

^{64}Ge $Z = 32$ $N = 32$ adopted link ENSDF link

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

BE = 545.845 (0.004) MeV

Qbeta+ = 4.517 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
64GE 1	0.000	0+			1 63.7 S 25
64GE 2	0.902	2+			2 2.29 PS 35
64GE 3				1.579 (2+)	3 5.5 PS +28-14
64GE 4	2.053	4+			4
64GE 5				2.155 (4+)	5
S-alpha= 2.566 (0.004)-----					
64GE 6				2.670 (4+)	6
64GE 7				2.970 (3-)	7
64GE 8				3.407 (6+)	8
64GE 9				3.466 (6+)	9
64GE 10				3.717 (5-)	10 16.8 PS +24-20

64GE 11				4.246 (7-)	11 29.9 PS +20-17
64GE 12				5.025	12
S-p = 5.057 (0.004)-----					
64GE 13				5.175 (8+)	13
64GE 14				5.180 (8+)	14
64GE 15				5.373 (9-)	15 2.8 PS LE
64GE 16				6.564 (11-)	16
64GE 17				6.607 (10)	17
64GE 18				7.579 (10)	18
S-2p = 7.725 (0.004)-----					
64GE 19				8.007 (13-)	19
64GE 20				8.427 (12)	20

64GE 21				9.300 (14)	21

S-p = 5.057 (0.004)-----

S-n = 15.466 (0.037)-----

S-2p = 7.725 (0.004)-----

S-2n = 28.331 (0.124)-----

S-alpha= 2.566 (0.004)-----

S+p = 0.089 (0.085)

S+n = -10.234 (0.004)

S+2p = -1.955 (0.198)

S+2n = -23.434 (0.004)

S+alpha = -2.299 (0.004)

gap p = 5.147 (0.085)
gap n = 5.231 (0.038)
gap 2p = 5.770 (0.198)
gap 2n = 4.897 (0.124)
gap alpha = 0.267 (0.005)