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福島第一原子力発電所の燃料組成評価

Estimation of Fuel Compositions in Fukushima-Daiichi Nuclear Power Plant

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日本原子力研究開発機構
原子力基礎工学研究部門 核工学・炉工学ユニット
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福島第一原子力発電所 1～4 号機の 2011 年 3 月 11 日時点、及び、その後の放射性核種量を ORIGEN2 コードにより評価した。評価対象は、原子炉内及び貯蔵プールに存在する、被照射燃料中のウラン燃料及び放射化したジルカロイ被覆管であり、評価量は重量、放射能、発熱量、光子放出量、及び、中性子放出量である。

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Estimation of Fuel Compositions in Fukushima-Daiichi Nuclear Power Plant

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This document describes the analytical results of the amount of the radioactive nuclides in the Fukushima-Daiichi nuclear power plant on March 31, 2011 and the following period with the use of the ORIGEN2 code. The results are given for the irradiated uranium pellet and the activated cladding tube of zirconium alloy in the core and the spent fuel storage pools of the respective reactors. The evaluated values are weight, radioactivity, heat generation, photon generation and neutron generation rate.

Keywords: Fukushima-Daiichi, ORIGEN, Fuel Composition

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1　緒言

2011 年 3 月 11 日に発生した東日本大震災後に起きた福島第一原子力発電所事故では、放射性物質の大気放出、汚染水の発生と、その海洋放出が起こり、それらの影響評価のために、環境放射能、汚染水放射能濃度の測定等が行われてきた。これらの測定値を用いて炉心からどの程度の放射性物質が放出されたかを評価するためには、原子炉および燃料貯蔵プール内に存在していた核種量、すなわち、インベントリを評価することが必要である。また、今後の 2 次廃棄物の処理処分方法の検討や、廃炉に向けた取り組みにおいても、破損燃料の組成、放射能量の評価が必要となる。

本報では、福島第一原子力発電所 1～4 号機の原子炉および使用済燃料貯蔵プールに存在する被照射燃料について、ウラン燃料と放射化したジルカロイ被覆管に含まれる核種インベントリの評価結果をとりまとめる。評価条件には、公開されている運転履歴および、東京電力(株)から提供された各集合体の燃焼度を用い、可能な限り現実の運転を再現した。計算には ORIGEN2 コードと JENDL-3.3 に基づく核データライブラリを用いた。評価量は重量、放射能、発熱量、光子放出量、中性子放出量である。

2　評価方法

2.1　計算コード、ライブラリ

核燃料の燃焼・冷却による組成変化評価において広く用いられている ORIGEN2 コードの JENDL 対応版である ORIGEN22UPJ [1]を使用した。ORIGEN22UPJ は ORIGEN2.2 と、我が国の核データライブラリ JENDL-3.2 及び JENDL-3.3 に基づいて作成された断面積データを組み合わせた計算を可能としたものである。崩壊ライブラリには JNDECAYJ33.LIB[2]を、断面積ライブラリには BS340J33[3]をそれぞれ使用した。BS340J33 は、60GWd/tHM 以下の燃焼度の BWR・STEP-3 型燃料に対して 40%のボイド率を想定して評価された 1 群断面積である。BWR のボイド率は 0～80%で分布しているが、本評価では平均的な 40％で代表できると仮定した。付録 A に示すように、この手法を用いる事による誤差は、主要な核分裂生成物、アクチノイド核種に対して 10%以下である。ただし、Cm244 等の高次アクチノイド核種に対しては、20%程度の過小評価が見込まれる。

ORIGEN22UPJ で使用している、JENDL に基づく ORIGEN2 用ライブラリ（ORLIBJ32 や ORLIBJ33）は、は我が国で広く利用されている燃料の集合体平均組成を求めることを意図して作成されたものであって、ORLIBJ32 作成時の U、Pu の生成量評価では、BWR 集合体に対する燃焼解析結果に対して、ほぼ 10%程度の差に入っていることが文献[4]でも報告されている。しかしながら、中性子スペクトルの変化に対する生成量の変化の感度が大きいことから、アクチノイド核種に対して更に高い精度が求められる場合、（例えば、核物質管理等）、より精密な解析として炉心管理コードによる集合体毎の評価を行うことも考えられ、実際試みられている[5]。

ORIGEN2コードでは、放射化生成物688核種、アクチノイド核種128核種、核分裂生成物879核種に対して、重量、放射能量、発熱量が与えられるが、本報では以下の表 1 に示すカットオフ値を目安とし、寄与の小さな核種は掲載していない。1 号機の炉心において、カットオフされた量の合計を総量で除した量は、放射化生成物の発熱量を除いて、1%以下である。放射化生成物の発熱量は、他よりも小さく、影響が小さい。なお、今回の計算では、放射化生成物とはジルカロイ被覆管と燃料中の酸素が放射化した結果の放射性物質である。

表 1 計算結果の掲載に対するカットオフ値

		カットオフ値	総量[*1]	カットオフされた量	比[*2]
重量 (g/core)	activation	100	2.3E+7[*3]	7.0E+2	3.0E−5
	actinide	100	6.7E+7	2.0E+2	3.0E−6
	FP	100	1.8E+6	4.1E+3	2.2E−3
短期[*4]放射能 (Bq/core)	activation	1E+12	1.9E+17	2.7E+12	1.4E−5
	actinide	1E+12	2.0E+19	6.7E+12	3.3E−7
	FP	1E+12	4.8E+19	2.1E+12	4.4E−8
長期[*5]放射能 (Bq/core)	activation	1E+9	2.3E+13	1.3E+9	5.9E−5
	actinide	1E+9	9.7E+16	2.9E+8	2.9E−9
	FP	1E+9	4.5E+17	1.1E+9	2.5E−9
短期発熱[*3] (W/core)	activation	100	2.5E+4	6.4E+2	2.5E−2
	actinide	1E+4	1.4E+6	1.1E+4	7.7E−3
	FP	1E+4	5.8E+6	4.5E+4	7.8E−3
長期発熱[*4] (W/core)	activation	0.01	7.2E−1	1.6E−2	2.3E−2
	actinide	1	1.1E+4	3.5E+0	3.2E−4
	FP	1	3.3E+4	3.5E+0	1.0E−4

[*1] 1 号機炉心の総インベントリ [*2] カットオフされた量/総量 [*3] 2.3E+7=2.3x10^7

[*4] 炉停止 1 日後 [*5] 炉停止 20 年後

2.2 運転履歴

表 2 に炉心の解析条件[6]を示す。以降、図表では 1 号機を 1F1 のごとく表記する。表 3 にORIGEN2コードで用いたウラン新燃料とジルカロイ-2 の組成を示す。プルサーマル新燃料については、1 集合体に Pu 富化度 3.9%の MOX 燃料ピンが 44 本と U235 濃縮度 3.7%の UO_2 燃料ピンが 16 本含まれていることから、これらの平均値として算出した。Pu 組成は、文献[3]の表 3.11 に示された BWR4%Pu 富化度(standard)ケースの同位体比を用いて、Pu 富化度 3.9%に規格化して得た。

表 4 に原子力施設運転管理年報[7]から得た 1 号機の定検履歴を示す。3/11 時点では第 26 回の定検が終了し、運転開始後 165 日が経過している。表 5 に 1 号機の各燃料バッチの体数、照射日数、そして、各燃焼ステップにおける比出力の推定値を載せる。例えば、集合体バッチ番号 3 番の集合体は 80 体あり、最初の照射期間である第 24 回定検後の運転期間中(349 日間)に、32.29MW/tHM の比出力で照射された。その後、第 23 回定検後の 341 日間に

26.11MW/tHM で、そして、3/11 に到る 189 日間[1]に 21.47MW/tHM の比出力で照射されたと推定した。

これらの推定は、東京電力(株)から提供された各集合体の累積燃焼度から、以下の手順で行った。詳細は付録 B に示した。

1. 累積燃焼度で 400 個の集合体を昇順にソートする。
2. ソートした集合体を定検履歴から得た各バッチの集合体交換数で区切り、6 つのバッチに振り分ける。
3. 各々のバッチの平均燃焼度を求める。
4. 第 1 バッチ第 6 燃焼ステップの比出力は、燃焼度を照射日数で除して、一意に決めることが出来る。
5. 第 2～6 バッチ第 6 燃焼ステップの比出力を、全炉心平均比出力が表 2 に示した 20.0MW/tHM になるように決定する。そのために、第 1～6 バッチの比出力が線形に分布していることを仮定した。以上で、第 6 燃焼ステップの全てのバッチの比出力が決まる。
6. 各々の燃焼バッチに対して、第 1～第 6 燃焼ステップの比出力が線形に分布していると仮定し、第 1～第 5 燃焼ステップの比出力を、各々決定する。

上記の様に、本検討では各バッチ・各燃焼ステップで異なる比出力を設定している。もっと単純な方法として、最終的な燃焼度の判っている集合体に対して、燃焼度を照射日数合計で割って平均の比出力を算出し、全ての燃焼ステップで同じ比出力を用いる方法もあるが、この方法では、短半減期の核種を過大評価する。そのため、本検討で仮定したような各バッチで異なる比出力を用いる事が必要である。

推定結果から導かれる炉内平均燃焼度は、表 2 に示すように、東京電力(株)による公開データ[8]と良く一致している。

表 4、表 7、表 10 に、1 号機～3 号機の定検履歴をそれぞれ示したが、これらは既報[9]と細部が異なっている。これは、平成 23 年度の運転管理年報[7]が利用可能になったため、炉停止前一年間の運転履歴を追加したためである。また、1 号機と 3 号機の取り替え本数に誤りがあり、本報で訂正した。

表 6 に貯蔵プール内の燃料の照射履歴推定結果を示す。これらは、同じ取り出し日の集合体の燃焼度を平均して得た。集合体毎の取り出し燃焼度と取り出し日は、東京電力（株）の情報提供による。照射開始日については、定検履歴から装荷した定検が推定できる最近のものについてはそれを用いた。推定できない古いものについては、比出力が 20MW/tHM 程度になるような照射日数を仮定した。古い燃料集合体の本数は少なく、この仮定の影響は小さい。

解析においては、炉内燃料と貯蔵プール内燃料のいずれに対しても、付録 C に示すように運転期間と定検期間の繰り返しを ORIGEN2 コードで再現して計算を行った。

[1] 第 26 回定検の後、24 日間運転し、36 日間停止後、再び 165 日間運転した。189 日は、24 日と 165 日の和である。

表 2 炉心条件[6]

項目	単位	1F1	1F2	1F3	1F4
炉心熱出力	MWt	1380	2381	←	←
U235 濃縮度	wt%	3.7	←	←	←
集合体数	本	400	548	←	←
炉内 U インベントリ	tHM	69	94	←	←
平均比出力	MW/tHM	20.0	25.3	←	←
炉内平均燃焼度(本検討)	GWd/tHM	25.8	23.1	21.8	-
(公開データ[8])	GWd/tHM	25.769	～23.05*	21.800	-
プール内 SF 体数	本	292	587	514	1331
プール内平均燃焼度	GWd/tHM	33.3	42.3	41.3	36.8

* 文献[8]の出力分布サマリログ中の印字が不鮮明のため、前後のログから推定した。

表 3 燃料及び被覆管の初期組成(g/tHM)

核種	ウラン燃料	MOX 燃料
燃料ペレット		
U234		154
U235	37,000	17,962
U236		116
U238	963,000	953,142
Pu238		438
Pu239		16,802
Pu240		7,621
Pu241		2,382
Pu242		1,148
Am241		235
O	134,538	
被覆管		
Cr	204	
Fe	530	
Ni	102	
Zr	200,118	
Sn	2977	

表 4 1 号機の定検履歴

定検番号	発電終了（解列）	発電開始（並列）	炉停止日数	停止後の運転日数	集合体取り替え本数
–*	2010/8/22	2010/9/27	36	165†	–
26	2010/3/25	2010/7/29	126	24	64
25	2008/10/17	2009/4/18	183	341	64
24	2006/12/28	2007/11/3	310	349	80
–	2005/8/12	2005/10/28	77	426	–
23	2002/10/26	2005/7/24	1002	19	68
22	2000/12/21	2001/11/14	328	346	64
21	1999/7/16	1999/11/4	111	413	84（60‡）

* 定検以外の停止 †事故までの運転日数 ‡取替燃料 84 体中 60 体が炉停止時に炉内に存在したと仮定。

表 5 1 号機炉内燃料の照射履歴推定（MW/tHM）

			集合体バッチ番号/集合体本数					
			1	2	3	4	5	6
			64*2	64	80	68	64	60
燃焼ステップ/照射日数	6	189*1	27.69	24.76	21.47	18.08	15.05	12.21
	5	341		30.93	26.11	21.34	17.66	14.16
	4	349			32.29	25.69	21.13	16.75
	3	445				30.69	25.11	19.73
	2	346					29.09	22.70
	1	413						25.55
燃焼度（MWd/tHM）			5,234	15,228	24,231	33,315	37,479	40,172

*1 燃焼日数 *2 集合体本数

表 6 1 号機貯蔵プール内燃料の照射履歴推定（MW/tHM）

番号	装荷した定検	取出した定検	照射開始	照射終了	集合体本数	照射日数	冷却日数	比出力（MW/t）	燃焼度（MWd/t）
1	21	26	1999/11/4	2010/3/25	64	1894	351	21.35	40,433
2	20	25	1998/5/18	2008/10/17	64	1977	875	20.45	40,435
3	19	24	1997/2/23	2006/12/28	80	2031	1534	19.39	39,372
4	18	23	1995/6/23	2002/10/26	10	2008	3058	18.20	36,537
5	不明	不明	不明	1989/5/25	4	1800*	7960	19.43	34,982
6	不明	不明	不明	1978/9/1	12	900*	11879	18.54	16,687
7	不明	不明	不明	1976/8/17	4	900*	12624	18.99	17,087
8	不明	不明	不明	1974/9/15	42	900*	13326	13.56	12,206
9	不明	不明	不明	1973/4/14	12	900*	13845	10.14*	9,125

* 仮定

表 7 2 号機の定検履歴

定検番号	発電終了（解列）	発電開始（並列）	炉停止日数	停止後の運転日数	集合体取り替え本数
25	2010/9/16	2010/11/18	63	113†	116
−*	2010/6/17	2010/7/19	32	59	−
24	2009/4/22	2009/7/21	90	331	116
23	2008/3/12	2008/5/21	70	336	120
−	2007/10/12	2007/10/21	9	143	−
22	2006/9/4	2007/1/28	146	257	120
−	2006/3/20	2006/5/20	61	107	−
−	2005/10/10	2005/11/12	33	128	−
21	2005/4/18	2005/7/4	77	98	92（76‡）

* 定検以外の停止 † 事故までの運転日数 ‡取替燃料 92 体中 76 体が炉停止時に炉内に存在したと仮定。

表 8 2 号機炉内燃料の照射履歴推定（MW/tHM）

			集合体バッチ番号/集合体本数				
			1	2	3	4	5
			116*2	116	120	120	76
燃焼ステップ/照射日数	5	113*1	29.34	27.19	25.00	22.77	20.95
	4	390		32.68	29.09	25.26	22.60
	3	336			35.13	28.93	25.03
	2	400				32.65	27.49
	1	333					29.95
燃焼度（MWd/tHM）			3,315	15,817	25,972	35,205	40,557

*1 燃焼日数 *2 集合体本数

表 9 2 号機貯蔵プール内燃料の照射履歴推定（MW/tHM）

番号	装荷した定検	取出した定検	照射開始	照射終了	集合体本数	照射日数	冷却日数	比出力（MW/t）	燃焼度（MWd/t）
1	20	25	2004/4/6	2010/9/16	116	1845	176	23.67	43,671
2	19	24	2002/3/22	2009/4/22	116	1829	688	23.83	43,584
3	18	23	2000/10/9	2008/3/12	120	1912	1094	23.29	44,523
4	17	22	1999/7/9	2006/9/4	92	1883	1649	21.46	40,402
5	16	21	1997/6/4	2005/4/18	51	1984	2153	20.04	39,762
6	15	20	1996/3/17	2003/3/31	60	1945	2902	20.90	40,644
7	14	19	1994/11/27	2001/12/2	29	1961	3386	19.16	37,572
8	不明	不明	不明	1981/9/6	3	1200*	10778	19.04*	22,850

* 仮定

表 10 3 号機の定検履歴

定検番号	発電終了（解列）	発電開始（並列）	炉停止日数	停止後の運転日数	集合体取り替え本数
24	2010/6/19	2010/9/23	96	169†	116^{UO2} / 32^{MOX}
−*	2009/8/8	2009/8/13	5	310	−
23	2009/2/24	2009/7/10	136	29	112
22	2007/8/31	2007/12/14	105	438	140
−	2007/6/15	2007/7/2	17	60	−
21	2006/2/22	2006/7/7	135	343	112
20	2004/8/6	2005/3/25	231	334	120（36‡）

* 定検以外の停止 † 事故までの運転日数 ‡取替燃料 120 体中 36 体が炉停止時に炉内に存在したと仮定。

表 11 3 号機炉内燃料の照射履歴推定（MW/tHM）

			集合体バッチ番号/集合体本数					
			1(MOX)	1(UO2)	2	3	4	5
			32*2	116	112	140	112	36
燃焼ステップ/照射日数	5	169*1	26.67	28.06	26.46	24.68	22.91	21.87
	4	339			32.53	28.20	24.58	22.60
	3	438				33.71	27.18	23.73
	2	403					29.99	24.95
	1	334						26.03
燃焼度（MWd/tHM）			4,507	4,742	15,497	28,497	36,196	40,499

*1 燃焼日数 *2 集合体本数

表 12 3 号機貯蔵プール内燃料の照射履歴推定（MW/tHM）

番号	装荷した定検	取出した定検	照射開始	照射終了	集合体本数	照射日数	冷却日数	比出力（MW/t）	燃焼度（MWd/t）
1	20	24	2005/3/25	2010/6/19	148	1514	265	28.39	42,980
2	19	23	2003/8/16	2009/2/24	112	1531	745	29.43	45,062
3	18	22	2001/5/24	2007/8/31	140	1513	1288	27.61	41,781
4	17	21	2000/2/7	2006/2/22	8	1531	1843	25.24	38,636
5	16	20	1998/7/22	2004/8/6	64	1643	2408	23.33	38,335
6	不明	16	不明	1997/5/26	18	1500*	5037	21.08*	31,624
7	不明	14	不明	1994/9/3	18	1500*	6033	18.89*	28,335
8	不明	4	不明	1981/1/16	6	1500*	11011	16.61*	24,915

* 仮定

表 13 4 号機の定検履歴

定検番号	発電終了（解列）	発電開始（並列）	炉停止日数	停止後の運転日数	集合体取り替え本数
24	2010/11/30	−	101	0	140
23	2009/9/29	2009/11/30	62	365	100
22	2008/3/28	2008/7/17	111	439	136
21	2007/2/11	2007/5/2	80	331	101
−*	2006/10/2	2006/11/3	32	100	6
20	2005/6/25	2006/3/3	251	213	104
−*	2004/12/8	2005/4/5	118	81	−
19	2002/9/16	2004/3/22	553	261	104

* 定検以外の停止 † 事故までの運転日数

表 14 4 号機貯蔵プール内燃料の照射履歴推定（MW/tHM）

番号	装荷した定検	取出した定検	照射開始	照射終了	集合体本数	照射日数	冷却日数	比出力（MW/t）	燃焼度（MWd/t）
1	23	24	2009/11/30	2010/11/30	100	365	101	32.72	11,944
2	22	24	2008/7/17	2010/11/30	136	804	101	30.52	24,535
3	21	24	2007/5/2	2010/11/30	101	1135	101	29.42	33,394
4	−	24	2006/11/3	2010/11/30	6	1235	101	29.04	35,867
5	20	24	2006/3/3	2010/11/30	104	1448	101	26.44	38,286
6	19	24	2004/3/22	2010/11/30	101	1790	101	26.36	47,188
7	18	23	2001/11/11	2009/9/29	100	1734	528	26.08	45,220
8	17	22	2000/9/15	2008/3/28	136	1677	1078	25.06	42,028
9	16	21	1999/4/25	2007/2/11	101	1734	1489	24.31	42,149
10	15	20	1999/4/25	2006/10/2	5	1634	1621	22.16	36,207
11	14	19	1998/3/6	2005/6/25	78	1799	2085	22.84	41,089
12	13	18	1996/7/22	2002/9/16	88	1880	3098	21.26	39,964
13	12	17	1995/4/26	2001/10/2	132	1932	3447	21.13	40,830
14	−	2	1994/1/15	2000/5/17	104	1957	3950	19.56	38,279
15			不明	1999/3/19	39	1800*	4375	18.35*	33,027

* 仮定

3　評価結果

3.1　重量

表 15　1 号機炉心、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2
O16	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6
O17	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3
O18	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4
Cr50	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2
Cr52	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4
Cr53	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3
Cr54	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2
Fe54	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3
Fe56	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4
Fe57	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2
Fe58	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2
Ni58	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3
Ni60	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3
Ni62	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2
Zr90	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6
Zr91	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6
Zr92	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6
Zr93	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3
Zr94	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6
Zr96	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5
Mo95	7.21E+2	7.21E+2	7.21E+2	7.21E+2	7.22E+2	7.23E+2	7.27E+2	7.37E+2	7.64E+2	7.87E+2	8.02E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2
Mo97	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3
Sn112	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3
Sn114	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3
Sn115	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2
Sn116	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4
Sn117	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4
Sn119	1.77E+4	1.77E+4	1.77E+4	1.77E+4	1.77E+4	1.77E+4	1.77E+4	1.77E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4

Sn118	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4
Sn120	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4
Sn124	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4
Sn122	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3
	Actinide														
U234	2.08E+2	2.08E+2	2.08E+2	2.08E+2	2.08E+2	2.08E+2	2.09E+2	2.12E+2	2.22E+2	2.36E+2	2.67E+2	3.28E+2	5.11E+2	8.06E+2	1.36E+3
U235	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6
U236	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5	2.42E+5
U237	2.64E+2	2.63E+2	2.60E+2	2.53E+2	2.38E+2	1.94E+2	9.45E+1	1.21E+1	2.73E−2	1.77E−3	1.73E−3	1.65E−3	1.43E−3	1.12E−3	6.92E−4
U238	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7
Np237	1.99E+4	1.99E+4	1.99E+4	1.99E+4	2.00E+4	2.00E+4	2.01E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.03E+4	2.04E+4	2.10E+4
Np239	2.95E+3	2.93E+3	2.86E+3	2.63E+3	2.21E+3	1.23E+3	1.57E+2	4.38E−1	2.94E−3	2.94E−3	2.94E−3	2.94E−3	2.94E−3	2.94E−3	2.94E−3
Pu238	7.30E+3	7.30E+3	7.30E+3	7.31E+3	7.31E+3	7.33E+3	7.36E+3	7.41E+3	7.54E+3	7.68E+3	7.84E+3	7.89E+3	7.74E+3	7.44E+3	6.88E+3
Pu239	3.05E+5	3.05E+5	3.05E+5	3.05E+5	3.05E+5	3.06E+5	3.07E+5	3.08E+5	3.08E+5	3.08E+5	3.08E+5	3.08E+5	3.08E+5	3.08E+5	3.07E+5
Pu240	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5	1.05E+5
Pu241	5.86E+4	5.86E+4	5.86E+4	5.86E+4	5.86E+4	5.85E+4	5.85E+4	5.83E+4	5.79E+4	5.72E+4	5.58E+4	5.32E+4	4.60E+4	3.62E+4	2.24E+4
Pu242	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4
Am241	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.43E+3	4.44E+3	4.50E+3	4.65E+3	5.11E+3	5.79E+3	7.16E+3	9.77E+3	1.69E+4	2.65E+4	3.98E+4
Am243	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3
Cm242	7.28E+2	7.28E+2	7.28E+2	7.29E+2	7.28E+2	7.23E+2	7.02E+2	6.45E+2	5.00E+2	3.41E+2	1.55E+2	3.31E+1	4.66E−1	1.49E−1	1.42E−1
Cm244	9.04E+2	9.04E+2	9.04E+2	9.04E+2	9.04E+2	9.04E+2	9.03E+2	9.01E+2	8.96E+2	8.87E+2	8.70E+2	8.37E+2	7.47E+2	6.17E+2	4.20E+2
	FP														
H3	2.66E+0	2.66E+0	2.66E+0	2.66E+0	2.66E+0	2.65E+0	2.65E+0	2.64E+0	2.62E+0	2.58E+0	2.51E+0	2.37E+0	2.01E+0	1.52E+0	8.64E−1
Se78	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2
Se79	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2
Se80	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2
Br81	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3
Se82	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3
Kr83	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3
Kr84	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3
Kr85	1.59E+3	1.59E+3	1.59E+3	1.59E+3	1.59E+3	1.59E+3	1.59E+3	1.58E+3	1.57E+3	1.54E+3	1.49E+3	1.40E+3	1.15E+3	8.36E+2	4.39E+2
Rb85	7.54E+3	7.54E+3	7.54E+3	7.54E+3	7.54E+3	7.54E+3	7.54E+3	7.55E+3	7.56E+3	7.59E+3	7.64E+3	7.73E+3	7.98E+3	8.30E+3	8.69E+3
Kr86	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Rb87	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4
Sr88	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4
Sr89	1.27E+3	1.27E+3	1.27E+3	1.26E+3	1.25E+3	1.22E+3	1.11E+3	8.41E+2	3.69E+2	1.08E+2	8.47E+0	5.65E−2	1.68E−8	2.21E−19	0.00E+0
Y89	2.50E+4	2.50E+4	2.50E+4	2.50E+4	2.50E+4	2.50E+4	2.51E+4	2.54E+4	2.59E+4	2.61E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4
Sr90	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.91E+4	2.89E+4	2.86E+4	2.79E+4	2.59E+4	2.30E+4	1.81E+4
Zr90	2.80E+3	2.80E+3	2.80E+3	2.80E+3	2.80E+3	2.80E+3	2.82E+3	2.86E+3	2.97E+3	3.14E+3	3.50E+3	4.18E+3	6.12E+3	9.07E+3	1.40E+4
Y91	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.84E+3	1.80E+3	1.65E+3	1.31E+3	6.41E+2	2.21E+2	2.46E+1	3.25E−1	7.48E−7	3.00E−16	1.30E−35
Zr91	3.18E+4	3.18E+4	3.18E+4	3.18E+4	3.18E+4	3.18E+4	3.20E+4	3.23E+4	3.30E+4	3.34E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4

Zr92	3.57E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4
Zr93	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4
Zr94	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4
Zr95	2.67E+3	2.67E+3	2.67E+3	2.66E+3	2.64E+3	2.59E+3	2.40E+3	1.93E+3	1.01E+3	3.80E+2	5.12E+1	9.81E−1	6.90E−6	1.78E−14	1.19E−31
Nb95	1.28E+3	1.28E+3	1.28E+3	1.28E+3	1.28E+3	1.29E+3	1.30E+3	1.26E+3	8.88E+2	4.03E+2	6.02E+1	1.22E+0	8.31E−6	2.15E−14	1.29E−33
Mo95	3.79E+4	3.79E+4	3.79E+4	3.79E+4	3.79E+4	3.79E+4	3.81E+4	3.86E+4	3.99E+4	4.10E+4	4.17E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4
Zr96	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Mo96	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3
Mo97	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4
Mo98	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4
Tc99	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4
Mo100	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4
Ru100	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3
Ru101	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4
Ru102	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4
Ru103	1.58E+3	1.57E+3	1.57E+3	1.56E+3	1.55E+3	1.49E+3	1.32E+3	9.28E+2	3.22E+2	6.56E+1	2.49E+0	3.95E−3	1.57E−11	1.55E−25	0.00E+0
Rh103	2.30E+4	2.30E+4	2.30E+4	2.30E+4	2.30E+4	2.31E+4	2.33E+4	2.37E+4	2.43E+4	2.45E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4
Ru104	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4
Pd104	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Pd105	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4
Ru106	4.31E+3	4.31E+3	4.30E+3	4.30E+3	4.30E+3	4.28E+3	4.23E+3	4.07E+3	3.64E+3	3.08E+3	2.19E+3	1.11E+3	1.45E+2	4.91E+0	5.62E−3
Pd106	1.21E+4	1.21E+4	1.21E+4	1.21E+4	1.21E+4	1.21E+4	1.21E+4	1.23E+4	1.27E+4	1.33E+4	1.42E+4	1.53E+4	1.62E+4	1.64E+4	1.64E+4
Pd107	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3
Pd108	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3
Ag109	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3
Pd110	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3
Cd110	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.62E+3	1.62E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3
Cd111	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Cd112	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2
Cd114	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2
Cd116	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2
Sn116	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2
Sn117	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2
Sn118	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2
Sn119	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2
Sn120	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2
Sb121	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2	2.18E+2
Sn122	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2
Sb123	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.65E+2	2.66E+2	2.66E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2
Sn124	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2
Sb125	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.82E+2	2.79E+2	2.68E+2	2.52E+2	2.21E+2	1.72E+2	8.10E+1	2.31E+1	1.87E+0

Te125	2.58E+2	2.58E+2	2.58E+2	2.58E+2	2.58E+2	2.58E+2	2.60E+2	2.64E+2	2.75E+2	2.91E+2	3.22E+2	3.72E+2	4.65E+2	5.24E+2	5.46E+2
Sn126	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3
I127	2.14E+3	2.14E+3	2.14E+3	2.14E+3	2.14E+3	2.15E+3	2.15E+3	2.16E+3	2.16E+3	2.17E+3	2.17E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3
Te128	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3
I129	9.44E+3	9.44E+3	9.44E+3	9.45E+3	9.45E+3	9.45E+3	9.45E+3	9.46E+3	9.48E+3	9.48E+3	9.49E+3	9.49E+3	9.49E+3	9.49E+3	9.49E+3
Te130	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4
Xe130	3.10E+2	3.10E+2	3.10E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2
Xe131	2.36E+4	2.36E+4	2.36E+4	2.36E+4	2.37E+4	2.37E+4	2.38E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4
Xe132	5.68E+4	5.68E+4	5.68E+4	5.68E+4	5.68E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4
Cs133	6.24E+4	6.24E+4	6.24E+4	6.24E+4	6.25E+4	6.25E+4	6.27E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4
Xe134	8.10E+4	8.10E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4
Cs134	3.98E+3	3.98E+3	3.98E+3	3.98E+3	3.97E+3	3.97E+3	3.94E+3	3.87E+3	3.66E+3	3.37E+3	2.84E+3	2.03E+3	7.42E+2	1.39E+2	4.83E+0
Ba134	3.81E+3	3.81E+3	3.81E+3	3.81E+3	3.81E+3	3.82E+3	3.84E+3	3.92E+3	4.12E+3	4.41E+3	4.94E+3	5.75E+3	7.04E+3	7.65E+3	7.78E+3
Cs135	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4
Xe136	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5
Ba136	9.33E+2	9.33E+2	9.33E+2	9.34E+2	9.34E+2	9.36E+2	9.42E+2	9.49E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2
Cs137	6.30E+4	6.30E+4	6.30E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.28E+4	6.26E+4	6.22E+4	6.15E+4	6.01E+4	5.61E+4	5.00E+4	3.97E+4
Ba137	5.39E+3	5.39E+3	5.39E+3	5.39E+3	5.39E+3	5.40E+3	5.43E+3	5.51E+3	5.74E+3	6.10E+3	6.82E+3	8.22E+3	1.22E+4	1.83E+4	2.86E+4
Ba138	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4
La139	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4
Ce140	6.84E+4	6.84E+4	6.84E+4	6.84E+4	6.85E+4	6.86E+4	6.89E+4	6.93E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4
Ce141	2.14E+3	2.14E+3	2.14E+3	2.14E+3	2.11E+3	2.02E+3	1.74E+3	1.14E+3	3.16E+2	4.64E+1	8.93E−1	3.69E−4	2.62E−14	3.18E−31	0.00E+0
Pr141	5.84E+4	5.84E+4	5.84E+4	5.84E+4	5.84E+4	5.85E+4	5.88E+4	5.94E+4	6.02E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4
Ce142	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4
Nd142	9.19E+2	9.19E+2	9.19E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2
Nd143	4.49E+4	4.49E+4	4.49E+4	4.49E+4	4.49E+4	4.50E+4	4.52E+4	4.56E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4
Ce144	1.13E+4	1.13E+4	1.13E+4	1.13E+4	1.13E+4	1.12E+4	1.10E+4	1.05E+4	9.07E+3	7.29E+3	4.64E+3	1.91E+3	1.33E+2	1.56E+0	2.17E−4
Nd144	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.89E+4	5.91E+4	5.96E+4	6.10E+4	6.28E+4	6.54E+4	6.82E+4	7.00E+4	7.01E+4	7.01E+4
Nd145	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4
Nd146	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4
Pm147	8.29E+3	8.29E+3	8.29E+3	8.30E+3	8.30E+3	8.33E+3	8.37E+3	8.37E+3	8.06E+3	7.55E+3	6.60E+3	5.07E+3	2.30E+3	6.12E+2	4.36E+1
Sm147	7.71E+3	7.71E+3	7.71E+3	7.71E+3	7.71E+3	7.72E+3	7.77E+3	7.89E+3	8.24E+3	8.75E+3	9.70E+3	1.12E+4	1.40E+4	1.57E+4	1.63E+4
Nd148	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4
Sm148	6.99E+3	6.99E+3	6.99E+3	6.99E+3	6.99E+3	7.00E+3	7.02E+3	7.04E+3	7.05E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3
Sm149	1.27E+2	1.27E+2	1.28E+2	1.32E+2	1.38E+2	1.52E+2	1.66E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2
Nd150	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3
Sm150	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4
Sm151	6.88E+2	6.89E+2	6.89E+2	6.90E+2	6.92E+2	6.96E+2	6.97E+2	6.97E+2	6.96E+2	6.95E+2	6.92E+2	6.87E+2	6.71E+2	6.45E+2	5.97E+2
Sm152	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3
Eu153	5.84E+3	5.84E+3	5.84E+3	5.85E+3	5.85E+3	5.86E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3
Sm154	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3

Eu154	8.63E+2	8.62E+2	8.62E+2	8.62E+2	8.62E+2	8.62E+2	8.61E+2	8.57E+2	8.46E+2	8.29E+2	7.96E+2	7.34E+2	5.76E+2	3.85E+2	1.72E+2
Gd154	1.86E+2	1.86E+2	1.86E+2	1.87E+2	1.87E+2	1.87E+2	1.88E+2	1.92E+2	2.03E+2	2.20E+2	2.53E+2	3.15E+2	4.73E+2	6.64E+2	8.77E+2
Eu155	3.53E+2	3.53E+2	3.53E+2	3.53E+2	3.53E+2	3.53E+2	3.52E+2	3.49E+2	3.41E+2	3.29E+2	3.06E+2	2.64E+2	1.71E+2	8.24E+1	1.92E+1
Gd156	3.45E+3	3.45E+3	3.45E+3	3.45E+3	3.45E+3	3.46E+3	3.48E+3	3.52E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3
Gd158	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2
Tb159	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2
	Total														
Activ.	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7
Actin.	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7
FP	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6
All	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7

表 16　1 号機炉心、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2	3.29E+2
O16	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6	9.26E+6
O17	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3
O18	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.13E+4
Cr50	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2	5.74E+2
Cr52	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4
Cr53	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3
Cr54	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2	3.81E+2
Fe54	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3
Fe56	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4	3.35E+4
Fe57	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2	9.32E+2
Fe58	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2
Ni58	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3	4.71E+3
Ni60	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3	1.87E+3
Ni62	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2	2.61E+2
Zr90	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6	7.01E+6
Zr91	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6	1.53E+6
Zr92	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6	2.39E+6
Zr93	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.01E+3	2.00E+3	2.00E+3	1.97E+3	1.92E+3	1.84E+3	1.60E+3	1.28E+3
Zr94	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6	2.47E+6
Zr96	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5	4.05E+5
Mo95	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2
Mo97	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3

Sn112	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3
Sn114	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3
Sn115	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2	7.29E+2
Sn116	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4	2.93E+4
Sn117	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4	1.57E+4
Sn119	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4	1.78E+4
Sn118	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4
Sn120	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4	6.73E+4
Sn124	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4	1.20E+4
Sn122	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3	9.70E+3
	Actinide														
U234	1.36E+3	2.79E+3	4.53E+3	6.51E+3	8.01E+3	8.16E+3	8.15E+3	8.11E+3	8.05E+3	7.92E+3	7.56E+3	7.02E+3	6.16E+3	4.64E+3	3.79E+3
U235	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.11E+6	1.12E+6	1.13E+6	1.15E+6	1.19E+6	1.24E+6	1.34E+6	1.40E+6	1.41E+6	1.42E+6	1.41E+6
U236	2.42E+5	2.42E+5	2.43E+5	2.44E+5	2.47E+5	2.52E+5	2.62E+5	2.85E+5	3.10E+5	3.33E+5	3.45E+5	3.45E+5	3.44E+5	3.41E+5	3.36E+5
U238	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7	6.53E+7
Np237	2.10E+4	2.33E+4	2.77E+4	3.57E+4	5.35E+4	6.93E+4	7.95E+4	8.20E+4	8.19E+4	8.16E+4	8.09E+4	7.96E+4	7.70E+4	6.99E+4	5.94E+4
Pu238	6.88E+3	5.43E+3	3.67E+3	1.67E+3	1.61E+2	3.71E+0	4.70E-3	9.02E-9	1.13E-18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	3.07E+5	3.07E+5	3.07E+5	3.06E+5	3.03E+5	2.99E+5	2.91E+5	2.68E+5	2.32E+5	1.75E+5	7.40E+4	1.75E+4	9.84E+2	1.74E-1	6.68E-5
Pu240	1.05E+5	1.05E+5	1.05E+5	1.04E+5	1.01E+5	9.54E+4	8.58E+4	6.24E+4	3.67E+4	1.27E+4	5.29E+2	2.63E+0	1.17E-4	5.19E-5	5.17E-5
Pu241	2.24E+4	5.28E+3	4.75E+2	3.94E+0	7.80E-2	7.49E-2	6.90E-2	5.41E-2	3.60E-2	1.59E-2	1.38E-3	2.33E-5	6.70E-9	1.58E-19	0.00E+0
Pu242	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.01E+4	2.01E+4	2.00E+4	1.98E+4	1.95E+4	1.85E+4	1.69E+4	1.41E+4	8.24E+3	3.37E+3
Am241	3.98E+4	5.45E+4	5.49E+4	4.72E+4	2.92E+4	1.31E+4	2.63E+3	2.31E+1	1.09E+0	4.77E-1	4.13E-2	7.00E-4	2.12E-7	5.01E-18	0.00E+0
Am243	3.42E+3	3.41E+3	3.39E+3	3.36E+3	3.27E+3	3.12E+3	2.84E+3	2.14E+3	1.34E+3	5.23E+2	3.13E+1	2.86E-1	4.54E-5	2.13E-5	2.08E-5
Cm244	4.20E+2	1.33E+2	1.97E+1	4.28E-1	4.42E-6	2.16E-14	5.14E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.65E+2
Se79	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.86E+2	2.86E+2	2.84E+2	2.81E+2	2.72E+2	2.58E+2	2.32E+2	1.68E+2	9.88E+1
Se80	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2	7.89E+2
Se82	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3
Br81	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3
Kr83	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3	2.46E+3
Kr84	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3	6.20E+3
Kr85	4.39E+2	6.35E+1	2.53E+0	4.03E-3	1.61E-11	1.63E-25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Rb85	8.69E+3	9.07E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3	9.13E+3
Rb87	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4	1.37E+4
Sr88	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4	1.97E+4
Sr90	1.81E+4	8.76E+3	2.62E+3	2.35E+2	1.70E-1	9.82E-7	3.30E-17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4
Zr90	1.40E+4	2.33E+4	2.94E+4	3.18E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4
Zr91	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4	3.36E+4

Zr92	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4
Zr93	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.96E+4	3.94E+4	3.89E+4	3.80E+4	3.63E+4	3.16E+4	2.52E+4
Zr94	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4	4.22E+4
Zr96	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Mo95	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4
Mo96	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3
Mo97	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4	4.32E+4
Mo98	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.44E+4
Mo100	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4	5.01E+4
Tc99	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.28E+4	4.27E+4	4.25E+4	4.21E+4	4.14E+4	4.01E+4	3.63E+4	3.08E+4	2.22E+4	8.29E+3	1.60E+3
Ru100	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3
Ru101	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4
Ru102	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4
Ru104	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4
Rh103	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4
Pd104	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Pd105	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4
Pd106	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4	1.64E+4
Pd107	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.99E+3	9.98E+3	9.98E+3	9.97E+3	9.94E+3	9.88E+3	9.78E+3	9.47E+3	8.98E+3
Pd108	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3	6.52E+3
Pd110	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3	1.99E+3
Ag109	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3
Cd110	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3	1.63E+3
Cd111	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Cd112	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2	5.60E+2
Cd114	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2	6.20E+2
Cd116	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2
Sn116	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2
Sn117	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2
Sn118	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2	2.09E+2
Sn119	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2
Sn120	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2	2.17E+2
Sn122	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2	2.76E+2
Sn124	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2
Sn126	1.18E+3	1.18E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.16E+3	1.14E+3	1.10E+3	1.02E+3	8.31E+2	5.88E+2	2.94E+2	3.67E+1	1.15E+0
Sb121	2.18E+2	2.19E+2	2.19E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2	2.20E+2
Sb123	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2	2.67E+2
Te125	5.46E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2	5.48E+2
Te128	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3	5.07E+3
Te130	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4
I127	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3	2.18E+3

I129	9.49E+3	9.49E+3	9.49E+3	9.49E+3	9.49E+3	9.49E+3	9.49E+3	9.48E+3	9.48E+3	9.48E+3	9.46E+3	9.44E+3	9.40E+3	9.28E+3	9.08E+3
Xe130	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2	3.11E+2
Xe131	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4	2.39E+4
Xe132	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4	5.69E+4
Xe134	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4	8.11E+4
Xe136	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5	1.16E+5
Cs133	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4	6.29E+4
Cs135	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.46E+4	2.46E+4	2.46E+4	2.45E+4	2.43E+4	2.39E+4	2.32E+4	2.12E+4	1.83E+4
Cs137	3.97E+4	1.99E+4	6.28E+3	6.26E+2	6.21E−1	6.13E−6	5.97E−16	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	7.78E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3	7.79E+3
Ba136	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2	9.53E+2
Ba137	2.86E+4	4.85E+4	6.21E+4	6.77E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4	6.83E+4
Ba138	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4
La139	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4	6.57E+4
Ce140	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4	6.95E+4
Ce142	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4	6.16E+4
Pr141	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4	6.05E+4
Nd142	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2	9.20E+2
Nd143	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4	4.58E+4
Nd144	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4	7.01E+4
Nd145	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4	3.76E+4
Nd146	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4	3.64E+4
Nd148	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4
Nd150	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3	9.24E+3
Sm147	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4
Sm148	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3
Sm149	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2	1.68E+2
Sm150	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4
Sm151	5.97E+2	4.72E+2	3.19E+2	1.46E+2	1.40E+1	2.82E−1	1.14E−4	7.58E−15	8.24E−32	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3
Sm154	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3
Eu153	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3	5.87E+3
Eu154	1.72E+2	1.52E+1	2.69E−1	8.41E−5	2.56E−15	7.61E−33	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	8.77E+2	1.03E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3
Gd156	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3	3.54E+3
Gd158	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2
Tb159	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2
	Total														
Activ.	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7	2.34E+7
Actin.	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7	6.72E+7
FP	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6	1.84E+6

All	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7	9.24E+7

表 17　2 号機炉心、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2
O16	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7
O17	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3
O18	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4
Cr50	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2
Cr52	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Cr53	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3
Cr54	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2
Fe54	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3
Fe56	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4
Fe57	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3
Fe58	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2
Ni58	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3
Ni60	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3
Ni62	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2
Zr90	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6
Zr91	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6
Zr92	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6
Zr93	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3
Zr94	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6
Zr96	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Mo95	8.46E+2	8.46E+2	8.46E+2	8.46E+2	8.47E+2	8.49E+2	8.54E+2	8.71E+2	9.13E+2	9.50E+2	9.72E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2
Mo97	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3
Sn112	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3
Sn114	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3
Sn115	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2
Sn116	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4
Sn117	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn119	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Sn118	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4
Sn120	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4
Sn124	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4
Sn122	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4

	Actinide														
U234	1.75E+2	1.75E+2	1.75E+2	1.75E+2	1.75E+2	1.76E+2	1.77E+2	1.80E+2	1.89E+2	2.04E+2	2.34E+2	2.95E+2	4.76E+2	7.69E+2	1.32E+3
U235	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.70E+6
U236	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5	2.99E+5
U237	4.38E+2	4.36E+2	4.32E+2	4.20E+2	3.95E+2	3.22E+2	1.57E+2	2.01E+1	4.46E-2	2.24E-3	2.18E-3	2.07E-3	1.80E-3	1.41E-3	8.72E-4
U238	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7
Np237	2.40E+4	2.40E+4	2.40E+4	2.40E+4	2.40E+4	2.41E+4	2.43E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.45E+4	2.47E+4	2.53E+4
Np239	5.03E+3	4.99E+3	4.88E+3	4.48E+3	3.77E+3	2.09E+3	2.67E+2	7.45E-1	3.46E-3	3.46E-3	3.46E-3	3.46E-3	3.46E-3	3.46E-3	3.46E-3
Pu238	7.22E+3	7.22E+3	7.22E+3	7.23E+3	7.23E+3	7.26E+3	7.29E+3	7.35E+3	7.48E+3	7.62E+3	7.77E+3	7.83E+3	7.68E+3	7.39E+3	6.83E+3
Pu239	3.84E+5	3.84E+5	3.84E+5	3.84E+5	3.85E+5	3.87E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5	3.89E+5
Pu240	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5
Pu241	7.38E+4	7.38E+4	7.38E+4	7.38E+4	7.38E+4	7.38E+4	7.37E+4	7.35E+4	7.29E+4	7.21E+4	7.03E+4	6.70E+4	5.80E+4	4.56E+4	2.82E+4
Pu242	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Am241	3.42E+3	3.42E+3	3.42E+3	3.43E+3	3.43E+3	3.45E+3	3.52E+3	3.71E+3	4.29E+3	5.15E+3	6.88E+3	1.02E+4	1.91E+4	3.13E+4	4.81E+4
Am243	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.03E+3	4.02E+3
Cm242	7.31E+2	7.31E+2	7.31E+2	7.31E+2	7.31E+2	7.26E+2	7.05E+2	6.48E+2	5.02E+2	3.43E+2	1.56E+2	3.32E+1	4.30E-1	1.13E-1	1.08E-1
Cm244	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.06E+3	1.05E+3	1.03E+3	9.94E+2	8.87E+2	7.32E+2	4.99E+2
	FP														
H3	3.49E+0	3.49E+0	3.49E+0	3.49E+0	3.49E+0	3.49E+0	3.49E+0	3.48E+0	3.44E+0	3.40E+0	3.30E+0	3.12E+0	2.64E+0	1.99E+0	1.14E+0
Se78	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2
Se79	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2
Se80	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2
Br81	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3
Se82	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3
Kr83	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3
Kr84	7.56E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3
Kr85	2.15E+3	2.15E+3	2.15E+3	2.15E+3	2.15E+3	2.15E+3	2.15E+3	2.14E+3	2.12E+3	2.08E+3	2.02E+3	1.89E+3	1.56E+3	1.13E+3	5.93E+2
Rb85	9.03E+3	9.03E+3	9.03E+3	9.03E+3	9.03E+3	9.03E+3	9.04E+3	9.04E+3	9.07E+3	9.10E+3	9.17E+3	9.29E+3	9.62E+3	1.01E+4	1.06E+4
Kr86	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4
Rb87	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4
Sr88	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4
Sr89	2.06E+3	2.05E+3	2.05E+3	2.04E+3	2.03E+3	1.97E+3	1.79E+3	1.36E+3	5.98E+2	1.74E+2	1.37E+1	9.15E-2	2.72E-8	3.59E-19	0.00E+0
Y89	3.01E+4	3.01E+4	3.01E+4	3.01E+4	3.01E+4	3.02E+4	3.04E+4	3.08E+4	3.16E+4	3.20E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4
Sr90	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.72E+4	3.71E+4	3.69E+4	3.64E+4	3.56E+4	3.31E+4	2.93E+4	2.30E+4
Zr90	1.95E+3	1.95E+3	1.95E+3	1.95E+3	1.95E+3	1.95E+3	1.97E+3	2.02E+3	2.17E+3	2.39E+3	2.84E+3	3.70E+3	6.19E+3	9.95E+3	1.62E+4
Y91	2.97E+3	2.97E+3	2.98E+3	2.97E+3	2.96E+3	2.90E+3	2.67E+3	2.10E+3	1.03E+3	3.56E+2	3.96E+1	5.23E-1	1.20E-6	4.84E-16	2.13E-35
Zr91	3.82E+4	3.82E+4	3.82E+4	3.82E+4	3.82E+4	3.83E+4	3.85E+4	3.91E+4	4.01E+4	4.08E+4	4.11E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4
Zr92	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Zr93	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4
Zr94	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4
Zr95	4.28E+3	4.28E+3	4.28E+3	4.26E+3	4.24E+3	4.15E+3	3.84E+3	3.09E+3	1.62E+3	6.10E+2	8.21E+1	1.57E+0	1.11E-5	2.86E-14	1.91E-31

Nb95	1.98E+3	1.98E+3	1.98E+3	1.98E+3	1.99E+3	2.00E+3	2.02E+3	1.97E+3	1.41E+3	6.45E+2	9.65E+1	1.95E+0	1.33E-5	3.44E-14	2.07E-33
Mo95	4.49E+4	4.49E+4	4.49E+4	4.49E+4	4.50E+4	4.50E+4	4.53E+4	4.61E+4	4.82E+4	4.99E+4	5.10E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4
Zr96	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4
Mo96	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3
Mo97	5.26E+4	5.26E+4	5.26E+4	5.26E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4
Mo98	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4
Tc99	5.24E+4	5.24E+4	5.24E+4	5.24E+4	5.25E+4	5.26E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4
Mo100	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4
Ru100	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3
Ru101	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4
Ru102	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4
Ru103	2.51E+3	2.51E+3	2.50E+3	2.49E+3	2.47E+3	2.38E+3	2.10E+3	1.48E+3	5.12E+2	1.05E+2	3.97E+0	6.28E-3	2.49E-11	2.47E-25	0.00E+0
Rh103	2.78E+4	2.78E+4	2.78E+4	2.79E+4	2.79E+4	2.80E+4	2.82E+4	2.89E+4	2.98E+4	3.02E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4
Ru104	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4
Pd104	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Pd105	2.23E+4	2.23E+4	2.23E+4	2.23E+4	2.23E+4	2.23E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4
Ru106	7.14E+3	7.14E+3	7.14E+3	7.13E+3	7.13E+3	7.10E+3	7.01E+3	6.75E+3	6.04E+3	5.11E+3	3.63E+3	1.84E+3	2.41E+2	8.14E+0	9.31E-3
Pd106	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.28E+4	1.30E+4	1.38E+4	1.47E+4	1.62E+4	1.80E+4	1.96E+4	1.98E+4	1.98E+4
Pd107	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4
Pd108	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3
Ag109	4.87E+3	4.87E+3	4.87E+3	4.87E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3
Pd110	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3
Cd110	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.86E+3	1.86E+3	1.87E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3
Cd111	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.23E+3	1.23E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3
Cd112	6.71E+2	6.71E+2	6.71E+2	6.71E+2	6.71E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2
Cd114	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2
Cd116	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2
Sn116	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2
Sn117	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2
Sn118	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2
Sn119	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.65E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2
Sn120	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2
Sb121	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2	2.64E+2
Sn122	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2
Sb123	3.19E+2	3.19E+2	3.19E+2	3.19E+2	3.19E+2	3.19E+2	3.19E+2	3.19E+2	3.20E+2	3.21E+2	3.22E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2
Sn124	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2
Sb125	4.30E+2	4.30E+2	4.30E+2	4.30E+2	4.30E+2	4.30E+2	4.29E+2	4.24E+2	4.07E+2	3.83E+2	3.37E+2	2.62E+2	1.23E+2	3.51E+1	2.84E+0
Te125	2.19E+2	2.19E+2	2.19E+2	2.19E+2	2.19E+2	2.20E+2	2.22E+2	2.27E+2	2.45E+2	2.69E+2	3.16E+2	3.92E+2	5.34E+2	6.24E+2	6.57E+2
Sn126	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3
I127	2.57E+3	2.57E+3	2.57E+3	2.57E+3	2.57E+3	2.58E+3	2.59E+3	2.59E+3	2.60E+3	2.61E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3
Te128	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3

I129	1.14E+4	1.14E+4	1.14E+4	1.14E+4	1.14E+4	1.14E+4	1.14E+4	1.14E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4
Te130	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4
Xe130	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2
Xe131	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.91E+4	2.93E+4	2.94E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4
Xe132	6.86E+4	6.86E+4	6.86E+4	6.87E+4	6.87E+4	6.88E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4
Cs133	7.64E+4	7.64E+4	7.64E+4	7.64E+4	7.65E+4	7.66E+4	7.70E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4
Xe134	9.87E+4	9.87E+4	9.87E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4
Cs134	5.78E+3	5.78E+3	5.78E+3	5.78E+3	5.77E+3	5.76E+3	5.73E+3	5.62E+3	5.32E+3	4.90E+3	4.13E+3	2.95E+3	1.08E+3	2.01E+2	7.02E+0
Ba134	3.24E+3	3.24E+3	3.24E+3	3.24E+3	3.24E+3	3.25E+3	3.29E+3	3.39E+3	3.69E+3	4.12E+3	4.88E+3	6.06E+3	7.94E+3	8.81E+3	9.01E+3
Cs135	2.67E+4	2.67E+4	2.67E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4
Xe136	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5
Ba136	1.01E+3	1.01E+3	1.01E+3	1.02E+3	1.02E+3	1.02E+3	1.03E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Cs137	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.94E+4	7.93E+4	7.90E+4	7.86E+4	7.77E+4	7.59E+4	7.08E+4	6.31E+4	5.01E+4
Ba137	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.73E+3	3.74E+3	3.77E+3	3.87E+3	4.17E+3	4.62E+3	5.53E+3	7.30E+3	1.24E+4	2.01E+4	3.31E+4
Ba138	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4
La139	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4
Ce140	8.24E+4	8.24E+4	8.24E+4	8.24E+4	8.25E+4	8.26E+4	8.31E+4	8.38E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4
Ce141	3.52E+3	3.52E+3	3.52E+3	3.51E+3	3.47E+3	3.32E+3	2.86E+3	1.87E+3	5.20E+2	7.62E+1	1.47E+0	6.07E-4	4.30E-14	5.23E-31	0.00E+0
Pr141	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.03E+4	7.04E+4	7.09E+4	7.19E+4	7.32E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4
Ce142	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4
Nd142	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3
Nd143	5.48E+4	5.48E+4	5.49E+4	5.49E+4	5.49E+4	5.51E+4	5.55E+4	5.62E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4
Ce144	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.95E+4	1.92E+4	1.82E+4	1.58E+4	1.27E+4	8.07E+3	3.32E+3	2.31E+2	2.72E+0	3.76E-4
Nd144	6.52E+4	6.52E+4	6.52E+4	6.52E+4	6.53E+4	6.54E+4	6.57E+4	6.66E+4	6.91E+4	7.22E+4	7.68E+4	8.15E+4	8.46E+4	8.48E+4	8.48E+4
Nd145	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4
Nd146	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4
Pm147	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.23E+4	1.24E+4	1.24E+4	1.19E+4	1.12E+4	9.79E+3	7.52E+3	3.40E+3	9.08E+2	6.47E+1
Sm147	6.62E+3	6.62E+3	6.62E+3	6.62E+3	6.63E+3	6.64E+3	6.71E+3	6.89E+3	7.42E+3	8.17E+3	9.57E+3	1.18E+4	1.60E+4	1.85E+4	1.93E+4
Nd148	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Sm148	8.39E+3	8.39E+3	8.39E+3	8.39E+3	8.40E+3	8.41E+3	8.45E+3	8.48E+3	8.50E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3
Sm149	1.80E+2	1.80E+2	1.82E+2	1.88E+2	1.99E+2	2.23E+2	2.48E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2
Nd150	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Sm150	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4
Sm151	8.98E+2	8.98E+2	8.99E+2	9.01E+2	9.05E+2	9.11E+2	9.13E+2	9.13E+2	9.12E+2	9.10E+2	9.06E+2	8.99E+2	8.78E+2	8.45E+2	7.81E+2
Sm152	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3
Eu153	7.02E+3	7.02E+3	7.02E+3	7.02E+3	7.03E+3	7.05E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3
Sm154	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3
Eu154	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.02E+3	1.00E+3	9.63E+2	8.88E+2	6.97E+2	4.66E+2	2.08E+2
Gd154	1.28E+2	1.29E+2	1.29E+2	1.29E+2	1.29E+2	1.29E+2	1.31E+2	1.35E+2	1.49E+2	1.69E+2	2.09E+2	2.84E+2	4.75E+2	7.06E+2	9.64E+2
Eu155	4.38E+2	4.38E+2	4.38E+2	4.38E+2	4.38E+2	4.38E+2	4.36E+2	4.33E+2	4.23E+2	4.08E+2	3.79E+2	3.27E+2	2.11E+2	1.02E+2	2.38E+1
Gd156	4.01E+3	4.01E+3	4.01E+3	4.01E+3	4.02E+3	4.03E+3	4.07E+3	4.13E+3	4.16E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3

Gd158	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2
Tb159	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2
	Total														
Activ.	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7
Actin.	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7
FP	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6
All	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8

表 18　2 号機炉心、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2	3.98E+2
O16	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7
O17	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3
O18	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4
Cr50	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2	7.84E+2
Cr52	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Cr53	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3
Cr54	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2	5.13E+2
Fe54	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3
Fe56	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4	4.56E+4
Fe57	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3
Fe58	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2
Ni58	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3
Ni60	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3
Ni62	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2
Zr90	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6
Zr91	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6
Zr92	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6
Zr93	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.43E+3	2.43E+3	2.42E+3	2.38E+3	2.33E+3	2.23E+3	1.94E+3	1.55E+3
Zr94	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6
Zr96	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Mo95	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2	9.76E+2
Mo97	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3
Sn112	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3
Sn114	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3
Sn115	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2	9.97E+2
Sn116	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4

Sn117	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn119	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Sn118	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4
Sn120	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4
Sn124	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4
Sn122	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4
	Actinide														
U234	1.32E+3	2.74E+3	4.47E+3	6.42E+3	7.91E+3	8.06E+3	8.05E+3	8.02E+3	7.98E+3	7.89E+3	7.64E+3	7.26E+3	6.65E+3	5.59E+3	4.99E+3
U235	1.70E+6	1.70E+6	1.70E+6	1.70E+6	1.71E+6	1.71E+6	1.72E+6	1.75E+6	1.80E+6	1.87E+6	1.99E+6	2.06E+6	2.08E+6	2.09E+6	2.08E+6
U236	2.99E+5	2.99E+5	3.00E+5	3.01E+5	3.05E+5	3.11E+5	3.22E+5	3.49E+5	3.78E+5	4.06E+5	4.19E+5	4.19E+5	4.18E+5	4.15E+5	4.08E+5
U238	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7
Np237	2.53E+4	2.82E+4	3.36E+4	4.34E+4	6.52E+4	8.45E+4	9.71E+4	1.00E+5	1.00E+5	9.97E+4	9.88E+4	9.72E+4	9.41E+4	8.54E+4	7.26E+4
Pu238	6.83E+3	5.39E+3	3.64E+3	1.66E+3	1.58E+2	3.51E+0	3.81E−3	6.81E−9	8.54E−19	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	3.89E+5	3.88E+5	3.88E+5	3.87E+5	3.84E+5	3.78E+5	3.68E+5	3.38E+5	2.94E+5	2.21E+5	9.34E+4	2.21E+4	1.24E+3	2.20E−1	7.72E−5
Pu240	1.23E+5	1.23E+5	1.23E+5	1.21E+5	1.18E+5	1.11E+5	1.00E+5	7.29E+4	4.29E+4	1.49E+4	6.18E+2	3.08E+0	1.45E−4	6.87E−5	6.85E−5
Pu241	2.82E+4	6.65E+3	5.99E+2	4.96E+0	9.15E−2	8.78E−2	8.09E−2	6.34E−2	4.21E−2	1.86E−2	1.61E−3	2.73E−5	7.85E−9	1.86E−19	0.00E+0
Pu242	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.41E+4	2.41E+4	2.41E+4	2.40E+4	2.37E+4	2.33E+4	2.21E+4	2.02E+4	1.69E+4	9.87E+3	4.03E+3
Am241	4.81E+4	6.67E+4	6.73E+4	5.79E+4	3.58E+4	1.60E+4	3.23E+3	2.83E+1	1.27E+0	5.60E−1	4.84E−2	8.21E−4	2.48E−7	5.87E−18	0.00E+0
Am243	4.02E+3	4.01E+3	3.99E+3	3.95E+3	3.84E+3	3.67E+3	3.34E+3	2.52E+3	1.58E+3	6.16E+2	3.68E+1	3.36E−1	5.29E−5	2.46E−5	2.40E−5
Cm244	4.99E+2	1.58E+2	2.34E+1	5.09E−1	5.24E−6	2.56E−14	6.11E−31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2	2.00E+2
Se79	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.51E+2	3.50E+2	3.50E+2	3.49E+2	3.47E+2	3.43E+2	3.33E+2	3.15E+2	2.83E+2	2.06E+2	1.21E+2
Se80	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2	9.62E+2
Se82	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3
Br81	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3
Kr83	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3	3.03E+3
Kr84	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3	7.57E+3
Kr85	5.93E+2	8.57E+1	3.42E+0	5.43E−3	2.18E−11	2.20E−25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4
Rb85	1.06E+4	1.11E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Rb87	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4	1.68E+4
Sr88	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4
Sr90	2.30E+4	1.12E+4	3.35E+3	3.00E+2	2.16E−1	1.25E−6	4.21E−17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4
Zr90	1.62E+4	2.81E+4	3.59E+4	3.90E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4
Zr91	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4	4.12E+4
Zr92	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Zr93	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.85E+4	4.85E+4	4.84E+4	4.81E+4	4.75E+4	4.64E+4	4.44E+4	3.87E+4	3.08E+4
Zr94	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4	5.15E+4
Zr96	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4	5.33E+4

Mo95	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4	5.12E+4
Mo96	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3
Mo97	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.27E+4
Mo98	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4
Mo100	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4	6.10E+4
Tc99	5.27E+4	5.27E+4	5.27E+4	5.27E+4	5.26E+4	5.25E+4	5.23E+4	5.18E+4	5.10E+4	4.93E+4	4.47E+4	3.79E+4	2.73E+4	1.02E+4	1.97E+3
Ru100	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3	5.34E+3
Ru101	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4	5.06E+4
Ru102	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4	4.92E+4
Ru104	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4	3.27E+4
Rh103	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4	3.03E+4
Pd104	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Pd105	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4
Pd106	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4	1.98E+4
Pd107	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.18E+4	1.17E+4	1.13E+4	1.07E+4
Pd108	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3	7.78E+3
Pd110	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3	2.38E+3
Ag109	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3
Cd110	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3
Cd111	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3
Cd112	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2	6.72E+2
Cd114	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2	7.47E+2
Cd116	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2	3.22E+2
Sn116	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2	1.34E+2
Sn117	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2
Sn118	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2
Sn119	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2
Sn120	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2	2.62E+2
Sn122	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2	3.34E+2
Sn124	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2	5.58E+2
Sn126	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.40E+3	1.39E+3	1.37E+3	1.32E+3	1.23E+3	1.00E+3	7.07E+2	3.54E+2	4.42E+1	1.38E+0
Sb121	2.64E+2	2.65E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2	2.66E+2
Sb123	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2
Te125	6.57E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2	6.60E+2
Te128	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3	6.16E+3
Te130	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4
I127	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3	2.62E+3
I129	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.14E+4	1.14E+4	1.12E+4	1.10E+4
Xe130	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2
Xe131	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4	2.95E+4
Xe132	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4	6.89E+4

Xe134	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4	9.88E+4
Xe136	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5
Cs133	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4	7.72E+4
Cs135	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.67E+4	2.66E+4	2.64E+4	2.60E+4	2.52E+4	2.31E+4	1.99E+4
Cs137	5.01E+4	2.51E+4	7.93E+3	7.91E+2	7.84E-1	7.74E-6	7.54E-16	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3	9.01E+3
Ba136	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Ba137	3.31E+4	5.81E+4	7.53E+4	8.24E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4	8.32E+4
Ba138	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4	8.45E+4
La139	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4	8.01E+4
Ce140	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4	8.42E+4
Ce142	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4	7.52E+4
Pr141	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4	7.37E+4
Nd142	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3
Nd143	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4
Nd144	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4	8.48E+4
Nd145	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4	4.60E+4
Nd146	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4	4.42E+4
Nd148	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Nd150	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Sm147	1.93E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4	1.94E+4
Sm148	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3	8.52E+3
Sm149	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2
Sm150	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4
Sm151	7.81E+2	6.18E+2	4.18E+2	1.91E+2	1.84E+1	3.70E-1	1.50E-4	9.93E-15	1.08E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3	7.42E+3
Sm154	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3	2.09E+3
Eu153	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3	7.06E+3
Eu154	2.08E+2	1.84E+1	3.26E-1	1.02E-4	3.10E-15	9.17E-33	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	9.64E+2	1.15E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3
Gd156	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3
Gd158	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2	8.86E+2
Tb159	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2	1.30E+2
	Total														
Activ.	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7
Actin.	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7	9.18E+7
FP	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6
All	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8

表 19　3 号機炉心、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2
O16	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7
O17	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3
O18	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4
Cr50	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2
Cr52	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Cr53	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3
Cr54	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.10E+2	5.11E+2	5.11E+2	5.11E+2
Fe54	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3
Fe56	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4
Fe57	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3
Fe58	1.55E+2	1.55E+2	1.55E+2	1.55E+2	1.55E+2	1.55E+2	1.55E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2
Ni58	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3
Ni60	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3
Ni62	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2
Zr90	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6
Zr91	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6
Zr92	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6
Zr93	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3
Zr94	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6
Zr96	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Mo95	7.77E+2	7.77E+2	7.77E+2	7.77E+2	7.78E+2	7.79E+2	7.86E+2	8.04E+2	8.50E+2	8.90E+2	9.15E+2	9.18E+2	9.19E+2	9.19E+2	9.19E+2
Mo97	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3
Sn112	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3
Sn114	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3
Sn115	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2
Sn116	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4
Sn117	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn119	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Sn118	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4
Sn120	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4
Sn124	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4
Sn122	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4
	Actinide														
U234	9.68E+2	9.68E+2	9.68E+2	9.69E+2	9.69E+2	9.69E+2	9.70E+2	9.74E+2	9.86E+2	1.00E+3	1.04E+3	1.11E+3	1.33E+3	1.68E+3	2.35E+3
U235	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6

U236	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.85E+5	2.86E+5
U237	4.23E+2	4.21E+2	4.17E+2	4.05E+2	3.81E+2	3.11E+2	1.51E+2	1.94E+1	4.35E-2	2.50E-3	2.44E-3	2.32E-3	2.01E-3	1.58E-3	9.77E-4
U238	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7
Np237	2.20E+4	2.20E+4	2.20E+4	2.20E+4	2.21E+4	2.21E+4	2.23E+4	2.24E+4	2.24E+4	2.24E+4	2.25E+4	2.25E+4	2.26E+4	2.28E+4	2.35E+4
Np239	5.01E+3	4.97E+3	4.86E+3	4.46E+3	3.76E+3	2.09E+3	2.66E+2	7.42E-1	3.32E-3	3.32E-3	3.32E-3	3.32E-3	3.32E-3	3.31E-3	3.31E-3
Pu238	8.73E+3	8.73E+3	8.73E+3	8.74E+3	8.75E+3	8.77E+3	8.81E+3	8.87E+3	9.02E+3	9.19E+3	9.36E+3	9.43E+3	9.25E+3	8.89E+3	8.22E+3
Pu239	4.52E+5	4.52E+5	4.52E+5	4.52E+5	4.53E+5	4.55E+5	4.56E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.56E+5
Pu240	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5	1.61E+5
Pu241	8.26E+4	8.26E+4	8.26E+4	8.26E+4	8.26E+4	8.26E+4	8.25E+4	8.23E+4	8.16E+4	8.07E+4	7.87E+4	7.50E+4	6.49E+4	5.10E+4	3.15E+4
Pu242	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4
Am241	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.41E+3	4.43E+3	4.50E+3	4.72E+3	5.37E+3	6.33E+3	8.27E+3	1.20E+4	2.20E+4	3.56E+4	5.44E+4
Am243	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.86E+3	3.85E+3
Cm242	8.48E+2	8.48E+2	8.49E+2	8.49E+2	8.49E+2	8.43E+2	8.19E+2	7.52E+2	5.83E+2	3.98E+2	1.81E+2	3.85E+1	5.13E-1	1.44E-1	1.37E-1
Cm244	9.05E+2	9.05E+2	9.05E+2	9.05E+2	9.05E+2	9.04E+2	9.04E+2	9.02E+2	8.96E+2	8.88E+2	8.71E+2	8.38E+2	7.47E+2	6.17E+2	4.21E+2
	FP														
H3	3.30E+0	3.30E+0	3.30E+0	3.30E+0	3.30E+0	3.29E+0	3.29E+0	3.28E+0	3.25E+0	3.21E+0	3.12E+0	2.95E+0	2.49E+0	1.88E+0	1.07E+0
Se78	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2
Se79	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2	3.33E+2
Se80	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2
Br81	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3
Se82	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3
Kr83	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3
Kr84	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3
Kr85	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.04E+3	2.03E+3	2.03E+3	2.02E+3	2.00E+3	1.97E+3	1.91E+3	1.79E+3	1.47E+3	1.07E+3	5.61E+2
Rb85	8.54E+3	8.54E+3	8.54E+3	8.54E+3	8.54E+3	8.55E+3	8.55E+3	8.56E+3	8.58E+3	8.61E+3	8.67E+3	8.79E+3	9.11E+3	9.51E+3	1.00E+4
Kr86	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4
Rb87	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4
Sr88	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sr89	2.19E+3	2.19E+3	2.18E+3	2.18E+3	2.16E+3	2.10E+3	1.91E+3	1.45E+3	6.37E+2	1.85E+2	1.46E+1	9.74E-2	2.89E-8	3.82E-19	0.00E+0
Y89	2.82E+4	2.82E+4	2.82E+4	2.83E+4	2.83E+4	2.83E+4	2.85E+4	2.90E+4	2.98E+4	3.02E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4
Sr90	3.53E+4	3.53E+4	3.53E+4	3.53E+4	3.53E+4	3.53E+4	3.53E+4	3.52E+4	3.51E+4	3.49E+4	3.45E+4	3.36E+4	3.13E+4	2.77E+4	2.18E+4
Zr90	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.86E+3	1.91E+3	2.05E+3	2.26E+3	2.68E+3	3.50E+3	5.85E+3	9.41E+3	1.54E+4
Y91	3.19E+3	3.19E+3	3.19E+3	3.19E+3	3.18E+3	3.11E+3	2.86E+3	2.26E+3	1.11E+3	3.81E+2	4.25E+1	5.61E-1	1.29E-6	5.19E-16	2.34E-35
Zr91	3.57E+4	3.57E+4	3.57E+4	3.58E+4	3.58E+4	3.59E+4	3.61E+4	3.67E+4	3.79E+4	3.86E+4	3.89E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Zr92	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4
Zr93	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4
Zr94	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4
Zr95	4.63E+3	4.63E+3	4.62E+3	4.61E+3	4.58E+3	4.48E+3	4.16E+3	3.35E+3	1.75E+3	6.60E+2	8.87E+1	1.70E+0	1.20E-5	3.09E-14	2.06E-31
Nb95	2.24E+3	2.24E+3	2.24E+3	2.24E+3	2.25E+3	2.26E+3	2.27E+3	2.19E+3	1.54E+3	7.00E+2	1.04E+2	2.11E+0	1.44E-5	3.72E-14	2.24E-33
Mo95	4.16E+4	4.16E+4	4.16E+4	4.16E+4	4.16E+4	4.17E+4	4.20E+4	4.29E+4	4.52E+4	4.71E+4	4.83E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4
Zr96	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4

Mo96	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3
Mo97	4.97E+4	4.97E+4	4.97E+4	4.97E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4
Mo98	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4
Tc99	4.95E+4	4.95E+4	4.95E+4	4.95E+4	4.96E+4	4.97E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4
Mo100	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4
Ru100	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3
Ru101	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4
Ru102	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4
Ru103	2.72E+3	2.72E+3	2.71E+3	2.70E+3	2.67E+3	2.58E+3	2.28E+3	1.60E+3	5.55E+2	1.13E+2	4.30E+0	6.81E-3	2.70E-11	2.68E-25	0.00E+0
Rh103	2.63E+4	2.64E+4	2.64E+4	2.64E+4	2.64E+4	2.65E+4	2.68E+4	2.75E+4	2.85E+4	2.90E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4
Ru104	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4
Pd104	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4
Pd105	2.10E+4	2.10E+4	2.10E+4	2.10E+4	2.10E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4
Ru106	6.95E+3	6.95E+3	6.95E+3	6.94E+3	6.94E+3	6.91E+3	6.82E+3	6.57E+3	5.88E+3	4.98E+3	3.53E+3	1.79E+3	2.35E+2	7.92E+0	9.07E-3
Pd106	1.15E+4	1.15E+4	1.15E+4	1.16E+4	1.16E+4	1.16E+4	1.17E+4	1.19E+4	1.26E+4	1.35E+4	1.50E+4	1.67E+4	1.83E+4	1.85E+4	1.85E+4
Pd107	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Pd108	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3
Ag109	4.62E+3	4.62E+3	4.62E+3	4.62E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3
Pd110	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3
Cd110	1.65E+3	1.65E+3	1.65E+3	1.65E+3	1.65E+3	1.65E+3	1.65E+3	1.66E+3	1.66E+3	1.67E+3	1.67E+3	1.68E+3	1.69E+3	1.69E+3	1.69E+3
Cd111	1.14E+3	1.14E+3	1.14E+3	1.14E+3	1.14E+3	1.15E+3	1.15E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3
Cd112	6.27E+2	6.27E+2	6.27E+2	6.27E+2	6.27E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2
Cd114	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2
Cd116	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2
Sn116	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2
Sn117	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2
Sn118	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2
Sn119	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.50E+2	2.51E+2	2.51E+2	2.51E+2
Sn120	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2
Sb121	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.49E+2	2.50E+2
Sn122	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2
Sb123	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.00E+2	3.01E+2	3.01E+2	3.02E+2	3.03E+2	3.04E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2
Sn124	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2
Sb125	4.09E+2	4.09E+2	4.09E+2	4.09E+2	4.09E+2	4.09E+2	4.08E+2	4.03E+2	3.87E+2	3.64E+2	3.20E+2	2.49E+2	1.17E+2	3.34E+1	2.70E+0
Te125	2.04E+2	2.04E+2	2.04E+2	2.04E+2	2.04E+2	2.04E+2	2.06E+2	2.12E+2	2.28E+2	2.51E+2	2.96E+2	3.68E+2	5.03E+2	5.89E+2	6.20E+2
Sn126	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3
I127	2.41E+3	2.41E+3	2.41E+3	2.41E+3	2.41E+3	2.42E+3	2.43E+3	2.44E+3	2.45E+3	2.46E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3
Te128	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3
I129	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4
Te130	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4
Xe130	3.26E+2	3.26E+2	3.26E+2	3.26E+2	3.26E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2

Xe131	2.77E+4	2.77E+4	2.77E+4	2.77E+4	2.77E+4	2.78E+4	2.80E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4
Xe132	6.43E+4	6.43E+4	6.44E+4	6.44E+4	6.44E+4	6.45E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4
Cs133	7.22E+4	7.22E+4	7.22E+4	7.23E+4	7.23E+4	7.25E+4	7.28E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4
Xe134	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4
Cs134	5.26E+3	5.26E+3	5.26E+3	5.26E+3	5.26E+3	5.25E+3	5.22E+3	5.12E+3	4.85E+3	4.46E+3	3.76E+3	2.69E+3	9.82E+2	1.83E+2	6.39E+0
Ba134	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.90E+3	2.94E+3	3.03E+3	3.30E+3	3.69E+3	4.39E+3	5.46E+3	7.17E+3	7.97E+3	8.14E+3
Cs135	2.59E+4	2.59E+4	2.59E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4
Xe136	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5
Ba136	9.44E+2	9.44E+2	9.44E+2	9.45E+2	9.46E+2	9.48E+2	9.56E+2	9.68E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2
Cs137	7.50E+4	7.50E+4	7.50E+4	7.50E+4	7.50E+4	7.50E+4	7.50E+4	7.49E+4	7.46E+4	7.42E+4	7.33E+4	7.17E+4	6.69E+4	5.96E+4	4.73E+4
Ba137	3.50E+3	3.50E+3	3.50E+3	3.50E+3	3.50E+3	3.51E+3	3.55E+3	3.64E+3	3.92E+3	4.35E+3	5.21E+3	6.88E+3	1.17E+4	1.89E+4	3.12E+4
Ba138	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4
La139	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4
Ce140	7.78E+4	7.78E+4	7.78E+4	7.78E+4	7.79E+4	7.80E+4	7.85E+4	7.92E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4
Ce141	3.69E+3	3.69E+3	3.69E+3	3.67E+3	3.63E+3	3.48E+3	3.00E+3	1.96E+3	5.44E+2	7.98E+1	1.54E+0	6.36E−4	4.51E−14	5.47E−31	0.00E+0
Pr141	6.60E+4	6.60E+4	6.60E+4	6.60E+4	6.61E+4	6.62E+4	6.67E+4	6.77E+4	6.91E+4	6.96E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4
Ce142	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4
Nd142	9.55E+2	9.55E+2	9.55E+2	9.55E+2	9.56E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2
Nd143	5.25E+4	5.25E+4	5.26E+4	5.26E+4	5.26E+4	5.28E+4	5.32E+4	5.38E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4
Ce144	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.92E+4	1.88E+4	1.80E+4	1.55E+4	1.25E+4	7.94E+3	3.27E+3	2.27E+2	2.67E+0	3.70E−4
Nd144	6.02E+4	6.02E+4	6.02E+4	6.02E+4	6.03E+4	6.04E+4	6.07E+4	6.16E+4	6.40E+4	6.71E+4	7.16E+4	7.63E+4	7.93E+4	7.95E+4	7.95E+4
Nd145	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4
Nd146	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4
Pm147	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.19E+4	1.20E+4	1.21E+4	1.16E+4	1.09E+4	9.52E+3	7.31E+3	3.31E+3	8.83E+2	6.29E+1
Sm147	6.28E+3	6.28E+3	6.29E+3	6.29E+3	6.29E+3	6.31E+3	6.37E+3	6.55E+3	7.06E+3	7.79E+3	9.16E+3	1.14E+4	1.54E+4	1.78E+4	1.86E+4
Nd148	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sm148	7.64E+3	7.64E+3	7.64E+3	7.64E+3	7.65E+3	7.66E+3	7.69E+3	7.72E+3	7.75E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3
Sm149	1.91E+2	1.92E+2	1.94E+2	2.00E+2	2.10E+2	2.35E+2	2.60E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2
Nd150	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Sm150	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4
Sm151	9.19E+2	9.20E+2	9.20E+2	9.23E+2	9.26E+2	9.33E+2	9.35E+2	9.35E+2	9.34E+2	9.32E+2	9.28E+2	9.21E+2	9.00E+2	8.65E+2	8.00E+2
Sm152	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3
Eu153	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.55E+3	6.56E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3
Sm154	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3
Eu154	9.61E+2	9.61E+2	9.61E+2	9.61E+2	9.61E+2	9.60E+2	9.59E+2	9.55E+2	9.42E+2	9.24E+2	8.87E+2	8.18E+2	6.42E+2	4.29E+2	1.91E+2
Gd154	1.18E+2	1.18E+2	1.18E+2	1.18E+2	1.18E+2	1.18E+2	1.20E+2	1.24E+2	1.36E+2	1.55E+2	1.92E+2	2.61E+2	4.37E+2	6.50E+2	8.87E+2
Eu155	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.15E+2	4.11E+2	4.02E+2	3.88E+2	3.60E+2	3.11E+2	2.01E+2	9.70E+1	2.26E+1
Gd156	3.61E+3	3.61E+3	3.61E+3	3.61E+3	3.61E+3	3.63E+3	3.66E+3	3.72E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3
Gd158	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2
Tb159	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2
	Total														

Activ.	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7
Actin.	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7
FP	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6
All	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8

表 20　3 号機炉心、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2	3.75E+2
O16	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7	1.26E+7
O17	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3	5.12E+3
O18	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4
Cr50	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2	7.85E+2
Cr52	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Cr53	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3
Cr54	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2	5.11E+2
Fe54	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3	2.79E+3
Fe56	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4
Fe57	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3	1.24E+3
Fe58	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2	1.56E+2
Ni58	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3	6.42E+3
Ni60	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3
Ni62	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2	3.57E+2
Zr90	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6	9.55E+6
Zr91	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6	2.09E+6
Zr92	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6	3.25E+6
Zr93	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.29E+3	2.28E+3	2.28E+3	2.27E+3	2.24E+3	2.19E+3	2.09E+3	1.82E+3	1.45E+3
Zr94	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6	3.37E+6
Zr96	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Mo95	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2	9.19E+2
Mo97	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3	1.52E+3
Sn112	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3	2.60E+3
Sn114	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3	1.80E+3
Sn115	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2	9.99E+2
Sn116	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4
Sn117	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn119	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4	2.42E+4
Sn118	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4	6.76E+4

Sn120	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4	9.17E+4
Sn124	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4	1.63E+4
Sn122	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4
	Actinide														
U234	2.35E+3	4.05E+3	6.14E+3	8.49E+3	1.03E+4	1.05E+4	1.04E+4	1.04E+4	1.03E+4	1.02E+4	9.72E+3	9.07E+3	8.02E+3	6.17E+3	5.13E+3
U235	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.69E+6	1.70E+6	1.71E+6	1.75E+6	1.80E+6	1.89E+6	2.03E+6	2.12E+6	2.14E+6	2.14E+6	2.14E+6
U236	2.86E+5	2.86E+5	2.87E+5	2.89E+5	2.93E+5	3.01E+5	3.16E+5	3.51E+5	3.89E+5	4.25E+5	4.43E+5	4.43E+5	4.42E+5	4.38E+5	4.32E+5
U238	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.91E+7	8.92E+7	8.92E+7
Np237	2.35E+4	2.67E+4	3.28E+4	4.39E+4	6.84E+4	9.02E+4	1.04E+5	1.08E+5	1.08E+5	1.07E+5	1.06E+5	1.05E+5	1.01E+5	9.19E+4	7.82E+4
Pu238	8.22E+3	6.49E+3	4.38E+3	1.99E+3	1.91E+2	4.27E+0	4.79E-3	8.70E-9	1.09E-18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	4.56E+5	4.56E+5	4.55E+5	4.54E+5	4.50E+5	4.44E+5	4.32E+5	3.97E+5	3.44E+5	2.59E+5	1.09E+5	2.59E+4	1.45E+3	2.57E-1	5.68E-5
Pu240	1.61E+5	1.61E+5	1.60E+5	1.59E+5	1.54E+5	1.46E+5	1.31E+5	9.54E+4	5.61E+4	1.94E+4	8.08E+2	4.03E+0	1.60E-4	6.02E-5	6.00E-5
Pu241	3.15E+4	7.44E+3	6.71E+2	5.52E+0	7.34E-2	7.05E-2	6.50E-2	5.09E-2	3.38E-2	1.50E-2	1.30E-3	2.20E-5	6.30E-9	1.49E-19	0.00E+0
Pu242	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.79E+4	2.78E+4	2.75E+4	2.70E+4	2.56E+4	2.34E+4	1.96E+4	1.14E+4	4.67E+3
Am241	5.44E+4	7.52E+4	7.58E+4	6.52E+4	4.03E+4	1.81E+4	3.64E+3	3.12E+1	1.03E+0	4.49E-1	3.89E-2	6.59E-4	1.99E-7	4.71E-18	0.00E+0
Am243	3.85E+3	3.84E+3	3.82E+3	3.79E+3	3.68E+3	3.51E+3	3.20E+3	2.41E+3	1.51E+3	5.90E+2	3.53E+1	3.22E-1	4.52E-5	1.81E-5	1.77E-5
Cm244	4.21E+2	1.33E+2	1.97E+1	4.29E-1	4.42E-6	2.16E-14	5.15E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2	1.89E+2
Se79	3.33E+2	3.33E+2	3.33E+2	3.32E+2	3.32E+2	3.32E+2	3.32E+2	3.31E+2	3.29E+2	3.26E+2	3.15E+2	2.99E+2	2.69E+2	1.95E+2	1.14E+2
Se80	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2
Se82	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3	2.13E+3
Br81	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3
Kr83	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3	2.89E+3
Kr84	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3	7.13E+3
Kr85	5.61E+2	8.11E+1	3.23E+0	5.14E-3	2.06E-11	2.08E-25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4	1.42E+4
Rb85	1.00E+4	1.05E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Rb87	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4	1.59E+4
Sr88	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sr90	2.18E+4	1.06E+4	3.17E+3	2.84E+2	2.05E-1	1.19E-6	3.98E-17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4	3.04E+4
Zr90	1.54E+4	2.66E+4	3.40E+4	3.69E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4	3.72E+4
Zr91	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Zr92	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4	4.13E+4
Zr93	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.59E+4	4.58E+4	4.57E+4	4.55E+4	4.49E+4	4.39E+4	4.19E+4	3.66E+4	2.91E+4
Zr94	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4	4.86E+4
Zr96	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4	5.04E+4
Mo95	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4	4.85E+4
Mo96	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3
Mo97	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4

Mo98	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4	5.11E+4
Mo100	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4	5.76E+4
Tc99	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.97E+4	4.96E+4	4.95E+4	4.90E+4	4.82E+4	4.66E+4	4.22E+4	3.58E+4	2.58E+4	9.64E+3	1.87E+3
Ru100	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3
Ru101	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4	4.78E+4
Ru102	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4	4.63E+4
Ru104	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4	3.08E+4
Rh103	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4
Pd104	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4
Pd105	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4
Pd106	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4	1.85E+4
Pd107	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.11E+4	1.11E+4	1.10E+4	1.06E+4	1.01E+4
Pd108	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3	7.29E+3
Pd110	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3	2.23E+3
Ag109	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3
Cd110	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3
Cd111	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3
Cd112	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2	6.28E+2
Cd114	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2	7.00E+2
Cd116	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2	3.03E+2
Sn116	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2	1.22E+2
Sn117	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.83E+2
Sn118	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2
Sn119	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2
Sn120	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2
Sn122	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2	3.15E+2
Sn124	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2
Sn126	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.33E+3	1.32E+3	1.32E+3	1.29E+3	1.24E+3	1.16E+3	9.43E+2	6.67E+2	3.33E+2	4.17E+1	1.30E+0
Sb121	2.50E+2	2.50E+2	2.51E+2	2.51E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2	2.52E+2
Sb123	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2	3.05E+2
Te125	6.20E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2	6.23E+2
Te128	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3	5.81E+3
Te130	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4
I127	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3	2.47E+3
I129	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.06E+4	1.04E+4
Xe130	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2	3.27E+2
Xe131	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4	2.82E+4
Xe132	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4	6.46E+4
Xe134	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4
Xe136	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5
Cs133	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4	7.30E+4

Cs135	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.59E+4	2.58E+4	2.56E+4	2.52E+4	2.45E+4	2.24E+4	1.93E+4
Cs137	4.73E+4	2.37E+4	7.48E+3	7.46E+2	7.41E−1	7.31E−6	7.12E−16	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	8.14E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3	8.15E+3
Ba136	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2
Ba137	3.12E+4	5.48E+4	7.11E+4	7.78E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4	7.85E+4
Ba138	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4
La139	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4	7.57E+4
Ce140	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4	7.96E+4
Ce142	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4
Pr141	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4	6.97E+4
Nd142	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2	9.57E+2
Nd143	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4	5.42E+4
Nd144	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4	7.95E+4
Nd145	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4	4.36E+4
Nd146	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4	4.15E+4
Nd148	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Nd150	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Sm147	1.86E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4
Sm148	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3	7.76E+3
Sm149	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2
Sm150	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4
Sm151	8.00E+2	6.33E+2	4.28E+2	1.96E+2	1.88E+1	3.79E−1	1.53E−4	1.02E−14	1.10E−31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3
Sm154	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3
Eu153	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3	6.58E+3
Eu154	1.91E+2	1.70E+1	3.00E−1	9.37E−5	2.85E−15	8.48E−33	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	8.87E+2	1.06E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3
Gd156	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3	3.76E+3
Gd158	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2	8.21E+2
Tb159	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2	1.21E+2
	Total														
Activ.	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7	3.18E+7
Actin.	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7	9.19E+7
FP	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6	2.12E+6
All	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8	1.26E+8

表 21　1 号機使用済燃料プール、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2
O16	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6
O17	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3
O18	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4
Cr50	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2
Cr52	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3
Cr53	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2
Cr54	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2
Fe54	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3
Fe56	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4
Fe57	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2
Fe58	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1
Ni58	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3
Ni60	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3
Ni62	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2
Zr90	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6
Zr91	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6
Zr92	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6
Zr93	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3
Zr94	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6
Zr96	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5
Mo95	7.74E+2	7.74E+2	7.74E+2	7.74E+2	7.74E+2	7.74E+2	7.74E+2	7.74E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2
Mo97	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Sn112	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3
Sn114	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2
Sn115	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2
Sn116	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn117	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4
Sn119	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4
Sn118	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4
Sn120	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4
Sn124	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3
Sn122	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3
	Actinide														
U234	5.06E+2	5.06E+2	5.06E+2	5.06E+2	5.06E+2	5.07E+2	5.08E+2	5.13E+2	5.26E+2	5.45E+2	5.85E+2	6.64E+2	8.96E+2	1.27E+3	1.98E+3
U235	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5	5.97E+5

U236	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5	2.08E+5
U238	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7
Np237	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.07E+4	2.10E+4	2.16E+4
Pu238	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.01E+4	9.86E+3	9.48E+3	8.76E+3
Pu239	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5	2.44E+5
Pu240	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.62E+4	9.63E+4	9.65E+4	9.66E+4
Pu241	4.75E+4	4.75E+4	4.75E+4	4.75E+4	4.75E+4	4.75E+4	4.75E+4	4.73E+4	4.70E+4	4.64E+4	4.53E+4	4.32E+4	3.74E+4	2.94E+4	1.81E+4
Pu242	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4
Am241	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.48E+4	1.51E+4	1.57E+4	1.68E+4	1.89E+4	2.46E+4	3.24E+4	4.30E+4
Am243	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.63E+3	4.62E+3	4.62E+3
Cm242	8.51E+1	8.51E+1	8.50E+1	8.49E+1	8.47E+1	8.40E+1	8.15E+1	7.49E+1	5.81E+1	3.97E+1	1.82E+1	3.99E+0	2.09E−1	1.69E−1	1.61E−1
Cm244	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.24E+3	1.23E+3	1.22E+3	1.20E+3	1.15E+3	1.03E+3	8.50E+2	5.80E+2
	FP														
H3	1.85E+0	1.85E+0	1.85E+0	1.85E+0	1.85E+0	1.85E+0	1.85E+0	1.84E+0	1.83E+0	1.80E+0	1.75E+0	1.66E+0	1.40E+0	1.06E+0	6.03E−1
Se78	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2
Se79	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2
Se80	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2
Br81	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3
Se82	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Kr83	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3
Kr84	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3
Kr85	9.66E+2	9.66E+2	9.66E+2	9.66E+2	9.66E+2	9.66E+2	9.65E+2	9.61E+2	9.51E+2	9.36E+2	9.06E+2	8.49E+2	7.00E+2	5.07E+2	2.66E+2
Rb85	7.34E+3	7.34E+3	7.34E+3	7.34E+3	7.34E+3	7.34E+3	7.34E+3	7.35E+3	7.36E+3	7.37E+3	7.40E+3	7.46E+3	7.61E+3	7.80E+3	8.04E+3
Kr86	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4
Rb87	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4
Sr88	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4
Sr89	1.46E+0	1.46E+0	1.46E+0	1.46E+0	1.44E+0	1.41E+0	1.28E+0	9.71E−1	4.26E−1	1.24E−1	9.77E−3	6.52E−5	1.93E−11	2.55E−22	0.00E+0
Y89	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4
Sr90	2.22E+4	2.22E+4	2.22E+4	2.22E+4	2.22E+4	2.22E+4	2.22E+4	2.22E+4	2.21E+4	2.20E+4	2.17E+4	2.12E+4	1.97E+4	1.75E+4	1.37E+4
Zr90	6.85E+3	6.85E+3	6.85E+3	6.85E+3	6.85E+3	6.85E+3	6.86E+3	6.89E+3	6.98E+3	7.11E+3	7.38E+3	7.89E+3	9.37E+3	1.16E+4	1.54E+4
Y91	4.41E+0	4.41E+0	4.40E+0	4.39E+0	4.36E+0	4.26E+0	3.92E+0	3.09E+0	1.52E+0	5.23E−1	5.82E−2	7.69E−4	1.77E−9	7.11E−19	0.00E+0
Zr91	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4
Zr92	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4
Zr93	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4	3.66E+4
Zr94	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4
Zr95	1.04E+1	1.04E+1	1.04E+1	1.04E+1	1.03E+1	1.01E+1	9.36E+0	7.54E+0	3.94E+0	1.49E+0	2.00E−1	3.83E−3	2.70E−8	6.96E−17	4.63E−34
Nb95	1.27E+1	1.27E+1	1.27E+1	1.27E+1	1.26E+1	1.23E+1	1.14E+1	9.18E+0	4.77E+0	1.79E+0	2.41E−1	4.76E−3	3.25E−8	8.39E−17	0.00E+0
Mo95	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4
Zr96	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4
Mo96	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3
Mo97	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4

Mo98	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4
Tc99	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.93E+4
Mo100	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4
Ru100	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3
Ru101	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Ru102	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Ru103	6.72E-1	6.71E-1	6.70E-1	6.67E-1	6.60E-1	6.37E-1	5.63E-1	3.96E-1	1.37E-1	2.80E-2	1.06E-3	1.69E-6	6.69E-15	6.64E-29	0.00E+0
Rh103	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4
Ru104	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4
Pd104	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Pd105	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4
Ru106	9.06E+2	9.06E+2	9.05E+2	9.05E+2	9.04E+2	9.01E+2	8.89E+2	8.57E+2	7.66E+2	6.49E+2	4.60E+2	2.34E+2	3.06E+1	1.03E+0	1.18E-3
Pd106	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.62E+4	1.63E+4	1.65E+4	1.68E+4	1.70E+4	1.70E+4	1.70E+4
Pd107	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4
Pd108	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3
Ag109	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3
Pd110	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3
Cd110	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3
Cd111	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3
Cd112	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2
Cd114	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2
Cd116	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2
Sn116	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2
Sn117	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2
Sn118	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2
Sn119	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2
Sn120	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2
Sb121	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2	2.10E+2
Sn122	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2
Sb123	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2
Sn124	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2
Sb125	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.08E+2	1.07E+2	1.06E+2	1.02E+2	9.55E+1	8.41E+1	6.54E+1	3.08E+1	8.76E+0	7.09E-1
Te125	4.26E+2	4.26E+2	4.26E+2	4.26E+2	4.26E+2	4.26E+2	4.27E+2	4.28E+2	4.33E+2	4.39E+2	4.51E+2	4.70E+2	5.05E+2	5.27E+2	5.36E+2
Sn126	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3
I127	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3
Te128	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3
I129	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3
Te130	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4
Xe130	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2
Xe131	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4
Xe132	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4

Cs133	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4
Xe134	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4
Cs134	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.83E+3	1.82E+3	1.81E+3	1.78E+3	1.68E+3	1.55E+3	1.31E+3	9.34E+2	3.41E+2	6.37E+1	2.22E+0
Ba134	7.05E+3	7.05E+3	7.05E+3	7.05E+3	7.05E+3	7.05E+3	7.07E+3	7.10E+3	7.19E+3	7.33E+3	7.57E+3	7.94E+3	8.54E+3	8.81E+3	8.87E+3
Cs135	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4
Xe136	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5
Ba136	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3
Cs137	5.09E+4	5.09E+4	5.09E+4	5.09E+4	5.09E+4	5.09E+4	5.09E+4	5.08E+4	5.06E+4	5.03E+4	4.97E+4	4.86E+4	4.54E+4	4.04E+4	3.21E+4
Ba137	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.36E+4	1.36E+4	1.36E+4	1.38E+4	1.41E+4	1.47E+4	1.58E+4	1.91E+4	2.40E+4	3.23E+4
Ba138	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4
La139	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4
Ce140	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4
Ce141	2.04E-1	2.03E-1	2.03E-1	2.02E-1	1.99E-1	1.91E-1	1.64E-1	1.07E-1	2.99E-2	4.38E-3	8.42E-5	3.49E-8	2.47E-18	3.00E-35	0.00E+0
Pr141	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4
Ce142	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4
Nd142	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3
Nd143	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4
Ce144	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.14E+3	1.12E+3	1.07E+3	9.25E+2	7.43E+2	4.74E+2	1.95E+2	1.36E+1	1.60E-1	2.21E-5
Nd144	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.67E+4	6.67E+4	6.67E+4	6.69E+4	6.71E+4	6.73E+4	6.76E+4	6.78E+4	6.78E+4	6.78E+4
Nd145	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4
Nd146	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4
Pm147	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.55E+3	2.54E+3	2.53E+3	2.49E+3	2.39E+3	2.24E+3	1.96E+3	1.50E+3	6.80E+2	1.82E+2	1.29E+1
Sm147	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.18E+4	1.19E+4	1.20E+4	1.21E+4	1.24E+4	1.29E+4	1.37E+4	1.42E+4	1.44E+4
Nd148	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4
Sm148	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3
Sm149	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2
Nd150	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3
Sm150	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4
Sm151	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.16E+2	5.16E+2	5.15E+2	5.13E+2	5.09E+2	4.97E+2	4.78E+2	4.42E+2
Sm152	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3
Eu153	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3
Sm154	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3
Eu154	7.05E+2	7.05E+2	7.05E+2	7.05E+2	7.05E+2	7.04E+2	7.03E+2	7.00E+2	6.91E+2	6.77E+2	6.50E+2	6.00E+2	4.71E+2	3.14E+2	1.40E+2
Gd154	4.61E+2	4.61E+2	4.61E+2	4.61E+2	4.61E+2	4.61E+2	4.63E+2	4.66E+2	4.75E+2	4.88E+2	5.16E+2	5.66E+2	6.95E+2	8.51E+2	1.03E+3
Eu155	2.33E+2	2.33E+2	2.33E+2	2.33E+2	2.33E+2	2.33E+2	2.32E+2	2.30E+2	2.25E+2	2.17E+2	2.01E+2	1.74E+2	1.12E+2	5.43E+1	1.27E+1
Gd156	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3
Gd158	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2
Tb159	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2
	Total														
Activ.	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7
Actin.	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7

FP	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6
All	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7

表 22　1 号機使用済燃料プール、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2	3.20E+2
O16	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6	6.76E+6
O17	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3
O18	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4
Cr50	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2	4.16E+2
Cr52	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3	8.58E+3
Cr53	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2	9.74E+2
Cr54	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2	2.87E+2
Fe54	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3
Fe56	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4	2.44E+4
Fe57	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2	7.12E+2
Fe58	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1	8.55E+1
Ni58	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3	3.43E+3
Ni60	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3
Ni62	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2
Zr90	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6	5.12E+6
Zr91	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6
Zr92	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6
Zr93	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.95E+3	1.95E+3	1.94E+3	1.91E+3	1.87E+3	1.79E+3	1.56E+3	1.24E+3
Zr94	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6
Zr96	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5	2.95E+5
Mo95	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2	7.75E+2
Mo97	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Sn112	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3	1.38E+3
Sn114	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2	9.69E+2
Sn115	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2	5.26E+2
Sn116	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4	2.14E+4
Sn117	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4
Sn119	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4	1.30E+4
Sn118	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4	3.62E+4
Sn120	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4	4.91E+4
Sn124	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3	8.72E+3

Sn122	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3	7.08E+3
	Actinide														
U234	1.98E+3	3.80E+3	6.02E+3	8.53E+3	1.04E+4	1.06E+4	1.06E+4	1.05E+4	1.04E+4	1.02E+4	9.58E+3	8.65E+3	7.14E+3	4.51E+3	3.02E+3
U235	5.97E+5	5.97E+5	5.97E+5	5.98E+5	6.00E+5	6.04E+5	6.10E+5	6.29E+5	6.57E+5	7.03E+5	7.83E+5	8.28E+5	8.41E+5	8.41E+5	8.41E+5
U236	2.08E+5	2.08E+5	2.09E+5	2.10E+5	2.12E+5	2.17E+5	2.26E+5	2.47E+5	2.70E+5	2.92E+5	3.02E+5	3.02E+5	3.02E+5	2.99E+5	2.94E+5
U238	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7	4.74E+7
Np237	2.16E+4	2.39E+4	2.83E+4	3.62E+4	5.35E+4	6.90E+4	7.91E+4	8.15E+4	8.14E+4	8.12E+4	8.04E+4	7.91E+4	7.66E+4	6.95E+4	5.91E+4
Pu238	8.76E+3	6.92E+3	4.67E+3	2.13E+3	2.04E+2	4.62E+0	5.47E−3	1.02E−8	1.28E−18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	2.44E+5	2.44E+5	2.44E+5	2.43E+5	2.41E+5	2.38E+5	2.32E+5	2.13E+5	1.86E+5	1.40E+5	5.94E+4	1.41E+4	7.90E+2	1.40E−1	1.25E−4
Pu240	9.66E+4	9.67E+4	9.63E+4	9.54E+4	9.24E+4	8.76E+4	7.88E+4	5.73E+4	3.37E+4	1.17E+4	4.85E+2	2.42E+0	1.41E−4	8.10E−5	8.08E−5
Pu241	1.81E+4	4.28E+3	3.86E+2	3.26E+0	1.26E−1	1.21E−1	1.12E−1	8.74E−2	5.81E−2	2.57E−2	2.23E−3	3.77E−5	1.08E−8	2.56E−19	0.00E+0
Pu242	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.37E+4	2.36E+4	2.34E+4	2.30E+4	2.18E+4	1.99E+4	1.66E+4	9.72E+3	3.97E+3
Am241	4.30E+4	5.44E+4	5.39E+4	4.63E+4	2.86E+4	1.28E+4	2.58E+3	2.37E+1	1.75E+0	7.72E−1	6.68E−2	1.13E−3	3.42E−7	8.10E−18	0.00E+0
Am243	4.62E+3	4.61E+3	4.58E+3	4.54E+3	4.42E+3	4.21E+3	3.84E+3	2.89E+3	1.81E+3	7.07E+2	4.23E+1	3.86E−1	7.25E−5	3.97E−5	3.89E−5
Cm244	5.80E+2	1.84E+2	2.71E+1	5.90E−1	6.09E−6	2.97E−14	7.09E−31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2	1.54E+2
Se79	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.63E+2	2.62E+2	2.62E+2	2.60E+2	2.57E+2	2.49E+2	2.36E+2	2.12E+2	1.54E+2	9.05E+1
Se80	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2	7.34E+2
Se82	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Br81	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3
Kr83	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3	2.16E+3
Kr84	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3
Kr85	2.66E+2	3.85E+1	1.53E+0	2.45E−3	9.81E−12	9.92E−26	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4
Rb85	8.04E+3	8.27E+3	8.30E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3	8.31E+3
Rb87	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4
Sr88	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4
Sr90	1.37E+4	6.66E+3	1.99E+3	1.79E+2	1.29E−1	7.47E−7	2.51E−17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4	2.38E+4
Zr90	1.54E+4	2.24E+4	2.71E+4	2.89E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4	2.91E+4
Zr91	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4	3.06E+4
Zr92	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4	3.28E+4
Zr93	3.66E+4	3.66E+4	3.66E+4	3.65E+4	3.65E+4	3.65E+4	3.65E+4	3.65E+4	3.64E+4	3.62E+4	3.57E+4	3.49E+4	3.34E+4	2.91E+4	2.32E+4
Zr94	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4
Zr96	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4	4.07E+4
Mo95	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4	3.83E+4
Mo96	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3	2.25E+3
Mo97	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4
Mo98	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4	4.18E+4
Mo100	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4

Tc99	3.93E+4	3.93E+4	3.93E+4	3.93E+4	3.92E+4	3.92E+4	3.90E+4	3.87E+4	3.80E+4	3.68E+4	3.33E+4	2.83E+4	2.04E+4	7.61E+3	1.47E+3
Ru100	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3	5.19E+3
Ru101	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Ru102	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4	3.90E+4
Ru104	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4	2.68E+4
Rh103	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4	2.21E+4
Pd104	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4
Pd105	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4	1.89E+4
Pd106	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4
Pd107	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.04E+4	1.04E+4	1.04E+4	1.02E+4	9.93E+3	9.41E+3
Pd108	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3	6.91E+3
Pd110	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3
Ag109	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3	4.11E+3
Cd110	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3
Cd111	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3
Cd112	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2	5.85E+2
Cd114	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2	6.25E+2
Cd116	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2	2.60E+2
Sn116	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2	1.25E+2
Sn117	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2	2.47E+2
Sn118	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2	2.05E+2
Sn119	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2	2.15E+2
Sn120	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2
Sn122	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2	2.70E+2
Sn124	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2	4.51E+2
Sn126	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.16E+3	1.15E+3	1.15E+3	1.12E+3	1.08E+3	1.01E+3	8.22E+2	5.81E+2	2.90E+2	3.63E+1	1.14E+0
Sb121	2.10E+2	2.11E+2	2.11E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2	2.12E+2
Sb123	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2	2.57E+2
Te125	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2	5.36E+2
Te128	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3	4.86E+3
Te130	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4	1.87E+4
I127	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3	2.11E+3
I129	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.07E+3	9.06E+3	9.05E+3	9.03E+3	8.99E+3	8.87E+3	8.68E+3
Xe130	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2	3.61E+2
Xe131	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4	2.12E+4
Xe132	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4	5.54E+4
Xe134	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4
Xe136	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5
Cs133	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4	5.74E+4
Cs135	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.59E+4	2.58E+4	2.57E+4	2.55E+4	2.51E+4	2.44E+4	2.23E+4	1.92E+4
Cs137	3.21E+4	1.61E+4	5.08E+3	5.06E+2	5.02E-1	4.96E-6	4.83E-16	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Ba134	8.87E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3	8.88E+3
Ba136	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3
Ba137	3.23E+4	4.84E+4	5.94E+4	6.39E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4	6.44E+4
Ba138	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4	6.50E+4
La139	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4	6.13E+4
Ce140	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4	6.54E+4
Ce142	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4	5.75E+4
Pr141	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4	5.65E+4
Nd142	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3	1.08E+3
Nd143	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4
Nd144	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4	6.78E+4
Nd145	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4	3.43E+4
Nd146	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4	3.48E+4
Nd148	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4
Nd150	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3	8.86E+3
Sm147	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4	1.44E+4
Sm148	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3	7.56E+3
Sm149	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2	1.14E+2
Sm150	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4	1.33E+4
Sm151	4.42E+2	3.50E+2	2.37E+2	1.08E+2	1.04E+1	2.09E−1	8.47E−5	5.61E−15	6.10E−32	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3	5.32E+3
Sm154	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3	1.73E+3
Eu153	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3	5.86E+3
Eu154	1.40E+2	1.25E+1	2.20E−1	6.87E−5	2.09E−15	6.21E−33	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	1.03E+3	1.15E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3
Gd156	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3	4.17E+3
Gd158	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2	8.04E+2
Tb159	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2	1.15E+2
	Total														
Activ.	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7	1.70E+7
Actin.	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7	4.86E+7
FP	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6	1.73E+6
All	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7	6.74E+7

表 23　2 号機使用済燃料プール、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2

O16	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7
O17	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3
O18	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4
Cr50	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2
Cr52	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4
Cr53	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3
Cr54	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Fe54	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3
Fe56	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4
Fe57	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3
Fe58	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2
Ni58	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3
Ni60	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3
Ni62	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2
Zr90	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7
Zr91	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6
Zr92	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6
Zr93	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3
Zr94	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6
Zr96	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5
Mo95	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3
Mo97	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3
Sn112	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3
Sn114	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3
Sn115	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Sn116	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4
Sn117	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4
Sn119	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4
Sn118	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4
Sn120	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4
Sn124	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4
Sn122	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4
	Actinide														
U234	1.13E+3	1.13E+3	1.13E+3	1.13E+3	1.13E+3	1.13E+3	1.14E+3	1.15E+3	1.18E+3	1.23E+3	1.33E+3	1.53E+3	2.12E+3	3.07E+3	4.86E+3
U235	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5	7.14E+5
U236	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5	4.82E+5
U238	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7
Np237	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.48E+4	5.49E+4	5.49E+4	5.52E+4	5.57E+4	5.72E+4
Pu238	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.57E+4	2.55E+4	2.49E+4	2.40E+4	2.22E+4
Pu239	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5	5.25E+5
Pu240	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.32E+5	2.33E+5	2.33E+5	2.33E+5	2.34E+5	2.34E+5

Pu241	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.30E+5	1.28E+5	1.25E+5	1.19E+5	1.03E+5	8.10E+4	5.00E+4
Pu242	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4
Am241	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.11E+4	3.12E+4	3.15E+4	3.25E+4	3.40E+4	3.71E+4	4.29E+4	5.87E+4	8.01E+4	1.10E+5
Am243	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4
Cm242	2.83E+2	2.83E+2	2.83E+2	2.83E+2	2.82E+2	2.80E+2	2.72E+2	2.50E+2	1.94E+2	1.32E+2	6.03E+1	1.30E+1	4.35E−1	3.06E−1	2.92E−1
Cm244	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.53E+3	4.52E+3	4.50E+3	4.45E+3	4.37E+3	4.20E+3	3.75E+3	3.09E+3	2.11E+3
	FP														
H3	5.49E+0	5.49E+0	5.49E+0	5.49E+0	5.49E+0	5.49E+0	5.48E+0	5.46E+0	5.41E+0	5.34E+0	5.19E+0	4.91E+0	4.15E+0	3.13E+0	1.79E+0
Se78	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2
Se79	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2
Se80	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3
Br81	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3
Se82	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3
Kr83	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3
Kr84	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4
Kr85	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.84E+3	2.81E+3	2.76E+3	2.68E+3	2.51E+3	2.07E+3	1.50E+3	7.86E+2
Rb85	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.76E+4	1.77E+4	1.77E+4	1.79E+4	1.84E+4	1.89E+4	1.96E+4
Kr86	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4
Rb87	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4
Sr88	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4
Sr89	2.60E+1	2.60E+1	2.59E+1	2.58E+1	2.56E+1	2.49E+1	2.27E+1	1.72E+1	7.56E+0	2.20E+0	1.73E−1	1.16E−3	3.43E−10	4.53E−21	0.00E+0
Y89	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4
Sr90	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.96E+4	5.96E+4	5.93E+4	5.90E+4	5.83E+4	5.69E+4	5.29E+4	4.69E+4	3.68E+4
Zr90	1.16E+4	1.16E+4	1.16E+4	1.16E+4	1.17E+4	1.17E+4	1.17E+4	1.18E+4	1.20E+4	1.24E+4	1.31E+4	1.45E+4	1.84E+4	2.44E+4	3.45E+4
Y91	5.73E+1	5.73E+1	5.72E+1	5.70E+1	5.66E+1	5.53E+1	5.09E+1	4.02E+1	1.97E+1	6.80E+0	7.57E−1	9.99E−3	2.30E−8	9.24E−18	0.00E+0
Zr91	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4
Zr92	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Zr93	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4
Zr94	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4
Zr95	1.17E+2	1.17E+2	1.17E+2	1.16E+2	1.16E+2	1.13E+2	1.05E+2	8.45E+1	4.41E+1	1.67E+1	2.24E+0	4.30E−2	3.02E−7	7.81E−16	5.21E−33
Nb95	1.25E+2	1.25E+2	1.25E+2	1.24E+2	1.24E+2	1.21E+2	1.13E+2	9.30E+1	5.05E+1	1.96E+1	2.69E+0	5.34E−2	3.64E−7	9.41E−16	5.63E−35
Mo95	9.48E+4	9.48E+4	9.48E+4	9.48E+4	9.48E+4	9.48E+4	9.49E+4	9.49E+4	9.50E+4	9.50E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4
Zr96	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Mo96	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3
Mo97	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Mo98	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5
Tc99	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.80E+4
Mo100	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5
Ru100	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4
Ru101	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4
Ru102	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5

Ru103	2.56E+1	2.56E+1	2.56E+1	2.54E+1	2.52E+1	2.43E+1	2.15E+1	1.51E+1	5.23E+0	1.07E+0	4.06E-2	6.41E-5	2.54E-13	2.52E-27	0.00E+0
Rh103	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.39E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4
Ru104	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4
Pd104	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4
Pd105	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4
Ru106	3.24E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.22E+3	3.18E+3	3.06E+3	2.74E+3	2.32E+3	1.64E+3	8.34E+2	1.09E+2	3.69E+0	4.22E-3
Pd106	4.40E+4	4.40E+4	4.40E+4	4.40E+4	4.40E+4	4.40E+4	4.40E+4	4.41E+4	4.45E+4	4.49E+4	4.56E+4	4.64E+4	4.71E+4	4.72E+4	4.72E+4
Pd107	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4
Pd108	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4
Ag109	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4
Pd110	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3
Cd110	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.12E+3	6.13E+3	6.13E+3	6.13E+3	6.14E+3	6.14E+3	6.14E+3
Cd111	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3
Cd112	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3
Cd114	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3
Cd116	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2
Sn116	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2
Sn117	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2
Sn118	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2
Sn119	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.63E+2	5.63E+2	5.63E+2
Sn120	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2
Sb121	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.42E+2	5.43E+2
Sn122	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2
Sb123	6.65E+2	6.65E+2	6.65E+2	6.65E+2	6.65E+2	6.65E+2	6.65E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2
Sn124	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3
Sb125	3.63E+2	3.63E+2	3.63E+2	3.63E+2	3.63E+2	3.63E+2	3.61E+2	3.56E+2	3.42E+2	3.21E+2	2.83E+2	2.20E+2	1.03E+2	2.94E+1	2.39E+0
Te125	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.04E+3	1.05E+3	1.07E+3	1.11E+3	1.18E+3	1.29E+3	1.37E+3	1.40E+3
Sn126	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3
I127	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3
Te128	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4
I129	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4
Te130	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4
Xe130	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3
Xe131	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4
Xe132	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5
Cs133	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5
Xe134	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5
Cs134	6.06E+3	6.06E+3	6.06E+3	6.06E+3	6.06E+3	6.04E+3	6.01E+3	5.90E+3	5.58E+3	5.14E+3	4.33E+3	3.10E+3	1.13E+3	2.11E+2	7.36E+0
Ba134	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.94E+4	1.95E+4	1.98E+4	2.03E+4	2.11E+4	2.23E+4	2.43E+4	2.52E+4	2.54E+4
Cs135	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4
Xe136	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5

Ba136	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3
Cs137	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.39E+5	1.39E+5	1.39E+5	1.38E+5	1.36E+5	1.33E+5	1.24E+5	1.11E+5	8.80E+4
Ba137	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.42E+4	2.42E+4	2.44E+4	2.49E+4	2.57E+4	2.73E+4	3.04E+4	3.93E+4	5.29E+4	7.57E+4
Ba138	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5
La139	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5
Ce140	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5
Ce141	1.45E+1	1.45E+1	1.45E+1	1.44E+1	1.42E+1	1.36E+1	1.17E+1	7.65E+0	2.13E+0	3.12E−1	6.01E−3	2.49E−6	1.76E−16	2.14E−33	0.00E+0
Pr141	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5
Ce142	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5
Nd142	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3
Nd143	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4
Ce144	4.16E+3	4.16E+3	4.16E+3	4.16E+3	4.15E+3	4.13E+3	4.06E+3	3.87E+3	3.34E+3	2.69E+3	1.71E+3	7.04E+2	4.90E+1	5.76E−1	7.98E−5
Nd144	1.71E+5	1.71E+5	1.71E+5	1.71E+5	1.71E+5	1.72E+5	1.72E+5	1.72E+5	1.72E+5	1.73E+5	1.74E+5	1.75E+5	1.76E+5	1.76E+5	1.76E+5
Nd145	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4
Nd146	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4
Pm147	7.58E+3	7.58E+3	7.58E+3	7.58E+3	7.57E+3	7.56E+3	7.52E+3	7.42E+3	7.10E+3	6.65E+3	5.82E+3	4.47E+3	2.02E+3	5.40E+2	3.84E+1
Sm147	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.47E+4	2.47E+4	2.48E+4	2.51E+4	2.56E+4	2.64E+4	2.78E+4	3.02E+4	3.17E+4	3.22E+4
Nd148	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4
Sm148	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4
Sm149	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2
Nd150	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sm150	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4
Sm151	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.19E+3	1.18E+3	1.17E+3	1.15E+3	1.10E+3	1.02E+3
Sm152	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4
Eu153	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4
Sm154	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3
Eu154	1.98E+3	1.98E+3	1.98E+3	1.98E+3	1.98E+3	1.98E+3	1.98E+3	1.97E+3	1.94E+3	1.90E+3	1.83E+3	1.69E+3	1.32E+3	8.84E+2	3.94E+2
Gd154	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.07E+3	1.07E+3	1.10E+3	1.14E+3	1.21E+3	1.36E+3	1.72E+3	2.16E+3	2.65E+3
Eu155	6.47E+2	6.47E+2	6.47E+2	6.47E+2	6.47E+2	6.47E+2	6.45E+2	6.40E+2	6.24E+2	6.02E+2	5.60E+2	4.84E+2	3.13E+2	1.51E+2	3.52E+1
Gd156	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4
Gd158	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3
Tb159	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2
	Total														
Activ.	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7
Actin.	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7
FP	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6
All	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8

表 24　2 号機使用済燃料プール、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2	8.33E+2
O16	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7	1.35E+7
O17	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3	5.50E+3
O18	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4	3.11E+4
Cr50	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2	8.23E+2
Cr52	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4	1.72E+4
Cr53	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.93E+3
Cr54	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Fe54	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3	2.98E+3
Fe56	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4	4.87E+4
Fe57	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3	1.50E+3
Fe58	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2
Ni58	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3	6.83E+3
Ni60	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3	2.73E+3
Ni62	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2	3.76E+2
Zr90	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7	1.02E+7
Zr91	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6	2.23E+6
Zr92	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6	3.49E+6
Zr93	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.09E+3	5.08E+3	5.07E+3	5.05E+3	4.98E+3	4.87E+3	4.65E+3	4.06E+3	3.23E+3
Zr94	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6	3.61E+6
Zr96	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5	5.90E+5
Mo95	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3	2.00E+3
Mo97	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3	3.37E+3
Sn112	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3	2.74E+3
Sn114	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3	1.94E+3
Sn115	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Sn116	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4	4.26E+4
Sn117	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4
Sn119	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4	2.60E+4
Sn118	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4	7.24E+4
Sn120	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4	9.82E+4
Sn124	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4
Sn122	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4	1.41E+4
	Actinide														
U234	4.86E+3	9.45E+3	1.51E+4	2.14E+4	2.62E+4	2.67E+4	2.66E+4	2.64E+4	2.61E+4	2.55E+4	2.39E+4	2.14E+4	1.74E+4	1.03E+4	6.33E+3
U235	7.14E+5	7.15E+5	7.16E+5	7.17E+5	7.21E+5	7.29E+5	7.43E+5	7.84E+5	8.45E+5	9.44E+5	1.12E+6	1.22E+6	1.24E+6	1.24E+6	1.24E+6

U236	4.82E+5	4.83E+5	4.84E+5	4.87E+5	4.94E+5	5.05E+5	5.26E+5	5.78E+5	6.34E+5	6.87E+5	7.13E+5	7.13E+5	7.11E+5	7.04E+5	6.94E+5
U238	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.40E+7	9.41E+7	9.41E+7
Np237	5.72E+4	6.34E+4	7.47E+4	9.53E+4	1.41E+5	1.81E+5	2.07E+5	2.14E+5	2.14E+5	2.13E+5	2.11E+5	2.08E+5	2.01E+5	1.82E+5	1.55E+5
Pu238	2.22E+4	1.75E+4	1.18E+4	5.37E+3	5.12E+2	1.11E+1	1.09E-2	1.85E-8	2.32E-18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	5.25E+5	5.25E+5	5.24E+5	5.23E+5	5.19E+5	5.12E+5	4.99E+5	4.60E+5	4.02E+5	3.04E+5	1.29E+5	3.07E+4	1.72E+3	3.05E-1	5.85E-4
Pu240	2.34E+5	2.35E+5	2.34E+5	2.32E+5	2.25E+5	2.13E+5	1.92E+5	1.39E+5	8.20E+4	2.84E+4	1.18E+3	5.88E+0	4.50E-4	3.04E-4	3.03E-4
Pu241	5.00E+4	1.18E+4	1.06E+3	9.14E+0	4.90E-1	4.71E-1	4.34E-1	3.40E-1	2.26E-1	9.99E-2	8.65E-3	1.47E-4	4.21E-8	9.95E-19	0.00E+0
Pu242	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.21E+4	7.20E+4	7.16E+4	7.10E+4	6.97E+4	6.61E+4	6.04E+4	5.05E+4	2.95E+4	1.20E+4
Am241	1.10E+5	1.42E+5	1.41E+5	1.21E+5	7.47E+4	3.35E+4	6.75E+3	6.55E+1	6.80E+0	3.00E+0	2.60E-1	4.40E-3	1.33E-6	3.15E-17	0.00E+0
Am243	1.52E+4	1.51E+4	1.50E+4	1.49E+4	1.45E+4	1.38E+4	1.26E+4	9.49E+3	5.94E+3	2.32E+3	1.39E+2	1.27E+0	2.95E-4	1.87E-4	1.82E-4
Cm244	2.11E+3	6.69E+2	9.88E+1	2.15E+0	2.22E-5	1.08E-13	2.58E-30	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2	3.88E+2
Se79	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.50E+2	6.49E+2	6.49E+2	6.46E+2	6.43E+2	6.36E+2	6.16E+2	5.84E+2	5.25E+2	3.81E+2	2.24E+2
Se80	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3	1.84E+3
Se82	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3
Br81	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3	2.65E+3
Kr83	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3	5.13E+3
Kr84	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4	1.45E+4
Kr85	7.86E+2	1.14E+2	4.53E+0	7.22E-3	2.89E-11	2.93E-25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4	2.74E+4
Rb85	1.96E+4	2.03E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4	2.04E+4
Rb87	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4	3.07E+4
Sr88	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4	4.38E+4
Sr90	3.68E+4	1.79E+4	5.35E+3	4.80E+2	3.46E-1	2.00E-6	6.73E-17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4	5.83E+4
Zr90	3.45E+4	5.35E+4	6.60E+4	7.09E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4	7.13E+4
Zr91	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4	7.53E+4
Zr92	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Zr93	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.08E+4	9.07E+4	9.07E+4	9.06E+4	9.04E+4	9.00E+4	8.87E+4	8.67E+4	8.29E+4	7.23E+4	5.76E+4
Zr94	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4	9.77E+4
Zr96	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Mo95	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4	9.51E+4
Mo96	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3
Mo97	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Mo98	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5
Mo100	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5
Tc99	9.80E+4	9.80E+4	9.80E+4	9.80E+4	9.79E+4	9.77E+4	9.74E+4	9.64E+4	9.49E+4	9.18E+4	8.32E+4	7.06E+4	5.08E+4	1.90E+4	3.67E+3
Ru100	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4
Ru101	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4	9.89E+4
Ru102	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.01E+5

Ru104	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4	7.11E+4
Rh103	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4	5.40E+4
Pd104	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4	3.54E+4
Pd105	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4	5.03E+4
Pd106	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4
Pd107	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.90E+4	2.89E+4	2.89E+4	2.89E+4	2.89E+4	2.88E+4	2.86E+4	2.83E+4	2.74E+4	2.60E+4
Pd108	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4
Pd110	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3
Ag109	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4
Cd110	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3	6.14E+3
Cd111	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.06E+3
Cd112	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3	1.62E+3
Cd114	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3
Cd116	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2	6.79E+2
Sn116	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2	3.56E+2
Sn117	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2	6.54E+2
Sn118	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2	5.37E+2
Sn119	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2	5.63E+2
Sn120	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2
Sn122	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2	7.06E+2
Sn124	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3
Sn126	3.06E+3	3.06E+3	3.06E+3	3.06E+3	3.05E+3	3.04E+3	3.02E+3	2.96E+3	2.86E+3	2.66E+3	2.16E+3	1.53E+3	7.65E+2	9.57E+1	2.99E+0
Sb121	5.43E+2	5.44E+2	5.46E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2	5.47E+2
Sb123	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2	6.66E+2
Te125	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3
Te128	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4
Te130	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4	4.77E+4
I127	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3	5.51E+3
I129	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.31E+4	2.30E+4	2.27E+4	2.22E+4
Xe130	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3
Xe131	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4	5.07E+4
Xe132	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5
Xe134	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.93E+5
Xe136	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5	2.78E+5
Cs133	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5
Cs135	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	6.00E+4	5.99E+4	5.99E+4	5.97E+4	5.91E+4	5.83E+4	5.65E+4	5.17E+4	4.45E+4
Cs137	8.80E+4	4.41E+4	1.39E+4	1.39E+3	1.38E+0	1.36E−5	1.32E−15	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4
Ba136	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3	3.23E+3
Ba137	7.57E+4	1.20E+5	1.50E+5	1.62E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5
Ba138	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5

La139	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5	1.55E+5
Ce140	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5
Ce142	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5	1.45E+5
Pr141	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5	1.42E+5
Nd142	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3	3.15E+3
Nd143	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4
Nd144	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5	1.76E+5
Nd145	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4	8.46E+4
Nd146	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4	8.94E+4
Nd148	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4	4.72E+4
Nd150	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sm147	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4	3.22E+4
Sm148	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4	2.17E+4
Sm149	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2	2.51E+2
Sm150	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4	3.50E+4
Sm151	1.02E+3	8.06E+2	5.46E+2	2.50E+2	2.40E+1	4.82E-1	1.95E-4	1.30E-14	1.41E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4	1.29E+4
Sm154	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3
Eu153	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4	1.56E+4
Eu154	3.94E+2	3.50E+1	6.19E-1	1.93E-4	5.89E-15	1.75E-32	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	2.65E+3	3.01E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3	3.04E+3
Gd156	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4	1.27E+4
Gd158	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3	2.34E+3
Tb159	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2	3.23E+2
	Total														
Activ.	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7	3.41E+7
Actin.	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7	9.63E+7
FP	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6	4.40E+6
All	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8	1.35E+8

表 25　3 号機使用済燃料プール、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2
O16	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7
O17	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3
O18	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4
Cr50	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2

Cr52	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4
Cr53	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Cr54	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.17E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2
Fe54	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3
Fe56	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4
Fe57	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Fe58	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2
Ni58	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3
Ni60	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3
Ni62	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2
Zr90	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6
Zr91	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6
Zr92	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6
Zr93	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3
Zr94	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6
Zr96	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5
Mo95	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.68E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3
Mo97	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3
Sn112	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3
Sn114	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Sn115	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2
Sn116	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4
Sn117	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4
Sn119	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sn118	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4
Sn120	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4
Sn124	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4
Sn122	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4
	Actinide														
U234	7.83E+2	7.83E+2	7.83E+2	7.83E+2	7.83E+2	7.84E+2	7.87E+2	7.95E+2	8.20E+2	8.57E+2	9.33E+2	1.08E+3	1.53E+3	2.24E+3	3.59E+3
U235	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5	6.70E+5
U236	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5	4.18E+5
U238	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7
Np237	4.50E+4	4.50E+4	4.50E+4	4.50E+4	4.50E+4	4.50E+4	4.50E+4	4.50E+4	4.51E+4	4.51E+4	4.51E+4	4.51E+4	4.53E+4	4.58E+4	4.70E+4
Pu238	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.94E+4	1.94E+4	1.93E+4	1.92E+4	1.88E+4	1.81E+4	1.67E+4
Pu239	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.57E+5	4.56E+5
Pu240	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.14E+5	2.15E+5
Pu241	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.05E+5	1.04E+5	1.01E+5	9.66E+4	8.36E+4	6.57E+4	4.06E+4

Pu242	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4	5.82E+4
Am241	2.33E+4	2.33E+4	2.33E+4	2.33E+4	2.34E+4	2.34E+4	2.35E+4	2.38E+4	2.46E+4	2.58E+4	2.83E+4	3.30E+4	4.58E+4	6.32E+4	8.71E+4
Am243	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4
Cm242	2.29E+2	2.29E+2	2.29E+2	2.29E+2	2.28E+2	2.26E+2	2.19E+2	2.02E+2	1.56E+2	1.07E+2	4.87E+1	1.05E+1	3.04E−1	2.01E−1	1.92E−1
Cm244	3.49E+3	3.49E+3	3.49E+3	3.49E+3	3.49E+3	3.49E+3	3.49E+3	3.48E+3	3.46E+3	3.43E+3	3.36E+3	3.24E+3	2.89E+3	2.38E+3	1.62E+3
	FP														
H3	4.86E+0	4.86E+0	4.86E+0	4.86E+0	4.86E+0	4.86E+0	4.86E+0	4.84E+0	4.80E+0	4.73E+0	4.60E+0	4.35E+0	3.67E+0	2.77E+0	1.58E+0
Se78	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2
Se79	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.55E+2
Se80	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3
Br81	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3
Se82	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3
Kr83	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3
Kr84	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4
Kr85	2.59E+3	2.59E+3	2.59E+3	2.59E+3	2.59E+3	2.58E+3	2.58E+3	2.57E+3	2.55E+3	2.51E+3	2.42E+3	2.27E+3	1.87E+3	1.36E+3	7.13E+2
Rb85	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.50E+4	1.52E+4	1.56E+4	1.61E+4	1.67E+4
Kr86	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4
Rb87	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4
Sr88	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4
Sr89	1.42E+1	1.42E+1	1.42E+1	1.42E+1	1.40E+1	1.37E+1	1.24E+1	9.44E+0	4.14E+0	1.21E+0	9.50E−2	6.34E−4	1.88E−10	2.48E−21	0.00E+0
Y89	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4
Sr90	5.21E+4	5.21E+4	5.21E+4	5.21E+4	5.21E+4	5.21E+4	5.21E+4	5.20E+4	5.18E+4	5.15E+4	5.08E+4	4.96E+4	4.62E+4	4.09E+4	3.22E+4
Zr90	8.85E+3	8.85E+3	8.85E+3	8.85E+3	8.85E+3	8.86E+3	8.88E+3	8.95E+3	9.16E+3	9.47E+3	1.01E+4	1.13E+4	1.48E+4	2.00E+4	2.88E+4
Y91	3.67E+1	3.67E+1	3.67E+1	3.65E+1	3.63E+1	3.54E+1	3.26E+1	2.57E+1	1.26E+1	4.35E+0	4.85E−1	6.40E−3	1.47E−8	5.92E−18	0.00E+0
Zr91	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4
Zr92	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4
Zr93	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4
Zr94	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4
Zr95	8.06E+1	8.06E+1	8.05E+1	8.02E+1	7.97E+1	7.80E+1	7.23E+1	5.82E+1	3.04E+1	1.15E+1	1.54E+0	2.96E−2	2.08E−7	5.38E−16	3.58E−33
Nb95	9.21E+1	9.20E+1	9.20E+1	9.17E+1	9.11E+1	8.93E+1	8.30E+1	6.74E+1	3.58E+1	1.37E+1	1.86E+0	3.68E−2	2.51E−7	6.48E−16	3.88E−35
Mo95	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.11E+4	8.11E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Zr96	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4
Mo96	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3
Mo97	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4
Mo98	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4
Tc99	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4	8.34E+4
Mo100	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Ru100	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4

Ru101	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4
Ru102	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4
Ru103	9.51E+0	9.51E+0	9.49E+0	9.44E+0	9.35E+0	9.02E+0	7.97E+0	5.60E+0	1.94E+0	3.96E-1	1.51E-2	2.39E-5	9.46E-14	9.39E-28	0.00E+0
Rh103	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4
Ru104	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4
Pd104	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4
Pd105	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4
Ru106	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.52E+3	3.51E+3	3.46E+3	3.34E+3	2.99E+3	2.53E+3	1.79E+3	9.10E+2	1.19E+2	4.02E+0	4.63E-3
Pd106	3.61E+4	3.61E+4	3.61E+4	3.61E+4	3.62E+4	3.62E+4	3.62E+4	3.63E+4	3.67E+4	3.71E+4	3.79E+4	3.88E+4	3.96E+4	3.97E+4	3.97E+4
Pd107	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4
Pd108	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Ag109	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3
Pd110	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3
Cd110	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.94E+3	4.95E+3	4.95E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3
Cd111	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3
Cd112	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3
Cd114	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3
Cd116	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2
Sn116	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2
Sn117	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2
Sn118	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2
Sn119	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.73E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2
Sn120	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2
Sb121	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.59E+2
Sn122	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Sb123	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2
Sn124	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2
Sb125	3.70E+2	3.70E+2	3.70E+2	3.70E+2	3.69E+2	3.69E+2	3.67E+2	3.62E+2	3.48E+2	3.27E+2	2.88E+2	2.24E+2	1.05E+2	3.00E+1	2.43E+0
Te125	8.01E+2	8.01E+2	8.01E+2	8.01E+2	8.01E+2	8.02E+2	8.04E+2	8.09E+2	8.24E+2	8.45E+2	8.85E+2	9.50E+2	1.07E+3	1.15E+3	1.18E+3
Sn126	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3
I127	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.60E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3
Te128	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4
I129	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4
Te130	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4
Xe130	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2
Xe131	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Xe132	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5
Cs133	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5

Xe134	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5
Cs134	6.01E+3	6.01E+3	6.01E+3	6.01E+3	6.01E+3	5.99E+3	5.96E+3	5.85E+3	5.53E+3	5.09E+3	4.30E+3	3.07E+3	1.12E+3	2.09E+2	7.30E+0
Ba134	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.47E+4	1.48E+4	1.51E+4	1.55E+4	1.63E+4	1.75E+4	1.95E+4	2.04E+4	2.06E+4
Cs135	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4
Xe136	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5
Ba136	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3
Cs137	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.20E+5	1.20E+5	1.19E+5	1.18E+5	1.15E+5	1.07E+5	9.58E+4	7.60E+4
Ba137	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.82E+4	1.84E+4	1.88E+4	1.95E+4	2.09E+4	2.36E+4	3.13E+4	4.30E+4	6.27E+4
Ba138	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5
La139	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5
Ce140	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5
Ce141	3.87E+0	3.87E+0	3.86E+0	3.84E+0	3.79E+0	3.63E+0	3.13E+0	2.04E+0	5.68E−1	8.33E−2	1.60E−3	6.63E−7	4.70E−17	5.71E−34	0.00E+0
Pr141	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5
Ce142	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5
Nd142	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3
Nd143	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Ce144	4.79E+3	4.79E+3	4.78E+3	4.78E+3	4.77E+3	4.75E+3	4.67E+3	4.45E+3	3.85E+3	3.09E+3	1.97E+3	8.10E+2	5.63E+1	6.63E−1	9.18E−5
Nd144	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.44E+5	1.44E+5	1.45E+5	1.46E+5	1.47E+5	1.48E+5	1.48E+5	1.48E+5
Nd145	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4
Nd146	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4
Pm147	7.66E+3	7.66E+3	7.66E+3	7.66E+3	7.66E+3	7.65E+3	7.61E+3	7.50E+3	7.18E+3	6.73E+3	5.89E+3	4.52E+3	2.05E+3	5.46E+2	3.89E+1
Sm147	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.97E+4	2.00E+4	2.05E+4	2.13E+4	2.27E+4	2.52E+4	2.67E+4	2.72E+4
Nd148	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4
Sm148	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4
Sm149	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2
Nd150	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4
Sm150	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4
Sm151	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.04E+3	1.01E+3	9.75E+2	9.02E+2
Sm152	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Eu153	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4
Sm154	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3
Eu154	1.71E+3	1.71E+3	1.71E+3	1.71E+3	1.71E+3	1.71E+3	1.71E+3	1.70E+3	1.68E+3	1.64E+3	1.58E+3	1.46E+3	1.14E+3	7.63E+2	3.41E+2
Gd154	7.67E+2	7.67E+2	7.67E+2	7.67E+2	7.67E+2	7.68E+2	7.70E+2	7.78E+2	8.00E+2	8.33E+2	8.99E+2	1.02E+3	1.33E+3	1.71E+3	2.14E+3
Eu155	5.75E+2	5.75E+2	5.75E+2	5.75E+2	5.75E+2	5.74E+2	5.72E+2	5.68E+2	5.54E+2	5.35E+2	4.97E+2	4.30E+2	2.77E+2	1.34E+2	3.12E+1
Gd156	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4
Gd158	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3
Tb159	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2
	Total														

Activ.	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7
Actin.	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7
FP	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6
All	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8

表 26　3 号機使用済燃料プール、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2	6.99E+2
O16	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7	1.18E+7
O17	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3	4.81E+3
O18	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4
Cr50	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2	7.22E+2
Cr52	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4
Cr53	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Cr54	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2	5.18E+2
Fe54	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3	2.61E+3
Fe56	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4	4.27E+4
Fe57	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Fe58	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2
Ni58	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3	5.98E+3
Ni60	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3	2.39E+3
Ni62	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2
Zr90	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6	8.95E+6
Zr91	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6	1.95E+6
Zr92	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6	3.05E+6
Zr93	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.28E+3	4.27E+3	4.27E+3	4.27E+3	4.26E+3	4.24E+3	4.18E+3	4.09E+3	3.90E+3	3.40E+3	2.71E+3
Zr94	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6	3.16E+6
Zr96	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5	5.17E+5
Mo95	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3	1.69E+3
Mo97	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3	2.83E+3
Sn112	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3	2.40E+3
Sn114	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3	1.70E+3
Sn115	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2	9.09E+2
Sn116	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4	3.73E+4
Sn117	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4	2.00E+4

Sn119	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.28E+4
Sn118	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4
Sn120	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4	8.60E+4
Sn124	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4	1.52E+4
Sn122	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4
	Actinide														
U234	3.59E+3	7.05E+3	1.13E+4	1.61E+4	1.97E+4	2.00E+4	2.00E+4	1.99E+4	1.96E+4	1.92E+4	1.80E+4	1.62E+4	1.33E+4	8.23E+3	5.35E+3
U235	6.70E+5	6.70E+5	6.71E+5	6.72E+5	6.76E+5	6.82E+5	6.95E+5	7.30E+5	7.83E+5	8.69E+5	1.02E+6	1.10E+6	1.13E+6	1.13E+6	1.13E+6
U236	4.18E+5	4.19E+5	4.20E+5	4.22E+5	4.29E+5	4.39E+5	4.59E+5	5.06E+5	5.57E+5	6.05E+5	6.29E+5	6.30E+5	6.28E+5	6.22E+5	6.13E+5
U238	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.24E+7	8.25E+7	8.25E+7
Np237	4.70E+4	5.19E+4	6.09E+4	7.74E+4	1.14E+5	1.46E+5	1.67E+5	1.72E+5	1.72E+5	1.72E+5	1.70E+5	1.67E+5	1.62E+5	1.47E+5	1.25E+5
Pu238	1.67E+4	1.32E+4	8.89E+3	4.05E+3	3.84E+2	8.23E+0	7.53E-3	1.22E-8	1.53E-18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	4.56E+5	4.56E+5	4.56E+5	4.54E+5	4.51E+5	4.45E+5	4.33E+5	3.99E+5	3.48E+5	2.64E+5	1.12E+5	2.66E+4	1.49E+3	2.64E-1	4.35E-4
Pu240	2.15E+5	2.15E+5	2.15E+5	2.12E+5	2.06E+5	1.95E+5	1.76E+5	1.28E+5	7.52E+4	2.60E+4	1.08E+3	5.39E+0	3.84E-4	2.50E-4	2.49E-4
Pu241	4.06E+4	9.58E+3	8.63E+2	7.38E+0	3.70E-1	3.55E-1	3.27E-1	2.56E-1	1.70E-1	7.53E-2	6.52E-3	1.11E-4	3.17E-8	7.50E-19	0.00E+0
Pu242	5.82E+4	5.82E+4	5.82E+4	5.81E+4	5.81E+4	5.81E+4	5.80E+4	5.77E+4	5.72E+4	5.62E+4	5.32E+4	4.87E+4	4.07E+4	2.38E+4	9.70E+3
Am241	8.71E+4	1.13E+5	1.13E+5	9.67E+4	5.98E+4	2.68E+4	5.40E+3	5.19E+1	5.13E+0	2.26E+0	1.96E-1	3.32E-3	1.00E-6	2.37E-17	0.00E+0
Am243	1.17E+4	1.16E+4	1.16E+4	1.15E+4	1.11E+4	1.06E+4	9.67E+3	7.30E+3	4.56E+3	1.78E+3	1.07E+2	9.73E-1	2.22E-4	1.39E-4	1.35E-4
Cm244	1.62E+3	5.15E+2	7.60E+1	1.65E+0	1.71E-5	8.33E-14	1.99E-30	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2	3.30E+2
Se79	5.55E+2	5.55E+2	5.55E+2	5.55E+2	5.54E+2	5.54E+2	5.54E+2	5.52E+2	5.49E+2	5.43E+2	5.26E+2	4.99E+2	4.48E+2	3.25E+2	1.91E+2
Se80	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3	1.56E+3
Se82	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3	3.59E+3
Br81	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3	2.26E+3
Kr83	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3	4.42E+3
Kr84	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4
Kr85	7.13E+2	1.03E+2	4.11E+0	6.53E-3	2.62E-11	2.65E-25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4	2.34E+4
Rb85	1.67E+4	1.73E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4
Rb87	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4	2.62E+4
Sr88	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4	3.75E+4
Sr90	3.22E+4	1.56E+4	4.67E+3	4.19E+2	3.02E-1	1.75E-6	5.88E-17	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4	4.98E+4
Zr90	2.88E+4	4.53E+4	5.63E+4	6.05E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4	6.09E+4
Zr91	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4	6.43E+4
Zr92	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4	6.92E+4
Zr93	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.73E+4	7.72E+4	7.70E+4	7.66E+4	7.56E+4	7.39E+4	7.06E+4	6.16E+4	4.90E+4

Zr94	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4	8.31E+4
Zr96	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4	8.69E+4
Mo95	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Mo96	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3	5.22E+3
Mo97	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4	8.63E+4
Mo98	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4	8.97E+4
Mo100	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5
Tc99	8.34E+4	8.33E+4	8.33E+4	8.33E+4	8.32E+4	8.31E+4	8.28E+4	8.20E+4	8.07E+4	7.81E+4	7.07E+4	6.00E+4	4.32E+4	1.61E+4	3.12E+3
Ru100	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4	1.24E+4
Ru101	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4	8.38E+4
Ru102	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4	8.50E+4
Ru104	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4	5.97E+4
Rh103	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4	4.66E+4
Pd104	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4
Pd105	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4	4.17E+4
Pd106	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4	3.97E+4
Pd107	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.40E+4	2.40E+4	2.39E+4	2.38E+4	2.36E+4	2.28E+4	2.16E+4
Pd108	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4
Pd110	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3
Ag109	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3	9.29E+3
Cd110	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3	4.96E+3
Cd111	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3
Cd112	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3	1.34E+3
Cd114	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3	1.41E+3
Cd116	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2	5.72E+2
Sn116	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2	2.93E+2
Sn117	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2	5.49E+2
Sn118	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2	4.52E+2
Sn119	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2	4.74E+2
Sn120	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2	4.67E+2
Sn122	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Sn124	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2	9.91E+2
Sn126	2.58E+3	2.57E+3	2.57E+3	2.57E+3	2.57E+3	2.56E+3	2.54E+3	2.49E+3	2.40E+3	2.24E+3	1.82E+3	1.29E+3	6.44E+2	8.05E+1	2.52E+0
Sb121	4.59E+2	4.60E+2	4.61E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2	4.62E+2
Sb123	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2	5.62E+2
Te125	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3	1.18E+3
Te128	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4
Te130	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4	4.05E+4

I127	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3	4.61E+3
I129	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.96E+4	1.95E+4	1.95E+4	1.92E+4	1.88E+4
Xe130	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2
Xe131	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4	4.37E+4
Xe132	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5
Xe134	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5
Xe136	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.41E+5
Cs133	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5
Cs135	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.54E+4	4.53E+4	4.52E+4	4.48E+4	4.41E+4	4.28E+4	3.91E+4	3.37E+4
Cs137	7.60E+4	3.81E+4	1.20E+4	1.20E+3	1.19E+0	1.17E-5	1.14E-15	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4
Ba136	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3	2.43E+3
Ba137	6.27E+4	1.01E+5	1.27E+5	1.38E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5
Ba138	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5	1.39E+5
La139	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5
Ce140	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5	1.40E+5
Ce142	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5
Pr141	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5
Nd142	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3
Nd143	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4	8.12E+4
Nd144	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5	1.48E+5
Nd145	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4	7.22E+4
Nd146	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4	7.55E+4
Nd148	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4	4.01E+4
Nd150	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4	1.93E+4
Sm147	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4	2.72E+4
Sm148	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4	1.79E+4
Sm149	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2	2.40E+2
Sm150	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4	3.10E+4
Sm151	9.02E+2	7.13E+2	4.83E+2	2.21E+2	2.12E+1	4.27E-1	1.73E-4	1.15E-14	1.24E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4
Sm154	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3	3.88E+3
Eu153	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4	1.32E+4
Eu154	3.41E+2	3.02E+1	5.34E-1	1.67E-4	5.08E-15	1.51E-32	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	2.14E+3	2.45E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3	2.48E+3
Gd156	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.03E+4
Gd158	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3	1.96E+3
Tb159	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2	2.68E+2

	Total														
Activ.	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7	2.98E+7
Actin.	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7	8.45E+7
FP	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6
All	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8	1.18E+8

表 27　4 号機使用済燃料プール、短期核種重量(g/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
C13	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3
O16	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7
O17	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4
O18	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4
Cr50	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3
Cr52	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4
Cr53	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3
Cr54	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3
Fe54	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3
Fe56	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5
Fe57	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3
Fe58	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2
Ni58	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4
Ni60	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3
Ni62	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2
Zr90	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7
Zr91	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6
Zr92	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6
Zr93	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3
Zr94	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6
Zr96	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6
Mo95	3.81E+3	3.81E+3	3.81E+3	3.81E+3	3.81E+3	3.82E+3	3.82E+3	3.83E+3	3.86E+3	3.89E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3
Mo97	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3
Sn112	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3
Sn114	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3
Sn115	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3
Sn116	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4
Sn117	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4
Sn119	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.88E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4

Sn118	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5
Sn120	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5
Sn124	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4
Sn122	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4
	Actinide														
U234	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.29E+3	2.29E+3	2.31E+3	2.37E+3	2.45E+3	2.62E+3	2.96E+3	3.97E+3	5.59E+3	8.66E+3
U235	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.25E+6
U236	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.01E+6
U238	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8
Np237	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.05E+5	1.06E+5	1.09E+5
Pu238	4.35E+4	4.35E+4	4.35E+4	4.35E+4	4.35E+4	4.35E+4	4.36E+4	4.36E+4	4.37E+4	4.38E+4	4.39E+4	4.37E+4	4.27E+4	4.10E+4	3.79E+4
Pu239	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.15E+6
Pu240	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.79E+5	4.80E+5	4.80E+5	4.81E+5	4.82E+5
Pu241	2.46E+5	2.46E+5	2.46E+5	2.46E+5	2.46E+5	2.46E+5	2.46E+5	2.45E+5	2.43E+5	2.40E+5	2.34E+5	2.23E+5	1.93E+5	1.52E+5	9.39E+4
Pu242	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5
Am241	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.34E+4	6.35E+4	6.37E+4	6.44E+4	6.63E+4	6.91E+4	7.48E+4	8.57E+4	1.15E+5	1.56E+5	2.11E+5
Am243	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4	2.54E+4
Cm242	8.74E+2	8.74E+2	8.73E+2	8.72E+2	8.70E+2	8.63E+2	8.37E+2	7.69E+2	5.96E+2	4.07E+2	1.86E+2	3.98E+1	9.09E−1	5.23E−1	4.99E−1
Cm244	7.13E+3	7.12E+3	7.12E+3	7.12E+3	7.12E+3	7.12E+3	7.12E+3	7.10E+3	7.06E+3	6.99E+3	6.86E+3	6.60E+3	5.88E+3	4.86E+3	3.31E+3
	FP														
H3	1.08E+1	1.08E+1	1.08E+1	1.08E+1	1.08E+1	1.08E+1	1.08E+1	1.07E+1	1.06E+1	1.05E+1	1.02E+1	9.62E+0	8.13E+0	6.14E+0	3.50E+0
Se78	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2
Se79	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Se80	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3
Br81	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3
Se82	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3
Kr83	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Kr84	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4
Kr85	5.88E+3	5.88E+3	5.88E+3	5.88E+3	5.88E+3	5.87E+3	5.87E+3	5.85E+3	5.79E+3	5.69E+3	5.51E+3	5.17E+3	4.26E+3	3.09E+3	1.62E+3
Rb85	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.53E+4	3.53E+4	3.53E+4	3.54E+4	3.56E+4	3.60E+4	3.69E+4	3.80E+4	3.95E+4
Kr86	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4
Rb87	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4
Sr88	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4
Sr89	6.24E+2	6.23E+2	6.23E+2	6.20E+2	6.15E+2	5.98E+2	5.44E+2	4.13E+2	1.81E+2	5.28E+1	4.16E+0	2.77E−2	8.24E−9	1.09E−19	0.00E+0
Y89	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.17E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5
Sr90	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.21E+5	1.20E+5	1.19E+5	1.18E+5	1.15E+5	1.07E+5	9.50E+4	7.46E+4
Zr90	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.30E+4	2.30E+4	2.32E+4	2.37E+4	2.44E+4	2.58E+4	2.86E+4	3.67E+4	4.89E+4	6.92E+4
Y91	1.15E+3	1.15E+3	1.15E+3	1.14E+3	1.14E+3	1.11E+3	1.02E+3	8.06E+2	3.96E+2	1.36E+2	1.52E+1	2.00E−1	4.61E−7	1.85E−16	0.00E+0
Zr91	1.50E+5	1.50E+5	1.50E+5	1.50E+5	1.50E+5	1.50E+5	1.51E+5	1.51E+5	1.51E+5	1.51E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5
Zr92	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5
Zr93	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5

Zr94	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5
Zr95	1.94E+3	1.94E+3	1.94E+3	1.93E+3	1.92E+3	1.88E+3	1.74E+3	1.40E+3	7.33E+2	2.77E+2	3.72E+1	7.13E-1	5.02E-6	1.30E-14	8.65E-32
Nb95	1.82E+3	1.82E+3	1.82E+3	1.81E+3	1.81E+3	1.78E+3	1.67E+3	1.40E+3	7.95E+2	3.18E+2	4.44E+1	8.87E-1	6.04E-6	1.56E-14	9.37E-34
Mo95	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.88E+5	1.89E+5	1.90E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5
Zr96	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5
Mo96	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4
Mo97	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5
Mo98	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5
Tc99	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5
Mo100	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5
Ru100	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4
Ru101	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5
Ru102	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5
Ru103	5.88E+2	5.87E+2	5.87E+2	5.84E+2	5.78E+2	5.58E+2	4.93E+2	3.46E+2	1.20E+2	2.45E+1	9.30E-1	1.47E-3	5.84E-12	5.80E-26	0.00E+0
Rh103	1.09E+5	1.09E+5	1.09E+5	1.09E+5	1.09E+5	1.09E+5	1.09E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5
Ru104	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5
Pd104	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4
Pd105	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4
Ru106	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.06E+4	1.02E+4	9.16E+3	7.75E+3	5.50E+3	2.79E+3	3.66E+2	1.23E+1	1.41E-2
Pd106	7.78E+4	7.78E+4	7.78E+4	7.78E+4	7.78E+4	7.78E+4	7.80E+4	7.84E+4	7.94E+4	8.09E+4	8.31E+4	8.58E+4	8.82E+4	8.86E+4	8.86E+4
Pd107	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4
Pd108	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4
Ag109	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4
Pd110	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4
Cd110	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4
Cd111	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3
Cd112	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3
Cd114	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3
Cd116	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3
Sn116	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2
Sn117	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3
Sn118	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Sn119	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3
Sn120	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3
Sb121	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3	1.06E+3
Sn122	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3
Sb123	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.29E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Sn124	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3
Sb125	8.37E+2	8.37E+2	8.37E+2	8.37E+2	8.37E+2	8.36E+2	8.32E+2	8.20E+2	7.87E+2	7.40E+2	6.51E+2	5.07E+2	2.38E+2	6.78E+1	5.50E+0
Te125	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.85E+3	1.86E+3	1.87E+3	1.90E+3	1.95E+3	2.04E+3	2.19E+3	2.46E+3	2.64E+3	2.70E+3
Sn126	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3	5.89E+3

I127	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Te128	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4
I129	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4
Te130	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4
Xe130	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3
Xe131	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5
Xe132	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5
Cs133	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5
Xe134	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5
Cs134	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.26E+4	1.25E+4	1.23E+4	1.16E+4	1.07E+4	9.03E+3	6.46E+3	2.36E+3	4.40E+2	1.53E+1
Ba134	3.30E+4	3.30E+4	3.30E+4	3.30E+4	3.30E+4	3.31E+4	3.31E+4	3.34E+4	3.40E+4	3.50E+4	3.66E+4	3.92E+4	4.33E+4	4.52E+4	4.57E+4
Cs135	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5
Xe136	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Ba136	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3
Cs137	2.75E+5	2.75E+5	2.75E+5	2.75E+5	2.75E+5	2.75E+5	2.75E+5	2.75E+5	2.74E+5	2.72E+5	2.69E+5	2.63E+5	2.45E+5	2.18E+5	1.73E+5
Ba137	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.77E+4	4.81E+4	4.91E+4	5.07E+4	5.38E+4	6.00E+4	7.75E+4	1.04E+5	1.49E+5
Ba138	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5
La139	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5
Ce140	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5
Ce141	5.00E+2	4.99E+2	4.98E+2	4.95E+2	4.89E+2	4.69E+2	4.04E+2	2.64E+2	7.33E+1	1.08E+1	2.07E−1	8.56E−5	6.07E−15	7.37E−32	0.00E+0
Pr141	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5
Ce142	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5
Nd142	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3
Nd143	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5
Ce144	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.29E+4	2.28E+4	2.24E+4	2.13E+4	1.84E+4	1.48E+4	9.43E+3	3.88E+3	2.70E+2	3.17E+0	4.40E−4
Nd144	3.18E+5	3.18E+5	3.18E+5	3.19E+5	3.19E+5	3.19E+5	3.19E+5	3.20E+5	3.23E+5	3.27E+5	3.32E+5	3.38E+5	3.41E+5	3.41E+5	3.41E+5
Nd145	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5
Nd146	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5
Pm147	2.05E+4	2.05E+4	2.05E+4	2.05E+4	2.05E+4	2.05E+4	2.04E+4	2.01E+4	1.92E+4	1.80E+4	1.58E+4	1.21E+4	5.48E+3	1.46E+3	1.04E+2
Sm147	4.61E+4	4.61E+4	4.61E+4	4.61E+4	4.61E+4	4.61E+4	4.62E+4	4.65E+4	4.74E+4	4.86E+4	5.08E+4	5.45E+4	6.11E+4	6.51E+4	6.65E+4
Nd148	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4
Sm148	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4
Sm149	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Nd150	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4
Sm150	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4
Sm151	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.58E+3	2.57E+3	2.56E+3	2.54E+3	2.48E+3	2.39E+3	2.21E+3
Sm152	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4
Eu153	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4
Sm154	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3
Eu154	3.58E+3	3.58E+3	3.58E+3	3.58E+3	3.58E+3	3.58E+3	3.58E+3	3.56E+3	3.51E+3	3.44E+3	3.31E+3	3.05E+3	2.39E+3	1.60E+3	7.13E+2
Gd154	2.02E+3	2.02E+3	2.02E+3	2.02E+3	2.02E+3	2.02E+3	2.02E+3	2.04E+3	2.09E+3	2.16E+3	2.29E+3	2.55E+3	3.21E+3	4.00E+3	4.89E+3

Eu155	1.20E+3	1.20E+3	1.20E+3	1.20E+3	1.20E+3	1.20E+3	1.19E+3	1.18E+3	1.16E+3	1.12E+3	1.04E+3	8.96E+2	5.79E+2	2.79E+2	6.51E+1
Gd156	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4
Gd158	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3
Tb159	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2
	Total														
Activ.	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7
Actin.	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8
FP	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6
All	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8

表 28　4 号機使用済燃料プール、長期核種重量(g/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C13	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3	1.61E+3
O16	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7	3.06E+7
O17	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4	1.25E+4
O18	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4	7.05E+4
Cr50	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3	1.88E+3
Cr52	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4	3.89E+4
Cr53	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3	4.40E+3
Cr54	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3	1.32E+3
Fe54	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3	6.75E+3
Fe56	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5	1.11E+5
Fe57	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3	3.29E+3
Fe58	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2	3.90E+2
Ni58	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4	1.55E+4
Ni60	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3	6.19E+3
Ni62	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2	8.57E+2
Zr90	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7	2.32E+7
Zr91	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6	5.06E+6
Zr92	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6	7.90E+6
Zr93	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.86E+3	9.84E+3	9.82E+3	9.77E+3	9.64E+3	9.42E+3	9.01E+3	7.85E+3	6.25E+3
Zr94	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6	8.18E+6
Zr96	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6	1.34E+6
Mo95	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3	3.90E+3
Mo97	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3	6.54E+3
Sn112	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3	6.24E+3
Sn114	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3	4.39E+3

Sn115	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3	2.37E+3
Sn116	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4	9.68E+4
Sn117	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4	5.19E+4
Sn119	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4	5.89E+4
Sn118	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5	1.64E+5
Sn120	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5	2.23E+5
Sn124	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4	3.95E+4
Sn122	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4	3.21E+4
	Actinide														
U234	8.66E+3	1.65E+4	2.61E+4	3.70E+4	4.52E+4	4.60E+4	4.59E+4	4.56E+4	4.52E+4	4.42E+4	4.15E+4	3.76E+4	3.11E+4	1.99E+4	1.36E+4
U235	2.25E+6	2.25E+6	2.25E+6	2.25E+6	2.26E+6	2.28E+6	2.31E+6	2.40E+6	2.53E+6	2.75E+6	3.13E+6	3.34E+6	3.40E+6	3.40E+6	3.40E+6
U236	1.01E+6	1.01E+6	1.01E+6	1.02E+6	1.03E+6	1.06E+6	1.10E+6	1.21E+6	1.32E+6	1.43E+6	1.48E+6	1.48E+6	1.48E+6	1.46E+6	1.44E+6
U238	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8	2.14E+8
Np237	1.09E+5	1.21E+5	1.42E+5	1.81E+5	2.68E+5	3.45E+5	3.95E+5	4.08E+5	4.07E+5	4.06E+5	4.02E+5	3.96E+5	3.83E+5	3.48E+5	2.96E+5
Pu238	3.79E+4	2.99E+4	2.02E+4	9.19E+3	8.76E+2	1.90E+1	1.87E−2	3.16E−8	3.96E−18	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	1.15E+6	1.15E+6	1.15E+6	1.15E+6	1.14E+6	1.12E+6	1.09E+6	1.01E+6	8.78E+5	6.63E+5	2.82E+5	6.68E+4	3.75E+3	6.63E−1	9.09E−4
Pu240	4.82E+5	4.83E+5	4.81E+5	4.76E+5	4.61E+5	4.37E+5	3.93E+5	2.86E+5	1.68E+5	5.83E+4	2.42E+3	1.21E+1	8.08E−4	5.07E−4	5.06E−4
Pu241	9.39E+4	2.22E+4	2.00E+3	1.70E+1	7.79E−1	7.48E−1	6.89E−1	5.39E−1	3.59E−1	1.59E−1	1.37E−2	2.33E−4	6.68E−8	1.58E−18	0.00E+0
Pu242	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.27E+5	1.26E+5	1.25E+5	1.23E+5	1.17E+5	1.07E+5	8.92E+4	5.21E+4	2.13E+4
Am241	2.11E+5	2.70E+5	2.69E+5	2.31E+5	1.43E+5	6.39E+4	1.29E+4	1.22E+2	1.08E+1	4.76E+0	4.12E−1	6.99E−3	2.11E−6	5.00E−17	0.00E+0
Am243	2.54E+4	2.53E+4	2.52E+4	2.49E+4	2.42E+4	2.31E+4	2.10E+4	1.59E+4	9.93E+3	3.88E+3	2.32E+2	2.12E+0	4.70E−4	2.90E−4	2.83E−4
Cm244	3.31E+3	1.05E+3	1.55E+2	3.38E+0	3.48E−5	1.70E−13	4.05E−30	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	FP														
Se78	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2	7.69E+2
Se79	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.29E+3	1.28E+3	1.24E+3	1.17E+3	1.05E+3	7.65E+2	4.49E+2
Se80	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3	3.66E+3
Se82	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3
Br81	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3	5.30E+3
Kr83	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
Kr84	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4	2.88E+4
Kr85	1.62E+3	2.34E+2	9.34E+0	1.48E−2	5.95E−11	6.02E−25	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Kr86	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4	5.51E+4
Rb85	3.95E+4	4.09E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.11E+4
Rb87	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4	6.18E+4
Sr88	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4	8.84E+4
Sr90	7.46E+4	3.62E+4	1.08E+4	9.72E+2	7.01E−1	4.06E−6	1.36E−16	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y89	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5	1.18E+5
Zr90	6.92E+4	1.08E+5	1.33E+5	1.43E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5	1.44E+5
Zr91	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5	1.52E+5
Zr92	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.63E+5
Zr93	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.82E+5	1.81E+5	1.81E+5	1.81E+5	1.81E+5	1.80E+5	1.77E+5	1.73E+5	1.66E+5	1.45E+5	1.15E+5

Zr94	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5	1.94E+5
Zr96	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5	2.03E+5
Mo95	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5	1.91E+5
Mo96	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4	1.15E+4
Mo97	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5	2.01E+5
Mo98	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5	2.09E+5
Mo100	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5	2.36E+5
Tc99	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.95E+5	1.95E+5	1.93E+5	1.90E+5	1.84E+5	1.66E+5	1.41E+5	1.02E+5	3.79E+4	7.34E+3
Ru100	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4	2.73E+4
Ru101	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5
Ru102	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5	1.96E+5
Ru104	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5
Rh103	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5
Pd104	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4	6.31E+4
Pd105	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4	9.55E+4
Pd106	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4	8.86E+4
Pd107	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.41E+4	5.40E+4	5.40E+4	5.40E+4	5.39E+4	5.38E+4	5.35E+4	5.29E+4	5.13E+4	4.86E+4
Pd108	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4	3.58E+4
Pd110	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4	1.09E+4
Ag109	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4	2.11E+4
Cd110	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4
Cd111	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3
Cd112	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3	3.02E+3
Cd114	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3	3.20E+3
Cd116	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3	1.31E+3
Sn116	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2	6.51E+2
Sn117	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3	1.25E+3
Sn118	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3
Sn119	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3	1.09E+3
Sn120	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3
Sn122	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3	1.37E+3
Sn124	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3	2.28E+3
Sn126	5.89E+3	5.89E+3	5.88E+3	5.88E+3	5.87E+3	5.85E+3	5.81E+3	5.69E+3	5.49E+3	5.13E+3	4.16E+3	2.94E+3	1.47E+3	1.84E+2	5.75E+0
Sb121	1.06E+3	1.06E+3	1.06E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3	1.07E+3
Sb123	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3	1.30E+3
Te125	2.70E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3	2.71E+3
Te128	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4	2.46E+4
Te130	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4	9.39E+4
I127	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4	1.06E+4
I129	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.55E+4	4.54E+4	4.54E+4	4.54E+4	4.53E+4	4.51E+4	4.45E+4	4.35E+4
Xe130	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3	1.90E+3

Xe131	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5	1.04E+5
Xe132	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5	2.80E+5
Xe134	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5	3.81E+5
Xe136	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5	5.52E+5
Cs133	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.86E+5
Cs135	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.13E+5	1.12E+5	1.10E+5	1.07E+5	9.75E+4	8.39E+4
Cs137	1.73E+5	8.69E+4	2.74E+4	2.74E+3	2.72E+0	2.68E-5	2.61E-15	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba134	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4
Ba136	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3	5.69E+3
Ba137	1.49E+5	2.36E+5	2.95E+5	3.20E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5	3.23E+5
Ba138	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5	3.25E+5
La139	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5	3.06E+5
Ce140	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5	3.27E+5
Ce142	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5	2.87E+5
Pr141	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5	2.81E+5
Nd142	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3
Nd143	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5	1.95E+5
Nd144	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5
Nd145	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5	1.70E+5
Nd146	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5	1.75E+5
Nd148	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4	9.32E+4
Nd150	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4	4.46E+4
Sm147	6.65E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4	6.66E+4
Sm148	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4	4.00E+4
Sm149	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2	5.95E+2
Sm150	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4	7.02E+4
Sm151	2.21E+3	1.75E+3	1.18E+3	5.41E+2	5.19E+1	1.05E+0	4.23E-4	2.81E-14	3.05E-31	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm152	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4	2.65E+4
Sm154	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3	8.82E+3
Eu153	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4
Eu154	7.13E+2	6.33E+1	1.12E+0	3.50E-4	1.06E-14	3.16E-32	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd154	4.89E+3	5.54E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3	5.60E+3
Gd156	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4	2.25E+4
Gd158	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3
Tb159	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2	5.99E+2
	Total														
Activ.	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7	7.73E+7
Actin.	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8	2.20E+8
FP	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6	8.68E+6
All	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8	3.06E+8

3.2　放射能

表 29　1 号機炉心、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
Cr51	1.55E+6	1.55E+6	1.55E+6	1.54E+6	1.52E+6	1.44E+6	1.21E+6	7.34E+5	1.64E+5	1.72E+4	1.67E+2	1.80E-2	0.0E+0	0.0E+0	0.0E+0
Mn54	6.46E+4	6.46E+4	6.45E+4	6.45E+4	6.44E+4	6.41E+4	6.32E+4	6.04E+4	5.29E+4	4.33E+4	2.87E+4	1.28E+4	1.12E+3	1.96E+1	5.93E-3
Mn56	3.18E+4	2.43E+4	1.42E+4	2.16E+3	5.02E+1	1.25E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Fe55	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.41E+5	3.40E+5	3.39E+5	3.34E+5	3.19E+5	2.99E+5	2.61E+5	2.00E+5	8.99E+4	2.37E+4	1.65E+3
Fe59	2.52E+4	2.51E+4	2.51E+4	2.50E+4	2.48E+4	2.40E+4	2.16E+4	1.58E+4	6.29E+3	1.57E+3	9.06E+1	3.27E-1	1.53E-8	0.0E+0	0.0E+0
Co58	1.80E+5	1.80E+5	1.80E+5	1.79E+5	1.78E+5	1.75E+5	1.63E+5	1.34E+5	7.45E+4	3.09E+4	5.03E+3	1.41E+2	3.07E-3	0.0E+0	0.0E+0
Co60	2.53E+3	2.53E+3	2.53E+3	2.53E+3	2.53E+3	2.53E+3	2.52E+3	2.50E+3	2.45E+3	2.37E+3	2.22E+3	1.94E+3	1.31E+3	6.79E+2	1.82E+2
Ni63	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.22E+4	1.21E+4	1.18E+4	1.14E+4	1.05E+4
Ni65	1.44E+4	1.10E+4	6.33E+3	9.23E+2	1.96E+1	3.62E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	4.77E+4	4.77E+4	4.76E+4	4.74E+4	4.71E+4	4.58E+4	4.16E+4	3.16E+4	1.39E+4	4.04E+3	3.18E+2	2.12E+0	6.30E-7	0.0E+0	0.0E+0
Sr91	5.77E+3	5.37E+3	4.65E+3	2.81E+3	1.03E+3	3.24E+1	1.82E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	2.79E+5	2.77E+5	2.72E+5	2.56E+5	2.26E+5	1.48E+5	3.35E+4	4.86E+2	2.08E+0	6.06E-1	4.77E-2	3.19E-4	0.0E+0	0.0E+0	0.0E+0
Y90	5.12E+5	5.06E+5	4.96E+5	4.60E+5	3.95E+5	2.35E+5	3.82E+4	2.14E+2	1.00E+0	9.97E-1	9.85E-1	9.61E-1	8.94E-1	7.93E-1	6.23E-1
Y91	5.55E+4	5.55E+4	5.54E+4	5.53E+4	5.49E+4	5.36E+4	4.93E+4	3.89E+4	1.91E+4	6.58E+3	7.33E+2	9.68E+0	2.23E-5	0.0E+0	0.0E+0
Y92	2.17E+4	1.79E+4	1.21E+4	3.06E+3	1.97E+2	1.63E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr89	2.80E+5	2.77E+5	2.72E+5	2.56E+5	2.26E+5	1.48E+5	3.35E+4	4.82E+2	1.43E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	4.45E+7	4.45E+7	4.45E+7	4.43E+7	4.41E+7	4.31E+7	4.00E+7	3.22E+7	1.68E+7	6.34E+6	8.53E+5	1.64E+4	1.15E-1	0.0E+0	0.0E+0
Zr97	8.06E+7	7.74E+7	7.13E+7	5.35E+7	3.01E+7	4.22E+6	4.31E+3	1.23E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	3.87E+7	3.87E+7	3.87E+7	3.87E+7	3.88E+7	3.90E+7	3.93E+7	3.81E+7	2.70E+7	1.23E+7	1.84E+6	3.72E+4	2.54E-1	0.0E+0	0.0E+0
Nb96	5.16E+4	5.01E+4	4.72E+4	3.83E+4	2.53E+4	6.08E+3	4.15E+1	2.69E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95m	3.97E+5	3.97E+5	3.97E+5	3.97E+5	3.97E+5	3.96E+5	3.77E+5	3.07E+5	1.60E+5	6.05E+4	8.14E+3	1.56E+2	1.10E-3	0.0E+0	0.0E+0
Nb97	8.06E+7	7.97E+7	7.54E+7	5.75E+7	3.03E+7	4.24E+6	4.34E+3	1.33E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	7.66E+7	7.36E+7	6.78E+7	5.09E+7	2.87E+7	4.01E+6	4.10E+3	1.17E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	2.19E+3	2.17E+3	2.12E+3	1.97E+3	1.70E+3	1.03E+3	1.76E+2	1.13E+0	3.02E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In113m	1.35E+6	1.35E+6	1.35E+6	1.35E+6	1.34E+6	1.32E+6	1.27E+6	1.13E+6	7.84E+5	4.56E+5	1.49E+5	1.66E+4	2.26E+1	3.77E-4	0.0E+0
In114m	2.47E+5	2.47E+5	2.47E+5	2.46E+5	2.44E+5	2.37E+5	2.15E+5	1.63E+5	7.02E+4	1.99E+4	1.49E+3	8.96E+0	1.95E-6	0.0E+0	0.0E+0
In114	6.20E+5	2.39E+5	2.39E+5	2.38E+5	2.36E+5	2.29E+5	2.08E+5	1.57E+5	6.79E+4	1.93E+4	1.44E+3	8.66E+0	1.89E-6	0.0E+0	0.0E+0
Sn113	1.35E+6	1.35E+6	1.35E+6	1.34E+6	1.34E+6	1.32E+6	1.27E+6	1.13E+6	7.84E+5	4.56E+5	1.49E+5	1.66E+4	2.25E+1	3.77E-4	0.0E+0
Sn119m	2.31E+6	2.31E+6	2.31E+6	2.31E+6	2.30E+6	2.29E+6	2.26E+6	2.15E+6	1.87E+6	1.51E+6	9.74E+5	4.10E+5	3.07E+4	4.09E+2	7.24E-2
Sn117m	4.35E+6	4.34E+6	4.32E+6	4.26E+6	4.13E+6	3.73E+6	2.61E+6	9.42E+5	4.43E+4	4.51E+2	3.58E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn121	3.28E+6	3.20E+6	3.04E+6	2.54E+6	1.77E+6	5.19E+5	7.60E+3	5.84E+2	5.83E+2	5.81E+2	5.78E+2	5.70E+2	5.49E+2	5.16E+2	4.55E+2
Sn123	2.86E+5	2.86E+5	2.86E+5	2.86E+5	2.85E+5	2.82E+5	2.71E+5	2.44E+5	1.77E+5	1.09E+5	4.03E+4	5.68E+3	1.59E+1	8.80E-4	0.0E+0
Sn125m	1.01E+6	1.27E+4	2.04E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Sn125	1.27E+6	1.27E+6	1.26E+6	1.23E+6	1.18E+6	1.02E+6	6.19E+5	1.47E+5	1.97E+3	3.05E+0	5.02E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	2.75E+5	2.73E+5	2.67E+5	2.48E+5	2.14E+5	1.28E+5	2.16E+4	1.33E+2	3.10E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.34E+4	1.31E+4	1.21E+4	9.58E+3	4.80E+3	1.70E+3	2.02E+2	3.01E+0	9.97E-6	0.0E+0	0.0E+0
Sb125	9.44E+5	9.44E+5	9.44E+5	9.44E+5	9.44E+5	9.44E+5	9.44E+5	9.35E+5	8.99E+5	8.45E+5	7.44E+5	5.78E+5	2.72E+5	7.75E+4	6.28E+3
Sb126	3.45E+4	3.44E+4	3.42E+4	3.37E+4	3.26E+4	2.92E+4	1.98E+4	6.50E+3	2.31E+2	1.55E+0	5.21E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	3.09E+5	3.09E+5	3.09E+5	3.09E+5	3.09E+5	3.10E+5	3.11E+5	3.15E+5	3.18E+5	3.08E+5	2.75E+5	2.15E+5	1.01E+5	2.88E+4	2.33E+3
	Actinide														
U237	7.97E+8	7.94E+8	7.87E+8	7.64E+8	7.19E+8	5.86E+8	2.85E+8	3.66E+7	8.26E+4	5.36E+3	5.22E+3	4.98E+3	4.31E+3	3.38E+3	2.09E+3
U239	2.5E+10	4.34E+9	1.27E+8	5.37E+2	9.65E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
U240	3.50E+4	3.33E+4	3.02E+4	2.14E+4	1.08E+4	1.02E+3	2.64E-1	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4
Np236m	7.04E+3	6.82E+3	6.42E+3	5.17E+3	3.36E+3	7.66E+2	4.33E+0	1.64E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	2.62E+8	2.58E+8	2.51E+8	2.28E+8	1.88E+8	9.79E+7	9.90E+6	1.43E+4	1.16E+2	1.16E+2	1.16E+2	1.15E+2	1.13E+2	1.11E+2	1.06E+2
Np239	2.5E+10	2.5E+10	2.5E+10	2.3E+10	1.9E+10	1.1E+10	1.34E+9	3.76E+6	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.52E+4	2.52E+4
Np240	1.45E+7	7.63E+6	2.12E+6	2.41E+4	3.10E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np240m	3.67E+6	4.68E+4	3.05E+4	2.16E+4	1.09E+4	1.03E+3	2.66E-1	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4	4.38E-4
Pu238	4.63E+6	4.63E+6	4.63E+6	4.63E+6	4.63E+6	4.64E+6	4.66E+6	4.70E+6	4.78E+6	4.87E+6	4.97E+6	5.00E+6	4.91E+6	4.72E+6	4.36E+6
Pu239	7.01E+5	7.01E+5	7.01E+5	7.02E+5	7.03E+5	7.05E+5	7.07E+5	7.08E+5	7.08E+5	7.08E+5	7.08E+5	7.08E+5	7.08E+5	7.08E+5	7.07E+5
Pu240	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.87E+5	8.88E+5	8.88E+5	8.89E+5
Pu241	2.23E+8	2.23E+8	2.23E+8	2.23E+8	2.23E+8	2.23E+8	2.23E+8	2.22E+8	2.21E+8	2.18E+8	2.13E+8	2.03E+8	1.76E+8	1.38E+8	8.53E+7
Pu242	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3
Pu243	2.14E+8	1.86E+8	1.40E+8	5.28E+7	7.45E+6	9.03E+3	1.61E-4	1.60E-4	1.60E-4	1.60E-4	1.60E-4	1.60E-4	1.60E-4	1.60E-4	1.60E-4
Am241	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.63E+5	5.65E+5	5.71E+5	5.91E+5	6.49E+5	7.36E+5	9.10E+5	1.24E+6	2.14E+6	3.37E+6	5.06E+6
Am242	1.65E+8	1.58E+8	1.45E+8	1.07E+8	5.86E+7	7.36E+6	2.82E+4	2.31E+4	2.31E+4	2.30E+4	2.30E+4	2.29E+4	2.26E+4	2.21E+4	2.11E+4
Am242m	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.31E+4	2.30E+4	2.27E+4	2.22E+4	2.12E+4
Am243	2.52E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.52E+4	2.52E+4
Am244	3.04E+6	2.84E+6	2.47E+6	1.53E+6	5.85E+5	2.17E+4	2.14E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am244m	5.79E+7	1.17E+7	4.77E+5	6.54E+0	1.23E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am245	2.59E+3	1.94E+3	1.12E+3	2.73E+2	7.90E+1	3.39E+0	7.42E-5	1.60E-5	1.40E-5	1.15E-5	7.73E-6	3.50E-6	3.27E-7	6.25E-9	0.0E+0
Cm242	8.91E+7	8.91E+7	8.92E+7	8.92E+7	8.91E+7	8.85E+7	8.60E+7	7.90E+7	6.12E+7	4.18E+7	1.90E+7	4.05E+6	5.71E+4	1.83E+4	1.74E+4
Cm243	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.80E+4	2.79E+4	2.78E+4	2.76E+4	2.73E+4	2.66E+4	2.48E+4	2.19E+4	1.72E+4
Cm244	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.70E+6	2.70E+6	2.68E+6	2.66E+6	2.61E+6	2.51E+6	2.24E+6	1.85E+6	1.26E+6
	FP														
H3	9.49E+5	9.49E+5	9.49E+5	9.49E+5	9.49E+5	9.48E+5	9.47E+5	9.44E+5	9.36E+5	9.23E+5	8.97E+5	8.48E+5	7.17E+5	5.41E+5	3.09E+5
Zn72	3.00E+4	2.95E+4	2.87E+4	2.58E+4	2.10E+4	1.03E+4	8.38E+2	6.54E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga72	3.02E+4	3.02E+4	3.01E+4	2.92E+4	2.62E+4	1.43E+4	1.21E+3	9.39E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga73	8.31E+4	7.21E+4	5.42E+4	2.00E+4	2.71E+3	2.89E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga74	2.14E+5	1.57E+3	5.58E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge73m	8.27E+4	7.18E+4	5.40E+4	1.99E+4	2.70E+3	2.88E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge75	7.30E+5	4.55E+5	1.66E+5	4.94E+3	4.36E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge77	1.15E+6	1.09E+6	9.61E+5	6.26E+5	2.65E+5	1.40E+4	4.67E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge78	1.08E+7	6.76E+6	2.63E+6	9.61E+4	1.28E+2	1.81E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

As76	3.07E+4	2.99E+4	2.83E+4	2.35E+4	1.61E+4	4.45E+3	4.94E+1	1.28E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As77	4.00E+6	3.95E+6	3.85E+6	3.49E+6	2.81E+6	1.23E+6	6.17E+4	1.17E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As78	1.10E+7	1.00E+7	6.46E+6	5.85E+5	1.86E+3	1.08E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As79	2.01E+7	2.07E+5	2.04E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se77m	3.17E+5	3.12E+5	3.04E+5	2.76E+5	2.22E+5	9.74E+4	4.88E+3	9.28E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se79m	1.97E+7	3.59E+5	3.53E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81	7.53E+7	1.34E+7	1.64E+6	9.69E+3	3.73E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81m	9.28E+6	4.52E+6	1.06E+6	6.57E+3	2.53E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se83	9.16E+7	1.43E+7	3.45E+5	7.52E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82	2.62E+6	2.57E+6	2.47E+6	2.15E+6	1.64E+6	6.38E+5	2.36E+4	1.90E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82m	1.07E+6	1.21E+3	1.56E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br83	1.81E+8	1.46E+8	8.35E+7	1.11E+7	1.94E+5	1.85E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84	3.29E+8	9.85E+7	7.20E+6	7.61E+2	8.51E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84m	1.09E+7	1.07E+4	1.02E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr83m	1.81E+8	1.76E+8	1.40E+8	3.16E+7	7.43E+5	7.79E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85	2.31E+7	2.31E+7	2.31E+7	2.31E+7	2.31E+7	2.31E+7	2.30E+7	2.29E+7	2.27E+7	2.23E+7	2.16E+7	2.03E+7	1.67E+7	1.21E+7	6.36E+6
Kr85m	5.32E+8	4.61E+8	3.38E+8	1.15E+8	1.31E+7	7.83E+3	4.04E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	7.73E+8	4.53E+8	1.52E+8	3.36E+6	1.64E+3	7.18E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr88	1.08E+9	8.45E+8	5.19E+8	9.39E+7	3.08E+6	2.50E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr89	1.35E+9	2.51E+3	8.55E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb86	2.84E+6	2.84E+6	2.83E+6	2.80E+6	2.74E+6	2.54E+6	1.96E+6	9.32E+5	1.00E+5	3.52E+3	3.60E+0	4.53E−6	0.0E+0	0.0E+0	0.0E+0
Rb88	1.10E+9	9.34E+8	5.79E+8	1.05E+8	3.44E+6	2.79E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	1.44E+9	1.16E+8	4.77E+5	2.16E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90	1.34E+9	2.06E+3	7.29E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90m	4.08E+8	2.74E+4	1.09E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr87m	2.72E+3	2.12E+3	1.29E+3	2.29E+2	7.19E+0	5.03E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	1.36E+9	1.36E+9	1.36E+9	1.36E+9	1.35E+9	1.31E+9	1.19E+9	9.04E+8	3.97E+8	1.16E+8	9.10E+6	6.07E+4	1.80E−2	0.0E+0	0.0E+0
Sr90	1.50E+8	1.50E+8	1.50E+8	1.50E+8	1.50E+8	1.50E+8	1.50E+8	1.49E+8	1.49E+8	1.48E+8	1.46E+8	1.43E+8	1.33E+8	1.18E+8	9.24E+7
Sr91	1.84E+9	1.72E+9	1.49E+9	8.99E+8	3.28E+8	1.04E+7	5.82E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	1.94E+9	1.50E+9	9.00E+8	1.50E+8	4.19E+6	1.96E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr93	2.15E+9	8.00E+6	1.09E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	2.05E+5	2.05E+5	2.04E+5	2.04E+5	2.02E+5	1.96E+5	1.78E+5	1.36E+5	5.96E+4	1.73E+4	1.37E+3	9.11E+0	2.70E−6	0.0E+0	0.0E+0
Y90	1.52E+8	1.52E+8	1.52E+8	1.52E+8	1.52E+8	1.51E+8	1.50E+8	1.49E+8	1.49E+8	1.48E+8	1.46E+8	1.43E+8	1.33E+8	1.18E+8	9.24E+7
Y90m	1.57E+4	1.27E+4	8.20E+3	1.79E+3	8.54E+1	2.51E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y91	1.68E+9	1.68E+9	1.68E+9	1.68E+9	1.67E+9	1.63E+9	1.50E+9	1.19E+9	5.82E+8	2.00E+8	2.23E+7	2.95E+5	6.79E−1	0.0E+0	0.0E+0
Y91m	1.64E+9	1.61E+9	1.44E+9	8.76E+8	3.20E+8	1.01E+7	5.66E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	1.95E+9	1.91E+9	1.66E+9	6.78E+8	6.17E+7	6.17E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	2.20E+9	2.08E+9	1.82E+9	1.13E+9	4.34E+8	1.64E+7	1.74E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y94	2.29E+9	2.64E+8	3.09E+6	5.36E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	2.36E+9	4.30E+7	1.34E+4	7.10E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr93	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3

Zr95	2.12E+9	2.12E+9	2.12E+9	2.11E+9	2.10E+9	2.05E+9	1.90E+9	1.53E+9	8.01E+8	3.02E+8	4.07E+7	7.79E+5	5.48E+0	1.42E-8	0.0E+0
Zr97	2.37E+9	2.27E+9	2.10E+9	1.57E+9	8.86E+8	1.24E+8	1.27E+5	3.62E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	1.86E+9	1.86E+9	1.86E+9	1.86E+9	1.87E+9	1.87E+9	1.89E+9	1.83E+9	1.29E+9	5.87E+8	8.76E+7	1.77E+6	1.21E+1	3.12E-8	0.0E+0
Nb95m	1.90E+7	1.90E+7	1.90E+7	1.90E+7	1.90E+7	1.89E+7	1.80E+7	1.46E+7	7.64E+6	2.88E+6	3.88E+5	7.43E+3	5.23E-2	0.0E+0	0.0E+0
Nb96	3.44E+6	3.34E+6	3.14E+6	2.55E+6	1.69E+6	4.05E+5	2.77E+3	1.79E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97	2.38E+9	2.35E+9	2.22E+9	1.69E+9	8.91E+8	1.24E+8	1.28E+5	3.90E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	2.25E+9	2.16E+9	1.99E+9	1.50E+9	8.42E+8	1.18E+8	1.21E+5	3.44E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb98m	2.51E+7	1.12E+7	2.21E+6	7.57E+3	8.91E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	2.57E+9	2.54E+9	2.49E+9	2.31E+9	1.99E+9	1.20E+9	2.06E+8	1.33E+6	3.54E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	2.32E+9	1.36E+8	4.58E+5	1.02E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo102	2.14E+9	5.41E+7	3.44E+4	2.23E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99	2.70E+4	2.70E+4	2.70E+4	2.70E+4	2.70E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4
Tc99m	2.24E+9	2.24E+9	2.23E+9	2.14E+9	1.90E+9	1.15E+9	1.97E+8	1.27E+6	3.39E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	2.32E+9	5.06E+8	3.92E+6	2.07E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	2.14E+9	5.45E+7	3.47E+4	2.24E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	1.57E+9	1.74E+8	1.89E+6	2.54E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc105	1.22E+9	5.65E+6	1.05E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	1.88E+9	1.88E+9	1.88E+9	1.87E+9	1.85E+9	1.79E+9	1.58E+9	1.11E+9	3.84E+8	7.85E+7	2.98E+6	4.72E+3	1.87E-5	0.0E+0	0.0E+0
Ru105	1.24E+9	1.09E+9	7.98E+8	2.68E+8	3.01E+7	1.67E+4	6.75E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru106	5.25E+8	5.25E+8	5.25E+8	5.25E+8	5.24E+8	5.23E+8	5.16E+8	4.97E+8	4.45E+8	3.76E+8	2.67E+8	1.36E+8	1.77E+7	5.99E+5	6.86E+2
Ru107	6.63E+8	1.11E+4	2.57E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru108	4.17E+8	4.51E+4	5.19E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh102	4.44E+3	4.44E+3	4.44E+3	4.43E+3	4.42E+3	4.39E+3	4.29E+3	4.01E+3	3.28E+3	2.43E+3	1.31E+3	3.85E+2	9.85E+0	2.19E-2	1.08E-7
Rh103m	1.88E+9	1.88E+9	1.88E+9	1.87E+9	1.85E+9	1.78E+9	1.58E+9	1.11E+9	3.84E+8	7.83E+7	2.98E+6	4.72E+3	1.87E-5	0.0E+0	0.0E+0
Rh104	8.39E+8	4.92E+3	2.27E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh104m	6.07E+7	4.12E+3	1.90E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105	1.18E+9	1.18E+9	1.17E+9	1.08E+9	8.48E+8	3.33E+8	1.24E+7	1.01E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105m	3.52E+8	3.12E+8	2.28E+8	7.64E+7	8.59E+6	4.77E+3	1.93E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh106	5.63E+8	5.25E+8	5.25E+8	5.25E+8	5.24E+8	5.23E+8	5.16E+8	4.97E+8	4.45E+8	3.76E+8	2.67E+8	1.36E+8	1.77E+7	5.99E+5	6.86E+2
Rh106m	1.81E+7	1.32E+7	6.99E+6	7.57E+5	8.89E+3	2.14E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh107	6.65E+8	1.20E+8	2.59E+6	3.87E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108	4.21E+8	4.81E+4	5.53E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108m	9.36E+6	9.14E+3	8.72E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	3.77E+8	3.60E+8	3.25E+8	2.28E+8	1.12E+8	9.90E+6	2.01E+3	5.72E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111	6.43E+7	1.25E+7	1.79E+6	6.13E+5	1.05E+5	2.48E+2	1.58E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111m	2.75E+6	2.43E+6	1.89E+6	7.81E+5	1.34E+5	3.15E+2	2.01E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd112	3.13E+7	3.03E+7	2.84E+7	2.25E+7	1.42E+7	2.92E+6	1.15E+4	1.55E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag109m	3.77E+8	3.60E+8	3.25E+8	2.28E+8	1.12E+8	9.90E+6	2.11E+3	9.38E+1	8.58E+1	7.50E+1	5.68E+1	3.29E+1	6.37E+0	4.13E-1	1.74E-3
Ag110	1.34E+8	5.50E+4	5.49E+4	5.49E+4	5.48E+4	5.45E+4	5.35E+4	5.06E+4	4.28E+4	3.34E+4	1.99E+4	7.24E+3	3.46E+2	2.18E+0	8.63E-5
Ag110m	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.03E+6	4.01E+6	3.93E+6	3.72E+6	3.15E+6	2.45E+6	1.47E+6	5.32E+5	2.54E+4	1.60E+2	6.34E-3
Ag111	6.43E+7	6.41E+7	6.37E+7	6.20E+7	5.88E+7	4.88E+7	2.54E+7	3.96E+6	1.49E+4	3.44E+0	1.13E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Ag111m	6.46E+7	1.35E+7	2.21E+6	7.85E+5	1.34E+5	3.17E+2	2.03E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	3.14E+7	3.13E+7	3.06E+7	2.59E+7	1.67E+7	3.43E+6	1.35E+4	1.82E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag113	1.92E+7	1.70E+7	1.31E+7	5.31E+6	8.71E+5	1.77E+3	6.76E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag115	8.01E+6	1.03E+6	1.61E+4	7.70E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd111m	1.98E+4	8.41E+3	1.52E+3	3.80E+0	2.38E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd113m	4.70E+4	4.70E+4	4.70E+4	4.70E+4	4.70E+4	4.70E+4	4.69E+4	4.68E+4	4.64E+4	4.59E+4	4.47E+4	4.26E+4	3.68E+4	2.87E+4	1.76E+4
Cd115	1.05E+7	1.04E+7	1.02E+7	9.30E+6	7.76E+6	4.16E+6	4.72E+5	9.37E+2	7.33E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd115m	5.42E+5	5.42E+5	5.41E+5	5.39E+5	5.34E+5	5.17E+5	4.64E+5	3.40E+5	1.34E+5	3.30E+4	1.85E+3	6.30E+0	2.49E−7	0.0E+0	0.0E+0
Cd117	1.04E+7	7.93E+6	4.54E+6	6.47E+5	1.31E+4	2.05E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd117m	2.61E+6	2.13E+6	1.41E+6	3.33E+5	1.85E+4	9.32E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd118	1.03E+7	4.53E+6	8.67E+5	2.66E+3	2.49E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In114	5.64E+3	2.15E+3	2.15E+3	2.14E+3	2.12E+3	2.06E+3	1.87E+3	1.41E+3	6.10E+2	1.73E+2	1.29E+1	7.79E−2	1.70E−8	0.0E+0	0.0E+0
In114m	2.22E+3	2.22E+3	2.22E+3	2.21E+3	2.19E+3	2.13E+3	1.93E+3	1.46E+3	6.30E+2	1.79E+2	1.34E+1	8.05E−2	1.75E−8	0.0E+0	0.0E+0
In115m	1.05E+7	1.05E+7	1.05E+7	9.93E+6	8.44E+6	4.55E+6	5.15E+5	1.05E+3	9.40E+0	2.32E+0	1.30E−1	4.43E−4	0.0E+0	0.0E+0	0.0E+0
In116m	3.26E+6	1.52E+6	3.29E+5	1.56E+3	3.52E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117	7.96E+6	7.67E+6	6.12E+6	1.56E+6	5.08E+4	1.25E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117m	9.57E+6	9.20E+6	7.26E+6	1.74E+6	4.84E+4	1.17E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In118	1.03E+7	4.54E+6	8.68E+5	2.66E+3	2.50E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119	5.63E+6	4.21E+4	4.14E+2	3.92E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119m	5.57E+6	6.51E+5	6.41E+3	6.06E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	1.33E+5	1.33E+5	1.33E+5	1.32E+5	1.28E+5	1.15E+5	8.08E+4	2.92E+4	1.37E+3	1.39E+1	1.11E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn119m	4.42E+4	4.42E+4	4.42E+4	4.41E+4	4.41E+4	4.39E+4	4.31E+4	4.11E+4	3.57E+4	2.89E+4	1.86E+4	7.85E+3	5.88E+2	7.82E+0	1.38E−3
Sn121	1.11E+7	1.09E+7	1.03E+7	8.64E+6	6.03E+6	1.77E+6	2.71E+4	3.27E+3	3.26E+3	3.25E+3	3.23E+3	3.19E+3	3.07E+3	2.88E+3	2.54E+3
Sn121m	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.21E+3	4.20E+3	4.19E+3	4.16E+3	4.11E+3	3.96E+3	3.71E+3	3.28E+3
Sn123	7.93E+5	7.93E+5	7.92E+5	7.91E+5	7.89E+5	7.80E+5	7.51E+5	6.75E+5	4.89E+5	3.02E+5	1.12E+5	1.57E+4	4.39E+1	2.44E−3	0.0E+0
Sn123m	1.19E+7	4.27E+6	5.36E+5	3.75E+2	1.83E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125	6.11E+6	6.09E+6	6.06E+6	5.93E+6	5.69E+6	4.93E+6	2.98E+6	7.07E+5	9.46E+3	1.47E+1	2.41E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125m	2.01E+7	2.57E+5	4.11E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn126	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3
Sn127	4.64E+7	3.34E+7	1.72E+7	1.71E+6	1.68E+4	2.22E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn127m	5.81E+7	2.48E+3	4.44E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	1.96E+8	9.70E+7	2.38E+7	1.73E+5	9.24E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn129m	1.95E+8	4.69E+5	2.73E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn130	4.80E+8	6.69E+3	1.30E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	9.32E+5	9.22E+5	9.03E+5	8.39E+5	7.23E+5	4.34E+5	7.32E+4	4.50E+2	1.05E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	5.17E+5	5.17E+5	5.17E+5	5.15E+5	5.11E+5	5.00E+5	4.61E+5	3.66E+5	1.84E+5	6.51E+4	7.71E+3	1.15E+2	3.81E−4	0.0E+0	0.0E+0
Sb125	1.09E+7	1.09E+7	1.09E+7	1.09E+7	1.09E+7	1.09E+7	1.08E+7	1.07E+7	1.03E+7	9.65E+6	8.50E+6	6.61E+6	3.11E+6	8.85E+5	7.17E+4
Sb126	6.86E+5	6.85E+5	6.82E+5	6.71E+5	6.49E+5	5.81E+5	3.94E+5	1.30E+5	4.78E+3	2.04E+2	1.73E+2	1.73E+2	1.73E+2	1.73E+2	1.73E+2
Sb126m	4.40E+5	5.12E+4	1.88E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3
Sb127	1.10E+8	1.09E+8	1.08E+8	1.03E+8	9.26E+7	6.46E+7	1.83E+7	5.03E+5	1.04E+1	9.68E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128	1.58E+7	1.51E+7	1.32E+7	7.79E+6	2.66E+6	6.62E+4	1.62E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Sb128m	2.10E+8	1.17E+8	2.89E+7	2.10E+5	1.12E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	4.20E+8	3.64E+8	2.66E+8	8.83E+7	9.73E+6	5.06E+3	1.62E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	1.68E+8	5.87E+7	7.14E+6	4.50E+3	1.78E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130m	6.06E+8	1.76E+6	3.26E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	1.10E+9	1.83E+8	4.95E+6	1.60E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb132m	4.10E+8	1.61E+4	2.50E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te123m	4.26E+3	4.26E+3	4.26E+3	4.25E+3	4.24E+3	4.19E+3	4.02E+3	3.58E+3	2.53E+3	1.50E+3	5.14E+2	6.20E+1	1.09E-1	2.77E-6	0.0E+0
Te125m	3.55E+6	3.55E+6	3.55E+6	3.55E+6	3.56E+6	3.56E+6	3.58E+6	3.62E+6	3.64E+6	3.53E+6	3.15E+6	2.45E+6	1.15E+6	3.29E+5	2.66E+4
Te127	1.03E+8	1.03E+8	1.03E+8	1.01E+8	9.48E+7	6.99E+7	2.55E+7	7.53E+6	4.82E+6	2.72E+6	8.37E+5	8.21E+4	7.75E+1	7.03E-4	0.0E+0
Te127m	8.15E+6	8.15E+6	8.16E+6	8.17E+6	8.19E+6	8.22E+6	8.09E+6	7.20E+6	4.92E+6	2.78E+6	8.55E+5	8.38E+4	7.91E+1	7.17E-4	0.0E+0
Te129	4.12E+8	3.98E+8	3.31E+8	1.36E+8	3.97E+7	2.66E+7	2.30E+7	1.53E+7	4.42E+6	6.91E+5	1.51E+4	8.08E+0	1.23E-9	0.0E+0	0.0E+0
Te129m	4.40E+7	4.40E+7	4.39E+7	4.38E+7	4.33E+7	4.15E+7	3.59E+7	2.38E+7	6.90E+6	1.08E+6	2.36E+4	1.26E+1	1.92E-9	0.0E+0	0.0E+0
Te131	1.12E+9	5.57E+8	1.00E+8	5.61E+7	4.06E+7	1.34E+7	2.76E+5	4.21E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te131m	3.12E+8	3.06E+8	2.93E+8	2.49E+8	1.80E+8	5.94E+7	1.23E+6	1.87E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	1.95E+9	1.94E+9	1.90E+9	1.78E+9	1.57E+9	1.02E+9	2.24E+8	2.96E+6	6.82E+0	2.38E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	1.49E+9	1.99E+8	3.35E+7	1.75E+5	4.77E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	1.36E+9	6.46E+8	1.44E+8	7.52E+5	2.05E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	2.57E+9	9.50E+8	1.30E+8	1.24E+5	1.11E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I128	7.18E+6	1.36E+6	4.87E+4	4.23E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130	1.92E+7	1.82E+7	1.63E+7	1.10E+7	5.02E+6	3.40E+5	2.75E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130m	7.87E+6	7.75E+4	7.50E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	1.35E+9	1.35E+9	1.34E+9	1.31E+9	1.26E+9	1.08E+9	5.94E+8	1.05E+8	5.91E+5	2.47E+2	2.76E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I132	1.99E+9	1.98E+9	1.95E+9	1.84E+9	1.62E+9	1.05E+9	2.31E+8	3.05E+6	7.03E+0	2.46E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	2.84E+9	2.79E+9	2.64E+9	2.09E+9	1.31E+9	2.65E+8	9.84E+5	1.12E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	2.11E+8	5.88E+7	1.31E+7	6.84E+4	1.86E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	3.17E+9	2.28E+9	7.21E+8	4.32E+6	7.29E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134m	2.60E+8	2.49E+3	2.30E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	2.69E+9	2.42E+9	1.96E+9	9.35E+8	2.14E+8	1.35E+6	2.70E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe129m	4.81E+3	4.79E+3	4.76E+3	4.65E+3	4.45E+3	3.80E+3	2.20E+3	4.63E+2	4.31E+0	3.86E-3	2.06E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe131m	1.51E+7	1.51E+7	1.51E+7	1.51E+7	1.50E+7	1.48E+7	1.28E+7	5.78E+6	2.31E+5	1.26E+3	2.46E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	2.71E+9	2.71E+9	2.71E+9	2.69E+9	2.62E+9	2.17E+9	8.90E+8	6.35E+7	2.28E+4	1.55E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133m	8.10E+7	8.10E+7	8.09E+7	7.98E+7	7.44E+7	4.76E+7	5.72E+6	1.02E+4	5.78E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	1.05E+9	1.16E+9	1.31E+9	1.32E+9	7.40E+8	3.03E+7	9.88E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	6.04E+8	4.26E+8	3.38E+8	1.61E+8	3.68E+7	2.33E+5	4.66E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe137	2.57E+9	5.06E+4	1.75E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	2.45E+9	1.28E+8	3.49E+5	3.68E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs132	2.43E+4	2.42E+4	2.40E+4	2.33E+4	2.18E+4	1.76E+4	8.34E+3	9.82E+2	1.60E+0	1.05E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	1.90E+8	1.90E+8	1.90E+8	1.90E+8	1.90E+8	1.90E+8	1.89E+8	1.85E+8	1.75E+8	1.61E+8	1.36E+8	9.72E+7	3.55E+7	6.63E+6	2.31E+5
Cs134m	4.62E+7	3.64E+7	2.26E+7	4.24E+6	1.50E+5	1.58E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs135m	1.09E+7	4.99E+6	1.04E+6	4.28E+3	7.25E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs136	5.42E+7	5.40E+7	5.38E+7	5.30E+7	5.14E+7	4.62E+7	3.20E+7	1.12E+7	4.73E+5	4.13E+3	2.39E-1	1.06E-9	0.0E+0	0.0E+0	0.0E+0

Cs137	2.02E+8	2.02E+8	2.02E+8	2.02E+8	2.02E+8	2.02E+8	2.02E+8	2.02E+8	2.01E+8	2.00E+8	1.98E+8	1.93E+8	1.80E+8	1.61E+8	1.28E+8
Cs138	2.64E+9	1.19E+9	1.06E+8	1.75E+4	4.74E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs139	2.48E+9	2.95E+7	3.74E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba135m	1.45E+5	1.42E+5	1.35E+5	1.14E+5	8.13E+4	2.55E+4	4.40E+2	4.06E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba136m	8.66E+6	8.65E+6	8.61E+6	8.48E+6	8.22E+6	7.40E+6	5.12E+6	1.78E+6	7.57E+4	6.61E+2	3.83E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	1.92E+8	1.92E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.90E+8	1.89E+8	1.87E+8	1.83E+8	1.71E+8	1.52E+8	1.21E+8
Ba139	2.54E+9	1.74E+9	6.39E+8	1.92E+7	1.73E+4	6.34E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	2.52E+9	2.51E+9	2.50E+9	2.46E+9	2.39E+9	2.14E+9	1.46E+9	4.94E+8	1.89E+7	1.42E+5	6.04E+0	1.45E-8	0.0E+0	0.0E+0	0.0E+0
Ba141	2.31E+9	2.41E+8	2.54E+6	3.04E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba142	2.20E+9	4.37E+7	1.71E+4	2.02E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	2.57E+9	2.57E+9	2.56E+9	2.55E+9	2.53E+9	2.37E+9	1.68E+9	5.69E+8	2.18E+7	1.64E+5	6.95E+0	1.67E-8	0.0E+0	0.0E+0	0.0E+0
La141	2.33E+9	2.10E+9	1.49E+9	4.31E+8	3.63E+7	7.46E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	2.28E+9	1.62E+9	6.53E+8	2.68E+7	4.51E+4	1.40E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	2.19E+9	1.17E+8	3.26E+5	3.70E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce139	1.37E+4	1.37E+4	1.37E+4	1.36E+4	1.36E+4	1.35E+4	1.30E+4	1.18E+4	8.69E+3	5.52E+3	2.17E+3	3.45E+2	1.38E+0	1.40E-4	0.0E+0
Ce141	2.26E+9	2.26E+9	2.26E+9	2.25E+9	2.23E+9	2.13E+9	1.84E+9	1.20E+9	3.34E+8	4.89E+7	9.41E+5	3.90E+2	2.76E-8	0.0E+0	0.0E+0
Ce143	2.21E+9	2.18E+9	2.09E+9	1.80E+9	1.35E+9	4.93E+8	1.46E+7	6.33E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	1.33E+9	1.33E+9	1.33E+9	1.33E+9	1.33E+9	1.32E+9	1.30E+9	1.24E+9	1.07E+9	8.58E+8	5.47E+8	2.25E+8	1.57E+7	1.84E+5	2.55E+1
Ce145	1.49E+9	1.77E+3	1.88E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce146	1.18E+9	5.45E+7	1.16E+5	5.13E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142	5.49E+7	5.31E+7	4.93E+7	3.83E+7	2.30E+7	4.04E+6	9.16E+3	2.54E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142m	1.17E+7	6.79E+5	2.28E+3	4.98E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr143	2.13E+9	2.13E+9	2.13E+9	2.13E+9	2.11E+9	1.99E+9	1.43E+9	5.16E+8	2.41E+7	2.43E+5	1.90E+1	1.51E-7	0.0E+0	0.0E+0	0.0E+0
Pr144	1.34E+9	1.33E+9	1.33E+9	1.33E+9	1.33E+9	1.32E+9	1.30E+9	1.24E+9	1.07E+9	8.58E+8	5.47E+8	2.25E+8	1.57E+7	1.84E+5	2.55E+1
Pr144m	2.02E+7	2.01E+7	2.01E+7	2.01E+7	2.00E+7	1.99E+7	1.96E+7	1.87E+7	1.61E+7	1.30E+7	8.26E+6	3.40E+6	2.36E+5	2.78E+3	3.85E-1
Pr145	1.49E+9	1.34E+9	1.06E+9	4.73E+8	9.34E+7	3.59E+5	1.27E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	1.18E+9	4.11E+8	1.52E+7	8.92E+1	3.02E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr147	9.19E+8	4.43E+7	8.94E+4	3.28E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	9.16E+8	9.14E+8	9.09E+8	8.93E+8	8.61E+8	7.58E+8	4.88E+8	1.38E+8	3.12E+6	1.07E+4	8.88E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd149	5.05E+8	3.45E+8	1.55E+8	9.34E+6	3.40E+4	1.48E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd151	2.48E+8	8.88E+6	1.11E+4	7.51E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd152	1.65E+8	4.30E+6	2.92E+3	2.37E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm146	2.50E+3	2.50E+3	2.50E+3	2.50E+3	2.50E+3	2.50E+3	2.49E+3	2.47E+3	2.42E+3	2.35E+3	2.21E+3	1.95E+3	1.34E+3	7.14E+2	2.04E+2
Pm147	2.84E+8	2.85E+8	2.85E+8	2.85E+8	2.85E+8	2.86E+8	2.87E+8	2.87E+8	2.76E+8	2.59E+8	2.27E+8	1.74E+8	7.88E+7	2.10E+7	1.50E+6
Pm148	2.12E+8	2.11E+8	2.08E+8	2.01E+8	1.86E+8	1.44E+8	5.92E+7	5.40E+6	3.77E+5	8.27E+4	3.69E+3	8.01E+0	8.20E-8	0.0E+0	0.0E+0
Pm148m	3.21E+7	3.21E+7	3.20E+7	3.19E+7	3.16E+7	3.05E+7	2.71E+7	1.94E+7	7.09E+6	1.56E+6	6.97E+4	1.51E+2	1.55E-6	0.0E+0	0.0E+0
Pm149	5.81E+8	5.79E+8	5.70E+8	5.25E+8	4.37E+8	2.34E+8	2.61E+7	4.94E+4	3.37E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm150	4.09E+6	3.15E+6	1.88E+6	3.08E+5	8.24E+3	3.35E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm151	2.50E+8	2.46E+8	2.35E+8	1.98E+8	1.40E+8	4.35E+7	7.20E+5	5.85E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152	1.67E+8	6.72E+6	4.55E+3	3.70E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152m	9.33E+6	3.69E+4	5.77E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Pm153	1.13E+8	5.61E+4	1.15E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	6.80E+5	6.80E+5	6.80E+5	6.82E+5	6.84E+5	6.87E+5	6.89E+5	6.89E+5	6.88E+5	6.86E+5	6.84E+5	6.78E+5	6.63E+5	6.37E+5	5.89E+5
Sm153	4.36E+8	4.30E+8	4.17E+8	3.76E+8	3.05E+8	1.49E+8	1.20E+7	9.05E+3	3.89E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm155	4.33E+7	6.93E+6	1.66E+5	3.56E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm156	2.61E+7	2.42E+7	2.09E+7	1.25E+7	4.44E+6	1.28E+5	5.27E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm157	1.61E+7	9.35E+4	2.98E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm158	8.38E+6	4.50E+3	1.25E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu152	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.05E+4	1.04E+4	1.04E+4	1.03E+4	1.02E+4	9.94E+3	9.45E+3	8.10E+3	6.27E+3	3.76E+3
Eu152m	2.33E+5	2.16E+5	1.86E+5	1.10E+5	3.88E+4	1.07E+3	3.79E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	8.63E+6	8.63E+6	8.63E+6	8.63E+6	8.63E+6	8.62E+6	8.61E+6	8.57E+6	8.46E+6	8.29E+6	7.96E+6	7.34E+6	5.76E+6	3.85E+6	1.72E+6
Eu155	6.34E+6	6.34E+6	6.34E+6	6.34E+6	6.34E+6	6.33E+6	6.31E+6	6.26E+6	6.12E+6	5.90E+6	5.48E+6	4.74E+6	3.06E+6	1.48E+6	3.44E+5
Eu156	1.92E+8	1.92E+8	1.91E+8	1.89E+8	1.84E+8	1.68E+8	1.22E+8	4.91E+7	3.17E+6	5.21E+4	1.11E+1	6.37E-7	0.0E+0	0.0E+0	0.0E+0
Eu157	1.92E+7	1.85E+7	1.69E+7	1.23E+7	6.48E+6	7.24E+5	3.37E+2	1.02E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu158	9.42E+6	4.28E+6	6.98E+5	1.23E+3	3.81E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu159	4.73E+6	5.43E+5	6.35E+3	1.10E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd153	8.04E+4	8.04E+4	8.04E+4	8.03E+4	8.02E+4	7.97E+4	7.81E+4	7.38E+4	6.21E+4	4.80E+4	2.82E+4	9.89E+3	4.26E+2	2.26E+0	6.33E-5
Gd159	5.69E+6	5.55E+6	5.16E+6	3.97E+6	2.35E+6	3.92E+5	7.37E+2	1.20E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd162	4.61E+5	3.36E+3	1.68E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb160	6.63E+5	6.62E+5	6.62E+5	6.60E+5	6.56E+5	6.44E+5	6.02E+5	4.97E+5	2.80E+5	1.18E+5	2.00E+4	6.03E+2	1.65E-2	0.0E+0	0.0E+0
Tb161	1.10E+6	1.09E+6	1.09E+6	1.05E+6	9.94E+5	8.12E+5	4.01E+5	5.34E+4	1.26E+2	1.44E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162	4.77E+5	1.63E+4	1.43E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162m	6.10E+3	4.47E+3	2.40E+3	2.73E+2	3.51E+0	1.16E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb163	2.00E+5	2.51E+4	3.52E+2	1.16E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy165	3.29E+5	2.46E+5	1.36E+5	1.70E+4	2.65E+2	1.71E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy166	1.91E+4	1.90E+4	1.86E+4	1.76E+4	1.56E+4	1.04E+4	2.49E+3	4.22E+1	2.06E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ho166	8.48E+4	8.31E+4	7.99E+4	6.97E+4	5.35E+4	2.42E+4	3.82E+3	6.29E+1	3.07E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	3.43E+8	3.34E+8	3.17E+8	2.64E+8	1.90E+8	1.10E+8	9.17E+7	7.93E+7	4.97E+7	2.28E+7	5.35E+6	1.53E+6	5.10E+5	1.44E+5	2.26E+4
Actin.	5.3E+10	3.1E+10	2.6E+10	2.4E+10	2.0E+10	1.2E+10	1.96E+9	3.51E+8	2.92E+8	2.70E+8	2.42E+8	2.17E+8	1.87E+8	1.50E+8	9.77E+7
FP	2.4E+11	9.0E+10	7.4E+10	5.9E+10	4.8E+10	3.5E+10	2.4E+10	1.6E+10	8.52E+9	5.07E+9	2.89E+9	1.70E+9	8.29E+8	5.97E+8	4.44E+8
All	3.0E+11	1.2E+11	1.0E+11	8.3E+10	6.8E+10	4.7E+10	2.6E+10	1.6E+10	8.86E+9	5.36E+9	3.14E+9	1.92E+9	1.02E+9	7.47E+8	5.42E+8

表 30　1 号機炉心、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	2.02E+2	2.01E+2	2.00E+2	1.97E+2	1.90E+2	1.79E+2	1.59E+2	1.10E+2	6.03E+1	1.80E+1	4.77E-1	1.12E-3	6.26E-9	0.00E+0	0.00E+0
Fe55	1.65E+3	5.54E-1	9.01E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	1.82E+2	3.52E+0	4.90E-3	9.50E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Ni59	8.13E+1	8.13E+1	8.12E+1	8.12E+1	8.10E+1	8.06E+1	7.99E+1	7.79E+1	7.46E+1	6.84E+1	5.27E+1	3.42E+1	1.44E+1	1.07E+0	1.40E-2
Ni63	1.05E+4	8.40E+3	5.76E+3	2.71E+3	2.83E+2	6.54E+0	3.50E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.88E+2	1.87E+2	1.84E+2	1.80E+2	1.72E+2	1.50E+2	1.19E+2
Nb93m	1.13E+2	1.61E+2	1.77E+2	1.79E+2	1.79E+2	1.79E+2	1.79E+2	1.79E+2	1.78E+2	1.77E+2	1.75E+2	1.71E+2	1.63E+2	1.42E+2	1.13E+2
Sn121	4.55E+2	3.12E+2	1.66E+2	4.73E+1	1.09E+0	2.03E-3	7.04E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	5.86E+2	4.02E+2	2.14E+2	6.10E+1	1.40E+0	2.62E-3	9.07E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	6.28E+3	3.34E+0	1.16E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	2.33E+3	1.24E+0	4.32E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	1.65E+1	1.25E+1	7.75E+0	2.96E+0	1.65E-1	1.63E-3	3.03E-4	3.33E-4	3.88E-4	5.09E-4	9.03E-4	1.58E-3	2.97E-3	7.26E-3	1.44E-2
Pb212	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Bi212	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Po212	2.94E+1	2.24E+1	1.38E+1	5.28E+0	2.94E-1	2.90E-3	5.40E-4	5.93E-4	6.92E-4	9.09E-4	1.61E-3	2.82E-3	5.30E-3	1.29E-2	2.57E-2
Po216	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Rn220	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Ra224	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Th228	4.58E+1	3.49E+1	2.16E+1	8.24E+0	4.59E-1	4.53E-3	8.43E-4	9.26E-4	1.08E-3	1.42E-3	2.51E-3	4.40E-3	8.27E-3	2.02E-2	4.02E-2
Th231	8.89E+1	8.89E+1	8.89E+1	8.90E+1	8.92E+1	8.95E+1	9.02E+1	9.21E+1	9.49E+1	9.95E+1	1.07E+2	1.12E+2	1.13E+2	1.13E+2	1.13E+2
Th234	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2
Pa233	5.47E+2	6.08E+2	7.23E+2	9.33E+2	1.39E+3	1.81E+3	2.07E+3	2.14E+3	2.14E+3	2.13E+3	2.11E+3	2.08E+3	2.01E+3	1.82E+3	1.55E+3
Pa234	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0	1.06E+0
Pa234m	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2
U232	4.51E+1	3.40E+1	2.10E+1	8.02E+0	4.47E-1	4.40E-3	7.84E-4	7.69E-4	7.47E-4	7.03E-4	5.87E-4	4.34E-4	2.38E-4	3.89E-5	1.91E-6
U234	3.15E+2	6.45E+2	1.05E+3	1.51E+3	1.85E+3	1.89E+3	1.88E+3	1.88E+3	1.86E+3	1.83E+3	1.75E+3	1.62E+3	1.42E+3	1.07E+3	8.76E+2
U235	8.89E+1	8.89E+1	8.89E+1	8.90E+1	8.92E+1	8.95E+1	9.02E+1	9.21E+1	9.49E+1	9.95E+1	1.07E+2	1.12E+2	1.13E+2	1.13E+2	1.13E+2
U236	5.79E+2	5.80E+2	5.81E+2	5.84E+2	5.92E+2	6.04E+2	6.26E+2	6.81E+2	7.42E+2	7.98E+2	8.26E+2	8.26E+2	8.24E+2	8.16E+2	8.04E+2
U237	2.09E+3	4.94E+2	4.45E+1	3.68E-1	7.29E-3	7.00E-3	6.45E-3	5.05E-3	3.36E-3	1.49E-3	1.29E-4	2.18E-6	0.00E+0	0.00E+0	0.00E+0
U238	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2	8.12E+2
Np237	5.47E+2	6.08E+2	7.23E+2	9.33E+2	1.39E+3	1.81E+3	2.07E+3	2.14E+3	2.14E+3	2.13E+3	2.11E+3	2.08E+3	2.01E+3	1.82E+3	1.55E+3
Np238	1.06E+2	9.24E+1	7.36E+1	4.66E+1	1.19E+1	1.21E+0	1.27E-2	1.46E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	2.52E+4	2.51E+4	2.50E+4	2.48E+4	2.41E+4	2.30E+4	2.09E+4	1.58E+4	9.88E+3	3.86E+3	2.31E+2	2.11E+0	3.35E-4	1.57E-4	1.54E-4
Pu236	6.57E+0	5.26E-3	7.93E-4	7.92E-4	7.91E-4	7.88E-4	7.83E-4	7.69E-4	7.47E-4	7.03E-4	5.87E-4	4.34E-4	2.38E-4	3.89E-5	1.91E-6
Pu238	4.36E+6	3.44E+6	2.32E+6	1.06E+6	1.02E+5	2.35E+3	2.98E+0	5.72E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	7.07E+5	7.07E+5	7.06E+5	7.04E+5	6.98E+5	6.88E+5	6.70E+5	6.16E+5	5.35E+5	4.02E+5	1.70E+5	4.03E+4	2.26E+3	4.00E-1	1.54E-4
Pu240	8.89E+5	8.89E+5	8.85E+5	8.76E+5	8.48E+5	8.04E+5	7.24E+5	5.26E+5	3.10E+5	1.07E+5	4.46E+3	2.22E+1	9.90E-4	4.37E-4	4.36E-4
Pu241	8.53E+7	2.01E+7	1.81E+6	1.50E+4	2.98E+2	2.86E+2	2.63E+2	2.06E+2	1.37E+2	6.07E+1	5.25E+0	8.90E-2	2.55E-5	0.00E+0	0.00E+0
Pu242	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.85E+3	2.84E+3	2.83E+3	2.80E+3	2.75E+3	2.61E+3	2.38E+3	1.99E+3	1.16E+3	4.76E+2
Am241	5.06E+6	6.93E+6	6.97E+6	5.99E+6	3.70E+6	1.66E+6	3.34E+5	2.94E+3	1.38E+2	6.07E+1	5.25E+0	8.90E-2	2.69E-5	0.00E+0	0.00E+0
Am242	2.11E+4	1.84E+4	1.46E+4	9.28E+3	2.36E+3	2.42E+2	2.53E+0	2.90E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	2.12E+4	1.85E+4	1.47E+4	9.32E+3	2.37E+3	2.43E+2	2.54E+0	2.91E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	2.52E+4	2.51E+4	2.50E+4	2.48E+4	2.41E+4	2.30E+4	2.09E+4	1.58E+4	9.88E+3	3.86E+3	2.31E+2	2.11E+0	3.35E-4	1.57E-4	1.54E-4

Cm242	1.74E+4	1.52E+4	1.21E+4	7.67E+3	1.95E+3	2.00E+2	2.09E+0	2.40E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	1.72E+4	8.29E+3	2.46E+3	2.16E+2	1.46E-1	7.66E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	1.26E+6	3.99E+5	5.89E+4	1.28E+3	1.32E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	3.09E+2	3.08E+2	3.07E+2	3.04E+2	2.97E+2	2.85E+2	2.63E+2	2.06E+2	1.37E+2	6.06E+1	5.24E+0	8.88E-2	2.55E-5	0.00E+0	0.00E+0
Cm246	5.08E+1	5.06E+1	5.02E+1	4.95E+1	4.74E+1	4.40E+1	3.80E+1	2.45E+1	1.18E+1	2.72E+0	3.36E-2	2.21E-5	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	3.09E+5	5.73E+4	3.46E+3	1.26E+1	6.14E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	7.40E+1	7.40E+1	7.40E+1	7.40E+1	7.39E+1	7.39E+1	7.38E+1	7.36E+1	7.32E+1	7.24E+1	7.01E+1	6.65E+1	5.98E+1	4.34E+1	2.55E+1
Kr85	6.36E+6	9.19E+5	3.66E+4	5.83E+1	2.34E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	9.24E+7	4.48E+7	1.34E+7	1.20E+6	8.67E+2	5.03E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	9.24E+7	4.48E+7	1.34E+7	1.20E+6	8.67E+2	5.03E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.72E+3	3.71E+3	3.71E+3	3.70E+3	3.68E+3	3.63E+3	3.55E+3	3.39E+3	2.96E+3	2.36E+3
Nb93m	2.25E+3	3.18E+3	3.49E+3	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.52E+3	3.52E+3	3.50E+3	3.45E+3	3.38E+3	3.22E+3	2.81E+3	2.24E+3
Tc99	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.71E+4	2.70E+4	2.69E+4	2.67E+4	2.62E+4	2.54E+4	2.30E+4	1.95E+4	1.41E+4	5.25E+3	1.02E+3
Ru106	6.86E+2	1.02E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	6.86E+2	1.02E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.90E+2	1.89E+2	1.88E+2	1.86E+2	1.80E+2	1.71E+2
Cd113m	1.76E+4	4.02E+3	3.45E+2	2.53E+0	9.96E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	2.54E+3	1.74E+3	9.30E+2	2.65E+2	6.09E+0	1.13E-2	3.93E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	3.28E+3	2.25E+3	1.20E+3	3.41E+2	7.85E+0	1.46E-2	5.07E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.22E+3	1.19E+3	1.15E+3	1.07E+3	8.73E+2	6.17E+2	3.09E+2	3.86E+1	1.21E+0
Sb125	7.17E+4	3.81E+1	1.33E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	1.73E+2	1.73E+2	1.73E+2	1.73E+2	1.72E+2	1.72E+2	1.70E+2	1.67E+2	1.61E+2	1.50E+2	1.22E+2	8.64E+1	4.32E+1	5.40E+0	1.69E-1
Sb126m	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.23E+3	1.22E+3	1.19E+3	1.15E+3	1.07E+3	8.73E+2	6.17E+2	3.09E+2	3.86E+1	1.21E+0
Te125m	2.66E+4	1.42E+1	4.94E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.20E+1	6.19E+1	6.18E+1	6.15E+1	6.07E+1	5.94E+1
Cs134	2.31E+5	9.77E+0	5.01E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	1.05E+3	1.05E+3	1.05E+3	1.05E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.04E+3	1.03E+3	1.01E+3	9.84E+2	9.00E+2	7.75E+2
Cs137	1.28E+8	6.39E+7	2.02E+7	2.01E+6	2.00E+3	1.97E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	1.95E+1	2.71E+0	1.00E-1	1.38E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	1.21E+8	6.05E+7	1.91E+7	1.91E+6	1.89E+3	1.87E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	2.55E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	2.55E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	2.04E+2	4.74E+0	9.00E-3	3.24E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	1.50E+6	5.40E+2	9.90E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	5.89E+5	4.66E+5	3.15E+5	1.44E+5	1.39E+4	2.79E+2	1.13E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	3.76E+3	8.10E+2	6.27E+1	3.75E-1	8.06E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	1.72E+6	1.53E+5	2.70E+3	8.42E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	3.44E+5	4.36E+3	3.00E+0	1.42E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	2.88E+0	2.83E+0	2.75E+0	2.60E+0	2.19E+0	1.64E+0	9.22E-1	1.64E-1	9.22E-3	2.91E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														

Activ.	2.26E+4	9.75E+3	6.79E+3	3.47E+3	9.24E+2	6.33E+2	6.06E+2	5.55E+2	5.00E+2	4.50E+2	4.12E+2	3.85E+2	3.50E+2	2.94E+2	2.33E+2
Actin.	9.77E+7	3.26E+7	1.29E+7	8.73E+6	5.42E+6	3.22E+6	1.78E+6	1.19E+6	8.79E+5	5.34E+5	1.97E+5	6.94E+4	3.84E+4	3.76E+4	3.29E+4
FP	4.44E+8	2.16E+8	6.65E+7	6.51E+6	5.78E+4	3.86E+4	3.82E+4	3.78E+4	3.73E+4	3.62E+4	3.33E+4	2.91E+4	2.26E+4	1.23E+4	6.65E+3
All	5.42E+8	2.48E+8	7.94E+7	1.52E+7	5.48E+6	3.25E+6	1.82E+6	1.23E+6	9.17E+5	5.71E+5	2.31E+5	9.89E+4	6.14E+4	5.02E+4	3.98E+4

表 31　2 号機炉心、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
Cr51	2.55E+6	2.55E+6	2.55E+6	2.53E+6	2.49E+6	2.37E+6	1.99E+6	1.21E+6	2.69E+5	2.83E+4	2.75E+2	2.96E-2	0.0E+0	0.0E+0	0.0E+0
Mn54	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.10E+5	1.09E+5	1.07E+5	1.03E+5	9.00E+4	7.37E+4	4.89E+4	2.17E+4	1.91E+3	3.33E+1	1.01E-2
Mn56	5.06E+4	3.87E+4	2.26E+4	3.44E+3	7.99E+1	1.99E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Fe55	5.27E+5	5.27E+5	5.27E+5	5.27E+5	5.27E+5	5.26E+5	5.23E+5	5.16E+5	4.94E+5	4.62E+5	4.04E+5	3.09E+5	1.39E+5	3.66E+4	2.55E+3
Fe59	3.99E+4	3.98E+4	3.98E+4	3.96E+4	3.92E+4	3.81E+4	3.42E+4	2.51E+4	9.96E+3	2.49E+3	1.44E+2	5.17E-1	2.42E-8	0.0E+0	0.0E+0
Co58	2.72E+5	2.72E+5	2.72E+5	2.71E+5	2.70E+5	2.65E+5	2.47E+5	2.03E+5	1.13E+5	4.67E+4	7.62E+3	2.13E+2	4.65E-3	0.0E+0	0.0E+0
Co60	3.61E+3	3.61E+3	3.61E+3	3.61E+3	3.61E+3	3.61E+3	3.60E+3	3.57E+3	3.50E+3	3.38E+3	3.17E+3	2.78E+3	1.87E+3	9.69E+2	2.60E+2
Ni63	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.50E+4	1.49E+4	1.48E+4	1.45E+4	1.39E+4	1.29E+4
Ni65	2.47E+4	1.87E+4	1.08E+4	1.58E+3	3.35E+1	6.18E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	7.55E+4	7.55E+4	7.54E+4	7.51E+4	7.45E+4	7.25E+4	6.58E+4	5.00E+4	2.20E+4	6.39E+3	5.04E+2	3.36E+0	9.97E-7	0.0E+0	0.0E+0
Sr91	9.85E+3	9.17E+3	7.94E+3	4.80E+3	1.75E+3	5.53E+1	3.10E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	4.77E+5	4.73E+5	4.64E+5	4.36E+5	3.86E+5	2.52E+5	5.72E+4	8.29E+2	3.30E+0	9.59E-1	7.56E-2	5.04E-4	0.0E+0	0.0E+0	0.0E+0
Y90	8.74E+5	8.64E+5	8.46E+5	7.84E+5	6.74E+5	4.01E+5	6.52E+4	3.65E+2	1.25E+0	1.24E+0	1.23E+0	1.20E+0	1.11E+0	9.86E-1	7.75E-1
Y91	8.79E+4	8.78E+4	8.77E+4	8.74E+4	8.68E+4	8.48E+4	7.80E+4	6.16E+4	3.03E+4	1.04E+4	1.16E+3	1.53E+1	3.53E-5	0.0E+0	0.0E+0
Y92	3.71E+4	3.05E+4	2.06E+4	5.23E+3	3.37E+2	2.78E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr89	4.77E+5	4.73E+5	4.65E+5	4.37E+5	3.86E+5	2.53E+5	5.72E+4	8.22E+2	2.44E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	7.06E+7	7.06E+7	7.05E+7	7.03E+7	6.98E+7	6.83E+7	6.33E+7	5.10E+7	2.66E+7	1.01E+7	1.35E+6	2.59E+4	1.82E-1	0.0E+0	0.0E+0
Zr97	1.38E+8	1.32E+8	1.22E+8	9.14E+7	5.15E+7	7.20E+6	7.35E+3	2.10E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	5.97E+7	5.97E+7	5.97E+7	5.98E+7	5.99E+7	6.02E+7	6.10E+7	5.95E+7	4.26E+7	1.94E+7	2.91E+6	5.89E+4	4.02E-1	1.04E-9	0.0E+0
Nb96	9.86E+4	9.57E+4	9.02E+4	7.33E+4	4.84E+4	1.16E+4	7.94E+1	5.15E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95m	6.26E+5	6.26E+5	6.26E+5	6.27E+5	6.27E+5	6.25E+5	5.97E+5	4.86E+5	2.54E+5	9.59E+4	1.29E+4	2.47E+2	1.74E-3	0.0E+0	0.0E+0
Nb97	1.38E+8	1.36E+8	1.29E+8	9.81E+7	5.17E+7	7.23E+6	7.41E+3	2.26E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	1.31E+8	1.26E+8	1.16E+8	8.69E+7	4.89E+7	6.84E+6	7.01E+3	1.99E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	3.62E+3	3.58E+3	3.50E+3	3.25E+3	2.81E+3	1.70E+3	2.90E+2	1.87E+0	4.99E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In113m	2.22E+6	2.22E+6	2.22E+6	2.22E+6	2.21E+6	2.19E+6	2.09E+6	1.86E+6	1.29E+6	7.53E+5	2.47E+5	2.73E+4	3.73E+1	6.24E-4	0.0E+0
In114m	3.66E+5	3.66E+5	3.66E+5	3.64E+5	3.61E+5	3.51E+5	3.19E+5	2.41E+5	1.04E+5	2.95E+4	2.21E+3	1.33E+1	2.89E-6	0.0E+0	0.0E+0
In114	9.62E+5	3.54E+5	3.54E+5	3.53E+5	3.50E+5	3.40E+5	3.08E+5	2.33E+5	1.01E+5	2.85E+4	2.13E+3	1.28E+1	2.80E-6	0.0E+0	0.0E+0
Sn113	2.22E+6	2.22E+6	2.22E+6	2.22E+6	2.21E+6	2.18E+6	2.09E+6	1.86E+6	1.29E+6	7.52E+5	2.46E+5	2.73E+4	3.73E+1	6.23E-4	0.0E+0
Sn119m	3.94E+6	3.94E+6	3.94E+6	3.94E+6	3.93E+6	3.91E+6	3.85E+6	3.67E+6	3.19E+6	2.58E+6	1.66E+6	7.00E+5	5.25E+4	6.98E+2	1.24E-1
Sn117m	7.39E+6	7.38E+6	7.35E+6	7.24E+6	7.02E+6	6.34E+6	4.44E+6	1.60E+6	7.53E+4	7.66E+2	6.08E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Sn121	5.60E+6	5.45E+6	5.18E+6	4.33E+6	3.03E+6	8.85E+5	1.27E+4	7.21E+2	7.20E+2	7.17E+2	7.13E+2	7.04E+2	6.78E+2	6.37E+2	5.61E+2
Sn123	4.76E+5	4.76E+5	4.76E+5	4.75E+5	4.73E+5	4.68E+5	4.51E+5	4.05E+5	2.94E+5	1.81E+5	6.70E+4	9.44E+3	2.64E+1	1.46E-3	0.0E+0
Sn125m	1.72E+6	2.17E+4	3.48E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125	2.17E+6	2.16E+6	2.15E+6	2.10E+6	2.02E+6	1.75E+6	1.06E+6	2.51E+5	3.36E+3	5.20E+0	8.55E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	4.52E+5	4.47E+5	4.38E+5	4.07E+5	3.51E+5	2.11E+5	3.55E+4	2.18E+2	5.09E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	1.98E+4	1.98E+4	1.98E+4	1.97E+4	1.96E+4	1.92E+4	1.77E+4	1.40E+4	7.04E+3	2.50E+3	2.96E+2	4.41E+0	1.46E-5	0.0E+0	0.0E+0
Sb125	1.44E+6	1.44E+6	1.44E+6	1.44E+6	1.44E+6	1.44E+6	1.44E+6	1.43E+6	1.38E+6	1.29E+6	1.14E+6	8.85E+5	4.17E+5	1.19E+5	9.60E+3
Sb126	6.83E+4	6.82E+4	6.79E+4	6.68E+4	6.46E+4	5.78E+4	3.92E+4	1.29E+4	4.58E+2	3.07E+0	1.03E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	4.70E+5	4.70E+5	4.70E+5	4.71E+5	4.71E+5	4.72E+5	4.74E+5	4.81E+5	4.85E+5	4.71E+5	4.22E+5	3.29E+5	1.55E+5	4.40E+4	3.56E+3
	Actinide														
U237	1.32E+9	1.32E+9	1.31E+9	1.27E+9	1.19E+9	9.73E+8	4.74E+8	6.08E+7	1.35E+5	6.75E+3	6.58E+3	6.27E+3	5.43E+3	4.27E+3	2.64E+3
U239	4.3E+10	7.39E+9	2.16E+8	9.15E+2	1.65E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
U240	7.33E+4	6.98E+4	6.33E+4	4.49E+4	2.25E+4	2.13E+3	5.52E-1	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4
Np236m	1.17E+4	1.13E+4	1.06E+4	8.58E+3	5.57E+3	1.27E+3	7.18E+0	2.72E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	4.31E+8	4.25E+8	4.14E+8	3.76E+8	3.11E+8	1.62E+8	1.63E+7	2.34E+4	8.76E+1	8.75E+1	8.73E+1	8.69E+1	8.57E+1	8.37E+1	8.00E+1
Np239	4.3E+10	4.3E+10	4.2E+10	3.8E+10	3.2E+10	1.8E+10	2.29E+9	6.39E+6	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4
Np240	3.03E+7	1.60E+7	4.44E+6	5.04E+4	6.49E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np240m	7.69E+6	9.80E+4	6.38E+4	4.53E+4	2.27E+4	2.15E+3	5.57E-1	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4	5.81E-4
Pu238	4.57E+6	4.57E+6	4.58E+6	4.58E+6	4.58E+6	4.60E+6	4.62E+6	4.65E+6	4.74E+6	4.83E+6	4.93E+6	4.96E+6	4.87E+6	4.68E+6	4.33E+6
Pu239	8.83E+5	8.83E+5	8.84E+5	8.85E+5	8.86E+5	8.90E+5	8.94E+5	8.95E+5	8.95E+5	8.95E+5	8.95E+5	8.95E+5	8.95E+5	8.95E+5	8.94E+5
Pu240	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6
Pu241	2.81E+8	2.81E+8	2.81E+8	2.81E+8	2.81E+8	2.81E+8	2.81E+8	2.80E+8	2.78E+8	2.75E+8	2.68E+8	2.56E+8	2.21E+8	1.74E+8	1.07E+8
Pu242	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3
Pu243	3.70E+8	3.22E+8	2.43E+8	9.15E+7	1.29E+7	1.56E+4	1.86E-4	1.85E-4	1.85E-4	1.85E-4	1.85E-4	1.85E-4	1.85E-4	1.85E-4	1.85E-4
Am241	4.35E+5	4.35E+5	4.35E+5	4.35E+5	4.36E+5	4.39E+5	4.47E+5	4.72E+5	5.45E+5	6.54E+5	8.74E+5	1.29E+6	2.43E+6	3.98E+6	6.11E+6
Am242	1.85E+8	1.77E+8	1.62E+8	1.20E+8	6.54E+7	8.21E+6	2.32E+4	1.74E+4	1.74E+4	1.74E+4	1.74E+4	1.73E+4	1.70E+4	1.67E+4	1.59E+4
Am242m	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.75E+4	1.74E+4	1.74E+4	1.71E+4	1.67E+4	1.60E+4
Am243	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4	2.97E+4
Am244	5.27E+6	4.92E+6	4.29E+6	2.65E+6	1.02E+6	3.77E+4	3.70E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am244m	1.00E+8	2.03E+7	8.28E+5	1.13E+1	2.14E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am245	6.28E+3	4.66E+3	2.64E+3	5.78E+2	1.55E+2	6.65E+0	1.34E-4	2.05E-5	1.80E-5	1.48E-5	9.92E-6	4.50E-6	4.19E-7	8.02E-9	0.0E+0
Cm242	8.94E+7	8.94E+7	8.95E+7	8.95E+7	8.95E+7	8.89E+7	8.63E+7	7.93E+7	6.15E+7	4.19E+7	1.91E+7	4.06E+6	5.26E+4	1.38E+4	1.32E+4
Cm243	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.53E+4	2.52E+4	2.50E+4	2.47E+4	2.41E+4	2.24E+4	1.98E+4	1.56E+4
Cm244	3.21E+6	3.21E+6	3.21E+6	3.21E+6	3.21E+6	3.21E+6	3.21E+6	3.20E+6	3.18E+6	3.15E+6	3.09E+6	2.98E+6	2.65E+6	2.19E+6	1.50E+6
	FP														
H3	1.25E+6	1.25E+6	1.25E+6	1.25E+6	1.25E+6	1.25E+6	1.25E+6	1.24E+6	1.23E+6	1.21E+6	1.18E+6	1.11E+6	9.42E+5	7.11E+5	4.06E+5
Zn72	5.09E+4	5.01E+4	4.87E+4	4.38E+4	3.56E+4	1.74E+4	1.42E+3	1.11E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga72	5.17E+4	5.17E+4	5.14E+4	4.99E+4	4.45E+4	2.43E+4	2.05E+3	1.59E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga73	1.43E+5	1.24E+5	9.31E+4	3.43E+4	4.66E+3	4.98E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga74	3.69E+5	2.72E+3	9.62E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge73m	1.42E+5	1.23E+5	9.27E+4	3.42E+4	4.64E+3	4.97E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Ge75	1.28E+6	7.95E+5	2.91E+5	8.64E+3	7.62E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge77	2.01E+6	1.89E+6	1.67E+6	1.09E+6	4.61E+5	2.43E+4	8.11E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge78	1.87E+7	1.17E+7	4.54E+6	1.66E+5	2.22E+2	3.12E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As76	5.02E+4	4.89E+4	4.63E+4	3.84E+4	2.64E+4	7.29E+3	8.08E+1	2.10E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As77	6.95E+6	6.86E+6	6.69E+6	6.06E+6	4.88E+6	2.14E+6	1.07E+5	2.04E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As78	1.89E+7	1.74E+7	1.12E+7	1.01E+6	3.22E+3	1.87E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As79	3.48E+7	3.58E+5	3.53E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se77m	5.50E+5	5.42E+5	5.28E+5	4.79E+5	3.85E+5	1.69E+5	8.47E+3	1.61E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se79m	3.41E+7	6.22E+5	6.12E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81	1.31E+8	2.32E+7	2.83E+6	1.68E+4	6.45E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81m	1.60E+7	7.82E+6	1.83E+6	1.14E+4	4.38E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se83	1.60E+8	2.49E+7	6.01E+5	1.31E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82	4.28E+6	4.20E+6	4.04E+6	3.52E+6	2.67E+6	1.04E+6	3.85E+4	3.11E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82m	1.75E+6	1.99E+3	2.57E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br83	3.16E+8	2.55E+8	1.46E+8	1.93E+7	3.39E+5	3.23E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84	5.76E+8	1.72E+8	1.26E+7	1.33E+3	1.49E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84m	1.89E+7	1.85E+4	1.76E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr83m	3.16E+8	3.07E+8	2.44E+8	5.53E+7	1.30E+6	1.36E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85	3.11E+7	3.11E+7	3.11E+7	3.11E+7	3.11E+7	3.11E+7	3.11E+7	3.10E+7	3.06E+7	3.02E+7	2.92E+7	2.74E+7	2.26E+7	1.63E+7	8.58E+6
Kr85m	9.32E+8	8.09E+8	5.94E+8	2.01E+8	2.30E+7	1.37E+4	7.09E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	1.36E+9	7.95E+8	2.67E+8	5.90E+6	2.87E+3	1.26E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr88	1.89E+9	1.48E+9	9.11E+8	1.65E+8	5.40E+6	4.39E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr89	2.38E+9	4.42E+3	1.50E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb86	4.50E+6	4.49E+6	4.48E+6	4.43E+6	4.34E+6	4.02E+6	3.10E+6	1.47E+6	1.58E+5	5.56E+3	5.67E+0	7.13E−6	0.0E+0	0.0E+0	0.0E+0
Rb88	1.94E+9	1.64E+9	1.02E+9	1.84E+8	6.03E+6	4.91E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	2.54E+9	2.03E+8	8.39E+5	3.79E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90	2.35E+9	3.61E+3	1.27E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90m	7.14E+8	4.78E+4	1.90E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr87m	4.40E+3	3.44E+3	2.10E+3	3.71E+2	1.16E+1	8.14E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	2.21E+9	2.21E+9	2.21E+9	2.20E+9	2.18E+9	2.12E+9	1.93E+9	1.46E+9	6.43E+8	1.87E+8	1.47E+7	9.83E+4	2.92E−2	0.0E+0	0.0E+0
Sr90	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.91E+8	1.90E+8	1.89E+8	1.86E+8	1.82E+8	1.69E+8	1.50E+8	1.18E+8
Sr91	3.23E+9	3.01E+9	2.61E+9	1.58E+9	5.76E+8	1.82E+7	1.02E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	3.39E+9	2.62E+9	1.57E+9	2.63E+8	7.33E+6	3.43E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr93	3.75E+9	1.39E+7	1.90E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	3.32E+5	3.31E+5	3.31E+5	3.30E+5	3.27E+5	3.18E+5	2.89E+5	2.20E+5	9.64E+4	2.81E+4	2.21E+3	1.47E+1	4.38E−6	0.0E+0	0.0E+0
Y90	1.95E+8	1.95E+8	1.95E+8	1.95E+8	1.94E+8	1.93E+8	1.91E+8	1.91E+8	1.90E+8	1.89E+8	1.86E+8	1.82E+8	1.69E+8	1.50E+8	1.18E+8
Y90m	2.65E+4	2.13E+4	1.38E+4	3.01E+3	1.44E+2	4.23E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y91	2.70E+9	2.70E+9	2.70E+9	2.70E+9	2.69E+9	2.63E+9	2.42E+9	1.91E+9	9.38E+8	3.23E+8	3.60E+7	4.75E+5	1.09E+0	0.0E+0	0.0E+0
Y91m	2.88E+9	2.82E+9	2.52E+9	1.54E+9	5.61E+8	1.77E+7	9.93E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	3.41E+9	3.34E+9	2.91E+9	1.19E+9	1.08E+8	1.08E+4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	3.84E+9	3.63E+9	3.16E+9	1.96E+9	7.56E+8	2.87E+7	3.04E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Y94	3.98E+9	4.60E+8	5.38E+6	9.32E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	4.10E+9	7.47E+7	2.32E+4	1.23E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr93	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3
Zr95	3.40E+9	3.40E+9	3.40E+9	3.39E+9	3.37E+9	3.30E+9	3.05E+9	2.46E+9	1.28E+9	4.85E+8	6.52E+7	1.25E+6	8.79E+0	2.27E−8	0.0E+0
Zr97	4.10E+9	3.94E+9	3.63E+9	2.72E+9	1.53E+9	2.14E+8	2.20E+5	6.28E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	2.88E+9	2.88E+9	2.88E+9	2.89E+9	2.89E+9	2.91E+9	2.94E+9	2.87E+9	2.05E+9	9.38E+8	1.40E+8	2.84E+6	1.94E+1	5.01E−8	0.0E+0
Nb95m	3.03E+7	3.03E+7	3.03E+7	3.03E+7	3.03E+7	3.02E+7	2.88E+7	2.35E+7	1.23E+7	4.62E+6	6.22E+5	1.19E+4	8.39E−2	0.0E+0	0.0E+0
Nb96	6.26E+6	6.08E+6	5.73E+6	4.65E+6	3.07E+6	7.38E+5	5.04E+3	3.27E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97	4.12E+9	4.07E+9	3.84E+9	2.92E+9	1.54E+9	2.15E+8	2.21E+5	6.77E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	3.90E+9	3.74E+9	3.45E+9	2.59E+9	1.46E+9	2.04E+8	2.09E+5	5.97E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb98m	4.22E+7	1.88E+7	3.71E+6	1.27E+4	1.50E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	4.43E+9	4.39E+9	4.29E+9	3.99E+9	3.44E+9	2.08E+9	3.56E+8	2.29E+6	6.11E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	3.99E+9	2.34E+8	7.88E+5	1.75E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo102	3.67E+9	9.28E+7	5.90E+4	3.82E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99	3.32E+4	3.32E+4	3.32E+4	3.32E+4	3.32E+4	3.33E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.34E+4
Tc99m	3.88E+9	3.88E+9	3.86E+9	3.71E+9	3.27E+9	1.99E+9	3.40E+8	2.19E+6	5.85E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	3.99E+9	8.71E+8	6.75E+6	3.57E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	3.67E+9	9.35E+7	5.95E+4	3.85E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	2.66E+9	2.93E+8	3.19E+6	4.29E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc105	2.05E+9	9.48E+6	1.76E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	3.00E+9	3.00E+9	2.99E+9	2.98E+9	2.95E+9	2.84E+9	2.51E+9	1.77E+9	6.12E+8	1.25E+8	4.75E+6	7.51E+3	2.98E−5	0.0E+0	0.0E+0
Ru105	2.07E+9	1.83E+9	1.34E+9	4.49E+8	5.04E+7	2.80E+4	1.13E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru106	8.71E+8	8.71E+8	8.71E+8	8.71E+8	8.70E+8	8.66E+8	8.55E+8	8.24E+8	7.37E+8	6.24E+8	4.42E+8	2.25E+8	2.94E+7	9.94E+5	1.14E+3
Ru107	1.10E+9	1.84E+4	4.27E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru108	6.92E+8	7.49E+4	8.61E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh102	7.19E+3	7.19E+3	7.19E+3	7.18E+3	7.17E+3	7.12E+3	6.96E+3	6.50E+3	5.32E+3	3.94E+3	2.12E+3	6.24E+2	1.60E+1	3.54E−2	1.75E−7
Rh103m	2.99E+9	2.99E+9	2.99E+9	2.97E+9	2.94E+9	2.84E+9	2.51E+9	1.76E+9	6.11E+8	1.25E+8	4.74E+6	7.51E+3	2.97E−5	0.0E+0	0.0E+0
Rh104	1.37E+9	8.01E+3	3.69E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh104m	9.89E+7	6.71E+3	3.10E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105	1.91E+9	1.91E+9	1.90E+9	1.76E+9	1.38E+9	5.40E+8	2.01E+7	1.64E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105m	5.91E+8	5.23E+8	3.83E+8	1.28E+8	1.44E+7	8.00E+3	3.24E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh106	9.46E+8	8.71E+8	8.71E+8	8.71E+8	8.70E+8	8.66E+8	8.55E+8	8.24E+8	7.37E+8	6.24E+8	4.42E+8	2.25E+8	2.94E+7	9.94E+5	1.14E+3
Rh106m	3.66E+7	2.66E+7	1.41E+7	1.53E+6	1.80E+4	4.33E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh107	1.10E+9	1.99E+8	4.31E+6	6.43E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108	6.98E+8	7.98E+4	9.18E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108m	1.53E+7	1.50E+4	1.43E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	6.24E+8	5.94E+8	5.37E+8	3.77E+8	1.86E+8	1.64E+7	3.33E+3	9.45E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111	1.07E+8	2.08E+7	2.94E+6	1.01E+6	1.73E+5	4.07E+2	2.60E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111m	4.52E+6	3.99E+6	3.10E+6	1.28E+6	2.20E+5	5.18E+2	3.31E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd112	5.25E+7	5.08E+7	4.75E+7	3.77E+7	2.38E+7	4.89E+6	1.93E+4	2.59E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag109m	6.23E+8	5.94E+8	5.37E+8	3.77E+8	1.86E+8	1.64E+7	3.46E+3	1.28E+2	1.17E+2	1.02E+2	7.74E+1	4.48E+1	8.68E+0	5.63E−1	2.37E−3

Ag110	2.22E+8	8.71E+4	8.71E+4	8.70E+4	8.69E+4	8.64E+4	8.48E+4	8.02E+4	6.79E+4	5.29E+4	3.16E+4	1.15E+4	5.49E+2	3.45E+0	1.37E−4
Ag110m	6.41E+6	6.41E+6	6.41E+6	6.40E+6	6.39E+6	6.35E+6	6.23E+6	5.90E+6	4.99E+6	3.89E+6	2.33E+6	8.44E+5	4.03E+4	2.54E+2	1.01E−2
Ag111	1.07E+8	1.07E+8	1.06E+8	1.03E+8	9.77E+7	8.11E+7	4.23E+7	6.58E+6	2.48E+4	5.72E+0	1.87E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag111m	1.08E+8	2.24E+7	3.65E+6	1.29E+6	2.21E+5	5.21E+2	3.33E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	5.26E+7	5.24E+7	5.12E+7	4.34E+7	2.79E+7	5.75E+6	2.26E+4	3.05E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag113	3.24E+7	2.86E+7	2.21E+7	8.96E+6	1.47E+6	2.99E+3	1.14E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag115	1.36E+7	1.75E+6	2.74E+4	1.31E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd111m	3.27E+4	1.39E+4	2.51E+3	6.29E+0	3.94E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd113m	5.99E+4	5.99E+4	5.99E+4	5.99E+4	5.99E+4	5.99E+4	5.98E+4	5.96E+4	5.92E+4	5.84E+4	5.70E+4	5.43E+4	4.68E+4	3.66E+4	2.24E+4
Cd115	1.78E+7	1.77E+7	1.72E+7	1.57E+7	1.31E+7	7.04E+6	7.98E+5	1.58E+3	1.24E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd115m	8.54E+5	8.53E+5	8.52E+5	8.48E+5	8.41E+5	8.15E+5	7.31E+5	5.35E+5	2.11E+5	5.19E+4	2.91E+3	9.92E+0	3.93E−7	0.0E+0	0.0E+0
Cd117	1.75E+7	1.33E+7	7.64E+6	1.09E+6	2.20E+4	3.45E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd117m	4.37E+6	3.57E+6	2.36E+6	5.58E+5	3.11E+4	1.56E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd118	1.75E+7	7.68E+6	1.47E+6	4.50E+3	4.23E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In114	5.72E+3	2.04E+3	2.04E+3	2.03E+3	2.02E+3	1.96E+3	1.78E+3	1.34E+3	5.80E+2	1.64E+2	1.23E+1	7.40E−2	1.61E−8	0.0E+0	0.0E+0
In114m	2.11E+3	2.11E+3	2.11E+3	2.10E+3	2.08E+3	2.03E+3	1.84E+3	1.39E+3	5.99E+2	1.70E+2	1.27E+1	7.65E−2	1.67E−8	0.0E+0	0.0E+0
In115m	1.79E+7	1.79E+7	1.78E+7	1.68E+7	1.43E+7	7.70E+6	8.71E+5	1.77E+3	1.48E+1	3.65E+0	2.05E−1	6.97E−4	0.0E+0	0.0E+0	0.0E+0
In116m	5.37E+6	2.50E+6	5.42E+5	2.57E+3	5.80E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117	1.34E+7	1.29E+7	1.03E+7	2.63E+6	8.54E+4	2.09E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117m	1.61E+7	1.55E+7	1.22E+7	2.92E+6	8.14E+4	1.97E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In118	1.75E+7	7.69E+6	1.47E+6	4.51E+3	4.24E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119	9.51E+6	7.15E+4	7.04E+2	6.66E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119m	9.47E+6	1.11E+6	1.09E+4	1.03E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	2.22E+5	2.22E+5	2.21E+5	2.19E+5	2.13E+5	1.93E+5	1.35E+5	4.86E+4	2.29E+3	2.33E+1	1.85E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn119m	7.43E+4	7.43E+4	7.43E+4	7.42E+4	7.41E+4	7.38E+4	7.26E+4	6.92E+4	6.01E+4	4.85E+4	3.13E+4	1.32E+4	9.89E+2	1.32E+1	2.33E−3
Sn121	1.89E+7	1.84E+7	1.75E+7	1.46E+7	1.02E+7	3.00E+6	4.45E+4	3.98E+3	3.98E+3	3.96E+3	3.94E+3	3.89E+3	3.75E+3	3.52E+3	3.10E+3
Sn121m	5.14E+3	5.14E+3	5.14E+3	5.14E+3	5.14E+3	5.14E+3	5.14E+3	5.13E+3	5.12E+3	5.11E+3	5.08E+3	5.01E+3	4.83E+3	4.53E+3	4.00E+3
Sn123	1.33E+6	1.33E+6	1.33E+6	1.32E+6	1.32E+6	1.31E+6	1.26E+6	1.13E+6	8.18E+5	5.05E+5	1.87E+5	2.63E+4	7.36E+1	4.08E−3	0.0E+0
Sn123m	2.02E+7	7.25E+6	9.10E+5	6.36E+2	3.11E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125	1.03E+7	1.02E+7	1.02E+7	9.97E+6	9.56E+6	8.28E+6	5.01E+6	1.19E+6	1.59E+4	2.47E+1	4.05E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125m	3.39E+7	4.33E+5	6.93E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn126	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3
Sn127	7.79E+7	5.60E+7	2.90E+7	2.87E+6	2.83E+4	3.72E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn127m	9.84E+7	4.19E+3	7.52E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	3.35E+8	1.66E+8	4.07E+7	2.97E+5	1.58E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn129m	3.33E+8	8.02E+5	4.67E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn130	8.31E+8	1.16E+4	2.26E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	1.53E+6	1.51E+6	1.48E+6	1.38E+6	1.19E+6	7.13E+5	1.20E+5	7.39E+2	1.72E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	7.91E+5	7.91E+5	7.90E+5	7.88E+5	7.82E+5	7.65E+5	7.05E+5	5.60E+5	2.81E+5	9.96E+4	1.18E+4	1.76E+2	5.83E−4	0.0E+0	0.0E+0
Sb125	1.65E+7	1.65E+7	1.65E+7	1.65E+7	1.65E+7	1.65E+7	1.65E+7	1.63E+7	1.56E+7	1.47E+7	1.29E+7	1.01E+7	4.73E+6	1.35E+6	1.09E+5
Sb126	1.26E+6	1.26E+6	1.25E+6	1.23E+6	1.19E+6	1.07E+6	7.22E+5	2.38E+5	8.65E+3	2.65E+2	2.08E+2	2.08E+2	2.08E+2	2.08E+2	2.08E+2

Sb126m	7.37E+5	8.53E+4	2.57E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3	1.49E+3
Sb127	1.85E+8	1.84E+8	1.82E+8	1.73E+8	1.56E+8	1.09E+8	3.09E+7	8.47E+5	1.74E+1	1.63E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128	2.66E+7	2.54E+7	2.23E+7	1.31E+7	4.48E+6	1.12E+5	2.73E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128m	3.58E+8	2.00E+8	4.94E+7	3.60E+5	1.92E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	7.16E+8	6.21E+8	4.53E+8	1.50E+8	1.66E+7	8.62E+3	2.76E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	2.87E+8	1.00E+8	1.22E+7	7.67E+3	3.04E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130m	1.05E+9	3.04E+6	5.63E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	1.90E+9	3.16E+8	8.55E+6	2.77E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb132m	7.08E+8	2.78E+4	4.31E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te123m	6.64E+3	6.64E+3	6.64E+3	6.63E+3	6.60E+3	6.53E+3	6.27E+3	5.58E+3	3.94E+3	2.34E+3	8.01E+2	9.66E+1	1.70E-1	4.32E-6	0.0E+0
Te125m	5.38E+6	5.38E+6	5.38E+6	5.38E+6	5.39E+6	5.40E+6	5.43E+6	5.49E+6	5.53E+6	5.36E+6	4.79E+6	3.73E+6	1.76E+6	5.00E+5	4.05E+4
Te127	1.74E+8	1.74E+8	1.73E+8	1.69E+8	1.58E+8	1.16E+8	4.15E+7	1.14E+7	7.23E+6	4.08E+6	1.26E+6	1.23E+5	1.16E+2	1.05E-3	0.0E+0
Te127m	1.21E+7	1.21E+7	1.21E+7	1.22E+7	1.22E+7	1.23E+7	1.21E+7	1.08E+7	7.38E+6	4.16E+6	1.28E+6	1.26E+5	1.19E+2	1.08E-3	0.0E+0
Te129	6.99E+8	6.76E+8	5.62E+8	2.29E+8	6.49E+7	4.28E+7	3.70E+7	2.45E+7	7.10E+6	1.11E+6	2.43E+4	1.30E+1	1.98E-9	0.0E+0	0.0E+0
Te129m	7.06E+7	7.06E+7	7.05E+7	7.03E+7	6.95E+7	6.67E+7	5.77E+7	3.82E+7	1.11E+7	1.73E+6	3.79E+4	2.02E+1	3.08E-9	0.0E+0	0.0E+0
Te131	1.93E+9	9.59E+8	1.71E+8	9.49E+7	6.86E+7	2.26E+7	4.67E+5	7.12E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te131m	5.28E+8	5.18E+8	4.95E+8	4.21E+8	3.05E+8	1.01E+8	2.07E+6	3.16E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	3.36E+9	3.33E+9	3.27E+9	3.07E+9	2.71E+9	1.76E+9	3.86E+8	5.10E+6	1.17E+1	4.10E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	2.59E+9	3.45E+8	5.80E+7	3.02E+5	8.24E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	2.35E+9	1.12E+9	2.49E+8	1.30E+6	3.54E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	4.46E+9	1.65E+9	2.26E+8	2.15E+5	1.94E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I128	1.18E+7	2.22E+6	7.97E+4	6.93E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130	3.14E+7	2.98E+7	2.67E+7	1.80E+7	8.22E+6	5.57E+5	4.51E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130m	1.29E+7	1.27E+5	1.23E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	2.34E+9	2.34E+9	2.33E+9	2.28E+9	2.19E+9	1.87E+9	1.03E+9	1.83E+8	1.02E+6	4.29E+2	4.79E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I132	3.43E+9	3.40E+9	3.36E+9	3.16E+9	2.79E+9	1.81E+9	3.98E+8	5.26E+6	1.21E+1	4.23E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	4.90E+9	4.82E+9	4.55E+9	3.61E+9	2.27E+9	4.58E+8	1.70E+6	1.93E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	3.59E+8	1.02E+8	2.26E+7	1.18E+5	3.22E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	5.47E+9	3.94E+9	1.25E+9	7.51E+6	1.27E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134m	4.38E+8	4.21E+3	3.89E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	4.64E+9	4.17E+9	3.38E+9	1.62E+9	3.69E+8	2.33E+6	4.67E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe129m	7.88E+3	7.85E+3	7.80E+3	7.63E+3	7.29E+3	6.24E+3	3.61E+3	7.60E+2	7.06E+0	6.33E-3	3.38E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe131m	2.57E+7	2.57E+7	2.57E+7	2.57E+7	2.57E+7	2.53E+7	2.19E+7	9.95E+6	3.99E+5	2.17E+3	4.25E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	4.67E+9	4.67E+9	4.67E+9	4.65E+9	4.52E+9	3.74E+9	1.53E+9	1.10E+8	3.93E+4	2.68E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133m	1.37E+8	1.37E+8	1.37E+8	1.35E+8	1.26E+8	8.11E+7	9.76E+6	1.75E+4	9.86E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	1.58E+9	1.80E+9	2.07E+9	2.18E+9	1.24E+9	5.14E+7	1.68E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	1.03E+9	7.35E+8	5.83E+8	2.78E+8	6.36E+7	4.02E+5	8.04E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe137	4.43E+9	8.73E+4	3.02E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	4.25E+9	2.22E+8	6.05E+5	6.37E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs132	3.98E+4	3.97E+4	3.93E+4	3.81E+4	3.58E+4	2.89E+4	1.37E+4	1.61E+3	2.62E+0	1.73E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	2.76E+8	2.76E+8	2.76E+8	2.76E+8	2.76E+8	2.76E+8	2.74E+8	2.69E+8	2.54E+8	2.34E+8	1.98E+8	1.41E+8	5.16E+7	9.63E+6	3.36E+5

Cs134m	7.59E+7	5.98E+7	3.71E+7	6.97E+6	2.46E+5	2.59E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs135m	2.14E+7	9.78E+6	2.04E+6	8.38E+3	1.42E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs136	8.17E+7	8.15E+7	8.12E+7	8.00E+7	7.75E+7	6.98E+7	4.83E+7	1.68E+7	7.14E+5	6.23E+3	3.61E−1	1.59E−9	0.0E+0	0.0E+0	0.0E+0
Cs137	2.55E+8	2.55E+8	2.55E+8	2.55E+8	2.55E+8	2.55E+8	2.55E+8	2.55E+8	2.54E+8	2.52E+8	2.49E+8	2.44E+8	2.27E+8	2.03E+8	1.61E+8
Cs138	4.57E+9	2.05E+9	1.83E+8	3.03E+4	8.21E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs139	4.30E+9	5.12E+7	6.47E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba135m	1.80E+5	1.76E+5	1.68E+5	1.42E+5	1.01E+5	3.17E+4	5.47E+2	5.04E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba136m	1.31E+7	1.30E+7	1.30E+7	1.28E+7	1.24E+7	1.12E+7	7.72E+6	2.69E+6	1.14E+5	9.98E+2	5.77E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.43E+8	2.42E+8	2.42E+8	2.42E+8	2.42E+8	2.42E+8	2.42E+8	2.41E+8	2.40E+8	2.39E+8	2.36E+8	2.31E+8	2.15E+8	1.92E+8	1.52E+8
Ba139	4.40E+9	3.00E+9	1.11E+9	3.33E+7	3.00E+4	1.10E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	4.35E+9	4.34E+9	4.32E+9	4.26E+9	4.12E+9	3.70E+9	2.53E+9	8.53E+8	3.27E+7	2.46E+5	1.04E+1	2.50E−8	0.0E+0	0.0E+0	0.0E+0
Ba141	4.00E+9	4.18E+8	4.40E+6	5.27E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba142	3.82E+9	7.57E+7	2.96E+4	3.50E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	4.43E+9	4.43E+9	4.43E+9	4.41E+9	4.36E+9	4.09E+9	2.90E+9	9.83E+8	3.77E+7	2.83E+5	1.20E+1	2.88E−8	0.0E+0	0.0E+0	0.0E+0
La141	4.03E+9	3.63E+9	2.57E+9	7.46E+8	6.28E+7	1.29E+4	1.61E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	3.94E+9	2.81E+9	1.13E+9	4.64E+7	7.83E+4	2.42E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	3.81E+9	2.04E+8	5.67E+5	6.43E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce139	2.20E+4	2.20E+4	2.19E+4	2.19E+4	2.19E+4	2.16E+4	2.09E+4	1.89E+4	1.40E+4	8.87E+3	3.49E+3	5.54E+2	2.22E+0	2.25E−4	0.0E+0
Ce141	3.71E+9	3.72E+9	3.71E+9	3.70E+9	3.66E+9	3.51E+9	3.02E+9	1.97E+9	5.48E+8	8.04E+7	1.55E+6	6.40E+2	4.54E−8	0.0E+0	0.0E+0
Ce143	3.83E+9	3.78E+9	3.62E+9	3.13E+9	2.34E+9	8.55E+8	2.54E+7	1.10E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	2.31E+9	2.31E+9	2.31E+9	2.31E+9	2.31E+9	2.30E+9	2.26E+9	2.15E+9	1.86E+9	1.49E+9	9.51E+8	3.91E+8	2.72E+7	3.20E+5	4.43E+1
Ce145	2.59E+9	3.08E+3	3.27E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce146	2.04E+9	9.45E+7	2.01E+5	8.90E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142	8.93E+7	8.63E+7	8.03E+7	6.23E+7	3.75E+7	6.58E+6	1.49E+4	4.13E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142m	1.91E+7	1.10E+6	3.71E+3	8.11E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr143	3.82E+9	3.82E+9	3.82E+9	3.81E+9	3.78E+9	3.56E+9	2.55E+9	9.20E+8	4.30E+7	4.35E+5	3.39E+1	2.70E−7	0.0E+0	0.0E+0	0.0E+0
Pr144	2.33E+9	2.31E+9	2.31E+9	2.31E+9	2.31E+9	2.30E+9	2.26E+9	2.15E+9	1.86E+9	1.49E+9	9.51E+8	3.91E+8	2.72E+7	3.20E+5	4.43E+1
Pr144m	3.50E+7	3.49E+7	3.49E+7	3.49E+7	3.48E+7	3.47E+7	3.41E+7	3.25E+7	2.80E+7	2.25E+7	1.44E+7	5.91E+6	4.11E+5	4.84E+3	6.70E−1
Pr145	2.59E+9	2.33E+9	1.85E+9	8.21E+8	1.62E+8	6.24E+5	2.20E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	2.05E+9	7.12E+8	2.63E+7	1.55E+2	5.23E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr147	1.59E+9	7.67E+7	1.54E+5	5.67E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	1.58E+9	1.58E+9	1.57E+9	1.54E+9	1.48E+9	1.31E+9	8.41E+8	2.38E+8	5.39E+6	1.84E+4	1.53E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd149	8.68E+8	5.94E+8	2.66E+8	1.61E+7	5.85E+4	2.54E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd151	4.23E+8	1.52E+7	1.89E+4	1.28E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd152	2.81E+8	7.33E+6	4.97E+3	4.03E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm146	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.06E+3	4.05E+3	4.02E+3	3.94E+3	3.82E+3	3.58E+3	3.16E+3	2.17E+3	1.16E+3	3.31E+2
Pm147	4.19E+8	4.19E+8	4.19E+8	4.20E+8	4.20E+8	4.21E+8	4.25E+8	4.25E+8	4.10E+8	3.84E+8	3.36E+8	2.58E+8	1.17E+8	3.12E+7	2.22E+6
Pm148	3.94E+8	3.92E+8	3.88E+8	3.73E+8	3.47E+8	2.68E+8	1.10E+8	9.76E+6	5.95E+5	1.30E+5	5.81E+3	1.26E+1	1.29E−7	0.0E+0	0.0E+0
Pm148m	5.06E+7	5.06E+7	5.05E+7	5.02E+7	4.98E+7	4.81E+7	4.28E+7	3.06E+7	1.12E+7	2.46E+6	1.10E+5	2.39E+2	2.44E−6	0.0E+0	0.0E+0
Pm149	1.02E+9	1.02E+9	1.00E+9	9.21E+8	7.68E+8	4.10E+8	4.58E+7	8.68E+4	5.92E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm150	8.66E+6	6.69E+6	3.99E+6	6.53E+5	1.75E+4	7.11E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Pm151	4.26E+8	4.19E+8	3.99E+8	3.37E+8	2.39E+8	7.41E+7	1.22E+6	9.96E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152	2.84E+8	1.15E+7	7.76E+3	6.30E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152m	1.56E+7	6.16E+4	9.64E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm153	1.92E+8	9.55E+4	1.95E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	8.87E+5	8.87E+5	8.88E+5	8.90E+5	8.94E+5	8.99E+5	9.02E+5	9.02E+5	9.01E+5	8.99E+5	8.95E+5	8.88E+5	8.68E+5	8.34E+5	7.72E+5
Sm153	7.25E+8	7.14E+8	6.93E+8	6.24E+8	5.06E+8	2.47E+8	1.99E+7	1.50E+4	6.46E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm155	7.28E+7	1.16E+7	2.79E+5	5.98E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm156	4.36E+7	4.05E+7	3.50E+7	2.08E+7	7.42E+6	2.14E+5	8.80E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm157	2.68E+7	1.56E+5	4.97E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm158	1.40E+7	7.52E+3	2.09E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu152	8.98E+3	8.98E+3	8.98E+3	8.98E+3	8.98E+3	8.97E+3	8.96E+3	8.94E+3	8.86E+3	8.75E+3	8.53E+3	8.10E+3	6.95E+3	5.38E+3	3.23E+3
Eu152m	2.85E+5	2.64E+5	2.28E+5	1.35E+5	4.74E+4	1.31E+3	4.63E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.02E+7	1.00E+7	9.63E+6	8.89E+6	6.98E+6	4.66E+6	2.08E+6
Eu155	7.86E+6	7.86E+6	7.86E+6	7.86E+6	7.85E+6	7.85E+6	7.83E+6	7.76E+6	7.58E+6	7.31E+6	6.79E+6	5.87E+6	3.79E+6	1.83E+6	4.27E+5
Eu156	3.21E+8	3.21E+8	3.20E+8	3.16E+8	3.08E+8	2.81E+8	2.04E+8	8.20E+7	5.30E+6	8.71E+4	1.85E+1	1.06E-6	0.0E+0	0.0E+0	0.0E+0
Eu157	3.35E+7	3.22E+7	2.94E+7	2.14E+7	1.13E+7	1.26E+6	5.87E+2	1.78E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu158	1.57E+7	7.14E+6	1.17E+6	2.05E+3	6.35E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu159	7.88E+6	9.05E+5	1.06E+4	1.84E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd153	7.76E+4	7.75E+4	7.75E+4	7.75E+4	7.73E+4	7.69E+4	7.54E+4	7.12E+4	5.99E+4	4.63E+4	2.72E+4	9.53E+3	4.11E+2	2.18E+0	6.11E-5
Gd159	9.49E+6	9.26E+6	8.61E+6	6.63E+6	3.93E+6	6.54E+5	1.23E+3	2.01E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd162	7.60E+5	5.55E+3	2.78E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb160	1.01E+6	1.01E+6	1.01E+6	1.01E+6	1.00E+6	9.81E+5	9.17E+5	7.57E+5	4.26E+5	1.80E+5	3.04E+4	9.17E+2	2.51E-2	0.0E+0	0.0E+0
Tb161	1.84E+6	1.84E+6	1.82E+6	1.77E+6	1.67E+6	1.36E+6	6.73E+5	8.96E+4	2.11E+2	2.42E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162	7.87E+5	2.70E+4	2.36E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162m	1.00E+4	7.33E+3	3.94E+3	4.47E+2	5.76E+0	1.91E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb163	3.30E+5	4.13E+4	5.80E+2	1.91E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy165	5.44E+5	4.07E+5	2.24E+5	2.81E+4	4.39E+2	2.83E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy166	3.18E+4	3.15E+4	3.10E+4	2.92E+4	2.59E+4	1.72E+4	4.14E+3	7.02E+1	3.42E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ho166	1.40E+5	1.37E+5	1.32E+5	1.15E+5	8.82E+4	4.00E+4	6.35E+3	1.05E+2	5.10E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	5.73E+8	5.57E+8	5.29E+8	4.38E+8	3.12E+8	1.75E+8	1.45E+8	1.25E+8	7.88E+7	3.63E+7	8.55E+6	2.41E+6	7.83E+5	2.17E+5	3.09E+4
Actin.	8.9E+10	5.3E+10	4.5E+10	4.1E+10	3.4E+10	1.9E+10	3.16E+9	4.37E+8	3.50E+8	3.27E+8	2.98E+8	2.71E+8	2.33E+8	1.87E+8	1.21E+8
FP	4.2E+11	1.5E+11	1.3E+11	9.9E+10	8.0E+10	5.9E+10	4.0E+10	2.5E+10	1.4E+10	8.10E+9	4.53E+9	2.54E+9	1.11E+9	7.64E+8	5.64E+8
All	5.1E+11	2.1E+11	1.7E+11	1.4E+11	1.1E+11	7.9E+10	4.3E+10	2.6E+10	1.4E+10	8.46E+9	4.84E+9	2.81E+9	1.34E+9	9.51E+8	6.86E+8

表 32　2 号機炉心、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	2.44E+2	2.43E+2	2.42E+2	2.39E+2	2.30E+2	2.17E+2	1.92E+2	1.34E+2	7.29E+1	2.18E+1	5.77E-1	1.36E-3	7.57E-9	0.00E+0	0.00E+0
Fe55	2.55E+3	8.57E-1	1.39E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	2.60E+2	5.03E+0	7.01E-3	1.36E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ni59	9.89E+1	9.89E+1	9.88E+1	9.87E+1	9.85E+1	9.81E+1	9.72E+1	9.47E+1	9.07E+1	8.32E+1	6.41E+1	4.16E+1	1.75E+1	1.30E+0	1.71E-2
Ni63	1.29E+4	1.03E+4	7.07E+3	3.33E+3	3.47E+2	8.02E+0	4.29E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	2.28E+2	2.28E+2	2.28E+2	2.28E+2	2.28E+2	2.28E+2	2.28E+2	2.28E+2	2.27E+2	2.26E+2	2.23E+2	2.18E+2	2.08E+2	1.82E+2	1.45E+2
Nb93m	1.32E+2	1.93E+2	2.14E+2	2.17E+2	2.17E+2	2.17E+2	2.16E+2	2.16E+2	2.16E+2	2.15E+2	2.12E+2	2.07E+2	1.98E+2	1.72E+2	1.37E+2
Sn121	5.61E+2	3.85E+2	2.05E+2	5.84E+1	1.34E+0	2.51E-3	8.69E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	7.23E+2	4.96E+2	2.65E+2	7.53E+1	1.73E+0	3.23E-3	1.12E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	9.60E+3	5.11E+0	1.78E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	3.56E+3	1.90E+0	6.62E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	1.87E+1	1.43E+1	8.82E+0	3.37E+0	1.88E-1	1.87E-3	3.61E-4	3.98E-4	4.65E-4	6.14E-4	1.09E-3	1.92E-3	3.61E-3	8.83E-3	1.75E-2
Pb212	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Bi212	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Po212	3.33E+1	2.54E+1	1.57E+1	6.00E+0	3.35E-1	3.33E-3	6.44E-4	7.09E-4	8.30E-4	1.10E-3	1.95E-3	3.42E-3	6.44E-3	1.57E-2	3.13E-2
Po216	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Rn220	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Ra224	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Th228	5.20E+1	3.97E+1	2.45E+1	9.37E+0	5.23E-1	5.20E-3	1.00E-3	1.11E-3	1.30E-3	1.71E-3	3.05E-3	5.34E-3	1.01E-2	2.46E-2	4.88E-2
Th231	1.36E+2	1.36E+2	1.36E+2	1.36E+2	1.36E+2	1.37E+2	1.38E+2	1.40E+2	1.44E+2	1.49E+2	1.60E+2	1.65E+2	1.67E+2	1.67E+2	1.67E+2
Th234	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
Pa233	6.61E+2	7.35E+2	8.75E+2	1.13E+3	1.70E+3	2.21E+3	2.53E+3	2.61E+3	2.61E+3	2.60E+3	2.58E+3	2.54E+3	2.46E+3	2.23E+3	1.90E+3
Pa234	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0
Pa234m	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
U232	5.12E+1	3.87E+1	2.39E+1	9.12E+0	5.09E-1	5.05E-3	9.31E-4	9.14E-4	8.87E-4	8.35E-4	6.97E-4	5.16E-4	2.82E-4	4.63E-5	2.27E-6
U234	3.05E+2	6.33E+2	1.03E+3	1.49E+3	1.83E+3	1.86E+3	1.86E+3	1.86E+3	1.85E+3	1.82E+3	1.77E+3	1.68E+3	1.54E+3	1.29E+3	1.15E+3
U235	1.36E+2	1.36E+2	1.36E+2	1.36E+2	1.36E+2	1.37E+2	1.38E+2	1.40E+2	1.44E+2	1.49E+2	1.60E+2	1.65E+2	1.67E+2	1.67E+2	1.67E+2
U236	7.16E+2	7.17E+2	7.19E+2	7.22E+2	7.31E+2	7.45E+2	7.71E+2	8.36E+2	9.06E+2	9.72E+2	1.00E+3	1.00E+3	1.00E+3	9.93E+2	9.78E+2
U237	2.64E+3	6.22E+2	5.60E+1	4.64E-1	8.55E-3	8.20E-3	7.56E-3	5.92E-3	3.94E-3	1.74E-3	1.51E-4	2.55E-6	0.00E+0	0.00E+0	0.00E+0
U238	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
Np237	6.61E+2	7.35E+2	8.75E+2	1.13E+3	1.70E+3	2.21E+3	2.53E+3	2.61E+3	2.61E+3	2.60E+3	2.58E+3	2.54E+3	2.46E+3	2.23E+3	1.90E+3
Np238	8.00E+1	6.98E+1	5.56E+1	3.52E+1	8.97E+0	9.17E-1	9.59E-3	1.10E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	2.97E+4	2.96E+4	2.95E+4	2.92E+4	2.84E+4	2.71E+4	2.46E+4	1.86E+4	1.16E+4	4.54E+3	2.72E+2	2.48E+0	3.90E-4	1.81E-4	1.77E-4
Pu236	8.81E+0	6.93E-3	9.41E-4	9.41E-4	9.39E-4	9.36E-4	9.31E-4	9.14E-4	8.87E-4	8.35E-4	6.97E-4	5.16E-4	2.82E-4	4.63E-5	2.27E-6
Pu238	4.33E+6	3.42E+6	2.30E+6	1.05E+6	1.00E+5	2.22E+3	2.41E+0	4.32E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Pu239	8.94E+5	8.94E+5	8.92E+5	8.90E+5	8.82E+5	8.70E+5	8.46E+5	7.78E+5	6.76E+5	5.08E+5	2.15E+5	5.09E+4	2.86E+3	5.05E−1	1.78E−4
Pu240	1.04E+6	1.04E+6	1.03E+6	1.02E+6	9.91E+5	9.40E+5	8.46E+5	6.15E+5	3.62E+5	1.25E+5	5.21E+3	2.60E+1	1.23E−3	5.80E−4	5.78E−4
Pu241	1.07E+8	2.53E+7	2.28E+6	1.89E+4	3.49E+2	3.35E+2	3.09E+2	2.42E+2	1.61E+2	7.11E+1	6.16E+0	1.04E−1	2.99E−5	0.00E+0	0.00E+0
Pu242	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.41E+3	3.40E+3	3.39E+3	3.36E+3	3.30E+3	3.12E+3	2.86E+3	2.39E+3	1.39E+3	5.70E+2
Am241	6.11E+6	8.48E+6	8.55E+6	7.35E+6	4.54E+6	2.04E+6	4.10E+5	3.59E+3	1.62E+2	7.11E+1	6.15E+0	1.04E−1	3.15E−5	0.00E+0	0.00E+0
Am242	1.59E+4	1.39E+4	1.11E+4	7.01E+3	1.78E+3	1.82E+2	1.91E+0	2.19E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	1.60E+4	1.40E+4	1.11E+4	7.04E+3	1.79E+3	1.83E+2	1.92E+0	2.20E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	2.97E+4	2.96E+4	2.95E+4	2.92E+4	2.84E+4	2.71E+4	2.46E+4	1.86E+4	1.16E+4	4.54E+3	2.72E+2	2.48E+0	3.90E−4	1.81E−4	1.77E−4
Cm242	1.32E+4	1.15E+4	9.14E+3	5.79E+3	1.48E+3	1.51E+2	1.58E+0	1.81E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	1.56E+4	7.50E+3	2.22E+3	1.95E+2	1.32E−1	6.93E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	1.50E+6	4.74E+5	7.00E+4	1.52E+3	1.57E−2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	3.62E+2	3.61E+2	3.60E+2	3.57E+2	3.48E+2	3.34E+2	3.08E+2	2.41E+2	1.60E+2	7.10E+1	6.14E+0	1.04E−1	2.99E−5	0.00E+0	0.00E+0
Cm246	5.89E+1	5.86E+1	5.82E+1	5.73E+1	5.49E+1	5.10E+1	4.40E+1	2.84E+1	1.36E+1	3.15E+0	3.89E−2	2.56E−5	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	4.06E+5	7.53E+4	4.55E+3	1.66E+1	8.08E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	9.04E+1	9.04E+1	9.04E+1	9.04E+1	9.04E+1	9.03E+1	9.02E+1	8.99E+1	8.95E+1	8.85E+1	8.57E+1	8.13E+1	7.31E+1	5.31E+1	3.11E+1
Kr85	8.58E+6	1.24E+6	4.95E+4	7.86E+1	3.15E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	1.18E+8	5.72E+7	1.71E+7	1.53E+6	1.11E+3	6.41E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	1.18E+8	5.72E+7	1.71E+7	1.54E+6	1.11E+3	6.41E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.54E+3	4.53E+3	4.52E+3	4.50E+3	4.44E+3	4.34E+3	4.15E+3	3.62E+3	2.88E+3
Nb93m	2.64E+3	3.86E+3	4.26E+3	4.32E+3	4.32E+3	4.32E+3	4.31E+3	4.31E+3	4.30E+3	4.28E+3	4.22E+3	4.13E+3	3.94E+3	3.44E+3	2.74E+3
Tc99	3.34E+4	3.34E+4	3.34E+4	3.34E+4	3.33E+4	3.33E+4	3.32E+4	3.28E+4	3.23E+4	3.13E+4	2.83E+4	2.40E+4	1.73E+4	6.46E+3	1.25E+3
Ru106	1.14E+3	1.69E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	1.14E+3	1.69E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.27E+2	2.26E+2	2.25E+2	2.22E+2	2.15E+2	2.04E+2
Cd113m	2.24E+4	5.13E+3	4.39E+2	3.22E+0	1.27E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	3.10E+3	2.13E+3	1.13E+3	3.23E+2	7.43E+0	1.38E−2	4.79E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	4.00E+3	2.74E+3	1.46E+3	4.16E+2	9.57E+0	1.78E−2	6.17E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	1.49E+3	1.48E+3	1.48E+3	1.48E+3	1.48E+3	1.48E+3	1.46E+3	1.43E+3	1.39E+3	1.29E+3	1.05E+3	7.43E+2	3.71E+2	4.64E+1	1.45E+0
Sb125	1.09E+5	5.80E+1	2.02E−4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	2.08E+2	2.08E+2	2.08E+2	2.08E+2	2.07E+2	2.07E+2	2.05E+2	2.01E+2	1.94E+2	1.81E+2	1.47E+2	1.04E+2	5.20E+1	6.50E+0	2.03E−1
Sb126m	1.49E+3	1.48E+3	1.48E+3	1.48E+3	1.48E+3	1.48E+3	1.46E+3	1.43E+3	1.39E+3	1.29E+3	1.05E+3	7.43E+2	3.71E+2	4.64E+1	1.45E+0
Te125m	4.05E+4	2.15E+1	7.51E−5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.51E+1	7.50E+1	7.49E+1	7.48E+1	7.44E+1	7.35E+1	7.18E+1
Cs134	3.36E+5	1.42E+1	7.28E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	1.14E+3	1.14E+3	1.14E+3	1.14E+3	1.14E+3	1.13E+3	1.13E+3	1.13E+3	1.13E+3	1.13E+3	1.12E+3	1.10E+3	1.07E+3	9.77E+2	8.41E+2
Cs137	1.61E+8	8.06E+7	2.55E+7	2.54E+6	2.52E+3	2.49E−2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	1.55E+1	2.15E+0	7.97E−2	1.10E−4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	1.52E+8	7.63E+7	2.41E+7	2.40E+6	2.39E+3	2.36E−2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	4.43E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	4.43E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Pm146	3.31E+2	7.70E+0	1.46E-2	5.26E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	2.22E+6	8.01E+2	1.47E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	7.72E+5	6.11E+5	4.13E+5	1.89E+5	1.82E+4	3.65E+2	1.48E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	3.23E+3	6.95E+2	5.38E+1	3.22E-1	6.91E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	2.08E+6	1.85E+5	3.26E+3	1.02E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	4.27E+5	5.41E+3	3.72E+0	1.76E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	3.27E+0	3.22E+0	3.13E+0	2.95E+0	2.48E+0	1.86E+0	1.05E+0	1.86E-1	1.05E-2	3.31E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														
Activ.	3.09E+4	1.20E+4	8.32E+3	4.24E+3	1.12E+3	7.67E+2	7.33E+2	6.72E+2	6.06E+2	5.46E+2	4.99E+2	4.66E+2	4.23E+2	3.55E+2	2.82E+2
Actin.	1.21E+8	3.98E+7	1.52E+7	1.04E+7	6.59E+6	3.92E+6	2.17E+6	1.45E+6	1.08E+6	6.62E+5	2.47E+5	8.45E+4	4.51E+4	4.58E+4	4.16E+4
FP	5.64E+8	2.73E+8	8.43E+7	8.25E+6	7.22E+4	4.72E+4	4.67E+4	4.63E+4	4.56E+4	4.43E+4	4.07E+4	3.56E+4	2.76E+4	1.49E+4	8.02E+3
All	6.86E+8	3.13E+8	9.96E+7	1.87E+7	6.67E+6	3.97E+6	2.21E+6	1.50E+6	1.12E+6	7.07E+5	2.88E+5	1.21E+5	7.31E+4	6.11E+4	4.99E+4

表 33　3 号機炉心、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
Cr51	2.57E+6	2.57E+6	2.56E+6	2.54E+6	2.51E+6	2.39E+6	2.00E+6	1.21E+6	2.71E+5	2.85E+4	2.77E+2	2.98E-2	0.0E+0	0.0E+0	0.0E+0
Mn54	1.08E+5	1.08E+5	1.08E+5	1.08E+5	1.08E+5	1.07E+5	1.05E+5	1.01E+5	8.83E+4	7.24E+4	4.80E+4	2.13E+4	1.88E+3	3.27E+1	9.91E-3
Mn56	5.08E+4	3.88E+4	2.27E+4	3.46E+3	8.02E+1	2.00E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Fe55	4.94E+5	4.94E+5	4.94E+5	4.94E+5	4.94E+5	4.93E+5	4.91E+5	4.84E+5	4.63E+5	4.34E+5	3.79E+5	2.90E+5	1.30E+5	3.44E+4	2.39E+3
Fe59	4.17E+4	4.17E+4	4.16E+4	4.14E+4	4.10E+4	3.98E+4	3.57E+4	2.63E+4	1.04E+4	2.61E+3	1.50E+2	5.41E-1	2.53E-8	0.0E+0	0.0E+0
Co58	2.91E+5	2.90E+5	2.90E+5	2.89E+5	2.88E+5	2.82E+5	2.63E+5	2.17E+5	1.20E+5	4.99E+4	8.12E+3	2.27E+2	4.96E-3	0.0E+0	0.0E+0
Co60	3.28E+3	3.27E+3	3.27E+3	3.27E+3	3.27E+3	3.27E+3	3.26E+3	3.24E+3	3.17E+3	3.07E+3	2.87E+3	2.52E+3	1.70E+3	8.79E+2	2.36E+2
Ni63	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.40E+4	1.39E+4	1.38E+4	1.35E+4	1.30E+4	1.21E+4
Ni65	2.39E+4	1.82E+4	1.05E+4	1.53E+3	3.25E+1	6.00E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	8.29E+4	8.28E+4	8.27E+4	8.24E+4	8.18E+4	7.95E+4	7.23E+4	5.49E+4	2.41E+4	7.02E+3	5.53E+2	3.69E+0	1.09E-6	0.0E+0	0.0E+0
Sr91	1.01E+4	9.36E+3	8.11E+3	4.90E+3	1.79E+3	5.65E+1	3.17E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	4.88E+5	4.84E+5	4.75E+5	4.47E+5	3.95E+5	2.58E+5	5.85E+4	8.49E+2	3.62E+0	1.05E+0	8.29E-2	5.53E-4	0.0E+0	0.0E+0	0.0E+0
Y90	8.91E+5	8.81E+5	8.63E+5	8.00E+5	6.87E+5	4.09E+5	6.65E+4	3.72E+2	1.13E+0	1.12E+0	1.11E+0	1.08E+0	1.01E+0	8.92E-1	7.01E-1
Y91	9.68E+4	9.68E+4	9.67E+4	9.63E+4	9.57E+4	9.34E+4	8.60E+4	6.79E+4	3.33E+4	1.15E+4	1.28E+3	1.69E+1	3.89E-5	0.0E+0	0.0E+0
Y92	3.79E+4	3.12E+4	2.11E+4	5.34E+3	3.44E+2	2.84E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr89	4.89E+5	4.85E+5	4.76E+5	4.47E+5	3.95E+5	2.59E+5	5.86E+4	8.42E+2	2.50E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	7.62E+7	7.61E+7	7.61E+7	7.58E+7	7.53E+7	7.37E+7	6.83E+7	5.50E+7	2.87E+7	1.08E+7	1.46E+6	2.80E+4	1.97E-1	0.0E+0	0.0E+0
Zr97	1.38E+8	1.33E+8	1.22E+8	9.17E+7	5.17E+7	7.22E+6	7.37E+3	2.11E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	6.68E+7	6.68E+7	6.68E+7	6.69E+7	6.70E+7	6.73E+7	6.77E+7	6.55E+7	4.64E+7	2.10E+7	3.14E+6	6.36E+4	4.34E-1	1.12E-9	0.0E+0
Nb96	1.09E+5	1.06E+5	1.00E+5	8.12E+4	5.36E+4	1.29E+4	8.80E+1	5.71E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95m	6.79E+5	6.80E+5	6.80E+5	6.80E+5	6.80E+5	6.77E+5	6.45E+5	5.25E+5	2.74E+5	1.03E+5	1.39E+4	2.67E+2	1.88E-3	0.0E+0	0.0E+0
Nb97	1.38E+8	1.37E+8	1.29E+8	9.85E+7	5.19E+7	7.26E+6	7.43E+3	2.27E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Nb97m	1.31E+8	1.26E+8	1.16E+8	8.72E+7	4.91E+7	6.87E+6	7.03E+3	2.00E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	3.32E+3	3.29E+3	3.22E+3	2.99E+3	2.58E+3	1.56E+3	2.67E+2	1.72E+0	4.58E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In113m	2.35E+6	2.34E+6	2.34E+6	2.34E+6	2.33E+6	2.30E+6	2.21E+6	1.96E+6	1.36E+6	7.93E+5	2.60E+5	2.88E+4	3.93E+1	6.57E−4	0.0E+0
In114m	3.64E+5	3.63E+5	3.63E+5	3.62E+5	3.59E+5	3.49E+5	3.16E+5	2.39E+5	1.03E+5	2.93E+4	2.19E+3	1.32E+1	2.87E−6	0.0E+0	0.0E+0
In114	9.21E+5	3.52E+5	3.51E+5	3.50E+5	3.47E+5	3.37E+5	3.06E+5	2.31E+5	9.98E+4	2.83E+4	2.12E+3	1.27E+1	2.78E−6	0.0E+0	0.0E+0
Sn113	2.34E+6	2.34E+6	2.34E+6	2.34E+6	2.33E+6	2.30E+6	2.21E+6	1.96E+6	1.36E+6	7.93E+5	2.60E+5	2.88E+4	3.93E+1	6.57E−4	0.0E+0
Sn119m	3.86E+6	3.86E+6	3.86E+6	3.86E+6	3.85E+6	3.83E+6	3.77E+6	3.60E+6	3.12E+6	2.52E+6	1.63E+6	6.86E+5	5.14E+4	6.84E+2	1.21E−1
Sn117m	7.44E+6	7.43E+6	7.40E+6	7.29E+6	7.07E+6	6.39E+6	4.47E+6	1.61E+6	7.58E+4	7.72E+2	6.12E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn121	5.58E+6	5.44E+6	5.17E+6	4.32E+6	3.02E+6	8.83E+5	1.26E+4	6.78E+2	6.76E+2	6.74E+2	6.70E+2	6.61E+2	6.37E+2	5.98E+2	5.27E+2
Sn123	4.94E+5	4.94E+5	4.94E+5	4.93E+5	4.91E+5	4.86E+5	4.68E+5	4.20E+5	3.05E+5	1.88E+5	6.96E+4	9.80E+3	2.74E+1	1.52E−3	0.0E+0
Sn125m	1.72E+6	2.18E+4	3.48E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125	2.17E+6	2.17E+6	2.15E+6	2.11E+6	2.02E+6	1.75E+6	1.06E+6	2.51E+5	3.36E+3	5.20E+0	8.55E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	4.31E+5	4.26E+5	4.17E+5	3.88E+5	3.34E+5	2.01E+5	3.38E+4	2.08E+2	4.86E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	1.97E+4	1.97E+4	1.97E+4	1.96E+4	1.95E+4	1.90E+4	1.76E+4	1.39E+4	6.99E+3	2.48E+3	2.94E+2	4.38E+0	1.45E−5	0.0E+0	0.0E+0
Sb125	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.37E+6	1.37E+6	1.37E+6	1.35E+6	1.30E+6	1.22E+6	1.08E+6	8.38E+5	3.94E+5	1.12E+5	9.09E+3
Sb126	6.52E+4	6.50E+4	6.47E+4	6.37E+4	6.17E+4	5.52E+4	3.74E+4	1.23E+4	4.37E+2	2.93E+0	9.85E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	4.35E+5	4.35E+5	4.35E+5	4.36E+5	4.36E+5	4.37E+5	4.40E+5	4.48E+5	4.56E+5	4.45E+5	3.99E+5	3.11E+5	1.46E+5	4.17E+4	3.38E+3
	Actinide														
U237	1.28E+9	1.27E+9	1.26E+9	1.22E+9	1.15E+9	9.38E+8	4.57E+8	5.86E+7	1.31E+5	7.56E+3	7.36E+3	7.02E+3	6.07E+3	4.77E+3	2.95E+3
U239	4.3E+10	7.36E+9	2.15E+8	9.11E+2	1.64E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
U240	7.30E+4	6.95E+4	6.30E+4	4.47E+4	2.24E+4	2.12E+3	5.50E−1	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4
Np236m	1.09E+4	1.06E+4	9.94E+3	8.02E+3	5.21E+3	1.19E+3	6.71E+0	2.54E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	4.02E+8	3.96E+8	3.86E+8	3.51E+8	2.90E+8	1.51E+8	1.52E+7	2.19E+4	1.12E+2	1.12E+2	1.11E+2	1.11E+2	1.09E+2	1.07E+2	1.02E+2
Np239	4.3E+10	4.3E+10	4.2E+10	3.8E+10	3.2E+10	1.8E+10	2.28E+9	6.37E+6	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.84E+4
Np240	3.01E+7	1.59E+7	4.41E+6	5.00E+4	6.44E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np240m	7.63E+6	9.75E+4	6.36E+4	4.51E+4	2.26E+4	2.14E+3	5.54E−1	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4	5.09E−4
Pu238	5.53E+6	5.53E+6	5.53E+6	5.54E+6	5.54E+6	5.56E+6	5.58E+6	5.62E+6	5.72E+6	5.82E+6	5.93E+6	5.98E+6	5.86E+6	5.63E+6	5.21E+6
Pu239	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6
Pu240	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6	1.36E+6
Pu241	3.15E+8	3.15E+8	3.15E+8	3.15E+8	3.15E+8	3.15E+8	3.15E+8	3.14E+8	3.11E+8	3.08E+8	3.00E+8	2.86E+8	2.48E+8	1.95E+8	1.20E+8
Pu242	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3
Pu243	4.12E+8	3.58E+8	2.71E+8	1.02E+8	1.43E+7	1.74E+4	1.37E−4	1.36E−4	1.36E−4	1.36E−4	1.36E−4	1.36E−4	1.36E−4	1.36E−4	1.36E−4
Am241	5.58E+5	5.59E+5	5.59E+5	5.59E+5	5.60E+5	5.63E+5	5.72E+5	6.00E+5	6.82E+5	8.04E+5	1.05E+6	1.52E+6	2.79E+6	4.52E+6	6.91E+6
Am242	2.11E+8	2.02E+8	1.85E+8	1.37E+8	7.46E+7	9.37E+6	2.88E+4	2.23E+4	2.23E+4	2.22E+4	2.22E+4	2.21E+4	2.18E+4	2.13E+4	2.03E+4
Am242m	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.24E+4	2.23E+4	2.23E+4	2.22E+4	2.19E+4	2.14E+4	2.04E+4
Am243	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.85E+4	2.84E+4
Am244	5.09E+6	4.75E+6	4.14E+6	2.56E+6	9.80E+5	3.63E+4	3.57E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am244m	9.69E+7	1.96E+7	7.98E+5	1.10E+1	2.06E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am245	5.88E+3	4.35E+3	2.45E+3	5.28E+2	1.40E+2	5.99E+0	1.17E−4	1.46E−5	1.28E−5	1.05E−5	7.04E−6	3.19E−6	2.98E−7	5.70E−9	0.0E+0
Cm242	1.04E+8	1.04E+8	1.04E+8	1.04E+8	1.04E+8	1.03E+8	1.00E+8	9.20E+7	7.13E+7	4.87E+7	2.22E+7	4.71E+6	6.28E+4	1.76E+4	1.68E+4
Cm243	2.48E+4	2.48E+4	2.48E+4	2.48E+4	2.48E+4	2.48E+4	2.48E+4	2.47E+4	2.46E+4	2.45E+4	2.42E+4	2.36E+4	2.19E+4	1.94E+4	1.52E+4

Cm244	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.71E+6	2.70E+6	2.68E+6	2.66E+6	2.61E+6	2.51E+6	2.24E+6	1.85E+6	1.26E+6
	FP														
H3	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.17E+6	1.16E+6	1.15E+6	1.11E+6	1.05E+6	8.89E+5	6.72E+5	3.83E+5
Zn72	5.18E+4	5.11E+4	4.96E+4	4.47E+4	3.62E+4	1.77E+4	1.45E+3	1.13E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga72	5.22E+4	5.22E+4	5.20E+4	5.05E+4	4.52E+4	2.48E+4	2.08E+3	1.62E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga73	1.43E+5	1.24E+5	9.35E+4	3.45E+4	4.68E+3	4.97E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ga74	3.69E+5	2.71E+3	9.62E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge73m	1.43E+5	1.24E+5	9.32E+4	3.43E+4	4.66E+3	4.97E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge75	1.26E+6	7.81E+5	2.86E+5	8.49E+3	7.49E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge77	1.99E+6	1.87E+6	1.65E+6	1.08E+6	4.56E+5	2.40E+4	8.03E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ge78	1.87E+7	1.16E+7	4.52E+6	1.65E+5	2.21E+2	3.11E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As76	4.81E+4	4.68E+4	4.44E+4	3.68E+4	2.53E+4	6.98E+3	7.74E+1	2.01E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As77	6.88E+6	6.80E+6	6.62E+6	6.00E+6	4.83E+6	2.12E+6	1.06E+5	2.02E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As78	1.89E+7	1.73E+7	1.11E+7	1.01E+6	3.21E+3	1.87E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
As79	3.46E+7	3.56E+5	3.51E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se77m	5.45E+5	5.37E+5	5.23E+5	4.74E+5	3.82E+5	1.68E+5	8.39E+3	1.60E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se79m	3.39E+7	6.18E+5	6.08E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81	1.30E+8	2.30E+7	2.82E+6	1.67E+4	6.43E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se81m	1.60E+7	7.79E+6	1.82E+6	1.13E+4	4.36E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Se83	1.58E+8	2.46E+7	5.93E+5	1.29E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82	4.18E+6	4.10E+6	3.95E+6	3.44E+6	2.61E+6	1.02E+6	3.76E+4	3.04E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br82m	1.70E+6	1.93E+3	2.49E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br83	3.11E+8	2.51E+8	1.44E+8	1.90E+7	3.34E+5	3.18E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84	5.65E+8	1.69E+8	1.24E+7	1.31E+3	1.46E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Br84m	1.88E+7	1.83E+4	1.75E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr83m	3.11E+8	3.02E+8	2.41E+8	5.44E+7	1.28E+6	1.34E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85	2.95E+7	2.95E+7	2.95E+7	2.95E+7	2.95E+7	2.95E+7	2.94E+7	2.93E+7	2.90E+7	2.85E+7	2.76E+7	2.59E+7	2.13E+7	1.55E+7	8.12E+6
Kr85m	9.13E+8	7.92E+8	5.81E+8	1.97E+8	2.26E+7	1.34E+4	6.94E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	1.33E+9	7.78E+8	2.62E+8	5.78E+6	2.81E+3	1.23E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr88	1.85E+9	1.45E+9	8.91E+8	1.61E+8	5.28E+6	4.30E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr89	2.32E+9	4.31E+3	1.47E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb86	4.35E+6	4.34E+6	4.33E+6	4.28E+6	4.19E+6	3.89E+6	3.00E+6	1.42E+6	1.53E+5	5.38E+3	5.48E+0	6.90E-6	0.0E+0	0.0E+0	0.0E+0
Rb88	1.89E+9	1.60E+9	9.95E+8	1.80E+8	5.90E+6	4.80E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	2.48E+9	1.99E+8	8.20E+5	3.70E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90	2.30E+9	3.54E+3	1.25E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb90m	7.02E+8	4.70E+4	1.87E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr87m	4.13E+3	3.23E+3	1.97E+3	3.48E+2	1.09E+1	7.64E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	2.35E+9	2.35E+9	2.35E+9	2.34E+9	2.32E+9	2.26E+9	2.05E+9	1.56E+9	6.84E+8	1.99E+8	1.57E+7	1.05E+5	3.11E-2	0.0E+0	0.0E+0
Sr90	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.80E+8	1.80E+8	1.78E+8	1.76E+8	1.72E+8	1.60E+8	1.42E+8	1.12E+8
Sr91	3.17E+9	2.95E+9	2.56E+9	1.55E+9	5.64E+8	1.78E+7	9.99E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	3.33E+9	2.58E+9	1.55E+9	2.59E+8	7.21E+6	3.38E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Sr93	3.70E+9	1.38E+7	1.87E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y89m	3.54E+5	3.53E+5	3.52E+5	3.51E+5	3.48E+5	3.39E+5	3.08E+5	2.34E+5	1.03E+5	2.99E+4	2.35E+3	1.57E+1	4.66E-6	0.0E+0	0.0E+0
Y90	1.85E+8	1.85E+8	1.85E+8	1.84E+8	1.84E+8	1.83E+8	1.81E+8	1.80E+8	1.80E+8	1.79E+8	1.76E+8	1.72E+8	1.60E+8	1.42E+8	1.12E+8
Y90m	2.67E+4	2.15E+4	1.39E+4	3.04E+3	1.45E+2	4.26E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y91	2.90E+9	2.90E+9	2.90E+9	2.90E+9	2.88E+9	2.82E+9	2.60E+9	2.05E+9	1.01E+9	3.46E+8	3.86E+7	5.09E+5	1.17E+0	0.0E+0	0.0E+0
Y91m	2.82E+9	2.76E+9	2.47E+9	1.50E+9	5.49E+8	1.74E+7	9.73E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	3.36E+9	3.28E+9	2.86E+9	1.17E+9	1.06E+8	1.06E+4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	3.79E+9	3.58E+9	3.12E+9	1.94E+9	7.46E+8	2.83E+7	3.00E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y94	3.94E+9	4.55E+8	5.32E+6	9.22E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	4.07E+9	7.41E+7	2.30E+4	1.22E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr93	4.29E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3
Zr95	3.68E+9	3.68E+9	3.68E+9	3.66E+9	3.64E+9	3.56E+9	3.30E+9	2.66E+9	1.39E+9	5.24E+8	7.05E+7	1.35E+6	9.51E+0	2.46E-8	0.0E+0
Zr97	4.08E+9	3.92E+9	3.61E+9	2.71E+9	1.53E+9	2.13E+8	2.19E+5	6.26E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	3.26E+9	3.26E+9	3.26E+9	3.26E+9	3.27E+9	3.28E+9	3.30E+9	3.18E+9	2.25E+9	1.02E+9	1.52E+8	3.07E+6	2.10E+1	5.42E-8	0.0E+0
Nb95m	3.29E+7	3.29E+7	3.29E+7	3.29E+7	3.29E+7	3.28E+7	3.12E+7	2.54E+7	1.32E+7	5.00E+6	6.73E+5	1.29E+4	9.07E-2	0.0E+0	0.0E+0
Nb96	6.86E+6	6.66E+6	6.28E+6	5.10E+6	3.37E+6	8.10E+5	5.53E+3	3.58E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97	4.10E+9	4.05E+9	3.82E+9	2.91E+9	1.53E+9	2.14E+8	2.20E+5	6.75E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	3.88E+9	3.73E+9	3.43E+9	2.58E+9	1.45E+9	2.03E+8	2.09E+5	5.95E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb98m	4.35E+7	1.93E+7	3.82E+6	1.31E+4	1.54E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	4.42E+9	4.38E+9	4.29E+9	3.98E+9	3.44E+9	2.08E+9	3.55E+8	2.29E+6	6.11E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	4.00E+9	2.34E+8	7.89E+5	1.75E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo102	3.69E+9	9.34E+7	5.94E+4	3.85E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99	3.14E+4	3.14E+4	3.14E+4	3.14E+4	3.14E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4
Tc99m	3.86E+9	3.85E+9	3.84E+9	3.69E+9	3.27E+9	1.99E+9	3.40E+8	2.19E+6	5.85E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	4.00E+9	8.72E+8	6.76E+6	3.57E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	3.69E+9	9.42E+7	5.98E+4	3.88E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	2.73E+9	3.01E+8	3.27E+6	4.40E-1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc105	2.12E+9	9.81E+6	1.82E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	3.25E+9	3.25E+9	3.24E+9	3.23E+9	3.19E+9	3.08E+9	2.72E+9	1.91E+9	6.63E+8	1.35E+8	5.14E+6	8.14E+3	3.23E-5	0.0E+0	0.0E+0
Ru105	2.15E+9	1.89E+9	1.38E+9	4.64E+8	5.22E+7	2.90E+4	1.17E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru106	8.48E+8	8.48E+8	8.48E+8	8.47E+8	8.46E+8	8.43E+8	8.32E+8	8.02E+8	7.18E+8	6.07E+8	4.31E+8	2.19E+8	2.86E+7	9.67E+5	1.11E+3
Ru107	1.16E+9	1.93E+4	4.49E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru108	7.27E+8	7.87E+4	9.05E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh102	6.81E+3	6.80E+3	6.80E+3	6.80E+3	6.78E+3	6.74E+3	6.58E+3	6.16E+3	5.04E+3	3.73E+3	2.01E+3	5.91E+2	1.51E+1	3.36E-2	1.65E-7
Rh103m	3.24E+9	3.24E+9	3.24E+9	3.22E+9	3.19E+9	3.08E+9	2.72E+9	1.91E+9	6.62E+8	1.35E+8	5.13E+6	8.13E+3	3.22E-5	0.0E+0	0.0E+0
Rh104	1.30E+9	7.62E+3	3.51E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh104m	9.40E+7	6.38E+3	2.94E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105	2.03E+9	2.03E+9	2.02E+9	1.86E+9	1.46E+9	5.73E+8	2.13E+7	1.74E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh105m	6.11E+8	5.41E+8	3.96E+8	1.33E+8	1.49E+7	8.28E+3	3.35E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh106	9.25E+8	8.48E+8	8.48E+8	8.47E+8	8.46E+8	8.43E+8	8.32E+8	8.02E+8	7.18E+8	6.07E+8	4.31E+8	2.19E+8	2.86E+7	9.67E+5	1.11E+3
Rh106m	3.76E+7	2.74E+7	1.45E+7	1.57E+6	1.85E+4	4.45E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Rh107	1.16E+9	2.09E+8	4.52E+6	6.74E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108	7.34E+8	8.38E+4	9.64E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh108m	1.63E+7	1.59E+4	1.52E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	6.52E+8	6.21E+8	5.61E+8	3.94E+8	1.94E+8	1.71E+7	3.48E+3	9.87E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111	1.12E+8	2.18E+7	3.10E+6	1.07E+6	1.83E+5	4.31E+2	2.75E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd111m	4.78E+6	4.22E+6	3.28E+6	1.36E+6	2.32E+5	5.48E+2	3.50E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd112	5.45E+7	5.28E+7	4.94E+7	3.92E+7	2.47E+7	5.08E+6	2.00E+4	2.70E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag109m	6.51E+8	6.21E+8	5.61E+8	3.94E+8	1.94E+8	1.71E+7	3.60E+3	1.14E+2	1.04E+2	9.09E+1	6.88E+1	3.98E+1	7.72E+0	5.01E−1	2.11E−3
Ag110	2.13E+8	8.15E+4	8.15E+4	8.14E+4	8.13E+4	8.08E+4	7.93E+4	7.50E+4	6.35E+4	4.95E+4	2.96E+4	1.07E+4	5.13E+2	3.23E+0	1.28E−4
Ag110m	5.99E+6	5.99E+6	5.99E+6	5.99E+6	5.98E+6	5.94E+6	5.83E+6	5.52E+6	4.67E+6	3.64E+6	2.18E+6	7.89E+5	3.77E+4	2.37E+2	9.41E−3
Ag111	1.12E+8	1.12E+8	1.11E+8	1.08E+8	1.02E+8	8.50E+7	4.43E+7	6.89E+6	2.60E+4	6.00E+0	1.96E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag111m	1.13E+8	2.35E+7	3.85E+6	1.36E+6	2.34E+5	5.51E+2	3.53E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	5.47E+7	5.45E+7	5.32E+7	4.51E+7	2.90E+7	5.97E+6	2.35E+4	3.17E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag113	3.34E+7	2.95E+7	2.28E+7	9.22E+6	1.51E+6	3.08E+3	1.17E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag115	1.39E+7	1.79E+6	2.80E+4	1.33E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd111m	2.99E+4	1.27E+4	2.29E+3	5.74E+0	3.60E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd113m	5.58E+4	5.58E+4	5.58E+4	5.58E+4	5.58E+4	5.58E+4	5.57E+4	5.56E+4	5.51E+4	5.45E+4	5.31E+4	5.06E+4	4.36E+4	3.41E+4	2.09E+4
Cd115	1.82E+7	1.81E+7	1.76E+7	1.61E+7	1.34E+7	7.20E+6	8.15E+5	1.62E+3	1.26E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd115m	9.32E+5	9.32E+5	9.31E+5	9.26E+5	9.18E+5	8.90E+5	7.98E+5	5.85E+5	2.30E+5	5.67E+4	3.18E+3	1.08E+1	4.29E−7	0.0E+0	0.0E+0
Cd117	1.80E+7	1.37E+7	7.87E+6	1.12E+6	2.27E+4	3.55E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd117m	4.52E+6	3.69E+6	2.44E+6	5.77E+5	3.21E+4	1.61E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd118	1.79E+7	7.84E+6	1.50E+6	4.60E+3	4.32E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In114	5.52E+3	2.05E+3	2.05E+3	2.04E+3	2.03E+3	1.97E+3	1.79E+3	1.35E+3	5.83E+2	1.65E+2	1.24E+1	7.44E−2	1.62E−8	0.0E+0	0.0E+0
In114m	2.12E+3	2.12E+3	2.12E+3	2.11E+3	2.09E+3	2.04E+3	1.85E+3	1.40E+3	6.03E+2	1.71E+2	1.28E+1	7.69E−2	1.68E−8	0.0E+0	0.0E+0
In115m	1.82E+7	1.82E+7	1.81E+7	1.72E+7	1.46E+7	7.87E+6	8.90E+5	1.81E+3	1.62E+1	3.99E+0	2.23E−1	7.62E−4	0.0E+0	0.0E+0	0.0E+0
In116m	5.22E+6	2.43E+6	5.27E+5	2.50E+3	5.65E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117	1.38E+7	1.33E+7	1.06E+7	2.71E+6	8.80E+4	2.16E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In117m	1.66E+7	1.59E+7	1.26E+7	3.01E+6	8.38E+4	2.03E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In118	1.79E+7	7.85E+6	1.50E+6	4.60E+3	4.32E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119	9.75E+6	7.27E+4	7.15E+2	6.77E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
In119m	9.62E+6	1.12E+6	1.11E+4	1.05E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	2.27E+5	2.27E+5	2.27E+5	2.25E+5	2.18E+5	1.97E+5	1.38E+5	4.98E+4	2.34E+3	2.38E+1	1.89E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn119m	7.25E+4	7.25E+4	7.25E+4	7.24E+4	7.23E+4	7.20E+4	7.08E+4	6.75E+4	5.86E+4	4.74E+4	3.06E+4	1.29E+4	9.65E+2	1.28E+1	2.27E−3
Sn121	1.92E+7	1.88E+7	1.79E+7	1.49E+7	1.04E+7	3.05E+6	4.50E+4	3.76E+3	3.75E+3	3.74E+3	3.71E+3	3.67E+3	3.53E+3	3.32E+3	2.92E+3
Sn121m	4.85E+3	4.85E+3	4.85E+3	4.85E+3	4.85E+3	4.85E+3	4.84E+3	4.84E+3	4.83E+3	4.82E+3	4.79E+3	4.73E+3	4.55E+3	4.27E+3	3.77E+3
Sn123	1.39E+6	1.39E+6	1.39E+6	1.39E+6	1.38E+6	1.37E+6	1.32E+6	1.19E+6	8.59E+5	5.30E+5	1.96E+5	2.76E+4	7.72E+1	4.28E−3	0.0E+0
Sn123m	2.06E+7	7.39E+6	9.27E+5	6.48E+2	3.17E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125	1.06E+7	1.05E+7	1.05E+7	1.03E+7	9.85E+6	8.53E+6	5.15E+6	1.22E+6	1.64E+4	2.54E+1	4.17E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn125m	3.47E+7	4.44E+5	7.10E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn126	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3
Sn127	8.04E+7	5.78E+7	2.99E+7	2.96E+6	2.92E+4	3.84E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Sn127m	1.01E+8	4.29E+3	7.68E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	3.38E+8	1.67E+8	4.11E+7	3.00E+5	1.59E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn129m	3.36E+8	8.11E+5	4.72E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn130	8.27E+8	1.15E+4	2.25E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb122	1.46E+6	1.45E+6	1.42E+6	1.32E+6	1.14E+6	6.82E+5	1.15E+5	7.07E+2	1.65E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	7.99E+5	7.99E+5	7.98E+5	7.95E+5	7.90E+5	7.72E+5	7.12E+5	5.66E+5	2.83E+5	1.01E+5	1.19E+4	1.78E+2	5.89E−4	0.0E+0	0.0E+0
Sb125	1.57E+7	1.57E+7	1.57E+7	1.57E+7	1.57E+7	1.57E+7	1.56E+7	1.55E+7	1.49E+7	1.40E+7	1.23E+7	9.56E+6	4.50E+6	1.28E+6	1.04E+5
Sb126	1.25E+6	1.25E+6	1.25E+6	1.23E+6	1.19E+6	1.06E+6	7.20E+5	2.37E+5	8.61E+3	2.53E+2	1.96E+2	1.96E+2	1.96E+2	1.96E+2	1.96E+2
Sb126m	7.69E+5	8.89E+4	2.54E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3
Sb127	1.90E+8	1.89E+8	1.87E+8	1.78E+8	1.60E+8	1.12E+8	3.18E+7	8.71E+5	1.79E+1	1.68E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128	2.73E+7	2.61E+7	2.29E+7	1.35E+7	4.59E+6	1.14E+5	2.79E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128m	3.62E+8	2.02E+8	4.99E+7	3.63E+5	1.93E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	7.26E+8	6.30E+8	4.59E+8	1.53E+8	1.68E+7	8.74E+3	2.80E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	2.90E+8	1.01E+8	1.23E+7	7.77E+3	3.08E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130m	1.05E+9	3.02E+6	5.60E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	1.90E+9	3.16E+8	8.53E+6	2.77E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb132m	7.08E+8	2.78E+4	4.30E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te123m	6.29E+3	6.28E+3	6.28E+3	6.27E+3	6.25E+3	6.18E+3	5.93E+3	5.28E+3	3.73E+3	2.22E+3	7.58E+2	9.14E+1	1.60E−1	4.08E−6	0.0E+0
Te125m	5.00E+6	5.00E+6	5.00E+6	5.00E+6	5.00E+6	5.01E+6	5.05E+6	5.14E+6	5.22E+6	5.08E+6	4.55E+6	3.55E+6	1.67E+6	4.75E+5	3.85E+4
Te127	1.78E+8	1.78E+8	1.77E+8	1.74E+8	1.63E+8	1.20E+8	4.34E+7	1.24E+7	7.89E+6	4.45E+6	1.37E+6	1.34E+5	1.27E+2	1.15E−3	0.0E+0
Te127m	1.33E+7	1.33E+7	1.33E+7	1.33E+7	1.34E+7	1.34E+7	1.32E+7	1.18E+7	8.06E+6	4.55E+6	1.40E+6	1.37E+5	1.30E+2	1.17E−3	0.0E+0
Te129	7.11E+8	6.87E+8	5.71E+8	2.34E+8	6.79E+7	4.53E+7	3.92E+7	2.59E+7	7.53E+6	1.18E+6	2.57E+4	1.37E+1	2.09E−9	0.0E+0	0.0E+0
Te129m	7.48E+7	7.48E+7	7.47E+7	7.45E+7	7.36E+7	7.07E+7	6.12E+7	4.05E+7	1.17E+7	1.83E+6	4.02E+4	2.14E+1	3.27E−9	0.0E+0	0.0E+0
Te131	1.93E+9	9.61E+8	1.73E+8	9.69E+7	7.01E+7	2.31E+7	4.77E+5	7.28E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te131m	5.40E+8	5.30E+8	5.06E+8	4.31E+8	3.12E+8	1.03E+8	2.12E+6	3.23E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	3.37E+9	3.34E+9	3.28E+9	3.08E+9	2.71E+9	1.76E+9	3.87E+8	5.11E+6	1.18E+1	4.11E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	2.58E+9	3.44E+8	5.78E+7	3.01E+5	8.22E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	2.35E+9	1.11E+9	2.48E+8	1.30E+6	3.54E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	4.42E+9	1.64E+9	2.24E+8	2.13E+5	1.92E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I128	1.12E+7	2.11E+6	7.57E+4	6.59E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130	3.00E+7	2.85E+7	2.55E+7	1.72E+7	7.85E+6	5.32E+5	4.31E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I130m	1.23E+7	1.21E+5	1.17E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	2.33E+9	2.32E+9	2.31E+9	2.27E+9	2.17E+9	1.86E+9	1.02E+9	1.82E+8	1.02E+6	4.27E+2	4.76E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I132	3.43E+9	3.41E+9	3.36E+9	3.17E+9	2.80E+9	1.81E+9	3.99E+8	5.27E+6	1.21E+1	4.24E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	4.90E+9	4.82E+9	4.54E+9	3.61E+9	2.26E+9	4.57E+8	1.70E+6	1.93E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	3.64E+8	1.01E+8	2.26E+7	1.18E+5	3.22E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	5.46E+9	3.92E+9	1.24E+9	7.45E+6	1.26E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134m	4.49E+8	4.32E+3	3.99E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	4.63E+9	4.17E+9	3.38E+9	1.61E+9	3.68E+8	2.33E+6	4.66E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe129m	7.21E+3	7.18E+3	7.14E+3	6.98E+3	6.67E+3	5.70E+3	3.30E+3	6.95E+2	6.46E+0	5.79E−3	3.09E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe131m	2.60E+7	2.60E+7	2.60E+7	2.60E+7	2.59E+7	2.55E+7	2.20E+7	9.97E+6	3.99E+5	2.17E+3	4.25E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Xe133	4.67E+9	4.67E+9	4.67E+9	4.65E+9	4.52E+9	3.74E+9	1.53E+9	1.10E+8	3.93E+4	2.68E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133m	1.40E+8	1.40E+8	1.40E+8	1.38E+8	1.28E+8	8.23E+7	9.88E+6	1.77E+4	9.97E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	1.65E+9	1.86E+9	2.13E+9	2.21E+9	1.25E+9	5.16E+7	1.68E+2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	1.04E+9	7.35E+8	5.82E+8	2.78E+8	6.35E+7	4.01E+5	8.03E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe137	4.42E+9	8.72E+4	3.02E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	4.22E+9	2.21E+8	6.02E+5	6.34E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs132	3.82E+4	3.81E+4	3.77E+4	3.66E+4	3.44E+4	2.77E+4	1.31E+4	1.54E+3	2.52E+0	1.66E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	2.52E+8	2.52E+8	2.52E+8	2.52E+8	2.52E+8	2.51E+8	2.49E+8	2.45E+8	2.32E+8	2.13E+8	1.80E+8	1.29E+8	4.70E+7	8.77E+6	3.06E+5
Cs134m	7.24E+7	5.71E+7	3.54E+7	6.65E+6	2.35E+5	2.47E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs135m	2.00E+7	9.14E+6	1.90E+6	7.84E+3	1.33E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs136	8.18E+7	8.17E+7	8.13E+7	8.01E+7	7.76E+7	6.99E+7	4.83E+7	1.69E+7	7.15E+5	6.24E+3	3.61E−1	1.59E−9	0.0E+0	0.0E+0	0.0E+0
Cs137	2.41E+8	2.41E+8	2.41E+8	2.41E+8	2.41E+8	2.41E+8	2.41E+8	2.41E+8	2.40E+8	2.38E+8	2.36E+8	2.30E+8	2.15E+8	1.91E+8	1.52E+8
Cs138	4.55E+9	2.04E+9	1.83E+8	3.01E+4	8.16E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs139	4.28E+9	5.09E+7	6.44E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba135m	1.66E+5	1.62E+5	1.54E+5	1.30E+5	9.28E+4	2.91E+4	5.03E+2	4.63E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba136m	1.31E+7	1.31E+7	1.30E+7	1.28E+7	1.24E+7	1.12E+7	7.73E+6	2.70E+6	1.14E+5	9.99E+2	5.78E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.30E+8	2.28E+8	2.28E+8	2.28E+8	2.28E+8	2.28E+8	2.28E+8	2.28E+8	2.27E+8	2.26E+8	2.23E+8	2.18E+8	2.03E+8	1.81E+8	1.44E+8
Ba139	4.38E+9	2.99E+9	1.10E+9	3.31E+7	2.99E+4	1.09E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	4.35E+9	4.34E+9	4.32E+9	4.25E+9	4.12E+9	3.69E+9	2.52E+9	8.51E+8	3.26E+7	2.45E+5	1.04E+1	2.49E−8	0.0E+0	0.0E+0	0.0E+0
Ba141	3.98E+9	4.16E+8	4.38E+6	5.25E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba142	3.80E+9	7.52E+7	2.94E+4	3.47E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	4.42E+9	4.42E+9	4.41E+9	4.40E+9	4.35E+9	4.08E+9	2.90E+9	9.81E+8	3.76E+7	2.83E+5	1.20E+1	2.87E−8	0.0E+0	0.0E+0	0.0E+0
La141	4.01E+9	3.61E+9	2.56E+9	7.43E+8	6.25E+7	1.29E+4	1.61E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	3.92E+9	2.79E+9	1.13E+9	4.62E+7	7.79E+4	2.41E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	3.78E+9	2.02E+8	5.62E+5	6.37E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce139	2.13E+4	2.13E+4	2.13E+4	2.13E+4	2.12E+4	2.10E+4	2.03E+4	1.83E+4	1.35E+4	8.61E+3	3.39E+3	5.38E+2	2.16E+0	2.18E−4	0.0E+0
Ce141	3.89E+9	3.89E+9	3.89E+9	3.88E+9	3.83E+9	3.67E+9	3.16E+9	2.06E+9	5.74E+8	8.42E+7	1.62E+6	6.70E+2	4.75E−8	0.0E+0	0.0E+0
Ce143	3.80E+9	3.75E+9	3.60E+9	3.11E+9	2.32E+9	8.49E+8	2.52E+7	1.09E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	2.27E+9	2.27E+9	2.27E+9	2.27E+9	2.27E+9	2.26E+9	2.22E+9	2.11E+9	1.83E+9	1.47E+9	9.36E+8	3.85E+8	2.68E+7	3.15E+5	4.36E+1
Ce145	2.57E+9	3.06E+3	3.24E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce146	2.03E+9	9.40E+7	2.00E+5	8.85E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142	8.46E+7	8.18E+7	7.61E+7	5.90E+7	3.55E+7	6.24E+6	1.41E+4	3.92E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr142m	1.81E+7	1.05E+6	3.51E+3	7.69E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr143	3.67E+9	3.67E+9	3.67E+9	3.67E+9	3.64E+9	3.43E+9	2.46E+9	8.88E+8	4.15E+7	4.19E+5	3.27E+1	2.61E−7	0.0E+0	0.0E+0	0.0E+0
Pr144	2.29E+9	2.28E+9	2.27E+9	2.27E+9	2.27E+9	2.26E+9	2.22E+9	2.11E+9	1.83E+9	1.47E+9	9.36E+8	3.85E+8	2.68E+7	3.15E+5	4.36E+1
Pr144m	3.45E+7	3.43E+7	3.43E+7	3.43E+7	3.43E+7	3.41E+7	3.35E+7	3.19E+7	2.76E+7	2.22E+7	1.41E+7	5.81E+6	4.04E+5	4.76E+3	6.59E−1
Pr145	2.57E+9	2.31E+9	1.83E+9	8.15E+8	1.61E+8	6.19E+5	2.18E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	2.04E+9	7.08E+8	2.62E+7	1.54E+2	5.20E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr147	1.58E+9	7.64E+7	1.54E+5	5.65E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	1.58E+9	1.57E+9	1.56E+9	1.54E+9	1.48E+9	1.30E+9	8.39E+8	2.37E+8	5.38E+6	1.83E+4	1.53E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd149	8.70E+8	5.95E+8	2.67E+8	1.61E+7	5.86E+4	2.55E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Nd151	4.28E+8	1.53E+7	1.91E+4	1.29E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd152	2.85E+8	7.44E+6	5.05E+3	4.10E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm146	3.68E+3	3.68E+3	3.68E+3	3.68E+3	3.67E+3	3.67E+3	3.66E+3	3.64E+3	3.56E+3	3.46E+3	3.24E+3	2.86E+3	1.96E+3	1.05E+3	3.00E+2
Pm147	4.07E+8	4.07E+8	4.07E+8	4.08E+8	4.08E+8	4.10E+8	4.13E+8	4.14E+8	3.99E+8	3.74E+8	3.27E+8	2.51E+8	1.14E+8	3.03E+7	2.16E+6
Pm148	3.83E+8	3.81E+8	3.77E+8	3.63E+8	3.37E+8	2.61E+8	1.07E+8	9.51E+6	5.84E+5	1.28E+5	5.71E+3	1.24E+1	1.27E−7	0.0E+0	0.0E+0
Pm148m	4.97E+7	4.97E+7	4.96E+7	4.93E+7	4.89E+7	4.72E+7	4.20E+7	3.00E+7	1.10E+7	2.42E+6	1.08E+5	2.34E+2	2.40E−6	0.0E+0	0.0E+0
Pm149	1.02E+9	1.02E+9	1.00E+9	9.20E+8	7.67E+8	4.10E+8	4.57E+7	8.67E+4	5.92E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm150	8.46E+6	6.53E+6	3.89E+6	6.37E+5	1.71E+4	6.94E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm151	4.32E+8	4.25E+8	4.05E+8	3.41E+8	2.42E+8	7.51E+7	1.24E+6	1.01E+1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152	2.89E+8	1.16E+7	7.88E+3	6.40E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm152m	1.62E+7	6.39E+4	1.00E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm153	1.95E+8	9.72E+4	1.99E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	9.08E+5	9.08E+5	9.09E+5	9.11E+5	9.15E+5	9.21E+5	9.24E+5	9.23E+5	9.22E+5	9.20E+5	9.17E+5	9.10E+5	8.89E+5	8.54E+5	7.90E+5
Sm153	7.08E+8	6.97E+8	6.77E+8	6.09E+8	4.94E+8	2.41E+8	1.94E+7	1.47E+4	6.30E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm155	7.49E+7	1.20E+7	2.88E+5	6.16E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm156	4.54E+7	4.22E+7	3.64E+7	2.17E+7	7.72E+6	2.23E+5	9.17E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm157	2.80E+7	1.63E+5	5.19E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm158	1.46E+7	7.85E+3	2.18E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu152	8.46E+3	8.46E+3	8.46E+3	8.46E+3	8.46E+3	8.46E+3	8.45E+3	8.42E+3	8.35E+3	8.25E+3	8.04E+3	7.64E+3	6.55E+3	5.07E+3	3.04E+3
Eu152m	2.65E+5	2.46E+5	2.12E+5	1.26E+5	4.42E+4	1.22E+3	4.31E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	9.62E+6	9.62E+6	9.62E+6	9.62E+6	9.61E+6	9.61E+6	9.60E+6	9.55E+6	9.43E+6	9.24E+6	8.87E+6	8.18E+6	6.42E+6	4.29E+6	1.91E+6
Eu155	7.47E+6	7.47E+6	7.47E+6	7.47E+6	7.47E+6	7.46E+6	7.44E+6	7.38E+6	7.21E+6	6.95E+6	6.46E+6	5.58E+6	3.61E+6	1.74E+6	4.06E+5
Eu156	3.12E+8	3.11E+8	3.10E+8	3.07E+8	2.99E+8	2.73E+8	1.98E+8	7.96E+7	5.15E+6	8.46E+4	1.80E+1	1.03E−6	0.0E+0	0.0E+0	0.0E+0
Eu157	3.46E+7	3.33E+7	3.04E+7	2.21E+7	1.16E+7	1.30E+6	6.07E+2	1.84E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu158	1.64E+7	7.46E+6	1.22E+6	2.15E+3	6.64E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu159	8.25E+6	9.48E+5	1.11E+4	1.92E−3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd153	7.79E+4	7.79E+4	7.78E+4	7.78E+4	7.76E+4	7.72E+4	7.57E+4	7.14E+4	6.01E+4	4.65E+4	2.73E+4	9.57E+3	4.12E+2	2.19E+0	6.13E−5
Gd159	9.79E+6	9.56E+6	8.88E+6	6.84E+6	4.05E+6	6.75E+5	1.27E+3	2.08E−5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Gd162	8.03E+5	5.86E+3	2.93E−1	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb160	9.98E+5	9.98E+5	9.97E+5	9.94E+5	9.89E+5	9.70E+5	9.07E+5	7.49E+5	4.21E+5	1.78E+5	3.01E+4	9.08E+2	2.49E−2	0.0E+0	0.0E+0
Tb161	1.94E+6	1.93E+6	1.91E+6	1.86E+6	1.75E+6	1.43E+6	7.07E+5	9.41E+4	2.22E+2	2.55E−2	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162	8.31E+5	2.85E+4	2.50E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb162m	1.06E+4	7.77E+3	4.17E+3	4.74E+2	6.11E+0	2.02E−6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tb163	3.49E+5	4.37E+4	6.14E+2	2.02E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy165	5.21E+5	3.89E+5	2.15E+5	2.69E+4	4.21E+2	2.71E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Dy166	3.36E+4	3.33E+4	3.27E+4	3.09E+4	2.74E+4	1.82E+4	4.37E+3	7.42E+1	3.62E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ho166	1.34E+5	1.31E+5	1.26E+5	1.11E+5	8.58E+4	4.01E+4	6.68E+3	1.10E+2	5.39E−4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	5.88E+8	5.72E+8	5.44E+8	4.52E+8	3.25E+8	1.88E+8	1.57E+8	1.35E+8	8.46E+7	3.87E+7	8.77E+6	2.32E+6	7.42E+5	2.05E+5	2.90E+4
Actin.	8.9E+10	5.3E+10	4.4E+10	4.1E+10	3.4E+10	1.9E+10	3.18E+9	4.82E+8	3.94E+8	3.68E+8	3.34E+8	3.03E+8	2.61E+8	2.09E+8	1.36E+8
FP	4.2E+11	1.5E+11	1.3E+11	1.0E+11	8.1E+10	6.0E+10	4.1E+10	2.6E+10	1.4E+10	8.11E+9	4.42E+9	2.45E+9	1.05E+9	7.23E+8	5.33E+8

All	5.1E+11	2.1E+11	1.7E+11	1.4E+11	1.2E+11	8.0E+10	4.4E+10	2.7E+10	1.5E+10	8.52E+9	4.76E+9	2.75E+9	1.31E+9	9.32E+8	6.70E+8

表 34　3 号機炉心、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	2.29E+2	2.28E+2	2.27E+2	2.24E+2	2.16E+2	2.04E+2	1.80E+2	1.25E+2	6.85E+1	2.04E+1	5.42E−1	1.28E−3	7.12E−9	0.00E+0	0.00E+0
Fe55	2.39E+3	8.04E−1	1.31E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	2.36E+2	4.56E+0	6.36E−3	1.23E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ni59	9.28E+1	9.28E+1	9.28E+1	9.27E+1	9.25E+1	9.21E+1	9.13E+1	8.89E+1	8.51E+1	7.81E+1	6.02E+1	3.90E+1	1.64E+1	1.22E+0	1.60E−2
Ni63	1.21E+4	9.63E+3	6.61E+3	3.11E+3	3.25E+2	7.50E+0	4.01E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	2.14E+2	2.14E+2	2.14E+2	2.14E+2	2.14E+2	2.14E+2	2.14E+2	2.13E+2	2.13E+2	2.12E+2	2.09E+2	2.04E+2	1.95E+2	1.70E+2	1.36E+2
Nb93m	1.24E+2	1.81E+2	2.01E+2	2.03E+2	2.03E+2	2.03E+2	2.03E+2	2.03E+2	2.02E+2	2.01E+2	1.99E+2	1.94E+2	1.86E+2	1.62E+2	1.29E+2
Sn121	5.27E+2	3.62E+2	1.93E+2	5.49E+1	1.26E+0	2.35E−3	8.16E−9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	6.80E+2	4.66E+2	2.49E+2	7.07E+1	1.63E+0	3.03E−3	1.05E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	9.09E+3	4.84E+0	1.69E−5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	3.38E+3	1.79E+0	6.27E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	1.67E+1	1.28E+1	7.89E+0	3.01E+0	1.68E−1	1.68E−3	3.29E−4	3.66E−4	4.36E−4	5.94E−4	1.11E−3	1.99E−3	3.79E−3	9.32E−3	1.85E−2
Pb212	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Bi212	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Po212	2.98E+1	2.28E+1	1.41E+1	5.38E+0	3.00E−1	2.99E−3	5.87E−4	6.53E−4	7.78E−4	1.06E−3	1.97E−3	3.55E−3	6.76E−3	1.66E−2	3.31E−2
Po216	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Rn220	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Ra224	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Th228	4.65E+1	3.56E+1	2.20E+1	8.39E+0	4.68E−1	4.67E−3	9.16E−4	1.02E−3	1.21E−3	1.65E−3	3.08E−3	5.54E−3	1.06E−2	2.59E−2	5.16E−2
Th231	1.35E+2	1.35E+2	1.35E+2	1.35E+2	1.36E+2	1.36E+2	1.37E+2	1.40E+2	1.44E+2	1.51E+2	1.63E+2	1.69E+2	1.71E+2	1.71E+2	1.71E+2
Th234	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
Pa233	6.13E+2	6.97E+2	8.55E+2	1.15E+3	1.78E+3	2.35E+3	2.72E+3	2.81E+3	2.81E+3	2.80E+3	2.77E+3	2.73E+3	2.64E+3	2.40E+3	2.04E+3
Pa234	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0	1.44E+0
Pa234m	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
U232	4.59E+1	3.46E+1	2.14E+1	8.17E+0	4.55E−1	4.53E−3	8.45E−4	8.30E−4	8.05E−4	7.58E−4	6.33E−4	4.68E−4	2.56E−4	4.20E−5	2.06E−6
U234	5.43E+2	9.37E+2	1.42E+3	1.96E+3	2.38E+3	2.42E+3	2.42E+3	2.40E+3	2.39E+3	2.35E+3	2.25E+3	2.10E+3	1.85E+3	1.43E+3	1.19E+3
U235	1.35E+2	1.35E+2	1.35E+2	1.35E+2	1.36E+2	1.36E+2	1.37E+2	1.40E+2	1.44E+2	1.51E+2	1.63E+2	1.69E+2	1.71E+2	1.71E+2	1.71E+2
U236	6.84E+2	6.85E+2	6.87E+2	6.91E+2	7.03E+2	7.21E+2	7.56E+2	8.40E+2	9.32E+2	1.02E+3	1.06E+3	1.06E+3	1.06E+3	1.05E+3	1.03E+3
U237	2.95E+3	6.96E+2	6.27E+1	5.16E−1	6.86E−3	6.59E−3	6.07E−3	4.75E−3	3.16E−3	1.40E−3	1.21E−4	2.05E−6	0.00E+0	0.00E+0	0.00E+0
U238	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3	1.11E+3
Np237	6.13E+2	6.97E+2	8.55E+2	1.15E+3	1.78E+3	2.35E+3	2.72E+3	2.81E+3	2.81E+3	2.80E+3	2.77E+3	2.73E+3	2.64E+3	2.40E+3	2.04E+3
Np238	1.02E+2	8.91E+1	7.10E+1	4.50E+1	1.15E+1	1.17E+0	1.23E−2	1.40E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Np239	2.84E+4	2.84E+4	2.82E+4	2.80E+4	2.72E+4	2.59E+4	2.36E+4	1.78E+4	1.11E+4	4.35E+3	2.60E+2	2.38E+0	3.33E-4	1.33E-4	1.30E-4
Pu236	7.91E+0	6.23E-3	8.55E-4	8.54E-4	8.53E-4	8.50E-4	8.45E-4	8.30E-4	8.05E-4	7.58E-4	6.33E-4	4.68E-4	2.56E-4	4.20E-5	2.06E-6
Pu238	5.21E+6	4.11E+6	2.77E+6	1.26E+6	1.21E+5	2.70E+3	3.03E+0	5.51E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	1.05E+6	1.05E+6	1.05E+6	1.04E+6	1.04E+6	1.02E+6	9.93E+5	9.13E+5	7.92E+5	5.96E+5	2.52E+5	5.97E+4	3.35E+3	5.92E-1	1.31E-4
Pu240	1.36E+6	1.36E+6	1.35E+6	1.34E+6	1.30E+6	1.23E+6	1.11E+6	8.05E+5	4.74E+5	1.64E+5	6.81E+3	3.40E+1	1.35E-3	5.08E-4	5.06E-4
Pu241	1.20E+8	2.84E+7	2.56E+6	2.10E+4	2.80E+2	2.69E+2	2.48E+2	1.94E+2	1.29E+2	5.71E+1	4.94E+0	8.37E-2	2.40E-5	0.00E+0	0.00E+0
Pu242	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.96E+3	3.95E+3	3.95E+3	3.93E+3	3.89E+3	3.82E+3	3.62E+3	3.31E+3	2.77E+3	1.62E+3	6.60E+2
Am241	6.91E+6	9.56E+6	9.63E+6	8.28E+6	5.12E+6	2.30E+6	4.62E+5	3.96E+3	1.30E+2	5.71E+1	4.94E+0	8.37E-2	2.53E-5	0.00E+0	0.00E+0
Am242	2.03E+4	1.77E+4	1.41E+4	8.95E+3	2.28E+3	2.33E+2	2.44E+0	2.79E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	2.04E+4	1.78E+4	1.42E+4	9.00E+3	2.29E+3	2.34E+2	2.45E+0	2.81E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	2.84E+4	2.84E+4	2.82E+4	2.80E+4	2.72E+4	2.59E+4	2.36E+4	1.78E+4	1.11E+4	4.35E+3	2.60E+2	2.38E+0	3.33E-4	1.33E-4	1.30E-4
Cm242	1.68E+4	1.47E+4	1.17E+4	7.40E+3	1.88E+3	1.93E+2	2.02E+0	2.32E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	1.52E+4	7.35E+3	2.18E+3	1.91E+2	1.30E-1	6.79E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	1.26E+6	4.00E+5	5.90E+4	1.28E+3	1.32E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	2.91E+2	2.90E+2	2.89E+2	2.86E+2	2.80E+2	2.68E+2	2.47E+2	1.94E+2	1.29E+2	5.70E+1	4.93E+0	8.36E-2	2.40E-5	0.00E+0	0.00E+0
Cm246	4.48E+1	4.46E+1	4.43E+1	4.37E+1	4.18E+1	3.88E+1	3.35E+1	2.16E+1	1.04E+1	2.40E+0	2.96E-2	1.95E-5	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	3.83E+5	7.11E+4	4.30E+3	1.57E+1	7.63E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	8.57E+1	8.57E+1	8.57E+1	8.57E+1	8.57E+1	8.56E+1	8.55E+1	8.52E+1	8.48E+1	8.39E+1	8.13E+1	7.70E+1	6.92E+1	5.03E+1	2.95E+1
Kr85	8.12E+6	1.17E+6	4.68E+4	7.44E+1	2.98E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	1.12E+8	5.41E+7	1.62E+7	1.45E+6	1.05E+3	6.07E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	1.12E+8	5.41E+7	1.62E+7	1.45E+6	1.05E+3	6.07E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.30E+3	4.29E+3	4.29E+3	4.28E+3	4.26E+3	4.20E+3	4.11E+3	3.92E+3	3.42E+3	2.72E+3
Nb93m	2.50E+3	3.65E+3	4.03E+3	4.08E+3	4.08E+3	4.08E+3	4.08E+3	4.07E+3	4.06E+3	4.05E+3	3.99E+3	3.90E+3	3.73E+3	3.25E+3	2.59E+3
Tc99	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.15E+4	3.14E+4	3.13E+4	3.10E+4	3.05E+4	2.95E+4	2.68E+4	2.27E+4	1.63E+4	6.10E+3	1.18E+3
Ru106	1.11E+3	1.64E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	1.11E+3	1.64E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.13E+2	2.12E+2	2.11E+2	2.09E+2	2.02E+2	1.92E+2
Cd113m	2.09E+4	4.78E+3	4.09E+2	3.00E+0	1.18E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	2.92E+3	2.01E+3	1.07E+3	3.04E+2	7.01E+0	1.31E-2	4.52E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	3.77E+3	2.58E+3	1.38E+3	3.92E+2	9.03E+0	1.68E-2	5.83E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.39E+3	1.38E+3	1.35E+3	1.31E+3	1.22E+3	9.90E+2	7.00E+2	3.50E+2	4.38E+1	1.37E+0
Sb125	1.04E+5	5.52E+1	1.93E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	1.96E+2	1.96E+2	1.96E+2	1.96E+2	1.95E+2	1.95E+2	1.93E+2	1.89E+2	1.83E+2	1.71E+2	1.39E+2	9.81E+1	4.90E+1	6.13E+0	1.92E-1
Sb126m	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.40E+3	1.39E+3	1.38E+3	1.35E+3	1.31E+3	1.22E+3	9.90E+2	7.00E+2	3.50E+2	4.38E+1	1.37E+0
Te125m	3.85E+4	2.05E+1	7.15E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	7.10E+1	7.10E+1	7.10E+1	7.10E+1	7.10E+1	7.10E+1	7.10E+1	7.10E+1	7.09E+1	7.09E+1	7.08E+1	7.07E+1	7.03E+1	6.94E+1	6.79E+1
Cs134	3.06E+5	1.29E+1	6.63E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.09E+3	1.09E+3	1.07E+3	1.04E+3	9.48E+2	8.16E+2
Cs137	1.52E+8	7.61E+7	2.40E+7	2.40E+6	2.38E+3	2.35E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	1.39E+1	1.93E+0	7.15E-2	9.86E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Ba137m	1.44E+8	7.21E+7	2.28E+7	2.27E+6	2.25E+3	2.22E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	4.36E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	4.36E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	3.00E+2	6.97E+0	1.33E-2	4.77E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	2.16E+6	7.79E+2	1.43E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	7.90E+5	6.25E+5	4.23E+5	1.94E+5	1.86E+4	3.74E+2	1.51E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	3.04E+3	6.55E+2	5.07E+1	3.03E-1	6.52E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	1.91E+6	1.70E+5	3.00E+3	9.38E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	4.06E+5	5.14E+3	3.54E+0	1.67E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	2.83E+0	2.78E+0	2.71E+0	2.55E+0	2.15E+0	1.61E+0	9.06E-1	1.61E-1	9.06E-3	2.87E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														
Activ.	2.90E+4	1.12E+4	7.78E+3	3.97E+3	1.05E+3	7.20E+2	6.89E+2	6.31E+2	5.69E+2	5.12E+2	4.69E+2	4.38E+2	3.97E+2	3.33E+2	2.65E+2
Actin.	1.36E+8	4.50E+7	1.75E+7	1.20E+7	7.65E+6	4.62E+6	2.63E+6	1.77E+6	1.31E+6	7.90E+5	2.89E+5	9.80E+4	5.10E+4	4.99E+4	4.40E+4
FP	5.33E+8	2.59E+8	7.97E+7	7.81E+6	6.96E+4	4.46E+4	4.41E+4	4.37E+4	4.31E+4	4.19E+4	3.85E+4	3.36E+4	2.61E+4	1.41E+4	7.60E+3
All	6.70E+8	3.03E+8	9.73E+7	1.99E+7	7.72E+6	4.66E+6	2.67E+6	1.82E+6	1.35E+6	8.33E+5	3.28E+5	1.32E+5	7.76E+4	6.44E+4	5.18E+4

表 35　1 号機使用済燃料プール、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Cr51	4.89E+1	4.88E+1	4.87E+1	4.84E+1	4.77E+1	4.53E+1	3.81E+1	2.31E+1	5.14E+0	5.41E-1	5.26E-3	5.66E-7	0.00E+0	0.00E+0	0.00E+0
Mn54	9.19E+3	9.19E+3	9.18E+3	9.18E+3	9.17E+3	9.13E+3	8.99E+3	8.60E+3	7.52E+3	6.16E+3	4.09E+3	1.82E+3	1.60E+2	2.78E+0	8.44E-4
Fe55	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.22E+5	1.21E+5	1.19E+5	1.14E+5	1.07E+5	9.34E+4	7.16E+4	3.22E+4	8.48E+3	5.90E+2
Fe59	2.53E+1	2.53E+1	2.53E+1	2.51E+1	2.49E+1	2.42E+1	2.17E+1	1.59E+1	6.33E+0	1.58E+0	9.12E-2	3.28E-4	0.00E+0	0.00E+0	0.00E+0
Co58	1.15E+3	1.15E+3	1.15E+3	1.15E+3	1.14E+3	1.12E+3	1.05E+3	8.60E+2	4.78E+2	1.98E+2	3.22E+1	9.01E-1	1.97E-5	0.00E+0	0.00E+0
Co60	1.67E+3	1.67E+3	1.67E+3	1.67E+3	1.67E+3	1.67E+3	1.67E+3	1.65E+3	1.62E+3	1.57E+3	1.47E+3	1.29E+3	8.67E+2	4.49E+2	1.20E+2
Ni63	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.12E+4	1.11E+4	1.08E+4	1.04E+4	9.67E+3
Sr89	8.55E+1	8.55E+1	8.54E+1	8.50E+1	8.44E+1	8.21E+1	7.46E+1	5.67E+1	2.49E+1	7.24E+0	5.71E-1	3.81E-3	1.13E-9	0.00E+0	0.00E+0
Y91	1.95E+2	1.95E+2	1.95E+2	1.94E+2	1.93E+2	1.88E+2	1.73E+2	1.37E+2	6.71E+1	2.31E+1	2.57E+0	3.40E-2	7.83E-8	0.00E+0	0.00E+0
Zr95	2.27E+5	2.27E+5	2.27E+5	2.26E+5	2.25E+5	2.20E+5	2.04E+5	1.64E+5	8.58E+4	3.24E+4	4.36E+3	8.35E+1	5.87E-4	0.00E+0	0.00E+0
Nb95	5.08E+5	5.08E+5	5.07E+5	5.06E+5	5.03E+5	4.92E+5	4.55E+5	3.66E+5	1.90E+5	7.16E+4	9.60E+3	1.90E+2	1.29E-3	0.00E+0	0.00E+0
Nb95m	2.17E+3	2.17E+3	2.17E+3	2.16E+3	2.15E+3	2.10E+3	1.95E+3	1.57E+3	8.18E+2	3.09E+2	4.16E+1	7.96E-1	5.60E-6	0.00E+0	0.00E+0
In113m	4.01E+4	4.01E+4	4.01E+4	4.00E+4	3.99E+4	3.94E+4	3.78E+4	3.35E+4	2.33E+4	1.36E+4	4.45E+3	4.93E+2	6.72E-1	1.12E-5	0.00E+0
In114m	6.91E+2	6.90E+2	6.89E+2	6.87E+2	6.81E+2	6.62E+2	6.00E+2	4.54E+2	1.96E+2	5.56E+1	4.16E+0	2.50E-2	5.45E-9	0.00E+0	0.00E+0
In114	6.68E+2	6.68E+2	6.67E+2	6.64E+2	6.59E+2	6.41E+2	5.81E+2	4.39E+2	1.90E+2	5.38E+1	4.02E+0	2.42E-2	5.27E-9	0.00E+0	0.00E+0
Sn113	4.01E+4	4.01E+4	4.01E+4	4.00E+4	3.99E+4	3.94E+4	3.78E+4	3.35E+4	2.33E+4	1.36E+4	4.45E+3	4.93E+2	6.71E-1	1.12E-5	0.00E+0
Sn119m	3.07E+5	3.07E+5	3.07E+5	3.07E+5	3.07E+5	3.05E+5	3.00E+5	2.86E+5	2.48E+5	2.01E+5	1.30E+5	5.46E+4	4.09E+3	5.44E+1	9.63E-3
Sn117m	1.51E-2	1.51E-2	1.50E-2	1.48E-2	1.44E-2	1.30E-2	9.08E-3	3.28E-3	1.54E-4	1.57E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	5.25E+2	5.25E+2	5.25E+2	5.25E+2	5.25E+2	5.25E+2	5.25E+2	5.24E+2	5.23E+2	5.22E+2	5.18E+2	5.12E+2	4.93E+2	4.63E+2	4.08E+2

Sn123	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.08E+4	1.04E+4	9.39E+3	6.80E+3	4.20E+3	1.55E+3	2.19E+2	6.11E−1	3.39E−5	0.00E+0
Sn125	2.86E−6	2.85E−6	2.83E−6	2.77E−6	2.66E−6	2.30E−6	1.39E−6	3.31E−7	4.42E−9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb124	9.52E+1	9.52E+1	9.51E+1	9.48E+1	9.41E+1	9.20E+1	8.49E+1	6.74E+1	3.38E+1	1.20E+1	1.42E+0	2.12E−2	7.02E−8	0.00E+0	0.00E+0
Sb125	3.54E+5	3.54E+5	3.54E+5	3.54E+5	3.54E+5	3.54E+5	3.52E+5	3.47E+5	3.33E+5	3.13E+5	2.76E+5	2.14E+5	1.01E+5	2.87E+4	2.33E+3
Te125m	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.29E+5	1.24E+5	1.16E+5	1.02E+5	7.96E+4	3.74E+4	1.07E+4	8.64E+2
	Actinide														
U237	4.45E+3	4.45E+3	4.45E+3	4.45E+3	4.44E+3	4.44E+3	4.44E+3	4.43E+3	4.39E+3	4.34E+3	4.24E+3	4.04E+3	3.49E+3	2.75E+3	1.70E+3
Np238	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.31E+2	1.30E+2	1.28E+2	1.25E+2	1.20E+2
Np239	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4
Pu238	6.44E+6	6.44E+6	6.44E+6	6.44E+6	6.44E+6	6.44E+6	6.44E+6	6.45E+6	6.45E+6	6.45E+6	6.43E+6	6.39E+6	6.25E+6	6.00E+6	5.55E+6
Pu239	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5	5.62E+5
Pu240	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.11E+5	8.12E+5	8.12E+5	8.14E+5	8.15E+5
Pu241	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.81E+8	1.79E+8	1.77E+8	1.73E+8	1.65E+8	1.42E+8	1.12E+8	6.92E+7
Pu242	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3
Am241	1.85E+6	1.85E+6	1.85E+6	1.85E+6	1.85E+6	1.86E+6	1.86E+6	1.88E+6	1.92E+6	1.99E+6	2.13E+6	2.40E+6	3.12E+6	4.11E+6	5.46E+6
Am242	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.61E+4	2.60E+4	2.59E+4	2.55E+4	2.50E+4	2.38E+4
Am242m	2.63E+4	2.63E+4	2.63E+4	2.63E+4	2.63E+4	2.63E+4	2.63E+4	2.62E+4	2.62E+4	2.62E+4	2.61E+4	2.60E+4	2.57E+4	2.51E+4	2.40E+4
Am243	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4	3.41E+4
Cm242	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.04E+7	1.03E+7	9.98E+6	9.17E+6	7.11E+6	4.86E+6	2.22E+6	4.88E+5	2.56E+4	2.07E+4	1.97E+4
Cm243	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.96E+4	4.95E+4	4.93E+4	4.90E+4	4.84E+4	4.73E+4	4.40E+4	3.89E+4	3.05E+4
Cm244	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.73E+6	3.72E+6	3.70E+6	3.66E+6	3.59E+6	3.46E+6	3.08E+6	2.55E+6	1.74E+6
	FP														
H3	6.62E+5	6.62E+5	6.62E+5	6.62E+5	6.62E+5	6.61E+5	6.61E+5	6.59E+5	6.53E+5	6.44E+5	6.26E+5	5.92E+5	5.00E+5	3.78E+5	2.15E+5
Kr85	1.40E+7	1.40E+7	1.40E+7	1.40E+7	1.40E+7	1.40E+7	1.40E+7	1.39E+7	1.38E+7	1.35E+7	1.31E+7	1.23E+7	1.01E+7	7.34E+6	3.85E+6
Rb86	2.02E+0	2.02E+0	2.01E+0	1.99E+0	1.94E+0	1.81E+0	1.39E+0	6.61E−1	7.10E−2	2.50E−3	2.55E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr89	1.57E+6	1.57E+6	1.57E+6	1.57E+6	1.55E+6	1.51E+6	1.37E+6	1.04E+6	4.58E+5	1.33E+5	1.05E+4	7.00E+1	2.08E−5	0.00E+0	0.00E+0
Sr90	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.13E+8	1.12E+8	1.11E+8	1.08E+8	1.01E+8	8.94E+7	7.02E+7
Y89m	2.36E+2	2.36E+2	2.36E+2	2.35E+2	2.33E+2	2.27E+2	2.06E+2	1.56E+2	6.87E+1	2.00E+1	1.57E+0	1.05E−2	3.12E−9	0.00E+0	0.00E+0
Y90	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.14E+8	1.13E+8	1.12E+8	1.11E+8	1.08E+8	1.01E+8	8.94E+7	7.02E+7
Y91	4.00E+6	4.00E+6	4.00E+6	3.98E+6	3.96E+6	3.86E+6	3.56E+6	2.81E+6	1.38E+6	4.75E+5	5.29E+4	6.98E+2	1.61E−3	0.00E+0	0.00E+0
Zr93	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3
Zr95	8.29E+6	8.29E+6	8.28E+6	8.25E+6	8.20E+6	8.03E+6	7.44E+6	5.99E+6	3.13E+6	1.18E+6	1.59E+5	3.04E+3	2.14E−2	0.00E+0	0.00E+0
Nb95	1.85E+7	1.85E+7	1.85E+7	1.85E+7	1.83E+7	1.79E+7	1.66E+7	1.34E+7	6.94E+6	2.61E+6	3.50E+5	6.93E+3	4.72E−2	0.00E+0	0.00E+0
Nb95m	7.91E+4	7.91E+4	7.90E+4	7.87E+4	7.82E+4	7.66E+4	7.10E+4	5.72E+4	2.98E+4	1.13E+4	1.52E+3	2.90E+1	2.04E−4	0.00E+0	0.00E+0
Tc99	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.49E+4
Ru103	8.03E+5	8.02E+5	8.01E+5	7.97E+5	7.89E+5	7.62E+5	6.73E+5	4.73E+5	1.64E+5	3.35E+4	1.27E+3	2.02E+0	7.99E−9	0.00E+0	0.00E+0
Ru106	1.11E+8	1.11E+8	1.11E+8	1.10E+8	1.10E+8	1.10E+8	1.09E+8	1.05E+8	9.35E+7	7.92E+7	5.61E+7	2.85E+7	3.73E+6	1.26E+5	1.44E+2
Rh102	5.96E+2	5.96E+2	5.96E+2	5.96E+2	5.94E+2	5.91E+2	5.77E+2	5.40E+2	4.41E+2	3.27E+2	1.76E+2	5.18E+1	1.32E+0	2.95E−3	1.45E−8
Rh103m	8.03E+5	8.02E+5	8.00E+5	7.96E+5	7.88E+5	7.60E+5	6.72E+5	4.72E+5	1.64E+5	3.34E+4	1.27E+3	2.01E+0	7.98E−9	0.00E+0	0.00E+0
Rh106	1.11E+8	1.11E+8	1.11E+8	1.10E+8	1.10E+8	1.10E+8	1.09E+8	1.05E+8	9.35E+7	7.92E+7	5.61E+7	2.85E+7	3.73E+6	1.26E+5	1.44E+2
Ag109m	4.53E+1	4.53E+1	4.53E+1	4.53E+1	4.52E+1	4.51E+1	4.46E+1	4.33E+1	3.96E+1	3.46E+1	2.62E+1	1.52E+1	2.94E+0	1.91E−1	8.04E−4

Ag110	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.11E+4	1.10E+4	1.08E+4	1.02E+4	8.66E+3	6.75E+3	4.04E+3	1.46E+3	7.00E+1	4.41E-1	1.75E-5
Ag110m	8.18E+5	8.18E+5	8.17E+5	8.17E+5	8.15E+5	8.11E+5	7.95E+5	7.52E+5	6.37E+5	4.96E+5	2.97E+5	1.08E+5	5.15E+3	3.24E+1	1.28E-3
Ag111	1.13E-7	1.13E-7	1.12E-7	1.09E-7	1.03E-7	8.55E-8	4.46E-8	6.93E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cd113m	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.91E+4	3.90E+4	3.90E+4	3.89E+4	3.86E+4	3.81E+4	3.72E+4	3.54E+4	3.06E+4	2.39E+4	1.46E+4
Cd115m	5.41E+2	5.41E+2	5.40E+2	5.38E+2	5.33E+2	5.17E+2	4.63E+2	3.39E+2	1.33E+2	3.29E+1	1.84E+0	6.29E-3	0.00E+0	0.00E+0	0.00E+0
In114	8.05E+0	8.05E+0	8.04E+0	8.00E+0	7.94E+0	7.72E+0	7.00E+0	5.29E+0	2.28E+0	6.48E-1	4.84E-2	2.91E-4	0.00E+0	0.00E+0	0.00E+0
In114m	8.32E+0	8.32E+0	8.31E+0	8.27E+0	8.20E+0	7.98E+0	7.23E+0	5.47E+0	2.36E+0	6.70E-1	5.01E-2	3.01E-4	0.00E+0	0.00E+0	0.00E+0
Sn117m	5.52E-4	5.51E-4	5.49E-4	5.40E-4	5.25E-4	4.74E-4	3.32E-4	1.20E-4	5.62E-6	5.72E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn119m	6.92E+3	6.92E+3	6.92E+3	6.92E+3	6.91E+3	6.87E+3	6.76E+3	6.45E+3	5.60E+3	4.52E+3	2.92E+3	1.23E+3	9.21E+1	1.23E+0	2.17E-4
Sn121	3.05E+3	3.05E+3	3.05E+3	3.05E+3	3.05E+3	3.05E+3	3.05E+3	3.05E+3	3.04E+3	3.03E+3	3.01E+3	2.97E+3	2.86E+3	2.69E+3	2.37E+3
Sn121m	3.93E+3	3.93E+3	3.93E+3	3.93E+3	3.93E+3	3.93E+3	3.93E+3	3.93E+3	3.92E+3	3.90E+3	3.88E+3	3.83E+3	3.69E+3	3.47E+3	3.06E+3
Sn123	2.48E+4	2.48E+4	2.48E+4	2.48E+4	2.47E+4	2.44E+4	2.35E+4	2.11E+4	1.53E+4	9.45E+3	3.50E+3	4.93E+2	1.38E+0	7.63E-5	0.00E+0
Sn125	1.43E-5	1.42E-5	1.41E-5	1.39E-5	1.33E-5	1.15E-5	6.96E-6	1.65E-6	2.21E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3
Sb124	3.57E+3	3.57E+3	3.57E+3	3.55E+3	3.53E+3	3.45E+3	3.18E+3	2.53E+3	1.27E+3	4.50E+2	5.33E+1	7.94E-1	2.63E-6	0.00E+0	0.00E+0
Sb125	4.15E+6	4.15E+6	4.15E+6	4.15E+6	4.15E+6	4.14E+6	4.12E+6	4.06E+6	3.90E+6	3.67E+6	3.23E+6	2.51E+6	1.18E+6	3.36E+5	2.72E+4
Sb126	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.71E+2
Sb126m	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3
Te123m	3.19E+2	3.19E+2	3.19E+2	3.18E+2	3.17E+2	3.14E+2	3.01E+2	2.68E+2	1.90E+2	1.13E+2	3.85E+1	4.64E+0	8.14E-3	2.07E-7	0.00E+0
Te125m	1.54E+6	1.54E+6	1.54E+6	1.54E+6	1.54E+6	1.53E+6	1.53E+6	1.51E+6	1.45E+6	1.36E+6	1.20E+6	9.31E+5	4.38E+5	1.25E+5	1.01E+4
Te127	1.99E+5	1.99E+5	1.98E+5	1.98E+5	1.97E+5	1.95E+5	1.86E+5	1.64E+5	1.12E+5	6.33E+4	1.95E+4	1.91E+3	1.80E+0	1.63E-5	0.00E+0
Te127m	2.03E+5	2.03E+5	2.03E+5	2.02E+5	2.02E+5	1.99E+5	1.90E+5	1.68E+5	1.14E+5	6.46E+4	1.99E+4	1.95E+3	1.84E+0	1.67E-5	0.00E+0
Te129	3.72E+3	3.72E+3	3.71E+3	3.69E+3	3.65E+3	3.50E+3	3.03E+3	2.00E+3	5.81E+2	9.08E+1	1.99E+0	1.06E-3	0.00E+0	0.00E+0	0.00E+0
Te129m	5.81E+3	5.80E+3	5.79E+3	5.76E+3	5.69E+3	5.46E+3	4.72E+3	3.13E+3	9.07E+2	1.42E+2	3.10E+0	1.66E-3	0.00E+0	0.00E+0	0.00E+0
I131	1.68E-5	1.67E-5	1.66E-5	1.62E-5	1.54E-5	1.29E-5	7.06E-6	1.25E-6	7.02E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Xe131m	1.00E-2	1.00E-2	9.97E-3	9.80E-3	9.47E-3	8.42E-3	5.59E-3	1.73E-3	5.17E-5	2.66E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Xe133	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs134	8.74E+7	8.74E+7	8.74E+7	8.74E+7	8.73E+7	8.72E+7	8.66E+7	8.50E+7	8.05E+7	7.41E+7	6.25E+7	4.47E+7	1.63E+7	3.05E+6	1.06E+5
Cs136	1.69E-1	1.68E-1	1.68E-1	1.65E-1	1.60E-1	1.44E-1	9.97E-2	3.48E-2	1.47E-3	1.29E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs137	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.63E+8	1.62E+8	1.60E+8	1.56E+8	1.46E+8	1.30E+8	1.03E+8
Ba136m	2.70E-2	2.69E-2	2.68E-2	2.64E-2	2.56E-2	2.31E-2	1.59E-2	5.56E-3	2.36E-4	2.06E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	1.55E+8	1.55E+8	1.55E+8	1.55E+8	1.55E+8	1.55E+8	1.55E+8	1.55E+8	1.54E+8	1.53E+8	1.51E+8	1.48E+8	1.38E+8	1.23E+8	9.76E+7
Ba140	2.17E+0	2.16E+0	2.15E+0	2.12E+0	2.05E+0	1.84E+0	1.26E+0	4.25E-1	1.63E-2	1.22E-4	5.20E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
La140	2.50E+0	2.49E+0	2.48E+0	2.44E+0	2.37E+0	2.12E+0	1.45E+0	4.90E-1	1.88E-2	1.41E-4	5.98E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce139	9.96E+2	9.96E+2	9.96E+2	9.94E+2	9.91E+2	9.82E+2	9.48E+2	8.57E+2	6.33E+2	4.02E+2	1.58E+2	2.51E+1	1.01E-1	1.02E-5	0.00E+0
Ce141	2.15E+5	2.14E+5	2.14E+5	2.13E+5	2.10E+5	2.01E+5	1.73E+5	1.13E+5	3.15E+4	4.62E+3	8.89E+1	3.68E-2	0.00E+0	0.00E+0	0.00E+0
Ce144	1.36E+8	1.36E+8	1.36E+8	1.36E+8	1.35E+8	1.35E+8	1.32E+8	1.26E+8	1.09E+8	8.76E+7	5.58E+7	2.30E+7	1.60E+6	1.88E+4	2.60E+0
Pr143	6.24E+0	6.23E+0	6.20E+0	6.11E+0	5.93E+0	5.36E+0	3.75E+0	1.35E+0	6.31E-2	6.37E-4	4.97E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	1.36E+8	1.36E+8	1.35E+8	1.36E+8	1.35E+8	1.35E+8	1.32E+8	1.26E+8	1.09E+8	8.76E+7	5.58E+7	2.30E+7	1.60E+6	1.88E+4	2.60E+0
Pr144m	2.05E+6	2.05E+6	2.05E+6	2.05E+6	2.04E+6	2.03E+6	2.00E+6	1.90E+6	1.65E+6	1.32E+6	8.43E+5	3.47E+5	2.41E+4	2.84E+2	3.93E-2
Nd147	3.68E-2	3.67E-2	3.65E-2	3.59E-2	3.46E-2	3.05E-2	1.96E-2	5.54E-3	1.25E-4	4.27E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Pm146	1.39E+3	1.39E+3	1.39E+3	1.39E+3	1.38E+3	1.38E+3	1.38E+3	1.37E+3	1.34E+3	1.30E+3	1.22E+3	1.08E+3	7.40E+2	3.95E+2	1.13E+2
Pm147	8.75E+7	8.75E+7	8.75E+7	8.74E+7	8.74E+7	8.73E+7	8.68E+7	8.56E+7	8.20E+7	7.68E+7	6.72E+7	5.16E+7	2.33E+7	6.23E+6	4.44E+5
Pm148	9.34E+2	9.33E+2	9.32E+2	9.27E+2	9.18E+2	8.88E+2	7.89E+2	5.64E+2	2.06E+2	4.55E+1	2.03E+0	4.41E-3	0.00E+0	0.00E+0	0.00E+0
Pm148m	1.77E+4	1.76E+4	1.76E+4	1.75E+4	1.74E+4	1.68E+4	1.49E+4	1.07E+4	3.90E+3	8.60E+2	3.83E+1	8.33E-2	0.00E+0	0.00E+0	0.00E+0
Sm151	5.10E+5	5.10E+5	5.10E+5	5.10E+5	5.10E+5	5.10E+5	5.10E+5	5.10E+5	5.09E+5	5.08E+5	5.06E+5	5.02E+5	4.91E+5	4.72E+5	4.37E+5
Eu152	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.88E+3	4.87E+3	4.87E+3	4.86E+3	4.82E+3	4.76E+3	4.63E+3	4.40E+3	3.78E+3	2.92E+3	1.75E+3
Eu154	7.05E+6	7.05E+6	7.05E+6	7.05E+6	7.05E+6	7.05E+6	7.04E+6	7.01E+6	6.91E+6	6.78E+6	6.51E+6	6.00E+6	4.71E+6	3.15E+6	1.40E+6
Eu155	4.18E+6	4.18E+6	4.18E+6	4.18E+6	4.18E+6	4.17E+6	4.16E+6	4.13E+6	4.03E+6	3.89E+6	3.61E+6	3.12E+6	2.02E+6	9.74E+5	2.27E+5
Eu156	8.19E+0	8.18E+0	8.15E+0	8.04E+0	7.83E+0	7.14E+0	5.19E+0	2.08E+0	1.35E-1	2.21E-3	4.71E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd153	1.71E+4	1.71E+4	1.71E+4	1.71E+4	1.71E+4	1.70E+4	1.67E+4	1.57E+4	1.32E+4	1.02E+4	6.01E+3	2.11E+3	9.08E+1	4.81E-1	1.35E-5
Tb160	1.03E+4	1.03E+4	1.03E+4	1.03E+4	1.02E+4	1.00E+4	9.39E+3	7.75E+3	4.36E+3	1.84E+3	3.12E+2	9.40E+0	2.58E-4	0.00E+0	0.00E+0
	Total														
Activ.	1.77E+6	1.77E+6	1.77E+6	1.77E+6	1.76E+6	1.74E+6	1.68E+6	1.52E+6	1.17E+6	8.94E+5	6.44E+5	4.38E+5	1.88E+5	6.04E+4	1.51E+4
Actin.	2.05E+8	2.05E+8	2.05E+8	2.05E+8	2.05E+8	2.05E+8	2.05E+8	2.03E+8	2.00E+8	1.95E+8	1.89E+8	1.79E+8	1.56E+8	1.26E+8	8.35E+7
FP	1.28E+9	1.28E+9	1.28E+9	1.28E+9	1.28E+9	1.28E+9	1.27E+9	1.24E+9	1.16E+9	1.06E+9	9.17E+8	7.46E+8	5.55E+8	4.54E+8	3.48E+8
All	1.49E+9	1.49E+9	1.49E+9	1.49E+9	1.49E+9	1.48E+9	1.47E+9	1.44E+9	1.36E+9	1.26E+9	1.11E+9	9.26E+8	7.12E+8	5.80E+8	4.31E+8

表 36　1 号機使用済燃料プール、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	1.96E+2	1.95E+2	1.94E+2	1.92E+2	1.85E+2	1.74E+2	1.54E+2	1.07E+2	5.86E+1	1.75E+1	4.64E-1	1.09E-3	6.09E-9	0.00E+0	0.00E+0
Fe55	5.90E+2	1.98E-1	3.22E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	1.20E+2	2.33E+0	3.25E-3	6.31E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ni59	7.69E+1	7.69E+1	7.68E+1	7.68E+1	7.66E+1	7.62E+1	7.56E+1	7.36E+1	7.05E+1	6.47E+1	4.99E+1	3.23E+1	1.36E+1	1.01E+0	1.33E-2
Ni63	9.67E+3	7.71E+3	5.29E+3	2.49E+3	2.60E+2	6.01E+0	3.21E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	1.83E+2	1.83E+2	1.83E+2	1.83E+2	1.83E+2	1.83E+2	1.83E+2	1.83E+2	1.82E+2	1.81E+2	1.79E+2	1.75E+2	1.67E+2	1.46E+2	1.16E+2
Nb93m	1.24E+2	1.60E+2	1.72E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.74E+2	1.73E+2	1.72E+2	1.70E+2	1.66E+2	1.59E+2	1.39E+2	1.10E+2
Sn121	4.08E+2	2.80E+2	1.49E+2	4.25E+1	9.78E-1	1.82E-3	6.33E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	5.26E+2	3.61E+2	1.92E+2	5.47E+1	1.26E+0	2.35E-3	8.15E-9	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	2.33E+3	1.24E+0	4.32E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	8.64E+2	4.59E-1	1.60E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	1.91E+1	1.44E+1	8.92E+0	3.41E+0	1.90E-1	1.85E-3	3.20E-4	3.45E-4	3.91E-4	4.94E-4	8.31E-4	1.41E-3	2.62E-3	6.37E-3	1.26E-2
Pb212	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E-1	5.15E-3	8.91E-4	9.60E-4	1.09E-3	1.38E-3	2.31E-3	3.94E-3	7.29E-3	1.77E-2	3.52E-2
Bi212	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E-1	5.15E-3	8.91E-4	9.60E-4	1.09E-3	1.38E-3	2.31E-3	3.94E-3	7.29E-3	1.77E-2	3.52E-2
Po212	3.41E+1	2.58E+1	1.59E+1	6.08E+0	3.39E-1	3.30E-3	5.71E-4	6.15E-4	6.98E-4	8.82E-4	1.48E-3	2.52E-3	4.67E-3	1.14E-2	2.26E-2
Po216	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E-1	5.15E-3	8.91E-4	9.60E-4	1.09E-3	1.38E-3	2.31E-3	3.94E-3	7.29E-3	1.77E-2	3.52E-2
Rn220	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E-1	5.15E-3	8.91E-4	9.60E-4	1.09E-3	1.38E-3	2.31E-3	3.94E-3	7.29E-3	1.77E-2	3.52E-2

Ra224	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E−1	5.15E−3	8.91E−4	9.60E−4	1.09E−3	1.38E−3	2.31E−3	3.94E−3	7.29E−3	1.77E−2	3.52E−2
Th228	5.32E+1	4.02E+1	2.48E+1	9.48E+0	5.29E−1	5.15E−3	8.91E−4	9.60E−4	1.09E−3	1.38E−3	2.31E−3	3.94E−3	7.29E−3	1.77E−2	3.52E−2
Th231	4.78E+1	4.78E+1	4.78E+1	4.79E+1	4.80E+1	4.83E+1	4.88E+1	5.03E+1	5.26E+1	5.63E+1	6.27E+1	6.62E+1	6.73E+1	6.73E+1	6.73E+1
Th234	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2
Pa233	5.62E+2	6.25E+2	7.37E+2	9.44E+2	1.40E+3	1.80E+3	2.06E+3	2.13E+3	2.12E+3	2.12E+3	2.10E+3	2.06E+3	2.00E+3	1.81E+3	1.54E+3
Pa234	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.66E−1	7.67E−1	7.67E−1
Pa234m	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2
U232	5.21E+1	3.91E+1	2.42E+1	9.23E+0	5.15E−1	5.01E−3	8.40E−4	8.24E−4	8.00E−4	7.53E−4	6.28E−4	4.65E−4	2.54E−4	4.17E−5	2.05E−6
U234	4.58E+2	8.78E+2	1.39E+3	1.97E+3	2.41E+3	2.46E+3	2.45E+3	2.44E+3	2.41E+3	2.36E+3	2.22E+3	2.00E+3	1.65E+3	1.04E+3	7.00E+2
U235	4.78E+1	4.78E+1	4.78E+1	4.79E+1	4.80E+1	4.83E+1	4.88E+1	5.03E+1	5.26E+1	5.63E+1	6.27E+1	6.62E+1	6.73E+1	6.73E+1	6.73E+1
U236	4.98E+2	4.98E+2	4.99E+2	5.02E+2	5.09E+2	5.20E+2	5.41E+2	5.91E+2	6.47E+2	6.98E+2	7.24E+2	7.24E+2	7.22E+2	7.16E+2	7.05E+2
U237	1.70E+3	4.01E+2	3.61E+1	3.05E−1	1.18E−2	1.13E−2	1.04E−2	8.16E−3	5.43E−3	2.40E−3	2.08E−4	3.52E−6	1.01E−9	0.00E+0	0.00E+0
U238	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2	5.90E+2
Np237	5.62E+2	6.25E+2	7.37E+2	9.44E+2	1.40E+3	1.80E+3	2.06E+3	2.13E+3	2.12E+3	2.12E+3	2.10E+3	2.06E+3	2.00E+3	1.81E+3	1.54E+3
Np238	1.20E+2	1.05E+2	8.32E+1	5.27E+1	1.34E+1	1.37E+0	1.44E−2	1.65E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	3.41E+4	3.40E+4	3.38E+4	3.35E+4	3.26E+4	3.11E+4	2.83E+4	2.14E+4	1.33E+4	5.22E+3	3.12E+2	2.85E+0	5.35E−4	2.93E−4	2.87E−4
Pu236	4.10E+0	3.64E−3	8.49E−4	8.49E−4	8.47E−4	8.44E−4	8.39E−4	8.24E−4	8.00E−4	7.53E−4	6.28E−4	4.65E−4	2.54E−4	4.17E−5	2.05E−6
Pu238	5.55E+6	4.38E+6	2.96E+6	1.35E+6	1.29E+5	2.93E+3	3.47E+0	6.46E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	5.62E+5	5.62E+5	5.61E+5	5.59E+5	5.55E+5	5.47E+5	5.33E+5	4.91E+5	4.27E+5	3.22E+5	1.37E+5	3.24E+4	1.82E+3	3.22E−1	2.87E−4
Pu240	8.15E+5	8.16E+5	8.13E+5	8.04E+5	7.79E+5	7.39E+5	6.65E+5	4.83E+5	2.85E+5	9.85E+4	4.09E+3	2.04E+1	1.19E−3	6.84E−4	6.81E−4
Pu241	6.92E+7	1.63E+7	1.47E+6	1.24E+4	4.81E+2	4.62E+2	4.26E+2	3.33E+2	2.22E+2	9.80E+1	8.49E+0	1.44E−1	4.13E−5	0.00E+0	0.00E+0
Pu242	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.36E+3	3.35E+3	3.33E+3	3.30E+3	3.25E+3	3.08E+3	2.81E+3	2.35E+3	1.37E+3	5.61E+2
Am241	5.46E+6	6.91E+6	6.85E+6	5.88E+6	3.63E+6	1.63E+6	3.28E+5	3.02E+3	2.23E+2	9.80E+1	8.49E+0	1.44E−1	4.35E−5	0.00E+0	0.00E+0
Am242	2.38E+4	2.08E+4	1.66E+4	1.05E+4	2.67E+3	2.73E+2	2.86E+0	3.28E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	2.40E+4	2.09E+4	1.66E+4	1.05E+4	2.69E+3	2.75E+2	2.87E+0	3.29E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	3.41E+4	3.40E+4	3.38E+4	3.35E+4	3.26E+4	3.11E+4	2.83E+4	2.14E+4	1.33E+4	5.22E+3	3.12E+2	2.85E+0	5.35E−4	2.93E−4	2.87E−4
Cm242	1.97E+4	1.72E+4	1.37E+4	8.68E+3	2.21E+3	2.26E+2	2.36E+0	2.72E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	3.05E+4	1.47E+4	4.36E+3	3.83E+2	2.60E−1	1.36E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	1.74E+6	5.51E+5	8.12E+4	1.77E+3	1.82E−2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	4.99E+2	4.98E+2	4.96E+2	4.92E+2	4.80E+2	4.61E+2	4.25E+2	3.33E+2	2.21E+2	9.79E+1	8.47E+0	1.44E−1	4.12E−5	0.00E+0	0.00E+0
Cm246	8.91E+1	8.87E+1	8.81E+1	8.68E+1	8.31E+1	7.72E+1	6.67E+1	4.30E+1	2.06E+1	4.77E+0	5.88E−2	3.88E−5	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	2.15E+5	4.00E+4	2.42E+3	8.82E+0	4.29E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	6.78E+1	6.78E+1	6.78E+1	6.77E+1	6.77E+1	6.77E+1	6.76E+1	6.74E+1	6.70E+1	6.63E+1	6.42E+1	6.09E+1	5.47E+1	3.98E+1	2.33E+1
Kr85	3.85E+6	5.57E+5	2.22E+4	3.54E+1	1.42E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	7.02E+7	3.41E+7	1.02E+7	9.14E+5	6.59E+2	3.82E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	7.02E+7	3.41E+7	1.02E+7	9.15E+5	6.59E+2	3.82E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.42E+3	3.41E+3	3.40E+3	3.39E+3	3.34E+3	3.27E+3	3.12E+3	2.72E+3	2.17E+3
Nb93m	2.36E+3	3.00E+3	3.22E+3	3.25E+3	3.25E+3	3.25E+3	3.25E+3	3.24E+3	3.23E+3	3.22E+3	3.18E+3	3.10E+3	2.97E+3	2.59E+3	2.06E+3
Tc99	2.49E+4	2.49E+4	2.49E+4	2.49E+4	2.48E+4	2.48E+4	2.47E+4	2.45E+4	2.41E+4	2.33E+4	2.11E+4	1.79E+4	1.29E+4	4.82E+3	9.32E+2
Ru106	1.44E+2	2.13E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Rh106	1.44E+2	2.13E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.99E+2	1.98E+2	1.97E+2	1.95E+2	1.89E+2	1.79E+2
Cd113m	1.46E+4	3.35E+3	2.86E+2	2.10E+0	8.28E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	2.37E+3	1.63E+3	8.67E+2	2.47E+2	5.68E+0	1.06E-2	3.67E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	3.06E+3	2.10E+3	1.12E+3	3.18E+2	7.32E+0	1.36E-2	4.73E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.21E+3	1.20E+3	1.18E+3	1.14E+3	1.06E+3	8.63E+2	6.10E+2	3.05E+2	3.81E+1	1.19E+0
Sb125	2.72E+4	1.45E+1	5.05E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	1.71E+2	1.71E+2	1.71E+2	1.71E+2	1.70E+2	1.70E+2	1.68E+2	1.65E+2	1.59E+2	1.49E+2	1.21E+2	8.54E+1	4.27E+1	5.34E+0	1.67E-1
Sb126m	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.22E+3	1.21E+3	1.20E+3	1.18E+3	1.14E+3	1.06E+3	8.63E+2	6.10E+2	3.05E+2	3.81E+1	1.19E+0
Te125m	1.01E+4	5.37E+0	1.88E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.93E+1	5.92E+1	5.91E+1	5.88E+1	5.80E+1	5.68E+1
Cs134	1.06E+5	4.49E+0	2.30E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.10E+3	1.09E+3	1.09E+3	1.08E+3	1.07E+3	1.03E+3	9.45E+2	8.13E+2
Cs137	1.03E+8	5.16E+7	1.63E+7	1.63E+6	1.61E+3	1.59E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	2.52E+1	3.49E+0	1.29E-1	1.78E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	9.76E+7	4.89E+7	1.54E+7	1.54E+6	1.53E+3	1.51E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	2.60E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	2.60E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	1.13E+2	2.63E+0	4.99E-3	1.80E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	4.44E+5	1.60E+2	2.93E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	4.37E+5	3.45E+5	2.34E+5	1.07E+5	1.03E+4	2.07E+2	8.36E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	1.75E+3	3.77E+2	2.92E+1	1.75E-1	3.76E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	1.40E+6	1.25E+5	2.20E+3	6.88E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	2.27E+5	2.87E+3	1.98E+0	9.36E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	4.00E+0	3.93E+0	3.82E+0	3.60E+0	3.03E+0	2.27E+0	1.28E+0	2.27E-1	1.28E-2	4.04E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														
Activ.	1.51E+4	8.98E+3	6.26E+3	3.21E+3	8.81E+2	6.13E+2	5.87E+2	5.37E+2	4.85E+2	4.36E+2	3.99E+2	3.74E+2	3.40E+2	2.85E+2	2.26E+2
Actin.	8.35E+7	2.97E+7	1.29E+7	8.71E+6	5.18E+6	2.99E+6	1.60E+6	1.03E+6	7.54E+5	4.49E+5	1.65E+5	6.37E+4	4.00E+4	3.69E+4	2.99E+4
FP	3.48E+8	1.70E+8	5.24E+7	5.14E+6	5.03E+4	3.57E+4	3.54E+4	3.51E+4	3.46E+4	3.36E+4	3.09E+4	2.70E+4	2.10E+4	1.14E+4	6.24E+3
All	4.31E+8	1.99E+8	6.53E+7	1.39E+7	5.23E+6	3.03E+6	1.63E+6	1.07E+6	7.89E+5	4.83E+5	1.97E+5	9.11E+4	6.13E+4	4.86E+4	3.63E+4

表 37　2 号機使用済燃料プール、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Cr51	7.00E+3	6.99E+3	6.98E+3	6.93E+3	6.83E+3	6.49E+3	5.45E+3	3.30E+3	7.37E+2	7.75E+1	7.53E-1	8.10E-5	0.00E+0	0.00E+0	0.00E+0
Mn54	3.32E+4	3.32E+4	3.32E+4	3.31E+4	3.31E+4	3.29E+4	3.24E+4	3.10E+4	2.72E+4	2.22E+4	1.48E+4	6.56E+3	5.77E+2	1.01E+1	3.05E-3
Fe55	4.17E+5	4.17E+5	4.17E+5	4.17E+5	4.17E+5	4.16E+5	4.14E+5	4.08E+5	3.91E+5	3.66E+5	3.20E+5	2.45E+5	1.10E+5	2.90E+4	2.02E+3
Fe59	6.60E+2	6.59E+2	6.59E+2	6.56E+2	6.50E+2	6.30E+2	5.66E+2	4.16E+2	1.65E+2	4.12E+1	2.38E+0	8.56E-3	0.00E+0	0.00E+0	0.00E+0

Co58	1.13E+4	1.13E+4	1.13E+4	1.13E+4	1.12E+4	1.10E+4	1.03E+4	8.43E+3	4.69E+3	1.94E+3	3.16E+2	8.84E+0	1.93E−4	0.00E+0	0.00E+0
Co60	5.74E+3	5.74E+3	5.74E+3	5.74E+3	5.74E+3	5.74E+3	5.72E+3	5.68E+3	5.56E+3	5.38E+3	5.04E+3	4.42E+3	2.98E+3	1.54E+3	4.14E+2
Ni63	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.99E+4	2.98E+4	2.98E+4	2.97E+4	2.96E+4	2.94E+4	2.88E+4	2.77E+4	2.57E+4
Sr89	1.65E+3	1.65E+3	1.65E+3	1.64E+3	1.63E+3	1.58E+3	1.44E+3	1.09E+3	4.80E+2	1.40E+2	1.10E+1	7.34E−2	2.18E−8	0.00E+0	0.00E+0
Y91	2.73E+3	2.72E+3	2.72E+3	2.71E+3	2.69E+3	2.63E+3	2.42E+3	1.91E+3	9.38E+2	3.23E+2	3.60E+1	4.75E−1	1.09E−6	0.00E+0	0.00E+0
Zr95	2.68E+6	2.68E+6	2.67E+6	2.67E+6	2.65E+6	2.59E+6	2.40E+6	1.93E+6	1.01E+6	3.81E+5	5.13E+4	9.83E+2	6.92E−3	0.00E+0	0.00E+0
Nb95	5.22E+6	5.22E+6	5.21E+6	5.20E+6	5.17E+6	5.07E+6	4.74E+6	3.89E+6	2.11E+6	8.21E+5	1.13E+5	2.24E+3	1.52E−2	0.00E+0	0.00E+0
Nb95m	2.55E+4	2.55E+4	2.55E+4	2.54E+4	2.53E+4	2.47E+4	2.29E+4	1.85E+4	9.64E+3	3.64E+3	4.89E+2	9.38E+0	6.60E−5	0.00E+0	0.00E+0
In113m	2.21E+5	2.21E+5	2.21E+5	2.21E+5	2.20E+5	2.17E+5	2.08E+5	1.85E+5	1.29E+5	7.49E+4	2.45E+4	2.72E+3	3.70E+0	6.18E−5	0.00E+0
In114m	1.53E+4	1.53E+4	1.53E+4	1.52E+4	1.51E+4	1.47E+4	1.33E+4	1.00E+4	4.34E+3	1.23E+3	9.20E+1	5.53E−1	1.21E−7	0.00E+0	0.00E+0
In114	1.48E+4	1.48E+4	1.48E+4	1.47E+4	1.46E+4	1.42E+4	1.29E+4	9.72E+3	4.19E+3	1.19E+3	8.90E+1	5.35E−1	1.17E−7	0.00E+0	0.00E+0
Sn113	2.21E+5	2.21E+5	2.21E+5	2.21E+5	2.20E+5	2.17E+5	2.08E+5	1.85E+5	1.29E+5	7.48E+4	2.45E+4	2.72E+3	3.69E+0	6.18E−5	0.00E+0
Sn119m	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.12E+6	1.11E+6	1.10E+6	1.05E+6	9.07E+5	7.33E+5	4.73E+5	1.99E+5	1.49E+4	1.99E+2	3.52E−2
Sn117m	2.24E+2	2.23E+2	2.22E+2	2.19E+2	2.13E+2	1.92E+2	1.34E+2	4.85E+1	2.28E+0	2.32E−2	1.84E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.42E+3	1.41E+3	1.39E+3	1.34E+3	1.26E+3	1.11E+3
Sn123	5.56E+4	5.56E+4	5.56E+4	5.55E+4	5.53E+4	5.47E+4	5.27E+4	4.73E+4	3.43E+4	2.12E+4	7.83E+3	1.10E+3	3.08E+0	1.71E−4	0.00E+0
Sn125	1.69E+0	1.69E+0	1.68E+0	1.64E+0	1.58E+0	1.36E+0	8.25E−1	1.96E−1	2.62E−3	4.06E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb124	1.38E+3	1.38E+3	1.37E+3	1.37E+3	1.36E+3	1.33E+3	1.23E+3	9.74E+2	4.88E+2	1.73E+2	2.05E+1	3.06E−1	1.01E−6	0.00E+0	0.00E+0
Sb125	1.20E+6	1.20E+6	1.20E+6	1.20E+6	1.20E+6	1.20E+6	1.19E+6	1.18E+6	1.13E+6	1.06E+6	9.34E+5	7.27E+5	3.42E+5	9.73E+4	7.88E+3
Te125m	4.44E+5	4.44E+5	4.44E+5	4.44E+5	4.43E+5	4.43E+5	4.41E+5	4.35E+5	4.18E+5	3.94E+5	3.47E+5	2.70E+5	1.27E+5	3.61E+4	2.93E+3
	Actinide														
U237	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.23E+4	1.22E+4	1.22E+4	1.21E+4	1.20E+4	1.17E+4	1.11E+4	9.64E+3	7.58E+3	4.68E+3
Np238	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.38E+2	2.37E+2	2.36E+2	2.33E+2	2.28E+2	2.17E+2
Np239	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5
Pu238	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.63E+7	1.62E+7	1.58E+7	1.52E+7	1.40E+7
Pu239	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6
Pu240	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.97E+6	1.97E+6	1.98E+6
Pu241	5.00E+8	5.00E+8	5.00E+8	5.00E+8	5.00E+8	5.00E+8	4.99E+8	4.98E+8	4.94E+8	4.88E+8	4.76E+8	4.54E+8	3.93E+8	3.09E+8	1.91E+8
Pu242	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4
Am241	3.94E+6	3.94E+6	3.94E+6	3.94E+6	3.94E+6	3.94E+6	3.96E+6	4.00E+6	4.13E+6	4.33E+6	4.71E+6	5.45E+6	7.45E+6	1.02E+7	1.39E+7
Am242	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.74E+4	4.73E+4	4.72E+4	4.70E+4	4.63E+4	4.53E+4	4.33E+4
Am242m	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.76E+4	4.75E+4	4.74E+4	4.72E+4	4.66E+4	4.55E+4	4.35E+4
Am243	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.12E+5
Cm242	3.47E+7	3.47E+7	3.47E+7	3.46E+7	3.45E+7	3.43E+7	3.33E+7	3.05E+7	2.37E+7	1.62E+7	7.38E+6	1.60E+6	5.32E+4	3.75E+4	3.58E+4
Cm243	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.07E+5	1.06E+5	1.05E+5	1.02E+5	9.49E+4	8.40E+4	6.59E+4
Cm244	1.36E+7	1.36E+7	1.36E+7	1.36E+7	1.36E+7	1.36E+7	1.36E+7	1.35E+7	1.35E+7	1.33E+7	1.31E+7	1.26E+7	1.12E+7	9.27E+6	6.32E+6
	FP														
H3	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.96E+6	1.95E+6	1.93E+6	1.91E+6	1.85E+6	1.75E+6	1.48E+6	1.12E+6	6.38E+5
Kr85	4.13E+7	4.13E+7	4.13E+7	4.13E+7	4.13E+7	4.13E+7	4.12E+7	4.11E+7	4.07E+7	4.00E+7	3.87E+7	3.63E+7	2.99E+7	2.17E+7	1.14E+7
Rb86	2.67E+3	2.67E+3	2.66E+3	2.63E+3	2.57E+3	2.39E+3	1.84E+3	8.75E+2	9.39E+1	3.30E+0	3.36E−3	4.23E−9	0.00E+0	0.00E+0	0.00E+0
Sr89	2.79E+7	2.79E+7	2.79E+7	2.78E+7	2.76E+7	2.68E+7	2.44E+7	1.85E+7	8.13E+6	2.37E+6	1.86E+5	1.24E+3	3.69E−4	0.00E+0	0.00E+0

Sr90	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.03E+8	3.02E+8	2.98E+8	2.91E+8	2.71E+8	2.40E+8	1.88E+8
Y89m	4.19E+3	4.19E+3	4.18E+3	4.17E+3	4.13E+3	4.02E+3	3.65E+3	2.78E+3	1.22E+3	3.55E+2	2.79E+1	1.86E-1	5.53E-8	0.00E+0	0.00E+0
Y90	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.05E+8	3.04E+8	3.02E+8	2.98E+8	2.91E+8	2.71E+8	2.40E+8	1.89E+8
Y91	5.20E+7	5.20E+7	5.20E+7	5.18E+7	5.14E+7	5.02E+7	4.62E+7	3.65E+7	1.79E+7	6.17E+6	6.87E+5	9.07E+3	2.09E-2	0.00E+0	0.00E+0
Zr93	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3
Zr95	9.30E+7	9.29E+7	9.28E+7	9.26E+7	9.20E+7	9.00E+7	8.34E+7	6.72E+7	3.51E+7	1.32E+7	1.78E+6	3.41E+4	2.40E-1	0.00E+0	0.00E+0
Nb95	1.82E+8	1.82E+8	1.81E+8	1.81E+8	1.80E+8	1.76E+8	1.65E+8	1.35E+8	7.34E+7	2.85E+7	3.91E+6	7.77E+4	5.30E-1	1.37E-9	0.00E+0
Nb95m	8.87E+5	8.86E+5	8.86E+5	8.83E+5	8.77E+5	8.58E+5	7.96E+5	6.41E+5	3.35E+5	1.26E+5	1.70E+4	3.26E+2	2.29E-3	0.00E+0	0.00E+0
Tc99	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4	6.21E+4
Ru103	3.06E+7	3.06E+7	3.06E+7	3.04E+7	3.01E+7	2.91E+7	2.57E+7	1.80E+7	6.25E+6	1.28E+6	4.85E+4	7.66E+1	3.04E-7	0.00E+0	0.00E+0
Ru106	3.95E+8	3.95E+8	3.95E+8	3.95E+8	3.94E+8	3.93E+8	3.88E+8	3.73E+8	3.34E+8	2.83E+8	2.01E+8	1.02E+8	1.33E+7	4.50E+5	5.15E+2
Rh102	2.44E+3	2.44E+3	2.44E+3	2.44E+3	2.43E+3	2.42E+3	2.36E+3	2.21E+3	1.81E+3	1.34E+3	7.19E+2	2.12E+2	5.42E+0	1.21E-2	5.94E-8
Rh103m	3.06E+7	3.06E+7	3.05E+7	3.04E+7	3.01E+7	2.90E+7	2.56E+7	1.80E+7	6.25E+6	1.27E+6	4.84E+4	7.66E+1	3.03E-7	0.00E+0	0.00E+0
Rh106	3.95E+8	3.95E+8	3.95E+8	3.95E+8	3.94E+8	3.93E+8	3.88E+8	3.73E+8	3.34E+8	2.83E+8	2.01E+8	1.02E+8	1.33E+7	4.50E+5	5.15E+2
Ag109m	1.64E+2	1.64E+2	1.64E+2	1.64E+2	1.64E+2	1.63E+2	1.62E+2	1.57E+2	1.43E+2	1.25E+2	9.49E+1	5.49E+1	1.06E+1	6.91E-1	2.91E-3
Ag110	4.44E+4	4.44E+4	4.44E+4	4.44E+4	4.43E+4	4.41E+4	4.32E+4	4.09E+4	3.46E+4	2.70E+4	1.61E+4	5.85E+3	2.80E+2	1.76E+0	6.97E-5
Ag110m	3.27E+6	3.27E+6	3.27E+6	3.26E+6	3.26E+6	3.24E+6	3.18E+6	3.01E+6	2.54E+6	1.98E+6	1.19E+6	4.30E+5	2.06E+4	1.29E+2	5.13E-3
Ag111	2.83E+0	2.82E+0	2.79E+0	2.72E+0	2.58E+0	2.14E+0	1.11E+0	1.73E-1	6.52E-4	1.51E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cd113m	1.19E+5	1.19E+5	1.19E+5	1.19E+5	1.19E+5	1.19E+5	1.19E+5	1.19E+5	1.18E+5	1.16E+5	1.13E+5	1.08E+5	9.31E+4	7.28E+4	4.45E+4
Cd115m	1.46E+4	1.45E+4	1.45E+4	1.45E+4	1.43E+4	1.39E+4	1.25E+4	9.13E+3	3.59E+3	8.85E+2	4.96E+1	1.69E-1	6.70E-9	0.00E+0	0.00E+0
In114	1.32E+2	1.32E+2	1.31E+2	1.31E+2	1.30E+2	1.26E+2	1.14E+2	8.65E+1	3.73E+1	1.06E+1	7.92E-1	4.77E-3	1.04E-9	0.00E+0	0.00E+0
In114m	1.36E+2	1.36E+2	1.36E+2	1.35E+2	1.34E+2	1.30E+2	1.18E+2	8.94E+1	3.86E+1	1.10E+1	8.19E-1	4.93E-3	1.07E-9	0.00E+0	0.00E+0
Sn117m	8.39E+0	8.37E+0	8.33E+0	8.21E+0	7.97E+0	7.20E+0	5.04E+0	1.82E+0	8.54E-2	8.69E-4	6.90E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn119m	2.56E+4	2.56E+4	2.56E+4	2.56E+4	2.56E+4	2.54E+4	2.50E+4	2.39E+4	2.07E+4	1.67E+4	1.08E+4	4.55E+3	3.41E+2	4.54E+0	8.03E-4
Sn121	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.42E+3	8.41E+3	8.41E+3	8.39E+3	8.37E+3	8.31E+3	8.21E+3	7.90E+3	7.42E+3	6.55E+3
Sn121m	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.07E+4	1.06E+4	1.02E+4	9.56E+3	8.44E+3
Sn123	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.20E+5	1.18E+5	1.14E+5	1.02E+5	7.41E+4	4.57E+4	1.69E+4	2.38E+3	6.66E+0	3.69E-4	0.00E+0
Sn125	8.39E+0	8.37E+0	8.32E+0	8.14E+0	7.81E+0	6.76E+0	4.09E+0	9.71E-1	1.30E-2	2.02E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3
Sb124	5.16E+4	5.16E+4	5.16E+4	5.14E+4	5.11E+4	4.99E+4	4.60E+4	3.66E+4	1.83E+4	6.50E+3	7.70E+2	1.15E+1	3.81E-5	0.00E+0	0.00E+0
Sb125	1.40E+7	1.40E+7	1.40E+7	1.39E+7	1.39E+7	1.39E+7	1.39E+7	1.37E+7	1.31E+7	1.23E+7	1.09E+7	8.44E+6	3.97E+6	1.13E+6	9.16E+4
Sb126	4.75E+2	4.75E+2	4.75E+2	4.75E+2	4.75E+2	4.73E+2	4.66E+2	4.55E+2	4.50E+2	4.50E+2	4.50E+2	4.50E+2	4.50E+2	4.50E+2	4.50E+2
Sb126m	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.21E+3
Te123m	2.02E+3	2.02E+3	2.02E+3	2.02E+3	2.01E+3	1.99E+3	1.91E+3	1.70E+3	1.20E+3	7.13E+2	2.44E+2	2.94E+1	5.16E-2	1.31E-6	0.00E+0
Te125m	5.16E+6	5.15E+6	5.15E+6	5.15E+6	5.15E+6	5.15E+6	5.12E+6	5.06E+6	4.86E+6	4.57E+6	4.03E+6	3.13E+6	1.47E+6	4.20E+5	3.40E+4
Te127	1.08E+6	1.08E+6	1.08E+6	1.07E+6	1.07E+6	1.06E+6	1.01E+6	8.89E+5	6.07E+5	3.43E+5	1.06E+5	1.03E+4	9.76E+0	8.85E-5	0.00E+0
Te127m	1.10E+6	1.10E+6	1.10E+6	1.10E+6	1.09E+6	1.08E+6	1.03E+6	9.08E+5	6.20E+5	3.50E+5	1.08E+5	1.06E+4	9.97E+0	9.04E-5	0.00E+0
Te129	2.38E+5	2.38E+5	2.38E+5	2.36E+5	2.33E+5	2.24E+5	1.94E+5	1.28E+5	3.72E+4	5.81E+3	1.27E+2	6.79E-2	0.00E+0	0.00E+0	0.00E+0
Te129m	3.72E+5	3.71E+5	3.71E+5	3.69E+5	3.64E+5	3.49E+5	3.02E+5	2.00E+5	5.81E+4	9.07E+3	1.99E+2	1.06E-1	0.00E+0	0.00E+0	0.00E+0
I131	1.25E+2	1.24E+2	1.23E+2	1.20E+2	1.14E+2	9.61E+1	5.25E+1	9.32E+0	5.22E-2	2.19E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Xe131m	5.52E+2	5.50E+2	5.48E+2	5.38E+2	5.20E+2	4.63E+2	3.08E+2	9.55E+1	2.85E+0	1.47E-2	2.87E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Xe133	9.35E-2	9.30E-2	9.20E-2	8.85E-2	8.19E-2	6.29E-2	2.49E-2	1.77E-3	6.36E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs134	2.90E+8	2.90E+8	2.90E+8	2.90E+8	2.90E+8	2.89E+8	2.87E+8	2.82E+8	2.67E+8	2.46E+8	2.07E+8	1.48E+8	5.41E+7	1.01E+7	3.52E+5
Cs136	3.41E+3	3.40E+3	3.39E+3	3.34E+3	3.23E+3	2.91E+3	2.01E+3	7.02E+2	2.98E+1	2.60E-1	1.50E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs137	4.48E+8	4.48E+8	4.48E+8	4.48E+8	4.48E+8	4.48E+8	4.48E+8	4.48E+8	4.46E+8	4.43E+8	4.38E+8	4.28E+8	4.00E+8	3.56E+8	2.83E+8
Ba136m	5.45E+2	5.44E+2	5.42E+2	5.34E+2	5.17E+2	4.66E+2	3.22E+2	1.12E+2	4.76E+0	4.16E-2	2.41E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	4.25E+8	4.25E+8	4.25E+8	4.25E+8	4.25E+8	4.25E+8	4.24E+8	4.24E+8	4.22E+8	4.20E+8	4.15E+8	4.05E+8	3.78E+8	3.37E+8	2.68E+8
Ba140	5.63E+4	5.62E+4	5.59E+4	5.50E+4	5.33E+4	4.78E+4	3.27E+4	1.10E+4	4.23E+2	3.18E+0	1.35E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0
La140	6.48E+4	6.47E+4	6.44E+4	6.34E+4	6.14E+4	5.51E+4	3.77E+4	1.27E+4	4.87E+2	3.66E+0	1.55E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce139	5.10E+3	5.09E+3	5.09E+3	5.09E+3	5.07E+3	5.02E+3	4.85E+3	4.38E+3	3.24E+3	2.06E+3	8.10E+2	1.29E+2	5.15E-1	5.22E-5	0.00E+0
Ce141	1.53E+7	1.53E+7	1.53E+7	1.52E+7	1.50E+7	1.44E+7	1.24E+7	8.07E+6	2.24E+6	3.29E+5	6.33E+3	2.62E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	4.90E+8	4.90E+8	4.90E+8	4.90E+8	4.89E+8	4.87E+8	4.78E+8	4.56E+8	3.94E+8	3.16E+8	2.02E+8	8.29E+7	5.77E+6	6.79E+4	9.40E+0
Pr143	9.27E+4	9.25E+4	9.21E+4	9.07E+4	8.81E+4	7.95E+4	5.56E+4	2.00E+4	9.36E+2	9.46E+0	7.39E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	4.90E+8	4.90E+8	4.89E+8	4.90E+8	4.89E+8	4.87E+8	4.78E+8	4.56E+8	3.94E+8	3.16E+8	2.02E+8	8.29E+7	5.77E+6	6.79E+4	9.40E+0
Pr144m	7.40E+6	7.40E+6	7.40E+6	7.39E+6	7.38E+6	7.35E+6	7.22E+6	6.88E+6	5.95E+6	4.78E+6	3.04E+6	1.25E+6	8.71E+4	1.03E+3	1.42E-1
Nd147	4.52E+3	4.50E+3	4.48E+3	4.40E+3	4.24E+3	3.74E+3	2.40E+3	6.80E+2	1.54E+1	5.25E-2	4.38E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	5.52E+3	5.52E+3	5.52E+3	5.52E+3	5.52E+3	5.52E+3	5.50E+3	5.47E+3	5.36E+3	5.19E+3	4.87E+3	4.30E+3	2.95E+3	1.58E+3	4.50E+2
Pm147	2.60E+8	2.60E+8	2.60E+8	2.60E+8	2.60E+8	2.59E+8	2.58E+8	2.54E+8	2.44E+8	2.28E+8	2.00E+8	1.53E+8	6.94E+7	1.85E+7	1.32E+6
Pm148	3.77E+4	3.77E+4	3.76E+4	3.74E+4	3.71E+4	3.59E+4	3.19E+4	2.28E+4	8.33E+3	1.84E+3	8.19E+1	1.78E-1	1.82E-9	0.00E+0	0.00E+0
Pm148m	7.13E+5	7.13E+5	7.12E+5	7.08E+5	7.01E+5	6.78E+5	6.03E+5	4.31E+5	1.57E+5	3.47E+4	1.55E+3	3.36E+0	3.44E-8	0.00E+0	0.00E+0
Sm151	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.18E+6	1.17E+6	1.17E+6	1.17E+6	1.16E+6	1.13E+6	1.09E+6	1.01E+6
Eu152	9.58E+3	9.58E+3	9.57E+3	9.57E+3	9.57E+3	9.57E+3	9.56E+3	9.53E+3	9.46E+3	9.34E+3	9.10E+3	8.64E+3	7.41E+3	5.74E+3	3.44E+3
Eu154	1.98E+7	1.98E+7	1.98E+7	1.98E+7	1.98E+7	1.98E+7	1.98E+7	1.97E+7	1.94E+7	1.91E+7	1.83E+7	1.69E+7	1.32E+7	8.85E+6	3.95E+6
Eu155	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.15E+7	1.12E+7	1.08E+7	1.00E+7	8.68E+6	5.61E+6	2.71E+6	6.31E+5
Eu156	5.25E+4	5.24E+4	5.22E+4	5.16E+4	5.02E+4	4.58E+4	3.33E+4	1.34E+4	8.64E+2	1.42E+1	3.02E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd153	3.68E+4	3.68E+4	3.68E+4	3.68E+4	3.67E+4	3.65E+4	3.58E+4	3.38E+4	2.84E+4	2.20E+4	1.29E+4	4.53E+3	1.95E+2	1.03E+0	2.90E-5
Tb160	1.15E+5	1.15E+5	1.15E+5	1.14E+5	1.14E+5	1.12E+5	1.04E+5	8.62E+4	4.85E+4	2.05E+4	3.46E+3	1.04E+2	2.86E-3	0.00E+0	0.00E+0
	Total														
Activ.	1.17E+7	1.17E+7	1.17E+7	1.17E+7	1.16E+7	1.15E+7	1.09E+7	9.43E+6	6.35E+6	4.00E+6	2.35E+6	1.50E+6	6.30E+5	1.96E+5	4.30E+4
Actin.	5.72E+8	5.72E+8	5.72E+8	5.72E+8	5.72E+8	5.71E+8	5.70E+8	5.66E+8	5.55E+8	5.42E+8	5.21E+8	4.93E+8	4.31E+8	3.47E+8	2.29E+8
FP	4.35E+9	4.35E+9	4.34E+9	4.34E+9	4.34E+9	4.32E+9	4.25E+9	4.08E+9	3.69E+9	3.29E+9	2.76E+9	2.16E+9	1.54E+9	1.24E+9	9.47E+8
All	4.93E+9	4.93E+9	4.93E+9	4.93E+9	4.92E+9	4.90E+9	4.83E+9	4.66E+9	4.26E+9	3.84E+9	3.28E+9	2.66E+9	1.97E+9	1.59E+9	1.18E+9

表 38　2 号機使用済燃料プール、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	5.11E+2	5.09E+2	5.06E+2	5.00E+2	4.82E+2	4.54E+2	4.02E+2	2.80E+2	1.53E+2	4.56E+1	1.21E+0	2.85E-3	1.59E-8	0.00E+0	0.00E+0
Fe55	2.02E+3	6.78E-1	1.10E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	4.14E+2	8.00E+0	1.12E-2	2.17E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Ni59	1.95E+2	1.95E+2	1.95E+2	1.95E+2	1.95E+2	1.94E+2	1.92E+2	1.87E+2	1.79E+2	1.64E+2	1.27E+2	8.21E+1	3.45E+1	2.57E+0	3.37E-2
Ni63	2.57E+4	2.05E+4	1.41E+4	6.62E+3	6.90E+2	1.60E+1	8.53E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	4.77E+2	4.77E+2	4.77E+2	4.76E+2	4.76E+2	4.76E+2	4.76E+2	4.75E+2	4.74E+2	4.72E+2	4.66E+2	4.55E+2	4.35E+2	3.79E+2	3.02E+2
Nb93m	3.08E+2	4.13E+2	4.48E+2	4.53E+2	4.53E+2	4.53E+2	4.52E+2	4.52E+2	4.51E+2	4.49E+2	4.43E+2	4.33E+2	4.13E+2	3.60E+2	2.87E+2
Sn121	1.11E+3	7.60E+2	4.05E+2	1.15E+2	2.65E+0	4.94E-3	1.71E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	1.43E+3	9.79E+2	5.22E+2	1.49E+2	3.42E+0	6.36E-3	2.21E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	7.88E+3	4.19E+0	1.46E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	2.93E+3	1.56E+0	5.43E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	5.56E+1	4.21E+1	2.60E+1	9.93E+0	5.54E-1	5.35E-3	8.83E-4	9.38E-4	1.04E-3	1.28E-3	2.05E-3	3.40E-3	6.21E-3	1.50E-2	2.98E-2
Pb212	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Bi212	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Po212	9.92E+1	7.51E+1	4.64E+1	1.77E+1	9.87E-1	9.53E-3	1.57E-3	1.67E-3	1.86E-3	2.28E-3	3.66E-3	6.07E-3	1.11E-2	2.68E-2	5.32E-2
Po216	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Rn220	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Ra224	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Th228	1.55E+2	1.17E+2	7.24E+1	2.76E+1	1.54E+0	1.49E-2	2.46E-3	2.61E-3	2.90E-3	3.56E-3	5.71E-3	9.47E-3	1.73E-2	4.18E-2	8.30E-2
Th231	5.72E+1	5.72E+1	5.72E+1	5.74E+1	5.77E+1	5.83E+1	5.94E+1	6.27E+1	6.76E+1	7.55E+1	8.95E+1	9.72E+1	9.95E+1	9.96E+1	9.96E+1
Th234	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3
Pa233	1.49E+3	1.65E+3	1.95E+3	2.49E+3	3.67E+3	4.73E+3	5.41E+3	5.58E+3	5.58E+3	5.56E+3	5.51E+3	5.42E+3	5.25E+3	4.76E+3	4.05E+3
Pa234	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0	1.52E+0
Pa234m	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3
U232	1.52E+2	1.14E+2	7.05E+1	2.69E+1	1.50E+0	1.45E-2	2.34E-3	2.29E-3	2.23E-3	2.10E-3	1.75E-3	1.29E-3	7.08E-4	1.16E-4	5.70E-6
U234	1.12E+3	2.19E+3	3.48E+3	4.95E+3	6.06E+3	6.17E+3	6.16E+3	6.11E+3	6.04E+3	5.91E+3	5.52E+3	4.95E+3	4.01E+3	2.39E+3	1.46E+3
U235	5.72E+1	5.72E+1	5.72E+1	5.74E+1	5.77E+1	5.83E+1	5.94E+1	6.27E+1	6.76E+1	7.55E+1	8.95E+1	9.72E+1	9.95E+1	9.96E+1	9.96E+1
U236	1.16E+3	1.16E+3	1.16E+3	1.17E+3	1.18E+3	1.21E+3	1.26E+3	1.38E+3	1.52E+3	1.64E+3	1.71E+3	1.71E+3	1.70E+3	1.69E+3	1.66E+3
U237	4.68E+3	1.10E+3	9.96E+1	8.55E-1	4.58E-2	4.40E-2	4.05E-2	3.17E-2	2.11E-2	9.34E-3	8.08E-4	1.37E-5	3.93E-9	0.00E+0	0.00E+0
U238	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3	1.17E+3
Np237	1.49E+3	1.65E+3	1.95E+3	2.49E+3	3.67E+3	4.73E+3	5.41E+3	5.58E+3	5.58E+3	5.56E+3	5.51E+3	5.42E+3	5.25E+3	4.76E+3	4.05E+3
Np238	2.17E+2	1.90E+2	1.51E+2	9.57E+1	2.44E+1	2.49E+0	2.61E-2	2.99E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	1.12E+5	1.12E+5	1.11E+5	1.10E+5	1.07E+5	1.02E+5	9.28E+4	7.00E+4	4.38E+4	1.71E+4	1.02E+3	9.34E+0	2.17E-3	1.38E-3	1.35E-3
Pu236	1.31E+1	1.13E-2	2.36E-3	2.36E-3	2.36E-3	2.35E-3	2.34E-3	2.29E-3	2.23E-3	2.10E-3	1.75E-3	1.29E-3	7.08E-4	1.16E-4	5.70E-6
Pu238	1.40E+7	1.11E+7	7.47E+6	3.40E+6	3.24E+5	7.04E+3	6.93E+0	1.17E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	1.21E+6	1.21E+6	1.21E+6	1.20E+6	1.19E+6	1.18E+6	1.15E+6	1.06E+6	9.24E+5	7.00E+5	2.98E+5	7.06E+4	3.96E+3	7.01E-1	1.35E-3
Pu240	1.98E+6	1.98E+6	1.98E+6	1.96E+6	1.89E+6	1.80E+6	1.62E+6	1.18E+6	6.92E+5	2.40E+5	9.96E+3	4.96E+1	3.80E-3	2.56E-3	2.56E-3
Pu241	1.91E+8	4.50E+7	4.06E+6	3.48E+4	1.87E+3	1.79E+3	1.65E+3	1.30E+3	8.61E+2	3.81E+2	3.30E+1	5.59E-1	1.60E-4	0.00E+0	0.00E+0
Pu242	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.02E+4	1.01E+4	1.00E+4	9.85E+3	9.34E+3	8.54E+3	7.14E+3	4.17E+3	1.70E+3
Am241	1.39E+7	1.80E+7	1.79E+7	1.54E+7	9.49E+6	4.26E+6	8.58E+5	8.32E+3	8.64E+2	3.81E+2	3.30E+1	5.59E-1	1.69E-4	0.00E+0	0.00E+0
Am242	4.33E+4	3.77E+4	3.00E+4	1.90E+4	4.85E+3	4.96E+2	5.19E+0	5.94E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	4.35E+4	3.79E+4	3.02E+4	1.91E+4	4.87E+3	4.98E+2	5.22E+0	5.97E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	1.12E+5	1.12E+5	1.11E+5	1.10E+5	1.07E+5	1.02E+5	9.28E+4	7.00E+4	4.38E+4	1.71E+4	1.02E+3	9.34E+0	2.17E-3	1.38E-3	1.35E-3

Cm242	3.58E+4	3.12E+4	2.48E+4	1.57E+4	4.01E+3	4.10E+2	4.29E+0	4.93E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	6.59E+4	3.18E+4	9.41E+3	8.27E+2	5.61E-1	2.94E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	6.32E+6	2.00E+6	2.96E+5	6.44E+3	6.64E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	1.94E+3	1.94E+3	1.93E+3	1.91E+3	1.87E+3	1.79E+3	1.65E+3	1.29E+3	8.60E+2	3.80E+2	3.29E+1	5.58E-1	1.60E-4	0.00E+0	0.00E+0
Cm246	3.85E+2	3.83E+2	3.80E+2	3.75E+2	3.59E+2	3.33E+2	2.88E+2	1.85E+2	8.92E+1	2.06E+1	2.54E-1	1.67E-4	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	6.38E+5	1.18E+5	7.16E+3	2.61E+1	1.27E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	1.68E+2	1.67E+2	1.67E+2	1.67E+2	1.67E+2	1.67E+2	1.67E+2	1.67E+2	1.66E+2	1.64E+2	1.59E+2	1.51E+2	1.35E+2	9.83E+1	5.77E+1
Kr85	1.14E+7	1.65E+6	6.56E+4	1.04E+2	4.19E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	1.88E+8	9.14E+7	2.74E+7	2.45E+6	1.77E+3	1.03E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	1.89E+8	9.14E+7	2.74E+7	2.45E+6	1.77E+3	1.03E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.49E+3	8.48E+3	8.47E+3	8.45E+3	8.42E+3	8.30E+3	8.11E+3	7.75E+3	6.76E+3	5.38E+3
Nb93m	5.55E+3	7.37E+3	7.99E+3	8.07E+3	8.07E+3	8.06E+3	8.06E+3	8.05E+3	8.03E+3	7.99E+3	7.89E+3	7.71E+3	7.36E+3	6.42E+3	5.11E+3
Tc99	6.21E+4	6.21E+4	6.21E+4	6.20E+4	6.20E+4	6.19E+4	6.17E+4	6.11E+4	6.01E+4	5.81E+4	5.27E+4	4.47E+4	3.22E+4	1.20E+4	2.33E+3
Ru106	5.15E+2	7.64E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	5.15E+2	7.64E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.51E+2	5.50E+2	5.48E+2	5.45E+2	5.40E+2	5.23E+2	4.95E+2
Cd113m	4.45E+4	1.02E+4	8.73E+2	6.40E+0	2.52E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	6.55E+3	4.49E+3	2.39E+3	6.81E+2	1.57E+1	2.92E-2	1.01E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	8.44E+3	5.78E+3	3.09E+3	8.78E+2	2.02E+1	3.76E-2	1.30E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.20E+3	3.19E+3	3.17E+3	3.10E+3	3.00E+3	2.80E+3	2.27E+3	1.61E+3	8.04E+2	1.00E+2	3.14E+0
Sb125	9.16E+4	4.87E+1	1.70E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	4.50E+2	4.50E+2	4.50E+2	4.49E+2	4.48E+2	4.47E+2	4.44E+2	4.35E+2	4.20E+2	3.92E+2	3.18E+2	2.25E+2	1.13E+2	1.41E+1	4.40E-1
Sb126m	3.21E+3	3.21E+3	3.21E+3	3.21E+3	3.20E+3	3.19E+3	3.17E+3	3.10E+3	3.00E+3	2.80E+3	2.27E+3	1.61E+3	8.04E+2	1.00E+2	3.14E+0
Te125m	3.40E+4	1.81E+1	6.31E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.52E+2	1.51E+2	1.51E+2	1.49E+2	1.45E+2
Cs134	3.52E+5	1.49E+1	7.64E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.54E+3	2.53E+3	2.51E+3	2.47E+3	2.40E+3	2.19E+3	1.89E+3
Cs137	2.83E+8	1.42E+8	4.47E+7	4.46E+6	4.43E+3	4.37E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	6.43E+1	8.91E+0	3.30E-1	4.55E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	2.68E+8	1.34E+8	4.23E+7	4.22E+6	4.19E+3	4.14E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	9.40E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	9.40E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	4.50E+2	1.05E+1	1.99E-2	7.15E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	1.32E+6	4.76E+2	8.72E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	1.01E+6	7.96E+5	5.39E+5	2.47E+5	2.37E+4	4.76E+2	1.93E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	3.44E+3	7.41E+2	5.73E+1	3.43E-1	7.37E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	3.95E+6	3.50E+5	6.19E+3	1.93E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	6.31E+5	7.99E+3	5.50E+0	2.60E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	1.35E+1	1.33E+1	1.29E+1	1.22E+1	1.02E+1	7.67E+0	4.32E+0	7.67E-1	4.32E-2	1.36E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														

Activ.	4.30E+4	2.38E+4	1.66E+4	8.51E+3	2.30E+3	1.59E+3	1.52E+3	1.39E+3	1.26E+3	1.13E+3	1.04E+3	9.70E+2	8.83E+2	7.42E+2	5.89E+2
Actin.	2.29E+8	7.97E+7	3.32E+7	2.23E+7	1.32E+7	7.48E+6	3.84E+6	2.42E+6	1.74E+6	1.02E+6	3.71E+5	1.50E+5	1.00E+5	9.14E+4	7.24E+4
FP	9.47E+8	4.62E+8	1.43E+8	1.39E+7	1.25E+5	8.92E+4	8.84E+4	8.76E+4	8.64E+4	8.39E+4	7.71E+4	6.73E+4	5.22E+4	2.84E+4	1.54E+4
All	1.18E+9	5.41E+8	1.76E+8	3.62E+7	1.33E+7	7.57E+6	3.93E+6	2.51E+6	1.83E+6	1.10E+6	4.49E+5	2.18E+5	1.53E+5	1.21E+5	8.84E+4

表 39　3 号機使用済燃料プール、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Cr51	1.30E+3	1.30E+3	1.30E+3	1.29E+3	1.27E+3	1.21E+3	1.01E+3	6.15E+2	1.37E+2	1.44E+1	1.40E−1	1.51E−5	0.00E+0	0.00E+0	0.00E+0
Mn54	3.69E+4	3.69E+4	3.69E+4	3.69E+4	3.68E+4	3.67E+4	3.61E+4	3.45E+4	3.02E+4	2.48E+4	1.64E+4	7.30E+3	6.42E+2	1.12E+1	3.39E−3
Fe55	4.26E+5	4.26E+5	4.26E+5	4.25E+5	4.25E+5	4.25E+5	4.23E+5	4.16E+5	3.99E+5	3.73E+5	3.26E+5	2.50E+5	1.12E+5	2.96E+4	2.06E+3
Fe59	2.96E+2	2.96E+2	2.95E+2	2.94E+2	2.91E+2	2.83E+2	2.54E+2	1.86E+2	7.40E+1	1.85E+1	1.07E+0	3.84E−3	0.00E+0	0.00E+0	0.00E+0
Co58	7.34E+3	7.33E+3	7.33E+3	7.31E+3	7.27E+3	7.13E+3	6.65E+3	5.47E+3	3.04E+3	1.26E+3	2.05E+2	5.73E+0	1.25E−4	0.00E+0	0.00E+0
Co60	5.61E+3	5.61E+3	5.61E+3	5.61E+3	5.61E+3	5.61E+3	5.59E+3	5.55E+3	5.44E+3	5.26E+3	4.92E+3	4.32E+3	2.91E+3	1.51E+3	4.04E+2
Ni63	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.52E+4	2.51E+4	2.49E+4	2.43E+4	2.34E+4	2.17E+4
Sr89	8.63E+2	8.63E+2	8.62E+2	8.58E+2	8.52E+2	8.29E+2	7.53E+2	5.72E+2	2.51E+2	7.31E+1	5.76E+0	3.84E−2	1.14E−8	0.00E+0	0.00E+0
Y91	1.67E+3	1.67E+3	1.67E+3	1.67E+3	1.66E+3	1.62E+3	1.49E+3	1.17E+3	5.77E+2	1.99E+2	2.21E+1	2.92E−1	6.72E−7	0.00E+0	0.00E+0
Zr95	1.79E+6	1.79E+6	1.79E+6	1.78E+6	1.77E+6	1.73E+6	1.61E+6	1.29E+6	6.75E+5	2.55E+5	3.43E+4	6.57E+2	4.62E−3	0.00E+0	0.00E+0
Nb95	3.74E+6	3.74E+6	3.73E+6	3.72E+6	3.70E+6	3.62E+6	3.37E+6	2.74E+6	1.45E+6	5.56E+5	7.54E+4	1.50E+3	1.02E−2	0.00E+0	0.00E+0
Nb95m	1.71E+4	1.71E+4	1.70E+4	1.70E+4	1.69E+4	1.65E+4	1.53E+4	1.23E+4	6.44E+3	2.43E+3	3.27E+2	6.27E+0	4.41E−5	0.00E+0	0.00E+0
In113m	2.11E+5	2.11E+5	2.11E+5	2.11E+5	2.10E+5	2.07E+5	1.99E+5	1.76E+5	1.23E+5	7.14E+4	2.34E+4	2.59E+3	3.54E+0	5.92E−5	0.00E+0
In114m	7.33E+3	7.32E+3	7.31E+3	7.28E+3	7.22E+3	7.02E+3	6.37E+3	4.81E+3	2.08E+3	5.90E+2	4.41E+1	2.65E−1	5.78E−8	0.00E+0	0.00E+0
In114	7.09E+3	7.08E+3	7.08E+3	7.05E+3	6.99E+3	6.80E+3	6.16E+3	4.66E+3	2.01E+3	5.70E+2	4.26E+1	2.57E−1	5.59E−8	0.00E+0	0.00E+0
Sn113	2.11E+5	2.11E+5	2.11E+5	2.11E+5	2.10E+5	2.07E+5	1.99E+5	1.76E+5	1.23E+5	7.14E+4	2.34E+4	2.59E+3	3.54E+0	5.91E−5	0.00E+0
Sn119m	1.25E+6	1.25E+6	1.25E+6	1.25E+6	1.24E+6	1.24E+6	1.22E+6	1.16E+6	1.01E+6	8.15E+5	5.26E+5	2.22E+5	1.66E+4	2.21E+2	3.91E−2
Sn117m	3.77E+0	3.76E+0	3.74E+0	3.69E+0	3.58E+0	3.23E+0	2.26E+0	8.17E−1	3.84E−2	3.91E−4	3.10E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	1.21E+3	1.21E+3	1.21E+3	1.21E+3	1.21E+3	1.21E+3	1.21E+3	1.21E+3	1.20E+3	1.20E+3	1.19E+3	1.18E+3	1.13E+3	1.06E+3	9.39E+2
Sn123	5.51E+4	5.51E+4	5.50E+4	5.49E+4	5.48E+4	5.42E+4	5.22E+4	4.69E+4	3.40E+4	2.10E+4	7.76E+3	1.09E+3	3.05E+0	1.69E−4	0.00E+0
Sn125	4.31E−3	4.30E−3	4.27E−3	4.18E−3	4.01E−3	3.47E−3	2.10E−3	4.98E−4	6.67E−6	1.04E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb124	8.10E+2	8.10E+2	8.09E+2	8.06E+2	8.01E+2	7.82E+2	7.22E+2	5.73E+2	2.87E+2	1.02E+2	1.21E+1	1.80E−1	5.97E−7	0.00E+0	0.00E+0
Sb125	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.21E+6	1.19E+6	1.14E+6	1.07E+6	9.45E+5	7.35E+5	3.46E+5	9.84E+4	7.97E+3
Te125m	4.49E+5	4.49E+5	4.49E+5	4.49E+5	4.49E+5	4.49E+5	4.46E+5	4.41E+5	4.23E+5	3.98E+5	3.51E+5	2.73E+5	1.28E+5	3.65E+4	2.96E+3
	Actinide														
U237	9.95E+3	9.95E+3	9.95E+3	9.95E+3	9.94E+3	9.94E+3	9.93E+3	9.91E+3	9.83E+3	9.71E+3	9.48E+3	9.03E+3	7.82E+3	6.15E+3	3.80E+3
Np238	1.57E+2	1.57E+2	1.57E+2	1.57E+2	1.57E+2	1.57E+2	1.57E+2	1.57E+2	1.56E+2	1.56E+2	1.56E+2	1.55E+2	1.53E+2	1.50E+2	1.43E+2
Np239	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.60E+4

Pu238	1.22E+7	1.22E+7	1.22E+7	1.22E+7	1.22E+7	1.22E+7	1.22E+7	1.23E+7	1.23E+7	1.23E+7	1.23E+7	1.22E+7	1.19E+7	1.14E+7	1.06E+7
Pu239	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.05E+6
Pu240	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.80E+6	1.81E+6	1.81E+6	1.81E+6
Pu241	4.05E+8	4.05E+8	4.05E+8	4.05E+8	4.05E+8	4.05E+8	4.05E+8	4.04E+8	4.01E+8	3.96E+8	3.86E+8	3.68E+8	3.19E+8	2.51E+8	1.55E+8
Pu242	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.22E+3
Am241	2.97E+6	2.97E+6	2.97E+6	2.97E+6	2.97E+6	2.97E+6	2.98E+6	3.02E+6	3.12E+6	3.28E+6	3.59E+6	4.19E+6	5.82E+6	8.03E+6	1.11E+7
Am242	3.12E+4	3.12E+4	3.12E+4	3.12E+4	3.12E+4	3.12E+4	3.12E+4	3.12E+4	3.11E+4	3.11E+4	3.10E+4	3.09E+4	3.05E+4	2.98E+4	2.85E+4
Am242m	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.13E+4	3.12E+4	3.10E+4	3.06E+4	2.99E+4	2.86E+4
Am243	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.61E+4	8.60E+4
Cm242	2.80E+7	2.80E+7	2.80E+7	2.80E+7	2.79E+7	2.77E+7	2.69E+7	2.47E+7	1.91E+7	1.31E+7	5.96E+6	1.28E+6	3.72E+4	2.46E+4	2.35E+4
Cm243	8.22E+4	8.22E+4	8.22E+4	8.22E+4	8.22E+4	8.22E+4	8.21E+4	8.20E+4	8.17E+4	8.12E+4	8.02E+4	7.83E+4	7.28E+4	6.44E+4	5.05E+4
Cm244	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.04E+7	1.04E+7	1.03E+7	1.01E+7	9.69E+6	8.64E+6	7.14E+6	4.87E+6
	FP														
H3	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.74E+6	1.73E+6	1.73E+6	1.71E+6	1.69E+6	1.64E+6	1.55E+6	1.31E+6	9.91E+5	5.65E+5
Kr85	3.74E+7	3.74E+7	3.74E+7	3.74E+7	3.74E+7	3.74E+7	3.74E+7	3.72E+7	3.68E+7	3.63E+7	3.51E+7	3.29E+7	2.71E+7	1.97E+7	1.03E+7
Rb86	1.56E+2	1.56E+2	1.55E+2	1.54E+2	1.50E+2	1.40E+2	1.08E+2	5.11E+1	5.49E+0	1.93E-1	1.96E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr89	1.53E+7	1.53E+7	1.53E+7	1.52E+7	1.51E+7	1.47E+7	1.33E+7	1.01E+7	4.45E+6	1.30E+6	1.02E+5	6.81E+2	2.02E-4	0.00E+0	0.00E+0
Sr90	2.66E+8	2.66E+8	2.66E+8	2.66E+8	2.66E+8	2.66E+8	2.66E+8	2.66E+8	2.65E+8	2.63E+8	2.60E+8	2.54E+8	2.36E+8	2.09E+8	1.64E+8
Y89m	2.30E+3	2.29E+3	2.29E+3	2.28E+3	2.26E+3	2.20E+3	2.00E+3	1.52E+3	6.68E+2	1.94E+2	1.53E+1	1.02E-1	3.03E-8	0.00E+0	0.00E+0
Y90	2.67E+8	2.67E+8	2.67E+8	2.67E+8	2.67E+8	2.66E+8	2.66E+8	2.66E+8	2.65E+8	2.63E+8	2.60E+8	2.54E+8	2.36E+8	2.09E+8	1.65E+8
Y91	3.33E+7	3.33E+7	3.33E+7	3.32E+7	3.30E+7	3.22E+7	2.96E+7	2.34E+7	1.15E+7	3.95E+6	4.40E+5	5.81E+3	1.34E-2	0.00E+0	0.00E+0
Zr93	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3	7.24E+3
Zr95	6.41E+7	6.40E+7	6.40E+7	6.38E+7	6.34E+7	6.20E+7	5.75E+7	4.63E+7	2.42E+7	9.12E+6	1.23E+6	2.35E+4	1.65E-1	0.00E+0	0.00E+0
Nb95	1.34E+8	1.34E+8	1.34E+8	1.33E+8	1.33E+8	1.30E+8	1.21E+8	9.80E+7	5.21E+7	1.99E+7	2.70E+6	5.35E+4	3.65E-1	0.00E+0	0.00E+0
Nb95m	6.11E+5	6.11E+5	6.10E+5	6.08E+5	6.04E+5	5.91E+5	5.48E+5	4.41E+5	2.31E+5	8.70E+4	1.17E+4	2.24E+2	1.58E-3	0.00E+0	0.00E+0
Tc99	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.28E+4
Ru103	1.14E+7	1.14E+7	1.13E+7	1.13E+7	1.12E+7	1.08E+7	9.53E+6	6.69E+6	2.32E+6	4.74E+5	1.80E+4	2.85E+1	1.13E-7	0.00E+0	0.00E+0
Ru106	4.31E+8	4.31E+8	4.30E+8	4.30E+8	4.30E+8	4.28E+8	4.23E+8	4.07E+8	3.64E+8	3.08E+8	2.19E+8	1.11E+8	1.45E+7	4.91E+5	5.66E+2
Rh102	2.57E+3	2.57E+3	2.57E+3	2.57E+3	2.56E+3	2.55E+3	2.49E+3	2.33E+3	1.90E+3	1.41E+3	7.58E+2	2.23E+2	5.71E+0	1.27E-2	6.26E-8
Rh103m	1.14E+7	1.13E+7	1.13E+7	1.13E+7	1.12E+7	1.08E+7	9.52E+6	6.68E+6	2.32E+6	4.73E+5	1.80E+4	2.85E+1	1.13E-7	0.00E+0	0.00E+0
Rh106	4.31E+8	4.31E+8	4.30E+8	4.30E+8	4.30E+8	4.28E+8	4.23E+8	4.07E+8	3.64E+8	3.08E+8	2.19E+8	1.11E+8	1.45E+7	4.91E+5	5.66E+2
Ag109m	1.60E+2	1.60E+2	1.60E+2	1.60E+2	1.60E+2	1.59E+2	1.57E+2	1.53E+2	1.40E+2	1.22E+2	9.25E+1	5.35E+1	1.04E+1	6.73E-1	2.84E-3
Ag110	4.65E+4	4.64E+4	4.64E+4	4.64E+4	4.63E+4	4.61E+4	4.52E+4	4.27E+4	3.62E+4	2.82E+4	1.69E+4	6.12E+3	2.92E+2	1.84E+0	7.29E-5
Ag110m	3.42E+6	3.42E+6	3.41E+6	3.41E+6	3.41E+6	3.39E+6	3.32E+6	3.14E+6	2.66E+6	2.07E+6	1.24E+6	4.50E+5	2.15E+4	1.35E+2	5.36E-3
Ag111	1.07E-3	1.07E-3	1.06E-3	1.03E-3	9.76E-4	8.10E-4	4.23E-4	6.57E-5	2.47E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cd113m	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.01E+5	1.00E+5	9.76E+4	9.29E+4	8.01E+4	6.27E+4	3.83E+4
Cd115m	6.43E+3	6.43E+3	6.42E+3	6.39E+3	6.33E+3	6.14E+3	5.51E+3	4.03E+3	1.59E+3	3.91E+2	2.19E+1	7.48E-2	2.96E-9	0.00E+0	0.00E+0
In114	5.38E+1	5.38E+1	5.37E+1	5.35E+1	5.31E+1	5.16E+1	4.68E+1	3.54E+1	1.53E+1	4.33E+0	3.24E-1	1.95E-3	0.00E+0	0.00E+0	0.00E+0

In114m	5.56E+1	5.56E+1	5.55E+1	5.53E+1	5.49E+1	5.33E+1	4.84E+1	3.66E+1	1.58E+1	4.48E+0	3.35E−1	2.01E−3	0.00E+0	0.00E+0	0.00E+0
Sn117m	1.41E−1	1.41E−1	1.40E−1	1.38E−1	1.34E−1	1.21E−1	8.47E−2	3.06E−2	1.44E−3	1.46E−5	1.16E−9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn119m	2.82E+4	2.82E+4	2.82E+4	2.81E+4	2.81E+4	2.80E+4	2.75E+4	2.62E+4	2.28E+4	1.84E+4	1.19E+4	5.00E+3	3.75E+2	4.99E+0	8.83E−4
Sn121	7.14E+3	7.14E+3	7.14E+3	7.14E+3	7.14E+3	7.14E+3	7.13E+3	7.13E+3	7.11E+3	7.09E+3	7.05E+3	6.96E+3	6.70E+3	6.29E+3	5.55E+3
Sn121m	9.20E+3	9.20E+3	9.20E+3	9.20E+3	9.19E+3	9.19E+3	9.19E+3	9.19E+3	9.17E+3	9.14E+3	9.08E+3	8.97E+3	8.64E+3	8.11E+3	7.15E+3
Sn123	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.23E+5	1.21E+5	1.17E+5	1.05E+5	7.60E+4	4.69E+4	1.74E+4	2.44E+3	6.84E+0	3.79E−4	0.00E+0
Sn125	2.16E−2	2.15E−2	2.14E−2	2.09E−2	2.01E−2	1.74E−2	1.05E−2	2.49E−3	3.34E−5	5.18E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3
Sb124	3.14E+4	3.14E+4	3.14E+4	3.13E+4	3.11E+4	3.04E+4	2.80E+4	2.22E+4	1.11E+4	3.95E+3	4.68E+2	6.98E+0	2.31E−5	0.00E+0	0.00E+0
Sb125	1.42E+7	1.42E+7	1.42E+7	1.42E+7	1.42E+7	1.42E+7	1.41E+7	1.39E+7	1.33E+7	1.25E+7	1.10E+7	8.59E+6	4.04E+6	1.15E+6	9.31E+4
Sb126	3.79E+2	3.79E+2	3.79E+2	3.79E+2	3.80E+2	3.80E+2	3.80E+2	3.79E+2	3.79E+2	3.79E+2	3.79E+2	3.79E+2	3.79E+2	3.79E+2	3.79E+2
Sb126m	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3
Te123m	1.82E+3	1.82E+3	1.82E+3	1.81E+3	1.81E+3	1.79E+3	1.72E+3	1.53E+3	1.08E+3	6.41E+2	2.19E+2	2.64E+1	4.63E−2	1.18E−6	0.00E+0
Te125m	5.25E+6	5.25E+6	5.25E+6	5.25E+6	5.25E+6	5.24E+6	5.22E+6	5.15E+6	4.95E+6	4.65E+6	4.10E+6	3.19E+6	1.50E+6	4.27E+5	3.46E+4
Te127	9.39E+5	9.39E+5	9.38E+5	9.36E+5	9.33E+5	9.21E+5	8.81E+5	7.76E+5	5.30E+5	2.99E+5	9.21E+4	9.03E+3	8.52E+0	7.73E−5	0.00E+0
Te127m	9.59E+5	9.58E+5	9.58E+5	9.56E+5	9.52E+5	9.40E+5	8.99E+5	7.92E+5	5.41E+5	3.05E+5	9.40E+4	9.22E+3	8.69E+0	7.89E−5	0.00E+0
Te129	6.50E+4	6.50E+4	6.48E+4	6.45E+4	6.37E+4	6.11E+4	5.29E+4	3.50E+4	1.02E+4	1.59E+3	3.47E+1	1.85E−2	0.00E+0	0.00E+0	0.00E+0
Te129m	1.01E+5	1.01E+5	1.01E+5	1.01E+5	9.94E+4	9.53E+4	8.25E+4	5.46E+4	1.58E+4	2.47E+3	5.42E+1	2.89E−2	0.00E+0	0.00E+0	0.00E+0
I131	8.68E−2	8.65E−2	8.59E−2	8.37E−2	7.96E−2	6.70E−2	3.66E−2	6.50E−3	3.64E−5	1.52E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Xe131m	4.73E+0	4.72E+0	4.70E+0	4.62E+0	4.46E+0	3.97E+0	2.63E+0	8.17E−1	2.44E−2	1.26E−4	2.45E−9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Xe133	1.07E−6	1.07E−6	1.06E−6	1.02E−6	9.41E−7	7.23E−7	2.86E−7	2.04E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs134	2.87E+8	2.87E+8	2.87E+8	2.87E+8	2.87E+8	2.87E+8	2.85E+8	2.80E+8	2.65E+8	2.44E+8	2.05E+8	1.47E+8	5.37E+7	1.00E+7	3.49E+5
Cs136	4.43E+1	4.42E+1	4.40E+1	4.33E+1	4.20E+1	3.78E+1	2.62E+1	9.12E+0	3.87E−1	3.38E−3	1.95E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs137	3.87E+8	3.87E+8	3.87E+8	3.87E+8	3.87E+8	3.87E+8	3.87E+8	3.87E+8	3.85E+8	3.83E+8	3.79E+8	3.70E+8	3.45E+8	3.08E+8	2.44E+8
Ba136m	7.09E+0	7.07E+0	7.04E+0	6.93E+0	6.72E+0	6.05E+0	4.18E+0	1.46E+0	6.19E−2	5.41E−4	3.13E−8	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	3.67E+8	3.67E+8	3.67E+8	3.67E+8	3.67E+8	3.67E+8	3.67E+8	3.66E+8	3.65E+8	3.63E+8	3.58E+8	3.50E+8	3.27E+8	2.91E+8	2.31E+8
Ba140	7.09E+2	7.07E+2	7.04E+2	6.93E+2	6.71E+2	6.02E+2	4.11E+2	1.39E+2	5.32E+0	4.00E−2	1.70E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0
La140	8.16E+2	8.14E+2	8.10E+2	7.98E+2	7.73E+2	6.93E+2	4.74E+2	1.60E+2	6.13E+0	4.61E−2	1.96E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce139	5.02E+3	5.02E+3	5.02E+3	5.01E+3	4.99E+3	4.94E+3	4.77E+3	4.31E+3	3.19E+3	2.03E+3	7.97E+2	1.27E+2	5.08E−1	5.14E−5	0.00E+0
Ce141	4.08E+6	4.08E+6	4.07E+6	4.05E+6	4.00E+6	3.83E+6	3.30E+6	2.15E+6	5.99E+5	8.78E+4	1.69E+3	6.99E−1	0.00E+0	0.00E+0	0.00E+0
Ce144	5.64E+8	5.64E+8	5.64E+8	5.63E+8	5.62E+8	5.60E+8	5.50E+8	5.24E+8	4.53E+8	3.64E+8	2.32E+8	9.54E+7	6.63E+6	7.81E+4	1.08E+1
Pr143	1.53E+3	1.53E+3	1.52E+3	1.50E+3	1.45E+3	1.31E+3	9.17E+2	3.30E+2	1.54E+1	1.56E−1	1.22E−5	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	5.64E+8	5.64E+8	5.63E+8	5.63E+8	5.62E+8	5.60E+8	5.50E+8	5.24E+8	4.53E+8	3.64E+8	2.32E+8	9.54E+7	6.63E+6	7.81E+4	1.08E+1
Pr144m	8.51E+6	8.51E+6	8.51E+6	8.50E+6	8.49E+6	8.45E+6	8.31E+6	7.91E+6	6.84E+6	5.49E+6	3.50E+6	1.44E+6	1.00E+5	1.18E+3	1.63E−1
Nd147	2.55E+1	2.55E+1	2.53E+1	2.49E+1	2.40E+1	2.11E+1	1.36E+1	3.84E+0	8.70E−2	2.97E−4	2.47E−9	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	5.45E+3	5.45E+3	5.45E+3	5.45E+3	5.45E+3	5.44E+3	5.43E+3	5.39E+3	5.28E+3	5.12E+3	4.81E+3	4.24E+3	2.91E+3	1.56E+3	4.44E+2
Pm147	2.63E+8	2.63E+8	2.63E+8	2.63E+8	2.63E+8	2.62E+8	2.61E+8	2.57E+8	2.46E+8	2.31E+8	2.02E+8	1.55E+8	7.02E+7	1.87E+7	1.33E+6
Pm148	1.21E+4	1.21E+4	1.21E+4	1.20E+4	1.19E+4	1.15E+4	1.02E+4	7.31E+3	2.67E+3	5.89E+2	2.63E+1	5.71E−2	0.00E+0	0.00E+0	0.00E+0

Pm148m	2.29E+5	2.28E+5	2.28E+5	2.27E+5	2.25E+5	2.17E+5	1.93E+5	1.38E+5	5.04E+4	1.11E+4	4.96E+2	1.08E+0	1.11E-8	0.00E+0	0.00E+0
Sm151	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.04E+6	1.03E+6	1.03E+6	1.00E+6	9.63E+5	8.91E+5
Eu152	6.62E+3	6.62E+3	6.62E+3	6.62E+3	6.62E+3	6.62E+3	6.61E+3	6.59E+3	6.54E+3	6.46E+3	6.29E+3	5.98E+3	5.13E+3	3.97E+3	2.38E+3
Eu154	1.71E+7	1.71E+7	1.71E+7	1.71E+7	1.71E+7	1.71E+7	1.71E+7	1.70E+7	1.68E+7	1.65E+7	1.58E+7	1.46E+7	1.14E+7	7.64E+6	3.41E+6
Eu155	1.03E+7	1.03E+7	1.03E+7	1.03E+7	1.03E+7	1.03E+7	1.03E+7	1.02E+7	9.95E+6	9.60E+6	8.91E+6	7.70E+6	4.98E+6	2.40E+6	5.60E+5
Eu156	1.41E+3	1.41E+3	1.40E+3	1.39E+3	1.35E+3	1.23E+3	8.95E+2	3.59E+2	2.32E+1	3.82E-1	8.12E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Gd153	3.39E+4	3.39E+4	3.39E+4	3.39E+4	3.38E+4	3.36E+4	3.30E+4	3.11E+4	2.62E+4	2.02E+4	1.19E+4	4.17E+3	1.80E+2	9.52E-1	2.67E-5
Tb160	7.77E+4	7.76E+4	7.76E+4	7.73E+4	7.69E+4	7.55E+4	7.06E+4	5.82E+4	3.28E+4	1.38E+4	2.34E+3	7.06E+1	1.94E-3	0.00E+0	0.00E+0
	Total														
Activ.	9.46E+6	9.46E+6	9.45E+6	9.43E+6	9.39E+6	9.26E+6	8.83E+6	7.74E+6	5.46E+6	3.70E+6	2.36E+6	1.53E+6	6.34E+5	1.93E+5	3.85E+4
Actin.	4.62E+8	4.62E+8	4.62E+8	4.62E+8	4.62E+8	4.62E+8	4.61E+8	4.57E+8	4.49E+8	4.38E+8	4.21E+8	3.99E+8	3.48E+8	2.80E+8	1.85E+8
FP	4.20E+9	4.20E+9	4.20E+9	4.20E+9	4.19E+9	4.18E+9	4.12E+9	3.98E+9	3.62E+9	3.22E+9	2.65E+9	2.01E+9	1.36E+9	1.08E+9	8.22E+8
All	4.67E+9	4.67E+9	4.67E+9	4.67E+9	4.67E+9	4.65E+9	4.59E+9	4.44E+9	4.07E+9	3.66E+9	3.08E+9	2.41E+9	1.71E+9	1.36E+9	1.01E+9

表 40　3 号機使用済燃料プール、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	4.29E+2	4.28E+2	4.25E+2	4.20E+2	4.05E+2	3.81E+2	3.38E+2	2.35E+2	1.28E+2	3.83E+1	1.01E+0	2.39E-3	1.33E-8	0.00E+0	0.00E+0
Fe55	2.06E+3	6.92E-1	1.12E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	4.04E+2	7.82E+0	1.09E-2	2.11E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ni59	1.65E+2	1.65E+2	1.65E+2	1.65E+2	1.64E+2	1.64E+2	1.62E+2	1.58E+2	1.51E+2	1.39E+2	1.07E+2	6.94E+1	2.92E+1	2.17E+0	2.85E-2
Ni63	2.17E+4	1.73E+4	1.19E+4	5.59E+3	5.84E+2	1.35E+1	7.21E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	4.00E+2	4.00E+2	4.00E+2	4.00E+2	4.00E+2	4.00E+2	4.00E+2	3.99E+2	3.98E+2	3.96E+2	3.91E+2	3.82E+2	3.65E+2	3.19E+2	2.54E+2
Nb93m	2.54E+2	3.45E+2	3.76E+2	3.80E+2	3.80E+2	3.80E+2	3.80E+2	3.79E+2	3.78E+2	3.77E+2	3.71E+2	3.63E+2	3.47E+2	3.03E+2	2.41E+2
Sn121	9.39E+2	6.44E+2	3.43E+2	9.77E+1	2.25E+0	4.19E-3	1.45E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	1.21E+3	8.30E+2	4.43E+2	1.26E+2	2.90E+0	5.39E-3	1.87E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	7.97E+3	4.24E+0	1.48E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	2.96E+3	1.57E+0	5.49E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	4.44E+1	3.36E+1	2.08E+1	7.93E+0	4.42E-1	4.28E-3	7.22E-4	7.71E-4	8.64E-4	1.07E-3	1.77E-3	2.97E-3	5.47E-3	1.33E-2	2.63E-2
Pb212	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2
Bi212	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2
Po212	7.91E+1	5.99E+1	3.70E+1	1.41E+1	7.88E-1	7.64E-3	1.29E-3	1.37E-3	1.54E-3	1.92E-3	3.15E-3	5.30E-3	9.75E-3	2.36E-2	4.69E-2
Po216	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2
Rn220	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2
Ra224	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2

Th228	1.23E+2	9.35E+1	5.78E+1	2.21E+1	1.23E+0	1.19E-2	2.01E-3	2.15E-3	2.40E-3	2.99E-3	4.92E-3	8.27E-3	1.52E-2	3.69E-2	7.33E-2
Th231	5.36E+1	5.36E+1	5.37E+1	5.38E+1	5.41E+1	5.46E+1	5.56E+1	5.84E+1	6.27E+1	6.95E+1	8.16E+1	8.83E+1	9.03E+1	9.04E+1	9.03E+1
Th234	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3
Pa233	1.23E+3	1.35E+3	1.59E+3	2.02E+3	2.97E+3	3.81E+3	4.36E+3	4.50E+3	4.49E+3	4.48E+3	4.44E+3	4.37E+3	4.23E+3	3.83E+3	3.26E+3
Pa234	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0	1.33E+0
Pa234m	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3
U232	1.21E+2	9.11E+1	5.63E+1	2.15E+1	1.20E+0	1.16E-2	1.90E-3	1.87E-3	1.81E-3	1.71E-3	1.43E-3	1.05E-3	5.77E-4	9.46E-5	4.65E-6
U234	8.30E+2	1.63E+3	2.61E+3	3.71E+3	4.55E+3	4.63E+3	4.62E+3	4.59E+3	4.54E+3	4.44E+3	4.17E+3	3.75E+3	3.08E+3	1.90E+3	1.24E+3
U235	5.36E+1	5.36E+1	5.37E+1	5.38E+1	5.41E+1	5.46E+1	5.56E+1	5.84E+1	6.27E+1	6.95E+1	8.16E+1	8.83E+1	9.03E+1	9.04E+1	9.03E+1
U236	1.00E+3	1.00E+3	1.01E+3	1.01E+3	1.03E+3	1.05E+3	1.10E+3	1.21E+3	1.33E+3	1.45E+3	1.51E+3	1.51E+3	1.50E+3	1.49E+3	1.47E+3
U237	3.80E+3	8.96E+2	8.08E+1	6.91E-1	3.45E-2	3.32E-2	3.06E-2	2.39E-2	1.59E-2	7.04E-3	6.09E-4	1.03E-5	2.96E-9	0.00E+0	0.00E+0
U238	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3
Np237	1.23E+3	1.35E+3	1.59E+3	2.02E+3	2.97E+3	3.81E+3	4.36E+3	4.50E+3	4.49E+3	4.48E+3	4.44E+3	4.37E+3	4.23E+3	3.83E+3	3.26E+3
Np238	1.43E+2	1.25E+2	9.93E+1	6.29E+1	1.60E+1	1.64E+0	1.71E-2	1.96E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	8.60E+4	8.57E+4	8.53E+4	8.45E+4	8.22E+4	7.84E+4	7.14E+4	5.39E+4	3.37E+4	1.32E+4	7.87E+2	7.18E+0	1.63E-3	1.02E-3	1.00E-3
Pu236	1.20E+1	1.01E-2	1.93E-3	1.92E-3	1.92E-3	1.92E-3	1.90E-3	1.87E-3	1.81E-3	1.71E-3	1.43E-3	1.05E-3	5.77E-4	9.46E-5	4.65E-6
Pu238	1.06E+7	8.35E+6	5.63E+6	2.56E+6	2.44E+5	5.21E+3	4.77E+0	7.71E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pu239	1.05E+6	1.05E+6	1.05E+6	1.05E+6	1.04E+6	1.02E+6	9.96E+5	9.19E+5	8.02E+5	6.06E+5	2.58E+5	6.11E+4	3.43E+3	6.07E-1	1.00E-3
Pu240	1.81E+6	1.82E+6	1.81E+6	1.79E+6	1.74E+6	1.65E+6	1.48E+6	1.08E+6	6.34E+5	2.20E+5	9.12E+3	4.55E+1	3.24E-3	2.11E-3	2.10E-3
Pu241	1.55E+8	3.65E+7	3.29E+6	2.82E+4	1.41E+3	1.35E+3	1.25E+3	9.76E+2	6.49E+2	2.87E+2	2.49E+1	4.21E-1	1.21E-4	0.00E+0	0.00E+0
Pu242	8.22E+3	8.22E+3	8.22E+3	8.22E+3	8.21E+3	8.21E+3	8.19E+3	8.15E+3	8.08E+3	7.94E+3	7.52E+3	6.88E+3	5.75E+3	3.36E+3	1.37E+3
Am241	1.11E+7	1.44E+7	1.43E+7	1.23E+7	7.60E+6	3.41E+6	6.87E+5	6.60E+3	6.52E+2	2.87E+2	2.49E+1	4.21E-1	1.27E-4	0.00E+0	0.00E+0
Am242	2.85E+4	2.48E+4	1.98E+4	1.25E+4	3.19E+3	3.26E+2	3.41E+0	3.91E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	2.86E+4	2.49E+4	1.99E+4	1.26E+4	3.20E+3	3.28E+2	3.43E+0	3.93E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	8.60E+4	8.57E+4	8.53E+4	8.45E+4	8.22E+4	7.84E+4	7.14E+4	5.39E+4	3.37E+4	1.32E+4	7.87E+2	7.18E+0	1.63E-3	1.02E-3	1.00E-3
Cm242	2.35E+4	2.05E+4	1.63E+4	1.04E+4	2.64E+3	2.70E+2	2.82E+0	3.24E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	5.05E+4	2.44E+4	7.22E+3	6.34E+2	4.30E-1	2.25E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	4.87E+6	1.54E+6	2.28E+5	4.96E+3	5.11E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	1.46E+3	1.46E+3	1.45E+3	1.44E+3	1.41E+3	1.35E+3	1.25E+3	9.75E+2	6.48E+2	2.87E+2	2.48E+1	4.21E-1	1.21E-4	0.00E+0	0.00E+0
Cm246	2.87E+2	2.86E+2	2.84E+2	2.80E+2	2.68E+2	2.49E+2	2.15E+2	1.39E+2	6.66E+1	1.54E+1	1.90E-1	1.25E-4	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	5.65E+5	1.05E+5	6.34E+3	2.31E+1	1.13E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	1.43E+2	1.43E+2	1.43E+2	1.43E+2	1.43E+2	1.43E+2	1.43E+2	1.42E+2	1.41E+2	1.40E+2	1.36E+2	1.29E+2	1.16E+2	8.39E+1	4.92E+1
Kr85	1.03E+7	1.49E+6	5.95E+4	9.46E+1	3.79E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	1.64E+8	7.98E+7	2.39E+7	2.14E+6	1.54E+3	8.95E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	1.65E+8	7.98E+7	2.39E+7	2.14E+6	1.54E+3	8.95E-3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	7.24E+3	7.24E+3	7.24E+3	7.23E+3	7.23E+3	7.23E+3	7.23E+3	7.22E+3	7.20E+3	7.17E+3	7.07E+3	6.91E+3	6.61E+3	5.76E+3	4.59E+3
Nb93m	4.64E+3	6.26E+3	6.80E+3	6.87E+3	6.87E+3	6.87E+3	6.87E+3	6.86E+3	6.84E+3	6.81E+3	6.72E+3	6.57E+3	6.27E+3	5.47E+3	4.36E+3

Tc99	5.28E+4	5.28E+4	5.28E+4	5.28E+4	5.27E+4	5.26E+4	5.25E+4	5.19E+4	5.11E+4	4.94E+4	4.48E+4	3.80E+4	2.74E+4	1.02E+4	1.98E+3
Ru106	5.66E+2	8.39E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	5.66E+2	8.39E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.58E+2	4.57E+2	4.56E+2	4.53E+2	4.48E+2	4.34E+2	4.12E+2
Cd113m	3.83E+4	8.77E+3	7.51E+2	5.51E+0	2.17E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	5.55E+3	3.81E+3	2.03E+3	5.77E+2	1.33E+1	2.48E-2	8.59E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	7.15E+3	4.90E+3	2.62E+3	7.44E+2	1.71E+1	3.19E-2	1.11E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.69E+3	2.67E+3	2.61E+3	2.52E+3	2.35E+3	1.91E+3	1.35E+3	6.76E+2	8.45E+1	2.64E+0
Sb125	9.31E+4	4.95E+1	1.73E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	3.79E+2	3.79E+2	3.78E+2	3.78E+2	3.77E+2	3.76E+2	3.73E+2	3.66E+2	3.53E+2	3.30E+2	2.68E+2	1.89E+2	9.47E+1	1.18E+1	3.70E-1
Sb126m	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.70E+3	2.69E+3	2.67E+3	2.61E+3	2.52E+3	2.35E+3	1.91E+3	1.35E+3	6.76E+2	8.45E+1	2.64E+0
Te125m	3.46E+4	1.84E+1	6.42E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.28E+2	1.27E+2	1.26E+2	1.23E+2
Cs134	3.49E+5	1.48E+1	7.58E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	1.93E+3	1.93E+3	1.93E+3	1.93E+3	1.92E+3	1.92E+3	1.92E+3	1.92E+3	1.92E+3	1.91E+3	1.90E+3	1.87E+3	1.81E+3	1.66E+3	1.43E+3
Cs137	2.44E+8	1.22E+8	3.86E+7	3.85E+6	3.82E+3	3.77E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	4.54E+1	6.29E+0	2.33E-1	3.21E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	2.31E+8	1.16E+8	3.66E+7	3.65E+6	3.62E+3	3.57E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	1.08E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	1.08E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm146	4.44E+2	1.03E+1	1.96E-2	7.07E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	1.33E+6	4.82E+2	8.82E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	8.91E+5	7.04E+5	4.77E+5	2.18E+5	2.09E+4	4.21E+2	1.71E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	2.38E+3	5.12E+2	3.97E+1	2.37E-1	5.10E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	3.41E+6	3.03E+5	5.35E+3	1.67E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	5.60E+5	7.09E+3	4.88E+0	2.31E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	1.06E+1	1.04E+1	1.01E+1	9.58E+0	8.06E+0	6.04E+0	3.40E+0	6.05E-1	3.40E-2	1.08E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total														
Activ.	3.85E+4	2.01E+4	1.40E+4	7.18E+3	1.94E+3	1.34E+3	1.28E+3	1.17E+3	1.06E+3	9.50E+2	8.70E+2	8.15E+2	7.41E+2	6.23E+2	4.95E+2
Actin.	1.85E+8	6.40E+7	2.66E+7	1.80E+7	1.08E+7	6.27E+6	3.34E+6	2.14E+6	1.54E+6	8.88E+5	3.17E+5	1.23E+5	7.94E+4	7.35E+4	5.93E+4
FP	8.22E+8	4.00E+8	1.24E+8	1.21E+7	1.07E+5	7.56E+4	7.49E+4	7.43E+4	7.32E+4	7.11E+4	6.53E+4	5.70E+4	4.42E+4	2.39E+4	1.29E+4
All	1.01E+9	4.64E+8	1.50E+8	3.00E+7	1.09E+7	6.35E+6	3.41E+6	2.22E+6	1.61E+6	9.60E+5	3.83E+5	1.81E+5	1.24E+5	9.80E+4	7.28E+4

表 41　4 号機使用済燃料プール、短期放射能(GBq/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Cr51	2.66E+5	2.65E+5	2.65E+5	2.63E+5	2.59E+5	2.46E+5	2.07E+5	1.25E+5	2.79E+4	2.94E+3	2.86E+1	3.07E-3	0.0E+0	0.0E+0	0.0E+0
Mn54	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.43E+5	1.42E+5	1.40E+5	1.34E+5	1.17E+5	9.60E+4	6.36E+4	2.83E+4	2.49E+3	4.34E+1	1.31E-2
Fe55	9.85E+5	9.85E+5	9.85E+5	9.85E+5	9.85E+5	9.83E+5	9.78E+5	9.64E+5	9.23E+5	8.64E+5	7.55E+5	5.78E+5	2.60E+5	6.85E+4	4.76E+3
Fe59	1.21E+4	1.21E+4	1.20E+4	1.20E+4	1.19E+4	1.15E+4	1.03E+4	7.60E+3	3.02E+3	7.54E+2	4.35E+1	1.57E-1	7.32E-9	0.0E+0	0.0E+0
Co58	1.28E+5	1.28E+5	1.27E+5	1.27E+5	1.26E+5	1.24E+5	1.16E+5	9.51E+4	5.29E+4	2.19E+4	3.57E+3	9.97E+1	2.18E-3	0.0E+0	0.0E+0
Co60	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.07E+4	1.06E+4	1.04E+4	1.00E+4	9.39E+3	8.24E+3	5.55E+3	2.88E+3	7.72E+2
Ni63	5.80E+4	5.80E+4	5.80E+4	5.80E+4	5.80E+4	5.79E+4	5.79E+4	5.79E+4	5.78E+4	5.77E+4	5.75E+4	5.71E+4	5.58E+4	5.37E+4	4.98E+4
Sr89	2.73E+4	2.73E+4	2.73E+4	2.72E+4	2.69E+4	2.62E+4	2.38E+4	1.81E+4	7.95E+3	2.31E+3	1.82E+2	1.22E+0	3.61E-7	0.0E+0	0.0E+0
Y91	3.92E+4	3.92E+4	3.92E+4	3.90E+4	3.88E+4	3.78E+4	3.48E+4	2.75E+4	1.35E+4	4.65E+3	5.18E+2	6.84E+0	1.57E-5	0.0E+0	0.0E+0
Zr95	3.54E+7	3.54E+7	3.54E+7	3.53E+7	3.50E+7	3.43E+7	3.18E+7	2.56E+7	1.34E+7	5.04E+6	6.79E+5	1.30E+4	9.15E-2	0.0E+0	0.0E+0
Nb95	6.05E+7	6.05E+7	6.04E+7	6.03E+7	6.00E+7	5.90E+7	5.56E+7	4.67E+7	2.65E+7	1.06E+7	1.48E+6	2.96E+4	2.02E-1	0.0E+0	0.0E+0
Nb95m	3.38E+5	3.38E+5	3.37E+5	3.36E+5	3.34E+5	3.27E+5	3.03E+5	2.44E+5	1.27E+5	4.81E+4	6.47E+3	1.24E+2	8.73E-4	0.0E+0	0.0E+0
In113m	1.90E+6	1.90E+6	1.90E+6	1.89E+6	1.89E+6	1.87E+6	1.79E+6	1.59E+6	1.10E+6	6.42E+5	2.11E+5	2.33E+4	3.18E+1	5.31E-4	0.0E+0
In114m	1.63E+5	1.63E+5	1.63E+5	1.62E+5	1.61E+5	1.56E+5	1.42E+5	1.07E+5	4.62E+4	1.31E+4	9.80E+2	5.90E+0	1.29E-6	0.0E+0	0.0E+0
In114	1.58E+5	1.58E+5	1.57E+5	1.57E+5	1.55E+5	1.51E+5	1.37E+5	1.04E+5	4.47E+4	1.27E+4	9.48E+2	5.71E+0	1.24E-6	0.0E+0	0.0E+0
Sn113	1.90E+6	1.90E+6	1.90E+6	1.89E+6	1.89E+6	1.86E+6	1.79E+6	1.58E+6	1.10E+6	6.42E+5	2.10E+5	2.33E+4	3.17E+1	5.31E-4	0.0E+0
Sn119m	5.05E+6	5.04E+6	5.04E+6	5.04E+6	5.03E+6	5.01E+6	4.93E+6	4.70E+6	4.08E+6	3.30E+6	2.13E+6	8.96E+5	6.71E+4	8.93E+2	1.58E-1
Sn117m	5.37E+4	5.35E+4	5.33E+4	5.25E+4	5.10E+4	4.61E+4	3.22E+4	1.16E+4	5.46E+2	5.56E+0	4.41E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn121	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.75E+3	2.74E+3	2.73E+3	2.72E+3	2.68E+3	2.58E+3	2.43E+3	2.14E+3
Sn123	4.37E+5	4.37E+5	4.37E+5	4.36E+5	4.34E+5	4.30E+5	4.14E+5	3.72E+5	2.69E+5	1.66E+5	6.15E+4	8.67E+3	2.42E+1	1.34E-3	0.0E+0
Sn125	1.90E+3	1.89E+3	1.88E+3	1.84E+3	1.76E+3	1.53E+3	9.24E+2	2.19E+2	2.94E+0	4.55E-3	7.48E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb124	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.16E+4	1.13E+4	1.04E+4	8.29E+3	4.16E+3	1.47E+3	1.75E+2	2.60E+0	8.63E-6	0.0E+0	0.0E+0
Sb125	2.79E+6	2.79E+6	2.79E+6	2.79E+6	2.79E+6	2.78E+6	2.77E+6	2.73E+6	2.62E+6	2.46E+6	2.17E+6	1.69E+6	7.94E+5	2.26E+5	1.83E+4
Te125m	1.00E+6	1.00E+6	1.00E+6	1.00E+6	1.00E+6	1.00E+6	1.00E+6	9.92E+5	9.62E+5	9.11E+5	8.04E+5	6.26E+5	2.95E+5	8.38E+4	6.79E+3
	Actinide														
U237	8.40E+4	8.38E+4	8.32E+4	8.15E+4	7.81E+4	6.78E+4	4.48E+4	2.57E+4	2.27E+4	2.25E+4	2.19E+4	2.09E+4	1.81E+4	1.42E+4	8.78E+3
Np238	4.07E+2	4.07E+2	4.07E+2	4.07E+2	4.07E+2	4.07E+2	4.07E+2	4.07E+2	4.06E+2	4.06E+2	4.05E+2	4.03E+2	3.98E+2	3.89E+2	3.71E+2
Np239	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5
Pu238	2.76E+7	2.76E+7	2.76E+7	2.76E+7	2.76E+7	2.76E+7	2.76E+7	2.76E+7	2.77E+7	2.78E+7	2.78E+7	2.77E+7	2.70E+7	2.60E+7	2.40E+7
Pu239	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.66E+6	2.65E+6	2.65E+6	2.65E+6
Pu240	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.04E+6	4.05E+6	4.05E+6	4.06E+6	4.06E+6
Pu241	9.38E+8	9.38E+8	9.38E+8	9.38E+8	9.37E+8	9.37E+8	9.36E+8	9.34E+8	9.27E+8	9.16E+8	8.93E+8	8.52E+8	7.37E+8	5.79E+8	3.58E+8
Pu242	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4
Am241	8.05E+6	8.05E+6	8.05E+6	8.06E+6	8.06E+6	8.07E+6	8.09E+6	8.18E+6	8.42E+6	8.78E+6	9.51E+6	1.09E+7	1.46E+7	1.98E+7	2.68E+7
Am242	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.10E+4	8.09E+4	8.09E+4	8.08E+4	8.06E+4	8.02E+4	7.91E+4	7.74E+4	7.39E+4
Am242m	8.14E+4	8.14E+4	8.14E+4	8.14E+4	8.14E+4	8.14E+4	8.14E+4	8.13E+4	8.13E+4	8.12E+4	8.10E+4	8.06E+4	7.95E+4	7.77E+4	7.43E+4

Am243	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5	1.87E+5
Cm242	1.07E+8	1.07E+8	1.07E+8	1.07E+8	1.06E+8	1.06E+8	1.02E+8	9.41E+7	7.30E+7	4.98E+7	2.27E+7	4.87E+6	1.11E+5	6.40E+4	6.11E+4
Cm243	1.77E+5	1.77E+5	1.77E+5	1.77E+5	1.77E+5	1.77E+5	1.77E+5	1.77E+5	1.76E+5	1.75E+5	1.73E+5	1.69E+5	1.57E+5	1.39E+5	1.09E+5
Cm244	2.13E+7	2.13E+7	2.13E+7	2.13E+7	2.13E+7	2.13E+7	2.13E+7	2.13E+7	2.11E+7	2.09E+7	2.05E+7	1.98E+7	1.76E+7	1.46E+7	9.92E+6
	FP														
H3	3.85E+6	3.85E+6	3.85E+6	3.85E+6	3.85E+6	3.84E+6	3.84E+6	3.83E+6	3.79E+6	3.74E+6	3.64E+6	3.44E+6	2.90E+6	2.19E+6	1.25E+6
Kr85	8.51E+7	8.51E+7	8.51E+7	8.51E+7	8.51E+7	8.50E+7	8.49E+7	8.46E+7	8.37E+7	8.24E+7	7.98E+7	7.48E+7	6.16E+7	4.47E+7	2.34E+7
Rb86	1.73E+5	1.73E+5	1.73E+5	1.71E+5	1.67E+5	1.55E+5	1.20E+5	5.68E+4	6.10E+3	2.14E+2	2.19E-1	2.75E-7	0.0E+0	0.0E+0	0.0E+0
Sr89	6.70E+8	6.70E+8	6.69E+8	6.66E+8	6.61E+8	6.43E+8	5.84E+8	4.44E+8	1.95E+8	5.67E+7	4.47E+6	2.98E+4	8.85E-3	0.0E+0	0.0E+0
Sr90	6.18E+8	6.18E+8	6.18E+8	6.18E+8	6.18E+8	6.18E+8	6.18E+8	6.17E+8	6.15E+8	6.11E+8	6.04E+8	5.89E+8	5.48E+8	4.86E+8	3.82E+8
Y89m	1.01E+5	1.00E+5	1.00E+5	1.00E+5	9.92E+4	9.65E+4	8.76E+4	6.66E+4	2.93E+4	8.51E+3	6.71E+2	4.47E+0	1.33E-6	0.0E+0	0.0E+0
Y90	6.19E+8	6.19E+8	6.19E+8	6.19E+8	6.19E+8	6.18E+8	6.18E+8	6.17E+8	6.15E+8	6.11E+8	6.04E+8	5.89E+8	5.48E+8	4.86E+8	3.82E+8
Y91	1.04E+9	1.04E+9	1.04E+9	1.04E+9	1.03E+9	1.01E+9	9.27E+8	7.32E+8	3.59E+8	1.24E+8	1.38E+7	1.82E+5	4.19E-1	0.0E+0	0.0E+0
Zr93	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4
Zr95	1.54E+9	1.54E+9	1.54E+9	1.54E+9	1.53E+9	1.49E+9	1.39E+9	1.12E+9	5.82E+8	2.20E+8	2.96E+7	5.67E+5	3.99E+0	1.03E-8	0.0E+0
Nb95	2.65E+9	2.65E+9	2.64E+9	2.64E+9	2.63E+9	2.58E+9	2.43E+9	2.04E+9	1.16E+9	4.63E+8	6.46E+7	1.29E+6	8.79E+0	2.27E-8	0.0E+0
Nb95m	1.47E+7	1.47E+7	1.47E+7	1.47E+7	1.46E+7	1.43E+7	1.32E+7	1.06E+7	5.56E+6	2.10E+6	2.82E+5	5.41E+3	3.80E-2	0.0E+0	0.0E+0
Tc99	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5
Ru103	7.03E+8	7.02E+8	7.01E+8	6.97E+8	6.90E+8	6.66E+8	5.89E+8	4.14E+8	1.43E+8	2.93E+7	1.11E+6	1.76E+3	6.98E-6	0.0E+0	0.0E+0
Ru106	1.32E+9	1.32E+9	1.32E+9	1.32E+9	1.32E+9	1.31E+9	1.30E+9	1.25E+9	1.12E+9	9.46E+8	6.71E+8	3.41E+8	4.46E+7	1.51E+6	1.72E+3
Rh102	9.87E+3	9.87E+3	9.87E+3	9.86E+3	9.84E+3	9.77E+3	9.54E+3	8.93E+3	7.30E+3	5.40E+3	2.91E+3	8.57E+2	2.19E+1	4.87E-2	2.40E-7
Rh103m	7.02E+8	7.01E+8	7.00E+8	6.96E+8	6.89E+8	6.65E+8	5.88E+8	4.13E+8	1.43E+8	2.92E+7	1.11E+6	1.76E+3	6.97E-6	0.0E+0	0.0E+0
Rh106	1.32E+9	1.32E+9	1.32E+9	1.32E+9	1.32E+9	1.31E+9	1.30E+9	1.25E+9	1.12E+9	9.46E+8	6.71E+8	3.41E+8	4.46E+7	1.51E+6	1.72E+3
Ag109m	3.32E+2	3.32E+2	3.32E+2	3.31E+2	3.31E+2	3.30E+2	3.27E+2	3.17E+2	2.90E+2	2.53E+2	1.92E+2	1.11E+2	2.15E+1	1.40E+0	5.88E-3
Ag110	1.43E+5	1.43E+5	1.43E+5	1.42E+5	1.42E+5	1.41E+5	1.39E+5	1.31E+5	1.11E+5	8.65E+4	5.17E+4	1.88E+4	8.97E+2	5.65E+0	2.24E-4
Ag110m	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.05E+7	1.04E+7	1.02E+7	9.64E+6	8.17E+6	6.36E+6	3.80E+6	1.38E+6	6.60E+4	4.15E+2	1.65E-2
Ag111	1.31E+4	1.30E+4	1.29E+4	1.26E+4	1.19E+4	9.91E+3	5.17E+3	8.04E+2	3.03E+0	6.99E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cd113m	2.19E+5	2.19E+5	2.19E+5	2.19E+5	2.19E+5	2.19E+5	2.19E+5	2.18E+5	2.16E+5	2.14E+5	2.09E+5	1.99E+5	1.71E+5	1.34E+5	8.20E+4
Cd115m	2.64E+5	2.64E+5	2.63E+5	2.62E+5	2.60E+5	2.52E+5	2.26E+5	1.65E+5	6.50E+4	1.60E+4	8.99E+2	3.06E+0	1.21E-7	0.0E+0	0.0E+0
In114	9.69E+2	9.68E+2	9.67E+2	9.63E+2	9.55E+2	9.29E+2	8.42E+2	6.37E+2	2.75E+2	7.80E+1	5.83E+0	3.51E-2	7.64E-9	0.0E+0	0.0E+0
In114m	1.00E+3	1.00E+3	1.00E+3	9.96E+2	9.87E+2	9.60E+2	8.71E+2	6.58E+2	2.84E+2	8.06E+1	6.03E+0	3.63E-2	7.90E-9	0.0E+0	0.0E+0
Sn117m	1.81E+3	1.81E+3	1.80E+3	1.77E+3	1.72E+3	1.55E+3	1.09E+3	3.92E+2	1.84E+1	1.88E-1	1.49E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn119m	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.00E+5	9.54E+4	8.28E+4	6.69E+4	4.32E+4	1.82E+4	1.36E+3	1.81E+1	3.21E-3
Sn121	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.60E+4	1.59E+4	1.58E+4	1.56E+4	1.50E+4	1.41E+4	1.25E+4
Sn121m	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.06E+4	2.05E+4	2.04E+4	2.01E+4	1.94E+4	1.82E+4	1.60E+4
Sn123	1.14E+6	1.14E+6	1.14E+6	1.14E+6	1.13E+6	1.12E+6	1.08E+6	9.71E+5	7.03E+5	4.34E+5	1.61E+5	2.26E+4	6.32E+1	3.50E-3	0.0E+0
Sn125	9.41E+3	9.38E+3	9.33E+3	9.13E+3	8.76E+3	7.59E+3	4.59E+3	1.09E+3	1.46E+1	2.26E-2	3.71E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn126	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3
Sb124	4.80E+5	4.80E+5	4.80E+5	4.78E+5	4.75E+5	4.64E+5	4.28E+5	3.40E+5	1.70E+5	6.05E+4	7.16E+3	1.07E+2	3.54E-4	0.0E+0	0.0E+0
Sb125	3.21E+7	3.21E+7	3.21E+7	3.21E+7	3.21E+7	3.21E+7	3.19E+7	3.15E+7	3.02E+7	2.84E+7	2.50E+7	1.94E+7	9.15E+6	2.60E+6	2.11E+5
Sb126	8.29E+3	8.28E+3	8.24E+3	8.12E+3	7.89E+3	7.15E+3	5.13E+3	2.27E+3	9.15E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2	8.66E+2

Sb126m	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3	6.18E+3
Te123m	8.89E+3	8.89E+3	8.89E+3	8.87E+3	8.84E+3	8.74E+3	8.39E+3	7.48E+3	5.28E+3	3.14E+3	1.07E+3	1.29E+2	2.27E-1	5.77E-6	0.0E+0
Te125m	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.16E+7	1.15E+7	1.14E+7	1.11E+7	1.05E+7	9.27E+6	7.22E+6	3.40E+6	9.66E+5	7.83E+4
Te127	9.14E+6	9.14E+6	9.13E+6	9.12E+6	9.08E+6	8.97E+6	8.58E+6	7.55E+6	5.16E+6	2.91E+6	8.97E+5	8.79E+4	8.29E+1	7.52E-4	0.0E+0
Te127m	9.33E+6	9.33E+6	9.33E+6	9.31E+6	9.27E+6	9.16E+6	8.76E+6	7.71E+6	5.27E+6	2.97E+6	9.15E+5	8.98E+4	8.47E+1	7.68E-4	0.0E+0
Te129	7.06E+6	7.05E+6	7.04E+6	7.00E+6	6.92E+6	6.64E+6	5.74E+6	3.80E+6	1.10E+6	1.72E+5	3.77E+3	2.01E+0	0.0E+0	0.0E+0	0.0E+0
Te129m	1.10E+7	1.10E+7	1.10E+7	1.09E+7	1.08E+7	1.04E+7	8.96E+6	5.93E+6	1.72E+6	2.69E+5	5.88E+3	3.14E+0	0.0E+0	0.0E+0	0.0E+0
I131	4.61E+5	4.59E+5	4.56E+5	4.45E+5	4.23E+5	3.56E+5	1.94E+5	3.45E+4	1.93E+2	8.09E-2	9.03E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe131m	2.49E+5	2.48E+5	2.47E+5	2.43E+5	2.35E+5	2.09E+5	1.40E+5	4.40E+4	1.33E+3	6.88E+0	1.34E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	1.07E+4	1.06E+4	1.05E+4	1.01E+4	9.36E+3	7.19E+3	2.85E+3	2.02E+2	7.27E-2	4.95E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	6.04E+8	6.04E+8	6.04E+8	6.04E+8	6.04E+8	6.03E+8	5.99E+8	5.88E+8	5.56E+8	5.12E+8	4.32E+8	3.09E+8	1.13E+8	2.11E+7	7.34E+5
Cs136	6.46E+5	6.45E+5	6.42E+5	6.32E+5	6.13E+5	5.52E+5	3.82E+5	1.33E+5	5.65E+3	4.93E+1	2.85E-3	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	8.84E+8	8.84E+8	8.84E+8	8.84E+8	8.84E+8	8.84E+8	8.83E+8	8.82E+8	8.79E+8	8.74E+8	8.64E+8	8.44E+8	7.87E+8	7.02E+8	5.57E+8
Ba136m	1.03E+5	1.03E+5	1.03E+5	1.01E+5	9.81E+4	8.83E+4	6.11E+4	2.13E+4	9.03E+2	7.89E+0	4.57E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	8.37E+8	8.37E+8	8.37E+8	8.37E+8	8.37E+8	8.37E+8	8.36E+8	8.35E+8	8.32E+8	8.27E+8	8.18E+8	7.99E+8	7.46E+8	6.65E+8	5.28E+8
Ba140	2.04E+7	2.04E+7	2.03E+7	2.00E+7	1.93E+7	1.73E+7	1.19E+7	4.00E+6	1.53E+5	1.15E+3	4.89E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	2.35E+7	2.35E+7	2.34E+7	2.30E+7	2.23E+7	2.00E+7	1.36E+7	4.61E+6	1.77E+5	1.33E+3	5.63E-2	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce139	2.64E+4	2.64E+4	2.64E+4	2.63E+4	2.62E+4	2.60E+4	2.51E+4	2.27E+4	1.68E+4	1.07E+4	4.19E+3	6.66E+2	2.67E+0	2.70E-4	0.0E+0
Ce141	5.27E+8	5.27E+8	5.26E+8	5.22E+8	5.16E+8	4.94E+8	4.26E+8	2.78E+8	7.73E+7	1.13E+7	2.18E+5	9.03E+1	6.40E-9	0.0E+0	0.0E+0
Ce144	2.70E+9	2.70E+9	2.70E+9	2.70E+9	2.69E+9	2.68E+9	2.64E+9	2.51E+9	2.17E+9	1.74E+9	1.11E+9	4.57E+8	3.18E+7	3.74E+5	5.18E+1
Pr143	2.65E+7	2.64E+7	2.63E+7	2.59E+7	2.51E+7	2.27E+7	1.59E+7	5.72E+6	2.67E+5	2.70E+3	2.11E-1	1.68E-9	0.0E+0	0.0E+0	0.0E+0
Pr144	2.70E+9	2.70E+9	2.70E+9	2.70E+9	2.69E+9	2.68E+9	2.64E+9	2.51E+9	2.17E+9	1.74E+9	1.11E+9	4.57E+8	3.18E+7	3.74E+5	5.18E+1
Pr144m	4.08E+7	4.08E+7	4.08E+7	4.07E+7	4.07E+7	4.05E+7	3.98E+7	3.79E+7	3.28E+7	2.63E+7	1.68E+7	6.90E+6	4.80E+5	5.65E+3	7.82E-1
Nd147	3.06E+6	3.05E+6	3.04E+6	2.98E+6	2.88E+6	2.53E+6	1.63E+6	4.61E+5	1.04E+4	3.56E+1	2.97E-4	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm146	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.08E+4	1.07E+4	1.05E+4	1.02E+4	9.57E+3	8.44E+3	5.80E+3	3.10E+3	8.84E+2
Pm147	7.04E+8	7.04E+8	7.04E+8	7.04E+8	7.04E+8	7.03E+8	6.99E+8	6.89E+8	6.60E+8	6.18E+8	5.41E+8	4.15E+8	1.88E+8	5.02E+7	3.57E+6
Pm148	6.53E+5	6.53E+5	6.52E+5	6.48E+5	6.42E+5	6.21E+5	5.51E+5	3.94E+5	1.44E+5	3.17E+4	1.42E+3	3.07E+0	3.14E-8	0.0E+0	0.0E+0
Pm148m	1.23E+7	1.23E+7	1.23E+7	1.22E+7	1.21E+7	1.17E+7	1.04E+7	7.45E+6	2.72E+6	6.00E+5	2.68E+4	5.80E+1	5.94E-7	0.0E+0	0.0E+0
Sm151	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.55E+6	2.54E+6	2.53E+6	2.51E+6	2.45E+6	2.36E+6	2.18E+6
Eu152	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.86E+4	1.85E+4	1.85E+4	1.83E+4	1.81E+4	1.76E+4	1.68E+4	1.44E+4	1.11E+4	6.67E+3
Eu154	3.59E+7	3.59E+7	3.59E+7	3.59E+7	3.59E+7	3.58E+7	3.58E+7	3.56E+7	3.52E+7	3.45E+7	3.31E+7	3.05E+7	2.40E+7	1.60E+7	7.14E+6
Eu155	2.15E+7	2.15E+7	2.15E+7	2.15E+7	2.15E+7	2.15E+7	2.14E+7	2.12E+7	2.07E+7	2.00E+7	1.86E+7	1.61E+7	1.04E+7	5.01E+6	1.17E+6
Eu156	5.66E+6	5.65E+6	5.62E+6	5.55E+6	5.40E+6	4.93E+6	3.58E+6	1.44E+6	9.30E+4	1.53E+3	3.25E-1	1.87E-8	0.0E+0	0.0E+0	0.0E+0
Gd153	1.15E+5	1.15E+5	1.15E+5	1.14E+5	1.14E+5	1.14E+5	1.11E+5	1.05E+5	8.85E+4	6.84E+4	4.02E+4	1.41E+4	6.07E+2	3.22E+0	9.02E-5
Tb160	7.89E+5	7.89E+5	7.88E+5	7.86E+5	7.82E+5	7.67E+5	7.17E+5	5.92E+5	3.33E+5	1.41E+5	2.38E+4	7.18E+2	1.97E-2	0.0E+0	0.0E+0
	Total														
Activ.	1.11E+8	1.11E+8	1.11E+8	1.11E+8	1.10E+8	1.09E+8	1.02E+8	8.62E+7	5.15E+7	2.49E+7	8.65E+6	3.99E+6	1.49E+6	4.44E+5	8.83E+4
Actin.	1.11E+9	1.11E+9	1.11E+9	1.11E+9	1.11E+9	1.11E+9	1.10E+9	1.09E+9	1.06E+9	1.03E+9	9.82E+8	9.22E+8	8.04E+8	6.47E+8	4.26E+8
FP	2.1E+10	2.1E+10	2.1E+10	2.0E+10	2.0E+10	2.0E+10	1.9E+10	1.7E+10	1.4E+10	1.1E+10	7.73E+9	5.31E+9	3.20E+9	2.49E+9	1.89E+9
All	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.1E+10	2.1E+10	1.9E+10	1.5E+10	1.2E+10	8.72E+9	6.23E+9	4.00E+9	3.13E+9	2.31E+9

表 42　4 号機使用済燃料プール、長期放射能(GBq/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
C14	9.89E+2	9.85E+2	9.80E+2	9.68E+2	9.33E+2	8.78E+2	7.78E+2	5.41E+2	2.96E+2	8.82E+1	2.34E+0	5.52E-3	3.07E-8	0.00E+0	0.00E+0
Fe55	4.76E+3	1.60E+0	2.60E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Co60	7.72E+2	1.49E+1	2.08E-2	4.04E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ni59	3.84E+2	3.84E+2	3.84E+2	3.84E+2	3.83E+2	3.81E+2	3.78E+2	3.68E+2	3.52E+2	3.23E+2	2.49E+2	1.62E+2	6.79E+1	5.05E+0	6.64E-2
Ni63	4.98E+4	3.98E+4	2.73E+4	1.28E+4	1.34E+3	3.10E+1	1.66E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	9.23E+2	9.23E+2	9.23E+2	9.23E+2	9.23E+2	9.22E+2	9.22E+2	9.21E+2	9.19E+2	9.14E+2	9.02E+2	8.82E+2	8.42E+2	7.35E+2	5.85E+2
Nb93m	5.96E+2	7.99E+2	8.68E+2	8.76E+2	8.76E+2	8.76E+2	8.76E+2	8.75E+2	8.73E+2	8.69E+2	8.57E+2	8.38E+2	8.00E+2	6.98E+2	5.56E+2
Sn121	2.14E+3	1.47E+3	7.82E+2	2.23E+2	5.12E+0	9.55E-3	3.31E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	2.76E+3	1.89E+3	1.01E+3	2.87E+2	6.60E+0	1.23E-2	4.26E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb125	1.83E+4	9.73E+0	3.40E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Te125m	6.79E+3	3.61E+0	1.26E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Actinide														
Tl208	9.73E+1	7.37E+1	4.55E+1	1.74E+1	9.69E-1	9.44E-3	1.64E-3	1.76E-3	1.98E-3	2.48E-3	4.12E-3	6.97E-3	1.29E-2	3.12E-2	6.20E-2
Pb212	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Bi212	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Po212	1.74E+2	1.31E+2	8.12E+1	3.10E+1	1.73E+0	1.68E-2	2.92E-3	3.13E-3	3.53E-3	4.43E-3	7.35E-3	1.24E-2	2.29E-2	5.56E-2	1.11E-1
Po216	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Rn220	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Ra224	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Th228	2.71E+2	2.05E+2	1.27E+2	4.84E+1	2.70E+0	2.63E-2	4.56E-3	4.89E-3	5.52E-3	6.91E-3	1.15E-2	1.94E-2	3.58E-2	8.69E-2	1.73E-1
Th231	1.80E+2	1.80E+2	1.80E+2	1.80E+2	1.81E+2	1.82E+2	1.85E+2	1.92E+2	2.03E+2	2.20E+2	2.50E+2	2.67E+2	2.72E+2	2.72E+2	2.72E+2
Th234	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3
Pa233	2.84E+3	3.15E+3	3.71E+3	4.73E+3	6.99E+3	9.01E+3	1.03E+4	1.06E+4	1.06E+4	1.06E+4	1.05E+4	1.03E+4	1.00E+4	9.07E+3	7.71E+3
Pa234	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.46E+0	3.47E+0	3.47E+0
Pa234m	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3
U232	2.65E+2	2.00E+2	1.23E+2	4.71E+1	2.63E+0	2.56E-2	4.31E-3	4.23E-3	4.11E-3	3.87E-3	3.23E-3	2.39E-3	1.31E-3	2.14E-4	1.05E-5
U234	2.00E+3	3.82E+3	6.04E+3	8.55E+3	1.05E+4	1.06E+4	1.06E+4	1.06E+4	1.04E+4	1.02E+4	9.61E+3	8.69E+3	7.20E+3	4.60E+3	3.14E+3
U235	1.80E+2	1.80E+2	1.80E+2	1.80E+2	1.81E+2	1.82E+2	1.85E+2	1.92E+2	2.03E+2	2.20E+2	2.50E+2	2.67E+2	2.72E+2	2.72E+2	2.72E+2
U236	2.42E+3	2.42E+3	2.43E+3	2.44E+3	2.47E+3	2.53E+3	2.63E+3	2.89E+3	3.16E+3	3.42E+3	3.55E+3	3.55E+3	3.54E+3	3.51E+3	3.46E+3
U237	8.78E+3	2.07E+3	1.87E+2	1.59E+0	7.27E-2	6.98E-2	6.44E-2	5.04E-2	3.35E-2	1.48E-2	1.28E-3	2.18E-5	6.24E-9	0.00E+0	0.00E+0
U238	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.66E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3	2.67E+3
Np237	2.84E+3	3.15E+3	3.71E+3	4.73E+3	6.99E+3	9.01E+3	1.03E+4	1.06E+4	1.06E+4	1.06E+4	1.05E+4	1.03E+4	1.00E+4	9.07E+3	7.71E+3
Np238	3.71E+2	3.24E+2	2.58E+2	1.63E+2	4.16E+1	4.26E+0	4.45E-2	5.10E-8	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Np239	1.87E+5	1.87E+5	1.86E+5	1.84E+5	1.79E+5	1.71E+5	1.55E+5	1.17E+5	7.33E+4	2.86E+4	1.71E+3	1.56E+1	3.47E-3	2.14E-3	2.09E-3
Pu236	2.38E+1	2.05E-2	4.36E-3	4.36E-3	4.35E-3	4.34E-3	4.31E-3	4.23E-3	4.11E-3	3.87E-3	3.23E-3	2.39E-3	1.31E-3	2.14E-4	1.05E-5
Pu238	2.40E+7	1.90E+7	1.28E+7	5.83E+6	5.55E+5	1.20E+4	1.18E+1	2.00E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Pu239	2.65E+6	2.65E+6	2.65E+6	2.64E+6	2.62E+6	2.59E+6	2.52E+6	2.32E+6	2.02E+6	1.53E+6	6.48E+5	1.54E+5	8.62E+3	1.53E+0	2.09E-3
Pu240	4.06E+6	4.07E+6	4.06E+6	4.02E+6	3.89E+6	3.69E+6	3.32E+6	2.41E+6	1.42E+6	4.92E+5	2.04E+4	1.02E+2	6.81E-3	4.28E-3	4.27E-3
Pu241	3.58E+8	8.45E+7	7.61E+6	6.48E+4	2.97E+3	2.85E+3	2.63E+3	2.06E+3	1.37E+3	6.05E+2	5.24E+1	8.88E-1	2.55E-4	0.00E+0	0.00E+0
Pu242	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.80E+4	1.79E+4	1.77E+4	1.74E+4	1.65E+4	1.51E+4	1.26E+4	7.36E+3	3.01E+3
Am241	2.68E+7	3.43E+7	3.41E+7	2.93E+7	1.81E+7	8.12E+6	1.64E+6	1.54E+4	1.37E+3	6.05E+2	5.24E+1	8.88E-1	2.68E-4	0.00E+0	0.00E+0
Am242	7.39E+4	6.45E+4	5.13E+4	3.25E+4	8.28E+3	8.47E+2	8.86E+0	1.02E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am242m	7.43E+4	6.48E+4	5.16E+4	3.27E+4	8.32E+3	8.51E+2	8.91E+0	1.02E-5	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Am243	1.87E+5	1.87E+5	1.86E+5	1.84E+5	1.79E+5	1.71E+5	1.55E+5	1.17E+5	7.33E+4	2.86E+4	1.71E+3	1.56E+1	3.47E-3	2.14E-3	2.09E-3
Cm242	6.11E+4	5.33E+4	4.24E+4	2.69E+4	6.85E+3	7.01E+2	7.33E+0	8.42E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm243	1.09E+5	5.26E+4	1.56E+4	1.37E+3	9.28E-1	4.86E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm244	9.92E+6	3.15E+6	4.64E+5	1.01E+4	1.04E-1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cm245	3.08E+3	3.08E+3	3.06E+3	3.04E+3	2.96E+3	2.85E+3	2.62E+3	2.05E+3	1.37E+3	6.04E+2	5.23E+1	8.86E-1	2.54E-4	0.00E+0	0.00E+0
Cm246	6.01E+2	5.98E+2	5.94E+2	5.85E+2	5.60E+2	5.21E+2	4.50E+2	2.90E+2	1.39E+2	3.22E+1	3.97E-1	2.61E-4	0.00E+0	0.00E+0	0.00E+0
	FP														
H3	1.25E+6	2.32E+5	1.40E+4	5.12E+1	2.49E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Se79	3.36E+2	3.36E+2	3.36E+2	3.36E+2	3.36E+2	3.36E+2	3.35E+2	3.34E+2	3.33E+2	3.29E+2	3.19E+2	3.02E+2	2.72E+2	1.97E+2	1.16E+2
Kr85	2.34E+7	3.39E+6	1.35E+5	2.15E+2	8.62E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sr90	3.82E+8	1.85E+8	5.54E+7	4.97E+6	3.58E+3	2.08E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Y90	3.82E+8	1.85E+8	5.55E+7	4.97E+6	3.58E+3	2.08E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Zr93	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.69E+4	1.69E+4	1.68E+4	1.66E+4	1.62E+4	1.55E+4	1.35E+4	1.08E+4
Nb93m	1.10E+4	1.47E+4	1.60E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.61E+4	1.60E+4	1.58E+4	1.54E+4	1.47E+4	1.28E+4	1.02E+4
Tc99	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.24E+5	1.23E+5	1.22E+5	1.20E+5	1.16E+5	1.05E+5	8.94E+4	6.44E+4	2.40E+4	4.65E+3
Ru106	1.72E+3	2.55E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Rh106	1.72E+3	2.55E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pd107	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.03E+3	1.02E+3	1.02E+3	1.01E+3	9.76E+2	9.25E+2
Cd113m	8.20E+4	1.88E+4	1.61E+3	1.18E+1	4.64E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121	1.25E+4	8.54E+3	4.55E+3	1.30E+3	2.98E+1	5.56E-2	1.93E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn121m	1.60E+4	1.10E+4	5.87E+3	1.67E+3	3.84E+1	7.15E-2	2.48E-7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sn126	6.18E+3	6.18E+3	6.18E+3	6.17E+3	6.16E+3	6.14E+3	6.10E+3	5.97E+3	5.77E+3	5.38E+3	4.37E+3	3.09E+3	1.55E+3	1.93E+2	6.04E+0
Sb125	2.11E+5	1.12E+2	3.92E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sb126	8.66E+2	8.65E+2	8.65E+2	8.64E+2	8.63E+2	8.60E+2	8.54E+2	8.36E+2	8.08E+2	7.54E+2	6.12E+2	4.33E+2	2.16E+2	2.71E+1	8.46E-1
Sb126m	6.18E+3	6.18E+3	6.18E+3	6.17E+3	6.16E+3	6.14E+3	6.10E+3	5.97E+3	5.77E+3	5.38E+3	4.37E+3	3.09E+3	1.55E+3	1.93E+2	6.04E+0
Te125m	7.83E+4	4.16E+1	1.45E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
I129	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.97E+2	2.96E+2	2.95E+2	2.91E+2	2.85E+2
Cs134	7.34E+5	3.10E+1	1.59E-6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Cs135	4.80E+3	4.80E+3	4.80E+3	4.80E+3	4.80E+3	4.80E+3	4.80E+3	4.79E+3	4.78E+3	4.77E+3	4.73E+3	4.66E+3	4.52E+3	4.13E+3	3.56E+3
Cs137	5.57E+8	2.79E+8	8.81E+7	8.79E+6	8.72E+3	8.61E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba133	9.74E+1	1.35E+1	5.00E-1	6.90E-4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ba137m	5.28E+8	2.64E+8	8.35E+7	8.32E+6	8.26E+3	8.15E-2	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ce144	5.18E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pr144	5.18E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

Pm146	8.84E+2	2.06E+1	3.91E−2	1.40E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Pm147	3.57E+6	1.29E+3	2.36E−3	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Sm151	2.18E+6	1.73E+6	1.17E+6	5.35E+5	5.13E+4	1.03E+3	4.18E−1	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu152	6.67E+3	1.44E+3	1.11E+2	6.66E−1	1.43E−7	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu154	7.14E+6	6.34E+5	1.12E+4	3.50E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Eu155	1.17E+6	1.48E+4	1.02E+1	4.82E−6	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Ho166m	2.24E+1	2.20E+1	2.14E+1	2.02E+1	1.70E+1	1.28E+1	7.17E+0	1.28E+0	7.17E−2	2.27E−4	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
	Total																			
Activ.	8.83E+4	4.62E+4	3.22E+4	1.65E+4	4.47E+3	3.09E+3	2.95E+3	2.70E+3	2.44E+3	2.19E+3	2.01E+3	1.88E+3	1.71E+3	1.44E+3	1.14E+3					
Actin.	4.26E+8	1.48E+8	6.23E+7	4.24E+7	2.56E+7	1.48E+7	7.85E+6	5.05E+6	3.66E+6	2.16E+6	7.84E+5	3.00E+5	1.87E+5	1.75E+5	1.44E+5					
FP	1.89E+9	9.20E+8	2.84E+8	2.78E+7	2.52E+5	1.77E+5	1.76E+5	1.74E+5	1.72E+5	1.67E+5	1.53E+5	1.34E+5	1.04E+5	5.64E+4	3.05E+4					
All	2.31E+9	1.07E+9	3.46E+8	7.01E+7	2.59E+7	1.50E+7	8.03E+6	5.23E+6	3.84E+6	2.33E+6	9.40E+5	4.35E+5	2.93E+5	2.33E+5	1.75E+5					

3.3　発熱量

表 43　1 号機炉心、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	6.07E+3	6.06E+3	6.06E+3	6.04E+3	6.00E+3	5.87E+3	5.44E+3	4.38E+3	2.29E+3	8.64E+2	1.16E+2	2.23E+0	1.57E-5	4.1E-14	2.7E-31
Zr97	1.15E+4	1.10E+4	1.02E+4	7.62E+3	4.29E+3	6.00E+2	6.14E-1	1.75E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	5.01E+3	5.01E+3	5.02E+3	5.02E+3	5.03E+3	5.05E+3	5.09E+3	4.94E+3	3.51E+3	1.59E+3	2.38E+2	4.82E+0	3.29E-5	8.5E-14	0.0E+0
Nb97	1.46E+4	1.45E+4	1.37E+4	1.04E+4	5.50E+3	7.69E+2	7.87E-1	2.41E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	9.11E+3	8.76E+3	8.07E+3	6.05E+3	3.41E+3	4.77E+2	4.88E-1	1.39E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	2.18E+2	2.18E+2	2.17E+2	2.14E+2	2.07E+2	1.87E+2	1.31E+2	4.73E+1	2.22E+0	2.26E-2	1.80E-6	1.5E-14	0.0E+0	0.0E+0	0.0E+0
Sn125	2.30E+2	2.29E+2	2.28E+2	2.23E+2	2.14E+2	1.85E+2	1.12E+2	2.66E+1	3.56E-1	5.52E-4	9.1E-10	3.6E-21	0.0E+0	0.0E+0	0.0E+0
	Actinide														
U237	4.08E+4	4.06E+4	4.02E+4	3.91E+4	3.68E+4	3.00E+4	1.46E+4	1.87E+3	4.22E+0	2.74E-1	2.67E-1	2.54E-1	2.20E-1	1.73E-1	1.07E-1
U239	1.85E+6	3.15E+5	9.20E+3	3.90E-2	7.0E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	3.39E+4	3.34E+4	3.25E+4	2.95E+4	2.44E+4	1.27E+4	1.28E+3	1.85E+0	1.50E-2	1.50E-2	1.50E-2	1.49E-2	1.47E-2	1.44E-2	1.37E-2
Np239	1.65E+6	1.64E+6	1.61E+6	1.47E+6	1.24E+6	6.89E+5	8.78E+4	2.46E+2	1.65E+0	1.65E+0	1.65E+0	1.65E+0	1.65E+0	1.65E+0	1.65E+0
Cm242	8.88E+4	8.88E+4	8.88E+4	8.88E+4	8.87E+4	8.82E+4	8.56E+4	7.86E+4	6.10E+4	4.16E+4	1.89E+4	4.03E+3	5.68E+1	1.82E+1	1.74E+1
	FP														
Br84	1.58E+5	4.73E+4	3.46E+3	3.66E-1	4.09E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85m	3.51E+4	3.04E+4	2.23E+4	7.56E+3	8.67E+2	5.17E-1	2.7E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	2.63E+5	1.54E+5	5.18E+4	1.14E+3	5.56E-1	2.4E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr88	4.01E+5	3.14E+5	1.93E+5	3.49E+4	1.14E+3	9.30E-3	1.4E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb88	4.78E+5	4.05E+5	2.51E+5	4.55E+4	1.49E+3	1.21E-2	1.9E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	7.24E+5	5.80E+4	2.39E+2	1.08E-6	2.2E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	1.28E+5	1.28E+5	1.28E+5	1.27E+5	1.26E+5	1.23E+5	1.11E+5	8.47E+4	3.72E+4	1.08E+4	8.52E+2	5.69E+0	1.69E-6	2.2E-17	0.0E+0
Sr91	3.99E+5	3.72E+5	3.22E+5	1.95E+5	7.10E+4	2.24E+3	1.26E-2	1.2E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	4.72E+5	3.66E+5	2.19E+5	3.66E+4	1.02E+3	4.78E-3	1.1E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	2.28E+4	2.28E+4	2.28E+4	2.28E+4	2.27E+4	2.26E+4	2.24E+4	2.23E+4	2.23E+4	2.21E+4	2.19E+4	2.13E+4	1.98E+4	1.76E+4	1.38E+4
Y91	1.63E+5	1.63E+5	1.63E+5	1.63E+5	1.62E+5	1.59E+5	1.46E+5	1.15E+5	5.66E+4	1.95E+4	2.17E+3	2.87E+1	6.60E-5	2.6E-14	1.1E-33
Y91m	1.46E+5	1.43E+5	1.28E+5	7.78E+4	2.84E+4	8.98E+2	5.03E-3	5.0E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	5.29E+5	5.17E+5	4.51E+5	1.84E+5	1.67E+4	1.67E+0	8.6E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	4.45E+5	4.21E+5	3.67E+5	2.28E+5	8.77E+4	3.33E+3	3.53E-2	2.2E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y94	9.46E+5	1.09E+5	1.28E+3	2.21E-4	6.7E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	9.65E+5	1.76E+4	5.47E+0	2.9E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	2.89E+5	2.89E+5	2.89E+5	2.88E+5	2.86E+5	2.80E+5	2.59E+5	2.09E+5	1.09E+5	4.12E+4	5.54E+3	1.06E+2	7.47E-4	1.9E-12	1.3E-29
Zr97	3.37E+5	3.24E+5	2.98E+5	2.24E+5	1.26E+5	1.76E+4	1.80E+1	5.15E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	2.41E+5	2.41E+5	2.41E+5	2.41E+5	2.42E+5	2.43E+5	2.45E+5	2.37E+5	1.67E+5	7.60E+4	1.14E+4	2.30E+2	1.57E-3	4.0E-12	2.4E-31

Nb97	4.32E+5	4.26E+5	4.03E+5	3.06E+5	1.62E+5	2.26E+4	2.31E+1	7.07E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	2.68E+5	2.57E+5	2.37E+5	1.78E+5	1.00E+5	1.40E+4	1.44E+1	4.09E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	2.23E+5	2.21E+5	2.16E+5	2.01E+5	1.73E+5	1.05E+5	1.79E+4	1.15E+2	3.08E-5	4.2E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	7.55E+5	4.42E+4	1.49E+2	3.31E-7	1.6E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99m	5.08E+4	5.07E+4	5.05E+4	4.86E+4	4.30E+4	2.61E+4	4.47E+3	2.88E+1	7.69E-6	1.1E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	3.03E+5	6.61E+4	5.12E+2	2.71E-6	2.0E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	8.95E+5	2.28E+4	1.45E+1	9.4E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	9.19E+5	1.01E+5	1.10E+3	1.48E-4	2.7E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	1.70E+5	1.70E+5	1.69E+5	1.68E+5	1.67E+5	1.61E+5	1.42E+5	9.99E+4	3.46E+4	7.07E+3	2.69E+2	4.26E-1	1.69E-9	1.7E-23	0.0E+0
Ru105	2.28E+5	2.01E+5	1.47E+5	4.93E+4	5.54E+3	3.08E+0	1.2E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh103m	1.11E+4	1.11E+4	1.10E+4	1.10E+4	1.09E+4	1.05E+4	9.27E+3	6.51E+3	2.26E+3	4.61E+2	1.75E+1	2.78E-2	1.1E-10	1.1E-24	0.0E+0
Rh105	4.37E+4	4.37E+4	4.33E+4	4.01E+4	3.14E+4	1.23E+4	4.57E+2	3.75E-2	2.1E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh106	1.46E+5	1.36E+5	1.36E+5	1.36E+5	1.36E+5	1.35E+5	1.34E+5	1.29E+5	1.15E+5	9.75E+4	6.91E+4	3.51E+4	4.60E+3	1.55E+2	1.78E-1
Rh107	7.91E+4	1.43E+4	3.09E+2	4.61E-4	1.0E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	2.19E+4	2.08E+4	1.88E+4	1.32E+4	6.50E+3	5.73E+2	1.17E-1	3.3E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	1.06E+4	1.06E+4	1.03E+4	8.75E+3	5.63E+3	1.16E+3	4.57E+0	6.15E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn127	1.84E+4	1.33E+4	6.85E+3	6.80E+2	6.69E+0	8.81E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	2.67E+4	1.32E+4	3.24E+3	2.36E+1	1.26E-3	2.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb127	1.77E+4	1.76E+4	1.74E+4	1.66E+4	1.49E+4	1.04E+4	2.96E+3	8.10E+1	1.67E-3	1.6E-10	5.3E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128m	9.44E+4	5.28E+4	1.30E+4	9.48E+1	5.05E-3	1.1E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	1.25E+5	1.08E+5	7.91E+4	2.63E+4	2.89E+3	1.51E+0	4.8E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	1.07E+5	3.73E+4	4.54E+3	2.86E+0	1.13E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	4.45E+5	7.39E+4	2.00E+3	6.48E-3	6.8E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te129	3.93E+4	3.80E+4	3.16E+4	1.30E+4	3.79E+3	2.54E+3	2.20E+3	1.45E+3	4.22E+2	6.59E+1	1.44E+0	7.70E-4	1.2E-13	0.0E+0	0.0E+0
Te131	2.03E+5	1.01E+5	1.82E+4	1.02E+4	7.36E+3	2.43E+3	5.00E+1	7.63E-4	2.7E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te131m	8.16E+4	8.01E+4	7.66E+4	6.51E+4	4.71E+4	1.56E+4	3.21E+2	4.89E-3	1.7E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	1.05E+5	1.04E+5	1.02E+5	9.58E+4	8.44E+4	5.48E+4	1.20E+4	1.59E+2	3.66E-4	1.3E-12	5.0E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	4.56E+5	6.08E+4	1.02E+4	5.34E+1	1.45E-3	3.3E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	4.86E+5	2.31E+5	5.14E+4	2.68E+2	7.32E-3	1.6E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	4.55E+5	1.69E+5	2.31E+4	2.19E+1	1.98E-5	3.7E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	1.24E+5	1.24E+5	1.24E+5	1.21E+5	1.16E+5	9.93E+4	5.48E+4	9.73E+3	5.45E+1	2.28E-2	2.55E-9	5.0E-23	0.0E+0	0.0E+0	0.0E+0
I132	8.77E+5	8.72E+5	8.60E+5	8.11E+5	7.16E+5	4.64E+5	1.02E+5	1.35E+3	3.10E-3	1.1E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	4.64E+5	4.57E+5	4.31E+5	3.42E+5	2.15E+5	4.34E+4	1.61E+2	1.83E-5	2.7E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	5.51E+4	1.53E+4	3.42E+3	1.79E+1	4.87E-4	1.1E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	1.63E+6	1.18E+6	3.72E+5	2.23E+3	3.76E-2	1.2E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	8.39E+5	7.55E+5	6.12E+5	2.92E+5	6.67E+4	4.21E+2	8.44E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	7.94E+4	7.94E+4	7.94E+4	7.90E+4	7.68E+4	6.36E+4	2.61E+4	1.86E+3	6.69E-1	4.55E-6	1.1E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	9.46E+4	1.05E+5	1.18E+5	1.19E+5	6.67E+4	2.73E+3	8.91E-3	1.4E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	4.91E+4	3.46E+4	2.74E+4	1.31E+4	2.99E+3	1.89E+1	3.78E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	6.93E+5	3.63E+4	9.88E+1	1.04E-7	1.2E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	5.24E+4	5.24E+4	5.24E+4	5.24E+4	5.23E+4	5.22E+4	5.19E+4	5.10E+4	4.82E+4	4.44E+4	3.75E+4	2.68E+4	9.78E+3	1.83E+3	6.36E+1

Cs136	1.97E+4	1.97E+4	1.96E+4	1.93E+4	1.87E+4	1.69E+4	1.17E+4	4.06E+3	1.72E+2	1.51E+0	8.71E-5	3.8E-13	0.0E+0	0.0E+0	0.0E+0
Cs137	6.09E+3	6.09E+3	6.09E+3	6.09E+3	6.09E+3	6.09E+3	6.08E+3	6.08E+3	6.05E+3	6.02E+3	5.95E+3	5.81E+3	5.42E+3	4.83E+3	3.84E+3
Cs138	1.53E+6	6.86E+5	6.12E+4	1.01E+1	2.74E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	1.85E+4	1.84E+4	1.84E+4	1.84E+4	1.84E+4	1.84E+4	1.84E+4	1.83E+4	1.83E+4	1.82E+4	1.80E+4	1.76E+4	1.64E+4	1.46E+4	1.16E+4
Ba139	3.84E+5	2.62E+5	9.66E+4	2.90E+3	2.62E+0	9.6E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	1.99E+5	1.98E+5	1.97E+5	1.94E+5	1.88E+5	1.69E+5	1.15E+5	3.89E+4	1.49E+3	1.12E+1	4.76E-4	1.1E-12	0.0E+0	0.0E+0	0.0E+0
Ba141	6.92E+5	7.23E+4	7.61E+2	9.12E-5	1.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	1.16E+6	1.16E+6	1.16E+6	1.16E+6	1.14E+6	1.07E+6	7.60E+5	2.57E+5	9.87E+3	7.42E+1	3.15E-3	7.5E-12	0.0E+0	0.0E+0	0.0E+0
La141	3.69E+5	3.33E+5	2.36E+5	6.84E+4	5.75E+3	1.18E+0	1.5E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	1.18E+6	8.40E+5	3.39E+5	1.39E+4	2.34E+1	7.23E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	5.14E+5	2.75E+4	7.65E+1	8.67E-8	1.1E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce141	8.94E+4	8.94E+4	8.94E+4	8.91E+4	8.80E+4	8.44E+4	7.27E+4	4.74E+4	1.32E+4	1.94E+3	3.72E+1	1.54E-2	1.1E-12	1.3E-29	0.0E+0
Ce143	2.51E+5	2.47E+5	2.37E+5	2.05E+5	1.53E+5	5.59E+4	1.66E+3	7.18E-2	5.8E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	2.37E+4	2.36E+4	2.36E+4	2.36E+4	2.36E+4	2.35E+4	2.31E+4	2.20E+4	1.90E+4	1.53E+4	9.73E+3	4.00E+3	2.78E+2	3.28E+0	4.54E-4
Pr143	1.08E+5	1.08E+5	1.08E+5	1.08E+5	1.07E+5	1.01E+5	7.22E+4	2.60E+4	1.22E+3	1.23E+1	9.60E-4	7.6E-12	0.0E+0	0.0E+0	0.0E+0
Pr144	2.65E+5	2.64E+5	2.63E+5	2.63E+5	2.63E+5	2.62E+5	2.57E+5	2.45E+5	2.12E+5	1.70E+5	1.08E+5	4.46E+4	3.10E+3	3.65E+1	5.06E-3
Pr145	1.61E+5	1.45E+5	1.15E+5	5.12E+4	1.01E+4	3.89E+1	1.37E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	4.42E+5	1.53E+5	5.67E+3	3.33E-2	1.1E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	6.00E+4	5.99E+4	5.96E+4	5.85E+4	5.64E+4	4.97E+4	3.19E+4	9.04E+3	2.05E+2	6.98E-1	5.82E-6	5.6E-16	0.0E+0	0.0E+0	0.0E+0
Nd149	7.06E+4	4.83E+4	2.16E+4	1.31E+3	4.76E+0	2.07E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm148	4.41E+4	4.39E+4	4.34E+4	4.18E+4	3.88E+4	3.00E+4	1.23E+4	1.12E+3	7.85E+1	1.72E+1	7.68E-1	1.67E-3	1.7E-11	8.2E-25	0.0E+0
Pm148m	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.09E+4	1.05E+4	9.33E+3	6.67E+3	2.44E+3	5.38E+2	2.40E+1	5.21E-2	5.3E-10	2.6E-23	0.0E+0
Pm149	4.30E+4	4.28E+4	4.22E+4	3.88E+4	3.24E+4	1.73E+4	1.93E+3	3.66E+0	2.50E-8	1.4E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm151	2.52E+4	2.48E+4	2.36E+4	1.99E+4	1.42E+4	4.38E+3	7.25E+1	5.90E-4	3.2E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm153	2.16E+4	2.13E+4	2.07E+4	1.86E+4	1.51E+4	7.35E+3	5.94E+2	4.48E-1	1.9E-10	1.7E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu156	5.21E+4	5.20E+4	5.18E+4	5.12E+4	4.99E+4	4.56E+4	3.31E+4	1.33E+4	8.59E+2	1.41E+1	3.00E-3	1.7E-10	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	4.84E+4	4.65E+4	4.42E+4	3.63E+4	2.53E+4	1.37E+4	1.12E+4	9.78E+3	6.07E+3	2.65E+3	4.68E+2	7.29E+1	2.69E+1	7.66E+0	7.12E-1
Actin.	3.70E+6	2.15E+6	1.80E+6	1.65E+6	1.40E+6	8.29E+5	1.98E+5	8.96E+4	6.99E+4	5.07E+4	2.82E+4	1.36E+4	1.00E+4	1.05E+4	1.11E+4
FP	8.28E+7	1.59E+7	1.11E+7	7.62E+6	5.77E+6	4.16E+6	2.80E+6	1.68E+6	8.93E+5	5.45E+5	3.03E+5	1.66E+5	6.68E+4	4.45E+4	3.29E+4
All	8.65E+7	1.81E+7	1.29E+7	9.30E+6	7.20E+6	5.00E+6	3.01E+6	1.78E+6	9.69E+5	5.98E+5	3.31E+5	1.79E+5	7.69E+4	5.50E+4	4.40E+4

表 44　1 号機炉心、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	7.59E-2	1.47E-3	2.04E-6	4.0E-12	2.9E-29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	2.87E-2	2.29E-2	1.57E-2	7.39E-3	7.71E-4	1.78E-5	9.52E-9	1.5E-18	6.3E-35	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	5.38E-1	2.86E-4	1.0E-9	1.2E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Te125m	5.28E-2	2.81E-5	9.8E-11	1.2E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	1.65E+0	1.64E+0	1.64E+0	1.62E+0	1.57E+0	1.50E+0	1.37E+0	1.03E+0	6.45E-1	2.52E-1	1.51E-2	1.38E-4	2.19E-8	1.03E-8	1.00E-8
Pu238	3.90E+3	3.08E+3	2.08E+3	9.49E+2	9.14E+1	2.11E+0	2.67E-3	5.12E-9	6.4E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	5.89E+2	5.89E+2	5.88E+2	5.86E+2	5.81E+2	5.73E+2	5.58E+2	5.13E+2	4.45E+2	3.35E+2	1.42E+2	3.36E+1	1.89E+0	3.33E-4	1.28E-7
Pu240	7.48E+2	7.48E+2	7.45E+2	7.37E+2	7.14E+2	6.77E+2	6.09E+2	4.43E+2	2.61E+2	9.03E+1	3.75E+0	1.87E-2	8.33E-7	3.68E-7	3.67E-7
Pu241	7.14E+1	1.69E+1	1.52E+0	1.26E-2	2.49E-4	2.39E-4	2.21E-4	1.73E-4	1.15E-4	5.08E-5	4.40E-6	7.45E-8	2.1E-11	5.1E-22	0.0E+0
Pu242	2.28E+0	2.28E+0	2.28E+0	2.28E+0	2.27E+0	2.27E+0	2.27E+0	2.26E+0	2.24E+0	2.20E+0	2.08E+0	1.90E+0	1.59E+0	9.30E-1	3.80E-1
Am241	4.54E+3	6.22E+3	6.26E+3	5.38E+3	3.32E+3	1.49E+3	3.00E+2	2.64E+0	1.24E-1	5.45E-2	4.71E-3	7.99E-5	2.42E-8	5.7E-19	0.0E+0
Am243	2.19E+1	2.18E+1	2.17E+1	2.15E+1	2.09E+1	2.00E+1	1.82E+1	1.37E+1	8.58E+0	3.35E+0	2.00E-1	1.83E-3	2.91E-7	1.36E-7	1.33E-7
Cm242	1.74E+1	1.51E+1	1.21E+1	7.64E+0	1.95E+0	1.99E-1	2.08E-3	2.39E-9	3.0E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.71E+1	8.22E+0	2.44E+0	2.14E-1	1.45E-4	7.6E-10	2.1E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.19E+3	3.78E+2	5.57E+1	1.21E+0	1.25E-5	6.1E-14	1.5E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	2.57E+2	3.72E+1	1.48E+0	2.36E-3	9.5E-12	9.6E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	2.90E+3	1.41E+3	4.21E+2	3.77E+1	2.72E-2	1.58E-7	5.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	1.38E+4	6.70E+3	2.01E+3	1.80E+2	1.30E-1	7.52E-7	2.5E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	6.15E+0	3.27E-3	1.14E-8	1.4E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	6.36E+1	2.69E-3	1.4E-10	3.6E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	3.84E+3	1.92E+3	6.07E+2	6.06E+1	6.01E-2	5.93E-7	5.8E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	1.16E+4	5.81E+3	1.83E+3	1.83E+2	1.81E-1	1.79E-6	1.7E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	1.49E+1	5.36E-3	9.82E-9	3.3E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	1.85E+0	1.47E+0	9.93E-1	4.54E-1	4.36E-2	8.78E-4	3.55E-7	2.4E-17	2.6E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	4.19E+2	3.72E+1	6.57E-1	2.05E-4	6.2E-15	1.9E-32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	6.85E+0	8.67E-2	5.97E-5	2.8E-11	3.0E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	7.12E-1	3.60E-2	2.32E-2	1.17E-2	3.80E-3	2.93E-3	2.75E-3	2.36E-3	1.96E-3	1.61E-3	1.43E-3	1.38E-3	1.30E-3	1.12E-3	8.90E-4
Actin.	1.11E+4	1.11E+4	9.77E+3	7.69E+3	4.74E+3	2.77E+3	1.49E+3	9.81E+2	7.24E+2	4.39E+2	1.59E+2	5.12E+1	2.41E+1	2.33E+1	2.03E+1
FP	3.29E+4	1.59E+4	4.87E+3	4.63E+2	1.42E+0	9.76E-1	9.70E-1	9.55E-1	9.30E-1	8.82E-1	7.56E-1	5.89E-1	3.70E-1	1.20E-1	3.98E-2
All	4.40E+4	2.70E+4	1.46E+4	8.15E+3	4.74E+3	2.77E+3	1.49E+3	9.82E+2	7.24E+2	4.40E+2	1.60E+2	5.17E+1	2.44E+1	2.34E+1	2.04E+1

表 45　2 号機炉心、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	9.62E+3	9.61E+3	9.60E+3	9.57E+3	9.51E+3	9.31E+3	8.63E+3	6.95E+3	3.63E+3	1.37E+3	1.84E+2	3.53E+0	2.48E-5	6.4E-14	4.3E-31
Zr97	1.96E+4	1.88E+4	1.73E+4	1.30E+4	7.33E+3	1.02E+3	1.05E+0	2.99E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	7.74E+3	7.74E+3	7.74E+3	7.75E+3	7.76E+3	7.81E+3	7.90E+3	7.71E+3	5.52E+3	2.52E+3	3.77E+2	7.64E+0	5.21E-5	1.3E-13	0.0E+0
Nb97	2.50E+4	2.47E+4	2.34E+4	1.78E+4	9.39E+3	1.31E+3	1.34E+0	4.10E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Nb97m	1.56E+4	1.49E+4	1.38E+4	1.03E+4	5.82E+3	8.14E+2	8.34E−1	2.37E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	3.71E+2	3.70E+2	3.69E+2	3.63E+2	3.53E+2	3.19E+2	2.23E+2	8.05E+1	3.78E+0	3.85E−2	3.05E−6	2.5E−14	0.0E+0	0.0E+0	0.0E+0
Sn125	3.92E+2	3.91E+2	3.89E+2	3.81E+2	3.65E+2	3.16E+2	1.91E+2	4.54E+1	6.07E−1	9.42E−4	1.55E−9	6.1E−21	0.0E+0	0.0E+0	0.0E+0
	Actinide														
U237	6.77E+4	6.74E+4	6.68E+4	6.48E+4	6.11E+4	4.97E+4	2.42E+4	3.11E+3	6.90E+0	3.45E−1	3.36E−1	3.21E−1	2.77E−1	2.18E−1	1.35E−1
U239	3.15E+6	5.38E+5	1.57E+4	6.66E−2	1.2E−12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	5.58E+4	5.51E+4	5.36E+4	4.87E+4	4.02E+4	2.09E+4	2.11E+3	3.03E+0	1.13E−2	1.13E−2	1.13E−2	1.12E−2	1.11E−2	1.08E−2	1.04E−2
Np239	2.82E+6	2.80E+6	2.74E+6	2.51E+6	2.12E+6	1.17E+6	1.50E+5	4.18E+2	1.94E+0	1.94E+0	1.94E+0	1.94E+0	1.94E+0	1.94E+0	1.94E+0
Cm242	8.91E+4	8.91E+4	8.91E+4	8.91E+4	8.91E+4	8.85E+4	8.60E+4	7.90E+4	6.12E+4	4.18E+4	1.90E+4	4.04E+3	5.24E+1	1.37E+1	1.31E+1
	FP														
Br84	2.77E+5	8.29E+4	6.06E+3	6.41E−1	7.16E−9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85m	6.16E+4	5.34E+4	3.92E+4	1.33E+4	1.52E+3	9.06E−1	4.7E−12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	4.61E+5	2.70E+5	9.09E+4	2.00E+3	9.76E−1	4.3E−12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr88	7.04E+5	5.52E+5	3.39E+5	6.13E+4	2.01E+3	1.63E−2	2.5E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb88	8.40E+5	7.11E+5	4.41E+5	7.99E+4	2.62E+3	2.13E−2	3.3E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	1.27E+6	1.02E+5	4.21E+2	1.90E−6	3.9E−23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	2.07E+5	2.07E+5	2.07E+5	2.06E+5	2.04E+5	1.99E+5	1.80E+5	1.37E+5	6.02E+4	1.75E+4	1.38E+3	9.21E+0	2.73E−6	3.6E−17	0.0E+0
Sr91	6.99E+5	6.52E+5	5.64E+5	3.41E+5	1.24E+5	3.93E+3	2.21E−2	2.2E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	8.25E+5	6.39E+5	3.83E+5	6.40E+4	1.79E+3	8.36E−3	1.9E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	2.92E+4	2.92E+4	2.92E+4	2.92E+4	2.91E+4	2.89E+4	2.86E+4	2.85E+4	2.84E+4	2.82E+4	2.79E+4	2.72E+4	2.53E+4	2.24E+4	1.76E+4
Y91	2.63E+5	2.63E+5	2.63E+5	2.62E+5	2.61E+5	2.56E+5	2.35E+5	1.86E+5	9.12E+4	3.14E+4	3.50E+3	4.62E+1	1.06E−4	4.3E−14	1.9E−33
Y91m	2.56E+5	2.50E+5	2.24E+5	1.36E+5	4.98E+4	1.57E+3	8.82E−3	8.7E−18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	9.25E+5	9.04E+5	7.89E+5	3.21E+5	2.92E+4	2.92E+0	1.5E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	7.76E+5	7.34E+5	6.40E+5	3.97E+5	1.53E+5	5.80E+3	6.15E−2	3.8E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y94	1.64E+6	1.90E+5	2.22E+3	3.85E−4	1.2E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	1.68E+6	3.05E+4	9.50E+0	5.0E−12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	4.64E+5	4.64E+5	4.63E+5	4.62E+5	4.59E+5	4.49E+5	4.16E+5	3.35E+5	1.75E+5	6.60E+4	8.89E+3	1.70E+2	1.20E−3	3.1E−12	2.1E−29
Zr97	5.84E+5	5.61E+5	5.17E+5	3.88E+5	2.18E+5	3.05E+4	3.13E+1	8.95E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	3.74E+5	3.74E+5	3.74E+5	3.74E+5	3.75E+5	3.77E+5	3.82E+5	3.72E+5	2.66E+5	1.22E+5	1.82E+4	3.68E+2	2.51E−3	6.5E−12	3.9E−31
Nb97	7.48E+5	7.38E+5	6.97E+5	5.31E+5	2.80E+5	3.91E+4	4.01E+1	1.23E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	4.64E+5	4.45E+5	4.10E+5	3.08E+5	1.73E+5	2.43E+4	2.49E+1	7.11E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	3.85E+5	3.81E+5	3.73E+5	3.47E+5	2.99E+5	1.81E+5	3.09E+4	1.99E+2	5.31E−5	7.3E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	1.30E+6	7.62E+4	2.57E+2	5.70E−7	2.8E−24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99m	8.81E+4	8.80E+4	8.75E+4	8.41E+4	7.43E+4	4.51E+4	7.72E+3	4.97E+1	1.33E−5	1.8E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	5.22E+5	1.14E+5	8.82E+2	4.66E−6	3.5E−23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	1.54E+6	3.92E+4	2.49E+1	1.6E−10	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	1.55E+6	1.71E+5	1.86E+3	2.51E−4	4.5E−18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	2.70E+5	2.70E+5	2.70E+5	2.68E+5	2.66E+5	2.56E+5	2.27E+5	1.59E+5	5.52E+4	1.13E+4	4.28E+2	6.77E−1	2.68E−9	2.7E−23	0.0E+0
Ru105	3.82E+5	3.37E+5	2.47E+5	8.27E+4	9.30E+3	5.17E+0	2.1E−11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh103m	1.76E+4	1.76E+4	1.76E+4	1.75E+4	1.73E+4	1.67E+4	1.48E+4	1.04E+4	3.60E+3	7.34E+2	2.79E+1	4.42E−2	1.7E−10	1.7E−24	0.0E+0
Rh105	7.05E+4	7.06E+4	7.01E+4	6.49E+4	5.09E+4	2.00E+4	7.41E+2	6.08E−2	3.3E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Rh106	2.45E+5	2.26E+5	2.26E+5	2.26E+5	2.25E+5	2.24E+5	2.22E+5	2.13E+5	1.91E+5	1.62E+5	1.15E+5	5.82E+4	7.62E+3	2.57E+2	2.94E-1
Rh107	1.31E+5	2.37E+4	5.13E+2	7.65E-4	1.7E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	3.61E+4	3.44E+4	3.11E+4	2.18E+4	1.07E+4	9.47E+2	1.93E-1	5.5E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	1.78E+4	1.77E+4	1.73E+4	1.47E+4	9.43E+3	1.94E+3	7.65E+0	1.03E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn127	3.10E+4	2.23E+4	1.15E+4	1.14E+3	1.12E+1	1.48E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	4.56E+4	2.26E+4	5.54E+3	4.04E+1	2.15E-3	4.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb127	2.98E+4	2.96E+4	2.93E+4	2.79E+4	2.51E+4	1.75E+4	4.98E+3	1.36E+2	2.81E-3	2.6E-10	8.9E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128m	1.61E+5	9.02E+4	2.22E+4	1.62E+2	8.63E-3	1.9E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	2.13E+5	1.85E+5	1.35E+5	4.47E+4	4.93E+3	2.56E+0	8.2E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	1.82E+5	6.37E+4	7.75E+3	4.88E+0	1.94E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	7.69E+5	1.28E+5	3.45E+3	1.12E-2	1.2E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te129	6.66E+4	6.44E+4	5.35E+4	2.18E+4	6.19E+3	4.08E+3	3.53E+3	2.34E+3	6.77E+2	1.06E+2	2.32E+0	1.24E-3	1.9E-13	0.0E+0	0.0E+0
Te131	3.49E+5	1.74E+5	3.10E+4	1.72E+4	1.24E+4	4.11E+3	8.47E+1	1.29E-3	4.6E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te131m	1.38E+5	1.36E+5	1.30E+5	1.10E+5	7.98E+4	2.63E+4	5.43E+2	8.28E-3	2.9E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	1.80E+5	1.79E+5	1.76E+5	1.65E+5	1.45E+5	9.42E+4	2.07E+4	2.74E+2	6.30E-4	2.2E-12	8.6E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	7.91E+5	1.05E+5	1.77E+4	9.22E+1	2.51E-3	5.6E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	8.40E+5	3.99E+5	8.88E+4	4.64E+2	1.27E-2	2.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	7.92E+5	2.93E+5	4.01E+4	3.81E+1	3.44E-5	6.5E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	2.16E+5	2.16E+5	2.15E+5	2.10E+5	2.02E+5	1.72E+5	9.50E+4	1.69E+4	9.45E+1	3.96E-2	4.41E-9	8.6E-23	0.0E+0	0.0E+0	0.0E+0
I132	1.51E+6	1.50E+6	1.48E+6	1.40E+6	1.23E+6	7.99E+5	1.76E+5	2.32E+3	5.34E-3	1.9E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	8.02E+5	7.89E+5	7.44E+5	5.91E+5	3.71E+5	7.49E+4	2.78E+2	3.15E-5	4.6E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	9.37E+4	2.65E+4	5.91E+3	3.09E+1	8.42E-4	1.9E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	2.83E+6	2.04E+6	6.46E+5	3.88E+3	6.54E-2	2.0E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	1.45E+6	1.30E+6	1.06E+6	5.05E+5	1.15E+5	7.28E+2	1.46E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	1.37E+5	1.37E+5	1.37E+5	1.36E+5	1.33E+5	1.10E+5	4.50E+4	3.21E+3	1.15E+0	7.85E-6	1.8E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	1.43E+5	1.62E+5	1.87E+5	1.96E+5	1.12E+5	4.63E+3	1.51E-2	2.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	8.41E+4	5.97E+4	4.73E+4	2.26E+4	5.16E+3	3.26E+1	6.53E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	1.20E+6	6.29E+4	1.71E+2	1.80E-7	2.0E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.61E+4	7.59E+4	7.54E+4	7.41E+4	7.01E+4	6.45E+4	5.44E+4	3.89E+4	1.42E+4	2.65E+3	9.24E+1
Cs136	2.98E+4	2.97E+4	2.96E+4	2.91E+4	2.83E+4	2.54E+4	1.76E+4	6.13E+3	2.60E+2	2.27E+0	1.31E-4	5.8E-13	0.0E+0	0.0E+0	0.0E+0
Cs137	7.68E+3	7.68E+3	7.68E+3	7.68E+3	7.68E+3	7.68E+3	7.68E+3	7.67E+3	7.64E+3	7.60E+3	7.51E+3	7.34E+3	6.85E+3	6.10E+3	4.85E+3
Cs138	2.65E+6	1.19E+6	1.06E+5	1.75E+1	4.75E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.33E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.32E+4	2.31E+4	2.29E+4	2.27E+4	2.22E+4	2.07E+4	1.84E+4	1.46E+4
Ba139	6.65E+5	4.54E+5	1.67E+5	5.03E+3	4.54E+0	1.7E-10	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	3.43E+5	3.42E+5	3.41E+5	3.36E+5	3.25E+5	2.92E+5	1.99E+5	6.72E+4	2.58E+3	1.94E+1	8.23E-4	2.0E-12	0.0E+0	0.0E+0	0.0E+0
Ba141	1.20E+6	1.25E+5	1.32E+3	1.58E-4	2.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	2.01E+6	2.00E+6	2.00E+6	2.00E+6	1.97E+6	1.85E+6	1.31E+6	4.45E+5	1.71E+4	1.28E+2	5.44E-3	1.3E-11	0.0E+0	0.0E+0	0.0E+0
La141	6.39E+5	5.76E+5	4.08E+5	1.18E+5	9.95E+3	2.05E+0	2.6E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	2.04E+6	1.46E+6	5.87E+5	2.41E+4	4.06E+1	1.26E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	8.93E+5	4.78E+4	1.33E+2	1.51E-7	1.9E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce141	1.47E+5	1.47E+5	1.47E+5	1.46E+5	1.45E+5	1.39E+5	1.19E+5	7.79E+4	2.17E+4	3.18E+3	6.12E+1	2.53E-2	1.8E-12	2.2E-29	0.0E+0

Ce143	4.35E+5	4.29E+5	4.11E+5	3.55E+5	2.65E+5	9.70E+4	2.88E+3	1.25E−1	1.0E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	4.11E+4	4.11E+4	4.11E+4	4.11E+4	4.10E+4	4.08E+4	4.01E+4	3.82E+4	3.30E+4	2.65E+4	1.69E+4	6.95E+3	4.84E+2	5.69E+0	7.89E−4
Pr143	1.93E+5	1.93E+5	1.93E+5	1.93E+5	1.91E+5	1.80E+5	1.29E+5	4.65E+4	2.17E+3	2.20E+1	1.71E−3	1.4E−11	0.0E+0	0.0E+0	0.0E+0
Pr144	4.61E+5	4.58E+5	4.58E+5	4.58E+5	4.57E+5	4.55E+5	4.47E+5	4.26E+5	3.68E+5	2.96E+5	1.88E+5	7.75E+4	5.39E+3	6.35E+1	8.79E−3
Pr145	2.80E+5	2.52E+5	2.00E+5	8.88E+4	1.76E+4	6.75E+1	2.38E−7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	7.65E+5	2.66E+5	9.82E+3	5.77E−2	2.0E−12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	1.03E+5	1.03E+5	1.03E+5	1.01E+5	9.72E+4	8.57E+4	5.51E+4	1.56E+4	3.53E+2	1.20E+0	1.00E−5	9.7E−16	0.0E+0	0.0E+0	0.0E+0
Nd149	1.21E+5	8.31E+4	3.72E+4	2.25E+3	8.18E+0	3.56E−8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm148	8.20E+4	8.16E+4	8.07E+4	7.78E+4	7.22E+4	5.59E+4	2.29E+4	2.03E+3	1.24E+2	2.71E+1	1.21E+0	2.63E−3	2.7E−11	1.3E−24	0.0E+0
Pm148m	1.74E+4	1.74E+4	1.74E+4	1.73E+4	1.71E+4	1.65E+4	1.47E+4	1.05E+4	3.84E+3	8.47E+2	3.78E+1	8.20E−2	8.4E−10	4.1E−23	0.0E+0
Pm149	7.55E+4	7.53E+4	7.41E+4	6.82E+4	5.68E+4	3.04E+4	3.39E+3	6.42E+0	4.38E−8	2.5E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm151	4.30E+4	4.22E+4	4.02E+4	3.39E+4	2.41E+4	7.46E+3	1.23E+2	1.00E−3	5.4E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm153	3.59E+4	3.54E+4	3.43E+4	3.09E+4	2.51E+4	1.22E+4	9.86E+2	7.44E−1	3.2E−10	2.8E−24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu156	8.70E+4	8.69E+4	8.66E+4	8.55E+4	8.34E+4	7.61E+4	5.53E+4	2.22E+4	1.44E+3	2.36E+1	5.02E−3	2.9E−10	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	8.09E+4	7.78E+4	7.38E+4	6.04E+4	4.16E+4	2.18E+4	1.77E+4	1.54E+4	9.59E+3	4.19E+3	7.41E+2	1.13E+2	4.12E+1	1.17E+1	1.07E+0
Actin.	6.23E+6	3.58E+6	2.99E+6	2.73E+6	2.32E+6	1.34E+6	2.71E+5	9.20E+4	7.09E+4	5.16E+4	2.90E+4	1.44E+4	1.10E+4	1.17E+4	1.25E+4
FP	1.43E+8	2.72E+7	1.89E+7	1.30E+7	9.78E+6	6.99E+6	4.65E+6	2.76E+6	1.44E+6	8.79E+5	4.81E+5	2.52E+5	9.02E+4	5.69E+4	4.18E+4
All	1.50E+8	3.09E+7	2.20E+7	1.58E+7	1.21E+7	8.35E+6	4.94E+6	2.86E+6	1.52E+6	9.34E+5	5.11E+5	2.67E+5	1.01E+5	6.86E+4	5.44E+4

表 46　2 号機炉心、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	1.08E−1	2.09E−3	2.92E−6	5.7E−12	4.1E−29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	3.52E−2	2.80E−2	1.92E−2	9.06E−3	9.45E−4	2.18E−5	1.17E−8	1.8E−18	7.8E−35	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	8.24E−1	4.38E−4	1.53E−9	1.9E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	8.09E−2	4.30E−5	1.5E−10	1.8E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	1.94E+0	1.93E+0	1.92E+0	1.91E+0	1.85E+0	1.77E+0	1.61E+0	1.21E+0	7.59E−1	2.97E−1	1.77E−2	1.62E−4	2.55E−8	1.18E−8	1.16E−8
Pu238	3.87E+3	3.06E+3	2.06E+3	9.40E+2	8.99E+1	1.99E+0	2.16E−3	3.87E−9	4.8E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	7.45E+2	7.44E+2	7.43E+2	7.41E+2	7.35E+2	7.25E+2	7.05E+2	6.48E+2	5.63E+2	4.23E+2	1.79E+2	4.24E+1	2.38E+0	4.21E−4	1.48E−7
Pu240	8.74E+2	8.74E+2	8.70E+2	8.61E+2	8.34E+2	7.91E+2	7.12E+2	5.18E+2	3.05E+2	1.06E+2	4.38E+0	2.19E−2	1.03E−6	4.88E−7	4.86E−7
Pu241	9.00E+1	2.12E+1	1.91E+0	1.58E−2	2.92E−4	2.81E−4	2.59E−4	2.02E−4	1.35E−4	5.96E−5	5.16E−6	8.74E−8	2.5E−11	5.9E−22	0.0E+0
Pu242	2.73E+0	2.73E+0	2.73E+0	2.72E+0	2.72E+0	2.72E+0	2.72E+0	2.70E+0	2.68E+0	2.63E+0	2.49E+0	2.28E+0	1.91E+0	1.11E+0	4.55E−1
Am241	5.48E+3	7.61E+3	7.68E+3	6.60E+3	4.08E+3	1.83E+3	3.68E+2	3.22E+0	1.45E−1	6.38E−2	5.53E−3	9.36E−5	2.83E−8	6.7E−19	0.0E+0
Am243	2.58E+1	2.57E+1	2.56E+1	2.54E+1	2.46E+1	2.35E+1	2.14E+1	1.62E+1	1.01E+1	3.95E+0	2.36E−1	2.15E−3	3.39E−7	1.57E−7	1.54E−7
Cm242	1.31E+1	1.14E+1	9.10E+0	5.77E+0	1.47E+0	1.50E−1	1.57E−3	1.81E−9	2.3E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.54E+1	7.44E+0	2.20E+0	1.94E−1	1.31E−4	6.9E−10	1.9E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.41E+3	4.48E+2	6.61E+1	1.44E+0	1.48E−5	7.2E−14	1.7E−30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

	FP														
Kr85	3.48E+2	5.03E+1	2.00E+0	3.19E-3	1.3E-11	1.3E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	3.70E+3	1.79E+3	5.37E+2	4.81E+1	3.47E-2	2.01E-7	6.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	1.76E+4	8.55E+3	2.56E+3	2.30E+2	1.66E-1	9.59E-7	3.2E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	9.36E+0	4.98E-3	1.74E-8	2.1E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	9.24E+1	3.91E-3	2.0E-10	5.3E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	4.85E+3	2.43E+3	7.66E+2	7.64E+1	7.58E-2	7.49E-7	7.3E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	1.46E+4	7.33E+3	2.31E+3	2.31E+2	2.29E-1	2.26E-6	2.2E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	2.20E+1	7.95E-3	1.46E-8	4.9E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	2.43E+0	1.92E+0	1.30E+0	5.95E-1	5.71E-2	1.15E-3	4.65E-7	3.1E-17	3.4E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	5.07E+2	4.50E+1	7.95E-1	2.48E-4	7.6E-15	2.2E-32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	8.49E+0	1.07E-1	7.40E-5	3.5E-11	3.7E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.07E+0	4.45E-2	2.84E-2	1.43E-2	4.61E-3	3.54E-3	3.32E-3	2.86E-3	2.37E-3	1.95E-3	1.73E-3	1.67E-3	1.57E-3	1.35E-3	1.08E-3
Actin.	1.25E+4	1.28E+4	1.15E+4	9.18E+3	5.77E+3	3.38E+3	1.82E+3	1.20E+3	8.88E+2	5.44E+2	1.99E+2	6.26E+1	2.82E+1	2.83E+1	2.56E+1
FP	4.18E+4	2.02E+4	6.18E+3	5.87E+2	1.75E+0	1.18E+0	1.18E+0	1.16E+0	1.13E+0	1.07E+0	9.17E-1	7.15E-1	4.49E-1	1.46E-1	4.78E-2
All	5.44E+4	3.30E+4	1.77E+4	9.77E+3	5.78E+3	3.38E+3	1.82E+3	1.20E+3	8.89E+2	5.45E+2	2.00E+2	6.33E+1	2.86E+1	2.84E+1	2.56E+1

表 47　3 号機炉心、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	1.04E+4	1.04E+4	1.04E+4	1.03E+4	1.03E+4	1.00E+4	9.31E+3	7.50E+3	3.92E+3	1.48E+3	1.99E+2	3.81E+0	2.68E-5	6.9E-14	4.6E-31
Zr97	1.97E+4	1.89E+4	1.74E+4	1.31E+4	7.36E+3	1.03E+3	1.05E+0	3.00E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	8.66E+3	8.66E+3	8.66E+3	8.67E+3	8.68E+3	8.72E+3	8.78E+3	8.50E+3	6.01E+3	2.73E+3	4.07E+2	8.25E+0	5.62E-5	1.5E-13	0.0E+0
Nb97	2.51E+4	2.48E+4	2.35E+4	1.79E+4	9.43E+3	1.32E+3	1.35E+0	4.12E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	1.56E+4	1.50E+4	1.38E+4	1.04E+4	5.85E+3	8.17E+2	8.36E-1	2.38E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn117m	3.74E+2	3.73E+2	3.71E+2	3.66E+2	3.55E+2	3.21E+2	2.25E+2	8.10E+1	3.81E+0	3.88E-2	3.07E-6	2.5E-14	0.0E+0	0.0E+0	0.0E+0
Sn125	3.93E+2	3.92E+2	3.90E+2	3.82E+2	3.66E+2	3.17E+2	1.92E+2	4.55E+1	6.09E-1	9.42E-4	1.55E-9	6.1E-21	0.0E+0	0.0E+0	0.0E+0
	Actinide														
U237	6.53E+4	6.50E+4	6.45E+4	6.26E+4	5.89E+4	4.80E+4	2.34E+4	3.00E+3	6.72E+0	3.87E-1	3.77E-1	3.59E-1	3.11E-1	2.44E-1	1.51E-1
U239	3.13E+6	5.35E+5	1.56E+4	6.63E-2	1.2E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Np238	5.20E+4	5.13E+4	4.99E+4	4.54E+4	3.75E+4	1.95E+4	1.97E+3	2.83E+0	1.45E-2	1.45E-2	1.44E-2	1.44E-2	1.42E-2	1.38E-2	1.32E-2
Np239	2.81E+6	2.79E+6	2.73E+6	2.50E+6	2.11E+6	1.17E+6	1.49E+5	4.16E+2	1.86E+0	1.86E+0	1.86E+0	1.86E+0	1.86E+0	1.86E+0	1.86E+0
Cm242	1.03E+5	1.03E+5	1.03E+5	1.03E+5	1.03E+5	1.03E+5	9.98E+4	9.17E+4	7.10E+4	4.85E+4	2.21E+4	4.69E+3	6.25E+1	1.76E+1	1.68E+1
	FP														
Br84	2.72E+5	8.13E+4	5.95E+3	6.29E-1	7.03E-9	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr85m	6.03E+4	5.23E+4	3.84E+4	1.30E+4	1.49E+3	8.88E-1	4.6E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Kr87	4.51E+5	2.64E+5	8.89E+4	1.96E+3	9.55E-1	4.2E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Kr88	6.88E+5	5.40E+5	3.31E+5	5.99E+4	1.96E+3	1.60E-2	2.4E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb88	8.21E+5	6.96E+5	4.31E+5	7.81E+4	2.56E+3	2.08E-2	3.2E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rb89	1.24E+6	9.96E+4	4.11E+2	1.86E-6	3.8E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr89	2.20E+5	2.20E+5	2.20E+5	2.19E+5	2.17E+5	2.11E+5	1.92E+5	1.46E+5	6.41E+4	1.87E+4	1.47E+3	9.80E+0	2.91E-6	3.8E-17	0.0E+0
Sr91	6.85E+5	6.39E+5	5.53E+5	3.34E+5	1.22E+5	3.86E+3	2.16E-2	2.1E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr92	8.11E+5	6.29E+5	3.77E+5	6.30E+4	1.76E+3	8.22E-3	1.8E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	2.77E+4	2.77E+4	2.76E+4	2.76E+4	2.75E+4	2.73E+4	2.71E+4	2.70E+4	2.69E+4	2.67E+4	2.64E+4	2.58E+4	2.40E+4	2.12E+4	1.67E+4
Y91	2.82E+5	2.82E+5	2.82E+5	2.82E+5	2.80E+5	2.74E+5	2.52E+5	1.99E+5	9.78E+4	3.37E+4	3.75E+3	4.95E+1	1.14E-4	4.6E-14	2.1E-33
Y91m	2.51E+5	2.45E+5	2.19E+5	1.34E+5	4.88E+4	1.54E+3	8.65E-3	8.6E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y92	9.10E+5	8.89E+5	7.76E+5	3.16E+5	2.88E+4	2.87E+0	1.5E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y93	7.66E+5	7.24E+5	6.32E+5	3.92E+5	1.51E+5	5.72E+3	6.07E-2	3.7E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y94	1.63E+6	1.88E+5	2.20E+3	3.81E-4	1.1E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y95	1.66E+6	3.03E+4	9.41E+0	5.0E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Zr95	5.01E+5	5.01E+5	5.01E+5	4.99E+5	4.96E+5	4.85E+5	4.50E+5	3.62E+5	1.89E+5	7.14E+4	9.61E+3	1.84E+2	1.30E-3	3.3E-12	2.2E-29
Zr97	5.81E+5	5.58E+5	5.14E+5	3.86E+5	2.17E+5	3.04E+4	3.12E+1	8.92E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb95	4.23E+5	4.23E+5	4.23E+5	4.23E+5	4.24E+5	4.25E+5	4.28E+5	4.13E+5	2.91E+5	1.32E+5	1.97E+4	3.98E+2	2.72E-3	7.0E-12	4.2E-31
Nb97	7.45E+5	7.35E+5	6.94E+5	5.28E+5	2.78E+5	3.89E+4	4.00E+1	1.22E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nb97m	4.62E+5	4.43E+5	4.08E+5	3.07E+5	1.73E+5	2.41E+4	2.48E+1	7.08E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo99	3.84E+5	3.81E+5	3.73E+5	3.46E+5	2.99E+5	1.80E+5	3.09E+4	1.99E+2	5.31E-5	7.3E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Mo101	1.30E+6	7.63E+4	2.57E+2	5.71E-7	2.8E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc99m	8.75E+4	8.74E+4	8.70E+4	8.38E+4	7.41E+4	4.51E+4	7.71E+3	4.97E+1	1.33E-5	1.8E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc101	5.23E+5	1.14E+5	8.83E+2	4.67E-6	3.5E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc102	1.55E+6	3.94E+4	2.51E+1	1.6E-10	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Tc104	1.59E+6	1.76E+5	1.91E+3	2.57E-4	4.6E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ru103	2.93E+5	2.93E+5	2.92E+5	2.91E+5	2.88E+5	2.78E+5	2.45E+5	1.72E+5	5.98E+4	1.22E+4	4.63E+2	7.33E-1	2.91E-9	2.9E-23	0.0E+0
Ru105	3.96E+5	3.49E+5	2.55E+5	8.56E+4	9.62E+3	5.34E+0	2.2E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh103m	1.91E+4	1.91E+4	1.90E+4	1.89E+4	1.88E+4	1.81E+4	1.60E+4	1.12E+4	3.90E+3	7.95E+2	3.02E+1	4.78E-2	1.9E-10	1.9E-24	0.0E+0
Rh105	7.51E+4	7.51E+4	7.45E+4	6.89E+4	5.40E+4	2.12E+4	7.87E+2	6.45E-2	3.6E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Rh106	2.40E+5	2.20E+5	2.20E+5	2.20E+5	2.19E+5	2.18E+5	2.16E+5	2.08E+5	1.86E+5	1.57E+5	1.12E+5	5.66E+4	7.42E+3	2.51E+2	2.87E-1
Rh107	1.38E+5	2.49E+4	5.38E+2	8.03E-4	1.8E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pd109	3.77E+4	3.59E+4	3.25E+4	2.28E+4	1.12E+4	9.90E+2	2.01E-1	5.7E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ag112	1.85E+4	1.84E+4	1.80E+4	1.52E+4	9.80E+3	2.02E+3	7.95E+0	1.07E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn127	3.20E+4	2.30E+4	1.19E+4	1.18E+3	1.16E+1	1.53E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sn128	4.61E+4	2.28E+4	5.59E+3	4.08E+1	2.17E-3	4.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb127	3.06E+4	3.05E+4	3.01E+4	2.87E+4	2.58E+4	1.80E+4	5.12E+3	1.40E+2	2.89E-3	2.7E-10	9.2E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb128m	1.63E+5	9.11E+4	2.25E+4	1.64E+2	8.71E-3	1.9E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb129	2.16E+5	1.87E+5	1.37E+5	4.54E+4	5.00E+3	2.60E+0	8.3E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb130	1.85E+5	6.44E+4	7.85E+3	4.94E+0	1.96E-6	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb131	7.67E+5	1.27E+5	3.44E+3	1.12E-2	1.2E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te129	6.78E+4	6.55E+4	5.45E+4	2.23E+4	6.47E+3	4.32E+3	3.74E+3	2.47E+3	7.17E+2	1.12E+2	2.45E+0	1.31E-3	2.0E-13	0.0E+0	0.0E+0
Te131	3.50E+5	1.74E+5	3.14E+4	1.76E+4	1.27E+4	4.20E+3	8.65E+1	1.32E-3	4.7E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Te131m	1.41E+5	1.39E+5	1.32E+5	1.13E+5	8.15E+4	2.69E+4	5.54E+2	8.46E-3	3.0E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te132	1.81E+5	1.79E+5	1.76E+5	1.65E+5	1.46E+5	9.45E+4	2.08E+4	2.74E+2	6.32E-4	2.2E-12	8.7E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133	7.86E+5	1.05E+5	1.77E+4	9.20E+1	2.51E-3	5.6E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te133m	8.38E+5	3.98E+5	8.86E+4	4.63E+2	1.26E-2	2.8E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te134	7.85E+5	2.90E+5	3.98E+4	3.78E+1	3.41E-5	6.4E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I131	2.14E+5	2.14E+5	2.13E+5	2.09E+5	2.00E+5	1.71E+5	9.45E+4	1.68E+4	9.40E+1	3.94E-2	4.39E-9	8.6E-23	0.0E+0	0.0E+0	0.0E+0
I132	1.51E+6	1.50E+6	1.48E+6	1.40E+6	1.23E+6	8.01E+5	1.76E+5	2.33E+3	5.36E-3	1.9E-11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133	8.01E+5	7.88E+5	7.43E+5	5.90E+5	3.70E+5	7.48E+4	2.78E+2	3.15E-5	4.6E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I133m	9.52E+4	2.65E+4	5.90E+3	3.08E+1	8.40E-4	1.9E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I134	2.82E+6	2.03E+6	6.41E+5	3.85E+3	6.49E-2	2.0E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
I135	1.45E+6	1.30E+6	1.05E+6	5.04E+5	1.15E+5	7.27E+2	1.46E-5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe133	1.37E+5	1.37E+5	1.37E+5	1.36E+5	1.33E+5	1.10E+5	4.50E+4	3.21E+3	1.15E+0	7.85E-6	1.8E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135	1.49E+5	1.68E+5	1.92E+5	1.99E+5	1.13E+5	4.65E+3	1.52E-2	2.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe135m	8.47E+4	5.97E+4	4.73E+4	2.26E+4	5.16E+3	3.26E+1	6.53E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Xe138	1.20E+6	6.25E+4	1.70E+2	1.79E-7	2.0E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.93E+4	6.91E+4	6.87E+4	6.74E+4	6.38E+4	5.88E+4	4.96E+4	3.54E+4	1.29E+4	2.42E+3	8.42E+1
Cs136	2.98E+4	2.98E+4	2.96E+4	2.92E+4	2.83E+4	2.55E+4	1.76E+4	6.14E+3	2.61E+2	2.28E+0	1.32E-4	5.8E-13	0.0E+0	0.0E+0	0.0E+0
Cs137	7.26E+3	7.26E+3	7.26E+3	7.26E+3	7.26E+3	7.25E+3	7.25E+3	7.24E+3	7.22E+3	7.17E+3	7.09E+3	6.93E+3	6.47E+3	5.76E+3	4.58E+3
Cs138	2.63E+6	1.18E+6	1.06E+5	1.74E+1	4.72E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.20E+4	2.19E+4	2.19E+4	2.19E+4	2.19E+4	2.19E+4	2.19E+4	2.19E+4	2.18E+4	2.17E+4	2.14E+4	2.09E+4	1.95E+4	1.74E+4	1.38E+4
Ba139	6.62E+5	4.52E+5	1.67E+5	5.01E+3	4.52E+0	1.7E-10	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba140	3.43E+5	3.42E+5	3.40E+5	3.35E+5	3.24E+5	2.91E+5	1.99E+5	6.71E+4	2.57E+3	1.93E+1	8.21E-4	2.0E-12	0.0E+0	0.0E+0	0.0E+0
Ba141	1.19E+6	1.25E+5	1.31E+3	1.57E-4	2.3E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La140	2.00E+6	2.00E+6	2.00E+6	1.99E+6	1.97E+6	1.85E+6	1.31E+6	4.44E+5	1.70E+4	1.28E+2	5.43E-3	1.3E-11	0.0E+0	0.0E+0	0.0E+0
La141	6.37E+5	5.73E+5	4.06E+5	1.18E+5	9.91E+3	2.04E+0	2.5E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La142	2.03E+6	1.45E+6	5.83E+5	2.39E+4	4.04E+1	1.25E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
La143	8.85E+5	4.74E+4	1.32E+2	1.49E-7	1.9E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce141	1.54E+5	1.54E+5	1.54E+5	1.53E+5	1.51E+5	1.45E+5	1.25E+5	8.16E+4	2.27E+4	3.33E+3	6.40E+1	2.65E-2	1.9E-12	2.3E-29	0.0E+0
Ce143	4.31E+5	4.25E+5	4.08E+5	3.53E+5	2.63E+5	9.63E+4	2.86E+3	1.24E-1	1.0E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ce144	4.05E+4	4.04E+4	4.04E+4	4.04E+4	4.04E+4	4.02E+4	3.95E+4	3.76E+4	3.25E+4	2.61E+4	1.66E+4	6.84E+3	4.76E+2	5.60E+0	7.76E-4
Pr143	1.86E+5	1.86E+5	1.86E+5	1.85E+5	1.84E+5	1.73E+5	1.24E+5	4.48E+4	2.10E+3	2.12E+1	1.65E-3	1.3E-11	0.0E+0	0.0E+0	0.0E+0
Pr144	4.54E+5	4.51E+5	4.50E+5	4.50E+5	4.50E+5	4.48E+5	4.40E+5	4.19E+5	3.62E+5	2.91E+5	1.85E+5	7.63E+4	5.31E+3	6.24E+1	8.65E-3
Pr145	2.78E+5	2.50E+5	1.98E+5	8.82E+4	1.74E+4	6.70E+1	2.36E-7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pr146	7.61E+5	2.64E+5	9.77E+3	5.74E-2	1.9E-12	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Nd147	1.03E+5	1.03E+5	1.03E+5	1.01E+5	9.70E+4	8.55E+4	5.50E+4	1.56E+4	3.52E+2	1.20E+0	1.00E-5	9.7E-16	0.0E+0	0.0E+0	0.0E+0
Nd149	1.22E+5	8.32E+4	3.73E+4	2.25E+3	8.19E+0	3.56E-8	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm148	7.98E+4	7.94E+4	7.85E+4	7.57E+4	7.02E+4	5.43E+4	2.23E+4	1.98E+3	1.22E+2	2.66E+1	1.19E+0	2.58E-3	2.6E-11	1.3E-24	0.0E+0
Pm148m	1.71E+4	1.71E+4	1.70E+4	1.70E+4	1.68E+4	1.62E+4	1.44E+4	1.03E+4	3.77E+3	8.32E+2	3.71E+1	8.06E-2	8.2E-10	4.0E-23	0.0E+0
Pm149	7.54E+4	7.51E+4	7.40E+4	6.81E+4	5.67E+4	3.03E+4	3.38E+3	6.42E+0	4.38E-8	2.5E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm151	4.36E+4	4.28E+4	4.08E+4	3.44E+4	2.44E+4	7.57E+3	1.25E+2	1.02E-3	5.5E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm153	3.50E+4	3.45E+4	3.35E+4	3.02E+4	2.45E+4	1.19E+4	9.63E+2	7.26E-1	3.1E-10	2.8E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Eu156	8.45E+4	8.44E+4	8.41E+4	8.31E+4	8.10E+4	7.40E+4	5.38E+4	2.16E+4	1.39E+3	2.29E+1	4.87E-3	2.8E-10	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	8.29E+4	7.97E+4	7.57E+4	6.22E+4	4.34E+4	2.35E+4	1.92E+4	1.67E+4	1.04E+4	4.51E+3	7.82E+2	1.10E+2	3.90E+1	1.10E+1	1.01E+0
Actin.	6.21E+6	3.58E+6	2.99E+6	2.73E+6	2.32E+6	1.35E+6	2.85E+5	1.06E+5	8.17E+4	5.93E+4	3.31E+4	1.61E+4	1.22E+4	1.31E+4	1.42E+4
FP	1.43E+8	2.72E+7	1.90E+7	1.31E+7	9.88E+6	7.10E+6	4.75E+6	2.84E+6	1.48E+6	8.80E+5	4.68E+5	2.42E+5	8.52E+4	5.37E+4	3.95E+4
All	1.49E+8	3.09E+7	2.20E+7	1.58E+7	1.22E+7	8.47E+6	5.06E+6	2.96E+6	1.57E+6	9.43E+5	5.02E+5	2.58E+5	9.75E+4	6.68E+4	5.37E+4

表 48　3 号機炉心、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	9.83E-2	1.90E-3	2.65E-6	5.1E-12	3.7E-29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	3.29E-2	2.62E-2	1.80E-2	8.47E-3	8.84E-4	2.04E-5	1.09E-8	1.7E-18	7.3E-35	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	7.80E-1	4.15E-4	1.45E-9	1.8E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	7.66E-2	4.07E-5	1.4E-10	1.7E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	1.86E+0	1.85E+0	1.84E+0	1.83E+0	1.78E+0	1.69E+0	1.54E+0	1.16E+0	7.28E-1	2.84E-1	1.70E-2	1.55E-4	2.18E-8	8.71E-9	8.52E-9
Pu238	4.66E+3	3.68E+3	2.48E+3	1.13E+3	1.08E+2	2.42E+0	2.72E-3	4.94E-9	6.2E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	8.75E+2	8.74E+2	8.73E+2	8.70E+2	8.63E+2	8.51E+2	8.27E+2	7.60E+2	6.60E+2	4.96E+2	2.10E+2	4.97E+1	2.79E+0	4.93E-4	1.09E-7
Pu240	1.15E+3	1.14E+3	1.14E+3	1.13E+3	1.09E+3	1.03E+3	9.31E+2	6.77E+2	3.99E+2	1.38E+2	5.73E+0	2.86E-2	1.14E-6	4.28E-7	4.26E-7
Pu241	1.01E+2	2.38E+1	2.14E+0	1.76E-2	2.35E-4	2.25E-4	2.08E-4	1.63E-4	1.08E-4	4.78E-5	4.14E-6	7.02E-8	2.0E-11	4.8E-22	0.0E+0
Pu242	3.16E+0	3.16E+0	3.16E+0	3.16E+0	3.16E+0	3.16E+0	3.15E+0	3.13E+0	3.11E+0	3.05E+0	2.89E+0	2.64E+0	2.21E+0	1.29E+0	5.27E-1
Am241	6.20E+3	8.58E+3	8.65E+3	7.43E+3	4.60E+3	2.06E+3	4.15E+2	3.56E+0	1.17E-1	5.12E-2	4.44E-3	7.52E-5	2.27E-8	5.4E-19	0.0E+0
Am243	2.47E+1	2.46E+1	2.45E+1	2.43E+1	2.36E+1	2.25E+1	2.05E+1	1.55E+1	9.68E+0	3.78E+0	2.26E-1	2.06E-3	2.89E-7	1.16E-7	1.13E-7
Cm242	1.68E+1	1.46E+1	1.16E+1	7.37E+0	1.88E+0	1.92E-1	2.01E-3	2.31E-9	2.9E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.51E+1	7.28E+0	2.16E+0	1.90E-1	1.29E-4	6.7E-10	1.8E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.19E+3	3.78E+2	5.57E+1	1.21E+0	1.25E-5	6.1E-14	1.5E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	3.29E+2	4.76E+1	1.90E+0	3.01E-3	1.2E-11	1.2E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	3.50E+3	1.70E+3	5.08E+2	4.56E+1	3.28E-2	1.90E-7	6.4E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	1.67E+4	8.09E+3	2.42E+3	2.17E+2	1.57E-1	9.08E-7	3.0E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	8.90E+0	4.73E-3	1.65E-8	2.0E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	8.42E+1	3.56E-3	1.8E-10	4.8E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	4.58E+3	2.29E+3	7.24E+2	7.22E+1	7.16E-2	7.07E-7	6.9E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	1.38E+4	6.92E+3	2.19E+3	2.18E+2	2.16E-1	2.13E-6	2.1E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	2.14E+1	7.74E-3	1.42E-8	4.7E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	2.49E+0	1.97E+0	1.33E+0	6.09E-1	5.85E-2	1.18E-3	4.76E-7	3.2E-17	3.4E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	4.67E+2	4.14E+1	7.32E-1	2.29E-4	7.0E-15	2.1E-32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	8.07E+0	1.02E-1	7.03E-5	3.3E-11	3.5E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														

Activ.	1.01E+0	4.16E-2	2.66E-2	1.34E-2	4.33E-3	3.33E-3	3.12E-3	2.68E-3	2.22E-3	1.83E-3	1.63E-3	1.57E-3	1.47E-3	1.27E-3	1.01E-3
Actin.	1.42E+4	1.47E+4	1.33E+4	1.06E+4	6.69E+3	3.98E+3	2.20E+3	1.47E+3	1.08E+3	6.51E+2	2.33E+2	7.29E+1	3.21E+1	3.09E+1	2.72E+1
FP	3.95E+4	1.91E+4	5.85E+3	5.55E+2	1.66E+0	1.12E+0	1.11E+0	1.09E+0	1.06E+0	1.01E+0	8.66E-1	6.75E-1	4.24E-1	1.38E-1	4.54E-2
All	5.37E+4	3.38E+4	1.91E+4	1.12E+4	6.70E+3	3.98E+3	2.21E+3	1.47E+3	1.08E+3	6.52E+2	2.34E+2	7.35E+1	3.25E+1	3.11E+1	2.72E+1

表 49　1 号機使用済燃料プール、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	3.10E+1	3.10E+1	3.09E+1	3.08E+1	3.06E+1	3.00E+1	2.78E+1	2.24E+1	1.17E+1	4.41E+0	5.94E-1	1.14E-2	8.00E-8	2.1E-16	1.4E-33
Nb95	6.59E+1	6.58E+1	6.58E+1	6.56E+1	6.51E+1	6.37E+1	5.90E+1	4.74E+1	2.47E+1	9.27E+0	1.24E+0	2.46E-2	1.68E-7	4.3E-16	0.0E+0
	Actinide														
Pu238	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.77E+3	5.78E+3	5.77E+3	5.76E+3	5.73E+3	5.59E+3	5.38E+3	4.97E+3
Cm242	1.04E+4	1.04E+4	1.04E+4	1.04E+4	1.03E+4	1.02E+4	9.94E+3	9.13E+3	7.08E+3	4.84E+3	2.21E+3	4.86E+2	2.55E+1	2.06E+1	1.96E+1
Cm244	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.53E+3	3.52E+3	3.50E+3	3.46E+3	3.40E+3	3.27E+3	2.91E+3	2.41E+3	1.64E+3
	FP														
Sr89	1.47E+2	1.47E+2	1.47E+2	1.47E+2	1.45E+2	1.41E+2	1.29E+2	9.77E+1	4.29E+1	1.25E+1	9.83E-1	6.56E-3	1.95E-9	2.6E-20	0.0E+0
Y90	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.70E+4	1.69E+4	1.68E+4	1.66E+4	1.62E+4	1.51E+4	1.34E+4	1.05E+4
Y91	3.89E+2	3.89E+2	3.89E+2	3.87E+2	3.85E+2	3.76E+2	3.46E+2	2.73E+2	1.34E+2	4.62E+1	5.14E+0	6.79E-2	1.56E-7	6.3E-17	0.0E+0
Zr95	1.13E+3	1.13E+3	1.13E+3	1.12E+3	1.12E+3	1.09E+3	1.01E+3	8.16E+2	4.26E+2	1.61E+2	2.16E+1	4.15E-1	2.92E-6	7.5E-15	5.0E-32
Nb95	2.40E+3	2.40E+3	2.40E+3	2.39E+3	2.38E+3	2.33E+3	2.15E+3	1.73E+3	9.00E+2	3.38E+2	4.54E+1	8.98E-1	6.12E-6	1.6E-14	0.0E+0
Ru103	7.24E+1	7.23E+1	7.22E+1	7.18E+1	7.11E+1	6.86E+1	6.07E+1	4.26E+1	1.48E+1	3.02E+0	1.15E-1	1.82E-4	7.2E-13	7.1E-27	0.0E+0
Rh103m	4.73E+0	4.72E+0	4.71E+0	4.68E+0	4.63E+0	4.47E+0	3.95E+0	2.78E+0	9.63E-1	1.97E-1	7.46E-3	1.18E-5	4.7E-14	4.7E-28	0.0E+0
Rh106	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.86E+4	2.85E+4	2.81E+4	2.71E+4	2.42E+4	2.05E+4	1.45E+4	7.38E+3	9.67E+2	3.27E+1	3.73E-2
Cs134	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.41E+4	2.40E+4	2.39E+4	2.34E+4	2.22E+4	2.04E+4	1.72E+4	1.23E+4	4.49E+3	8.39E+2	2.92E+1
Cs137	4.92E+3	4.92E+3	4.92E+3	4.92E+3	4.92E+3	4.92E+3	4.92E+3	4.91E+3	4.89E+3	4.87E+3	4.81E+3	4.70E+3	4.39E+3	3.91E+3	3.10E+3
Ba137m	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.49E+4	1.48E+4	1.48E+4	1.47E+4	1.45E+4	1.42E+4	1.32E+4	1.18E+4	9.37E+3
Ba140	1.71E-4	1.71E-4	1.70E-4	1.67E-4	1.62E-4	1.45E-4	9.93E-5	3.35E-5	1.28E-6	9.65E-9	4.1E-13	9.8E-22	0.0E+0	0.0E+0	0.0E+0
La140	1.13E-3	1.13E-3	1.12E-3	1.11E-3	1.07E-3	9.61E-4	6.57E-4	2.22E-4	8.50E-6	6.38E-8	2.7E-12	6.5E-21	0.0E+0	0.0E+0	0.0E+0
Ce141	8.49E+0	8.48E+0	8.47E+0	8.41E+0	8.31E+0	7.96E+0	6.86E+0	4.48E+0	1.25E+0	1.83E-1	3.51E-3	1.45E-6	1.0E-16	1.3E-33	0.0E+0
Ce144	2.41E+3	2.41E+3	2.41E+3	2.41E+3	2.41E+3	2.40E+3	2.35E+3	2.24E+3	1.94E+3	1.56E+3	9.92E+2	4.08E+2	2.84E+1	3.34E-1	4.63E-5
Pr143	3.15E-4	3.15E-4	3.13E-4	3.09E-4	3.00E-4	2.71E-4	1.89E-4	6.82E-5	3.19E-6	3.22E-8	2.5E-12	2.0E-20	0.0E+0	0.0E+0	0.0E+0
Pr144	2.69E+4	2.69E+4	2.68E+4	2.69E+4	2.68E+4	2.67E+4	2.62E+4	2.50E+4	2.16E+4	1.74E+4	1.11E+4	4.55E+3	3.16E+2	3.72E+0	5.16E-4
Pm148m	6.07E+0	6.06E+0	6.06E+0	6.03E+0	5.97E+0	5.77E+0	5.13E+0	3.67E+0	1.34E+0	2.96E-1	1.32E-2	2.87E-5	2.9E-13	1.4E-26	0.0E+0
Eu156	2.22E-3	2.21E-3	2.21E-3	2.18E-3	2.12E-3	1.94E-3	1.41E-3	5.64E-4	3.65E-5	6.00E-7	1.3E-10	7.3E-18	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.43E+2	1.43E+2	1.43E+2	1.43E+2	1.42E+2	1.40E+2	1.33E+2	1.14E+2	7.69E+1	4.99E+1	3.17E+1	2.20E+1	1.00E+1	2.94E+0	3.10E-1
Actin.	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.27E+4	2.26E+4	2.23E+4	2.15E+4	1.95E+4	1.73E+4	1.47E+4	1.30E+4	1.27E+4	1.28E+4	1.28E+4
FP	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.31E+5	1.30E+5	1.29E+5	1.25E+5	1.16E+5	1.04E+5	8.67E+4	6.60E+4	4.36E+4	3.39E+4	2.57E+4
All	1.54E+5	1.54E+5	1.54E+5	1.54E+5	1.53E+5	1.53E+5	1.51E+5	1.47E+5	1.35E+5	1.21E+5	1.01E+5	7.91E+4	5.63E+4	4.68E+4	3.85E+4

表 50　1号機使用済燃料プール、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	5.02E-2	9.70E-4	1.36E-6	2.6E-12	1.9E-29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	2.63E-2	2.10E-2	1.44E-2	6.79E-3	7.08E-4	1.64E-5	8.75E-9	1.3E-18	5.8E-35	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	2.00E-1	1.06E-4	3.7E-10	4.5E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	1.96E-2	1.04E-5	3.6E-11	4.4E-22	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	2.23E+0	2.22E+0	2.21E+0	2.19E+0	2.13E+0	2.03E+0	1.85E+0	1.39E+0	8.72E-1	3.41E-1	2.04E-2	1.86E-4	3.49E-8	1.92E-8	1.87E-8
Pu238	4.97E+3	3.93E+3	2.65E+3	1.21E+3	1.16E+2	2.62E+0	3.10E-3	5.79E-9	7.3E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	4.68E+2	4.68E+2	4.67E+2	4.66E+2	4.62E+2	4.56E+2	4.44E+2	4.09E+2	3.56E+2	2.68E+2	1.14E+2	2.70E+1	1.51E+0	2.68E-4	2.39E-7
Pu240	6.86E+2	6.86E+2	6.84E+2	6.77E+2	6.56E+2	6.22E+2	5.59E+2	4.07E+2	2.39E+2	8.29E+1	3.45E+0	1.72E-2	1.00E-6	5.75E-7	5.74E-7
Pu241	5.80E+1	1.37E+1	1.23E+0	1.04E-2	4.03E-4	3.87E-4	3.57E-4	2.79E-4	1.86E-4	8.21E-5	7.11E-6	1.20E-7	3.5E-11	8.2E-22	0.0E+0
Pu242	2.68E+0	2.68E+0	2.68E+0	2.68E+0	2.68E+0	2.68E+0	2.67E+0	2.66E+0	2.64E+0	2.59E+0	2.46E+0	2.24E+0	1.88E+0	1.10E+0	4.48E-1
Am241	4.90E+3	6.20E+3	6.15E+3	5.28E+3	3.26E+3	1.46E+3	2.95E+2	2.71E+0	2.00E-1	8.80E-2	7.62E-3	1.29E-4	3.90E-8	9.2E-19	0.0E+0
Am243	2.96E+1	2.95E+1	2.94E+1	2.91E+1	2.83E+1	2.70E+1	2.46E+1	1.85E+1	1.16E+1	4.53E+0	2.71E-1	2.47E-3	4.64E-7	2.55E-7	2.49E-7
Cm242	1.96E+1	1.71E+1	1.36E+1	8.64E+0	2.20E+0	2.25E-1	2.36E-3	2.71E-9	3.4E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	3.03E+1	1.46E+1	4.32E+0	3.80E-1	2.58E-4	1.35E-9	3.7E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.64E+3	5.21E+2	7.68E+1	1.67E+0	1.72E-5	8.4E-14	2.0E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	1.56E+2	2.26E+1	9.00E-1	1.43E-3	5.8E-12	5.8E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	2.20E+3	1.07E+3	3.20E+2	2.87E+1	2.07E-2	1.20E-7	4.0E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	1.05E+4	5.10E+3	1.53E+3	1.37E+2	9.86E-2	5.72E-7	1.9E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	2.34E+0	1.24E-3	4.34E-9	5.3E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	2.92E+1	1.24E-3	6.3E-11	1.7E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	3.10E+3	1.55E+3	4.91E+2	4.90E+1	4.86E-2	4.79E-7	4.7E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	9.37E+3	4.69E+3	1.48E+3	1.48E+2	1.47E-1	1.45E-6	1.4E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	4.40E+0	1.59E-3	2.91E-9	9.8E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	1.37E+0	1.09E+0	7.35E-1	3.37E-1	3.23E-2	6.50E-4	2.63E-7	1.7E-17	1.9E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	3.42E+2	3.04E+1	5.37E-1	1.68E-4	5.1E-15	1.5E-32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	4.51E+0	5.72E-2	3.93E-5	1.9E-11	2.0E-30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	3.10E-1	3.25E-2	2.14E-2	1.09E-2	3.65E-3	2.84E-3	2.67E-3	2.29E-3	1.90E-3	1.56E-3	1.39E-3	1.34E-3	1.26E-3	1.09E-3	8.66E-4
Actin.	1.28E+4	1.19E+4	1.01E+4	7.67E+3	4.53E+3	2.58E+3	1.33E+3	8.46E+2	6.17E+2	3.67E+2	1.32E+2	4.62E+1	2.52E+1	2.31E+1	1.87E+1
FP	2.57E+4	1.25E+4	3.82E+3	3.64E+2	1.29E+0	9.38E-1	9.32E-1	9.17E-1	8.92E-1	8.46E-1	7.23E-1	5.62E-1	3.51E-1	1.13E-1	3.76E-2
All	3.85E+4	2.44E+4	1.39E+4	8.04E+3	4.54E+3	2.58E+3	1.33E+3	8.47E+2	6.18E+2	3.68E+2	1.33E+2	4.68E+1	2.56E+1	2.32E+1	1.87E+1

表 51　2 号機使用済燃料プール、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	3.65E+2	3.65E+2	3.64E+2	3.63E+2	3.61E+2	3.53E+2	3.27E+2	2.64E+2	1.38E+2	5.19E+1	6.99E+0	1.34E−1	9.42E−7	2.4E−15	1.6E−32
Nb95	6.77E+2	6.76E+2	6.76E+2	6.74E+2	6.70E+2	6.57E+2	6.14E+2	5.04E+2	2.74E+2	1.06E+2	1.46E+1	2.90E−1	1.98E−6	5.1E−15	0.0E+0
	Actinide														
Pu238	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.46E+4	1.45E+4	1.41E+4	1.36E+4	1.26E+4
Cm242	3.45E+4	3.45E+4	3.45E+4	3.45E+4	3.44E+4	3.41E+4	3.31E+4	3.04E+4	2.36E+4	1.61E+4	7.35E+3	1.59E+3	5.30E+1	3.73E+1	3.56E+1
Cm244	1.28E+4	1.28E+4	1.28E+4	1.28E+4	1.28E+4	1.28E+4	1.28E+4	1.28E+4	1.27E+4	1.26E+4	1.24E+4	1.19E+4	1.06E+4	8.76E+3	5.98E+3
	FP														
Sr89	2.62E+3	2.61E+3	2.61E+3	2.60E+3	2.58E+3	2.51E+3	2.28E+3	1.73E+3	7.61E+2	2.22E+2	1.75E+1	1.16E−1	3.45E−8	4.6E−19	0.0E+0
Y90	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.57E+4	4.56E+4	4.54E+4	4.51E+4	4.46E+4	4.35E+4	4.05E+4	3.59E+4	2.82E+4
Y91	5.06E+3	5.06E+3	5.05E+3	5.04E+3	5.00E+3	4.88E+3	4.50E+3	3.55E+3	1.74E+3	6.00E+2	6.68E+1	8.82E−1	2.03E−6	8.2E−16	0.0E+0
Zr95	1.27E+4	1.27E+4	1.26E+4	1.26E+4	1.25E+4	1.23E+4	1.14E+4	9.15E+3	4.78E+3	1.80E+3	2.43E+2	4.65E+0	3.27E−5	8.5E−14	5.6E−31
Nb95	2.35E+4	2.35E+4	2.35E+4	2.34E+4	2.33E+4	2.29E+4	2.14E+4	1.75E+4	9.52E+3	3.70E+3	5.07E+2	1.01E+1	6.86E−5	1.8E−13	1.1E−32
Ru103	2.76E+3	2.76E+3	2.76E+3	2.74E+3	2.71E+3	2.62E+3	2.31E+3	1.63E+3	5.64E+2	1.15E+2	4.37E+0	6.91E−3	2.7E−11	2.7E−25	0.0E+0
Rh103m	1.80E+2	1.80E+2	1.80E+2	1.79E+2	1.77E+2	1.71E+2	1.51E+2	1.06E+2	3.67E+1	7.50E+0	2.85E−1	4.51E−4	1.8E−12	1.8E−26	0.0E+0
Rh106	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.02E+5	1.00E+5	9.67E+4	8.66E+4	7.32E+4	5.19E+4	2.64E+4	3.45E+3	1.17E+2	1.33E−1
Cs134	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.98E+4	7.96E+4	7.91E+4	7.77E+4	7.35E+4	6.77E+4	5.71E+4	4.08E+4	1.49E+4	2.78E+3	9.69E+1
Cs137	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.35E+4	1.34E+4	1.33E+4	1.32E+4	1.29E+4	1.20E+4	1.07E+4	8.51E+3
Ba137m	4.08E+4	4.08E+4	4.08E+4	4.08E+4	4.08E+4	4.08E+4	4.07E+4	4.07E+4	4.05E+4	4.03E+4	3.98E+4	3.89E+4	3.63E+4	3.24E+4	2.57E+4
Ba140	4.44E+0	4.43E+0	4.41E+0	4.34E+0	4.20E+0	3.77E+0	2.58E+0	8.69E−1	3.34E−2	2.51E−4	1.06E−8	2.5E−17	0.0E+0	0.0E+0	0.0E+0
La140	2.94E+1	2.93E+1	2.92E+1	2.87E+1	2.78E+1	2.49E+1	1.70E+1	5.75E+0	2.21E−1	1.66E−3	7.03E−8	1.7E−16	0.0E+0	0.0E+0	0.0E+0
Ce141	6.05E+2	6.05E+2	6.04E+2	6.00E+2	5.92E+2	5.68E+2	4.89E+2	3.19E+2	8.88E+1	1.30E+1	2.50E−1	1.04E−4	7.4E−15	8.9E−32	0.0E+0
Ce144	8.72E+3	8.72E+3	8.71E+3	8.71E+3	8.69E+3	8.65E+3	8.51E+3	8.10E+3	7.00E+3	5.63E+3	3.58E+3	1.47E+3	1.03E+2	1.21E+0	1.67E−4
Pr143	4.68E+0	4.67E+0	4.65E+0	4.58E+0	4.45E+0	4.02E+0	2.81E+0	1.01E+0	4.73E−2	4.78E−4	3.73E−8	3.0E−16	0.0E+0	0.0E+0	0.0E+0
Pr144	9.71E+4	9.71E+4	9.70E+4	9.70E+4	9.69E+4	9.64E+4	9.48E+4	9.03E+4	7.80E+4	6.27E+4	4.00E+4	1.64E+4	1.14E+3	1.35E+1	1.86E−3
Pm148m	2.45E+2	2.45E+2	2.45E+2	2.43E+2	2.41E+2	2.33E+2	2.07E+2	1.48E+2	5.41E+1	1.19E+1	5.32E−1	1.16E−3	1.2E−11	5.7E−25	0.0E+0
Eu156	1.42E+1	1.42E+1	1.42E+1	1.40E+1	1.36E+1	1.24E+1	9.02E+0	3.62E+0	2.34E−1	3.85E−3	8.18E−7	4.7E−14	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.22E+3	1.22E+3	1.22E+3	1.21E+3	1.21E+3	1.19E+3	1.11E+3	9.33E+2	5.59E+2	2.87E+2	1.25E+2	7.53E+1	3.40E+1	9.96E+0	1.02E+0
Actin.	6.88E+4	6.88E+4	6.88E+4	6.87E+4	6.87E+4	6.84E+4	6.74E+4	6.47E+4	5.79E+4	5.05E+4	4.18E+4	3.61E+4	3.47E+4	3.47E+4	3.41E+4
FP	4.58E+5	4.58E+5	4.58E+5	4.58E+5	4.57E+5	4.55E+5	4.48E+5	4.29E+5	3.84E+5	3.35E+5	2.70E+5	1.98E+5	1.23E+5	9.28E+4	6.99E+4
All	5.28E+5	5.28E+5	5.28E+5	5.28E+5	5.27E+5	5.25E+5	5.16E+5	4.95E+5	4.42E+5	3.86E+5	3.12E+5	2.34E+5	1.57E+5	1.27E+5	1.04E+5

表 52　2 号機使用済燃料プール、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y

	Activation														
Co60	1.72E−1	3.33E−3	4.66E−6	9.0E−12	6.6E−29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	6.99E−2	5.58E−2	3.83E−2	1.80E−2	1.88E−3	4.35E−5	2.32E−8	3.5E−18	1.5E−34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	6.76E−1	3.60E−4	1.26E−9	1.5E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	6.64E−2	3.53E−5	1.2E−10	1.5E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	7.31E+0	7.28E+0	7.25E+0	7.18E+0	6.98E+0	6.66E+0	6.07E+0	4.58E+0	2.86E+0	1.12E+0	6.68E−2	6.10E−4	1.42E−7	8.99E−8	8.80E−8
Pu238	1.26E+4	9.93E+3	6.70E+3	3.05E+3	2.90E+2	6.30E+0	6.21E−3	1.05E−8	1.3E−18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	1.01E+3	1.01E+3	1.00E+3	1.00E+3	9.94E+2	9.81E+2	9.55E+2	8.82E+2	7.70E+2	5.83E+2	2.48E+2	5.88E+1	3.30E+0	5.84E−4	1.12E−6
Pu240	1.66E+3	1.67E+3	1.66E+3	1.65E+3	1.59E+3	1.51E+3	1.36E+3	9.90E+2	5.82E+2	2.02E+2	8.38E+0	4.18E−2	3.20E−6	2.16E−6	2.15E−6
Pu241	1.60E+2	3.77E+1	3.40E+0	2.92E−2	1.57E−3	1.50E−3	1.39E−3	1.09E−3	7.22E−4	3.19E−4	2.76E−5	4.68E−7	1.3E−10	3.2E−21	0.0E+0
Pu242	8.15E+0	8.15E+0	8.15E+0	8.14E+0	8.14E+0	8.13E+0	8.12E+0	8.08E+0	8.01E+0	7.87E+0	7.45E+0	6.82E+0	5.70E+0	3.33E+0	1.36E+0
Am241	1.25E+4	1.61E+4	1.61E+4	1.38E+4	8.52E+3	3.82E+3	7.70E+2	7.47E+0	7.76E−1	3.42E−1	2.96E−2	5.02E−4	1.52E−7	3.6E−18	0.0E+0
Am243	9.71E+1	9.69E+1	9.64E+1	9.55E+1	9.29E+1	8.86E+1	8.07E+1	6.09E+1	3.81E+1	1.49E+1	8.89E−1	8.12E−3	1.89E−6	1.20E−6	1.17E−6
Cm242	3.56E+1	3.11E+1	2.47E+1	1.57E+1	3.99E+0	4.08E−1	4.27E−3	4.91E−9	6.2E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	6.53E+1	3.15E+1	9.33E+0	8.20E−1	5.56E−4	2.91E−9	8.0E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	5.98E+3	1.90E+3	2.80E+2	6.09E+0	6.27E−5	3.1E−13	7.3E−30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	4.61E+2	6.67E+1	2.66E+0	4.23E−3	1.7E−11	1.7E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	5.91E+3	2.87E+3	8.59E+2	7.70E+1	5.55E−2	3.22E−7	1.1E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	2.82E+4	1.37E+4	4.10E+3	3.67E+2	2.65E−1	1.53E−6	5.2E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	7.86E+0	4.18E−3	1.46E−8	1.8E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	9.69E+1	4.10E−3	2.1E−10	5.5E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	8.51E+3	4.26E+3	1.35E+3	1.34E+2	1.33E−1	1.31E−6	1.3E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.57E+4	1.29E+4	4.07E+3	4.05E+2	4.02E−1	3.97E−6	3.9E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	1.31E+1	4.73E−3	8.65E−9	2.9E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	3.17E+0	2.51E+0	1.70E+0	7.76E−1	7.45E−2	1.50E−3	6.07E−7	4.0E−17	4.4E−34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	9.62E+2	8.55E+1	1.51E+0	4.72E−4	1.4E−14	4.3E−32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	1.25E+1	1.59E−1	1.09E−4	5.2E−11	5.5E−30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.02E+0	8.74E−2	5.68E−2	2.88E−2	9.54E−3	7.40E−3	6.95E−3	5.96E−3	4.94E−3	4.06E−3	3.62E−3	3.48E−3	3.28E−3	2.83E−3	2.25E−3
Actin.	3.41E+4	3.09E+4	2.59E+4	1.96E+4	1.15E+4	6.44E+3	3.19E+3	1.97E+3	1.42E+3	8.28E+2	2.95E+2	1.08E+2	6.35E+1	5.77E+1	4.57E+1
FP	6.99E+4	3.38E+4	1.04E+4	9.87E+2	3.35E+0	2.42E+0	2.40E+0	2.36E+0	2.30E+0	2.18E+0	1.86E+0	1.44E+0	8.92E−1	2.82E−1	9.24E−2
All	1.04E+5	6.47E+4	3.62E+4	2.06E+4	1.15E+4	6.44E+3	3.20E+3	1.97E+3	1.42E+3	8.31E+2	2.97E+2	1.09E+2	6.44E+1	5.80E+1	4.58E+1

表 53　3 号機使用済燃料プール、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	2.44E+2	2.44E+2	2.43E+2	2.43E+2	2.41E+2	2.36E+2	2.19E+2	1.76E+2	9.20E+1	3.47E+1	4.67E+0	8.95E-2	6.30E-7	1.6E-15	1.1E-32
Nb95	4.85E+2	4.84E+2	4.84E+2	4.83E+2	4.80E+2	4.70E+2	4.37E+2	3.55E+2	1.88E+2	7.21E+1	9.78E+0	1.94E-1	1.32E-6	3.4E-15	0.0E+0
	Actinide														
Pu238	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.10E+4	1.09E+4	1.07E+4	1.03E+4	9.48E+3
Cm242	2.79E+4	2.79E+4	2.79E+4	2.79E+4	2.78E+4	2.75E+4	2.67E+4	2.46E+4	1.90E+4	1.30E+4	5.93E+3	1.28E+3	3.71E+1	2.45E+1	2.34E+1
Cm244	9.89E+3	9.89E+3	9.89E+3	9.89E+3	9.89E+3	9.89E+3	9.88E+3	9.86E+3	9.80E+3	9.71E+3	9.52E+3	9.16E+3	8.17E+3	6.75E+3	4.60E+3
	FP														
Sr89	1.43E+3	1.43E+3	1.43E+3	1.43E+3	1.41E+3	1.38E+3	1.25E+3	9.50E+2	4.17E+2	1.21E+2	9.56E+0	6.38E-2	1.89E-8	2.5E-19	0.0E+0
Y90	3.99E+4	3.99E+4	3.99E+4	3.99E+4	3.99E+4	3.99E+4	3.98E+4	3.98E+4	3.96E+4	3.94E+4	3.89E+4	3.80E+4	3.53E+4	3.13E+4	2.46E+4
Y91	3.24E+3	3.24E+3	3.24E+3	3.23E+3	3.20E+3	3.13E+3	2.88E+3	2.27E+3	1.12E+3	3.84E+2	4.28E+1	5.65E-1	1.30E-6	5.2E-16	0.0E+0
Zr95	8.73E+3	8.72E+3	8.71E+3	8.69E+3	8.63E+3	8.45E+3	7.83E+3	6.31E+3	3.29E+3	1.24E+3	1.67E+2	3.20E+0	2.25E-5	5.8E-14	3.9E-31
Nb95	1.74E+4	1.74E+4	1.73E+4	1.73E+4	1.72E+4	1.68E+4	1.57E+4	1.27E+4	6.75E+3	2.58E+3	3.50E+2	6.94E+0	4.73E-5	1.2E-13	7.3E-33
Ru103	1.02E+3	1.02E+3	1.02E+3	1.02E+3	1.01E+3	9.72E+2	8.59E+2	6.03E+2	2.09E+2	4.27E+1	1.62E+0	2.57E-3	1.0E-11	1.0E-25	0.0E+0
Rh103m	6.68E+1	6.67E+1	6.66E+1	6.63E+1	6.56E+1	6.33E+1	5.60E+1	3.93E+1	1.36E+1	2.78E+0	1.06E-1	1.67E-4	6.6E-13	6.6E-27	0.0E+0
Rh106	1.12E+5	1.12E+5	1.12E+5	1.11E+5	1.11E+5	1.11E+5	1.09E+5	1.05E+5	9.44E+4	7.99E+4	5.66E+4	2.88E+4	3.77E+3	1.27E+2	1.46E-1
Cs134	7.92E+4	7.92E+4	7.92E+4	7.91E+4	7.91E+4	7.89E+4	7.84E+4	7.70E+4	7.29E+4	6.71E+4	5.66E+4	4.05E+4	1.48E+4	2.76E+3	9.61E+1
Cs137	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.17E+4	1.16E+4	1.16E+4	1.15E+4	1.14E+4	1.11E+4	1.04E+4	9.26E+3	7.35E+3
Ba137m	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.52E+4	3.51E+4	3.50E+4	3.48E+4	3.44E+4	3.36E+4	3.14E+4	2.80E+4	2.22E+4
Ba140	5.59E-2	5.57E-2	5.55E-2	5.46E-2	5.29E-2	4.75E-2	3.24E-2	1.09E-2	4.20E-4	3.15E-6	1.3E-10	3.2E-19	0.0E+0	0.0E+0	0.0E+0
La140	3.69E-1	3.69E-1	3.67E-1	3.61E-1	3.50E-1	3.14E-1	2.15E-1	7.24E-2	2.78E-3	2.09E-5	8.9E-10	2.1E-18	0.0E+0	0.0E+0	0.0E+0
Ce141	1.61E+2	1.61E+2	1.61E+2	1.60E+2	1.58E+2	1.51E+2	1.30E+2	8.51E+1	2.37E+1	3.47E+0	6.68E-2	2.77E-5	2.0E-15	2.4E-32	0.0E+0
Ce144	1.00E+4	1.00E+4	1.00E+4	1.00E+4	1.00E+4	9.95E+3	9.78E+3	9.32E+3	8.05E+3	6.47E+3	4.12E+3	1.70E+3	1.18E+2	1.39E+0	1.92E-4
Pr143	7.72E-2	7.70E-2	7.67E-2	7.56E-2	7.34E-2	6.62E-2	4.63E-2	1.67E-2	7.80E-4	7.88E-6	6.2E-10	4.9E-18	0.0E+0	0.0E+0	0.0E+0
Pr144	1.12E+5	1.12E+5	1.12E+5	1.12E+5	1.11E+5	1.11E+5	1.09E+5	1.04E+5	8.98E+4	7.21E+4	4.60E+4	1.89E+4	1.31E+3	1.55E+1	2.14E-3
Pm148m	7.86E+1	7.85E+1	7.84E+1	7.80E+1	7.73E+1	7.47E+1	6.64E+1	4.75E+1	1.73E+1	3.83E+0	1.71E-1	3.71E-4	3.8E-12	1.8E-25	0.0E+0
Eu156	3.83E-1	3.82E-1	3.81E-1	3.75E-1	3.66E-1	3.34E-1	2.42E-1	9.73E-2	6.29E-3	1.03E-4	2.20E-8	1.3E-15	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	9.04E+2	9.04E+2	9.03E+2	9.01E+2	8.96E+2	8.81E+2	8.28E+2	6.97E+2	4.29E+2	2.37E+2	1.19E+2	7.62E+1	3.43E+1	1.00E+1	1.01E+0
Actin.	5.43E+4	5.43E+4	5.43E+4	5.43E+4	5.42E+4	5.40E+4	5.32E+4	5.10E+4	4.55E+4	3.95E+4	3.26E+4	2.80E+4	2.69E+4	2.70E+4	2.67E+4
FP	4.52E+5	4.52E+5	4.52E+5	4.52E+5	4.51E+5	4.49E+5	4.43E+5	4.26E+5	3.83E+5	3.35E+5	2.66E+5	1.88E+5	1.10E+5	8.10E+4	6.07E+4
All	5.07E+5	5.07E+5	5.07E+5	5.07E+5	5.06E+5	5.04E+5	4.97E+5	4.77E+5	4.29E+5	3.74E+5	2.99E+5	2.16E+5	1.37E+5	1.08E+5	8.74E+4

表 54　3 号機使用済燃料プール、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	1.69E−1	3.26E−3	4.54E−6	8.8E−12	6.4E−29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	5.91E−2	4.72E−2	3.24E−2	1.52E−2	1.59E−3	3.67E−5	1.96E−8	3.0E−18	1.3E−34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	6.84E−1	3.64E−4	1.27E−9	1.5E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	6.71E−2	3.57E−5	1.2E−10	1.5E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	5.62E+0	5.60E+0	5.57E+0	5.52E+0	5.37E+0	5.12E+0	4.66E+0	3.52E+0	2.20E+0	8.60E−1	5.14E−2	4.69E−4	1.07E−7	6.68E−8	6.53E−8
Pu238	9.48E+3	7.48E+3	5.05E+3	2.30E+3	2.18E+2	4.67E+0	4.27E−3	6.91E−9	8.7E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	8.75E+2	8.74E+2	8.73E+2	8.71E+2	8.64E+2	8.52E+2	8.30E+2	7.66E+2	6.68E+2	5.05E+2	2.15E+2	5.09E+1	2.86E+0	5.05E−4	8.33E−7
Pu240	1.53E+3	1.53E+3	1.52E+3	1.51E+3	1.46E+3	1.39E+3	1.25E+3	9.07E+2	5.34E+2	1.85E+2	7.68E+0	3.83E−2	2.73E−6	1.78E−6	1.77E−6
Pu241	1.30E+2	3.06E+1	2.76E+0	2.36E−2	1.18E−3	1.13E−3	1.04E−3	8.18E−4	5.44E−4	2.41E−4	2.08E−5	3.53E−7	1.0E−10	2.4E−21	0.0E+0
Pu242	6.56E+0	6.56E+0	6.56E+0	6.56E+0	6.56E+0	6.55E+0	6.54E+0	6.51E+0	6.45E+0	6.33E+0	6.00E+0	5.49E+0	4.59E+0	2.68E+0	1.09E+0
Am241	9.94E+3	1.29E+4	1.29E+4	1.10E+4	6.82E+3	3.06E+3	6.16E+2	5.92E+0	5.85E−1	2.58E−1	2.23E−2	3.78E−4	1.14E−7	2.7E−18	0.0E+0
Am243	7.47E+1	7.45E+1	7.41E+1	7.34E+1	7.14E+1	6.81E+1	6.20E+1	4.68E+1	2.93E+1	1.14E+1	6.83E−1	6.24E−3	1.42E−6	8.88E−7	8.68E−7
Cm242	2.34E+1	2.04E+1	1.63E+1	1.03E+1	2.63E+0	2.69E−1	2.81E−3	3.23E−9	4.0E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	5.01E+1	2.42E+1	7.16E+0	6.29E−1	4.27E−4	2.23E−9	6.1E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	4.60E+3	1.46E+3	2.15E+2	4.69E+0	4.83E−5	2.4E−13	5.6E−30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	4.18E+2	6.05E+1	2.41E+0	3.83E−3	1.5E−11	1.6E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	5.16E+3	2.50E+3	7.49E+2	6.72E+1	4.84E−2	2.81E−7	9.4E−18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	2.46E+4	1.19E+4	3.58E+3	3.21E+2	2.31E−1	1.34E−6	4.5E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	7.99E+0	4.25E−3	1.48E−8	1.8E−19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	9.61E+1	4.06E−3	2.1E−10	5.5E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	7.35E+3	3.68E+3	1.16E+3	1.16E+2	1.15E−1	1.14E−6	1.1E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	2.22E+4	1.11E+4	3.51E+3	3.50E+2	3.48E−1	3.43E−6	3.3E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	1.32E+1	4.78E−3	8.75E−9	2.9E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	2.80E+0	2.22E+0	1.50E+0	6.87E−1	6.59E−2	1.33E−3	5.37E−7	3.6E−17	3.9E−34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	8.31E+2	7.38E+1	1.30E+0	4.07E−4	1.2E−14	3.7E−32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	1.11E+1	1.41E−1	9.70E−5	4.6E−11	4.9E−30	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.01E+0	7.44E−2	4.80E−2	2.43E−2	8.02E−3	6.21E−3	5.83E−3	5.01E−3	4.15E−3	3.41E−3	3.04E−3	2.92E−3	2.75E−3	2.38E−3	1.89E−3
Actin.	2.67E+4	2.44E+4	2.06E+4	1.58E+4	9.46E+3	5.39E+3	2.78E+3	1.75E+3	1.25E+3	7.24E+2	2.53E+2	8.96E+1	5.04E+1	4.64E+1	3.74E+1
FP	6.07E+4	2.94E+4	9.01E+3	8.57E+2	2.85E+0	2.04E+0	2.03E+0	1.99E+0	1.94E+0	1.84E+0	1.57E+0	1.22E+0	7.54E−1	2.38E−1	7.70E−2
All	8.74E+4	5.38E+4	2.96E+4	1.67E+4	9.46E+3	5.39E+3	2.78E+3	1.75E+3	1.25E+3	7.26E+2	2.54E+2	9.08E+1	5.11E+1	4.66E+1	3.75E+1

表 55　4 号機使用済燃料プール、短期発熱量(W/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
Zr95	4.83E+3	4.82E+3	4.82E+3	4.80E+3	4.77E+3	4.67E+3	4.33E+3	3.49E+3	1.82E+3	6.87E+2	9.25E+1	1.77E+0	1.25E-5	3.2E-14	2.1E-31
Nb95	7.84E+3	7.84E+3	7.83E+3	7.81E+3	7.78E+3	7.65E+3	7.21E+3	6.06E+3	3.44E+3	1.38E+3	1.92E+2	3.84E+0	2.61E-5	6.8E-14	0.0E+0
	Actinide														
Pu238	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.47E+4	2.48E+4	2.49E+4	2.49E+4	2.48E+4	2.42E+4	2.33E+4	2.15E+4
Cm242	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.06E+5	1.05E+5	1.02E+5	9.37E+4	7.27E+4	4.96E+4	2.26E+4	4.85E+3	1.11E+2	6.38E+1	6.09E+1
Cm244	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.02E+4	2.01E+4	2.00E+4	1.98E+4	1.94E+4	1.87E+4	1.67E+4	1.38E+4	9.38E+3
	FP														
Sr89	6.28E+4	6.27E+4	6.27E+4	6.24E+4	6.19E+4	6.02E+4	5.47E+4	4.16E+4	1.83E+4	5.31E+3	4.19E+2	2.79E+0	8.29E-7	1.1E-17	0.0E+0
Y90	9.25E+4	9.25E+4	9.25E+4	9.25E+4	9.25E+4	9.25E+4	9.25E+4	9.24E+4	9.20E+4	9.14E+4	9.03E+4	8.82E+4	8.20E+4	7.27E+4	5.71E+4
Y91	1.01E+5	1.01E+5	1.01E+5	1.01E+5	1.00E+5	9.80E+4	9.02E+4	7.11E+4	3.49E+4	1.20E+4	1.34E+3	1.77E+1	4.07E-5	1.6E-14	0.0E+0
Zr95	2.10E+5	2.10E+5	2.10E+5	2.09E+5	2.08E+5	2.04E+5	1.89E+5	1.52E+5	7.94E+4	2.99E+4	4.03E+3	7.72E+1	5.43E-4	1.4E-12	9.4E-30
Nb95	3.43E+5	3.43E+5	3.43E+5	3.42E+5	3.40E+5	3.35E+5	3.16E+5	2.65E+5	1.50E+5	6.00E+4	8.38E+3	1.67E+2	1.14E-3	2.9E-12	1.8E-31
Ru103	6.33E+4	6.33E+4	6.32E+4	6.29E+4	6.22E+4	6.01E+4	5.31E+4	3.73E+4	1.29E+4	2.64E+3	1.00E+2	1.59E-1	6.3E-10	6.2E-24	0.0E+0
Rh103m	4.13E+3	4.12E+3	4.12E+3	4.10E+3	4.06E+3	3.91E+3	3.46E+3	2.43E+3	8.42E+2	1.72E+2	6.53E+0	1.04E-2	4.1E-11	4.1E-25	0.0E+0
Rh106	3.42E+5	3.42E+5	3.42E+5	3.42E+5	3.42E+5	3.40E+5	3.36E+5	3.24E+5	2.90E+5	2.45E+5	1.74E+5	8.83E+4	1.16E+4	3.90E+2	4.46E-1
Cs134	1.66E+5	1.66E+5	1.66E+5	1.66E+5	1.66E+5	1.66E+5	1.65E+5	1.62E+5	1.53E+5	1.41E+5	1.19E+5	8.51E+4	3.11E+4	5.80E+3	2.02E+2
Cs137	2.66E+4	2.66E+4	2.66E+4	2.66E+4	2.66E+4	2.66E+4	2.66E+4	2.66E+4	2.65E+4	2.63E+4	2.60E+4	2.54E+4	2.37E+4	2.11E+4	1.68E+4
Ba137m	8.03E+4	8.03E+4	8.03E+4	8.03E+4	8.03E+4	8.03E+4	8.03E+4	8.02E+4	7.99E+4	7.94E+4	7.85E+4	7.67E+4	7.16E+4	6.38E+4	5.07E+4
Ba140	1.61E+3	1.61E+3	1.60E+3	1.57E+3	1.52E+3	1.37E+3	9.35E+2	3.15E+2	1.21E+1	9.09E-2	3.86E-6	9.2E-15	0.0E+0	0.0E+0	0.0E+0
La140	1.06E+4	1.06E+4	1.06E+4	1.04E+4	1.01E+4	9.04E+3	6.18E+3	2.09E+3	8.00E+1	6.01E-1	2.55E-5	6.1E-14	0.0E+0	0.0E+0	0.0E+0
Ce141	2.08E+4	2.08E+4	2.08E+4	2.07E+4	2.04E+4	1.96E+4	1.68E+4	1.10E+4	3.06E+3	4.48E+2	8.63E+0	3.57E-3	2.5E-13	3.1E-30	0.0E+0
Ce144	4.80E+4	4.80E+4	4.80E+4	4.80E+4	4.79E+4	4.77E+4	4.69E+4	4.46E+4	3.86E+4	3.10E+4	1.97E+4	8.12E+3	5.65E+2	6.65E+0	9.21E-4
Pr143	1.34E+3	1.33E+3	1.33E+3	1.31E+3	1.27E+3	1.15E+3	8.02E+2	2.89E+2	1.35E+1	1.36E-1	1.06E-5	8.5E-14	0.0E+0	0.0E+0	0.0E+0
Pr144	5.35E+5	5.35E+5	5.34E+5	5.35E+5	5.34E+5	5.31E+5	5.22E+5	4.97E+5	4.30E+5	3.45E+5	2.20E+5	9.05E+4	6.30E+3	7.41E+1	1.03E-2
Pm148m	4.24E+3	4.23E+3	4.23E+3	4.21E+3	4.17E+3	4.03E+3	3.58E+3	2.56E+3	9.35E+2	2.06E+2	9.20E+0	1.99E-2	2.0E-10	9.9E-24	0.0E+0
Eu156	1.53E+3	1.53E+3	1.52E+3	1.50E+3	1.46E+3	1.34E+3	9.71E+2	3.90E+2	2.52E+1	4.14E-1	8.80E-5	5.1E-12	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	1.34E+4	1.34E+4	1.34E+4	1.33E+4	1.33E+4	1.30E+4	1.22E+4	1.02E+4	5.78E+3	2.47E+3	5.67E+2	1.89E+2	7.89E+1	2.28E+1	2.26E+0
Actin.	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.65E+5	1.64E+5	1.61E+5	1.53E+5	1.32E+5	1.09E+5	8.22E+4	6.48E+4	6.07E+4	6.13E+4	6.12E+4
FP	2.17E+6	2.17E+6	2.17E+6	2.16E+6	2.16E+6	2.13E+6	2.06E+6	1.86E+6	1.46E+6	1.12E+6	7.83E+5	4.99E+5	2.55E+5	1.86E+5	1.40E+5
All	2.35E+6	2.35E+6	2.35E+6	2.34E+6	2.34E+6	2.31E+6	2.23E+6	2.03E+6	1.60E+6	1.23E+6	8.66E+5	5.64E+5	3.16E+5	2.47E+5	2.01E+5

表 56　4 号機使用済燃料プール、長期発熱量(W/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
Co60	3.22E-1	6.22E-3	8.67E-6	1.7E-11	1.2E-28	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ni63	1.36E-1	1.08E-1	7.43E-2	3.50E-2	3.65E-3	8.44E-5	4.51E-8	6.9E-18	3.0E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	1.57E+0	8.35E-4	2.91E-9	3.5E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Te125m	1.54E-1	8.19E-5	2.9E-10	3.5E-21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
Np239	1.22E+1	1.22E+1	1.21E+1	1.20E+1	1.17E+1	1.11E+1	1.01E+1	7.66E+0	4.79E+0	1.87E+0	1.12E-1	1.02E-3	2.27E-7	1.40E-7	1.37E-7
Pu238	2.15E+4	1.70E+4	1.15E+4	5.22E+3	4.97E+2	1.08E+1	1.06E-2	1.79E-8	2.2E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	2.21E+3	2.21E+3	2.21E+3	2.20E+3	2.18E+3	2.15E+3	2.10E+3	1.93E+3	1.68E+3	1.27E+3	5.40E+2	1.28E+2	7.18E+0	1.27E-3	1.74E-6
Pu240	3.42E+3	3.43E+3	3.41E+3	3.38E+3	3.27E+3	3.10E+3	2.79E+3	2.03E+3	1.20E+3	4.14E+2	1.72E+1	8.57E-2	5.73E-6	3.60E-6	3.59E-6
Pu241	3.00E+2	7.08E+1	6.38E+0	5.43E-2	2.49E-3	2.39E-3	2.20E-3	1.72E-3	1.15E-3	5.07E-4	4.39E-5	7.44E-7	2.1E-10	5.0E-21	0.0E+0
Pu242	1.44E+1	1.44E+1	1.44E+1	1.44E+1	1.44E+1	1.44E+1	1.43E+1	1.43E+1	1.41E+1	1.39E+1	1.32E+1	1.20E+1	1.01E+1	5.88E+0	2.40E+0
Am241	2.40E+4	3.08E+4	3.06E+4	2.63E+4	1.63E+4	7.29E+3	1.47E+3	1.39E+1	1.23E+0	5.43E-1	4.70E-2	7.97E-4	2.41E-7	5.7E-18	0.0E+0
Am243	1.63E+2	1.62E+2	1.61E+2	1.60E+2	1.55E+2	1.48E+2	1.35E+2	1.02E+2	6.37E+1	2.49E+1	1.49E+0	1.36E-2	3.01E-6	1.86E-6	1.82E-6
Cm242	6.09E+1	5.31E+1	4.23E+1	2.68E+1	6.82E+0	6.98E-1	7.30E-3	8.38E-9	1.1E-18	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.08E+2	5.21E+1	1.55E+1	1.36E+0	9.21E-4	4.82E-9	1.3E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	9.38E+3	2.98E+3	4.39E+2	9.56E+0	9.85E-5	4.8E-13	1.1E-29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	FP														
Kr85	9.50E+2	1.37E+2	5.48E+0	8.71E-3	3.5E-11	3.5E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sr90	1.20E+4	5.81E+3	1.74E+3	1.56E+2	1.12E-1	6.52E-7	2.2E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Y90	5.71E+4	2.77E+4	8.30E+3	7.44E+2	5.36E-1	3.11E-6	1.0E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sb125	1.81E+1	9.62E-3	3.36E-8	4.1E-19	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs134	2.02E+2	8.55E-3	4.4E-10	1.2E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cs137	1.68E+4	8.40E+3	2.65E+3	2.65E+2	2.63E-1	2.59E-6	2.5E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Ba137m	5.07E+4	2.54E+4	8.01E+3	7.99E+2	7.93E-1	7.83E-6	7.6E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pm147	3.55E+1	1.28E-2	2.34E-8	7.9E-20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Sm151	6.86E+0	5.43E+0	3.67E+0	1.68E+0	1.61E-1	3.25E-3	1.31E-6	8.7E-17	9.5E-34	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu154	1.74E+3	1.55E+2	2.73E+0	8.53E-4	2.6E-14	7.7E-32	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Eu155	2.32E+1	2.94E-1	2.02E-4	9.6E-11	1.0E-29	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
Activ.	2.26E+0	1.69E-1	1.10E-1	5.58E-2	1.85E-2	1.43E-2	1.34E-2	1.16E-2	9.57E-3	7.86E-3	7.01E-3	6.75E-3	6.35E-3	5.48E-3	4.36E-3
Actin.	6.12E+4	5.68E+4	4.84E+4	3.73E+4	2.24E+4	1.28E+4	6.54E+3	4.13E+3	2.99E+3	1.76E+3	6.27E+2	2.18E+2	1.19E+2	1.10E+2	9.01E+1
FP	1.40E+5	6.76E+4	2.07E+4	1.97E+3	6.59E+0	4.72E+0	4.69E+0	4.61E+0	4.49E+0	4.25E+0	3.63E+0	2.82E+0	1.75E+0	5.59E-1	1.83E-1
All	2.01E+5	1.24E+5	6.91E+4	3.93E+4	2.24E+4	1.28E+4	6.55E+3	4.13E+3	3.00E+3	1.77E+3	6.31E+2	2.21E+2	1.20E+2	1.11E+2	9.03E+1

3.4　光子放出率

表 57　1 号機炉心、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	8.4E+15	8.0E+15	7.5E+15	6.0E+15	3.9E+15	1.6E+15	1.0E+15	7.7E+14	4.3E+14	2.2E+14	9.5E+13	4.5E+13	1.3E+13	3.4E+12	3.0E+11
0.025	6.9E+15	6.8E+15	6.7E+15	6.4E+15	6.0E+15	5.4E+15	4.5E+15	3.2E+15	2.2E+15	1.7E+15	1.1E+15	6.5E+14	2.3E+14	6.2E+13	5.0E+12
0.0375	9.3E+14	8.9E+14	8.4E+14	6.9E+14	4.8E+14	2.6E+14	2.1E+14	2.0E+14	1.9E+14	1.7E+14	1.5E+14	1.2E+14	5.5E+13	1.6E+13	1.3E+12
0.0575	1.1E+15	1.0E+15	9.6E+14	7.4E+14	4.3E+14	1.0E+14	4.1E+13	3.0E+13	1.6E+13	7.3E+12	1.9E+12	5.9E+11	1.5E+11	3.6E+10	3.0E+9
0.085	6.6E+14	6.2E+14	5.8E+14	4.4E+14	2.6E+14	5.6E+13	1.9E+13	1.3E+13	6.4E+12	2.7E+12	5.7E+11	1.5E+11	5.8E+10	1.6E+10	1.4E+9
0.125	4.8E+14	4.5E+14	4.2E+14	3.2E+14	1.9E+14	4.0E+13	1.4E+13	9.9E+12	6.6E+12	4.7E+12	3.3E+12	2.4E+12	1.1E+12	3.2E+11	2.6E+10
0.225	5.3E+15	5.2E+15	5.0E+15	4.4E+15	3.7E+15	2.7E+15	1.9E+15	7.8E+14	1.6E+14	8.2E+13	5.1E+13	3.5E+13	1.6E+13	4.6E+12	3.8E+11
0.375	3.8E+15	2.8E+15	2.6E+15	2.1E+15	1.4E+15	6.3E+14	4.7E+14	4.1E+14	3.4E+14	3.1E+14	2.7E+14	2.1E+14	9.8E+13	2.8E+13	2.3E+12
0.575	9.8E+16	9.6E+16	9.1E+16	7.0E+16	3.7E+16	5.9E+15	6.1E+14	5.1E+14	4.5E+14	4.0E+14	3.5E+14	2.7E+14	1.3E+14	3.6E+13	2.9E+12
0.85	1.4E+17	1.4E+17	1.3E+17	1.2E+17	9.9E+16	7.7E+16	7.0E+16	6.3E+16	3.9E+16	1.7E+16	2.4E+15	6.0E+13	1.1E+12	1.9E+10	2.4E+7
1.25	5.4E+15	5.2E+15	4.8E+15	3.6E+15	2.1E+15	4.2E+14	9.3E+13	2.8E+13	6.8E+12	5.6E+12	4.7E+12	3.9E+12	2.6E+12	1.4E+12	3.6E+11
1.75	1.5E+15	1.5E+15	1.3E+15	1.0E+15	5.7E+14	8.9E+13	8.5E+12	5.6E+12	2.7E+12	9.7E+11	1.2E+11	2.2E+9	9.9E+5	3.2E+4	2.1E+4
2.25	3.3E+13	3.1E+13	2.9E+13	2.7E+13	2.6E+13	2.3E+13	1.4E+13	3.7E+12	3.1E+11	9.4E+10	1.1E+10	1.9E+8	1.4E+7	7.2E+6	1.9E+6
2.75	4.8E+12	4.7E+11	2.7E+11	4.2E+10	1.5E+9	5.3E+8	4.8E+8	3.9E+8	1.9E+8	6.9E+7	8.2E+6	1.8E+5	4.3E+4	2.2E+4	6.0E+3
3.5	8.7E+11	4.0E+10	2.4E+10	3.6E+9	9.0E+7	9.5E+2	4.4E-12	6.9E-16	6.9E-16	6.9E-16	6.9E-16	6.9E-16	6.9E-16	6.9E-16	6.9E-16
5	3.4E+11	3.0E+4	3.5E+2	6.1E-5	6.0E-8	4.8E-13	4.1E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	3.2E+14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	3.2E+11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.9E+19	2.4E+19	2.2E+19	2.0E+19	1.7E+19	9.7E+18	1.4E+18	4.7E+16	1.2E+16	8.4E+15	4.7E+15	2.4E+15	1.8E+15	2.0E+15	2.2E+15
0.025	1.5E+17	6.5E+16	4.6E+16	4.2E+16	3.8E+16	2.6E+16	8.7E+15	9.6E+14	1.9E+13	1.9E+13	2.3E+13	3.2E+13	5.4E+13	8.5E+13	1.3E+14
0.0375	1.4E+18	2.8E+17	5.1E+16	4.0E+16	3.3E+16	1.9E+16	2.7E+15	1.0E+14	3.0E+13	2.2E+13	1.4E+13	8.9E+12	9.1E+12	1.1E+13	1.5E+13
0.0575	7.8E+17	6.9E+17	6.6E+17	6.2E+17	5.5E+17	3.8E+17	1.3E+17	1.5E+16	2.7E+14	2.8E+14	3.4E+14	4.6E+14	8.0E+14	1.3E+15	1.9E+15
0.085	1.6E+19	6.2E+18	4.2E+18	3.8E+18	3.2E+18	1.8E+18	2.7E+17	7.3E+15	4.0E+13	2.6E+13	2.6E+13	2.6E+13	2.6E+13	2.6E+13	2.5E+13
0.125	1.2E+19	1.2E+19	1.2E+19	1.1E+19	9.2E+18	5.2E+18	7.3E+17	1.3E+16	5.0E+13	2.5E+13	2.4E+13	2.4E+13	2.3E+13	2.2E+13	2.1E+13
0.225	8.6E+18	8.5E+18	8.3E+18	7.6E+18	6.4E+18	3.6E+18	5.1E+17	1.0E+16	3.8E+13	1.9E+13	1.9E+13	1.8E+13	1.8E+13	1.6E+13	1.5E+13
0.375	8.5E+17	8.2E+17	7.9E+17	7.3E+17	6.1E+17	3.4E+17	4.7E+16	6.4E+14	2.2E+12	1.2E+12	1.2E+12	1.2E+12	1.2E+12	1.2E+12	1.2E+12
0.575	1.3E+17	2.9E+16	5.9E+15	3.7E+15	3.1E+15	1.7E+15	2.1E+14	7.7E+11	1.8E+11	1.3E+11	6.9E+10	3.4E+10	3.5E+10	4.8E+10	6.1E+10
0.85	3.2E+17	1.3E+17	8.6E+16	7.6E+16	6.3E+16	3.3E+16	3.3E+15	4.8E+12	9.8E+10	8.7E+10	7.5E+10	6.8E+10	6.8E+10	6.9E+10	6.8E+10
1.25	5.8E+16	5.5E+16	5.3E+16	4.8E+16	3.9E+16	2.0E+16	2.1E+15	3.0E+12	4.6E+10	4.3E+10	3.9E+10	3.6E+10	3.4E+10	3.3E+10	3.1E+10
1.75	3.9E+13	5.1E+11	3.4E+11	2.4E+11	1.3E+11	2.1E+10	1.0E+10	9.6E+9	8.5E+9	7.2E+9	5.8E+9	4.9E+9	4.7E+9	4.6E+9	4.0E+9
2.25	5.4E+9	5.4E+9	5.4E+9	5.4E+9	5.4E+9	5.3E+9	5.2E+9	5.0E+9	4.3E+9	3.5E+9	2.7E+9	2.0E+9	1.7E+9	1.4E+9	9.7E+8
2.75	5.9E+9	6.0E+9	6.0E+9	5.9E+9	6.1E+9	5.9E+9	5.9E+9	5.8E+9	5.7E+9	5.7E+9	6.0E+9	7.4E+9	1.2E+10	1.6E+10	1.6E+10
3.5	2.8E+9	2.8E+9	2.8E+9	2.8E+9	2.8E+9	2.8E+9	2.7E+9	2.6E+9	2.2E+9	1.8E+9	1.4E+9	1.1E+9	8.8E+8	7.3E+8	5.1E+8

5	1.2E+9	1.2E+9	1.2E+9	1.2E+9	1.2E+9	1.2E+9	1.2E+9	1.1E+9	9.6E+8	7.9E+8	5.9E+8	4.5E+8	3.8E+8	3.1E+8	2.2E+8
7	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.3E+8	1.3E+8	1.1E+8	9.1E+7	6.8E+7	5.2E+7	4.3E+7	3.6E+7	2.5E+7
9.5	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.5E+7	1.5E+7	1.3E+7	1.0E+7	7.9E+6	6.0E+6	5.0E+6	4.1E+6	2.9E+6
	FP														
0.01	1.3E+19	3.7E+18	2.8E+18	2.1E+18	1.7E+18	1.2E+18	6.7E+17	3.7E+17	1.9E+17	1.3E+17	7.9E+16	4.1E+16	1.4E+16	9.7E+15	7.3E+15
0.025	6.4E+18	3.5E+18	2.9E+18	2.4E+18	2.0E+18	1.4E+18	6.6E+17	2.5E+17	7.8E+16	3.9E+16	2.3E+16	1.3E+16	5.1E+15	2.5E+15	1.5E+15
0.0375	7.4E+18	4.7E+18	4.3E+18	3.9E+18	3.4E+18	2.4E+18	1.2E+18	5.1E+17	2.2E+17	1.4E+17	8.8E+16	4.7E+16	1.7E+16	1.3E+16	9.3E+15
0.0575	2.7E+18	1.0E+18	8.9E+17	7.3E+17	5.7E+17	3.3E+17	1.2E+17	6.3E+16	3.8E+16	2.7E+16	1.7E+16	9.0E+15	3.0E+15	2.0E+15	1.4E+15
0.085	3.7E+18	1.9E+18	1.6E+18	1.5E+18	1.4E+18	1.1E+18	5.7E+17	1.4E+17	5.0E+16	3.7E+16	2.4E+16	1.2E+16	2.9E+15	1.5E+15	9.2E+14
0.125	7.5E+18	5.0E+18	4.4E+18	4.1E+18	3.7E+18	2.7E+18	1.4E+18	8.5E+17	3.3E+17	1.4E+17	7.4E+16	3.3E+16	5.7E+15	2.5E+15	1.3E+15
0.225	2.2E+19	8.0E+18	6.2E+18	5.0E+18	3.6E+18	1.7E+18	4.3E+17	8.7E+16	2.9E+16	1.8E+16	1.1E+16	6.1E+15	2.1E+15	1.3E+15	8.6E+14
0.375	1.7E+19	5.3E+18	3.3E+18	2.5E+18	2.2E+18	1.7E+18	1.0E+18	2.7E+17	2.6E+16	1.3E+16	9.1E+15	5.4E+15	1.9E+15	7.9E+14	3.8E+14
0.575	3.4E+19	2.0E+19	1.6E+19	1.3E+19	9.5E+18	6.0E+18	3.5E+18	1.9E+18	9.4E+17	6.1E+17	4.7E+17	3.6E+17	2.3E+17	1.7E+17	1.3E+17
0.85	3.8E+19	2.0E+19	1.4E+19	9.9E+18	8.2E+18	6.3E+18	4.6E+18	3.4E+18	2.0E+18	9.5E+17	2.4E+17	9.4E+16	3.4E+16	7.8E+15	1.1E+15
1.25	2.1E+19	8.2E+18	4.6E+18	2.2E+18	1.0E+18	4.8E+17	1.9E+17	7.1E+16	3.4E+16	2.6E+16	2.0E+16	1.3E+16	5.6E+15	2.5E+15	9.5E+14
1.75	8.0E+18	4.4E+18	3.4E+18	2.6E+18	2.3E+18	2.1E+18	1.5E+18	5.0E+17	2.1E+16	1.9E+15	1.2E+15	6.2E+14	1.5E+14	6.6E+13	3.0E+13
2.25	4.1E+18	1.7E+18	7.6E+17	2.0E+17	1.0E+17	7.9E+16	4.9E+16	2.3E+16	9.3E+15	6.9E+15	4.4E+15	1.9E+15	1.4E+14	2.1E+12	1.7E+9
2.75	1.9E+18	6.5E+17	2.7E+17	9.5E+16	8.5E+16	7.9E+16	5.6E+16	1.9E+16	8.0E+14	6.9E+13	4.5E+13	2.3E+13	2.9E+12	9.7E+10	1.1E+8
3.5	9.3E+17	1.6E+17	5.7E+16	3.4E+15	7.3E+14	6.6E+14	4.7E+14	1.7E+14	1.6E+13	9.0E+12	6.3E+12	3.2E+12	4.2E+11	1.4E+10	1.6E+7
5	4.4E+17	1.9E+15	9.2E+14	1.6E+14	5.3E+12	4.3E+7	3.5E−4	3.5E−4	3.7E−4	3.9E−4	4.3E−4	5.0E−4	6.2E−4	7.0E−4	7.2E−4
7	3.9E+15	2.6E−4	2.2E−5	2.2E−5	2.2E−5	2.2E−5	2.2E−5	2.3E−5	2.4E−5	2.5E−5	2.8E−5	3.2E−5	4.0E−5	4.5E−5	4.7E−5
9.5	4.3E+11	1.4E−6	1.4E−6	1.4E−6	1.4E−6	1.4E−6	1.4E−6	1.4E−6	1.5E−6	1.6E−6	1.8E−6	2.0E−6	2.6E−6	2.9E−6	3.0E−6
	All														
0.01	4.1E+19	2.7E+19	2.5E+19	2.2E+19	1.9E+19	1.1E+19	2.1E+18	4.1E+17	2.0E+17	1.4E+17	8.4E+16	4.4E+16	1.6E+16	1.2E+16	9.6E+15
0.025	6.5E+18	3.5E+18	2.9E+18	2.5E+18	2.1E+18	1.5E+18	6.7E+17	2.5E+17	8.0E+16	4.1E+16	2.4E+16	1.4E+16	5.4E+15	2.7E+15	1.6E+15
0.0375	8.8E+18	4.9E+18	4.4E+18	3.9E+18	3.5E+18	2.5E+18	1.2E+18	5.1E+17	2.2E+17	1.4E+17	8.8E+16	4.7E+16	1.7E+16	1.3E+16	9.3E+15
0.0575	3.5E+18	1.7E+18	1.6E+18	1.4E+18	1.1E+18	7.1E+17	2.6E+17	7.8E+16	3.9E+16	2.7E+16	1.8E+16	9.5E+15	3.8E+15	3.2E+15	3.3E+15
0.085	1.9E+19	8.1E+18	5.8E+18	5.3E+18	4.6E+18	3.0E+18	8.4E+17	1.4E+17	5.0E+16	3.7E+16	2.4E+16	1.2E+16	2.9E+15	1.5E+15	9.4E+14
0.125	2.0E+19	1.7E+19	1.6E+19	1.5E+19	1.3E+19	7.9E+18	2.2E+18	8.6E+17	3.3E+17	1.4E+17	7.4E+16	3.3E+16	5.7E+15	2.5E+15	1.3E+15
0.225	3.0E+19	1.6E+19	1.4E+19	1.3E+19	1.0E+19	5.3E+18	9.4E+17	9.8E+16	2.9E+16	1.8E+16	1.1E+16	6.1E+15	2.1E+15	1.3E+15	8.7E+14
0.375	1.8E+19	6.1E+18	4.1E+18	3.2E+18	2.8E+18	2.1E+18	1.0E+18	2.7E+17	2.6E+16	1.4E+16	9.4E+15	5.6E+15	2.0E+15	8.2E+14	3.8E+14
0.575	3.5E+19	2.0E+19	1.6E+19	1.3E+19	9.5E+18	6.0E+18	3.5E+18	1.9E+18	9.4E+17	6.1E+17	4.7E+17	3.6E+17	2.3E+17	1.7E+17	1.3E+17
0.85	3.8E+19	2.0E+19	1.4E+19	1.0E+19	8.4E+18	6.4E+18	4.7E+18	3.5E+18	2.1E+18	9.6E+17	2.5E+17	9.4E+16	3.4E+16	7.8E+15	1.1E+15
1.25	2.1E+19	8.3E+18	4.7E+18	2.2E+18	1.1E+18	5.0E+17	1.9E+17	7.1E+16	3.4E+16	2.6E+16	2.0E+16	1.3E+16	5.6E+15	2.5E+15	9.5E+14
1.75	8.0E+18	4.4E+18	3.4E+18	2.6E+18	2.3E+18	2.1E+18	1.5E+18	5.0E+17	2.1E+16	1.9E+15	1.2E+15	6.2E+14	1.5E+14	6.6E+13	3.0E+13
2.25	4.1E+18	1.7E+18	7.6E+17	2.0E+17	1.0E+17	7.9E+16	4.9E+16	2.3E+16	9.3E+15	6.9E+15	4.4E+15	1.9E+15	1.4E+14	2.1E+12	2.7E+9
2.75	1.9E+18	6.5E+17	2.7E+17	9.5E+16	8.5E+16	7.9E+16	5.6E+16	1.9E+16	8.0E+14	6.9E+13	4.5E+13	2.3E+13	2.9E+12	1.1E+11	1.6E+10
3.5	9.3E+17	1.6E+17	5.7E+16	3.4E+15	7.3E+14	6.6E+14	4.7E+14	1.7E+14	1.6E+13	9.0E+12	6.3E+12	3.2E+12	4.2E+11	1.5E+10	5.2E+8
5	4.4E+17	1.9E+15	9.2E+14	1.6E+14	5.3E+12	1.2E+9	1.2E+9	1.1E+9	9.6E+8	7.9E+8	5.9E+8	4.5E+8	3.8E+8	3.1E+8	2.2E+8
7	4.3E+15	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.3E+8	1.3E+8	1.1E+8	9.1E+7	6.8E+7	5.2E+7	4.3E+7	3.6E+7	2.5E+7
9.5	7.5E+11	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.5E+7	1.5E+7	1.3E+7	1.0E+7	7.9E+6	6.0E+6	5.0E+6	4.1E+6	2.9E+6

	Total photon/sec														
Activ.	2.7E+17	2.7E+17	2.6E+17	2.1E+17	1.6E+17	9.4E+16	7.9E+16	6.8E+16	4.3E+16	2.0E+16	4.5E+15	1.4E+15	5.4E+14	1.5E+14	1.3E+13
Actin.	6.9E+19	5.3E+19	4.8E+19	4.4E+19	3.7E+19	2.1E+19	3.1E+18	9.4E+16	1.2E+16	8.8E+15	5.2E+15	2.9E+15	2.8E+15	3.4E+15	4.3E+15
FP	1.9E+20	8.8E+19	6.5E+19	5.0E+19	4.0E+19	2.8E+19	1.6E+19	8.5E+18	4.0E+18	2.1E+18	1.1E+18	6.4E+17	3.2E+17	2.1E+17	1.5E+17
All	2.6E+20	1.4E+20	1.1E+20	9.4E+19	7.7E+19	4.9E+19	1.9E+19	8.7E+18	4.1E+18	2.2E+18	1.1E+18	6.4E+17	3.2E+17	2.1E+17	1.5E+17
	Total MeV/sec														
Activ.	1.9E+17	1.9E+17	1.8E+17	1.5E+17	1.1E+17	7.0E+16	6.1E+16	5.4E+16	3.4E+16	1.5E+16	2.4E+15	3.2E+14	1.3E+14	3.6E+13	3.2E+12
Actin.	5.9E+18	4.7E+18	4.4E+18	4.0E+18	3.4E+18	1.9E+18	2.7E+17	6.1E+15	1.5E+14	1.1E+14	7.8E+13	6.1E+13	7.6E+13	1.0E+14	1.4E+14
FP	1.3E+20	5.7E+19	3.9E+19	2.7E+19	2.1E+19	1.5E+19	9.8E+18	5.4E+18	2.5E+18	1.2E+18	5.4E+17	3.2E+17	1.7E+17	1.1E+17	7.5E+16
All	1.3E+20	6.2E+19	4.3E+19	3.1E+19	2.4E+19	1.7E+19	1.0E+19	5.4E+18	2.5E+18	1.3E+18	5.4E+17	3.2E+17	1.7E+17	1.1E+17	7.5E+16

表 58　1 号機炉心、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	3.0E+11	3.4E+10	3.6E+10	3.5E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.3E+10	3.2E+10	3.1E+10	2.7E+10	2.1E+10
0.025	5.0E+12	2.9E+9	1.7E+8	1.1E+8	5.6E+7	4.8E+7	4.3E+7	3.1E+7	1.9E+7	9.2E+6	5.0E+6	4.8E+6	4.5E+6	4.0E+6	3.2E+6
0.0375	1.3E+12	7.3E+8	4.8E+7	3.4E+7	2.3E+7	2.1E+7	1.9E+7	1.3E+7	7.7E+6	2.9E+6	9.6E+5	8.8E+5	8.4E+5	7.3E+5	5.8E+5
0.0575	3.0E+9	2.8E+7	2.1E+7	1.8E+7	1.7E+7	1.6E+7	1.4E+7	9.6E+6	5.3E+6	1.6E+6	1.1E+5	6.7E+4	6.4E+4	5.6E+4	4.4E+4
0.085	1.4E+9	6.4E+6	3.4E+6	2.8E+6	2.6E+6	2.5E+6	2.2E+6	1.5E+6	8.3E+5	2.5E+5	7.9E+3	1.2E+3	1.1E+3	8.9E+2	6.9E+2
0.125	2.6E+10	1.6E+7	6.8E+5	2.5E+5	2.0E+5	1.9E+5	1.6E+5	1.1E+5	6.3E+4	1.9E+4	1.2E+3	6.1E+2	5.6E+2	4.7E+2	3.7E+2
0.225	3.8E+11	2.0E+8	6.7E+5	6.1E+4	8.7E+2	8.2E+2	8.0E+2	7.7E+2	7.2E+2	6.4E+2	5.3E+2	4.7E+2	4.4E+2	3.8E+2	3.0E+2
0.375	2.3E+12	1.2E+9	3.2E+5	2.8E+4	9.2E+1	7.2E+1	7.1E+1	6.9E+1	6.6E+1	6.2E+1	5.5E+1	5.1E+1	4.8E+1	4.2E+1	3.4E+1
0.575	2.9E+12	1.5E+9	1.9E+5	1.6E+4	1.2E+1	5.3E−1	5.3E−1	5.3E−1	5.3E−1	5.3E−1	5.2E−1	5.1E−1	4.9E−1	4.3E−1	3.5E−1
0.85	2.4E+7	4.6E+6	4.2E+6	4.1E+6	4.0E+6	4.0E+6	3.8E+6	3.5E+6	2.9E+6	2.1E+6	7.5E+5	1.3E+5	4.4E+3	1.6E−1	5.9E−9
1.25	3.6E+11	7.0E+9	9.8E+6	2.4E+3	1.7E+0	9.9E−6	2.2E−12	1.5E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
1.75	2.1E+4	1.0E+4	3.0E+3	2.7E+2	1.9E−1	1.1E−6	1.1E−13	7.5E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	1.9E+6	3.7E+4	5.3E+1	6.4E−2	4.6E−5	2.7E−10	8.5E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	6.0E+3	1.2E+2	1.6E−1	3.1E−7	1.7E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	6.9E−16	2.2E−16	2.2E−16	2.2E−16	2.2E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.2E+15	2.4E+15	2.1E+15	1.7E+15	1.0E+15	5.6E+14	2.5E+14	1.4E+14	9.2E+13	4.8E+13	1.6E+13	8.0E+12	6.8E+12	7.0E+12	6.2E+12
0.025	1.3E+14	1.8E+14	1.8E+14	1.5E+14	9.4E+13	4.2E+13	8.7E+12	3.6E+11	2.9E+11	2.8E+11	2.9E+11	3.0E+11	3.0E+11	2.8E+11	2.4E+11
0.0375	1.5E+13	1.8E+13	1.7E+13	1.5E+13	9.4E+12	5.0E+12	2.1E+12	1.1E+12	7.1E+11	3.3E+11	1.8E+11	3.0E+11	5.3E+11	7.4E+11	7.1E+11
0.0575	1.9E+15	2.6E+15	2.6E+15	2.2E+15	1.4E+15	6.2E+14	1.3E+14	1.7E+12	4.9E+11	2.9E+11	1.6E+11	1.5E+11	1.7E+11	1.7E+11	1.5E+11
0.085	2.5E+13	2.3E+13	2.2E+13	2.1E+13	2.0E+13	1.9E+13	1.7E+13	1.3E+13	8.6E+12	4.2E+12	1.8E+12	2.0E+12	2.4E+12	2.7E+12	2.4E+12

0.125	2.1E+13	1.8E+13	1.6E+13	1.4E+13	1.3E+13	1.2E+13	1.1E+13	8.0E+12	5.1E+12	2.2E+12	3.9E+11	3.1E+11	3.6E+11	4.0E+11	3.7E+11
0.225	1.5E+13	1.1E+13	9.3E+12	8.4E+12	8.1E+12	7.7E+12	7.0E+12	5.3E+12	3.4E+12	1.5E+12	5.7E+11	7.4E+11	1.0E+12	1.1E+12	9.5E+11
0.375	1.2E+12	1.2E+12	1.2E+12	1.3E+12	1.4E+12	1.5E+12	1.5E+12	1.4E+12	1.3E+12	1.1E+12	1.2E+12	1.5E+12	1.7E+12	1.8E+12	1.5E+12
0.575	6.1E+10	6.9E+10	6.4E+10	5.2E+10	3.4E+10	2.0E+10	1.5E+10	3.2E+10	7.2E+10	1.5E+11	3.6E+11	5.7E+11	7.3E+11	6.6E+11	5.2E+11
0.85	6.8E+10	6.0E+10	4.9E+10	3.5E+10	1.7E+10	9.3E+9	7.2E+9	1.2E+10	2.2E+10	4.2E+10	9.4E+10	1.5E+11	1.8E+11	1.7E+11	1.3E+11
1.25	3.1E+10	2.5E+10	2.0E+10	1.4E+10	7.2E+9	5.7E+9	8.0E+9	2.1E+10	4.7E+10	9.8E+10	2.3E+11	3.6E+11	4.6E+11	4.1E+11	3.2E+11
1.75	4.0E+9	2.5E+9	1.6E+9	1.1E+9	9.9E+8	1.5E+9	3.6E+9	1.4E+10	3.6E+10	7.8E+10	1.9E+11	3.0E+11	3.9E+11	3.6E+11	2.8E+11
2.25	9.7E+8	3.4E+8	9.2E+7	5.1E+7	8.7E+7	2.5E+8	8.9E+8	4.1E+9	1.1E+10	2.3E+10	5.6E+10	8.8E+10	1.1E+11	9.9E+10	7.7E+10
2.75	1.6E+10	1.2E+10	7.4E+9	2.8E+9	1.8E+8	2.7E+7	3.5E+7	8.6E+7	1.9E+8	4.1E+8	9.8E+8	1.5E+9	1.9E+9	1.7E+9	1.3E+9
3.5	5.1E+8	1.8E+8	4.7E+7	2.3E+7	2.1E+7	2.0E+7	2.1E+7	2.7E+7	4.4E+7	8.2E+7	1.9E+8	2.9E+8	3.7E+8	3.3E+8	2.5E+8
5	2.2E+8	7.6E+7	2.0E+7	9.8E+6	8.9E+6	8.4E+6	7.6E+6	6.0E+6	4.2E+6	2.7E+6	1.8E+6	1.7E+6	1.4E+6	8.4E+5	3.7E+5
7	2.5E+7	8.7E+6	2.2E+6	1.1E+6	1.0E+6	9.6E+5	8.8E+5	6.9E+5	4.9E+5	3.1E+5	2.1E+5	1.9E+5	1.6E+5	9.6E+4	4.3E+4
9.5	2.9E+6	1.0E+6	2.6E+5	1.3E+5	1.2E+5	1.1E+5	1.0E+5	7.9E+4	5.6E+4	3.5E+4	2.4E+4	2.2E+4	1.8E+4	1.1E+4	4.9E+3
	FP														
0.01	7.3E+15	3.5E+15	1.1E+15	9.8E+13	9.6E+11	8.6E+11	8.6E+11	8.6E+11	8.5E+11	8.4E+11	8.1E+11	7.6E+11	6.9E+11	5.6E+11	4.3E+11
0.025	1.5E+15	6.8E+14	2.0E+14	1.9E+13	5.8E+11	5.6E+11	5.5E+11	5.4E+11	5.3E+11	4.9E+11	4.1E+11	3.1E+11	1.8E+11	6.0E+10	4.2E+10
0.0375	9.3E+15	4.4E+15	1.4E+15	1.4E+14	1.7E+11	3.7E+10	3.7E+10	3.6E+10	3.6E+10	3.4E+10	3.1E+10	2.7E+10	2.1E+10	1.4E+10	1.2E+10
0.0575	1.4E+15	6.5E+14	1.9E+14	1.8E+13	1.6E+11	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.3E+11	1.1E+11	7.8E+10	4.0E+10	6.5E+9	6.3E+8
0.085	9.2E+14	3.9E+14	1.2E+14	1.1E+13	6.0E+11	5.9E+11	5.8E+11	5.7E+11	5.5E+11	5.2E+11	4.2E+11	3.0E+11	1.5E+11	1.9E+10	7.4E+8
0.125	1.3E+15	3.2E+14	7.8E+13	6.9E+12	1.0E+10	5.0E+9	4.9E+9	4.8E+9	4.7E+9	4.4E+9	3.7E+9	2.8E+9	1.6E+9	3.7E+8	5.7E+7
0.225	8.6E+14	3.6E+14	1.0E+14	9.5E+12	3.2E+10	2.5E+10	2.4E+10	2.3E+10	2.2E+10	2.0E+10	1.6E+10	1.2E+10	5.9E+9	7.8E+8	3.5E+7
0.375	3.8E+14	1.6E+14	4.9E+13	5.6E+12	1.3E+12	1.3E+12	1.3E+12	1.3E+12	1.2E+12	1.2E+12	9.5E+11	6.7E+11	3.3E+11	4.2E+10	1.3E+9
0.575	1.3E+17	6.2E+16	2.0E+16	2.0E+15	4.9E+12	3.0E+12	3.0E+12	2.9E+12	2.8E+12	2.6E+12	2.1E+12	1.5E+12	7.5E+11	9.4E+10	2.9E+9
0.85	1.1E+15	1.1E+14	1.1E+13	1.0E+12	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.3E+11	1.1E+11	7.5E+10	3.7E+10	4.7E+9	1.5E+8
1.25	9.5E+14	9.4E+13	5.4E+12	3.9E+11	3.6E+10	3.6E+10	3.6E+10	3.5E+10	3.4E+10	3.2E+10	2.6E+10	1.8E+10	9.1E+9	1.1E+9	3.5E+7
1.75	3.0E+13	3.9E+12	4.9E+11	4.0E+10	2.9E+7	5.2E+5	5.2E+5	5.1E+5	4.9E+5	4.6E+5	3.7E+5	2.6E+5	1.3E+5	1.6E+4	5.1E+2
2.25	1.7E+9	3.5E+8	1.1E+8	9.5E+6	6.8E+3	4.6E−2	6.6E−3	6.6E−3	6.6E−3	6.6E−3	6.6E−3	6.6E−3	6.6E−3	6.6E−3	6.6E−3
2.75	1.1E+8	1.7E−1	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3	3.3E−3
3.5	1.6E+7	2.7E−2	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3	2.4E−3
5	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4	7.2E−4
7	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5	4.7E−5
9.5	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6	3.0E−6
	All														
0.01	9.6E+15	5.9E+15	3.2E+15	1.8E+15	1.0E+15	5.6E+14	2.5E+14	1.4E+14	9.3E+13	4.9E+13	1.6E+13	8.8E+12	7.5E+12	7.5E+12	6.6E+12
0.025	1.6E+15	8.5E+14	3.8E+14	1.7E+14	9.4E+13	4.3E+13	9.3E+12	9.1E+11	8.2E+11	7.8E+11	7.0E+11	6.0E+11	4.8E+11	3.4E+11	2.9E+11
0.0375	9.3E+15	4.4E+15	1.4E+15	1.5E+14	9.5E+12	5.1E+12	2.2E+12	1.1E+12	7.5E+11	3.7E+11	2.1E+11	3.3E+11	5.5E+11	7.5E+11	7.2E+11
0.0575	3.3E+15	3.2E+15	2.8E+15	2.2E+15	1.4E+15	6.2E+14	1.3E+14	1.8E+12	6.3E+11	4.2E+11	2.7E+11	2.3E+11	2.1E+11	1.8E+11	1.5E+11
0.085	9.4E+14	4.2E+14	1.4E+14	3.2E+13	2.0E+13	1.9E+13	1.7E+13	1.4E+13	9.2E+12	4.7E+12	2.2E+12	2.3E+12	2.6E+12	2.7E+12	2.4E+12
0.125	1.3E+15	3.4E+14	9.4E+13	2.1E+13	1.3E+13	1.2E+13	1.1E+13	8.0E+12	5.1E+12	2.2E+12	4.0E+11	3.1E+11	3.7E+11	4.0E+11	3.7E+11
0.225	8.7E+14	3.7E+14	1.1E+14	1.8E+13	8.1E+12	7.7E+12	7.0E+12	5.4E+12	3.5E+12	1.6E+12	5.9E+11	7.6E+11	1.0E+12	1.1E+12	9.5E+11
0.375	3.8E+14	1.6E+14	5.1E+13	6.9E+12	2.8E+12	2.8E+12	2.9E+12	2.7E+12	2.5E+12	2.3E+12	2.2E+12	2.1E+12	2.1E+12	1.8E+12	1.5E+12

0.575	1.3E+17	6.2E+16	2.0E+16	2.0E+15	5.0E+12	3.0E+12	3.0E+12	2.9E+12	2.9E+12	2.8E+12	2.5E+12	2.1E+12	1.5E+12	7.6E+11	5.2E+11
0.85	1.1E+15	1.1E+14	1.1E+13	1.1E+12	1.7E+11	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.7E+11	2.0E+11	2.2E+11	2.2E+11	1.7E+11	1.3E+11
1.25	9.5E+14	9.4E+13	5.4E+12	4.0E+11	4.4E+10	4.2E+10	4.4E+10	5.6E+10	8.1E+10	1.3E+11	2.6E+11	3.8E+11	4.7E+11	4.1E+11	3.2E+11
1.75	3.0E+13	3.9E+12	4.9E+11	4.1E+10	1.0E+9	1.5E+9	3.6E+9	1.4E+10	3.6E+10	7.8E+10	1.9E+11	3.0E+11	3.9E+11	3.6E+11	2.8E+11
2.25	2.7E+9	7.0E+8	2.0E+8	6.0E+7	8.7E+7	2.5E+8	8.9E+8	4.1E+9	1.1E+10	2.3E+10	5.6E+10	8.8E+10	1.1E+11	9.9E+10	7.7E+10
2.75	1.6E+10	1.2E+10	7.4E+9	2.8E+9	1.8E+8	2.7E+7	3.5E+7	8.6E+7	1.9E+8	4.1E+8	9.8E+8	1.5E+9	1.9E+9	1.7E+9	1.3E+9
3.5	5.2E+8	1.8E+8	4.7E+7	2.3E+7	2.1E+7	2.0E+7	2.1E+7	2.7E+7	4.4E+7	8.2E+7	1.9E+8	2.9E+8	3.7E+8	3.3E+8	2.5E+8
5	2.2E+8	7.6E+7	2.0E+7	9.8E+6	8.9E+6	8.4E+6	7.6E+6	6.0E+6	4.2E+6	2.7E+6	1.8E+6	1.7E+6	1.4E+6	8.4E+5	3.7E+5
7	2.5E+7	8.7E+6	2.2E+6	1.1E+6	1.0E+6	9.6E+5	8.8E+5	6.9E+5	4.9E+5	3.1E+5	2.1E+5	1.9E+5	1.6E+5	9.6E+4	4.3E+4
9.5	2.9E+6	1.0E+6	2.6E+5	1.3E+5	1.2E+5	1.1E+5	1.0E+5	7.9E+4	5.6E+4	3.5E+4	2.4E+4	2.2E+4	1.8E+4	1.1E+4	4.9E+3
	Total photon/sec														
Activ.	1.3E+13	4.8E+10	3.6E+10	3.5E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.4E+10	3.3E+10	3.2E+10	3.1E+10	2.7E+10	2.1E+10
Actin.	4.3E+15	5.2E+15	5.0E+15	4.1E+15	2.6E+15	1.3E+15	4.2E+14	1.7E+14	1.1E+14	5.8E+13	2.1E+13	1.5E+13	1.5E+13	1.6E+13	1.4E+13
FP	1.5E+17	7.3E+16	2.3E+16	2.3E+15	9.0E+12	6.7E+12	6.7E+12	6.5E+12	6.3E+12	6.0E+12	5.0E+12	3.7E+12	2.2E+12	8.0E+11	4.9E+11
All	1.5E+17	7.8E+16	2.8E+16	6.4E+15	2.6E+15	1.3E+15	4.3E+14	1.7E+14	1.2E+14	6.4E+13	2.6E+13	1.9E+13	1.7E+13	1.7E+13	1.4E+13
	Total MeV/sec														
Activ.	3.2E+12	1.1E+10	3.8E+8	3.6E+8	3.5E+8	3.5E+8	3.5E+8	3.4E+8	3.4E+8	3.4E+8	3.3E+8	3.2E+8	3.1E+8	2.7E+8	2.1E+8
Actin.	1.4E+14	1.8E+14	1.8E+14	1.6E+14	9.8E+13	4.8E+13	1.5E+13	5.4E+12	3.8E+12	2.4E+12	2.0E+12	2.7E+12	3.3E+12	3.2E+12	2.6E+12
FP	7.5E+16	3.7E+16	1.1E+16	1.1E+15	3.6E+12	2.5E+12	2.5E+12	2.4E+12	2.3E+12	2.2E+12	1.8E+12	1.2E+12	6.3E+11	8.5E+10	8.3E+9
All	7.5E+16	3.7E+16	1.2E+16	1.3E+15	1.0E+14	5.0E+13	1.7E+13	7.8E+12	6.1E+12	4.5E+12	3.8E+12	3.9E+12	4.0E+12	3.3E+12	2.6E+12

表 59　2 号機炉心、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	1.4E+16	1.4E+16	1.3E+16	1.0E+16	6.5E+15	2.6E+15	1.7E+15	1.2E+15	6.9E+14	3.6E+14	1.5E+14	7.2E+13	2.1E+13	5.2E+12	4.5E+11
0.025	1.2E+16	1.1E+16	1.1E+16	1.1E+16	1.0E+16	9.0E+15	7.5E+15	5.3E+15	3.5E+15	2.7E+15	1.8E+15	1.0E+15	3.5E+14	9.5E+13	7.7E+12
0.0375	1.6E+15	1.5E+15	1.4E+15	1.1E+15	7.8E+14	4.0E+14	3.3E+14	3.1E+14	2.9E+14	2.7E+14	2.3E+14	1.8E+14	8.4E+13	2.4E+13	1.9E+12
0.0575	1.9E+15	1.7E+15	1.6E+15	1.3E+15	7.3E+14	1.7E+14	6.7E+13	4.8E+13	2.6E+13	1.2E+13	3.2E+12	9.6E+11	2.3E+11	5.6E+10	4.6E+9
0.085	1.1E+15	1.1E+15	9.9E+14	7.6E+14	4.3E+14	9.4E+13	3.0E+13	2.0E+13	1.0E+13	4.2E+12	9.1E+11	2.3E+11	8.9E+10	2.5E+10	2.1E+9
0.125	8.2E+14	7.7E+14	7.1E+14	5.5E+14	3.1E+14	6.7E+13	2.2E+13	1.6E+13	1.0E+13	7.2E+12	5.1E+12	3.7E+12	1.7E+12	5.0E+11	4.0E+10
0.225	9.0E+15	8.8E+15	8.5E+15	7.5E+15	6.2E+15	4.5E+15	3.1E+15	1.3E+15	2.5E+14	1.3E+14	7.8E+13	5.4E+13	2.5E+13	7.1E+12	5.8E+11
0.375	6.4E+15	4.7E+15	4.4E+15	3.5E+15	2.3E+15	1.0E+15	7.5E+14	6.4E+14	5.2E+14	4.7E+14	4.1E+14	3.2E+14	1.5E+14	4.3E+13	3.5E+12
0.575	1.7E+17	1.6E+17	1.6E+17	1.2E+17	6.3E+16	9.9E+15	9.6E+14	7.9E+14	6.8E+14	6.2E+14	5.3E+14	4.1E+14	1.9E+14	5.5E+13	4.5E+12
0.85	2.3E+17	2.3E+17	2.2E+17	1.9E+17	1.6E+17	1.2E+17	1.1E+17	9.8E+16	6.2E+16	2.6E+16	3.9E+15	9.7E+13	1.9E+12	3.3E+10	3.6E+7
1.25	9.2E+15	8.8E+15	8.2E+15	6.2E+15	3.6E+15	7.2E+14	1.6E+14	4.6E+13	1.0E+13	8.1E+12	6.7E+12	5.6E+12	3.7E+12	1.9E+12	5.2E+11
1.75	2.6E+15	2.5E+15	2.3E+15	1.7E+15	9.7E+14	1.5E+14	1.3E+13	8.3E+12	3.9E+12	1.4E+12	1.8E+11	3.2E+9	1.2E+6	4.0E+4	2.6E+4
2.25	5.6E+13	5.2E+13	5.0E+13	4.6E+13	4.4E+13	3.8E+13	2.3E+13	6.1E+12	4.6E+11	1.4E+11	1.6E+10	2.7E+8	2.0E+7	1.0E+7	2.8E+6
2.75	8.2E+12	7.4E+11	4.3E+11	6.6E+10	2.3E+9	7.7E+8	7.1E+8	5.6E+8	2.8E+8	1.0E+8	1.2E+7	2.7E+5	6.1E+4	3.2E+4	8.5E+3

3.5	1.5E+12	6.4E+10	3.8E+10	5.8E+9	1.4E+8	1.6E+3	7.7E-12	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15	1.8E-15
5	5.9E+11	5.2E+4	6.0E+2	1.1E-4	2.0E-7	1.8E-12	7.0E-17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	5.5E+14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	5.5E+11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	4.9E+19	4.0E+19	3.8E+19	3.5E+19	2.9E+19	1.6E+19	2.4E+18	6.9E+16	1.2E+16	8.5E+15	4.8E+15	2.5E+15	2.0E+15	2.2E+15	2.5E+15
0.025	2.6E+17	1.1E+17	7.7E+16	7.1E+16	6.3E+16	4.3E+16	1.5E+16	1.6E+15	1.7E+13	1.7E+13	2.2E+13	3.3E+13	6.2E+13	1.0E+14	1.5E+14
0.0375	2.4E+18	4.8E+17	8.7E+16	6.8E+16	5.6E+16	3.2E+16	4.6E+15	1.4E+14	3.0E+13	2.3E+13	1.4E+13	9.5E+12	1.0E+13	1.3E+13	1.7E+13
0.0575	1.3E+18	1.2E+18	1.1E+18	1.0E+18	9.3E+17	6.4E+17	2.2E+17	2.4E+16	2.6E+14	2.5E+14	3.3E+14	4.8E+14	9.1E+14	1.5E+15	2.3E+15
0.085	2.6E+19	1.1E+19	7.2E+18	6.5E+18	5.5E+18	3.1E+18	4.6E+17	1.2E+16	5.3E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.8E+13
0.125	2.1E+19	2.1E+19	2.0E+19	1.9E+19	1.6E+19	8.8E+18	1.2E+18	2.2E+16	6.7E+13	2.6E+13	2.6E+13	2.5E+13	2.5E+13	2.4E+13	2.3E+13
0.225	1.5E+19	1.4E+19	1.4E+19	1.3E+19	1.1E+19	6.1E+18	8.7E+17	1.7E+16	5.1E+13	2.0E+13	2.0E+13	1.9E+13	1.9E+13	1.7E+13	1.6E+13
0.375	1.5E+18	1.4E+18	1.3E+18	1.2E+18	1.0E+18	5.8E+17	7.9E+16	1.1E+15	3.2E+12	1.4E+12	1.4E+12	1.4E+12	1.4E+12	1.4E+12	1.4E+12
0.575	2.3E+17	5.1E+16	1.1E+16	6.3E+15	5.3E+15	2.9E+15	3.6E+14	1.1E+12	1.8E+11	1.3E+11	6.9E+10	3.5E+10	3.9E+10	5.6E+10	7.2E+10
0.85	5.4E+17	2.2E+17	1.4E+17	1.3E+17	1.0E+17	5.4E+16	5.4E+15	7.9E+12	9.2E+10	8.2E+10	7.0E+10	6.2E+10	6.3E+10	6.6E+10	6.6E+10
1.25	9.7E+16	9.1E+16	8.7E+16	7.9E+16	6.5E+16	3.4E+16	3.4E+15	4.9E+12	4.3E+10	4.0E+10	3.6E+10	3.3E+10	3.1E+10	3.0E+10	2.7E+10
1.75	8.2E+13	1.1E+12	6.9E+11	5.0E+11	2.5E+11	3.4E+10	1.1E+10	1.0E+10	9.3E+9	8.0E+9	6.6E+9	5.7E+9	5.6E+9	5.5E+9	4.8E+9
2.25	5.7E+9	5.7E+9	5.7E+9	5.7E+9	5.7E+9	5.7E+9	5.6E+9	5.4E+9	4.7E+9	3.9E+9	3.0E+9	2.4E+9	2.0E+9	1.7E+9	1.1E+9
2.75	4.8E+9	4.8E+9	4.8E+9	4.8E+9	4.9E+9	4.8E+9	4.8E+9	4.7E+9	4.6E+9	4.5E+9	5.0E+9	6.6E+9	1.2E+10	1.7E+10	1.8E+10
3.5	3.0E+9	3.0E+9	3.0E+9	3.0E+9	3.0E+9	3.0E+9	2.9E+9	2.8E+9	2.4E+9	2.0E+9	1.6E+9	1.2E+9	1.0E+9	8.6E+8	6.0E+8
5	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.2E+9	1.0E+9	8.7E+8	6.7E+8	5.3E+8	4.5E+8	3.7E+8	2.6E+8
7	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.4E+8	1.2E+8	1.0E+8	7.8E+7	6.1E+7	5.1E+7	4.3E+7	2.9E+7
9.5	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.6E+7	1.4E+7	1.2E+7	8.9E+6	7.0E+6	5.9E+6	4.9E+6	3.4E+6
	FP														
0.01	2.2E+19	6.4E+18	4.9E+18	3.7E+18	2.9E+18	2.0E+18	1.1E+18	6.1E+17	3.2E+17	2.1E+17	1.3E+17	6.5E+16	1.9E+16	1.2E+16	9.3E+15
0.025	1.1E+19	5.9E+18	4.9E+18	4.1E+18	3.5E+18	2.4E+18	1.1E+18	4.1E+17	1.3E+17	6.3E+16	3.7E+16	2.1E+16	7.4E+15	3.4E+15	1.9E+15
0.0375	1.3E+19	8.0E+18	7.4E+18	6.7E+18	5.9E+18	4.2E+18	2.1E+18	8.5E+17	3.6E+17	2.3E+17	1.4E+17	7.3E+16	2.3E+16	1.6E+16	1.2E+16
0.0575	4.7E+18	1.8E+18	1.5E+18	1.2E+18	9.8E+17	5.7E+17	2.1E+17	1.1E+17	6.3E+16	4.4E+16	2.8E+16	1.4E+16	4.1E+15	2.5E+15	1.8E+15
0.085	6.5E+18	3.3E+18	2.8E+18	2.5E+18	2.4E+18	2.0E+18	9.8E+17	2.3E+17	8.4E+16	6.3E+16	4.0E+16	1.9E+16	4.0E+15	1.9E+15	1.2E+15
0.125	1.3E+19	8.6E+18	7.5E+18	6.9E+18	6.2E+18	4.6E+18	2.4E+18	1.4E+18	5.5E+17	2.4E+17	1.3E+17	5.5E+16	8.0E+15	3.1E+15	1.6E+15
0.225	3.8E+19	1.4E+19	1.0E+19	8.5E+18	6.2E+18	2.9E+18	7.4E+17	1.5E+17	4.7E+16	3.0E+16	1.9E+16	9.5E+15	2.8E+15	1.6E+15	1.1E+15
0.375	2.9E+19	9.1E+18	5.6E+18	4.3E+18	3.8E+18	3.0E+18	1.7E+18	4.7E+17	4.2E+16	2.2E+16	1.5E+16	8.5E+15	2.8E+15	1.1E+15	4.9E+14
0.575	5.9E+19	3.4E+19	2.7E+19	2.1E+19	1.6E+19	1.0E+19	5.6E+18	3.1E+18	1.4E+18	8.9E+17	6.6E+17	5.0E+17	3.0E+17	2.1E+17	1.6E+17
0.85	6.5E+19	3.3E+19	2.3E+19	1.6E+19	1.4E+19	1.0E+19	7.4E+18	5.5E+18	3.2E+18	1.5E+18	3.7E+17	1.4E+17	4.9E+16	1.1E+16	1.4E+15
1.25	3.7E+19	1.4E+19	8.0E+18	3.7E+18	1.8E+18	8.2E+17	3.2E+17	1.1E+17	5.2E+16	4.0E+16	3.0E+16	1.9E+16	7.4E+15	3.1E+15	1.2E+15
1.75	1.4E+19	7.5E+18	5.9E+18	4.6E+18	4.0E+18	3.6E+18	2.6E+18	8.7E+17	3.7E+16	3.0E+15	1.9E+15	9.7E+14	2.1E+14	8.1E+13	3.7E+13
2.25	7.2E+18	2.9E+18	1.3E+18	3.5E+17	1.8E+17	1.3E+17	8.4E+16	3.9E+16	1.6E+16	1.2E+16	7.7E+15	3.2E+15	2.4E+14	3.6E+12	2.6E+9
2.75	3.3E+18	1.1E+18	4.7E+17	1.6E+17	1.5E+17	1.4E+17	9.7E+16	3.3E+16	1.4E+15	1.1E+14	7.4E+13	3.7E+13	4.8E+12	1.6E+11	1.8E+8
3.5	1.6E+18	2.8E+17	9.9E+16	6.0E+15	1.3E+15	1.1E+15	8.1E+14	2.9E+14	2.8E+13	1.5E+13	1.0E+13	5.3E+12	7.0E+11	2.4E+10	2.7E+7
5	7.8E+17	3.3E+15	1.6E+15	2.8E+14	9.3E+12	7.6E+7	3.0E-4	3.1E-4	3.3E-4	3.6E-4	4.3E-4	5.3E-4	7.1E-4	8.2E-4	8.6E-4
7	6.9E+15	4.3E-4	1.9E-5	1.9E-5	1.9E-5	1.9E-5	1.9E-5	2.0E-5	2.1E-5	2.4E-5	2.8E-5	3.4E-5	4.6E-5	5.3E-5	5.6E-5

9.5	7.5E+11	1.2E-6	1.2E-6	1.2E-6	1.2E-6	1.2E-6	1.2E-6	1.3E-6	1.4E-6	1.5E-6	1.7E-6	2.2E-6	2.9E-6	3.4E-6	3.5E-6
	All														
0.01	7.1E+19	4.7E+19	4.3E+19	3.8E+19	3.2E+19	1.8E+19	3.5E+18	6.8E+17	3.3E+17	2.2E+17	1.4E+17	6.8E+16	2.1E+16	1.5E+16	1.2E+16
0.025	1.1E+19	6.0E+18	5.0E+18	4.2E+18	3.5E+18	2.5E+18	1.1E+18	4.2E+17	1.3E+17	6.6E+16	3.9E+16	2.2E+16	7.8E+15	3.6E+15	2.0E+15
0.0375	1.5E+19	8.5E+18	7.5E+18	6.8E+18	5.9E+18	4.2E+18	2.1E+18	8.5E+17	3.6E+17	2.3E+17	1.4E+17	7.3E+16	2.3E+16	1.6E+16	1.2E+16
0.0575	6.0E+18	3.0E+18	2.7E+18	2.3E+18	1.9E+18	1.2E+18	4.3E+17	1.3E+17	6.4E+16	4.5E+16	2.8E+16	1.5E+16	5.0E+15	4.0E+15	4.1E+15
0.085	3.3E+19	1.4E+19	1.0E+19	9.0E+18	7.9E+18	5.1E+18	1.4E+18	2.4E+17	8.4E+16	6.3E+16	4.0E+16	1.9E+16	4.0E+15	2.0E+15	1.2E+15
0.125	3.4E+19	2.9E+19	2.8E+19	2.6E+19	2.2E+19	1.3E+19	3.6E+18	1.4E+18	5.5E+17	2.4E+17	1.3E+17	5.5E+16	8.0E+15	3.1E+15	1.6E+15
0.225	5.2E+19	2.8E+19	2.5E+19	2.1E+19	1.7E+19	9.0E+18	1.6E+18	1.6E+17	4.7E+16	3.0E+16	1.9E+16	9.6E+15	2.9E+15	1.7E+15	1.1E+15
0.375	3.1E+19	1.1E+19	7.0E+18	5.6E+18	4.8E+18	3.6E+18	1.8E+18	4.7E+17	4.3E+16	2.2E+16	1.5E+16	8.8E+15	3.0E+15	1.1E+15	4.9E+14
0.575	5.9E+19	3.4E+19	2.8E+19	2.1E+19	1.6E+19	1.0E+19	5.6E+18	3.1E+18	1.4E+18	8.9E+17	6.6E+17	5.0E+17	3.0E+17	2.1E+17	1.6E+17
0.85	6.6E+19	3.4E+19	2.3E+19	1.7E+19	1.4E+19	1.1E+19	7.5E+18	5.6E+18	3.3E+18	1.5E+18	3.7E+17	1.4E+17	4.9E+16	1.1E+16	1.4E+15
1.25	3.7E+19	1.4E+19	8.1E+18	3.8E+18	1.9E+18	8.5E+17	3.2E+17	1.1E+17	5.2E+16	4.0E+16	3.0E+16	1.9E+16	7.4E+15	3.1E+15	1.2E+15
1.75	1.4E+19	7.6E+18	5.9E+18	4.6E+18	4.0E+18	3.6E+18	2.6E+18	8.7E+17	3.7E+16	3.0E+15	1.9E+15	9.7E+14	2.1E+14	8.1E+13	3.7E+13
2.25	7.2E+18	2.9E+18	1.3E+18	3.5E+17	1.8E+17	1.3E+17	8.4E+16	3.9E+16	1.6E+16	1.2E+16	7.7E+15	3.2E+15	2.4E+14	3.6E+12	3.7E+9
2.75	3.3E+18	1.1E+18	4.7E+17	1.6E+17	1.5E+17	1.4E+17	9.7E+16	3.3E+16	1.4E+15	1.1E+14	7.4E+13	3.7E+13	4.8E+12	1.8E+11	1.9E+10
3.5	1.6E+18	2.8E+17	9.9E+16	6.0E+15	1.3E+15	1.1E+15	8.1E+14	2.9E+14	2.8E+13	1.5E+13	1.0E+13	5.3E+12	7.0E+11	2.4E+10	6.3E+8
5	7.8E+17	3.3E+15	1.6E+15	2.8E+14	9.3E+12	1.3E+9	1.3E+9	1.2E+9	1.0E+9	8.7E+8	6.7E+8	5.3E+8	4.5E+8	3.7E+8	2.6E+8
7	7.4E+15	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.4E+8	1.2E+8	1.0E+8	7.8E+7	6.1E+7	5.1E+7	4.3E+7	2.9E+7
9.5	1.3E+12	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.6E+7	1.4E+7	1.2E+7	8.9E+6	7.0E+6	5.9E+6	4.9E+6	3.4E+6
	Total photon/sec														
Activ.	4.6E+17	4.5E+17	4.3E+17	3.6E+17	2.5E+17	1.5E+17	1.3E+17	1.1E+17	6.8E+16	3.1E+16	7.1E+15	2.2E+15	8.4E+14	2.3E+14	1.9E+13
Actin.	1.2E+20	9.0E+19	8.2E+19	7.5E+19	6.4E+19	3.6E+19	5.3E+18	1.5E+17	1.2E+16	8.9E+15	5.3E+15	3.1E+15	3.0E+15	3.9E+15	5.0E+15
FP	3.2E+20	1.5E+20	1.1E+20	8.4E+19	6.8E+19	4.7E+19	2.6E+19	1.4E+19	6.3E+18	3.3E+18	1.6E+18	9.2E+17	4.3E+17	2.7E+17	1.9E+17
All	4.4E+20	2.4E+20	1.9E+20	1.6E+20	1.3E+20	8.3E+19	3.2E+19	1.4E+19	6.4E+18	3.4E+18	1.6E+18	9.3E+17	4.3E+17	2.7E+17	1.9E+17
	Total MeV/sec														
Activ.	3.2E+17	3.1E+17	2.9E+17	2.5E+17	1.8E+17	1.1E+17	9.6E+16	8.5E+16	5.3E+16	2.3E+16	3.8E+15	4.9E+14	1.9E+14	5.5E+13	4.9E+12
Actin.	1.0E+19	8.1E+18	7.5E+18	6.9E+18	5.8E+18	3.3E+18	4.6E+17	1.0E+16	1.6E+14	1.1E+14	7.9E+13	6.4E+13	8.4E+13	1.2E+14	1.7E+14
FP	2.2E+20	9.8E+19	6.6E+19	4.5E+19	3.5E+19	2.5E+19	1.6E+19	8.7E+18	3.9E+18	1.9E+18	7.9E+17	4.5E+17	2.3E+17	1.4E+17	9.5E+16
All	2.3E+20	1.1E+20	7.4E+19	5.2E+19	4.1E+19	2.9E+19	1.7E+19	8.8E+18	3.9E+18	1.9E+18	8.0E+17	4.6E+17	2.3E+17	1.4E+17	9.5E+16

表 60　2 号機炉心、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	4.5E+11	4.1E+10	4.3E+10	4.3E+10	4.2E+10	4.1E+10	4.1E+10	4.1E+10	4.1E+10	4.1E+10	4.0E+10	3.9E+10	3.7E+10	3.3E+10	2.6E+10
0.025	7.7E+12	4.4E+9	2.1E+8	1.3E+8	6.8E+7	5.8E+7	5.2E+7	3.8E+7	2.3E+7	1.1E+7	6.0E+6	5.8E+6	5.5E+6	4.8E+6	3.8E+6
0.0375	1.9E+12	1.1E+9	5.8E+7	4.1E+7	2.8E+7	2.5E+7	2.3E+7	1.6E+7	9.3E+6	3.5E+6	1.2E+6	1.1E+6	1.0E+6	8.9E+5	7.1E+5
0.0575	4.6E+9	3.5E+7	2.5E+7	2.2E+7	2.0E+7	1.9E+7	1.7E+7	1.2E+7	6.4E+6	2.0E+6	1.3E+5	8.1E+4	7.7E+4	6.7E+4	5.3E+4

0.085	2.1E+9	8.2E+6	4.2E+6	3.4E+6	3.2E+6	3.0E+6	2.6E+6	1.8E+6	1.0E+6	3.0E+5	9.6E+3	1.4E+3	1.3E+3	1.0E+3	8.1E+2
0.125	4.0E+10	2.4E+7	8.4E+5	3.0E+5	2.4E+5	2.2E+5	2.0E+5	1.4E+5	7.6E+4	2.4E+4	1.5E+3	7.2E+2	6.5E+2	5.5E+2	4.3E+2
0.225	5.8E+11	3.1E+8	8.3E+5	7.5E+4	1.2E+3	1.1E+3	1.1E+3	1.0E+3	9.4E+2	8.2E+2	6.4E+2	5.5E+2	5.1E+2	4.4E+2	3.5E+2
0.375	3.5E+12	1.8E+9	4.0E+5	3.5E+4	1.2E+2	9.1E+1	9.0E+1	8.7E+1	8.3E+1	7.7E+1	6.6E+1	6.0E+1	5.6E+1	4.9E+1	4.0E+1
0.575	4.5E+12	2.4E+9	2.4E+5	2.0E+4	1.5E+1	6.2E−1	6.2E−1	6.2E−1	6.2E−1	6.2E−1	6.1E−1	5.9E−1	5.7E−1	5.0E−1	4.0E−1
0.85	3.6E+7	7.2E+6	6.6E+6	6.5E+6	6.4E+6	6.3E+6	6.1E+6	5.5E+6	4.7E+6	3.3E+6	1.2E+6	2.1E+5	7.0E+3	2.5E−1	9.4E−9
1.25	5.2E+11	1.0E+10	1.4E+7	3.0E+3	2.1E+0	1.2E−5	1.7E−12	1.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
1.75	2.6E+4	1.2E+4	3.7E+3	3.3E+2	2.4E−1	1.4E−6	8.4E−14	5.8E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	2.8E+6	5.3E+4	7.5E+1	8.0E−2	5.7E−5	3.3E−10	1.0E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	8.5E+3	1.6E+2	2.3E−1	4.5E−7	3.4E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	1.8E−15	4.4E−16	4.4E−16	4.4E−16	4.4E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.5E+15	2.7E+15	2.5E+15	2.0E+15	1.3E+15	6.8E+14	3.0E+14	1.6E+14	1.1E+14	5.8E+13	1.9E+13	9.8E+12	8.2E+12	8.5E+12	7.7E+12
0.025	1.5E+14	2.1E+14	2.2E+14	1.9E+14	1.2E+14	5.2E+13	1.1E+13	4.5E+11	3.6E+11	3.5E+11	3.6E+11	3.7E+11	3.7E+11	3.5E+11	3.1E+11
0.0375	1.7E+13	2.1E+13	2.1E+13	1.8E+13	1.1E+13	6.1E+12	2.6E+12	1.3E+12	8.4E+11	4.0E+11	2.2E+11	3.7E+11	6.5E+11	9.0E+11	8.7E+11
0.0575	2.3E+15	3.2E+15	3.2E+15	2.7E+15	1.7E+15	7.6E+14	1.5E+14	2.1E+12	5.9E+11	3.5E+11	1.9E+11	1.8E+11	2.1E+11	2.1E+11	2.0E+11
0.085	2.8E+13	2.7E+13	2.6E+13	2.5E+13	2.3E+13	2.2E+13	2.0E+13	1.5E+13	1.0E+13	5.0E+12	2.2E+12	2.4E+12	2.9E+12	3.3E+12	3.0E+12
0.125	2.3E+13	2.0E+13	1.8E+13	1.7E+13	1.5E+13	1.4E+13	1.2E+13	9.4E+12	6.0E+12	2.6E+12	4.8E+11	3.8E+11	4.5E+11	5.0E+11	4.6E+11
0.225	1.6E+13	1.3E+13	1.1E+13	9.9E+12	9.5E+12	9.1E+12	8.3E+12	6.3E+12	4.1E+12	1.8E+12	6.6E+11	8.6E+11	1.2E+12	1.3E+12	1.2E+12
0.375	1.4E+12	1.4E+12	1.5E+12	1.5E+12	1.7E+12	1.8E+12	1.9E+12	1.7E+12	1.5E+12	1.4E+12	1.5E+12	1.7E+12	2.0E+12	2.1E+12	1.9E+12
0.575	7.2E+10	8.4E+10	7.8E+10	6.4E+10	4.1E+10	2.4E+10	1.7E+10	3.3E+10	7.3E+10	1.5E+11	3.7E+11	5.8E+11	7.7E+11	7.7E+11	6.7E+11
0.85	6.6E+10	5.9E+10	4.9E+10	3.6E+10	1.9E+10	1.2E+10	9.2E+9	1.3E+10	2.4E+10	4.4E+10	9.7E+10	1.5E+11	2.0E+11	2.0E+11	1.7E+11
1.25	2.7E+10	2.2E+10	1.8E+10	1.4E+10	8.3E+9	7.2E+9	9.5E+9	2.2E+10	4.8E+10	9.8E+10	2.3E+11	3.7E+11	4.8E+11	4.8E+11	4.1E+11
1.75	4.8E+9	3.1E+9	2.0E+9	1.5E+9	1.3E+9	1.8E+9	3.9E+9	1.4E+10	3.6E+10	7.8E+10	1.9E+11	3.1E+11	4.1E+11	4.2E+11	3.6E+11
2.25	1.1E+9	4.0E+8	1.1E+8	5.8E+7	9.4E+7	2.6E+8	8.8E+8	4.0E+9	1.0E+10	2.3E+10	5.6E+10	8.9E+10	1.2E+11	1.2E+11	1.0E+11
2.75	1.8E+10	1.4E+10	8.4E+9	3.2E+9	2.1E+8	3.2E+7	3.8E+7	8.8E+7	1.9E+8	4.1E+8	9.8E+8	1.5E+9	2.0E+9	2.0E+9	1.7E+9
3.5	6.0E+8	2.1E+8	5.5E+7	2.7E+7	2.5E+7	2.4E+7	2.4E+7	3.0E+7	4.6E+7	8.2E+7	1.9E+8	3.0E+8	3.9E+8	3.8E+8	3.3E+8
5	2.6E+8	8.9E+7	2.3E+7	1.1E+7	1.0E+7	9.9E+6	9.0E+6	7.1E+6	5.0E+6	3.2E+6	2.2E+6	2.0E+6	1.7E+6	1.0E+6	4.5E+5
7	2.9E+7	1.0E+7	2.6E+6	1.3E+6	1.2E+6	1.1E+6	1.0E+6	8.1E+5	5.7E+5	3.7E+5	2.6E+5	2.3E+5	1.9E+5	1.2E+5	5.2E+4
9.5	3.4E+6	1.2E+6	3.0E+5	1.5E+5	1.4E+5	1.3E+5	1.2E+5	9.3E+4	6.6E+4	4.2E+4	2.9E+4	2.6E+4	2.2E+4	1.3E+4	6.0E+3
	FP														
0.01	9.3E+15	4.5E+15	1.3E+15	1.2E+14	1.2E+12	1.1E+12	1.1E+12	1.0E+12	1.0E+12	1.0E+12	9.9E+11	9.3E+11	8.4E+11	6.8E+11	5.3E+11
0.025	1.9E+15	8.6E+14	2.6E+14	2.4E+13	7.0E+11	6.7E+11	6.7E+11	6.5E+11	6.3E+11	6.0E+11	5.0E+11	3.7E+11	2.1E+11	7.3E+10	5.0E+10
0.0375	1.2E+16	5.6E+15	1.7E+15	1.7E+14	2.1E+11	4.5E+10	4.5E+10	4.4E+10	4.3E+10	4.2E+10	3.8E+10	3.2E+10	2.5E+10	1.7E+10	1.5E+10
0.0575	1.8E+15	8.2E+14	2.5E+14	2.2E+13	2.0E+11	1.8E+11	1.8E+11	1.8E+11	1.7E+11	1.6E+11	1.3E+11	9.4E+10	4.9E+10	7.8E+9	7.6E+8
0.085	1.2E+15	5.0E+14	1.5E+14	1.4E+13	7.2E+11	7.1E+11	7.0E+11	6.9E+11	6.6E+11	6.2E+11	5.0E+11	3.6E+11	1.8E+11	2.3E+10	8.9E+8
0.125	1.6E+15	4.0E+14	9.9E+13	8.9E+12	1.3E+10	6.0E+9	6.0E+9	5.9E+9	5.7E+9	5.4E+9	4.5E+9	3.4E+9	1.9E+9	4.5E+8	7.0E+7
0.225	1.1E+15	4.6E+14	1.3E+14	1.2E+13	3.9E+10	3.0E+10	2.9E+10	2.7E+10	2.6E+10	2.4E+10	2.0E+10	1.4E+10	7.1E+9	9.4E+8	4.2E+7

0.375	4.9E+14	2.1E+14	6.3E+13	7.1E+12	1.6E+12	1.6E+12	1.6E+12	1.6E+12	1.5E+12	1.4E+12	1.1E+12	8.0E+11	4.0E+11	5.0E+10	1.6E+9
0.575	1.6E+17	7.9E+16	2.5E+16	2.5E+15	6.0E+12	3.6E+12	3.6E+12	3.5E+12	3.4E+12	3.1E+12	2.5E+12	1.8E+12	9.0E+11	1.1E+11	3.5E+9
0.85	1.4E+15	1.3E+14	1.4E+13	1.3E+12	1.8E+11	1.8E+11	1.8E+11	1.7E+11	1.7E+11	1.6E+11	1.3E+11	9.0E+10	4.5E+10	5.6E+9	1.8E+8
1.25	1.2E+15	1.1E+14	6.8E+12	4.9E+11	4.4E+10	4.3E+10	4.3E+10	4.2E+10	4.1E+10	3.8E+10	3.1E+10	2.2E+10	1.1E+10	1.4E+9	4.3E+7
1.75	3.7E+13	4.8E+12	6.2E+11	5.1E+10	3.7E+7	6.3E+5	6.2E+5	6.1E+5	5.9E+5	5.5E+5	4.5E+5	3.2E+5	1.6E+5	2.0E+4	6.2E+2
2.25	2.6E+9	4.5E+8	1.4E+8	1.2E+7	8.7E+3	5.8E−2	7.8E−3	7.8E−3	7.8E−3	7.8E−3	7.8E−3	7.8E−3	7.8E−3	7.8E−3	7.8E−3
2.75	1.8E+8	2.7E−1	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3	3.9E−3
3.5	2.7E+7	4.3E−2	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3	2.9E−3
5	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4	8.6E−4
7	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5	5.6E−5
9.5	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6	3.5E−6
	All														
0.01	1.2E+16	7.2E+15	3.9E+15	2.2E+15	1.3E+15	6.8E+14	3.0E+14	1.6E+14	1.1E+14	5.9E+13	2.0E+13	1.1E+13	9.1E+12	9.3E+12	8.2E+12
0.025	2.0E+15	1.1E+15	4.8E+14	2.1E+14	1.2E+14	5.3E+13	1.1E+13	1.1E+12	9.9E+11	9.5E+11	8.6E+11	7.4E+11	5.8E+11	4.2E+11	3.6E+11
0.0375	1.2E+16	5.6E+15	1.8E+15	1.9E+14	1.2E+13	6.1E+12	2.6E+12	1.4E+12	8.9E+11	4.4E+11	2.6E+11	4.0E+11	6.8E+11	9.2E+11	8.8E+11
0.0575	4.1E+15	4.0E+15	3.4E+15	2.8E+15	1.7E+15	7.6E+14	1.5E+14	2.2E+12	7.6E+11	5.1E+11	3.2E+11	2.8E+11	2.6E+11	2.2E+11	2.0E+11
0.085	1.2E+15	5.3E+14	1.8E+14	3.9E+13	2.4E+13	2.3E+13	2.1E+13	1.6E+13	1.1E+13	5.7E+12	2.7E+12	2.7E+12	3.1E+12	3.3E+12	3.0E+12
0.125	1.6E+15	4.2E+14	1.2E+14	2.6E+13	1.5E+13	1.4E+13	1.2E+13	9.4E+12	6.0E+12	2.6E+12	4.8E+11	3.9E+11	4.5E+11	5.0E+11	4.6E+11
0.225	1.1E+15	4.7E+14	1.4E+14	2.2E+13	9.6E+12	9.1E+12	8.3E+12	6.3E+12	4.1E+12	1.8E+12	6.8E+11	8.7E+11	1.2E+12	1.3E+12	1.2E+12
0.375	4.9E+14	2.1E+14	6.4E+13	8.6E+12	3.3E+12	3.4E+12	3.4E+12	3.3E+12	3.0E+12	2.8E+12	2.6E+12	2.5E+12	2.5E+12	2.2E+12	1.9E+12
0.575	1.6E+17	7.9E+16	2.5E+16	2.5E+15	6.1E+12	3.6E+12	3.6E+12	3.5E+12	3.4E+12	3.3E+12	2.9E+12	2.4E+12	1.7E+12	8.8E+11	6.8E+11
0.85	1.4E+15	1.3E+14	1.4E+13	1.3E+12	2.0E+11	1.9E+11	1.9E+11	1.9E+11	1.9E+11	2.0E+11	2.2E+11	2.4E+11	2.4E+11	2.0E+11	1.7E+11
1.25	1.2E+15	1.1E+14	6.8E+12	5.1E+11	5.2E+10	5.1E+10	5.3E+10	6.4E+10	8.9E+10	1.4E+11	2.6E+11	3.9E+11	4.9E+11	4.8E+11	4.1E+11
1.75	3.7E+13	4.8E+12	6.2E+11	5.2E+10	1.3E+9	1.8E+9	3.9E+9	1.4E+10	3.6E+10	7.8E+10	1.9E+11	3.1E+11	4.1E+11	4.2E+11	3.6E+11
2.25	3.7E+9	8.5E+8	2.4E+8	7.1E+7	9.4E+7	2.6E+8	8.8E+8	4.0E+9	1.0E+10	2.3E+10	5.6E+10	8.9E+10	1.2E+11	1.2E+11	1.0E+11
2.75	1.9E+10	1.4E+10	8.4E+9	3.2E+9	2.1E+8	3.2E+7	3.8E+7	8.8E+7	1.9E+8	4.1E+8	9.8E+8	1.5E+9	2.0E+9	2.0E+9	1.7E+9
3.5	6.3E+8	2.1E+8	5.5E+7	2.7E+7	2.5E+7	2.4E+7	2.4E+7	3.0E+7	4.6E+7	8.2E+7	1.9E+8	3.0E+8	3.9E+8	3.8E+8	3.3E+8
5	2.6E+8	8.9E+7	2.3E+7	1.1E+7	1.0E+7	9.9E+6	9.0E+6	7.1E+6	5.0E+6	3.2E+6	2.2E+6	2.0E+6	1.7E+6	1.0E+6	4.5E+5
7	2.9E+7	1.0E+7	2.6E+6	1.3E+6	1.2E+6	1.1E+6	1.0E+6	8.1E+5	5.7E+5	3.7E+5	2.6E+5	2.3E+5	1.9E+5	1.2E+5	5.2E+4
9.5	3.4E+6	1.2E+6	3.0E+5	1.5E+5	1.4E+5	1.3E+5	1.2E+5	9.3E+4	6.6E+4	4.2E+4	2.9E+4	2.6E+4	2.2E+4	1.3E+4	6.0E+3
	Total photon/sec														
Activ.	1.9E+13	6.1E+10	4.4E+10	4.3E+10	4.2E+10	4.1E+10	4.1E+10	4.1E+10	4.1E+10	4.1E+10	4.0E+10	3.9E+10	3.7E+10	3.3E+10	2.6E+10
Actin.	5.0E+15	6.2E+15	6.0E+15	5.0E+15	3.1E+15	1.5E+15	5.1E+14	2.0E+14	1.3E+14	7.0E+13	2.6E+13	1.8E+13	1.8E+13	1.9E+13	1.7E+13
FP	1.9E+17	9.2E+16	2.9E+16	2.9E+15	1.1E+13	8.1E+12	8.0E+12	7.9E+12	7.7E+12	7.2E+12	6.0E+12	4.5E+12	2.7E+12	9.7E+11	6.0E+11
All	1.9E+17	9.8E+16	3.5E+16	7.9E+15	3.1E+15	1.5E+15	5.2E+14	2.1E+14	1.4E+14	7.8E+13	3.2E+13	2.2E+13	2.1E+13	2.0E+13	1.8E+13
	Total MeV/sec														
Activ.	4.9E+12	1.5E+10	4.7E+8	4.4E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.1E+8	4.1E+8	4.0E+8	3.9E+8	3.7E+8	3.3E+8	2.6E+8
Actin.	1.7E+14	2.2E+14	2.2E+14	1.9E+14	1.2E+14	5.8E+13	1.8E+13	6.4E+12	4.5E+12	2.7E+12	2.2E+12	2.9E+12	3.7E+12	3.8E+12	3.4E+12
FP	9.5E+16	4.6E+16	1.4E+16	1.4E+15	4.4E+12	3.0E+12	2.9E+12	2.9E+12	2.8E+12	2.6E+12	2.1E+12	1.5E+12	7.5E+11	1.0E+11	1.0E+10
All	9.5E+16	4.6E+16	1.5E+16	1.6E+15	1.2E+14	6.1E+13	2.1E+13	9.3E+12	7.3E+12	5.3E+12	4.3E+12	4.4E+12	4.4E+12	3.9E+12	3.4E+12

表 61　3 号機炉心、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	1.4E+16	1.4E+16	1.3E+16	1.0E+16	6.6E+15	2.7E+15	1.7E+15	1.3E+15	7.2E+14	3.7E+14	1.5E+14	6.9E+13	2.0E+13	4.9E+12	4.2E+11
0.025	1.2E+16	1.1E+16	1.1E+16	1.1E+16	1.0E+16	9.0E+15	7.5E+15	5.3E+15	3.5E+15	2.7E+15	1.8E+15	9.9E+14	3.4E+14	9.0E+13	7.2E+12
0.0375	1.5E+15	1.5E+15	1.4E+15	1.1E+15	7.7E+14	3.9E+14	3.1E+14	3.0E+14	2.8E+14	2.5E+14	2.2E+14	1.7E+14	7.9E+13	2.3E+13	1.8E+12
0.0575	1.9E+15	1.8E+15	1.6E+15	1.3E+15	7.3E+14	1.8E+14	7.0E+13	5.1E+13	2.8E+13	1.2E+13	3.2E+12	9.3E+11	2.2E+11	5.3E+10	4.3E+9
0.085	1.1E+15	1.1E+15	9.9E+14	7.6E+14	4.4E+14	9.6E+13	3.2E+13	2.2E+13	1.1E+13	4.5E+12	9.4E+11	2.2E+11	8.4E+10	2.4E+10	2.0E+9
0.125	8.2E+14	7.7E+14	7.2E+14	5.5E+14	3.2E+14	6.8E+13	2.2E+13	1.6E+13	1.0E+13	7.1E+12	4.9E+12	3.5E+12	1.7E+12	4.7E+11	3.8E+10
0.225	9.0E+15	8.8E+15	8.5E+15	7.6E+15	6.3E+15	4.6E+15	3.2E+15	1.3E+15	2.5E+14	1.3E+14	7.5E+13	5.1E+13	2.4E+13	6.7E+12	5.5E+11
0.375	6.4E+15	4.7E+15	4.4E+15	3.5E+15	2.3E+15	9.9E+14	7.2E+14	6.1E+14	4.9E+14	4.4E+14	3.9E+14	3.0E+14	1.4E+14	4.1E+13	3.3E+12
0.575	1.7E+17	1.7E+17	1.6E+17	1.2E+17	6.4E+16	9.9E+15	9.2E+14	7.5E+14	6.5E+14	5.9E+14	5.0E+14	3.9E+14	1.8E+14	5.2E+13	4.2E+12
0.85	2.4E+17	2.4E+17	2.3E+17	2.0E+17	1.7E+17	1.3E+17	1.2E+17	1.1E+17	6.7E+16	2.9E+16	4.2E+15	1.0E+14	1.8E+12	3.2E+10	3.4E+7
1.25	9.3E+15	8.9E+15	8.2E+15	6.2E+15	3.6E+15	7.2E+14	1.6E+14	4.5E+13	9.5E+12	7.5E+12	6.2E+12	5.1E+12	3.4E+12	1.8E+12	4.7E+11
1.75	2.6E+15	2.5E+15	2.3E+15	1.7E+15	9.8E+14	1.5E+14	1.3E+13	8.4E+12	3.9E+12	1.4E+12	1.8E+11	3.2E+9	1.2E+6	3.7E+4	2.3E+4
2.25	5.6E+13	5.2E+13	5.0E+13	4.6E+13	4.4E+13	3.8E+13	2.3E+13	6.1E+12	4.6E+11	1.4E+11	1.6E+10	2.7E+8	1.8E+7	9.3E+6	2.5E+6
2.75	8.4E+12	7.5E+11	4.3E+11	6.7E+10	2.3E+9	7.6E+8	7.1E+8	5.6E+8	2.8E+8	1.0E+8	1.2E+7	2.6E+5	5.6E+4	2.9E+4	7.7E+3
3.5	1.5E+12	6.4E+10	3.8E+10	5.8E+9	1.5E+8	1.6E+3	7.7E−12	9.2E−16	9.2E−16	9.2E−16	9.2E−16	9.2E−16	9.2E−16	9.2E−16	9.2E−16
5	6.0E+11	5.3E+4	6.2E+2	1.1E−4	2.5E−7	2.2E−12	5.8E−17	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	5.6E+14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	5.7E+11	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	4.9E+19	4.0E+19	3.7E+19	3.4E+19	2.9E+19	1.6E+19	2.4E+18	6.9E+16	1.4E+16	9.8E+15	5.5E+15	2.8E+15	2.2E+15	2.5E+15	2.9E+15
0.025	2.6E+17	1.1E+17	7.6E+16	7.0E+16	6.2E+16	4.2E+16	1.4E+16	1.5E+15	2.1E+13	2.1E+13	2.7E+13	3.9E+13	7.1E+13	1.1E+14	1.7E+14
0.0375	2.4E+18	4.8E+17	8.7E+16	6.7E+16	5.6E+16	3.2E+16	4.6E+15	1.5E+14	3.4E+13	2.6E+13	1.6E+13	1.0E+13	1.1E+13	1.5E+13	1.9E+13
0.0575	1.3E+18	1.1E+18	1.1E+18	1.0E+18	9.1E+17	6.2E+17	2.1E+17	2.3E+16	3.1E+14	3.0E+14	3.9E+14	5.7E+14	1.0E+15	1.7E+15	2.6E+15
0.085	2.6E+19	1.0E+19	7.2E+18	6.5E+18	5.4E+18	3.1E+18	4.5E+17	1.2E+16	5.1E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.8E+13	2.8E+13
0.125	2.1E+19	2.1E+19	2.0E+19	1.9E+19	1.6E+19	8.8E+18	1.2E+18	2.2E+16	6.6E+13	2.7E+13	2.6E+13	2.5E+13	2.5E+13	2.4E+13	2.3E+13
0.225	1.5E+19	1.4E+19	1.4E+19	1.3E+19	1.1E+19	6.1E+18	8.6E+17	1.6E+16	5.0E+13	2.0E+13	1.9E+13	1.9E+13	1.8E+13	1.7E+13	1.5E+13
0.375	1.4E+18	1.4E+18	1.3E+18	1.2E+18	1.0E+18	5.8E+17	7.9E+16	1.0E+15	3.1E+12	1.3E+12	1.3E+12	1.3E+12	1.3E+12	1.3E+12	1.4E+12
0.575	2.3E+17	5.0E+16	1.0E+16	6.2E+15	5.2E+15	2.9E+15	3.5E+14	1.2E+12	2.0E+11	1.5E+11	7.9E+10	3.8E+10	4.1E+10	5.8E+10	7.6E+10
0.85	5.3E+17	2.1E+17	1.3E+17	1.2E+17	9.6E+16	5.0E+16	5.1E+15	7.4E+12	1.0E+11	9.2E+10	7.7E+10	6.9E+10	7.0E+10	7.3E+10	7.3E+10
1.25	9.1E+16	8.5E+16	8.1E+16	7.3E+16	6.1E+16	3.1E+16	3.2E+15	4.6E+12	4.8E+10	4.5E+10	4.0E+10	3.7E+10	3.5E+10	3.4E+10	3.1E+10
1.75	8.2E+13	1.1E+12	6.9E+11	4.9E+11	2.5E+11	3.4E+10	1.1E+10	1.1E+10	9.3E+9	7.8E+9	6.1E+9	5.1E+9	4.9E+9	4.9E+9	4.3E+9
2.25	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.8E+9	5.5E+9	4.7E+9	3.8E+9	2.8E+9	2.1E+9	1.7E+9	1.4E+9	9.9E+8
2.75	4.7E+9	4.8E+9	4.8E+9	4.7E+9	4.8E+9	4.7E+9	4.7E+9	4.6E+9	4.4E+9	4.2E+9	4.5E+9	5.9E+9	1.1E+10	1.5E+10	1.6E+10
3.5	3.1E+9	3.1E+9	3.1E+9	3.1E+9	3.1E+9	3.1E+9	3.0E+9	2.8E+9	2.4E+9	2.0E+9	1.5E+9	1.1E+9	8.9E+8	7.4E+8	5.1E+8
5	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.2E+9	1.0E+9	8.5E+8	6.2E+8	4.6E+8	3.8E+8	3.2E+8	2.2E+8
7	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.2E+8	9.8E+7	7.2E+7	5.3E+7	4.4E+7	3.6E+7	2.5E+7

9.5	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.6E+7	1.4E+7	1.1E+7	8.3E+6	6.1E+6	5.0E+6	4.2E+6	2.9E+6
	FP														
0.01	2.2E+19	6.4E+18	4.9E+18	3.7E+18	2.9E+18	2.0E+18	1.1E+18	6.2E+17	3.2E+17	2.1E+17	1.3E+17	6.3E+16	1.8E+16	1.2E+16	8.8E+15
0.025	1.1E+19	6.0E+18	4.9E+18	4.1E+18	3.5E+18	2.5E+18	1.1E+18	4.2E+17	1.3E+17	6.3E+16	3.6E+16	2.0E+16	7.1E+15	3.2E+15	1.8E+15
0.0375	1.3E+19	8.0E+18	7.4E+18	6.7E+18	5.9E+18	4.2E+18	2.1E+18	8.6E+17	3.6E+17	2.2E+17	1.4E+17	7.0E+16	2.2E+16	1.5E+16	1.1E+16
0.0575	4.7E+18	1.8E+18	1.5E+18	1.2E+18	9.8E+17	5.7E+17	2.1E+17	1.1E+17	6.3E+16	4.4E+16	2.7E+16	1.4E+16	3.9E+15	2.4E+15	1.7E+15
0.085	6.4E+18	3.3E+18	2.8E+18	2.5E+18	2.4E+18	2.0E+18	9.8E+17	2.3E+17	8.3E+16	6.2E+16	4.0E+16	1.9E+16	3.8E+15	1.8E+15	1.1E+15
0.125	1.3E+19	8.6E+18	7.5E+18	7.0E+18	6.3E+18	4.7E+18	2.5E+18	1.4E+18	5.6E+17	2.4E+17	1.2E+17	5.4E+16	7.7E+15	2.9E+15	1.5E+15
0.225	3.7E+19	1.4E+19	1.1E+19	8.5E+18	6.2E+18	2.9E+18	7.4E+17	1.5E+17	4.7E+16	3.0E+16	1.8E+16	9.2E+15	2.7E+15	1.5E+15	1.0E+15
0.375	2.9E+19	9.2E+18	5.6E+18	4.3E+18	3.8E+18	3.0E+18	1.7E+18	4.7E+17	4.2E+16	2.1E+16	1.4E+16	8.2E+15	2.7E+15	1.0E+15	4.6E+14
0.575	5.9E+19	3.4E+19	2.7E+19	2.1E+19	1.6E+19	1.0E+19	5.7E+18	3.1E+18	1.4E+18	8.5E+17	6.2E+17	4.7E+17	2.8E+17	2.0E+17	1.5E+17
0.85	6.5E+19	3.4E+19	2.3E+19	1.7E+19	1.4E+19	1.1E+19	7.9E+18	5.9E+18	3.5E+18	1.6E+18	3.7E+17	1.2E+17	4.5E+16	9.9E+15	1.3E+15
1.25	3.7E+19	1.4E+19	8.0E+18	3.7E+18	1.8E+18	8.1E+17	3.1E+17	1.1E+17	4.9E+16	3.8E+16	2.8E+16	1.8E+16	6.8E+15	2.8E+15	1.1E+15
1.75	1.4E+19	7.5E+18	5.8E+18	4.5E+18	4.0E+18	3.6E+18	2.6E+18	8.7E+17	3.7E+16	2.9E+15	1.8E+15	9.3E+14	2.0E+14	7.5E+13	3.4E+13
2.25	7.1E+18	2.9E+18	1.3E+18	3.4E+17	1.8E+17	1.3E+17	8.3E+16	3.9E+16	1.6E+16	1.2E+16	7.6E+15	3.2E+15	2.4E+14	3.5E+12	2.5E+9
2.75	3.3E+18	1.1E+18	4.7E+17	1.6E+17	1.5E+17	1.4E+17	9.6E+16	3.3E+16	1.4E+15	1.1E+14	7.2E+13	3.6E+13	4.7E+12	1.6E+11	1.8E+8
3.5	1.6E+18	2.8E+17	9.8E+16	5.9E+15	1.3E+15	1.1E+15	8.1E+14	2.9E+14	2.7E+13	1.4E+13	1.0E+13	5.2E+12	6.8E+11	2.3E+10	2.6E+7
5	7.6E+17	3.3E+15	1.6E+15	2.8E+14	9.1E+12	7.4E+7	2.8E-4	2.9E-4	3.1E-4	3.5E-4	4.1E-4	5.1E-4	6.8E-4	7.9E-4	8.3E-4
7	6.8E+15	4.2E-4	1.8E-5	1.8E-5	1.8E-5	1.8E-5	1.8E-5	1.9E-5	2.0E-5	2.2E-5	2.6E-5	3.3E-5	4.4E-5	5.1E-5	5.4E-5
9.5	7.4E+11	1.1E-6	1.1E-6	1.1E-6	1.1E-6	1.2E-6	1.2E-6	1.2E-6	1.3E-6	1.4E-6	1.7E-6	2.1E-6	2.8E-6	3.2E-6	3.4E-6
	All														
0.01	7.1E+19	4.6E+19	4.2E+19	3.8E+19	3.2E+19	1.8E+19	3.5E+18	6.9E+17	3.3E+17	2.2E+17	1.3E+17	6.6E+16	2.0E+16	1.4E+16	1.2E+16
0.025	1.1E+19	6.1E+18	5.0E+18	4.2E+18	3.6E+18	2.5E+18	1.1E+18	4.3E+17	1.3E+17	6.6E+16	3.8E+16	2.1E+16	7.5E+15	3.4E+15	2.0E+15
0.0375	1.5E+19	8.5E+18	7.5E+18	6.8E+18	5.9E+18	4.2E+18	2.1E+18	8.6E+17	3.6E+17	2.2E+17	1.4E+17	7.1E+16	2.2E+16	1.5E+16	1.1E+16
0.0575	6.0E+18	2.9E+18	2.6E+18	2.3E+18	1.9E+18	1.2E+18	4.2E+17	1.3E+17	6.4E+16	4.4E+16	2.8E+16	1.4E+16	4.9E+15	4.1E+15	4.3E+15
0.085	3.3E+19	1.4E+19	9.9E+18	9.0E+18	7.8E+18	5.0E+18	1.4E+18	2.4E+17	8.3E+16	6.2E+16	4.0E+16	1.9E+16	3.8E+15	1.9E+15	1.1E+15
0.125	3.4E+19	2.9E+19	2.8E+19	2.6E+19	2.2E+19	1.3E+19	3.7E+18	1.5E+18	5.6E+17	2.4E+17	1.2E+17	5.4E+16	7.7E+15	2.9E+15	1.5E+15
0.225	5.2E+19	2.8E+19	2.5E+19	2.1E+19	1.7E+19	9.0E+18	1.6E+18	1.6E+17	4.7E+16	3.0E+16	1.8E+16	9.3E+15	2.7E+15	1.6E+15	1.0E+15
0.375	3.1E+19	1.1E+19	7.0E+18	5.6E+18	4.8E+18	3.6E+18	1.8E+18	4.7E+17	4.3E+16	2.2E+16	1.5E+16	8.5E+15	2.8E+15	1.1E+15	4.6E+14
0.575	5.9E+19	3.4E+19	2.8E+19	2.2E+19	1.6E+19	1.0E+19	5.7E+18	3.1E+18	1.4E+18	8.5E+17	6.2E+17	4.7E+17	2.8E+17	2.0E+17	1.5E+17
0.85	6.6E+19	3.4E+19	2.4E+19	1.7E+19	1.4E+19	1.1E+19	8.1E+18	6.0E+18	3.5E+18	1.6E+18	3.7E+17	1.2E+17	4.5E+16	9.9E+15	1.3E+15
1.25	3.7E+19	1.4E+19	8.1E+18	3.8E+18	1.8E+18	8.4E+17	3.1E+17	1.1E+17	4.9E+16	3.8E+16	2.8E+16	1.8E+16	6.8E+15	2.8E+15	1.1E+15
1.75	1.4E+19	7.5E+18	5.8E+18	4.5E+18	4.0E+18	3.6E+18	2.6E+18	8.7E+17	3.7E+16	2.9E+15	1.8E+15	9.3E+14	2.0E+14	7.5E+13	3.4E+13
2.25	7.1E+18	2.9E+18	1.3E+18	3.4E+17	1.8E+17	1.3E+17	8.3E+16	3.9E+16	1.6E+16	1.2E+16	7.6E+15	3.2E+15	2.4E+14	3.5E+12	3.5E+9
2.75	3.3E+18	1.1E+18	4.7E+17	1.6E+17	1.5E+17	1.4E+17	9.6E+16	3.3E+16	1.4E+15	1.1E+14	7.2E+13	3.6E+13	4.7E+12	1.7E+11	1.7E+10
3.5	1.6E+18	2.8E+17	9.8E+16	5.9E+15	1.3E+15	1.1E+15	8.1E+14	2.9E+14	2.7E+13	1.4E+13	1.0E+13	5.2E+12	6.8E+11	2.4E+10	5.4E+8
5	7.6E+17	3.3E+15	1.6E+15	2.8E+14	9.1E+12	1.4E+9	1.3E+9	1.2E+9	1.0E+9	8.5E+8	6.2E+8	4.6E+8	3.8E+8	3.2E+8	2.2E+8
7	7.3E+15	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.2E+8	9.8E+7	7.2E+7	5.3E+7	4.4E+7	3.6E+7	2.5E+7
9.5	1.3E+12	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.6E+7	1.4E+7	1.1E+7	8.3E+6	6.1E+6	5.0E+6	4.2E+6	2.9E+6
	Total photon/sec														
Activ.	4.7E+17	4.6E+17	4.4E+17	3.7E+17	2.7E+17	1.6E+17	1.4E+17	1.2E+17	7.3E+16	3.3E+16	7.3E+15	2.1E+15	7.9E+14	2.2E+14	1.8E+13

Actin.	1.2E+20	8.9E+19	8.2E+19	7.5E+19	6.3E+19	3.6E+19	5.2E+18	1.4E+17	1.4E+16	1.0E+16	6.0E+15	3.5E+15	3.4E+15	4.4E+15	5.7E+15
FP	3.2E+20	1.5E+20	1.1E+20	8.5E+19	6.8E+19	4.7E+19	2.7E+19	1.4E+19	6.6E+18	3.4E+18	1.6E+18	8.7E+17	4.0E+17	2.5E+17	1.8E+17
All	4.4E+20	2.4E+20	1.9E+20	1.6E+20	1.3E+20	8.3E+19	3.3E+19	1.5E+19	6.7E+18	3.4E+18	1.6E+18	8.8E+17	4.1E+17	2.6E+17	1.8E+17
	Total MeV/sec														
Activ.	3.3E+17	3.2E+17	3.0E+17	2.6E+17	1.9E+17	1.2E+17	1.0E+17	9.2E+16	5.8E+16	2.5E+16	4.0E+15	4.7E+14	1.8E+14	5.2E+13	4.6E+12
Actin.	1.0E+19	8.0E+18	7.5E+18	6.8E+18	5.8E+18	3.2E+18	4.6E+17	9.8E+15	1.8E+14	1.3E+14	9.0E+13	7.2E+13	9.5E+13	1.4E+14	1.9E+14
FP	2.2E+20	9.8E+19	6.7E+19	4.6E+19	3.6E+19	2.6E+19	1.7E+19	9.1E+18	4.1E+18	2.0E+18	7.6E+17	4.2E+17	2.1E+17	1.3E+17	9.0E+16
All	2.3E+20	1.1E+20	7.4E+19	5.3E+19	4.2E+19	2.9E+19	1.7E+19	9.2E+18	4.1E+18	2.0E+18	7.7E+17	4.3E+17	2.1E+17	1.3E+17	9.0E+16

表 62　3 号機炉心、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	4.2E+11	3.8E+10	4.1E+10	4.0E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.8E+10	3.8E+10	3.8E+10	3.7E+10	3.5E+10	3.1E+10	2.4E+10
0.025	7.2E+12	4.1E+9	2.0E+8	1.2E+8	6.4E+7	5.4E+7	4.9E+7	3.5E+7	2.2E+7	1.0E+7	5.7E+6	5.4E+6	5.2E+6	4.5E+6	3.6E+6
0.0375	1.8E+12	1.0E+9	5.4E+7	3.9E+7	2.7E+7	2.4E+7	2.1E+7	1.5E+7	8.7E+6	3.3E+6	1.1E+6	1.0E+6	9.6E+5	8.3E+5	6.6E+5
0.0575	4.3E+9	3.2E+7	2.4E+7	2.1E+7	1.9E+7	1.8E+7	1.6E+7	1.1E+7	6.0E+6	1.8E+6	1.2E+5	7.6E+4	7.2E+4	6.3E+4	5.0E+4
0.085	2.0E+9	7.6E+6	3.9E+6	3.1E+6	3.0E+6	2.8E+6	2.5E+6	1.7E+6	9.4E+5	2.8E+5	8.9E+3	1.3E+3	1.1E+3	9.3E+2	7.3E+2
0.125	3.8E+10	2.3E+7	7.7E+5	2.8E+5	2.2E+5	2.1E+5	1.9E+5	1.3E+5	7.2E+4	2.2E+4	1.3E+3	6.5E+2	5.8E+2	4.9E+2	3.9E+2
0.225	5.5E+11	2.9E+8	7.5E+5	6.8E+4	1.0E+3	9.8E+2	9.6E+2	9.1E+2	8.4E+2	7.4E+2	5.8E+2	4.9E+2	4.6E+2	4.0E+2	3.2E+2
0.375	3.3E+12	1.7E+9	3.6E+5	3.2E+4	1.1E+2	8.2E+1	8.1E+1	7.8E+1	7.5E+1	6.9E+1	5.9E+1	5.4E+1	5.1E+1	4.5E+1	3.6E+1
0.575	4.2E+12	2.2E+9	2.1E+5	1.8E+4	1.4E+1	5.6E−1	5.6E−1	5.6E−1	5.6E−1	5.5E−1	5.5E−1	5.4E−1	5.1E−1	4.5E−1	3.6E−1
0.85	3.4E+7	6.4E+6	5.9E+6	5.8E+6	5.8E+6	5.7E+6	5.5E+6	4.9E+6	4.2E+6	3.0E+6	1.1E+6	1.9E+5	6.3E+3	2.2E−1	8.4E−9
1.25	4.7E+11	9.1E+9	1.3E+7	2.7E+3	1.9E+0	1.1E−5	1.4E−12	1.0E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
1.75	2.3E+4	1.1E+4	3.4E+3	3.0E+2	2.2E−1	1.3E−6	7.0E−14	5.1E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	2.5E+6	4.8E+4	6.8E+1	7.2E−2	5.2E−5	3.0E−10	9.2E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	7.7E+3	1.5E+2	2.1E−1	4.0E−7	2.3E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	9.2E−16	2.9E−16	2.9E−16	2.9E−16	2.9E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.9E+15	3.1E+15	2.9E+15	2.3E+15	1.4E+15	7.8E+14	3.6E+14	2.0E+14	1.3E+14	6.9E+13	2.2E+13	1.1E+13	9.0E+12	9.2E+12	8.2E+12
0.025	1.7E+14	2.4E+14	2.4E+14	2.1E+14	1.3E+14	5.8E+13	1.2E+13	4.8E+11	3.8E+11	3.8E+11	3.9E+11	4.0E+11	4.0E+11	3.8E+11	3.3E+11
0.0375	1.9E+13	2.4E+13	2.3E+13	2.0E+13	1.3E+13	6.6E+12	2.6E+12	1.3E+12	8.2E+11	3.9E+11	2.4E+11	4.0E+11	7.0E+11	9.7E+11	9.3E+11
0.0575	2.6E+15	3.6E+15	3.6E+15	3.1E+15	1.9E+15	8.5E+14	1.7E+14	2.3E+12	6.4E+11	3.8E+11	2.1E+11	2.1E+11	2.3E+11	2.3E+11	2.1E+11
0.085	2.8E+13	2.6E+13	2.5E+13	2.4E+13	2.3E+13	2.1E+13	1.9E+13	1.5E+13	1.0E+13	5.0E+12	2.3E+12	2.6E+12	3.2E+12	3.5E+12	3.2E+12
0.125	2.3E+13	2.0E+13	1.8E+13	1.7E+13	1.5E+13	1.4E+13	1.2E+13	9.0E+12	5.8E+12	2.5E+12	5.0E+11	4.1E+11	4.8E+11	5.3E+11	4.9E+11
0.225	1.5E+13	1.2E+13	1.0E+13	9.5E+12	9.2E+12	8.7E+12	8.0E+12	6.1E+12	3.9E+12	1.8E+12	7.5E+11	9.9E+11	1.3E+12	1.4E+12	1.3E+12

0.375	1.4E+12	1.4E+12	1.4E+12	1.5E+12	1.7E+12	1.9E+12	1.9E+12	1.8E+12	1.6E+12	1.5E+12	1.6E+12	1.9E+12	2.3E+12	2.3E+12	2.0E+12
0.575	7.6E+10	9.0E+10	8.5E+10	7.0E+10	4.5E+10	2.7E+10	1.9E+10	4.1E+10	9.3E+10	1.9E+11	4.7E+11	7.4E+11	9.5E+11	8.8E+11	7.0E+11
0.85	7.3E+10	6.7E+10	5.6E+10	4.1E+10	2.2E+10	1.3E+10	9.8E+9	1.5E+10	2.9E+10	5.4E+10	1.2E+11	1.9E+11	2.4E+11	2.2E+11	1.8E+11
1.25	3.1E+10	2.6E+10	2.2E+10	1.6E+10	8.9E+9	7.6E+9	1.1E+10	2.7E+10	6.0E+10	1.3E+11	3.0E+11	4.6E+11	5.9E+11	5.4E+11	4.3E+11
1.75	4.3E+9	2.9E+9	2.0E+9	1.4E+9	1.3E+9	2.0E+9	4.7E+9	1.8E+10	4.6E+10	1.0E+11	2.4E+11	3.9E+11	5.0E+11	4.7E+11	3.8E+11
2.25	9.9E+8	3.6E+8	1.1E+8	7.0E+7	1.2E+8	3.3E+8	1.1E+9	5.2E+9	1.4E+10	3.0E+10	7.2E+10	1.1E+11	1.5E+11	1.3E+11	1.0E+11
2.75	1.6E+10	1.2E+10	7.6E+9	2.9E+9	1.9E+8	3.7E+7	4.7E+7	1.1E+8	2.5E+8	5.2E+8	1.3E+9	2.0E+9	2.5E+9	2.3E+9	1.8E+9
3.5	5.1E+8	1.9E+8	5.6E+7	3.2E+7	2.9E+7	2.8E+7	2.9E+7	3.7E+7	5.8E+7	1.1E+8	2.4E+8	3.8E+8	4.8E+8	4.3E+8	3.4E+8
5	2.2E+8	7.9E+7	2.3E+7	1.3E+7	1.2E+7	1.2E+7	1.1E+7	8.4E+6	6.0E+6	3.8E+6	2.6E+6	2.3E+6	1.9E+6	1.2E+6	5.2E+5
7	2.5E+7	9.1E+6	2.7E+6	1.5E+6	1.4E+6	1.3E+6	1.2E+6	9.6E+5	6.8E+5	4.3E+5	2.9E+5	2.7E+5	2.2E+5	1.3E+5	5.9E+4
9.5	2.9E+6	1.0E+6	3.0E+5	1.7E+5	1.6E+5	1.5E+5	1.4E+5	1.1E+5	7.8E+4	4.9E+4	3.4E+4	3.1E+4	2.6E+4	1.5E+4	6.8E+3
	FP														
0.01	8.8E+15	4.2E+15	1.3E+15	1.2E+14	1.1E+12	1.0E+12	9.9E+11	9.9E+11	9.8E+11	9.7E+11	9.3E+11	8.8E+11	8.0E+11	6.5E+11	5.0E+11
0.025	1.8E+15	8.2E+14	2.5E+14	2.3E+13	6.6E+11	6.3E+11	6.3E+11	6.2E+11	6.0E+11	5.6E+11	4.7E+11	3.5E+11	2.0E+11	6.9E+10	4.8E+10
0.0375	1.1E+16	5.3E+15	1.6E+15	1.6E+14	2.0E+11	4.2E+10	4.2E+10	4.2E+10	4.1E+10	3.9E+10	3.6E+10	3.1E+10	2.4E+10	1.6E+10	1.4E+10
0.0575	1.7E+15	7.8E+14	2.3E+14	2.1E+13	1.9E+11	1.7E+11	1.7E+11	1.7E+11	1.6E+11	1.5E+11	1.2E+11	8.8E+10	4.6E+10	7.4E+9	7.2E+8
0.085	1.1E+15	4.7E+14	1.4E+14	1.3E+13	6.8E+11	6.7E+11	6.6E+11	6.5E+11	6.3E+11	5.9E+11	4.8E+11	3.4E+11	1.7E+11	2.2E+10	8.4E+8
0.125	1.5E+15	3.8E+14	9.4E+13	8.4E+12	1.2E+10	5.7E+9	5.6E+9	5.5E+9	5.4E+9	5.1E+9	4.2E+9	3.2E+9	1.8E+9	4.3E+8	6.6E+7
0.225	1.0E+15	4.3E+14	1.3E+14	1.1E+13	3.7E+10	2.8E+10	2.7E+10	2.6E+10	2.5E+10	2.3E+10	1.9E+10	1.3E+10	6.7E+9	8.8E+8	4.0E+7
0.375	4.6E+14	2.0E+14	5.9E+13	6.7E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.4E+12	1.3E+12	1.1E+12	7.6E+11	3.8E+11	4.7E+10	1.5E+9
0.575	1.5E+17	7.4E+16	2.3E+16	2.3E+15	5.7E+12	3.4E+12	3.3E+12	3.3E+12	3.2E+12	3.0E+12	2.4E+12	1.7E+12	8.5E+11	1.1E+11	3.3E+9
0.85	1.3E+15	1.2E+14	1.3E+13	1.2E+12	1.7E+11	1.7E+11	1.7E+11	1.6E+11	1.6E+11	1.5E+11	1.2E+11	8.5E+10	4.2E+10	5.3E+9	1.7E+8
1.25	1.1E+15	1.1E+14	6.4E+12	4.7E+11	4.1E+10	4.1E+10	4.1E+10	4.0E+10	3.8E+10	3.6E+10	2.9E+10	2.1E+10	1.0E+10	1.3E+9	4.0E+7
1.75	3.4E+13	4.5E+12	5.8E+11	4.8E+10	3.5E+7	5.9E+5	5.9E+5	5.8E+5	5.6E+5	5.2E+5	4.2E+5	3.0E+5	1.5E+5	1.9E+4	5.8E+2
2.25	2.5E+9	4.3E+8	1.3E+8	1.1E+7	8.3E+3	5.5E−2	7.6E−3	7.6E−3	7.6E−3	7.6E−3	7.6E−3	7.6E−3	7.6E−3	7.6E−3	7.6E−3
2.75	1.8E+8	2.7E−1	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3	3.8E−3
3.5	2.6E+7	4.2E−2	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3	2.8E−3
5	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4	8.3E−4
7	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5	5.4E−5
9.5	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6	3.4E−6
	All														
0.01	1.2E+16	7.4E+15	4.2E+15	2.5E+15	1.4E+15	7.9E+14	3.6E+14	2.0E+14	1.4E+14	7.0E+13	2.3E+13	1.2E+13	9.8E+12	9.9E+12	8.7E+12
0.025	2.0E+15	1.1E+15	4.9E+14	2.3E+14	1.3E+14	5.9E+13	1.3E+13	1.1E+12	9.8E+11	9.4E+11	8.5E+11	7.4E+11	6.0E+11	4.4E+11	3.8E+11
0.0375	1.1E+16	5.3E+15	1.7E+15	1.8E+14	1.3E+13	6.6E+12	2.6E+12	1.3E+12	8.6E+11	4.3E+11	2.7E+11	4.3E+11	7.2E+11	9.9E+11	9.4E+11
0.0575	4.3E+15	4.3E+15	3.8E+15	3.1E+15	1.9E+15	8.6E+14	1.7E+14	2.5E+12	8.0E+11	5.3E+11	3.4E+11	2.9E+11	2.8E+11	2.4E+11	2.1E+11
0.085	1.1E+15	5.0E+14	1.7E+14	3.8E+13	2.3E+13	2.2E+13	2.0E+13	1.6E+13	1.1E+13	5.6E+12	2.8E+12	2.9E+12	3.4E+12	3.6E+12	3.2E+12
0.125	1.5E+15	4.0E+14	1.1E+14	2.5E+13	1.5E+13	1.4E+13	1.2E+13	9.1E+12	5.8E+12	2.5E+12	5.1E+11	4.2E+11	4.9E+11	5.3E+11	4.9E+11
0.225	1.0E+15	4.5E+14	1.4E+14	2.1E+13	9.2E+12	8.8E+12	8.0E+12	6.1E+12	3.9E+12	1.8E+12	7.7E+11	1.0E+12	1.3E+12	1.4E+12	1.3E+12
0.375	4.6E+14	2.0E+14	6.1E+13	8.2E+12	3.2E+12	3.4E+12	3.4E+12	3.2E+12	3.0E+12	2.8E+12	2.7E+12	2.7E+12	2.7E+12	2.4E+12	2.0E+12
0.575	1.5E+17	7.4E+16	2.3E+16	2.3E+15	5.8E+12	3.4E+12	3.4E+12	3.3E+12	3.3E+12	3.2E+12	2.9E+12	2.4E+12	1.8E+12	9.8E+11	7.1E+11
0.85	1.3E+15	1.2E+14	1.3E+13	1.3E+12	1.9E+11	1.8E+11	1.8E+11	1.8E+11	1.9E+11	2.0E+11	2.4E+11	2.7E+11	2.8E+11	2.3E+11	1.8E+11

1.25	1.1E+15	1.1E+14	6.4E+12	4.8E+11	5.0E+10	4.8E+10	5.1E+10	6.7E+10	9.9E+10	1.6E+11	3.3E+11	4.8E+11	6.0E+11	5.4E+11	4.3E+11
1.75	3.4E+13	4.5E+12	5.8E+11	4.9E+10	1.4E+9	2.0E+9	4.7E+9	1.8E+10	4.6E+10	1.0E+11	2.4E+11	3.9E+11	5.0E+11	4.7E+11	3.8E+11
2.25	3.5E+9	7.9E+8	2.4E+8	8.1E+7	1.2E+8	3.3E+8	1.1E+9	5.2E+9	1.4E+10	3.0E+10	7.2E+10	1.1E+11	1.5E+11	1.3E+11	1.0E+11
2.75	1.7E+10	1.2E+10	7.6E+9	2.9E+9	1.9E+8	3.7E+7	4.7E+7	1.1E+8	2.5E+8	5.2E+8	1.3E+9	2.0E+9	2.5E+9	2.3E+9	1.8E+9
3.5	5.4E+8	1.9E+8	5.6E+7	3.2E+7	2.9E+7	2.8E+7	2.9E+7	3.7E+7	5.8E+7	1.1E+8	2.4E+8	3.8E+8	4.8E+8	4.3E+8	3.4E+8
5	2.2E+8	7.9E+7	2.3E+7	1.3E+7	1.2E+7	1.2E+7	1.1E+7	8.4E+6	6.0E+6	3.8E+6	2.6E+6	2.3E+6	1.9E+6	1.2E+6	5.2E+5
7	2.5E+7	9.1E+6	2.7E+6	1.5E+6	1.4E+6	1.3E+6	1.2E+6	9.6E+5	6.8E+5	4.3E+5	2.9E+5	2.7E+5	2.2E+5	1.3E+5	5.9E+4
9.5	2.9E+6	1.0E+6	3.0E+5	1.7E+5	1.6E+5	1.5E+5	1.4E+5	1.1E+5	7.8E+4	4.9E+4	3.4E+4	3.1E+4	2.6E+4	1.5E+4	6.8E+3
	Total photon/sec														
Activ.	1.8E+13	5.7E+10	4.1E+10	4.0E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.8E+10	3.8E+10	3.8E+10	3.7E+10	3.5E+10	3.1E+10	2.4E+10
Actin.	5.7E+15	7.0E+15	6.8E+15	5.7E+15	3.5E+15	1.7E+15	5.8E+14	2.3E+14	1.6E+14	8.2E+13	3.0E+13	2.0E+13	2.0E+13	2.1E+13	1.8E+13
FP	1.8E+17	8.7E+16	2.7E+16	2.7E+15	1.0E+13	7.6E+12	7.6E+12	7.4E+12	7.2E+12	6.8E+12	5.7E+12	4.3E+12	2.5E+12	9.2E+11	5.7E+11
All	1.8E+17	9.4E+16	3.4E+16	8.4E+15	3.5E+15	1.8E+15	5.9E+14	2.4E+14	1.6E+14	8.9E+13	3.5E+13	2.4E+13	2.3E+13	2.2E+13	1.9E+13
	Total MeV/sec														
Activ.	4.6E+12	1.4E+10	4.4E+8	4.1E+8	4.0E+8	4.0E+8	4.0E+8	3.9E+8	3.9E+8	3.8E+8	3.8E+8	3.7E+8	3.5E+8	3.1E+8	2.4E+8
Actin.	1.9E+14	2.5E+14	2.5E+14	2.1E+14	1.3E+14	6.5E+13	2.0E+13	6.7E+12	4.7E+12	3.0E+12	2.6E+12	3.5E+12	4.3E+12	4.2E+12	3.5E+12
FP	9.0E+16	4.4E+16	1.4E+16	1.4E+15	4.2E+12	2.8E+12	2.8E+12	2.7E+12	2.6E+12	2.5E+12	2.0E+12	1.4E+12	7.1E+11	9.6E+10	9.5E+9
All	9.0E+16	4.4E+16	1.4E+16	1.6E+15	1.4E+14	6.8E+13	2.2E+13	9.4E+12	7.4E+12	5.5E+12	4.6E+12	4.9E+12	5.0E+12	4.3E+12	3.5E+12

表 63　1 号機使用済燃料プール、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	3.4E+13	3.4E+13	3.4E+13	3.4E+13	3.4E+13	3.4E+13	3.3E+13	3.2E+13	2.8E+13	2.4E+13	1.8E+13	1.2E+13	4.6E+12	1.3E+12	1.3E+11
0.025	4.5E+14	4.5E+14	4.5E+14	4.5E+14	4.5E+14	4.4E+14	4.4E+14	4.3E+14	3.9E+14	3.5E+14	2.8E+14	2.0E+14	8.2E+13	2.3E+13	1.9E+12
0.0375	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.0E+13	6.7E+13	6.3E+13	5.5E+13	4.3E+13	2.0E+13	5.8E+12	4.7E+11
0.0575	6.3E+11	6.3E+11	6.3E+11	6.3E+11	6.3E+11	6.2E+11	6.0E+11	5.5E+11	4.3E+11	3.3E+11	2.3E+11	1.4E+11	5.0E+10	1.4E+10	1.2E+9
0.085	1.9E+11	1.9E+11	1.9E+11	1.9E+11	1.9E+11	1.9E+11	1.8E+11	1.6E+11	1.2E+11	9.1E+10	6.5E+10	4.6E+10	2.1E+10	6.2E+9	5.2E+8
0.125	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.4E+12	1.3E+12	1.2E+12	9.0E+11	4.2E+11	1.2E+11	9.8E+9
0.225	2.3E+13	2.3E+13	2.3E+13	2.3E+13	2.3E+13	2.3E+13	2.3E+13	2.2E+13	2.1E+13	1.9E+13	1.7E+13	1.3E+13	6.1E+12	1.7E+12	1.4E+11
0.375	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.2E+14	1.1E+14	1.0E+14	7.7E+13	3.6E+13	1.0E+13	8.4E+11
0.575	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.5E+14	1.5E+14	1.3E+14	9.9E+13	4.7E+13	1.3E+13	1.1E+12
0.85	6.7E+14	6.7E+14	6.6E+14	6.6E+14	6.6E+14	6.4E+14	6.0E+14	4.8E+14	2.5E+14	9.9E+13	1.6E+13	2.0E+12	1.6E+11	2.8E+9	1.4E+7
1.25	3.4E+12	3.4E+12	3.4E+12	3.4E+12	3.4E+12	3.4E+12	3.4E+12	3.4E+12	3.3E+12	3.2E+12	2.9E+12	2.6E+12	1.7E+12	9.0E+11	2.4E+11
1.75	5.1E+10	5.1E+10	5.1E+10	5.1E+10	5.1E+10	5.0E+10	4.6E+10	3.6E+10	1.9E+10	6.7E+9	8.5E+8	1.8E+7	2.1E+5	2.8E+4	2.1E+4
2.25	5.3E+9	5.3E+9	5.2E+9	5.2E+9	5.2E+9	5.1E+9	4.7E+9	3.7E+9	1.9E+9	6.8E+8	9.4E+7	1.5E+7	9.2E+6	4.8E+6	1.3E+6
2.75	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.8E+6	3.8E+6	3.5E+6	2.8E+6	1.4E+6	5.3E+5	1.1E+5	4.3E+4	2.8E+4	1.5E+4	4.0E+3
3.5	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15	1.1E−15
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.7E+15	3.4E+15	3.1E+15	2.7E+15	2.4E+15	2.4E+15	2.5E+15	2.6E+15
0.025	4.7E+13	4.7E+13	4.7E+13	4.7E+13	4.7E+13	4.7E+13	4.7E+13	4.8E+13	4.9E+13	5.1E+13	5.4E+13	6.1E+13	7.9E+13	1.0E+14	1.4E+14
0.0375	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.3E+13	1.2E+13	1.2E+13	1.1E+13	1.3E+13	1.4E+13	1.7E+13
0.0575	6.9E+14	6.9E+14	6.9E+14	6.9E+14	6.9E+14	6.9E+14	6.9E+14	7.0E+14	7.2E+14	7.4E+14	8.0E+14	9.0E+14	1.2E+15	1.5E+15	2.0E+15
0.085	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.7E+13	3.6E+13	3.6E+13	3.4E+13
0.125	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.5E+13	3.4E+13	3.3E+13	3.2E+13	2.9E+13
0.225	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.9E+13	2.8E+13	2.8E+13	2.8E+13	2.8E+13	2.6E+13	2.5E+13	2.2E+13
0.375	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12	1.5E+12
0.575	5.9E+10	5.9E+10	5.9E+10	5.9E+10	5.9E+10	5.9E+10	5.8E+10	5.6E+10	5.1E+10	4.7E+10	4.2E+10	4.1E+10	4.8E+10	5.8E+10	6.7E+10
0.85	8.6E+10	8.6E+10	8.6E+10	8.6E+10	8.6E+10	8.6E+10	8.6E+10	8.5E+10	8.4E+10	8.3E+10	8.2E+10	8.1E+10	8.2E+10	8.1E+10	7.7E+10
1.25	4.3E+10	4.3E+10	4.3E+10	4.3E+10	4.3E+10	4.3E+10	4.2E+10	4.2E+10	4.2E+10	4.1E+10	4.1E+10	4.0E+10	3.9E+10	3.7E+10	3.4E+10
1.75	6.9E+9	6.9E+9	6.9E+9	6.9E+9	7.0E+9	6.9E+9	6.9E+9	6.9E+9	6.7E+9	6.6E+9	6.4E+9	6.3E+9	6.1E+9	5.7E+9	4.6E+9
2.25	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.1E+9	3.0E+9	2.9E+9	2.8E+9	2.6E+9	2.3E+9	1.9E+9	1.3E+9
2.75	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.2E+10	1.1E+10	1.1E+10	1.1E+10	1.2E+10	1.2E+10	1.3E+10	1.4E+10	1.7E+10	2.0E+10	1.9E+10
3.5	1.7E+9	1.7E+9	1.7E+9	1.7E+9	1.7E+9	1.6E+9	1.6E+9	1.6E+9	1.6E+9	1.5E+9	1.4E+9	1.4E+9	1.2E+9	1.0E+9	6.9E+8
5	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.0E+8	6.9E+8	6.7E+8	6.5E+8	6.2E+8	5.8E+8	5.1E+8	4.3E+8	3.0E+8
7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.0E+7	7.8E+7	7.5E+7	7.1E+7	6.7E+7	5.9E+7	4.9E+7	3.4E+7
9.5	9.4E+6	9.4E+6	9.4E+6	9.4E+6	9.4E+6	9.3E+6	9.3E+6	9.2E+6	8.9E+6	8.6E+6	8.2E+6	7.7E+6	6.8E+6	5.7E+6	3.9E+6
	FP														
0.01	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	2.9E+16	2.6E+16	2.3E+16	1.9E+16	1.4E+16	9.0E+15	7.4E+15	5.6E+15
0.025	9.4E+15	9.4E+15	9.4E+15	9.4E+15	9.4E+15	9.3E+15	9.2E+15	9.0E+15	8.3E+15	7.5E+15	6.2E+15	4.6E+15	2.6E+15	1.7E+15	1.1E+15
0.0375	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.2E+16	3.1E+16	2.9E+16	2.6E+16	2.2E+16	1.7E+16	1.2E+16	9.9E+15	7.4E+15
0.0575	6.6E+15	6.6E+15	6.6E+15	6.6E+15	6.6E+15	6.6E+15	6.5E+15	6.3E+15	5.8E+15	5.2E+15	4.2E+15	3.0E+15	1.9E+15	1.5E+15	1.1E+15
0.085	8.1E+15	8.1E+15	8.1E+15	8.1E+15	8.1E+15	8.1E+15	8.0E+15	7.7E+15	7.0E+15	6.1E+15	4.6E+15	3.1E+15	1.6E+15	1.1E+15	6.9E+14
0.125	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.1E+16	2.0E+16	1.8E+16	1.5E+16	1.1E+16	6.6E+15	3.1E+15	2.0E+15	1.0E+15
0.225	4.5E+15	4.5E+15	4.5E+15	4.5E+15	4.5E+15	4.5E+15	4.5E+15	4.3E+15	4.0E+15	3.5E+15	2.9E+15	2.1E+15	1.3E+15	9.6E+14	6.6E+14
0.375	3.8E+15	3.7E+15	3.7E+15	3.7E+15	3.7E+15	3.7E+15	3.7E+15	3.6E+15	3.3E+15	3.0E+15	2.5E+15	1.7E+15	8.9E+14	4.8E+14	2.8E+14
0.575	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	2.9E+17	2.8E+17	2.6E+17	2.2E+17	1.7E+17	1.3E+17	1.0E+17
0.85	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.0E+17	9.8E+16	8.5E+16	7.3E+16	6.0E+16	4.3E+16	1.7E+16	4.2E+15	8.1E+14
1.25	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.1E+16	1.1E+16	9.9E+15	8.5E+15	6.5E+15	3.5E+15	1.9E+15	7.7E+14
1.75	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.5E+14	5.3E+14	4.8E+14	4.2E+14	3.1E+14	2.0E+14	8.9E+13	5.3E+13	2.4E+13
2.25	1.2E+15	1.2E+15	1.2E+15	1.2E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	9.3E+14	7.5E+14	4.9E+14	2.1E+14	1.6E+13	2.9E+11	7.4E+8
2.75	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.7E+13	1.5E+13	1.3E+13	9.2E+12	4.6E+12	6.0E+11	2.0E+10	2.3E+7
3.5	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.5E+12	2.2E+12	1.9E+12	1.3E+12	6.8E+11	8.8E+10	3.0E+9	3.4E+6
5	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.3E-4	5.4E-4	5.5E-4	5.7E-4	6.1E-4	6.3E-4	6.4E-4
7	3.4E-5	3.4E-5	3.4E-5	3.4E-5	3.4E-5	3.4E-5	3.4E-5	3.4E-5	3.5E-5	3.5E-5	3.6E-5	3.7E-5	3.9E-5	4.1E-5	4.1E-5
9.5	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.2E-6	2.3E-6	2.3E-6	2.5E-6	2.6E-6	2.6E-6
	All														

0.01	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.3E+16	3.0E+16	2.7E+16	2.2E+16	1.6E+16	1.1E+16	9.9E+15	8.2E+15
0.025	9.9E+15	9.9E+15	9.9E+15	9.9E+15	9.9E+15	9.8E+15	9.7E+15	9.5E+15	8.8E+15	7.9E+15	6.6E+15	4.9E+15	2.8E+15	1.8E+15	1.2E+15
0.0375	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.2E+16	3.2E+16	2.9E+16	2.6E+16	2.2E+16	1.7E+16	1.2E+16	1.0E+16	7.5E+15
0.0575	7.3E+15	7.3E+15	7.3E+15	7.3E+15	7.3E+15	7.3E+15	7.2E+15	7.0E+15	6.5E+15	5.9E+15	4.9E+15	3.9E+15	3.1E+15	3.0E+15	3.1E+15
0.085	8.2E+15	8.2E+15	8.2E+15	8.2E+15	8.2E+15	8.1E+15	8.0E+15	7.8E+15	7.0E+15	6.1E+15	4.7E+15	3.1E+15	1.7E+15	1.1E+15	7.2E+14
0.125	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.1E+16	2.1E+16	1.8E+16	1.5E+16	1.1E+16	6.7E+15	3.1E+15	2.0E+15	1.0E+15
0.225	4.6E+15	4.6E+15	4.6E+15	4.6E+15	4.6E+15	4.6E+15	4.5E+15	4.4E+15	4.0E+15	3.6E+15	2.9E+15	2.1E+15	1.3E+15	9.9E+14	6.8E+14
0.375	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.9E+15	3.8E+15	3.7E+15	3.5E+15	3.1E+15	2.6E+15	1.8E+15	9.2E+14	4.9E+14	2.8E+14
0.575	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.1E+17	3.0E+17	2.8E+17	2.6E+17	2.2E+17	1.7E+17	1.3E+17	1.0E+17
0.85	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.0E+17	9.8E+16	8.5E+16	7.4E+16	6.0E+16	4.3E+16	1.7E+16	4.2E+15	8.1E+14
1.25	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.1E+16	1.1E+16	9.9E+15	8.5E+15	6.5E+15	3.5E+15	1.9E+15	7.7E+14
1.75	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.5E+14	5.3E+14	4.8E+14	4.2E+14	3.1E+14	2.0E+14	8.9E+13	5.3E+13	2.4E+13
2.25	1.2E+15	1.2E+15	1.2E+15	1.2E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	9.3E+14	7.5E+14	4.9E+14	2.1E+14	1.6E+13	2.9E+11	2.1E+9
2.75	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.7E+13	1.5E+13	1.3E+13	9.2E+12	4.7E+12	6.2E+11	4.0E+10	1.9E+10
3.5	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.6E+12	2.5E+12	2.2E+12	1.9E+12	1.3E+12	6.8E+11	9.0E+10	4.0E+9	6.9E+8
5	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.1E+8	7.0E+8	6.9E+8	6.7E+8	6.5E+8	6.2E+8	5.8E+8	5.1E+8	4.3E+8	3.0E+8
7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.1E+7	8.0E+7	7.8E+7	7.5E+7	7.1E+7	6.7E+7	5.9E+7	4.9E+7	3.4E+7
9.5	9.4E+6	9.4E+6	9.4E+6	9.4E+6	9.4E+6	9.3E+6	9.3E+6	9.2E+6	8.9E+6	8.6E+6	8.2E+6	7.7E+6	6.8E+6	5.7E+6	3.9E+6
	Total photon/sec														
Activ.	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.3E+15	1.0E+15	8.2E+14	6.2E+14	4.5E+14	2.0E+14	5.6E+13	4.8E+12
Actin.	4.8E+15	4.8E+15	4.8E+15	4.8E+15	4.8E+15	4.8E+15	4.7E+15	4.6E+15	4.3E+15	4.0E+15	3.6E+15	3.5E+15	3.8E+15	4.2E+15	4.9E+15
FP	5.5E+17	5.5E+17	5.5E+17	5.5E+17	5.5E+17	5.5E+17	5.4E+17	5.3E+17	4.9E+17	4.6E+17	4.0E+17	3.2E+17	2.2E+17	1.6E+17	1.2E+17
All	5.6E+17	5.6E+17	5.5E+17	5.5E+17	5.5E+17	5.5E+17	5.5E+17	5.3E+17	5.0E+17	4.6E+17	4.0E+17	3.3E+17	2.2E+17	1.7E+17	1.3E+17
	Total MeV/sec														
Activ.	7.3E+14	7.3E+14	7.3E+14	7.3E+14	7.3E+14	7.1E+14	6.7E+14	5.7E+14	3.7E+14	2.3E+14	1.4E+14	1.0E+14	4.7E+13	1.4E+13	1.3E+12
Actin.	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.5E+13	9.4E+13	9.2E+13	9.0E+13	8.9E+13	9.2E+13	1.1E+14	1.3E+14	1.6E+14
FP	3.0E+17	3.0E+17	3.0E+17	3.0E+17	3.0E+17	2.9E+17	2.9E+17	2.8E+17	2.7E+17	2.4E+17	2.1E+17	1.8E+17	1.2E+17	8.3E+16	6.1E+16
All	3.0E+17	3.0E+17	3.0E+17	3.0E+17	3.0E+17	3.0E+17	2.9E+17	2.8E+17	2.7E+17	2.5E+17	2.2E+17	1.8E+17	1.2E+17	8.3E+16	6.1E+16

表 64　1 号機使用済燃料プール、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	1.3E+11	3.4E+10	3.5E+10	3.4E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.2E+10	3.1E+10	3.0E+10	2.6E+10	2.1E+10
0.025	1.9E+12	1.2E+9	1.6E+8	1.0E+8	5.4E+7	4.6E+7	4.2E+7	3.0E+7	1.9E+7	9.0E+6	4.8E+6	4.6E+6	4.4E+6	3.9E+6	3.1E+6
0.0375	4.7E+11	3.1E+8	4.5E+7	3.3E+7	2.3E+7	2.0E+7	1.8E+7	1.3E+7	7.5E+6	2.8E+6	9.3E+5	8.6E+5	8.2E+5	7.1E+5	5.7E+5
0.0575	1.2E+9	2.6E+7	2.0E+7	1.8E+7	1.6E+7	1.5E+7	1.3E+7	9.3E+6	5.1E+6	1.6E+6	1.1E+5	6.6E+4	6.3E+4	5.4E+4	4.3E+4
0.085	5.2E+8	5.8E+6	3.4E+6	2.7E+6	2.5E+6	2.4E+6	2.1E+6	1.5E+6	8.1E+5	2.4E+5	8.0E+3	1.4E+3	1.3E+3	1.1E+3	8.2E+2
0.125	9.8E+9	7.2E+6	6.8E+5	2.4E+5	1.9E+5	1.8E+5	1.6E+5	1.1E+5	6.1E+4	1.9E+4	1.3E+3	7.3E+2	6.6E+2	5.6E+2	4.4E+2

0.225	1.4E+11	7.7E+7	6.8E+5	6.2E+4	9.3E+2	8.8E+2	8.7E+2	8.4E+2	7.9E+2	7.2E+2	6.1E+2	5.5E+2	5.2E+2	4.5E+2	3.6E+2
0.375	8.4E+11	4.5E+8	3.3E+5	2.9E+4	1.0E+2	8.0E+1	7.9E+1	7.7E+1	7.5E+1	7.1E+1	6.4E+1	6.0E+1	5.7E+1	5.0E+1	4.0E+1
0.575	1.1E+12	5.7E+8	1.9E+5	1.7E+4	1.3E+1	6.3E−1	6.3E−1	6.3E−1	6.3E−1	6.2E−1	6.1E−1	6.0E−1	5.8E−1	5.1E−1	4.1E−1
0.85	1.4E+7	4.2E+6	3.9E+6	3.8E+6	3.8E+6	3.7E+6	3.6E+6	3.2E+6	2.7E+6	1.9E+6	6.9E+5	1.3E+5	4.1E+3	1.5E−1	5.5E−9
1.25	2.4E+11	4.7E+9	6.5E+6	2.4E+3	1.8E+0	1.0E−5	3.5E−12	2.4E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
1.75	2.1E+4	1.0E+4	3.1E+3	2.7E+2	2.0E−1	1.1E−6	1.7E−13	1.2E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	1.3E+6	2.5E+4	3.5E+1	6.6E−2	4.7E−5	2.7E−10	9.1E−21	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	4.0E+3	7.6E+1	1.1E−1	2.1E−7	2.0E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	1.1E−15	3.1E−16	2.8E−16	2.9E−16	2.6E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.6E+15	2.5E+15	2.2E+15	1.7E+15	1.0E+15	5.4E+14	2.4E+14	1.3E+14	8.6E+13	4.3E+13	1.4E+13	7.7E+12	6.8E+12	6.8E+12	5.9E+12
0.025	1.4E+14	1.7E+14	1.7E+14	1.5E+14	9.2E+13	4.1E+13	8.6E+12	3.6E+11	2.8E+11	2.8E+11	2.8E+11	2.9E+11	2.9E+11	2.7E+11	2.3E+11
0.0375	1.7E+13	1.9E+13	1.8E+13	1.5E+13	9.8E+12	5.5E+12	2.6E+12	1.5E+12	9.4E+11	4.2E+11	1.8E+11	3.0E+11	5.3E+11	7.3E+11	7.0E+11
0.0575	2.0E+15	2.6E+15	2.5E+15	2.2E+15	1.4E+15	6.1E+14	1.2E+14	1.8E+12	5.3E+11	2.9E+11	1.5E+11	1.5E+11	1.7E+11	1.6E+11	1.3E+11
0.085	3.4E+13	3.1E+13	2.9E+13	2.8E+13	2.6E+13	2.5E+13	2.2E+13	1.7E+13	1.1E+13	5.2E+12	1.8E+12	2.0E+12	2.4E+12	2.6E+12	2.3E+12
0.125	2.9E+13	2.4E+13	2.1E+13	1.9E+13	1.7E+13	1.6E+13	1.4E+13	1.1E+13	6.8E+12	2.8E+12	4.2E+11	3.0E+11	3.5E+11	3.9E+11	3.5E+11
0.225	2.2E+13	1.6E+13	1.3E+13	1.1E+13	1.1E+13	1.0E+13	9.4E+12	7.2E+12	4.6E+12	2.0E+12	6.2E+11	7.9E+11	1.1E+12	1.0E+12	8.3E+11
0.375	1.5E+12	1.5E+12	1.5E+12	1.6E+12	1.7E+12	1.8E+12	1.8E+12	1.6E+12	1.4E+12	1.2E+12	1.3E+12	1.6E+12	1.8E+12	1.8E+12	1.5E+12
0.575	6.7E+10	7.2E+10	6.5E+10	5.2E+10	3.4E+10	2.1E+10	1.6E+10	3.9E+10	9.2E+10	1.9E+11	4.6E+11	7.2E+11	8.9E+11	6.9E+11	4.4E+11
0.85	7.7E+10	6.5E+10	5.2E+10	3.6E+10	1.6E+10	8.1E+9	6.2E+9	1.2E+10	2.5E+10	5.0E+10	1.2E+11	1.8E+11	2.2E+11	1.7E+11	1.1E+11
1.25	3.4E+10	2.7E+10	2.1E+10	1.5E+10	6.4E+9	4.8E+9	7.8E+9	2.4E+10	5.8E+10	1.2E+11	2.9E+11	4.5E+11	5.5E+11	4.2E+11	2.6E+11
1.75	4.6E+9	2.7E+9	1.6E+9	9.8E+8	8.4E+8	1.5E+9	4.2E+9	1.8E+10	4.6E+10	1.0E+11	2.4E+11	3.7E+11	4.7E+11	3.7E+11	2.4E+11
2.25	1.3E+9	4.6E+8	1.1E+8	5.8E+7	1.1E+8	3.3E+8	1.2E+9	5.3E+9	1.4E+10	3.0E+10	7.2E+10	1.1E+11	1.4E+11	1.0E+11	6.4E+10
2.75	1.9E+10	1.4E+10	8.5E+9	3.3E+9	2.1E+8	3.1E+7	4.2E+7	1.1E+8	2.5E+8	5.3E+8	1.3E+9	1.9E+9	2.4E+9	1.8E+9	1.1E+9
3.5	6.9E+8	2.4E+8	5.8E+7	2.6E+7	2.4E+7	2.3E+7	2.4E+7	3.3E+7	5.6E+7	1.1E+8	2.4E+8	3.7E+8	4.5E+8	3.4E+8	2.1E+8
5	3.0E+8	1.0E+8	2.5E+7	1.1E+7	1.0E+7	9.4E+6	8.5E+6	6.6E+6	4.7E+6	3.0E+6	2.1E+6	1.9E+6	1.6E+6	9.7E+5	4.2E+5
7	3.4E+7	1.2E+7	2.8E+6	1.2E+6	1.1E+6	1.1E+6	9.8E+5	7.6E+5	5.4E+5	3.4E+5	2.5E+5	2.2E+5	1.9E+5	1.1E+5	4.8E+4
9.5	3.9E+6	1.3E+6	3.2E+5	1.4E+5	1.3E+5	1.2E+5	1.1E+5	8.7E+4	6.2E+4	4.0E+4	2.8E+4	2.6E+4	2.2E+4	1.3E+4	5.5E+3
	FP														
0.01	5.6E+15	2.7E+15	8.2E+14	7.6E+13	8.7E+11	8.0E+11	8.0E+11	8.0E+11	7.9E+11	7.8E+11	7.5E+11	7.0E+11	6.4E+11	5.1E+11	4.0E+11
0.025	1.1E+15	5.2E+14	1.6E+14	1.5E+13	5.6E+11	5.5E+11	5.5E+11	5.3E+11	5.2E+11	4.9E+11	4.0E+11	3.0E+11	1.7E+11	5.8E+10	4.0E+10
0.0375	7.4E+15	3.6E+15	1.1E+15	1.1E+14	1.4E+11	3.5E+10	3.5E+10	3.5E+10	3.4E+10	3.3E+10	3.0E+10	2.6E+10	2.0E+10	1.4E+10	1.2E+10
0.0575	1.1E+15	5.0E+14	1.5E+14	1.4E+13	1.6E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.3E+11	1.1E+11	7.6E+10	4.0E+10	6.3E+9	6.1E+8
0.085	6.9E+14	3.0E+14	9.0E+13	8.7E+12	5.9E+11	5.8E+11	5.8E+11	5.6E+11	5.5E+11	5.1E+11	4.1E+11	2.9E+11	1.5E+11	1.9E+10	7.2E+8
0.125	1.0E+15	2.5E+14	6.0E+13	5.3E+12	8.8E+9	4.8E+9	4.8E+9	4.7E+9	4.6E+9	4.3E+9	3.6E+9	2.7E+9	1.5E+9	3.5E+8	5.4E+7
0.225	6.6E+14	2.8E+14	8.0E+13	7.2E+12	3.1E+10	2.5E+10	2.4E+10	2.2E+10	2.1E+10	2.0E+10	1.6E+10	1.1E+10	5.8E+9	7.6E+8	3.4E+7
0.375	2.8E+14	1.2E+14	3.8E+13	4.6E+12	1.3E+12	1.3E+12	1.3E+12	1.3E+12	1.2E+12	1.2E+12	9.3E+11	6.6E+11	3.3E+11	4.1E+10	1.3E+9
0.575	1.0E+17	5.0E+16	1.6E+16	1.6E+15	4.5E+12	2.9E+12	2.9E+12	2.9E+12	2.8E+12	2.6E+12	2.1E+12	1.5E+12	7.4E+11	9.2E+10	2.9E+9

0.85	8.1E+14	8.4E+13	8.6E+12	8.1E+11	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.3E+11	1.0E+11	7.4E+10	3.7E+10	4.6E+9	1.4E+8
1.25	7.7E+14	7.6E+13	4.2E+12	3.0E+11	3.6E+10	3.6E+10	3.5E+10	3.5E+10	3.3E+10	3.1E+10	2.5E+10	1.8E+10	9.0E+9	1.1E+9	3.5E+7
1.75	2.4E+13	3.1E+12	3.7E+11	3.0E+10	2.2E+7	5.2E+5	5.1E+5	5.0E+5	4.9E+5	4.5E+5	3.7E+5	2.6E+5	1.3E+5	1.6E+4	5.1E+2
2.25	7.4E+8	2.7E+8	8.0E+7	7.2E+6	5.2E+3	3.6E-2	5.8E-3	5.8E-3	5.8E-3	5.8E-3	5.8E-3	5.8E-3	5.8E-3	5.8E-3	5.8E-3
2.75	2.3E+7	3.7E-2	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3	2.9E-3
3.5	3.4E+6	7.2E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3	2.1E-3
5	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4	6.4E-4
7	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5	4.1E-5
9.5	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6	2.6E-6
	All														
0.01	8.2E+15	5.2E+15	3.0E+15	1.8E+15	1.0E+15	5.4E+14	2.4E+14	1.3E+14	8.7E+13	4.4E+13	1.5E+13	8.4E+12	7.5E+12	7.4E+12	6.3E+12
0.025	1.2E+15	6.9E+14	3.3E+14	1.6E+14	9.3E+13	4.2E+13	9.1E+12	8.9E+11	8.0E+11	7.6E+11	6.8E+11	5.9E+11	4.6E+11	3.2E+11	2.7E+11
0.0375	7.5E+15	3.6E+15	1.1E+15	1.2E+14	9.9E+12	5.5E+12	2.6E+12	1.5E+12	9.7E+11	4.5E+11	2.1E+11	3.3E+11	5.5E+11	7.5E+11	7.1E+11
0.0575	3.1E+15	3.1E+15	2.7E+15	2.2E+15	1.4E+15	6.1E+14	1.2E+14	1.9E+12	6.7E+11	4.2E+11	2.6E+11	2.3E+11	2.1E+11	1.6E+11	1.3E+11
0.085	7.2E+14	3.3E+14	1.2E+14	3.6E+13	2.7E+13	2.5E+13	2.3E+13	1.8E+13	1.2E+13	5.7E+12	2.3E+12	2.3E+12	2.6E+12	2.6E+12	2.3E+12
0.125	1.0E+15	2.7E+14	8.0E+13	2.4E+13	1.7E+13	1.6E+13	1.4E+13	1.1E+13	6.8E+12	2.8E+12	4.2E+11	3.0E+11	3.5E+11	3.9E+11	3.5E+11
0.225	6.8E+14	2.9E+14	9.3E+13	1.9E+13	1.1E+13	1.0E+13	9.5E+12	7.2E+12	4.6E+12	2.0E+12	6.4E+11	8.1E+11	1.1E+12	1.0E+12	8.3E+11
0.375	2.8E+14	1.3E+14	3.9E+13	6.2E+12	3.0E+12	3.1E+12	3.1E+12	2.9E+12	2.6E+12	2.4E+12	2.2E+12	2.2E+12	2.1E+12	1.8E+12	1.5E+12
0.575	1.0E+17	5.0E+16	1.6E+16	1.6E+15	4.6E+12	3.0E+12	2.9E+12	2.9E+12	2.9E+12	2.8E+12	2.6E+12	2.2E+12	1.6E+12	7.8E+11	4.4E+11
0.85	8.1E+14	8.4E+13	8.6E+12	8.5E+11	1.7E+11	1.6E+11	1.5E+11	1.5E+11	1.6E+11	1.8E+11	2.2E+11	2.5E+11	2.6E+11	1.7E+11	1.1E+11
1.25	7.7E+14	7.6E+13	4.2E+12	3.2E+11	4.2E+10	4.0E+10	4.3E+10	5.9E+10	9.2E+10	1.6E+11	3.2E+11	4.7E+11	5.6E+11	4.3E+11	2.6E+11
1.75	2.4E+13	3.1E+12	3.7E+11	3.1E+10	8.6E+8	1.5E+9	4.2E+9	1.8E+10	4.6E+10	1.0E+11	2.4E+11	3.7E+11	4.7E+11	3.7E+11	2.4E+11
2.25	2.1E+9	7.3E+8	1.9E+8	6.5E+7	1.1E+8	3.3E+8	1.2E+9	5.3E+9	1.4E+10	3.0E+10	7.2E+10	1.1E+11	1.4E+11	1.0E+11	6.4E+10
2.75	1.9E+10	1.4E+10	8.5E+9	3.3E+9	2.1E+8	3.1E+7	4.2E+7	1.1E+8	2.5E+8	5.3E+8	1.3E+9	1.9E+9	2.4E+9	1.8E+9	1.1E+9
3.5	6.9E+8	2.4E+8	5.8E+7	2.6E+7	2.4E+7	2.3E+7	2.4E+7	3.3E+7	5.6E+7	1.1E+8	2.4E+8	3.7E+8	4.5E+8	3.4E+8	2.1E+8
5	3.0E+8	1.0E+8	2.5E+7	1.1E+7	1.0E+7	9.4E+6	8.5E+6	6.6E+6	4.7E+6	3.0E+6	2.1E+6	1.9E+6	1.6E+6	9.7E+5	4.2E+5
7	3.4E+7	1.2E+7	2.8E+6	1.2E+6	1.1E+6	1.1E+6	9.8E+5	7.6E+5	5.4E+5	3.4E+5	2.5E+5	2.2E+5	1.9E+5	1.1E+5	4.8E+4
9.5	3.9E+6	1.3E+6	3.2E+5	1.4E+5	1.3E+5	1.2E+5	1.1E+5	8.7E+4	6.2E+4	4.0E+4	2.8E+4	2.6E+4	2.2E+4	1.3E+4	5.5E+3
	Total photon/sec														
Activ.	4.8E+12	4.1E+10	3.5E+10	3.4E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.2E+10	3.1E+10	3.0E+10	2.6E+10	2.1E+10
Actin.	4.9E+15	5.4E+15	5.0E+15	4.1E+15	2.5E+15	1.2E+15	4.2E+14	1.7E+14	1.1E+14	5.6E+13	2.0E+13	1.5E+13	1.6E+13	1.6E+13	1.3E+13
FP	1.2E+17	5.9E+16	1.8E+16	1.8E+15	8.4E+12	6.6E+12	6.5E+12	6.4E+12	6.2E+12	5.8E+12	4.9E+12	3.6E+12	2.1E+12	7.5E+11	4.5E+11
All	1.3E+17	6.4E+16	2.3E+16	6.0E+15	2.5E+15	1.3E+15	4.3E+14	1.8E+14	1.2E+14	6.2E+13	2.5E+13	1.9E+13	1.8E+13	1.6E+13	1.3E+13
	Total MeV/sec														
Activ.	1.3E+12	6.7E+9	3.7E+8	3.5E+8	3.4E+8	3.4E+8	3.4E+8	3.4E+8	3.3E+8	3.3E+8	3.2E+8	3.2E+8	3.0E+8	2.6E+8	2.1E+8
Actin.	1.6E+14	1.9E+14	1.8E+14	1.6E+14	9.8E+13	4.9E+13	1.6E+13	6.6E+12	4.5E+12	2.7E+12	2.3E+12	3.1E+12	3.8E+12	3.2E+12	2.3E+12
FP	6.1E+16	3.0E+16	9.3E+15	9.3E+14	3.4E+12	2.4E+12	2.4E+12	2.4E+12	2.3E+12	2.1E+12	1.7E+12	1.2E+12	6.2E+11	8.3E+10	7.8E+9
All	6.1E+16	3.0E+16	9.5E+15	1.1E+15	1.0E+14	5.1E+13	1.9E+13	8.9E+12	6.8E+12	4.9E+12	4.1E+12	4.3E+12	4.4E+12	3.3E+12	2.3E+12

表 65　2 号機使用済燃料プール、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	1.5E+14	1.5E+14	1.5E+14	1.5E+14	1.5E+14	1.5E+14	1.5E+14	1.4E+14	1.1E+14	8.8E+13	6.4E+13	4.1E+13	1.6E+13	4.3E+12	4.1E+11
0.025	1.6E+15	1.6E+15	1.6E+15	1.6E+15	1.6E+15	1.6E+15	1.6E+15	1.5E+15	1.4E+15	1.2E+15	9.7E+14	6.7E+14	2.8E+14	7.8E+13	6.3E+12
0.0375	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.3E+14	2.1E+14	1.9E+14	1.5E+14	6.9E+13	2.0E+13	1.6E+12
0.0575	3.9E+12	3.9E+12	3.9E+12	3.9E+12	3.9E+12	3.8E+12	3.6E+12	3.2E+12	2.2E+12	1.4E+12	8.4E+11	4.8E+11	1.7E+11	4.6E+10	3.9E+9
0.085	1.4E+12	1.4E+12	1.4E+12	1.4E+12	1.4E+12	1.3E+12	1.3E+12	1.1E+12	7.0E+11	4.2E+11	2.4E+11	1.6E+11	7.3E+10	2.1E+10	1.8E+9
0.125	5.6E+12	5.6E+12	5.6E+12	5.6E+12	5.6E+12	5.5E+12	5.5E+12	5.3E+12	5.0E+12	4.5E+12	3.9E+12	3.0E+12	1.4E+12	4.1E+11	3.3E+10
0.225	8.7E+13	8.7E+13	8.7E+13	8.7E+13	8.7E+13	8.7E+13	8.5E+13	8.2E+13	7.4E+13	6.7E+13	5.7E+13	4.4E+13	2.1E+13	5.8E+12	4.7E+11
0.375	4.3E+14	4.3E+14	4.3E+14	4.3E+14	4.3E+14	4.3E+14	4.3E+14	4.3E+14	4.1E+14	3.8E+14	3.4E+14	2.6E+14	1.2E+14	3.5E+13	2.8E+12
0.575	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.6E+14	5.5E+14	5.3E+14	4.9E+14	4.3E+14	3.4E+14	1.6E+14	4.5E+13	3.7E+12
0.85	7.1E+15	7.1E+15	7.1E+15	7.0E+15	7.0E+15	6.9E+15	6.4E+15	5.2E+15	2.8E+15	1.1E+15	1.6E+14	9.3E+12	5.7E+11	1.0E+10	4.7E+7
1.25	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.1E+13	1.1E+13	1.0E+13	8.8E+12	5.9E+12	3.1E+12	8.3E+11
1.75	7.1E+11	7.1E+11	7.1E+11	7.1E+11	7.1E+11	6.9E+11	6.4E+11	5.1E+11	2.6E+11	9.2E+10	1.1E+10	2.0E+8	6.7E+5	8.6E+4	6.5E+4
2.25	7.6E+10	7.6E+10	7.6E+10	7.5E+10	7.5E+10	7.3E+10	6.8E+10	5.4E+10	2.7E+10	9.6E+9	1.2E+9	6.4E+7	3.2E+7	1.6E+7	4.4E+6
2.75	5.6E+7	5.5E+7	5.5E+7	5.5E+7	5.5E+7	5.4E+7	4.9E+7	3.9E+7	2.0E+7	7.1E+6	9.9E+5	1.6E+5	9.8E+4	5.1E+4	1.4E+4
3.5	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	6.2E−14	5.3E−14
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.2E+16	1.1E+16	1.0E+16	8.8E+15	7.4E+15	6.5E+15	6.5E+15	6.7E+15	6.8E+15
0.025	1.0E+14	1.0E+14	1.0E+14	1.0E+14	1.0E+14	1.0E+14	1.0E+14	1.0E+14	1.1E+14	1.1E+14	1.2E+14	1.4E+14	1.9E+14	2.6E+14	3.5E+14
0.0375	4.1E+13	4.1E+13	4.1E+13	4.1E+13	4.1E+13	4.0E+13	4.0E+13	3.9E+13	3.7E+13	3.4E+13	3.2E+13	3.1E+13	3.4E+13	3.8E+13	4.5E+13
0.0575	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.5E+15	1.6E+15	1.8E+15	2.0E+15	2.8E+15	3.8E+15	5.2E+15
0.085	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.0E+14
0.125	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.6E+13	9.5E+13	9.5E+13	9.5E+13	9.4E+13	9.3E+13	9.1E+13	8.8E+13	8.2E+13
0.225	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.5E+13	7.4E+13	7.3E+13	7.0E+13	6.6E+13	6.0E+13
0.375	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12	4.5E+12
0.575	1.7E+11	1.7E+11	1.7E+11	1.7E+11	1.7E+11	1.7E+11	1.7E+11	1.6E+11	1.4E+11	1.3E+11	1.1E+11	1.0E+11	1.3E+11	1.5E+11	1.8E+11
0.85	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.1E+11	2.0E+11	2.0E+11	1.9E+11	1.9E+11	1.9E+11	1.8E+11
1.25	9.8E+10	9.8E+10	9.8E+10	9.8E+10	9.8E+10	9.8E+10	9.8E+10	9.8E+10	9.6E+10	9.5E+10	9.3E+10	9.0E+10	8.6E+10	8.0E+10	7.0E+10
1.75	2.3E+10	2.3E+10	2.3E+10	2.3E+10	2.3E+10	2.3E+10	2.3E+10	2.3E+10	2.2E+10	2.2E+10	2.1E+10	2.1E+10	2.0E+10	1.8E+10	1.5E+10
2.25	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.1E+10	1.0E+10	9.4E+9	8.4E+9	6.9E+9	4.8E+9
2.75	3.2E+10	3.2E+10	3.2E+10	3.2E+10	3.3E+10	3.2E+10	3.2E+10	3.2E+10	3.3E+10	3.4E+10	3.6E+10	4.0E+10	5.0E+10	5.7E+10	5.6E+10
3.5	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.9E+9	5.8E+9	5.7E+9	5.5E+9	5.2E+9	4.9E+9	4.4E+9	3.6E+9	2.5E+9
5	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.4E+9	2.3E+9	2.2E+9	2.1E+9	1.9E+9	1.5E+9	1.1E+9
7	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.8E+8	2.7E+8	2.6E+8	2.4E+8	2.2E+8	1.8E+8	1.2E+8

9.5	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.3E+7	3.3E+7	3.2E+7	3.1E+7	3.0E+7	2.8E+7	2.5E+7	2.0E+7	1.4E+7
	FP														
0.01	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	9.7E+16	8.7E+16	7.6E+16	5.9E+16	4.1E+16	2.5E+16	2.0E+16	1.5E+16
0.025	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.4E+16	3.3E+16	3.2E+16	2.8E+16	2.5E+16	2.0E+16	1.5E+16	7.8E+15	4.6E+15	3.0E+15
0.0375	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.0E+17	9.4E+16	8.3E+16	6.7E+16	4.9E+16	3.4E+16	2.7E+16	2.0E+16
0.0575	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.2E+16	2.1E+16	1.9E+16	1.7E+16	1.3E+16	8.9E+15	5.3E+15	4.1E+15	2.9E+15
0.085	2.8E+16	2.8E+16	2.8E+16	2.8E+16	2.8E+16	2.7E+16	2.7E+16	2.6E+16	2.3E+16	2.0E+16	1.5E+16	9.3E+15	4.6E+15	3.0E+15	1.9E+15
0.125	8.3E+16	8.3E+16	8.3E+16	8.3E+16	8.3E+16	8.2E+16	8.0E+16	7.5E+16	6.4E+16	5.2E+16	3.7E+16	2.1E+16	8.7E+15	5.4E+15	2.8E+15
0.225	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.5E+16	1.5E+16	1.5E+16	1.3E+16	1.1E+16	9.0E+15	6.3E+15	3.6E+15	2.6E+15	1.8E+15
0.375	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.2E+16	1.1E+16	1.0E+16	8.1E+15	5.7E+15	2.7E+15	1.4E+15	7.6E+14
0.575	9.8E+17	9.8E+17	9.8E+17	9.8E+17	9.7E+17	9.7E+17	9.7E+17	9.5E+17	9.0E+17	8.5E+17	7.6E+17	6.4E+17	4.7E+17	3.6E+17	2.8E+17
0.85	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.1E+17	4.9E+17	4.5E+17	3.5E+17	2.7E+17	2.0E+17	1.4E+17	5.4E+16	1.3E+16	2.3E+15
1.25	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.7E+16	3.5E+16	3.2E+16	2.7E+16	2.0E+16	1.0E+16	5.3E+15	2.2E+15
1.75	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	1.9E+15	1.7E+15	1.4E+15	1.1E+15	6.4E+14	2.6E+14	1.5E+14	6.9E+13
2.25	4.2E+15	4.2E+15	4.2E+15	4.2E+15	4.2E+15	4.1E+15	4.1E+15	3.9E+15	3.4E+15	2.7E+15	1.8E+15	7.4E+14	5.9E+13	1.0E+12	2.2E+9
2.75	6.7E+13	6.7E+13	6.7E+13	6.7E+13	6.7E+13	6.6E+13	6.5E+13	6.2E+13	5.5E+13	4.6E+13	3.3E+13	1.7E+13	2.2E+12	7.2E+10	8.2E+7
3.5	9.4E+12	9.4E+12	9.4E+12	9.4E+12	9.4E+12	9.3E+12	9.2E+12	8.9E+12	7.9E+12	6.7E+12	4.8E+12	2.4E+12	3.2E+11	1.1E+10	1.2E+7
5	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.1E-3	1.2E-3	1.2E-3	1.3E-3	1.4E-3	1.4E-3
7	7.1E-5	7.1E-5	7.1E-5	7.1E-5	7.1E-5	7.1E-5	7.1E-5	7.2E-5	7.2E-5	7.4E-5	7.6E-5	8.0E-5	8.7E-5	9.1E-5	9.3E-5
9.5	4.5E-6	4.5E-6	4.5E-6	4.5E-6	4.5E-6	4.5E-6	4.5E-6	4.5E-6	4.6E-6	4.7E-6	4.8E-6	5.1E-6	5.5E-6	5.8E-6	5.9E-6
	All														
0.01	1.2E+17	1.2E+17	1.2E+17	1.2E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	9.8E+16	8.5E+16	6.7E+16	4.7E+16	3.1E+16	2.7E+16	2.2E+16
0.025	3.6E+16	3.6E+16	3.6E+16	3.6E+16	3.6E+16	3.5E+16	3.5E+16	3.3E+16	3.0E+16	2.6E+16	2.1E+16	1.5E+16	8.3E+15	5.0E+15	3.3E+15
0.0375	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.0E+17	9.4E+16	8.3E+16	6.7E+16	4.9E+16	3.4E+16	2.7E+16	2.0E+16
0.0575	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.3E+16	2.1E+16	1.8E+16	1.5E+16	1.1E+16	8.1E+15	7.9E+15	8.1E+15
0.085	2.8E+16	2.8E+16	2.8E+16	2.8E+16	2.8E+16	2.8E+16	2.7E+16	2.6E+16	2.3E+16	2.0E+16	1.5E+16	9.4E+15	4.7E+15	3.1E+15	2.0E+15
0.125	8.4E+16	8.4E+16	8.4E+16	8.3E+16	8.3E+16	8.3E+16	8.0E+16	7.5E+16	6.4E+16	5.2E+16	3.7E+16	2.1E+16	8.8E+15	5.5E+15	2.9E+15
0.225	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.5E+16	1.5E+16	1.3E+16	1.2E+16	9.2E+15	6.4E+15	3.7E+15	2.7E+15	1.8E+15
0.375	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.3E+16	1.3E+16	1.3E+16	1.2E+16	1.0E+16	8.5E+15	5.9E+15	2.8E+15	1.4E+15	7.6E+14
0.575	9.8E+17	9.8E+17	9.8E+17	9.8E+17	9.8E+17	9.7E+17	9.7E+17	9.5E+17	9.0E+17	8.5E+17	7.6E+17	6.5E+17	4.7E+17	3.6E+17	2.8E+17
0.85	5.3E+17	5.3E+17	5.3E+17	5.2E+17	5.2E+17	5.2E+17	5.0E+17	4.5E+17	3.5E+17	2.7E+17	2.0E+17	1.4E+17	5.4E+16	1.3E+16	2.3E+15
1.25	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.7E+16	3.5E+16	3.2E+16	2.7E+16	2.0E+16	1.1E+16	5.3E+15	2.2E+15
1.75	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	2.0E+15	1.9E+15	1.7E+15	1.4E+15	1.1E+15	6.4E+14	2.6E+14	1.5E+14	6.9E+13
2.25	4.2E+15	4.2E+15	4.2E+15	4.2E+15	4.2E+15	4.1E+15	4.1E+15	3.9E+15	3.4E+15	2.7E+15	1.8E+15	7.4E+14	5.9E+13	1.0E+12	6.9E+9
2.75	6.7E+13	6.7E+13	6.7E+13	6.7E+13	6.7E+13	6.6E+13	6.5E+13	6.2E+13	5.5E+13	4.6E+13	3.3E+13	1.7E+13	2.2E+12	1.3E+11	5.6E+10
3.5	9.4E+12	9.4E+12	9.4E+12	9.4E+12	9.4E+12	9.3E+12	9.2E+12	8.9E+12	7.9E+12	6.7E+12	4.8E+12	2.4E+12	3.2E+11	1.4E+10	2.5E+9
5	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.5E+9	2.4E+9	2.3E+9	2.2E+9	2.1E+9	1.9E+9	1.5E+9	1.1E+9
7	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.9E+8	2.8E+8	2.7E+8	2.6E+8	2.4E+8	2.2E+8	1.8E+8	1.2E+8
9.5	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.3E+7	3.3E+7	3.2E+7	3.1E+7	3.0E+7	2.8E+7	2.5E+7	2.0E+7	1.4E+7
	Total photon/sec														
Activ.	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	1.0E+16	9.5E+15	8.2E+15	5.6E+15	3.6E+15	2.2E+15	1.5E+15	6.7E+14	1.9E+14	1.6E+13

Actin.	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.3E+16	1.3E+16	1.2E+16	1.1E+16	9.6E+15	9.0E+15	9.7E+15	1.1E+16	1.3E+16
FP	1.9E+18	1.9E+18	1.9E+18	1.9E+18	1.9E+18	1.9E+18	1.9E+18	1.8E+18	1.6E+18	1.4E+18	1.2E+18	9.6E+17	6.2E+17	4.5E+17	3.3E+17
All	2.0E+18	2.0E+18	2.0E+18	2.0E+18	2.0E+18	2.0E+18	1.9E+18	1.8E+18	1.6E+18	1.5E+18	1.2E+18	9.7E+17	6.3E+17	4.6E+17	3.4E+17
	Total MeV/sec														
Activ.	6.6E+15	6.6E+15	6.6E+15	6.6E+15	6.5E+15	6.4E+15	6.0E+15	5.0E+15	2.9E+15	1.4E+15	5.7E+14	3.4E+14	1.6E+14	4.7E+13	4.5E+12
Actin.	2.5E+14	2.5E+14	2.5E+14	2.5E+14	2.5E+14	2.5E+14	2.4E+14	2.4E+14	2.3E+14	2.3E+14	2.2E+14	2.3E+14	2.7E+14	3.3E+14	4.1E+14
FP	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.0E+18	8.9E+17	7.8E+17	6.6E+17	5.3E+17	3.3E+17	2.3E+17	1.7E+17
All	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.1E+18	1.0E+18	8.9E+17	7.9E+17	6.7E+17	5.3E+17	3.3E+17	2.3E+17	1.7E+17

表 66　2 号機使用済燃料プール、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	4.1E+11	8.7E+10	9.1E+10	8.9E+10	8.7E+10	8.6E+10	8.6E+10	8.6E+10	8.6E+10	8.5E+10	8.4E+10	8.2E+10	7.8E+10	6.8E+10	5.4E+10
0.025	6.3E+12	3.9E+9	4.3E+8	2.7E+8	1.4E+8	1.2E+8	1.1E+8	7.9E+7	4.9E+7	2.3E+7	1.3E+7	1.2E+7	1.1E+7	1.0E+7	8.0E+6
0.0375	1.6E+12	1.0E+9	1.2E+8	8.6E+7	5.9E+7	5.3E+7	4.7E+7	3.4E+7	1.9E+7	7.4E+6	2.4E+6	2.2E+6	2.1E+6	1.9E+6	1.5E+6
0.0575	3.9E+9	7.0E+7	5.3E+7	4.6E+7	4.2E+7	3.9E+7	3.5E+7	2.4E+7	1.3E+7	4.1E+6	2.8E+5	1.7E+5	1.6E+5	1.4E+5	1.1E+5
0.085	1.8E+9	1.7E+7	9.2E+6	7.1E+6	6.6E+6	6.2E+6	5.5E+6	3.8E+6	2.1E+6	6.3E+5	2.1E+4	4.3E+3	3.9E+3	3.2E+3	2.4E+3
0.125	3.3E+10	2.4E+7	2.0E+6	6.5E+5	5.0E+5	4.7E+5	4.2E+5	2.9E+5	1.6E+5	5.0E+4	3.7E+3	2.2E+3	2.0E+3	1.7E+3	1.3E+3
0.225	4.7E+11	2.6E+8	2.1E+6	1.9E+5	2.8E+3	2.7E+3	2.6E+3	2.5E+3	2.4E+3	2.2E+3	1.8E+3	1.7E+3	1.5E+3	1.3E+3	1.1E+3
0.375	2.8E+12	1.5E+9	1.0E+6	9.0E+4	3.1E+2	2.4E+2	2.4E+2	2.3E+2	2.2E+2	2.1E+2	1.9E+2	1.8E+2	1.7E+2	1.5E+2	1.2E+2
0.575	3.7E+12	1.9E+9	5.9E+5	5.2E+4	3.9E+1	1.9E+0	1.9E+0	1.9E+0	1.9E+0	1.9E+0	1.8E+0	1.8E+0	1.7E+0	1.5E+0	1.2E+0
0.85	4.7E+7	1.3E+7	1.2E+7	1.2E+7	1.2E+7	1.1E+7	1.1E+7	1.0E+7	8.4E+6	6.0E+6	2.2E+6	3.9E+5	1.3E+4	4.5E−1	1.7E−8
1.25	8.3E+11	1.6E+10	2.2E+7	7.5E+3	5.4E+0	3.1E−5	1.1E−11	7.8E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
1.75	6.5E+4	3.2E+4	9.5E+3	8.5E+2	6.1E−1	3.5E−6	5.4E−13	3.8E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	4.4E+6	8.5E+4	1.2E+2	2.0E−1	1.5E−4	8.5E−10	2.8E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	1.4E+4	2.6E+2	3.7E−1	7.1E−7	1.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	5.3E−14	2.5E−14	9.5E−15	2.6E−15	1.5E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	6.8E+15	6.6E+15	5.7E+15	4.4E+15	2.6E+15	1.4E+15	6.1E+14	3.3E+14	2.2E+14	1.1E+14	3.3E+13	1.9E+13	1.7E+13	1.7E+13	1.5E+13
0.025	3.5E+14	4.6E+14	4.5E+14	3.9E+14	2.4E+14	1.1E+14	2.2E+13	9.5E+11	7.4E+11	7.1E+11	7.1E+11	7.2E+11	7.3E+11	6.7E+11	5.7E+11
0.0375	4.5E+13	5.0E+13	4.8E+13	4.1E+13	2.7E+13	1.6E+13	8.1E+12	4.8E+12	3.0E+12	1.3E+12	4.8E+11	7.9E+11	1.4E+12	1.9E+12	1.8E+12
0.0575	5.2E+15	6.7E+15	6.7E+15	5.7E+15	3.5E+15	1.6E+15	3.2E+14	4.9E+12	1.5E+12	8.0E+11	3.5E+11	3.6E+11	4.1E+11	3.6E+11	2.8E+11
0.085	1.0E+14	9.7E+13	9.2E+13	8.9E+13	8.4E+13	8.0E+13	7.3E+13	5.5E+13	3.6E+13	1.6E+13	4.9E+12	5.0E+12	6.2E+12	6.7E+12	5.9E+12
0.125	8.2E+13	7.1E+13	6.4E+13	5.9E+13	5.5E+13	5.1E+13	4.6E+13	3.5E+13	2.2E+13	9.0E+12	1.2E+12	7.6E+11	9.0E+11	1.0E+12	9.0E+11
0.225	6.0E+13	4.8E+13	4.0E+13	3.7E+13	3.6E+13	3.4E+13	3.1E+13	2.3E+13	1.5E+13	6.2E+12	1.6E+12	1.9E+12	2.6E+12	2.5E+12	1.9E+12

0.375	4.5E+12	4.5E+12	4.6E+12	4.8E+12	5.1E+12	5.3E+12	5.2E+12	4.6E+12	3.9E+12	3.2E+12	3.3E+12	4.0E+12	4.6E+12	4.5E+12	3.7E+12
0.575	1.8E+11	1.9E+11	1.7E+11	1.4E+11	8.9E+10	5.5E+10	4.3E+10	1.0E+11	2.3E+11	4.9E+11	1.2E+12	1.8E+12	2.2E+12	1.6E+12	9.5E+11
0.85	1.8E+11	1.5E+11	1.1E+11	7.8E+10	3.6E+10	1.9E+10	1.4E+10	2.8E+10	6.1E+10	1.2E+11	2.9E+11	4.4E+11	5.3E+11	4.0E+11	2.3E+11
1.25	7.0E+10	5.3E+10	4.0E+10	2.7E+10	1.3E+10	1.0E+10	1.8E+10	6.0E+10	1.4E+11	3.1E+11	7.3E+11	1.1E+12	1.4E+12	1.0E+12	5.7E+11
1.75	1.5E+10	7.9E+9	4.2E+9	2.3E+9	1.9E+9	3.6E+9	1.0E+10	4.4E+10	1.1E+11	2.5E+11	6.0E+11	9.3E+11	1.2E+12	8.8E+11	5.3E+11
2.25	4.8E+9	1.6E+9	3.8E+8	1.7E+8	2.9E+8	8.4E+8	2.9E+9	1.3E+10	3.4E+10	7.5E+10	1.8E+11	2.8E+11	3.4E+11	2.4E+11	1.4E+11
2.75	5.6E+10	4.1E+10	2.5E+10	9.5E+9	6.1E+8	9.3E+7	1.2E+8	2.8E+8	6.3E+8	1.3E+9	3.1E+9	4.8E+9	5.8E+9	4.2E+9	2.4E+9
3.5	2.5E+9	8.5E+8	1.9E+8	8.0E+7	7.3E+7	7.0E+7	7.0E+7	9.0E+7	1.4E+8	2.7E+8	6.0E+8	9.2E+8	1.1E+9	8.0E+8	4.5E+8
5	1.1E+9	3.6E+8	8.3E+7	3.4E+7	3.1E+7	2.9E+7	2.6E+7	2.0E+7	1.4E+7	8.9E+6	6.5E+6	5.9E+6	4.9E+6	2.9E+6	1.2E+6
7	1.2E+8	4.2E+7	9.4E+6	3.8E+6	3.5E+6	3.3E+6	3.0E+6	2.3E+6	1.6E+6	1.0E+6	7.5E+5	6.7E+5	5.7E+5	3.3E+5	1.4E+5
9.5	1.4E+7	4.8E+6	1.1E+6	4.4E+5	4.0E+5	3.8E+5	3.4E+5	2.6E+5	1.8E+5	1.2E+5	8.6E+4	7.8E+4	6.5E+4	3.8E+4	1.6E+4
	FP														
0.01	1.5E+16	7.3E+15	2.2E+15	2.0E+14	2.2E+12	2.0E+12	2.0E+12	2.0E+12	2.0E+12	1.9E+12	1.9E+12	1.8E+12	1.6E+12	1.3E+12	9.9E+11
0.025	3.0E+15	1.4E+15	4.2E+14	4.0E+13	1.5E+12	1.4E+12	1.4E+12	1.4E+12	1.4E+12	1.3E+12	1.1E+12	7.8E+11	4.5E+11	1.5E+11	1.0E+11
0.0375	2.0E+16	9.7E+15	3.0E+15	3.0E+14	3.8E+11	9.1E+10	9.1E+10	9.0E+10	8.8E+10	8.5E+10	7.7E+10	6.6E+10	5.1E+10	3.5E+10	3.0E+10
0.0575	2.9E+15	1.3E+15	4.0E+14	3.7E+13	4.2E+11	3.9E+11	3.9E+11	3.8E+11	3.6E+11	3.4E+11	2.8E+11	2.0E+11	1.0E+11	1.6E+10	1.5E+9
0.085	1.9E+15	8.1E+14	2.4E+14	2.3E+13	1.6E+12	1.5E+12	1.5E+12	1.5E+12	1.4E+12	1.3E+12	1.1E+12	7.7E+11	3.9E+11	5.0E+10	1.9E+9
0.125	2.8E+15	6.7E+14	1.6E+14	1.4E+13	2.3E+10	1.3E+10	1.2E+10	1.2E+10	1.2E+10	1.1E+10	9.3E+9	7.0E+9	4.0E+9	8.9E+8	1.3E+8
0.225	1.8E+15	7.4E+14	2.1E+14	1.9E+13	8.5E+10	6.8E+10	6.4E+10	5.9E+10	5.6E+10	5.2E+10	4.3E+10	3.0E+10	1.5E+10	2.0E+9	8.7E+7
0.375	7.6E+14	3.3E+14	1.0E+14	1.2E+13	3.5E+12	3.5E+12	3.4E+12	3.4E+12	3.2E+12	3.0E+12	2.5E+12	1.7E+12	8.7E+11	1.1E+11	3.4E+9
0.575	2.8E+17	1.4E+17	4.4E+16	4.4E+15	1.2E+13	7.7E+12	7.7E+12	7.5E+12	7.3E+12	6.8E+12	5.5E+12	3.9E+12	1.9E+12	2.4E+11	7.6E+9
0.85	2.3E+15	2.3E+14	2.3E+13	2.2E+12	4.0E+11	4.0E+11	3.9E+11	3.8E+11	3.6E+11	3.4E+11	2.7E+11	1.9E+11	9.7E+10	1.2E+10	3.8E+8
1.25	2.2E+15	2.1E+14	1.1E+13	8.1E+11	9.5E+10	9.4E+10	9.3E+10	9.1E+10	8.8E+10	8.2E+10	6.7E+10	4.7E+10	2.4E+10	2.9E+9	9.2E+7
1.75	6.9E+13	8.6E+12	1.0E+12	8.1E+10	6.0E+7	1.4E+6	1.4E+6	1.3E+6	1.3E+6	1.2E+6	9.7E+5	6.9E+5	3.4E+5	4.3E+4	1.3E+3
2.25	2.2E+9	7.2E+8	2.2E+8	1.9E+7	1.4E+4	9.4E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2	1.3E-2
2.75	8.2E+7	1.3E-1	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3	6.5E-3
3.5	1.2E+7	2.3E-2	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3	4.8E-3
5	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3	1.4E-3
7	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5	9.3E-5
9.5	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6	5.9E-6
	All														
0.01	2.2E+16	1.4E+16	7.9E+15	4.6E+15	2.6E+15	1.4E+15	6.1E+14	3.3E+14	2.2E+14	1.1E+14	3.5E+13	2.1E+13	1.9E+13	1.9E+13	1.6E+13
0.025	3.3E+15	1.9E+15	8.7E+14	4.3E+14	2.4E+14	1.1E+14	2.4E+13	2.4E+12	2.1E+12	2.0E+12	1.8E+12	1.5E+12	1.2E+12	8.2E+11	6.7E+11
0.0375	2.0E+16	9.8E+15	3.1E+15	3.4E+14	2.7E+13	1.6E+13	8.1E+12	4.9E+12	3.1E+12	1.4E+12	5.6E+11	8.5E+11	1.4E+12	2.0E+12	1.9E+12
0.0575	8.1E+15	8.0E+15	7.1E+15	5.7E+15	3.5E+15	1.6E+15	3.2E+14	5.3E+12	1.9E+12	1.1E+12	6.3E+11	5.6E+11	5.2E+11	3.8E+11	2.8E+11
0.085	2.0E+15	9.0E+14	3.3E+14	1.1E+14	8.6E+13	8.1E+13	7.4E+13	5.7E+13	3.7E+13	1.8E+13	6.0E+12	5.8E+12	6.6E+12	6.7E+12	5.9E+12
0.125	2.9E+15	7.4E+14	2.2E+14	7.4E+13	5.5E+13	5.1E+13	4.6E+13	3.5E+13	2.2E+13	9.0E+12	1.2E+12	7.7E+11	9.1E+11	1.0E+12	9.0E+11
0.225	1.8E+15	7.9E+14	2.5E+14	5.6E+13	3.6E+13	3.4E+13	3.1E+13	2.3E+13	1.5E+13	6.3E+12	1.6E+12	2.0E+12	2.6E+12	2.5E+12	1.9E+12
0.375	7.6E+14	3.4E+14	1.1E+14	1.7E+13	8.5E+12	8.7E+12	8.6E+12	7.9E+12	7.1E+12	6.3E+12	5.8E+12	5.7E+12	5.5E+12	4.6E+12	3.7E+12
0.575	2.8E+17	1.4E+17	4.4E+16	4.4E+15	1.2E+13	7.8E+12	7.7E+12	7.6E+12	7.5E+12	7.3E+12	6.7E+12	5.7E+12	4.1E+12	1.9E+12	9.5E+11
0.85	2.3E+15	2.3E+14	2.3E+13	2.3E+12	4.4E+11	4.2E+11	4.0E+11	4.1E+11	4.2E+11	4.6E+11	5.6E+11	6.3E+11	6.3E+11	4.1E+11	2.3E+11

1.25	2.2E+15	2.1E+14	1.1E+13	8.4E+11	1.1E+11	1.0E+11	1.1E+11	1.5E+11	2.3E+11	3.9E+11	8.0E+11	1.2E+12	1.4E+12	1.0E+12	5.7E+11
1.75	6.9E+13	8.6E+12	1.0E+12	8.3E+10	1.9E+9	3.6E+9	1.0E+10	4.4E+10	1.1E+11	2.5E+11	6.0E+11	9.3E+11	1.2E+12	8.8E+11	5.3E+11
2.25	6.9E+9	2.4E+9	6.0E+8	1.9E+8	2.9E+8	8.4E+8	2.9E+9	1.3E+10	3.4E+10	7.5E+10	1.8E+11	2.8E+11	3.4E+11	2.4E+11	1.4E+11
2.75	5.6E+10	4.1E+10	2.5E+10	9.5E+9	6.1E+8	9.3E+7	1.2E+8	2.8E+8	6.3E+8	1.3E+9	3.1E+9	4.8E+9	5.8E+9	4.2E+9	2.4E+9
3.5	2.5E+9	8.5E+8	1.9E+8	8.0E+7	7.3E+7	7.0E+7	7.0E+7	9.0E+7	1.4E+8	2.7E+8	6.0E+8	9.2E+8	1.1E+9	8.0E+8	4.5E+8
5	1.1E+9	3.6E+8	8.3E+7	3.4E+7	3.1E+7	2.9E+7	2.6E+7	2.0E+7	1.4E+7	8.9E+6	6.5E+6	5.9E+6	4.9E+6	2.9E+6	1.2E+6
7	1.2E+8	4.2E+7	9.4E+6	3.8E+6	3.5E+6	3.3E+6	3.0E+6	2.3E+6	1.6E+6	1.0E+6	7.5E+5	6.7E+5	5.7E+5	3.3E+5	1.4E+5
9.5	1.4E+7	4.8E+6	1.1E+6	4.4E+5	4.0E+5	3.8E+5	3.4E+5	2.6E+5	1.8E+5	1.2E+5	8.6E+4	7.8E+4	6.5E+4	3.8E+4	1.6E+4
	Total photon/sec														
Activ.	1.6E+13	1.1E+11	9.1E+10	8.9E+10	8.7E+10	8.7E+10	8.7E+10	8.6E+10	8.6E+10	8.5E+10	8.4E+10	8.2E+10	7.8E+10	6.8E+10	5.4E+10
Actin.	1.3E+16	1.4E+16	1.3E+16	1.1E+16	6.6E+15	3.3E+15	1.1E+15	4.6E+14	3.0E+14	1.5E+14	4.8E+13	3.7E+13	4.0E+13	3.9E+13	3.2E+13
FP	3.3E+17	1.6E+17	5.0E+16	5.0E+15	2.2E+13	1.7E+13	1.7E+13	1.7E+13	1.6E+13	1.5E+13	1.3E+13	9.5E+12	5.5E+12	1.9E+12	1.1E+12
All	3.4E+17	1.8E+17	6.4E+16	1.6E+16	6.6E+15	3.3E+15	1.1E+15	4.7E+14	3.2E+14	1.6E+14	6.1E+13	4.7E+13	4.5E+13	4.1E+13	3.4E+13
	Total MeV/sec														
Activ.	4.5E+12	2.3E+10	9.7E+8	9.1E+8	8.9E+8	8.8E+8	8.8E+8	8.7E+8	8.7E+8	8.6E+8	8.4E+8	8.2E+8	7.8E+8	6.8E+8	5.4E+8
Actin.	4.1E+14	4.9E+14	4.8E+14	4.1E+14	2.6E+14	1.3E+14	4.6E+13	2.0E+13	1.4E+13	7.7E+12	5.9E+12	7.8E+12	9.4E+12	7.8E+12	5.4E+12
FP	1.7E+17	8.1E+16	2.5E+16	2.5E+15	9.0E+12	6.4E+12	6.4E+12	6.2E+12	6.0E+12	5.6E+12	4.6E+12	3.2E+12	1.6E+12	2.2E+11	2.0E+10
All	1.7E+17	8.1E+16	2.6E+16	2.9E+15	2.7E+14	1.4E+14	5.3E+13	2.6E+13	2.0E+13	1.3E+13	1.0E+13	1.1E+13	1.1E+13	8.0E+12	5.4E+12

表 67　3 号機使用済燃料プール、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	1.4E+14	1.4E+14	1.4E+14	1.4E+14	1.4E+14	1.4E+14	1.4E+14	1.3E+14	1.1E+14	9.0E+13	6.6E+13	4.2E+13	1.6E+13	4.3E+12	4.1E+11
0.025	1.7E+15	1.7E+15	1.7E+15	1.7E+15	1.7E+15	1.7E+15	1.6E+15	1.6E+15	1.4E+15	1.3E+15	1.0E+15	6.8E+14	2.8E+14	7.9E+13	6.4E+12
0.0375	2.5E+14	2.5E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.4E+14	2.3E+14	2.2E+14	1.9E+14	1.5E+14	6.9E+13	2.0E+13	1.6E+12
0.0575	3.2E+12	3.2E+12	3.2E+12	3.2E+12	3.2E+12	3.2E+12	3.0E+12	2.7E+12	2.0E+12	1.4E+12	8.7E+11	5.0E+11	1.7E+11	4.6E+10	3.9E+9
0.085	1.0E+12	1.0E+12	1.0E+12	1.0E+12	1.0E+12	1.0E+12	9.7E+11	8.5E+11	5.8E+11	3.8E+11	2.4E+11	1.6E+11	7.4E+10	2.1E+10	1.8E+9
0.125	5.5E+12	5.5E+12	5.5E+12	5.5E+12	5.5E+12	5.4E+12	5.4E+12	5.3E+12	4.9E+12	4.6E+12	4.0E+12	3.1E+12	1.4E+12	4.1E+11	3.3E+10
0.225	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.3E+13	8.0E+13	7.4E+13	6.7E+13	5.7E+13	4.4E+13	2.1E+13	5.9E+12	4.8E+11
0.375	4.4E+14	4.4E+14	4.4E+14	4.4E+14	4.4E+14	4.4E+14	4.4E+14	4.3E+14	4.1E+14	3.9E+14	3.4E+14	2.7E+14	1.2E+14	3.6E+13	2.9E+12
0.575	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.6E+14	5.5E+14	5.3E+14	5.0E+14	4.4E+14	3.4E+14	1.6E+14	4.6E+13	3.7E+12
0.85	5.0E+15	5.0E+15	5.0E+15	4.9E+15	4.9E+15	4.8E+15	4.5E+15	3.6E+15	1.9E+15	7.5E+14	1.1E+14	9.1E+12	6.3E+11	1.1E+10	4.6E+7
1.25	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.2E+13	1.1E+13	1.1E+13	1.1E+13	9.9E+12	8.6E+12	5.8E+12	3.0E+12	8.1E+11
1.75	4.2E+11	4.2E+11	4.2E+11	4.2E+11	4.2E+11	4.1E+11	3.8E+11	3.0E+11	1.5E+11	5.5E+10	6.8E+9	1.3E+8	6.4E+5	7.4E+4	5.6E+4
2.25	4.5E+10	4.5E+10	4.5E+10	4.4E+10	4.4E+10	4.3E+10	4.0E+10	3.2E+10	1.6E+10	5.7E+9	7.2E+8	5.6E+7	3.1E+7	1.6E+7	4.3E+6
2.75	3.3E+7	3.3E+7	3.3E+7	3.3E+7	3.2E+7	3.2E+7	2.9E+7	2.3E+7	1.2E+7	4.3E+6	6.5E+5	1.5E+5	9.5E+4	4.9E+4	1.3E+4
3.5	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.1E-13	1.0E-13	8.6E-14

5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	9.3E+15	9.3E+15	9.3E+15	9.3E+15	9.2E+15	9.2E+15	9.1E+15	8.7E+15	7.8E+15	6.9E+15	5.7E+15	5.0E+15	5.0E+15	5.2E+15	5.3E+15
0.025	7.6E+13	7.6E+13	7.6E+13	7.6E+13	7.6E+13	7.6E+13	7.6E+13	7.7E+13	8.0E+13	8.3E+13	9.1E+13	1.1E+14	1.5E+14	2.0E+14	2.8E+14
0.0375	3.1E+13	3.1E+13	3.1E+13	3.1E+13	3.1E+13	3.1E+13	3.1E+13	3.0E+13	2.8E+13	2.6E+13	2.4E+13	2.4E+13	2.6E+13	3.0E+13	3.5E+13
0.0575	1.1E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	1.1E+15	1.2E+15	1.2E+15	1.3E+15	1.6E+15	2.2E+15	3.0E+15	4.1E+15
0.085	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.4E+13	8.3E+13	8.3E+13	8.1E+13	7.9E+13
0.125	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.3E+13	7.2E+13	7.2E+13	7.0E+13	6.7E+13	6.3E+13
0.225	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.8E+13	5.7E+13	5.7E+13	5.6E+13	5.4E+13	5.1E+13	4.6E+13
0.375	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12
0.575	1.3E+11	1.3E+11	1.3E+11	1.3E+11	1.3E+11	1.3E+11	1.3E+11	1.2E+11	1.1E+11	9.7E+10	8.3E+10	7.9E+10	9.8E+10	1.2E+11	1.4E+11
0.85	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.4E+11	1.4E+11	1.3E+11
1.25	7.1E+10	7.1E+10	7.1E+10	7.1E+10	7.1E+10	7.1E+10	7.1E+10	7.0E+10	6.9E+10	6.8E+10	6.6E+10	6.5E+10	6.2E+10	5.7E+10	5.0E+10
1.75	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.7E+10	1.7E+10	1.6E+10	1.6E+10	1.6E+10	1.4E+10	1.1E+10
2.25	8.8E+9	8.8E+9	8.8E+9	8.8E+9	8.8E+9	8.8E+9	8.8E+9	8.7E+9	8.4E+9	8.1E+9	7.7E+9	7.3E+9	6.4E+9	5.3E+9	3.7E+9
2.75	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.2E+10	2.3E+10	2.3E+10	2.5E+10	2.9E+10	3.8E+10	4.5E+10	4.4E+10
3.5	4.6E+9	4.6E+9	4.6E+9	4.6E+9	4.6E+9	4.6E+9	4.6E+9	4.5E+9	4.4E+9	4.2E+9	4.0E+9	3.8E+9	3.4E+9	2.8E+9	1.9E+9
5	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	1.9E+9	1.9E+9	1.8E+9	1.7E+9	1.6E+9	1.4E+9	1.2E+9	8.2E+8
7	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.2E+8	2.2E+8	2.1E+8	2.0E+8	1.9E+8	1.7E+8	1.4E+8	9.5E+7
9.5	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.5E+7	2.4E+7	2.3E+7	2.1E+7	1.9E+7	1.6E+7	1.1E+7
	FP														
0.01	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.0E+17	1.0E+17	9.0E+16	7.8E+16	6.0E+16	3.9E+16	2.2E+16	1.7E+16	1.3E+16
0.025	3.4E+16	3.4E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.3E+16	3.2E+16	2.9E+16	2.6E+16	2.1E+16	1.4E+16	7.3E+15	4.2E+15	2.6E+15
0.0375	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	9.6E+16	8.4E+16	6.6E+16	4.6E+16	3.0E+16	2.4E+16	1.8E+16
0.0575	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.2E+16	2.0E+16	1.7E+16	1.3E+16	8.6E+15	4.7E+15	3.6E+15	2.6E+15
0.085	3.0E+16	3.0E+16	3.0E+16	3.0E+16	2.9E+16	2.9E+16	2.9E+16	2.8E+16	2.5E+16	2.1E+16	1.5E+16	9.2E+15	4.1E+15	2.6E+15	1.6E+15
0.125	8.5E+16	8.5E+16	8.5E+16	8.5E+16	8.5E+16	8.4E+16	8.3E+16	7.9E+16	6.9E+16	5.7E+16	3.9E+16	2.1E+16	7.8E+15	4.7E+15	2.4E+15
0.225	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.5E+16	1.4E+16	1.2E+16	9.1E+15	6.0E+15	3.2E+15	2.3E+15	1.6E+15
0.375	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.3E+16	1.2E+16	1.0E+16	8.3E+15	5.7E+15	2.6E+15	1.3E+15	6.6E+14
0.575	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.0E+17	8.9E+17	8.5E+17	7.9E+17	7.1E+17	5.9E+17	4.1E+17	3.1E+17	2.4E+17
0.85	4.5E+17	4.5E+17	4.5E+17	4.5E+17	4.5E+17	4.4E+17	4.3E+17	3.9E+17	3.2E+17	2.5E+17	2.0E+17	1.4E+17	5.3E+16	1.3E+16	2.0E+15
1.25	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.7E+16	3.7E+16	3.6E+16	3.4E+16	3.1E+16	2.6E+16	1.9E+16	9.5E+15	4.7E+15	1.9E+15
1.75	2.1E+15	2.1E+15	2.1E+15	2.1E+15	2.1E+15	2.0E+15	2.0E+15	1.9E+15	1.7E+15	1.5E+15	1.1E+15	6.3E+14	2.3E+14	1.3E+14	5.9E+13
2.25	4.8E+15	4.8E+15	4.7E+15	4.8E+15	4.7E+15	4.7E+15	4.6E+15	4.4E+15	3.8E+15	3.1E+15	2.0E+15	8.5E+14	6.7E+13	1.2E+12	2.0E+9
2.75	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.0E+13	6.7E+13	6.0E+13	5.1E+13	3.6E+13	1.8E+13	2.4E+12	7.9E+10	9.0E+7
3.5	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	9.6E+12	8.6E+12	7.3E+12	5.2E+12	2.6E+12	3.4E+11	1.2E+10	1.3E+7

5	8.7E-4	8.7E-4	8.7E-4	8.7E-4	8.7E-4	8.7E-4	8.7E-4	8.8E-4	8.9E-4	9.1E-4	9.5E-4	1.0E-3	1.1E-3	1.2E-3	1.2E-3
7	5.6E-5	5.6E-5	5.6E-5	5.6E-5	5.6E-5	5.6E-5	5.7E-5	5.7E-5	5.8E-5	5.9E-5	6.2E-5	6.5E-5	7.3E-5	7.7E-5	7.8E-5
9.5	3.6E-6	3.6E-6	3.6E-6	3.6E-6	3.6E-6	3.6E-6	3.6E-6	3.6E-6	3.7E-6	3.7E-6	3.9E-6	4.1E-6	4.6E-6	4.9E-6	5.0E-6
	All														
0.01	1.2E+17	1.2E+17	1.2E+17	1.2E+17	1.2E+17	1.2E+17	1.1E+17	1.1E+17	9.8E+16	8.5E+16	6.6E+16	4.4E+16	2.7E+16	2.3E+16	1.9E+16
0.025	3.5E+16	3.5E+16	3.5E+16	3.5E+16	3.5E+16	3.5E+16	3.5E+16	3.3E+16	3.0E+16	2.7E+16	2.2E+16	1.5E+16	7.8E+15	4.5E+15	2.9E+15
0.0375	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	1.1E+17	9.6E+16	8.4E+16	6.6E+16	4.6E+16	3.0E+16	2.4E+16	1.8E+16
0.0575	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.4E+16	2.3E+16	2.1E+16	1.8E+16	1.4E+16	1.0E+16	6.9E+15	6.6E+15	6.7E+15
0.085	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	2.9E+16	2.9E+16	2.8E+16	2.5E+16	2.1E+16	1.5E+16	9.3E+15	4.2E+15	2.7E+15	1.7E+15
0.125	8.5E+16	8.5E+16	8.5E+16	8.5E+16	8.5E+16	8.4E+16	8.3E+16	7.9E+16	6.9E+16	5.7E+16	4.0E+16	2.1E+16	7.9E+15	4.8E+15	2.5E+15
0.225	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.6E+16	1.5E+16	1.4E+16	1.2E+16	9.2E+15	6.1E+15	3.3E+15	2.4E+15	1.6E+15
0.375	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.4E+16	1.3E+16	1.2E+16	1.1E+16	8.7E+15	6.0E+15	2.7E+15	1.3E+15	6.7E+14
0.575	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.1E+17	9.0E+17	8.9E+17	8.5E+17	8.0E+17	7.1E+17	5.9E+17	4.1E+17	3.1E+17	2.4E+17
0.85	4.5E+17	4.5E+17	4.5E+17	4.5E+17	4.5E+17	4.5E+17	4.3E+17	4.0E+17	3.2E+17	2.6E+17	2.0E+17	1.4E+17	5.3E+16	1.3E+16	2.0E+15
1.25	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.8E+16	3.7E+16	3.7E+16	3.6E+16	3.4E+16	3.1E+16	2.6E+16	1.9E+16	9.5E+15	4.7E+15	1.9E+15
1.75	2.1E+15	2.1E+15	2.1E+15	2.1E+15	2.1E+15	2.0E+15	2.0E+15	1.9E+15	1.7E+15	1.5E+15	1.1E+15	6.3E+14	2.3E+14	1.3E+14	5.9E+13
2.25	4.8E+15	4.8E+15	4.7E+15	4.8E+15	4.7E+15	4.7E+15	4.6E+15	4.4E+15	3.8E+15	3.1E+15	2.0E+15	8.5E+14	6.7E+13	1.2E+12	5.7E+9
2.75	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.1E+13	7.0E+13	6.7E+13	6.0E+13	5.1E+13	3.6E+13	1.8E+13	2.4E+12	1.2E+11	4.4E+10
3.5	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	1.0E+13	9.7E+12	8.6E+12	7.3E+12	5.2E+12	2.6E+12	3.5E+11	1.4E+10	1.9E+9
5	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	2.0E+9	1.9E+9	1.9E+9	1.8E+9	1.7E+9	1.6E+9	1.4E+9	1.2E+9	8.2E+8
7	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.2E+8	2.2E+8	2.1E+8	2.0E+8	1.9E+8	1.7E+8	1.4E+8	9.5E+7
9.5	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.6E+7	2.5E+7	2.4E+7	2.3E+7	2.1E+7	1.9E+7	1.6E+7	1.1E+7
	Total photon/sec														
Activ.	8.1E+15	8.1E+15	8.1E+15	8.1E+15	8.1E+15	8.0E+15	7.6E+15	6.7E+15	4.7E+15	3.3E+15	2.2E+15	1.5E+15	6.8E+14	1.9E+14	1.6E+13
Actin.	1.1E+16	1.1E+16	1.1E+16	1.1E+16	1.1E+16	1.1E+16	1.1E+16	1.0E+16	9.3E+15	8.4E+15	7.4E+15	7.0E+15	7.5E+15	8.6E+15	1.0E+16
FP	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.7E+18	1.6E+18	1.4E+18	1.2E+18	9.0E+17	5.6E+17	3.9E+17	2.9E+17
All	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.8E+18	1.7E+18	1.6E+18	1.4E+18	1.2E+18	9.1E+17	5.7E+17	4.0E+17	3.0E+17
	Total MeV/sec														
Activ.	4.8E+15	4.8E+15	4.8E+15	4.8E+15	4.8E+15	4.7E+15	4.4E+15	3.6E+15	2.2E+15	1.1E+15	5.4E+14	3.5E+14	1.6E+14	4.7E+13	4.6E+12
Actin.	1.9E+14	1.9E+14	1.9E+14	1.9E+14	1.9E+14	1.9E+14	1.9E+14	1.9E+14	1.8E+14	1.7E+14	1.7E+14	1.7E+14	2.1E+14	2.6E+14	3.3E+14
FP	9.9E+17	9.9E+17	9.9E+17	9.9E+17	9.9E+17	9.9E+17	9.7E+17	9.3E+17	8.3E+17	7.4E+17	6.3E+17	4.9E+17	3.0E+17	2.0E+17	1.4E+17
All	1.0E+18	1.0E+18	1.0E+18	1.0E+18	1.0E+18	9.9E+17	9.7E+17	9.3E+17	8.4E+17	7.4E+17	6.3E+17	4.9E+17	3.0E+17	2.0E+17	1.4E+17

表 68　3 号機使用済燃料プール、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	4.1E+11	7.3E+10	7.6E+10	7.5E+10	7.3E+10	7.3E+10	7.2E+10	7.2E+10	7.2E+10	7.1E+10	7.0E+10	6.9E+10	6.6E+10	5.7E+10	4.6E+10
0.025	6.4E+12	3.9E+9	3.6E+8	2.3E+8	1.2E+8	1.0E+8	9.1E+7	6.6E+7	4.1E+7	2.0E+7	1.1E+7	1.0E+7	9.6E+6	8.4E+6	6.7E+6
0.0375	1.6E+12	9.8E+8	1.0E+8	7.2E+7	5.0E+7	4.5E+7	4.0E+7	2.8E+7	1.6E+7	6.2E+6	2.0E+6	1.9E+6	1.8E+6	1.6E+6	1.2E+6
0.0575	3.9E+9	6.0E+7	4.5E+7	3.9E+7	3.5E+7	3.3E+7	2.9E+7	2.0E+7	1.1E+7	3.5E+6	2.4E+5	1.4E+5	1.4E+5	1.2E+5	9.5E+4
0.085	1.8E+9	1.5E+7	7.7E+6	5.9E+6	5.6E+6	5.2E+6	4.6E+6	3.2E+6	1.8E+6	5.3E+5	1.8E+4	3.5E+3	3.1E+3	2.6E+3	2.0E+3
0.125	3.3E+10	2.3E+7	1.7E+6	5.5E+5	4.2E+5	4.0E+5	3.5E+5	2.4E+5	1.3E+5	4.2E+4	3.1E+3	1.8E+3	1.6E+3	1.4E+3	1.1E+3
0.225	4.8E+11	2.6E+8	1.8E+6	1.6E+5	2.5E+3	2.3E+3	2.3E+3	2.2E+3	2.1E+3	1.9E+3	1.5E+3	1.3E+3	1.3E+3	1.1E+3	8.6E+2
0.375	2.9E+12	1.5E+9	8.6E+5	7.7E+4	2.6E+2	2.0E+2	2.0E+2	2.0E+2	1.9E+2	1.8E+2	1.6E+2	1.5E+2	1.4E+2	1.2E+2	9.8E+1
0.575	3.7E+12	2.0E+9	5.0E+5	4.4E+4	3.3E+1	1.5E+0	1.5E+0	1.5E+0	1.5E+0	1.5E+0	1.5E+0	1.5E+0	1.4E+0	1.2E+0	9.9E−1
0.85	4.6E+7	1.3E+7	1.2E+7	1.2E+7	1.2E+7	1.2E+7	1.1E+7	1.0E+7	8.5E+6	6.0E+6	2.2E+6	3.9E+5	1.3E+4	4.5E−1	1.7E−8
1.25	8.1E+11	1.6E+10	2.2E+7	6.4E+3	4.6E+0	2.7E−5	7.5E−12	5.2E−14	2.6E−18	2.6E−18	2.6E−18	2.6E−18	2.6E−18	2.6E−18	2.6E−18
1.75	5.6E+4	2.7E+4	8.1E+3	7.2E+2	5.2E−1	3.0E−6	3.7E−13	2.6E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	4.3E+6	8.3E+4	1.2E+2	1.7E−1	1.2E−4	7.2E−10	2.4E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	1.3E+4	2.6E+2	3.6E−1	6.9E−7	2.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	8.6E−14	4.5E−14	1.7E−14	5.2E−15	2.8E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	5.3E+15	5.2E+15	4.5E+15	3.6E+15	2.1E+15	1.2E+15	5.2E+14	2.8E+14	1.9E+14	9.2E+13	2.7E+13	1.5E+13	1.4E+13	1.4E+13	1.2E+13
0.025	2.8E+14	3.6E+14	3.6E+14	3.1E+14	1.9E+14	8.7E+13	1.8E+13	7.6E+11	6.0E+11	5.8E+11	5.7E+11	5.9E+11	5.9E+11	5.4E+11	4.6E+11
0.0375	3.5E+13	4.0E+13	3.8E+13	3.2E+13	2.1E+13	1.2E+13	6.3E+12	3.7E+12	2.3E+12	1.0E+12	3.9E+11	6.4E+11	1.1E+12	1.5E+12	1.5E+12
0.0575	4.1E+15	5.3E+15	5.3E+15	4.6E+15	2.8E+15	1.3E+15	2.6E+14	3.9E+12	1.2E+12	6.4E+11	2.9E+11	2.9E+11	3.3E+11	2.9E+11	2.3E+11
0.085	7.9E+13	7.5E+13	7.1E+13	6.8E+13	6.5E+13	6.2E+13	5.6E+13	4.3E+13	2.8E+13	1.3E+13	3.9E+12	4.0E+12	5.0E+12	5.4E+12	4.8E+12
0.125	6.3E+13	5.5E+13	4.9E+13	4.6E+13	4.2E+13	4.0E+13	3.5E+13	2.7E+13	1.7E+13	7.0E+12	9.3E+11	6.2E+11	7.3E+11	8.1E+11	7.3E+11
0.225	4.6E+13	3.7E+13	3.1E+13	2.8E+13	2.7E+13	2.6E+13	2.4E+13	1.8E+13	1.1E+13	4.8E+12	1.2E+12	1.5E+12	2.0E+12	2.0E+12	1.6E+12
0.375	3.5E+12	3.5E+12	3.6E+12	3.7E+12	4.0E+12	4.1E+12	4.1E+12	3.6E+12	3.0E+12	2.6E+12	2.6E+12	3.1E+12	3.7E+12	3.6E+12	3.0E+12
0.575	1.4E+11	1.5E+11	1.4E+11	1.1E+11	7.1E+10	4.4E+10	3.4E+10	7.6E+10	1.7E+11	3.7E+11	8.7E+11	1.4E+12	1.7E+12	1.3E+12	7.9E+11
0.85	1.3E+11	1.1E+11	8.4E+10	5.8E+10	2.8E+10	1.5E+10	1.2E+10	2.2E+10	4.7E+10	9.4E+10	2.2E+11	3.3E+11	4.1E+11	3.1E+11	1.9E+11
1.25	5.0E+10	3.7E+10	2.8E+10	1.9E+10	9.8E+9	8.4E+9	1.4E+10	4.6E+10	1.1E+11	2.3E+11	5.5E+11	8.5E+11	1.0E+12	7.8E+11	4.7E+11
1.75	1.1E+10	6.3E+9	3.4E+9	2.0E+9	1.6E+9	2.9E+9	8.0E+9	3.4E+10	8.6E+10	1.9E+11	4.5E+11	7.1E+11	8.8E+11	6.9E+11	4.4E+11
2.25	3.7E+9	1.3E+9	3.0E+8	1.4E+8	2.3E+8	6.4E+8	2.2E+9	1.0E+10	2.6E+10	5.7E+10	1.4E+11	2.1E+11	2.6E+11	1.9E+11	1.1E+11
2.75	4.4E+10	3.3E+10	2.0E+10	7.6E+9	4.9E+8	7.6E+7	9.3E+7	2.2E+8	4.8E+8	1.0E+9	2.4E+9	3.6E+9	4.4E+9	3.3E+9	2.0E+9
3.5	1.9E+9	6.6E+8	1.5E+8	6.6E+7	6.0E+7	5.8E+7	5.7E+7	7.1E+7	1.1E+8	2.0E+8	4.6E+8	6.9E+8	8.4E+8	6.3E+8	3.7E+8

5	8.2E+8	2.8E+8	6.5E+7	2.8E+7	2.5E+7	2.4E+7	2.2E+7	1.7E+7	1.2E+7	7.3E+6	5.2E+6	4.7E+6	4.0E+6	2.3E+6	9.9E+5
7	9.5E+7	3.2E+7	7.5E+6	3.2E+6	2.9E+6	2.7E+6	2.5E+6	1.9E+6	1.3E+6	8.4E+5	6.0E+5	5.4E+5	4.6E+5	2.7E+5	1.1E+5
9.5	1.1E+7	3.7E+6	8.5E+5	3.6E+5	3.3E+5	3.1E+5	2.8E+5	2.2E+5	1.5E+5	9.6E+4	6.9E+4	6.3E+4	5.2E+4	3.1E+4	1.3E+4
	FP														
0.01	1.3E+16	6.3E+15	1.9E+15	1.8E+14	1.9E+12	1.7E+12	1.7E+12	1.7E+12	1.7E+12	1.7E+12	1.6E+12	1.5E+12	1.3E+12	1.1E+12	8.4E+11
0.025	2.6E+15	1.2E+15	3.7E+14	3.5E+13	1.2E+12	1.2E+12	1.2E+12	1.2E+12	1.1E+12	1.1E+12	8.9E+11	6.6E+11	3.8E+11	1.3E+11	8.6E+10
0.0375	1.8E+16	8.4E+15	2.6E+15	2.6E+14	3.3E+11	7.7E+10	7.7E+10	7.6E+10	7.5E+10	7.2E+10	6.5E+10	5.5E+10	4.3E+10	3.0E+10	2.5E+10
0.0575	2.6E+15	1.2E+15	3.5E+14	3.2E+13	3.5E+11	3.3E+11	3.2E+11	3.2E+11	3.1E+11	2.9E+11	2.3E+11	1.7E+11	8.7E+10	1.4E+10	1.3E+9
0.085	1.6E+15	7.0E+14	2.1E+14	2.0E+13	1.3E+12	1.3E+12	1.3E+12	1.3E+12	1.2E+12	1.1E+12	9.2E+11	6.5E+11	3.3E+11	4.2E+10	1.6E+9
0.125	2.4E+15	5.8E+14	1.4E+14	1.2E+13	2.0E+10	1.1E+10	1.1E+10	1.0E+10	1.0E+10	9.4E+9	7.9E+9	5.9E+9	3.3E+9	7.5E+8	1.1E+8
0.225	1.6E+15	6.5E+14	1.9E+14	1.7E+13	7.1E+10	5.7E+10	5.3E+10	5.0E+10	4.7E+10	4.4E+10	3.6E+10	2.5E+10	1.3E+10	1.7E+9	7.3E+7
0.375	6.6E+14	2.9E+14	8.9E+13	1.1E+13	2.9E+12	2.9E+12	2.9E+12	2.8E+12	2.7E+12	2.6E+12	2.1E+12	1.5E+12	7.3E+11	9.2E+10	2.9E+9
0.575	2.4E+17	1.2E+17	3.8E+16	3.8E+15	1.0E+13	6.5E+12	6.5E+12	6.3E+12	6.1E+12	5.7E+12	4.6E+12	3.3E+12	1.6E+12	2.0E+11	6.4E+9
0.85	2.0E+15	2.0E+14	2.0E+13	1.9E+12	3.4E+11	3.3E+11	3.3E+11	3.2E+11	3.1E+11	2.8E+11	2.3E+11	1.6E+11	8.2E+10	1.0E+10	3.2E+8
1.25	1.9E+15	1.8E+14	9.9E+12	7.1E+11	8.0E+10	7.9E+10	7.8E+10	7.7E+10	7.4E+10	6.9E+10	5.6E+10	4.0E+10	2.0E+10	2.5E+9	7.8E+7
1.75	5.9E+13	7.4E+12	8.7E+11	7.1E+10	5.2E+7	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.0E+6	8.2E+5	5.8E+5	2.9E+5	3.6E+4	1.1E+3
2.25	2.0E+9	6.3E+8	1.9E+8	1.7E+7	1.2E+4	8.2E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2	1.1E-2
2.75	9.0E+7	1.4E-1	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3	5.5E-3
3.5	1.3E+7	2.4E-2	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3	4.1E-3
5	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3	1.2E-3
7	7.8E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5	7.9E-5
9.5	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6	5.0E-6
	All														
0.01	1.9E+16	1.2E+16	6.5E+15	3.7E+15	2.1E+15	1.2E+15	5.2E+14	2.9E+14	1.9E+14	9.3E+13	2.9E+13	1.7E+13	1.5E+13	1.5E+13	1.3E+13
0.025	2.9E+15	1.6E+15	7.3E+14	3.5E+14	1.9E+14	8.8E+13	1.9E+13	1.9E+12	1.7E+12	1.7E+12	1.5E+12	1.2E+12	9.7E+11	6.7E+11	5.5E+11
0.0375	1.8E+16	8.5E+15	2.7E+15	2.9E+14	2.2E+13	1.2E+13	6.3E+12	3.8E+12	2.4E+12	1.1E+12	4.5E+11	6.9E+11	1.2E+12	1.6E+12	1.5E+12
0.0575	6.7E+15	6.5E+15	5.7E+15	4.6E+15	2.8E+15	1.3E+15	2.6E+14	4.2E+12	1.5E+12	9.3E+11	5.2E+11	4.5E+11	4.1E+11	3.1E+11	2.3E+11
0.085	1.7E+15	7.8E+14	2.8E+14	8.9E+13	6.6E+13	6.3E+13	5.7E+13	4.4E+13	2.9E+13	1.4E+13	4.8E+12	4.7E+12	5.3E+12	5.4E+12	4.8E+12
0.125	2.5E+15	6.4E+14	1.9E+14	5.8E+13	4.3E+13	4.0E+13	3.6E+13	2.7E+13	1.7E+13	7.0E+12	9.4E+11	6.2E+11	7.3E+11	8.1E+11	7.3E+11
0.225	1.6E+15	6.8E+14	2.2E+14	4.5E+13	2.7E+13	2.6E+13	2.4E+13	1.8E+13	1.1E+13	4.9E+12	1.3E+12	1.5E+12	2.0E+12	2.0E+12	1.6E+12
0.375	6.7E+14	3.0E+14	9.2E+13	1.4E+13	6.9E+12	7.0E+12	7.0E+12	6.4E+12	5.8E+12	5.1E+12	4.7E+12	4.6E+12	4.4E+12	3.7E+12	3.0E+12
0.575	2.4E+17	1.2E+17	3.8E+16	3.8E+15	1.0E+13	6.6E+12	6.5E+12	6.4E+12	6.3E+12	6.1E+12	5.5E+12	4.6E+12	3.3E+12	1.5E+12	7.9E+11
0.85	2.0E+15	2.0E+14	2.0E+13	1.9E+12	3.7E+11	3.5E+11	3.4E+11	3.4E+11	3.5E+11	3.8E+11	4.5E+11	5.0E+11	4.9E+11	3.2E+11	2.0E+11
1.25	1.9E+15	1.8E+14	9.9E+12	7.3E+11	9.0E+10	8.7E+10	9.3E+10	1.2E+11	1.8E+11	3.0E+11	6.1E+11	8.9E+11	1.1E+12	7.8E+11	4.7E+11
1.75	5.9E+13	7.4E+12	8.8E+11	7.3E+10	1.6E+9	2.9E+9	8.0E+9	3.4E+10	8.6E+10	1.9E+11	4.5E+11	7.1E+11	8.8E+11	6.9E+11	4.4E+11
2.25	5.7E+9	1.9E+9	4.9E+8	1.6E+8	2.3E+8	6.4E+8	2.2E+9	1.0E+10	2.6E+10	5.7E+10	1.4E+11	2.1E+11	2.6E+11	1.9E+11	1.1E+11
2.75	4.4E+10	3.3E+10	2.0E+10	7.6E+9	4.9E+8	7.6E+7	9.3E+7	2.2E+8	4.8E+8	1.0E+9	2.4E+9	3.6E+9	4.4E+9	3.3E+9	2.0E+9
3.5	1.9E+9	6.6E+8	1.5E+8	6.6E+7	6.0E+7	5.8E+7	5.7E+7	7.1E+7	1.1E+8	2.0E+8	4.6E+8	6.9E+8	8.4E+8	6.3E+8	3.7E+8

5	8.2E+8	2.8E+8	6.5E+7	2.8E+7	2.5E+7	2.4E+7	2.2E+7	1.7E+7	1.2E+7	7.3E+6	5.2E+6	4.7E+6	4.0E+6	2.3E+6	9.9E+5
7	9.5E+7	3.2E+7	7.5E+6	3.2E+6	2.9E+6	2.7E+6	2.5E+6	1.9E+6	1.3E+6	8.4E+5	6.0E+5	5.4E+5	4.6E+5	2.7E+5	1.1E+5
9.5	1.1E+7	3.7E+6	8.5E+5	3.6E+5	3.3E+5	3.1E+5	2.8E+5	2.2E+5	1.5E+5	9.6E+4	6.9E+4	6.3E+4	5.2E+4	3.1E+4	1.3E+4
	Total photon/sec														
Activ.	1.6E+13	9.7E+10	7.7E+10	7.5E+10	7.3E+10	7.3E+10	7.3E+10	7.2E+10	7.2E+10	7.1E+10	7.0E+10	6.9E+10	6.6E+10	5.7E+10	4.6E+10
Actin.	1.0E+16	1.1E+16	1.0E+16	8.6E+15	5.3E+15	2.7E+15	9.2E+14	3.8E+14	2.5E+14	1.2E+14	4.0E+13	3.0E+13	3.2E+13	3.1E+13	2.6E+13
FP	2.9E+17	1.4E+17	4.4E+16	4.3E+15	1.9E+13	1.5E+13	1.4E+13	1.4E+13	1.4E+13	1.3E+13	1.1E+13	8.0E+12	4.7E+12	1.6E+12	9.6E+11
All	3.0E+17	1.5E+17	5.4E+16	1.3E+16	5.3E+15	2.7E+15	9.3E+14	4.0E+14	2.6E+14	1.3E+14	5.0E+13	3.8E+13	3.6E+13	3.3E+13	2.7E+13
	Total MeV/sec														
Activ.	4.6E+12	2.2E+10	8.2E+8	7.7E+8	7.5E+8	7.4E+8	7.4E+8	7.3E+8	7.3E+8	7.2E+8	7.1E+8	6.9E+8	6.6E+8	5.7E+8	4.6E+8
Actin.	3.3E+14	3.9E+14	3.8E+14	3.3E+14	2.1E+14	1.0E+14	3.7E+13	1.6E+13	1.1E+13	6.0E+12	4.5E+12	6.0E+12	7.3E+12	6.2E+12	4.4E+12
FP	1.4E+17	7.0E+16	2.2E+16	2.2E+15	7.6E+12	5.4E+12	5.4E+12	5.3E+12	5.1E+12	4.7E+12	3.8E+12	2.7E+12	1.4E+12	1.8E+11	1.7E+10
All	1.4E+17	7.0E+16	2.2E+16	2.5E+15	2.2E+14	1.1E+14	4.2E+13	2.1E+13	1.6E+13	1.1E+13	8.4E+12	8.7E+12	8.7E+12	6.4E+12	4.4E+12

表 69　4 号機使用済燃料プール、短期光子放出率(photon/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	Activation														
0.01	9.9E+14	9.9E+14	9.9E+14	9.9E+14	9.8E+14	9.7E+14	9.2E+14	7.9E+14	5.5E+14	3.6E+14	2.1E+14	1.1E+14	3.7E+13	9.9E+12	9.1E+11
0.025	5.9E+15	5.9E+15	5.9E+15	5.9E+15	5.9E+15	5.8E+15	5.7E+15	5.4E+15	4.7E+15	3.9E+15	2.8E+15	1.7E+15	6.5E+14	1.8E+14	1.4E+13
0.0375	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.7E+14	5.6E+14	5.3E+14	4.9E+14	4.3E+14	3.3E+14	1.6E+14	4.5E+13	3.6E+12
0.0575	3.7E+13	3.7E+13	3.6E+13	3.6E+13	3.6E+13	3.6E+13	3.3E+13	2.8E+13	1.7E+13	8.5E+12	3.4E+12	1.4E+12	4.1E+11	1.0E+11	8.8E+9
0.085	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.4E+13	1.3E+13	1.0E+13	5.9E+12	2.7E+12	8.8E+11	3.9E+11	1.7E+11	4.8E+10	4.0E+9
0.125	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.8E+13	1.7E+13	1.6E+13	1.3E+13	1.1E+13	9.2E+12	7.0E+12	3.3E+12	9.3E+11	7.6E+10
0.225	3.6E+14	3.6E+14	3.6E+14	3.6E+14	3.6E+14	3.5E+14	3.3E+14	2.9E+14	2.3E+14	1.8E+14	1.4E+14	1.0E+14	4.7E+13	1.3E+13	1.1E+12
0.375	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	1.0E+15	9.9E+14	9.4E+14	8.8E+14	7.7E+14	6.0E+14	2.8E+14	8.1E+13	6.5E+12
0.575	1.3E+15	1.3E+15	1.3E+15	1.3E+15	1.3E+15	1.3E+15	1.3E+15	1.3E+15	1.2E+15	1.1E+15	1.0E+15	7.7E+14	3.6E+14	1.0E+14	8.4E+12
0.85	8.6E+16	8.5E+16	8.5E+16	8.5E+16	8.5E+16	8.3E+16	7.8E+16	6.5E+16	3.6E+16	1.4E+16	2.0E+15	6.6E+13	2.4E+12	4.3E+10	9.3E+7
1.25	2.5E+13	2.5E+13	2.5E+13	2.5E+13	2.5E+13	2.5E+13	2.4E+13	2.4E+13	2.2E+13	2.1E+13	1.9E+13	1.6E+13	1.1E+13	5.6E+12	1.5E+12
1.75	6.2E+12	6.2E+12	6.2E+12	6.2E+12	6.2E+12	6.0E+12	5.6E+12	4.4E+12	2.2E+12	8.1E+11	1.0E+11	1.8E+9	1.9E+6	1.5E+5	1.1E+5
2.25	6.8E+11	6.8E+11	6.8E+11	6.8E+11	6.7E+11	6.5E+11	5.9E+11	4.6E+11	2.3E+11	8.1E+10	9.7E+9	2.3E+8	5.7E+7	2.9E+7	7.9E+6
2.75	4.7E+8	4.7E+8	4.7E+8	4.7E+8	4.7E+8	4.6E+8	4.2E+8	3.3E+8	1.7E+8	6.0E+7	7.3E+6	3.7E+5	1.8E+5	9.1E+4	2.4E+4
3.5	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.3E−13	1.2E−13	1.1E−13	9.6E−14
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	2.7E+16	2.7E+16	2.7E+16	2.7E+16	2.7E+16	2.7E+16	2.6E+16	2.5E+16	2.1E+16	1.8E+16	1.3E+16	1.1E+16	1.0E+16	1.1E+16	1.1E+16

0.025	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.6E+14	1.7E+14	1.7E+14	1.9E+14	2.2E+14	3.1E+14	4.3E+14	6.0E+14
0.0375	8.3E+13	8.3E+13	8.3E+13	8.3E+13	8.3E+13	8.2E+13	8.1E+13	7.8E+13	7.1E+13	6.2E+13	5.3E+13	4.9E+13	5.3E+13	6.2E+13	7.3E+13
0.0575	2.3E+15	2.3E+15	2.3E+15	2.3E+15	2.3E+15	2.3E+15	2.3E+15	2.4E+15	2.4E+15	2.6E+15	2.8E+15	3.3E+15	4.6E+15	6.3E+15	8.8E+15
0.085	1.8E+14	1.8E+14	1.8E+14	1.8E+14	1.8E+14	1.8E+14	1.7E+14	1.7E+14	1.7E+14	1.7E+14	1.7E+14	1.7E+14	1.6E+14	1.6E+14	1.6E+14
0.125	1.7E+14	1.7E+14	1.7E+14	1.7E+14	1.7E+14	1.6E+14	1.5E+14	1.5E+14	1.5E+14	1.5E+14	1.4E+14	1.4E+14	1.4E+14	1.3E+14	1.3E+14
0.225	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.3E+14	1.2E+14	1.2E+14	1.2E+14	1.1E+14	1.1E+14	1.1E+14	1.1E+14	1.0E+14	9.1E+13
0.375	7.9E+12	7.9E+12	7.9E+12	7.8E+12	7.8E+12	7.6E+12	7.3E+12	7.1E+12	7.0E+12	7.0E+12	7.0E+12	7.0E+12	7.0E+12	7.0E+12	7.0E+12
0.575	4.0E+11	4.1E+11	4.0E+11	4.0E+11	4.0E+11	4.0E+11	3.9E+11	3.7E+11	3.2E+11	2.6E+11	2.0E+11	1.7E+11	2.0E+11	2.5E+11	3.0E+11
0.85	3.5E+11	3.5E+11	3.5E+11	3.5E+11	3.5E+11	3.5E+11	3.5E+11	3.5E+11	3.3E+11	3.2E+11	3.1E+11	3.0E+11	3.0E+11	3.0E+11	2.8E+11
1.25	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.3E+11	1.2E+11	1.1E+11
1.75	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.8E+10	3.8E+10	3.6E+10	3.5E+10	3.3E+10	3.2E+10	3.1E+10	2.8E+10	2.3E+10
2.25	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.8E+10	1.8E+10	1.7E+10	1.5E+10	1.4E+10	1.2E+10	1.0E+10	7.1E+9
2.75	4.9E+10	5.0E+10	4.9E+10	4.9E+10	5.0E+10	4.9E+10	4.9E+10	4.9E+10	5.0E+10	5.1E+10	5.4E+10	6.1E+10	7.7E+10	8.9E+10	8.8E+10
3.5	9.9E+9	9.9E+9	9.9E+9	9.9E+9	9.9E+9	9.8E+9	9.8E+9	9.6E+9	9.1E+9	8.6E+9	8.0E+9	7.3E+9	6.5E+9	5.4E+9	3.7E+9
5	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.1E+9	3.9E+9	3.7E+9	3.4E+9	3.1E+9	2.8E+9	2.3E+9	1.6E+9
7	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.8E+8	4.7E+8	4.5E+8	4.3E+8	3.9E+8	3.6E+8	3.2E+8	2.6E+8	1.8E+8
9.5	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.5E+7	5.4E+7	5.2E+7	4.9E+7	4.5E+7	4.2E+7	3.7E+7	3.0E+7	2.1E+7
	FP														
0.01	4.7E+17	4.7E+17	4.7E+17	4.7E+17	4.7E+17	4.6E+17	4.5E+17	4.2E+17	3.4E+17	2.7E+17	1.9E+17	1.1E+17	4.9E+16	3.7E+16	2.8E+16
0.025	1.7E+17	1.7E+17	1.7E+17	1.7E+17	1.7E+17	1.7E+17	1.6E+17	1.4E+17	1.0E+17	7.9E+16	5.8E+16	3.7E+16	1.6E+16	8.9E+15	5.5E+15
0.0375	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.1E+17	4.9E+17	4.5E+17	3.7E+17	3.0E+17	2.1E+17	1.3E+17	6.3E+16	4.9E+16	3.7E+16
0.0575	9.7E+16	9.7E+16	9.7E+16	9.7E+16	9.6E+16	9.6E+16	9.3E+16	8.7E+16	7.3E+16	5.9E+16	4.2E+16	2.4E+16	1.0E+16	7.4E+15	5.4E+15
0.085	1.3E+17	1.3E+17	1.3E+17	1.3E+17	1.3E+17	1.2E+17	1.2E+17	1.1E+17	9.8E+16	8.0E+16	5.5E+16	2.9E+16	9.2E+15	5.5E+15	3.4E+15
0.125	6.6E+17	6.6E+17	6.6E+17	6.6E+17	6.5E+17	6.4E+17	5.9E+17	4.9E+17	3.4E+17	2.5E+17	1.6E+17	7.6E+16	1.8E+16	9.5E+15	4.9E+15
0.225	7.0E+16	7.0E+16	7.0E+16	6.9E+16	6.9E+16	6.8E+16	6.6E+16	6.0E+16	4.9E+16	4.0E+16	2.8E+16	1.7E+16	7.1E+15	4.8E+15	3.2E+15
0.375	5.6E+16	5.6E+16	5.6E+16	5.6E+16	5.6E+16	5.5E+16	5.1E+16	4.5E+16	3.7E+16	3.1E+16	2.3E+16	1.5E+16	5.9E+15	2.7E+15	1.4E+15
0.575	2.7E+18	2.7E+18	2.7E+18	2.7E+18	2.7E+18	2.6E+18	2.6E+18	2.4E+18	2.0E+18	1.8E+18	1.6E+18	1.3E+18	8.6E+17	6.5E+17	5.0E+17
0.85	4.3E+18	4.3E+18	4.3E+18	4.3E+18	4.3E+18	4.2E+18	4.0E+18	3.4E+18	2.1E+18	1.1E+18	4.9E+17	2.9E+17	1.1E+17	2.6E+16	4.1E+15
1.25	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	9.8E+16	9.4E+16	8.4E+16	7.5E+16	6.0E+16	4.2E+16	2.0E+16	9.3E+15	3.7E+15
1.75	2.7E+16	2.7E+16	2.7E+16	2.7E+16	2.6E+16	2.4E+16	1.8E+16	1.0E+16	5.4E+15	4.4E+15	3.1E+15	1.7E+15	5.1E+14	2.6E+14	1.2E+14
2.25	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.2E+16	2.1E+16	1.8E+16	1.4E+16	9.2E+15	3.8E+15	2.9E+14	4.6E+12	5.1E+9
2.75	1.0E+15	1.0E+15	1.0E+15	9.8E+14	9.6E+14	8.8E+14	6.7E+14	3.6E+14	1.9E+14	1.6E+14	1.1E+14	5.6E+13	7.3E+12	2.4E+11	2.8E+8
3.5	3.8E+13	3.8E+13	3.8E+13	3.8E+13	3.7E+13	3.7E+13	3.4E+13	3.1E+13	2.7E+13	2.2E+13	1.6E+13	8.1E+12	1.1E+12	3.6E+10	4.1E+7
5	1.7E-3	1.7E-3	1.7E-3	1.7E-3	1.7E-3	1.7E-3	1.7E-3	1.7E-3	1.8E-3	1.8E-3	1.9E-3	2.1E-3	2.4E-3	2.6E-3	2.6E-3
7	1.1E-4	1.1E-4	1.1E-4	1.1E-4	1.1E-4	1.1E-4	1.1E-4	1.1E-4	1.2E-4	1.2E-4	1.3E-4	1.4E-4	1.5E-4	1.7E-4	1.7E-4
9.5	7.1E-6	7.1E-6	7.1E-6	7.1E-6	7.1E-6	7.1E-6	7.1E-6	7.2E-6	7.3E-6	7.5E-6	7.9E-6	8.6E-6	9.8E-6	1.1E-5	1.1E-5
	All														
0.01	5.0E+17	5.0E+17	5.0E+17	5.0E+17	5.0E+17	4.9E+17	4.8E+17	4.4E+17	3.6E+17	2.9E+17	2.1E+17	1.2E+17	5.9E+16	4.7E+16	3.9E+16
0.025	1.8E+17	1.8E+17	1.8E+17	1.8E+17	1.8E+17	1.8E+17	1.7E+17	1.4E+17	1.1E+17	8.3E+16	6.1E+16	3.9E+16	1.7E+16	9.5E+15	6.1E+15
0.0375	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.2E+17	5.1E+17	4.9E+17	4.5E+17	3.7E+17	3.0E+17	2.1E+17	1.3E+17	6.4E+16	4.9E+16	3.7E+16
0.0575	9.9E+16	9.9E+16	9.9E+16	9.9E+16	9.9E+16	9.8E+16	9.5E+16	8.9E+16	7.5E+16	6.2E+16	4.5E+16	2.7E+16	1.5E+16	1.4E+16	1.4E+16

0.085	1.3E+17	1.3E+17	1.3E+17	1.3E+17	1.3E+17	1.2E+17	1.2E+17	1.1E+17	9.9E+16	8.0E+16	5.5E+16	2.9E+16	9.4E+15	5.6E+15	3.6E+15
0.125	6.6E+17	6.6E+17	6.6E+17	6.6E+17	6.5E+17	6.4E+17	5.9E+17	4.9E+17	3.4E+17	2.5E+17	1.6E+17	7.6E+16	1.8E+16	9.6E+15	5.0E+15
0.225	7.0E+16	7.0E+16	7.0E+16	7.0E+16	7.0E+16	6.9E+16	6.6E+16	6.1E+16	5.0E+16	4.0E+16	2.8E+16	1.7E+16	7.3E+15	4.9E+15	3.3E+15
0.375	5.7E+16	5.7E+16	5.7E+16	5.7E+16	5.7E+16	5.6E+16	5.3E+16	4.6E+16	3.8E+16	3.2E+16	2.4E+16	1.5E+16	6.2E+15	2.8E+15	1.4E+15
0.575	2.7E+18	2.7E+18	2.7E+18	2.7E+18	2.7E+18	2.6E+18	2.6E+18	2.4E+18	2.0E+18	1.8E+18	1.6E+18	1.3E+18	8.6E+17	6.5E+17	5.0E+17
0.85	4.4E+18	4.4E+18	4.4E+18	4.4E+18	4.4E+18	4.3E+18	4.1E+18	3.4E+18	2.1E+18	1.1E+18	4.9E+17	2.9E+17	1.1E+17	2.6E+16	4.1E+15
1.25	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	1.0E+17	9.8E+16	9.4E+16	8.4E+16	7.5E+16	6.0E+16	4.2E+16	2.0E+16	9.3E+15	3.7E+15
1.75	2.7E+16	2.7E+16	2.7E+16	2.7E+16	2.6E+16	2.4E+16	1.8E+16	1.0E+16	5.4E+15	4.4E+15	3.1E+15	1.7E+15	5.1E+14	2.6E+14	1.2E+14
2.25	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.3E+16	2.2E+16	2.1E+16	1.8E+16	1.4E+16	9.2E+15	3.8E+15	2.9E+14	4.6E+12	1.2E+10
2.75	1.0E+15	1.0E+15	1.0E+15	9.8E+14	9.6E+14	8.8E+14	6.7E+14	3.6E+14	1.9E+14	1.6E+14	1.1E+14	5.6E+13	7.3E+12	3.3E+11	8.8E+10
3.5	3.8E+13	3.8E+13	3.8E+13	3.8E+13	3.7E+13	3.7E+13	3.4E+13	3.1E+13	2.7E+13	2.2E+13	1.6E+13	8.1E+12	1.1E+12	4.1E+10	3.7E+9
5	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.2E+9	4.1E+9	3.9E+9	3.7E+9	3.4E+9	3.1E+9	2.8E+9	2.3E+9	1.6E+9
7	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.9E+8	4.8E+8	4.7E+8	4.5E+8	4.3E+8	3.9E+8	3.6E+8	3.2E+8	2.6E+8	1.8E+8
9.5	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.6E+7	5.5E+7	5.4E+7	5.2E+7	4.9E+7	4.5E+7	4.2E+7	3.7E+7	3.0E+7	2.1E+7
	Total photon/sec														
Activ.	9.6E+16	9.6E+16	9.6E+16	9.5E+16	9.5E+16	9.3E+16	8.8E+16	7.4E+16	4.4E+16	2.1E+16	7.4E+15	3.8E+15	1.6E+15	4.4E+14	3.7E+13
Actin.	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	3.0E+16	2.9E+16	2.8E+16	2.4E+16	2.1E+16	1.7E+16	1.5E+16	1.6E+16	1.8E+16	2.1E+16
FP	9.3E+18	9.3E+18	9.3E+18	9.3E+18	9.3E+18	9.1E+18	8.7E+18	7.7E+18	5.6E+18	4.1E+18	2.9E+18	2.0E+18	1.2E+18	8.1E+17	5.9E+17
All	9.4E+18	9.4E+18	9.4E+18	9.4E+18	9.4E+18	9.2E+18	8.8E+18	7.8E+18	5.7E+18	4.1E+18	2.9E+18	2.1E+18	1.2E+18	8.3E+17	6.1E+17
	Total MeV/sec														
Activ.	7.4E+16	7.4E+16	7.4E+16	7.4E+16	7.3E+16	7.2E+16	6.8E+16	5.6E+16	3.2E+16	1.3E+16	2.7E+15	8.3E+14	3.6E+14	1.1E+14	9.9E+12
Actin.	4.8E+14	4.8E+14	4.8E+14	4.8E+14	4.8E+14	4.8E+14	4.7E+14	4.5E+14	4.2E+14	3.9E+14	3.6E+14	3.6E+14	4.3E+14	5.4E+14	6.9E+14
FP	5.6E+18	5.6E+18	5.6E+18	5.6E+18	5.6E+18	5.5E+18	5.2E+18	4.5E+18	3.2E+18	2.2E+18	1.5E+18	1.1E+18	6.3E+17	4.2E+17	3.0E+17
All	5.7E+18	5.7E+18	5.7E+18	5.7E+18	5.6E+18	5.6E+18	5.3E+18	4.6E+18	3.2E+18	2.2E+18	1.5E+18	1.1E+18	6.3E+17	4.2E+17	3.0E+17

表 70　4 号機使用済燃料プール、長期光子放出率(photon/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	Activation														
0.01	9.1E+11	1.5E+11	1.6E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.2E+11	9.4E+10
0.025	1.4E+13	8.7E+9	7.5E+8	4.7E+8	2.5E+8	2.1E+8	1.9E+8	1.4E+8	8.5E+7	4.0E+7	2.2E+7	2.1E+7	2.0E+7	1.7E+7	1.4E+7
0.0375	3.6E+12	2.2E+9	2.1E+8	1.5E+8	1.0E+8	9.2E+7	8.2E+7	5.8E+7	3.4E+7	1.3E+7	4.2E+6	3.9E+6	3.7E+6	3.2E+6	2.6E+6
0.0575	8.8E+9	1.2E+8	9.2E+7	8.0E+7	7.3E+7	6.8E+7	6.0E+7	4.2E+7	2.3E+7	7.1E+6	4.9E+5	3.0E+5	2.8E+5	2.5E+5	2.0E+5
0.085	4.0E+9	2.9E+7	1.6E+7	1.2E+7	1.1E+7	1.1E+7	9.5E+6	6.6E+6	3.6E+6	1.1E+6	3.7E+4	6.9E+3	6.2E+3	5.1E+3	3.9E+3
0.125	7.6E+10	5.0E+7	3.4E+6	1.1E+6	8.7E+5	8.1E+5	7.2E+5	5.0E+5	2.8E+5	8.6E+4	6.2E+3	3.5E+3	3.2E+3	2.7E+3	2.1E+3
0.225	1.1E+12	5.9E+8	3.5E+6	3.2E+5	4.8E+3	4.6E+3	4.5E+3	4.3E+3	4.0E+3	3.6E+3	3.0E+3	2.6E+3	2.5E+3	2.1E+3	1.7E+3
0.375	6.5E+12	3.5E+9	1.7E+6	1.5E+5	5.1E+2	4.0E+2	4.0E+2	3.9E+2	3.7E+2	3.5E+2	3.1E+2	2.9E+2	2.7E+2	2.4E+2	1.9E+2
0.575	8.4E+12	4.5E+9	9.7E+5	8.5E+4	6.5E+1	3.0E+0	3.0E+0	3.0E+0	3.0E+0	3.0E+0	2.9E+0	2.9E+0	2.7E+0	2.4E+0	1.9E+0
0.85	9.3E+7	2.5E+7	2.3E+7	2.3E+7	2.2E+7	2.2E+7	2.1E+7	1.9E+7	1.6E+7	1.1E+7	4.1E+6	7.4E+5	2.4E+4	8.6E-1	3.3E-8

1.25	1.5E+12	2.9E+10	4.0E+7	1.2E+4	8.9E+0	5.2E−5	1.6E−11	1.1E−13	2.2E−18	2.2E−18	2.2E−18	2.2E−18	2.2E−18	2.2E−18	2.2E−18
1.75	1.1E+5	5.2E+4	1.6E+4	1.4E+3	1.0E+0	5.8E−6	7.8E−13	5.5E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.25	7.9E+6	1.5E+5	2.2E+2	3.3E−1	2.4E−4	1.4E−9	4.6E−20	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
2.75	2.4E+4	4.7E+2	6.6E−1	1.3E−6	2.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
3.5	9.6E−14	4.7E−14	1.7E−14	5.0E−15	2.9E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
7	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
9.5	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Actinide														
0.01	1.1E+16	1.1E+16	9.6E+15	7.5E+15	4.5E+15	2.4E+15	1.1E+15	5.8E+14	3.8E+14	1.9E+14	6.0E+13	3.3E+13	3.0E+13	3.0E+13	2.6E+13
0.025	6.0E+14	7.7E+14	7.7E+14	6.6E+14	4.1E+14	1.8E+14	3.8E+13	1.6E+12	1.3E+12	1.2E+12	1.2E+12	1.3E+12	1.3E+12	1.2E+12	9.9E+11
0.0375	7.3E+13	8.4E+13	8.0E+13	6.8E+13	4.5E+13	2.6E+13	1.3E+13	7.3E+12	4.7E+12	2.0E+12	8.2E+11	1.3E+12	2.4E+12	3.3E+12	3.1E+12
0.0575	8.8E+15	1.1E+16	1.1E+16	9.7E+15	6.0E+15	2.7E+15	5.5E+14	8.1E+12	2.5E+12	1.3E+12	6.2E+11	6.2E+11	7.0E+11	6.4E+11	5.2E+11
0.085	1.6E+14	1.5E+14	1.4E+14	1.4E+14	1.3E+14	1.2E+14	1.1E+14	8.5E+13	5.5E+13	2.5E+13	8.2E+12	8.6E+12	1.1E+13	1.1E+13	1.0E+13
0.125	1.3E+14	1.1E+14	9.8E+13	9.1E+13	8.5E+13	7.9E+13	7.0E+13	5.3E+13	3.4E+13	1.4E+13	1.9E+12	1.3E+12	1.6E+12	1.7E+12	1.6E+12
0.225	9.1E+13	7.3E+13	6.1E+13	5.6E+13	5.4E+13	5.2E+13	4.7E+13	3.6E+13	2.3E+13	9.6E+12	2.6E+12	3.2E+12	4.3E+12	4.3E+12	3.5E+12
0.375	7.0E+12	7.1E+12	7.2E+12	7.5E+12	8.0E+12	8.4E+12	8.4E+12	7.4E+12	6.3E+12	5.4E+12	5.6E+12	6.6E+12	7.7E+12	7.6E+12	6.3E+12
0.575	3.0E+11	3.2E+11	2.9E+11	2.4E+11	1.5E+11	9.2E+10	7.1E+10	1.6E+11	3.6E+11	7.6E+11	1.8E+12	2.8E+12	3.5E+12	2.7E+12	1.8E+12
0.85	2.8E+11	2.3E+11	1.8E+11	1.3E+11	6.2E+10	3.4E+10	2.5E+10	4.7E+10	9.8E+10	2.0E+11	4.5E+11	7.0E+11	8.6E+11	6.7E+11	4.4E+11
1.25	1.1E+11	8.4E+10	6.4E+10	4.5E+10	2.2E+10	1.9E+10	3.1E+10	9.6E+10	2.3E+11	4.8E+11	1.1E+12	1.8E+12	2.2E+12	1.7E+12	1.1E+12
1.75	2.3E+10	1.3E+10	7.1E+9	4.2E+9	3.5E+9	6.2E+9	1.7E+10	7.0E+10	1.8E+11	3.9E+11	9.4E+11	1.5E+12	1.8E+12	1.5E+12	9.7E+11
2.25	7.1E+9	2.4E+9	5.9E+8	2.8E+8	4.7E+8	1.3E+9	4.5E+9	2.1E+10	5.4E+10	1.2E+11	2.8E+11	4.3E+11	5.3E+11	4.1E+11	2.6E+11
2.75	8.8E+10	6.5E+10	3.9E+10	1.5E+10	9.7E+8	1.5E+8	1.9E+8	4.4E+8	9.8E+8	2.1E+9	4.9E+9	7.5E+9	9.2E+9	7.1E+9	4.5E+9
3.5	3.7E+9	1.3E+9	3.0E+8	1.3E+8	1.2E+8	1.1E+8	1.1E+8	1.4E+8	2.3E+8	4.2E+8	9.4E+8	1.4E+9	1.8E+9	1.3E+9	8.4E+8
5	1.6E+9	5.4E+8	1.3E+8	5.5E+7	5.0E+7	4.7E+7	4.3E+7	3.3E+7	2.3E+7	1.4E+7	1.0E+7	9.3E+6	7.8E+6	4.6E+6	2.0E+6
7	1.8E+8	6.2E+7	1.5E+7	6.2E+6	5.7E+6	5.4E+6	4.9E+6	3.8E+6	2.6E+6	1.7E+6	1.2E+6	1.1E+6	9.0E+5	5.3E+5	2.3E+5
9.5	2.1E+7	7.1E+6	1.7E+6	7.1E+5	6.5E+5	6.2E+5	5.6E+5	4.3E+5	3.0E+5	1.9E+5	1.4E+5	1.2E+5	1.0E+5	6.1E+4	2.6E+4
	FP														
0.01	2.8E+16	1.3E+16	4.0E+15	3.7E+14	3.9E+12	3.6E+12	3.5E+12	3.5E+12	3.5E+12	3.5E+12	3.3E+12	3.1E+12	2.8E+12	2.3E+12	1.8E+12
0.025	5.5E+15	2.6E+15	7.7E+14	7.3E+13	2.6E+12	2.5E+12	2.5E+12	2.4E+12	2.3E+12	2.2E+12	1.8E+12	1.4E+12	7.8E+11	2.6E+11	1.8E+11
0.0375	3.7E+16	1.7E+16	5.4E+15	5.4E+14	6.8E+11	1.6E+11	1.6E+11	1.6E+11	1.5E+11	1.5E+11	1.3E+11	1.1E+11	8.9E+10	6.1E+10	5.2E+10
0.0575	5.4E+15	2.4E+15	7.3E+14	6.7E+13	7.2E+11	6.7E+11	6.6E+11	6.5E+11	6.3E+11	5.9E+11	4.8E+11	3.4E+11	1.8E+11	2.8E+10	2.6E+9
0.085	3.4E+15	1.5E+15	4.4E+14	4.3E+13	2.7E+12	2.6E+12	2.6E+12	2.6E+12	2.5E+12	2.3E+12	1.9E+12	1.3E+12	6.7E+11	8.5E+10	3.2E+9
0.125	4.9E+15	1.2E+15	2.9E+14	2.6E+13	4.1E+10	2.2E+10	2.2E+10	2.1E+10	2.1E+10	1.9E+10	1.6E+10	1.2E+10	6.9E+9	1.6E+9	2.4E+8
0.225	3.2E+15	1.4E+15	3.9E+14	3.6E+13	1.5E+11	1.1E+11	1.1E+11	1.0E+11	9.7E+10	9.0E+10	7.3E+10	5.2E+10	2.6E+10	3.5E+9	1.5E+8
0.375	1.4E+15	6.2E+14	1.9E+14	2.2E+13	6.0E+12	5.9E+12	5.9E+12	5.8E+12	5.6E+12	5.2E+12	4.2E+12	3.0E+12	1.5E+12	1.9E+11	5.8E+9
0.575	5.0E+17	2.5E+17	7.8E+16	7.8E+15	2.1E+13	1.3E+13	1.3E+13	1.3E+13	1.2E+13	1.2E+13	9.5E+12	6.7E+12	3.3E+12	4.2E+11	1.3E+10
0.85	4.1E+15	4.1E+14	4.2E+13	4.0E+12	6.9E+11	6.8E+11	6.7E+11	6.5E+11	6.2E+11	5.8E+11	4.7E+11	3.3E+11	1.7E+11	2.1E+10	6.5E+8
1.25	3.7E+15	3.6E+14	2.0E+13	1.5E+12	1.6E+11	1.6E+11	1.6E+11	1.6E+11	1.5E+11	1.4E+11	1.1E+11	8.1E+10	4.1E+10	5.1E+9	1.6E+8
1.75	1.2E+14	1.5E+13	1.8E+12	1.5E+11	1.1E+8	2.3E+6	2.3E+6	2.3E+6	2.2E+6	2.1E+6	1.7E+6	1.2E+6	5.9E+5	7.4E+4	2.3E+3
2.25	5.1E+9	1.3E+9	4.0E+8	3.6E+7	2.6E+4	1.7E−1	2.4E−2	2.4E−2	2.4E−2	2.4E−2	2.4E−2	2.4E−2	2.4E−2	2.4E−2	2.4E−2

2.75	2.8E+8	4.2E-1	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2	1.2E-2
3.5	4.1E+7	6.9E-2	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3	8.8E-3
5	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3	2.6E-3
7	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4	1.7E-4
9.5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5	1.1E-5
	All														
0.01	3.9E+16	2.4E+16	1.4E+16	7.9E+15	4.5E+15	2.4E+15	1.1E+15	5.8E+14	3.9E+14	2.0E+14	6.3E+13	3.6E+13	3.3E+13	3.2E+13	2.8E+13
0.025	6.1E+15	3.3E+15	1.5E+15	7.4E+14	4.1E+14	1.9E+14	4.1E+13	4.0E+12	3.6E+12	3.4E+12	3.1E+12	2.6E+12	2.0E+12	1.4E+12	1.2E+12
0.0375	3.7E+16	1.8E+16	5.5E+15	6.1E+14	4.5E+13	2.6E+13	1.3E+13	7.5E+12	4.8E+12	2.2E+12	9.5E+11	1.5E+12	2.4E+12	3.3E+12	3.2E+12
0.0575	1.4E+16	1.4E+16	1.2E+16	9.8E+15	6.0E+15	2.7E+15	5.5E+14	8.8E+12	3.2E+12	1.9E+12	1.1E+12	9.6E+11	8.8E+11	6.7E+11	5.2E+11
0.085	3.6E+15	1.6E+15	5.9E+14	1.8E+14	1.3E+14	1.3E+14	1.1E+14	8.8E+13	5.8E+13	2.8E+13	1.0E+13	9.9E+12	1.1E+13	1.2E+13	1.0E+13
0.125	5.0E+15	1.3E+15	3.9E+14	1.2E+14	8.5E+13	7.9E+13	7.1E+13	5.3E+13	3.4E+13	1.4E+13	2.0E+12	1.3E+12	1.6E+12	1.7E+12	1.6E+12
0.225	3.3E+15	1.4E+15	4.6E+14	9.2E+13	5.4E+13	5.2E+13	4.7E+13	3.6E+13	2.3E+13	9.7E+12	2.7E+12	3.3E+12	4.3E+12	4.3E+12	3.5E+12
0.375	1.4E+15	6.2E+14	1.9E+14	3.0E+13	1.4E+13	1.4E+13	1.4E+13	1.3E+13	1.2E+13	1.1E+13	9.8E+12	9.6E+12	9.2E+12	7.8E+12	6.4E+12
0.575	5.0E+17	2.5E+17	7.8E+16	7.8E+15	2.1E+13	1.3E+13	1.3E+13	1.3E+13	1.3E+13	1.2E+13	1.1E+13	9.5E+12	6.8E+12	3.2E+12	1.8E+12
0.85	4.1E+15	4.1E+14	4.2E+13	4.1E+12	7.5E+11	7.1E+11	6.9E+11	7.0E+11	7.2E+11	7.8E+11	9.3E+11	1.0E+12	1.0E+12	6.9E+11	4.4E+11
1.25	3.7E+15	3.6E+14	2.1E+13	1.5E+12	1.9E+11	1.8E+11	1.9E+11	2.5E+11	3.8E+11	6.2E+11	1.3E+12	1.8E+12	2.2E+12	1.7E+12	1.1E+12
1.75	1.2E+14	1.5E+13	1.8E+12	1.5E+11	3.6E+9	6.2E+9	1.7E+10	7.0E+10	1.8E+11	3.9E+11	9.4E+11	1.5E+12	1.8E+12	1.5E+12	9.7E+11
2.25	1.2E+10	3.8E+9	9.8E+8	3.2E+8	4.7E+8	1.3E+9	4.5E+9	2.1E+10	5.4E+10	1.2E+11	2.8E+11	4.3E+11	5.3E+11	4.1E+11	2.6E+11
2.75	8.8E+10	6.5E+10	3.9E+10	1.5E+10	9.7E+8	1.5E+8	1.9E+8	4.4E+8	9.8E+8	2.1E+9	4.9E+9	7.5E+9	9.2E+9	7.1E+9	4.5E+9
3.5	3.7E+9	1.3E+9	3.0E+8	1.3E+8	1.2E+8	1.1E+8	1.1E+8	1.4E+8	2.3E+8	4.2E+8	9.4E+8	1.4E+9	1.8E+9	1.3E+9	8.4E+8
5	1.6E+9	5.4E+8	1.3E+8	5.5E+7	5.0E+7	4.7E+7	4.3E+7	3.3E+7	2.3E+7	1.4E+7	1.0E+7	9.3E+6	7.8E+6	4.6E+6	2.0E+6
7	1.8E+8	6.2E+7	1.5E+7	6.2E+6	5.7E+6	5.4E+6	4.9E+6	3.8E+6	2.6E+6	1.7E+6	1.2E+6	1.1E+6	9.0E+5	5.3E+5	2.3E+5
9.5	2.1E+7	7.1E+6	1.7E+6	7.1E+5	6.5E+5	6.2E+5	5.6E+5	4.3E+5	3.0E+5	1.9E+5	1.4E+5	1.2E+5	1.0E+5	6.1E+4	2.6E+4
	Total photon/sec														
Activ.	3.7E+13	2.0E+11	1.6E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.5E+11	1.4E+11	1.4E+11	1.2E+11	9.4E+10
Actin.	2.1E+16	2.3E+16	2.2E+16	1.8E+16	1.1E+16	5.6E+15	1.9E+15	7.8E+14	5.1E+14	2.5E+14	8.5E+13	6.3E+13	6.7E+13	6.7E+13	5.7E+13
FP	5.9E+17	2.9E+17	9.1E+16	9.0E+15	3.9E+13	3.0E+13	3.0E+13	2.9E+13	2.8E+13	2.6E+13	2.2E+13	1.6E+13	9.6E+12	3.3E+12	2.0E+12
All	6.1E+17	3.1E+17	1.1E+17	2.7E+16	1.1E+16	5.6E+15	1.9E+15	8.1E+14	5.4E+14	2.8E+14	1.1E+14	8.0E+13	7.7E+13	7.0E+13	5.9E+13
	Total MeV/sec														
Activ.	9.9E+12	4.2E+10	1.7E+9	1.6E+9	1.5E+9	1.5E+9	1.5E+9	1.5E+9	1.5E+9	1.5E+9	1.5E+9	1.4E+9	1.4E+9	1.2E+9	9.4E+8
Actin.	6.9E+14	8.3E+14	8.1E+14	6.9E+14	4.4E+14	2.2E+14	7.6E+13	3.2E+13	2.2E+13	1.2E+13	9.5E+12	1.3E+13	1.5E+13	1.3E+13	9.7E+12
FP	3.0E+17	1.5E+17	4.6E+16	4.6E+15	1.6E+13	1.1E+13	1.1E+13	1.1E+13	1.0E+13	9.7E+12	7.9E+12	5.6E+12	2.8E+12	3.8E+11	3.5E+10
All	3.0E+17	1.5E+17	4.6E+16	5.2E+15	4.6E+14	2.3E+14	8.7E+13	4.2E+13	3.2E+13	2.2E+13	1.7E+13	1.8E+13	1.8E+13	1.4E+13	9.7E+12

3.5　中性子放出率

表 71　1 号機炉心、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3
Pu238	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.3E+8	1.3E+8	1.3E+8	1.3E+8	1.2E+8	1.1E+8
Pu239	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7
Pu240	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7
Am241	1.5E+7	1.5E+7	1.5E+7	1.5E+7	1.5E+7	1.5E+7	1.5E+7	1.5E+7	1.7E+7	1.9E+7	2.4E+7	3.2E+7	5.6E+7	8.7E+7	1.3E+8
Am243	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5	5.8E+5
Cm242	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.1E+9	2.9E+9	2.2E+9	1.5E+9	6.9E+8	1.5E+8	2.1E+6	6.6E+5	6.3E+5
Cm243	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	9.9E+5	9.9E+5	9.7E+5	9.5E+5	8.8E+5	7.8E+5	6.1E+5
Cm244	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.3E+7	8.2E+7	8.0E+7	7.7E+7	6.9E+7	5.7E+7	3.9E+7
	Spontaneous fission														
U238	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5
Pu238	1.9E+7	1.9E+7	1.9E+7	1.9E+7	1.9E+7	1.9E+7	2.0E+7	2.0E+7	2.0E+7	2.0E+7	2.1E+7	2.1E+7	2.1E+7	2.0E+7	1.8E+7
Pu240	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7	9.6E+7
Pu242	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7
Cm242	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.5E+10	1.4E+10	1.1E+10	7.4E+9	3.3E+9	7.1E+8	1.0E+7	3.2E+6	3.1E+6
Cm244	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	9.9E+9	9.7E+9	9.3E+9	8.3E+9	6.9E+9	4.7E+9
Cm246	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.4E+9	3.1E+9	2.5E+9	1.8E+9	9.6E+8	4.2E+8	2.9E+8	3.0E+8	3.2E+8
Spon.	2.6E+10	2.6E+10	2.6E+10	2.6E+10	2.6E+10	2.6E+10	2.5E+10	2.4E+10	2.1E+10	1.7E+10	1.3E+10	1.0E+10	8.5E+9	7.1E+9	4.9E+9
All	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.7E+10	2.3E+10	1.9E+10	1.4E+10	1.1E+10	8.8E+9	7.4E+9	5.2E+9

表 72　1 号機炉心、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3	6.9E+3
Pu238	1.1E+8	8.9E+7	6.0E+7	2.7E+7	2.6E+6	6.0E+4	7.7E+1	1.5E-4	1.8E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.3E+7	1.2E+7	1.1E+7	7.9E+6	3.4E+6	7.9E+5	4.5E+4	7.9E+0	3.0E-3
Pu240	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.7E+7	1.6E+7	1.5E+7	1.1E+7	6.3E+6	2.2E+6	9.1E+4	4.6E+2	2.0E-2	9.0E-3	8.9E-3

Am241	1.3E+8	1.8E+8	1.8E+8	1.6E+8	9.6E+7	4.3E+7	8.7E+6	7.6E+4	3.6E+3	1.6E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	5.8E+5	5.8E+5	5.8E+5	5.7E+5	5.6E+5	5.3E+5	4.8E+5	3.6E+5	2.3E+5	8.9E+4	4.8E+3	4.4E+1	7.3E-3	3.6E-3	3.5E-3
Cm242	6.3E+5	5.5E+5	4.4E+5	2.8E+5	7.1E+4	7.2E+3	7.6E+1	8.7E-5	1.1E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	6.1E+5	3.0E+5	8.8E+4	7.7E+3	5.2E+0	2.7E-5	7.5E-16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	3.9E+7	1.2E+7	1.8E+6	4.0E+4	4.1E-1	2.0E-9	4.7E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5	8.3E+5
Pu238	1.8E+7	1.4E+7	9.7E+6	4.4E+6	4.3E+5	9.9E+3	1.2E+1	2.4E-5	3.0E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	9.6E+7	9.6E+7	9.6E+7	9.5E+7	9.2E+7	8.7E+7	7.8E+7	5.7E+7	3.3E+7	1.2E+7	4.8E+5	2.4E+3	1.1E-1	4.7E-2	4.7E-2
Pu242	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.4E+7	3.3E+7	3.3E+7	3.1E+7	2.8E+7	2.4E+7	1.4E+7	5.7E+6
Cm242	3.1E+6	2.7E+6	2.1E+6	1.4E+6	3.4E+5	3.5E+4	3.7E+2	4.2E-4	5.3E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	4.7E+9	1.5E+9	2.2E+8	4.8E+6	4.9E+1	2.4E-7	5.7E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	4.0E+7	4.0E+7	3.9E+7	3.9E+7	3.7E+7	3.4E+7	3.0E+7	1.9E+7	9.2E+6	2.1E+6	1.3E+4	8.7E+0	3.8E-6	1.2E-13	2.6E-22
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	3.2E+8	3.1E+8	2.8E+8	2.2E+8	1.3E+8	7.4E+7	3.7E+7	2.3E+7	1.7E+7	1.0E+7	3.8E+6	1.3E+6	7.0E+5	7.2E+5	6.4E+5
Spon.	4.9E+9	1.7E+9	4.0E+8	1.8E+8	1.6E+8	1.6E+8	1.4E+8	1.1E+8	7.7E+7	4.7E+7	3.3E+7	2.9E+7	2.5E+7	1.5E+7	6.5E+6
All	5.2E+9	2.0E+9	6.8E+8	3.9E+8	2.9E+8	2.3E+8	1.8E+8	1.3E+8	9.4E+7	5.8E+7	3.6E+7	3.1E+7	2.5E+7	1.5E+7	7.2E+6

表 73　2 号機炉心、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3
Pu238	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.3E+8	1.3E+8	1.3E+8	1.2E+8	1.1E+8
Pu239	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.8E+7
Pu240	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7
Am241	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.2E+7	1.2E+7	1.4E+7	1.7E+7	2.3E+7	3.4E+7	6.3E+7	1.0E+8	1.6E+8
Am243	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.7E+5	6.9E+5	6.8E+5	6.8E+5
Cm242	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.2E+9	3.1E+9	2.9E+9	2.2E+9	1.5E+9	6.9E+8	1.5E+8	1.9E+6	5.0E+5	4.8E+5
Cm243	9.0E+5	9.0E+5	9.0E+5	9.0E+5	9.0E+5	9.0E+5	9.0E+5	9.0E+5	8.9E+5	8.9E+5	8.8E+5	8.5E+5	7.9E+5	7.0E+5	5.5E+5
Cm244	9.9E+7	9.9E+7	9.9E+7	9.9E+7	9.9E+7	9.9E+7	9.9E+7	9.9E+7	9.8E+7	9.7E+7	9.5E+7	9.2E+7	8.2E+7	6.8E+7	4.6E+7
	Spontaneous fission														
U238	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6
Pu238	1.9E+7	1.9E+7	1.9E+7	1.9E+7	1.9E+7	1.9E+7	1.9E+7	2.0E+7	2.0E+7	2.0E+7	2.1E+7	2.1E+7	2.0E+7	2.0E+7	1.8E+7
Pu240	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8
Pu242	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7
Cm242	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.5E+10	1.4E+10	1.1E+10	7.4E+9	3.4E+9	7.1E+8	9.3E+6	2.4E+6	2.3E+6
Cm244	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.2E+10	1.1E+10	1.1E+10	9.9E+9	8.1E+9	5.6E+9

Cm246	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.5E+9	3.4E+9	3.1E+9	2.5E+9	1.8E+9	9.8E+8	4.4E+8	3.1E+8	3.3E+8	3.6E+8
Spon.	2.8E+10	2.8E+10	2.8E+10	2.8E+10	2.8E+10	2.8E+10	2.7E+10	2.6E+10	2.3E+10	1.9E+10	1.5E+10	1.2E+10	1.0E+10	8.4E+9	5.8E+9
All	3.1E+10	3.1E+10	3.1E+10	3.1E+10	3.1E+10	3.1E+10	3.1E+10	2.9E+10	2.5E+10	2.1E+10	1.6E+10	1.2E+10	1.0E+10	8.7E+9	6.1E+9

表 74　2 号機炉心、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3
Pu238	1.1E+8	8.8E+7	5.9E+7	2.7E+7	2.6E+6	5.7E+4	6.2E+1	1.1E−4	1.4E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	1.8E+7	1.8E+7	1.8E+7	1.8E+7	1.7E+7	1.7E+7	1.7E+7	1.5E+7	1.3E+7	1.0E+7	4.2E+6	1.0E+6	5.6E+4	9.9E+0	3.5E−3
Pu240	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.0E+7	1.9E+7	1.7E+7	1.3E+7	7.4E+6	2.6E+6	1.1E+5	5.3E+2	2.5E−2	1.2E−2	1.2E−2
Am241	1.6E+8	2.2E+8	2.2E+8	1.9E+8	1.2E+8	5.3E+7	1.1E+7	9.3E+4	4.2E+3	1.8E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	6.8E+5	6.8E+5	6.8E+5	6.7E+5	6.5E+5	6.2E+5	5.7E+5	4.3E+5	2.7E+5	1.0E+5	5.3E+3	4.8E+1	8.2E−3	4.1E−3	4.0E−3
Cm242	4.8E+5	4.2E+5	3.3E+5	2.1E+5	5.4E+4	5.5E+3	5.7E+1	6.6E−5	8.2E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	5.5E+5	2.7E+5	7.9E+4	6.9E+3	4.7E+0	2.5E−5	6.7E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	4.6E+7	1.5E+7	2.2E+6	4.7E+4	4.8E−1	2.4E−9	5.6E−26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6
Pu238	1.8E+7	1.4E+7	9.7E+6	4.4E+6	4.2E+5	9.3E+3	1.0E+1	1.8E−5	2.3E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.0E+8	9.1E+7	6.6E+7	3.9E+7	1.4E+7	5.6E+5	2.8E+3	1.3E−1	6.3E−2	6.2E−2
Pu242	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.1E+7	4.0E+7	4.0E+7	3.9E+7	3.7E+7	3.4E+7	2.8E+7	1.7E+7	6.8E+6
Cm242	2.3E+6	2.0E+6	1.6E+6	1.0E+6	2.6E+5	2.7E+4	2.8E+2	3.2E−4	4.0E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	5.6E+9	1.8E+9	2.6E+8	5.7E+6	5.8E+1	2.8E−7	6.8E−24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	4.6E+7	4.6E+7	4.6E+7	4.5E+7	4.3E+7	4.0E+7	3.4E+7	2.2E+7	1.1E+7	2.5E+6	1.9E+4	1.2E+1	5.4E−6	2.8E−13	6.2E−22
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	3.6E+8	3.6E+8	3.2E+8	2.6E+8	1.6E+8	9.0E+7	4.5E+7	2.9E+7	2.1E+7	1.3E+7	4.7E+6	1.6E+6	8.2E+5	8.8E+5	8.0E+5
Spon.	5.8E+9	2.0E+9	4.7E+8	2.1E+8	1.9E+8	1.8E+8	1.7E+8	1.3E+8	9.1E+7	5.7E+7	3.9E+7	3.5E+7	3.0E+7	1.8E+7	7.9E+6
All	6.1E+9	2.3E+9	7.9E+8	4.7E+8	3.5E+8	2.7E+8	2.1E+8	1.6E+8	1.1E+8	7.0E+7	4.4E+7	3.7E+7	3.1E+7	1.9E+7	8.7E+6

表 75　3 号機炉心、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3
Pu238	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.4E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.3E+8
Pu239	2.0E+7	2.0E+7	2.0E+7	2.0E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7
Pu240	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7	2.8E+7
Am241	1.4E+7	1.4E+7	1.4E+7	1.4E+7	1.5E+7	1.5E+7	1.5E+7	1.6E+7	1.8E+7	2.1E+7	2.7E+7	3.9E+7	7.2E+7	1.2E+8	1.8E+8
Am243	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	5.7E+5	6.6E+5	6.6E+5	6.6E+5
Cm242	3.8E+9	3.8E+9	3.8E+9	3.8E+9	3.8E+9	3.7E+9	3.6E+9	3.3E+9	2.6E+9	1.8E+9	8.0E+8	1.7E+8	2.3E+6	6.4E+5	6.1E+5
Cm243	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.2E+5	8.1E+5	8.0E+5	7.8E+5	7.3E+5	6.4E+5	5.1E+5
Cm244	8.4E+7	8.4E+7	8.4E+7	8.4E+7	8.4E+7	8.4E+7	8.3E+7	8.3E+7	8.3E+7	8.2E+7	8.0E+7	7.7E+7	6.9E+7	5.7E+7	3.9E+7
	Spontaneous fission														
U238	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6
Pu238	2.3E+7	2.3E+7	2.3E+7	2.3E+7	2.3E+7	2.3E+7	2.3E+7	2.4E+7	2.4E+7	2.4E+7	2.5E+7	2.5E+7	2.5E+7	2.4E+7	2.2E+7
Pu240	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8	1.5E+8
Pu242	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7
Cm242	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.8E+10	1.6E+10	1.3E+10	8.6E+9	3.9E+9	8.3E+8	1.1E+7	3.1E+6	3.0E+6
Cm244	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	1.0E+10	9.9E+9	9.7E+9	9.3E+9	8.3E+9	6.9E+9	4.7E+9
Cm246	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7	3.5E+7
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	4.1E+9	4.1E+9	4.1E+9	4.1E+9	4.1E+9	4.0E+9	3.9E+9	3.6E+9	2.9E+9	2.1E+9	1.1E+9	4.9E+8	3.4E+8	3.7E+8	4.0E+8
Spon.	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.9E+10	2.8E+10	2.8E+10	2.6E+10	2.3E+10	1.9E+10	1.4E+10	1.0E+10	8.6E+9	7.1E+9	4.9E+9
All	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.3E+10	3.2E+10	3.0E+10	2.6E+10	2.1E+10	1.5E+10	1.1E+10	8.9E+9	7.5E+9	5.3E+9

表 76　3 号機炉心、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3	9.4E+3
Pu238	1.3E+8	1.1E+8	7.1E+7	3.3E+7	3.1E+6	7.0E+4	7.8E+1	1.4E−4	1.8E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.0E+7	2.0E+7	2.0E+7	1.8E+7	1.6E+7	1.2E+7	5.0E+6	1.2E+6	6.6E+4	1.2E+1	2.6E−3
Pu240	2.8E+7	2.8E+7	2.8E+7	2.7E+7	2.7E+7	2.5E+7	2.3E+7	1.6E+7	9.7E+6	3.4E+6	1.4E+5	7.0E+2	2.8E−2	1.0E−2	1.0E−2
Am241	1.8E+8	2.5E+8	2.5E+8	2.1E+8	1.3E+8	6.0E+7	1.2E+7	1.0E+5	3.4E+3	1.5E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	6.6E+5	6.5E+5	6.5E+5	6.4E+5	6.3E+5	6.0E+5	5.4E+5	4.1E+5	2.6E+5	1.0E+5	3.8E+3	3.5E+1	5.8E−3	2.8E−3	2.7E−3
Cm242	6.1E+5	5.3E+5	4.2E+5	2.7E+5	6.8E+4	7.0E+3	7.3E+1	8.4E−5	1.1E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	5.1E+5	2.4E+5	7.2E+4	6.3E+3	4.3E+0	2.3E−5	6.2E−16	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Cm244	3.9E+7	1.2E+7	1.8E+6	4.0E+4	4.1E−1	2.0E−9	4.8E−26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6	1.1E+6
Pu238	2.2E+7	1.7E+7	1.2E+7	5.3E+6	5.1E+5	1.1E+4	1.3E+1	2.3E−5	2.9E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	1.5E+8	1.5E+8	1.5E+8	1.4E+8	1.4E+8	1.3E+8	1.2E+8	8.7E+7	5.1E+7	1.8E+7	7.4E+5	3.7E+3	1.5E−1	5.5E−2	5.5E−2
Pu242	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.6E+7	4.6E+7	4.3E+7	3.9E+7	3.3E+7	1.9E+7	7.9E+6
Cm242	3.0E+6	2.6E+6	2.1E+6	1.3E+6	3.3E+5	3.4E+4	3.6E+2	4.1E−4	5.1E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	4.7E+9	1.5E+9	2.2E+8	4.8E+6	4.9E+1	2.4E−7	5.7E−24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	3.5E+7	3.5E+7	3.5E+7	3.4E+7	3.3E+7	3.0E+7	2.6E+7	1.7E+7	8.1E+6	1.9E+6	8.4E+3	5.6E+0	2.4E−6	1.3E−13	2.9E−22
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	4.0E+8	4.2E+8	3.7E+8	3.0E+8	1.8E+8	1.1E+8	5.5E+7	3.5E+7	2.6E+7	1.5E+7	5.5E+6	1.8E+6	9.3E+5	9.6E+5	8.5E+5
Spon.	4.9E+9	1.7E+9	4.6E+8	2.4E+8	2.2E+8	2.1E+8	1.9E+8	1.5E+8	1.1E+8	6.6E+7	4.5E+7	4.1E+7	3.4E+7	2.0E+7	9.0E+6
All	5.3E+9	2.2E+9	8.3E+8	5.3E+8	4.1E+8	3.2E+8	2.5E+8	1.9E+8	1.3E+8	8.2E+7	5.1E+7	4.3E+7	3.5E+7	2.1E+7	9.9E+6

表 77　1 号機使用済燃料プール、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3
Pu238	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.7E+8	1.6E+8	1.6E+8	1.5E+8	1.4E+8
Pu239	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7
Pu240	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7	1.7E+7
Am241	4.8E+7	4.8E+7	4.8E+7	4.8E+7	4.8E+7	4.8E+7	4.8E+7	4.9E+7	5.0E+7	5.2E+7	5.5E+7	6.2E+7	8.1E+7	1.1E+8	1.4E+8
Am243	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.8E+5	7.9E+5	7.8E+5	7.8E+5
Cm242	3.8E+8	3.8E+8	3.8E+8	3.8E+8	3.8E+8	3.7E+8	3.6E+8	3.3E+8	2.6E+8	1.8E+8	8.1E+7	1.8E+7	9.2E+5	7.4E+5	7.1E+5
Cm243	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.8E+6	1.7E+6	1.7E+6	1.6E+6	1.4E+6	1.1E+6
Cm244	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	1.1E+8	9.5E+7	7.9E+7	5.4E+7
	Spontaneous fission														
U238	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5
Pu238	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.7E+7	2.6E+7	2.5E+7	2.3E+7
Pu240	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7	8.8E+7
Pu242	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7
Cm242	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.6E+9	1.3E+9	8.6E+8	3.9E+8	8.6E+7	4.5E+6	3.6E+6	3.5E+6
Cm244	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.4E+10	1.3E+10	1.3E+10	1.1E+10	9.5E+9	6.4E+9
Cm246	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7	7.0E+7
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	7.4E+8	7.4E+8	7.4E+8	7.4E+8	7.4E+8	7.3E+8	7.2E+8	6.9E+8	6.2E+8	5.4E+8	4.4E+8	3.8E+8	3.7E+8	3.7E+8	3.7E+8

Spon.	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.6E+10	1.5E+10	1.5E+10	1.4E+10	1.3E+10	1.2E+10	9.7E+9	6.7E+9
All	1.7E+10	1.7E+10	1.7E+10	1.7E+10	1.7E+10	1.7E+10	1.7E+10	1.6E+10	1.6E+10	1.5E+10	1.4E+10	1.4E+10	1.2E+10	1.0E+10	7.0E+9

表 78　1 号機使用済燃料プール、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3	5.0E+3
Pu238	1.4E+8	1.1E+8	7.6E+7	3.5E+7	3.3E+6	7.5E+4	8.9E+1	1.7E-4	2.1E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.1E+7	1.0E+7	9.7E+6	8.4E+6	6.3E+6	2.7E+6	6.4E+5	3.6E+4	6.3E+0	5.6E-3
Pu240	1.7E+7	1.7E+7	1.7E+7	1.6E+7	1.6E+7	1.5E+7	1.4E+7	9.9E+6	5.8E+6	2.0E+6	8.4E+4	4.2E+2	2.4E-2	1.4E-2	1.4E-2
Am241	1.4E+8	1.8E+8	1.8E+8	1.5E+8	9.4E+7	4.2E+7	8.5E+6	7.8E+4	5.8E+3	2.5E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	7.8E+5	7.8E+5	7.8E+5	7.7E+5	7.5E+5	7.2E+5	6.5E+5	4.9E+5	3.1E+5	1.2E+5	7.2E+3	6.5E+1	1.2E-2	6.8E-3	6.6E-3
Cm242	7.1E+5	6.2E+5	4.9E+5	3.1E+5	7.9E+4	8.1E+3	8.5E+1	9.7E-5	1.2E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.1E+6	5.3E+5	1.6E+5	1.4E+4	9.3E+0	4.9E-5	1.3E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	5.4E+7	1.7E+7	2.5E+6	5.5E+4	5.6E-1	2.7E-9	6.5E-26	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5	6.0E+5
Pu238	2.3E+7	1.8E+7	1.2E+7	5.7E+6	5.4E+5	1.2E+4	1.5E+1	2.7E-5	3.4E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	8.8E+7	8.8E+7	8.8E+7	8.7E+7	8.4E+7	8.0E+7	7.2E+7	5.2E+7	3.1E+7	1.1E+7	4.4E+5	2.2E+3	1.3E-1	7.4E-2	7.4E-2
Pu242	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	3.9E+7	3.9E+7	3.7E+7	3.4E+7	2.8E+7	1.6E+7	6.7E+6
Cm242	3.5E+6	3.0E+6	2.4E+6	1.5E+6	3.9E+5	4.0E+4	4.2E+2	4.8E-4	6.0E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	6.4E+9	2.0E+9	3.0E+8	6.6E+6	6.8E+1	3.3E-7	7.9E-24	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	7.0E+7	6.9E+7	6.9E+7	6.8E+7	6.5E+7	6.0E+7	5.2E+7	3.4E+7	1.6E+7	3.7E+6	4.5E+4	2.9E+1	1.3E-5	6.1E-13	1.4E-21
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	3.7E+8	3.4E+8	2.9E+8	2.2E+8	1.3E+8	6.9E+7	3.3E+7	2.0E+7	1.5E+7	8.7E+6	3.2E+6	1.2E+6	7.3E+5	7.2E+5	5.9E+5
Spon.	6.7E+9	2.3E+9	5.1E+8	2.1E+8	1.9E+8	1.8E+8	1.6E+8	1.3E+8	8.7E+7	5.4E+7	3.8E+7	3.4E+7	2.9E+7	1.7E+7	7.3E+6
All	7.0E+9	2.6E+9	8.0E+8	4.3E+8	3.2E+8	2.5E+8	2.0E+8	1.5E+8	1.0E+8	6.3E+7	4.1E+7	3.6E+7	3.0E+7	1.8E+7	7.9E+6

表 79　2 号機使用済燃料プール、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3
Pu238	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.1E+8	3.9E+8	3.6E+8
Pu239	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.4E+7

Pu240	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7	4.0E+7
Am241	1.0E+8	1.0E+8	1.0E+8	1.0E+8	1.0E+8	1.0E+8	1.0E+8	1.0E+8	1.1E+8	1.1E+8	1.2E+8	1.4E+8	1.9E+8	2.6E+8	3.6E+8
Am243	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6	2.6E+6
Cm242	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.3E+9	1.2E+9	1.2E+9	1.1E+9	8.6E+8	5.9E+8	2.7E+8	5.8E+7	1.9E+6	1.4E+6	1.3E+6
Cm243	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.8E+6	3.8E+6	3.8E+6	3.8E+6	3.7E+6	3.4E+6	3.0E+6	2.4E+6
Cm244	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.2E+8	4.1E+8	4.0E+8	3.9E+8	3.5E+8	2.9E+8	1.9E+8
	Spontaneous fission														
U238	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6
Pu238	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.8E+7	6.6E+7	6.4E+7	5.9E+7
Pu240	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.1E+8
Pu242	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8
Cm242	6.1E+9	6.1E+9	6.1E+9	6.1E+9	6.1E+9	6.0E+9	5.9E+9	5.4E+9	4.2E+9	2.8E+9	1.3E+9	2.8E+8	9.4E+6	6.6E+6	6.3E+6
Cm244	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	5.0E+10	4.9E+10	4.7E+10	4.2E+10	3.4E+10	2.3E+10
Cm246	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8	3.0E+8
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	2.3E+9	2.3E+9	2.3E+9	2.3E+9	2.3E+9	2.3E+9	2.2E+9	2.1E+9	1.9E+9	1.6E+9	1.3E+9	1.1E+9	1.0E+9	1.0E+9	9.9E+8
Spon.	5.7E+10	5.7E+10	5.7E+10	5.7E+10	5.7E+10	5.7E+10	5.7E+10	5.6E+10	5.5E+10	5.3E+10	5.1E+10	4.8E+10	4.2E+10	3.5E+10	2.4E+10
All	6.0E+10	6.0E+10	6.0E+10	6.0E+10	6.0E+10	5.9E+10	5.9E+10	5.9E+10	5.7E+10	5.5E+10	5.2E+10	4.9E+10	4.3E+10	3.6E+10	2.5E+10

表 80　2 号機使用済燃料プール、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3	9.9E+3
Pu238	3.6E+8	2.8E+8	1.9E+8	8.8E+7	8.3E+6	1.8E+5	1.8E+2	3.0E−4	3.8E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	2.4E+7	2.4E+7	2.4E+7	2.4E+7	2.3E+7	2.3E+7	2.3E+7	2.1E+7	1.8E+7	1.4E+7	5.9E+6	1.4E+6	7.8E+4	1.4E+1	2.7E−2
Pu240	4.0E+7	4.1E+7	4.0E+7	4.0E+7	3.9E+7	3.7E+7	3.3E+7	2.4E+7	1.4E+7	4.9E+6	2.0E+5	1.0E+3	7.8E−2	5.3E−2	5.2E−2
Am241	3.6E+8	4.7E+8	4.6E+8	4.0E+8	2.5E+8	1.1E+8	2.2E+7	2.2E+5	2.2E+4	9.9E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	2.6E+6	2.6E+6	2.6E+6	2.5E+6	2.5E+6	2.4E+6	2.1E+6	1.6E+6	1.0E+6	3.9E+5	2.4E+4	2.2E+2	5.0E−2	3.2E−2	3.1E−2
Cm242	1.3E+6	1.1E+6	9.0E+5	5.7E+5	1.5E+5	1.5E+4	1.6E+2	1.8E−4	2.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	2.4E+6	1.1E+6	3.4E+5	3.0E+4	2.0E+1	1.1E−4	2.9E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.9E+8	6.2E+7	9.1E+6	2.0E+5	2.0E+0	1.0E−8	2.4E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6	1.2E+6
Pu238	5.9E+7	4.6E+7	3.1E+7	1.4E+7	1.4E+6	3.0E+4	2.9E+1	4.9E−5	6.2E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	2.1E+8	2.1E+8	2.1E+8	2.1E+8	2.0E+8	1.9E+8	1.7E+8	1.3E+8	7.5E+7	2.6E+7	1.1E+6	5.4E+3	4.1E−1	2.8E−1	2.8E−1
Pu242	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.2E+8	1.1E+8	1.0E+8	8.5E+7	5.0E+7	2.0E+7
Cm242	6.3E+6	5.5E+6	4.4E+6	2.8E+6	7.1E+5	7.2E+4	7.6E+2	8.7E−4	1.1E−13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

Cm244	2.3E+10	7.4E+9	1.1E+9	2.4E+7	2.5E+2	1.2E-6	2.9E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	3.0E+8	3.0E+8	3.0E+8	2.9E+8	2.8E+8	2.6E+8	2.3E+8	1.5E+8	7.0E+7	1.6E+7	1.9E+5	1.3E+2	5.6E-5	4.1E-12	9.2E-21
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	9.9E+8	8.8E+8	7.3E+8	5.5E+8	3.2E+8	1.7E+8	8.1E+7	4.7E+7	3.4E+7	2.0E+7	7.1E+6	2.7E+6	1.8E+6	1.8E+6	1.5E+6
Spon.	2.4E+10	8.1E+9	1.8E+9	6.7E+8	6.1E+8	5.8E+8	5.2E+8	4.0E+8	2.7E+8	1.6E+8	1.2E+8	1.0E+8	8.7E+7	5.1E+7	2.2E+7
All	2.5E+10	9.0E+9	2.5E+9	1.2E+9	9.3E+8	7.5E+8	6.0E+8	4.4E+8	3.0E+8	1.8E+8	1.2E+8	1.1E+8	8.9E+7	5.3E+7	2.3E+7

表 81　3 号機使用済燃料プール、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3
Pu238	3.1E+8	3.1E+8	3.1E+8	3.1E+8	3.1E+8	3.1E+8	3.1E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.1E+8	3.1E+8	2.9E+8	2.7E+8
Pu239	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.1E+7
Pu240	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.7E+7
Am241	7.7E+7	7.7E+7	7.7E+7	7.7E+7	7.7E+7	7.7E+7	7.7E+7	7.8E+7	8.1E+7	8.5E+7	9.3E+7	1.1E+8	1.5E+8	2.1E+8	2.9E+8
Am243	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6	2.0E+6
Cm242	1.0E+9	1.0E+9	1.0E+9	1.0E+9	1.0E+9	1.0E+9	9.7E+8	8.9E+8	6.9E+8	4.7E+8	2.2E+8	4.7E+7	1.4E+6	8.9E+5	8.5E+5
Cm243	3.0E+6	3.0E+6	3.0E+6	3.0E+6	3.0E+6	3.0E+6	3.0E+6	2.9E+6	2.9E+6	2.9E+6	2.9E+6	2.8E+6	2.6E+6	2.3E+6	1.8E+6
Cm244	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.2E+8	3.1E+8	3.0E+8	2.7E+8	2.2E+8	1.5E+8
	Spontaneous fission														
U238	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6
Pu238	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.1E+7	5.0E+7	4.8E+7	4.4E+7
Pu240	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	2.0E+8	2.0E+8
Pu242	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7
Cm242	4.9E+9	4.9E+9	4.9E+9	4.9E+9	4.9E+9	4.9E+9	4.7E+9	4.3E+9	3.4E+9	2.3E+9	1.0E+9	2.2E+8	6.6E+6	4.3E+6	4.1E+6
Cm244	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.9E+10	3.8E+10	3.8E+10	3.7E+10	3.6E+10	3.2E+10	2.6E+10	1.8E+10
Cm246	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8	2.3E+8
Cf252	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.6E+7	1.5E+7	1.4E+7	1.2E+7	9.5E+6	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.8E+9	1.7E+9	1.5E+9	1.3E+9	1.0E+9	8.3E+8	7.9E+8	7.9E+8	7.7E+8
Spon.	4.4E+10	4.4E+10	4.4E+10	4.4E+10	4.4E+10	4.4E+10	4.4E+10	4.4E+10	4.2E+10	4.1E+10	3.9E+10	3.7E+10	3.3E+10	2.7E+10	1.9E+10
All	4.6E+10	4.6E+10	4.6E+10	4.6E+10	4.6E+10	4.6E+10	4.6E+10	4.5E+10	4.4E+10	4.2E+10	4.0E+10	3.8E+10	3.3E+10	2.8E+10	1.9E+10

表 82　3 号機使用済燃料プール、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3	8.7E+3
Pu238	2.7E+8	2.1E+8	1.4E+8	6.6E+7	6.3E+6	1.3E+5	1.2E+2	2.0E−4	2.5E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	2.1E+7	2.1E+7	2.1E+7	2.1E+7	2.0E+7	2.0E+7	2.0E+7	1.8E+7	1.6E+7	1.2E+7	5.1E+6	1.2E+6	6.7E+4	1.2E+1	2.0E−2
Pu240	3.7E+7	3.7E+7	3.7E+7	3.7E+7	3.6E+7	3.4E+7	3.0E+7	2.2E+7	1.3E+7	4.5E+6	1.9E+5	9.3E+2	6.6E−2	4.3E−2	4.3E−2
Am241	2.9E+8	3.7E+8	3.7E+8	3.2E+8	2.0E+8	8.8E+7	1.8E+7	1.7E+5	1.7E+4	7.4E+3	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	2.0E+6	2.0E+6	2.0E+6	1.9E+6	1.9E+6	1.8E+6	1.6E+6	1.2E+6	7.8E+5	3.0E+5	1.8E+4	1.6E+2	3.7E−2	2.4E−2	2.3E−2
Cm242	8.5E+5	7.4E+5	5.9E+5	3.8E+5	9.6E+4	9.8E+3	1.0E+2	1.2E−4	1.5E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	1.8E+6	8.8E+5	2.6E+5	2.3E+4	1.5E+1	8.1E−5	2.2E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.5E+8	4.8E+7	7.0E+6	1.5E+5	1.6E+0	7.7E−9	1.8E−25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6	1.0E+6
Pu238	4.4E+7	3.5E+7	2.4E+7	1.1E+7	1.0E+6	2.2E+4	2.0E+1	3.2E−5	4.1E−15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	2.0E+8	2.0E+8	2.0E+8	1.9E+8	1.9E+8	1.8E+8	1.6E+8	1.2E+8	6.8E+7	2.4E+7	9.8E+5	4.9E+3	3.5E−1	2.3E−1	2.3E−1
Pu242	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.8E+7	9.7E+7	9.6E+7	9.5E+7	9.0E+7	8.2E+7	6.9E+7	4.0E+7	1.6E+7
Cm242	4.1E+6	3.6E+6	2.9E+6	1.8E+6	4.6E+5	4.7E+4	5.0E+2	5.7E−4	7.2E−14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	1.8E+10	5.7E+9	8.5E+8	1.8E+7	1.9E+2	9.3E−7	2.2E−23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	2.3E+8	2.2E+8	2.2E+8	2.2E+8	2.1E+8	1.9E+8	1.7E+8	1.1E+8	5.2E+7	1.2E+7	1.5E+5	9.7E+1	4.3E−5	3.7E−12	8.3E−21
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	7.7E+8	7.0E+8	5.8E+8	4.4E+8	2.6E+8	1.4E+8	7.0E+7	4.2E+7	3.0E+7	1.7E+7	6.0E+6	2.3E+6	1.5E+6	1.4E+6	1.2E+6
Spon.	1.9E+10	6.3E+9	1.4E+9	5.4E+8	5.0E+8	4.7E+8	4.3E+8	3.2E+8	2.2E+8	1.3E+8	9.3E+7	8.4E+7	7.0E+7	4.1E+7	1.8E+7
All	1.9E+10	7.0E+9	2.0E+9	9.9E+8	7.6E+8	6.2E+8	5.0E+8	3.7E+8	2.5E+8	1.5E+8	9.9E+7	8.6E+7	7.2E+7	4.3E+7	1.9E+7

表 83　4 号機使用済燃料プール、短期中性子放出率(neutron/sec/core)

	0h	1h	3h	10h	1d	3d	10d	30d	90d	180d	1y	2y	5y	10y	20y
	(α, N)														
U238	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4
Pu238	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.4E+8	6.5E+8	6.5E+8	6.4E+8	6.3E+8	6.1E+8	5.6E+8
Pu239	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7	4.7E+7
Pu240	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.3E+7	7.4E+7	7.4E+7
Am241	1.6E+8	1.6E+8	1.6E+8	1.6E+8	1.6E+8	1.6E+8	1.6E+8	1.6E+8	1.7E+8	1.8E+8	2.0E+8	2.3E+8	3.2E+8	4.4E+8	6.1E+8
Am243	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.9E+6

Cm242	3.9E+9	3.9E+9	3.9E+9	3.9E+9	3.9E+9	3.8E+9	3.7E+9	3.4E+9	2.6E+9	1.8E+9	8.2E+8	1.8E+8	3.8E+6	2.1E+6	2.0E+6
Cm243	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.9E+6	5.8E+6	5.7E+6	5.6E+6	5.2E+6	4.6E+6	3.6E+6
Cm244	6.2E+8	6.2E+8	6.2E+8	6.2E+8	6.2E+8	6.2E+8	6.2E+8	6.2E+8	6.1E+8	6.1E+8	6.0E+8	5.7E+8	5.1E+8	4.2E+8	2.9E+8
	Spontaneous fission														
U238	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6
Pu238	9.0E+7	9.0E+7	9.0E+7	9.0E+7	9.0E+7	9.0E+7	9.0E+7	9.1E+7	9.1E+7	9.1E+7	9.1E+7	9.0E+7	1.0E+8	9.9E+7	9.1E+7
Pu240	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8	3.9E+8
Pu242	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8
Cm242	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.9E+10	1.8E+10	1.7E+10	1.3E+10	8.8E+9	4.0E+9	8.5E+8	1.8E+7	1.0E+7	9.6E+6
Cm244	7.5E+10	7.5E+10	7.5E+10	7.5E+10	7.5E+10	7.5E+10	7.5E+10	7.4E+10	7.4E+10	7.3E+10	7.2E+10	6.9E+10	6.2E+10	5.1E+10	3.5E+10
Cm246	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8	4.4E+8
Cf252	6.2E+7	6.2E+7	6.2E+7	6.2E+7	6.2E+7	6.2E+7	6.2E+7	6.1E+7	5.8E+7	5.5E+7	4.8E+7	3.7E+7	0.0E+0	0.0E+0	0.0E+0
	Total														
(α, N)	5.4E+9	5.4E+9	5.4E+9	5.4E+9	5.4E+9	5.4E+9	5.3E+9	5.0E+9	4.2E+9	3.4E+9	2.4E+9	1.8E+9	1.6E+9	1.6E+9	1.6E+9
Spon.	9.5E+10	9.5E+10	9.5E+10	9.5E+10	9.5E+10	9.4E+10	9.4E+10	9.2E+10	8.8E+10	8.3E+10	7.7E+10	7.1E+10	6.3E+10	5.2E+10	3.6E+10
All	1.0E+11	1.0E+11	1.0E+11	1.0E+11	1.0E+11	1.0E+11	9.9E+10	9.7E+10	9.2E+10	8.7E+10	7.9E+10	7.3E+10	6.4E+10	5.4E+10	3.7E+10

表 84　4 号機使用済燃料プール、長期中性子放出率(neutron/sec/core)

	20y	50y	100y	200y	500y	1000y	2000y	5000y	1E+04y	2E+04y	5E+04y	1E+05y	2E+05y	5E+05y	1E+06y
	(α, N)														
U238	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4	2.0E+4
Pu238	5.6E+8	4.4E+8	3.0E+8	1.4E+8	1.3E+7	2.8E+5	2.7E+2	4.6E-4	5.7E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu239	4.7E+7	4.6E+7	4.6E+7	4.6E+7	4.6E+7	4.5E+7	4.4E+7	4.1E+7	3.5E+7	2.7E+7	1.1E+7	2.7E+6	1.5E+5	2.7E+1	3.9E-2
Pu240	7.4E+7	7.4E+7	7.4E+7	7.3E+7	7.1E+7	6.7E+7	6.0E+7	4.4E+7	2.6E+7	8.9E+6	3.7E+5	1.8E+3	1.3E-1	8.1E-2	8.1E-2
Am241	6.1E+8	7.9E+8	7.9E+8	6.8E+8	4.2E+8	1.9E+8	3.8E+7	3.6E+5	3.3E+4	1.5E+4	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Am243	3.9E+6	3.9E+6	3.9E+6	3.9E+6	3.8E+6	3.6E+6	3.3E+6	2.5E+6	1.5E+6	6.0E+5	3.5E+4	3.2E+2	7.4E-2	4.7E-2	4.6E-2
Cm242	2.0E+6	1.7E+6	1.4E+6	8.7E+5	2.2E+5	2.3E+4	2.4E+2	2.7E-4	3.4E-14	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm243	3.6E+6	1.7E+6	5.2E+5	4.5E+4	3.1E+1	1.6E-4	4.4E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	2.9E+8	9.1E+7	1.3E+7	2.9E+5	3.0E+0	1.5E-8	3.5E-25	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
	Spontaneous fission														
U238	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6	2.4E+6
Pu238	9.1E+7	7.2E+7	4.9E+7	2.2E+7	2.1E+6	4.6E+4	4.4E+1	7.5E-5	9.4E-15	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Pu240	3.9E+8	3.9E+8	3.9E+8	3.8E+8	3.7E+8	3.5E+8	3.2E+8	2.3E+8	1.4E+8	4.7E+7	2.0E+6	9.7E+3	6.7E-1	4.3E-1	4.3E-1
Pu242	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.9E+8	1.8E+8	1.6E+8	1.4E+8	7.9E+7	3.2E+7
Cm242	9.6E+6	8.3E+6	6.6E+6	4.2E+6	1.1E+6	1.1E+5	1.1E+3	1.3E-3	1.7E-13	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm244	3.5E+10	1.1E+10	1.6E+9	3.5E+7	3.6E+2	1.8E-6	4.2E-23	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0
Cm246	4.4E+8	4.4E+8	4.4E+8	4.3E+8	4.1E+8	3.8E+8	3.3E+8	2.1E+8	1.0E+8	2.4E+7	2.8E+5	1.9E+2	8.2E-5	6.9E-12	1.5E-20
Cf252	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0	0.0E+0

	Total															
(α, N)	1.6E+9	1.5E+9	1.2E+9	9.4E+8	5.5E+8	3.0E+8	1.5E+8	8.8E+7	6.4E+7	3.7E+7	1.3E+7	4.9E+6	3.1E+6	3.1E+6	2.6E+6	
Spon.	3.6E+10	1.2E+10	2.7E+9	1.1E+9	9.9E+8	9.3E+8	8.5E+8	6.4E+8	4.3E+8	2.6E+8	1.8E+8	1.7E+8	1.4E+8	8.2E+7	3.5E+7	
All	3.7E+10	1.4E+10	3.9E+9	2.0E+9	1.5E+9	1.2E+9	9.9E+8	7.3E+8	5.0E+8	3.0E+8	2.0E+8	1.7E+8	1.4E+8	8.5E+7	3.8E+7	

謝辞

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付録 A ORIGEN2 と SWAT の比較

ORIGEN コードでは、アクチノイド以外の反応断面積を全ての燃焼時点において一定と仮定して計算を行う。この仮定の誤差を評価するために、多燃焼ステップにおいて断面積を評価出来る SWAT コード[A-1]との比較を行う。また、BWR では集合体内のボイド率が軸方向に 0～80%で分布しているが、今回の検討では、一律に 40%であると仮定した。この仮定の誤差についても、SWAT コードとの比較により確認する。

評価手法

解析の対象を 1 号機炉心とし、本文表 5 から、6 回の燃焼ステップを経て燃焼度が 40,795GWd/tHM となった燃料で比較を行った。断面積の燃焼度依存性の影響を調べるために、ボイド率 40%の燃料を仮定して、SWAT の計算を行った。

ボイド率の影響評価には、文献[A-2]に記載されている BWR 燃料のボイド率分布を参考に、表 A.1 に示すように軸方向に 5 分割した燃料ピンに対してボイド率を設定した。

表 A.1　BWR ウラン燃料のボイド率分布

	上端部	上部	中央部	下部	下端部
ボイド率	80%	60%	40%	20%	0%
燃料温度（℃）	520	520	520	520	520
被覆管温度（℃）	316	316	316	316	316
減速材温度（℃）	286	286	286	286	286

評価結果

1.　断面積の燃焼度依存性の影響

1 号機に対する放射能の燃焼度変化の比較を図 A.1 と図 A.2 に示す。FP 核種については Cs136 で 5%程度の差が見られるものの、良く一致している。アクチノイド核種では、Cm244 等高次の核種では ORIGEN が過小評価している。その他のアクチノイド核種では、ORIGEN と SWAT の差は 10%以下である。

以上から、断面積の燃焼度依存性の影響は、Cm244 等の高次の核種を除いて、10%以下である。

2.　ボイド率分布の影響

1 号機停止時の代表的な核分裂生成物同位体（Sr90、I131、Cs134、Cs137、Ba140）の各燃料領域の重量分布とその平均値を図 A.3 に示し、平均値との同位体重量の差異を図 A.4 に示す。上端部（ボイド率 80%）と下端部（ボイド率 0%）では最大 15%程度の差が見られるが、中央部（ボイド率 40%）における同位体重量と燃料領域における同位体重量平均値との差は

2.0%程度で、小さい。アクチノイド核種（図 A-5、A-6）に対しても、ボイド率 40%と平均値の差は 10%以下であった。

以上から、BWR のボイド率を一律 40%とする本評価の仮定に起因する誤差は 10%以下である。

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A-2　安藤良平、高野秀機「使用済軽水炉燃料の核種組成評価」、JAERI-Research 99-004, (1999).

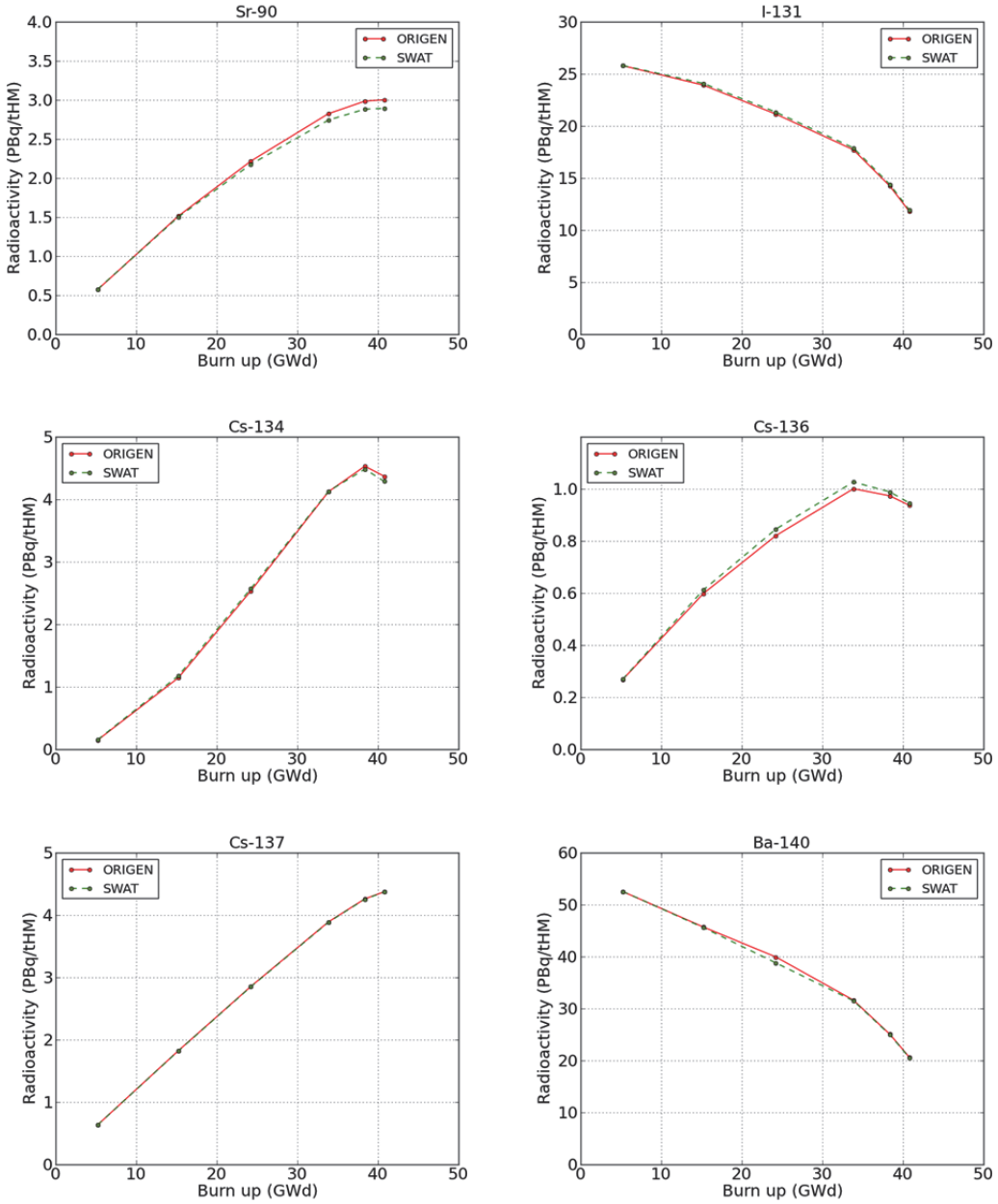

図 A.1　燃焼度の影響に関する SWAT と ORIGEN2 の比較（FP 核種）

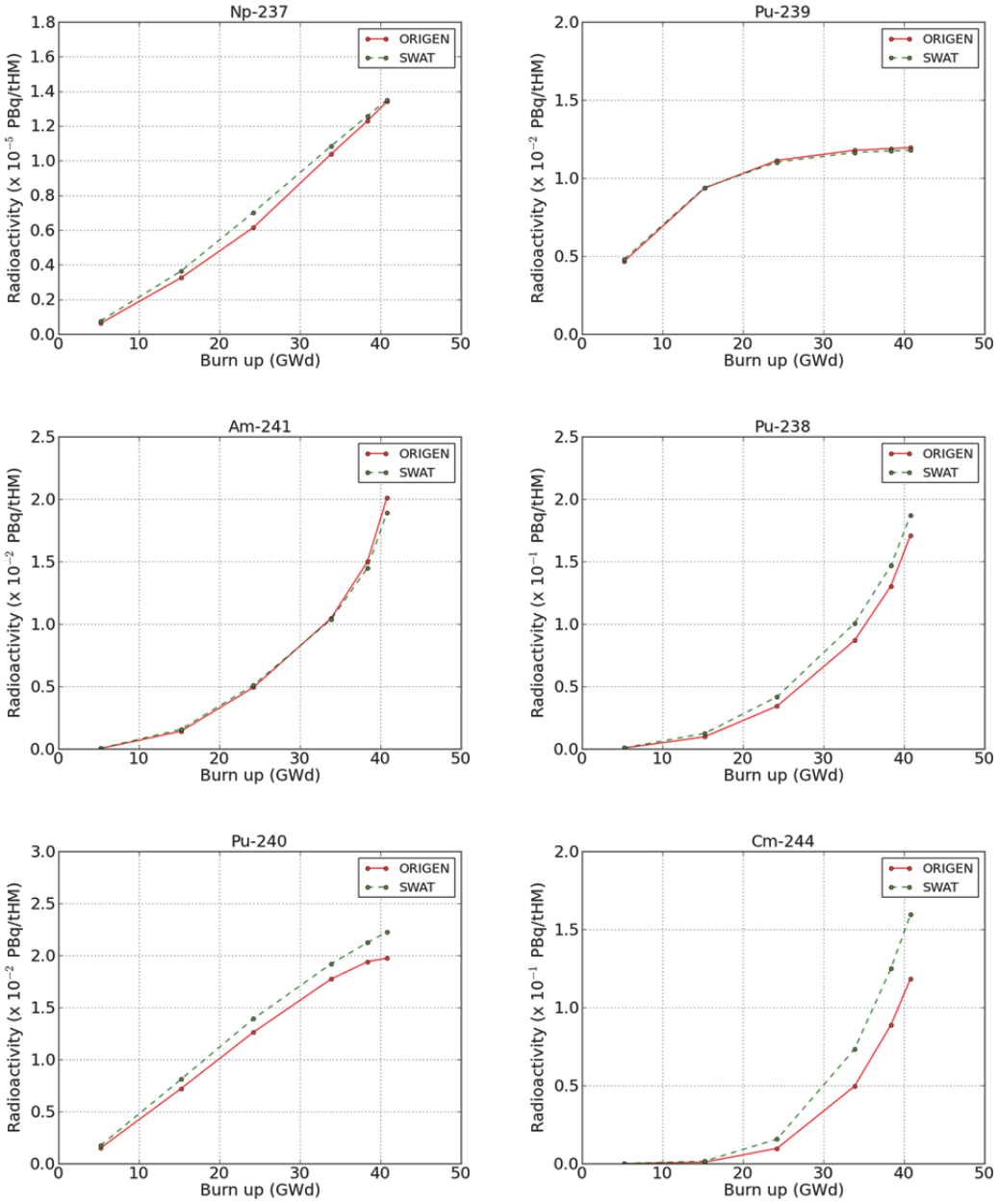

図 A.2　燃焼度の影響に関する SWAT と ORIGEN2 の比較（アクチノイド）

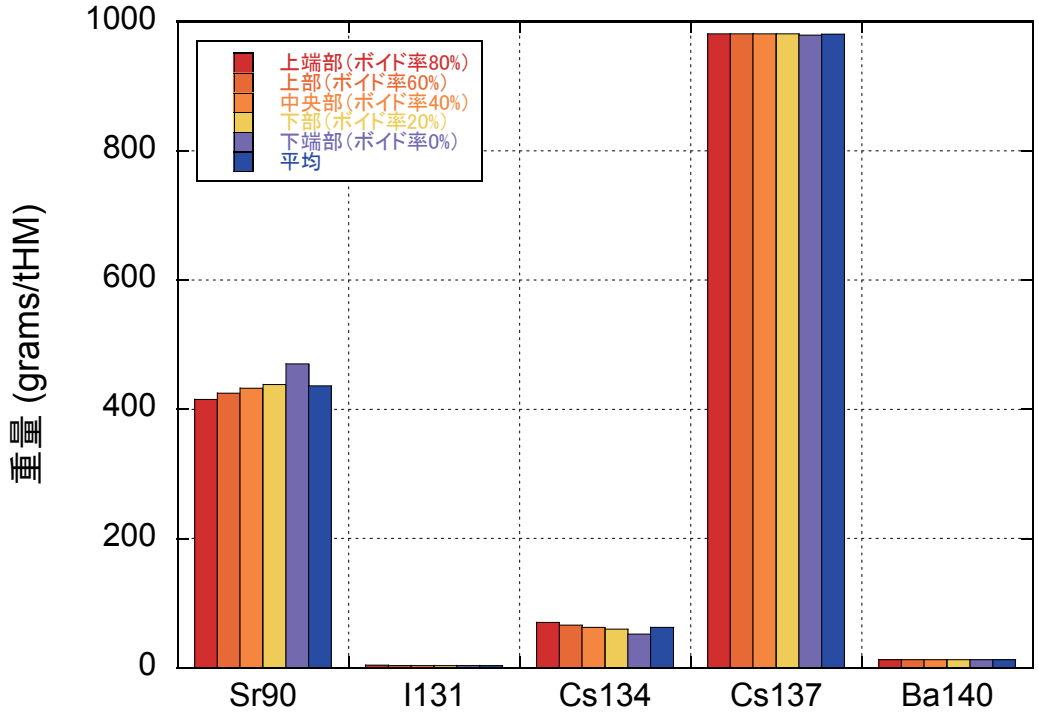

図 A.3　ボイド率の影響に関する SWAT と ORIGEN2 の比較(FP 核種)

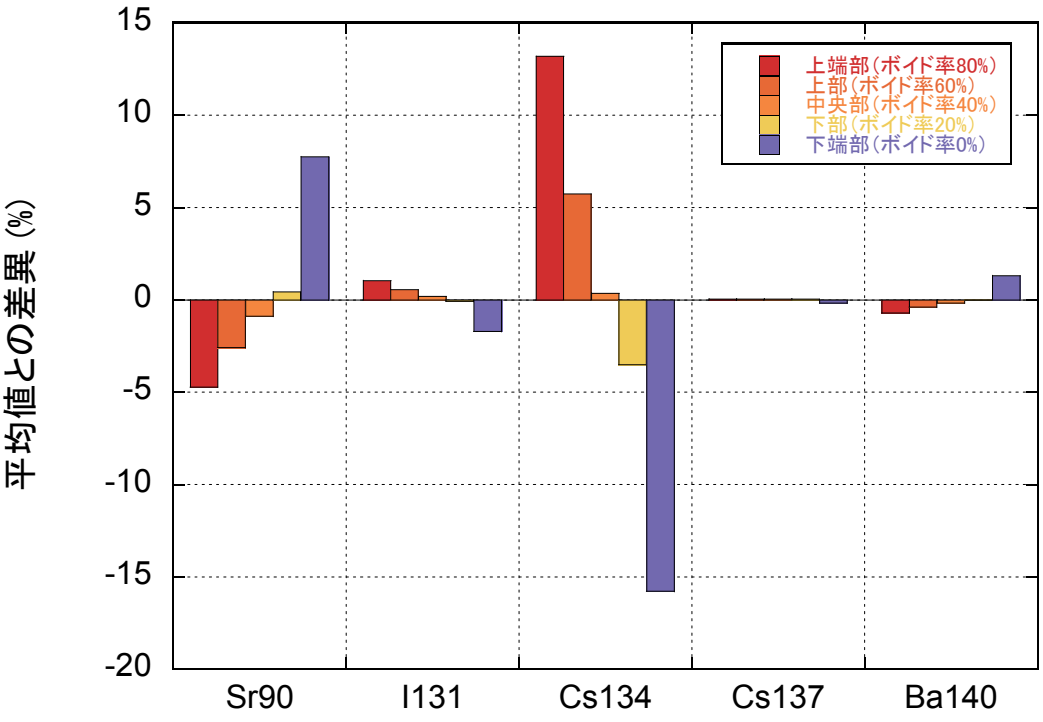

図 A.4　ボイド率の影響に関する SWAT と ORIGEN2 の比較(FP 核種)

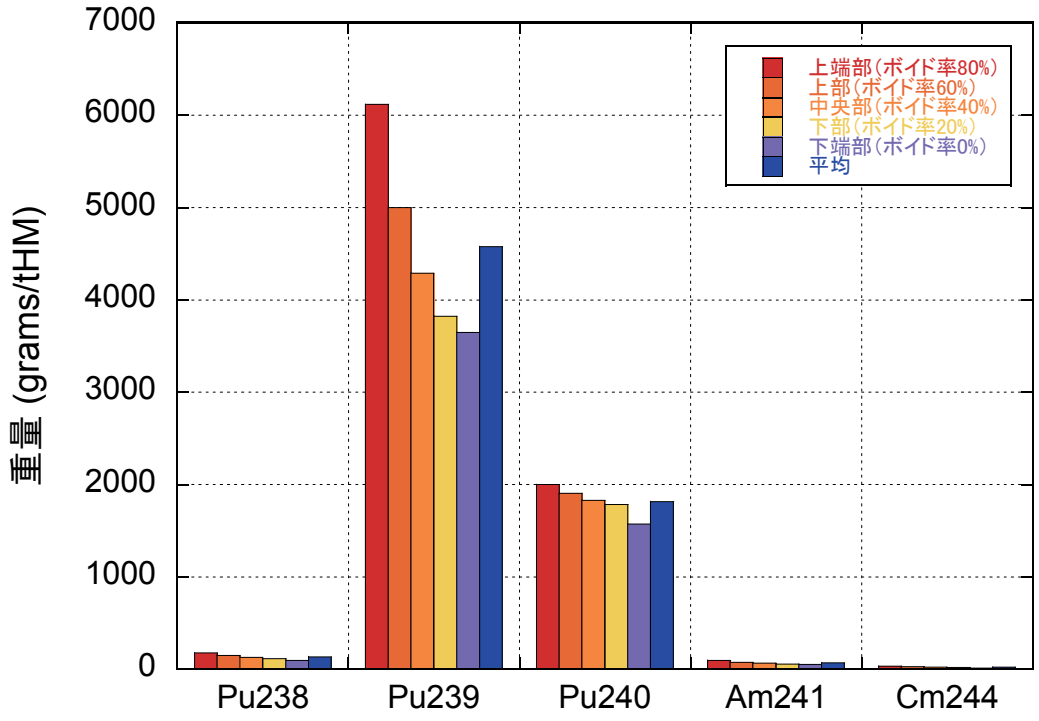

図 A.5　ボイド率の影響に関する SWAT と ORIGEN2 の比較(アクチノイド核種)

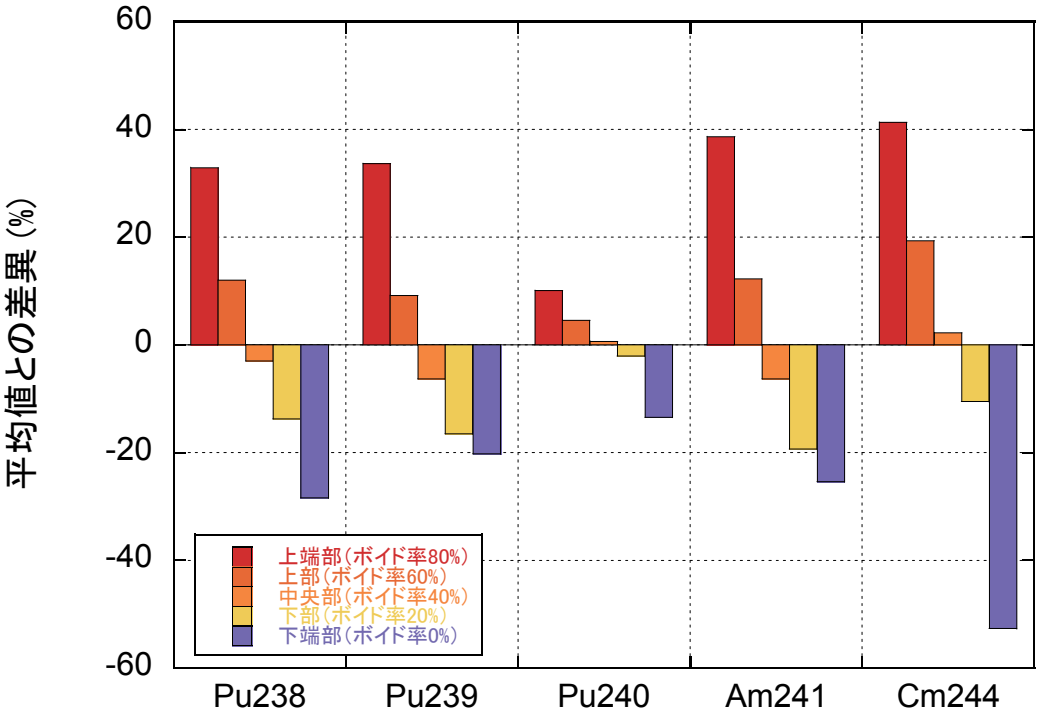

図 A.6　ボイド率の影響に関する SWAT と ORIGEN2 の比較(アクチノイド核種)

付録 B 平均比出力の推定方法

まず、第S燃焼ステップ（最終の燃焼ステップ）における、各バッチの平均比出力を求める。図 B-1 に示すように、総数Nの燃料集合体の比出力は線形に分布していると仮定する。すなわち、次式を仮定する。

$$p_n = c_1 n + c_2, \qquad \text{式 1}$$

$\bar{P} = \frac{1}{N}\sum_{n=1}^{N} p_n$　と式 1 より、次式が得られる。

$$\bar{P} = \frac{N+1}{2} c_1 + c_2 \qquad \text{式 2}$$

炉心の平均比出力$\bar{P}$は、本文表 2 から与えられている。第 1 バッチは第S燃焼ステップのみで燃焼されているから、$\overline{P_{S,1}}$も既知である。すなわち、次式で求められる。

$$\overline{P_{S,1}} = \frac{BU_1}{T_S},$$

ここで、

$$\overline{P_{S,1}} = \frac{1}{\mathrm{N}_1}\sum_{n=1}^{N_1} p_n = \frac{N_1+1}{2} c_1 + c_2 \qquad \text{式 3}$$

式 2 と式 3 から、c_1, c_2は次式のように求まる。

$$\begin{cases} c_1 = \dfrac{2\left(\bar{P} - \overline{P_{S,1}}\right)}{N - N_1} \\ c_2 = \dfrac{-(\mathrm{N}_1+1)\bar{P} + (\mathrm{N}+1)\overline{P_{S,1}}}{N - N_1} \end{cases} \qquad \text{式 4}$$

c_1, c_2を用いて、他のバッチの第S燃焼ステップの平均比出力は、次式で求まる。

$$\overline{P_{S,b}} = \frac{1}{N_b}\sum_{n\in b^{th}} p_n = \frac{2\sum_{i=1}^{b-1} N_i + N_b + 1}{2} c_1 + c_2 \qquad \text{式 3}$$

次に、各バッチに対して、第 1～$(S-1)$燃焼ステップの平均比出力を求める。図 B-2 に示すように、各バッチの比出力は、時間方向に線形であると仮定する。すなわち、

$$\overline{p_b}(t) = d_b t + e_b, \qquad \text{式 4}$$

次に、第 2 バッチの集合体に着目して、次式を得る。

$$BU_b = \int_{T_a}^{T} \overline{p_b}(t)dt = \frac{d_b}{2}(T^2 - T_a^2) + e_b(T - T_a)$$

$$\frac{BU_b}{T - T_a} = \overline{P_b} = \frac{d_b}{2}(T + T_a) + e_b \qquad \text{式 5}$$

$$\text{ただし、} T_a = \sum_{s=1}^{S-b} T_s$$

一方、第 S バッチの平均比出力は既に求まっているから、

$$\overline{P_{S,b}} T_S = \int_{T_b}^{T} p_b(t)dt = \frac{d_b}{2}(T^2 - T_b^2) + e_b(T - T_b)$$

$$\overline{P_{S,b}} = \frac{d_b}{2}(T + T_b) + e_b \qquad \text{式 6}$$

ただし、$T_b = \sum_{s=1}^{S-1} T_s = T - T_S$

式 5、6 より、以下が得られる。

$$d_b = \frac{2\left(\overline{P_{S,b}} - \bar{P}_b\right)}{T_b - T_a}$$
$$e_b = \frac{(T + T_b)\overline{P_b} - (T + T_a)\overline{P_{S,b}}}{T_b - T_a} \qquad \text{式 7}$$

これらを用いて、第 b バッチ第 s 燃焼ステップの平均比出力は、次式で求まる。

$$\overline{P_{s,b}} = \frac{2\sum_{i=1}^{s-1} T_i + T_s}{2} d_b + e_b \qquad \text{式 8}$$

（付録 B で用いた記号）

b, バッチ番号

BU_b, bバッチの最終燃焼度(MWd/tHM)

$B = S$, バッチ数＝燃焼ステップ数

c_1, c_2, 第 S 燃焼ステップの定数

d_b, e_b, 第 b バッチの定数

n, 燃料番号

N_b, bバッチに属する燃料数

N, 全燃料数

p_n, 第 S 燃焼ステップの燃料nの比出力(MW/tHM)

$\overline{p_b}(t)$, 第 b バッチの時刻 t の平均比出力(MW/tHM)

$\overline{P_{s,b}}$, 第 s 燃焼ステップ、bバッチの平均比出力(MW/tHM)

$\overline{P_b}$, bバッチの全燃焼期間を通じた平均比出力(MW/tHM)

$\bar{P}$, 炉心全体の平均比出力(MW/tHM)

s, 燃焼ステップ

t, 時間（日）

T_s, 第 s ステップの日数

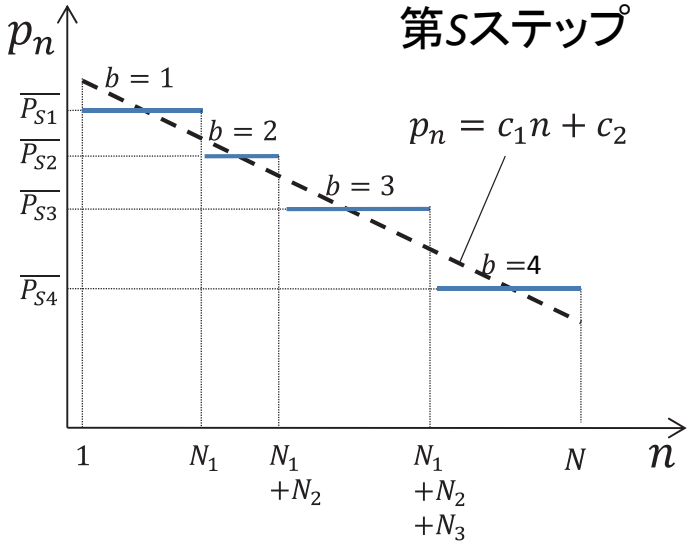

図 B-1　第 S ステップの平均比出力を求めるための仮定(4 バッチの場合)

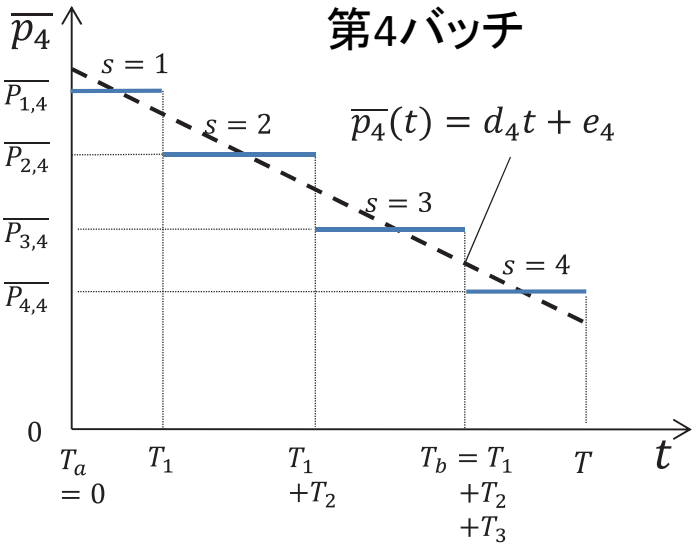

図 B-2　第 1～第(*S*-1)ステップの平均比出力を求めるための仮定
(4 バッチの場合、第 4 バッチ)

付録 C ORIGEN2 入力例

表 B-1 1 号機炉心第 3 バッチの入力例

```
  -1
  -1
  -1
  LIP    0  0  0
  LIB    0   1 2 3  780 781 782 9 3 0 1 105
  PHO    101 102 103  10
  RDA *** -1 = FRESH MATERIALS ***************************************
  INP    -1  1  -1 -1  4  4
  MOV    -1  1   0  1.0
BUP
IRP   31.727  32.2899 1 2 4 2
IRP   63.455  32.2899 2 3 4 0
IRP   95.182  32.2899 3 4 4 0
IRP  126.909  32.2899 4 5 4 0
IRP  158.636  32.2899 5 6 4 0
IRP  190.364  32.2899 6 7 4 0
IRP  222.091  32.2899 7 8 4 0
IRP  253.818  32.2899 8 9 4 0
IRP  285.545  32.2899 9 10 4 0
IRP  317.273  32.2899 10 11 4 0
IRP  349.000  32.2899 11 12 4 0
MOV 12 1 0 1.0
DEC  532.000 1 12 4 0
MOV 12 1 0 1.0
IRP  563.000  26.1123 1 2 4 0
IRP  594.000  26.1123 2 3 4 0
IRP  625.000  26.1123 3 4 4 0
IRP  656.000  26.1123 4 5 4 0
IRP  687.000  26.1123 5 6 4 0
IRP  718.000  26.1123 6 7 4 0
IRP  749.000  26.1123 7 8 4 0
IRP  780.000  26.1123 8 9 4 0
IRP  811.000  26.1123 9 10 4 0
IRP  842.000  26.1123 10 11 4 0
IRP  873.000  26.1123 11 12 4 0
MOV 12 1 0 1.0
DEC  999.000 1 12 4 0
MOV 12 1 0 1.0
IRP 1001.182  21.4657 1 2 4 0
IRP 1003.364  21.4657 2 3 4 0
IRP 1005.545  21.4657 3 4 4 0
IRP 1007.727  21.4657 4 5 4 0
IRP 1009.909  21.4657 5 6 4 0
IRP 1012.091  21.4657 6 7 4 0
IRP 1014.273  21.4657 7 8 4 0
IRP 1016.455  21.4657 8 9 4 0
IRP 1018.636  21.4657 9 10 4 0
IRP 1020.818  21.4657 10 11 4 0
IRP 1023.000  21.4657 11 12 4 0
MOV 12 1 0 1.0
DEC 1059.000 1 12 4 0
MOV 12 1 0 1.0
```

```
IRP 1074.000  21.4657 1 2 4 0
IRP 1089.000  21.4657 2 3 4 0
IRP 1104.000  21.4657 3 4 4 0
IRP 1119.000  21.4657 4 5 4 0
IRP 1134.000  21.4657 5 6 4 0
IRP 1149.000  21.4657 6 7 4 0
IRP 1164.000  21.4657 7 8 4 0
IRP 1179.000  21.4657 8 9 4 0
IRP 1194.000  21.4657 9 10 4 0
IRP 1209.000  21.4657 10 11 4 0
IRP 1224.000  21.4657 11 12 4 0
MOV 12 1 0 1.0
BUP
  OPTL 8 8 8 8 5 8 5 8 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
  OPTA 8 8 8 8 5 8 5 8 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
  OPTF 8 8 8 8 5 8 5 8 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
HED     1 SF
  DEC       1.0                        1    2    3    4
  DEC       3.0                        2    3    3    0
  DEC      10.0                        3    4    3    0
  DEC       1.0                        4    5    4    0
  DEC       3.0                        5    6    4    0
  DEC      10.0                        6    7    4    0
  DEC      30.0                        7    8    4    0
  DEC      90.0                        8    9    4    0
  DEC     180.0                        9   10    4    0
  DEC       1.0                       10   11    5    0
  DEC       2.0                       11   12    5    0
  OUT      12  1  -1   0
  MOV    12  -1   0  1.0
  DEC       5.0                       -1    1    5    0
  DEC      10.0                        1    2    5    0
  DEC      20.0                        2    3    5    0
  DEC      50.0                        3    4    5    0
  DEC     100.0                        4    5    5    0
  DEC     200.0                        5    6    5    0
  DEC     500.0                        6    7    5    0
  DEC    1000.0                        7    8    5    0
  DEC    2000.0                        8    9    5    0
  DEC    5000.0                        9   10    5    0
  DEC   10000.0                       10   11    5    0
  DEC   20000.0                       11   12    5    0
  OUT      12  1  -1   0
  MOV    12  -1   0  1.0
  DEC   50000.0                       -1    1    5    0
  DEC  100000.0                        1    2    5    0
  DEC  200000.0                        2    3    5    0
  DEC  500000.0                        3    4    5    0
  DEC 1000000.0                        4    5    5    0
  OUT      5  1  -1   0
  END
  2 922340 0.0 922350 37000.0 922360 0.0 922380 963000.0
  4  80000 134537.7   0      0.0
  4 400000 200117.87  500000 2977.40  260000 530.22     0  0.0
  4 240000    203.93  280000  101.97                    0  0.0
  0
```

国際単位系（SI）

表１．SI 基本単位

基本量	SI 基本単位	
	名称	記号
長さ	メートル	m
質量	キログラム	kg
時間	秒	s
電流	アンペア	A
熱力学温度	ケルビン	K
物質量	モル	mol
光度	カンデラ	cd

表２．基本単位を用いて表されるSI組立単位の例

組立量	SI 基本単位	
	名称	記号
面積	平方メートル	m^2
体積	立法メートル	m^3
速さ，速度	メートル毎秒	m/s
加速度	メートル毎秒毎秒	m/s^2
波数	毎メートル	m^{-1}
密度，質量密度	キログラム毎立方メートル	kg/m^3
面積密度	キログラム毎平方メートル	kg/m^2
比体積	立方メートル毎キログラム	m^3/kg
電流密度	アンペア毎平方メートル	A/m^2
磁界の強さ	アンペア毎メートル	A/m
量濃度(a)，濃度	モル毎立方メートル	mol/m^3
質量濃度	キログラム毎立法メートル	kg/m^3
輝度	カンデラ毎平方メートル	cd/m^2
屈折率(b)	（数字の） 1	1
比透磁率(b)	（数字の） 1	1

(a) 量濃度（amount concentration）は臨床化学の分野では物質濃度（substance concentration）ともよばれる。
(b) これらは無次元量あるいは次元１をもつ量であるが、そのことを表す単位記号である数字の１は通常は表記しない。

表３．固有の名称と記号で表されるSI組立単位

組立量	SI 組立単位			
	名称	記号	他のSI単位による表し方	SI基本単位による表し方
平面角	ラジアン(b)	rad	1 (b)	m/m
立体角	ステラジアン(b)	sr(c)	1 (b)	m^2/m^2
周波数	ヘルツ(d)	Hz		s^{-1}
力	ニュートン	N		m kg s^{-2}
圧力，応力	パスカル	Pa	N/m^2	m^{-1} kg s^{-2}
エネルギー，仕事，熱量	ジュール	J	N m	m^2 kg s^{-2}
仕事率，工率，放射束	ワット	W	J/s	m^2 kg s^{-3}
電荷，電気量	クーロン	C		s A
電位差（電圧），起電力	ボルト	V	W/A	m^2 kg s^{-3} A^{-1}
静電容量	ファラド	F	C/V	m^{-2} kg^{-1} s^4 A^2
電気抵抗	オーム	Ω	V/A	m^2 kg s^{-3} A^{-2}
コンダクタンス	ジーメンス	S	A/V	m^{-2} kg^{-1} s^3 A^2
磁束	ウエーバ	Wb	Vs	m^2 kg s^{-2} A^{-1}
磁束密度	テスラ	T	Wb/m^2	kg s^{-2} A^{-1}
インダクタンス	ヘンリー	H	Wb/A	m^2 kg s^{-2} A^{-2}
セルシウス温度	セルシウス度(e)	℃		K
光束	ルーメン	lm	cd sr(c)	cd
照度	ルクス	lx	lm/m^2	m^{-2} cd
放射性核種の放射能(f)	ベクレル(d)	Bq		s^{-1}
吸収線量，比エネルギー分与，カーマ	グレイ	Gy	J/kg	m^2 s^{-2}
線量当量，周辺線量当量，方向性線量当量，個人線量当量	シーベルト(g)	Sv	J/kg	m^2 s^{-2}
酸素活性	カタール	kat		s^{-1} mol

(a)SI接頭語は固有の名称と記号を持つ組立単位と組み合わせても使用できる。しかし接頭語を付した単位はもはやコヒーレントではない。
(b)ラジアンとステラジアンは数字の１に対する単位の特別な名称で、量についての情報をつたえるために使われる。実際には、使用する時には記号rad及びsrが用いられるが、習慣として組立単位としての記号である数字の１は明示されない。
(c)測光学ではステラジアンという名称と記号srを単位の表し方の中に、そのまま維持している。
(d)ヘルツは周期現象についてのみ、ベクレルは放射性核種の統計的過程についてのみ使用される。
(e)セルシウス度はケルビンの特別な名称で、セルシウス温度を表すために使用される。セルシウス度とケルビンの単位の大きさは同一である。したがって、温度差や温度間隔を表す数値はどちらの単位で表しても同じである。
(f)放射性核種の放射能（activity referred to a radionuclide）は、しばしば誤った用語で"radioactivity"と記される。
(g)単位シーベルト（PV,2002,70,205）についてはCIPM勧告2（CI-2002）を参照。

表４．単位の中に固有の名称と記号を含むSI組立単位の例

組立量	SI 組立単位		
	名称	記号	SI 基本単位による表し方
粘度	パスカル秒	Pa s	m^{-1} kg s^{-1}
力のモーメント	ニュートンメートル	N m	m^2 kg s^{-2}
表面張力	ニュートン毎メートル	N/m	kg s^{-2}
角速度	ラジアン毎秒	rad/s	m m^{-1} s^{-1}=s^{-1}
角加速度	ラジアン毎秒毎秒	rad/s^2	m m^{-1} s^{-2}=s^{-2}
熱流密度，放射照度	ワット毎平方メートル	W/m^2	kg s^{-3}
熱容量，エントロピー	ジュール毎ケルビン	J/K	m^2 kg s^{-2} K^{-1}
比熱容量，比エントロピー	ジュール毎キログラム毎ケルビン	J/(kg K)	m^2 s^{-2} K^{-1}
比エネルギー	ジュール毎キログラム	J/kg	m^2 s^{-2}
熱伝導率	ワット毎メートル毎ケルビン	W/(m K)	m kg s^{-3} K^{-1}
体積エネルギー	ジュール毎立方メートル	J/m^3	m^{-1} kg s^{-2}
電界の強さ	ボルト毎メートル	V/m	m kg s^{-3} A^{-1}
電荷密度	クーロン毎立方メートル	C/m^3	m^{-3} sA
表面電荷	クーロン毎平方メートル	C/m^2	m^{-2} sA
電束密度，電気変位	クーロン毎平方メートル	C/m^2	m^{-2} sA
誘電率	ファラド毎メートル	F/m	m^{-3} kg^{-1} s^4 A^2
透磁率	ヘンリー毎メートル	H/m	m kg s^{-2} A^{-2}
モルエネルギー	ジュール毎モル	J/mol	m^2 kg s^{-2} mol^{-1}
モルエントロピー，モル熱容量	ジュール毎モル毎ケルビン	J/(mol K)	m^2 kg s^{-2} K^{-1} mol^{-1}
照射線量（X線及びγ線）	クーロン毎キログラム	C/kg	kg^{-1} sA
吸収線量率	グレイ毎秒	Gy/s	m^2 s^{-3}
放射強度	ワット毎ステラジアン	W/sr	m^4 m^{-2} kg s^{-3}=m^2 kg s^{-3}
放射輝度	ワット毎平方メートル毎ステラジアン	$W/(m^2 sr)$	m^2 m^{-2} kg s^{-3}=kg s^{-3}
酵素活性濃度	カタール毎立方メートル	kat/m^3	m^{-3} s^{-1} mol

表５．SI 接頭語

乗数	接頭語	記号	乗数	接頭語	記号
10^{24}	ヨタ	Y	10^{-1}	デシ	d
10^{21}	ゼタ	Z	10^{-2}	センチ	c
10^{18}	エクサ	E	10^{-3}	ミリ	m
10^{15}	ペタ	P	10^{-6}	マイクロ	μ
10^{12}	テラ	T	10^{-9}	ナノ	n
10^{9}	ギガ	G	10^{-12}	ピコ	p
10^{6}	メガ	M	10^{-15}	フェムト	f
10^{3}	キロ	k	10^{-18}	アト	a
10^{2}	ヘクト	h	10^{-21}	ゼプト	z
10^{1}	デカ	da	10^{-24}	ヨクト	y

表６．SIに属さないが、SIと併用される単位

名称	記号	SI 単位による値
分	min	1 min=60s
時	h	1h =60 min=3600 s
日	d	1 d=24 h=86 400 s
度	°	1°=(π/180) rad
分	’	1’=(1/60)°=(π/10800) rad
秒	”	1”=(1/60)’=(π/648000) rad
ヘクタール	ha	$1ha=1hm^2=10^4m^2$
リットル	L，l	$1L=11=1dm^3=10^3cm^3=10^{-3}m^3$
トン	t	$1t=10^3$ kg

表７．SIに属さないが、SIと併用される単位で、SI単位で表される数値が実験的に得られるもの

名称	記号	SI 単位で表される数値
電子ボルト	eV	$1eV=1.602\ 176\ 53(14)\times10^{-19}J$
ダルトン	Da	$1Da=1.660\ 538\ 86(28)\times10^{-27}kg$
統一原子質量単位	u	1u=1 Da
天文単位	ua	$1ua=1.495\ 978\ 706\ 91(6)\times10^{11}m$

表８．SIに属さないが、SIと併用されるその他の単位

名称	記号	SI 単位で表される数値
バール	bar	$1\ bar=0.1MPa=100kPa=10^5Pa$
水銀柱ミリメートル	mmHg	1mmHg=133.322Pa
オングストローム	Å	$1\ Å=0.1nm=100pm=10^{-10}m$
海里	M	1 M=1852m
バーン	b	$1\ b=100fm^2=(10^{-12}cm)2=10^{-28}m^2$
ノット	kn	1 kn=(1852/3600)m/s
ネーパ	Np	SI単位との数値的な関係は、対数量の定義に依存。
ベル	B	
デジベル	dB	

表９．固有の名称をもつCGS組立単位

名称	記号	SI 単位で表される数値
エルグ	erg	$1\ erg=10^{-7}$ J
ダイン	dyn	$1\ dyn=10^{-5}$N
ポアズ	P	$1\ P=1\ dyn\ s\ cm^{-2}=0.1Pa\ s$
ストークス	St	$1\ St=1cm^2\ s^{-1}=10^{-4}m^2\ s^{-1}$
スチルブ	sb	$1\ sb=1cd\ cm^{-2}=10^4cd\ m^{-2}$
フォト	ph	$1\ ph=1cd\ sr\ cm^{-2}\ 10^4lx$
ガル	Gal	$1\ Gal=1cm\ s^{-2}=10^{-2}ms^{-2}$
マクスウェル	Mx	$1\ Mx=1G\ cm^2=10^{-8}Wb$
ガウス	G	$1\ G=1Mx\ cm^{-2}=10^{-4}T$
エルステッド(c)	Oe	1 Oe ≙ $(10^3/4\pi)A\ m^{-1}$

(c) 3元系のCGS単位系とSIでは直接比較できないため、等号「 ≙ 」は対応関係を示すものである。

表10．SIに属さないその他の単位の例

名称	記号	SI 単位で表される数値
キュリー	Ci	$1\ Ci=3.7\times10^{10}Bq$
レントゲン	R	$1\ R=2.58\times10^{-4}C/kg$
ラド	rad	$1\ rad=1cGy=10^{-2}Gy$
レム	rem	$1\ rem=1\ cSv=10^{-2}Sv$
ガンマ	γ	$1\ γ=1\ nT=10\text{-}9T$
フェルミ		1フェルミ=1 fm=10-15m
メートル系カラット		1メートル系カラット = 200 mg = 2×10-4kg
トル	Torr	1 Torr = (101 325/760) Pa
標準大気圧	atm	1 atm = 101 325 Pa
カロリー	cal	1cal=4.1858J（「15℃」カロリー），4.1868J（「IT」カロリー） 4.184J（「熱化学」カロリー）
ミクロン	μ	$1\ μ=1μm=10^{-6}m$

（第8版，2006年改訂）

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