

26-Fe-54 (n, α) 24-Cr-51

Abundance (%) = 5.845 ± 0.035
 $Q = 0.84277$ MeV $E_{thr} = 0.0$
 $T_{1/2} = 27.702$ d 4
 $E_{\gamma} = 320.0842 \pm 0.0009$ keV $I_{\gamma} = 9.86 \pm 0.05$ EC

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

Tabl. 1

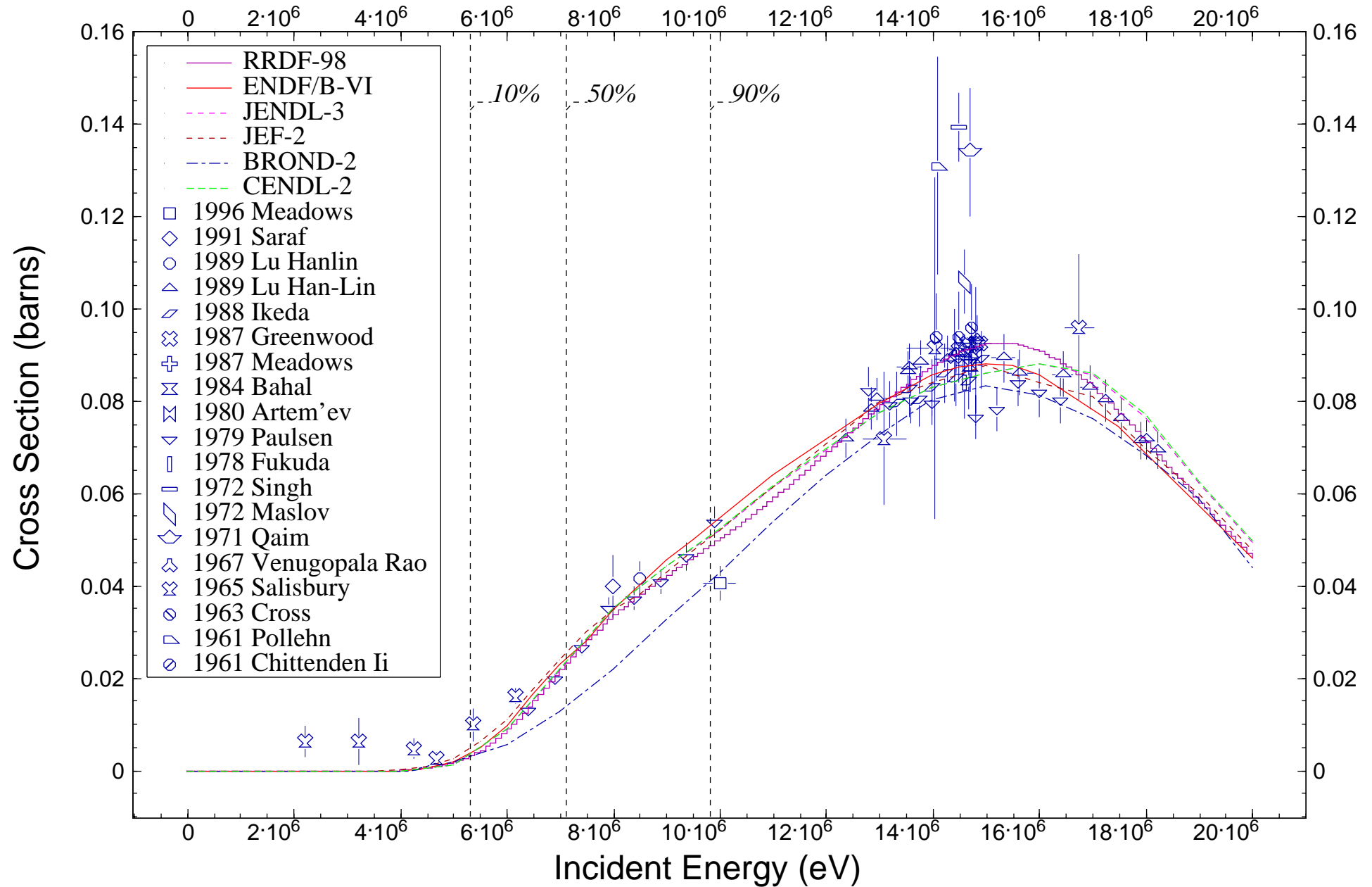
U-235						
	RRDF-98	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	5.40	5.30	5.40	5.10	5.10	5.30
50%	7.10	7.10	7.10	6.90	7.20	7.10
90%	9.90	9.80	9.80	9.70	10.20	9.80
ACS	8.21E-04	8.78E-04	8.39E-04	9.45E-04	5.89E-04	8.46E-04

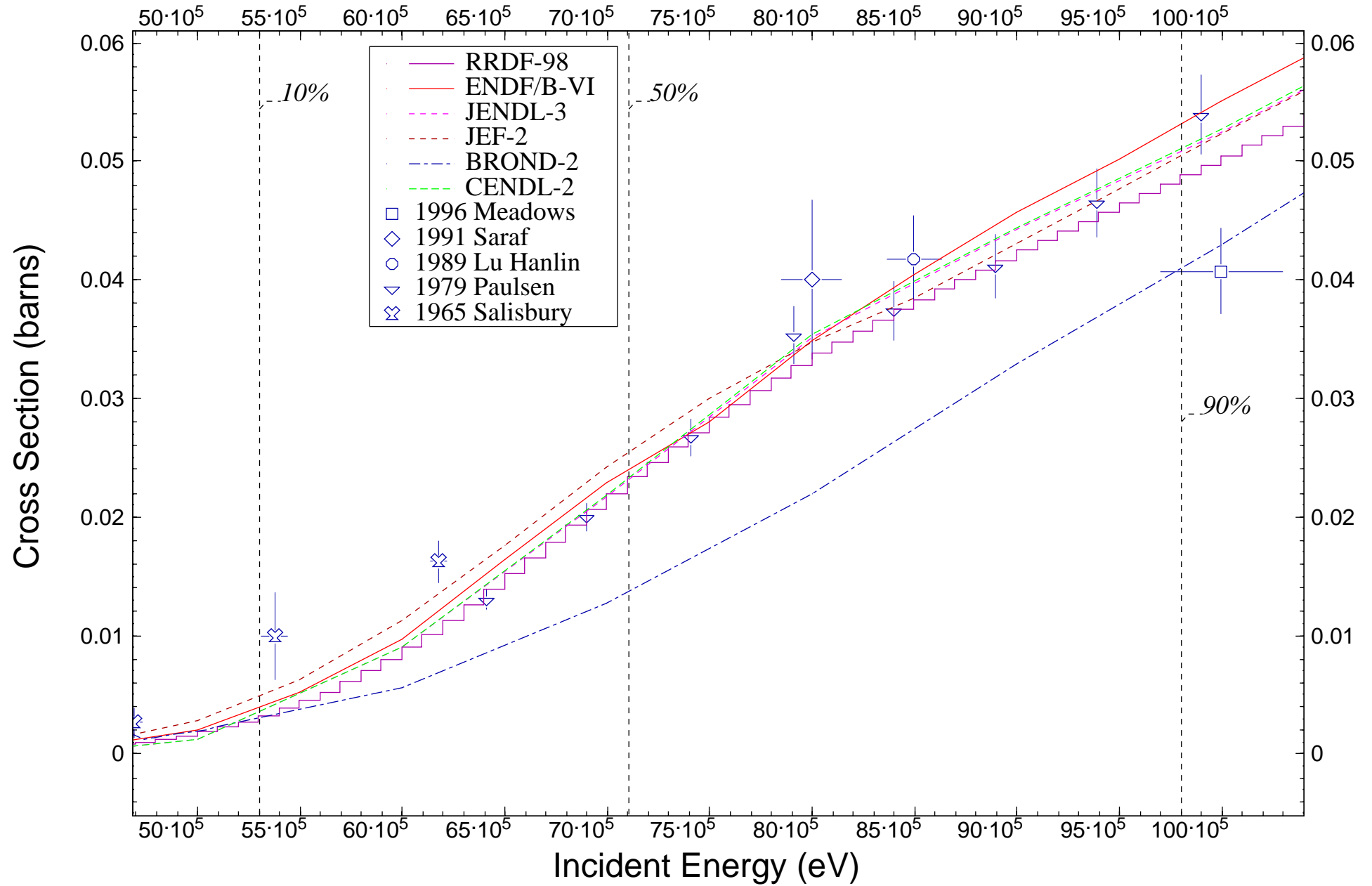
Tabl. 2

Cf-252						
	RRDF-98	ENDF/B-VI	JENDL-3	JEF-2	BROND-2	CENDL-2
10%	5.50	5.40	5.50	5.30	5.30	5.50
50%	7.40	7.30	7.40	7.20	7.50	7.40
90%	10.40	10.40	10.40	10.20	10.80	10.40
ACS	1.14E-03	1.21E-03	1.16E-03	1.29E-03	8.24E-04	1.17E-03

Tabl. 3

1.4+07 1.5+07	1	1USALRC	J,ANS,15,147	7206 J.J.SINGH	10309003
1.4+07 1.5+07	3	1CANCRC	P,EANDC(CAN)-16,1	6301 W.G.CROSS,	11696003
1.4+07 1.5+07	1	1CANCRC	P,EANDC(CAN)-16,1	6301 W.G.CROSS,	11696005
1.5+07 1.5+07	1	1USAARK	J,PR,122,860	61 D.M.CHITTENDEN II,	11718003
2.2+06 1.7+07	9	1USALOK	J,PR/B,140,305	6510 S.R.SALISBURY,	11721002
1.4+07 1.4+07	1	1USAGIT	J,PR,154,1023	67 P.VENUGOPALA RAO,	11722002
8.0+06 8.0+06	1	1USAOHO	J,NSE,107,365	9104 S.K.SARAF,	12812008
1.5+07 1.5+07	1	1USAANL	J,ANE,14,489	8709 J.W.MEADOWS,	12969012
1.4+07 1.5+07	5	1USAANL	S,ASTM-STP-956,743	87 L.R.GREENWOOD	12977010
1.0+07 1.0+07	1	1USAANL 1USALAS	J,ANE,23,877	9607 J.W.MEADOWS,	13586004
1.5+07 1.5+07	1	1USAANL 1USALAS	J,ANE,23,877	9607 J.W.MEADOWS,	13586014
1.5+07 1.5+07	1	2GERJUL	C,71CANT,,121	7109 S.M.QAIM,	20554005
1.5+07 1.5+07	1	2JAPKYU	P,NEANDC(J)-56/U,44	7809 K.FUKUDA,	20841008
6.4+06 1.6+07	17	2ZZZGEL	J,NSE,72,(1),113	7910 A.PAULSEN,	21309006
1.4+07 1.4+07	1	2GERHAM	J,ZN/A,16,227	61 H.POLLEHN,	21352005
1.5+07 1.5+07	1	2GERKIG	R,GKSS-84-E-	84 B.M.BAHAL,	21936016
1.3+07 1.5+07	8	2JPNJAE	R,JAERI-1312	88 Y.IKEDA,	22089041
1.2+07 1.8+07	21	3CPRAEP	R,INDC(CPR)-16	8908 LU HAN-LIN,	30671003
8.5+06 8.5+06	1	3CPRAEP	R,INDC(CPR)-16	8909 LU HANLIN,	30733009
1.5+07 1.5+07	1	4CCPCCP	R,YK-9,50	72 G.N.MASLOV,	40136006
1.5+07 1.5+07	1	4CCPKAZ	J,AE,49,(3),195	8009 O.I.ARTEM'EV,	88021007

$^{54}\text{Fe}(n,\alpha)^{51}\text{Cr}$ 

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