

¹⁶⁷Ir p decay (35.2 ms) [1997Da07](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 109, 1103 (2008)	1-Mar-2008

Parent: ¹⁶⁷Ir: E=0.0; J^π=1/2⁺; T_{1/2}=35.2 ms 20; Q(p)=1071 5; %p decay=32 4

¹⁶⁷Ir-%p decay: From [1997Da07](#).

[1997Da07](#): source from 357-MeV ⁷⁸Kr bombardment of ⁹²Mo; fragment mass analyzer with position-sensitive parallel plate avalanche counter At focal plane, double-sided Si strip detector; measured E(p), Eα, P(t), α(t), recoil-p-α correlations.

Parent J^π and T_{1/2} are from [1997Da07](#). Q(g.s.) is from measured E(p)=1064 6 ([1997Da07](#)) for g.s. to g.s. transition.

¹⁶⁶Os Levels

<u>E(level)[†]</u>	<u>J^π</u>
0.0	0 ⁺

[†] From [1997Da07](#).

Protons (¹⁶⁶Os)

<u>E(p)</u>	<u>E(¹⁶⁶Os)</u>	<u>L</u>
1064 6	0.0	0