

$^{65}\text{Cu}(\text{d},\text{d}')$ 1967Hj02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 111, 2425 (2010)	1-Aug-2009

Target $J^\pi=3/2^-$.

1967Hj02: E(d)=15 MeV, FWHM \approx 50 keV (magnetic spectrometer), FWHM=70-90 keV (E/ Δ E telescope); measured $\sigma(\text{E}(\text{d}),\theta)$.

Data are from 1967Hj02, except as noted. Others: 1960Ra21, 1961Co07.

 ^{65}Cu Levels

<u>E(level)[†]</u>	<u>L[‡]</u>	<u>E(level)[†]</u>	<u>L[‡]</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>
0		2282		2894 [#]	3730 25
771	2	2329		2977 [#]	3800 25
1116	2	2407 [#]		3036	3930 [#] 25
1482	2	2533	3	3080	4010 [#] 25
1623		2593 [#]		3160? 25	4070 25
1725		2650		3270 25	4140 25
2094	2	2753		3350 25	4260 [#] 25
2107		2839		3510 25	
2213		2863 [#]		3640 25	

[†] Rounded values from Adopted Levels are given for E<3100.

[‡] From comparison of $\sigma(\theta)$ with experimental $^{60}\text{Ni}(\text{d},\text{d}')^{60}\text{Ni}$ data of 1965Jo11.

[#] Probably represents an unresolved group of levels.