

49-In-115 (n, γ) 49-In-116(m₁+m₂)

Abundance (%)	=	95.71 ± 0.05													
Q	=	6.78436 MeV	E _{thr}	=	0.0										
T _{1/2}	=	54.29 m													
E _{γ}	=	416.86 ± 0.03 keV	I _{γ}	=	28.95 ± 0.86 β^-										
E _{γ}	=	1097.3 ± 0.2 keV	I _{γ}	=	56.2 ± 1.1 β^-										
E _{γ}	=	1293.54 ± 0.04 keV	I _{γ}	=	84.4 ± 1.7 β^-										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">IRDF-90</td> <td>- eval. - Jan 1990 S. Chiba, D. Smith.</td> </tr> <tr> <td>D-99 (JENDL/D-99)</td> <td>- eval. - Jan 1990 S. Chiba et al.</td> </tr> <tr> <td>ENDF/B-VI</td> <td>- eval. - May 1990 F. Schmittroth, D. Smith, S. Chiba.</td> </tr> <tr> <td>JENDL-3.2</td> <td>- eval. - Mar 1990 JNDC FP Nuclear Data W. G.</td> </tr> <tr> <td>JEF-2</td> <td>- eval. - Jul 1982 H. Gruppelaar, E. Menapace.</td> </tr> </table>						IRDF-90	- eval. - Jan 1990 S. Chiba, D. Smith.	D-99 (JENDL/D-99)	- eval. - Jan 1990 S. Chiba et al.	ENDF/B-VI	- eval. - May 1990 F. Schmittroth, D. Smith, S. Chiba.	JENDL-3.2	- eval. - Mar 1990 JNDC FP Nuclear Data W. G.	JEF-2	- eval. - Jul 1982 H. Gruppelaar, E. Menapace.
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ENDF/B-VI	- eval. - May 1990 F. Schmittroth, D. Smith, S. Chiba.														
JENDL-3.2	- eval. - Mar 1990 JNDC FP Nuclear Data W. G.														
JEF-2	- eval. - Jul 1982 H. Gruppelaar, E. Menapace.														

Tabl. 1

U-235					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2
10%	2.00E-01	1.80E-01	2.03E-01	1.90E-01	2.10E-01
50%	1.00	9.20E-01	1.00	9.62E-01	1.00
90%	2.30	2.20	2.32	2.30	2.43
ACS	1.60E-01	1.32E-01	1.60E-01	1.64E-01	1.35E-01

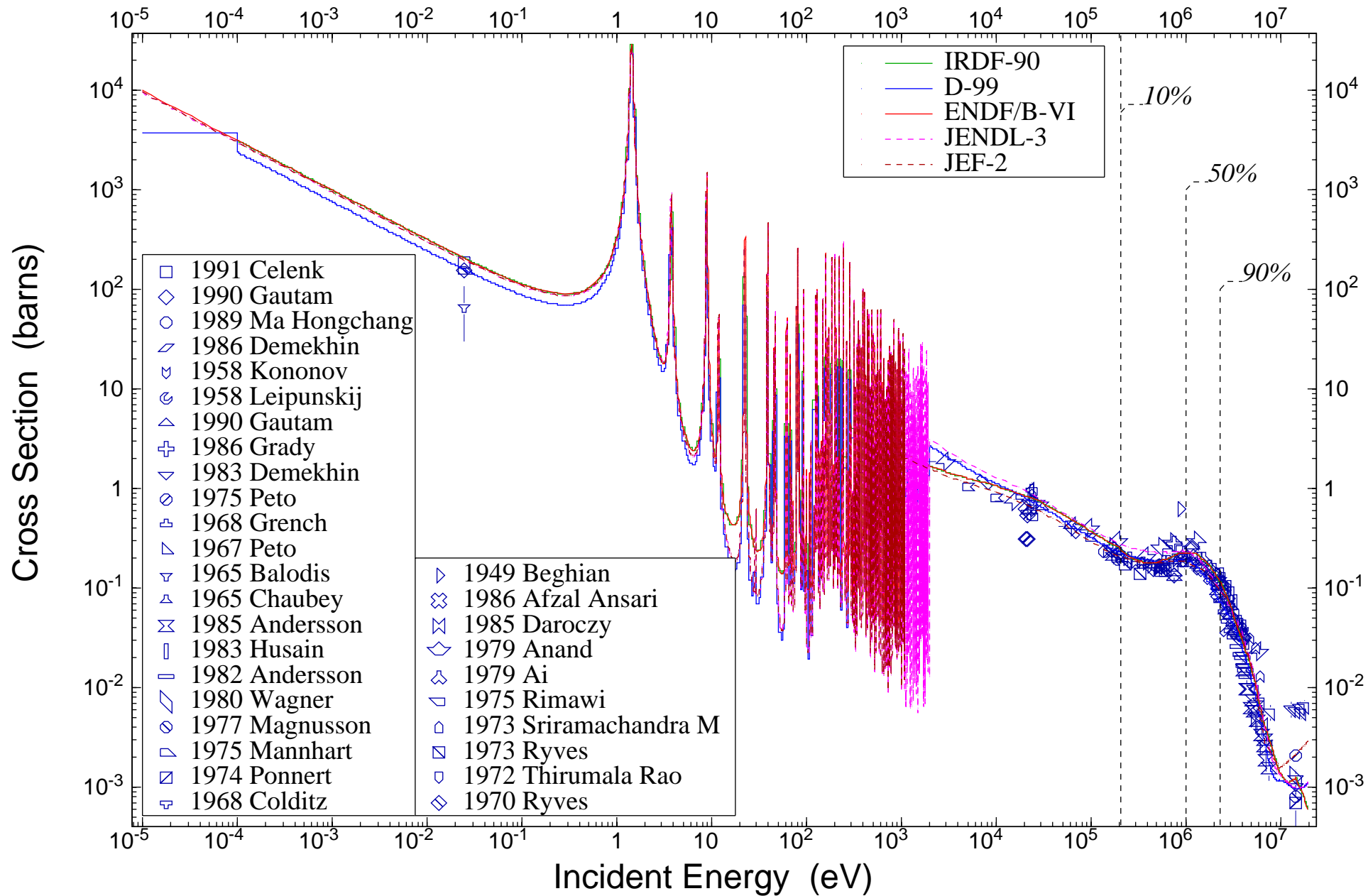
Tabl. 2

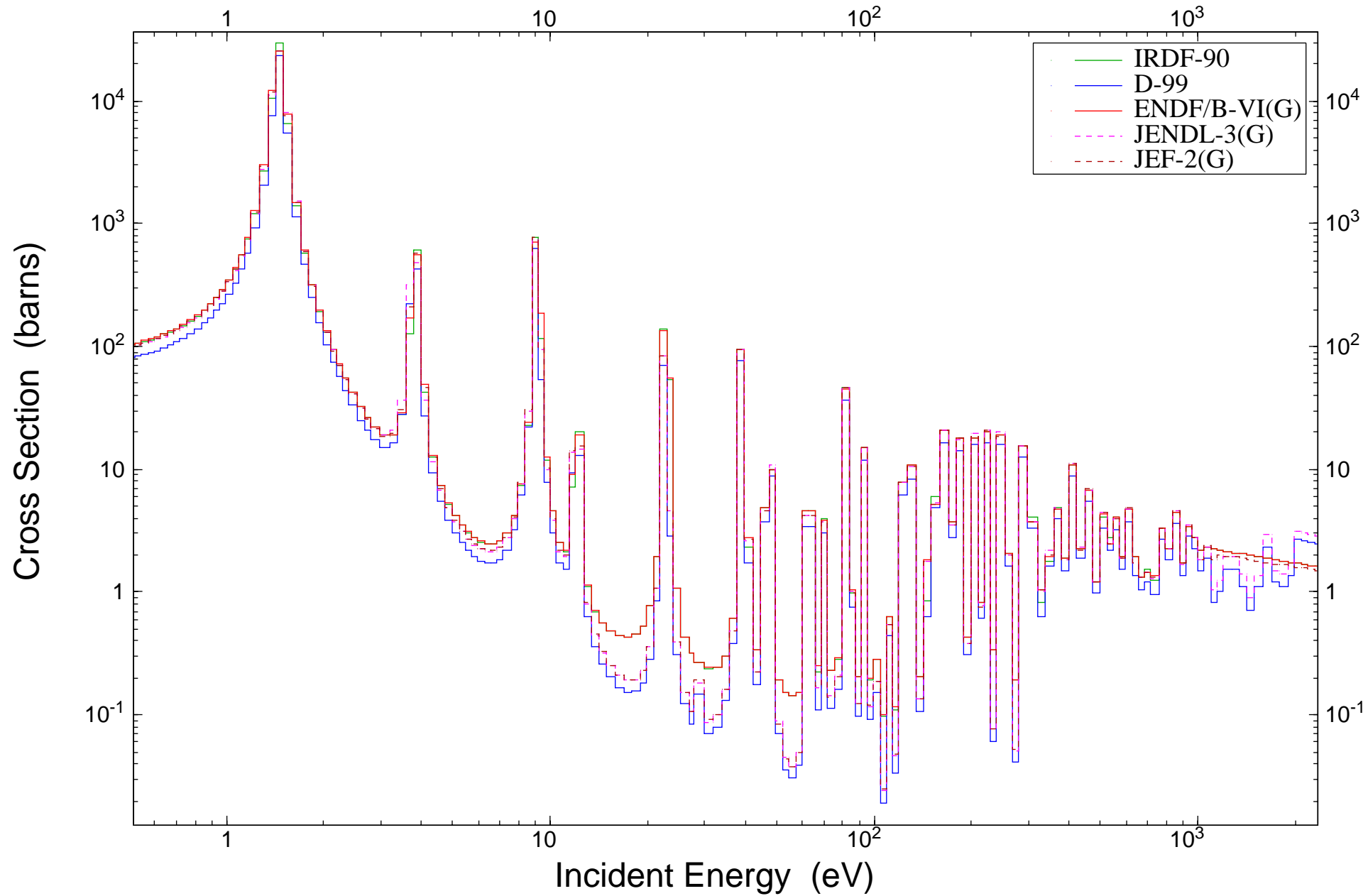
Cf-252					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	JEF-2
10%	2.30E-01	2.10E-01	2.30E-01	2.10E-01	2.40E-01
50%	1.10	9.60E-01	1.10	1.00	1.00
90%	2.40	2.30	2.40	2.39	2.50
ACS	1.53E-01	1.26E-01	1.54E-01	1.56E-01	1.30E-01

Tabl. 3

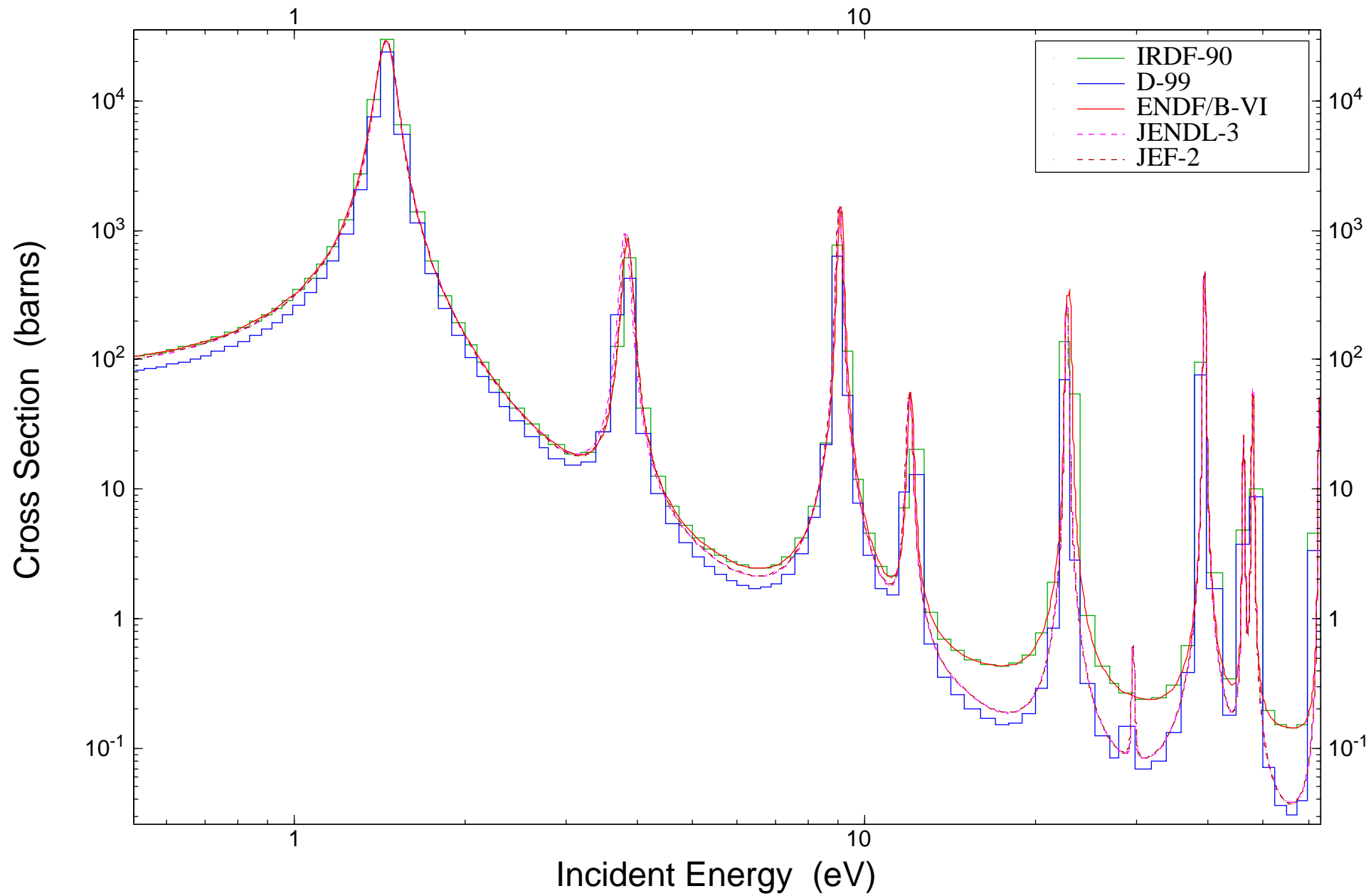
2.5-02 2.5-02	1	2TUKANR	J,JRN,148,(2),393	9106 I.CELENK,	22234005
1.4+05 5.7+05	2	3CPRAEP	R,INDC(CPR)-16	8908 MA HONGCHANG,	30759002
4.6+05 3.4+06	9	3INDJCB	J,IPA,28,(5),235	9005 R.P.GAUTAM,	30982003
2.0+05 2.0+05	1	4RUSFEI	C,58GENEVA,15,50(2219)	5809 A.I.LEIPUNSKIJ,	40244078
2.7+06 4.0+06	2	4RUSFEI	C,58GENEVA,15,50(2219)	5809 A.I.LEIPUNSKIJ,	40244099
2.4+04 2.4+04	1	4CCPFEI	J,AE,5,564	58 V.N.KONONOV,	40421019
2.7+06 2.7+06	1	4CCPKGUGU	C,86KHARKO,,94	8604 V.L.DEMEKHIN,	40944002
3.6+05 1.0+06	11	1USALOK	J,PR,165,1298	68 H.A.GRENCH,	11975006
2.3+04 2.3+04	1	1USAMHG	J,NSE,94,227	8611 D.J.GRADY,	12815003
2.6+05 2.7+05	1	1USAMHG	J,NSE,94,227	8611 D.J.GRADY,	12815005
7.7+05 7.7+05	1	1USAMHG	J,NSE,94,227	8611 D.J.GRADY,	12815007
9.6+05 9.6+05	1	1USAMHG	J,NSE,94,227	8611 D.J.GRADY,	12815009
3.0+06 3.0+06	1	3HUNDEB	J,JNE,21,797	6710 G.PETO,	30031014
2.4+04 2.4+04	1	3INDMUA	J,NP,66,267	6505 A.K.CHAUBEY,	30063005
1.5+07 1.5+07	1	3HUNKOS	J,ASL,25,185	75 G.PETO,	30310002
4.6+05 3.4+06	11	3INDTRM	J,IPA,28,235	9005 R.P.GAUTAM,	30942003
2.5-02 2.5-02	1	4CCPIFL	J,YF,1,250	65 M.K.BALODIS,	40769003
1.5+07 1.5+07	1	4CCPKGUGU	C,83KIEV,3,195	8310 V.L.DEMEKHIN,	40849004
1.5+07 1.5+07	1	4CCPKGUGU	C,83KIEV,3,195	8310 V.L.DEMEKHIN,	40849004
2.9+06 2.9+06	1	2AUSIRK	J,OSA,105,236	6806 J.COLDITZ,	20092010
2.5-02 2.5-02	1	2GERMUN	J,ZP/A,272,273	7503 W.MANNHART	20610003
1.5+07 1.5+07	1	2AUSPVI	J,APA,52,23	80 M.WAGNER,	20718008
1.5+07 1.5+07	1	2SWDLND	J,NT,34,114	7706 G.MAGNUSSON,	20780002

1.5+07	1.5+07	1	2SWDLND	J,PS,10,35	7403 K.PONNERT,	20781002
2.0+06	4.5+06	17	2SWDLND	C,82ANTWER,,866	8209 P.ANDERSSON,	21819002
2.4+06	4.5+06	10	2UK BIA	J,ARI,34,(4),731	83 H.A.HUSAIN,	21879006
2.0+06	7.7+06	31	2SWDLND	J,NP/A,443,404	85 P.ANDERSSON,	21962002
9.0+05	9.0+05	1	2UK OXF	J,NAT,163,366	4903 L.E.BEGHIAN,	62500009
2.4+04	2.4+04	1	1USABNL	C,75WASH,2,920	7503 K.RIMAWI,	10434004
2.4+04	2.4+04	1	1USAANL	J,PR,82,67	5104 V.HUMMEL,	11010012
2.4+04	2.4+04	1	1USAORL	J,PR,107,504	57 R.L.MACKLIN,	11399030
1.9+05	2.0+05	1	1USAORL	J,PR,114,1619	59 W.S.LYON,	11407020
9.7+05	1.9+07	17	1USALOK	J,PR,163,1299	67 H.O.MENLOVE,	11420004
2.4+04	2.4+04	1	1USALRL	J,PR,112,226	58 R.BOOTH,	11429018
1.5+05	6.3+06	28	1USAWIS	J,PR,116,927	59 A.E.JOHNSTRU,	11675014
1.7+05	1.3+06	5	1USALAS	R,LAMS-95	44 J.M.BLAIR,	11796003
5.0+03	2.5+05	8	1USADKE 1USAORL	J,AP,10,477	60 L.W.WESTON,	11818009
1.5+05	1.4+06	13	1USAANL	J,PR/B,133,378	6401 S.A.COX	11835008
2.8+06	2.8+06	1	1USAREN	J,ARI,18,279	67 K.G.BROADHEAD,	11850006
3.0+03	5.9+06	8	1USALAS	R,LA-467	4601 G.A.LINENBERGER,	11945006
2.5-02	2.5-02	1	2UK NPL	J,JNE,24,35	7002 T.B.RYVES	20789025
2.1+04	2.2+04	4	2NEDAMS	T,PAUW	7011 H.PAUW	20868004
7.8+03	6.4+04	3	2GERKFK	P,EANDC(E)-66,6	6602 W.POENITZ	20906010
1.5+05	6.2+05	7	2UK NPL	J,JNE,27,519	7308 T.B.RYVES,	20942002
2.5+04	2.5+04	1	3INDTRM	J,NC/A,50,274	7903 R.P.ANAND,	30390010
2.5+04	2.5+04	1	3INDAUW	J,JP/A,5,468	7203 B.V.THIRUMALA RAO,	30501004
2.4+04	2.4+04	1	3INDAUW	J,JPI,35,8	7307 SRIRAMACHANDRA M	30503012
9.9+05	4.2+06	14	3CHFSHI	J,NSF,16,(3),157	7909 C.-F.AI,	30628004
1.1+06	2.9+06	5	3INDPUC	J,ANE,13,(5),287	86 M.AFZAL ANSARI,	30678005
5.7+06	7.1+06	3	3HUNKOS	W,CSIKAI	8504 S.DAROCZY,	30815002

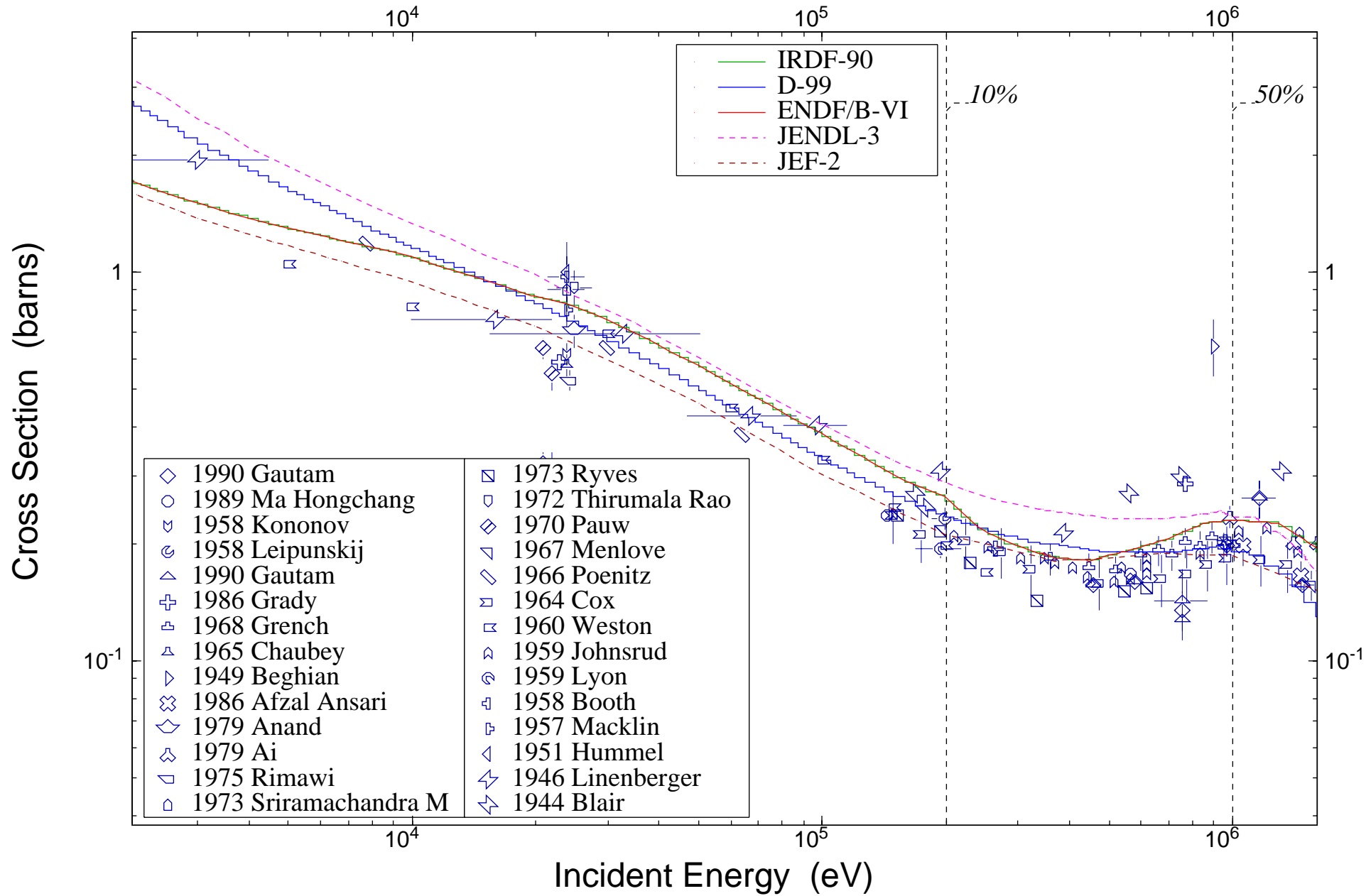
$^{115}\text{In}(n,\gamma)^{116(m1+m2)}\text{In}$ 

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