

$^{240}\text{Cm}$        $Z = 96$        $N = 144$       [link to full NNDC output](#)

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

BE = 1810.287 ( 0.002) MeV

Qbeta+ = 0.214 ( 0.014) MeV

	Energy T	J+	J-	J-other	T1/2
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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 ( 0.054)-----

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

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

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

S+p = 0.000 ( 0.000)

S+n = -6.094 ( 0.003)

S+2p = -6.915 ( 0.013)

S+2n = -13.063 ( 0.002)

S+alpha = 7.329 ( 0.003)

gap p = 0.000 ( 0.000)

gap n = 1.400 ( 0.054)

gap 2p = 2.102 ( 0.013)

gap 2n = 0.800 ( 0.012)

gap alpha = 0.931 ( 0.004)