$c'_m(v)$ $^1\Sigma_u^+ \leftarrow X(v)$ $^1\Sigma_g^+$ **Band of the** ^{15}**N**$_2$**. Values with B are blended lines.**

J	$c'_4(0) - X(0)$ R(J)	P(J)	$c'_4(1) - X(0)$ R(J)	P(J)	$c'_4(2) - X(0)$ R(J)	P(J)
0	104329.8		106311.0		108396.2B	
1	104333.2	104322.6	106313.7B	106304.0	108397.9B	108389.8B
2	104336.6	104318.7	106315.7B	106299.9	108397.9B	108385.1B
3	104339.6	104314.7	106317.8B	106295.1	108397.9B	108379.1B
4	104342.6	104310.5	106319.3B	106290.0	108396.2B	108372.2B
5	104345.4	104306.2	106319.3B	106284.3	108393.7	108364.3
6	104347.9	104301.8	106319.3B	106278.1	108389.8B	108355.4
7	104350.5	104297.2	106319.3B	106271.3	108385.1B	108345.4
8	104352.7	104292.4	106317.8B	106263.9	108379.1B	108334.2
9	104354.3	104287.4	106315.7B	106255.8	108372.2B	108322.1
10	104362.4B	104282.1	106313.7B	106247.1		108308.7
11	104360.1	104276.2B	106308.6	106237.6		108294.3
12	104360.9	104276.2B		106227.3		
13	104362.4B	104267.3		106215.4		
14		104260.7				
15		104254.2				
16		104247.7				
17		104240.5				
18		104233.0				
19		104225.0				
20		104216.4				

J	$c_4'(3) - X(0)$ R(J)	P(J)	$c_4'(4) - X(0)$ R(J)	P(J)	$c_4'(5) - X(0)$ R(J)	P(J)
0	110479.0B		112540.4		114499.4	
1	110481.5B	110471.9B	112542.7B	112533.1	114502.2	114492.4
2	110484.3B	110467.7	112544.8B	112529.0	114504.3	114488.2
3	110484.3B	110462.6	112546.9B	112524.0	114507.4	114483.5
4	110484.3B	110456.8	112546.9B	112518.6		114478.4
5	110484.3B	110450.8	112546.9B	112512.6		114472.7
6	110484.3B	110443.8	112546.9B	112506.1		114466.1B
7	110481.5B	110436.1	112546.9B	112499.1		114459.5B
8	110479.0B	110427.8	112544.8B	112491.6		114451.9
9	110476.0	110418.7	112542.7B	112483.3		114443.9
10	110471.9B	110408.9	112539.7	112474.5		114435.0
11	110466.3	110398.1	112530.8	112465.1		114428.5B
12		110386.1		112454.0		114420.6
13		110373.2		112438.2		114405.0
14						114395.0B
15						114381.5B
16						114367.9

J	$c_4'(6) - X(0)$ R(J)	P(J)	$c_6'(0) - X(0)$ R(J)	P(J)
0	116494.1		119944.3	
1	116496.1B	116487.4	119947.7	119936.7
2	116498.3B	116482.8	119951.2	119932.8
3	116498.3B	116477.7	119954.7	119929.1
4	116498.3B	116471.8	119958.2	119925.2
5	116498.3B	116465.2	119961.7	119921.3
6	116498.3B	116458.0	119965.2	119917.2
7	116496.1B	116450.0	119968.5	119913.4
8	116492.8	116441.5		119909.2
9	116489.8	116432.2	119975.0	119905.3
10	116486.1	116422.4		119901.7
11		116411.9		119896.8
12		116400.8		
13		116384.3		