



## 1 Decay Scheme

Ru-106 desintegrates by beta minus emission to the ground state of Rh-106.

*Le ruthénium 106 se désintègre 100% par émission bêta vers le niveau fondamental du rhodium 106.*

## 2 Nuclear Data

$T_{1/2}(^{106}\text{Ru})$	:	371,5	(21)	d
$T_{1/2}(^{106}\text{Rh})$	:	30,1	(3)	s
$Q^-(^{106}\text{Ru})$	:	39,40	(21)	keV

### 2.1 $\beta^-$ Transitions

	Energy (keV)	Probability (%)	Nature	lg $ft$
$\beta_{0,0}^-$	39,40 (21)	100	Allowed	4,31

## 3 Atomic Data

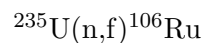
### 3.1 Rh

$\omega_K$	:	0,809	(4)
$\bar{\omega}_L$	:	0,0494	(12)
$n_{KL}$	:	0,987	(4)

## 4 Electron Emissions

	Energy (keV)	Electrons (per 100 disint.)
$\beta_{0,0}^-$	max: 39,40 (21) avg: 10,03 (6)	100

## 5 Main Production Modes



## 6 References

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(Q value)

