^{94}Mo(^{3}He,α)   **1972Fo14**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 112, 1163 (2011)	15-Dec-2010

E=16 MeV; 95% ^{94}Mo target, solid-state detectors, FWHM<70 keV, θ(lab)=25°−90° (5° steps); measured angular distribution, DWBA analysis.

^{93}Mo Levels

E(level)	L†	C^{2}S†	Comments
0	2	1.1	
1350 *30*	4	0.3	
1470 *30*	4	0.9	
2270 *30*	(5)	0.3	
2400 *30*	4	3.8	
2520 *30*	4	2.6	
3170 *30*	1	0.5	
3270 *30*	4	0.5	
3420 *30*	2	0.5	
3580 *30*	4	2.0	magnitude of C^{2}S argues In favor of g$_{9/2}$, rather than g$_{7/2}$, neutron pickup (1972Fo14).

† From DWBA analysis of angular distribution; relative C^{2}S normalized so Σ C^{2}S(L=4 levels, 1350 level excepted)=9.8, the expected sum rule value.