

^{254}Cf SF decay 1981SeZW

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, G. Mukherjee, A. A. Sonzogni		NDS 111, 2555 (2010)	30-Jun-2009

Parent: ^{254}Cf : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=60.5$ d 2; %SF decay=?

Measured fragment-fragment- $\gamma(t)$; Ge detectors;

See ^{252}Cf SF decay dataset for a far more comprehensive high-spin data.

 ^{95}Sr Levels

E(level)	J^π [†]	$T_{1/2}$	Comments
0.0	$1/2^+$	23.90^{\dagger} s 14	
352	$(3/2^+)$		
556	$(7/2^+)$	26 ns 2	$T_{1/2}$: from fragment-204 $\gamma(t)$.

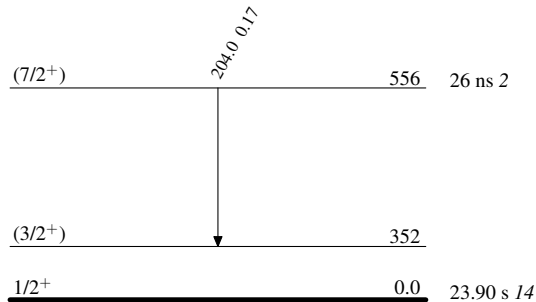
[†] From the Adopted Levels.

 $\gamma(^{95}\text{Sr})$

E_γ	I_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
204.0	0.0017	556	$(7/2^+)$	352	$(3/2^+)$

 ^{254}Cf SF decay 1981SeZWLevel Scheme

Intensities: $I_{(\gamma+ce)}$ per 100 parent decays



$^{95}_{38}\text{Sr}_{57}$