^{36}Cl ε decay (3.01×10^5 y)

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh	NDS 113, 1 (2012)	31-Dec-2011

Parent: ^{36}Cl: E=0; $J^\pi=2^+$; $T_{1/2}=3.01\times10^5$ y *2*; Q(ε)=1142.14 *19*; %ε+%$β^+$ decay=1.9 *1*
^{36}Cl-Q(ε): From 2011AuZZ. Other: 1142.22 *19* (2003Au03).

^{36}S Levels

E(level)	J^π
0	0^+

ε,$β^+$ radiations

E(decay)	E(level)	Iβ$^+$ †	Iε†	Log *ft*	I(ε+β$^+$)†	Comments
(1142.14 *19*)	0	0.014 *1*	1.89 *10*	13.58 *3*	1.9 *1*	av Eβ= 50.24 *10*; εK= 0.8975 *4*; εL= 0.08472 *4*; εM+= 0.010354 *5*

† Absolute intensity per 100 decays.