

^{248}Cm SF decay 2000Rz02

Type	History	Citation	Literature Cutoff Date
Full Evaluation	Author D. Abriola, A. A. Sonzogni	ENSDF	31-Mar-2011

Parent: ^{248}Cm : $E=0.0$; $J^\pi=0^+$; $T_{1/2}=3.48\times 10^5$ y 6; %SF decay=?

No changes were made since the 2006 NDS.

Data taken with EUROAM2 array of Compton-suppressed Ge detectors.

 ^{94}Kr Levels

E(level)	J^π
0.0	0^+
665.5	2^+
1518.7	$(4)^+$
2520.0	

 $\gamma(^{94}\text{Kr})$

E_γ	$E_i(\text{level})$	J^π_i	E_f	J^π_f	Mult.
665.5	665.5	2^+	0.0	0^+	$E2^\dagger$
853.2	1518.7	$(4)^+$	665.5	2^+	$E2^\dagger$
1001.3	2520.0		1518.7	$(4)^+$	

† A quadrupole character is obtained from gamma angular correlations, E2 assignments are made from systematics of low-lying levels in nearby even-even nuclei.

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