^{244}Es $\varepsilon+\beta^+$ decay

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja	NDS 146,387 (2017)	31-Aug-2017

Parent: ^{244}Es: E=0.0; $T_{1/2}$=37 s *4*; Q(ε)=4550 *syst*; %ε+%β^+ decay=96 *3*

^{244}Es-Q(ε): From 2017Wa10 with ΔQ(ε)=180 from systematics.

^{244}Es-%ε+%β^+ decay: From 1973Es02.

The decay scheme has not been studied. Only the delayed-fission activities following ^{244}Es electron-capture decay were observed by 2002Sh02 and 1980Ga07. The fission activities were assigned to the fission isomer in ^{244}Cf. In earlier work by 1973Es02, the electron capture branching for ^{244}Es was determined. The $T_{1/2}$ electron capture delayed fission= 3×10^5 s *1* was calculated by 2015Gh03.