

^{63}Ga $Z = 31$ $N = 32$ adopted link ENSDF link

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

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 19/2(-)
63GA 14				6.251	14
63GA 15				6.502	15 23/2(-)
63GA 16				6.985	16 (25/2+)
63GA 17				7.655	17
63GA 18				7.711	18 27/2(-)
63GA 19				7.914	19 25/2
63GA 20	8.411	29/2+			20

63GA 21				9.015	21
63GA 22				9.041	22 31/2
S-2p =	9.141 (0.002)	-----			
63GA 23				9.255	23 (29/2)
63GA 24				9.635	24

S-p =	2.668 (0.001)	-----			
S-n =	12.631 (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 = 0.148 (0.002)