

^{253}Cf $Z = 98$ $N = 155$ adopted link ENSDF link

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

BE = 1886.072 (0.004) MeV

Qbeta- = 0.291 (0.004) MeV

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

S-alpha=	-6.126 (0.005)				
253CF	1			0.000 (7/2+)	1 17.81 D 8
253CF	2			0.062 (9/2+)	2
253CF	3			0.137 (11/2+)	3
253CF	4			0.241 (9/2+)	4
253CF	5			0.321 (11/2+)	5
253CF	6			0.417 (13/2+)	6

S-p = 6.404 (0.252)-----

S-n = 4.804 (0.005)-----

S-2p = 11.924 (0.023)-----

S-2n = 10.976 (0.006)-----

S-alpha= -6.126 (0.005)-----

S+p = -4.596 (0.005)

S+n = -6.031 (0.012)

S+2p = -10.079 (0.006)

S+2n = -10.618 (0.255)

S+alpha = 6.864 (0.006)

gap p = 1.808 (0.252)

gap n = -1.227 (0.013)

gap 2p = 1.845 (0.024)

gap 2n = 0.358 (0.255)

gap alpha = 0.738 (0.008)