

49-In-115 (n, n') 49-In-115m

Abundance (%) = 95.71 ± 0.05

Isomeric state

$T_{1/2}$ = 4.486 h 4

E_{level} = 336.24 ± 0.03 keV

J_{π} = 1/2⁻

E_{γ} = 336.241 ± 0.025 keV

I_{γ} = 45.9 ± 2.3

IT

IRDF-90 - eval. - Jan 1990 S. Chiba, D. Smith.

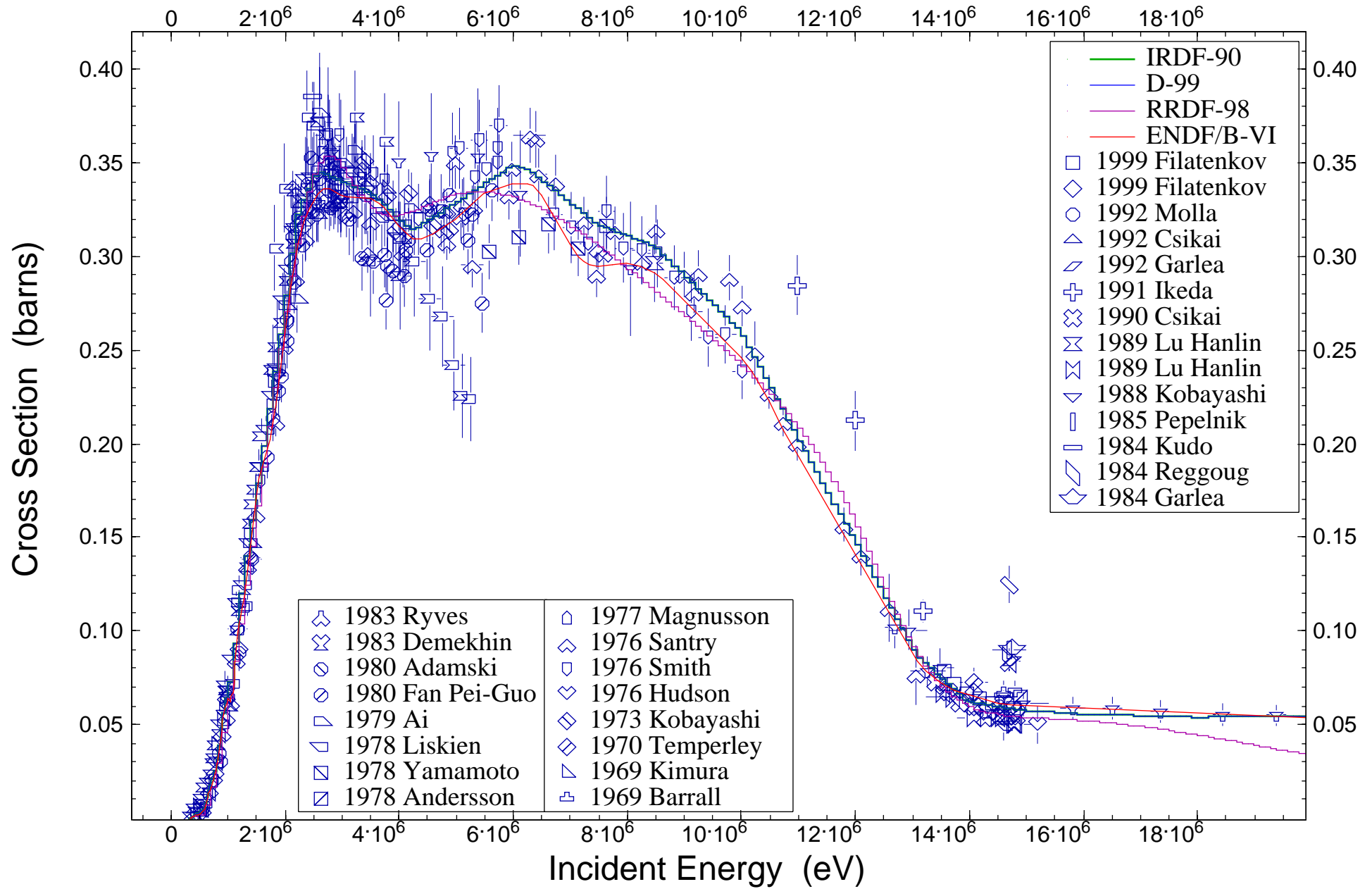
D-99 (JENDL/D-99) - eval. - Jan 1990 S. Chiba et al.

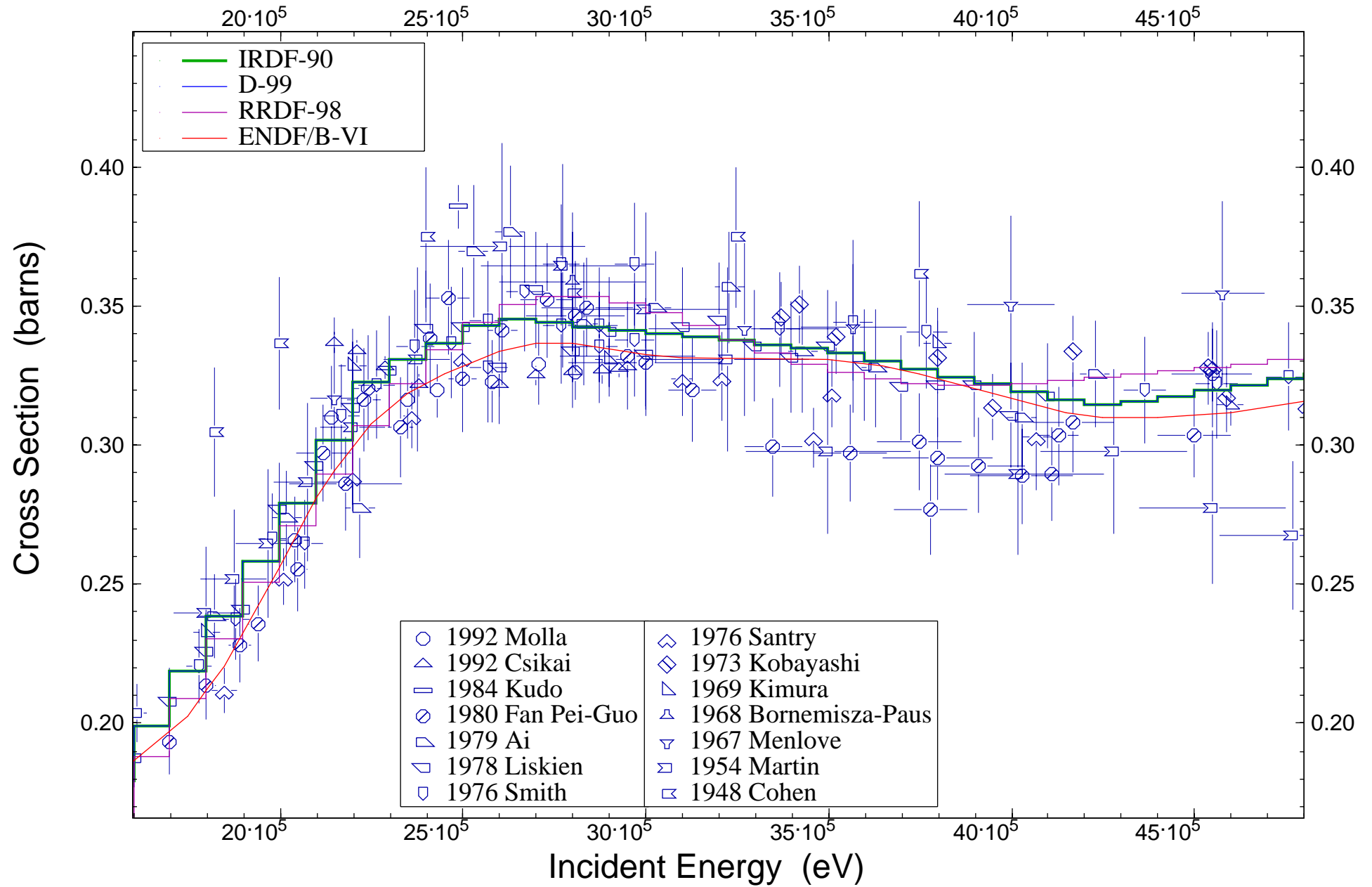
RRDF-98 - eval. - Aug 1996 S. Babikov.

ENDF/B-VI - eval. - May 1990 F. Schmittroth, D. Smith, S. Chiba.

1.5+07	1.5+07	1	1USASTF	R,AFWL-TR-68-134	6903 R.C.BARRALL,	10022021
1.5+07	1.5+07	1	1USALRL 1USASTF	J,NP/A,138,387	6912 R.C.BARRALL,	10031010
1.4+07	1.4+07	1	1USABRL	R,BRL-1491	7008 J.K.TEMPERLEY,	10214004
4.4+05	3.0+06	27	1USAANL	J,NSE,60,319	7607 D.L.SMITH,	10521006
3.4+06	5.8+06	12	1USAANL	J,NSE,60,319	7607 D.L.SMITH,	10521007
5.1+06	1.0+07	16	1USAANL	J,NSE,60,319	7607 D.L.SMITH,	10521008
3.5+05	4.6+05	4	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522002
3.5+05	5.1+06	37	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522003
4.8+06	6.0+06	6	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522004
1.4+07	1.5+07	4	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522005
5.1+06	1.4+07	28	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522006
1.5+07	1.5+07	1	1USAAUB	J,BAP,21,188(DB5)	7602 C.G.HUDSON,	10690003
9.7+05	1.9+07	20	1USALOK 1USASTF	J,PR,163,1308	67 H.O.MENLOVE,	11421006
3.6+05	1.0+06	11	1USALOK	J,PR,165,1298	68 H.A.GRENCH,	11975005
4.4+05	5.3+06	39	1USALAS	J,PR,93,199	5401 H.C.MARTIN,	11985002
1.5+07	1.5+07	1	2AUSIRK	J,NP/A,109,694	6803 H.ROETZER	20063005
1.5+07	1.5+07	1	2NEDAMS	T,NAGEL	6612 W.NAGEL	20198016
3.4+06	4.9+06	10	2JPNKTO	J,JNE,27,741	7310 K.KOBAYASHI,	20279002
5.0+05	4.6+06	8	2JPNKTO	J,NST,6,485	6909 I.KIMURA,	20312003
1.5+07	1.5+07	1	2SWDLND	J,NT,34,114	7706 G.MAGNUSSON,	20780003
4.0+05	4.1+06	38	2ZZZGEL	J,NSE,67,334	7809 H.LISKIEN,	20809002
1.5+07	1.5+07	1	2SWDLND	R,LUNF-D6-3021	7811 P.ANDERSSON,	20842004
5.6+06	7.7+06	5	2JAPKTO	R,KURRI-AR-11,121	78 S.YAMAMOTO,	20845002
1.5+07	1.5+07	1	2ITYTUR	J,ZP,217,83	6810 B.MINETTI,	21106010
1.4+07	1.5+07	2	2UK NPL	J,JP/G,9,1549	8312 T.B.RYVES,	21918007
2.5+06	1.5+07	2	2JPNJPN	P,NEANDC(J)-106/U,1	8409 K.KUDO,	21956002
1.5+07	1.5+07	1	2GERKIG	P,NEANDC(E)-262U,(5),32	8506 R.PEPELNIK,	21999033
1.1+07	1.3+07	3	2JPNJAE	S,JAERI-M-91-032,281	9103 Y.IKEDA,	22209008
1.4+07	1.4+07	1	2JPNKTO	J,NSE,106,332	90 I.KIMURA,	22214026
2.8+06	2.8+06	1	3HUNDEB	J,AK,10,(2),112	6807 P.BORNEMISZA- PAUSP	30338007
5.3+05	1.3+06	4	3POLIBJ	J,ANE,7,(7),397	80 L.ADAMSKI,	30484002
8.8+05	5.7+06	11	3CPRAEP	J,CNP,2,(4),337	8011 FAN PEI-GUO,	30582002
1.4+07	1.5+07	3	3CPRAEP	J,CNP,2,(4),337	8011 FAN PEI-GUO,	30582003
1.7+06	5.5+06	33	3CPRAEP	J,CNP,2,(4),337	8011 FAN PEI-GUO,	30582004
9.9+05	4.2+06	16	3CHFSHI	J,NSF,16,(3),157	7909 C.-F.AI,	30628002
1.5+07	1.5+07	1	3MORMOH	J,NIM,227,249	8411 A.REGGOUG,	30643016
8.5+06	8.5+06	1	3CPRAEP	R,INDC(CPR)-16	8909 LU HANLIN,	30733011

1.5+07 1.5+07	1	3RUMPIT	J,RRP,29,421	84 I.GARLEA,	30813005
1.3+07 1.5+07	8	3HUNKOS	J,ZP/A,337,39	90 J.CSIKAI,	30966004
2.1+06 3.0+06	10	3HUNKOS	W,CSIKAI	9205 J.G.CSIKAI,	30983002
2.1+06 2.8+06	6	3BANRAM	W,CSIKAI	9205 N.I.MOLLA,	30984002
1.4+07 1.5+07	8	3CPRAEP	J,CNP,11,(2),53	89 LU HANLIN,	30999003
1.5+07 1.5+07	1	3RUMBUC	J,RRP,37,(1),19	92 I.GARLEA,	31459020
1.5+07 1.5+07	1	4CCPKGU	C,83KIEV,3,195	8310 V.L.DEMEKHIN,	40849003
1.5+07 1.5+07	1	4CCPMIM	J,AE,68,(2),128	9002 N.N.MOISEEV,	41063002
1.4+07 1.5+07	7	4RUSRI	R,INDC(CCP)-402	9701 A.A.FILATENKOV,	41240057
1.8+06 3.8+06	6	2UK CAV	J,NAT,161,475	4803 S.G.COHEN	62505002

$^{115}\text{In}(n,n')^{116\text{m}}\text{In}$ 

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