

^{166}Gd $Z = 64$ $N = 102$ [link to full NNDC output](#)

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

BE = 0.000 (0.000) MeV

	Energy	T	J+	J-	J-other	T1/2			
166GD	1		0.000	0+			1	4.8 S	10
166GD	2					0.070	(2+)	2	
166GD	3					0.231	(4+)	3	
166GD	4					0.480	(6+)	4	
166GD	5					1.240	(3+)	5	
166GD	6					1.319	(4+)	6	
166GD	7					1.350	(4+)	7	
166GD	8					1.418	(5+)	8	
166GD	9					1.455	(5+)	9	
166GD	10					1.602	(6-)	10	950 NS 60