

$^{94}\text{Mo}(^3\text{He},d)$ [1975Ch23](#)

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=18 MeV. Measured $\sigma(\theta=10^\circ-90^\circ, 5^\circ \text{ steps})$; Si $\Delta E/E$ telescope. FWHM=45 keV. DWBA. Others: [1972As07](#) and [1972Sh28](#).

 ^{95}Tc Levels

E(level) [†]	J π [‡]	L	C ² S [#]	E(level) [†]	J π [‡]	L	C ² S [#]	E(level) [†]	L	C ² S [#]
0.0	9/2 ⁺	4	0.68	2257 15	5/2 ⁺	2	0.016	3339 20	0	0.034
40 5	1/2 ⁻	1	0.27	2308 15		2	0.011,0.006	3401 20	2	0.035,0.017
629 5	3/2 ⁻	1	0.072	2454 15				3481 20	2	0.064,0.030
1071 10	5/2 ⁺	2	0.017	2550 15		1	0.041,0.018	3616 20	(2)	(0.09,0.04)
1201 10		1	0.027,0.012	2696 15		2	0.018,0.009	3700 20		
1264 10		2	0.080,0.041	2763 15		0	0.089	3800 20	(0)	(0.057)
1416 10		2	0.11,0.060	2816 15		2	0.311,0.153	3905 20	(0)	(0.035)
1620 10	3/2 ⁻	1	0.046	2938 15		(0)	(0.022)	3986 20	(2)	(0.08,0.04)
1733 10		1	0.032,0.014	3001 20		(2)	(0.04,0.02)	4110 25	(0)	(0.017)
1967 10		(0)	(0.007)	3119 20		0	0.020	4180 25	2	0.033,0.017
2077 15		2	0.024,0.012	3197 20		0	0.048	4254 25	2	0.046,0.022

[†] Uncertainties estimated by the evaluator based on statement by [1975Ch23](#) that the energy calibration is accurate to 5 keV per MeV of excitation energy.

[‡] Assumed for the determination of C²S.

[#] Where two values are given, the value for L-1/2 is the first value. N=4.42 was assumed by [1975Ch23](#) and the values were renormalized with respect to the total number of holes in the orbitals.