

3-Li-7 Tritium production

Abundance (%) = 92.41 ± 0.04

D-99 (JENDL/D-99) - eval. - Mar 1985 S. Chiba and K. Shibata.
 JENDL-3.2 - eval. - Dec 1984 S. Chiba and K. Shibata.
 JEF-2 - eval. - May 1986 EC BLANKET TECHNOLOGY, TASK B2.
 CENDL-2 - eval. - Dec 1991 Yu Baosheng and Cai Dunjiu.

Tabl. 1

U-235				
	D-99	JENDL-3	JEF-2	CENDL-2
10%	4.60	4.60	4.40	4.70
50%	5.90	5.90	5.90	6.00
90%	8.00	8.00	8.00	8.10
ACS	1.95E-02	1.95E-02	2.06E-02	1.92E-02

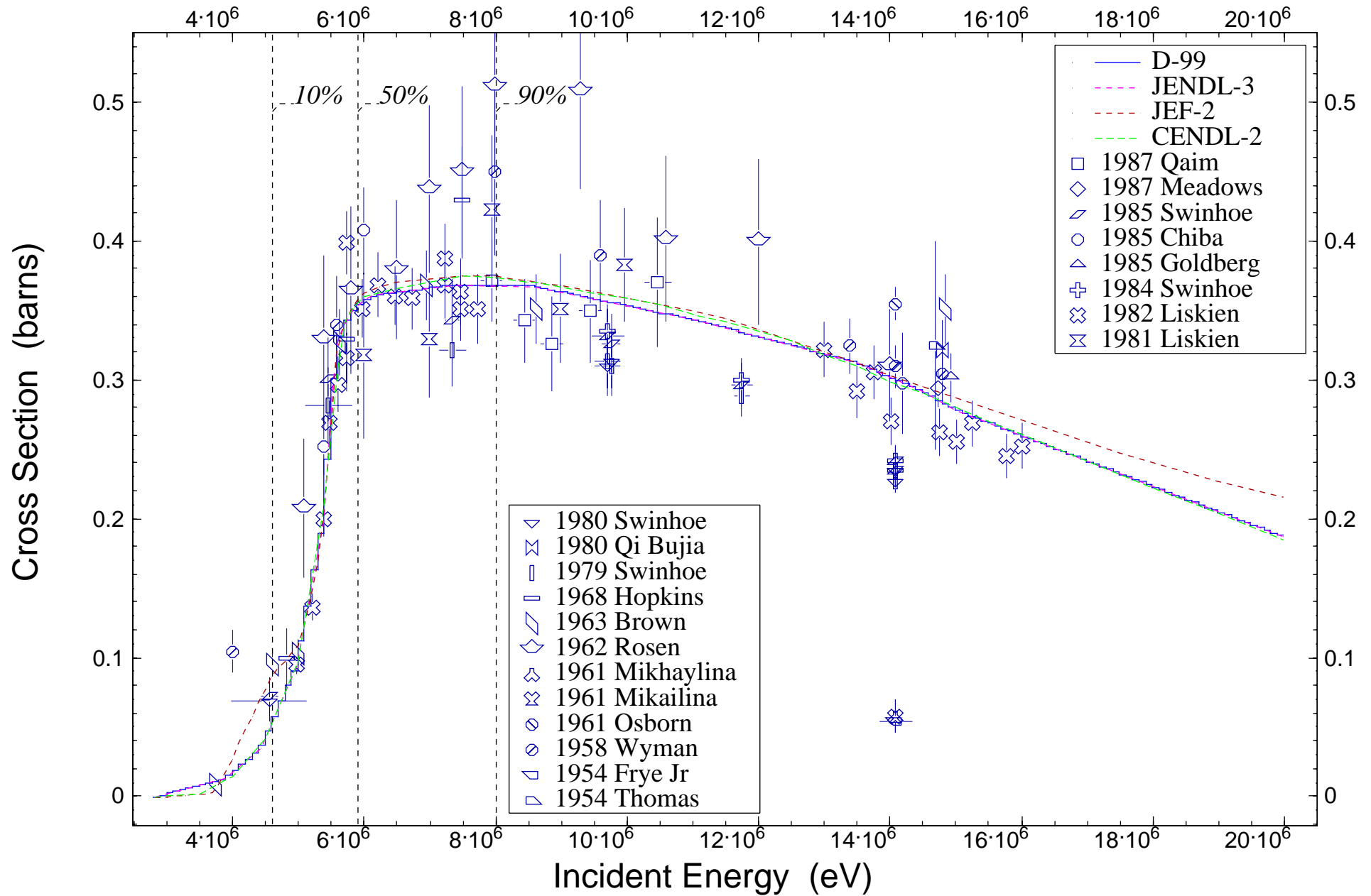
Tabl. 2

Cf-252				
	D-99	JENDL-3	JEF-2	CENDL-2
10%	4.70	4.70	4.50	4.70
50%	6.00	6.03	6.00	6.10
90%	8.40	8.40	8.30	8.40
ACS	2.45E-02	2.45E-02	2.57E-02	2.42E-02

Tabl. 3

5.0+06 1.6+07	26	2ZZZGEL	C,82ANTWER,,349	1982 H.LISKIEN,	21854002
1.5+07 1.5+07	1	1USALAS	R,LA-1697	1954 R.G.THOMAS	12679002
1.5+07 1.5+07	1	1USALRL	J,NSE,91,173	1985 E.GOLDBERG,	12954003
5.4+06 1.4+07	3	2JPNTOH	J,NST,22,(10),771	1985 S.CHIBA,	21986081
1.4+07 1.4+07	1	4RUSKUR	B,NEJTRONFIZ,,249	1961 K.M.MIKHAYLINA,	41226007
1.5+07 1.5+07	1	3CPRAEP	J,CST,14,(1),101	1980 QI BUJIA,	30770002
4.0+06 1.5+07	7	1USALAS	R,LA-2235	1958 M.E.WYMAN,	11018002
1.4+07 1.4+07	2	2UK HAR	J,NSE,89,261	1985 M.T.SWINHOE,	21966003
4.6+06 4.6+06	1	2UK HAR	J,NSE,89,261	1985 M.T.SWINHOE,	21966004
5.5+06 1.2+07	5	2UK HAR	J,NSE,89,261	1985 M.T.SWINHOE,	21966002
4.6+06 1.4+07	8	2UK HAR	P,AERE-PR/NP-31,28	1984 M.T.SWINHOE	21960002
1.4+07 1.4+07	1	4CCPCCP	B,SPN,,185	1961 K.M.MIKAILINA,	80345007
5.1+06 1.4+07	11	1USALAS	J,PR,126,1150	1962 L.ROSEN,	11114004
4.8+06 7.5+06	3	1USALAS	J,NP/A,107,139	1968 J.C.HOPKINS,	11153015
3.7+06 1.5+07	7	2UK ALD	J,JNE,17,137	1963 F.BROWN	21226002
7.9+06 8.0+06	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049005
8.4+06 8.5+06	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049006
8.8+06 8.9+06	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049007
9.4+06 9.5+06	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049008
1.0+07 1.0+07	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049009
1.0+07 1.0+07	1	2GERJUL	J,NSE,96,52	1987 S.M.QAIM,	22049010
1.4+07 1.4+07	1	1USALAS	J,PR,93,1086	1954 G.M.FRYE JR	11071010
1.5+07 1.5+07	1	1USAANL	J,ANE,14,489	1987 J.W.MEADOWS,	12969022
1.4+07 1.4+07	1	2UK ALD	R,AWRE-NR/C-1/61	1961 A.R.OSBORN,	21473002
5.5+06 1.2+07	5	2UK HAR	P,AERE-PR/NP-26,39	1979 M.T.SWINHOE,	20986002
1.4+07 1.4+07	2	2UK HAR	P,AERE-PR/NP-26,39	1979 M.T.SWINHOE,	20986010
5.5+06 1.2+07	5	2UK HAR	R,AERE-R-9929	1980 M.T.SWINHOE,	21742002
1.4+07 1.4+07	2	2UK HAR	R,AERE-R-9929	1980 M.T.SWINHOE,	21742003
4.6+06 4.6+06	1	2UK HAR	R,AERE-R-9929	1980 M.T.SWINHOE,	21742004
6.0+06 1.0+07	5	2ZZZGEL	J,ANE,8,(9),423	1981 H.LISKIEN,	21749003

^7Li Tritium production



^7Li Tritium production

