

^{61}Mn $Z = 25$ $N = 36$ [link to full NNDC output](#)

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

BE = 524.534 (0.002) MeV

Qbeta- = 7.178 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
61MN 1				0.000 (5/2-)	1 0.709 S 8
61MN 2				0.157 (7/2-)	2
61MN 3				1.035 (9/2-)	3
61MN 4				1.142 (1/2-,3/2)	4
61MN 5				1.282 (11/2-)	5
61MN 6				1.497 (3/2,5/2,7/2)	6
61MN 7				1.861 (3/2,5/2,7/2)	7
61MN 8				2.032	8
61MN 9				2.202	9
61MN 10				2.378 (3/2,5/2,7/2)	10
61MN 11				2.502 (15/2-)	11
61MN 12				2.608	12
61MN 13				2.753	13
61MN 14				3.132	14
61MN 15				3.572	15

S-p = 12.362 (0.194)-----

S-n = 6.846 (0.003)-----

S-2p = 28.488 (0.162)-----

S-2n = 12.359 (0.003)-----

S-alpha= 9.754 (0.081)-----

S+p = -14.425 (0.004)

S+n = -4.853 (0.007)

S+2p = -24.687 (0.019)

S+2n = -11.287 (0.004)

S+alpha = -9.868 (0.003)

gap p = -2.063 (0.194)

gap n = 1.992 (0.008)

gap 2p = 3.801 (0.163)

gap 2n = 1.072 (0.005)

gap alpha = -0.114 (0.081)