

$^{202}\text{Hg}(\text{p},\text{p}')$ 1991Ho07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 196,342 (2024)	1-Sep-2023

1991Ho07: E(p)=28 MeV, 96.3% ^{202}Hg , 176 $\mu\text{g}/\text{cm}^2$ thick. Enge split-pole spectrograph with FWHM=17 keV. Measured $\text{p}'(\theta)$, coupled-channel calculations.

 ^{202}Hg Levels

E(level) [†]	J^π [†]	E(level) [†]	J^π [†]	E(level) [†]	J^π [†]	E(level) [†]	J^π [†]
0	0 ⁺	1798 4		2289 5		2923 4	
440 3	2 ⁺	1824 7		2357 4	3 ⁻	3026 5	
959 4	2 ⁺	1851 7		2466 4		3059 4	5 ⁻
1121 4	4 ⁺	1966 4	5 ⁻	2523 4		3087 4	
1310 4	4 ⁺	1995 6		2564 4	(4 ⁺)	3118 4	
1385 8		2067 8		2610 4		3166 4	3 ⁻
1574 5		2134 4		2710 4	3 ⁻	3264 4	
1644 4	0 ⁺	2215 5		2752 6		3299 5	

[†] From 1991Ho07. J^π is based on $\text{p}'(\theta)$.