

^{30}Al $Z = 13$ $N = 17$ adopted link ENSDF link

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

BE = 247.833 (0.002) MeV

Qbeta- = 8.569 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2
30AL 1	0.000	3+			1 3.62 S 6
30AL 2	0.244	2+			2 8 NS LT
30AL 3	0.688	1+			3 0.7 PS 2
30AL 4				1.000	4
30AL 5	1.119	3+			5 83 FS 55
30AL 6				1.244 (4+)	6 118 FS 55
30AL 7				1.800	7
30AL 8				1.822	8
30AL 9				2.017	9
30AL 10				2.297 (4)	10
30AL 11				2.303	11
30AL 12				2.413 (1+)	12
30AL 13				2.434	13
30AL 14				2.454	14
30AL 15				2.744	15
30AL 16				2.844	16
30AL 17				2.903 (5)	17
30AL 18				3.459	18
30AL 19				3.705	19
30AL 20				3.898 (6)	20
30AL 21				4.009	21
30AL 22				4.201	22
30AL 23				4.463	23
30AL 24				4.571 (5,6)	24
30AL 25				4.694	25
30AL 26				4.814	26
30AL 27				5.359 (6)	27
30AL 28				5.416	28
30AL 29				5.501 (7)	29
30AL 30				5.553	30
S-n =	5.728 (0.002)				
30AL 31				5.901	31
30AL 32				6.414 (7)	32
30AL 33				7.241 (8)	33
30AL 34				9.373 (9)	34

S-p = 12.541 (0.002)-----
S-n = 5.728 (0.002)-----
S-2p = 29.454 (0.010)-----
S-2n = 15.156 (0.002)-----
S-alpha= 11.428 (0.004)-----

S+p = -14.374 (0.002)
S+n = -7.158 (0.003)
S+2p = -23.019 (0.002)
S+2n = -11.378 (0.007)
S+alpha = -11.110 (0.002)

gap p = -1.833 (0.003)
gap n = -1.430 (0.004)
gap 2p = 6.435 (0.011)
gap 2n = 3.778 (0.008)
gap alpha = 0.319 (0.005)