

^{288}Fl α decay (0.64 s) 2004Og12,2011Ga19,2017Ka66

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 156, 148 (2019)	31-Jan-2019

Parent: ^{288}Fl : $E=0$; $J^\pi=0^+$; $T_{1/2}=0.64$ s +14-10; $Q(\alpha)=10072$ 13; % α decay=100.0

^{288}Fl - $T_{1/2}$: From ^{288}Fl Adopted Levels.

^{288}Fl - $Q(\alpha)$: From 2017Wa10.

See ^{288}Fl Adopted Levels for details of production of ^{288}Fl isotope.

 ^{284}Cn Levels

E(level)	J^π	$T_{1/2}$	Comments
0	0^+	108 ms +20-14	$T_{1/2}$: from Adopted Levels.

 α radiations

Assuming HF=1 for g.s. to g.s. α transition, deduced $r_0(^{284}\text{Cn})=1.476$ 10.

$E\alpha$	E(level)	Comments
9934 15	0	$E\alpha$: recommended in 2016Ho09 review. Others: 9.94 MeV 2 (2017Ka66), 9.93 MeV 3 (2015Og05,2017Og01,2011Ga19); 9.95 MeV 7 (2004Og12,2004Og07,2005Og03,2011Og07). Assumed as g.s. to g.s. α transition.