^{29}Ne β^-2n decay   2006Tr02

| | History | | |
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 112, 1875 (2011)	30-Nov-2010

Parent: ^{29}Ne: E=0; J$^\pi$=(3/2$^+$); T$_{1/2}$=14.8 ms 3; Q(β^-2n)=15.4×10^3 3; %β^-2n decay=4 1

^{29}Ne-%β^-2n decay: %β^-2n=4 1 (2006Tr02).

^{29}Ne was produced from fragmentation of a ^{48}Ca beam on a Be target, E=140 MeV/u; Fragments were separated by the A1900 fragment separator and identified by energy loss in ΔE-E detector and time of flight; Detector: double sided Si microstrip detector (DSSD), an array of 12 HPGe detectors, β^- counting system; Measured Eγ, Eβ, Iγ, Iβ, $\beta^-\gamma\gamma$ coin.

^{27}Na Levels

E(level)	J$^\pi$	Comments
0	5/2$^+$	J$^\pi$: From Adopted Levels.
63		

γ(^{27}Na)

E$_\gamma$	E$_i$(level)	E$_f$	J$^\pi_f$
63	63	0	5/2$^+$

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Decay Scheme