

Observed term values of the C(0,1,2,3) $^2\Pi_r$ and B(7,10) $^2\Pi_r$ levels of NO. Values followed by B are obtained from blended lines.

The term values of B(7) and C(0) levels of NO, cm^{-1} .

J	B, F ₁		T _x :C, F ₁ → B, F ₂		T _y :C, F ₂ → B, F ₂ → C, F ₁		T _z :B, F ₂ → C(1) C, F ₂	
	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>
0.5	52345.90	52345.92			52372.71B	52372.73B		
1.5	52348.99	52349.02	52373.23	52373.23	52380.24B	52380.27B	52392.51	52392.51
2.5	52354.13	52354.18	52381.01	52381.01	52391.02	52390.86	52398.90	52398.94
3.5	52361.29	52361.35	52392.51	52392.51	52402.31B	52402.34B	52411.20	52411.00
4.5	52370.43	52370.52	52407.19	52407.19	52414.02B	52414.06B	52430.07	52429.60
5.5	52381.62	52381.67	52422.16	52422.16	52430.66	52431.02	52453.58	52452.94
6.5	52394.76	52394.84	52436.91	52436.91	52453.44	52454.06	52481.33	52480.44
7.5	52409.88	52409.99	52453.12	52453.12	52480.79	52481.65	52513.13	52511.95
8.5	52427.06B	52427.16B	52471.26	52471.26	52512.32	52513.38	52548.94	52547.47
9.5	52446.22B	52446.32B	52491.40	52491.40	52547.72	52549.15	52588.75	52586.97
10.5	52467.38	52467.49	52513.59	52513.60	52587.24	52588.96	52632.57	52630.42
11.5					52630.67B	52632.72	52680.37	52677.83
12.5			52564.23	52564.24	52678.05	52680.52	52732.14	52729.19
13.5					52729.41	52732.28	52787.91	52784.50
14.5					52784.72	52788.05	52847.64	52843.76
15.5					52843.97	52847.78	52911.36	52906.96
16.5					52907.17	52911.46	52979.05	52974.09
17.5					52974.36	52979.14	53050.71	53045.18
18.5					53045.37	53050.82	53126.29	53120.17
19.5							53205.89	53199.14

The term values of B(10) and C(1) levels of NO, cm⁻¹.

J	C(1) F ₁ → B(10) F ₁		C(1) F ₂ → B(10) F ₂		B(10) F ₁ → C(1) F ₁		B(10) F ₂ → C(1) F ₂	
	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>	<i>e</i>	<i>f</i>
0.5	54690.00	54690.01			55090.44	55090.46		
1.5	54692.61	54692.63	54699.33	54699.35	55093.50	55093.53	55138.50	55138.50
2.5	54700.18	54700.19	54711.12	54711.12	55098.52	55098.55	55143.61	55143.61
3.5	54711.66	54711.70	54726.85	54726.54	55105.50	55105.55	55150.84	55150.84
4.5	54727.07	54727.08	54746.28	54745.82	55114.49	55114.55	55160.11	55160.11
5.5	54746.19	54746.66	54769.60	54768.94	55125.52	55125.59	55171.71	55171.71
6.5	54769.24	54769.88	54796.77	54795.88	55138.52	55138.60	55185.27	55185.27
7.5	54796.18	54797.02	54827.78	54826.64	55153.54	55153.63	55200.90	55200.91
8.5	54826.92	54828.00	54862.63	54861.22	55170.71	55170.81	55218.67	55218.67
9.5	54861.45	54862.82	54901.28	54899.58	55189.65	55189.76	55238.66	55238.67
10.5	54899.81	54901.47	54943.74	54941.71	55210.76	55210.88	55260.54	55260.55
11.5	54941.93	54943.91	54989.96	54987.56	55233.77	55233.89	55284.76	55284.76
12.5	54987.76	54990.09	55039.84	55037.08				
13.5	55037.26	55039.98	55093.32	55090.18				
14.5	55090.36	55093.44	55150.25	55146.73				
15.5	55146.90	55150.38	55210.31	55206.48	55349.83	55350.00		
16.5	55206.65	55210.46	55273.20	55269.04	55385.33	55385.51	55441.86	55440.81
17.5	55269.16	55273.25	55337.70	55333.63	55424.43	55424.62	55481.04	55480.18
18.5	55333.72	55337.88	55402.67	55398.79	55468.19	55468.39	55526.02	55524.50
19.5	55398.78	55403.22	55465.43	55462.66	55517.79	55518.54	55578.13	55575.47
20.5	55461.95		55525.58	55523.47	55573.65	55575.60	55640.36	55635.84
21.5	55520.96	55522.93			55636.21	55640.03	55713.33	55706.87
22.5	55575.88	55577.49			55707.39	55713.46	55795.22	55787.53
23.5	55628.74	55630.13			55787.85	55795.34	55883.94	55875.07
24.5					55875.29	55883.97	55978.09	55968.37
25.5					55968.57	55978.19	56077.07	56066.28
26.5					56066.74	56077.10	56180.38	56168.67
27.5					56168.94	56180.45	56287.78	56275.23
28.5					56275.43	56287.84		
29.5					56385.91	56399.15		
30.5						56514.17		

The term values of C(2) and C(3) levels of NO, cm⁻¹.

J	C(2)				C(3)			
	F _{1e}	F _{1f}	F _{2e}	F _{2f}	F _{1e}	F _{1f}	F _{2e}	F _{2f}
0.5	57068.96B	57068.96B			59207.16	59207.19		
1.5	57073.28b	57073.28B	57096.43B	57096.44B	59211.03	59211.06	59243.26	59243.26
2.5	57080.47B	57080.51B	57104.36B	57104.37B	59217.46	59217.50	59250.37	59250.37
3.5	57090.63B	57090.68B	57115.52B	57115.54B	59226.41	59226.46	59260.36	59260.36
4.5	57103.75B	57103.81B	57129.94B	57129.95B	59237.94B	59238.00B	59273.11	59273.11
5.5	57119.88B	57119.95B	57147.66B	57147.59B	59252.05	59252.12	59288.61	59288.62
6.5	57139.03	57139.24	57168.90	57168.51	59268.64	59268.72	59306.77	59306.77
7.5	57161.41	57161.76	57193.43	57192.84	59287.68	59287.77	59327.51	59327.51
8.5	57186.82	57187.37B	57221.45	57220.62	59309.16	59309.26	59351.06	59350.78
9.5	57215.60	57216.30	57252.96	57251.89	59333.00	59333.12	59376.87	59376.45
10.5	57247.70	57248.78	57288.06	57286.68	59359.16	59359.28	59405.03	59404.63
11.5	57283.22	57284.51	57326.70	57325.07	59387.53	59387.66	59435.52	59435.05
12.5	57322.16	57323.77	57369.05	57366.98	59418.09	59418.24	59468.16	59467.63
13.5	57364.58	57366.55	57414.99	57413.08	59450.72	59450.87	59502.89	59502.26
14.5	57410.56B	57412.89B	57464.42	57461.90	59485.35	59485.21	59539.61	59538.91
15.5	57460.13	57462.59	57518.16	57514.56	59521.88	59522.05	59578.27	59577.62
16.5	57513.03	57516.53	57574.47	57570.78	59560.29	59560.66		
17.5	57569.40B	57573.42B	57634.57	57631.13	59600.52	59600.86	59660.69	59660.11
18.5	57629.17	57633.02	57697.74	57693.52			59704.31	59703.90
19.5	57692.21	57696.42	57764.16	57759.61B				
20.5	57758.26	57762.83	57833.18B	57828.41				
21.5	57827.24B	57832.01						

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