

^{245}Cf $Z = 98$ $N = 147$ adopted link ENSDF link

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

BE = 1837.418 (0.002) MeV

Qbeta+ = 1.571 (0.003) MeV

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

S-alpha=	-7.258 (0.003)	-----			
245CF	1 0.000	1/2+			1 45.0 M 15
245CF	2			0.005 [3/2+]	2
245CF	3			0.055 (7/2+)	3

S-p = 4.618 (0.015)-----
 S-n = 6.164 (0.004)-----
 S-2p = 8.375 (0.003)-----
 S-2n = 13.703 (0.243)-----
 S-alpha= -7.258 (0.003)-----

S+p = -2.855 (0.090)
 S+n = -7.366 (0.003)
 S+2p = -6.190 (0.247)
 S+2n = -13.418 (0.015)
 S+alpha = 7.709 (0.007)

gap p = 1.763 (0.091)
 gap n = -1.202 (0.005)
 gap 2p = 2.185 (0.247)
 gap 2n = 0.285 (0.243)
 gap alpha = 0.451 (0.007)