
Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113,2391 (2012)	1-Sep-2012

$Q(\beta^-) = -1.07 \times 10^4$ syst; $S(n) = 1.31 \times 10^4$ syst; $S(p) = -1. \times 10^2$ syst; $Q(\alpha) = 2.8 \times 10^3$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record $-1.07\text{E}+4$ SY $1.31\text{E}+4$ syst -100 syst 2800 syst [2011AuZZ](#).

$\Delta Q(\beta^-) = 700$, $\Delta S(n) = 300$, $\Delta S(p) = 30$, $\Delta Q(\alpha) = 300$ [2011AuZZ](#).

Source: $^{139}\text{La}(p, \text{spallation})$ $E = 600$ MeV, on-line ms ([1978Da07](#)).

β -delayed p branching $\approx 0.07\%$ ([1978Da07](#)).

Theory: [1985Ar18](#), [1984Al19](#).

 ^{115}Cs Levels

E(level)	$T_{1/2}$	Comments
0.0	1.4 s 8	$\% \varepsilon + \% \beta^+ = 100$; $\% \beta^+ p \approx 0.07$ (1978Da07) $T_{1/2}$: 1.4 s 8 (β^+ count), ≈ 1 s (p count) (1978Da07).