^{66}As ε decay 1988Bu12,1978Al23

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 111, 1093 (2010)	3-Mar-2009

Parent: ^{66}As: E=0.0; $J^{\pi}=0^+$; $T_{1/2}$=95.77 ms *23*; Q(ε)=1.01×10^4 *7*; %ε+%β^+ decay=100.0

Additional information 1.

2005Ha15, 2005Ha27, 2005Ha65, 2002Ha27, 2002To19: Analyzed super-allowed ε decay.

1988Bu12: ^{66}As produced from ^{58}Ni(^{10}B,2n) at E(^{10}B)=29.5 MeV and 30.5 MeV; measured $T_{1/2}$.

1978Al23: ^{66}As from ^{58}Ni(^{10}B,2n), E(^{10}B)+=30 MeV; plastic scintillator β^+ detectors; measured $T_{1/2}$.

1976JaZP: ^{66}As from ^{40}Ca(^{32}S,npα) and ^{50}Cr(^{19}F,3n); plastic scintillator β^+ detectors; measured $T_{1/2}$.

^{66}Ge Levels

E(level)	J^{π}	$T_{1/2}$
0.0	0^+	2.26 h *5*

ε,β^+ radiations

E(decay)	E(level)
(1.01×10^4 *7*)	0.0