

$^{57}\text{Ca}$        $Z = 20$        $N = 37$       adopted link      ENSDF link

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

BE = 451.788 ( 0.900) MeV

Qbeta- = 14.010 ( 0.918) MeV

	Energy T	J+	J-	J-other	T1/2
57CA	1			0.000	1 620 NS GT

S-p = 22.660 ( 1.091)-----

S-n = 1.931 ( 0.934)-----

S-2p = 0.000 ( 0.000)-----

S-2n = 4.862 ( 0.914)-----

S-alpha= 16.611 ( 1.133)-----

S+p = -15.399 ( 0.920)

S+n = -2.236 ( 1.040)

S+2p = -33.074 ( 0.947)

S+2n = -2.984 ( 1.076)

S+alpha = -11.454 ( 0.950)

gap p = 7.261 ( 1.427)

gap n = -0.305 ( 1.398)

gap 2p = 0.000 ( 0.000)

gap 2n = 1.878 ( 1.412)

gap alpha = 5.157 ( 1.479)