^{204}Hg(pol d,^{3}He) 1994Gr07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 177, 509, 2021	4-Jul-2021

1994Gr07: Beam: E(d)=79.1 MeV; Target: ^{204}Hg, enriched to 92.6%; Detectors: magnetic spectrometer; Measured: σ (θ), vector analyzing power; DWBA analysis to deduce J^{π} and spectroscopic strengths.

^{203}Au Levels

E(level)†	Jπ†	C^{2}S†	E(level)†	Jπ†	C^{2}S†	E(level)†	Jπ†	C^{2}S†	E(level)†	Jπ†	C^{2}S†
0.0‡	3/2$^+$	2.35	641@ *3*	11/2$^-$	7.87	1087& *3*	5/2$^+$	3.38	1590 *3*		0.13
39# *3*	1/2$^+$	0.64	774 *3*	5/2$^+$	0.44	1284 *3*	1/2$^+$	0.12	1755 *3*	(5/2$^+$)	0.54
389 *3*	3/2$^+$	0.39	987 *3*		0.08	1457 *3*	11/2$^-$	3.28	1839 *3*		0.07

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