^{286}Fl α decay (166 ms) 2004Og12,2012Og06,2010El06

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 156, 70 (2019)	31-Jan-2019

Parent: ^{286}Fl: E=0; $J^{\pi}=0^{+}$; $T_{1/2}$=166 ms *+40−27*; Q(α)=10370 *30*; %α decay=60 *11*
^{286}Fl-$T_{1/2}$: From ^{286}Fl Adopted Levels.
^{286}Fl-Q(α): From 2017Wa10.
^{286}Fl-%α decay: %α=60 *+10−11* (2017Og01 review).
See ^{286}Fl Adopted Levels for details of the production of the isotope.

^{282}Cn Levels

E(level)	J^{π}	$T_{1/2}$	Comments
0	0^{+}	0.96 ms *+35−20*	$T_{1/2}$: from Adopted Levels.

α radiations

Assuming HF=1 for g.s. to g.s. α transition, deduced $r_0(^{282}Cn)$=1.441 *14*.

Eα	E(level)	Comments
10.21×10^{3} *4*	0	Eα: from 2017Og01, 2015Og05 and 2016Ho09 reviews. Measurements: 10190 *60* (2012Og06, from analysis of 12 events out of a total of 25 observed events in Dubna work, one in 2012Og06 study, and the rest in previous studies at Dubna); 10.21 MeV *6* (2004Og12); 10.23 MeV *4* (2009St21); 10.31 MeV *10* (2010El06). Assumed as g.s. to g.s. α transition.