

$^{241}\text{Cm}$        $Z = 96$        $N = 145$       adopted link      ENSDF link

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

BE = 1816.380 ( 0.002) MeV

Qbeta+ = 0.767 ( 0.002) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-6.185 ( 0.002)	-----			
241CM	1   0.000	1/2+			1 32.8 D 2
241CM	2			0.005 (3/2+)	2
241CM	3			0.057 (5/2+)	3
241CM	4			0.081 (7/2+)	4
241CM	5			0.163 (9/2+)	5
241CM	6			0.268 (5/2+)	6
241CM	7			0.420 (7/2+)	7
241CM	8			2.300	8 15.3 NS 10

S-p = 5.097 ( 0.014)-----

S-n = 6.094 ( 0.002)-----

S-2p = 9.464 ( 0.002)-----

S-2n = 13.588 ( 0.150)-----

S-alpha= -6.185 ( 0.002)-----

S+p = -3.218 ( 0.242)

S+n = -6.969 ( 0.002)

S+2p = -7.334 ( 0.243)

S+2n = -12.663 ( 0.002)

S+alpha = 7.258 ( 0.003)

gap p = 1.880 ( 0.242)

gap n = -0.876 ( 0.003)

gap 2p = 2.130 ( 0.243)

gap 2n = 0.925 ( 0.150)

gap alpha = 1.073 ( 0.004)