

^{240}Cm $Z = 96$ $N = 144$ adopted link ENSDF link

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

BE = 1810.287 (0.002) MeV

Qbeta+ = 0.214 (0.014) MeV

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

S-alpha=	-6.398 (0.003)				
240CM 1	0.000	0+			1 27 D 1
240CM 2				0.038 (2+)	2 132 PS 9
240CM 3				2.000	3 10 PS 3
240CM 4				3.000	4 55 NS 12

S-p = 4.955 (0.003)-----

S-n = 7.494 (0.150)-----

S-2p = 9.017 (0.002)-----

S-2n = 13.864 (0.012)-----

S-alpha= -6.398 (0.003)-----

S+p = -2.997 (0.241)

S+n = -6.094 (0.002)

S+2p = -6.915 (0.013)

S+2n = -13.063 (0.002)

S+alpha = 7.329 (0.003)

gap p = 1.958 (0.241)

gap n = 1.401 (0.150)

gap 2p = 2.102 (0.013)

gap 2n = 0.801 (0.013)

gap alpha = 0.931 (0.004)