

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 110,507 (2009)	1-Oct-2008

$Q(\beta^-)=8562$  16;  $S(n)=2692$  13;  $S(p)=1.35\times 10^4$  *syst*;  $Q(\alpha)=-3.4\times 10^3$  *syst* [2012Wa38](#)

Note: Current evaluation has used the following Q record 7960 SY2890 SY12800 *syst*-2970 *syst* [2003Au03](#).

Activity produced by 1-1.4 GeV protons on an uranium target. Mass separated using the ISOLDE on-line mass separator. Measured  $\beta^-$  particles. Detector: plastic scintillator. Measured delayed neutrons after being thermalized. Detector:  $^3\text{He}$  proportional counter embedded in paraffin moderator ([2003Be05](#)).

 $^{145}\text{Xe}$  Levels

E(level)	$T_{1/2}$	Comments
0.0	188 ms 4	$\% \beta^- = 100$ ; $\% \beta^- n = 5.0$ 6 $T_{1/2}, \% \beta^-, \% \beta^- n$ : From <a href="#">2003Be05</a> . $T_{1/2}$ : Other value: 900 ms 300 ( <a href="#">1971Wo02</a> ).