^{158}Ta α decay (36.0 ms) 1997Da07,1996Pa01,1979Ho10

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	C. W. Reich	NDS 110, 2257 (2009)	1-May-2008

Parent: ^{158}Ta: E=141 *9*; $J^\pi=(9^+)$; $T_{1/2}$=36.0 ms *7*; Q(α)=6124 *4*; %α decay=96 *4*
^{158}Ta-E: Additional information 1.
^{158}Ta-J^π: Additional information 2.
^{158}Ta-$T_{1/2}$: Additional information 3.
^{158}Ta-Q(α): Additional information 4.
^{158}Ta-%α decay: 96% 4 from experimental Iα ratios, 93% 6 (1979Ho10), 0.99 *13* (1996Pa01), and 1.00 *8* (1997Da07). Note %α=95 *5*, from ^{158}Ta ADOPTED values.
Additional information 5.
Production: from ^{162}Re α decay.

^{154}Lu Levels

E(level)	J^π	Comments
59 *9*	(9^+)	J^π: From ^{154}Lu Adopted Levels.

α radiations

Eα	E(level)	Comments
6048 *3*	59	Eα: Weighted average of 6046 *4* (1996Pa01), 6051 *6* (1979Ho10), 6048 *5* (1997Da07).