

^{34}Al $Z = 13$ $N = 21$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 267.252 (0.002) MeV

Qbeta- = 16.994 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2
34AL 1			0.000 (4-)		1 56.3 MS 5
34AL 2			0.657 (4-)		2

S-p = 15.249 (0.003) -----
 S-n = 2.572 (0.007) -----
 S-2p = 36.216 (0.037) -----
 S-2n = 8.041 (0.007) -----
 S-alpha= 13.897 (0.005) -----

S+p = -18.683 (0.036)
 S+n = -5.297 (0.008)
 S+2p = -31.831 (0.013)
 S+2n = -7.195 (0.150)
 S+alpha = -14.049 (0.073)

gap p = -3.433 (0.036)
 gap n = -2.726 (0.011)
 gap 2p = 4.384 (0.040)
 gap 2n = 0.846 (0.150)
 gap alpha = -0.152 (0.073)