^{178}Hf(p,t):^{178}Hf(31 y) 1993Ro20,1994RoZZ

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia	NDS 107, 791 (2006)	15-Sep-2005

$J^{\pi}(^{178}Hf)=16^+$.

Target: ^{178}Hf(31 y), E=19 MeV. Measured scattered tritons at θ= 4°, 12.5°, 27°, 42.5°, and 55°. Detector: magnetic spectrometer. Measured L=0 transfer to 3266 level ($J^{\pi}=16^+$) in ^{176}Hf. (1992Ro20).

Measured ratio σ ($16^+ - 16^+$)/σ ($0^+ - 0^+$)≈0.3 agrees with expected value from theory (1994RoZZ). Other: 1994KuZM.

^{176}Hf Levels

E(level)	J^{π}	L
3266	16^+	0