



## 1 Decay Scheme

S-35 disintegrates by 100 % beta-minus decay to the ground state of the stable nuclide Cl-35.  
*Le S-35 se désintègre à 100 % par émission bêta moins vers le niveau fondamental de Cl-35.*

## 2 Nuclear Data

$$T_{1/2}({}^{35}\text{S}) : 87,32 \quad (16) \quad \text{d}$$

$$Q^{-}({}^{35}\text{S}) : 167,14 \quad (8) \quad \text{keV}$$

### 2.1 $\beta^{-}$ Transitions

	Energy keV	Probability × 100	Nature	lg <i>ft</i>
$\beta_{0,0}^{-}$	167,14 (8)	100	Allowed	5,01

## 3 Electron Emissions

	Energy keV	Electrons per 100 disint.
$\beta_{0,0}^{-}$	max: 167,14 (8)	100
$\beta_{0,0}^{-}$	avg: 48,63 (7)	

## 4 Main Production Modes

$$\left\{ \begin{array}{l} \text{S} - 34(n,\gamma)\text{S} - 35 \\ \text{Possible impurities : none} \end{array} \right.$$

## 5 References

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