^{200}Hg(p,d) 1985Ve05

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 108, 79 (2007)	15-Oct-2006

1985Ve05: E=25 MeV; magnetic spectrometer, FWHM=13-20 keV, $\sigma(\theta)$, DWBA analysis.

^{199}Hg Levels

E(level)	J^{π}[†]	L	S	E(level)	E(level)
0[#]	1/2$^-$	1	1.10	455[&]	696[@]
158[#]	5/2$^-$	3	1.6	492[&]	750[@]
208[#]	3/2$^-$	1	0.56	532[@]	822?[&]
403[‡#]	3/2$^-$	(1)	0.84[‡] *10*	638[&]	969[&]
414[‡#]	5/2$^-$	(3)	1.5[‡] *2*	670[&]	1223[@]

[†] From 'Adopted Levels'.
[‡] 403 and 414 form an unresolved structure. The spectroscopic factors are very different from the corresponding spectroscopic factors in ^{195}Hg and ^{197}Hg. Δ(S) from uncertainty in decomposition of 403+414 doublet.
[#] Strong peak At 5° In spectrum figure 1 of 1985Ve05.
[@] Medium intensity peak At 5° In spectrum figure 1 of 1985Ve05.
[&] Weak peak At 5° In spectrum figure 1 of 1985Ve05.