

^{167}Ir p decay (30.0 ms) 1997Da07

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

Parent: ^{167}Ir : $E=175.3$ 22; $J^\pi=11/2^-$; $T_{1/2}=30.0$ ms 6; $Q(p)=1071$ 5; %p decay=0.4 1

^{167}Ir -%p decay: From 1997Da07.

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

Parent J^π and $T_{1/2}$ are from 1997Da07. $Q(\text{g.s.})$ is from measured $E(p)=1064$ 6 (1997Da07) for g.s. to g.s. transition. the parent excitation is from measured proton energy difference (1997Da07).

 ^{166}Os Levels

E(level)	J^π	Comments
0.0	0^+	J^π : from Adopted Levels.

Protons (^{166}Os)

E(p)	E(^{166}Os)	L	Comments
1238 7	0.0	5	E(p),L: from 1997Da07.