

5-B-10 (n, α) 3-Li-7

Abundance (%) = 19.8 ± 0.3

Q = 2.78952 MeV

E_{thr} = 0.0

IRDF-90 - eval. - Nov 1989 G. Hale, P. Young.
 D-99 (JENDL/D-99) - eval. - Mar 1987 S. Chiba.
 ENDF/B-VI - eval. - Nov 1989 G. Hale, P. Young.
 JENDL-3.2 - eval. - Mar 1987 S. Chiba.
 JEF-2 - eval. - Nov 1989 G. Hale, P. Young.
 CENDL-2 - eval. - Mar 1991 Q. Chen, Z. Chen.

Tabl. 1

U-235						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	1.15E-01	1.15E-01	1.15E-01	1.10E-01	1.15E-01	1.15E-01
50%	7.20E-01	7.20E-01	7.50E-01	7.00E-01	7.20E-01	6.60E-01
90%	3.10	2.70	3.10	2.70	2.95	2.70
ACS	4.63E-01	4.48E-01	4.63E-01	4.50E-01	4.54E-01	4.63E-01

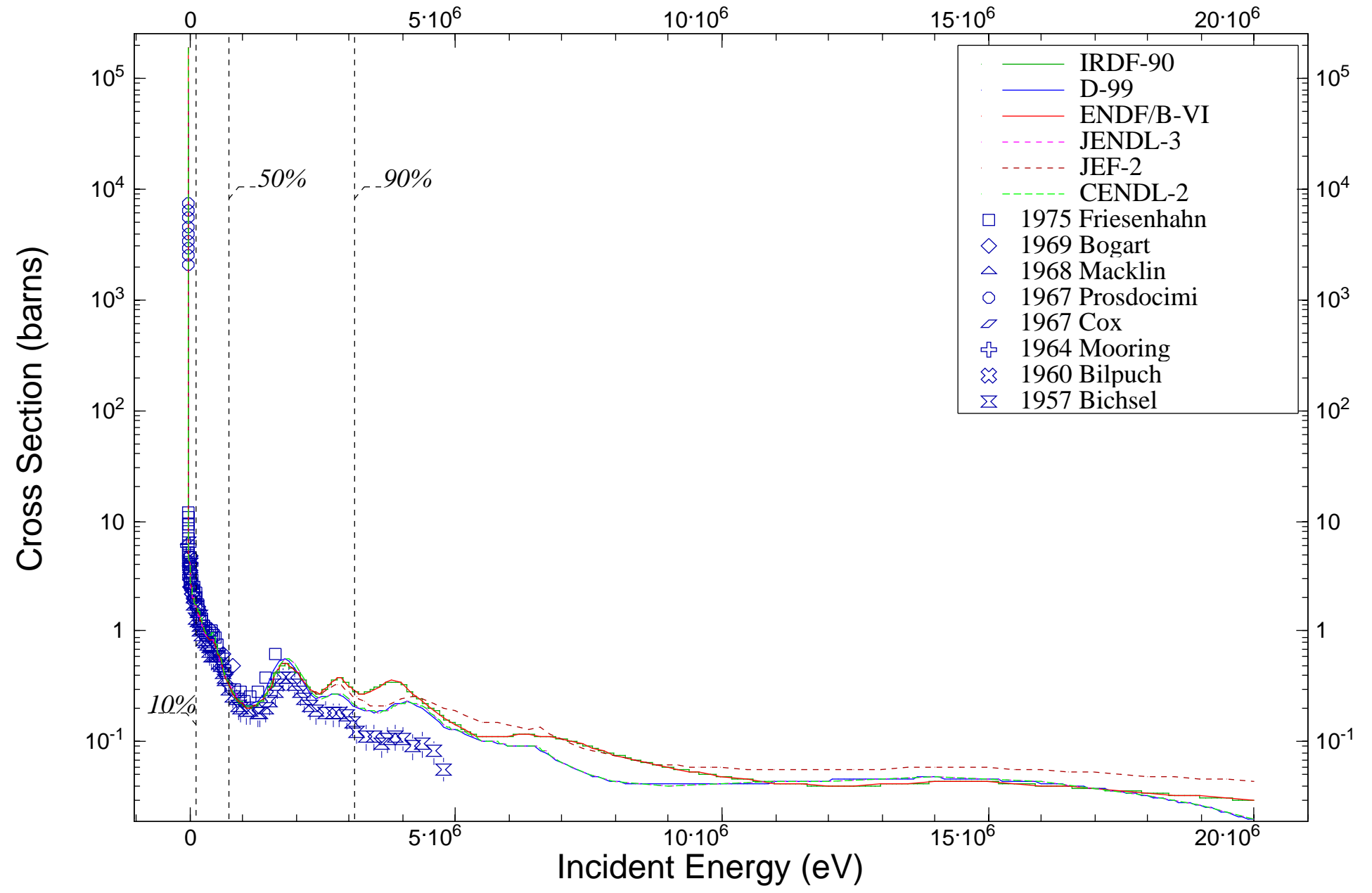
Tabl. 2

Cf-252						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01	1.28E-01
50%	8.80E-01	8.00E-01	8.80E-01	8.00E-01	8.00E-01	7.50E-01
90%	3.30	2.90	3.30	2.90	3.15	2.90
ACS	4.43E-01	4.26E-01	4.43E-01	4.28E-01	4.34E-01	4.40E-01

Tabl. 3

1.1+04 7.7+04	8	1USAANL	P,ANL-6877,5	64	F.P.MOORING,	11185002
1.1+04 7.7+04	8	1USAANL	P,ANL-6877,5	64	F.P.MOORING,	11185003
3.0+03 6.8+04	32	1USADKE	J,AP,10,455	60	E.G.BILPUCH,	11187002
2.0+04 4.8+06	98	1USARIC	J,PR,108,1025	57	H.BICHSEL,	11227003
9.8+04 5.1+05	6	1USAORL	J,PR,165,1147	68	R.L.MACKLIN,	11240002
2.9+04 8.2+05	27	1USALRC 1USABNW	J,NP/A,125,463	69	D.BOGART,	11250002
6.0-03 8.2-02	50	2BLGMOL	J,JNE,21,373	6704	A.PROSDOCIMI,	20192003
2.5-02 2.5-02	2	2BLGMOL	J,JNE,21,373	6704	A.PROSDOCIMI,	20192004
2.3+03 1.7+06	152	1USAIRT	C,75WASH,1,232	7503	S.J.FRIESENHAHN,	10303004
1.1+04 2.5+05	12	2UK ALD	J,JNE,21,271	6703	S.A.COX,	20894002

$^{10}\text{B}(n,\alpha)^7\text{Li}$



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