^{79}Se β^- decay (3.26×10^5 y) 2001Ji04,1997Ji07,1949PaZZ

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 135, 193 (2016)	31-May-2016

Parent: ^{79}Se: E=0.0; $J^\pi=7/2^+$; $T_{1/2}=3.26\times10^5$ y *28*; Q(β^-)=150.6 *13*; %β^- decay=100.0
^{79}Se-J^π,$T_{1/2}$: From ^{79}Se Adopted Levels.

2001Ji04: Measured $T_{1/2}(^{79}Se)$ by projectile x-ray detection in accelerator mass spectrometry (AMS) technique.
1997Ji07 (also 1997Li44,1996Ji06,1995Yu08), 1949PaZZ: measured $T_{1/2}(^{79}Se)$.
$T_{1/2}(^{79}Se)=2.95\times10^5$ y *38* (2001Ji04). Others: 2.9×10^5 y *5* (revised by 2001Ji04 from 1.24×10^5 y *19* in 2000He19), 11×10^5 y *2* (1997Ji07,1996Ji06), 11.3×10^5 y *17* (1997Li44), 4.8×10^5 y *4* (1995Yu08),≤6.5×10^5 y (1993HeZW,1949PaZZ).

^{79}Br Levels

E(level)	J^π	Comments
0.0	$3/2^-$	J^π: from Adopted Levels.

β^- radiations

E(decay)	E(level)	Iβ^-[†]	Log *ft*	Comments
(150.6 *13*)	0.0	100	10.77^{1u} *4*	av Eβ=52.8 *5* E(decay): measured end-point energy=160 *5*.

[†] Absolute intensity per 100 decays.