
 ^{135}Gd ϵp decay (1.1 s) [1996Xu07](#)

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

Parent: ^{135}Gd : E=0.0; $T_{1/2}$ =1.1 s 2; Q(ϵp)=9840 SY; % ϵp decay $\approx$ 2.0

^{135}Gd -% ϵp decay: % $\epsilon p\approx$ 2% ([1996Xu07](#)).

[1996Xu07](#): $^{106}\text{Cd}(^{32}\text{S},3n)$, E=171 MeV, measured γ , x rays, delayed protons and (x ray)(proton) coincidences. He jet and Tape collection system. Also [2005Xu04](#).

 ^{134}Sm Levels

<u>E(level)[†]</u>	<u>J^{π}</u>	<u>T_{1/2}[†]</u>
0.0	0 ⁺	9.5 s 8
163.0 10	2 ⁺	

[†] From Adopted Levels.

 $\gamma(^{134}\text{Sm})$

<u>E_{γ}</u>	<u>E_i(level)</u>	<u>J^{π}_i</u>	<u>E_f</u>	<u>J^{π}_f</u>
163	163.0	2 ⁺	0.0	0 ⁺

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Decay Scheme

