

${}^{63}\text{Cu}(\text{d}, {}^3\text{He}), (\text{pol d}, {}^3\text{He})$ 1969Ma26, 1968Hi06, 1979Kn02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alan L. Nichols, Balraj Singh, Jagdish K. Tuli		NDS 113, 973 (2012)	15-Apr-2012

$J^\pi({}^{63}\text{Cu})=3/2^-$.

1969Ma26: E=51.7 2 MeV, Si telescopes, FWHM=250-350 keV.

1968Hi06: E=32.4 MeV, Si telescopes, FWHM=100-150 keV.

1979Kn02: E=9 MeV, telescopes, tensor-analyzing powers for g.s..

Data are from 1969Ma26. All groups above 1170 keV are multiplets.

 ${}^{62}\text{Ni}$ Levels

E(level)	L	$\text{C}^2\text{S}^\dagger$
0.0	1	0.70
1170 80	1+3	0.16+0.24
2320 80	1+3	0.08+0.09
3470 80	1+3	0.03+0.11
4110 80	3	1.35
4850 80	3	1.10
5540 80	3	0.39
5990 80	0	0.15
6540 80	0	0.40
6750 80	0	0.12

[†] From 1969Ma26. L=1 values agree well with 1968Hi06, but L=3 component is usually smaller than in 1968Hi06.