

^{71}Se $Z = 34$ $N = 37$ [link to full NNDC output](#)

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

BE = 609.610 (0.003) MeV

Qbeta+ = 4.747 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
71SE 1				0.000 (5/2-)	1 4.74 M 5
71SE 2				0.049 (1/2-)	2 5.6 US 7
71SE 3				0.172	3
71SE 4				0.260 (9/2+)	4 19.0 US 5
71SE 5				0.282 (3/2-)	5
71SE 6				0.648	6
71SE 7				0.757	7
71SE 8				0.796	8
71SE 9				1.041 (7/2-)	9 1.0 PS 7
71SE 10				1.154 (11/2+)	10
71SE 11				1.298 (13/2+)	11 0.90 PS 28
71SE 12				1.493 (13/2+)	12
71SE 13				1.639 (13/2+)	13
71SE 14				1.681 (11/2-)	14 1.7 PS 7
71SE 15				2.327 (17/2+)	15
71SE 16				2.418 (15/2+)	16
71SE 17				2.449 (17/2+)	17 0.53 PS 21
71SE 18				2.481 (15/2-)	18 0.53 PS 28
S-alpha=	2.913 (0.005)				
71SE 19				3.237 (21/2+)	19
71SE 20				3.427 (19/2-)	20 0.7 PS LT
71SE 21				3.452 (19/2+)	21
71SE 22				3.635 (21/2+)	22 0.40 PS 28
71SE 23				4.301	23
71SE 24				4.497 (23/2+)	24
71SE 25				4.504	25
71SE 26				4.834 (25/2+)	26
71SE 27				6.036	27

S-p = 6.094 (0.050)

S-n = 9.288 (0.003)

S-2p = 10.624 (0.003)

S-2n = 22.854 (0.003)

S-alpha= 2.913 (0.005)

S+p = -3.204 (0.003)

S+n = -12.793 (0.003)

S+2p = -7.983 (0.007)
S+2n = -21.223 (0.008)
S+alpha = -3.602 (0.009)

gap p = 2.889 (0.050)
gap n = -3.505 (0.005)
gap 2p = 2.641 (0.008)
gap 2n = 1.631 (0.009)
gap alpha = -0.689 (0.010)