

^{247}Cf $Z = 98$ $N = 149$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1850.836 (0.014) MeV

Qbeta+ = 0.620 (0.015) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-6.503	(0.014)	-----		
247CF	1			0.000 (7/2+)	1 3.11 H 3
247CF	2			0.055 (9/2+)	2
247CF	3			0.122 (11/2+)	3
247CF	4			0.201 (13/2+)	4
247CF	5			0.383 (5/2+)	5
247CF	6			0.427 (7/2+)	6
247CF	7			0.480 (9/2-)	7
247CF	8			0.532 (11/2-)	8
247CF	9			0.551 (11/2+)	9
247CF	10			0.595 (13/2-)	10

247CF	11			0.634 (13/2+)	11
247CF	12			0.678 (7/2-)	12
247CF	13			0.738 (9/2-)	13

S-p = 5.146 (0.062)-----

S-n = 6.052 (0.014)-----

S-2p = 9.473 (0.014)-----

S-2n = 13.418 (0.015)-----

S-alpha= -6.503 (0.014)-----

S+p = -3.212 (0.014)

S+n = -6.943 (0.015)

S+2p = -7.168 (0.016)

S+2n = -12.529 (0.014)

S+alpha = 7.424 (0.020)

gap p = 1.935 (0.063)

gap n = -0.891 (0.021)

gap 2p = 2.305 (0.021)

gap 2n = 0.889 (0.020)

gap alpha = 0.922 (0.025)