^{113}Cd β^- decay (8.04×10^{15} y)   2007Be61

Parent: ^{113}Cd: E=0; J$^\pi$=1/2$^+$; T$_{1/2}$=8.04×10^{15} y 5; Q(β^-)=322 1; %β^- decay=100.0

^{113}Cd-T$_{1/2}$: from measurement by 2007Be61.

^{113}Cd measured in CdWO$_4$ crystal at Gran Sasso National Lab of INFN. Measured half-life of ^{113}Cd using the low-background CdWO$_4$ crystal scintillator of mass 434g.

1996Da11: measured scintillation crystals of CDW04.

1970Gr20: measured β^- activity of enriched and natural cadmium samples.

Others: 1962Wa15, 1969De25, 1994Al49.

^{113}In Levels

E(level)	J$^\pi$
0	9/2$^+$

β^- radiations

log ft deduced by the evaluator.

E(decay)	E(level)	I$\beta^{-\dagger}$	Log ft	Comments
(322.0 10)	0	100	23.127 14	av Eβ=92.62 98 E(decay): 1996Da11 give endpoint energy=337.4 keV with error of 0.3 (statistical) and 22 (syst).

† Absolute intensity per 100 decays.