

^{131}Cs ε decay

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, I. Mitropolsky, A. Rodionov		NDS 107, 2715 (2006)	17-Jul-2006

Parent: ^{131}Cs : E=0.0; $J^\pi=5/2^+$; $T_{1/2}=9.689$ d 16; $Q(\varepsilon)=355$ 5; % ε decay=100.0

 ^{131}Xe Levels

E(level)	J^π	$T_{1/2}$
0.0	$3/2^+$	stable

 ε radiations

E(decay)	E(level)	I_ε^\dagger	Log ft	Comments
(355 5)	0.0	100	5.548 14	$\varepsilon\text{K}=0.8339$ 4; $\varepsilon\text{L}=0.1300$ 3; $\varepsilon\text{M}+=0.03609$ 10 $\varepsilon\text{L}/\varepsilon\text{K}=0.155$ 2 (1967Sc15); $\varepsilon\text{L}/\varepsilon\text{K}=0.153$ 8 (1960Jo09).

† Absolute intensity per 100 decays.