

$^{115}\text{Pd } \beta^- \text{ decay (50 s) } \text{1990Fo07}$

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jean Blachot	NDS 113, 2391 (2012)	1-Sep-2012

Parent: ^{115}Pd : $E=89.3$; $J^\pi=(7/2^-)$; $T_{1/2}=50 \text{ s } 3$; $Q(\beta^-)=4557 \text{ 22}$; $\% \beta^- \text{ decay}=92.0$

$^{235}\text{U}(\text{n},\text{F})$ OSIRIS on-line mass separator ([1990Fo07](#)). Preliminary in [1987FoZY](#).

Measured: γ , $\beta\gamma(\text{t})$, ce.

Fragmentary decay scheme. [1990Fo07](#) report $I_\gamma(749)=10.0 \text{ 10}$.

 $^{115}\text{Ag Levels}$

<u>E(level)</u>	<u>J^π[†]</u>	<u>$T_{1/2}$[†]</u>
0.0	$1/2^-$	20.0 min 5
41.1	$7/2^+$	18.0 s 7
790		

[†] From Adopted Levels.

 $\gamma(^{115}\text{Ag})$

<u>E_γ[†]</u>	<u>I_γ[‡]</u>	<u>$E_i(\text{level})$</u>	<u>E_f</u>	<u>J^π_f</u>
749	10.0 10	790	41.1	$7/2^+$
787		790	0.0	$1/2^-$

[†] From [1990Fo07](#); uncertainty unstated by authors.

[‡] For absolute intensity per 100 decays, multiply by 0.92.

 $^{115}\text{Pd} \beta^{-} \text{ decay (50 s)} \quad 1990\text{Fo07}$

Decay SchemeIntensities: Relative I_{γ} 