^{118}Te ε decay

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	K. Kitao	NDS 75,99 (1995)	1-Feb-1993

Parent: ^{118}Te: E=0.0; $J^{\pi}=0^+$; $T_{1/2}$=6.00 d *2*; Q(ε)=278 *16*; %ε decay=100.0
Assignment: parent of 3.6-min ^{118}Sb.
1948Li02, 1960So02, 1961Fi05, 1968Ra14: no γ reported.

^{118}Sb Levels

E(level)	J^{π}
0.0	1^+

ε radiations

E(decay)	E(level)	Iε[†]	Log *ft*	Comments
(278 *16*)	0.0	100	5.0	εK= 0.8408 *17*; εL= 0.1259 *13*; εM+= 0.0334 *4* Iε: other possible transition is that to 31.2 level (J=2), but that is Iε<0.005 for log $f^{1u}t$>8.5.

[†] Absolute intensity per 100 decays.