^{164}Re α decay (0.86 s) 2009Ha42

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 176, 1 (2021)	1-May-2021

Parent: ^{164}Re: E=0.0+x; $T_{1/2}$=0.86 s *+15−11*; Q(α)=5926 *5*; %α decay=3 *1*
^{164}Re-2009Ha42 assumed this state to be an isomeric state of ^{164}Re.
^{164}Re-$T_{1/2}$: Measured in 2009Ha42.
^{164}Re-%α decay: From 2009Ha42.
See ^{164}Re α decay:0.85 s dataset for details about 2009Ha42.

^{160}Ta Levels

The energy of the level populated in this α decay is not known. A second level could exist provided the second α branch is confirmed.

E(level)
≥0.0

α radiations

Eα	E(level)	Comments
5623 *10*	≥0.0	
5846[†]		Eα: very weak (two counts) tentative branch signaled by 2009Ha42.

[†] Existence of this branch is questionable.