

$^{35}\text{Al}$        $Z = 13$        $N = 22$       adopted link      ENSDF link

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

BE      =      272.549 ( 0.007) MeV

Qbeta- =      14.168 ( 0.037) MeV

	Energy T	J+	J-	J-other	T1/2
35AL 1				0.000 (5/2+)	1 38.3 MS 4
35AL 2				0.802	2
35AL 3				1.003	3
35AL 4				1.864	4
35AL 5				1.972	5
35AL 6				2.734	6
35AL 7				3.243	7
35AL 8				4.275	8
35AL 9				0.000 (5/2+)	9

S-p = 15.836 ( 0.010)-----

S-n = 5.297 ( 0.008)-----

S-2p = 38.582 ( 0.450)-----

S-2n = 7.869 ( 0.010)-----

S-alpha= 14.895 ( 0.016)-----

S+p = -19.501 ( 0.072)

S+n = -1.897 ( 0.150)

S+2p = -33.350 ( 0.039)

S+2n = -6.109 ( 0.180)

S+alpha = -14.976 ( 0.113)

gap p = -3.665 ( 0.073)

gap n = 3.400 ( 0.150)

gap 2p = 5.232 ( 0.452)

gap 2n = 1.760 ( 0.181)

gap alpha = -0.081 ( 0.114)