

26-Fe-54 (n, 2n) 26-Fe-53

Abundance (%)	= 5.845 ± 0.035	
Q	= -13.37857 MeV	E _{thr} = 13.62874 MeV
T _{1/2}	= 8.51 m 2	
E _γ	= 377.9 ± 0.1 keV	I _γ = 42.0 ± 3.0 EC+β ⁺
T _{1/2}	= 2.58 m 4	
E _γ	= 701.1 ± 0.1 keV	I _γ = 100.0 ± 8.0 IT
E _γ	= 1011.5 ± 0.1 keV	I _γ = 86.0 ± 11.3 IT
E _γ	= 1328.1 ± 0.1 keV	I _γ = 87.0 ± 10.6 IT
E _γ	= 2339.7 ± 0.1 keV	I _γ = 13.00 ± 2.25 IT

RRDF-98	- eval. - Jun 1996 K. Zolotarev.
ENDF/B-VI	- eval. - Nov 1989 D. Hetrick, C. Fu, N. Larson.
JENDL-3.2	- eval. - Nov 1989 D. Hetrick, C. Fu, N. Larson.
JEF-2	- eval. - Mar 1987 S. Iijima, H. Yamakoshi.
BROND-2	- eval. - Nov 1985 V. Pronyaev.
CENDL-2	- eval. - Aug 1990 B. Yu, S. Chiba, S. Iijima et al.

Tabl. 1

U-235						
	RRDF-98	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	14.70	14.50	14.50	14.40	14.60	14.50
50%	16.00	15.80	15.70	15.60	15.90	15.70
90%	17.40	17.30	17.30	17.20	17.40	17.30
ACS	9.21E-07	1.06E-06	1.02E-06	1.61E-06	1.42E-06	1.02E-06

Tabl. 2

Cf-252						
	RRDF-98	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	14.70	14.60	14.50	14.50	14.60	14.50
50%	16.10	15.90	15.90	15.80	16.00	15.90
90%	17.50	17.40	17.30	17.30	17.50	17.30
ACS	2.61E-06	2.96E-06	2.85E-06	4.45E-06	4.01E-06	2.85E-06

Tabl. 3

1.5+07	1.5+07	1	3HUNDEB	C,65ANTWERP,,537	1965 J.CSIKAI	30038005
1.4+07	1.5+07	5	3MORRAB	J,NSE,108,289	1991 M.VIENNOT,	30978014
1.5+07	1.5+07	1	3POLLOU	P,INR-1464,14	1973 J.ARAMINOWICZ,	30264012
1.4+07	1.5+07	6	1USAANL	C,855SANTA,1,163	1985 L.R.GREENWOOD,	12975002
1.5+07	1.5+07	1	3CPRSST	J,CNP,9,34	1987 ZHOU MUYAO,	30755006
1.4+07	1.5+07	1	1CANCRG	P,EANDC(CAN)-16,1	1963 W.G.CROSS,	11696002
1.7+07	1.8+07	2	1USALAS	J,PR,109,2031	1958 J.TERRELL,	11715002
1.4+07	1.7+07	2	1USALOK	J,PR/B,140,305	1965 S.R.SALISBURY,	11721004
1.5+07	1.5+07	1	2GERJUL	J,NP/A,185,614	1972 S.M.QAIM	20536006
1.5+07	1.5+07	1	2FR LYO	J,JPR,21,377	1960 M.J.DEPRAZ,	21419005
1.5+07	1.5+07	1	2GERKIG	R,GKSS-84-E-	1984 B.M.BAHAL,	21936013
1.4+07	1.4+07	1	1USAANL	J,PR,122,168	1961 L.A.RAYBURN	11328011
1.4+07	1.8+07	11	2GERHAM	J,ZP/A,277,203	1976 M.BORMANN,	20614002
1.4+07	1.4+07	1	2UK HAR	J,PPS,70,195	1956 D.L.ALLAN	21488002
1.4+07	1.7+07	10	4CCPKUR	J,YF,7,(4),745	1968 M.F.ANDREEV,	40212002
1.4+07	1.7+07	10	4CCPKUR	J,YF,7,(4),745	1968 M.F.ANDREEV,	40212003
1.5+07	1.9+07	6	2UK NPL	J,JP/G,4,(11),1783	1978 T.B.RYVES,	20867004

$^{54}\text{Fe}(n,2n)^{53}\text{Fe}$

