^{44}V $\varepsilon\alpha$ decay (111 ms)　　1971Ce02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jun Chen	NDS 140, 1 (2017)	30-Sep-2015

Parent: ^{44}V: E=0; $T_{1/2}$=111 ms 7; Q($\varepsilon\alpha$)=8.30×10^3 18; %$\varepsilon\alpha$ decay=?
^{44}V-$T_{1/2}$: From Adopted Levels of ^{44}V. 90 ms 25 from 1971Ce02.
^{44}V-Q($\varepsilon\alpha$): From 2012Wa38.
1971Ce02: measured $T_{1/2}$, β-delayed α-spectra.

^{40}Ca Levels

E(level)	J$^\pi$
0	0$^+$

Delayed Alphas (^{40}Ca)

E(α)	E(^{40}Ca)	E(^{44}Ti)	Comments
2.77×10^3 20	0	8.18×10^3	E(α): from measured c.m energy=3050 200 (1971Ce02).

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Decay Scheme

E(α)	I(α)	E($^{44}_{22}$Ti)	E($^{40}_{20}$Ca)
2770		8.18×10^3	0