

^{154}Ce $Z = 58$ $N = 96$ adopted link ENSDF link

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

BE = 1249.864 (-0.154) MeV

Qbeta- = 5.602 (0.184) MeV

	Energy T	J+	J-	J-other	T1/2
154CE	1 0.000	0+			1 0.722 S 14

S-p = 13.471 (-0.343)-----

S-n = 5.362 (-0.217)-----

S-2p = 25.200 (-0.481)-----

S-2n = 9.392 (-0.216)-----

S-alpha= 4.792 (-0.154)-----

S+p = -10.447 (-0.155)

S+n = -3.621 (-0.346)

S+2p = -22.523 (-0.154)

S+2n = -8.744 (-0.348)

S+alpha = -4.003 (-0.154)

gap p = 3.024 (0.376)

gap n = 1.741 (0.409)

gap 2p = 2.677 (0.505)

gap 2n = 0.648 (0.410)

gap alpha = 0.789 (0.218)