

$^{153}\text{Ce}$        $Z = 58$        $N = 95$       adopted link      ENSDF link

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

BE = 1244.502 (-0.153) MeV

Qbeta- = 6.602 ( 0.153) MeV

	Energy T	J+	J-	J-other	T1/2
153CE	1			0.000	1 0.865 S 25

S-p = 12.998 (-0.340)-----

S-n = 4.030 (-0.216)-----

S-2p = 24.573 (-0.478)-----

S-2n = 9.884 (-0.154)-----

S-alpha= 4.561 (-0.153)-----

S+p = -10.182 (-0.183)

S+n = -5.362 (-0.217)

S+2p = -21.895 (-0.153)

S+2n = -8.983 (-0.346)

S+alpha = -3.953 (-0.153)

gap p = 2.816 ( 0.386)

gap n = -1.332 ( 0.306)

gap 2p = 2.678 ( 0.502)

gap 2n = 0.901 ( 0.378)

gap alpha = 0.608 ( 0.216)