

⁹⁷Cd εp decay [1997Sc30](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 109, 2501 (2008)	1-Apr-2008

Parent: ⁹⁷Cd: E=0.0; J^π=(9/2⁺); T_{1/2}=2.8 s 6; Q(εp)=8337 SY; %εp decay=?
Source produced in ⁶⁰Ni(⁴⁰Ca,3n), E=4.2 MeV/nucleon, measured Eγ, proton-gamma-coincidence.

⁹⁶Pd Levels

<u>E(level)</u>	<u>J^π[†]</u>
0.0	0 ⁺
1415.5	2 ⁺
2099.5	(4 ⁺)
2424.8	(6 ⁺)

[†] From Adopted Levels.

γ(⁹⁶Pd)

<u>E_γ</u>	<u>E_i(level)</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
325.3 [†]	2424.8	(6 ⁺)	2099.5	(4 ⁺)
684.0 [†]	2099.5	(4 ⁺)	1415.5	2 ⁺
1415.5	1415.5	2 ⁺	0.0	0 ⁺

[†] Observed in weak coincidence with protons.

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Decay Scheme

