

$^{89}\text{Br}$        $Z = 35$        $N = 54$       [link to full NNDC output](#)

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

BE = 759.239 ( 0.003) MeV

Qbeta- = 8.262 ( 0.004) MeV

	Energy T	J+	J-	J-other	T1/2
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89BR 1				0.000 (3/2-,5/2-)	1 4.357 S 22

S-p = 11.679 ( 0.005)-----

S-n = 5.630 ( 0.005)-----

S-2p = 27.234 ( 0.004)-----

S-2n = 10.525 ( 0.005)-----

S-alpha= 7.510 ( 0.004)-----

S+p = -13.974 ( 0.004)

S+n = -3.797 ( 0.005)

S+2p = -24.049 ( 0.008)

S+2n = -8.976 ( 0.005)

S+alpha = -6.771 ( 0.008)

gap p = -2.295 ( 0.006)

gap n = 1.832 ( 0.007)

gap 2p = 3.186 ( 0.010)

gap 2n = 1.550 ( 0.007)

gap alpha = 0.740 ( 0.010)