

¹⁸F β⁺ decay

1987Aj02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Tilley, Weller, Cheves, Chasteler		NP A595, 1 (1995)	31-Oct-1994

Parent: ¹⁸F: E=0; J^π=1⁺; T_{1/2}=109.77 min 5; Q(β⁺)=1655.50 63; %β⁺ decay=100.0
[Additional information 1.](#)

¹⁸O Levels

E(level)	J ^π	T _{1/2}	Comments
0	0 ⁺	stable	T=1

ε,β⁺ radiations

E(decay)	E(level)	Iβ ⁺ [†]	Iε [†]	Log ft	I(ε+β ⁺) [†]	Comments
(1655.5 6)	0	96.73 4	3.27 4	3.5700 19	100	av Eβ=249.8 3; εK=0.03090 11; εL=0.001840 7

[†] Absolute intensity per 100 decays.