

$^{97}\text{Mo}(t,\alpha)$ 1984CI01

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

$J^\pi(^{97}\text{Mo})=5/2^+$.

$E=17$ MeV; FWHM \approx 18 keV.

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

 ^{96}Nb Levels

E(level)	J^π [†]	L	$d\sigma/d\Omega(50^\circ)(\mu\text{b}/\text{sr})$	Comments
0.0	6^+	4	102	
40.8	(5^+)	4	92	
147.8	(4^+)	4	56	
192.8	(3^+)	4	44	
230.8	(7^+)	4	62	
521.8	(2^-)	1	177	
644.8	(2^+)	4	18	
876.8	(3^-)	1	258	J^π : from DWBA analysis in 1984CI01.

[†] Adopted values.