^{102}Rb β^- decay   **1995Lh03**

		History	
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

Parent: ^{102}Rb: E=0.0; $T_{1/2}$=37 ms *3*; Q(β^-)=15100 *SY*; %β^- decay=100.0

Source: from mass separated fragments of fission of uranium carbide with 1 GeV p. Measured: Eγ, $\beta\gamma$(t), $T_{1/2}$. Deduced: ^{102}Sr levels.

^{102}Sr Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	0^+		
126.0 *2*	(2^+)	3.0 ns *12*	$T_{1/2}$: by $\beta\gamma$(t) and centroid-shift method.
			J^π: from energy systematics of first 2^+ state in other even-strontium isotopes.

$\gamma(^{102}$Sr$)$

E_γ	E_i(level)	J^π_i	E_f	J^π_f
126.0 *2*	126.0	(2^+)	0.0	0^+

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Decay Scheme