

^{44}Cl $Z = 17$ $N = 27$ adopted link ENSDF link

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

BE = 362.317 (0.086) MeV

Qbeta- = 12.194 (0.086) 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 = 15.572 (0.086)-----
 S-n = 4.391 (0.106)-----
 S-2p = 36.149 (0.128)-----
 S-2n = 11.790 (0.104)-----
 S-alpha= 14.765 (0.120)-----

S+p = -16.581 (0.086)
 S+n = -5.855 (0.161)
 S+2p = -29.513 (0.086)
 S+2n = -9.399 (0.130)
 S+alpha = -14.230 (0.086)

gap p = -1.008 (0.121)
 gap n = -1.464 (0.192)
 gap 2p = 6.636 (0.154)
 gap 2n = 2.391 (0.166)
 gap alpha = 0.534 (0.147)