^{70}Br ε decay (79.1 ms)

History

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

Parent: ^{70}Br: E=0.0; $J^{\pi}=0^{+}$; $T_{1/2}$=79.1 ms *8*; Q(ε)=10504 *15*; %ε+%β^{+} decay=100.0

Please see the theory papers 2002To19, 2002Ha27 for G-T transition calculations.

The decay of ^{70}Br into levels in ^{70}Se has not been studied. Although a large g.s to g.s superallowed decay is expected, 2002Ha27 calculates that 325 1^{+} states should be fed with a total of 1.6% the β-decay strength.

^{70}Se Levels

E(level)	J^{π}	Comments
0.0	0^{+}	E(level): g.s to g.s superallowed branch expected to be ≈99% (2002Ha27).