

49-In-115 (n, 2n) 49-In-114m

Abundance (%) = 95.71 ± 0.05

Q = -9.03870 MeV

E_{thr} = 9.11804 MeV

T_{1/2} = 49.51 d

E_γ = 190.27 ± 0.03 keV

I_γ = 15.4 ± 0.4

IT

E_γ = 558.43 ± 0.03 keV

I_γ = 4.394 ± 0.33

EC+β⁺

E_γ = 725.24 ± 0.03 keV

I_γ = 4.39 ± 0.33

EC+β⁺

IRDF-90

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

JENDL-3.2

- eval. - Mar 1990 JNDC FP Nuclear Data W.G.

Tabl. 1

U-235		
	IRDF-90	JENDL-3
10%	10.20	10.00
50%	11.50	11.40
90%	13.80	13.70
ACS	7.79E-04	9.41E-04

Tabl. 2

Cf-252		
	IRDF-90	JENDL-3
10%	10.20	10.10
50%	11.60	11.60
90%	14.10	14.10
ACS	1.55E-03	1.86E-03

Tabl. 3

1.5+07	1.5+07	1	1USASTF	R,AFWL-TR-68-134	6903 R.C.BARRALL,	10022020
1.5+07	1.5+07	1	1USALRL 1USASTF	J,NP/A,138,387	6912 R.C.BARRALL,	10031011
1.4+07	1.4+07	1	1USABRL	R,BRL-1491	7008 J.K.TEMPERLEY,	10214012
1.5+07	1.5+07	1	1USASMU	J,ANS,16,59	7306 G.N.SALAITA,	10356005
1.0+07	1.4+07	8	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522010
1.4+07	1.5+07	5	1CANCRC	J,CJP,54,757	76 D.C.SANTRY,	10522011
1.3+07	1.9+07	10	1USALOK 1USASTF	J,PR,163,1308	67 H.O.MENLOVE,	11421007
1.2+07	2.0+07	14	1USALAS	J,PR,121,1438	6103 R.J.PRESTWOOD,	11645020
1.5+07	1.5+07	1	2AUSIRK	J,NP/A,109,694	6803 H.ROETZER	20063007
1.3+07	2.0+07	21	2ZZZGEL	J,AKE,26,34	7508 A.PAULSEN,	20486004
1.5+07	1.5+07	1	2ITYTUR	J,ZP,217,83	6810 B.MINETTI,	21106008
1.5+07	1.5+07	1	2JPNKYU	P,NEANDC(J)-61U,94	7909 K.KAYASHIMA,	21300019
1.5+07	1.8+07	3	2UK NPL	J,JP/G,9,1549	8312 T.B.RYVES,	21918006
1.5+07	1.5+07	1	3POLIBJ	J,APP,33,409	6803 T.KOZLOWSKI,	30285003
1.4+07	1.4+07	1	3POLITJ	J,JRC,14,201	73 J.JANCZYSZYN,	30322012
1.5+07	1.5+07	1	3MORMOH	C,82ANTWER,,873	8209 A.REGGOUG,	30643004
1.5+07	1.5+07	1	3MORMOH	C,82ANTWER,,873	8209 A.REGGOUG,	30643015
1.3+07	1.8+07	16	3CPRFUD	C,88MITO,,315	88 LI JIANWEI,	30782002
1.6+07	1.6+07	1	3CPRFUD	C,88MITO,,315	88 LI JIANWEI,	30782003
1.6+07	1.6+07	1	3CPRFUD	C,88MITO,,315	88 LI JIANWEI,	30782004
1.3+07	1.5+07	8	3HUNKOS	J,ZP/A,337,39	90 J.CSIKAI,	30966003
1.5+07	1.5+07	1	3CPRAEP	J,CNP,11,(2),53	89 LU HANLIN,	30999002
1.2+07	1.8+07	17	3CPRAEP	J,CNP,11,(3),11	89 KE WEI,	31402004
1.1+07	1.8+07	11	3CPRAEP	J,CST,9,(2),113	7505 LU HANLIN,	32619008

1.4+07 1.5+07	7	4RUSRI	R,INDC(CCP)-402	9701 A.A.FILATENKOV,	41240056
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$^{115}\text{In}(n,2n)^{114\text{m}}\text{In}$

