

^{41}Cl $Z = 17$ $N = 24$ adopted link ENSDF link

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

BE = 344.931 (0.069) MeV

Qbeta- = 5.760 (0.069) MeV

	Energy T	J+	J-	J-other	T1/2
41CL 1				0.000 (1/2+)	1 38.4 S 8
41CL 2				0.130 (3/2+)	2
41CL 3				0.891 (5/2+)	3
41CL 4				1.445 (7/2+)	4
41CL 5				1.475 (5/2-,7/2-)	5
41CL 6				2.210 (9/2+)	6
41CL 7				2.451 (11/2+)	7
41CL 8				2.717 (9/2-,11/2-)	8

S-p = 11.758 (0.069)-----

S-n = 7.821 (0.076)-----

S-2p = 29.110 (0.132)-----

S-2n = 13.650 (0.069)-----

S-alpha= 10.736 (0.079)-----

S+p = -14.405 (0.069)

S+n = -5.596 (0.091)

S+2p = -23.846 (0.069)

S+2n = -12.995 (0.092)

S+alpha = -11.733 (0.069)

gap p = -2.646 (0.097)

gap n = 2.225 (0.118)

gap 2p = 5.264 (0.149)

gap 2n = 0.655 (0.115)

gap alpha = -0.997 (0.104)