
Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, E. A. Mccutchan		NDS 165, 1 (2020)	1-Mar-2020

$Q(\beta^-)=10959$ 4; $S(n)=3797$ 5; $S(p)=12297$ 5; $Q(\alpha)=-7463$ 5 [2017Wa10](#)
 $S(2n)=9427$ 5; $S(2p)=27860$ syst 200; $Q(\beta^-n)=4464$ 4 ([2017Wa10](#)).

 ^{90}Br Levels

E(level)	$T_{1/2}$	Comments
0	1.91 s 1	$\% \beta^- = 100$; $\% \beta^- n = 25.3$ 15 $T_{1/2}$: weighted average of 1.910 s 10 (1993Ru01), 1.93 s 3 (1987PfZX), 1.92 s 6 (1984Ew01), 1.92 s 2 (1980Al15), and 1.80 s 15 (1975As04). Others: 2.09 s 23 (2012Qu01 from maximum-likelihood fit), 1.85 s 18 (2012Qu01 from least-squares fit), 1.96 s 5 (1976Ru01), 1.71 s 14 (1975Kr17), 1.3 s 2 (1972Sc48) and 1.4 s 8 (1971Ch38). $\% \beta^- n$: weighted average of 29.0% 21 (1993Ru01), 24.3% 30 (1987PfZX), 24.8% 15 (1984Ew01), 24.6% 17 (1980Al15), 22.6% 31 (1975As04). Others: 18.9% 39 (1978Kr15), 20% 5 (1974Kr21) and 30% 7 (1972Sc48).