
 $^{67}\text{Zn}(\text{p,d})$ [1966Mc15](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 111, 1093 (2010)	3-Mar-2009

Target $J^\pi=5/2^-$.

E(p)=17.5 MeV, FWHM $\approx$ 70 keV; measured $\sigma(\theta)$, $\theta\approx 15^\circ-130^\circ$; DWBA analysis.

 ^{66}Zn Levels

E(level)	$L^\dagger$	$C^2S^\ddagger$	E(level)	$L^\dagger$	$C^2S^\ddagger$	E(level)	$L^\dagger$	$C^2S^\ddagger$	E(level)
0	3	0.19	2950 30	3	0.21	3680 30	1	0.13	4450 30
1040 30	1	0.04	3100 30	1	0.04	3800 30	1	0.35	5000 30
1870 30	1	0.004	3220 30	1	0.07	4000 30	1	0.04	
2440 30	(1)	0.009	3350 30	1	0.06	4100 30	1	0.17	
2770 30	1	0.23	3510 30	1	0.13	4300 30			

† From DWBA analysis of $\sigma(\theta)$.

‡ Renormalized by [1983Wa30](#) using a (p,d) normalization factor of 2.29 ([1977En02](#)).