

Observed term values of the B(6,9,11,12,14)  $^2\Pi_r$  evels of NO. Values followed by B are obtained from blended lines. The term values for the B(7) and B(10) levels are listed in the table for the C(0) and C(1) levels, respectively.

J	$B(6) \ ^2\Pi_r$				$B(9) \ ^2\Pi_r$			
	F <sub>1e</sub>	F <sub>1f</sub>	F <sub>2e</sub>	F <sub>2f</sub>	F <sub>1e</sub>	F <sub>1f</sub>	F <sub>2e</sub>	F <sub>2f</sub>
0.5	51406.48	51406.49			54183.47	54183.48		
1.5	51409.53	51409.54	51448.23	51448.23	54186.42	54186.44	54229.80	54229.81
2.5	51414.60	51414.61	51453.61	51453.61	54191.40	54191.43	54235.04	54235.04
3.5	51421.68	51421.73	51461.08	51461.08	54198.33	54198.38	54242.33	54242.33
4.5	51430.82	51430.87	51470.71	51470.71	54207.26	54207.30	54251.71	54251.71
5.5	51441.95	51442.11	51482.49	51482.50	54218.15	54218.23	54263.21	54263.21
6.5	51455.10	51455.32	51496.39	51496.39	54231.02	54231.10	54276.68	54276.68
7.5	51470.34	51470.56	51512.43	51512.43	54245.85	54245.94	54292.26	54292.27
8.5	51487.56	51487.81	51530.58	51530.59	54262.71	54262.80	54309.92	54309.92
9.5	51506.87	51507.18	51550.82	51550.83	54281.60	54281.71	54329.68	54329.69
10.5	51528.21	51528.50	51573.23	51573.23	54302.45	54302.57	54351.35	54351.35
11.5	51551.64	51551.95	51597.77	51597.78	54325.25	54325.57	54375.20	54375.21
12.5	51577.02	51577.38	51624.35	51624.36	54350.06	54350.40	54401.06	54401.06
13.5	51604.49	51604.87	51653.12	51653.13	54376.80	54377.20	54428.94	54428.96
14.5	51633.99	51634.45	51683.94	51683.95	54405.54	54405.95	54458.86	54458.87
15.5	51665.60	51665.99	51716.90	51716.91	54436.27	54436.71	54490.83	54490.85
16.5	51699.18	51699.68	51751.89	51751.91	54468.96	54469.41	54524.85	54524.87
17.5	51734.85	51735.37	51789.01	51789.03	54503.65	54504.12	54560.77	54560.80
18.5			51828.20	51828.22	54540.32	54540.80	54598.71	54598.74
19.5					54578.95	54579.46	54638.82	54638.85
20.5					54619.53	54620.08	54680.95	54680.98
21.5					54662.11	54662.67	54725.00	54725.03
22.5					54706.72	54707.30	54770.92	
23.5					54753.25	54753.76		
24.5					54801.74	54802.37		

J	$B(11) \ ^2\Pi_r$				$B(12) \ ^2\Pi_r$			
J	$F_{1e}$	$F_{1f}$	$F_{2e}$	$F_{2f}$	$F_{1e}$	$F_{1f}$	$F_{2e}$	$F_{2f}$
0.5	55960.273	55960.279			56739.23	56739.24		
1.5	55963.251	55963.259	56009.290	56009.290	56742.91	56742.93	56774.37	56774.37
2.5	55968.167	55968.202	56014.399	56014.399	56749.00	56749.04	56781.26	56781.26
3.5	55975.073	55975.120	56021.648	56021.648	56757.54	56757.58	56790.88	56790.88
4.5	55983.993	55984.051	56030.993	56030.993	56768.44	56768.50	56802.98B	56802.98B
5.5	55994.863	55994.933	56042.377	56042.378	56781.70	56781.77	56817.87	56817.88
6.5	56007.697	56007.778	56055.805	56055.806	56797.30	56797.38	56835.12	56835.12
7.5	56022.525	56022.617	56071.266B	56071.268B	56815.17	56815.26	56854.76	56854.76
8.5	56039.307	56039.410	56088.876	56088.881	56835.24	56835.34	56876.68	56876.68
9.5	56058.073	56058.186	56108.483	56108.490	56857.52B	56857.63B	56900.81	56900.81
10.5	56078.790	56078.914	56130.088	56130.096	56881.76	56881.89	56927.02	56927.03
11.5	56101.487	56101.621	56153.810	56153.821	56908.08	56908.22	56955.26	56955.26
12.5	56126.161	56126.305	56179.472	56179.484	56936.36	56936.50	56985.43	56985.44
13.5	56152.761	56153.040	56207.255	56207.266	56966.53	56966.68	57017.51	57017.52
14.5	56181.343	56181.652	56236.895	56236.907	56998.55	56998.71	57051.36	57051.37
15.5	56211.915	56212.164	56268.560	56268.576	57032.39	57032.57	57086.98	57087.00
16.5	56244.404	56244.834	56301.807	56301.826	57067.98	57068.16	57124.36	57124.38
17.5	56278.849	56279.319			57105.36	57105.55	57163.49	57163.52
18.5					57144.44	57144.64	57204.25	57204.28
19.5					57185.23	57185.43	57246.60	57246.64
20.5					57227.77	57227.98	57290.85	57290.89
21.5					57272.03	57272.25		

J		$B(14) \ ^2\Pi_r$		
J	$F_{1e}$	$F_{1f}$	$F_{2e}$	$F_{2f}$
0.5	58538.97	58538.97		
1.5	58542.00	58542.03	58590.62	58590.62
2.5	58547.05	58547.10	58595.97	58595.97
3.5	58554.15	58554.19	58603.45	58603.45
4.5	58563.26	58563.32	58613.04	58613.04
5.5	58574.40	58574.48	58624.74	58624.74
6.5	58587.54	58587.63	58638.54	58638.54
7.5	58602.72	58602.81	58654.40	58654.41
8.5	58619.81	58619.92	58672.38	58672.38
9.5	58638.97	58639.08	58692.41	58692.42
10.5	58660.05	58660.13	58714.48	58714.49
11.5	58683.17	58683.30	58738.59	58738.60
12.5	58708.37	58708.50	58764.73	58764.74
13.5	58735.30	58735.44	58792.85	58792.87
14.5	58764.35B	58764.51B	58823.02	58823.03
15.5	58795.27	58795.45	58855.13	58855.15
16.5	58828.17B	58828.35B	58889.26	58889.28
17.5	58863.11	58863.31	58925.34	58925.35
18.5	58899.75	58899.95	58963.45	58963.48
19.5	58938.95B	58939.16B	59003.52	59003.55
20.5			59045.37B	59045.40

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