

3-Li-6 Alpha production

Abundance (%) = 7.59±0.04

D-99 (JENDL/D-99) - eval. - Mar 1985 S. Chiba and K. Shibata.

Tabl. 1

U-235	
	D-99
10%	2.10E-01
50%	1.10
90%	4.70
ACS	4.79E-01

Tabl. 2

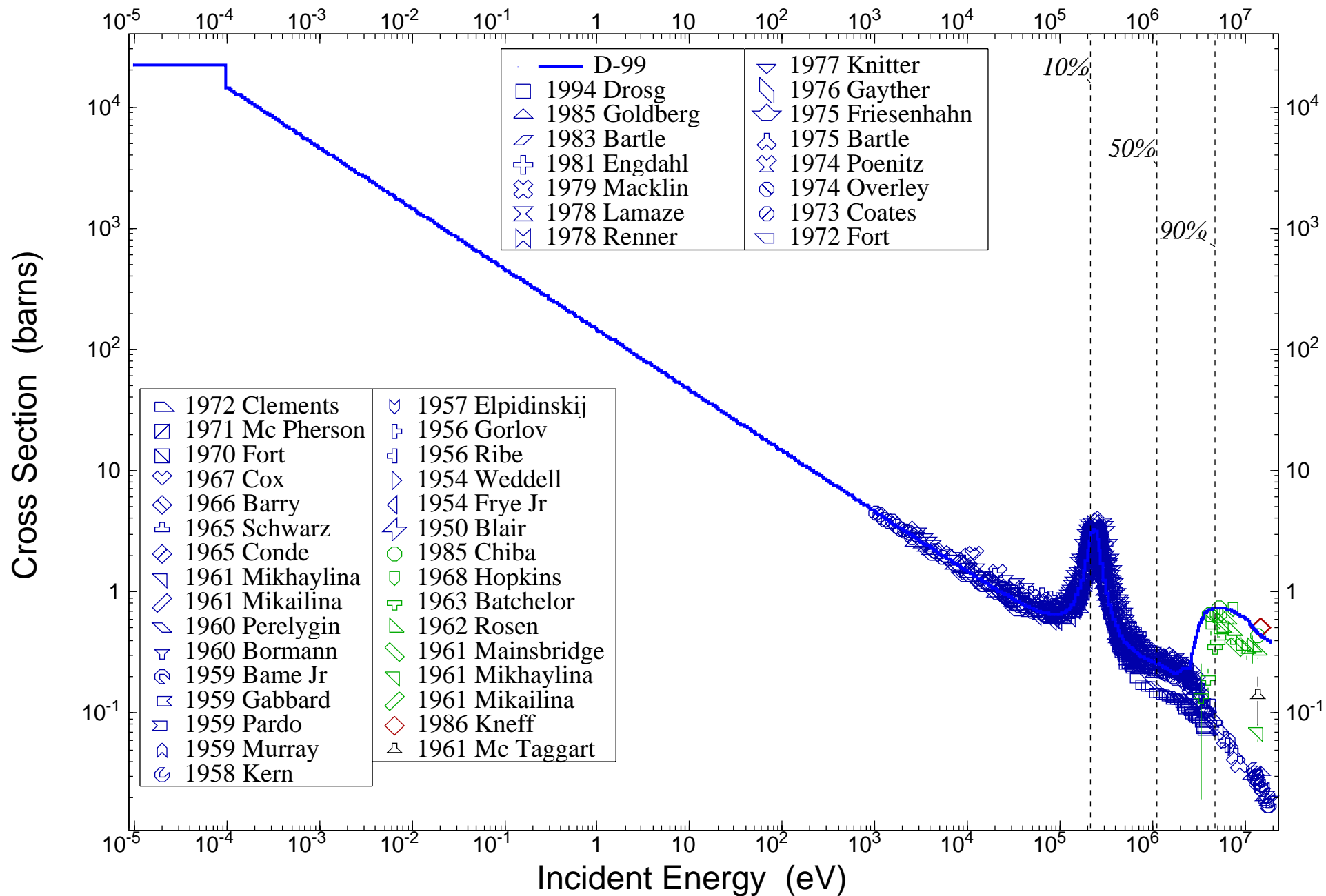
Cf-252	
	D-99
10%	2.20E-01
50%	1.40
90%	5.00
ACS	4.78E-01

Tabl. 3

1.0+04 2.9+05	32	1USAQTY	C,71KNOX,2,611,7103	7103 M.R.Mc Pherson,	10228002
2.4+03 1.7+06	152	1USAIRT	C,75WASH,1,232,7503	7503 S.J.Friesenhahn,	10303005
9.1+04 1.5+06	67	1USAANL	J,ZP,268,359,7407	7407 W.P.Poenitz	10378002
1.0+05 1.8+06	25	1USAORE	J,NP/A,221,573,7403	7403 J.C.Overley,	10382004
2.2+06 9.7+06	23	1USAWis	C,75WASH,,688,7503	7503 C.M.Bartle	10446002
2.8+03 7.8+05	86	1USANBS	J,NSE,68,183,7811	7811 G.P.Lamaze,	10607002
2.3+04 2.3+04	1	1USAMHG	J,NSE,78,44,8105	8105 J.C.Engdahl,	10755002
2.2+05 2.7+05	3	1USAORL	J,BAP,23,526(BI3),7804	7804 C.Renner,	10841002
7.0+04 3.0+06	106	1USAORL	J,NSE,71,205,7908	7908 R.L.Macklin,	10895002
2.7+05 2.7+05	1	1USANWU	J,BAP,4,218(AB6),59	5901 B.Pardo,	11008002
1.4+07 1.4+07	1	1USALAS	J,PR,93,1086,5403	5403 G.M.Frye Jr	11071006
1.5+06 2.0+06	2	1USANWU	J,PR,95,117,5407	5407 J.B.Weddell,	11076002
8.8+05 1.4+07	11	1USALAS	J,PR,103,741,56	5601 F.L.Ribe	11094002
2.5+04 4.1+06	122	1USARIC	J,PR,114,201,59	5901 F.Gabbard,	11098005
2.6+05 6.0+05	4	1USARIC	J,PR,114,201,59	5901 F.Gabbard,	11098006
9.0+03 3.4+05	29	1USALAS	J,PR,114,1580,59	5901 S.J.Bame Jr,	11103002
1.2+06 3.8+06	14	1USAORL	J,PR,115,1707,59	5901 R.B.Murray,	11105002
3.6+06 8.0+06	10	1USAORL	J,PR,115,1707,59	5901 R.B.Murray,	11105003
1.7+06 4.1+06	11	1USAORL	J,PR,115,1707,59	5901 R.B.Murray,	11105004
1.4+05 6.2+05	13	1USAANL	P,ANL-4515,7,5010	5010 J.M.Blair,	11159002
1.3+07 1.8+07	35	1USANRD	J,PR,112,926,5811	5811 B.D.Kern,	11168002
1.5+07 1.5+07	1	1USALRL	J,NSE,91,173,8510	8510 E.Goldberg,	12954002
5.0+04 4.1+06	18	1USALAS	J,NIM/B,94,319,1994	9401 M.Drosg,	13723002
1.0+05 1.0+05	1	2SWDFOA	J,AF,29,45,6501	6501 H.Conde,	20026002
2.9+03 1.5+05	31	2SWDFOA	J,NP,63,593,6503	6503 S.Schwarz,	20059002
1.6+05 5.9+05	52	2SWDFOA	J,NP,63,593,6503	6503 S.Schwarz,	20059005
1.6+05 6.4+05	20	2UKHAR	R,AERE-R-7075,7207	7207 P.J.Clements,	20400002
3.3+05 2.4+06	25	2UKHAR	R,AERE-R-7075,7207	7207 P.J.Clements,	20400003
1.7+06 3.9+06	23	2UKHAR	R,AERE-R-7075,7207	7207 P.J.Clements,	20400004
1.0+03 3.3+05	159	2UKHAR	P,EANDC(UK)-151,10,730	7308 M.S.Coates,	20410002
1.4+04 1.7+05	25	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412002

2.1+04 1.7+05	20	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412003
1.2+05 3.2+05	18	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412004
1.2+05 3.2+05	19	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412005
5.2+05 1.7+06	18	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412006
5.2+05 1.7+06	18	2FRCAD	R,EANDC(E)-148,7201	7201 E.Fort,	20412007
8.2+04 5.2+05	40	2FRCAD	C,70HELSINKI,1,253,700	7006 E.Fort	20551002
8.5+04 5.0+05	84	2ZZZGEL	R,EUR-5726E,1,7704	7704 H.H.Knitter,	20749005
3.0+03 8.1+05	112	2UKHAR	W,GAYTHER,761222	7612 D.B.Gayther	20862003
2.5+04 1.0+05	3	2UKALD	C,66WASH,2,763,6603	6603 J.F.Barry	20893002
1.1+04 1.0+05	7	2UKALD	J,JNE,21,271,6703	6703 S.A.Cox,	20894003
1.4+07 1.4+07	1	2GERHAM	J,ZN/A,15,200,6003	6003 M.Bormann,	21668011
2.5+06 2.5+06	1	2GERHAM	J,ZN/A,15,200,6003	6003 M.Bormann,	21668012
1.2+07 1.8+07	15	3AULCBR	J,NP/A,397,21,8303	8303 C.M.Bartle,	30651002
2.2+06 2.2+06	1	4CCPCCP	J,AE,9,(6),488,6012	6012 V.P.Perelygin,	40455002
9.1+03 7.3+05	24	4CCPCCP	J,DOK,111,(4),791,56	5601 G.V.Gorlov,	40708002
2.5+06 2.5+06	1	4CCPLEB	J,AE/S,5,75,57	5701 A.V.Elpidinskij,	40774002
1.4+07 1.4+07	1	4RUSKUR	B,NEJTRONFIZ,,249,6104	6104 K.M.Mikhaylina,	41226003
1.4+07 1.4+07	1	4CCPCCP	B,SPN,,185,61	6101 K.M.Mikailina,	80345003
4.4+06 1.4+07	12	1USALAS	J,PR,126,1150,62	6201 L.Rosen,	11114003
4.8+06 7.5+06	3	1USALAS	J,NP/A,107,139,6801	6801 J.C.Hopkins,	11153005
8.0+06 8.0+06	1	1USARIC	P,WASH-1034,29,6112	6112 B.Mainsbridge,	12660003
3.4+06 7.5+06	6	2UKALD	J,NP,47,385,6309	6309 R.Batchelor,	21147024
4.2+06 1.4+07	3	2JPNTOH	J,NST,22,(10),771,8510	8510 S.Chiba,	21986040
1.4+07 1.4+07	1	4RUSKUR	B,NEJTRONFIZ,,249,6104	6104 K.M.Mikhaylina,	41226004
1.4+07 1.4+07	1	4CCPCCP	B,SPN,,185,61	6101 K.M.Mikailina,	80345004
1.5+07 1.5+07	1	1USAAI	J,NSE,94,136,8610	8610 D.W.Kneff,	12978002
1.4+07 1.4+07	1	2UKALD	R,ACO/UK-1337,,6112	6112 M.H.Mc Taggart	21480002

${}^6\text{Li}$ Alpha production



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