

^{89}Se $Z = 34$ $N = 55$ [link to full NNDC output](#)

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

BE = 750.740 (0.004) MeV

Qbeta- = 9.282 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
89SE	1			0.000 (5/2+)	1 0.43 S 5

S-p = 0.000 (0.000)-----

S-n = 3.180 (0.005)-----

S-2p = 0.000 (0.000)-----

S-2n = 8.709 (0.004)-----

S-alpha= 8.294 (0.005)-----

S+p = -12.297 (0.005)

S+n = -4.879 (0.330)

S+2p = -26.559 (0.004)

S+2n = -7.730 (0.433)

S+alpha = -7.569 (0.005)

gap p = 0.000 (0.000)

gap n = -1.700 (0.330)

gap 2p = 0.000 (0.000)

gap 2n = 0.979 (0.433)

gap alpha = 0.725 (0.007)