

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

Based on ensdf_240402 (Apr 2024), 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
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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)