

^{32}Al $Z = 13$ $N = 19$ [link to full NNDC output](#)

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

BE = 259.211 (0.007) MeV

Qbeta- = 12.978 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2
32AL 1	0.000	1+			1 33.0 MS 2
32AL 2				0.735 (2+)	2
32AL 3				0.957 (4+)	3 200 NS 20
32AL 4				1.178 (4-)	4
32AL 5				1.743	5
32AL 6	2.765	1+			6
32AL 7	3.202	1+			7

S-p = 15.266 (0.008)-----
 S-n = 4.220 (0.008)-----
 S-2p = 34.152 (0.009)-----
 S-2n = 11.377 (0.008)-----
 S-alpha= 12.536 (0.013)-----

S+p = -16.704 (0.007)
 S+n = -5.469 (0.010)
 S+2p = -28.027 (0.007)
 S+2n = -8.044 (0.008)
 S+alpha = -11.577 (0.015)

gap p = -1.438 (0.011)
 gap n = -1.249 (0.013)
 gap 2p = 6.125 (0.011)
 gap 2n = 3.334 (0.011)
 gap alpha = 0.959 (0.019)