^{68}Zn(d,^{3}He) 1978Ze04

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huang Xiaolong, J. K. Tuli	NDS 106, 159 (2005)	1-Apr-2005

E(d)=23.3 MeV, FWHM≈20 keV; measured $\sigma(\theta)$, DWBA analysis.

^{67}Cu Levels

E(level)	$J^{\pi \#}$	L‡	C^2S	Comments
0	3/2$^-$	1	1.9	
1130†	5/2$^-$		0.3	
1170†	1/2$^-$		0.26	
1670	7/2$^-$	3	0.90	E(level): a doublet formed of 1640 and 1680 levels.
2340	7/2$^-$	3	3.1	

† Unresolved doublet with L=1+3.
‡ From DWBA analysis of $\sigma(\theta)$.
$^{\#}$ Assumed to extract spectroscopic factors.