^{130}Cs β^- decay (29.21 min) 1952Sm41,1981Ha09

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 93, 33 (2001)	11-May-2001

Parent: ^{130}Cs: E=0.0; $J^\pi=1^+$; $T_{1/2}$=29.21 min *4*; Q(β^-)=369 *11*; %β^- decay=1.6 *2*
^{130}Cs-$T_{1/2}$: $T_{1/2}$=29.21 min *4* (1981Ha09).
^{130}Cs-%β^- decay: %β^-=1.6 *2* (1952Sm41).
1952Sm41: measured β^+/β^- ratio, Eβ, $T_{1/2}$.
1981Ha09: measured $T_{1/2}$, K-capture/β^+ ratio.
$T_{1/2}$(^{130}Cs): 1981Ha09. Others: 1968Fe06, 1967Wa11, 1966Gf01, 1952Sm41, 1950Fi16, 1954Mi16.

^{130}Ba Levels

E(level)	J^π
0.0	0^+

β^- radiations

E(decay)	E(level)	Iβ^-[†]	Log *ft*	Comments
(369 *11*)	0.0	1.6 *2*	5.36 *6*	av Eβ=131.6 *14* Iβ^-: from 1952Sm41. E(decay): 442 (1952Sm41).

[†] Absolute intensity per 100 decays.