^{239}Cf α decay 1981Mu12

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 122, 205 (2014)	1-Feb-2014

Parent: ^{239}Cf: E=0; $T_{1/2}$=39 s *+37−12*; Q(α)=7810 *SY*; %α decay≤100.0
^{239}Cf-ΔQ(α)=56 syst (2012Wa38).
No substantial change since last evaluations by E. Browne (2003Br12) and M. Schmorak (1993Sc22).

^{235}Cm Levels

E(level)	Comments
(0)	Alpha decay from ^{239}Cf to the gs of ^{235}Cm was not observed.
50 *SY*	E(level): from Q(α)=7810 syst (2012Wa38) and Eα=7630.

α radiations

Eα	E(level)	Comments
7630 *25*	50	HF: HF=1.24 for %α=100 and r_0=1.51.