

$^{95}\text{Mo}(\text{p,t})$ 1972Ba49,1972OhZT

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

$J^\pi(^{95}\text{Mo})=5/2^+$.

1972OhZT: E=52 MeV, magnetic spectrometer with counter array, measured $\sigma(\theta)$; DWBA analysis.

1972Ba49: E(p)=31 MeV, 96.8% ^{95}Mo target, magnetic spectrograph with nuclear emulsions, FWHM=20 keV, $\theta(\text{lab})=5^\circ-50^\circ$ (5° intervals); measured $\sigma(\theta)$; DWBA analysis.

 ^{93}Mo Levels

<u>E(level)[‡]</u>	<u>L[†]</u>	<u>E(level)[‡]</u>	<u>L[†]</u>	<u>E(level)[‡]</u>	<u>L[†]</u>	<u>E(level)[‡]</u>	<u>L[†]</u>
0	0	1478 5		1695 5	0	3400 [#]	
945 5	2	1495 5	2	2180 5		3590 [#]	
1365 5		1520 5		2370 [#]		4220 [#]	0 [#]

[†] Based on DWBA analysis of $\sigma(\theta)$; from 1972Ba49.

[‡] From 1972Ba49, except as noted.

[#] From 1972OhZT.