

$^{64}\text{Zn}(t,p)$ 1972Hu06

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

1972Hu06: E(t)=11.885 MeV 15; FWHM \approx 20 keV; $\sigma(\theta)$, $\theta=5^\circ-80^\circ$; DWBA analysis.

 ^{66}Zn Levels

E(level)	L [†]	S [‡]	Comments
0	0	4.29 \times 10 ³ 86	
1042 10	2	98 20	
1877 10	2	43 9	
2379 10	0	49 10	
2455 10	(4)	6 1	
2779 10	2	111 22	
2830 10	3	103 21	
2943 10	2	61 12	
3091 10	4	20 4	
3120 10	0	42 8	
3216 10	2	14 3	
3336 10	2	56 11	
3529 10	0	41 8	
3674 10	2	15 3	
3737 10	(2)+(4)		S: 86 17 for L=(2) and 49 10 for L=(4).
3899 10	5	32 6	
3972 10	(4)	7 2	
4024 10	2	25 5	
4120 10	(1)	28 6	
4184 10	(3)	8 2	
4257 10	(7)	19 4	
4327 10	2	18 4	
4394 10	3	49 10	
4435 10	1	104 21	
4511 10	0+(2)		S: 140 28 for L=0 and 37 7 for L=(2).
4567 10	5	19 4	
4618 10			

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

[‡] $\sigma(\text{max})$ values are given in $\mu\text{b/sr}$.