^{196}Hg(p,t) 1990Ve13

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh	NDS 177, 1 (2021)	3-Sep-2021

1990Ve13: E=25 MeV proton beam was produced from the Orsay MP tandem. Target was natural Hg. Reaction products were momentum analyzed with a split-pole magnetic spectrometer (FHWM=10 keV). Measured $\sigma(\theta)$. Deduced levels, L-transfers from DWBA analysis. Authors report levels populated with L=0 only.

^{194}Hg Levels

E(level)	L[†]
0	0
1500	0

[†] From comparison of experimental angular distributions with calculated DWBA values (1990Ve13).