^{202}Hg(pol d,^{3}He) 1994Gr07

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

1994Gr07: Beam: E(d)=79.1 MeV; Target: ^{202}Hg, enriched to 4.8%; Detectors: magnetic spectrometer; Measured: σ (θ), vector analyzing power; DWBA analysis to deduce J^{π} and spectroscopic strengths.

^{201}Au Levels

E(level)[†]	J^{π}[†]	C^2S[†]
0.0[‡]	$3/2^+$	2.90
94[#] 5	$1/2^+$	0.60
907 5	$1/2^+$	0.27
1459[@] 5	$5/2^+$	2.04
1508[&] 5	$11/2^-$	3.66

[†] From 1994Gr07.
[‡] Dominant configuration=$\pi(d^{-1}_{3/2})$.
[#] Dominant configuration=$\pi(s^{-1}_{1/2})$.
[@] Dominant configuration=$\pi(d^{-1}_{5/2})$.
[&] Dominant configuration=$\pi(h^{-1}_{11/2})$.