

92-U-235 (n, f)

Abundance (%) = 0.7204 ± 0.0006 T_{1/2} = 703.8·10⁶ y 5

IRDF-90 - eval. - Apr 1989 L. Weston, P. Young, W. Poenitz.
 D-99 (JENDL/D-99) - eval. - Aug 1993 H. Matsunobu, K. Hida, T. Nakagawa.
 ENDF/B-VI - eval. - Nov 1989 L. Weston, P. Young, W. Poenitz et al.
 JENDL-3.2 - eval. - Mar 1987 H. Matsunobu, K. Hida, T. Nakagawa.
 JEF-2 - eval. - Aug 1990 E. Fort, H. Tellier.
 BROND-2 - eval. - Apr 1985 V. Kon'Shin, E. Suchovitskij, G. Antipov.

Tabl. 1

U-235						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2
10%	3.40E-01	3.40E-01	3.40E-01	3.50E-01	3.40E-01	3.40E-01
50%	1.50	1.50	1.50	1.55	1.50	1.50
90%	4.00	4.00	4.01	4.05	4.00	4.00
ACS	1.22	1.23	1.22	1.23	1.22	1.24

Tabl. 2

Cf-252						
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2	BROND-2
10%	3.80E-01	3.80E-01	3.80E-01	3.84E-01	3.80E-01	3.80E-01
50%	1.60	1.60	1.60	1.65	1.60	1.60
90%	4.40	4.40	4.40	4.40	4.40	4.40
ACS	1.22	1.23	1.22	1.23	1.22	1.24

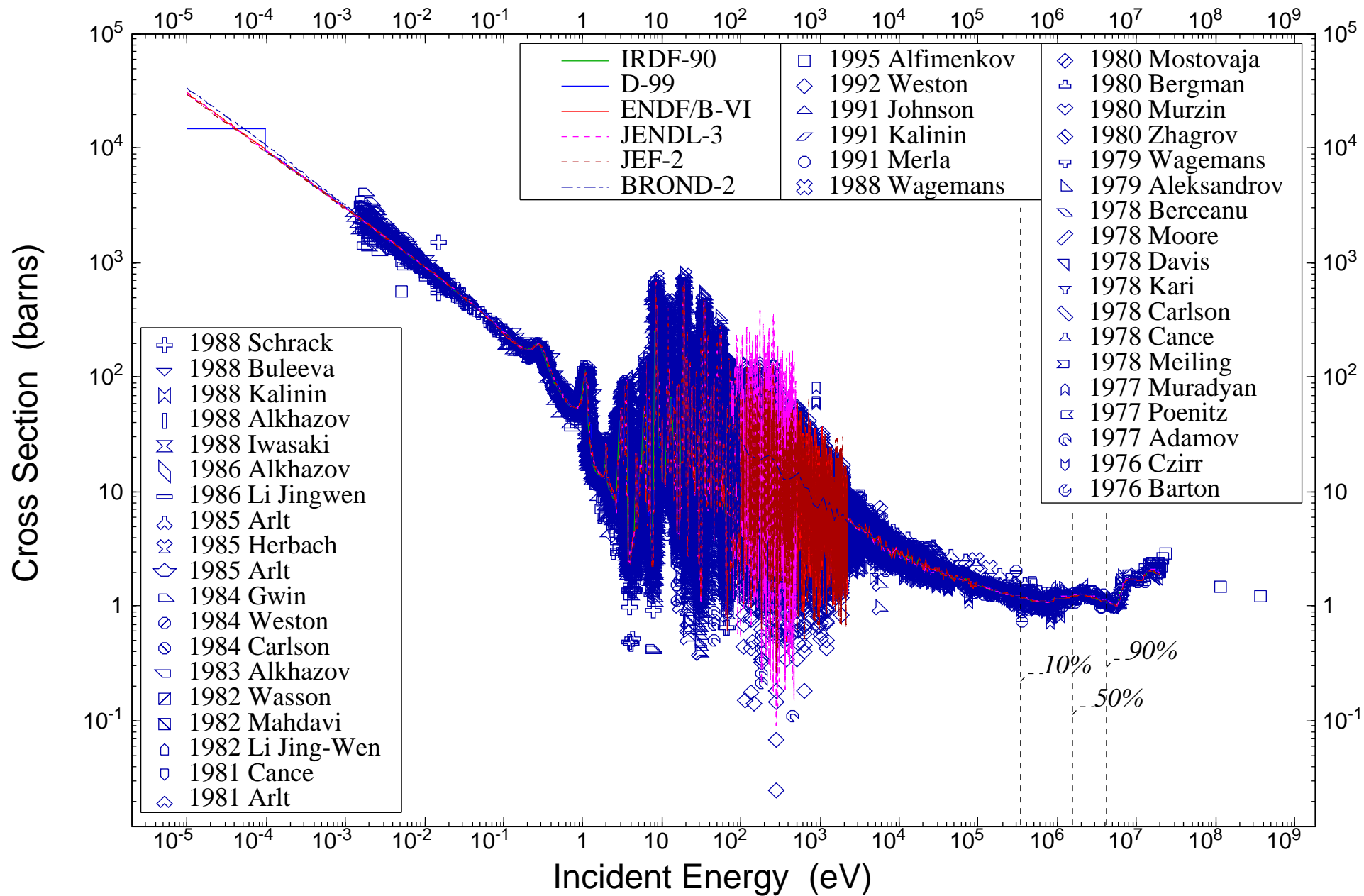
Tabl. 3

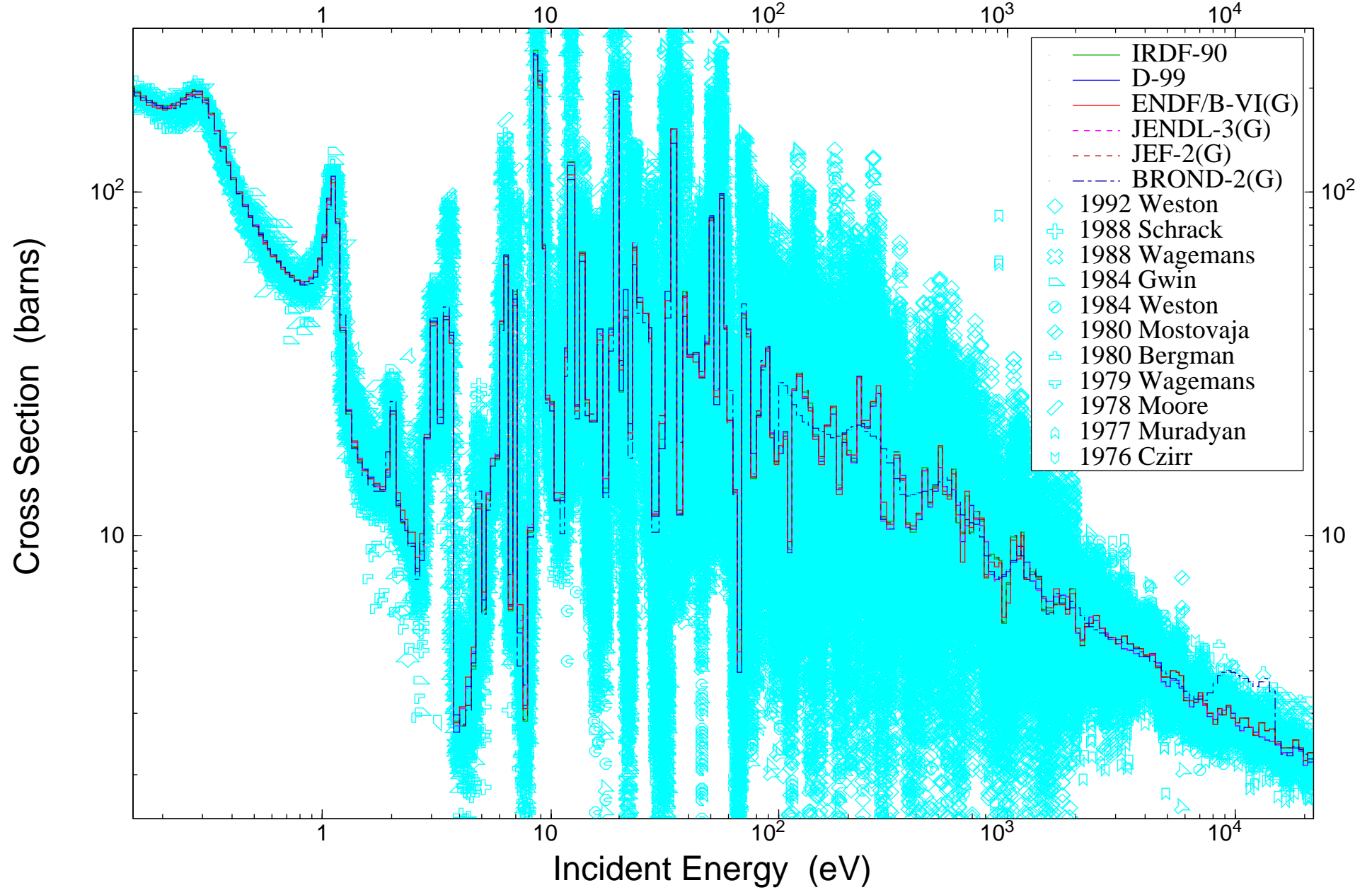
2.0+01	1.0+03	2801	1USALAS	R,LA-4285,196912	6912 J.D.Cramer,	10054002
1.0+01	2.8+06	3600	1USALAS	R,LA-4420,45,197006	7006 J.D.Cramer	10057002
2.0+01	1.0+05	6847	1USALAS	J,NSE,43,281,7103	7103 J.R.Lemley,	10120002
5.5+05	6.4+05	2	1USAANL	C,70ANL,,281,70	7001 W.P.Poenitz	10296002
1.4+05	9.6+05	4	1USAMHG	J,ANE,5,569,78	7801 M.C.Davis,	10314002
3.5+06	3.5+06	1	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333002
8.0+05	8.0+05	1	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333003
4.5+05	6.4+05	6	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333004
5.0+05	5.0+05	1	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333005
4.0+05	2.8+06	45	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333006
3.5+04	3.5+06	74	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333007
3.5+04	2.5+05	10	1USAANL	J,NSE,53,370,74	7401 W.P.Poenitz	10333008
1.0+06	6.0+06	41	1USALAS	J,NSE,60,369,7608	7608 D.M.Barton,	10346002
2.2+06	8.1+06	14	1USALAS	J,NSE,30,39,6710	6710 J.A.Grundl	10417002
3.0+06	2.0+07	61	1USALRL	J,NSE,57,18,7505	7505 J.B.Czirr,	10428002
2.0+02	6.8+05	40	1USALRL	J,NSE,60,383,7608	7608 J.B.Czirr,	10547002
7.5+05	4.1+06	27	1USALRL	J,NSE,58,371,7512	7512 J.B.Czirr,	10558002
1.6+00	2.5+04	3777	1USAORL	J,PR/C,18,1320,7809	7809 M.S.Moore,	10629004
1.9+05	8.3+06	73	1USAANL	J,NSE,64,894,7712	7712 W.P.Poenitz	10711002
1.4+07	1.4+07	1	1USANBS	J,NSE,80,282,8202	8202 O.A.Wasson,	10971002
3.1+05	2.8+06	67	1USANBS	W,CARLSON,8411	8411 A.D.Carlson,	10987002
4.3+03	1.8+06	19	1USALAS	R,LA-150,4410	4410 J.H.Williams	12300003
4.7+04	4.9+05	6	1USALAS	R,LA-150,4410	4410 J.H.Williams	12300004
1.4+07	1.4+07	1	1USALAS	R,LAMS-938,50	5001 W.Nyer	12306004
2.2+06	2.1+07	27	1USALAS	J,BAP,2,196(K4),5704	5704 R.K.Smith,	12316010
2.1+04	2.0+06	38	1USALAS	R,LA-2114,57	5701 R.L.Henkel	12321004
2.5-02	2.5-02	1	1CANCR	C,58GENEVA,16,125,5809	5809 C.B.Bigham,	12356006

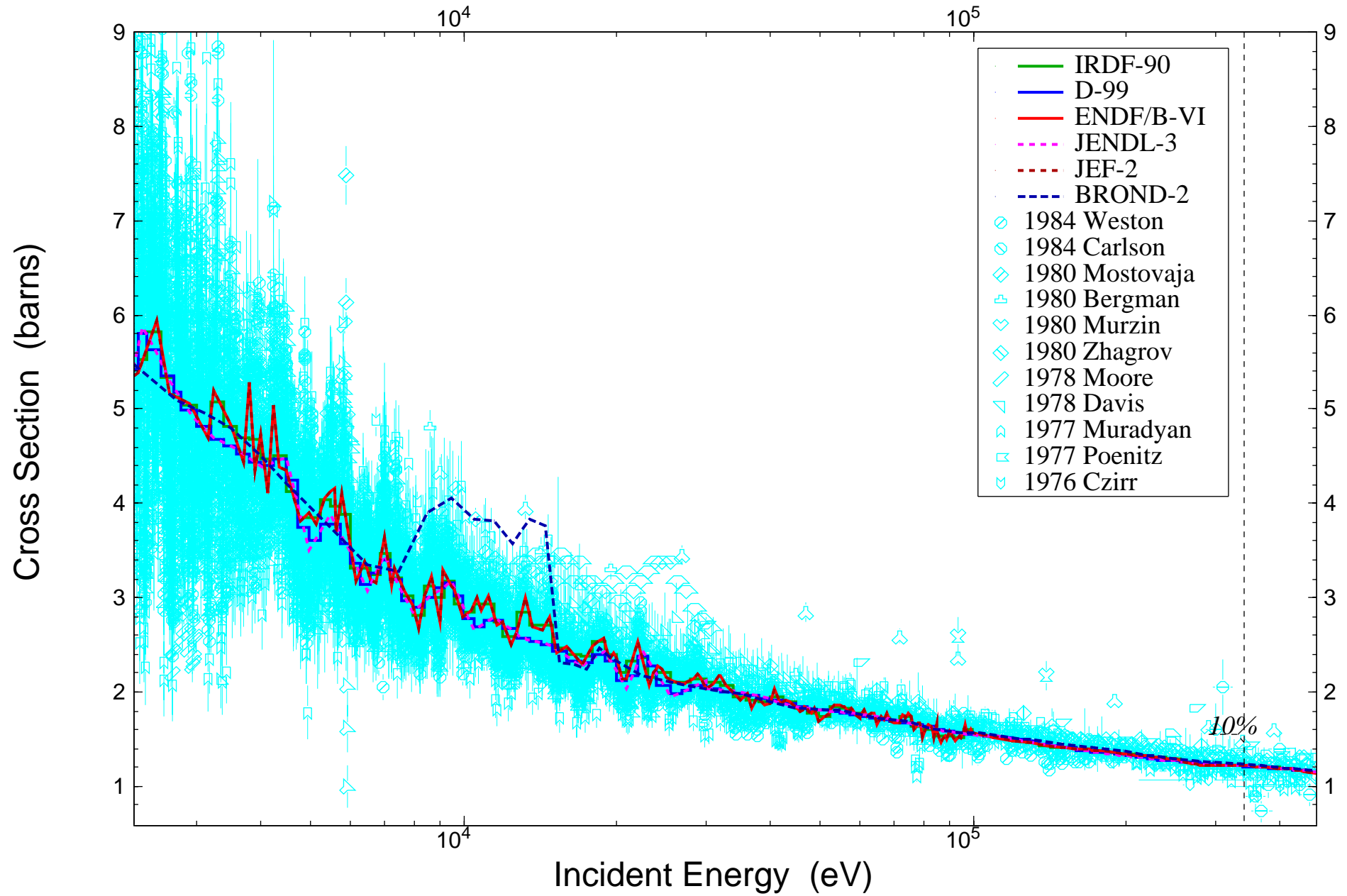
3.8-03 9.5-01	31	1USAANL	W,BOLLINGER,58	5801 L.M.Bollinger,	12390002
2.5-02 2.5-02	1	1USAANL	C,58GENEVA,16,103(1599	5809 A.Saplakoglu,	12392002
2.5-02 2.5-02	1	1USAHAN	R,HW-47012,50,56	5601 W.J.Friesen,	12394002
3.0+04 1.5+06	14	1USAANL	C,68WASH,1,503(D5),680	6803 W.P.Poenitz	12401002
1.1-02 4.0+04	336	1USACOL	J,NSE,3,435,58	5801 E.Melkonian,	12403003
5.3+00 2.0+03	447	1USAKAP	J,PR,104,479,56	5601 M.L.Yeater,	12414003
4.0+05 1.6+06	14	1USALAS	J,PR,105,1350,57	5701 B.C.Diven	12415002
1.0-01 1.0+01	278	1USABNL	J,PR,112,191,58	5801 F.J.Shore,	12418004
7.2+02 4.5+04	28	1USAKAP	R,KAPL-1109,54	5401 M.L.Yeater,	12422002
3.2-02 6.0+01	1439	1USALRL	J,PR,130,1482,6305	6305 C.D.Bowman,	12429005
2.0+01 9.8+05	3087	1USALAS	C,66WASH,2,971(FF11),6	6603 W.K.Brown,	12432002
1.4+01 8.0+01	765	1USALRL	C,66WASH,2,1004,6603	6603 C.D.Bowman,	12433002
2.4+00 1.3+01	400	1USALRL	C,66WASH,2,1004,6603	6603 C.D.Bowman,	12433003
2.8-01 3.7+00	293	1USALRL	C,66WASH,2,1004,6603	6603 C.D.Bowman,	12433004
1.3-02 2.6-01	114	1USALRL	C,66WASH,2,1004,6603	6603 C.D.Bowman,	12433005
1.0-01 1.0-01	1	1USAHAN	P,HW-48893,98,5703	5703 B.R.Leonard Jr,	12434002
1.4+07 1.4+07	1	1USALAS	R,LA-1681,5406	5406 J.S.Wahl,	12437002
2.5-02 2.5-02	1	1USACOL	J,PR,113,1285,59	5901 G.J.Safford,	12439002
1.5+05 3.4+05	10	1USAORL	J,PRL,16,248,6602	6602 R.L.Macklin,	12682002
1.5+07 1.5+07	1	1USAMHG	C,82ANTWER,,58,8209	8209 M.Mahdavi,	12826002
1.2+06 3.1+06	13	1USANBS	C,78HARWELL,,880,7809	7809 A.D.Carlson,	12848002
3.1+06 6.2+06	24	1USANBS	C,78HARWELL,,880,7809	7809 A.D.Carlson,	12848003
9.7+00 2.0+05	9692	1USAORL	J,NSE,88,567,198412	8412 L.W.Weston,	12877004
1.6-03 1.0+02	1616	1USAORL	J,NSE,88,37,8409	8409 R.Gwin,	12905002
1.1+06 6.0+06	19	1USANIS	W,CARLSON,9107	9107 R.G.Johnson,	12924002
1.5-02 1.4+03	7958	1USANBS	C,88MITO,,101,8805	8805 R.A.Schrack	13198002
1.0+02 2.0+03	10187	1USAORL	J,NSE,111,415,9208	9208 L.W.Weston,	13488002
6.0+00 3.0+03	9793	2ZZZGEL	J,JNE,22,211,6804	6804 M.G.Cao,	20129002
2.0-02 1.1+01	870	2ZZZGEL	J,JNE,25,263,7107	7107 A.J.Deruytter,	20131002
2.5-02 2.5-02	1	2ZZZGEL	J,JNE,27,9,645,7309	7309 A.J.Deruytter,	20143002
1.1-02 1.2-01	26	2BLGMOL	J,JNE/AB,15,165,6112	6112 A.J.Deruytter	20189002
4.4+05 5.3+05	2	2GERKFK	R,KFK-1313,7011	7011 F.Kaeppler	20354002
5.5+05 1.2+06	7	2GERKFK	R,KFK-1772,7304	7304 F.Kaeppler	20356002
5.1+05 1.2+06	12	2GERKFK	R,KFK-1772,7304	7304 F.Kaeppler	20356003
2.3-02 2.3-02	1	2BLGMOL	C,70HELSINKI,1,461,700	7006 H.Ceulemans,	20369007
1.5+06 2.3+06	3	2ZZZGEL	J,ZP,257,108,7212	7212 H.-H.Knitter,	20394006
1.0+03 1.0+06	304	2UKHAR	C,72VIENNA,201,7211	7211 D.B.Gayther,	20422002
1.0+04 3.0+04	239	2UKHAR	J,JNE,24,269,7009	7009 B.H.Patrick,	20461002
1.7+01 3.0+04	8077	2FRSAC	C,71KNOX,2,829,7103	7103 J.Blons,	20483002
1.8+04 1.0+06	31	2FRCAD	C,76ANL,208,7606	7606 I.Szabo,	20567002
1.2+04 2.0+05	15	2FRCAD	C,76ANL,208,7606	7606 I.Szabo,	20569002
1.7+04 2.6+06	36	2FRCAD	C,76ANL,208,7606	7606 I.Szabo,	20570002
2.4+04 2.4+04	1	2UKALD	J,JNE/AB,19,(6),423,65	6506 J.L.Perkin,	20584004
2.4+06 5.5+06	13	2FRCAD	C,76ANL,,208,7606	7606 I.Szabo,	20618002
3.0+05 1.3+07	116	2UKGLS	T,OSTERHAGE,7607	7607 W.W.Osterhage	20715002
7.2+00 2.1+04	2733	2FRSAC	J,NP,69,545,6507	6507 A.Michaudon,	20727002
1.4+07 1.5+07	2	2FRBRC	J,NSE,68,(2),197,7811	7811 M.Cance,	20779002
7.5+02 1.1+06	3881	2ZZZGEL	C,75WASH,607,7510	7510 E.Migneco,	20783002
1.0+06 2.1+07	124	2GERKFK	C,78BNL,,781120	7811 K.Kari,	20786006
1.1+01 3.0+04	4115	2ZZZGEL	J,ANE,3,437,7612	7612 C.Wagemans,	20826004
1.7-01 2.0+02	1490	2UKHAR	R,AERE-M-1670,6602	6602 F.D.Brooks,	20938009
1.8+00 1.1+01	732	2UKHAR	R,AERE-M-1670,6602	6602 F.D.Brooks,	20938010
9.2-01 3.9+00	110	2UKHAR	R,AERE-M-1670,6602	6602 F.D.Brooks,	20938011
1.8-01 8.7-01	60	2UKHAR	R,AERE-M-1670,6602	6602 F.D.Brooks,	20938012

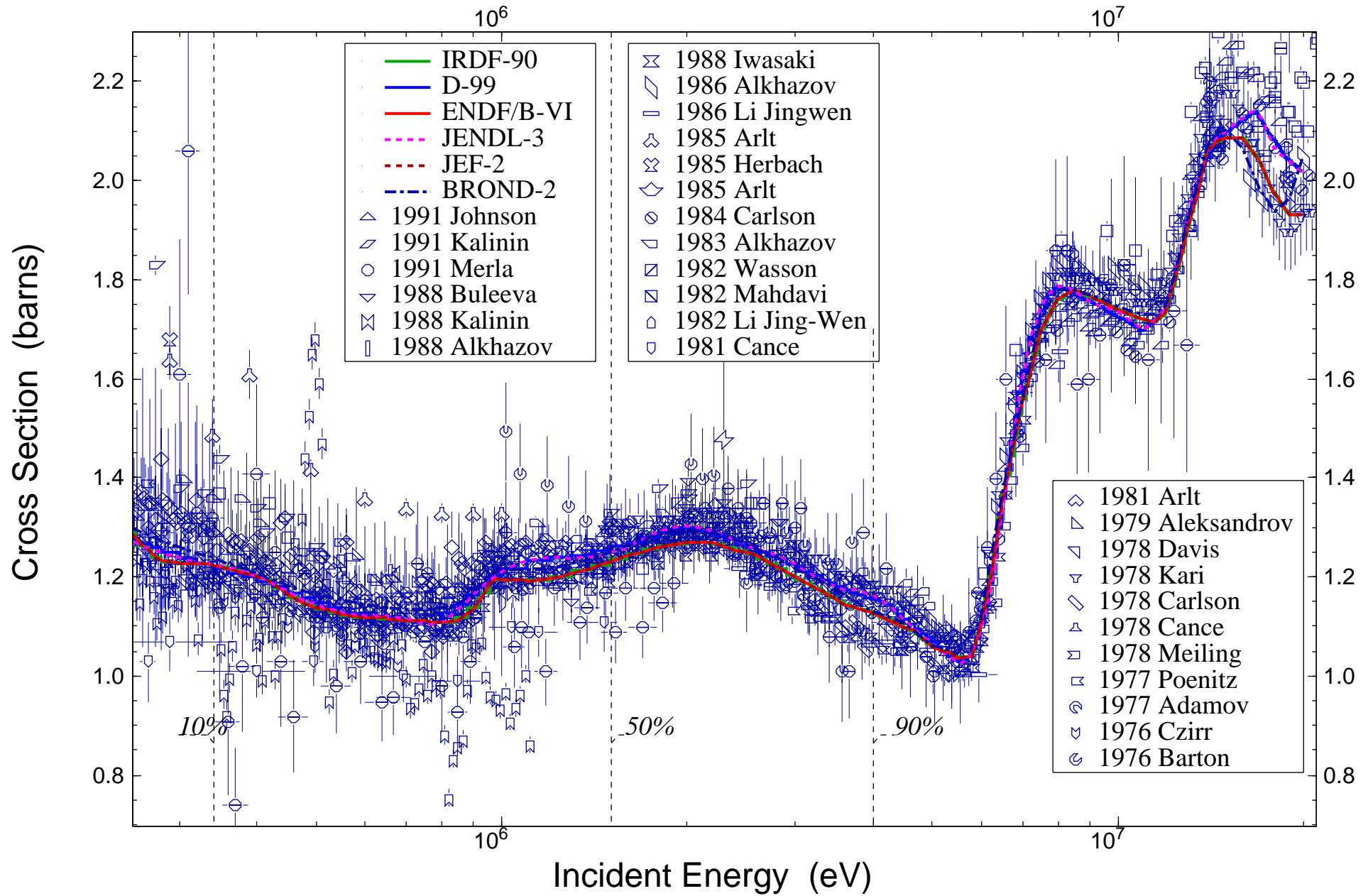
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3.0+04 3.0+06	25	2UKHAR	J,PPS/A,70,573,57	5701 W.D.Allen,	21075003
1.0-02 3.7+00	51	2FRSAC	J,JNE,1,306,5506	5506 J.M.Auclair,	21082005
1.4-03 1.0+02	145	2FRSAC	J,JNE,1,306,5506	5506 J.M.Auclair,	21082006
1.0+06 3.9+06	28	2FRSAC	R,CEA-1913,61	6101 R.Ballini,	21093002
4.0+04 1.4+07	12	2UKALD	J,JNE,19,325,6505	6505 P.H.White	21190002
3.0+04 3.0+04	1	2GERKFK	J,JNE,21,643,6708	6708 G.F.Knoll,	21194002
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6.4+04 6.4+04	1	2GERKFK	J,JNE,21,643,6708	6708 G.F.Knoll,	21194006
1.3+07 1.9+07	13	2UKALD	J,JNE,14,85,61	6101 B.Adams,	21209003
2.5-02 2.5-02	1	2UKALD	J,PR/B,139,852,6508	6508 E.E.Maslin,	21387002
1.4+07 1.4+07	1	2UKHAR	R,AERE-NP/R-1996,,5606	5606 C.A.Uttley,	21468003
2.5-02 2.5-02	1	2UKHAR	R,AERE-R-2998,,5907	5907 J.F.Raffle	21471006
1.0+06 1.0+06	1	2FRSAC	C,55GENEVA,4,425,5508	5508 D.Szteinszneider,	21515005
3.2-02 6.3-02	2	2ZZZISP	C,65SALZBURG,1,255,650	6503 G.Fraysse,	21520002
2.5-02 2.5-02	1	2ZZZISP	C,65SALZBURG,1,255,650	6503 G.Fraysse,	21520006
3.0+01 2.0+02	805	2ZZZGEL	C,79KNOX,961,7910	7910 C.Wagemans,	21522010
2.0-02 3.0+01	1778	2ZZZGEL	C,79KNOX,961,7910	7910 C.Wagemans,	21522012
2.5+06 4.5+06	2	2FRBRC	R,CEA-N-2194,8105	8105 M.Cance,	21620002
3.2-02 6.3-02	4	2FRSAC	R,CEA-R-2775,6504	6504 G.Fraysse,	21780002
2.0-03 2.0+01	363	2ZZZGEL	C,88MITO,91,88	8801 C.Wagemans,	22080003
1.4+07 1.5+07	5	2JPNTOH	C,88MITO,87,88	8801 T.Iwasaki,	22091002
4.5+06 1.9+07	3	2GERDRE	C,91JUELIC,,510,9105	9105 K.Merla,	22304002
2.6+06 1.5+07	2	2GERDRE	C,91JUELIC,,510,9105	9105 K.Merla,	22304006
1.4+07 1.4+07	1	3INDTRM	C,69ROORKEE,2,289,6912	6912 R.H.Iyer,	30035004
2.5-02 2.5-02	1	3RUMBUC	R,IFA-NR-47-1973,73	7301 C.Borcea,	30140002
2.5-02 2.5-02	1	3RUMBUC	J,RRP,7,(7/8),867,78	7801 I.Berceanu,	30399002
1.5+07 1.5+07	1	3DDRTUD	J,KE,21,(9),292,7809	7809 W.Meiling,	30461002
1.5+07 1.5+07	1	3DDRTUD	J,KE,24,48,8102	8102 R.Arlt,	30475002
8.7+06 8.7+06	1	3DDRTUD	J,IP,21,344,85	8501 R.Arlt,	30558002
2.6+06 2.6+06	1	3DDRTUD	J,IP,21,344,85	8501 R.Arlt,	30559002
1.5+07 1.5+07	1	3CPRAEP	C,82ANTWER,,55,8209	8209 Li Jing-Wen,	30634002
4.5+06 4.5+06	1	3DDRTUD	J,IP,21,344,85	8501 C.M.Herbach,	30706002
1.9+07 1.9+07	1	3DDRTUD	J,IP,21,344,85	8501 C.M.Herbach,	30706003
1.4+07 1.4+07	1	3CPRAEP	P,INDC(CPR)-009/L,3,86	8608 Li Jingwen,	30721002
5.0+05 1.0+06	2	3CPRAEP	J,CST,9,(2),133,7505	7505 Yan Wuguang,	32625003
3.4+03 7.7+05	24	4CCPCCP	J,AE,6,(4),453,5904	5904 G.V.Gorlov,	40055002
1.2-02 9.7+02	209	4ZZZDUB	C,55GENEVA,4,259,5508	5508 Ju.V.Adamchuk,	40063011
2.0+02 3.5+04	26	4CCPFEI	R,YFI-13,6,72	7201 V.B.Chelnokov,	40105002
9.2-01 3.9+00	165	4CCPITE	J,AE,16,(2),110,6402	6402 K.G.Ignat Ev,	40156003
2.2+00 8.1+00	93	4CCPITE	J,AE,16,(2),110,6402	6402 K.G.Ignat Ev,	40156004
1.1+00 7.3+00	191	4CCPITE	J,AE,16,(2),110,6402	6402 K.G.Ignat Ev,	40156005
3.6+00 9.0+01	15	4RUSKUR	W,MOSTOVAYA,75	7501 T.A.Mostovaya	40218002
2.5+06 2.5+06	1	4CCPRI	C,73KIEV,4,18,7305	7305 I.M.Kuks,	40258002
2.2-01 8.9+00	509	4ZZZDUB	J,AE,19,(1),43,6507	6507 Van Shi-Di,	40271002
1.2+00 3.1+04	2404	4ZZZDUB	J,AE,19,(1),43,6507	6507 Van Shi-Di,	40271003
8.2-01 1.7+02	1860	4CCPKUR	R,ICD-3,10,66	6601 T.A.Mostovaya,	40272002
2.0+04 8.0+04	7	4CCPFEI	J,AE,38,(2),81,7502	7502 V.N.Kononov,	40412003
2.5+06 2.5+06	1	4CCPRI	J,AE,46,(6),416,7906	7906 B.M.Aleksandrov,	40546003
1.5+07 1.5+07	1	4CCPRI	R,YK-24,8,7702	7702 V.M.Adamov,	40547005
2.0+02 3.0+04	21	4CCPKUR	C,77KIEV,3,119,7704	7704 G.V.Muradyan,	40550003
2.5+04 2.5+04	1	4CCPIJI	C,80KIEV,2,257,8009	8009 A.V.Murzin,	40587003

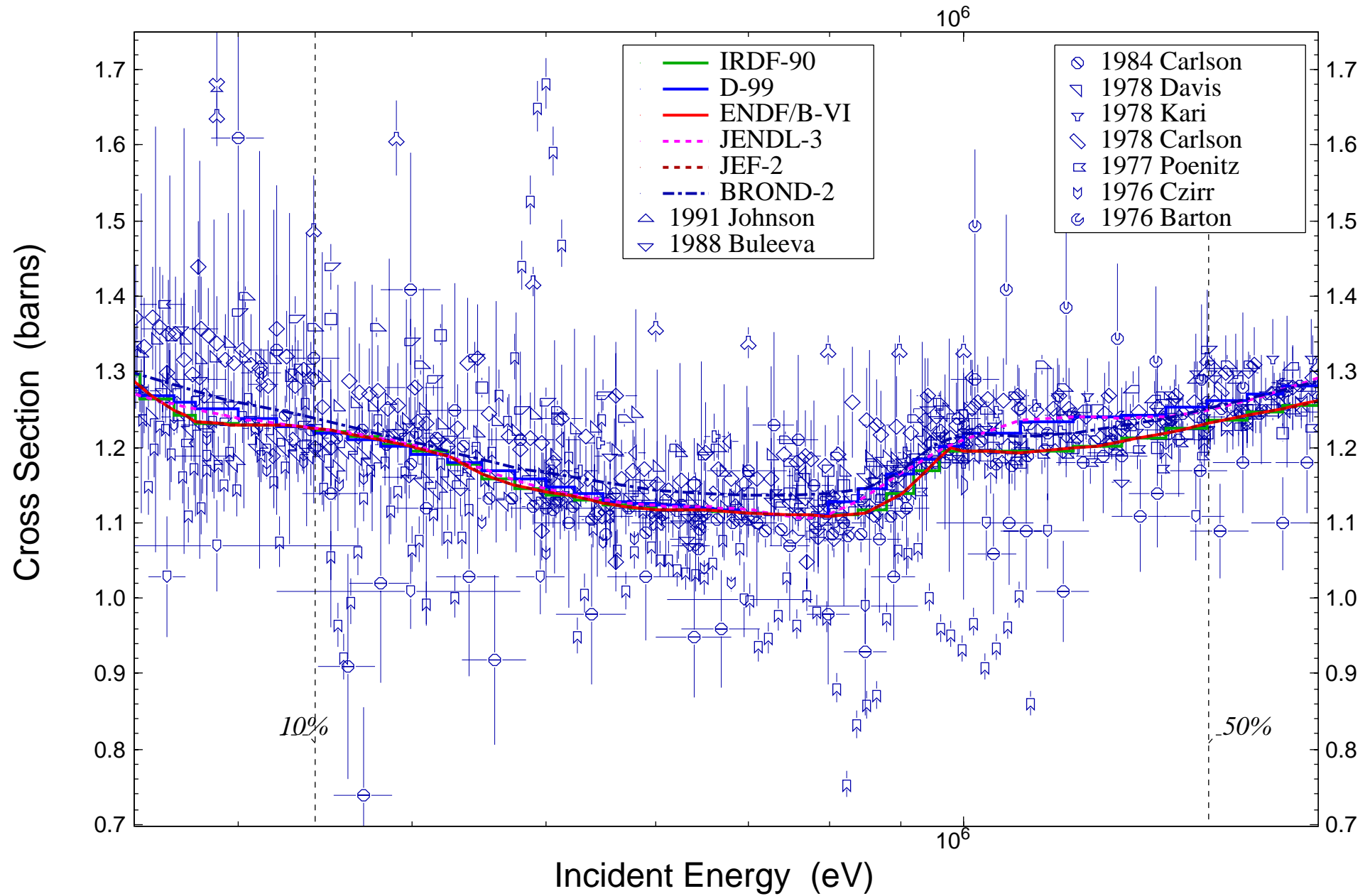
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7.9+01 2.0+04	4000	4CCPKUR	C,80KIEV,3,30,8009	8009 T.A.Mostovaja,	40616004
1.1+07 2.1+07	16	4CCPKUR	J,AE,9,399,60	6001 V.M.Pankratov,	40638004
3.5+05 2.6+06	52	4CCPFEI	J,AE,13,366,62	6201 G.N.Smirenkin,	40650004
6.1+06 2.6+07	30	4CCPKUR	J,AE,14,177,63	6301 V.M.Pankratov	40653005
1.0+02 4.9+04	68	4CCPJIA	J,YK,1/36,3,8003	8003 A.A.Bergman,	40751003
2.6+06 1.5+07	3	4CCPRI	C,83MOSKVA,2,201,83	8301 I.D.Alkhazov,	40911002
1.9+06 1.9+07	3	4CCPRI	J,YK,,(4),19,8612	8612 I.D.Alkhazov,	40927003
1.9+06 2.4+06	2	4CCPRI	J,AE,64,(3),194,8803	8803 V.A.Kalinin,	40963002
6.2+05 7.9+05	13	4CCPFEI	J,AE,65,(6),348,8811	8811 N.N.Buleeva,	40969011
2.6+06 1.9+07	5	4CCPRI	C,88MITO,,145,8805	8805 I.D.Alkhazov,	41013003
2.6+06 1.9+07	5	4CCPRI	C,88MITO,,145,8805	8805 I.D.Alkhazov,	41013004
1.9+06 2.4+06	2	4CCPRI	J,AE,71,(2),181,9108	9108 V.A.Kalinin,	41112002
5.2-03 5.2-03	1	4ZZZDUB	J,YF,58,(5),799,9505	9505 V.P.Alfimenkov,	41174004
1.5+07 1.5+07	1	4RUSKUR	J,AE,5,659,1958	5801 A.A.Berezin,	41203003
1.2+08 3.8+08	2	4RUSICP	J,DOK,101,1027,55	5501 V.I.Goldanskiy,	41212004
1.5+07 1.5+07	1	4CCPCCP	J,AE,5,659,58	5801 A.A.Berezin,	80319004
1.2+08 3.8+08	2	4CCPCCP	J,DOK,101,1027,55	5501 V.I.Goldanskii,	80321004
1.5+07 1.5+07	1	4CCPCCP	J,AE,5,659,5812	5812 A.A.Berezin,	88034002

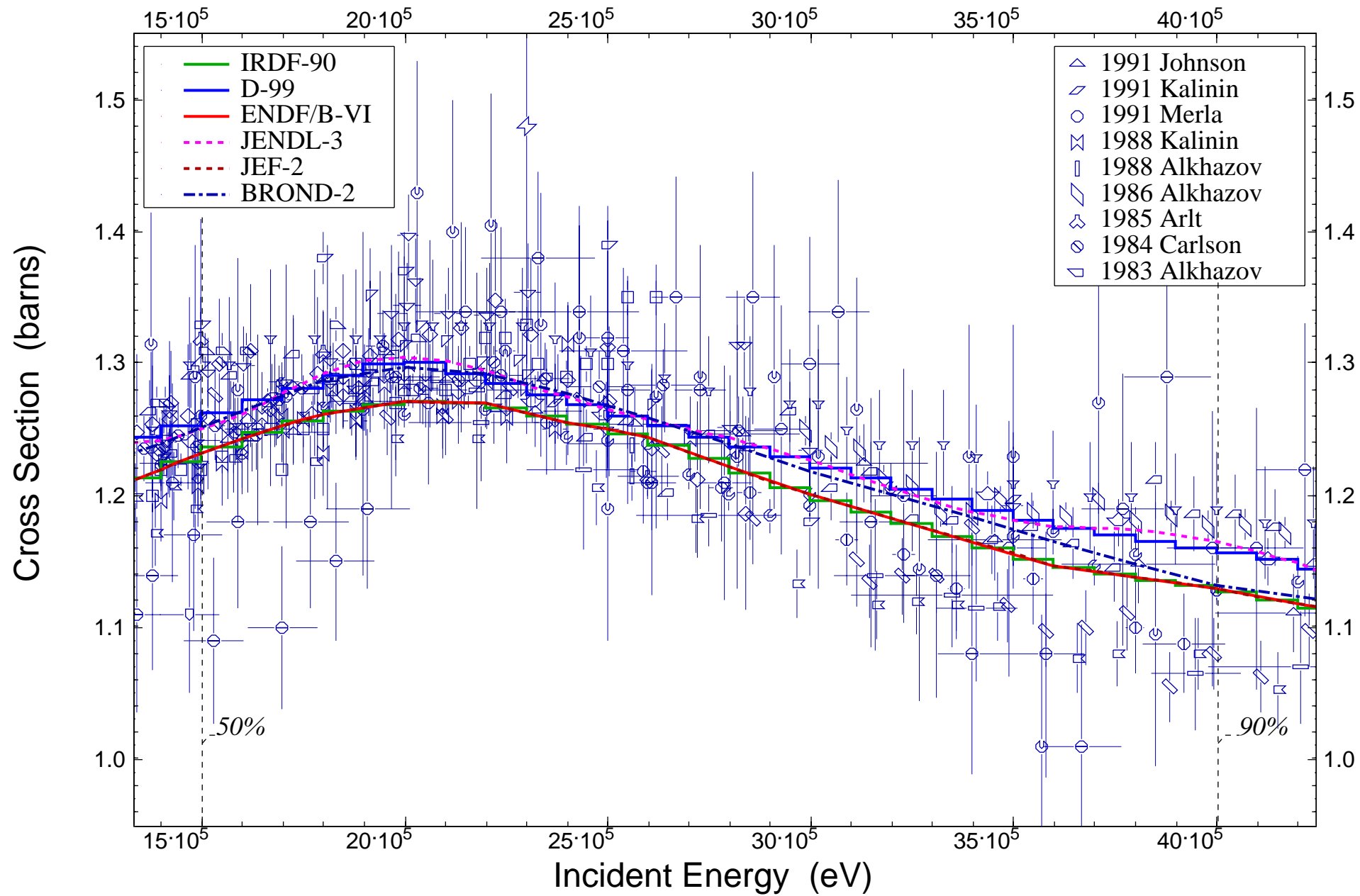
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