

^{155}Yb $Z = 70$ $N = 85$ adopted link ENSDF link

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

BE = 1246.793 (0.017) MeV

Qbeta+ = 6.123 (0.019) MeV

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

S-alpha=	-5.339	(0.023)	-----		
155YB 1				0.000 (7/2-)	1 1.793 S 20
155YB 2				0.169 (9/2-)	2
155YB 3				0.666 (11/2-)	3
155YB 4				0.839 (13/2+)	4
155YB 5				0.984 (13/2-)	5
155YB 6				1.179 (15/2-)	6
155YB 7				1.528 (17/2+)	7
155YB 8				1.593 (17/2-)	8
155YB 9				1.913 (21/2-)	9
155YB 10				2.034 (21/2+)	10

155YB 11				2.494 (25/2+)	11
155YB 12				2.527 (23/2-)	12
155YB 13				2.769 (25/2-)	13
S-p	=	3.365	(0.022)	-----	
155YB 14				3.520 (29/2-)	14
155YB 15				3.741 (33/2-)	15
155YB 16				4.183 (35/2-)	16
155YB 17				4.550 (37/2)	17

S-p	=	3.365	(0.022)	-----	
S-n	=	8.642	(0.024)	-----	
S-2p	=	4.614	(0.019)	-----	
S-2n	=	19.427	(0.154)	-----	
S-alpha=	=	-5.339	(0.023)	-----	
S+p	=	-0.486	(0.057)		
S+n	=	-10.834	(0.019)		
S+2p	=	-2.927	(0.158)		
S+2n	=	-19.060	(0.020)		
S+alpha	=	5.225	(0.024)		
gap p	=	2.879	(0.061)		
gap n	=	-2.193	(0.031)		
gap 2p	=	1.687	(0.159)		
gap 2n	=	0.367	(0.155)		
gap alpha	=	-0.114	(0.033)		