

^{243}Cm $Z = 96$ $N = 147$ adopted link ENSDF link

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

BE = 1829.043 (0.002) MeV

Qbeta+ = 0.007 (0.002) MeV

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

S-alpha=	-6.169	(0.002)	-----		
243CM 1	0.000	5/2+			1 29.1 Y 1
243CM 2	0.042	7/2+			2
243CM 3	0.087	1/2+			3 1.08 US 3
243CM 4	0.094	9/2+			4
243CM 5	0.094	3/2+			5
243CM 6				0.114 (7/2+)	6
243CM 7				0.153 (11/2+)	7
243CM 8				0.164 (9/2+)	8
243CM 9				0.219 (13/2+)	9
243CM 10				0.228 (11/2+)	10

243CM 11				0.260 (9/2+)	11
243CM 12				0.530	12
243CM 13			0.729 1/2-		13
243CM 14				0.769	14
243CM 15				0.798	15
243CM 16				0.842	16
243CM 17				0.860	17
243CM 18				0.892	18
243CM 19				0.904	19
243CM 20				0.930	20

243CM 21				0.973	21
243CM 22				1.015	22
243CM 23				1.023	23
243CM 24				1.046	24
243CM 25				1.136	25
243CM 26				1.217	26
243CM 27				1.222	27
243CM 28				1.359	28
243CM 29				1.367	29
243CM 30				1.900	30 42 NS 6

S-p = 5.575 (0.002)-----

S-n = 5.693 (0.002)-----

S-2p = 10.351 (0.002)-----

S-2n = 12.663 (0.002)-----

S-alpha= -6.169 (0.002)-----

S+p = -3.757 (0.014)

S+n = -6.801 (0.002)

S+2p = -8.375 (0.003)

S+2n = -12.320 (0.002)

S+alpha = 6.503 (0.014)

gap p = 1.818 (0.015)

gap n = -1.108 (0.003)

gap 2p = 1.976 (0.003)

gap 2n = 0.343 (0.003)

gap alpha = 0.334 (0.015)