

^{86}Br $Z = 35$ $N = 51$ [link to full NNDC output](#)

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

BE = 742.383 (0.003) MeV

Qbeta- = 7.633 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
86BR 1				0.000 (1-)	1 55.1 S 4
86BR 2				0.005 (2-)	2
86BR 3				0.053 (3-)	3
86BR 4				0.131 (4-)	4
86BR 5				0.207 (1-,2-)	5
86BR 6				0.244 (4-)	6
86BR 7				0.298 (0-;4-)	7
86BR 8				0.436 (1-,2)	8
86BR 9				0.575 (5-)	9
86BR 10				1.047 (1-,2)	10
86BR 11				1.170 (1-,2-)	11
86BR 12				1.494	12
86BR 13				1.624 (7+)	13
86BR 14				1.780	14
86BR 15				1.920	15
86BR 16	2.446	1+			16
86BR 17	2.665	1+			17
86BR 18				2.687	18
86BR 19				3.074	19
86BR 20				3.240	20
86BR 21				3.763	21
86BR 22				3.814	22

S-p = 10.508 (0.004)-----

S-n = 5.128 (0.004)-----

S-2p = 24.357 (0.004)-----

S-2n = 13.992 (0.026)-----

S-alpha= 7.952 (0.005)-----

S+p = -12.366 (0.003)

S+n = -6.331 (0.004)

S+2p = -21.555 (0.003)

S+2n = -11.226 (0.004)

S+alpha = -6.157 (0.007)

gap p = -1.859 (0.005)

gap n = -1.203 (0.006)

gap 2p = 2.802 (0.005)
gap 2n = 2.766 (0.026)
gap alpha = 1.795 (0.009)