

Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, A. A. Sonzogni		NDS 114, 435 (2013)	1-Apr-2013

$Q(\beta^-)=8.7\times 10^3$  4;  $S(n)=4.0\times 10^3$  5;  $S(p)=1.03\times 10^4$  6;  $Q(\alpha)=-3.2\times 10^3$  4    [2017Wa10](#)  
 $S(2n)=9.6\times 10^3$  5;  $S(2p)=2.38\times 10^4$  6;  $Q(\beta^-n)=2.5\times 10^3$  4    [2017Wa10](#)

[Additional information 1.](#)

 $^{150}\text{La}$  Levels

E(level)	$J^\pi$	$T_{1/2}$	Comments
0.0	(3 <sup>+</sup> )	0.59 s <i>ll</i>	$\% \beta^- = 100$ ; $\% \beta^-n = 2.7$ 3 ( <a href="#">1993Ru01</a> ) $J^\pi$ : From logft values of 5.3 to 2 <sup>+</sup> and 5.7 to 4 <sup>+</sup> ; however, due to the incomplete nature of the decay scheme, these values are tentative. $T_{1/2}$ : weighted average of 0.51 s 3 ( <a href="#">1995Ok02</a> ), 0.86 s 5 ( <a href="#">1993Ru01</a> ), 0.4 s <i>l</i> ( <a href="#">1991AyZY</a> ). Other: 0.7 s ( <a href="#">1987MaZY</a> ). $T_{1/2}$ from $\gamma(t)$ and x-rays(t) ( <a href="#">1995Ok02</a> ), from n counting ( <a href="#">1993Ru01</a> ), from x-rays(t) ( <a href="#">1991AyZY</a> ).