^{215}Ac ε decay (0.17 s)　　1968Va04

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	S. Kumar, B. Singh, K. Rojeeta Devi, A. Rohilla	NDS 114, 2023 (2013)	23-Sep-2013

Parent: ^{215}Ac: E=0.0; J^π=9/2$^-$; T$_{1/2}$=0.17 s 1; Q(ε)=3497 15; %ε+%β^+ decay=0.09 2

^{215}Ac-J^π,T$_{1/2}$: From ^{215}Ac Adopted Levels.

^{215}Ac-Q(ε): From 2012Wa38.

^{215}Ac-%ε+%β^+ decay: %ε+%β^+=0.09 2 (1968Va04).

1968Va04: ε+β^+ branching ratio obtained by observing the presence of an 8.70 MeV 2 α group assigned to α decay of ^{215}Ra.
　　^{215}Ra as daughter of ^{215}Ac formed in ^{203}Tl(^{16}O,4n)^{215}Ac reaction.

^{215}Ra Levels

E(level)	J^π	Comments
0	(9/2$^+$)	Assumed that g.s. is populated in ε decay of ^{215}Ac.