

^{243}Cf $Z = 98$ $N = 145$ adopted link ENSDF link

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

BE = 1823.715 (-0.243) MeV

Qbeta+ = 2.256 (0.243) MeV

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

S-alpha=	-7.373	(-0.286)	-----		
243CF	1			0.000 (1/2+)	1 10.7 M 5
243CF	2			0.007 (3/2+)	2
243CF	3			0.067 (5/2+)	3
243CF	4			0.149 (5/2+)	4
243CF	5			0.193 (7/2+)	5
243CF	6			0.315 (7/2+)	6

S-p = 4.117 (-0.343)-----

S-n = 6.513 (-0.243)-----

S-2p = 7.334 (-0.243)-----

S-2n = 14.528 (-0.342)-----

S-alpha= -7.373 (-0.286)-----

S+p = -2.137 (-0.344)

S+n = -7.539 (-0.243)

S+2p = -5.210 (-0.345)

S+2n = -13.703 (-0.243)

S+alpha = 8.403 (-0.346)

gap p = 1.980 (0.486)

gap n = -1.026 (0.344)

gap 2p = 2.124 (0.422)

gap 2n = 0.825 (0.420)

gap alpha = 1.029 (0.449)