

$^{94}\text{Mo}(\text{t,p})$ 1988Ch29,1981FI06

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 109,2501 (2008)	1-Apr-2008

E=12 MeV; FWHM $\approx$ 15 keV (1988Ch29); 17 MeV; FWHM $\approx$ 15 keV (1981FI06).

Measured: $\sigma(\text{E},\theta)$; DWBA analysis.

 ^{96}Mo Levels

E(level) [‡]	L [‡]	S [†]	Comments
0.0	0	1.69	
777 3	2	0.73	
1146 5	0	0.02	
1497 8	2	0.03	
1626 5	4		L: from 1988Ch29; L=2+4 in 1981FI06.
1866 8	4	0.45	
2228 8	3	1.61	
2421 8	2	0.28	
2476 8	4	0.06	
2536 10	2	0.77	
2621 10	4	0.26	
2742	0		E(level),L: observed only in 1988Ch29.
2755 10	(5)		E(level): broad group presumably correspond to unresolved states.
2780	2		E(level),L: observed only in 1988Ch29.
2819 10	4	0.26	
2875? 10			E(level): may belong to ^{97}Mo .
3007	0		E(level),L: from 1988Ch29.
3020 10	5	0.11	
3184 10	4	0.26	E(level),L: E=3174; L=3 in 1988Ch29. E(level): probably multiplet (1981FI06).
3241 12	4	0.26	
3281 12	2	0.13	
3335 10	4	0.16	
3375 10	2	0.32	
3418 12	5	0.07	L: L=4 in 1988Ch29.
3434 12	4	0.10	E(level): not observed in 1988Ch29; only partially resolved in 1981FI06.
3473 10	2	0.18	L: L=2 in 1988Ch29; L=(2) in 1981FI06.
3556 10	5	0.03	L: L=4 in 1988Ch29.
3593? 12			E(level): may belong to ^{97}Mo .
3646 10			Complex state.
3683 12			Complex state.
3709 12	2	0.21	
3737 12	4	0.12	
3847 12			E(level),S: only partially resolved.
3867 12	(5)		E(level),S: only partially resolved.
3959 12			
4080 12	4	0.32	
4205 12	4	0.15	
4471 12			
4594 12			
4714 12	1		

[†] $S=N(d\sigma/d\Omega)(\text{exp})/(d\sigma/d\Omega)(\text{DWBA})$ with $N=0.00469$ (from 1981FI06).

[‡] From 1981FI06 except where noted.