^{100}Mo(d,^{3}He)   1974Bi08

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 145, 25 (2017)	1-Jul-2017

E=40.7 MeV; FWHM=50 keV.
Measured $\sigma(E,\theta)$; DWBA analysis.

^{99}Nb Levels

E(level)	T$_{1/2}$	L[†]	C^{2}S[‡]	Comments
0		4	2.65	
369 5	2.5 min 2	1	1.55	T$_{1/2}$: From Adopted Levels.
562 5		1	2.52	
816 7		(2)	0.16	L: best fit for L=2, but L=1+3 also possible.
				C^{2}S: 0.11+0.72 if L=1+3.
970 10		1	1.0	
1271 10		1	0.56	
1413 15		3	2.30	
1573 12		3	1.00	
1746 15		1	0.27	
1967 12		(1)	0.27	

[†] From DWBA.
[‡] C^{2}S from DWBA.