Adopted Levels

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni	NDS 103,1 (2004)	31-Jul-2004

Q(β^-)=1.48×10^4 *syst*; S(n)=2.3×10^3 *syst*; S(p)=1.50×10^4 *syst*; Q(α)=−8.2×10^3 *syst* 2012Wa38
Note: Current evaluation has used the following Q record 1.48E+4 SY22E+2 syst −83×10^2 syst 2003Au03.
ΔQ(β^-)=413, ΔS(n)=499, ΔS(p)=, ΔQ(α)=521 (2003Au03).
1996Ho16: ^{238}U(p,f) E=1 GeV, measured γ, $\gamma\gamma$, nγ, $\beta\gamma$; $T_{1/2}$ from γ(t).
2002Di12: ^{238}U(n,f) neutrons produced following reaction of 1.4 GeV protons on Ta target. Indium ions separated using laser ion source and mass spectrometer; $T_{1/2}$ obtained from neutron multiscaling following β-delayed neutron decay.

^{134}In Levels

E(level)	J^π	$T_{1/2}$	Comments
0	(4$^-$ to 7$^-$)	140 ms *4*	%β^-=100; %β^-n=65 (1996Ho16) J^π: from ^{134}In β^-n decay, which mostly populates the 7/2$^-$ ground state in ^{133}Sn; the parity assignment is based on the expected configuration: configuration=((π $g_{7/2}$)$^{-1}$+(ν $f_{7/2}$)). $T_{1/2}$: weighted average of 141 ms *5* (2002Di12) and 138 ms *8* (1996Ho16).