

$^{102}\text{Rh}$   $\beta^-$  decay (207.3 d) [1969Ge02](#)

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

Parent:  $^{102}\text{Rh}$ :  $E=0.0$ ;  $J^\pi=(1^-,2^-)$ ;  $T_{1/2}=207.3$  d 3;  $Q(\beta^-)=1150$  5;  $\% \beta^-$  decay=22 5

Measured:  $E_\gamma$ ,  $I_\gamma$ ,  $\gamma\gamma$ -coin,  $\gamma\gamma(\theta)$ .

All data are from [1969Ge02](#).

Other: [1969Ko24](#).

 $^{102}\text{Pd}$  Levels

E(level)	$J^\pi$ <sup>†</sup>
0	$0^+$
556.60 4	$2^+$

<sup>†</sup> From Adopted Levels.

 $\beta^-$  radiations

E(decay)	E(level)	$I\beta^-$ <sup>†</sup>	Log $ft$	Comments
(593 5)	556.60	2.0 2	9.52 5	av $E\beta=189.6$ 23
1150 6	0	20 2	9.56 5	av $E\beta=413$ 3

E(decay): From [1961Hi06](#). Allowed shape. Other: [1954Ma64](#).

<sup>†</sup> Absolute intensity per 100 decays.

 $\gamma(^{102}\text{Pd})$ 

$E_\gamma$	$I_\gamma$ <sup>†</sup>	$E_i$ (level)	$J_i^\pi$	$E_f$	$J_f^\pi$
556.60 4	2.0 2	556.60	$2^+$	0	$0^+$

<sup>†</sup> Absolute intensity per 100 decays.

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## Decay Scheme

Intensities: Relative  $I_\gamma$ 