

⁸⁶Rb ε decay (18.642 d) [1968AI02](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh		NDS 124, 1 (2015)	30-Nov-2014

Parent: ⁸⁶Rb: E=0; J^π=2⁻; T_{1/2}=18.642 d 18; Q(ε)=518.65 20; %ε decay=0.0052 5
⁸⁶Rb-Q(ε): From [2012Wa38](#).
⁸⁶Rb decays 99.9948% by β⁻ decay.
[1968AI02](#): ε decay of ⁸⁶Rb was observed by measuring the abundance of ⁸⁶Kr produced in a pile-irradiated rubidium salt.
[Additional information 1](#).

⁸⁶Kr Levels

<u>E(level)</u>	<u>J^π</u>
0	0 ⁺

ε radiations

<u>E(decay)</u>	<u>E(level)</u>	<u>Iε[†]</u>	<u>Log ft</u>	<u>Comments</u>
(518.65 20)	0	5.2×10 ⁻³ 5	9.78 ^{1u} 5	εK=0.8633; εL=0.11311 16; εM+=0.02362 4

[†] Absolute intensity per 100 decays.