

^{44}Cl $Z = 17$ $N = 27$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 362.223 (0.136) MeV

Qbeta- = 12.289 (0.136) MeV

	Energy T	J+	J-	J-other	T1/2
44CL 1				0.000 (2-)	1 0.56 S 11
44CL 2				0.475 (4-)	2 1.0 NS +35-7

S-p = 15.478 (0.136)-----
 S-n = 4.296 (0.150)-----
 S-2p = 35.972 (0.343)-----
 S-2n = 11.695 (0.149)-----
 S-alpha= 14.695 (0.205)-----

S+p = -16.675 (0.136)
 S+n = -5.949 (0.193)
 S+2p = -29.607 (0.136)
 S+2n = -9.617 (0.249)
 S+alpha = -14.325 (0.136)

gap p = -1.197 (0.193)
 gap n = -1.653 (0.244)
 gap 2p = 6.365 (0.369)
 gap 2n = 2.078 (0.290)
 gap alpha = 0.370 (0.246)