

^{45}Cl $Z = 17$ $N = 28$ adopted link ENSDF link

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

BE = 368.172 (0.136) MeV

Qbeta- = 11.508 (0.136) MeV

	Energy T	J+	J-	J-other	T1/2
45CL 1				0.000 (1/2+)	1 413 MS 25
45CL 2				0.127 (3/2+)	2
45CL 3				0.928 (5/2+)	3
45CL 4				1.616	4
45CL 5				0.000 (1/2+)	5

S-p = 16.347 (0.136)-----

S-n = 5.855 (0.161)-----

S-2p = 37.889 (0.330)-----

S-2n = 10.246 (0.150)-----

S-alpha= 15.708 (0.182)-----

S+p = -18.798 (0.136)

S+n = -3.544 (0.167)

S+2p = -32.027 (0.136)

S+2n = -7.452 (0.232)

S+alpha = -13.774 (0.136)

gap p = -2.450 (0.193)

gap n = 2.311 (0.232)

gap 2p = 5.862 (0.357)

gap 2n = 2.794 (0.276)

gap alpha = 1.934 (0.227)