

^{43}Cl $Z = 17$ $N = 26$ adopted link ENSDF link

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

BE = 357.926 (0.062) MeV

Qbeta- = 7.850 (0.062) MeV

	Energy T	J+	J-	J-other	T1/2
43CL 1				0.000 (1/2+)	1 3.13 S 9
43CL 2				0.328 (3/2+)	2
43CL 3				0.884 (1/2,3/2)	3
43CL 4				0.943 (5/2+)	4
43CL 5				1.668 (7/2+)	5
43CL 6				1.924	6

S-p = 13.811 (0.062)-----
 S-n = 7.399 (0.086)-----
 S-2p = 33.758 (0.135)-----
 S-2n = 12.995 (0.092)-----
 S-alpha= 13.810 (0.129)-----

S+p = -15.803 (0.062)
 S+n = -4.391 (0.106)
 S+2p = -27.034 (0.062)
 S+2n = -10.246 (0.150)
 S+alpha = -13.977 (0.062)

gap p = -1.992 (0.088)
 gap n = 3.008 (0.136)
 gap 2p = 6.724 (0.149)
 gap 2n = 2.749 (0.176)
 gap alpha = -0.168 (0.143)