

29-Cu-63 (n, 2n) 29-Cu-62

Abundance (%)	=	69.17 ± 0.03		
Q	=	-10.85306 MeV	E _{thr}	= 11.02701 MeV
T _{1/2}	=	9.74 m		
E _γ	=	875.71 ± 0.07 keV	I _γ	= 0.1499 ± 0.0093 β ⁺
E _γ	=	1173.02 ± 0.10 keV	I _γ	= 0.382 ± 0.015 β ⁺

IRDF-90	- eval. - Nov 1989 D. Hetrick, A. Vonach et al.
D-99 (JENDL/D-99)	- eval. - Mar 1996 Y. Uno.
ENDF/B-VI	- eval. - Nov 1989 D. Hetrick, C. Fu, D. Larson.
JENDL-3.2	- eval. - Mar 1987 N. Yamamuro, T. Kawakita.
CENDL-2	- eval. - Aug 1991 B. Yu, S. Chiba, N. Yamamuro et al.

Tabl.1

U-235					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	CENDL-2
10%	12.10	12.00	12.10	12.00	12.00
50%	13.50	13.40	13.50	13.40	13.40
90%	15.70	15.60	15.75	15.60	15.60
ACS	8.23E-05	8.38E-05	8.09E-05	8.77E-05	8.77E-05

Tabl.2

Cf-252					
	IRDF-90	D-99	ENDF/B-VI	JENDL-3	CENDL-2
10%	12.20	12.10	12.20	12.10	12.10
50%	13.60	13.60	13.60	13.60	13.60
90%	16.00	15.90	16.00	15.90	15.90
ACS	1.92E-04	1.94E-04	1.89E-04	2.04E-04	2.04E-04

Tabl.3

1.5+07	1.5+07	1	1USAARK	J,NP,35,353	62 J.KANTELE,	11196011
1.5+07	1.5+07	1	1USAARK	T,SIGG	76 R.A.SIGG	10776023
1.5+07	1.5+07	1	1USAORL	R,ORNL-3672	6501 J.E.STRAIN,	11263025
1.3+07	1.5+07	8	1USATNC	J,BAP,5,246(HA5)	6004 J.H.MC CRARY,	11268004
1.4+07	1.5+07	1	1CANCRC	J,CJP,31,267	53 E.B.PAUL,	11274035
1.3+07	2.7+07	6	1USALAS	J,PR,88,618	5211 J.E.BROLLEY JR,	11303003
1.2+07	1.8+07	7	1USANRD	J,PR,118,228	6004 J.M.FERGUSON,	11356004
1.5+07	1.5+07	1	1USABET	J,PR,120,901	60 J.A.DE JUREN,	11411003
1.4+07	1.4+07	1	1USALAS	J,PR,88,1309	5212 S.G.FORBES	11474006
1.2+07	2.0+07	18	1USAANL	J,PR,130,731	63 L.A.RAYBURN	11784002
1.2+07	1.8+07	4	1USARED	R,NP-11667	62 D.R.KOEHLER,	11785002
1.1+07	1.3+07	5	1USALAS	J,PR,77,787	5003 J.L.FOWLER,	11797002
1.5+07	1.5+07	1	1USANMX	J,ANE,13,301	8606 F.GHANBARI,	12950002
1.5+07	1.5+07	1	1USANMX	J,ANE,13,301	8606 F.GHANBARI,	12950003
1.5+07	1.5+07	1	2NOROSL	J,PR/B,137,878	6502 B.GRIMELAND,	20106007
1.5+07	1.5+07	1	2NOROSL	J,PR/B,137,878	6502 B.GRIMELAND,	20106008
1.4+07	1.4+07	1	2JPNKON	J,JPJ,12,443	5705 S.YASUMI	20280005
1.4+07	1.4+07	1	2JPNKON	J,JPJ,16,1869	6110 M.SAKISAKA,	20329003
1.3+07	2.0+07	28	2ZZZGEL	J,JNE,19,73	6502 H.LISKIEN,	20377004
1.5+07	1.5+07	1	2GERJUL	J,NP/A,185,614	7205 S.M.QAIM	20536008
1.5+07	1.5+07	1	2SF JYV	R,JU-RR-1/1976	76 M.VALKONEN	20673008
1.5+07	1.9+07	6	2UK NPL	J,MET,14,(3),127	7806 T.B.RYVES,	20772004
1.3+07	1.8+07	8	2GERHAM	J,NP/A,130,195	6906 M.BORMANN,	20835004

1.5+07	1.5+07	1	2ITYTUR	J,NP/A,93,218	6703 A.PASQUARELLI	20889023
1.4+07	1.5+07	27	2ITYNAP	J,NC/B,54,53	6803 P.CUZZOCREA,	20890005
1.5+07	1.5+07	2	2UK BIA	J,JIN,31,1	6901 D.CRUMPTON,	20930002
1.3+07	1.8+07	12	2UK LON	J,NP,1,73	5602 A.V.COHEN,	21115005
1.4+07	1.4+07	1	2ITYBOL	J,NC,26,1328	6212 M.CEVOLANI,	21266007
1.7+07	1.8+07	48	2FR BRC	J,CR,261,1266	6508 G.BARDOLLE,	21329002
1.3+07	2.0+07	8	2GERHAM	J,ZP,166,477	6202 M.BORMANN,	21339006
1.4+07	1.4+07	1	2GERHAM	J,ZN/A,16,227	61 H.POLLEHN,	21352008
1.4+07	1.4+07	1	2FR BOR	J,CR,257,4620	6412 J.LETESSIER,	21401002
1.4+07	1.4+07	1	2GERHAM	J,AKE,19,107	7204 R.MOGHARRAB,	21509003
1.3+07	1.6+07	5	2UK BIA	J,JP/G,4,3,445	78 R.A.JARJIS	21673003
1.3+07	1.5+07	14	2UK BIA	J,JP/G,4,3,445	78 R.A.JARJIS	21673005
1.5+07	1.5+07	1	3HUNDEB	C,65ANTWERP,,537	6507 J.CSIKAI	30038007
1.5+07	1.5+07	1	3INDBOS	P,BARC-305,30	6710 A.CHATTERJEE,	30061003
1.4+07	1.5+07	3	3INDBOS	C,69ROORKEE,2,117	6912 A.CHATTERJEE,	30612002
1.4+07	1.5+07	5	3AULCBR	J,NP,29,309	62 R.N.GLOVER,	31107003
1.5+07	1.5+07	1	3AULCBR	J,NP,29,309	62 R.N.GLOVER,	31107004
1.4+07	1.7+07	9	4CCPKUR	J,YF,7,(4),745	6804 M.F.ANDREEV,	40212004
1.4+07	1.7+07	9	4CCPKUR	J,YF,7,(4),745	6804 M.F.ANDREEV,	40212005
1.5+07	1.5+07	1	3INDBOS	J,BOS,40,81	77 M.MAJUMDER,	78012002

$^{63}\text{Cu}(n,2n)^{62}\text{Cu}$

