



1 Decay Scheme

${}^6\text{He}$ disintegrates by beta minus emission to the ground state of ${}^6\text{Li}$.

Le ${}^6\text{He}$ se désintègre par émission bêta moins vers l'état fondamental du ${}^6\text{Li}$.

2 Nuclear Data

$$\begin{aligned} T_{1/2}({}^6\text{He}) &: 807,11 \quad (15) \quad \text{ms} \\ Q^-({}^6\text{He}) &: 3505,21 \quad (5) \quad \text{keV} \end{aligned}$$

2.1 β^- Transitions

	Energy (keV)	Probability (%)	Nature	$\log ft$
$\beta^-_{0,0}$	3505,21 (5)	100	Allowed	2,909

3 Electron Emissions

	Energy (keV)	Electrons (per 100 disint.)
$\beta^-_{0,0}$	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> max: 3505,21 (5) avg: 1584,021 (24) </div> <div style="font-size: 2em; margin-right: 10px;">}</div> 100 </div>	

4 Main Production Modes

Radioactive ion beam

5 References

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