^{100}Mo(n,γ) E=res 1979We07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	ENSDF	1-Jul-2006

E=0.1– 26 keV.

Measured σ(E), γ, deduced J^π from the relative population following different neutron resonance and combining with L values from other (d,p) work.

^{101}Mo Levels

E(level)	J^π	E(level)	E(level)	E(level)
0	$1/2^+$	454.5 *4*	822.3 *16*	1445.5 *6*
13.6 *4*		480.0 *3*	853.8 *5*	1548 *3*
57.1 *11*		540.1 *4*	911.1 *7*	1631.5 *8*
170.6 *6*		567.7 *5*	1011.1 *7*	1635.2 *20*
289.4 *5*		584.2 *5*	1055.9 *7*	1738 *3*
294.3 *5*		708.7 *20*	1118.4 *5*	1811 *3*
318.8 *5*		798.6 *6*	1282.2 *20*	2071.8 *20*
351.3 *16*		812.3 *20*	1292.2 *6*	2110 *3*