

^{139}Dy ε decay (0.6 s) [1999Xu05](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	P. K. Joshi, B. Singh, S. Singh, A. K. Jain		NDS 138, 1 (2016)	15-Oct-2016

Parent: ^{139}Dy : $E=0.0$; $J^\pi=(7/2^+)$; $T_{1/2}=0.6$ s 2; $Q(\varepsilon)=10490$ SY; $\% \varepsilon + \% \beta^+$ decay=100.0

^{139}Dy - $J^\pi, T_{1/2}$: From Adopted Levels of ^{139}Dy .

^{139}Dy - $Q(\varepsilon)$: 10490 590 (syst,[2012Wa38](#)).

^{139}Dy - $\% \varepsilon + \% \beta^+$ decay: $\% \varepsilon + \% \beta^+ = 100$, $\% \varepsilon p \approx 11$ ([2005Xu04](#)).

[1999Xu05](#): measured p- γ_1 (x ray)- γ_2 (x ray)-t; He-jet; totally depleted silicon surface barrier detectors, HPGe detectors.

^{139}Tb Levels

E(level)

0