

^{246}Cm $Z = 96$ $N = 150$ [link to full NNDC output](#)

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

BE = 1847.822 (0.001) MeV

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

S-alpha=	-5.475 (0.002)				
246CM 1	0.000	0+			1 4706 Y 40
246CM 2	0.043	2+			2 123 PS 2
246CM 3	0.142	4+			3
246CM 4	0.295	6+			4
246CM 5	0.501	8+			5
246CM 6				0.753 (10+)	6
246CM 7			0.842 2-		7
246CM 8			0.876 3-		8
246CM 9				0.923 (4)-	9
246CM 10				0.981 (5)-	10

246CM 11				1.050 (12+)	11
246CM 12				1.051 (6-)	12
246CM 13				1.059	13
246CM 14			1.079 1-		14
246CM 15				1.105 (2)-	15
246CM 16	1.124	2+			16
246CM 17			1.128 3-		17
246CM 18				1.129 (7-)	18
246CM 19				1.165 (3+)	19
246CM 20	1.175	0+			20

246CM 21				1.180 (8-)	21
246CM 22	1.211	2+			22
246CM 23				1.220 (4+)	23
246CM 24				1.221	24
246CM 25			1.250 1-		25
246CM 26	1.289	0+			26
246CM 27				1.300 (3-)	27
246CM 28				1.318 (2)+	28
246CM 29				1.340	29
246CM 30			1.349 1-		30

246CM 31				1.367 (2-)	31
246CM 32				1.379 (4+)	32
246CM 33				1.387 (14+)	33
246CM 34				1.397 (5-)	34
246CM 35	1.452	1+			35
246CM 36				1.478 (2+)	36
246CM 37				1.509 (3+)	37

246CM	38			1.526	3-			38
246CM	39					1.574	(1+)	39
246CM	40			1.594	2-			40

246CM	41					1.601	(3)+	41
246CM	42					1.604	(1-)	42
246CM	43			1.621	3-			43
246CM	44					1.629		44
246CM	45					1.634	(2)-	45
246CM	46					1.659	(1-)	46
246CM	47					1.662	(1+)	47
246CM	48					1.671	(3-)	48
246CM	49	1.681	2+					49
246CM	50					1.712	(3+)	50

246CM	51					1.760	(16+)	51
246CM	52	1.781	2+					52
246CM	53					1.822		53
246CM	54					1.837	(2+,1-)	54
246CM	55					1.857	(3+)	55
246CM	56					1.870	1,2+	56
246CM	57					1.876	1,2+	57
246CM	58					1.887	(1+)	58
246CM	59					1.898	(2+)	59
246CM	60					1.901	2+,3	60

246CM	61					1.906	2+,3,4+	61
246CM	62					1.909	1-,2+	62
246CM	63					1.925	1,2+	63
246CM	64					1.947	2+,3,4+	64
246CM	65					1.965		65
246CM	66					1.983	(1+,2+)	66
246CM	67					2.033	1,2+	67
246CM	68					2.146	1,2+	68
246CM	69					2.165	(18+)	69
246CM	70					2.171	2+,3	70

246CM	71					2.598	(20+)	71
246CM	72					3.056	(22+)	72
246CM	73					3.535	(24+)	73
246CM	74					4.033	(26+)	74

S-p = 6.573 (0.002)-----
S-n = 6.459 (0.002)-----
S-2p = 11.767 (0.003)-----
S-2n = 11.978 (0.002)-----
S-alpha= -5.475 (0.002)-----

S+p = -4.416 (0.005)

S+n = -5.155 (0.004)
S+2p = -9.957 (0.005)
S+2n = -11.367 (0.003)
S+alpha = 6.129 (0.002)

gap p = 2.156 (0.006)
gap n = 1.304 (0.004)
gap 2p = 1.810 (0.006)
gap 2n = 0.611 (0.003)
gap alpha = 0.654 (0.003)