

^{80}Ge $Z = 32$ $N = 48$ [link to full NNDC output](#)

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

BE = 690.206 (0.002) MeV

Qbeta- = 2.679 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
80GE 1	0.000	0+			1 29.5 S 4
80GE 2	0.659	2+			2 16.4 PS 32
80GE 3				1.574 (2+)	3
80GE 4				1.743 (4+)	4
80GE 5				1.972	5
80GE 6				2.266	6
80GE 7				2.852	7
80GE 8				2.978 (6+)	8
80GE 9				3.037	9
80GE 10				3.423	10
80GE 11				3.424	11
80GE 12				3.445 (8+)	12 2.95 NS 6
80GE 13				3.498	13
80GE 14				3.515	14
80GE 15				3.686	15
80GE 16				3.914	16
80GE 17				3.983	17
80GE 18				3.988	18
80GE 19				4.026	19
80GE 20				4.324	20
80GE 21				4.413	21
80GE 22				4.533	22
80GE 23				4.851	23
80GE 24				4.993	24
80GE 25				5.233	25
80GE 26				5.338	26
80GE 27				5.451	27
80GE 28				5.568	28
80GE 29				5.573	29
80GE 30				5.800	30
80GE 31				6.047	31
80GE 32				6.155	32

S-p = 14.277 (0.003)

S-n = 8.080 (0.037)

S-2p = 26.630 (0.003)

S-2n = 13.816 (0.004)-----
S-alpha= 9.657 (0.003)-----

S+p = -10.287 (0.003)
S+n = -4.828 (0.003)
S+2p = -22.636 (0.002)
S+2n = -12.022 (0.003)
S+alpha = -8.837 (0.003)

gap p = 3.990 (0.004)
gap n = 3.252 (0.037)
gap 2p = 3.994 (0.004)
gap 2n = 1.793 (0.005)
gap alpha = 0.820 (0.004)