

Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 187,1 (2023)	12-Oct-2022

$Q(\beta^-)=9260$  *syst*;  $S(n)=2370$  *syst*;  $S(p)=13570$  *syst*;  $Q(\alpha)=-2950$  *syst*    [2021Wa16](#)

$\Delta Q(\beta^-)=400$ ,  $\Delta S(n)=400$ ,  $\Delta S(p)=720$ ,  $\Delta Q(\alpha)=500$  (*syst*,[2021Wa16](#)).

$S(2n)=6610$  *400*,  $S(2p)=25940$  *570*,  $Q(\beta^-n)=4870$  *400* (*syst*,[2021Wa16](#)).

[1994Be24](#),[1998Do08](#):  $\text{Pb}(^{238}\text{U},\text{F})$ ,  $E=750$  MeV/A. Identification by energy loss and time-of-flight. Measured production cross-section.

[2017Wi09](#):  $^{238}\text{U}(n,\text{F})$ ,  $E=\text{fast}$ . Measured fission products and deduced fission yields.

[2019Pe09](#):  $^{208}\text{Pb}(^{238}\text{U},\text{F})$ ,  $^9\text{Be}(^{238}\text{U},\text{F})$ ,  $E=950$  MeV/A. Measured production cross-section, A/Q plot.

[2019Ph02](#):  $^9\text{Be}(^{238}\text{U},\text{F})$ ,  $E=345$  MeV/A. Measured fission products and deduced fission yields.

[2020Wu04](#): see description at  $^{141}\text{Sb}$  Adopted Levels dataset.

Theory: [2007Ji14](#), [2018Ar04](#), [2019En02](#).

 $^{141}\text{Te}$  Levels

E(level)	$T_{1/2}$	Comments
0.0	193 ms <i>16</i>	$\% \beta^- = 100$ ; $\% \beta^- n = ?$ $T_{1/2}$ : From <a href="#">2020Wu04</a> fit to the implanted ion- $\beta^-$ -t spectrum using the least-squares and maximum-likelihood methods and confirmed by the method of gating the $\beta$ -delayed $\gamma$ rays. Data analysis included contributions from the parent, daughter and grand-daughter decays, as well as a constant background.