

$^{100}\text{Mo}(t,p)$ 2006Ra12

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

E=12 MeV. Measured $\sigma(E(p),\theta)$, $\theta=5^\circ$ to 87.5° at 7.5° intervals. (12 angles), FWHM=12 keV; multi-channel magnetic spectrograph and emulsion plates, DWBA calculations Others: [1972Ca10](#), [1973Ta06](#), [1981FI06](#).

 ^{102}Mo Levels

E(level) [‡]	L [†]	Comments
0	0	
298 2	2	
697 4	0	
850 2	2	
1248 4	(0+2)	E(level),L: unresolved doublet; 45%(L=0) and 55%(L=2).
1330 2	0	
1608 2	2	
1878 2	3	
2108 3	1	
2122 1	0	
2234 3	4	
2248 7	2	
2305 3	2	
2366 1	2	
2412 4		
2485 4	2	
2502 1	4	
2522 2	3	
2608 1		
2659 4	4	
2684 7	3	
2704 4	0	
2742 2		
2797 4		
2851 1		
2872 3	2	
2943 4	0	
2988 11	4	
3010 7	2	
3063 2	4	
3091 3	3	
3125 3	2	
3162 5	4	
3193 7	2	
3248 1		

[†] From comparison of $\sigma(\theta)$ distributions with DWBA calculations ([2006Ra12](#)).

[‡] From [2006Ra12](#).