^{98}Mo(d,^{3}He)   **1974Bi08**

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

^{97}Nb Levels

E(d)=40.7; measured $\sigma(\theta)$; silicon-detector telescopes, FWHM=50 keV. DWBA analysis with DWUCK (N=2.30).
Other: 1968Oh01.

E(level)	$J^{\pi\dagger}$	L	C^2S	Comments
0.0	9/2$^+$	4	2.27	
746 5	1/2$^-$	1	2.06	
1251 8	3/2$^-$	1	2.43	
1438 9	5/2$^-$	3	5.8	
1764 10		1+2‡	0.12,0.06	C^2S: for J^{π}=3/2$^-$ and 5/2$^+$ respectively (1974Bi08).
2090 10		2+3‡	0.08,1.0	C^2S: for J^{π}=5/2$^-$ and 5/2$^+$ respectively (1974Bi08).
2244 10	3/2$^-$	1	0.26	
2386 12	(3/2$^-$)	(1)	(0.29)	
2550 20	1/2$^-$,3/2$^-$	1	0.37	C^2S: for J=3/2.
2948 15		1+3	0.15,0.98	L: best fit obtained with L=1 + L=3 admixture.
				C^2S: for J^{π}=3/2$^-$ and 5/2$^-$ respectively (1974Bi08).

† From Adopted Levels.
‡ Could not be fitted assuming a single L value.