^{92}Mo(d,d′), (pol d,d) 1978Wa11,1966Ki04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 113, 2187 (2012)	15-Sep-2012

Others: 1987Ta15, 1981Bi09, 1975Ba41.
Enriched targets.
1966Ki04: E(d)=15 MeV; FWHM=40-50 keV; θ(lab)=40°, 60°.
1975Ba41: E(pol d)=15 MeV; two ΔE-E solid-state counter telescopes; 99% purity ^{92}Mo targets; measured $\sigma(\theta)$, vector and tensor analyzing powers for 0,1540,2850 levels; DWBA analysis; deduced β_L.
1978Wa11: E(d)=21.5 MeV; FWHM≈80 keV; θ(lab)=20°−150°.
1981Bi09: E(pol d)=12.0 MeV; θ(c.m.)≈30°−160°; $iT_{11}(\theta)$.
1987Ta15: E(pol d)=22 MeV; θ(lab)=30°−170°; measured vector and tensor analyzing powers. Elastic scattering only.

^{92}Mo Levels

E(level)[†]	Jπ[‡]	β_L[#]
0	0^+	
1510 *10*	2^+	0.083
2300	4^+	
2527[@] *10*	5^-	
2850 *10*	3^-	0.124
3120	2^+	

[†] From 1978Wa11 if ΔE specified, from 1966Ki04 otherwise.
[‡] From Adopted Levels.
[#] β_L from coupled-channels analysis of $\sigma(\theta)$ (1978Wa11).
[@] This peak would mask that for the 0^+ 2520 level, if present (1978Wa11).