

^{63}Ga $Z = 31$ $N = 32$ [link to full NNDC output](#)

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

BE = 540.787 (0.001) MeV

Qbeta+ = 5.666 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2

63GA 1			0.000	3/2-	1 32.4 S 5
63GA 2			0.075	5/2-	2 25 NS AP
63GA 3				0.443	3
63GA 4				0.722	4
63GA 5			1.153	9/2-	5
63GA 6			1.422	7/2-	6
63GA 7	2.046	9/2+			7 2 NS LT
S-alpha=	2.614 (0.001)	-----			
S-p =	2.668 (0.001)	-----			
63GA 8	2.941	13/2+			8
63GA 9	4.081	17/2+			9
63GA 10				4.959	10

63GA 11				5.244	11
63GA 12	5.716	21/2+			12
63GA 13				5.853	13
63GA 14				6.251	14
63GA 15				6.502	15
63GA 16				6.985	16
63GA 17				7.655	17
63GA 18				7.711	18
63GA 19				7.914	19
63GA 20	8.411	29/2+			20

63GA 21				9.015	21
63GA 22				9.041	22
S-2p =	9.141 (0.002)	-----			
63GA 23				9.255	23
63GA 24				9.635	24
63GA 25				10.333	25
63GA 26				10.827	26
63GA 27				10.871	27
63GA 28				10.965	28
63GA 29				10.978	29
S-n =	12.632 (0.001)	-----			
63GA 30				12.738	30

63GA 31				12.831	31
63GA 32				12.834	32
63GA 33				13.040	33

S-p = 2.668 (0.001)-----
S-n = 12.632 (0.001)-----
S-2p = 9.141 (0.002)-----
S-2n = 25.555 (0.038)-----
S-alpha= 2.614 (0.001)-----

S+p = -5.057 (0.004)
S+n = -10.357 (0.002)
S+2p = -4.968 (0.085)
S+2n = -22.253 (0.002)
S+alpha = -2.465 (0.001)

gap p = -2.389 (0.004)
gap n = 2.274 (0.002)
gap 2p = 4.173 (0.085)
gap 2n = 3.302 (0.038)
gap alpha = 0.149 (0.002)