

^{87}Br $Z = 35$ $N = 52$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 748.714 (0.003) MeV

Qbeta- = 6.818 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
87BR 1				0.000 (5/2-)	1 55.68 S 12
87BR 2				0.243 (1/2,3/2,5/2)	2
87BR 3				0.334 (1/2,3/2,5/2)	3
87BR 4				0.573 (1/2,3/2,5/2)	4
87BR 5				0.711 (1/2,3/2,5/2)	5
87BR 6				1.036 (1/2,3/2,5/2)	6
87BR 7				1.878 (1/2,3/2,5/2)	7
87BR 8				3.926 (1/2,3/2,5/2)	8
87BR 9				3.987 (1/2,3/2,5/2)	9

S-p = 10.677 (0.004)-----

S-n = 6.331 (0.004)-----

S-2p = 25.280 (0.004)-----

S-2n = 11.459 (0.004)-----

S-alpha= 6.647 (0.004)-----

S+p = -13.089 (0.004)

S+n = -4.896 (0.004)

S+2p = -22.399 (0.006)

S+2n = -10.525 (0.005)

S+alpha = -6.278 (0.008)

gap p = -2.411 (0.006)

gap n = 1.435 (0.006)

gap 2p = 2.882 (0.008)

gap 2n = 0.934 (0.006)

gap alpha = 0.369 (0.009)