

The Term Values of the $b(v) \ ^1\Pi_u$ Level of $^{15}\text{N}_2$. Values with B are averaged of all blended lines.

J	$v = 0$		$v = 1$		$v = 2$		$v = 3$	
	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+
1	100846.2	100846.4	101458.7B	101457.7	102131.5B	102131.4B	102820.3B	102820.6
2	100851.6B	100851.3	101463.8	101463.7	102136.9	102136.8	102825.5	102825.4
3	100859.5	100859.1B	101471.6	101471.5	102144.6	102145.1	102833.5	102833.4
4	100870.3	100870.2B	101482.0	101481.9	102155.2B	102155.0	102843.8B	102843.6
5	100883.7	100883.3	101495.3B	101493.7	102167.9B	102168.0	102856.6B	102856.6
6	100899.9B	100899.8	101511.1B	101510.8B	102183.4	102183.1	102872.1	102872.0
7	100918.5B	100918.7	101529.5	101529.5	102201.7	102201.4	102890.3	102891.9
8	100939.8	100940.0	101550.7	101550.7	102222.5	102222.1B	102910.8	102910.6
9	100964.3	100964.8	101574.1B	101573.3B	102245.5	102245.8B	102934.5	102934.2B
10		100991.0		101600.2B	102271.8B	102271.8	102960.5	102959.9
11					102300.2B		102988.1	102987.9B
12					102331.0B	102330.2	103019.3B	103019.0
13					102364.3B	102365.0	103052.6B	
14						102400.8	103088.1B	

J	$v = 4$		$v = 5$		$v = 6$		$v = 7$	
	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+
1	103487.6	103488.7B	104615.7B	104615.5	105236.9	105237.4	105981.1	105981.3
2	103492.7B	103493.4	104621.1	104621.0	105242.3	105242.2	105986.7B	105986.2
3	103500.8	103501.4	104629.3B	104629.0B	105249.8B	105249.9	105993.7B	105993.8
4	103511.4B	103512.0	104640.1	104640.2B	105259.6B	105260.0	106003.8	106003.8
5	103524.8B	103525.2	104653.5	104653.7B	105272.6	105272.8	106016.4	106016.5
6	103541.0B	103540.9B	104669.8B	104670.2	105287.9	105287.9	106031.6	106031.6
7	103559.6B	103559.7B	104688.5B	104689.3	105305.6	105305.7	106049.3	106049.3
8	103581.0B	103580.6B	104709.8B	104711.1	105326.0	105326.1	106069.5	106069.5
9	103605.4	103604.1B	104734.3	104735.9	105348.6	105349.0	106092.4	106092.3
10	103632.1	103630.2B	104761.6	104763.0	105374.1	105374.3	106117.7	106117.6
11	103659.3	103659.0B	104791.3	104793.3	105402.1	105402.4	106145.6	106145.4
12	103690.8	103689.5	104823.8	104826.2	105432.5	105432.8	106176.2	106176.1
13	103724.7	103723.2	104859.0	104862.1	105465.6	105465.9	106209.7	106209.1
14	103761.2	103761.6	104897.2	104900.9	105500.6	105501.4	106245.5B	106245.1
15		103801.0	104937.8	104942.4		105539.5	106283.7B	106283.6
16	103841.8	103842.1	104981.5	104987.2B		105580.3		106324.6
17	103886.1	103886.4	105027.7	105044.0B				
18	103932.7	103933.1	105076.7	105085.9B				
19		103982.4	105129.0					
20	104033.58	104034.2						
21		104088.4						

J	$v = 8$		$v = 9$		$v = 10$		$v = 11$	
	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+
1	106765.6B		107445.8	107445.4B	108152.9	108153.2	108875.0	108875.3B
2		106771.0B	107450.5	107450.6	108157.5	108157.2	108879.6	108879.6B
3	106779.0	106778.4B	107458.0	107457.6	108164.3B	108163.9	108886.3B	108886.4
4	106789.5B	106789.1	107467.0B	107466.8	108172.9B	108173.2	108894.8B	108895.3
5	106801.9	106801.9	107478.4B	107478.6	108184.2	108184.5	108906.2B	108906.5
6	106817.1B	106817.6	107492.3B	107492.2	108198.1	108198.1	108919.7	108920.1
7	106835.2	106835.4	107508.3B	107508.7	108213.9	108214.0	108935.5	108935.7
8	106855.8	106856.3	107527.0	107527.2	108232.0	108231.8	108953.7	108954.5
9	106879.3B	106880.0B	107547.9	107548.1	108252.3	108252.1		
10	106905.8B	106906.2	107571.2	107571.3	108275.0	108274.8		108997.3
11	106934.3B	106934.9B	107596.6	107596.9	108299.7	108299.7		
12	106965.5B	106967.0B	107624.4	107624.5	108326.8	108326.8		
13	107000.5		107654.7	107654.7	108356.1	108355.9		
14	107023.0B			107687.0	108383.6	108387.5		
15						108421.3		
16						108457.3		
17						108494.9		

J	$v = 12$		$v = 13$		$v = 14$		$v = 15$	
	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+	Π^-	Π^+
1	109568.9	109568.6B	110249.1B	110248.7B	110915.8B	110915.5B	111565.4B	111565.2B
2	109573.1B	109573.0B	110252.9B	110252.9B	110919.9	110919.7B	111569.6	111569.3B
3	109579.3B	109578.4	110259.5B	110260.0B	110926.2B	110926.4	111575.7B	111575.9
4	109588.1B	109588.2	110267.9B	110267.9B	110934.6B	110934.5B	111584.0B	111583.8B
5	109599.1	109598.7	110278.3B	110278.5	110944.7B	110944.8	111593.8B	111593.8
6	109612.3	109612.0	110290.4B	110291.0	110956.8B	110957.1	111605.9B	111605.9
7	109627.7	109627.9	110305.8	110305.8	110971.3B	110971.5	111620.0B	111620.1
8			110322.6	110322.6	110987.8	110988.2	111635.8B	111636.1
9			110341.7	110341.7	111006.5	111006.6	111654.1B	111654.9
10			110362.9	110362.7	111027.4	111027.2		111674.3
11			110386.0	110385.8		111049.7		111696.6
12			110411.2	110411.2		111074.4		111720.7
13				110436.5				

J	$v = 16$	
	Π^-	Π^+
1	112191.7B	112191.9
2	112196.1	112196.0
3	112202.0	112202.2
4	112210.0	112210.0B
5	112220.0B	112219.8
6	112232.1B	112231.7
7	112245.7B	112245.6
8	112261.5B	112261.3
9		112279.3
10		112298.7