

^{80}Ga $Z = 31$ $N = 49$ [link to full NNDC output](#)

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

BE = 680.676 (0.003) MeV

Qbeta- = 10.312 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
80GA 1				0.000 6(-)	1 1.9 S 1
80GA 2				0.022 3(-)	2 1.3 S 2
80GA 3				0.097 (4)	3
80GA 4				0.403	4
80GA 5				0.577	5
80GA 6				0.708 (1+)	6 18.3 NS 5
80GA 7				0.735	7
80GA 8				0.911	8
80GA 9				0.951 (1-,2-)	9
80GA 10				0.987 (1-,2-)	10
80GA 11				0.990	11
80GA 12				1.142	12
80GA 13				1.153	13
80GA 14				1.194	14
80GA 15				1.214	15
80GA 16				1.290	16
80GA 17				1.300	17
80GA 18				1.356	18
80GA 19	1.450	1+			19
80GA 20				1.526	20
80GA 21				2.044	21
80GA 22	2.092	1+			22
80GA 23				2.560 (1+)	23
80GA 24	2.677	1+			24
80GA 25				2.822 (1+)	25
80GA 26				3.329	26
80GA 27				3.380	27

S-p = 13.080 (0.004)-----

S-n = 4.747 (0.003)-----

S-2p = 29.304 (0.503)-----

S-2n = 11.660 (0.003)-----

S-alpha= 10.673 (0.007)-----

S+p = -14.357 (0.004)

S+n = -6.476 (0.004)

S+2p = -25.460 (0.005)

S+2n = -9.850 (0.004)
S+alpha = -9.055 (0.004)

gap p = -1.277 (0.005)
gap n = -1.728 (0.006)
gap 2p = 3.845 (0.503)
gap 2n = 1.811 (0.005)
gap alpha = 1.618 (0.008)