

⁹⁸Mo(d,p) **1969Mo24,1970Di06**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 145, 25 (2017)	1-Jul-2017

E=12.0 MeV. FWHM=7 keV to 9 keV. $\theta=8^\circ$ to 55° (**1969Mo24**); energies of **1969Mo24** are recalibrated according to **1970Di06**.

⁹⁹Mo Levels

E(level)	L [†]	S [‡]	E(level)	L [†]	S [‡]	E(level)	L [†]
0	0	0.67	798	(3)	0.021	1548	
98	2	0.21	896	2+0	0.092+0.021	1672	
236	4	0.42	913	(2)	0.008	1722	1
353	2	0.11	952	3	0.054	1755	2
529	0	0.042	1033	1	0.048	1812	
552	2	0.43	1261	0	0.008	1845	
619	2	0.018	1391	2		1930	0
688	5	0.14	1453?			1948	0
760	(4)	0.22	1493	2		1965	0

[†] From DWBA (**1969Mo24**).
[‡] Spectroscopic factor S defined by $\sigma=(2J+1)\times S\times\sigma(\text{DWBA})$.