



1 Decay Scheme

Rb-87 decays 100% by beta minus emission directly to the ground state of Sr-87.

Le rubidium 87 se désintègre à 100 % par émission bêta moins vers le niveau fondamental du strontium 87.

2 Nuclear Data

$$\begin{aligned}
T_{1/2}({}^{87}\text{Rb}) &: 49,650 \quad (40) \quad 10^9 \text{ a} \\
Q^-({}^{87}\text{Rb}) &: 282,275 \quad (6) \quad \text{keV}
\end{aligned}$$

2.1 β^- Transitions

	Energy (keV)	Probability (%)	Nature	lg <i>ft</i>
$\beta_{0,0}^-$	282,275 (6)	100	3rd Forbidden non-unique	17,1

3 Electron Emissions

	Energy (keV)	Electrons (per 100 disint.)
$\beta_{0,0}^-$	max: 282,275 (6) avg: 56,4715 (10)	} 100

4 Main Production Modes

Naturally occurring

5 References

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