

$^{92}\text{Mo}(\text{pol p,d})$ 1993Hi12

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 114, 1293 (2013)	1-Sep-2013

Other: 1971Ma58.

1993Hi12: E=65 MeV; enriched target, $\theta(\text{lab})=5^\circ-45^\circ$, magnetic spectrograph, FWHM \approx 40 keV; measured $\sigma(\theta)$ and analyzing power.

1971Ma58: E=24.5 MeV; enriched target, semi, FWHM=80-150 keV.

 ^{91}Mo Levels

E(level) [†]	J π [‡]	L [‡]	C ² S	E(level) [†]	J π [‡]	L [‡]	C ² S
0	9/2	4	6.09	3956 [#]	(7/2&9/2)	(3+4)	(0.07+0.2)
656	1/2	1	1.58	4074	9/2	4	0.24
1158	3/2	1	1.76	4151 [#]	(7/2&9/2)	(3+4)	0.14+0.14
1365	5/2	2	0.12	4283	9/2	4	0.20
1532	5/2	3	2.32	4383 [#]	(5/2&7/2)	(3+3)	0.11+0.15
1902	9/2	4	0.51	4481	5/2	3	0.24
2084	3/2	1	0.16	4664	3/2	1	0.18
2226	9/2	4	0.068	4796	7/2	3	0.49
2304 [#]	(9/2&1/2)	(4+1)	0.40+0.046	4917			
2454	9/2	4	0.10	5056			
2548				5177			
2718	5/2	3	0.73	5295	7/2	3	0.26
2821	9/2	4	0.41	5394	7/2	3	0.54
2901	3/2	1	0.15	5516	7/2	3	0.66
2997				5690	(7/2)	(3)	0.43
3094				5796			
3187	3/2	1	0.079	5930	7/2	3	0.69
3330	9/2	4	0.27	6070	7/2	3	0.58
3456	7/2	3	0.92	7026	9/2	4	0.23
3591	(7/2)	(3)	0.20	7158	1/2	1	0.25
3649	5/2	2	0.031	8433	3/2	1	0.18
3758				8742	3/2	1	0.26
3823	7/2	3	0.34	8938	5/2	3	0.68

[†] From 1993Hi12. Values are within about 5 keV of adopted E(level) up to about 4500 keV, but at higher energies data from 1993Hi12 are systematically higher (up to 90 keV high by E \approx 9 MeV).

[‡] From DWBA analysis of $\sigma(\theta)$ and analyzing power (1993Hi12).

[#] Doublet (1993Hi12).