

^{135}Tb p decay (0.94 ms) [2004Wo07](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni	NDS 103, 1 (2004)	31-Jul-2022

Parent: ^{135}Tb : $E=0.0$; $J^\pi=(7/2^-)$; $T_{1/2}=0.94$ ms +33-22; $Q(p)=1188$ 7; %p decay=100.0

[2004Wo07](#): $^{92}\text{Mo}(^{50}\text{Cr},p6n)$, $E=310$ MeV, measured proton energy and $T_{1/2}$ following separation by FMA.

 ^{134}Gd Levels

E(level)	J^π	Comments
0.0	0^+	
$\approx 115?$	2^+	E(level): Two events at an energy of 115 keV lower than the main proton peak were observed, which may be interpreted as the decay to the first 2^+ .

Protons (^{134}Gd)

E(p)	E(^{134}Gd)	I(p)
$\approx 1009^\dagger$	$\approx 115?$	≈ 15
1179 7	0.0	100

† Placement of transition in the level scheme is uncertain.