

^{239}Cm $Z = 96$ $N = 143$ adopted link ENSDF link

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

BE = 1802.793 (0.150) MeV

Qbeta+ = 1.757 (0.150) MeV

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

S-alpha=	-6.540 (0.151)				
239CM 1				0.000 (7/2-)	1 2.7 H 8
239CM 2				0.242 (1/2+)	2

S-p = 4.563 (0.161)-----
 S-n = 6.370 (0.151)-----
 S-2p = 8.523 (0.150)-----
 S-2n = 14.243 (0.167)-----
 S-alpha= -6.540 (0.151)-----

S+p = -2.727 (0.283)
 S+n = -7.494 (0.150)
 S+2p = -6.394 (0.284)
 S+2n = -13.588 (0.150)
 S+alpha = 7.373 (0.286)

gap p = 1.836 (0.326)
 gap n = -1.125 (0.213)
 gap 2p = 2.128 (0.321)
 gap 2n = 0.655 (0.225)
 gap alpha = 0.834 (0.323)