

$^{92}\text{Mo}(^3\text{He},\text{p})$ 1979Ra16

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 107, 2423 (2006)	1-Jan-2006

E=25 MeV. Enriched target. Magnetic spectrometer, FWHM=45 keV. $\theta=5^\circ$ to 50° . DWBA analysis. For some levels, coupled-channels calculations are performed which take into account the interference between one-step and two-step process.

 ^{94}Tc Levels

E(level) [†]	L [‡]	E(level) [†]	L [‡]	E(level) [†]	L [‡]	E(level) [†]	L [‡]
0	6	1289		2719	0	3756	@
72	2	1349		2960	2+4	3792	2+4
108 [#]		1412	0+2	3082	2+4	3840	2+4
210	4+6	1523	2	3144	2,2+4	3889	@
238	4	1743		3187	2,2+4	3956	2+4
326	1+3	1783	2+4	3261		4036	@
432	0+2	1871	2+4	3310		4071	2
470	3	2124	0+2	3363		4132	2+4
815 [#]		2186	0+2	3431		4227	2+4
908		2252	0+2	3499		4272	
955	0+2	2341		3574		4356	
1031	2+4	2397		3627	2,2+4	4427	
1250	2+4	2504		3677	2,2+4		

[†] $\Delta E=10$ keV to 15 keV.

[‡] From DWBA.

[#] Possible doublet.

@ Angular distribution could be of L=0 or L=0+2 shape, but no assignments are possible because of missing data points and large errors.