^{156}Hf α decay (23 ms)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. J. Martin	NDS 114, 1497 (2013)	31-Aug-2013

Parent: ^{156}Hf: E=0.0; $J^\pi=0^+$; $T_{1/2}$=23 ms *1*; Q(α)=6028 *4*; %α decay=100.0
^{156}Hf-$T_{1/2}$: Value adopted by 2003Re20.
^{156}Hf-%α decay: Value adopted by 2003Re20.

^{152}Yb Levels

E(level)	J^π
0.0	0^+

α radiations

Eα	E(level)	Iα[†#]	HF[‡]	Comments
5873 *4*	0.0	100	1.0	Eα: From 1996Pa01. Other: 5878 *10* (1979Ho10). Iα: only one α group was observed. An upper limit of 5.7×10^{-6}% of α decay is calculated for an unobserved 4381-keV α to the 2^+ state at 1531.2 keV in ^{152}Yb by requiring HF(4381α)>1.

† α intensity per 100 α decays.
‡ $r_0(^{152}Yb)$=1.554 *3* is calculated from HF(5873α)=1.0.
# Absolute intensity per 100 decays.