

$^{115}\text{I} \beta^+$ decay (1.3 min) 1969Ha03,1973LiZB

<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}I : $E=0.0$; $J^\pi=(5/2^+)$; $T_{1/2}=1.3 \text{ min } 2$; $Q(\beta^+)=5720 \text{ keV}$; $\% \beta^+ \text{ decay}=100.0$

Sources: on-line ms ^{115}Xe produced by $^{104}\text{Pd}(^{16}\text{O},5n)$ 1973LiZB, and cerium(600-MeV p,spall) 1969Ha03; genetics to ^{115}I .
 $Q(\varepsilon)=5.5 \text{ MeV } 2$ (1974SpZX), 5720 MeV (2003Au03) syst.

 ^{115}Te Levels

Observed activity with $T_{1/2}=28 \text{ s } 3$ was assigned tentatively as ^{115}Te isomer (1973LiZB,1974SpZX).

<u>E(level)</u>	<u>J^π</u>	<u>$T_{1/2}$</u>
0.0	$7/2^+$	5.8 min 2

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

<u>E_γ^\dagger</u>	<u>$E_i(\text{level})$</u>
x275	
x284	
x460	
x709	

† Tellurium x-rays observed in γ -spectrum (1973LiZB).

x γ ray not placed in level scheme.