^{22}Si ε decay 1996Bl11

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 127, 69(2015)	1-Apr-2015

Parent: ^{22}Si: E=0.0; $J^\pi=0^+$; $T_{1/2}$=29 ms *2*; Q(ε)=15137 *SY*; %ε+%β^+ decay=100.0
Produced by ^{58}Ni(^{36}Ar,x) E(^{36}Ar)=95 MeV/A. Measured half-life, β^+-delayed proton emission.

^{22}Al Levels

E(level)†	J^π†
0.0	$(4)^+$
1850	1^+
2210	1^+

† From Adopted Levels.

ε,β^+ radiations

E(decay)	E(level)	Iβ^+ †	Log *ft*	I($\varepsilon+\beta^+$)†	Comments
(12927 *SY*)	2210	≥6	<4.8	≥6	av Eβ=5152.19
(13287 *SY*)	1850	≥22	<4.3	≥22	av Eβ=5331.21

† Absolute intensity per 100 decays.