

$^{200}\text{Hg}(\text{p},\text{p}')$ 1991Ho07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 192,1 (2023)	1-Aug-2023

1991Ho07: E(p)=28.1 MeV; Target: HgO enriched to 95.74% in ^{200}Hg ; Detectors: Enge split-pole spectrograph, position-sensitive solid-state detectors placed in the focal plane of the spectrograph; surface-barrier detector.

 ^{200}Hg Levels

E(level) [†]	J ^π [†]	E(level) [†]	J ^π [†]	E(level) [†]	J ^π [†]	E(level) [†]	J ^π [†]
0	0 ⁺	1706 4	6 ⁺	2288 9		2659 4	
368 3	2 ⁺	1734 5		2379 4		2800 10	
950 4	4 ⁺	1855 4	5 ⁻	2416 4		2837 4	(1 ⁻)
1028 9	0 ⁺	1975 4		2481 4		2948 5	
1256 4	2 ⁺	2047 7		2515 6		2989 6	
1516 7	0 ⁺	2150 4	3 ⁻	2565 4		3061 4	
1573 4		2184 7	1 ⁺	2611 3	3 ⁻	3097 5	
1660 4	4 ⁺	2230 8	1 ⁺	2630 6		3169 4	

[†] From 1991Ho07. J^π based on p'(θ) analysis in 1991Ho07.