

^{113}I ε decay **1980GoZX**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 1471 (2010)	1-May-2009

Parent: ^{113}I : $E \geq 0.0$; $T_{1/2} = 6.6$ s 2; $Q(\varepsilon) = 7230$ 30; $\% \varepsilon + \% \beta^+$ decay = 100.0

Measured E_γ , I_γ , $\gamma(t)$, K X-ray(t), $\gamma\gamma$ coin, $\beta\gamma$ coin, (K x-ray) γ coin with semi. The results are only preliminary, **1980GoZX**.

Other: **1977Ki11**.

 $\gamma(^{113}\text{Te})$

E_γ^\dagger	I_γ	Comments
^x 55.0 2	32 2	E_γ : coin with 352 γ , 567 γ , 802 γ .
^x 160.0 2	14 2	E_γ : coin with 463 γ .
^x 216.5 2	7 2	E_γ : coin with tellurium X-ray and 352 γ .
^x 320.4 2	33 2	
^x 351.5 2	43 2	E_γ : coin with tellurium X-ray and 216 γ .
^x 406.1 2	8 2	
^x 462.5 2	100	E_γ : coin with tellurium X-ray.
^x 523.0 5	7.0 10	E_γ : coin with tellurium X-ray.
^x 567.4 2	36 3	E_γ : coin with tellurium X-ray.
^x 608.6 5	6.2 10	
^x 622.4 2	74 3	
^x 628.0 2	13 2	
^x 651.9 5	3.4 10	
^x 690.2 5	8.0 10	
^x 696.2 5	3.1 10	
^x 774.0 5	8.0 10	
^x 798.2 2	12 2	
^x 802.1 5	8.0 20	
^x 896.0 5	9.7 10	
^x 929.1 3	8.0 10	
^x 1161.0 5	8.7 10	
^x 1422.4 3	11 2	

† Assigned to ^{113}Te from $T_{1/2}$.

^x γ ray not placed in level scheme.