

93-Np-237 (n, f)

$$T_{1/2} = 2.144 \cdot 10^6 \text{ y}$$

IRDF-90	- eval. - Apr 1978 F. Mann, J. Smith, W. Stein et al.
D-99 (JENDL/D-99)	- eval. - Apr 1996 K. Kobayashi.
ENDF/B-VI	- eval. - Apr 1990 P. Young, E. Arthur, F. Mann.
JENDL-3.2	- eval. - Nov 1987 Y.Uenohara, Y. Kanda.
JEF-2	- eval. - Jun 1982 JEF SCG
CENDL-2	- eval. - May 1990 G. Tang, J. Fan, S. Bao, W. Cao.

Tabl. 1

U-235						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	8.00E-01	8.00E-01	8.00E-01	8.25E-01	8.30E-01	8.25E-01
50%	1.90	1.90	1.90	1.95	1.94	1.90
90%	4.40	4.40	4.40	4.43	4.40	4.40
ACS	1.32	1.30	1.29	1.31	1.28	1.28

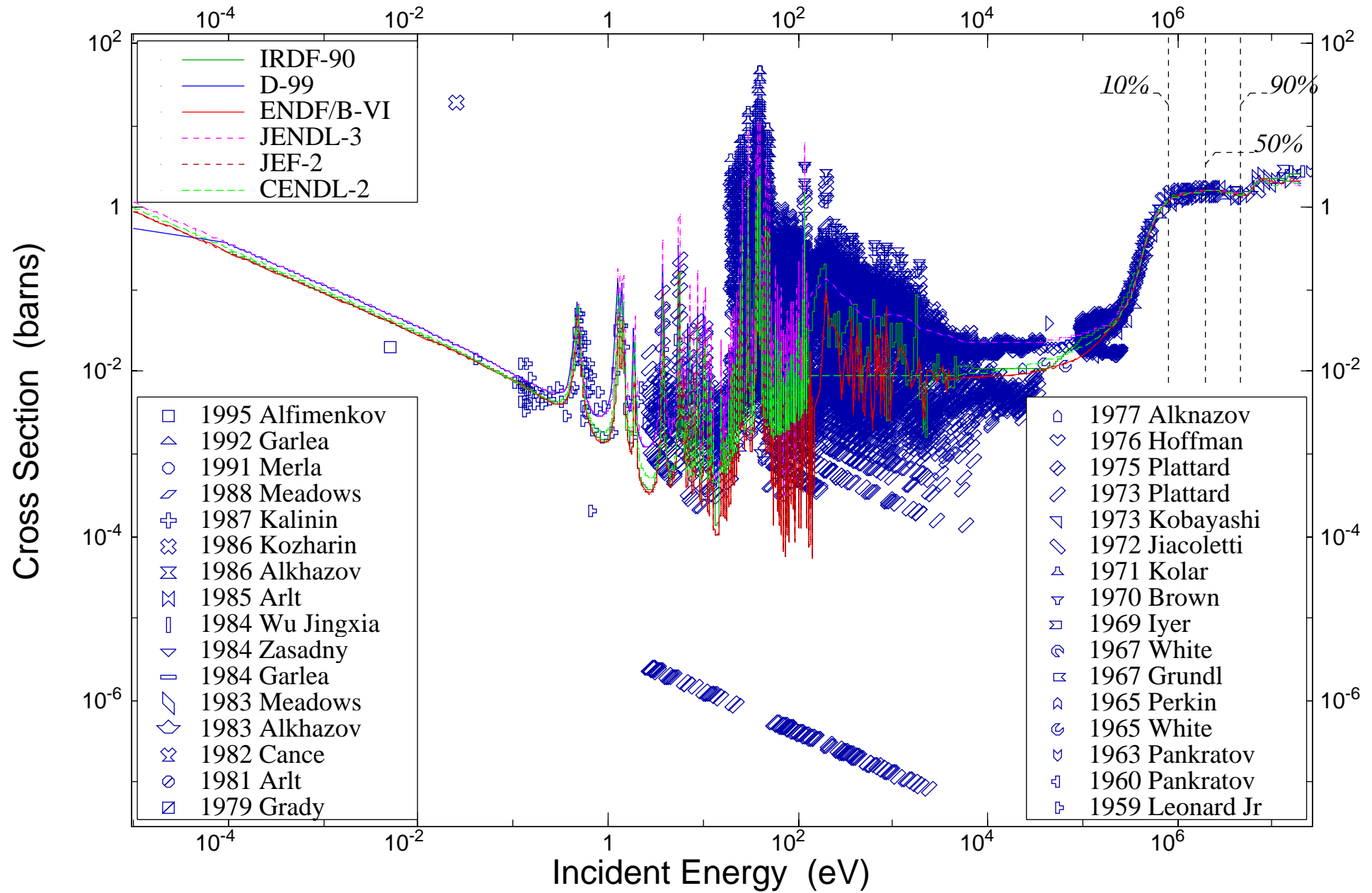
Tabl. 2

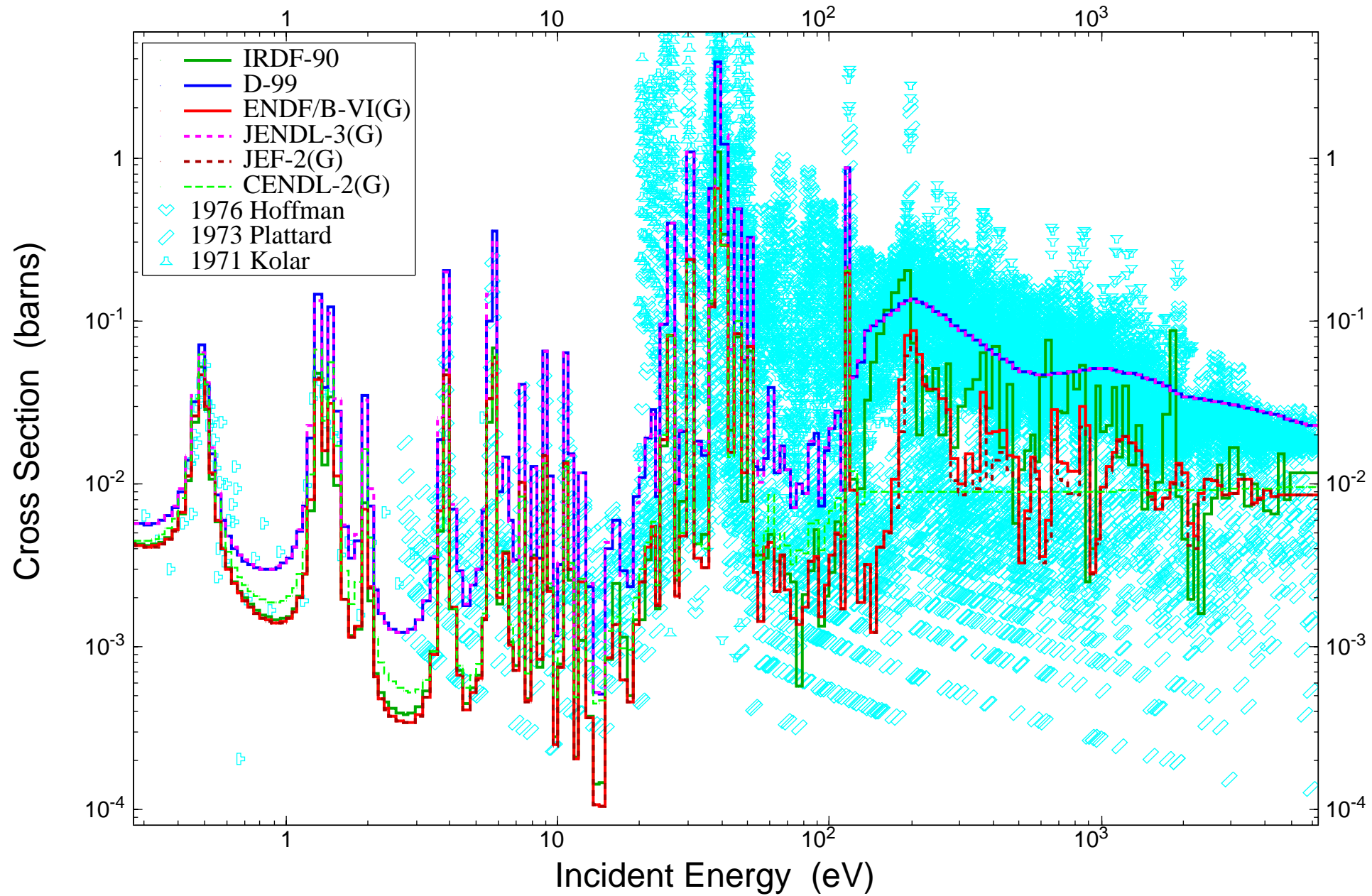
Cf-252						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	CENDL-2
10%	8.40E-01	8.40E-01	8.40E-01	8.50E-01	8.57E-01	8.51E-01
50%	2.00	2.00	2.00	2.00	2.00	2.00
90%	4.80	4.80	4.80	4.74	4.80	4.80
ACS	1.35	1.33	1.32	1.34	1.31	1.31

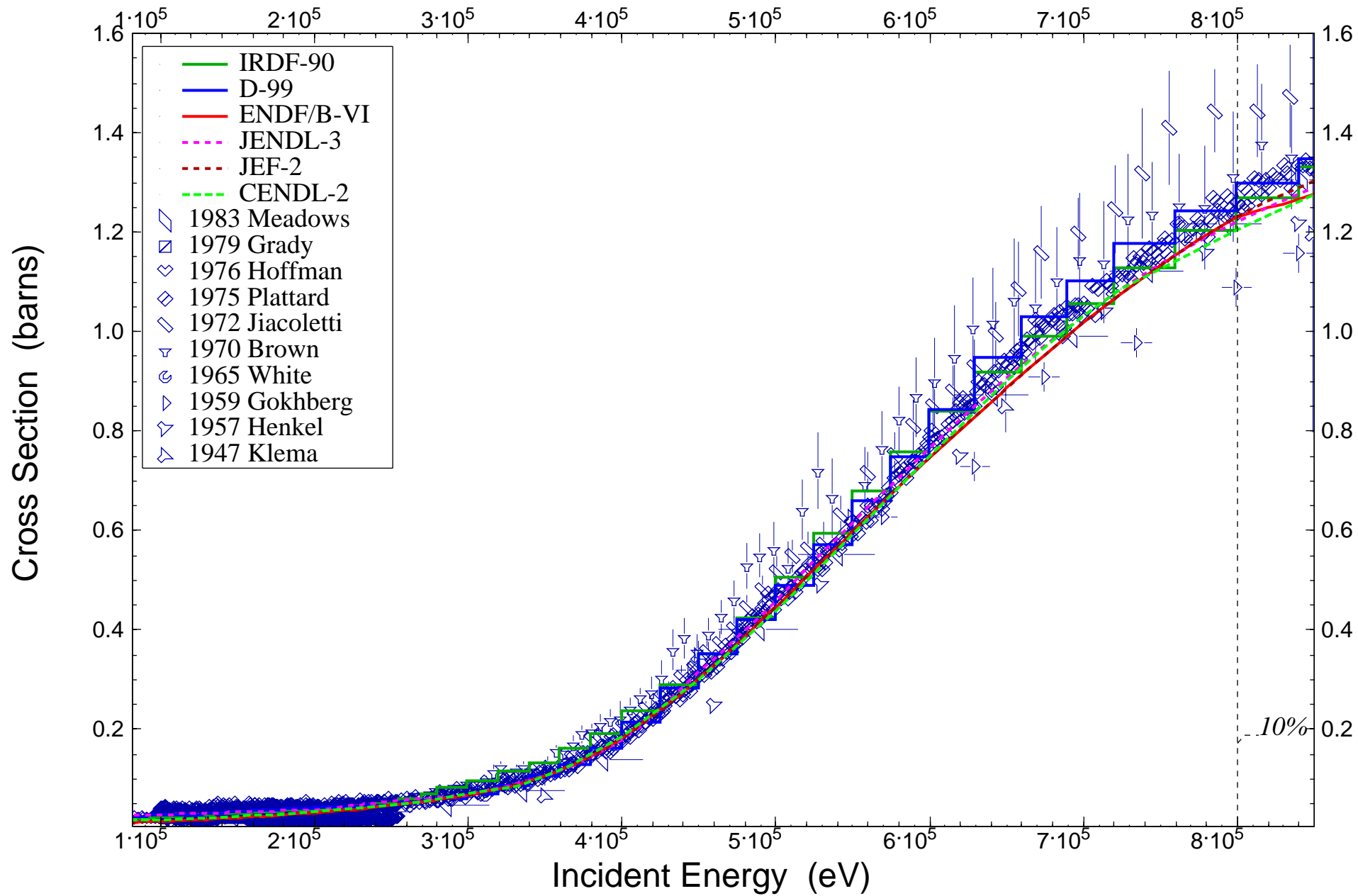
Tabl. 3

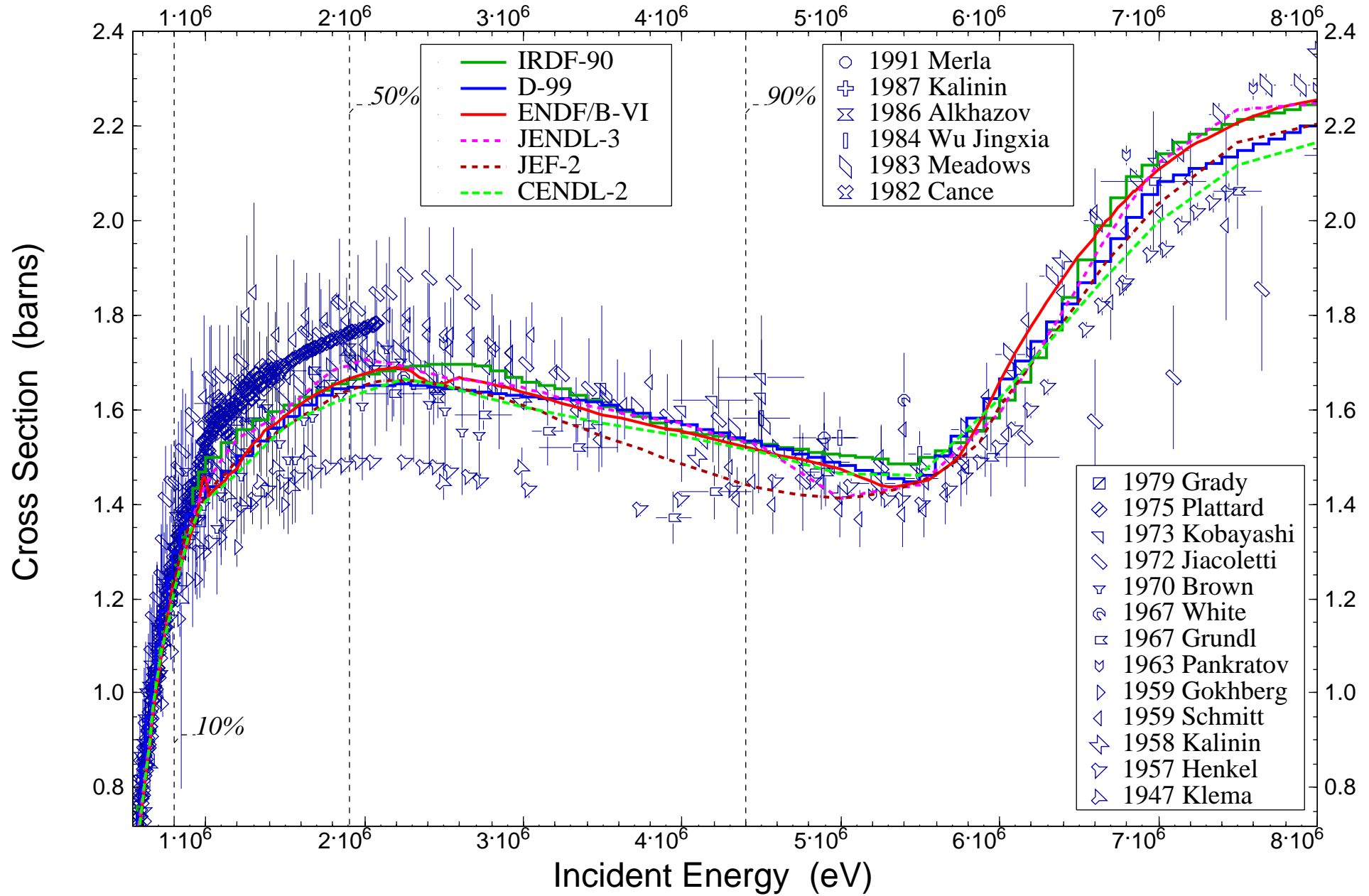
3.2+01	2.8+06	2496	1USALAS	J,NP/A,156,609,197011	7011 W.K.Brown,	10060002
2.0+05	7.7+06	102	1USALAS	J,NSE,48,412,7208	7208 R.J.Jiacoletti,	10182002
2.0+01	2.5+05	19300	1USALAS	J,BAP,21,655(JE3),7604	7604 M.M.Hoffman,	10366002
1.1+06	8.1+06	17	1USALAS	J,NSE,30,39,6710	6710 J.A.Grundl	10417003
7.7+05	9.6+05	2	1USAMHG	C,79KNOX,,976,7910	7910 D.J.Grady,	10947002
4.6+05	7.5+06	52	1USALAS	R,LA-2114,57	5701 R.L.Henkel	12321006
4.1-02	5.3+00	100	1USAHAN	J,BAP,4,31(K1),5901	5901 B.R.Leonard Jr,	12476002
1.6+06	7.4+06	47	1USAORL	J,PR,116,1575,59	5901 H.W.Schmitt,	12488002
9.1+05	7.4+06	74	1USAORL	J,PR,116,1575,59	5901 H.W.Schmitt,	12488003
2.5+05	3.0+06	16	1USALAS	J,PR,72,88,4707	4707 E.D.Klema	12492002
1.3+05	9.4+06	66	1USAANL	J,NSE,85,271,8311	8311 J.W.Meadows	12852002
1.5+07	1.5+07	1	1USAMHG	J,ANS,47,425,8411	8411 K.R.Zasadny,	12910003
1.5+07	1.5+07	1	1USAANL	J,ANE,15,421,8808	8808 J.W.Meadows	13134008
2.0+01	5.2+01	1171	2ZZZGEL	J,ZP,248,355,7112	7112 W.Kolar,	20138002
3.5+06	4.9+06	7	2JPNKTO	W,KOBAYASHI,73	7301 K.Kobayashi,	20300002
1.0+05	2.1+06	1592	2FRSAC	C,75KIEV,,7506	7506 S.Plattard,	20423002
2.7+00	3.5+04	3923	2FRSAC	T,PLATTARD,7311	7311 S.Plattard	20448002
2.4+04	2.4+04	1	2UKALD	J,JNE/AB,19,(6),423,65	6506 J.L.Perkin,	20584006
1.0+06	1.4+07	4	2UKALD	J,JNE,21,671,6708	6708 P.H.White,	21195006
4.0+04	5.1+05	5	2UKALD	C,65SALZBURG,1,219,650	6503 P.H.White,	21463005
2.5+06	2.5+06	1	2FRBRC	C,82ANTWER,51,8209	8209 M.Cance,	21821006
2.5+06	2.5+06	1	2FRBRC	C,82ANTWER,51,8209	8209 M.Cance,	21821007
4.9+06	1.9+07	3	2GERDRE	C,91JUELIC,,510,9105	9105 K.Merla,	22304004
1.5+07	1.5+07	1	2GERDRE	C,91JUELIC,,510,9105	9105 K.Merla,	22304008
1.4+07	1.4+07	1	3INDTRM	C,69ROORKEE,2,289,6912	6912 R.H.Iyer,	30035005
1.5+07	1.5+07	1	3DDRTUD	J,KE,24,48,8102	8102 R.Arlt,	30475004
8.7+06	8.7+06	1	3DDRTUD	J,IP,21,344,85	8501 R.Arlt,	30558003

4.0+06 5.5+06	4	3CPRAEP	J,CNP,6,369,8411	8411 Wu Jingxia,	30717002
1.5+07 1.5+07	1	3RUMPIT	J,RRP,29,421,84	8401 I.Garlea,	30813009
1.5+07 1.5+07	1	3RUMBUC	J,RRP,37,(1),19,92	9201 I.Garlea,	31459024
1.5+07 1.5+07	1	4CCPCCP	J,AE,4,(2),190,5802	5802 A.N.Protopopov,	40390003
1.5+07 1.5+07	1	4CCPRI	C,77KIEV,3,155,7704	7704 I.D.Alknazov,	40552003
9.6+06 2.2+07	17	4CCPKUR	J,AE,9,399,60	6001 V.M.Pankratov,	40638003
2.5+06 2.6+07	29	4CCPKUR	J,AE,14,177,63	6301 V.M.Pankratov	40653004
1.2+04 1.5+06	25	4CCPKUR	J,DOK,128,(6),1157,59	5901 B.M.Gokhberg,	40714003
2.5+06 8.3+06	13	4CCPKUR	C,58GENEVA,16,136(2149	5809 S.P.Kalinin,	40741004
2.5-02 2.5-02	1	4CCPRI	J,AE,60,(6),419,8606	8606 V.V.Kozharin,	40901002
8.4+06 1.5+07	2	4CCPRI	C,83MOSKVA,2,201,83	8301 I.D.Alkhazov,	40911006
1.9+06 1.9+06	1	4CCPRI	J,YK,,(4),19,8612	8612 I.D.Alkhazov,	40927004
1.9+06 1.9+06	1	4CCPRI	J,YK,,(4),3,87	8701 V.A.Kalinin,	40976003
5.2-03 5.2-03	1	4ZZZDUB	J,YF,58,(5),799,9505	9505 V.P.Alfimenkov,	41174005

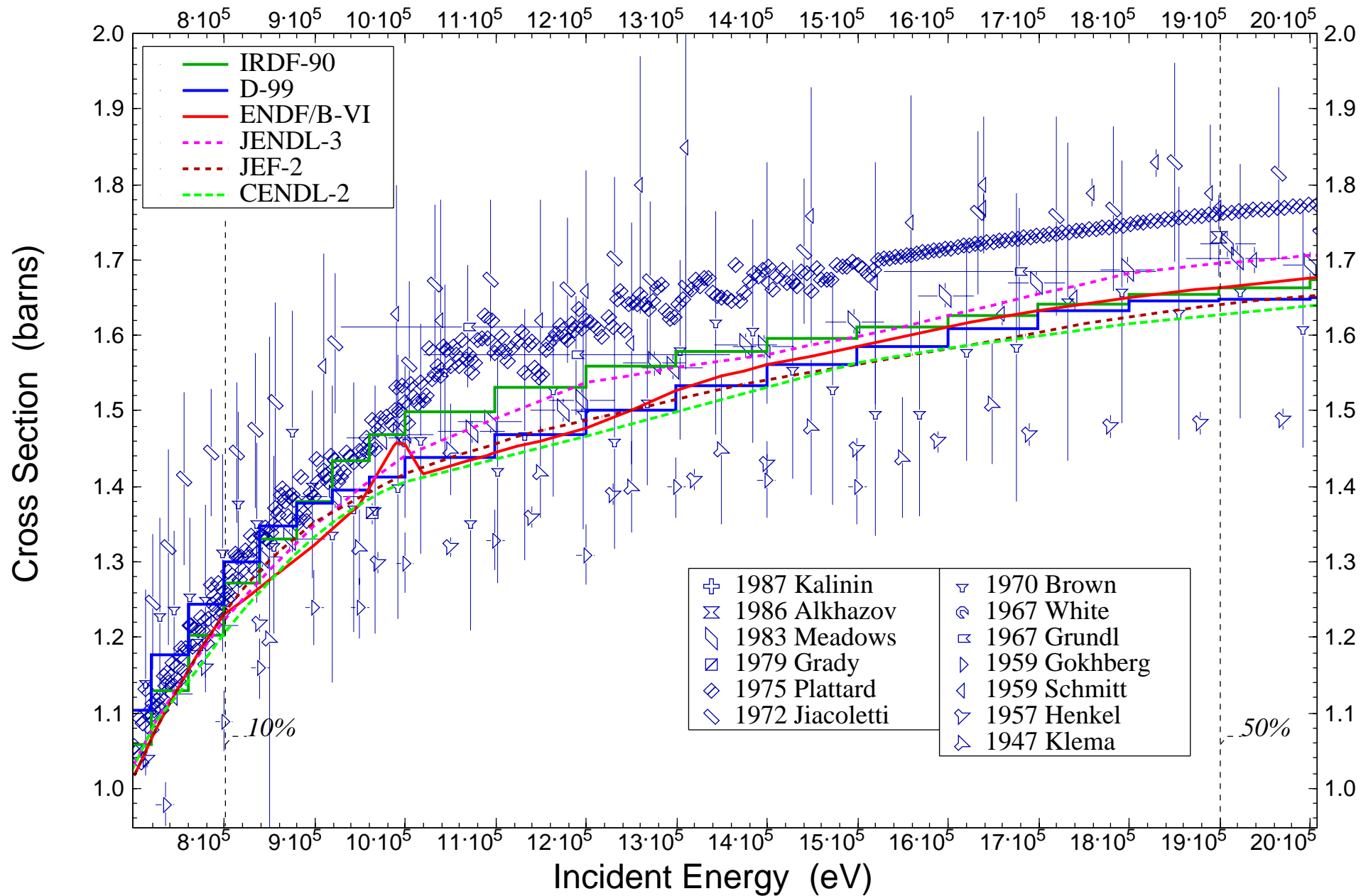
$^{237}\text{Np}(n,f)$ 

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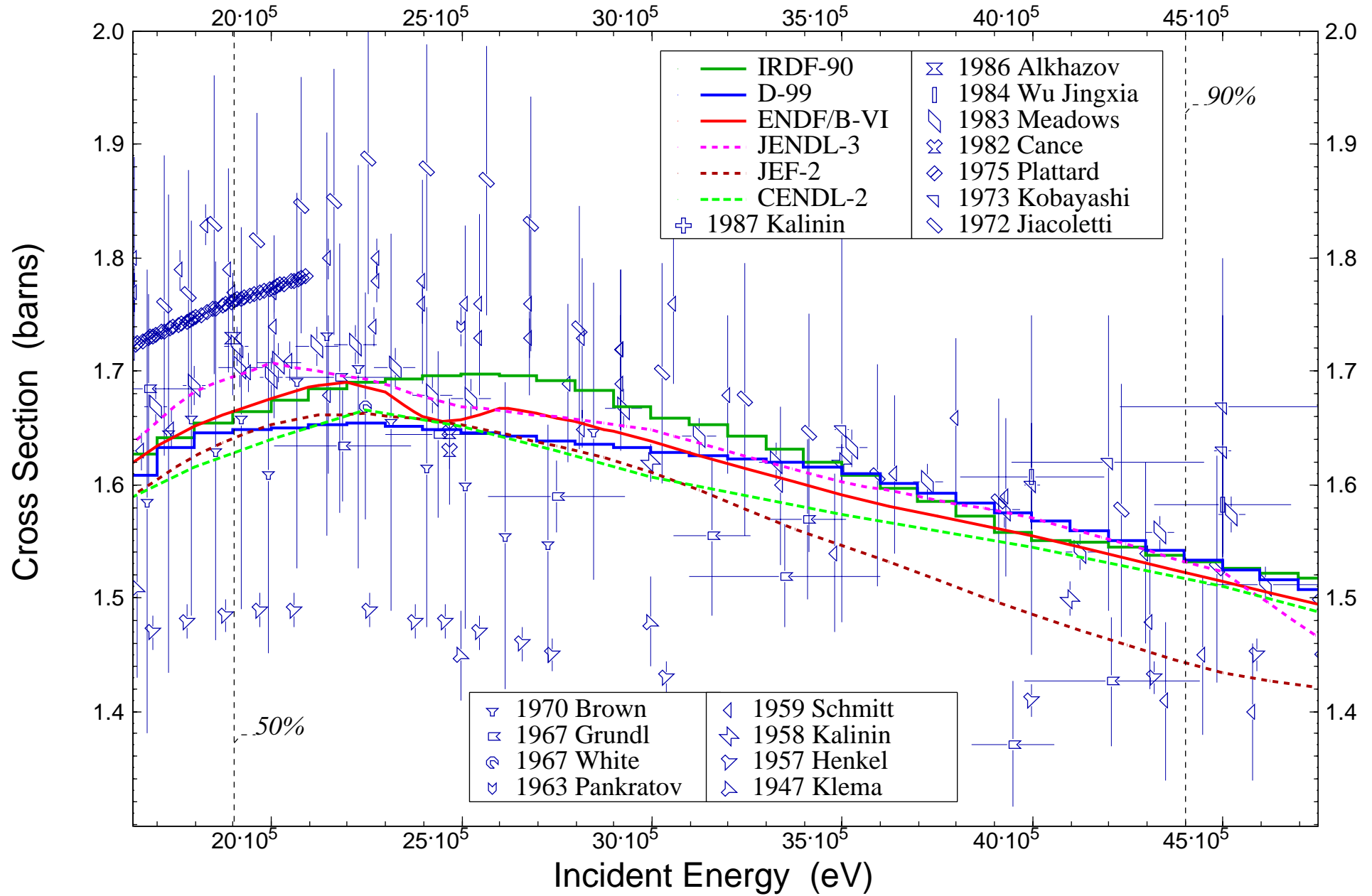
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