^{70}Kr ε decay

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	G. Gürdal, E. A. Mccutchan	NDS 136, 1 (2016)	1-Jul-2016

Parent: ^{70}Kr: E=0.0; $J^\pi=0^+$; $T_{1/2}$=40 ms *6*; Q(ε)=1.048×10^4 *SY*; %ε+%β^+ decay=100.0

^{70}Kr-ΔQ= 200 syst (2012Wa38).

No γ's or protons have been observed in the decay of ^{70}Kr (2000Oi02). An upper limit of <1.3% for the β-delayed proton branching ratio was estimated in 2000Oi02.

^{70}Br Levels

E(level)	J^π
0.0	0^+

ε,β^+ radiations

E(decay)	E(level)	Iβ^+ †	Iε†	Log *ft*	I($\varepsilon+\beta^+$)†	Comments
(10480 *SY*)	0.0	≤99.8	≤0.155	≥3.3	≤100	av Eβ=4501.67; εK=0.001361; εL=0.0001553; εM+=3.106×10^{-5}

† Absolute intensity per 100 decays.