

$^{211}\text{Bi}$   $\beta^-$  decay

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. K. Tuli, P. Blokhin, J. Kaur, J. Y. Lee and N. Sharma		NDS 114, 661 (2013)	28-Feb-2013

Parent:  $^{211}\text{Bi}$ :  $E=0.0$ ;  $J^\pi=9/2^-$ ;  $T_{1/2}=2.14$  min 2;  $Q(\beta^-)=574.5$ ;  $\% \beta^-$  decay=0.276 4

$^{211}\text{Bi}$ - $\% \beta^-$  decay: 0.00276 4. Weighted average of: 0.00274 4 (1967Da10), 0.00274 10 (1965Nu03), 0.0029 1 (1962Gi04). Measured  $I\alpha(^{211}\text{Po})/(I\alpha(^{211}\text{Po})+I\alpha(^{211}\text{Bi}))$ .

 $^{211}\text{Po}$  Levels

E(level)	$J^\pi$ †
0.0	9/2 <sup>+</sup>

† From Adopted Levels.

 $\beta^-$  radiations

E(decay)	E(level)	$I\beta^-$ †	Log ft	Comments
(574.5)	0.0	100	5.99 2	av $E\beta=172.9$ 18 E(decay): no $\beta^-$ observed.

† For absolute intensity per 100 decays, multiply by 0.00276 4.