

$^{46}\text{Cl}$        $Z = 17$        $N = 29$       adopted link      ENSDF link

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

BE = 371.716 ( 0.097) MeV

Qbeta- = 16.036 ( 0.097) MeV

	Energy T	J+	J-	J-other	T1/2
46CL 1				0.000 (2-)	1 232 MS 2
46CL 2				0.118	2
46CL 3				0.151	3
46CL 4				0.402	4
46CL 5				1.024	5
46CL 6				0.000 (2-)	6

S-p = 17.701 ( 0.330)-----

S-n = 3.544 ( 0.167)-----

S-2p = 39.428 ( 0.408)-----

S-2n = 9.399 ( 0.130)-----

S-alpha= 17.252 ( 0.136)-----

S+p = -18.921 ( 0.097)

S+n = -3.908 ( 0.212)

S+2p = -33.127 ( 0.097)

S+2n = -6.668 ( 0.490)

S+alpha = -14.418 ( 0.098)

gap p = -1.221 ( 0.344)

gap n = -0.365 ( 0.270)

gap 2p = 6.300 ( 0.419)

gap 2n = 2.730 ( 0.507)

gap alpha = 2.834 ( 0.167)