

$^{151}\text{Ce}$        $Z = 58$        $N = 93$       adopted link      ENSDF link

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

BE = 1234.618 ( 0.018) MeV

Qbeta- = 5.555 ( 0.021) MeV

	Energy T	J+	J-	J-other	T1/2
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151CE 1				0.000 (5/2+)	1 1.76 S 6

S-p = 12.203 ( 0.018)-----

S-n = 4.450 ( 0.021)-----

S-2p = 22.972 ( 0.018)-----

S-2n = 10.698 ( 0.020)-----

S-alpha= 3.386 ( 0.027)-----

S+p = -9.822 ( 0.026)

S+n = -5.854 ( 0.153)

S+2p = -20.683 ( 0.018)

S+2n = -9.884 ( 0.154)

S+alpha = -3.484 ( 0.020)

gap p = 2.381 ( 0.031)

gap n = -1.404 ( 0.154)

gap 2p = 2.289 ( 0.025)

gap 2n = 0.814 ( 0.155)

gap alpha = -0.098 ( 0.033)