^{31}Al $Z = 13$ $N = 18$ link to full NNDC output

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

BE = 254.991 (0.002) MeV
Qbeta- = 7.998 (0.002) MeV

	Energy	T	J+	J-	J-other	T1/2	
31AL 1				0.000	5/2(+)	1	644 MS 25
31AL 2				0.947	1/2,3/2	2	
31AL 3				1.613	1/2(+),3/2(	3+)	
31AL 4				2.090		4	
31AL 5				2.676		5	
31AL 6				3.239	1/2(+),3/2(	6+)	
31AL 7				3.433	1/2(+),3/2(	7+)	
31AL 8				3.623	1/2(+),3/2(	8+)	
31AL 9				4.143	1/2(+),3/2(	9+)	
31AL 10				4.320		10	
31AL 11				4.563	1/2(+),3/2(	11+)	
31AL 12				4.640	(1/2,3/2)	12	
31AL 13				4.809		13	
31AL 14				5.047	1/2(+),3/2(	14+)	
31AL 15				5.149	1/2(+),3/2(	15+)	
31AL 16				5.729		16	
31AL 17				6.480		17	

S-p = 13.356 (0.004)
S-n = 7.157 (0.004)
S-2p = 32.209 (0.008)
S-2n = 12.886 (0.002)
S-alpha= 11.858 (0.004)

S+p = -16.416 (0.002)
S+n = -4.220 (0.008)
S+2p = -25.965 (0.002)
S+2n = -9.689 (0.007)
S+alpha = -12.332 (0.003)

gap p = -3.060 (0.005)
gap n = 2.937 (0.008)
gap 2p = 6.244 (0.008)
gap 2n = 3.196 (0.008)
gap alpha = -0.474 (0.005)