

^{82}Ge $Z = 32$ $N = 50$ [link to full NNDC output](#)

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

BE = 702.228 (0.002) MeV

Qbeta- = 4.690 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
82GE 1	0.000	0+			1 4.56 S 26
82GE 2	1.348	2+			2 0.50 PS 8
82GE 3				2.029 (4+)	3
82GE 4				2.215 (2+)	4
82GE 5				2.286 (4+)	5
82GE 6				2.333 (0+)	6
82GE 7				2.524	7
82GE 8				2.702	8
82GE 9				2.713	9
82GE 10				2.883	10
82GE 11				2.932 (5,6+)	11
82GE 12				3.014	12
82GE 13				3.227 (6+)	13
82GE 14				3.257	14
82GE 15				3.606 (6+)	15
82GE 16				3.682	16
82GE 17				4.402 (8+)	17

S-p = 15.076 (0.004)-----

S-n = 7.195 (0.003)-----

S-2p = 28.344 (0.003)-----

S-2n = 12.022 (0.003)-----

S-alpha= 10.357 (0.003)-----

S+p = -11.543 (0.004)

S+n = -3.633 (0.003)

S+2p = -25.111 (0.003)

S+2n = -8.876 (0.004)

S+alpha = -7.513 (0.003)

gap p = 3.533 (0.005)

gap n = 3.562 (0.004)

gap 2p = 3.234 (0.004)

gap 2n = 3.146 (0.005)

gap alpha = 2.844 (0.004)