

$^{45}\text{Cl}$        $Z = 17$        $N = 28$       [link to full NNDC output](#)

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

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

S-p = 16.347 ( 0.136)-----  
S-n = 5.949 ( 0.193)-----  
S-2p = 37.520 ( 0.571)-----  
S-2n = 10.246 ( 0.150)-----  
S-alpha= 15.708 ( 0.182)-----

S+p = -18.799 ( 0.136)  
S+n = -3.668 ( 0.249)  
S+2p = -32.027 ( 0.136)  
S+2n = 0.000 ( 0.000)  
S+alpha = -13.774 ( 0.136)

gap p = -2.452 ( 0.193)  
gap n = 2.281 ( 0.315)  
gap 2p = 5.493 ( 0.587)  
gap 2n = 0.000 ( 0.000)  
gap alpha = 1.934 ( 0.227)