

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 122, 293 (2014)	30-Jun-2013

$Q(\beta^-) = -5310$ SY; $S(n) = 7103$ SY; $S(p) = 3260$ SY; $Q(\alpha) = 7810$ SY [2012Wa38](#)
 $\Delta Q(\beta^-) = 364$ syst, $\Delta S(n) = 364$ syst, $\Delta S(p) = 330$ syst, $\Delta Q(\alpha) = 56$ syst ([2012Wa38](#)).
 Assignment: daughter of ^{243}Fm ([1981Mu12,2013Fr02](#)).

 ^{239}Cf LevelsCross Reference (XREF) Flags

A ^{243}Fm α decay

E(level)	$T_{1/2}$	XREF	Comments
(0)	39 s +37-12	A	$\% \epsilon = ?$; $\% \alpha = ?$ $T_{1/2}$: from 1981Mu12 . Calculated values of $T_{1/2}(\epsilon) \approx 100$ s (1973Ta30); ≈ 5.6 s (1997Mo25). From α syst, $\% \alpha > 50$. Calculated $T_{1/2}(\text{SF}) = 5.7 \times 10^3$ y (1994EfZW). J^π : expected low-lying configurations are $5/2[633]$ and $3/2[631]$.