^{130}Ag β^- decay (50 ms):? 2000Ka48

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	ENSDF	31-May-2008

Parent: ^{130}Ag: E=0; $T_{1/2}$≈50 ms; Q(β^-)15380 *CA*; %β^- decay=?

^{130}Ag isotope tentatively identified (2000Ka48) in ^{238}U(p,F) E=1 GeV, followed by separation with a chemically selective LASER ion source. Measured γ rays. Also 2004KaZR thesis from the same group.

^{130}Cd Levels

E(level)	J^π	Comments
0	0^+	
957?	(2^+)	E(level): this level is not confirmed by 2007Ju05 in ^{130}Cd isomer study, thus its existence is suspect. It is not included in 'Adopted Levels, gammas' dataset.

$\gamma(^{130}Cd)$

E_γ	E_i(level)	J_i^π	E_f	J_f^π	Comments
957†	957?	(2^+)	0	0^+	E_γ: this γ ray has not been included in 'Adopted Levels, gammas' dataset.

† Placement of transition in the level scheme is uncertain.

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Decay Scheme