

$^{98}\text{Mo}(\text{p,d})$  IAS 1973Ko04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 111, 525 (2010)	19-Nov-2009

$E(\text{p})=38.6$  MeV, FWHM=50 keV; measured  $\sigma(E,\theta)$ . Analysis DWBA with DWUCK, N=2.54.

 $^{97}\text{Mo}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	L	C <sup>2</sup> S	Comments
13030 30	9/2 <sup>+</sup>	4	2.10	$\Gamma=70$ 20 keV. Analog of $^{97}\text{Nb}$ 9/2 <sup>+</sup> g.s..
13790 30	1/2 <sup>-</sup>	1	1.00	Analog of $^{97}\text{Nb}$ 1/2 <sup>-</sup> 743-keV level.
14260 30				
14300 <sup>‡</sup> 30	(3/2 <sup>-</sup> )	1	1.09	
14340 <sup>‡</sup> 30	(3/2 <sup>-</sup> )	1	0.94	
14380 30				
14500 30	(5/2 <sup>-</sup> )	3	1.74	Analog of $^{97}\text{Nb}$ 5/2 <sup>-</sup> 1433-keV level.

<sup>†</sup> From 1973Ko04.

<sup>‡</sup> Only one L=1 state (at 1251.01 keV) has been identified in  $^{97}\text{Nb}$  in this energy region.