^{204}Hg(^{3}He,n) 1977An19

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 201,346 (2025)	21-Jan-2025

1977An19: ^{204}Hg(^{3}He,n) reaction with E=33.3 MeV. Measured: neutron time-of-flight and n(θ). The same results are also reported in 1979An07.

^{206}Pb Levels

E(level)†	L†	Comments
0	0	
2400	0,2	
4.1×10^{3} *1*	0	E(level): The level is interpreted as a proton-pairing vibration state, with 70% of the theoretical strength being accounted for. Another 12% of the L=0 strength might be associated with the 2400 level. L: Small amount of L=2 transfer, presumably due to higher-J states, is also reported by 1977An19.

† From 1977An19.