

24-Cr-52 (n, 2n) 24-Cr-51

Abundance (%) = 83.789 ± 0.018
 Q = -12.03945 MeV $E_{thr} = 12.27325$ MeV
 $T_{1/2} = 27.702$ d 4
 $E_{\gamma} = 320.0842 \pm 0.0009$ keV $I_{\gamma} = 9.86 \pm 0.05$ EC

IRDF-90 - eval. - 1991 M. Wagner et al.
 D-99 (JENDL/D-99) - eval. - Mar 1996 K. Kobayashi.
 ENDF/B-VI - eval. - Nov 1989 D. Hetrick, D. & N. Larson, C. Fu.
 JENDL-3.2 - eval. - Mar 1987 T. Asami (NEDAC).
 JEF-2 - eval. - Feb 1989 F. Fabbri, G. Maino, E. Menapace et al.
 BROND-2 - eval. - Oct 1987 A. Blokhin, A. Ignatyuk et al.

Tabl.1

U-235						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2
10%	13.10	13.10	13.00	13.10	12.90	13.00
50%	14.40	14.40	14.40	14.40	14.20	14.30
90%	16.40	16.30	16.40	16.30	16.20	16.20
ACS	3.43E-05	3.39E-05	3.49E-05	3.25E-05	4.46E-05	3.42E-05

Tabl.2

Cf-252						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2
10%	13.10	13.20	13.10	13.20	13.00	13.00
50%	14.50	14.50	14.50	14.50	14.30	14.40
90%	16.60	16.50	16.60	16.50	16.40	16.50
ACS	8.60E-05	8.49E-05	8.73E-05	8.16E-05	1.10E-04	8.50E-05

Tabl.3

1.4+07	1.8+07	5	1USAAUB	J,JP/G,13,405	8701 S.K.GHORAI,	12958004
1.4+07	1.4+07	1	2AUSIRK	J,OSA,99,1	6201 R.WENUSCH,	20091002
1.5+07	1.5+07	1	2GERJUL	J,NP/A,185,614	7205 S.M.QAIM	20536003
1.3+07	2.0+07	10	2GERHAM	J,NP/A,115,309	6807 M.BORMANN,	20834002
1.4+07	1.5+07	7	2JPNJAE	R,JAERI-1312	88 Y.IKEDA,	22089037
1.3+07	2.0+07	24	2ZZZGEL	W,LISKIEN	89 H.LISKIEN,	22124002
1.5+07	1.5+07	1	3POLLOU	P,INR-1464,14	7305 J.ARMINOWICZ,	30264010
1.5+07	1.5+07	1	3HUNKOS	C,77KIEV,1,246	7704 K.SAILER,	30438003
1.5+07	1.5+07	1	3BANRAM	P,INDC(BAN)-002,1	8302 N.T.MOLLA,	30577003
1.5+07	1.5+07	1	3CSRSLO	J,ANE,12,(11),577	85 I.RIBANSKY,	30812003
1.4+07	1.5+07	4	3HUNKOS 2AUSIRK	J,ANE,16,(12),623	89 M.WAGNER,	30972005
1.4+07	1.5+07	2	4CCPCCP	R,YK-9,50	72 G.N.MASLOV,	40136004

$^{52}\text{Cr}(n,2n)^{51}\text{Cr}$ 