

^{242}Cf $Z = 98$ $N = 144$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1817.202 (0.013) MeV

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

S-alpha=	-7.517 (0.018)				
242CF	1 0.000	0+			1 3.7 M 5

S-p = 0.000 (0.000)-----
S-n = 0.000 (0.000)-----
S-2p = 6.915 (0.013)-----
S-2n = 14.747 (0.023)-----
S-alpha= -7.517 (0.018)-----

S+p = 0.000 (0.000)
S+n = 0.000 (0.000)
S+2p = 0.000 (0.000)
S+2n = -14.052 (0.013)
S+alpha = 8.377 (0.020)

gap p = 0.000 (0.000)
gap n = 0.000 (0.000)
gap 2p = 0.000 (0.000)
gap 2n = 0.695 (0.026)
gap alpha = 0.860 (0.027)