^{212}Ac α decay 1968Va04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

Parent: ^{212}Ac: E=0; $T_{1/2}$=0.93 s *5*; Q(α)=7519 *50*; %α decay≈97.0

^{212}Ac-%α decay: I(α)≈97%. Deduced from estimated β^-strength function which gives I($\varepsilon+\beta^+$)≈3 (1973Ta30).

^{208}Fr Levels

E(level)
0?

α radiations

Eα	E(level)	Iα[‡]	HF[†]	Comments
7379 *8*	0?	100	≈2.1	Eα: authors′ value has been increased by 2 keV to allow for a change In the ^{215}Po α decay calibration energy from 7384.1 to 7386.1 (1991Ry01).

[†] $r_0(^{208}Fr)$=1.490 *25*.

[‡] For absolute intensity per 100 decays, multiply by ≈0.97.