

^{84}Br $Z = 35$ $N = 49$ [link to full NNDC output](#)

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

BE = 728.392 (0.026) MeV

Qbeta- = 4.656 (0.026) MeV

	Energy T	J+	J-	J-other	T1/2
84BR 1			0.000	2-	1 31.76 M 8
84BR 2				0.320 (6)-	2 6.0 M 2
84BR 3	0.408	1+			3 0.14 US LT
84BR 4				0.850 (7-)	4
84BR 5				1.821 (7+)	5
84BR 6				2.016 (8+)	6
84BR 7				2.016 (8-)	7
84BR 8				2.291 (9-)	8
84BR 9				2.710 (10-)	9
84BR 10				2.742 (9+)	10

S-p = 9.732 (0.026)-----
 S-n = 6.841 (0.026)-----
 S-2p = 22.256 (0.026)-----
 S-2n = 16.427 (0.026)-----
 S-alpha= 7.994 (0.026)-----

S+p = -10.986 (0.026)
 S+n = -8.864 (0.026)
 S+2p = -19.542 (0.026)
 S+2n = -13.992 (0.026)
 S+alpha = -7.251 (0.026)

gap p = -1.255 (0.037)
 gap n = -2.023 (0.037)
 gap 2p = 2.714 (0.037)
 gap 2n = 2.435 (0.036)
 gap alpha = 0.743 (0.037)