

$^{96}\text{Mo}(\text{d}, ^3\text{He})$ [1974Bi08](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, G. Mukherjee, A. A. Sonzogni		NDS 111, 2555 (2010)	30-Jun-2009

E=40.7 MeV. Measured $\sigma(\theta=8.3^\circ$ to $40.8^\circ)$; Si telescopes. FWHM=50 keV. DWBA. Experimental results are compared to the predictions of a hole-core coupling model. See [1983Lu03](#) for other references.

 ^{95}Nb Levels

E(level)	J^π [†]	L	C ² S
0.0	9/2 ⁺	4	2.54
232 5	1/2 ⁻	1	1.50
792 7	3/2 ⁻	1	1.74
1000 8	5/2 ⁻	3	1.98
1221 12	3/2 ⁻	1	1.72
1623 12	3/2 ⁻ & 5/2 ⁺	1+2	0.14+0.06
1980 25	3/2 ⁻ & 5/2 ⁻	1+3	0.07+0.59
2328 12	3/2 ⁻ & 5/2 ⁻	1+3	0.14+1.12
2481 12	5/2 ⁻	3	1.17
2786 15	5/2 ⁻	3	1.12

[†] Assumed by [1974Bi08](#) for the extraction of C²S (most plausible values based on the shell model).