

$^{32}\text{Al}$        $Z = 13$        $N = 19$       adopted link      ENSDF link

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

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 = 11.378 ( 0.007)-----

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 = -8.041 ( 0.007)

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 = 3.337 ( 0.011)

gap alpha = 0.959 ( 0.019)