^{66}Zn(t,p)   **1972Hu06**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan	NDS 113, 1735 (2012)	1-Mar-2012

E(t)=12.08 MeV. Measured $\sigma(\theta)$ using multigap spectrograph and nuclear emulsions (FWHM=20 keV); DWBA analysis.
Other: 1968Hu08.

^{68}Zn Levels

E(level)	L[†]	$\sigma^{max}(\mu$b/sr$)$	Comments
0	0	4.8×10^3 *10*	
1075 *10*	2	119 *24*	
1656 *10*	0	59 *12*	
1881 *10*		18 *4*	
2334 *10*	2	163 *33*	
2416 *10*		19 *4*	
2747 *10*	3	79 *16*	
2821 *10*	2	27 *6*	
2955 *10*	4	33 *7*	
3100 *10*	0	41 *8*	
3157[‡] *10*	0	5.3×10^2 *11*	
3278 *10*	4	15 *3*	
3427 *10*	2	27 *6*	
3451[‡] *10*	5	29 *6*	
3492 *10*		15 *3*	
3583 *10*	(4)	9 *2*	
3620 *10*	3	28 *6*	
3682 *10*	(5)	14 *3*	
3712 *10*	0+4		L=1 qualitatively similar in (^{6}Li,d) (1979Ba11). σ^{max} (μb/sr) = 18 *4* for L=4 and 32 *7* for L=0.
3806 *10*	(3)		
3841 *10*	4	34 *7*	
3886 *10*	4	34 *7*	
3927 *10*		59 *12*	
4049 *10*	(2)	48 *10*	
4145 *10*	0	43 *9*	
4268 *10*		118 *24*	

[†] From DWBA fits to $\sigma(\theta)$.
[‡] Possible doublet.