^{201}Hg(d,d′),^{201}Hg(p,p′) 1972Mo12

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 187,355 (2023)	20-Sep-2022

Beam: E(d)=17 MeV, θ=90°; ^{201}Hg(p,p′), θ=75°,90° Target: enriched ^{202}Hg, but isotopic purity is unknown; Detectors: photographic emulsions, split-pole spectrograph, FWHM=8-9 keV.

^{201}Hg Levels

E(level)†	Jπ‡	E(level)†	Jπ‡	E(level)†	Jπ‡	E(level)†
0	$3/2^-$	412	$7/2^-$	1707	$(5/2^-,7/2^-)$	2891?
≈32	$3/2^-$	465	$5/2^-$	2526		3735
163	$1/2^-$	1325		2629	$7/2^+,9/2^+$	3965
382	$(5/2)^-$	1505		2681		

† From 1972Mo12. ΔE=0.4% for well-resolved peaks.
‡ From Adopted Levels.