Supplementary material S1

Line list of transitions of the ν_1 fundamental band of chlorine dioxide ($^{16}O^{35}Cl^{16}O$).

Electronic supplementary material to:

High resolution ro–vibrational analysis of molecules in doublet electronic states: The ν_1 fundamental of chlorine dioxide ($^{16}O^{35}Cl^{16}O$) in the X^2B_1 electronic ground state

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[a)] Quantum numbers of the upper vibrational state denoted with a single prime ($'$); $J' = N' + 1/2$ is denoted as "+", $J = N - 1/2$ is denoted as "−".

[b)] Quantum numbers of the ground vibrational state denoted with a double prime ($''$); $J'' = N'' + 1/2$ is denoted as "+", $J = N - 1/2$ is denoted as "−".

[c)] Experimental line position (in cm^{-1}).

[d)] Transmittance (in %): spectrum II.

[e)] Difference between experimental and calculated line position (in $10^{-4}cm^{-1}$).

[f)] Energy of the ground vibrational state $E/(hc)$(in cm^{-1}).

[g)] Number of spectrum (see Table 1).

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
2	1	2	+	3	2	1	+	939.38465	94.7	-8	9.36821	II
2	1	2	+	3	0	3	+	945.10671	92.6	3	3.64723	II
2	2	1	+	1	1	0	+	951.05109	90.7	-1	2.05551	II
2	2	1	+	3	3	0	+	936.61478	85.6	1	16.49196	II
2	1	2	+	1	0	1	+	948.14580	92.0	4	0.60823	II
3	1	2	+	3	0	3	+	947.16193	88.5	6	3.64723	II
3	0	3	+	3	1	2	+	943.97762	83.2	2	5.23954	II
3	1	2	+	3	2	1	+	941.44034	91.3	0	9.36821	II
3	0	3	+	2	1	2	+	946.04467	88.4	-1	3.17221	II
3	2	1	+	4	3	2	+	935.99538	86.2	1	18.94273	II
3	0	3	+	4	1	4	+	941.96628	90.7	-1	7.25060	II
3	0	3	−	3	1	2	−	943.95772	95.0	-1	5.27115	II
3	2	1	−	4	3	2	−	935.95553	89.0	1	19.04696	II
3	2	1	−	3	1	2	−	949.73107	93.5	-2	5.27115	II
3	2	1	+	3	1	2	+	949.69851	92.3	0	5.23954	II
3	1	2	+	4	2	3	+	939.00673	91.8	5	11.80226	II
3	2	1	−	2	1	2	−	951.80704	95.1	-6	3.19471	II
3	2	1	+	4	1	4	+	947.68817	98.8	8	7.25060	II
3	1	2	+	2	2	1	+	943.28276	98.9	-3	7.52544	II
4	1	4	+	4	2	3	+	941.00329	92.9	-8	11.80226	II
4	3	2	+	5	4	1	+	932.51009	82.5	1	31.98768	II
4	3	2	−	3	2	1	−	955.17056	88.0	-1	9.43207	II
4	4	1	−	3	3	0	−	958.03431	86.1	-1	16.61734	II
4	3	2	−	4	2	3	−	952.74542	95.1	3	11.85757	II
4	1	4	−	4	2	3	−	940.96544	95.7	-8	11.85757	II
4	2	3	+	5	1	4	+	946.39863	92.6	4	10.95874	II
4	4	1	−	5	5	0	−	929.61653	78.7	0	45.03526	II
4	2	3	+	5	3	2	+	935.35382	85.8	0	22.00316	II
4	3	2	+	4	4	1	+	935.57318	96.5	1	28.92455	II
4	2	3	−	4	3	2	−	938.36545	95.0	-4	19.04696	II
4	3	2	−	5	4	1	−	932.46787	80.0	-2	32.13463	II
4	2	3	+	4	3	2	+	938.41423	92.8	0	18.94273	II
4	2	3	+	3	3	0	+	940.86513	99.6	1	16.49196	II
4	2	3	+	3	1	2	+	952.11749	90.9	0	5.23954	II
4	4	1	+	4	3	2	+	955.53794	95.4	9	18.94273	II
4	1	4	+	5	2	3	+	937.90396	94.4	-5	14.90189	II
4	4	1	+	3	3	0	+	957.98836	69.4	5	16.49196	II
4	4	1	+	5	5	0	+	929.66092	69.0	0	44.81887	II
4	3	2	+	4	2	3	+	952.69522	91.2	-2	11.80226	II
4	1	4	+	3	0	3	+	949.15906	89.0	-1	3.64723	II
4	3	2	−	5	2	3	−	949.64725	98.5	2	14.95571	II
4	1	4	−	5	0	5	−	943.71729	83.6	-5	9.10593	II
4	1	4	+	5	0	5	+	943.71729	83.6	-1	9.08892	II
4	1	4	−	3	0	3	−	949.16360	89.1	-11	3.65901	II
4	4	1	−	4	3	2	−	955.60499	97.8	2	19.04696	II
5	4	1	−	6	3	4	−	951.91481	96.1	4	25.75763	II
5	2	3	+	6	3	4	+	934.76433	85.5	0	25.67295	II
5	4	1	−	5	3	2	−	955.57695	94.2	1	22.09521	II
5	5	0	−	6	6	1	−	926.14315	80.1	1	64.43038	II
5	3	2	+	5	2	3	+	952.63736	86.8	1	14.90189	II
5	0	5	+	5	1	4	+	943.66546	86.6	-7	10.95874	II
5	3	2	+	6	2	5	+	949.03671	71.8	11	18.50352	II
5	4	1	+	6	5	2	+	929.02999	77.3	0	48.49405	II
5	3	2	−	4	4	1	−	938.53729	97.8	6	29.09527	II
5	2	3	−	6	3	4	−	934.73413	86.8	1	25.75763	II
5	0	5	−	6	1	6	−	940.97995	78.9	1	13.66231	II
5	4	1	−	6	5	2	−	928.98725	80.2	0	48.68482	II
5	2	3	−	4	1	4	−	953.22318	94.6	-6	7.26787	II
5	3	2	+	6	4	3	+	931.87968	77.8	1	35.65952	II
5	3	2	−	6	4	3	−	931.84105	83.5	0	35.79091	II
5	4	1	−	5	5	0	−	932.63665	97.1	-2	45.03526	II
5	3	2	−	5	2	3	−	952.67613	89.7	-1	14.95571	II
5	5	0	−	5	4	1	−	958.43908	97.1	3	32.13463	II
5	5	0	+	6	6	1	+	926.18752	76.6	1	64.16813	II
5	0	5	+	6	1	6	+	940.97995	78.9	4	13.64537	II
5	3	2	+	5	4	1	+	935.55137	91.4	-1	31.98768	II
5	2	3	−	4	3	2	−	941.44376	67.6	-9	19.04696	II
5	2	3	+	4	3	2	+	941.49437	93.9	-1	18.94273	II
5	0	5	+	4	1	4	+	947.37451	84.1	2	7.25060	II
5	4	1	−	4	3	2	−	958.62506	84.9	0	19.04696	II
5	0	5	−	4	1	4	−	947.37451	84.1	2	7.26787	II
5	1	4	+	5	0	5	+	947.40430	85.5	5	9.08892	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
5	1	4	+	4	2	3	+	944.69113	96.3	7	11.80226	II
5	1	4	+	5	2	3	+	941.59084	85.8	0	14.90189	II
5	4	1	+	5	5	0	+	932.70502	96.3	-1	44.81887	II
5	3	2	−	5	4	1	−	935.49732	93.3	0	32.13463	II
5	5	0	+	5	4	1	+	958.36683	95.7	-10	31.98768	II
5	4	1	+	5	3	2	+	955.52066	91.7	-2	22.00316	II
5	4	1	+	6	3	4	+	951.85056	99.1	-5	25.67295	II
5	5	0	−	4	4	1	−	961.47813	82.5	-1	29.09527	II
5	2	3	−	5	1	4	−	949.49462	82.5	-11	10.99590	II
5	3	2	+	4	2	3	+	955.73677	85.5	-1	11.80226	II
5	5	0	+	6	4	3	+	954.69577	99.6	-2	35.65952	II
5	5	0	+	4	4	1	+	961.43091	79.0	-1	28.92455	II
5	3	2	−	6	2	5	−	949.07848	94.0	-2	18.55325	II
5	2	3	+	5	3	2	+	938.43416	87.2	1	22.00316	II
5	2	3	−	5	3	2	−	938.39644	90.1	0	22.09521	II
6	3	4	+	5	2	3	+	956.28418	83.9	0	14.90189	II
6	5	2	−	7	6	1	−	925.50966	80.1	1	68.69056	II
6	4	3	+	7	5	2	+	928.39528	79.6	1	52.77790	II
6	5	2	+	6	6	1	+	929.83989	96.2	1	64.16813	II
6	3	4	−	5	4	1	−	939.13668	97.3	-3	32.13463	II
6	6	1	−	6	5	2	−	961.26172	96.5	2	48.68482	II
6	5	2	+	5	4	1	+	962.02011	78.4	-1	31.98768	II
6	3	4	+	6	2	5	+	952.68266	86.9	1	18.50352	II
6	6	1	−	7	7	0	−	922.67420	77.6	1	87.27224	II
6	3	4	−	7	2	5	−	948.27122	97.2	0	23.00038	II
6	4	3	−	7	3	4	−	951.26278	77.1	-10	30.04169	II
6	6	1	+	5	5	0	+	964.86329	76.8	-1	44.81887	II
6	1	6	−	5	0	5	−	950.07158	76.6	-4	9.10593	II
6	1	6	+	5	0	5	+	950.07158	76.6	-3	9.08892	II
6	4	3	−	5	3	2	−	959.21019	85.0	-1	22.09521	II
6	4	3	+	6	3	4	+	955.49988	84.9	-2	25.67295	II
6	2	5	+	5	1	4	+	953.05813	50.9	2	10.95874	II
6	3	4	−	5	2	3	−	956.31568	86.6	-2	14.95571	II
6	6	1	+	7	7	0	+	922.71841	75.4	2	86.96401	II
6	2	5	−	5	1	4	−	953.07026	94.1	-8	10.99590	II
6	1	6	−	7	0	7	−	942.27477	84.7	-1	16.90305	II
6	5	2	+	7	6	1	+	925.55256	71.1	-1	68.45530	II
6	5	2	−	6	4	3	−	958.40928	94.5	1	35.79091	II
6	3	4	+	7	2	5	+	948.24112	95.9	1	22.94513	II
6	2	5	−	6	1	6	−	950.40472	91.3	1	13.66231	II
6	3	4	−	7	4	3	−	931.20903	84.0	2	40.06270	II
6	2	5	+	6	3	4	+	938.34370	86.4	0	25.67295	II
6	5	2	−	6	6	1	−	929.76999	88.2	2	64.43038	II
6	4	3	−	6	3	4	−	955.54787	89.8	0	25.75763	II
6	2	5	−	5	3	2	−	941.97150	98.2	-2	22.09521	II
6	2	5	+	5	3	2	+	942.01328	97.8	-2	22.00316	II
6	3	4	+	6	4	3	+	935.52660	88.1	0	35.65952	II
6	4	3	+	7	3	4	+	951.21191	98.5	-1	29.96109	II
6	2	5	−	6	3	4	−	938.30932	88.0	0	25.75763	II
6	2	5	+	7	1	6	+	944.81644	94.7	-1	19.20013	II
6	4	3	−	7	5	2	−	928.35511	82.3	1	52.95055	II
6	4	3	+	5	3	2	+	959.16981	82.1	-1	22.00316	II
6	1	6	+	6	2	5	+	940.65670	92.5	-6	18.50352	II
6	5	2	−	5	4	1	−	962.06541	81.9	-1	32.13463	II
6	3	4	−	6	2	5	−	952.71840	89.2	1	18.55325	II
6	1	6	+	7	0	7	+	942.27810	81.6	-1	16.88261	II
6	3	4	−	6	4	3	−	935.48074	90.4	1	35.79091	II
6	4	3	−	6	5	2	−	932.62045	81.1	-2	48.68482	II
6	3	4	+	7	4	3	+	931.24442	81.0	1	39.94181	II
6	6	1	−	5	5	0	−	964.91105	80.8	-1	45.03526	II
6	2	5	−	7	3	4	−	934.02531	88.5	1	30.04169	II
6	4	3	+	6	5	2	+	932.67896	92.8	0	48.49405	II
6	2	5	+	7	3	4	+	934.05554	85.7	0	29.96109	II
6	2	5	+	6	1	6	+	950.37201	90.5	7	13.64537	II
6	5	2	+	6	4	3	+	958.34835	92.9	-1	35.65952	II
7	0	7	+	6	1	6	+	948.72502	81.7	0	13.64537	II
7	3	4	−	6	2	5	−	956.97548	86.8	-2	18.55325	II
7	7	0	−	8	6	3	−	959.19549	94.6	-2	73.56634	II
7	1	6	+	6	2	5	+	946.18045	94.7	3	18.50352	II
7	2	5	+	6	1	6	+	954.78527	95.9	3	13.64537	II
7	4	3	+	8	3	6	+	950.57789	65.1	5	34.85133	II
7	5	2	−	7	6	1	−	929.74796	89.2	-7	68.69056	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
7	4	3	+	7	5	2	+	932.65091	89.5	1	52.77790	II
7	0	7	+	7	1	6	+	943.16944	86.7	-8	19.20013	II
7	1	6	+	7	0	7	+	947.80198	86.2	9	16.88261	II
7	4	3	+	7	3	4	+	955.46765	86.0	0	29.96109	II
7	6	1	−	7	7	0	−	926.90852	88.5	9	87.27224	II
7	3	4	+	8	2	7	+	947.82583	87.5	5	27.62219	II
7	5	2	+	8	4	5	+	953.43005	98.0	5	44.83561	II
7	3	4	−	6	4	3	−	939.73805	98.4	0	35.79091	II
7	1	6	+	8	2	7	+	937.06236	90.7	9	27.62219	II
7	5	2	−	7	4	3	−	958.37653	90.8	0	40.06270	II
7	3	4	−	7	4	3	−	935.46637	84.8	1	40.06270	II
7	2	5	+	8	3	6	+	933.57910	84.7	1	34.85133	II
7	3	4	+	7	4	3	+	935.50587	84.5	1	39.94181	II
7	0	7	−	8	1	8	−	940.03039	83.6	5	22.36126	II
7	3	4	−	8	4	5	−	930.57988	83.3	2	44.94932	II
7	4	3	−	6	3	4	−	959.79296	83.1	-1	25.75763	II
7	2	5	−	7	3	4	−	938.44472	83.1	2	30.04169	II
7	4	3	−	8	5	4	−	927.71951	82.4	1	57.83127	II
7	7	0	+	8	8	1	+	919.25500	69.0	1	113.19670	II
7	2	5	+	7	3	4	+	938.46929	82.2	1	29.96109	II
7	5	2	+	6	6	1	+	934.09746	92.5	4	64.16813	II
7	6	1	+	7	7	0	+	926.97881	95.8	0	86.96401	II
7	6	1	−	8	5	4	−	956.34873	99.1	2	57.83127	II
7	2	5	+	6	3	4	+	942.75743	95.1	1	25.67295	II
7	4	3	−	7	3	4	−	955.50897	81.7	0	30.04169	II
7	2	5	−	6	3	4	−	942.72849	96.3	-1	25.75763	II
7	2	5	−	7	1	6	−	949.24140	81.3	0	19.24482	II
7	5	2	+	7	6	1	+	929.80993	92.7	1	68.45530	II
7	3	4	+	7	2	5	+	952.50277	53.2	3	22.94513	II
7	0	7	−	6	1	6	−	948.72881	81.0	0	13.66231	II
7	5	2	−	6	4	3	−	962.64821	80.8	-1	35.79091	II
7	0	7	+	8	1	8	+	940.02699	80.5	2	22.34364	II
7	4	3	+	8	5	4	+	927.75708	80.3	1	57.67174	II
7	3	4	+	8	4	5	+	930.61200	80.3	0	44.83561	II
7	7	0	+	7	6	1	+	963.99578	55.3	-5	68.45530	II
7	4	3	+	6	3	4	+	959.75573	80.2	-1	25.67295	II
7	4	3	+	6	5	2	+	936.93476	99.1	1	48.49405	II
7	3	4	+	6	2	5	+	956.94478	79.8	7	18.50352	II
7	3	4	+	6	4	3	+	939.78831	93.1	3	35.65952	II
7	5	2	+	6	4	3	+	962.60553	79.2	-1	35.65952	II
7	5	2	−	8	6	3	−	924.87302	78.8	2	73.56634	II
7	7	0	−	6	6	1	−	968.33152	78.5	-1	64.43038	II
7	2	5	−	8	3	6	−	933.55710	87.3	1	34.92924	II
7	2	5	+	7	1	6	+	949.23013	77.9	0	19.20013	II
7	5	2	+	8	6	3	+	924.91409	77.8	1	73.35120	II
7	6	1	−	8	7	2	−	922.03660	77.7	2	92.14339	II
7	7	0	−	8	8	1	−	919.21111	77.2	1	113.55098	II
7	6	1	−	7	5	2	−	961.22951	93.8	2	52.95055	II
7	6	1	+	8	7	2	+	922.07972	76.6	1	91.86322	II
7	6	1	+	6	5	2	+	965.44871	75.7	-1	48.49405	II
7	1	6	+	7	2	5	+	941.73848	75.6	0	22.94513	II
7	7	0	+	6	6	1	+	968.28336	74.8	-1	64.16813	II
7	3	4	−	7	2	5	−	952.52808	73.8	-5	23.00038	II
7	6	1	−	6	5	2	−	965.49433	71.9	-7	48.68482	II
8	8	1	−	7	7	0	−	971.73809	77.5	-1	87.27224	II
8	6	3	−	8	5	4	−	961.19348	88.6	-4	57.83127	II
8	5	4	−	8	4	5	−	958.33999	88.4	-1	44.94932	II
8	5	4	+	8	4	5	+	958.29294	87.7	0	44.83561	II
8	7	2	+	9	6	3	+	958.46423	98.6	8	78.85692	II
8	8	1	−	9	7	2	−	961.37960	96.2	-11	97.62972	II
8	2	7	+	7	3	4	+	943.11763	88.0	0	29.96109	II
8	3	6	−	7	4	3	−	940.32323	95.1	-2	40.06270	II
8	8	1	−	8	7	2	−	966.86697	94.9	0	92.14339	II
8	5	4	−	7	6	1	−	934.59932	99.6	4	68.69056	II
8	7	2	+	8	8	1	+	924.12384	96.5	2	113.19670	II
8	7	2	−	8	6	3	−	964.03624	94.8	0	73.56634	II
8	4	5	−	9	3	6	−	949.94413	96.5	-1	40.46265	II
8	4	5	−	7	3	4	−	960.36480	66.6	-4	30.04169	II
8	3	6	−	9	2	7	−	946.77812	95.5	1	33.60817	II
8	3	6	−	9	4	5	−	929.93472	72.4	1	50.45159	II
8	7	2	+	9	8	1	+	918.61237	73.1	1	118.70808	II
8	7	2	−	9	6	3	−	958.54563	94.2	-2	79.05676	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
8	6	3	+	9	7	2	+	921.43722	73.8	2	97.37128	II
8	5	4	−	9	6	3	−	924.23300	73.9	3	79.05676	II
8	2	7	+	7	1	6	+	953.87800	74.0	-6	19.20013	II
8	8	1	−	9	9	0	−	915.75520	74.0	1	143.25534	II
8	8	1	+	9	9	0	+	915.79882	74.3	1	142.85495	II
8	5	4	+	7	4	3	+	963.18680	74.8	0	39.94181	II
8	8	1	+	7	7	0	+	971.68959	75.1	0	86.96401	II
8	1	8	+	7	0	7	+	950.92154	75.4	-1	16.88261	II
8	4	5	+	9	3	6	+	949.90713	96.9	-1	40.38490	II
8	3	6	+	7	4	3	+	940.36597	95.9	4	39.94181	II
8	7	2	+	7	6	1	+	968.86500	76.2	-1	68.45530	II
8	1	8	+	9	0	9	+	940.83635	76.3	0	26.96789	II
8	4	5	+	7	5	2	+	937.51379	97.0	-4	52.77790	II
8	3	6	+	9	2	7	+	946.76085	93.7	-1	33.54645	II
8	6	3	+	7	5	2	+	966.03032	77.3	-1	52.77790	II
8	6	3	−	7	5	2	−	966.07447	77.4	-1	52.95055	II
8	7	2	−	7	6	1	−	968.91189	77.4	-1	68.69056	II
8	4	5	+	7	3	4	+	960.33086	80.1	-2	29.96109	II
8	7	2	−	9	8	1	−	918.56920	77.8	1	119.03347	II
8	5	4	+	9	6	3	+	924.27179	77.9	1	78.85692	II
8	1	8	−	7	0	7	−	950.91820	78.7	-8	16.90305	II
8	6	3	−	9	7	2	−	921.39550	78.8	1	97.62972	II
8	2	7	+	8	1	8	+	950.73597	79.4	9	22.34364	II
8	1	8	−	9	0	9	−	940.83225	79.6	0	26.98980	II
8	4	5	+	9	5	4	+	927.11561	79.7	1	63.17660	II
8	4	5	−	9	5	4	−	927.08051	80.1	1	63.32649	II
8	3	6	+	9	4	5	+	929.96480	80.5	1	50.34270	II
8	5	4	−	7	4	3	−	963.22663	80.6	-1	40.06270	II
8	3	6	+	7	2	5	+	957.36208	81.1	-2	22.94513	II
8	4	5	+	8	5	4	+	932.62045	81.1	1	57.67174	II
8	2	7	+	8	3	6	+	938.22728	81.4	-1	34.85133	II
8	6	3	+	8	7	2	+	926.94500	92.7	-1	91.86322	II
8	1	8	−	9	2	7	−	934.21341	97.6	-5	33.60817	II
8	6	3	+	9	5	4	+	955.63190	99.1	2	63.17660	II
8	3	6	+	8	4	5	+	935.47186	82.1	0	44.83561	II
8	3	6	+	8	2	7	+	952.68535	82.2	1	27.62219	II
8	3	6	−	8	4	5	−	935.43686	84.1	0	44.94932	II
8	4	5	+	8	3	6	+	955.44075	84.4	0	34.85133	II
8	5	4	+	9	4	5	+	952.78588	85.0	0	50.34270	II
8	4	5	−	8	3	6	−	955.47764	85.1	0	34.92924	II
8	5	4	−	8	6	3	−	929.72326	90.8	2	73.56634	II
8	3	6	−	8	2	7	−	952.71454	85.3	0	27.67161	II
8	4	5	−	7	5	2	−	937.45632	98.8	0	52.95055	II
8	1	8	+	8	2	7	+	940.18167	90.6	-4	27.62219	II
8	2	7	+	9	1	8	+	943.13886	90.6	-9	29.93898	II
8	5	4	+	8	6	3	+	929.77730	85.4	-1	73.35120	II
8	6	3	+	8	5	4	+	961.13650	90.6	-1	57.67174	II
8	1	8	+	7	2	5	+	944.85888	98.1	-3	22.94513	II
8	1	8	+	9	2	7	+	934.25836	95.1	5	33.54645	II
8	2	7	+	9	3	6	+	932.69373	86.1	-1	40.38490	II
8	4	5	−	8	5	4	−	932.57568	86.7	1	57.83127	II
8	3	6	−	7	2	5	−	957.38564	86.8	-1	23.00038	II
8	8	1	+	8	7	2	+	966.79004	95.1	-4	91.86322	II
9	7	2	−	8	6	3	−	969.48803	79.3	-2	73.56634	II
9	3	6	−	10	2	9	−	946.69007	96.1	1	39.19513	II
9	4	5	−	9	3	6	−	955.41215	83.6	-1	40.46265	II
9	6	3	+	8	7	2	+	932.41579	87.7	-7	91.86322	II
9	5	4	+	9	4	5	+	958.25639	84.5	-1	50.34270	II
9	4	5	+	9	5	4	+	932.58838	84.1	1	63.17660	II
9	6	3	+	9	5	4	+	961.10307	88.3	-1	63.17660	II
9	1	8	+	9	2	7	+	941.81052	68.4	0	33.54645	II
9	7	2	+	9	6	3	+	963.93719	91.2	0	78.85692	II
9	0	9	+	8	1	8	+	950.04972	73.7	-1	22.34364	II
9	7	2	+	10	6	5	+	957.82052	99.4	-3	84.97329	II
9	2	7	+	9	1	8	+	949.02638	67.4	-1	29.93898	II
9	9	0	+	10	10	1	+	912.35087	74.7	1	175.92614	II
9	6	3	−	8	5	4	−	966.64963	75.0	-3	57.83127	II
9	0	9	+	10	1	10	+	939.06384	75.0	0	33.32964	II
9	1	8	+	8	2	7	+	947.73534	89.3	6	27.62219	II
9	7	2	+	8	6	3	+	969.44273	75.1	-2	73.35120	II
9	3	6	+	8	4	5	+	940.97055	88.6	-3	44.83561	II
9	2	7	+	8	3	6	+	944.11400	94.0	-1	34.85133	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
9	8	1	+	10	9	2	+	915.15208	75.3	1	148.97870	II
9	8	1	+	8	7	2	+	972.26740	75.4	0	91.86322	II
9	9	0	+	8	8	1	+	975.08019	75.6	0	113.19670	II
9	7	2	+	10	8	3	+	917.96579	76.0	1	124.82845	II
9	6	3	+	10	7	4	+	920.79082	76.1	2	103.48908	II
9	7	2	−	10	8	3	−	917.92367	76.2	-1	125.13079	II
9	7	2	+	9	8	1	+	924.08617	93.8	1	118.70808	II
9	6	3	−	9	5	4	−	961.15464	89.5	-1	63.32649	II
9	3	6	+	10	2	9	+	946.66440	89.5	8	39.14283	II
9	5	4	+	10	6	5	+	923.62605	77.0	1	84.97329	II
9	5	4	+	8	4	5	+	963.76328	77.1	-3	44.83561	II
9	9	0	+	9	8	1	+	969.56906	97.1	2	118.70808	II
9	4	5	−	8	5	4	−	938.04426	77.2	7	57.83127	II
9	3	6	+	9	4	5	+	935.46377	77.3	0	50.34270	II
9	4	5	−	8	3	6	−	960.94550	77.5	-1	34.92924	II
9	5	4	+	9	6	3	+	929.74229	86.4	0	78.85692	II
9	9	0	−	10	10	1	−	912.30743	77.7	0	176.37269	II
9	9	0	−	8	8	1	−	975.12910	77.8	0	113.55098	II
9	3	6	−	9	4	5	−	935.43328	77.8	-2	50.45159	II
9	6	3	+	8	5	4	+	966.60790	77.8	-1	57.67174	II
9	0	9	−	10	1	10	−	939.06803	78.1	4	33.34804	II
9	0	9	−	8	1	8	−	950.05457	78.5	2	22.36126	II
9	4	5	+	8	5	4	+	938.09308	97.3	-1	57.67174	II
9	2	7	−	8	1	8	−	956.66728	97.3	5	22.36126	II
9	6	3	+	9	7	2	+	926.90852	88.5	1	97.37128	II
9	6	3	−	10	7	4	−	920.75087	79.4	1	103.73043	II
9	9	0	−	9	8	1	−	969.64628	98.1	-3	119.03347	II
9	2	7	+	9	3	6	+	938.58058	79.5	1	40.38490	II
9	4	5	+	10	5	6	+	926.47168	79.6	1	69.29336	II
9	6	3	+	10	5	6	+	954.98662	98.7	2	69.29336	II
9	2	7	−	10	3	8	−	932.46787	80.0	10	46.56117	II
9	2	7	−	8	3	6	−	944.09888	95.0	1	34.92924	II
9	5	4	−	10	4	7	−	952.18219	95.7	0	56.56826	II
9	5	4	−	10	6	5	−	923.58916	80.1	1	85.16137	II
9	8	1	+	9	7	2	+	966.75937	94.5	0	97.37128	II
9	3	6	+	9	2	7	+	952.25993	80.3	-1	33.54645	II
9	5	4	−	8	6	3	−	935.18404	98.8	0	73.56634	II
9	4	5	−	9	5	4	−	932.54843	85.5	1	63.32649	II
9	4	5	−	10	3	8	−	949.31261	92.8	-11	46.56117	II
9	2	7	+	8	1	8	+	956.62141	96.7	-4	22.34364	II
9	4	5	−	10	5	6	−	926.43890	81.0	2	69.43614	II
9	5	4	−	8	4	5	−	963.80097	81.1	-1	44.94932	II
9	1	8	−	9	2	7	−	941.80195	71.6	1	33.60817	II
9	1	8	+	10	2	9	+	936.21414	81.3	0	39.14283	II
9	1	8	−	10	2	9	−	936.21414	81.3	-8	39.19513	II
9	7	2	−	10	6	5	−	957.89345	99.1	3	85.16137	II
9	2	7	−	9	3	6	−	938.56543	81.5	1	40.46265	II
9	5	4	+	10	4	7	+	952.13676	97.6	1	56.46256	II
9	5	4	−	9	4	5	−	958.29861	81.5	-2	50.45159	II
9	4	5	+	9	3	6	+	955.37997	81.6	-1	40.38490	II
9	2	7	−	9	1	8	−	949.03671	71.8	-1	29.99122	II
9	4	5	+	10	3	8	+	949.28056	95.9	1	46.48446	II
9	5	4	−	9	6	3	−	929.69373	88.4	1	79.05676	II
9	1	8	−	8	2	7	−	947.73834	92.5	-1	27.67161	II
9	3	6	+	10	4	7	+	929.34397	82.1	1	56.46256	II
9	2	7	+	10	1	10	+	945.63611	98.6	3	33.32964	II
9	5	4	+	8	6	3	+	935.24834	97.7	3	73.35120	II
9	8	1	+	9	9	0	+	921.27674	82.7	10	142.85495	II
9	3	6	+	8	2	7	+	958.18429	84.9	0	27.62219	II
9	3	6	−	8	2	7	−	958.21360	84.8	2	27.67161	II
9	0	9	−	9	1	8	−	942.42545	90.9	10	29.99122	II
9	3	6	−	9	2	7	−	952.27679	83.2	-1	33.60817	II
9	1	8	−	9	0	9	−	948.41936	91.9	-9	26.98980	II
9	4	5	+	8	3	6	+	960.91350	72.7	-1	34.85133	II
9	3	6	−	10	4	7	−	929.31693	83.4	1	56.56826	II
9	7	2	−	8	8	1	−	929.50269	72.8	-9	113.55098	II
10	2	9	−	9	1	8	−	954.58928	80.3	-4	29.99122	II
10	10	1	−	11	11	0	−	908.86928	78.8	0	212.88907	II
10	7	4	−	10	8	3	−	923.98616	92.2	-1	125.13079	II
10	5	6	+	10	4	7	+	958.21516	81.5	-2	56.46256	II
10	6	5	−	9	7	2	−	932.91810	96.1	1	97.62972	II
10	8	3	+	9	7	2	+	972.84153	76.4	-1	97.37128	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
10	8	3	−	10	9	2	−	921.16793	95.2	0	149.34953	II
10	2	9	+	9	1	8	+	954.58928	80.3	6	29.93898	II
10	5	6	−	11	6	5	−	922.94208	79.7	1	91.88001	II
10	4	7	−	10	5	6	−	932.51752	82.0	2	69.43614	II
10	3	8	+	9	4	5	+	941.52549	95.1	0	50.34270	II
10	3	8	+	11	4	7	+	928.66816	82.1	0	63.20012	II
10	6	5	−	10	5	6	−	961.11152	87.5	0	69.43614	II
10	5	6	−	10	4	7	−	958.25340	81.0	-3	56.56826	II
10	4	7	+	10	5	6	+	932.55344	81.4	1	69.29336	II
10	3	8	−	10	2	9	−	952.75070	82.2	0	39.19513	II
10	5	6	+	10	6	5	+	929.70467	84.6	1	84.97329	II
10	9	2	−	10	8	3	−	969.60528	96.2	2	125.13079	II
10	3	8	−	9	4	5	−	941.49437	93.9	1	50.45159	II
10	8	3	+	10	7	4	+	966.72375	92.8	0	103.48908	II
10	8	3	+	11	9	2	+	914.50104	70.1	-2	155.71160	II
10	4	7	−	11	5	6	−	925.79314	82.0	1	76.16045	II
10	4	7	+	11	5	6	+	925.82394	79.6	1	76.02288	II
10	4	7	−	9	5	4	−	938.62761	96.9	6	63.32649	II
10	8	3	+	10	9	2	+	921.23414	94.3	0	148.97870	II
10	7	4	+	10	8	3	+	924.04546	91.4	1	124.82845	II
10	9	2	−	11	8	3	−	962.89429	97.2	7	131.84229	II
10	10	1	+	10	9	2	+	972.33012	98.0	1	148.97870	II
10	1	10	+	11	0	11	+	939.42785	44.7	-3	39.29291	II
10	8	3	−	9	7	2	−	972.88771	78.2	0	97.62972	II
10	6	5	+	9	7	2	+	932.98708	98.9	3	97.37128	II
10	4	7	+	9	3	6	+	961.46149	78.1	-3	40.38490	II
10	4	7	−	10	3	8	−	955.39226	82.0	-1	46.56117	II
10	4	7	+	11	3	8	+	948.54714	94.9	-1	53.29949	II
10	10	1	−	9	9	0	−	978.50299	78.0	0	143.25534	II
10	3	8	+	10	2	9	+	952.72446	80.1	-10	39.14283	II
10	2	9	−	9	3	6	−	944.11809	94.9	-1	40.46265	II
10	5	6	−	11	4	7	−	951.51797	96.8	0	63.30402	II
10	9	2	+	11	10	1	+	911.69999	76.3	1	182.66253	II
10	5	6	+	11	6	5	+	922.97697	77.8	1	91.70104	II
10	9	2	+	9	8	1	+	975.65421	72.7	-1	118.70808	II
10	9	2	+	10	8	3	+	969.53394	87.0	0	124.82845	II
10	8	3	−	11	9	2	−	914.45924	77.7	0	156.05828	II
10	2	9	−	11	1	10	−	941.38310	88.6	-7	43.19710	II
10	4	7	+	10	3	8	+	955.36220	80.7	0	46.48446	II
10	6	5	+	10	5	6	+	961.06423	76.1	-4	69.29336	II
10	4	7	−	11	3	8	−	948.57438	95.6	0	53.37913	II
10	4	7	−	9	3	6	−	961.49068	82.9	-1	40.46265	II
10	7	4	+	11	6	5	+	957.17313	98.4	4	91.70104	II
10	6	5	+	11	7	4	+	920.14081	77.4	1	110.21733	II
10	9	2	+	10	10	1	+	918.43617	97.9	-1	175.92614	II
10	5	6	+	11	4	7	+	951.47787	96.2	1	63.20012	II
10	8	3	+	11	7	4	+	959.99632	99.1	8	110.21733	II
10	2	9	−	11	3	8	−	931.20180	87.1	0	53.37913	II
10	3	8	+	10	4	7	+	935.40569	79.3	0	56.46256	II
10	7	4	−	11	6	5	−	957.23756	90.7	5	91.88001	II
10	3	8	−	11	2	9	−	945.13483	92.0	-7	46.81030	II
10	3	8	−	11	4	7	−	928.64194	84.1	1	63.30402	II
10	7	4	−	9	6	3	−	970.06012	77.3	-2	79.05676	II
10	9	2	−	9	8	1	−	975.70240	77.2	0	119.03347	II
10	7	4	+	10	6	5	+	963.90050	89.4	0	84.97329	II
10	10	1	+	11	11	0	+	908.91245	76.6	1	212.39634	II
10	4	7	+	9	5	4	+	938.66963	91.7	-5	63.17660	II
10	2	9	−	10	3	8	−	938.01971	81.1	0	46.56117	II
10	1	10	−	10	2	9	−	939.54363	92.0	-9	39.19513	II
10	6	5	+	9	5	4	+	967.18129	77.2	-1	63.17660	II
10	3	8	−	9	2	7	−	958.33751	85.0	-2	33.60817	II
10	2	9	+	9	3	6	+	944.14326	91.8	5	40.38490	II
10	2	9	+	10	3	8	+	938.04426	77.2	11	46.48446	II
10	6	5	−	11	7	4	−	920.10273	79.1	1	110.44509	II
10	5	6	−	10	6	5	−	929.66092	69.0	3	85.16137	II
10	10	1	−	10	9	2	−	972.40902	96.1	2	149.34953	II
10	7	4	+	11	8	3	+	917.31537	77.1	1	131.55856	II
10	8	3	−	10	7	4	−	966.78699	91.9	-1	103.73043	II
10	9	2	−	11	10	1	−	911.65709	77.1	1	183.07895	II
10	7	4	−	11	8	3	−	917.27476	77.0	0	131.84229	II
10	2	9	+	11	1	10	+	941.39052	91.3	11	43.13819	II
10	1	10	+	9	0	9	+	951.75293	68.6	-3	26.96789	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
10	1	10	−	11	2	9	−	931.92858	98.5	-8	46.81030	II
10	6	5	−	10	7	4	−	926.81725	89.0	0	103.73043	II
10	7	4	−	10	6	5	−	963.95532	86.5	-4	85.16137	II
10	5	6	−	9	4	5	−	964.37026	79.0	-1	50.45159	II
10	7	4	+	9	6	3	+	970.01680	76.5	-1	78.85692	II
10	10	1	+	9	9	0	+	978.45379	75.6	1	142.85495	II
10	1	10	−	9	0	9	−	951.74950	62.4	-4	26.98980	II
10	5	6	+	9	4	5	+	964.33507	78.9	-1	50.34270	II
10	5	6	+	9	6	3	+	935.82106	97.3	1	78.85692	II
10	6	5	−	9	5	4	−	967.22110	79.8	-1	63.32649	II
10	5	6	−	9	6	3	−	935.76419	93.3	-10	79.05676	II
10	6	5	+	10	7	4	+	926.86901	87.6	1	103.48908	II
10	3	8	−	10	4	7	−	935.37766	81.2	1	56.56826	II
10	6	5	−	11	5	6	−	954.38689	98.0	-3	76.16045	II
10	3	8	+	9	2	7	+	958.32185	83.4	1	33.54645	II
11	4	7	−	11	3	8	−	955.26815	79.6	0	53.37913	II
11	2	9	+	11	1	10	+	948.93815	62.7	-1	43.13819	II
11	7	4	+	11	6	5	+	963.85919	73.0	1	91.70104	II
11	2	9	+	11	3	8	+	938.77698	77.1	0	53.29949	II
11	5	6	−	12	6	7	−	922.29175	80.6	1	99.21271	II
11	7	4	+	12	8	5	+	916.66115	75.5	1	138.89901	II
11	1	10	+	10	2	9	+	949.33243	89.0	-6	39.14283	II
11	7	4	−	10	8	3	−	930.65834	98.9	-6	125.13079	II
11	0	11	−	12	1	12	−	938.05880	69.9	-10	46.60634	II
11	9	2	+	12	10	3	+	911.04512	77.0	1	190.00823	II
11	8	3	−	11	7	4	−	966.74172	91.2	-1	110.44509	II
11	9	2	+	10	8	3	+	976.22468	75.7	-1	124.82845	II
11	3	8	−	10	2	9	−	959.52620	84.1	3	39.19513	II
11	7	4	+	10	6	5	+	970.58678	75.7	0	84.97329	II
11	2	9	+	12	1	12	+	945.48875	98.0	-4	46.58730	II
11	2	9	−	10	3	8	−	945.58678	94.3	-2	46.56117	II
11	11	0	+	12	10	3	+	967.72665	97.0	0	190.00823	II
11	7	4	−	11	8	3	−	923.94735	90.0	-1	131.84229	II
11	11	0	−	10	10	1	−	981.85825	76.8	0	176.37269	II
11	10	1	+	10	9	2	+	979.02416	76.7	0	148.97870	II
11	5	6	+	10	4	7	+	964.90282	76.7	-1	56.46256	II
11	11	0	−	12	10	3	−	967.83164	99.3	2	190.39957	II
11	11	0	−	11	10	1	−	975.15208	97.0	0	183.07895	II
11	10	1	+	12	11	2	+	908.25727	76.3	1	219.74567	II
11	4	7	+	11	3	8	+	955.24278	76.3	0	53.29949	II
11	4	7	+	10	5	6	+	939.24875	95.2	-2	69.29336	II
11	6	5	+	12	7	6	+	919.48735	76.0	1	117.55664	II
11	7	4	−	11	6	5	−	963.90954	88.6	-2	91.88001	II
11	3	8	−	12	2	11	−	945.61717	95.6	3	53.10413	II
11	6	5	+	11	5	6	+	961.02093	84.6	0	76.02288	II
11	6	5	−	11	5	6	−	961.06423	76.1	3	76.16045	II
11	0	11	−	11	1	10	−	941.46884	92.8	-2	43.19710	II
11	3	8	+	11	2	9	+	951.90063	76.1	-2	46.73962	II
11	5	6	−	10	4	7	−	964.93600	80.4	-1	56.56826	II
11	6	5	−	10	7	4	−	933.49374	98.6	-2	103.73043	II
11	1	10	−	11	0	11	−	949.21935	92.8	-2	39.31615	II
11	6	5	+	11	7	4	+	926.82660	85.7	1	110.21733	II
11	4	7	−	12	5	8	−	925.14774	81.0	1	83.49966	II
11	5	6	+	12	4	9	+	950.81714	96.4	1	70.54843	II
11	0	11	+	10	1	10	+	951.31254	66.1	-1	33.32964	II
11	7	4	+	11	8	3	+	924.00113	81.4	-4	131.55856	II
11	8	3	−	12	7	6	−	959.41330	88.7	-1	117.77350	II
11	0	11	−	10	1	10	−	951.31712	56.9	-9	33.34804	II
11	9	2	−	11	8	3	−	969.56035	93.0	2	131.84229	II
11	4	7	+	10	3	8	+	962.05775	80.0	-1	46.48446	II
11	6	5	−	11	7	4	−	926.77935	80.0	1	110.44509	II
11	11	0	−	12	12	1	−	905.44171	79.9	0	252.78925	II
11	4	7	−	10	5	6	−	939.21113	94.7	0	69.43614	II
11	3	8	−	10	4	7	−	942.15271	94.5	-1	56.56826	II
11	1	10	−	11	2	9	−	941.72549	66.8	1	46.81030	II
11	3	8	−	12	4	9	−	928.06967	79.7	-1	70.65131	II
11	1	10	−	10	2	9	−	949.34082	90.6	2	39.19513	II
11	1	10	+	12	2	11	+	935.42607	87.2	3	53.05006	II
11	4	7	−	10	3	8	−	962.08612	79.6	0	46.56117	II
11	5	6	+	11	6	5	+	929.66448	82.0	0	91.70104	II
11	6	5	+	10	5	6	+	967.75034	75.3	-1	69.29336	II
11	8	3	+	11	7	4	+	966.68353	87.3	-1	110.21733	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
11	7	4	−	12	8	5	−	916.62208	79.5	-1	139.16756	II
11	5	6	−	10	6	5	−	936.34274	70.8	-3	85.16137	II
11	1	10	+	11	2	9	+	941.73624	62.8	1	46.73962	II
11	5	6	+	10	6	5	+	936.39222	97.3	0	84.97329	II
11	6	5	−	10	5	6	−	967.78814	79.4	-1	69.43614	II
11	9	2	+	11	10	1	+	918.39071	94.4	0	182.66253	II
11	8	3	−	11	9	2	−	921.12855	92.8	0	156.05828	II
11	2	9	−	11	3	8	−	938.76905	79.4	0	53.37913	II
11	9	2	+	11	8	3	+	969.49466	93.2	0	131.55856	II
11	10	1	−	10	9	2	−	979.07277	79.2	0	149.34953	II
11	4	7	+	12	5	8	+	925.17655	79.2	1	83.36583	II
11	2	9	−	11	1	10	−	948.95108	65.5	0	43.19710	II
11	4	7	−	11	5	6	−	932.48693	81.7	1	76.16045	II
11	6	5	−	12	7	6	−	919.45102	79.1	1	117.77350	II
11	3	8	−	11	4	7	−	935.41708	79.0	1	63.30402	II
11	2	9	+	10	1	10	+	958.74668	97.3	-1	33.32964	II
11	3	8	+	10	4	7	+	942.17787	93.7	0	56.46256	II
11	4	7	+	11	5	6	+	932.51937	78.9	0	76.02288	II
11	2	9	+	12	3	10	+	931.50226	87.1	1	60.57426	II
11	3	8	+	12	4	9	+	928.09223	78.8	2	70.54843	II
11	8	3	+	10	7	4	+	973.41179	73.5	-1	103.48908	II
11	3	8	−	11	2	9	−	951.91069	78.8	0	46.81030	II
11	9	2	−	11	10	1	−	918.32308	93.4	-4	183.07895	II
11	9	2	−	12	8	5	−	962.23415	98.0	-8	139.16756	II
11	10	1	+	11	9	2	+	972.29124	95.9	0	155.71160	II
11	7	4	−	10	6	5	−	970.62807	78.6	-3	85.16137	II
11	9	2	−	12	10	3	−	911.00292	78.5	0	190.39957	II
11	5	6	−	11	4	7	−	958.20033	81.9	0	63.30402	II
11	2	9	−	12	3	10	−	931.49538	81.9	-2	60.65257	II
11	8	3	−	10	7	4	−	973.45642	78.5	0	103.73043	II
11	9	2	−	10	8	3	−	976.27165	78.5	0	125.13079	II
11	3	8	+	10	2	9	+	959.49661	86.3	-10	39.14283	II
11	11	0	+	11	10	1	+	975.07243	98.5	1	182.66253	II
11	5	6	+	12	6	7	+	922.32477	78.4	1	99.04082	II
11	11	0	+	12	12	1	+	905.48462	78.4	1	252.25029	II
11	10	1	−	12	9	4	−	965.04081	98.4	-4	163.38104	II
11	11	0	+	10	10	1	+	981.80869	78.2	0	175.92614	II
11	8	3	+	11	9	2	+	921.18942	90.5	1	155.71160	II
11	10	1	−	12	11	2	−	908.21454	78.1	1	220.20780	II
11	8	3	+	12	9	4	+	913.84685	73.3	2	163.05428	II
11	7	4	+	12	6	7	+	956.51984	98.0	6	99.04082	II
11	10	1	+	11	11	0	+	915.60630	97.8	-2	212.39634	II
11	2	9	+	10	3	8	+	945.59121	92.0	-8	46.48446	II
11	4	7	−	12	3	10	−	947.99474	94.9	0	60.65257	II
11	5	6	−	12	4	9	−	950.85312	95.9	1	70.65131	II
11	5	6	−	11	6	5	−	929.62437	82.3	0	91.88001	II
11	5	6	+	11	4	7	+	958.16530	80.7	-1	63.20012	II
11	0	11	+	12	1	12	+	938.05500	69.0	0	46.58730	II
11	10	1	−	11	11	0	−	915.53321	97.8	0	212.88907	II
11	8	3	+	12	7	6	+	959.34405	91.7	-3	117.55664	II
11	7	4	+	10	8	3	+	930.73160	98.4	0	124.82845	II
11	4	7	+	12	3	10	+	947.96800	91.8	0	60.57426	II
11	8	3	−	12	9	4	−	913.80592	77.2	1	163.38104	II
12	6	7	+	11	5	6	+	968.31488	77.7	-1	76.02288	II
12	5	8	−	11	4	7	−	965.49433	71.9	5	63.30402	II
12	4	9	+	13	3	10	+	947.10576	86.9	3	68.73946	II
12	3	10	+	13	2	11	+	943.33942	90.6	-6	62.53046	II
12	3	10	+	11	4	7	+	942.67024	92.7	-1	63.20012	II
12	3	10	−	13	2	11	−	943.33942	90.6	6	62.61097	II
12	7	6	+	13	6	7	+	955.86069	97.9	3	106.99325	II
12	10	3	+	12	11	2	+	915.55665	90.8	-2	219.74567	II
12	1	12	−	12	2	11	−	938.80971	91.4	-6	53.10413	II
12	4	9	−	11	3	8	−	962.56965	81.7	-1	53.37913	II
12	9	4	+	13	8	5	+	961.50004	96.2	4	146.85032	II
12	6	7	+	11	7	4	+	934.12108	96.7	5	110.21733	II
12	6	7	−	12	7	6	−	926.73787	85.1	0	117.77350	II
12	2	11	+	12	1	12	+	951.76211	89.2	5	46.58730	II
12	5	8	−	12	4	9	−	958.14646	81.9	-1	70.65131	II
12	7	6	−	11	8	3	−	931.22950	85.1	-5	131.84229	II
12	7	6	−	12	8	5	−	923.90465	71.8	-1	139.16756	II
12	1	12	+	11	0	11	+	952.60222	63.0	-2	39.29291	II
12	5	8	−	13	4	9	−	950.16983	95.6	0	78.62807	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
12	11	2	−	12	10	3	−	975.10396	96.9	1	190.39957	II
12	3	10	−	11	4	7	−	942.64576	94.1	0	63.30402	II
12	7	6	−	12	6	7	−	963.85919	73.0	-4	99.21271	II
12	10	3	−	12	9	4	−	972.31507	75.1	-7	163.38104	II
12	12	1	+	13	11	2	+	969.83651	99.4	10	227.70446	II
12	3	10	+	12	4	9	+	935.32200	75.5	0	70.54843	II
12	2	11	−	11	3	8	−	945.02454	94.9	-1	53.37913	II
12	10	3	+	12	9	4	+	972.24824	94.0	0	163.05428	II
12	12	1	+	12	11	2	+	977.79452	98.9	2	219.74567	II
12	3	10	−	13	4	9	−	927.32180	83.7	1	78.62807	II
12	6	7	−	11	5	6	−	968.35106	76.2	2	76.16045	II
12	7	6	+	11	6	5	+	971.15262	76.2	1	91.70104	II
12	2	11	−	11	1	10	−	955.20772	83.7	10	43.19710	II
12	6	7	+	12	5	8	+	960.97200	82.9	0	83.36583	II
12	2	11	+	11	3	8	+	945.04968	93.8	2	53.29949	II
12	1	12	+	13	0	13	+	938.06735	63.7	0	53.82791	II
12	1	12	+	12	2	11	+	938.84449	89.5	-7	53.05006	II
12	4	9	+	12	5	8	+	932.47911	76.6	1	83.36583	II
12	1	12	−	13	0	13	−	938.06477	67.2	3	53.85004	II
12	3	10	+	11	2	9	+	959.13048	84.7	-4	46.73962	II
12	8	5	+	11	7	4	+	973.97815	76.7	-1	110.21733	II
12	10	3	+	13	11	2	+	907.59812	76.8	1	227.70446	II
12	7	6	−	11	6	5	−	971.19204	76.8	-3	91.88001	II
12	9	4	+	12	10	3	+	918.34152	89.6	-2	190.00823	II
12	3	10	−	12	4	9	−	935.29851	76.8	1	70.65131	II
12	2	11	+	12	3	10	+	937.77496	76.9	3	60.57426	II
12	2	11	+	13	3	10	+	929.60974	89.6	2	68.73946	II
12	11	2	−	12	12	1	−	912.71425	97.9	1	252.78925	II
12	9	4	+	13	10	3	+	910.38630	77.0	1	197.96376	II
12	5	8	+	11	4	7	+	965.46248	77.2	-1	63.20012	II
12	5	8	+	12	4	9	+	958.11415	77.2	-1	70.54843	II
12	2	11	+	13	1	12	+	939.60246	87.7	1	58.74661	II
12	2	11	−	13	3	10	−	929.57900	89.7	-5	68.82433	II
12	8	5	+	12	9	4	+	921.14129	89.7	0	163.05428	II
12	9	4	+	12	8	5	+	969.45098	91.2	0	138.89901	II
12	10	3	+	11	9	2	+	979.59091	77.6	0	155.71160	II
12	7	6	+	13	8	5	+	916.00351	77.6	2	146.85032	II
12	3	10	+	12	2	11	+	952.82012	77.7	-3	53.05006	II
12	9	4	−	13	10	3	−	910.34514	78.1	0	198.33406	II
12	8	5	−	12	7	6	−	966.69278	89.8	0	117.77350	II
12	5	8	+	12	6	7	+	929.62194	77.8	1	99.04082	II
12	5	8	−	11	6	5	−	936.91773	92.1	-1	91.88001	II
12	6	7	+	13	7	6	+	918.83041	77.9	1	125.50753	II
12	2	11	+	11	1	10	+	955.21013	78.2	-6	43.13819	II
12	9	4	+	11	8	3	+	976.79147	73.4	1	131.55856	II
12	1	12	+	13	2	11	+	929.36570	89.9	9	62.53046	II
12	8	5	+	13	9	4	+	913.18827	72.4	0	171.00725	II
12	4	9	+	12	3	10	+	955.27134	63.0	7	60.57426	II
12	7	6	+	12	8	5	+	923.95474	86.3	2	138.89901	II
12	2	11	−	12	3	10	−	937.75131	78.4	1	60.65257	II
12	11	2	+	11	10	1	+	982.37547	78.4	0	182.66253	II
12	6	7	+	12	7	6	+	926.78119	82.7	0	117.55664	II
12	4	9	−	12	3	10	−	955.29626	78.4	-1	60.65257	II
12	9	4	−	11	8	3	−	976.83694	78.4	0	131.84229	II
12	5	8	+	13	6	7	+	921.66955	78.7	1	106.99325	II
12	8	5	−	12	9	4	−	921.08517	87.4	0	163.38104	II
12	6	7	−	12	5	8	−	961.01163	84.0	0	83.49966	II
12	7	6	−	13	6	7	−	955.91226	93.3	-4	107.15968	II
12	7	6	+	12	6	7	+	963.81288	86.1	1	99.04082	II
12	8	5	−	11	7	4	−	974.02127	73.6	1	110.44509	II
12	10	3	−	11	9	2	−	979.63847	79.2	0	156.05828	II
12	4	9	+	13	5	8	+	924.52165	79.4	1	91.32335	II
12	4	9	−	11	5	6	−	939.78831	93.1	-1	76.16045	II
12	4	9	−	13	3	10	−	947.12458	94.3	0	68.82433	II
12	8	5	−	13	9	4	−	913.14887	79.5	1	171.31743	II
12	12	1	+	11	11	0	+	985.14361	79.6	0	212.39634	II
12	9	4	−	13	8	5	−	961.57212	98.1	-7	147.10639	II
12	3	10	+	13	4	9	+	927.34551	82.4	0	78.52501	II
12	7	6	−	13	8	5	−	915.96584	79.8	-1	147.10639	II
12	11	2	−	11	10	1	−	982.42447	79.9	0	183.07895	II
12	11	2	+	13	12	1	+	904.82513	79.9	0	260.21292	II
12	5	8	+	11	6	5	+	936.96162	96.8	0	91.70104	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
12	6	7	−	13	7	6	−	918.79581	80.0	1	125.71564	II
12	5	8	−	12	6	7	−	929.58516	80.0	0	99.21271	II
12	1	12	+	11	2	9	+	945.15649	94.5	8	46.73962	II
12	11	2	+	12	10	3	+	975.02996	96.8	2	190.00823	II
12	10	3	−	13	11	2	−	907.55605	80.1	0	228.14073	II
12	4	9	+	11	3	8	+	962.54522	80.2	-2	53.29949	II
12	11	2	+	13	10	3	+	967.07490	99.6	6	197.96376	II
12	8	5	−	11	9	2	−	928.40780	99.7	-2	156.05828	II
12	4	9	−	12	5	8	−	932.44878	67.5	-5	83.49966	II
12	4	9	−	13	5	8	−	924.49455	80.3	3	91.45460	II
12	3	10	−	11	2	9	−	959.13909	88.7	-4	46.81030	II
12	6	7	−	11	7	4	−	934.06643	95.8	2	110.44509	II
12	4	9	+	11	5	6	+	939.82202	94.5	0	76.02288	II
12	12	1	+	13	13	0	+	902.06842	80.8	0	295.47156	II
12	5	8	+	13	4	9	+	950.13778	95.3	1	78.52501	II
12	5	8	−	13	6	7	−	921.63831	80.8	1	107.15968	II
12	9	4	−	12	8	5	−	969.51173	92.8	1	139.16756	II
12	8	5	+	12	7	6	+	966.63937	81.0	5	117.55664	II
12	9	4	−	12	10	3	−	918.27980	88.1	2	190.39957	II
12	3	10	−	12	2	11	−	952.84564	81.1	0	53.10413	II
12	8	5	+	11	9	2	+	928.48370	99.4	-2	155.71160	II
12	1	12	−	11	0	11	−	952.59914	66.1	8	39.31615	II
12	11	2	−	13	12	1	−	904.78254	81.1	0	260.72087	II
13	8	5	+	12	7	6	+	974.54044	76.7	-1	117.55664	II
13	5	8	+	12	6	7	+	937.52979	95.6	0	99.04082	II
13	7	6	+	12	8	5	+	931.85591	98.4	1	138.89901	II
13	13	0	−	12	12	1	−	988.50746	82.9	0	252.78925	II
13	2	11	+	13	3	10	+	939.02993	72.7	0	68.73946	II
13	12	1	+	13	11	2	+	977.74814	97.8	2	227.70446	II
13	4	9	+	14	3	12	+	946.65395	89.4	-2	77.11757	II
13	0	13	−	13	1	12	−	940.29948	93.7	6	58.81067	II
13	1	12	−	13	0	13	−	950.20564	90.5	10	53.85004	II
13	10	3	+	14	9	6	+	963.63696	99.1	-3	179.57094	II
13	2	11	+	13	1	12	+	949.02277	66.1	-1	58.74661	II
13	10	3	−	12	11	2	−	923.37353	77.7	1	220.20780	II
13	4	9	+	13	5	8	+	932.44878	67.5	4	91.32335	II
13	1	12	−	13	2	11	−	941.44376	67.6	0	62.61097	II
13	7	6	+	14	8	7	+	915.34236	78.0	4	155.41292	II
13	12	1	−	13	13	0	−	909.90831	83.9	11	296.05675	II
13	8	5	+	13	9	4	+	921.08994	87.2	0	171.00725	II
13	12	1	+	13	13	0	+	909.98002	89.1	-9	295.47156	II
13	9	4	−	12	10	3	−	926.16589	94.9	-3	190.39957	II
13	9	4	−	13	8	5	−	969.45952	91.0	1	147.10639	II
13	10	3	−	13	9	4	−	972.26382	93.5	0	171.31743	II
13	10	3	−	14	9	6	−	963.71414	98.9	1	179.86725	II
13	13	0	−	14	14	1	−	898.62266	83.5	-1	342.67395	II
13	6	7	+	13	7	6	+	926.73322	79.3	0	125.50753	II
13	13	0	+	14	14	1	+	898.66498	82.8	0	342.04249	II
13	9	4	−	14	8	7	−	960.90611	98.9	-10	155.65870	II
13	2	11	+	12	3	10	+	947.19513	91.7	0	60.57426	II
13	4	9	−	12	5	8	−	940.37636	94.2	1	83.49966	II
13	11	2	−	12	10	3	−	982.98680	77.9	1	190.39957	II
13	7	6	+	12	6	7	+	971.71420	74.9	2	99.04082	II
13	7	6	−	13	6	7	−	963.80487	85.5	-3	107.15968	II
13	5	8	+	13	6	7	+	929.57747	78.4	1	106.99325	II
13	10	3	+	14	11	4	+	906.93502	79.8	0	236.27318	II
13	9	4	−	14	8	7	−	960.90783	98.8	8	155.65870	II
13	10	3	−	13	11	2	−	915.44048	94.5	-1	228.14073	II
13	4	9	−	13	5	8	−	932.42139	78.5	1	91.45460	II
13	6	7	+	12	5	8	+	968.87477	77.6	-1	83.36583	II
13	0	13	−	12	1	12	−	952.50277	53.2	-4	46.60634	II
13	11	2	+	12	10	3	+	982.93848	77.6	-1	190.00823	II
13	3	10	+	14	4	11	+	926.88326	81.8	0	87.10054	II
13	6	7	−	13	7	6	−	926.69333	81.1	3	125.71564	II
13	4	9	+	14	5	10	+	923.87624	80.9	1	99.89553	II
13	9	4	−	12	8	5	−	977.39817	78.9	0	139.16756	II
13	1	12	−	12	2	11	−	950.95084	83.5	3	53.10413	II
13	0	13	+	13	1	12	+	940.34066	91.5	2	58.74661	II
13	9	4	+	12	8	5	+	977.35408	77.5	0	138.89901	II
13	5	8	+	13	4	9	+	958.04559	78.6	0	78.52501	II
13	11	2	−	12	12	1	−	920.59716	98.7	2	252.78925	II
13	4	9	+	12	3	10	+	963.19734	80.5	-1	60.57426	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
13	7	6	−	13	8	5	−	923.85835	84.6	-1	147.10639	II
13	6	7	−	13	5	8	−	960.95410	79.8	0	91.45460	II
13	6	7	+	14	7	8	+	918.17026	78.7	1	134.07052	II
13	2	11	−	12	3	10	−	947.19842	93.4	-2	60.65257	II
13	1	12	+	13	0	13	+	950.16149	90.7	-1	53.82791	II
13	12	1	−	13	11	2	−	977.82418	77.5	9	228.14073	II
13	10	3	−	14	11	4	−	906.89398	78.8	1	236.68743	II
13	2	11	−	13	1	12	−	949.04054	68.3	0	58.81067	II
13	7	6	+	13	8	5	+	923.90465	71.8	1	146.85032	II
13	12	1	−	12	11	2	−	985.75618	81.8	0	220.20780	II
13	8	5	−	12	7	6	−	974.58182	78.7	0	117.77350	II
13	9	4	+	13	10	3	+	918.28925	88.6	-1	197.96376	II
13	9	4	+	14	10	5	+	909.72365	78.7	1	206.52957	II
13	6	7	−	14	5	10	−	952.38290	53.8	-7	100.02513	II
13	5	8	+	12	4	9	+	966.02166	72.8	-5	70.54843	II
13	7	6	−	12	6	7	−	971.75179	78.8	-3	99.21271	II
13	4	9	+	13	3	10	+	955.03201	73.3	-2	68.73946	II
13	6	7	+	13	5	8	+	960.91728	81.1	-1	91.32335	II
13	11	2	+	13	12	1	+	912.73377	96.1	-1	260.21292	II
13	10	3	+	13	9	4	+	972.20111	92.6	2	171.00725	II
13	3	10	−	13	4	9	−	935.44093	71.1	-8	78.62807	II
13	4	9	−	13	3	10	−	955.05163	57.6	0	68.82433	II
13	8	5	−	14	7	8	−	958.08349	98.8	-3	134.27157	II
13	5	8	−	13	6	7	−	929.54364	79.7	1	107.15968	II
13	8	5	−	14	9	6	−	912.48816	79.7	1	179.86725	II
13	7	6	+	14	6	9	+	955.19563	70.8	-3	115.55892	II
13	1	12	+	12	2	11	+	950.93927	84.8	-2	53.05006	II
13	5	8	−	12	4	9	−	966.05224	72.8	3	70.65131	II
13	13	0	−	13	12	1	−	980.57596	99.3	1	260.72087	II
13	3	10	+	14	2	13	+	944.66340	95.8	-4	69.32003	II
13	4	9	−	12	3	10	−	963.22327	82.1	-1	60.65257	II
13	3	10	−	12	2	11	−	960.96551	90.3	-1	53.10413	II
13	4	9	−	14	5	10	−	923.85105	80.8	3	100.02513	II
13	9	4	−	14	10	5	−	909.68373	79.6	0	206.88208	II
13	10	3	−	12	9	4	−	980.20026	79.6	0	163.38104	II
13	8	5	−	13	9	4	−	921.03823	85.5	3	171.31743	II
13	11	2	+	14	12	3	+	904.16164	80.7	0	268.78517	II
13	7	6	−	14	6	9	−	955.24278	76.3	-8	115.72118	II
13	8	5	+	14	7	8	+	958.02644	98.7	-2	134.07052	II
13	12	1	+	14	13	2	+	901.40459	81.4	0	304.04786	II
13	11	2	−	13	10	3	−	975.05257	95.0	4	198.33406	II
13	3	10	−	13	2	11	−	951.45864	75.2	-2	62.61097	II
13	7	6	−	14	8	7	−	915.30599	79.6	-1	155.65870	II
13	5	8	+	14	4	11	+	949.46996	94.6	-1	87.10054	II
13	0	13	+	14	1	14	+	936.98491	65.1	0	62.10219	II
13	5	8	−	12	6	7	−	937.49030	95.2	-2	99.21271	II
13	13	0	−	14	12	3	−	972.02984	96.2	-3	269.26657	II
13	4	9	+	12	5	8	+	940.40577	94.3	-1	83.36583	II
13	11	2	−	14	12	3	−	904.11964	82.1	0	269.26657	II
13	8	5	+	14	9	6	+	912.52628	78.3	1	179.57094	II
13	6	7	−	12	5	8	−	968.90895	77.7	-1	83.49966	II
13	6	7	−	14	7	8	−	918.13729	80.3	1	134.27157	II
13	2	11	+	12	1	12	+	961.18128	97.4	-9	46.58730	II
13	2	11	+	14	3	12	+	930.65267	79.5	8	77.11757	II
13	13	0	+	13	12	1	+	980.49480	99.0	2	260.21292	II
13	3	10	+	12	2	11	+	960.93369	88.2	0	53.05006	II
13	6	7	+	14	5	10	+	952.34513	96.7	-1	99.89553	II
13	8	5	+	12	9	4	+	929.04300	76.5	1	163.05428	II
13	12	1	−	14	13	2	−	901.36221	82.8	0	304.60171	II
13	2	11	−	13	3	10	−	939.02699	76.5	1	68.82433	II
13	2	11	−	14	3	12	−	930.65267	79.5	1	77.19864	II
13	5	8	−	14	4	11	−	949.49943	95.2	0	87.20377	II
13	3	10	−	14	4	11	−	926.86611	84.3	1	87.20377	II
13	8	5	+	13	7	6	+	966.58966	87.2	0	125.50753	II
13	9	4	+	13	8	5	+	969.40307	81.4	3	146.85032	II
13	6	7	−	12	7	6	−	934.63513	96.7	-1	117.77350	II
13	3	10	+	12	4	9	+	943.43525	91.6	-1	70.54843	II
13	13	0	+	12	12	1	+	988.45713	81.1	-1	252.25029	II
13	10	3	+	12	9	4	+	980.15388	78.0	0	163.05428	II
13	4	9	−	14	3	12	−	946.67721	94.5	-1	77.19864	II
13	12	1	+	12	11	2	+	985.70675	80.2	0	219.74567	II
13	5	8	+	14	6	9	+	921.01177	74.2	1	115.55892	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
13	9	4	−	13	10	3	−	918.23173	91.8	0	198.33406	II
13	1	12	+	13	2	11	+	941.45894	60.6	-1	62.53046	II
13	8	5	−	13	7	6	−	966.63937	81.0	-3	125.71564	II
13	0	13	+	12	1	12	+	952.49967	59.9	-1	46.58730	II
13	3	10	+	13	2	11	+	951.45325	74.2	-1	62.53046	II
13	9	4	+	14	8	7	+	960.84059	98.6	4	155.41292	II
13	3	10	−	12	4	9	−	943.41841	92.8	-1	70.65131	II
13	5	8	−	13	4	9	−	958.07510	80.7	-1	78.62807	II
13	0	13	−	14	1	14	−	936.98776	66.2	-1	62.12164	II
13	10	3	+	13	11	2	+	915.50364	92.9	-1	227.70446	II
13	3	10	−	14	2	13	−	944.69360	96.5	4	69.37655	II
13	5	8	−	14	6	9	−	920.98226	79.5	2	115.72118	II
14	8	7	+	13	9	4	+	929.59894	98.5	0	171.00725	II
14	6	9	−	15	7	8	−	917.47545	80.1	1	143.44146	II
14	6	9	−	14	5	10	−	960.89164	81.4	0	100.02513	II
14	14	1	+	15	15	0	+	895.27520	85.5	0	391.94436	II
14	14	1	−	14	13	2	−	983.25355	99.0	-1	304.60171	II
14	1	14	+	13	0	13	+	953.48441	53.6	-1	53.82791	II
14	13	2	+	13	12	1	+	989.01659	81.4	-1	260.21292	II
14	10	5	+	14	11	4	+	915.44707	92.9	0	236.27318	II
14	9	6	−	15	10	5	−	909.01854	80.2	1	216.04342	II
14	3	12	+	15	2	13	+	941.41360	92.9	-4	80.89707	II
14	2	13	−	15	3	12	−	927.73448	93.4	-3	86.84080	II
14	12	3	−	14	11	4	−	977.76818	96.7	1	236.68743	II
14	9	6	+	14	10	5	+	918.23354	89.4	-1	206.52957	II
14	7	8	−	14	8	7	−	923.80824	74.8	-3	155.65870	II
14	9	6	−	14	8	7	−	969.40307	81.4	-1	155.65870	II
14	13	2	+	14	12	3	+	980.44413	96.4	-3	268.78517	II
14	7	8	−	15	8	7	−	914.64258	80.3	-2	164.82451	II
14	4	11	−	13	3	10	−	963.57390	82.1	-1	68.82433	II
14	4	11	−	13	5	8	−	940.94377	93.4	0	91.45460	II
14	10	5	−	13	9	4	−	980.75808	80.3	0	171.31743	II
14	1	14	−	13	0	13	−	953.48203	45.9	0	53.85004	II
14	4	11	−	15	3	12	−	945.55763	94.1	1	86.84080	II
14	7	8	+	13	6	7	+	972.27223	78.1	11	106.99325	II
14	5	10	+	14	6	9	+	929.53046	78.2	0	115.55892	II
14	6	9	+	14	7	8	+	926.68247	81.3	0	134.07052	II
14	8	7	−	15	9	6	−	911.82380	80.5	1	189.03038	II
14	3	12	−	13	4	9	−	943.76529	90.5	1	78.62807	II
14	2	13	+	13	1	12	+	955.77131	80.6	-3	58.74661	II
14	11	4	−	14	10	5	−	974.99694	87.4	1	206.88208	II
14	4	11	+	14	5	10	+	932.39836	76.0	0	99.89553	II
14	4	11	−	14	3	12	−	955.19965	76.3	-1	77.19864	II
14	5	10	+	13	6	7	+	938.09607	95.2	-1	106.99325	II
14	2	13	+	15	1	14	+	937.81756	83.8	1	76.70071	II
14	2	13	+	14	3	12	+	937.40117	76.4	5	77.11757	II
14	5	10	−	15	6	9	−	920.32244	74.6	-3	124.89762	II
14	7	8	+	15	6	9	+	954.52678	92.0	9	124.73848	II
14	2	13	−	14	3	12	−	937.37684	75.9	-1	77.19864	II
14	5	10	+	14	4	11	+	957.98836	69.4	-5	87.10054	II
14	6	9	−	15	5	10	−	951.70333	95.5	1	109.21357	II
14	9	6	−	14	10	5	−	918.17944	86.6	-4	206.88208	II
14	4	11	−	14	5	10	−	932.37331	76.6	1	100.02513	II
14	7	8	−	13	8	5	−	932.36023	71.8	-6	147.10639	II
14	13	2	−	14	12	3	−	980.52088	97.5	1	269.26657	II
14	12	3	−	15	13	2	−	900.69483	83.6	0	313.76066	II
14	5	10	−	14	6	9	−	929.49927	80.7	1	115.72118	II
14	12	3	−	14	13	2	−	909.85358	96.9	-2	304.60171	II
14	11	4	−	14	12	3	−	912.61228	95.2	-1	269.26657	II
14	6	9	+	15	5	10	+	951.66819	95.5	0	109.08482	II
14	8	7	+	14	9	6	+	921.03536	84.9	1	179.57094	II
14	13	2	+	14	14	1	+	907.18690	98.6	-2	342.04249	II
14	11	4	+	15	12	3	+	903.49423	81.1	1	277.96744	II
14	12	3	+	13	11	2	+	986.26614	80.8	0	227.70446	II
14	14	1	−	15	15	0	−	895.23313	86.5	-1	392.62210	II
14	14	1	−	13	13	0	−	991.79855	85.4	-1	296.05675	II
14	3	12	+	13	2	11	+	959.78063	82.0	1	62.53046	II
14	9	6	+	15	8	7	+	960.17597	95.3	0	164.58723	II
14	10	5	+	13	11	2	+	924.01525	97.3	-5	227.70446	II
14	13	2	−	13	12	1	−	989.06643	83.5	0	260.72087	II
14	10	5	+	13	9	4	+	980.71296	78.4	0	171.00725	II
14	11	4	+	14	10	5	+	974.93222	87.9	2	206.52957	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
14	3	12	+	14	2	13	+	952.99042	78.6	-6	69.32003	II
14	7	8	−	14	6	9	−	963.74584	84.7	-2	115.72118	II
14	1	14	−	15	0	15	−	936.74700	58.7	4	70.58547	II
14	5	10	−	15	4	11	−	948.78358	94.9	0	96.43676	II
14	8	7	−	14	9	6	−	920.98687	87.9	0	179.86725	II
14	13	2	+	15	14	1	+	897.99658	84.0	-1	351.23290	II
14	1	14	+	15	0	15	+	936.74813	58.7	-3	70.56403	II
14	3	12	−	15	2	13	−	941.40532	93.5	-8	80.98717	II
14	3	12	−	15	4	11	−	925.95656	84.1	1	96.43676	II
14	3	12	−	14	4	11	−	935.18954	75.2	1	87.20377	II
14	7	8	+	14	8	7	+	923.85243	83.0	10	155.41292	II
14	10	5	−	14	9	6	−	972.20806	89.2	-2	179.86725	II
14	11	4	−	15	12	3	−	903.45304	78.8	0	278.42596	II
14	8	7	+	13	7	6	+	975.09862	75.1	-1	125.50753	II
14	12	3	+	14	13	2	+	909.92287	95.6	1	304.04786	II
14	4	11	+	14	3	12	+	955.17668	74.6	3	77.11757	II
14	2	13	+	13	3	10	+	945.77875	94.7	0	68.73946	II
14	8	7	−	13	7	6	−	975.13841	78.9	0	125.71564	II
14	12	3	+	14	11	4	+	977.69752	96.0	1	236.27318	II
14	7	8	−	13	6	7	−	972.30715	77.5	-4	107.15968	II
14	14	1	+	15	13	2	+	973.98468	90.9	-10	313.23396	II
14	4	11	+	15	5	10	+	923.20914	81.8	0	109.08482	II
14	13	2	−	15	14	1	−	897.95450	83.4	-1	351.83272	II
14	2	13	+	15	3	12	+	927.77028	93.3	0	86.74798	II
14	4	11	+	13	5	8	+	940.97055	88.6	0	91.32335	II
14	6	9	+	15	7	8	+	917.50701	79.1	1	143.24607	II
14	3	12	+	15	4	11	+	925.97899	83.5	-3	96.33170	II
14	11	4	−	13	10	3	−	983.54490	81.2	0	198.33406	II
14	10	5	−	13	11	2	−	923.93423	99.4	-5	228.14073	II
14	8	7	+	15	9	6	+	911.86061	77.6	1	188.74573	II
14	2	13	−	13	3	10	−	945.75038	94.2	-8	68.82433	II
14	5	10	−	13	4	9	−	966.59223	79.2	-1	78.62807	II
14	3	12	+	13	4	9	+	943.78556	90.1	-5	78.52501	II
14	5	10	+	15	4	11	+	948.75773	94.1	0	96.33170	II
14	9	6	+	15	10	5	+	909.05724	79.3	1	215.70604	II
14	9	6	+	13	8	5	+	977.91285	77.7	0	146.85032	II
14	6	9	−	13	7	6	−	935.20108	95.3	-1	125.71564	II
14	5	10	+	15	6	9	+	920.35097	79.4	1	124.73848	II
14	7	8	+	14	6	9	+	963.70659	85.3	11	115.55892	II
14	2	13	−	13	1	12	−	955.76446	71.7	-4	58.81067	II
14	6	9	+	13	7	6	+	935.24541	96.8	0	125.50753	II
14	12	3	−	13	11	2	−	986.31480	82.1	0	228.14073	II
14	3	12	−	14	2	13	−	953.01670	79.5	0	69.37655	II
14	6	9	−	14	7	8	−	926.64528	82.6	0	134.27157	II
14	6	9	+	13	5	8	+	969.42950	77.8	-1	91.32335	II
14	5	10	−	14	4	11	−	958.01657	79.6	0	87.20377	II
14	3	12	+	14	4	11	+	935.21009	73.7	-4	87.10054	II
14	4	11	+	15	3	12	+	945.54591	93.1	0	86.74798	II
14	4	11	+	13	3	10	+	963.55422	79.6	-2	68.73946	II
14	11	4	+	13	10	3	+	983.49782	79.7	0	197.96376	II
14	12	3	−	13	13	0	−	918.39764	94.6	-11	296.05675	II
14	9	6	+	14	8	7	+	969.35031	88.7	0	155.41292	II
14	11	4	+	13	12	1	+	921.24823	99.2	-5	260.21292	II
14	11	4	+	14	12	3	+	912.67652	95.0	1	268.78517	II
14	2	13	−	15	1	14	−	937.80738	85.3	-5	76.76771	II
14	7	8	−	15	6	9	−	954.56927	97.4	-4	124.89762	II
14	2	13	+	14	1	14	+	952.41688	90.4	9	62.10219	II
14	10	5	−	15	11	4	−	906.22795	79.9	0	245.84758	II
14	8	7	−	14	7	8	−	966.58248	86.8	0	134.27157	II
14	9	6	+	13	10	3	+	926.80057	90.8	11	197.96376	II
14	12	3	+	15	13	2	+	900.73667	82.4	0	313.23396	II
14	14	1	+	13	13	0	+	991.74792	84.0	-1	295.47156	II
14	9	6	−	13	8	5	−	977.95563	75.3	1	147.10639	II
14	10	5	+	15	11	4	+	906.26810	79.9	1	245.45220	II
14	8	7	+	14	7	8	+	966.53574	85.1	0	134.07052	II
14	5	10	+	13	4	9	+	966.56409	71.6	-3	78.52501	II
14	4	11	−	15	5	10	−	923.18477	80.0	0	109.21357	II
14	6	9	+	14	5	10	+	960.85742	80.1	0	99.89553	II
15	6	9	−	14	7	8	−	935.76419	93.3	-2	134.27157	II
15	5	10	−	15	6	9	−	929.45400	79.2	1	124.89762	II
15	2	13	+	14	1	14	+	963.91988	99.4	-9	62.10219	II
15	4	11	−	15	5	10	−	932.36023	71.8	2	109.21357	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
15	13	2	+	16	14	3	+	897.32424	84.7	0	361.03327	II
15	11	4	+	14	10	5	+	984.05330	79.9	0	206.52957	II
15	5	10	−	16	6	11	−	919.66229	81.0	1	134.68940	II
15	4	11	−	16	5	12	−	922.55627	82.0	2	119.01751	II
15	8	7	−	14	7	8	−	975.69089	79.2	0	134.27157	II
15	12	3	+	14	11	4	+	986.82178	81.2	0	236.27318	II
15	11	4	+	16	10	7	+	965.09013	84.4	7	225.49347	II
15	8	7	+	15	9	6	+	920.97742	85.7	0	188.74573	II
15	2	13	+	14	3	12	+	948.90479	86.1	-6	77.11757	II
15	14	1	+	14	13	2	+	992.30372	84.8	-1	304.04786	II
15	8	7	−	16	9	8	−	911.15584	81.2	1	198.80678	II
15	7	8	−	14	8	7	−	932.92064	94.6	-5	155.65870	II
15	8	7	+	16	7	10	+	956.68780	66.1	-7	153.03465	II
15	15	0	+	16	14	3	+	976.02382	99.6	-3	361.03327	II
15	9	6	−	14	8	7	−	978.50881	76.9	0	155.65870	II
15	3	12	−	15	2	13	−	950.98627	68.3	-1	80.98717	II
15	13	2	−	15	12	3	−	980.46197	97.1	-1	278.42596	II
15	11	4	+	15	12	3	+	912.61551	93.6	1	277.96744	II
15	7	8	−	16	6	11	−	953.89012	96.6	-3	134.68940	II
15	7	8	−	15	6	9	−	963.68193	83.5	-3	124.89762	II
15	11	4	−	15	10	5	−	974.93792	93.6	1	216.04342	II
15	0	15	+	14	1	14	+	953.61656	54.9	-1	62.10219	II
15	12	3	+	15	11	4	+	977.64281	95.4	0	245.45220	II
15	6	9	+	14	7	8	+	935.80479	94.0	1	134.07052	II
15	9	6	+	16	8	9	+	959.50619	28.9	-7	174.37363	II
15	4	11	+	16	3	14	+	945.36348	92.8	-2	96.10359	II
15	6	9	+	15	7	8	+	926.62937	75.8	2	143.24607	II
15	10	5	+	16	11	6	+	905.59729	81.1	0	255.24183	II
15	14	1	+	16	15	2	+	894.60223	85.7	-1	401.74933	II
15	12	3	−	15	11	4	−	977.70944	94.6	1	245.84758	II
15	13	2	−	16	12	5	−	970.68982	98.9	5	288.19874	II
15	2	13	−	16	3	14	−	929.92454	90.1	-8	96.18921	II
15	9	6	−	15	8	7	−	969.34306	89.0	0	164.82451	II
15	2	13	+	15	3	12	+	939.27446	57.0	-5	86.74798	II
15	13	2	+	14	14	1	+	916.31396	94.2	-11	342.04249	II
15	8	7	−	15	7	8	−	966.52137	74.3	3	143.44146	II
15	12	3	−	16	13	4	−	900.02363	84.3	0	323.53324	II
15	9	6	−	15	10	5	−	918.12412	86.0	0	216.04342	II
15	3	12	−	15	4	11	−	935.53666	65.0	-1	96.43676	II
15	8	7	+	16	9	8	+	911.19123	79.5	1	198.53197	II
15	3	12	+	15	2	13	+	950.98220	69.1	-1	80.89707	II
15	9	6	+	15	10	5	+	918.17445	88.6	0	215.70604	II
15	13	2	+	15	14	1	+	907.12458	97.8	-1	351.23290	II
15	5	10	+	14	6	9	+	938.66230	93.8	-2	115.55892	II
15	13	2	−	15	14	1	−	907.05491	97.4	-4	351.83272	II
15	4	11	−	15	3	12	−	954.73274	75.9	-1	86.84080	II
15	9	6	+	15	8	7	+	969.29345	85.6	2	164.58723	II
15	4	11	−	14	3	12	−	964.37485	81.4	-1	77.19864	II
15	8	7	+	14	7	8	+	975.65282	75.0	2	134.07052	II
15	8	7	+	15	7	8	+	966.47732	82.2	2	143.24607	II
15	2	13	−	15	3	12	−	939.27446	57.0	7	86.84080	II
15	11	4	+	15	10	5	+	974.87689	90.7	1	215.70604	II
15	11	4	+	16	12	5	+	902.82285	82.5	0	287.76004	II
15	9	6	−	16	10	7	−	908.34963	80.8	0	225.81794	II
15	3	12	−	16	4	13	−	925.74298	85.3	1	106.23064	II
15	1	14	+	14	2	13	+	952.51490	69.0	-2	69.32003	II
15	15	0	+	14	14	1	+	995.01480	86.3	-1	342.04249	II
15	0	15	−	16	1	16	−	935.85833	62.0	-1	79.88216	II
15	13	2	−	16	14	3	−	897.28287	83.7	3	361.60542	II
15	6	9	+	14	5	10	+	969.97959	77.9	-1	99.89553	II
15	4	11	−	16	3	14	−	945.38435	93.9	-1	96.18921	II
15	6	9	−	16	5	12	−	951.01850	96.1	0	119.01751	II
15	3	12	+	16	2	15	+	943.94998	90.3	6	87.92995	II
15	15	0	−	16	14	3	−	976.13409	97.4	-2	361.60542	II
15	7	8	−	14	6	9	−	972.85831	78.3	-4	115.72118	II
15	4	11	+	16	5	12	+	922.57830	81.1	0	118.88903	II
15	2	13	−	14	3	12	−	948.91589	92.4	0	77.19864	II
15	6	9	+	16	5	12	+	950.98627	68.3	0	118.88903	II
15	14	1	−	15	13	2	−	983.19505	98.0	0	313.76066	II
15	5	10	+	15	6	9	+	929.48293	76.1	0	124.73848	II
15	11	4	−	16	12	5	−	902.78253	83.1	0	288.19874	II
15	6	9	−	15	5	10	−	960.82243	81.0	0	109.21357	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
15	9	6	+	14	8	7	+	978.46757	78.2	0	155.41292	II
15	3	12	−	14	2	13	−	962.59775	76.1	8	69.37655	II
15	14	1	+	15	13	2	+	983.11799	97.7	3	313.23396	II
15	6	9	−	15	7	8	−	926.59456	81.5	0	143.44146	II
15	12	3	−	14	13	2	−	918.95578	99.3	6	304.60171	II
15	12	3	−	15	13	2	−	909.79581	91.5	-4	313.76066	II
15	5	10	−	15	4	11	−	957.91473	77.9	-1	96.43676	II
15	2	13	−	15	1	14	−	949.34665	74.4	-2	76.76771	II
15	2	13	+	16	3	14	+	929.91923	89.6	-1	96.10359	II
15	5	10	−	16	4	13	−	948.12095	94.7	0	106.23064	II
15	11	4	−	14	10	5	−	984.09923	81.1	0	206.88208	II
15	5	10	+	16	6	11	+	919.68898	80.1	1	134.53249	II
15	4	11	−	14	5	10	−	941.54854	93.3	0	100.02513	II
15	15	0	−	16	16	1	−	891.85825	88.7	-1	445.88139	II
15	12	3	−	16	11	6	−	967.93651	97.3	6	255.62096	II
15	5	10	+	14	4	11	+	967.12070	78.8	-1	87.10054	II
15	6	9	−	16	7	10	−	916.81056	72.9	1	153.22555	II
15	13	2	−	14	14	1	−	916.21408	99.2	0	342.67395	II
15	14	1	+	16	13	4	+	973.32176	99.7	3	323.03017	II
15	7	8	−	15	8	7	−	923.75512	84.2	-2	164.82451	II
15	14	1	−	16	15	2	−	894.56037	86.8	-1	402.39517	II
15	13	2	+	14	12	3	+	989.57227	82.8	-1	268.78517	II
15	5	10	−	14	4	11	−	967.14767	80.3	-1	87.20377	II
15	9	6	+	14	10	5	+	927.35083	97.1	-1	206.52957	II
15	12	3	−	14	11	4	−	986.86946	82.7	0	236.68743	II
15	5	10	+	16	4	13	+	948.09655	93.3	2	106.12502	II
15	8	7	−	16	7	10	−	956.73759	87.1	6	153.22555	II
15	3	12	−	14	4	11	−	944.76977	92.1	0	87.20377	II
15	3	12	+	16	4	13	+	925.75442	83.0	1	106.12502	II
15	10	5	+	14	9	6	+	981.26810	78.9	0	179.57094	II
15	4	11	+	14	3	12	+	964.35003	78.9	3	77.11757	II
15	5	10	−	14	6	9	−	938.63031	94.5	-1	115.72118	II
15	12	3	+	16	13	4	+	900.06439	78.9	-4	323.03017	II
15	10	5	+	15	9	6	+	972.09337	91.1	0	188.74573	II
15	3	12	+	14	4	11	+	944.77879	90.7	0	87.10054	II
15	14	1	−	14	13	2	−	992.35376	84.2	-2	304.60171	II
15	15	0	−	15	14	1	−	985.90746	99.6	4	351.83272	II
15	6	9	+	16	7	10	+	916.84068	80.0	1	153.03465	II
15	13	2	−	14	12	3	−	989.62146	83.2	0	269.26657	II
15	1	14	−	16	2	15	−	933.91550	72.9	9	87.98871	II
15	3	12	+	15	4	11	+	935.54766	73.5	0	96.33170	II
15	2	13	+	15	1	14	+	949.32224	71.2	0	76.70071	II
15	0	15	+	16	1	16	+	935.85638	61.3	0	79.86251	II
15	14	1	+	15	15	0	+	904.40725	97.9	-1	391.94436	II
15	8	7	+	14	9	6	+	930.15209	97.8	-1	179.57094	II
15	15	0	+	16	16	1	+	891.89998	88.1	-1	445.15735	II
15	11	4	−	15	12	3	−	912.55521	93.5	-1	278.42596	II
15	8	7	−	15	9	6	−	920.93221	86.5	1	189.03038	II
15	11	4	−	16	10	7	−	965.16299	93.0	-4	225.81794	II
15	15	0	−	14	14	1	−	995.06574	87.5	-1	342.67395	II
15	9	6	−	16	8	9	−	959.56424	93.6	6	174.60388	II
15	9	6	+	16	10	7	+	908.38710	79.0	1	225.49347	II
15	13	2	+	15	12	3	+	980.38998	96.3	-1	277.96744	II
15	3	12	+	14	2	13	+	962.55947	91.9	1	69.32003	II
15	1	14	+	15	2	13	+	940.93793	70.3	-1	80.89707	II
15	6	9	−	14	5	10	−	970.01078	79.1	-1	100.02513	II
15	5	10	+	15	4	11	+	957.88956	75.5	-1	96.33170	II
15	4	11	+	15	5	10	+	932.38244	73.9	0	109.08482	II
15	0	15	−	14	1	14	−	953.61875	54.9	-1	62.12164	II
15	7	8	−	16	8	9	−	913.97589	77.3	-1	174.60388	II
15	1	14	−	15	2	13	−	940.91637	73.8	2	80.98717	II
15	10	5	+	14	11	4	+	924.56554	99.0	-4	236.27318	II
15	4	11	+	14	5	10	+	941.57170	92.5	0	99.89553	II
15	4	11	+	15	3	12	+	954.71916	67.2	-1	86.74798	II
15	1	14	+	16	2	15	+	933.90526	81.7	1	87.92995	II
15	6	9	+	15	5	10	+	960.79040	79.9	0	109.08482	II
15	15	0	+	15	14	1	+	985.82343	98.1	-11	351.23290	II
15	10	5	+	15	11	4	+	915.38688	84.1	0	245.45220	II
16	7	10	+	16	6	11	+	963.57647	81.7	-11	134.53249	II
16	11	6	−	17	12	5	−	902.10831	83.9	0	298.58470	II
16	4	13	+	16	5	12	+	932.31085	74.1	0	118.88903	II
16	13	4	+	16	12	5	+	980.33167	96.5	0	287.76004	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
16	5	12	−	16	4	13	−	957.86370	77.0	-1	106.23064	II
16	12	5	−	17	13	4	−	899.34846	82.9	-2	333.91917	II
16	16	1	+	16	15	2	+	988.45161	99.5	-2	401.74933	II
16	3	14	−	16	2	15	−	953.27752	81.3	0	87.98871	II
16	13	4	+	17	14	3	+	896.64754	77.2	-3	371.44386	II
16	6	11	−	17	5	12	−	950.32279	95.2	0	129.44395	II
16	14	3	−	16	13	4	−	983.13292	98.0	1	323.53324	II
16	3	14	−	17	2	15	−	939.36910	93.6	-5	101.89663	II
16	6	11	+	15	7	8	+	936.36182	94.9	-3	143.24607	II
16	13	4	−	16	12	5	−	980.39938	89.7	-4	288.19874	II
16	7	10	+	15	8	7	+	933.52182	96.0	-10	164.58723	II
16	13	4	+	15	12	3	+	990.12422	83.1	-1	277.96744	II
16	9	8	+	16	8	9	+	969.23182	87.4	0	174.37363	II
16	15	2	−	16	14	3	−	985.84542	98.4	6	361.60542	II
16	4	13	−	16	3	14	−	955.11761	75.1	0	96.18921	II
16	15	2	+	15	14	1	+	995.56684	84.8	-2	351.23290	II
16	15	2	+	16	16	1	+	901.64261	99.0	1	445.15735	II
16	5	12	+	15	6	9	+	939.22588	93.5	-1	124.73848	II
16	9	8	−	15	10	5	−	927.83907	98.2	-1	216.04342	II
16	16	1	+	17	17	0	+	888.54032	89.8	-1	501.66067	II
16	4	13	+	15	3	12	+	964.45167	81.2	-3	86.74798	II
16	5	12	+	17	4	13	+	947.32437	91.1	0	116.64006	II
16	9	8	−	16	8	9	−	969.27870	88.1	0	174.60388	II
16	8	9	−	17	9	8	−	910.48419	81.1	0	209.19647	II
16	2	15	−	17	1	16	−	936.07075	80.9	2	97.00214	II
16	8	9	+	16	9	8	+	920.91636	84.8	0	198.53197	II
16	5	12	−	16	6	11	−	929.40512	77.9	1	134.68940	II
16	8	9	+	15	9	6	+	930.70244	97.5	-1	188.74573	II
16	10	7	−	16	11	6	−	915.27105	89.8	-2	255.62096	II
16	4	13	−	17	3	14	−	943.83576	94.1	0	107.47115	II
16	4	13	−	15	3	12	−	964.46595	82.9	-1	86.84080	II
16	10	7	+	16	9	8	+	972.03317	89.8	1	198.53197	II
16	5	12	+	15	4	11	+	967.63260	78.2	-2	96.33170	II
16	2	15	+	15	1	14	+	956.31221	78.2	-1	76.70071	II
16	13	4	−	16	14	3	−	906.99296	96.5	-1	361.60542	II
16	9	8	+	17	10	7	+	907.71333	80.9	1	235.89217	II
16	14	3	−	15	15	0	−	914.04435	99.1	4	392.62210	II
16	12	5	−	15	11	4	−	987.42024	82.8	0	245.84758	II
16	12	5	−	15	13	2	−	919.50678	99.2	-4	313.76066	II
16	1	16	+	15	0	15	+	954.39596	46.4	-9	70.56403	II
16	1	16	−	15	0	15	−	954.39596	46.4	8	70.58547	II
16	11	6	+	15	10	5	+	984.60486	80.9	0	215.70604	II
16	8	9	+	17	9	8	+	910.51840	80.9	1	208.92997	II
16	11	6	−	15	10	5	−	984.64956	81.9	0	216.04342	II
16	3	14	−	16	4	13	−	935.03563	73.4	1	106.23064	II
16	9	8	+	15	8	7	+	979.01817	78.5	0	164.58723	II
16	2	15	+	17	1	16	+	936.08002	78.6	0	96.93305	II
16	8	9	−	17	7	10	−	956.05688	95.1	3	163.62411	II
16	6	11	+	15	5	10	+	970.52324	78.7	-1	109.08482	II
16	11	6	+	17	12	5	+	902.14760	82.7	0	298.16326	II
16	11	6	+	16	10	7	+	974.81747	92.2	1	225.49347	II
16	16	1	+	15	15	0	+	998.25658	84.7	-2	391.94436	II
16	3	14	+	17	4	13	+	924.53953	85.5	2	116.64006	II
16	6	11	+	17	7	10	+	916.17152	78.8	1	163.43675	II
16	8	9	+	16	7	10	+	966.41344	81.8	-2	153.03465	II
16	13	4	+	16	14	3	+	907.05823	95.6	-2	361.03327	II
16	7	10	−	15	8	7	−	933.47859	82.7	3	164.82451	II
16	2	15	−	16	1	16	−	953.19097	90.0	5	79.88216	II
16	8	9	−	16	9	8	−	920.87408	81.8	2	198.80678	II
16	1	16	+	16	2	15	+	937.03016	90.0	-7	87.92995	II
16	2	15	+	16	1	16	+	953.15079	84.4	3	79.86251	II
16	4	13	+	17	3	14	+	943.83151	92.6	-1	107.36826	II
16	14	3	+	17	15	2	+	893.92531	86.9	-1	412.16441	II
16	4	13	+	15	5	10	+	942.11494	92.2	-1	109.08482	II
16	15	2	−	16	16	1	−	901.56842	98.6	-4	445.88139	II
16	7	10	−	15	6	9	−	973.40481	79.0	-4	124.89762	II
16	5	12	−	17	6	11	−	918.99740	81.8	1	145.09715	II
16	9	8	−	16	10	7	−	918.06465	88.7	0	225.81794	II
16	9	8	+	15	10	5	+	927.89841	95.9	-10	215.70604	II
16	10	7	+	16	11	6	+	915.32321	90.7	0	255.24183	II
16	11	6	−	16	10	7	−	974.87516	89.2	1	225.81794	II
16	2	15	+	17	3	14	+	925.64525	79.1	5	107.36826	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
16	11	6	−	16	12	5	−	912.49417	93.3	-1	288.19874	II
16	8	9	−	16	7	10	−	966.45509	84.9	0	153.22555	II
16	5	12	+	16	6	11	+	929.43193	73.7	0	134.53249	II
16	7	10	−	16	8	9	−	923.69865	83.2	-3	174.60388	II
16	3	14	+	15	4	11	+	944.84770	90.1	0	96.33170	II
16	12	5	+	16	11	6	+	977.58394	94.2	0	255.24183	II
16	5	12	+	16	4	13	+	957.83939	72.5	-1	106.12502	II
16	10	7	+	15	9	6	+	981.81935	79.4	0	188.74573	II
16	8	9	−	15	7	8	−	976.23915	79.4	0	143.44146	II
16	6	11	−	15	5	10	−	970.55297	79.4	-2	109.21357	II
16	10	7	+	17	9	8	+	961.63473	99.1	-4	208.92997	II
16	12	5	−	16	11	6	−	977.64737	88.4	5	255.62096	II
16	10	7	−	15	11	4	−	925.04425	99.0	-4	245.84758	II
16	9	8	−	17	10	7	−	907.67705	81.0	0	236.20557	II
16	7	10	+	17	6	11	+	953.16797	91.6	-4	144.94173	II
16	15	2	+	17	16	1	+	891.22246	88.5	-1	455.57737	II
16	6	11	+	16	5	12	+	960.71908	79.6	0	118.88903	II
16	9	8	−	17	8	9	−	958.88562	98.7	0	184.99695	II
16	12	5	+	16	13	4	+	909.79581	91.5	2	323.03017	II
16	4	13	−	17	5	12	−	921.86300	79.6	1	129.44395	II
16	3	14	+	15	2	13	+	960.28215	85.3	-1	80.89707	II
16	7	10	−	17	6	11	−	953.20524	95.8	-4	145.09715	II
16	10	7	−	16	9	8	−	972.08540	89.1	0	198.80678	II
16	12	5	+	17	13	4	+	899.38901	84.2	0	333.43679	II
16	1	16	+	17	0	17	+	935.45705	42.4	-4	89.50341	II
16	4	13	+	16	3	14	+	955.09606	74.4	-3	96.10359	II
16	9	8	−	15	8	7	−	979.05806	79.8	0	164.82451	II
16	14	3	−	15	13	2	−	992.90531	85.9	0	313.76066	II
16	14	3	−	17	15	2	−	893.88381	87.2	-1	412.78213	II
16	11	6	+	16	12	5	+	912.55082	93.0	0	287.76004	II
16	7	10	−	17	8	9	−	913.30559	81.0	-3	184.99695	II
16	5	12	−	15	4	11	−	967.65751	79.9	-1	96.43676	II
16	10	7	−	17	11	6	−	904.88483	82.4	1	266.00743	II
16	15	2	−	15	14	1	−	995.61742	87.5	-1	351.83272	II
16	3	14	+	16	4	13	+	935.05454	72.2	2	106.12502	II
16	2	15	−	17	3	14	−	925.60247	82.3	10	107.47115	II
16	7	10	+	17	8	9	+	913.33653	80.1	-10	184.77250	II
16	5	12	−	17	4	13	−	947.34474	92.9	-3	116.74937	II
16	6	11	−	16	7	10	−	926.54122	80.1	1	153.22555	II
16	10	7	+	17	11	6	+	904.92271	81.4	0	265.64236	II
16	14	3	+	16	15	2	+	904.34031	96.6	-1	401.74933	II
16	14	3	−	16	15	2	−	904.27019	96.0	-7	402.39517	II
16	3	14	−	15	2	13	−	960.27853	84.7	-5	80.98717	II
16	6	11	−	16	5	12	−	960.74915	80.2	0	119.01751	II
16	3	14	−	17	4	13	−	924.51698	85.5	1	116.74937	II
16	10	7	−	17	9	8	−	961.69563	99.1	-1	209.19647	II
16	6	11	−	17	7	10	−	916.14269	81.4	1	163.62411	II
16	4	13	+	17	5	12	+	921.88491	82.3	1	129.31504	II
16	10	7	−	15	9	6	−	981.86184	80.2	0	189.03038	II
16	3	14	+	17	2	15	+	939.38150	92.7	0	101.79789	II
16	9	8	+	17	8	9	+	958.83323	98.1	3	184.77250	II
16	7	10	−	16	6	11	−	963.61305	80.3	-4	134.68940	II
16	12	5	+	15	11	4	+	987.37352	81.3	-1	245.45220	II
16	6	11	+	17	5	12	+	950.29311	95.3	0	129.31504	II
16	16	1	−	17	15	2	−	978.14859	83.3	7	412.78213	II
16	6	11	+	16	7	10	+	926.57350	80.5	0	153.03465	II
16	14	3	+	16	13	4	+	983.05948	97.5	-1	323.03017	II
16	5	12	+	17	6	11	+	919.02278	80.5	0	144.94173	II
16	4	13	−	15	5	10	−	942.09329	92.7	0	109.21357	II
16	2	15	−	15	1	14	−	956.30424	80.6	-7	76.76771	II
16	14	3	+	15	13	2	+	992.85574	84.2	-1	313.23396	II
16	9	8	+	16	10	7	+	918.11216	85.6	2	225.49347	II
16	16	1	−	15	15	0	−	998.30782	89.5	-1	392.62210	II
16	2	15	−	16	3	14	−	936.88380	53.0	4	96.18921	II
16	15	2	−	17	16	1	−	891.18081	89.0	-1	456.26928	II
16	6	11	−	15	7	8	−	936.32527	95.7	0	143.44146	II
16	13	4	−	15	12	3	−	990.17254	84.3	0	278.42596	II
16	12	5	−	16	13	4	−	909.73445	93.9	-1	323.53324	II
16	16	1	−	16	15	2	−	988.53468	99.6	-2	402.39517	II
16	8	9	+	15	7	8	+	976.20217	76.4	-1	143.24607	II
16	2	15	+	16	3	14	+	936.90927	76.5	-2	96.10359	II
16	13	4	−	17	14	3	−	896.60675	84.4	-1	371.99170	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
16	16	1	−	17	17	0	−	888.49885	90.5	-1	502.43103	II
16	3	14	+	16	2	15	+	953.24937	75.8	0	87.92995	II
16	3	14	−	15	4	11	−	944.82945	91.1	0	96.43676	II
16	2	15	+	15	3	12	+	946.26465	89.4	-4	86.74798	II
16	5	12	−	15	6	9	−	939.19689	94.0	1	124.89762	II
16	11	6	−	17	10	7	−	964.48698	94.6	-4	236.20557	II
16	11	6	+	17	10	7	+	964.41935	97.1	6	235.89217	II
16	1	16	−	17	0	17	−	935.45705	42.4	6	89.52424	II
16	4	13	−	16	5	12	−	932.28940	75.7	1	119.01751	II
17	15	2	+	17	16	1	+	901.57124	98.1	0	455.57737	II
17	13	4	−	16	12	5	−	990.71970	84.8	0	288.19874	II
17	3	14	−	18	4	15	−	924.73981	82.9	1	127.73496	II
17	13	4	+	16	12	5	+	990.67241	84.2	0	287.76004	II
17	12	5	+	18	13	6	+	898.70925	84.4	0	344.45403	II
17	15	2	−	16	14	3	−	996.16518	88.3	0	361.60542	II
17	17	0	+	18	18	1	+	885.19720	91.2	0	561.43256	II
17	10	7	+	17	11	6	+	915.25604	88.3	0	265.64236	II
17	3	14	+	17	2	15	+	950.57227	64.8	-1	101.79789	II
17	3	14	+	17	4	13	+	935.73014	73.3	0	116.64006	II
17	14	3	+	17	15	2	+	904.27019	96.0	4	412.16441	II
17	7	10	−	16	8	9	−	934.03196	96.5	-6	174.60388	II
17	4	13	+	17	5	12	+	932.33368	73.7	0	129.31504	II
17	13	4	−	17	12	5	−	980.33376	95.7	0	298.58470	II
17	5	12	−	18	4	15	−	946.72063	89.0	-2	127.73496	II
17	9	8	+	18	8	11	+	958.15415	97.8	1	195.78422	II
17	8	9	−	16	9	8	−	931.20180	87.1	-1	198.80678	II
17	12	5	+	17	11	6	+	977.52103	94.1	1	265.64236	II
17	16	1	+	16	15	2	+	998.80490	89.1	-2	401.74933	II
17	6	11	+	16	7	10	+	936.91773	92.1	0	153.03465	II
17	13	4	−	18	14	5	−	895.92711	86.9	-1	382.99131	II
17	13	4	+	17	14	3	+	906.98848	95.9	-1	371.44386	II
17	15	2	+	16	14	3	+	996.11524	86.9	-1	361.03327	II
17	9	8	+	16	8	9	+	979.56457	74.4	0	174.37363	II
17	4	13	+	17	3	14	+	954.28039	74.7	-1	107.36826	II
17	3	14	−	17	4	13	−	935.72526	74.9	0	116.74937	II
17	11	6	+	18	12	7	+	901.46862	75.0	0	309.17732	II
17	17	0	−	16	16	1	−	1001.52391	89.2	0	445.88139	II
17	10	7	−	18	11	8	−	904.20765	83.0	1	277.00690	II
17	3	14	+	18	2	17	+	943.51509	95.4	9	108.85607	II
17	4	13	−	17	5	12	−	932.31556	75.2	0	129.44395	II
17	1	16	+	17	2	15	+	940.14743	75.2	-2	101.79789	II
17	6	11	+	18	5	14	+	949.59962	89.3	3	140.35314	II
17	5	12	+	17	4	13	+	957.68529	75.3	-1	116.64006	II
17	7	10	−	18	6	13	−	952.51490	69.0	-4	156.12115	II
17	10	7	−	17	11	6	−	915.20712	89.3	1	266.00743	II
17	14	3	+	17	13	4	+	982.99737	94.0	-1	333.43679	II
17	5	12	+	17	6	11	+	929.38370	75.9	0	144.94173	II
17	8	9	+	16	7	10	+	976.74746	76.0	0	153.03465	II
17	9	8	+	17	8	9	+	969.16578	87.3	1	184.77250	II
17	4	13	−	17	3	14	−	954.28823	76.3	-1	107.47115	II
17	4	13	−	18	3	16	−	944.15094	93.9	0	117.60848	II
17	5	12	+	18	4	15	+	946.69995	93.9	1	127.62557	II
17	1	16	−	16	2	15	−	954.02686	76.4	-2	87.98871	II
17	7	10	+	16	8	9	+	934.07274	96.0	-8	174.37363	II
17	8	9	+	16	9	8	+	931.24999	97.0	-2	198.53197	II
17	14	3	−	16	13	4	−	993.45280	86.6	0	323.53324	II
17	3	14	−	16	2	15	−	964.48698	94.6	11	87.98871	II
17	1	16	+	18	2	17	+	933.08955	76.7	1	108.85607	II
17	7	10	+	16	6	11	+	973.91360	76.7	-11	134.53249	II
17	5	12	−	17	4	13	−	957.70640	76.9	-1	116.74937	II
17	13	4	+	17	12	5	+	980.26923	95.9	0	298.16326	II
17	7	10	−	18	8	11	−	912.63200	76.9	-5	196.00391	II
17	13	4	+	16	14	3	+	917.39948	99.3	3	361.03327	II
17	8	9	−	17	7	10	−	966.38458	84.8	0	163.62411	II
17	2	15	+	17	1	16	+	949.86328	77.1	4	96.93305	II
17	15	2	+	18	16	3	+	890.54081	88.9	-1	466.60765	II
17	6	11	+	17	5	12	+	960.63734	77.4	0	129.31504	II
17	4	13	+	18	3	16	+	944.12981	93.5	-1	117.51884	II
17	5	12	−	17	6	11	−	929.35872	77.5	0	145.09715	II
17	6	11	−	18	5	14	−	949.62678	94.9	0	140.48272	II
17	12	5	+	17	13	4	+	909.72639	93.5	-1	333.43679	II
17	6	11	+	17	7	10	+	926.51579	72.5	1	163.43675	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
17	15	2	−	18	16	3	−	890.49953	89.9	-1	467.27103	II
17	6	11	−	17	7	10	−	926.48548	78.5	1	163.62411	II
17	6	11	−	17	5	12	−	960.66541	70.4	-2	129.44395	II
17	9	8	−	17	10	7	−	918.00136	86.2	-2	236.20557	II
17	10	7	−	17	9	8	−	972.01816	90.0	1	209.19647	II
17	16	1	−	16	15	2	−	998.85583	90.0	-1	402.39517	II
17	7	10	+	18	6	13	+	952.47977	96.4	-8	155.96661	II
17	6	11	+	16	5	12	+	971.06331	78.9	-1	118.88903	II
17	10	7	+	16	11	6	+	925.65667	97.3	1	255.24183	II
17	7	10	−	16	6	11	−	973.94657	79.0	-4	134.68940	II
17	6	11	−	16	5	12	−	971.09190	79.1	-1	119.01751	II
17	5	12	−	16	6	11	−	939.76645	93.3	0	134.68940	II
17	8	9	−	16	7	10	−	976.78309	79.2	0	153.22555	II
17	13	4	+	18	14	5	+	895.96746	86.1	-1	382.46493	II
17	5	12	+	16	6	11	+	939.79281	93.2	-1	134.53249	II
17	16	1	−	18	15	4	−	977.46779	99.2	-6	423.78265	II
17	8	9	+	17	7	10	+	966.34527	79.4	-1	163.43675	II
17	11	6	+	17	12	5	+	912.48265	91.1	0	298.16326	II
17	14	3	+	18	15	4	+	893.24431	87.6	-1	423.18985	II
17	5	12	+	16	4	13	+	968.20029	79.5	-1	106.12502	II
17	8	9	+	17	9	8	+	920.85223	79.6	1	208.92997	II
17	14	3	−	18	15	4	−	893.20334	87.1	-1	423.78265	II
17	16	1	−	18	17	2	−	887.81677	90.3	0	513.43427	II
17	14	3	−	17	15	2	−	904.20408	95.6	1	412.78213	II
17	9	8	+	16	10	7	+	928.44461	98.1	-1	225.49347	II
17	9	8	−	16	10	7	−	928.38923	46.3	1	225.81794	II
17	1	16	−	17	0	17	−	952.49254	93.0	10	89.52424	II
17	7	10	+	17	8	9	+	923.67383	79.9	-8	184.77250	II
17	10	7	+	16	9	8	+	982.36647	79.9	0	198.53197	II
17	2	15	+	16	1	16	+	966.93270	97.4	-7	79.86251	II
17	11	6	−	16	12	5	−	922.81490	99.1	-3	288.19874	II
17	6	11	+	18	7	12	+	915.49973	80.0	1	174.45283	II
17	2	15	−	17	1	16	−	949.89492	80.1	7	97.00214	II
17	2	15	−	18	3	16	−	929.28804	90.9	2	117.60848	II
17	7	10	+	18	8	11	+	912.66217	80.2	-8	195.78422	II
17	11	6	−	17	12	5	−	912.42925	91.9	0	298.58470	II
17	3	14	+	16	2	15	+	964.43950	92.9	-8	87.92995	II
17	11	6	−	16	10	7	−	985.19602	80.5	0	225.81794	II
17	14	3	−	18	13	6	−	972.06785	98.7	0	344.91823	II
17	5	12	−	16	4	13	−	968.22506	80.5	-1	106.23064	II
17	9	8	−	16	8	9	−	979.60317	80.6	0	174.60388	II
17	10	7	−	16	11	6	−	925.59284	80.7	-7	255.62096	II
17	1	16	−	18	2	17	−	933.09902	80.8	-1	108.91669	II
17	10	7	−	16	9	8	−	982.40770	80.8	0	198.80678	II
17	2	15	+	16	3	14	+	950.69226	90.5	-1	96.10359	II
17	11	6	+	16	10	7	+	985.15243	80.9	0	225.49347	II
17	8	9	+	18	9	10	+	909.84213	80.9	0	219.94004	II
17	1	16	−	17	2	15	−	940.11853	71.6	-7	101.89663	II
17	9	8	−	18	8	11	−	958.20410	91.9	9	196.00391	II
17	13	4	−	18	12	7	−	969.33454	99.7	-3	309.58367	II
17	4	13	−	16	5	12	−	942.74189	92.7	-1	119.01751	II
17	14	3	−	17	13	4	−	983.06650	92.7	-4	333.91917	II
17	5	12	+	18	6	13	+	918.35889	81.4	1	155.96661	II
17	3	14	−	16	4	13	−	946.24474	87.2	8	106.23064	II
17	17	0	−	18	18	1	−	885.15604	92.7	0	562.24925	II
17	3	14	+	16	4	13	+	946.24474	87.2	-5	106.12502	II
17	0	17	+	16	1	16	+	954.67742	45.5	3	79.86251	II
17	2	15	−	16	3	14	−	950.70753	91.0	4	96.18921	II
17	10	7	+	18	11	8	+	904.24446	81.5	0	276.65401	II
17	7	10	−	17	8	9	−	923.63889	81.5	-6	184.99695	II
17	4	13	−	16	3	14	−	965.57008	81.6	-2	96.18921	II
17	6	11	−	16	7	10	−	936.88380	53.0	-2	153.22555	II
17	0	17	−	16	1	16	−	954.67742	45.5	-11	79.88216	II
17	0	17	−	18	1	18	−	934.68056	52.1	-10	99.87904	II
17	15	2	−	17	16	1	−	901.50100	98.5	-4	456.26928	II
17	9	8	+	18	10	9	+	907.03591	81.8	1	246.90239	II
17	2	15	−	17	3	14	−	939.42491	51.5	-3	107.47115	II
17	1	16	+	16	2	15	+	954.01540	72.7	-1	87.92995	II
17	7	10	+	17	6	11	+	963.50461	81.8	-8	144.94173	II
17	17	0	+	16	16	1	+	1001.47232	90.8	-1	445.15735	II
17	11	6	+	16	12	5	+	922.88592	95.5	0	287.76004	II
17	9	8	−	17	8	9	−	969.21023	87.2	1	184.99695	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
17	3	14	+	18	4	15	+	924.74489	82.2	2	127.62557	II
17	5	12	−	18	6	13	−	918.33481	82.2	1	156.12115	II
17	3	14	−	18	2	17	−	943.55726	92.5	-7	108.91669	II
17	2	15	+	17	3	14	+	939.42785	44.7	2	107.36826	II
17	8	9	−	18	7	12	−	955.37115	95.4	0	174.63749	II
17	4	13	+	18	5	14	+	921.29570	82.4	1	140.35314	II
17	9	8	−	18	10	9	−	907.00086	82.4	1	247.20630	II
17	12	5	−	17	13	4	−	909.66879	94.6	-1	333.91917	II
17	12	5	−	17	11	6	−	977.58061	94.3	0	266.00743	II
17	15	2	−	17	14	3	−	985.77888	98.5	-1	371.99170	II
17	4	13	+	16	3	14	+	965.54483	82.5	-3	96.10359	II
17	12	5	+	16	11	6	+	987.92148	82.5	0	255.24183	II
17	14	3	+	16	13	4	+	993.40402	85.0	0	323.03017	II
17	8	9	−	18	9	10	−	909.80924	82.6	1	220.19951	II
17	6	11	−	18	7	12	−	915.47212	82.6	1	174.63749	II
17	12	5	−	18	13	6	−	898.66984	84.9	0	344.91823	II
17	4	13	−	18	5	14	−	921.27674	82.7	0	140.48272	II
17	7	10	−	17	6	11	−	963.53887	82.7	-4	145.09715	II
17	16	1	+	18	17	2	+	887.85814	90.9	0	512.69623	II
17	11	6	−	17	10	7	−	974.80841	90.9	0	236.20557	II
17	13	4	−	17	14	3	−	906.92656	96.0	-2	371.99170	II
17	0	17	+	18	1	18	+	934.68056	52.1	3	99.85935	II
17	12	5	−	16	11	6	−	987.96709	83.5	0	255.62096	II
17	0	17	−	17	1	16	−	937.55756	92.1	-10	97.00214	II
17	3	14	−	17	2	15	−	950.57789	65.1	-1	101.89663	II
17	4	13	+	16	5	12	+	942.75958	91.0	-1	118.88903	II
17	9	8	+	17	10	7	+	918.04588	83.8	-2	235.89217	II
17	11	6	−	18	12	7	−	901.43023	83.8	0	309.58367	II
17	11	6	+	17	10	7	+	974.75379	91.7	0	235.89217	II
17	16	1	+	17	15	2	+	988.38987	84.5	-1	412.16441	II
17	10	7	+	17	9	8	+	971.96842	84.0	-1	208.92997	II
17	8	9	−	17	9	8	−	920.81233	84.0	1	209.19647	II
17	0	17	+	17	1	16	+	937.60557	91.6	-10	96.93305	II
18	7	12	+	19	8	11	+	911.98448	80.7	-8	207.40915	II
18	11	8	−	17	12	5	−	923.35872	98.8	-6	298.58470	II
18	3	16	−	18	4	15	−	934.81803	71.1	-1	127.73496	II
18	12	7	+	19	13	6	+	898.02569	85.7	0	356.08209	II
18	9	10	+	17	10	7	+	928.98725	80.2	1	235.89217	II
18	2	17	−	19	3	16	−	923.12780	97.9	-8	130.74271	II
18	14	5	+	18	15	4	+	904.19549	96.7	1	423.18985	II
18	14	5	−	19	15	4	−	892.51897	88.7	-1	435.39648	II
18	9	10	+	19	10	9	+	906.35490	82.3	0	258.52438	II
18	8	11	−	17	7	10	−	977.32259	80.2	0	163.62411	II
18	6	13	+	17	7	10	+	937.47189	92.4	2	163.43675	II
18	3	16	+	18	4	15	+	934.83666	71.1	1	127.62557	II
18	9	10	−	18	10	9	−	917.93480	86.8	0	247.20630	II
18	10	9	−	19	9	10	−	960.33086	80.1	9	231.81603	II
18	12	7	+	18	13	6	+	909.65371	93.0	-1	344.45403	II
18	2	17	−	18	1	18	−	953.99331	90.4	11	99.87904	II
18	7	12	+	17	8	9	+	934.62103	95.2	-9	184.77250	II
18	6	13	−	17	7	10	−	937.44067	94.1	1	163.62411	II
18	2	17	−	17	1	16	−	956.86930	74.7	1	97.00214	II
18	9	10	−	17	8	9	−	980.14419	79.9	0	184.99695	II
18	10	9	+	17	9	8	+	982.90952	79.9	0	208.92997	II
18	3	16	+	19	4	15	+	922.98449	87.0	1	139.47773	II
18	6	13	−	17	5	12	−	971.62069	79.9	-1	129.44395	II
18	3	16	−	19	2	17	−	937.26896	91.7	-4	125.28366	II
18	3	16	+	18	2	17	+	953.60603	79.9	0	108.85607	II
18	11	8	−	19	12	7	−	900.74852	85.0	0	321.19556	II
18	17	2	−	18	18	1	−	896.08899	99.1	8	562.24925	II
18	18	1	−	17	17	0	−	1004.71307	93.1	0	502.43103	II
18	9	10	+	18	10	9	+	917.97685	85.9	0	246.90239	II
18	8	11	−	19	9	10	−	909.13078	82.5	1	231.81603	II
18	16	3	−	18	17	2	−	898.74743	99.2	-4	513.43427	II
18	1	18	−	18	2	17	−	935.93498	82.5	3	108.91669	II
18	7	12	−	19	8	11	−	911.95562	82.5	-4	207.62498	II
18	14	5	−	18	15	4	−	904.13275	96.6	-2	423.78265	II
18	11	8	+	18	12	7	+	912.41088	90.8	0	309.17732	II
18	9	10	−	19	8	11	−	957.51504	84.1	-11	207.62498	II
18	13	6	−	19	12	7	−	968.65259	73.9	5	321.19556	II
18	12	7	+	17	11	6	+	988.46547	83.2	0	265.64236	II
18	9	10	+	19	8	11	+	957.46976	90.8	-4	207.40915	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
18	8	11	−	17	9	8	−	931.75053	88.0	3	209.19647	II
18	7	12	−	18	8	11	−	923.57667	82.5	-4	196.00391	II
18	6	13	−	19	7	12	−	914.79876	82.6	1	186.26607	II
18	10	9	+	18	11	8	+	915.18541	89.0	-1	276.65401	II
18	5	14	+	17	6	11	+	940.35291	93.1	-1	144.94173	II
18	6	13	+	19	5	14	+	948.88500	93.1	0	152.02345	II
18	7	12	−	19	6	13	−	951.81793	92.3	-4	167.76261	II
18	4	15	+	18	5	14	+	932.21343	73.8	0	140.35314	II
18	16	3	+	18	17	2	+	898.81700	97.3	-8	512.69623	II
18	2	17	+	18	1	18	+	953.95100	90.1	6	99.85935	II
18	16	3	−	19	17	2	−	887.13046	90.1	-2	525.05136	II
18	3	16	−	19	4	15	−	922.95979	88.3	1	139.59334	II
18	4	15	−	18	5	14	−	932.19495	57.3	2	140.48272	II
18	11	8	−	17	10	7	−	985.73847	82.6	0	236.20557	II
18	6	13	−	18	7	12	−	926.42727	78.9	0	174.63749	II
18	13	6	−	19	14	5	−	895.24371	86.2	0	394.60402	II
18	1	18	−	19	2	17	−	919.56854	93.3	8	125.28366	II
18	9	10	+	17	8	9	+	980.10673	78.8	0	184.77250	II
18	15	4	−	19	16	3	−	889.81432	90.0	-1	478.88634	II
18	18	1	+	18	17	2	+	993.62478	99.0	-9	512.69623	II
18	12	7	+	19	11	8	+	965.83010	99.2	-7	288.27702	II
18	7	12	+	17	6	11	+	974.45180	78.7	-9	144.94173	II
18	15	4	−	17	14	3	−	996.70889	86.2	-1	371.99170	II
18	17	2	−	17	16	1	−	1002.06809	91.1	-1	456.26928	II
18	7	12	−	17	8	9	−	934.58344	96.0	-6	184.99695	II
18	13	6	−	18	12	7	−	980.26371	92.2	-3	309.58367	II
18	16	3	−	17	17	0	−	909.75147	99.5	4	502.43103	II
18	7	12	+	19	6	13	+	951.78497	66.8	-11	167.60837	II
18	6	13	−	19	5	14	−	948.90932	89.9	-9	152.15449	II
18	5	14	+	17	4	13	+	968.65444	78.4	-2	116.64006	II
18	15	4	+	17	16	1	+	912.52628	78.3	0	455.57737	II
18	2	17	+	18	3	16	+	936.29083	78.3	-1	117.51884	II
18	4	15	−	17	5	12	−	943.23357	91.5	1	129.44395	II
18	11	8	+	19	12	7	+	900.78617	78.3	4	320.80243	II
18	14	5	+	18	13	6	+	982.93137	96.7	1	344.45403	II
18	4	15	+	18	3	16	+	955.04758	73.4	-2	117.51884	II
18	8	11	+	19	7	12	+	954.64179	95.6	3	186.08341	II
18	1	18	+	18	2	17	+	935.97519	88.6	-3	108.85607	II
18	5	14	−	19	6	13	−	917.66332	82.8	1	167.76261	II
18	12	7	−	18	11	8	−	977.51057	93.5	1	277.00690	II
18	14	5	−	17	13	4	−	993.99636	87.1	0	333.91917	II
18	7	12	−	17	6	11	−	974.48337	77.8	-4	145.09715	II
18	5	14	−	17	6	11	−	940.32868	92.0	0	145.09715	II
18	11	8	−	18	10	9	−	974.73778	91.6	0	247.20630	II
18	8	11	−	18	7	12	−	966.30924	84.5	0	174.63749	II
18	1	18	+	17	0	17	+	955.32761	33.6	-6	89.50341	II
18	1	18	−	17	0	17	−	955.32761	33.6	5	89.52424	II
18	16	3	−	18	15	4	−	988.39964	98.4	2	423.78265	II
18	5	14	+	19	4	15	+	945.81698	93.5	0	139.47773	II
18	2	17	+	17	1	16	+	956.87648	70.0	-3	96.93305	II
18	10	9	+	19	11	8	+	903.56251	83.2	0	288.27702	II
18	16	3	−	17	15	2	−	999.39988	89.8	0	412.78213	II
18	6	13	+	18	7	12	+	926.45568	77.2	0	174.45283	II
18	2	17	+	17	3	14	+	946.44100	97.1	-5	107.36826	II
18	4	15	−	19	3	16	−	941.93526	93.6	5	130.74271	II
18	5	14	−	19	4	15	−	945.83255	91.0	0	139.59334	II
18	11	8	+	19	10	9	+	963.06386	96.8	0	258.52438	II
18	18	1	+	19	19	0	+	881.87162	93.6	1	624.45041	II
18	10	9	−	18	9	10	−	971.94630	88.2	-2	220.19951	II
18	6	13	−	18	5	14	−	960.58195	77.1	-1	140.48272	II
18	8	11	−	18	9	10	−	920.74722	84.7	0	220.19951	II
18	9	10	+	18	8	11	+	969.09509	86.5	0	195.78422	II
18	10	9	−	19	11	8	−	903.52677	83.5	1	288.61931	II
18	6	13	+	18	5	14	+	960.55530	77.0	0	140.35314	II
18	18	1	+	19	17	2	+	981.97963	99.3	-1	524.34223	II
18	12	7	+	17	13	4	+	920.67051	99.3	-5	333.43679	II
18	2	17	−	18	3	16	−	936.26314	73.2	3	117.60848	II
18	5	14	−	18	6	13	−	929.30475	76.8	0	156.12115	II
18	14	5	+	19	15	4	+	892.55933	88.2	-1	434.82584	II
18	18	1	−	19	19	0	−	881.83075	93.7	1	625.31345	II
18	2	17	−	19	1	18	−	934.41559	76.6	2	119.45590	II
18	12	7	−	17	11	6	−	988.50995	83.6	0	266.00743	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
18	13	6	+	19	14	5	+	895.28322	86.5	0	394.09665	II
18	4	15	+	19	5	14	+	920.54326	76.6	1	152.02345	II
18	3	16	+	17	4	13	+	945.82205	91.0	0	116.64006	II
18	8	11	+	17	7	10	+	977.28816	76.6	0	163.43675	II
18	11	8	+	18	10	9	+	974.68587	91.3	0	246.90239	II
18	4	15	−	17	3	14	−	965.20620	84.6	-1	107.47115	II
18	5	14	+	18	6	13	+	929.32809	76.5	0	155.96661	II
18	14	5	+	17	13	4	+	993.94839	86.6	-1	333.43679	II
18	15	4	+	18	14	5	+	985.63877	97.9	0	382.46493	II
18	2	17	−	17	3	14	−	946.40000	94.3	-2	107.47115	II
18	5	14	−	18	4	15	−	957.69085	76.3	0	127.73496	II
18	13	6	+	18	14	5	+	906.91488	95.5	-1	382.46493	II
18	10	9	−	18	11	8	−	915.13909	89.5	0	277.00690	II
18	4	15	+	19	3	16	+	941.93772	93.9	-4	130.62853	II
18	9	10	−	19	10	9	−	906.32103	83.1	0	258.82013	II
18	11	8	−	18	12	7	−	912.36031	91.3	-1	309.58367	II
18	16	3	+	17	15	2	+	999.34964	86.7	0	412.16441	II
18	11	8	−	19	10	9	−	963.12415	97.8	2	258.82013	II
18	15	4	−	18	16	3	−	901.43023	83.8	5	467.27103	II
18	6	13	+	17	5	12	+	971.59331	69.3	-1	129.31504	II
18	16	3	+	19	17	2	+	887.17174	91.1	0	524.34223	II
18	3	16	+	19	2	17	+	937.28406	91.3	-3	125.17774	II
18	16	3	+	17	17	0	+	909.85358	96.9	2	501.66067	II
18	8	11	+	18	7	12	+	966.27206	83.0	0	174.45283	II
18	2	17	+	19	1	18	+	934.42291	75.6	0	119.38691	II
18	14	5	−	18	13	6	−	982.99737	94.0	1	344.91823	II
18	3	16	−	17	4	13	−	945.80365	83.0	0	116.74937	II
18	4	15	+	17	5	12	+	943.25147	91.1	-1	129.31504	II
18	13	6	−	18	14	5	−	906.85651	92.5	1	382.99131	II
18	3	16	−	17	2	15	−	960.65587	85.2	-6	101.89663	II
18	18	1	+	17	17	0	+	1004.66127	92.6	0	501.66067	II
18	15	4	+	19	16	3	+	889.85519	88.8	0	478.24842	II
18	11	8	+	17	10	7	+	985.69609	81.7	0	235.89217	II
18	9	10	−	17	10	7	−	928.93547	97.8	-1	236.20557	II
18	12	7	−	18	13	6	−	909.59921	92.6	0	344.91823	II
18	4	15	−	19	5	14	−	920.52303	84.7	1	152.15449	II
18	7	12	−	18	6	13	−	963.45936	81.6	-5	156.12115	II
18	13	6	−	17	12	5	−	991.26298	84.7	0	298.58470	II
18	5	14	+	18	4	15	+	957.66911	75.3	0	127.62557	II
18	5	14	+	19	6	13	+	917.68633	82.1	0	167.60837	II
18	10	9	−	17	9	8	−	982.94955	81.6	0	209.19647	II
18	1	18	−	19	0	19	−	934.18026	38.6	3	110.67143	II
18	8	11	+	19	9	10	+	909.16251	82.1	0	231.56247	II
18	7	12	+	18	8	11	+	923.60938	81.5	-8	195.78422	II
18	6	13	+	19	7	12	+	914.82513	82.1	1	186.08341	II
18	10	9	−	17	11	6	−	926.13873	98.4	1	266.00743	II
18	17	2	−	19	18	1	−	884.46902	92.7	0	573.86841	II
18	1	18	+	19	0	19	+	934.18026	38.6	-2	110.65109	II
18	4	15	+	17	3	14	+	965.19815	83.4	-2	107.36826	II
18	13	6	+	17	12	5	+	991.21660	84.7	-1	298.16326	II
18	7	12	+	18	6	13	+	963.42698	81.2	-8	155.96661	II
18	9	10	−	18	8	11	−	969.13728	87.5	1	196.00391	II
18	12	7	−	19	13	6	−	897.98704	85.1	-1	356.53027	II
18	10	9	+	18	9	10	+	971.89949	88.8	0	219.94004	II
18	11	8	+	17	12	5	+	923.42495	99.0	0	298.16326	II
18	3	16	−	18	2	17	−	953.63661	81.1	2	108.91669	II
18	14	5	+	17	15	2	+	915.22072	92.8	-1	412.16441	II
18	15	4	+	17	14	3	+	996.65967	85.6	-1	371.44386	II
18	12	7	+	18	11	8	+	977.45377	91.1	0	276.65401	II
18	5	14	−	17	4	13	−	968.67640	80.9	-1	116.74937	II
18	4	15	−	18	3	16	−	955.06890	75.2	-1	117.60848	II
18	8	11	+	18	9	10	+	920.78487	83.4	0	219.94004	II
18	8	11	+	17	9	8	+	931.79520	96.3	2	208.92997	II
19	11	8	+	18	10	9	+	986.23561	81.7	0	246.90239	II
19	1	18	+	18	2	17	+	955.40770	68.2	-2	108.85607	II
19	16	3	+	20	15	6	+	976.00709	94.6	-6	447.07253	II
19	2	17	+	18	3	16	+	952.51490	69.0	1	117.51884	II
19	13	6	−	19	14	5	−	906.78193	94.6	0	394.60402	II
19	1	18	−	18	2	17	−	955.41722	69.6	-2	108.91669	II
19	13	6	+	20	12	9	+	967.89614	70.1	6	333.03876	II
19	19	0	−	18	18	1	−	1007.87488	94.8	2	562.24925	II
19	19	0	+	18	18	1	+	1007.82272	94.4	1	561.43256	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
19	2	17	−	18	3	16	−	952.53277	87.1	-2	117.60848	II
19	9	10	−	19	10	9	−	917.86467	72.5	0	258.82013	II
19	18	1	−	19	17	2	−	993.63643	99.4	0	525.05136	II
19	6	13	−	18	7	12	−	937.99607	94.3	0	174.63749	II
19	5	14	−	18	4	15	−	969.28968	72.9	-1	127.73496	II
19	18	1	−	20	19	2	−	881.13879	94.2	1	637.54909	II
19	7	12	+	20	6	15	+	951.08485	96.0	-7	179.86671	II
19	2	17	−	19	3	16	−	939.39877	62.0	0	130.74271	II
19	3	16	+	19	2	17	+	950.30704	61.8	0	125.17774	II
19	11	8	+	20	12	9	+	900.09915	73.8	-1	333.03876	II
19	4	15	+	19	5	14	+	932.31986	73.9	-1	152.02345	II
19	17	2	−	19	16	3	−	990.99298	99.4	-2	478.88634	II
19	4	15	+	19	3	16	+	953.71473	74.0	-1	130.62853	II
19	13	6	+	18	14	5	+	918.46858	94.1	-8	382.46493	II
19	5	14	−	19	4	15	−	957.43161	74.3	2	139.59334	II
19	4	15	−	19	5	14	−	932.30605	74.3	0	152.15449	II
19	7	12	+	18	8	11	+	935.16759	87.1	-5	195.78422	II
19	6	13	−	20	5	16	−	948.20625	94.1	-3	164.42701	II
19	14	5	−	18	13	6	−	994.53598	87.3	0	344.91823	II
19	8	11	−	20	7	14	−	953.98486	96.9	0	198.51025	II
19	5	14	+	19	4	15	+	957.41425	75.4	-1	139.47773	II
19	4	15	−	19	3	16	−	953.71770	75.6	-1	130.74271	II
19	1	18	+	20	2	19	+	932.18823	75.8	0	132.07571	II
19	5	14	+	19	6	13	+	929.28369	75.9	0	167.60837	II
19	5	14	−	20	4	17	−	945.30852	94.0	-1	151.71616	II
19	6	13	+	19	7	12	+	926.39398	76.3	-2	186.08341	II
19	2	17	+	19	3	16	+	939.40513	60.7	0	130.62853	II
19	3	16	−	18	2	17	−	966.68353	87.3	-5	108.91669	II
19	5	14	−	19	6	13	−	929.26220	76.7	1	167.76261	II
19	18	1	+	19	17	2	+	993.55559	97.0	-4	524.34223	II
19	17	2	+	18	18	1	+	907.73277	99.6	-1	561.43256	II
19	5	14	−	20	6	15	−	917.00371	76.9	0	180.02109	II
19	6	13	+	18	7	12	+	938.02474	93.6	0	174.45283	II
19	18	1	+	20	19	2	+	881.17968	93.6	1	636.71870	II
19	8	11	+	18	7	12	+	977.82418	77.5	-1	174.45283	II
19	8	11	−	18	9	10	−	932.29530	96.5	-2	220.19951	II
19	6	13	−	19	7	12	−	926.36757	77.7	1	186.26607	II
19	0	19	−	19	1	18	−	936.11821	93.5	-8	119.45590	II
19	8	11	+	18	9	10	+	932.33650	87.1	-6	219.94004	II
19	6	13	+	19	5	14	+	960.45407	78.0	0	152.02345	II
19	6	13	−	19	5	14	−	960.47909	78.3	0	152.15449	II
19	6	13	+	18	5	14	+	972.12431	78.3	-1	140.35314	II
19	6	13	−	18	5	14	−	972.15059	78.3	-2	140.48272	II
19	7	12	−	18	6	13	−	975.01518	78.5	-6	156.12115	II
19	14	5	+	19	15	4	+	904.11719	96.4	0	434.82584	II
19	9	10	+	20	8	13	+	956.78044	88.8	-7	219.64767	II
19	7	12	+	18	6	13	+	974.98481	78.7	-9	155.96661	II
19	15	4	+	19	16	3	+	901.41668	97.3	-3	478.24842	II
19	19	0	+	20	20	1	+	878.56453	93.3	1	690.69077	II
19	13	6	−	20	12	9	−	967.96560	99.2	-1	333.42027	II
19	4	15	+	20	3	18	+	943.00111	93.1	-1	141.34213	II
19	16	3	+	19	17	2	+	898.73707	97.4	-9	524.34223	II
19	17	2	−	20	18	3	−	883.77803	93.1	0	586.10142	II
19	1	18	+	19	2	17	+	939.08579	79.8	-4	125.17774	II
19	12	7	−	19	11	8	−	977.43663	93.1	1	288.61931	II
19	18	1	−	18	17	2	−	1005.25345	93.0	0	513.43427	II
19	9	10	+	18	8	11	+	980.64459	79.9	0	195.78422	II
19	9	10	−	18	10	9	−	929.47853	97.4	1	247.20630	II
19	4	15	+	20	5	16	+	920.04843	80.1	-2	164.29470	II
19	12	7	+	19	11	8	+	977.38248	92.9	0	288.27702	II
19	7	12	+	19	6	13	+	963.34312	80.2	-8	167.60837	II
19	3	16	+	19	4	15	+	936.00723	55.9	2	139.47773	II
19	3	16	−	19	4	15	−	936.00723	55.9	-2	139.59334	II
19	5	14	+	20	4	17	+	945.29011	92.9	3	151.60225	II
19	6	13	+	20	7	14	+	914.14853	80.2	0	198.32898	II
19	7	12	+	19	8	11	+	923.54233	80.7	-8	207.40915	II
19	16	3	−	19	15	4	−	988.32579	95.3	-4	435.39648	II
19	12	7	−	19	13	6	−	909.52555	92.8	0	356.53027	II
19	5	14	+	18	4	15	+	969.26643	80.8	-1	127.62557	II
19	7	12	−	19	8	11	−	923.51139	80.8	-5	207.62498	II
19	5	14	−	18	6	13	−	940.90363	92.8	0	156.12115	II
19	4	15	−	20	5	16	−	920.03283	81.0	-7	164.42701	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
19	3	16	−	20	4	17	−	923.88452	81.0	-1	151.71616	II
19	12	7	+	20	11	10	+	965.14845	99.7	5	300.51157	II
19	13	6	−	19	12	7	−	980.19040	95.0	0	321.19556	II
19	8	11	−	18	7	12	−	977.85749	81.1	-1	174.63749	II
19	12	7	−	18	13	6	−	921.13745	99.1	-1	344.91823	II
19	10	9	+	18	9	10	+	983.44841	81.5	0	219.94004	II
19	12	7	+	19	13	6	+	909.57732	92.6	-1	356.08209	II
19	17	2	+	19	18	1	+	896.08078	99.1	-4	573.08421	II
19	17	2	+	19	16	3	+	990.91722	97.6	2	478.24842	II
19	9	10	−	18	8	11	−	980.68084	81.0	0	196.00391	II
19	7	12	−	19	6	13	−	963.37377	81.7	-5	167.76261	II
19	2	17	+	19	1	18	+	950.64705	81.8	3	119.38691	II
19	15	4	−	19	16	3	−	901.35375	97.6	-1	478.88634	II
19	17	2	−	19	18	1	−	896.01112	97.6	0	573.86841	II
19	19	0	−	20	20	1	−	878.52405	92.5	3	691.60018	II
19	13	6	−	20	14	7	−	894.55631	87.8	0	406.82968	II
19	0	19	−	20	1	20	−	933.46834	45.2	-5	122.10605	II
19	7	12	+	20	8	13	+	911.30384	82.1	-8	219.64767	II
19	13	6	+	20	14	7	+	894.59504	87.8	-1	406.33921	II
19	10	9	−	18	9	10	−	983.48731	82.3	0	220.19951	II
19	0	19	+	20	1	20	+	933.46834	45.2	4	122.08644	II
19	17	2	+	20	18	3	+	883.81899	92.4	0	585.34646	II
19	0	19	+	19	1	18	+	936.16638	92.4	-11	119.38691	II
19	3	16	−	18	4	15	−	947.86584	92.4	1	127.73496	II
19	11	8	+	18	12	7	+	923.96056	97.7	-1	309.17732	II
19	14	5	−	19	15	4	−	904.05768	96.1	-1	435.39648	II
19	11	8	−	18	10	9	−	986.27693	82.8	0	247.20630	II
19	8	11	+	20	9	12	+	908.47956	82.8	0	243.79756	II
19	11	8	−	18	12	7	−	923.89944	99.0	-1	309.58367	II
19	8	11	+	19	9	10	+	920.71463	82.9	0	231.56247	II
19	8	11	+	19	7	12	+	966.19371	83.1	0	186.08341	II
19	4	15	−	20	3	18	−	943.02448	88.1	-3	141.43574	II
19	9	10	+	20	10	11	+	905.67044	83.2	0	270.75838	II
19	4	15	−	18	5	14	−	943.97762	83.2	-2	140.48272	II
19	12	7	+	18	11	8	+	989.00549	83.2	0	276.65401	II
19	14	5	+	20	13	8	+	970.62252	99.0	6	368.32115	II
19	5	14	+	18	6	13	+	940.92538	91.9	-1	155.96661	II
19	15	4	+	20	14	7	+	973.32514	99.0	-10	406.33921	II
19	15	4	−	19	14	5	−	985.63639	97.8	2	394.60402	II
19	7	12	−	20	8	13	−	911.27605	83.4	-4	219.86041	II
19	8	11	−	20	9	12	−	908.44896	83.4	1	244.04615	II
19	1	18	−	19	2	17	−	939.04961	83.5	-8	125.28366	II
19	16	3	+	18	15	4	+	999.88982	83.5	-5	423.18985	II
19	2	17	−	19	1	18	−	950.68634	83.6	8	119.45590	II
19	0	19	+	18	1	18	+	955.69530	33.9	3	99.85935	II
19	10	9	+	20	9	12	+	959.59107	98.5	2	243.79756	II
19	15	4	+	18	16	3	+	913.05835	99.7	6	466.60765	II
19	5	14	+	20	6	15	+	917.02541	83.8	0	179.86671	II
19	17	2	+	18	16	3	+	1002.55759	91.7	-2	466.60765	II
19	14	5	−	19	13	6	−	982.92427	84.0	3	356.53027	II
19	6	13	−	20	7	14	−	914.12337	84.0	1	198.51025	II
19	16	3	+	20	17	4	+	886.48126	91.6	-1	536.59884	II
19	8	11	−	19	7	12	−	966.22895	84.0	0	186.26607	II
19	9	10	−	20	10	11	−	905.63771	84.0	1	271.04712	II
19	3	16	+	20	2	19	+	943.40942	98.9	3	132.07571	II
19	12	7	−	18	11	8	−	989.04898	84.2	1	277.00690	II
19	18	1	+	18	17	2	+	1005.20252	91.4	5	512.69623	II
19	8	11	−	19	9	10	−	920.67907	84.2	0	231.81603	II
19	10	9	+	20	11	10	+	902.87692	84.3	0	300.51157	II
19	11	8	−	19	12	7	−	912.28763	91.3	0	321.19556	II
19	0	19	−	18	1	18	−	955.69530	33.9	-5	99.87904	II
19	4	15	+	18	3	16	+	966.82432	84.4	-2	117.51884	II
19	11	8	−	19	10	9	−	974.66315	91.1	1	258.82013	II
19	3	16	+	18	4	15	+	947.85925	91.1	0	127.62557	II
19	13	6	+	18	12	7	+	991.75696	84.6	0	309.17732	II
19	13	6	−	18	12	7	−	991.80235	84.7	0	309.58367	II
19	15	4	−	20	16	5	−	889.12520	90.9	-1	491.11496	II
19	16	3	−	20	17	4	−	886.44056	90.9	-1	537.28202	II
19	10	9	−	20	11	10	−	902.84221	85.0	0	300.84464	II
19	11	8	+	19	10	9	+	974.61360	90.8	0	258.52438	II
19	11	8	+	19	12	7	+	912.33554	90.8	0	320.80243	II
19	9	10	+	19	10	9	+	917.90437	85.2	-1	258.52438	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
19	10	9	−	19	11	8	−	915.06751	88.7	0	288.61931	II
19	10	9	+	19	9	10	+	971.82611	85.3	1	231.56247	II
19	7	12	−	20	6	15	−	951.11540	85.3	-4	180.02109	II
19	15	4	−	18	14	5	−	997.24883	88.7	-1	382.99131	II
19	16	3	−	18	15	4	−	999.93996	90.6	-1	423.78265	II
19	15	4	+	18	14	5	+	997.20037	88.5	-1	382.46493	II
19	4	15	−	18	3	16	−	966.85198	85.6	-1	117.60848	II
19	9	10	+	19	8	11	+	969.01969	85.7	0	207.40915	II
19	15	4	+	20	16	5	+	889.16553	90.4	0	490.49982	II
19	9	10	−	20	8	13	−	956.82349	90.4	-9	219.86041	II
19	10	9	+	19	11	8	+	915.11137	87.5	-1	288.27702	II
19	12	7	+	20	13	8	+	897.33834	86.3	0	368.32115	II
19	17	2	−	18	16	3	−	1002.60855	89.8	1	467.27103	II
19	2	17	−	20	3	18	−	928.70629	89.7	6	141.43574	II
19	14	5	+	19	13	6	+	982.86101	95.1	1	356.08209	II
19	2	17	+	20	3	18	+	928.69151	89.6	0	141.34213	II
19	16	3	+	19	15	4	+	988.25420	98.2	-2	434.82584	II
19	9	10	−	19	8	11	−	969.05982	86.6	0	207.62498	II
19	10	9	−	19	9	10	−	971.87087	89.5	1	231.81603	II
19	14	5	+	18	13	6	+	994.48888	86.7	-1	344.45403	II
19	12	7	−	20	13	8	−	897.30066	86.8	0	368.75515	II
19	14	5	−	20	15	6	−	891.83080	89.2	0	447.62341	II
19	4	15	+	18	5	14	+	943.99013	89.2	-1	140.35314	II
19	14	5	+	20	15	6	+	891.87047	88.6	0	447.07253	II
19	13	6	+	19	12	7	+	980.13181	94.8	-1	320.80243	II
19	6	13	+	20	5	16	+	948.18280	94.7	-1	164.29470	II
19	3	16	−	19	2	17	−	950.31701	63.5	-1	125.28366	II
19	13	6	+	19	14	5	+	906.83754	94.7	-1	394.09665	II
20	2	19	+	21	3	18	+	920.35761	87.5	8	156.52912	II
20	6	15	+	21	7	14	+	913.46928	83.6	0	211.19011	II
20	2	19	+	20	1	20	+	954.79988	91.8	4	122.08644	II
20	10	11	+	20	9	12	+	971.74803	88.2	0	243.79756	II
20	8	13	+	20	9	12	+	920.64142	83.4	0	243.79756	II
20	4	17	−	20	5	16	−	932.08279	65.7	2	164.42701	II
20	1	20	+	20	2	19	+	934.84213	91.0	-5	132.07571	II
20	14	7	−	19	13	6	−	995.07169	87.6	-1	356.53027	II
20	7	14	−	21	8	13	−	910.59359	83.4	-5	232.71047	II
20	2	19	−	20	1	20	−	954.84372	91.9	9	122.10605	II
20	11	10	−	19	10	9	−	986.81137	83.2	0	258.82013	II
20	1	20	−	20	2	19	−	934.79972	92.0	-6	132.13776	II
20	3	18	−	19	4	15	−	946.63990	90.9	0	139.59334	II
20	12	9	−	20	13	8	−	909.44798	92.1	-1	368.75515	II
20	16	5	−	19	15	4	−	1000.47612	90.9	-1	435.39648	II
20	7	14	+	21	8	13	+	910.62035	82.9	-8	232.50016	II
20	10	11	−	19	11	8	−	927.21687	97.8	-8	288.61931	II
20	12	9	−	19	11	8	−	989.58396	84.9	1	288.61931	II
20	16	5	−	20	17	4	−	898.59079	97.8	1	537.28202	II
20	10	11	−	20	11	10	−	914.99242	84.9	1	300.84464	II
20	10	11	−	19	9	10	−	984.02092	82.7	0	231.81603	II
20	16	5	−	21	17	4	−	885.74667	92.2	0	550.12600	II
20	10	11	+	19	11	8	+	927.26898	95.2	4	288.27702	II
20	4	17	+	21	5	16	+	919.17190	84.9	-2	177.22204	II
20	10	11	+	21	11	10	+	902.18779	82.6	1	313.35787	II
20	15	6	−	21	16	5	−	888.43225	90.8	0	503.95668	II
20	11	10	+	19	10	9	+	986.77112	82.5	0	258.52438	II
20	16	5	+	21	17	4	+	885.78683	92.3	-1	549.46618	II
20	3	18	+	20	4	17	+	934.53625	71.7	2	151.60225	II
20	10	11	+	21	9	12	+	958.90040	96.7	4	256.64559	II
20	8	13	+	20	7	14	+	966.11004	82.4	0	198.32898	II
20	5	16	+	19	6	13	+	941.47833	90.8	-2	167.60837	II
20	14	7	+	20	13	8	+	982.78649	96.1	-1	368.32115	II
20	3	18	+	20	2	19	+	954.06260	82.3	0	132.07571	II
20	20	1	+	21	21	0	+	875.27765	95.3	3	760.12946	II
20	5	16	−	19	4	15	−	969.62749	82.0	-1	139.59334	II
20	17	4	+	19	16	3	+	1003.09454	92.5	-1	478.24842	II
20	17	4	+	20	18	3	+	895.99653	97.6	-1	585.34646	II
20	9	12	−	19	8	11	−	981.21316	81.9	0	207.62498	II
20	8	13	−	20	9	12	−	920.60790	81.9	2	244.04615	II
20	1	20	+	21	0	21	+	932.90680	38.1	-1	134.01145	II
20	4	17	−	21	5	16	−	919.15310	81.8	4	177.35688	II
20	2	19	−	20	3	18	−	935.51301	81.8	-1	141.43574	II
20	18	3	+	21	19	2	+	880.48356	94.5	2	649.59774	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
20	20	1	−	21	21	0	−	875.23726	96.3	3	761.08524	II
20	17	4	+	20	16	5	+	990.84333	98.7	1	490.49982	II
20	15	6	+	21	14	7	+	972.64165	99.5	5	419.19272	II
20	18	3	−	20	17	4	−	993.56006	99.5	7	537.28202	II
20	9	12	+	21	8	13	+	956.08710	95.8	1	232.50016	II
20	9	12	−	19	10	9	−	930.01817	97.6	1	258.82013	II
20	7	14	+	20	8	13	+	923.47283	81.5	-8	219.64767	II
20	2	19	+	19	3	16	+	946.25748	97.6	1	130.62853	II
20	8	13	+	21	9	12	+	907.79326	81.5	-2	256.64559	II
20	5	16	+	19	4	15	+	969.60909	81.4	-1	139.47773	II
20	18	3	−	20	19	2	−	893.29143	99.1	-8	637.54909	II
20	10	11	+	19	9	10	+	983.98308	81.3	0	231.56247	II
20	13	8	+	21	14	7	+	893.90301	88.5	-1	419.19272	II
20	9	12	−	20	10	11	−	917.79066	81.2	-4	271.04712	II
20	11	10	−	20	12	9	−	912.21146	88.8	3	333.42027	II
20	12	9	+	20	11	10	+	977.30703	92.7	1	300.51157	II
20	8	13	−	19	7	12	−	978.38778	81.0	0	186.26607	II
20	8	13	−	19	9	10	−	932.83787	96.5	0	231.81603	II
20	9	12	+	19	10	9	+	930.06270	97.5	-1	258.52438	II
20	7	14	+	20	6	15	+	963.25375	80.9	-9	179.86671	II
20	7	14	−	20	6	15	−	963.28291	80.9	-6	180.02109	II
20	13	8	−	19	12	7	−	992.33777	85.6	0	321.19556	II
20	16	5	+	19	15	4	+	1000.42709	90.5	-1	434.82584	II
20	9	12	+	20	10	11	+	917.82882	80.8	0	270.75838	II
20	12	9	+	20	13	8	+	909.49733	92.8	0	368.32115	II
20	1	20	−	21	0	21	−	932.90680	38.1	1	134.03138	II
20	9	12	+	19	8	11	+	981.17802	80.8	0	207.40915	II
20	19	2	+	19	18	1	+	1008.35951	92.8	0	573.08421	II
20	17	4	−	19	16	3	−	1003.14481	92.8	0	478.88634	II
20	4	17	−	21	3	18	−	939.85483	92.8	0	156.65478	II
20	14	7	+	20	15	6	+	904.03525	95.2	1	447.07253	II
20	2	19	+	20	3	18	+	935.54373	80.4	0	141.34213	II
20	19	2	+	21	20	1	+	877.86751	95.0	1	703.57628	II
20	7	14	−	20	8	13	−	923.44359	80.3	-6	219.86041	II
20	6	15	+	20	5	16	+	960.36480	66.6	2	164.29470	II
20	6	15	+	19	5	14	+	972.63581	80.2	-1	152.02345	II
20	3	18	+	21	4	17	+	921.25699	90.4	0	164.88131	II
20	11	10	+	21	10	11	+	961.69092	95.0	1	283.60462	II
20	11	10	+	21	12	9	+	899.40900	85.8	0	345.88648	II
20	13	8	+	19	12	7	+	992.29336	85.8	0	320.80243	II
20	20	1	−	19	19	0	−	1011.00900	95.7	2	625.31345	II
20	7	14	+	19	6	13	+	975.51207	79.9	-9	167.60837	II
20	6	15	+	19	7	12	+	938.57589	93.0	0	186.08341	II
20	3	18	−	21	2	19	−	935.15179	90.4	-2	151.08130	II
20	7	14	+	19	8	11	+	935.71131	95.3	-9	207.40915	II
20	4	17	+	19	3	16	+	965.76600	79.8	4	130.62853	II
20	4	17	−	19	3	16	−	965.76600	79.8	-9	130.74271	II
20	16	5	−	19	17	2	−	910.82097	99.2	-4	525.05136	II
20	3	18	+	19	4	15	+	946.66086	86.0	3	139.47773	II
20	6	15	−	19	5	14	−	972.66104	79.6	0	152.15449	II
20	7	14	−	19	6	13	−	975.54139	79.5	-5	167.76261	II
20	11	10	+	20	10	11	+	974.53722	90.3	1	270.75838	II
20	8	13	+	19	7	12	+	978.35555	79.3	0	186.08341	II
20	9	12	−	20	8	13	−	968.97773	86.0	0	219.86041	II
20	6	15	−	20	7	14	−	926.30534	79.4	1	198.51025	II
20	15	6	+	20	14	7	+	985.49458	97.3	-1	406.33921	II
20	11	10	−	20	10	11	−	974.58431	90.1	0	271.04712	II
20	17	4	+	21	18	3	+	883.12364	93.2	0	598.21944	II
20	11	10	+	20	12	9	+	912.25669	90.1	0	333.03876	II
20	19	2	+	20	18	3	+	996.09740	97.3	1	585.34646	II
20	10	11	−	21	11	10	−	902.15408	86.1	1	313.68290	II
20	13	8	+	20	14	7	+	906.75638	93.3	-2	406.33921	II
20	13	8	−	20	14	7	−	906.70333	90.1	-3	406.82968	II
20	15	6	+	20	16	5	+	901.33387	95.0	-2	490.49982	II
20	8	13	+	19	9	10	+	932.87658	95.0	0	231.56247	II
20	18	3	−	21	19	2	−	880.44291	95.0	2	650.39860	II
20	18	3	+	20	19	2	+	893.36226	99.2	-2	636.71870	II
20	16	5	+	20	17	4	+	898.65422	98.2	0	536.59884	II
20	6	15	−	20	5	16	−	960.38853	78.8	0	164.42701	II
20	4	17	+	20	3	18	+	955.05163	57.6	-4	141.34213	II
20	19	2	−	20	18	3	−	996.17914	97.3	8	586.10142	II
20	17	4	−	21	18	3	−	883.08316	93.4	0	598.94801	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
20	19	2	−	21	20	1	−	877.82716	93.4	3	704.45289	II
20	15	6	+	21	16	5	+	888.47182	89.9	-1	503.36200	II
20	14	7	−	21	15	6	−	891.13869	89.9	-1	460.46327	II
20	6	15	+	20	7	14	+	926.33037	78.3	0	198.32898	II
20	5	16	+	20	6	15	+	929.22024	70.6	0	179.86671	II
20	11	10	−	21	12	9	−	899.37371	86.3	0	346.25777	II
20	9	12	−	21	8	13	−	956.12760	97.2	-1	232.71047	II
20	12	9	−	21	11	10	−	964.52040	98.2	1	313.68290	II
20	15	6	−	20	16	5	−	901.27379	97.2	-2	491.11496	II
20	3	18	−	20	2	19	−	954.09590	77.9	4	132.13776	II
20	5	16	+	21	4	17	+	944.20562	93.5	0	164.88131	II
20	1	20	+	19	0	19	+	956.26685	29.5	-4	110.65109	II
20	18	3	+	19	17	2	+	1005.73880	93.6	-1	524.34223	II
20	14	7	−	20	15	6	−	903.97866	96.2	1	447.62341	II
20	16	5	−	20	15	6	−	988.24984	94.6	6	447.62341	II
20	12	9	+	21	13	8	+	896.64754	77.2	4	381.17134	II
20	1	20	−	19	0	19	−	956.26685	29.5	2	110.67143	II
20	13	8	−	21	12	9	−	967.27584	99.3	3	346.25777	II
20	5	16	+	21	6	15	+	916.34260	76.9	1	192.74438	II
20	2	19	−	21	3	18	−	920.29402	76.8	-1	156.65478	II
20	18	3	−	19	17	2	−	1005.78993	93.7	0	525.05136	II
20	13	8	+	21	12	9	+	967.21001	99.3	7	345.88648	II
20	5	16	−	19	6	13	−	941.45894	60.6	6	167.76261	II
20	2	19	−	19	3	16	−	946.20571	98.2	-5	130.74271	II
20	14	7	+	21	13	8	+	969.93553	99.6	-9	381.17134	II
20	19	2	−	19	18	1	−	1008.41188	94.6	6	573.86841	II
20	5	16	−	20	6	15	−	929.19986	76.4	0	180.02109	II
20	15	6	−	19	14	5	−	997.78484	89.5	-1	394.60402	II
20	4	17	+	21	3	18	+	939.86478	94.6	-2	156.52912	II
20	15	6	+	19	14	5	+	997.73717	89.0	-1	394.09665	II
20	18	3	+	19	19	0	+	905.63084	99.6	1	624.45041	II
20	14	7	+	19	13	6	+	995.02551	86.7	-1	356.08209	II
20	8	13	+	21	7	14	+	953.24937	75.8	5	211.19011	II
20	20	1	+	19	19	0	+	1010.95659	95.9	1	624.45041	II
20	3	18	+	21	2	19	+	935.16759	87.1	-5	150.97019	II
20	8	13	−	20	7	14	−	966.14353	75.2	-1	198.51025	II
20	7	14	−	19	8	11	−	935.67902	95.4	-5	207.62498	II
20	5	16	+	20	4	17	+	957.48480	75.1	1	151.60225	II
20	13	8	−	20	12	9	−	980.11307	94.8	1	333.42027	II
20	19	2	+	20	20	1	+	890.75392	99.4	10	690.69077	II
20	14	7	+	21	15	6	+	891.17757	88.6	-1	459.93008	II
20	3	18	−	19	2	17	−	960.94926	86.8	-4	125.28366	II
20	6	15	−	19	7	12	−	938.54947	94.1	0	186.26607	II
20	2	19	+	19	1	18	+	957.49894	67.2	0	119.38691	II
20	5	16	−	20	4	17	−	957.50462	69.1	-1	151.71616	II
20	5	16	−	21	4	17	−	944.21561	94.1	0	165.00525	II
20	14	7	−	20	13	8	−	982.84692	94.6	0	368.75515	II
20	16	5	+	20	15	6	+	988.18065	98.4	1	447.07253	II
20	4	17	−	20	3	18	−	955.07389	74.4	0	141.43574	II
20	17	4	−	19	18	1	−	908.16251	95.4	-2	573.86841	II
20	2	19	−	21	1	20	−	932.85243	74.3	1	144.09658	II
20	3	18	−	20	4	17	−	934.51717	74.2	0	151.71616	II
20	3	18	−	21	4	17	−	921.22815	88.6	1	165.00525	II
20	2	19	+	21	1	20	+	932.85756	73.4	0	144.02837	II
20	2	19	−	19	1	18	−	957.49301	65.0	0	119.45590	II
20	4	17	+	20	5	16	+	932.09921	73.1	-2	164.29470	II
20	6	15	−	21	5	16	−	947.45871	94.7	1	177.35688	II
20	13	8	+	20	12	9	+	980.05706	94.8	0	333.03876	II
20	15	6	−	19	16	3	−	913.50258	96.8	0	478.88634	II
20	7	14	−	21	6	15	−	950.40472	91.3	-5	192.89937	II
20	4	17	−	19	5	14	−	944.35509	91.3	0	152.15449	II
20	10	11	+	20	11	10	+	915.03402	88.3	0	300.51157	II
20	9	12	+	20	8	13	+	968.93962	84.4	1	219.64767	II
20	8	13	−	21	9	12	−	907.76386	84.2	0	256.89005	II
20	12	9	+	19	11	8	+	989.54152	84.2	0	288.27702	II
20	12	9	+	21	11	10	+	964.46106	98.9	4	313.35787	II
20	10	11	−	20	9	12	−	971.79085	88.7	1	244.04615	II
20	9	12	−	21	10	11	−	904.95085	84.1	0	283.88735	II
20	12	9	−	21	13	8	−	896.61075	84.5	3	381.59278	II
20	8	13	−	21	7	14	−	953.28360	96.6	2	211.37052	II
20	13	8	−	21	14	7	−	893.86511	88.3	0	419.66814	II
20	9	12	+	21	10	11	+	904.98258	84.0	0	283.60462	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
20	6	15	−	21	7	14	−	913.44509	84.5	1	211.37052	II
20	12	9	−	20	11	10	−	977.35840	91.7	-2	300.84464	II
20	11	10	−	19	12	7	−	924.43563	97.9	-3	321.19556	II
20	3	18	+	19	2	17	+	960.96021	84.6	-3	125.17774	II
20	5	16	−	21	6	15	−	916.32163	84.6	1	192.89937	II
21	9	12	+	20	8	13	+	981.70690	79.5	-1	219.64767	II
21	9	12	−	21	10	11	−	917.71416	86.0	0	283.88735	II
21	7	14	−	22	8	15	−	909.90831	83.9	-7	246.17549	II
21	6	15	−	21	7	14	−	926.24296	79.4	1	211.37052	II
21	3	18	+	21	4	17	+	936.34274	70.8	0	164.88131	II
21	10	11	−	20	11	10	−	927.75154	98.3	-2	300.84464	II
21	4	17	−	21	5	16	−	932.35619	75.2	0	177.35688	II
21	8	13	+	21	7	14	+	966.02166	72.8	7	211.19011	II
21	7	14	+	22	8	15	+	909.93415	83.6	-9	245.96702	II
21	4	17	+	21	3	18	+	953.05813	50.9	-1	156.52912	II
21	0	21	−	22	1	22	−	932.22827	43.5	-3	146.55897	II
21	21	0	−	22	22	1	−	871.97250	98.0	4	833.74376	II
21	12	9	+	20	13	8	+	922.26355	88.5	-4	368.32115	II
21	16	5	−	20	15	6	−	1001.00845	91.2	0	447.62341	II
21	5	16	−	22	4	19	−	943.90112	94.1	0	178.16871	II
21	14	7	+	21	13	8	+	982.70812	95.9	0	381.17134	II
21	0	21	+	22	1	22	+	932.22827	43.5	3	146.53950	II
21	2	19	+	20	1	20	+	973.58459	99.6	6	122.08644	II
21	10	11	−	22	11	12	−	901.46231	86.1	0	327.13413	II
21	19	2	−	21	18	3	−	996.09740	97.3	0	598.94801	II
21	9	12	+	22	10	13	+	904.29138	83.6	1	297.06333	II
21	20	1	−	20	19	2	−	1011.54163	95.9	1	637.54909	II
21	2	19	+	22	3	20	+	928.12137	88.2	3	167.54933	II
21	8	13	+	21	9	12	+	920.56543	83.5	0	256.64559	II
21	6	15	+	22	5	18	+	946.73620	91.8	-4	190.71998	II
21	12	9	+	21	13	8	+	909.41371	91.9	0	381.17134	II
21	13	8	+	21	12	9	+	979.97818	93.3	1	345.88648	II
21	11	10	+	20	10	11	+	987.30248	83.4	0	270.75838	II
21	6	15	−	21	5	16	−	960.25652	78.9	0	177.35688	II
21	19	2	+	20	18	3	+	1008.89262	95.1	1	585.34646	II
21	15	6	−	22	16	7	−	887.73526	91.8	-1	517.41131	II
21	11	10	+	20	12	9	+	925.02177	98.6	-3	333.03876	II
21	3	18	+	22	4	19	+	923.17470	89.0	0	178.04933	II
21	10	11	+	22	9	14	+	958.20410	91.9	-1	270.10685	II
21	8	13	−	21	7	14	−	966.05224	72.8	-8	211.37052	II
21	4	17	−	20	5	16	−	945.28600	91.9	0	164.42701	II
21	7	14	+	22	6	17	+	949.66248	95.6	-9	206.23864	II
21	6	15	−	20	7	14	−	939.10323	94.1	1	198.51025	II
21	16	5	−	20	17	4	−	911.35044	99.2	6	537.28202	II
21	9	12	−	20	10	11	−	930.55435	97.3	0	271.04712	II
21	2	19	−	21	3	18	−	939.12885	62.0	1	156.65478	II
21	8	13	+	22	9	14	+	907.10419	84.8	0	270.10685	II
21	11	10	−	22	10	13	−	961.04771	98.5	-1	297.34092	II
21	9	12	−	22	8	15	−	955.42588	97.8	-1	246.17549	II
21	5	16	−	20	6	15	−	942.04882	92.1	1	180.02109	II
21	15	6	−	22	14	9	−	972.02698	99.4	-4	433.11929	II
21	9	12	+	21	10	11	+	917.75004	74.6	0	283.60462	II
21	10	11	−	20	9	12	−	984.55029	82.9	0	244.04615	II
21	8	13	−	22	7	16	−	952.57627	96.8	0	224.84727	II
21	16	5	+	22	17	6	+	885.08833	92.2	-1	562.94436	II
21	0	21	+	20	1	20	+	956.68098	21.8	-1	122.08644	II
21	19	2	+	21	20	1	+	890.66225	99.2	-5	703.57628	II
21	17	4	+	20	16	5	+	1003.62765	92.2	-1	490.49982	II
21	3	18	+	21	2	19	+	950.25380	63.6	0	150.97019	II
21	17	4	−	21	16	5	−	990.83575	99.0	2	503.95668	II
21	16	5	−	21	15	6	−	988.16864	98.4	0	460.46327	II
21	16	5	+	20	15	6	+	1000.96015	90.9	-1	447.07253	II
21	13	8	+	20	12	9	+	992.82577	86.3	0	333.03876	II
21	6	15	−	22	7	16	−	912.76622	84.9	1	224.84727	II
21	2	19	+	21	1	20	+	951.64272	84.9	7	144.02837	II
21	14	7	+	20	13	8	+	995.55830	87.7	0	368.32115	II
21	18	3	+	20	19	2	+	906.15214	93.4	0	636.71870	II
21	11	10	−	20	10	11	−	987.34174	82.7	1	271.04712	II
21	6	15	+	22	7	16	+	912.78931	78.4	0	224.66725	II
21	21	0	+	22	22	1	+	872.01260	97.7	4	832.74158	II
21	0	21	−	21	1	20	−	934.69008	83.7	-9	144.09658	II
21	15	6	−	21	14	7	−	985.47840	95.3	-1	419.66814	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
21	10	11	+	20	11	10	+	927.79942	94.8	-1	300.51157	II
21	15	6	+	22	16	7	+	887.77417	91.3	-1	516.83505	II
21	4	17	−	22	5	18	−	918.85657	82.6	-2	190.85628	II
21	13	8	−	22	14	9	−	893.17012	89.9	0	433.11929	II
21	18	3	−	20	17	4	−	1006.32258	94.1	1	537.28202	II
21	18	3	+	21	17	4	+	993.40402	85.0	-6	549.46618	II
21	10	11	+	21	11	10	+	914.95329	85.0	1	313.35787	II
21	5	16	+	20	6	15	+	942.06642	88.0	-1	179.86671	II
21	5	16	−	20	4	17	−	970.35360	82.5	-1	151.71616	II
21	16	5	−	22	15	8	−	974.71516	99.7	-8	473.91590	II
21	3	18	+	20	4	17	+	949.62194	91.7	2	151.60225	II
21	1	20	−	20	2	19	−	956.68780	66.1	0	132.13776	II
21	6	15	+	21	7	14	+	926.26647	78.3	0	211.19011	II
21	14	7	−	22	15	8	−	890.44273	89.9	-1	473.91590	II
21	21	0	+	20	20	1	+	1014.06319	96.8	2	690.69077	II
21	15	6	+	20	16	5	+	914.11000	98.5	5	490.49982	II
21	15	6	+	20	14	7	+	998.27004	88.3	-1	406.33921	II
21	14	7	−	21	15	6	−	903.89574	91.8	3	460.46327	II
21	4	17	−	22	3	20	−	942.06642	88.0	-1	167.64658	II
21	10	11	+	20	9	12	+	984.51351	82.2	0	243.79756	II
21	12	9	+	21	11	10	+	977.22724	92.5	1	313.35787	II
21	17	4	+	22	18	5	+	882.42441	94.1	1	611.70326	II
21	17	4	−	20	16	5	−	1003.67719	92.5	0	491.11496	II
21	8	13	−	20	7	14	−	978.91325	82.0	0	198.51025	II
21	12	9	−	22	11	12	−	963.82539	99.0	0	327.13413	II
21	1	20	−	21	2	19	−	937.74320	86.4	-11	151.08130	II
21	17	4	+	21	16	5	+	990.76554	98.8	0	503.36200	II
21	16	5	−	21	17	4	−	898.50560	98.2	-3	550.12600	II
21	20	1	−	21	21	0	−	888.00458	99.7	-7	761.08524	II
21	12	9	+	22	13	10	+	895.95221	88.0	0	394.63280	II
21	14	7	−	20	13	8	−	995.60351	87.9	0	368.75515	II
21	19	2	+	22	20	3	+	877.16625	94.9	-1	717.07270	II
21	13	8	+	22	14	9	+	893.20717	87.9	-1	432.65731	II
21	7	14	−	21	8	13	−	923.37353	77.7	-4	232.71047	II
21	21	0	−	21	20	1	−	1001.26321	95.9	3	704.45289	II
21	19	2	−	20	18	3	−	1008.94398	94.9	0	586.10142	II
21	12	9	−	22	13	10	−	895.91645	87.9	0	395.04308	II
21	15	6	−	20	14	7	−	998.31692	89.8	0	406.82968	II
21	1	20	+	21	2	19	+	937.78552	81.8	-5	150.97019	II
21	9	12	−	22	10	13	−	904.26058	85.2	0	297.34092	II
21	4	17	+	22	3	20	+	942.03817	95.3	1	167.54933	II
21	21	0	−	20	20	1	−	1014.11592	97.6	3	691.60018	II
21	0	21	−	20	1	20	−	956.68098	21.8	-5	122.10605	II
21	19	2	−	22	20	3	−	877.12628	94.5	4	717.91952	II
21	20	1	+	20	19	2	+	1011.48943	94.5	0	636.71870	II
21	10	11	−	22	9	14	−	958.24889	98.7	4	270.34790	II
21	13	8	+	22	12	11	+	966.51800	96.7	-8	359.34574	II
21	6	15	+	21	5	16	+	960.23451	77.4	0	177.22204	II
21	19	2	−	21	20	1	−	890.59259	99.7	1	704.45289	II
21	14	7	+	22	15	8	+	890.48088	89.1	0	473.39857	II
21	2	19	+	21	3	18	+	939.14128	62.4	0	156.52912	II
21	19	2	+	21	18	3	+	996.01939	99.3	-2	598.21944	II
21	5	16	+	22	6	17	+	915.69462	85.3	0	206.23864	II
21	15	6	+	21	16	5	+	901.24737	95.3	0	503.36200	II
21	9	12	−	21	8	13	−	968.89101	86.4	0	232.71047	II
21	15	6	+	21	14	7	+	985.41696	94.5	3	419.19272	II
21	10	11	−	21	9	12	−	971.70637	88.4	0	256.89005	II
21	8	13	−	21	9	12	−	920.53338	77.3	-1	256.89005	II
21	1	20	−	22	2	21	−	931.19366	58.5	-2	157.63171	II
21	1	20	−	21	0	21	−	954.79449	91.1	3	134.03138	II
21	11	10	+	21	12	9	+	912.17434	88.6	0	345.88648	II
21	5	16	+	22	4	19	+	943.88374	94.1	-2	178.04933	II
21	11	10	+	22	12	11	+	898.71509	87.0	0	359.34574	II
21	7	14	+	21	8	13	+	923.40095	81.3	-9	232.50016	II
21	4	17	+	22	5	18	+	918.86774	81.2	4	190.71998	II
21	1	20	+	22	2	21	+	931.18760	73.9	0	157.56863	II
21	7	14	−	20	6	15	−	976.06266	81.2	-7	180.02109	II
21	3	18	−	20	4	17	−	949.63545	92.7	-1	151.71616	II
21	0	21	+	21	1	20	+	934.73837	81.2	-8	144.02837	II
21	9	12	−	20	8	13	−	981.74112	81.2	0	219.86041	II
21	17	4	−	21	18	3	−	895.84409	98.2	-1	598.94801	II
21	4	17	+	21	5	16	+	932.36532	73.7	0	177.22204	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
21	20	1	+	22	21	2	+	874.57554	96.6	2	773.63277	II
21	19	2	+	22	18	5	+	982.53548	94.7	-3	611.70326	II
21	8	13	−	22	9	14	−	907.07569	84.2	1	270.34790	II
21	5	16	−	21	6	15	−	929.17049	77.0	0	192.89937	II
21	21	0	−	22	20	3	−	987.79709	95.6	8	717.91952	II
21	3	18	−	21	4	17	−	936.34647	73.7	0	165.00525	II
21	2	19	+	20	3	18	+	954.32830	86.5	0	141.34213	II
21	14	7	+	21	15	6	+	903.94939	95.5	0	459.93008	II
21	5	16	+	20	4	17	+	970.33112	80.9	1	151.60225	II
21	6	15	+	20	5	16	+	973.16179	80.9	-1	164.29470	II
21	2	19	−	20	3	18	−	954.34728	70.9	-5	141.43574	II
21	20	1	+	21	19	2	+	998.61133	99.6	10	649.59774	II
21	18	3	+	20	17	4	+	1006.27190	93.7	-1	536.59884	II
21	14	7	+	22	13	10	+	969.24583	99.6	-9	394.63280	II
21	4	17	−	21	3	18	−	953.05813	50.9	-1	156.65478	II
21	6	15	−	20	5	16	−	973.18628	80.8	-1	164.42701	II
21	13	8	−	20	12	9	−	992.86919	86.6	0	333.42027	II
21	3	18	−	21	2	19	−	950.27018	64.7	-2	151.08130	II
21	4	17	+	20	5	16	+	945.29247	84.0	-2	164.29470	II
21	6	15	−	22	5	18	−	946.75725	93.8	1	190.85628	II
21	8	13	+	20	7	14	+	978.88200	80.6	0	198.32898	II
21	7	14	−	21	6	15	−	963.18447	80.6	-6	192.89937	II
21	12	9	−	21	11	10	−	977.27668	90.5	1	313.68290	II
21	5	16	+	21	6	15	+	929.18900	64.8	1	192.74438	II
21	4	17	+	20	3	18	+	968.24512	87.5	-1	141.34213	II
21	10	11	+	22	11	12	+	901.49448	80.4	-5	326.81609	II
21	9	12	+	20	10	11	+	930.59614	97.0	-1	270.75838	II
21	7	14	+	20	6	15	+	976.03436	80.3	-10	179.86671	II
21	12	9	−	20	11	10	−	990.11491	85.7	0	300.84464	II
21	18	3	−	22	19	4	−	879.74292	95.4	1	663.86173	II
21	20	1	−	22	21	2	−	874.53511	96.6	2	774.55565	II
21	14	7	−	21	13	8	−	982.76604	96.0	1	381.59278	II
21	11	10	−	22	12	11	−	898.68078	87.0	0	359.70802	II
21	3	18	−	22	4	19	−	923.18300	87.0	0	178.16871	II
21	11	10	−	21	10	11	−	974.50149	90.4	1	283.88735	II
21	10	11	−	21	11	10	−	914.91348	85.8	0	313.68290	II
21	7	14	−	22	6	17	−	949.68925	96.1	-6	206.39455	II
21	13	8	−	21	14	7	−	906.62125	94.2	0	419.66814	II
21	2	19	−	21	1	20	−	951.68788	87.2	10	144.09658	II
21	9	12	+	22	8	15	+	955.38765	97.4	0	245.96702	II
21	13	8	+	21	14	7	+	906.67166	93.9	-2	419.19272	II
21	18	3	+	22	19	4	+	879.78324	94.6	1	663.08766	II
21	8	13	+	22	7	16	+	952.54365	96.5	-1	224.66725	II
21	17	4	−	22	18	5	−	882.38431	93.9	1	612.40795	II
21	17	4	+	21	18	3	+	895.90810	97.9	0	598.21944	II
21	8	13	+	20	9	12	+	933.41332	96.5	-1	243.79756	II
21	3	18	−	20	2	19	−	969.21290	97.0	-11	132.13776	II
21	12	9	−	20	13	8	−	922.20536	95.9	10	368.75515	II
21	13	8	−	21	12	9	−	980.03167	94.5	0	346.25777	II
21	5	16	+	21	4	17	+	957.05185	76.0	-1	164.88131	II
21	5	16	−	22	6	17	−	915.67527	84.0	0	206.39455	II
21	9	12	+	21	8	13	+	968.85449	85.9	0	232.50016	II
21	8	13	−	20	9	12	−	933.37731	96.9	-1	244.04615	II
21	10	11	+	21	9	12	+	971.66550	85.9	0	256.64559	II
21	7	14	+	21	6	15	+	963.15672	79.7	-9	192.74438	II
21	12	9	−	21	13	8	−	909.36668	93.1	-1	381.59278	II
21	1	20	+	21	0	21	+	954.74529	93.1	5	134.01145	II
21	5	16	−	21	4	17	−	957.06456	75.6	0	165.00525	II
21	12	9	+	22	11	12	+	963.76948	99.2	5	326.81609	II
21	12	9	+	20	11	10	+	990.07317	79.6	-3	300.51157	II
21	3	18	+	20	2	19	+	969.14922	97.4	9	132.07571	II
21	2	19	−	22	3	20	−	928.13646	88.8	-5	167.64658	II
21	16	5	−	22	17	6	−	885.04873	91.5	-1	563.58310	II
21	11	10	+	21	10	11	+	974.45627	90.3	1	283.60462	II
21	1	20	+	20	2	19	+	956.68098	21.8	4	132.07571	II
21	17	4	−	20	18	3	−	908.69036	86.7	-4	586.10142	II
21	15	6	−	21	16	5	−	901.18999	96.5	0	503.95668	II
21	11	10	−	21	12	9	−	912.13097	90.2	0	346.25777	II
21	16	5	+	21	17	4	+	898.56656	98.1	0	549.46618	II
21	7	14	−	20	8	13	−	936.22343	94.7	-6	219.86041	II
22	10	13	+	22	11	12	+	914.86903	87.4	0	326.81609	II
22	8	15	+	21	9	12	+	933.94786	95.5	-1	256.64559	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
22	19	4	−	21	18	3	−	1009.47275	95.5	1	598.94801	II
22	8	15	+	23	7	16	+	951.83246	95.6	1	238.76117	II
22	5	18	+	22	6	17	+	929.10857	51.7	-1	206.23864	II
22	4	19	−	23	3	20	−	937.62106	95.6	1	185.17707	II
22	1	22	+	23	2	21	+	912.11675	95.7	5	179.10061	II
22	20	3	+	22	21	2	+	887.98371	99.6	3	773.63277	II
22	1	22	+	21	2	19	+	940.24696	99.6	3	150.97019	II
22	7	16	+	23	6	17	+	948.93815	62.7	-2	220.35659	II
22	1	22	+	21	0	21	+	957.20510	27.8	-3	134.01145	II
22	1	22	−	21	0	21	−	957.20510	27.8	1	134.03138	II
22	2	21	+	21	1	20	+	958.19272	64.7	-1	144.02837	II
22	14	9	+	23	13	10	+	968.55302	99.6	2	408.70564	II
22	2	21	−	21	1	20	−	958.18866	66.0	0	144.09658	II
22	9	14	−	23	8	15	−	954.71916	67.2	0	260.25580	II
22	20	3	−	21	21	0	−	901.38312	99.5	-4	761.08524	II
22	15	8	+	21	16	5	+	914.62993	99.5	1	503.36200	II
22	3	20	−	23	4	19	−	919.25500	69.0	6	193.02828	II
22	3	20	+	22	4	19	+	934.13482	69.7	2	178.04933	II
22	5	18	−	21	4	17	−	970.48016	71.0	0	165.00525	II
22	4	19	+	22	3	20	+	955.12756	71.8	0	167.54933	II
22	2	21	+	23	1	22	+	931.37435	72.0	0	170.84683	II
22	4	19	−	22	3	20	−	955.15149	72.5	0	167.64658	II
22	4	19	+	22	5	18	+	931.95700	73.5	1	190.71998	II
22	4	19	−	22	5	18	−	931.94176	73.5	0	190.85628	II
22	2	21	−	23	1	22	−	931.37118	73.6	1	170.91409	II
22	6	17	−	22	7	16	−	926.17710	74.3	0	224.84727	II
22	4	19	+	23	5	18	+	917.75004	74.6	0	204.92686	II
22	4	19	−	21	3	18	−	966.14353	75.2	3	156.65478	II
22	3	20	−	22	4	19	−	934.11400	75.2	0	178.16871	II
22	5	18	+	22	4	19	+	957.29786	75.6	-1	178.04933	II
22	5	18	−	22	6	17	−	929.09099	75.9	1	206.39455	II
22	20	3	+	21	21	0	+	901.48635	99.3	-4	760.12946	II
22	5	18	−	22	4	19	−	957.31671	76.3	0	178.16871	II
22	7	16	+	22	8	15	+	923.32696	76.6	-9	245.96702	II
22	13	10	−	21	14	7	−	919.98565	99.3	-6	419.66814	II
22	6	17	+	22	5	18	+	960.14659	77.7	0	190.71998	II
22	6	17	+	22	7	16	+	926.19931	78.3	0	224.66725	II
22	6	17	+	21	5	16	+	973.64465	78.4	1	177.22204	II
22	5	18	+	21	4	17	+	970.46607	78.7	1	164.88131	II
22	6	17	−	22	5	18	−	960.16809	79.0	0	190.85628	II
22	1	22	+	22	2	21	+	933.64884	79.7	7	157.56863	II
22	2	21	+	22	3	20	+	934.67121	79.8	-7	167.54933	II
22	6	17	−	21	5	16	−	973.66744	79.9	-1	177.35688	II
22	13	10	+	21	14	7	+	920.04843	80.1	5	419.19272	II
22	8	15	−	22	9	14	−	920.45643	80.7	1	270.34790	II
22	9	14	+	21	8	13	+	982.23134	80.7	1	232.50016	II
22	7	16	+	22	6	17	+	963.05529	80.8	-10	206.23864	II
22	8	15	+	21	7	14	+	979.40338	80.9	-1	211.19011	II
22	7	16	+	21	6	15	+	976.54950	80.9	-10	192.74438	II
22	7	16	−	22	8	15	−	923.30078	81.3	-7	246.17549	II
22	8	15	−	21	7	14	−	979.43369	81.5	0	211.37052	II
22	9	14	−	22	10	13	−	917.63425	81.6	3	297.34092	II
22	7	16	−	22	6	17	−	963.08168	81.6	-8	206.39455	II
22	14	9	−	21	15	6	−	917.26079	99.1	-1	460.46327	II
22	14	9	−	23	13	10	−	968.61800	99.1	-1	409.10601	II
22	7	16	−	21	6	15	−	976.57684	81.8	-8	192.89937	II
22	8	15	+	22	9	14	+	920.48671	81.8	0	270.10685	II
22	10	13	+	21	11	10	+	928.32664	81.9	-6	313.35787	II
22	14	9	+	21	15	6	+	917.32806	99.0	-3	459.93008	II
22	3	20	−	21	2	19	−	961.20201	82.1	6	151.08130	II
22	18	5	−	22	19	4	−	893.11521	99.0	-2	663.86173	II
22	9	14	−	21	8	13	−	982.26442	82.6	0	232.71047	II
22	10	13	+	21	9	12	+	985.03963	83.1	1	256.64559	II
22	5	18	+	23	4	19	+	942.45315	83.1	-1	192.89407	II
22	10	13	−	21	9	12	−	985.07545	83.3	1	256.89005	II
22	8	15	+	22	7	16	+	965.92626	83.3	0	224.66725	II
22	2	21	−	22	3	20	−	934.63850	83.6	-1	167.64658	II
22	11	12	+	21	10	11	+	987.82967	83.7	0	283.60462	II
22	3	20	+	22	2	21	+	954.61535	83.7	1	157.56863	II
22	8	15	−	22	7	16	−	965.95695	83.9	0	224.84727	II
22	9	14	−	22	8	15	−	968.79953	83.9	1	246.17549	II
22	3	20	+	21	2	19	+	961.21360	84.1	-1	150.97019	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
22	5	18	+	23	6	17	+	914.99100	84.2	3	220.35659	II
22	3	20	−	22	2	21	−	954.65134	84.2	4	157.63171	II
22	10	13	−	22	11	12	−	914.83145	84.3	2	327.13413	II
22	11	12	−	21	10	11	−	987.86788	84.4	1	283.88735	II
22	7	16	+	23	8	15	+	909.24528	84.7	-10	260.04864	II
22	18	5	+	22	19	4	+	893.17876	98.8	-10	663.08766	II
22	8	15	+	23	9	14	+	906.41190	84.9	0	284.18165	II
22	6	17	+	23	7	16	+	912.10545	85.0	1	238.76117	II
22	12	11	+	21	11	10	+	990.60142	85.2	0	313.35787	II
22	9	14	+	23	10	13	+	903.59672	85.2	0	311.13472	II
22	6	17	−	23	7	16	−	912.08324	85.4	1	238.94124	II
22	17	6	+	22	16	7	+	990.68351	98.8	-4	516.83505	II
22	18	5	+	22	17	6	+	993.32354	98.8	5	562.94436	II
22	12	11	−	21	11	10	−	990.64188	85.7	1	313.68290	II
22	7	16	−	23	8	15	−	909.22047	85.8	-7	260.25580	II
22	8	15	−	23	9	14	−	906.38438	85.8	1	284.41992	II
22	9	14	−	23	10	13	−	903.56707	85.8	1	311.40795	II
22	9	14	+	22	10	13	+	917.66811	85.9	0	297.06333	II
22	9	14	+	22	8	15	+	968.76448	86.0	1	245.96702	II
22	13	10	+	21	12	9	+	993.35418	86.3	0	345.88648	II
22	4	19	+	21	3	18	+	966.14814	86.4	4	156.52912	II
22	12	11	+	22	11	12	+	977.14332	86.5	2	326.81609	II
22	10	13	+	23	11	12	+	900.79877	86.5	0	340.88641	II
22	5	18	−	23	6	17	−	914.97163	86.5	1	220.51389	II
22	14	9	−	21	13	8	−	996.13125	86.6	-1	381.59278	II
22	10	13	−	23	11	12	−	900.76706	87.0	0	341.19836	II
22	11	12	+	23	12	11	+	898.01756	87.0	0	373.41668	II
22	5	18	−	23	4	19	−	942.45660	87.1	-6	193.02828	II
22	3	20	−	23	2	21	−	933.06744	87.2	0	179.21525	II
22	3	20	+	23	2	21	+	933.08332	87.3	0	179.10061	II
22	11	12	−	23	12	11	−	897.98423	87.5	1	373.77102	II
22	19	4	+	22	20	3	+	890.56876	98.6	3	717.07270	II
22	13	10	−	23	12	11	−	965.88296	98.6	-4	373.77102	II
22	13	10	−	21	12	9	−	993.39664	87.6	0	346.25777	II
22	12	11	+	23	13	10	+	895.25361	87.7	0	408.70564	II
22	4	19	−	23	5	18	−	917.73114	87.7	1	205.06697	II
22	10	13	−	22	9	14	−	971.61751	88.0	0	270.34790	II
22	10	13	+	22	9	14	+	971.57833	88.0	0	270.10685	II
22	12	11	−	23	13	10	−	895.21872	88.2	0	409.10601	II
22	14	9	+	21	13	8	+	996.08706	88.5	0	381.17134	II
22	14	9	+	23	15	8	+	889.77994	89.2	-4	487.47811	II
22	1	22	+	23	0	23	+	931.62948	39.8	0	159.58731	II
22	1	22	−	23	0	23	−	931.62948	39.8	0	159.60690	II
22	13	10	+	23	14	9	+	892.50754	89.7	0	446.73308	II
22	13	10	−	23	14	9	−	892.47126	89.8	-1	447.18304	II
22	15	8	+	21	14	7	+	998.79905	89.8	-1	419.19272	II
22	11	12	+	22	12	11	+	912.08850	89.9	0	359.34574	II
22	11	12	−	22	12	11	−	912.04717	90.1	0	359.70802	II
22	3	20	+	21	4	17	+	947.30308	90.2	5	164.88131	II
22	11	12	+	22	10	13	+	974.37104	90.2	1	297.06333	II
22	14	9	−	23	15	8	−	889.74301	90.2	0	487.98117	II
22	15	8	−	21	14	7	−	998.84502	90.2	-1	419.66814	II
22	11	12	−	22	10	13	−	974.41425	90.2	0	297.34092	II
22	4	19	−	21	5	16	−	945.44110	90.6	0	177.35688	II
22	22	1	−	21	21	0	−	1017.19642	98.0	0	761.08524	II
22	8	15	−	23	7	16	−	951.86293	90.7	-1	238.94124	II
22	16	7	+	21	15	6	+	1001.48920	90.8	-2	459.93008	II
22	17	6	−	22	18	5	−	895.75457	98.0	1	612.40795	II
22	15	8	+	23	16	7	+	887.07270	90.9	-1	530.91907	II
22	17	6	+	22	18	5	+	895.81562	98.0	-1	611.70326	II
22	18	5	+	21	19	2	+	906.66933	91.1	-3	649.59774	II
22	12	11	+	23	11	12	+	963.07340	91.1	6	340.88641	II
22	19	4	−	23	18	5	−	981.94068	98.0	11	626.48101	II
22	16	7	−	22	15	8	−	988.08420	97.9	0	473.91590	II
22	4	19	+	21	5	16	+	945.45492	91.3	1	177.22204	II
22	16	7	−	21	15	6	−	1001.53670	91.5	-1	460.46327	II
22	17	6	+	23	16	7	+	976.60052	97.9	7	530.91907	II
22	9	14	+	21	10	11	+	931.12731	91.6	5	283.60462	II
22	12	11	−	22	13	10	−	909.28158	91.7	0	395.04308	II
22	5	18	+	21	6	15	+	942.60291	91.7	0	192.74438	II
22	12	11	+	22	13	10	+	909.32645	92.1	0	394.63280	II
22	1	22	−	22	2	21	−	933.60430	92.3	-4	157.63171	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
22	12	11	−	22	11	12	−	977.19068	92.4	1	327.13413	II
22	22	1	−	23	23	0	−	868.73115	97.7	-3	909.55021	II
22	17	6	+	21	16	5	+	1004.15682	92.4	-1	503.36200	II
22	15	8	−	23	16	7	−	887.03445	92.5	-1	531.47871	II
22	16	7	+	22	17	6	+	898.47503	97.7	0	562.94436	II
22	16	7	−	22	17	6	−	898.41697	97.6	0	563.58310	II
22	2	21	+	22	1	22	+	955.68194	92.5	2	146.53950	II
22	16	7	+	22	15	8	+	988.02080	97.6	-1	473.39857	II
22	17	6	−	21	16	5	−	1004.20567	92.7	0	503.95668	II
22	2	21	−	22	1	22	−	955.72678	92.7	5	146.55897	II
22	15	8	+	22	16	7	+	901.15662	92.7	-2	516.83505	II
22	5	18	−	21	6	15	−	942.58607	92.8	0	192.89937	II
22	10	13	−	21	11	10	−	928.28262	97.5	1	313.68290	II
22	11	12	+	21	12	9	+	925.54766	93.0	-1	345.88648	II
22	3	20	+	23	4	19	+	919.29001	93.2	2	192.89407	II
22	3	20	−	21	4	17	−	947.27715	93.2	-3	165.00525	II
22	6	17	−	23	5	18	−	945.95748	93.3	1	205.06697	II
22	16	7	−	23	17	6	−	884.34699	93.3	0	577.65311	II
22	16	7	+	23	17	6	+	884.38597	93.3	0	577.03347	II
22	20	3	−	23	21	2	−	873.82912	97.2	3	788.63999	II
22	17	6	−	21	18	3	−	909.21364	99.7	-7	598.94801	II
22	13	10	+	22	14	9	+	906.58323	93.6	-1	432.65731	II
22	18	5	+	21	17	4	+	1006.80118	93.6	0	549.46618	II
22	6	17	+	21	7	14	+	939.67639	93.7	-1	211.19011	II
22	13	10	−	22	12	11	−	979.94635	93.8	0	359.70802	II
22	21	2	+	21	20	1	+	1014.59200	97.0	0	703.57628	II
22	21	2	−	23	22	1	−	871.26498	97.0	2	847.83247	II
22	11	12	+	23	10	13	+	960.29932	93.9	-2	311.13472	II
22	21	2	−	21	20	1	−	1014.64452	97.0	1	704.45289	II
22	17	6	+	23	18	5	+	881.72095	94.0	0	625.79800	II
22	17	6	−	22	16	7	−	990.75124	94.0	2	517.41131	II
22	6	17	+	23	5	18	+	945.93961	94.0	-1	204.92686	II
22	13	10	−	22	14	9	−	906.53512	94.1	0	433.11929	II
22	13	10	+	22	12	11	+	979.89493	94.1	0	359.34574	II
22	20	3	+	23	21	2	+	873.86925	96.8	2	787.74715	II
22	15	8	−	22	16	7	−	901.10176	96.8	-2	517.41131	II
22	17	6	−	23	18	5	−	881.68145	94.2	1	626.48101	II
22	6	17	−	21	7	14	−	939.65390	94.3	0	211.37052	II
22	14	9	+	22	15	8	+	903.85991	94.3	1	473.39857	II
22	18	5	−	21	17	4	−	1006.85117	94.3	1	550.12600	II
22	4	19	+	23	3	20	+	937.63632	94.4	0	185.04061	II
22	9	14	−	21	10	11	−	931.08740	96.7	-2	283.88735	II
22	15	8	−	22	14	9	−	985.39384	96.7	-1	433.11929	II
22	19	4	+	23	20	3	+	876.46102	94.5	0	731.18011	II
22	15	8	+	22	14	9	+	985.33451	96.6	0	432.65731	II
22	12	11	+	21	13	8	+	922.78824	96.6	3	381.17134	II
22	20	3	−	23	19	4	−	984.53047	96.6	-1	677.93822	II
22	7	16	−	23	6	17	−	948.96232	96.6	-8	220.51389	II
22	7	16	−	21	8	13	−	936.76574	94.7	-8	232.71047	II
22	20	3	−	21	19	2	−	1012.07032	96.5	1	650.39860	II
22	21	2	+	23	22	1	+	871.30503	96.5	1	846.86331	II
22	18	5	+	23	17	6	+	979.23433	94.8	4	577.03347	II
22	20	3	+	21	19	2	+	1012.01862	96.4	1	649.59774	II
22	7	16	+	21	8	13	+	936.79369	94.9	-11	232.50016	II
22	2	21	+	21	3	18	+	945.69205	95.0	0	156.52912	II
22	14	9	−	22	13	10	−	982.68114	96.2	1	395.04308	II
22	18	5	+	23	19	4	+	879.07888	95.2	0	677.18852	II
22	14	9	−	22	15	8	−	903.80829	95.2	0	473.91590	II
22	18	5	−	23	19	4	−	879.03910	96.1	2	677.93822	II
22	19	4	+	21	18	3	+	1009.42167	95.3	0	598.21944	II
22	19	4	−	23	20	3	−	876.42121	96.1	4	731.99978	II
22	1	22	−	23	2	21	−	912.02113	96.1	0	179.21525	II
22	14	9	+	22	13	10	+	982.62562	95.5	0	394.63280	II
23	9	14	+	22	8	15	+	982.75096	82.8	0	245.96702	II
23	21	2	−	24	20	5	−	986.39476	99.7	-4	746.69346	II
23	20	3	+	22	19	4	+	1012.54366	96.3	0	663.08766	II
23	14	9	−	23	15	8	−	903.71714	95.1	0	487.98117	II
23	18	5	+	24	19	6	+	878.37053	95.7	1	691.90038	II
23	17	6	+	23	16	7	+	990.59795	98.3	-3	530.91907	II
23	4	19	−	24	3	22	−	941.34532	95.7	-2	196.21439	II
23	9	14	−	24	8	17	−	954.00691	96.2	0	274.95176	II
23	11	12	+	22	12	11	+	926.06959	96.2	-6	359.34574	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
23	15	8	−	23	16	7	−	901.00960	95.2	-2	531.47871	II
23	14	9	−	23	13	10	−	982.59250	96.1	2	409.10601	II
23	15	8	+	23	16	7	+	901.06226	95.8	-1	530.91907	II
23	15	8	+	22	16	7	+	915.14555	88.0	-9	516.83505	II
23	12	11	−	24	11	14	−	962.42295	95.3	-1	355.87568	II
23	13	10	−	23	14	9	−	906.44589	86.6	9	447.18304	II
23	22	1	−	24	23	2	−	868.01866	98.3	-3	924.25788	II
23	13	10	−	22	14	9	−	920.50820	98.7	-6	433.11929	II
23	14	9	+	23	13	10	+	982.53898	95.5	0	408.70564	II
23	10	13	+	23	9	14	+	971.48646	88.2	0	284.18165	II
23	11	12	+	23	12	11	+	911.99926	87.7	1	373.41668	II
23	2	21	−	24	3	22	−	927.53439	88.3	0	196.21439	II
23	12	11	+	24	13	12	+	894.55128	88.3	0	423.38998	II
23	2	21	−	23	1	22	−	952.83556	88.3	9	170.91409	II
23	22	1	+	24	23	2	+	868.05860	98.3	-3	923.24240	II
23	1	22	+	23	2	21	+	936.31017	86.5	-7	179.10061	II
23	9	14	−	24	10	15	−	902.87017	86.4	1	326.08858	II
23	14	9	−	22	13	10	−	996.65520	89.7	0	395.04308	II
23	12	11	−	22	11	12	−	991.16471	86.4	1	327.13413	II
23	5	18	−	24	6	19	−	914.35938	86.4	0	235.24740	II
23	7	16	−	24	8	17	−	908.53030	86.4	-8	274.95176	II
23	15	8	+	22	14	9	+	999.32408	89.8	-1	432.65731	II
23	9	14	+	24	10	15	+	902.89890	86.3	0	325.81903	II
23	9	14	−	23	8	15	−	968.70290	86.3	0	260.25580	II
23	9	14	−	23	10	13	−	917.55070	86.2	0	311.40795	II
23	6	17	−	24	7	18	−	911.40303	86.2	1	253.65259	II
23	10	13	+	23	11	12	+	914.78153	86.1	-1	340.88641	II
23	8	15	+	24	9	16	+	905.71666	86.1	0	298.87028	II
23	6	17	+	24	7	18	+	911.42415	86.1	0	253.47212	II
23	12	11	+	22	11	12	+	991.12521	86.0	0	326.81609	II
23	13	10	−	22	12	11	−	993.92007	86.0	0	359.70802	II
23	11	12	−	23	12	11	−	911.95971	86.0	0	373.77102	II
23	17	6	+	23	18	5	+	895.71923	98.1	0	625.79800	II
23	12	11	−	22	13	10	−	923.25625	98.7	6	395.04308	II
23	22	1	−	22	21	2	−	1017.72087	98.1	-3	774.55565	II
23	7	16	+	24	8	17	+	908.55418	85.9	-11	274.74544	II
23	13	10	+	23	14	9	+	906.49120	90.3	0	446.73308	II
23	20	3	−	23	21	2	−	887.81677	90.3	1	788.63999	II
23	9	14	+	23	8	15	+	968.66934	85.9	0	260.04864	II
23	17	6	−	23	16	7	−	990.66283	98.7	0	531.47871	II
23	9	14	+	23	10	13	+	917.58321	85.8	0	311.13472	II
23	11	12	+	23	10	13	+	974.28123	90.4	1	311.13472	II
23	13	10	+	24	14	11	+	891.80412	90.4	0	461.42012	II
23	18	5	−	23	19	4	−	893.02036	98.8	-3	677.93822	II
23	8	15	+	24	7	18	+	951.11540	85.3	5	253.47212	II
23	13	10	−	24	14	11	−	891.76878	90.7	0	461.85930	II
23	10	13	−	23	9	14	−	971.52413	88.6	1	284.41992	II
23	14	9	+	22	15	8	+	917.84578	98.8	-3	473.39857	II
23	8	15	−	24	9	16	−	905.69005	85.0	0	299.10635	II
23	8	15	−	22	9	14	−	934.44850	95.8	0	270.34790	II
23	0	23	−	24	1	24	−	930.96630	42.4	-2	173.23496	II
23	2	21	+	23	1	22	+	952.78588	85.0	7	170.84683	II
23	14	9	+	24	15	10	+	889.07582	90.9	0	502.16877	II
23	2	21	−	22	3	20	−	956.10211	84.8	-1	167.64658	II
23	15	8	−	22	14	9	−	999.36909	84.8	-2	433.11929	II
23	16	7	−	23	15	8	−	987.99602	98.0	1	487.98117	II
23	3	20	−	24	2	23	−	944.31702	98.9	8	185.38171	II
23	3	20	+	24	4	21	+	922.60262	91.0	2	206.95673	II
23	4	19	+	22	3	20	+	969.87431	91.0	-1	167.54933	II
23	11	12	+	22	10	13	+	988.35258	84.6	0	297.06333	II
23	0	23	+	24	1	24	+	930.96630	42.4	2	173.21568	II
23	11	12	−	22	10	13	−	988.38987	84.5	1	297.34092	II
23	23	0	+	22	22	1	+	1020.20005	98.6	-3	832.74158	II
23	9	14	+	24	8	17	+	953.97232	91.1	-2	274.74544	II
23	11	12	−	23	10	13	−	974.32286	91.2	1	311.40795	II
23	4	19	+	22	5	18	+	946.70363	84.3	-1	190.71998	II
23	4	19	−	22	5	18	−	946.70363	84.3	0	190.85628	II
23	4	19	−	22	3	20	−	969.91327	91.3	0	167.64658	II
23	5	18	+	24	6	19	+	914.37613	84.2	0	235.08860	II
23	12	11	−	23	11	12	−	977.10031	91.4	-1	341.19836	II
23	21	2	−	24	22	3	−	870.55348	97.9	0	862.53517	II
23	22	1	+	22	21	2	+	1017.66826	97.9	-3	773.63277	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
23	15	8	+	24	16	9	+	886.36736	91.5	0	545.61411	II
23	10	13	−	22	9	14	−	985.59612	84.2	0	270.34790	II
23	14	9	−	24	13	12	−	967.91660	98.9	-2	423.78152	II
23	18	5	+	23	19	4	+	893.08242	98.9	1	677.18852	II
23	7	16	+	24	6	19	+	948.21116	95.6	-9	235.08860	II
23	10	13	−	22	11	12	−	928.80971	97.9	-1	327.13413	II
23	16	7	+	22	15	8	+	1002.01452	91.7	0	473.39857	II
23	12	11	+	23	13	10	+	909.23559	91.7	0	408.70564	II
23	5	18	−	22	6	17	−	943.21217	91.7	0	206.39455	II
23	14	9	−	24	15	10	−	889.03927	91.7	-1	502.65899	II
23	8	15	+	23	9	14	+	920.40528	83.8	-1	284.18165	II
23	8	15	−	23	7	16	−	965.85515	83.8	0	238.94124	II
23	12	11	+	24	11	14	+	962.37230	97.8	0	355.56900	II
23	3	20	−	24	4	21	−	922.61684	91.8	3	207.08139	II
23	6	17	−	22	5	18	−	974.19919	83.5	0	190.85628	II
23	3	20	−	22	4	19	−	951.52974	91.8	5	178.16871	II
23	17	6	+	22	18	5	+	909.81420	97.8	2	611.70326	II
23	21	2	+	24	22	3	+	870.59382	97.8	3	861.59626	II
23	2	21	+	22	3	20	+	956.08265	83.4	-1	167.54933	II
23	10	13	+	22	9	14	+	985.56121	83.3	0	270.10685	II
23	8	15	−	23	9	14	−	920.37649	83.3	0	284.41992	II
23	5	18	+	22	4	19	+	971.41533	83.2	-1	178.04933	II
23	9	14	−	22	8	15	−	982.78317	83.1	0	246.17549	II
23	15	8	−	22	16	7	−	915.07723	92.0	0	517.41131	II
23	16	7	−	23	17	6	−	898.32384	97.8	-1	577.65311	II
23	7	16	−	22	6	17	−	977.08744	82.9	-9	206.39455	II
23	16	7	−	22	15	8	−	1002.06114	92.1	-1	473.91590	II
23	5	18	−	22	4	19	−	971.43785	82.8	-2	178.16871	II
23	0	23	+	23	1	22	+	933.33436	92.5	-6	170.84683	II
23	8	15	−	22	7	16	−	979.94911	82.7	0	224.84727	II
23	6	17	+	22	5	18	+	974.17625	82.6	0	190.71998	II
23	12	11	−	23	13	10	−	909.19275	92.2	0	409.10601	II
23	15	8	−	24	16	9	−	886.32969	92.3	-1	546.15873	II
23	11	12	−	22	12	11	−	926.02278	97.7	1	359.70802	II
23	8	15	+	23	7	16	+	965.82579	82.3	0	238.76117	II
23	16	7	+	23	15	8	+	987.93500	97.7	0	487.47811	II
23	3	20	+	22	4	19	+	951.50978	92.5	-1	178.04933	II
23	7	16	−	23	8	15	−	923.22622	81.7	-8	260.25580	II
23	8	15	+	22	7	16	+	979.91969	81.6	0	224.66725	II
23	7	16	+	22	6	17	+	977.06097	81.5	-11	206.23864	II
23	5	18	+	22	6	17	+	943.22616	88.5	1	206.23864	II
23	7	16	−	23	6	17	−	962.96812	81.5	-8	220.51389	II
23	17	6	+	22	16	7	+	1004.68217	92.7	0	516.83505	II
23	1	22	+	23	0	23	+	955.82476	92.7	6	159.58731	II
23	7	16	+	23	8	15	+	923.25094	81.4	-11	260.04864	II
23	4	19	+	24	5	20	+	917.79066	81.2	7	219.63378	II
23	16	7	+	23	17	6	+	898.37870	95.4	-9	577.03347	II
23	19	4	−	23	20	3	−	890.40548	99.1	0	731.99978	II
23	14	9	+	22	13	10	+	996.61178	88.9	0	394.63280	II
23	7	16	+	23	6	17	+	962.94301	80.6	-11	220.35659	II
23	10	13	−	24	11	14	−	900.06833	87.1	0	355.87568	II
23	13	10	−	23	12	11	−	979.85720	92.9	2	373.77102	II
23	6	17	−	22	7	16	−	940.20832	92.9	1	224.84727	II
23	10	13	−	23	11	12	−	914.74571	80.2	1	341.19836	II
23	6	17	+	22	7	16	+	940.22898	92.9	0	224.66725	II
23	20	3	+	24	21	4	+	873.15891	97.4	2	802.47267	II
23	13	10	−	24	12	13	−	965.18128	99.1	0	388.44678	II
23	21	2	−	22	20	3	−	1015.16902	97.4	-1	717.91952	II
23	16	7	+	24	17	8	+	883.67947	93.0	-1	591.73356	II
23	7	16	+	22	8	15	+	937.33272	93.0	-9	245.96702	II
23	21	2	+	22	20	3	+	1015.11707	97.4	0	717.07270	II
23	18	5	−	23	17	6	−	993.30616	99.2	4	577.65311	II
23	14	9	+	23	15	8	+	903.76669	89.0	2	487.47811	II
23	6	17	−	23	5	18	−	959.98852	79.6	0	205.06697	II
23	18	5	−	24	19	6	−	878.33109	95.4	1	692.62788	II
23	6	17	−	23	7	16	−	926.11439	79.0	1	238.94124	II
23	13	10	+	22	12	11	+	993.87855	87.1	0	359.34574	II
23	17	6	−	22	16	7	−	1004.73017	93.3	-1	517.41131	II
23	18	5	−	22	19	4	−	907.09800	99.2	9	663.86173	II
23	12	11	−	24	13	12	−	894.51727	89.0	0	423.78152	II
23	7	16	−	24	6	19	−	948.23460	96.0	-9	235.24740	II
23	0	23	−	23	1	22	−	933.28685	93.4	-6	170.91409	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
23	6	17	+	23	7	16	+	926.13503	77.6	0	238.76117	II
23	10	13	+	22	11	12	+	928.85269	77.5	7	326.81609	II
23	3	20	+	22	2	21	+	971.99013	93.5	-4	157.56863	II
23	23	0	−	22	22	1	−	1020.25310	98.4	-4	833.74376	II
23	23	0	−	24	24	1	−	865.51790	98.4	-8	988.47855	II
23	0	23	−	22	1	22	−	957.64234	29.0	-2	146.55897	II
23	0	23	+	22	1	22	+	957.64234	29.0	0	146.53950	II
23	17	6	−	24	18	7	−	880.97470	93.7	1	641.16702	II
23	13	10	+	23	12	11	+	979.80762	93.7	0	373.41668	II
23	4	19	−	23	5	18	−	932.49288	76.7	0	205.06697	II
23	5	18	+	23	4	19	+	956.57063	76.6	0	192.89407	II
23	2	21	+	24	3	22	+	927.51801	87.0	0	196.11399	II
23	18	5	+	22	19	4	+	907.18308	98.6	-1	663.08766	II
23	8	15	−	24	7	18	−	951.14386	97.0	0	253.65259	II
23	23	0	+	24	24	1	+	865.55770	98.4	-7	987.38353	II
23	4	19	−	24	5	20	−	917.78486	89.1	0	219.77501	II
23	5	18	+	24	4	21	+	942.50809	93.9	1	206.95673	II
23	19	4	+	23	20	3	+	890.47049	99.3	4	731.18011	II
23	5	18	−	23	6	17	−	929.09285	76.2	0	220.51389	II
23	5	18	+	23	6	17	+	929.10857	51.7	4	220.35659	II
23	17	6	−	22	18	5	−	909.73445	93.9	8	612.40795	II
23	16	7	−	24	17	8	−	883.64111	94.0	-1	592.33589	II
23	19	4	−	22	18	5	−	1009.99741	95.5	1	612.40795	II
23	5	18	−	24	4	21	−	942.52534	94.0	0	207.08139	II
23	20	3	+	23	21	2	+	887.88490	99.4	7	787.74715	II
23	4	19	+	23	5	18	+	932.49680	74.8	0	204.92686	II
23	10	13	+	24	11	14	+	900.09915	73.8	1	355.56900	II
23	11	12	+	24	10	15	+	959.59679	98.7	-1	325.81903	II
23	9	14	−	22	10	13	−	931.61775	96.8	0	297.34092	II
23	1	22	+	24	2	23	+	930.09353	73.0	0	185.31796	II
23	1	22	−	24	2	23	−	930.09817	72.9	0	185.38171	II
23	21	2	−	23	22	1	−	885.25633	99.4	2	847.83247	II
23	9	14	+	22	10	13	+	931.65453	96.7	-1	297.06333	II
23	6	17	−	24	5	20	−	945.28044	94.3	-1	219.77501	II
23	3	20	−	23	4	19	−	936.66964	71.7	0	193.02828	II
23	18	5	−	22	17	6	−	1007.37577	94.4	0	563.58310	II
23	3	20	+	24	2	23	+	944.24072	99.5	-5	185.31796	II
23	3	20	−	23	2	21	−	950.48270	71.3	0	179.21525	II
23	19	4	−	24	20	5	−	875.71193	96.7	1	746.69346	II
23	21	2	+	23	22	1	+	885.32711	99.5	6	846.86331	II
23	16	7	+	22	17	6	+	912.46866	99.5	-1	562.94436	II
23	3	20	+	23	4	19	+	936.66512	70.1	0	192.89407	II
23	2	21	−	23	3	20	−	938.57153	70.0	-2	185.17707	II
23	18	5	+	22	17	6	+	1007.32643	94.6	-1	562.94436	II
23	3	20	+	23	2	21	+	950.45859	69.5	0	179.10061	II
23	5	18	−	23	4	19	−	956.57949	69.0	10	193.02828	II
23	19	4	+	24	20	5	+	875.75178	94.6	1	745.89859	II
23	2	21	+	23	3	20	+	938.59137	68.0	-1	185.04061	II
23	20	3	−	24	21	4	−	873.11867	96.6	0	803.33802	II
23	19	4	+	23	18	5	+	995.85266	99.6	4	625.79800	II
23	17	6	+	24	18	7	+	881.01355	94.7	0	640.50372	II
23	1	22	−	22	2	21	−	957.84810	65.1	0	157.63171	II
23	1	22	+	22	2	21	+	957.84273	63.8	-1	157.56863	II
23	15	8	+	23	14	9	+	985.24838	96.5	0	446.73308	II
23	6	17	+	24	5	20	+	945.26236	94.8	-1	219.63378	II
23	11	12	+	24	12	13	+	897.31647	87.5	0	388.09943	II
23	17	6	−	23	18	5	−	895.66021	98.3	-4	626.48101	II
23	12	11	+	22	13	10	+	923.30851	98.7	1	394.63280	II
23	7	16	−	22	8	15	−	937.30651	94.9	-8	246.17549	II
23	19	4	−	23	18	5	−	995.92405	99.7	-2	626.48101	II
23	4	19	+	23	3	20	+	952.38290	53.8	-2	185.04061	II
23	4	19	−	23	3	20	−	952.38290	53.8	1	185.17707	II
23	4	19	+	24	3	22	+	941.31006	96.3	4	196.11399	II
23	20	3	−	22	19	4	−	1012.59503	96.3	1	663.86173	II
23	8	15	+	22	9	14	+	934.48013	96.3	0	270.10685	II
23	19	4	+	22	18	5	+	1009.94698	95.1	0	611.70326	II
24	20	5	−	23	19	4	−	1013.11581	96.6	1	677.93822	II
24	10	15	+	24	9	16	+	971.38975	87.3	0	298.87028	II
24	19	6	+	23	20	3	+	905.08675	99.6	5	731.18011	II
24	23	2	+	25	24	1	+	864.83965	98.8	-9	1002.74400	II
24	7	18	−	23	6	17	−	977.58734	84.1	-10	220.51389	II
24	11	14	−	23	12	11	−	926.54453	97.9	0	373.77102	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
24	6	19	−	24	5	20	−	959.92226	48.6	2	219.77501	II
24	8	17	−	24	9	16	−	920.29402	76.8	0	299.10635	II
24	16	9	+	24	17	8	+	898.28026	97.1	-1	591.73356	II
24	4	21	−	23	5	18	−	946.46458	91.5	-1	205.06697	II
24	20	5	+	24	21	4	+	887.77998	98.6	-8	802.47267	II
24	23	2	−	25	24	1	−	864.79979	98.9	-11	1003.80582	II
24	12	13	−	25	13	12	−	893.81211	90.3	0	439.06959	II
24	16	9	−	23	17	6	−	912.91028	99.3	6	577.65311	II
24	20	5	+	24	19	6	+	998.35302	99.6	-1	691.90038	II
24	13	12	+	24	12	13	+	979.71606	93.6	0	388.09943	II
24	3	22	−	25	4	21	−	916.97117	95.6	-2	223.70344	II
24	18	7	+	24	19	6	+	892.98083	98.7	-1	691.90038	II
24	14	11	+	25	15	10	+	888.36756	91.5	0	517.47060	II
24	17	8	+	23	16	7	+	1005.20252	91.4	-10	530.91907	II
24	6	19	+	25	7	18	+	910.73493	86.4	0	268.80137	II
24	12	13	+	23	11	12	+	991.64483	86.5	1	340.88641	II
24	19	6	−	24	20	5	−	890.30558	95.1	-1	746.69346	II
24	14	11	+	23	13	10	+	997.13249	89.2	-1	408.70564	II
24	5	20	−	25	6	19	−	913.60996	86.8	0	250.61403	II
24	12	13	−	25	11	14	−	961.71554	98.5	0	371.16615	II
24	22	3	+	23	21	2	+	1018.18918	98.0	-4	787.74715	II
24	3	22	−	24	4	21	−	933.59342	75.8	0	207.08139	II
24	8	17	−	25	9	16	−	904.99294	87.6	0	314.40742	II
24	10	15	−	23	9	14	−	986.11240	85.2	0	284.41992	II
24	1	24	−	25	2	23	−	908.13275	96.4	-8	209.60995	II
24	11	14	+	23	10	13	+	988.87126	84.3	1	311.13472	II
24	13	12	−	23	12	11	−	994.43940	87.6	0	373.77102	II
24	18	7	−	24	17	8	−	993.21433	88.4	6	592.33589	II
24	12	13	+	25	13	12	+	893.84525	89.9	0	438.68590	II
24	11	14	−	23	10	13	−	988.90763	86.3	1	311.40795	II
24	13	12	+	25	14	11	+	891.09691	90.8	-1	476.71850	II
24	8	17	−	24	7	18	−	965.74775	84.3	0	253.65259	II
24	13	12	−	25	14	11	−	891.06244	91.3	0	477.14802	II
24	5	20	−	24	6	19	−	928.97659	77.1	0	235.24740	II
24	21	4	−	23	20	3	−	1015.68982	98.0	-1	731.99978	II
24	15	10	−	24	16	9	−	900.91373	96.6	0	546.15873	II
24	10	15	−	24	11	14	−	914.65662	88.3	0	355.87568	II
24	6	19	+	25	5	20	+	944.37605	84.3	-5	235.15973	II
24	13	12	−	23	14	9	−	921.02684	98.9	-6	447.18304	II
24	8	17	−	23	9	14	−	934.98044	94.7	0	284.41992	II
24	2	23	+	25	1	24	+	929.95247	70.0	-3	199.84610	II
24	11	14	−	24	10	15	−	974.22700	91.1	1	326.08858	II
24	16	9	−	24	15	10	−	987.90382	98.0	0	502.65899	II
24	10	15	+	23	9	14	+	986.07843	84.5	0	284.18165	II
24	3	22	−	24	2	23	−	955.29330	85.0	2	185.38171	II
24	10	15	−	25	9	16	−	956.12521	98.0	3	314.40742	II
24	4	21	−	24	5	20	−	931.75659	75.8	0	219.77501	II
24	9	16	−	25	8	17	−	953.28919	95.4	0	290.26376	II
24	16	9	−	24	17	8	−	898.22697	96.9	0	592.33589	II
24	18	7	+	25	19	6	+	877.65824	96.0	2	707.22328	II
24	14	11	−	24	13	12	−	982.49969	96.0	1	423.78152	II
24	3	22	−	23	4	19	−	947.64693	95.9	4	193.02828	II
24	15	10	+	24	16	9	+	900.96408	95.7	-1	545.61411	II
24	6	19	−	25	7	18	−	910.71459	86.0	1	268.98260	II
24	2	23	−	24	1	24	−	956.62906	93.6	5	173.23496	II
24	6	19	−	23	7	16	−	940.75585	93.5	0	238.94124	II
24	2	23	−	25	3	22	−	913.60608	98.4	-6	216.25687	II
24	20	5	+	25	21	4	+	872.44419	97.1	1	817.80936	II
24	11	14	+	23	12	11	+	926.58926	97.1	0	373.41668	II
24	6	19	−	25	5	20	−	944.39056	95.6	1	235.30660	II
24	17	8	−	25	18	7	−	880.26391	95.1	1	656.46579	II
24	24	1	−	25	25	0	−	862.33910	99.4	4	1070.50223	II
24	11	14	+	25	10	15	+	958.88964	98.2	2	341.11647	II
24	7	18	−	23	8	15	−	937.84552	93.9	-9	260.25580	II
24	5	20	+	24	4	21	+	957.12399	76.3	-1	206.95673	II
24	21	4	+	23	22	1	+	899.95450	99.2	-6	846.86331	II
24	4	21	−	24	3	22	−	955.31722	78.0	0	196.21439	II
24	5	20	+	24	6	19	+	928.99215	76.4	0	235.08860	II
24	15	10	+	25	16	9	+	885.65790	93.4	-1	560.92023	II
24	13	12	+	24	14	11	+	906.39531	93.4	-1	461.42012	II
24	8	17	−	25	7	18	−	950.41788	95.7	1	268.98260	II
24	21	4	−	23	22	1	−	899.85708	99.7	-1	847.83247	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
24	13	12	−	24	12	13	−	979.76366	94.3	0	388.44678	II
24	6	19	+	24	5	20	+	959.90247	78.8	0	219.63378	II
24	19	6	+	23	18	5	+	1010.46840	95.7	1	625.79800	II
24	21	4	+	23	20	3	+	1015.63818	97.0	-1	731.18011	II
24	21	4	−	24	20	5	−	1000.99610	99.7	-1	746.69346	II
24	24	1	−	23	23	0	−	1023.29103	99.4	3	909.55021	II
24	12	13	−	23	13	10	−	923.77546	95.1	-2	409.10601	II
24	20	5	−	24	21	4	−	887.71689	99.2	10	803.33802	II
24	6	19	+	24	7	18	+	926.06414	78.8	0	253.47212	II
24	9	16	−	23	10	13	−	932.14490	95.5	-1	311.40795	II
24	10	15	−	23	11	12	−	929.33377	97.3	-2	341.19836	II
24	17	8	+	23	18	5	+	910.32413	99.4	-5	625.79800	II
24	14	11	+	23	15	8	+	918.36116	93.3	11	487.47811	II
24	19	6	−	24	18	7	−	995.83290	99.4	8	641.16702	II
24	6	19	−	24	7	18	−	926.04452	79.1	0	253.65259	II
24	7	18	+	24	8	17	+	923.17314	79.2	-10	274.74544	II
24	10	15	+	25	9	16	+	956.08710	95.8	1	314.17306	II
24	4	21	+	25	3	22	+	935.29369	93.2	-4	216.11096	II
24	1	24	−	25	0	25	−	930.34400	41.2	0	187.39949	II
24	4	21	−	25	3	22	−	935.27436	93.2	-4	216.25687	II
24	2	23	−	24	3	22	−	933.64884	79.7	-3	196.21439	II
24	5	20	+	25	4	21	+	940.52340	94.3	0	223.55733	II
24	21	4	+	25	20	5	+	985.59097	95.8	8	761.22816	II
24	1	24	+	23	0	23	+	958.13669	27.2	-2	159.58731	II
24	9	16	+	24	8	17	+	968.56897	86.1	0	274.74544	II
24	9	16	+	25	8	17	+	953.25663	96.1	1	290.05788	II
24	1	24	−	23	0	23	−	958.13669	27.2	1	159.60690	II
24	2	23	+	23	3	20	+	944.75850	93.0	3	185.04061	II
24	12	13	+	23	13	10	+	923.82509	98.7	-5	408.70564	II
24	6	19	+	23	7	16	+	940.77518	93.0	1	238.76117	II
24	4	21	−	23	3	20	−	966.35415	90.1	-4	185.17707	II
24	24	1	+	23	23	0	+	1023.23825	99.1	9	908.50162	II
24	10	15	+	25	11	14	+	899.39604	87.1	0	370.86403	II
24	9	16	−	23	8	15	−	983.29731	80.8	2	260.25580	II
24	12	13	+	25	11	14	+	961.66712	99.1	0	370.86403	II
24	18	7	−	25	19	6	−	877.61933	96.2	2	707.93049	II
24	14	11	−	24	15	10	−	903.62197	95.4	-1	502.65899	II
24	11	14	−	25	10	15	−	958.93227	98.7	-3	341.38295	II
24	4	21	+	24	3	22	+	955.29124	74.8	2	196.11399	II
24	13	12	+	23	12	11	+	994.39879	87.9	0	373.41668	II
24	11	14	−	25	12	13	−	896.58023	89.7	0	403.73533	II
24	18	7	+	23	19	4	+	907.69250	98.2	-3	677.18852	II
24	17	8	+	25	18	7	+	880.30227	95.0	1	655.82045	II
24	2	23	−	25	1	24	−	929.95139	70.4	4	199.91252	II
24	2	23	−	23	3	20	−	944.68605	99.4	-4	185.17707	II
24	14	11	+	24	13	12	+	982.44820	95.5	0	423.38998	II
24	1	24	+	24	2	23	+	932.40565	92.8	-6	185.31796	II
24	10	15	+	24	11	14	+	914.69100	87.9	0	355.56900	II
24	6	19	−	23	5	18	−	974.63009	81.2	0	205.06697	II
24	16	9	+	23	17	6	+	912.97986	99.5	-6	577.03347	II
24	13	12	−	24	14	11	−	906.35115	92.7	0	461.85930	II
24	1	24	+	25	0	25	+	930.34400	41.2	0	187.38020	II
24	21	4	−	25	22	3	−	869.83822	97.6	2	877.85160	II
24	15	10	+	23	14	9	+	999.84514	90.0	0	446.73308	II
24	7	18	+	25	6	19	+	947.46539	96.2	-11	250.45314	II
24	5	20	−	25	4	21	−	940.52010	95.5	-4	223.70344	II
24	5	20	+	25	6	19	+	913.62758	87.2	-1	250.45314	II
24	23	2	−	23	22	1	−	1020.77355	98.4	-7	847.83247	II
24	22	3	−	25	21	4	−	988.23151	98.4	-9	818.64950	II
24	2	23	+	24	1	24	+	956.58253	87.2	-6	173.21568	II
24	7	18	−	24	8	17	−	923.14956	82.1	-9	274.95176	II
24	12	13	−	23	11	12	−	991.68340	87.0	0	341.19836	II
24	3	22	+	23	4	19	+	947.67883	92.5	1	192.89407	II
24	24	1	+	25	25	0	+	862.37904	99.4	8	1069.36077	II
24	4	21	−	25	5	20	−	916.22504	89.2	0	235.30660	II
24	9	16	+	23	10	13	+	932.17955	96.4	-1	311.13472	II
24	10	15	−	24	9	16	−	971.42602	87.8	1	299.10635	II
24	18	7	+	23	17	6	+	1007.84788	94.5	0	577.03347	II
24	5	20	+	23	4	19	+	971.18622	82.3	-5	192.89407	II
24	16	9	−	25	17	8	−	882.93149	93.7	-1	607.63127	II
24	8	17	+	25	7	18	+	950.39082	90.0	5	268.80137	II
24	7	18	−	24	6	19	−	962.85388	82.3	-10	235.24740	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
24	10	15	+	23	11	12	+	929.37365	97.7	0	340.88641	II
24	10	15	−	25	11	14	−	899.36613	87.7	0	371.16615	II
24	15	10	−	25	16	9	−	885.62124	93.7	0	561.45124	II
24	3	22	+	23	2	21	+	961.47200	82.4	-2	179.10061	II
24	9	16	−	25	10	15	−	902.17002	87.7	0	341.38295	II
24	3	22	+	25	2	23	+	931.07867	86.0	0	209.49412	II
24	16	9	−	23	15	8	−	1002.58163	92.3	0	487.98117	II
24	8	17	+	24	9	16	+	920.32244	74.6	10	298.87028	II
24	5	20	+	23	6	17	+	943.72421	92.3	0	220.35659	II
24	16	9	+	25	17	8	+	882.96912	93.7	-1	607.04468	II
24	8	17	+	23	7	16	+	980.43048	82.6	-1	238.76117	II
24	3	22	+	24	4	21	+	933.61607	75.2	0	206.95673	II
24	9	16	−	24	8	17	−	968.60123	86.7	0	274.95176	II
24	16	9	+	23	15	8	+	1002.53569	92.2	-1	487.47811	II
24	14	11	−	23	13	10	−	997.17512	89.7	0	409.10601	II
24	3	22	+	24	2	23	+	955.25503	85.8	2	185.31796	II
24	15	10	+	24	14	11	+	985.15807	96.4	-1	461.42012	II
24	8	17	+	24	7	18	+	965.71950	82.7	-1	253.47212	II
24	14	11	−	25	15	10	−	888.33190	92.2	0	517.94924	II
24	5	20	−	23	6	17	−	943.71010	92.1	0	220.51389	II
24	11	14	−	24	12	13	−	911.86870	88.1	0	388.44678	II
24	12	13	+	24	11	14	+	976.96229	92.1	1	355.56900	II
24	18	7	+	24	17	8	+	993.14766	99.0	-1	591.73356	II
24	11	14	+	24	10	15	+	974.18699	90.4	1	325.81903	II
24	17	8	+	24	16	9	+	990.50862	98.7	1	545.61411	II
24	17	8	+	25	16	9	+	975.20268	99.3	3	560.92023	II
24	22	3	−	25	23	2	−	867.30201	98.8	-3	939.57958	II
24	19	6	−	23	18	5	−	1010.51812	96.0	0	626.48101	II
24	22	3	−	23	21	2	−	1018.24136	98.1	-5	788.63999	II
24	11	14	+	24	12	13	+	911.90647	90.0	0	388.09943	II
24	4	21	+	23	5	18	+	946.47821	89.9	0	204.92686	II
24	14	11	+	24	15	10	+	903.66944	95.1	0	502.16877	II
24	8	17	+	23	9	14	+	935.00996	95.4	-1	284.18165	II
24	4	21	+	25	5	20	+	916.24562	83.0	3	235.15973	II
24	16	9	+	24	15	10	+	987.84502	97.8	-1	502.16877	II
24	6	19	+	23	5	18	+	974.60936	83.0	0	204.92686	II
24	4	21	+	24	5	20	+	931.77130	74.3	0	219.63378	II
24	20	5	+	23	19	4	+	1013.06502	96.5	1	677.18852	II
24	21	4	+	24	22	3	+	885.22166	99.3	-4	861.59626	II
24	5	20	−	23	4	19	−	971.19555	83.2	-1	193.02828	II
24	17	8	+	24	18	7	+	895.61901	97.8	1	640.50372	II
24	17	8	−	23	16	7	−	1005.25081	93.7	-1	531.47871	II
24	12	13	−	24	11	14	−	977.00617	91.9	1	355.87568	II
24	2	23	+	23	1	22	+	958.95187	62.9	-1	170.84683	II
24	20	5	−	25	21	4	−	872.40467	97.1	2	818.64950	II
24	9	16	−	24	10	15	−	917.46422	85.6	-2	326.08858	II
24	18	7	−	23	17	6	−	1007.89652	94.1	0	577.65311	II
24	19	6	+	25	20	5	+	875.03849	95.5	3	761.22816	II
24	8	17	−	23	7	16	−	980.45908	83.3	0	238.94124	II
24	8	17	+	25	9	16	+	905.01868	86.6	0	314.17306	II
24	9	16	+	24	10	15	+	917.49534	86.3	0	325.81903	II
24	9	16	+	23	8	15	+	983.26577	83.4	0	260.04864	II
24	12	13	+	24	13	12	+	909.14120	91.9	0	423.38998	II
24	22	3	+	25	23	2	+	867.34189	98.9	-3	938.59455	II
24	15	10	−	23	14	9	−	999.88982	83.5	4	447.18304	II
24	17	8	−	24	18	7	−	895.56256	98.0	0	641.16702	II
24	20	5	−	23	21	2	−	902.41493	99.7	10	788.63999	II
24	12	13	−	24	13	12	−	909.10022	91.8	0	423.78152	II
24	21	4	+	25	22	3	+	869.87800	97.8	1	876.94049	II
24	4	21	+	23	3	20	+	966.36397	87.7	-5	185.04061	II
24	5	20	−	24	4	21	−	957.14273	64.8	2	207.08139	II
24	23	2	+	23	22	1	+	1020.72048	98.6	-8	846.86331	II
24	2	23	−	23	1	22	−	958.94949	64.9	1	170.91409	II
24	17	8	−	24	16	9	−	990.57089	98.7	0	546.15873	II
24	2	23	+	24	3	22	+	933.68480	83.9	0	196.11399	II
24	9	16	+	25	10	15	+	902.19797	87.3	0	341.11647	II
24	3	22	+	25	4	21	+	917.01507	83.9	-4	223.55733	II
24	19	6	−	25	20	5	−	874.99921	95.6	4	762.00032	II
24	7	18	−	25	8	17	−	907.83760	87.7	-9	290.26376	II
25	15	10	+	26	14	13	+	969.15374	83.3	-3	492.62829	II
25	20	5	−	24	19	6	−	1013.63253	96.9	0	692.62788	II
25	14	11	−	25	15	10	−	903.52320	95.1	0	517.94924	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
25	2	23	+	25	3	22	+	937.73287	74.1	-2	216.11096	II
25	18	7	−	26	17	10	−	977.20986	99.7	-1	623.53911	II
25	22	3	+	24	21	4	+	1018.70599	98.1	-6	802.47267	II
25	15	10	−	25	14	11	−	985.11699	96.8	0	477.14802	II
25	6	19	+	26	7	20	+	910.05622	86.7	0	284.74843	II
25	13	12	−	25	12	13	−	979.66625	94.2	1	403.73533	II
25	22	3	−	26	23	4	−	866.58110	96.8	-5	955.51506	II
25	21	4	−	24	22	3	−	900.36533	99.4	4	862.53517	II
25	3	22	−	25	4	21	−	936.88380	53.0	-2	223.70344	II
25	15	10	−	26	16	11	−	884.90884	94.2	0	577.35613	II
25	4	21	+	25	3	22	+	951.78249	57.3	-2	216.11096	II
25	18	7	−	26	19	8	−	876.90347	95.9	2	723.84588	II
25	1	24	−	26	2	25	−	928.92619	73.0	1	215.37461	II
25	10	15	−	26	9	18	−	955.40770	68.2	6	330.32340	II
25	16	9	+	26	17	10	+	882.25491	94.3	-1	622.96685	II
25	16	9	−	26	17	10	−	882.21804	94.3	0	623.53911	II
25	11	14	−	24	12	13	−	927.06262	95.1	-2	388.44678	II
25	6	19	−	26	7	20	−	910.03701	87.5	1	284.93072	II
25	5	20	−	25	4	21	−	955.95352	72.0	-1	223.70344	II
25	1	24	−	25	0	25	−	956.90160	94.4	4	187.39949	II
25	8	17	−	26	7	20	−	949.68580	96.7	0	284.93072	II
25	14	11	+	26	13	14	+	966.44551	99.5	-2	454.59350	II
25	4	21	+	26	5	22	+	916.85591	85.9	6	251.03828	II
25	6	19	+	25	5	20	+	959.64484	71.2	-1	235.15973	II
25	1	24	+	26	2	25	+	928.92272	71.1	0	215.31046	II
25	11	14	+	24	10	15	+	989.38547	85.9	0	325.81903	II
25	16	9	+	25	17	8	+	898.17701	96.6	-1	607.04468	II
25	4	21	−	26	5	22	−	916.85591	85.9	-9	251.18513	II
25	19	6	+	24	20	5	+	905.59028	94.5	-6	745.89859	II
25	11	14	+	26	12	15	+	895.90368	89.3	0	419.30087	II
25	5	20	−	26	4	23	−	941.21976	95.1	-1	238.43720	II
25	9	16	+	25	10	15	+	917.40468	85.7	0	341.11647	II
25	12	13	−	26	13	14	−	893.10319	89.6	-2	454.97022	II
25	2	23	−	25	1	24	−	954.05028	89.7	9	199.91252	II
25	11	14	−	25	12	13	−	911.77427	90.5	0	403.73533	II
25	14	11	−	24	15	10	−	918.81347	98.0	0	502.65899	II
25	11	14	+	25	12	13	+	911.81036	90.5	0	403.39412	II
25	18	7	−	24	17	8	−	1008.41290	94.6	-3	592.33589	II
25	12	13	+	26	13	14	+	893.13568	90.5	0	454.59350	II
25	15	10	−	25	16	9	−	900.81352	96.6	-2	561.45124	II
25	11	14	+	25	10	15	+	974.08816	90.6	1	341.11647	II
25	11	14	−	25	10	15	−	974.12673	90.6	1	341.38295	II
25	11	14	+	24	12	13	+	927.10528	98.0	2	388.09943	II
25	9	16	−	25	10	15	−	917.37513	85.3	0	341.38295	II
25	21	4	−	26	22	5	−	869.11851	98.0	0	893.78153	II
25	10	15	−	24	9	16	−	986.62420	85.2	1	299.10635	II
25	10	15	−	26	11	16	−	898.66062	88.4	0	387.06987	II
25	3	22	+	26	4	23	+	922.13245	87.6	8	238.30733	II
25	10	15	+	24	9	16	+	986.59107	85.1	1	298.87028	II
25	2	23	+	25	1	24	+	953.99849	87.6	6	199.84610	II
25	22	3	−	24	21	4	−	1018.75805	98.0	-5	803.33802	II
25	5	20	−	24	4	21	−	972.57558	86.4	-1	207.08139	II
25	12	13	−	24	11	14	−	992.19795	87.4	0	355.87568	II
25	12	13	−	26	11	16	−	961.00387	98.8	2	387.06987	II
25	18	7	+	25	19	6	+	892.87564	98.6	0	707.22328	II
25	15	10	−	24	16	9	−	916.10687	98.4	6	546.15873	II
25	9	16	−	24	8	17	−	983.80626	84.7	0	274.95176	II
25	22	3	+	26	23	4	+	866.62151	98.4	3	954.55810	II
25	18	7	+	25	17	8	+	993.05393	98.2	-3	607.04468	II
25	2	23	−	26	3	24	−	926.85026	84.5	4	227.11211	II
25	15	10	+	24	16	9	+	916.16771	98.0	-5	545.61411	II
25	17	8	−	25	16	9	−	990.47472	98.4	-3	561.45124	II
25	13	12	+	26	12	15	+	963.71414	98.9	6	419.30087	II
25	9	16	+	24	8	17	+	983.77570	84.4	0	274.74544	II
25	12	13	+	24	11	14	+	992.16025	86.3	1	355.56900	II
25	21	4	+	26	22	5	+	869.15806	98.0	0	892.89599	II
25	18	7	−	25	17	8	−	993.11769	98.9	-2	607.63127	II
25	10	15	+	25	9	16	+	971.28829	88.6	1	314.17306	II
25	11	14	−	24	10	15	−	989.42107	86.3	1	326.08858	II
25	4	21	−	25	3	22	−	951.78497	66.8	-1	216.25687	II
25	3	22	+	26	4	23	+	922.13245	87.6	8	238.30733	II
25	13	12	−	25	14	11	−	906.25343	91.3	-1	477.14802	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
25	4	21	−	25	5	20	−	932.73441	69.5	-9	235.30660	II
25	8	17	−	25	7	18	−	965.63385	84.3	0	268.98260	II
25	12	13	+	24	13	12	+	924.33901	98.2	-2	423.38998	II
25	8	17	+	25	7	18	+	965.60683	84.3	0	268.80137	II
25	13	12	+	24	14	11	+	921.59430	98.9	0	461.42012	II
25	15	10	+	24	14	11	+	1000.36220	91.3	0	461.42012	II
25	8	17	+	26	9	18	+	904.31791	87.6	0	330.09030	II
25	3	22	−	26	2	25	−	945.21308	91.4	3	215.37461	II
25	6	19	−	24	5	20	−	975.19256	84.2	-1	219.77501	II
25	20	5	−	25	19	6	−	998.32991	99.7	0	707.93049	II
25	21	4	−	25	22	3	−	885.04873	91.5	2	877.85160	II
25	5	20	+	24	4	21	+	972.55120	84.2	-2	206.95673	II
25	10	15	−	25	9	16	−	971.32311	88.2	0	314.40742	II
25	15	10	−	24	14	11	−	1000.40561	91.5	-1	461.85930	II
25	21	4	−	24	20	5	−	1016.20659	97.9	0	746.69346	II
25	17	8	−	25	18	7	−	895.46095	98.2	5	656.46579	II
25	4	21	+	25	5	20	+	932.73441	69.5	5	235.15973	II
25	12	13	+	25	13	12	+	909.04333	91.6	0	438.68590	II
25	4	21	+	24	5	20	+	948.25978	91.6	-1	219.63378	II
25	10	15	+	25	11	14	+	914.59726	87.3	0	370.86403	II
25	19	6	+	25	20	5	+	890.26185	91.7	5	761.22816	II
25	1	24	−	25	2	23	−	934.69008	83.7	-7	209.60995	II
25	18	7	+	24	17	8	+	1008.36526	94.8	-1	591.73356	II
25	10	15	−	25	11	14	−	914.56438	88.7	0	371.16615	II
25	6	19	+	24	5	20	+	975.17084	83.5	0	219.63378	II
25	1	24	−	24	2	23	−	958.91899	64.2	0	185.38171	II
25	13	12	+	26	14	13	+	890.38613	91.8	0	492.62829	II
25	13	12	−	26	14	13	−	890.35236	91.8	0	493.04915	II
25	14	11	−	24	13	12	−	997.69093	89.9	0	423.78152	II
25	3	22	+	25	4	21	+	936.88200	63.9	3	223.55733	II
25	7	18	−	26	8	19	−	907.14321	88.1	-10	306.19217	II
25	2	23	+	26	3	24	+	926.83443	82.6	-4	227.00912	II
25	8	17	−	25	9	16	−	920.20915	83.3	1	314.40742	II
25	24	1	−	24	23	2	−	1023.80725	99.0	-1	924.25788	II
25	12	13	−	25	13	12	−	909.00398	92.0	0	439.06959	II
25	9	16	−	24	10	15	−	932.66934	96.5	-1	326.08858	II
25	19	6	−	25	18	7	−	995.73596	99.0	-2	656.46579	II
25	8	17	−	24	7	18	−	980.96377	83.1	-1	253.65259	II
25	5	20	+	24	6	19	+	944.41956	92.0	0	235.08860	II
25	1	24	+	24	2	23	+	958.91516	62.8	-1	185.31796	II
25	4	21	−	24	5	20	−	948.26685	92.0	-1	219.77501	II
25	14	11	−	26	15	12	−	887.62061	92.1	0	533.85185	II
25	9	16	−	25	8	17	−	968.49433	86.2	1	290.26376	II
25	8	17	+	25	9	16	+	920.23502	82.9	-2	314.17306	II
25	16	9	−	25	17	8	−	898.12588	96.5	0	607.63127	II
25	12	13	+	25	11	14	+	976.86524	92.2	1	370.86403	II
25	17	8	+	26	18	9	+	879.58688	94.8	0	671.74822	II
25	17	8	+	25	18	7	+	895.51547	97.7	9	655.82045	II
25	17	8	−	26	18	9	−	879.54922	94.8	1	672.37716	II
25	20	5	−	26	21	6	−	871.68638	97.7	2	834.57421	II
25	3	22	−	26	4	23	−	922.15055	92.4	3	238.43720	II
25	17	8	+	25	16	9	+	990.41476	98.7	-1	560.92023	II
25	7	18	−	25	6	19	−	962.72126	82.4	-11	250.61403	II
25	5	20	+	26	6	21	+	913.08517	88.0	0	266.42293	II
25	16	9	+	24	15	10	+	1003.05299	92.4	-1	502.16877	II
25	0	25	+	26	1	26	+	929.68596	44.6	1	202.11303	II
25	0	25	−	26	1	26	−	929.68596	44.6	-2	202.13209	II
25	20	5	+	26	21	6	+	871.72543	97.7	0	833.75723	II
25	14	11	−	25	13	12	−	982.40280	95.4	-1	439.06959	II
25	19	6	+	24	18	7	+	1010.98571	96.0	-1	640.50372	II
25	14	11	+	25	13	12	+	982.35314	94.8	-2	438.68590	II
25	18	7	+	26	19	8	+	876.94175	95.4	1	723.15724	II
25	13	12	+	24	12	13	+	994.91507	88.0	1	388.09943	II
25	14	11	+	26	15	12	+	887.65556	92.5	0	533.38367	II
25	19	6	+	25	18	7	+	995.66830	99.1	-7	655.82045	II
25	24	1	+	24	23	2	+	1023.75445	99.1	3	923.24240	II
25	3	22	+	24	2	23	+	975.12213	97.6	11	185.31796	II
25	0	25	+	25	1	24	+	931.95231	92.6	-5	199.84610	II
25	12	13	−	25	11	14	−	976.90746	92.7	0	371.16615	II
25	1	24	+	25	2	23	+	934.73837	81.2	-7	209.49412	II
25	16	9	−	24	15	10	−	1003.09802	92.7	-1	502.65899	II
25	16	9	+	25	15	10	+	987.75102	97.5	-2	517.47060	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
25	4	21	+	26	3	24	+	940.88510	97.5	6	227.00912	II
25	9	16	+	25	8	17	+	968.46353	80.9	3	290.05788	II
25	5	20	−	26	6	21	−	913.07112	80.9	-2	266.58572	II
25	7	18	−	25	8	17	−	923.07162	80.9	-10	290.26376	II
25	19	6	−	25	20	5	−	890.20154	99.1	-1	762.00032	II
25	18	7	+	24	19	6	+	908.19894	97.5	4	691.90038	II
25	0	25	+	24	1	24	+	958.58313	27.8	-1	173.21568	II
25	5	20	−	24	6	19	−	944.40967	92.8	0	235.24740	II
25	6	19	−	25	5	20	−	959.66103	80.5	0	235.30660	II
25	9	16	+	26	10	17	+	901.49448	80.4	6	357.02729	II
25	3	22	+	24	4	21	+	953.48204	45.9	-2	206.95673	II
25	13	12	−	24	12	13	−	994.95477	88.5	0	388.44678	II
25	22	3	+	24	23	2	+	897.93598	99.6	-9	923.24240	II
25	15	10	+	25	14	11	+	985.06379	96.5	0	476.71850	II
25	2	23	+	24	3	22	+	957.72996	80.3	0	196.11399	II
25	13	12	+	25	12	13	+	979.62016	92.9	-1	403.39412	II
25	8	17	+	26	7	20	+	949.65889	94.5	-9	284.74843	II
25	8	17	−	24	9	16	−	935.51000	95.2	-1	299.10635	II
25	3	22	−	24	4	21	−	953.50624	93.0	2	207.08139	II
25	6	19	−	25	7	18	−	925.98508	79.9	1	268.98260	II
25	3	22	−	24	2	23	−	975.20477	99.1	-10	185.38171	II
25	10	15	+	24	11	14	+	929.89230	97.4	0	355.56900	II
25	19	6	+	26	20	7	+	874.32072	97.4	1	777.16884	II
25	11	14	+	26	10	17	+	958.17769	98.4	5	357.02729	II
25	7	18	−	26	6	21	−	946.74960	96.5	-11	266.58572	II
25	9	16	+	24	10	15	+	932.70195	96.1	-2	325.81903	II
25	19	6	−	26	20	7	−	874.28205	97.4	3	777.92017	II
25	8	17	+	24	7	18	+	980.93643	79.7	3	253.47212	II
25	24	1	−	26	25	2	−	861.61525	99.2	-2	1086.44978	II
25	15	10	+	26	16	11	+	884.94482	93.2	-1	576.83747	II
25	20	5	−	25	21	4	−	887.61071	99.2	-2	818.64950	II
25	2	23	−	24	3	22	−	957.74758	79.3	0	196.21439	II
25	5	20	+	26	4	23	+	941.20095	95.2	2	238.30733	II
25	0	25	−	24	1	24	−	958.58313	27.8	-1	173.23496	II
25	16	9	−	25	15	10	−	987.80768	97.3	-2	517.94924	II
25	6	19	−	26	5	22	−	943.78264	93.3	1	251.18513	II
25	10	15	−	24	11	14	−	929.85492	97.3	1	355.87568	II
25	13	12	+	25	14	11	+	906.29587	93.3	0	476.71850	II
25	0	25	−	25	1	24	−	931.90521	93.3	-5	199.91252	II
25	6	19	+	24	7	18	+	941.33258	93.4	1	253.47212	II
25	9	16	−	26	8	19	−	952.56569	97.3	-2	306.19217	II
25	8	17	−	26	9	18	−	904.29300	86.7	-1	330.32340	II
25	15	10	+	25	16	9	+	900.86206	95.2	0	560.92023	II
25	10	15	+	26	11	16	+	898.68963	88.6	0	386.77166	II
25	5	20	+	25	6	19	+	929.05497	77.7	0	250.45314	II
25	20	5	+	24	19	6	+	1013.58234	97.1	0	691.90038	II
25	6	19	+	25	7	18	+	926.00328	77.4	0	268.80137	II
25	21	4	+	24	20	5	+	1016.15584	96.1	4	745.89859	II
25	6	19	−	24	7	18	−	941.31508	93.6	0	253.65259	II
25	2	23	−	25	3	22	−	937.70485	77.1	-2	216.25687	II
25	21	4	+	25	20	5	+	1000.82594	98.1	0	761.22816	II
25	19	6	−	24	18	7	−	1011.03488	96.0	0	641.16702	II
25	10	15	+	26	9	18	+	955.37115	95.4	2	330.09030	II
25	24	1	+	26	25	2	+	861.65573	99.3	8	1085.34159	II
25	17	8	+	24	16	9	+	1005.72089	93.8	-1	545.61411	II
25	5	20	−	25	6	19	−	929.04300	76.5	0	250.61403	II
25	11	14	−	26	12	15	−	895.87293	90.3	0	419.63669	II
25	3	22	−	25	2	23	−	950.97732	76.4	-2	209.60995	II
25	20	5	+	25	21	4	+	887.67356	99.3	2	817.80936	II
25	5	20	+	25	4	21	+	955.95076	76.1	0	223.55733	II
25	7	18	−	24	8	17	−	938.38363	90.3	-10	274.95176	II
25	17	8	−	24	16	9	−	1005.76745	93.9	-1	546.15873	II
25	14	11	+	24	13	12	+	997.64923	90.3	0	423.38998	II
25	12	13	−	24	13	12	−	924.29236	89.2	3	423.78152	II
25	4	21	+	24	3	22	+	971.77981	94.0	2	196.11399	II
25	3	22	+	25	2	23	+	950.94493	75.5	0	209.49412	II
26	6	21	+	26	5	22	+	959.63652	80.0	0	251.03828	II
26	6	21	−	27	5	22	−	942.73441	95.4	0	268.10533	II
26	3	24	+	25	2	23	+	961.78388	80.0	-1	209.49412	II
26	8	19	+	27	7	20	+	948.92086	96.8	-1	301.31596	II
26	2	25	−	27	1	26	−	928.57021	57.6	4	231.10077	II
26	15	12	−	26	14	13	−	985.01689	96.9	1	493.04915	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
26	10	17	−	26	9	18	−	971.21535	89.3	0	330.32340	II
26	7	20	−	25	8	17	−	938.91994	93.0	-11	290.26376	II
26	16	11	−	27	15	12	−	971.19204	76.8	-11	550.36674	II
26	15	12	+	27	14	13	+	968.44379	99.6	-4	509.14956	II
26	6	21	+	26	7	20	+	925.92632	80.1	0	284.74843	II
26	14	13	+	26	15	12	+	903.46411	94.8	0	533.38367	II
26	26	1	+	27	27	0	+	856.14611	99.8	-6	1242.49327	II
26	4	23	+	27	3	24	+	932.88853	94.3	-2	249.67300	II
26	1	26	−	25	0	25	−	959.05813	27.9	0	187.39949	II
26	3	24	+	27	2	25	+	929.18900	64.8	-3	242.08885	II
26	9	18	+	25	10	15	+	933.22178	96.2	-2	341.11647	II
26	12	15	−	26	11	16	−	976.80455	92.9	0	387.06987	II
26	5	22	−	27	6	21	−	912.22877	89.0	0	283.20968	II
26	3	24	−	25	4	21	−	947.67883	92.5	-5	223.70344	II
26	11	16	−	27	10	17	−	957.49894	67.2	-5	373.81360	II
26	10	17	−	25	9	16	−	987.13131	86.2	0	314.40742	II
26	3	24	−	27	4	23	−	914.32723	97.4	-2	257.05529	II
26	22	5	−	25	21	4	−	1019.27077	98.4	-5	818.64950	II
26	16	11	+	25	15	10	+	1003.56621	92.9	-1	517.47060	II
26	11	16	+	27	12	15	+	895.19209	90.0	1	435.81982	II
26	9	18	−	27	10	17	−	900.76058	89.0	0	373.81360	II
26	4	23	+	25	3	22	+	966.45023	61.5	-5	216.11096	II
26	8	19	−	25	7	18	−	981.46240	80.3	-1	268.98260	II
26	4	23	+	26	3	24	+	955.55257	80.4	0	227.00912	II
26	21	6	+	25	20	5	+	1016.66885	97.5	1	761.22816	II
26	15	12	−	25	14	11	−	1000.91785	92.5	0	477.14802	II
26	18	9	+	26	17	10	+	992.95664	99.3	0	622.96685	II
26	18	9	+	25	17	8	+	1008.87878	95.2	0	607.04468	II
26	6	21	+	25	7	18	+	941.87341	92.9	0	268.80137	II
26	4	23	−	26	5	22	−	931.50846	74.8	0	251.18513	II
26	9	18	+	26	8	19	+	968.35106	76.2	-11	305.98635	II
26	12	15	+	26	11	16	+	976.76384	92.9	1	386.77166	II
26	5	22	−	27	4	23	−	938.38363	90.3	5	257.05529	II
26	20	7	−	27	21	6	−	870.96371	98.0	-2	851.11193	II
26	18	9	−	25	17	8	−	1008.92605	95.1	0	607.63127	II
26	14	13	−	26	15	12	−	903.42051	94.6	1	533.85185	II
26	11	16	+	26	12	15	+	911.71093	89.2	0	419.30087	II
26	18	9	+	27	19	8	+	876.22135	95.1	1	739.70227	II
26	2	25	−	25	3	22	−	943.41474	99.1	10	216.25687	II
26	11	16	−	25	12	13	−	927.57774	98.1	0	403.73533	II
26	18	9	+	26	19	8	+	892.76636	98.5	1	723.15724	II
26	4	23	+	25	5	20	+	947.40227	80.7	3	235.15973	II
26	14	13	−	26	13	14	−	982.30215	95.8	1	454.97022	II
26	21	6	−	25	20	5	−	1016.71936	97.8	0	762.00032	II
26	17	10	+	25	16	9	+	1006.23435	93.9	0	560.92023	II
26	11	16	−	27	12	15	−	895.16216	90.6	0	436.15091	II
26	12	15	−	25	13	12	−	924.80460	98.7	-2	439.06959	II
26	8	19	−	25	9	16	−	936.03769	95.6	0	314.40742	II
26	26	1	+	26	25	2	+	1013.29715	99.8	-13	1085.34159	II
26	1	26	+	25	0	25	+	959.05813	27.9	-2	187.38020	II
26	4	23	−	27	3	24	−	932.86654	94.5	-5	249.82657	II
26	22	5	+	25	21	4	+	1019.21950	98.2	-2	817.80936	II
26	14	13	+	27	15	12	+	886.93969	92.8	-1	549.90800	II
26	13	14	+	25	14	11	+	922.10215	98.5	-4	476.71850	II
26	21	6	+	26	22	5	+	885.00082	99.7	-1	892.89599	II
26	9	18	−	27	8	19	−	951.83665	96.2	0	322.73750	II
26	1	26	−	27	0	27	−	929.04792	37.1	1	217.40975	II
26	20	7	−	25	19	6	−	1014.14533	97.6	0	707.93049	II
26	19	8	+	26	20	7	+	890.15084	99.1	0	777.16884	II
26	9	18	+	27	8	19	+	951.80704	95.1	-1	322.53139	II
26	21	6	+	27	22	5	+	868.43398	98.5	-2	909.46277	II
26	20	7	+	26	19	8	+	998.16182	89.7	1	723.15724	II
26	17	10	+	26	18	9	+	895.40620	97.6	-2	671.74822	II
26	15	12	+	26	16	11	+	900.75669	88.5	4	576.83747	II
26	8	19	+	26	7	20	+	965.48850	84.0	0	284.74843	II
26	6	21	−	27	7	20	−	909.34017	81.6	1	301.49963	II
26	20	7	+	27	21	6	+	871.00272	97.6	0	850.31628	II
26	26	1	−	27	27	0	−	856.10885	99.1	12	1243.72767	II
26	1	26	+	27	0	27	+	929.04792	37.1	1	217.39072	II
26	12	15	+	26	13	14	+	908.94201	90.9	1	454.59350	II
26	4	23	−	26	3	24	−	955.58144	81.5	0	227.11211	II
26	8	19	−	26	7	20	−	965.51432	81.6	-1	284.93072	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
26	21	6	−	25	22	3	−	900.86807	99.7	0	877.85160	II
26	16	11	−	27	17	10	−	881.50061	95.3	1	640.05930	II
26	22	5	+	26	23	4	+	882.47041	99.7	-6	954.55810	II
26	8	19	+	27	9	18	+	903.61456	88.4	0	346.62232	II
26	16	11	+	27	17	10	+	881.53675	94.8	-1	639.50009	II
26	15	12	+	25	14	11	+	1000.87515	91.5	-1	476.71850	II
26	3	24	−	27	2	25	−	929.17842	84.2	1	242.20437	II
26	11	16	−	25	10	15	−	989.93002	84.2	-1	341.38295	II
26	12	15	−	25	11	14	−	992.70829	88.4	1	371.16615	II
26	1	26	−	26	2	25	−	931.08331	86.3	3	215.37461	II
26	15	12	+	27	16	11	+	884.22785	93.7	0	593.36585	II
26	6	21	+	27	5	22	+	942.72467	93.7	0	267.95012	II
26	11	16	+	26	10	17	+	973.98468	90.9	1	357.02729	II
26	14	13	−	27	13	14	−	965.78816	99.5	-8	471.48339	II
26	2	25	+	26	3	24	+	932.59626	84.9	-1	227.00912	II
26	1	26	+	27	2	25	+	904.34861	90.7	-10	242.08885	II
26	5	22	+	27	4	23	+	938.39300	95.7	-1	256.89639	II
26	8	19	−	27	7	20	−	948.94557	95.4	1	301.49963	II
26	20	7	−	26	21	6	−	887.50111	99.0	-5	834.57421	II
26	20	7	−	27	19	8	−	981.70213	99.3	2	740.37388	II
26	6	21	−	25	7	18	−	941.85717	93.6	1	268.98260	II
26	8	19	−	27	9	18	−	903.59046	87.7	-1	346.85458	II
26	14	13	−	25	13	12	−	998.20278	90.2	1	439.06959	II
26	11	16	−	26	12	15	−	911.67635	90.5	0	419.63669	II
26	11	16	+	25	10	15	+	989.89544	85.6	1	341.11647	II
26	26	1	−	25	25	0	−	1029.33485	99.8	17	1070.50223	II
26	17	10	+	27	16	11	+	973.78923	95.8	5	593.36585	II
26	6	21	−	26	7	20	−	925.90887	77.2	-1	284.93072	II
26	19	8	−	25	18	7	−	1011.54785	96.4	1	656.46579	II
26	10	17	+	27	11	16	+	897.97992	89.1	0	403.29207	II
26	1	26	+	26	2	25	+	931.12731	91.6	-7	215.31046	II
26	2	25	+	25	1	24	+	959.75871	51.7	-7	199.84610	II
26	4	23	−	25	5	20	−	947.38697	92.0	0	235.30660	II
26	3	24	+	25	4	21	+	947.72041	95.0	-4	223.55733	II
26	6	21	+	25	5	20	+	975.51498	84.2	-1	235.15973	II
26	5	22	−	26	6	21	−	928.85269	77.5	0	266.58572	II
26	13	14	−	26	12	15	−	979.56457	74.4	0	419.63669	II
26	10	17	−	26	11	16	−	914.46894	87.6	1	387.06987	II
26	4	23	+	26	5	22	+	931.52341	75.8	0	251.03828	II
26	14	13	+	26	13	14	+	982.25450	94.0	3	454.59350	II
26	20	7	+	26	21	6	+	887.56248	99.0	7	833.75723	II
26	9	18	−	26	8	19	−	968.38202	87.3	0	306.19217	II
26	11	16	−	26	10	17	−	974.02127	73.6	-5	357.29123	II
26	21	6	−	27	22	5	−	868.39502	97.2	0	910.32472	II
26	3	24	+	27	4	23	+	914.38187	97.2	2	256.89639	II
26	12	15	−	27	13	14	−	892.39101	91.3	0	471.48339	II
26	11	16	+	25	12	13	+	927.61785	98.1	1	403.39412	II
26	8	19	−	26	9	18	−	920.12171	84.3	0	330.32340	II
26	3	24	−	26	4	23	−	932.94545	78.0	-1	238.43720	II
26	22	5	+	25	23	2	+	898.43436	99.3	-2	938.59455	II
26	6	21	−	26	5	22	−	959.65477	78.0	2	251.18513	II
26	3	24	+	26	4	23	+	932.97072	78.0	-1	238.30733	II
26	16	11	+	26	17	10	+	898.06991	96.6	-2	622.96685	II
26	19	8	−	25	20	5	−	906.01253	99.4	-6	762.00032	II
26	13	14	−	25	12	13	−	995.46598	89.3	1	403.73533	II
26	5	22	+	26	4	23	+	956.98213	78.1	0	238.30733	II
26	10	17	−	27	11	16	−	897.95188	88.1	1	403.58693	II
26	15	12	−	27	16	11	−	884.19254	94.2	0	593.87331	II
26	10	17	+	26	9	18	+	971.18204	86.9	3	330.09030	II
26	14	13	+	25	13	12	+	998.16182	89.7	0	438.68590	II
26	17	10	−	25	16	9	−	1006.27989	91.7	-3	561.45124	II
26	13	14	+	26	12	15	+	979.52000	93.4	-2	419.30087	II
26	2	25	+	26	1	26	+	957.49301	65.0	5	202.11303	II
26	18	9	−	26	19	8	−	892.71209	97.2	7	723.84588	II
26	9	18	+	27	10	17	+	900.78617	78.3	-6	373.55170	II
26	4	23	−	27	5	22	−	914.58822	90.2	0	268.10533	II
26	13	14	+	26	14	13	+	906.19278	93.8	0	492.62829	II
26	6	21	+	27	7	20	+	909.35879	87.5	0	301.31596	II
26	19	8	−	26	20	7	−	890.09363	93.4	3	777.92017	II
26	3	24	−	26	2	25	−	956.00845	88.7	3	215.37461	II
26	13	14	−	26	14	13	−	906.15214	93.4	0	493.04915	II
26	4	23	−	25	3	22	−	966.43599	82.8	-7	216.25687	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
26	5	22	−	25	6	19	−	944.82433	91.3	-1	250.61403	II
26	11	16	+	27	10	17	+	957.46036	95.6	2	373.55170	II
26	6	21	−	25	5	20	−	975.53315	84.3	0	235.30660	II
26	16	11	−	25	17	8	−	913.92827	99.4	-3	607.63127	II
26	5	22	−	26	4	23	−	957.00118	78.9	-1	238.43720	II
26	10	17	+	26	11	16	+	914.50104	70.1	7	386.77166	II
26	9	18	−	25	8	17	−	984.31043	85.1	0	290.26376	II
26	13	14	+	27	14	13	+	889.67152	92.2	0	509.14956	II
26	5	22	+	26	6	21	+	928.86649	74.5	-1	266.42293	II
26	10	17	+	25	9	16	+	987.09902	85.9	1	314.17306	II
26	3	24	+	26	2	25	+	955.96763	87.4	0	215.31046	II
26	9	18	−	25	10	15	−	933.19115	96.4	-1	341.38295	II
26	5	22	−	25	4	21	−	971.73519	83.9	2	223.70344	II
26	12	15	−	26	13	14	−	908.90423	92.2	1	454.97022	II
26	8	19	+	25	7	18	+	981.43552	84.3	0	268.80137	II
26	14	13	−	25	15	10	−	919.32248	97.1	-6	517.94924	II
26	21	6	+	26	20	7	+	1000.72866	99.2	6	777.16884	II
26	12	15	+	27	13	14	+	892.42257	90.8	1	471.11287	II
26	20	7	+	25	19	6	+	1014.09561	97.3	-1	707.22328	II
26	17	10	−	26	18	9	−	895.35430	97.8	0	672.37716	II
26	10	17	−	25	11	14	−	930.37254	97.3	0	371.16615	II
26	19	8	−	27	20	7	−	873.56081	97.3	1	794.45282	II
26	10	17	+	25	11	14	+	930.40795	97.3	0	370.86403	II
26	8	19	+	26	9	18	+	920.14660	83.9	0	330.09030	II
26	21	6	−	26	22	5	−	884.93877	98.2	6	893.78153	II
26	12	15	+	25	11	14	+	992.67144	88.0	1	370.86403	II
26	22	5	−	27	23	4	−	865.85636	99.2	-3	972.06407	II
26	4	23	+	27	5	22	+	914.61154	90.4	-1	267.95012	II
26	2	25	+	27	1	26	+	928.57021	57.6	-3	231.03499	II
26	14	13	−	27	15	12	−	886.90567	93.3	1	550.36674	II
26	2	25	−	25	1	24	−	959.75871	51.7	6	199.91252	II
26	19	8	−	26	18	9	−	995.63630	99.6	0	672.37716	II
26	5	22	+	25	6	19	+	944.83625	92.2	-1	250.45314	II
26	12	15	+	27	11	16	+	960.24342	94.6	1	403.29207	II
26	18	9	−	27	19	8	−	876.18361	96.6	2	740.37388	II
26	2	25	−	26	3	24	−	932.55839	87.2	-1	227.11211	II
26	17	10	+	27	18	9	+	878.86750	95.6	-1	688.28704	II
26	17	10	−	27	18	9	−	878.83059	96.0	1	688.90098	II
26	16	11	−	25	15	10	−	1003.61052	93.2	-1	517.94924	II
26	9	18	+	25	8	17	+	984.28061	85.0	0	290.05788	II
26	17	10	+	26	16	11	+	990.31707	98.6	-1	576.83747	II
26	16	11	−	26	17	10	−	898.02029	97.0	-4	623.53911	II
26	9	18	−	26	10	17	−	917.28298	86.9	0	357.29123	II
26	22	5	+	27	23	4	+	865.89588	99.2	-2	971.13304	II
26	9	18	+	26	10	17	+	917.31117	86.2	0	357.02729	II
26	13	14	−	27	14	13	−	889.63885	91.1	2	509.56263	II
26	19	8	+	25	20	5	+	906.09192	99.5	4	761.22816	II
26	19	8	+	26	18	9	+	995.57155	99.2	1	671.74822	II
26	15	12	+	26	14	13	+	984.96540	97.1	0	492.62829	II
26	17	10	−	26	16	11	−	990.37469	97.3	-6	577.35613	II
26	13	14	+	25	12	13	+	995.42700	89.0	0	403.39412	II
26	16	11	+	26	15	12	+	987.65322	97.4	0	533.38367	II
26	16	11	−	26	15	12	−	987.70808	97.7	1	533.85185	II
26	3	24	−	25	2	23	−	961.77294	79.5	2	209.60995	II
26	19	8	+	27	20	7	+	873.59898	97.4	-1	793.72062	II
26	5	22	+	27	6	21	+	912.24545	89.0	0	283.04403	II
26	19	8	+	25	18	7	+	1011.49924	96.1	0	655.82045	II
26	2	25	−	26	1	26	−	957.53897	94.0	5	202.13209	II
26	13	14	−	25	14	11	−	922.05262	97.0	-6	477.14802	II
26	12	15	+	25	13	12	+	924.84942	98.4	0	438.68590	II
26	15	12	−	26	16	11	−	900.70979	96.0	0	577.35613	II
26	5	22	+	25	4	21	+	971.73215	87.1	0	223.55733	II
26	8	19	+	25	9	16	+	936.06380	90.1	-1	314.17306	II
26	18	9	−	25	19	6	−	908.62638	99.5	-4	707.93049	II
26	17	10	+	25	18	7	+	911.33451	99.4	3	655.82045	II
27	0	27	+	28	1	28	+	928.38923	46.3	1	233.23010	II
27	10	17	−	27	9	18	−	971.10263	89.6	0	346.85458	II
27	17	10	−	26	18	9	−	911.76751	99.4	-3	672.37716	II
27	19	8	−	28	20	9	−	872.83573	97.0	1	811.59808	II
27	16	11	−	26	15	12	−	1004.11902	93.7	-1	533.85185	II
27	19	8	−	26	20	7	−	906.51283	98.4	-7	777.92017	II
27	15	12	+	27	14	13	+	984.86278	96.6	-1	509.14956	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
27	3	24	+	26	4	23	+	955.48983	90.6	2	238.30733	II
27	5	22	+	27	6	21	+	929.04792	37.1	-5	283.04403	II
27	11	16	−	27	12	15	−	911.57503	90.6	0	436.15091	II
27	4	23	−	26	3	24	−	974.07305	96.8	9	227.11211	II
27	12	15	−	27	13	14	−	908.80094	91.8	2	471.48339	II
27	19	8	−	27	20	7	−	889.98085	98.6	0	794.45282	II
27	2	25	+	28	3	26	+	926.03542	83.6	0	260.20881	II
27	22	5	+	26	23	4	+	898.92693	97.8	-10	954.55810	II
27	9	18	−	28	10	19	−	900.05135	89.7	0	390.95025	II
27	18	9	−	28	17	12	−	975.78133	99.6	-9	657.19170	II
27	13	14	+	26	14	13	+	922.60674	97.8	-6	492.62829	II
27	20	7	+	26	19	8	+	1014.60507	97.0	0	723.15724	II
27	4	23	+	28	5	24	+	916.09104	91.9	-1	284.93174	II
27	11	16	+	27	10	17	+	973.87641	90.5	0	373.55170	II
27	17	10	−	27	16	11	−	990.27179	98.3	1	593.87331	II
27	11	16	+	27	12	15	+	911.60831	90.5	0	435.81982	II
27	10	17	−	27	11	16	−	914.37029	88.7	0	403.58693	II
27	8	19	+	27	9	18	+	920.05591	83.3	-1	346.62232	II
27	10	17	+	27	11	16	+	914.40047	88.6	0	403.29207	II
27	6	21	+	26	5	22	+	976.15336	83.2	0	251.03828	II
27	16	11	+	27	15	12	+	987.55119	97.8	0	549.90800	II
27	3	24	−	26	4	23	−	955.51608	92.0	0	238.43720	II
27	8	19	−	28	9	20	−	902.88580	86.9	2	364.00125	II
27	3	24	+	28	4	25	+	921.71813	92.0	4	272.07923	II
27	1	26	−	27	0	27	−	957.88699	88.6	-2	217.40975	II
27	9	18	−	26	8	19	−	984.80946	86.4	0	306.19217	II
27	5	22	+	28	6	23	+	911.84465	89.7	0	300.24774	II
27	17	10	+	27	16	11	+	990.21592	98.6	5	593.36585	II
27	4	23	+	27	3	24	+	951.34984	69.6	0	249.67300	II
27	8	19	−	27	7	20	−	965.38720	85.7	0	301.49963	II
27	1	26	−	28	2	27	−	927.69632	74.9	1	247.60068	II
27	12	15	−	28	13	16	−	891.67511	92.1	1	488.60911	II
27	15	12	+	26	14	13	+	1001.38416	92.1	0	492.62829	II
27	22	5	+	28	23	6	+	865.16629	98.1	-4	988.31935	II
27	15	12	−	26	14	13	−	1001.42601	92.2	0	493.04915	II
27	16	11	+	28	17	12	+	880.81483	95.1	0	656.64442	II
27	18	9	−	27	19	8	−	892.60031	98.5	3	740.37388	II
27	22	5	+	26	21	6	+	1019.72830	98.5	-5	833.75723	II
27	10	17	−	26	9	18	−	987.63380	86.7	0	330.32340	II
27	22	5	−	26	21	6	−	1019.77934	98.7	-5	834.57421	II
27	1	26	+	27	2	25	+	933.14057	88.8	-8	242.08885	II
27	21	6	+	27	20	7	+	1000.62697	99.6	7	793.72062	II
27	3	24	−	27	2	25	−	951.74950	62.4	6	242.20437	II
27	2	25	−	27	3	24	−	936.53501	82.6	-3	249.82657	II
27	5	22	−	27	4	23	−	955.19563	70.8	11	257.05529	II
27	21	6	−	26	20	7	−	1017.22789	97.7	-2	777.92017	II
27	5	22	−	26	6	21	−	945.66413	92.2	0	266.58572	II
27	1	26	+	26	2	25	+	959.91969	62.3	0	215.31046	II
27	13	14	−	27	12	15	−	979.45879	94.5	1	436.15091	II
27	5	22	+	27	4	23	+	955.19563	70.8	-4	256.89639	II
27	8	19	−	28	7	22	−	948.20026	96.4	0	318.68662	II
27	12	15	+	27	13	14	+	908.83702	92.3	0	471.11287	II
27	3	24	−	27	4	23	−	936.89795	68.8	0	257.05529	II
27	4	23	−	27	3	24	−	951.35760	71.0	-1	249.82657	II
27	14	13	−	26	15	12	−	919.82813	98.2	-6	533.85185	II
27	17	10	−	26	16	11	−	1006.78876	94.9	-1	577.35613	II
27	2	25	−	28	3	26	−	926.04804	82.3	0	260.31384	II
27	16	11	−	27	17	10	−	897.91089	92.4	-7	640.05930	II
27	20	7	−	28	21	8	−	870.23761	97.7	1	868.26248	II
27	13	14	−	26	12	15	−	995.97297	90.0	0	419.63669	II
27	19	8	+	27	18	9	+	995.46988	99.0	0	688.28704	II
27	14	13	+	26	15	12	+	919.88022	99.0	0	533.38367	II
27	15	12	+	27	16	11	+	900.64658	95.7	0	593.36585	II
27	10	17	−	28	9	20	−	953.95585	97.6	-1	364.00125	II
27	5	22	+	28	4	25	+	940.01312	95.1	-1	272.07923	II
27	17	10	−	27	18	9	−	895.24371	86.2	-3	688.90098	II
27	20	7	−	27	21	6	−	887.38694	99.5	-11	851.11193	II
27	10	17	−	26	11	16	−	930.88735	97.6	0	387.06987	II
27	20	7	+	28	21	8	+	870.27609	97.6	2	867.48649	II
27	19	8	+	27	20	7	+	890.03582	97.6	-5	793.72062	II
27	13	14	−	28	14	15	−	888.92123	92.6	0	526.68845	II
27	13	14	+	28	14	15	+	888.95333	92.6	0	526.28235	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
27	13	14	+	28	12	17	+	962.28435	99.1	-3	452.95106	II
27	9	18	−	26	10	17	−	933.71024	96.7	-2	357.29123	II
27	6	21	+	27	7	20	+	925.87571	81.3	0	301.31596	II
27	12	15	−	26	13	14	−	925.31421	95.9	3	454.97022	II
27	17	10	+	27	18	9	+	895.29409	97.0	-1	688.28704	II
27	20	7	+	27	19	8	+	998.05988	99.6	-2	739.70227	II
27	16	11	+	26	17	10	+	914.49224	99.5	-1	622.96685	II
27	12	15	+	26	11	16	+	993.17830	88.0	1	386.77166	II
27	12	15	+	26	13	14	+	925.35624	98.6	-1	454.59350	II
27	15	12	+	28	16	13	+	883.50712	94.9	0	610.50538	II
27	8	19	−	27	9	18	−	920.03283	81.0	6	346.85458	II
27	14	13	−	27	13	14	−	982.19725	96.0	0	471.48339	II
27	18	9	+	28	19	10	+	875.49684	96.7	0	756.85834	II
27	9	18	+	28	8	21	+	951.07332	98.1	-1	339.69337	II
27	1	26	−	26	2	25	−	959.92226	48.6	-1	215.37461	II
27	14	13	−	28	15	14	−	886.18681	93.9	0	567.49384	II
27	5	22	−	28	4	25	−	940.03589	95.5	0	272.21399	II
27	9	18	+	28	10	19	+	900.07680	89.6	0	390.68996	II
27	12	15	+	27	11	16	+	976.65786	92.9	1	403.29207	II
27	14	13	+	28	15	14	+	886.22015	92.9	-1	567.04364	II
27	10	17	+	28	9	20	+	953.92329	97.5	2	363.76946	II
27	18	9	−	28	19	10	−	875.45968	97.0	1	757.51431	II
27	20	7	+	28	19	10	+	980.90447	96.9	4	756.85834	II
27	8	19	+	26	7	20	+	981.92976	80.2	-1	284.74843	II
27	0	27	+	26	1	26	+	959.50619	28.9	-1	202.11303	II
27	3	24	−	26	2	25	−	978.57928	99.1	6	215.37461	II
27	14	13	+	27	13	14	+	982.15097	95.7	0	471.11287	II
27	9	18	−	28	8	21	−	951.10168	97.5	1	339.90007	II
27	15	12	+	26	16	11	+	917.17451	99.4	-5	576.83747	II
27	11	16	+	26	12	15	+	928.12729	97.4	1	419.30087	II
27	5	22	−	28	6	23	−	911.83442	90.1	0	300.41545	II
27	4	23	+	26	3	24	+	974.01387	93.0	1	227.00912	II
27	18	9	−	26	17	10	−	1009.43480	94.9	0	623.53911	II
27	4	23	−	28	5	24	−	916.09970	93.0	1	285.08470	II
27	13	14	−	26	14	13	−	922.56074	98.2	2	493.04915	II
27	5	22	−	27	6	21	−	929.04021	79.9	0	283.20968	II
27	1	26	+	28	2	27	+	927.69384	75.0	0	247.53632	II
27	3	24	+	27	2	25	+	951.70850	79.8	3	242.08885	II
27	18	9	+	27	19	8	+	892.65308	98.3	2	739.70227	II
27	0	27	−	27	1	26	−	930.53742	94.0	-1	231.10077	II
27	17	10	−	28	18	11	−	878.10792	95.9	0	706.03710	II
27	17	10	+	26	16	11	+	1006.74366	94.3	-1	576.83747	II
27	6	21	+	28	7	22	+	908.69036	86.7	1	318.50136	II
27	9	18	+	27	10	17	+	917.21500	86.4	0	373.55170	II
27	0	27	−	28	1	28	−	928.38923	46.3	-1	233.24895	II
27	16	11	+	26	15	12	+	1004.07552	93.2	0	533.38367	II
27	19	8	+	28	20	9	+	872.87340	97.3	-1	810.88349	II
27	4	23	−	27	5	22	−	933.07887	79.3	-1	268.10533	II
27	17	10	+	28	18	11	+	878.14439	95.8	0	705.43691	II
27	1	26	+	27	0	27	+	957.83939	72.5	-1	217.39072	II
27	16	11	+	27	17	10	+	897.95911	96.7	0	639.50009	II
27	6	21	+	28	5	24	+	942.25985	95.4	0	284.93174	II
27	12	15	−	27	11	16	−	976.69723	93.2	0	403.58693	II
27	3	24	−	28	4	25	−	921.73949	93.2	2	272.21399	II
27	2	25	−	26	3	24	−	959.24972	79.2	0	227.11211	II
27	6	21	−	27	5	22	−	959.25413	79.2	0	268.10533	II
27	14	13	−	28	13	16	−	965.07142	99.7	-1	488.60911	II
27	4	23	−	28	3	26	−	940.87056	96.7	1	260.31384	II
27	6	21	+	27	5	22	+	959.24156	79.0	1	267.95012	II
27	15	12	+	28	14	15	+	967.72974	99.2	-4	526.28235	II
27	13	14	+	27	12	15	+	979.41581	94.0	-1	435.81982	II
27	6	21	−	27	7	20	−	925.85989	78.9	0	301.49963	II
27	8	19	+	28	9	20	+	902.90881	89.2	0	363.76946	II
27	20	7	+	26	21	6	+	904.00531	99.2	2	833.75723	II
27	15	12	−	27	14	13	−	984.91266	97.0	1	509.56263	II
27	13	14	−	28	12	17	−	962.33241	96.9	8	453.27804	II
27	2	25	+	27	1	26	+	955.21013	78.2	9	231.03499	II
27	1	26	−	27	2	25	−	933.09307	78.2	5	242.20437	II
27	2	25	+	26	3	24	+	959.23503	73.0	-1	227.00912	II
27	4	23	+	27	5	22	+	933.07276	78.1	0	267.95012	II
27	8	19	−	26	9	18	−	936.56372	94.2	3	330.32340	II
27	11	16	+	28	10	19	+	956.73759	87.1	-5	390.68996	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
27	21	6	−	28	22	7	−	867.66745	98.4	1	927.48096	II
27	20	7	−	26	19	8	−	1014.65383	97.2	-3	723.84588	II
27	16	11	−	28	17	12	−	880.77934	95.2	1	657.19170	II
27	6	21	−	28	7	22	−	908.67291	89.4	0	318.68662	II
27	14	13	+	27	15	12	+	903.35582	95.4	0	549.90800	II
27	19	8	+	26	18	9	+	1012.00861	96.4	-1	671.74822	II
27	0	27	−	26	1	26	−	959.50619	28.9	0	202.13209	II
27	6	21	+	26	7	20	+	942.44324	93.6	0	284.74843	II
27	10	17	+	28	11	18	+	897.26712	90.2	0	420.42542	II
27	12	15	−	28	11	18	−	959.56745	94.2	8	420.71747	II
27	5	22	+	26	6	21	+	945.66915	88.4	-3	266.42293	II
27	2	25	−	27	1	26	−	955.26195	90.9	9	231.10077	II
27	9	18	+	26	10	17	+	933.73937	96.4	-1	357.02729	II
27	21	6	+	26	20	7	+	1017.17790	98.0	-1	777.16884	II
27	15	12	−	28	16	13	−	883.47248	94.6	0	611.00266	II
27	15	12	−	27	16	11	−	900.60192	96.0	0	593.87331	II
27	11	16	−	28	10	19	−	956.77553	98.9	-2	390.95025	II
27	13	14	+	26	12	15	+	995.93487	89.6	1	419.30087	II
27	13	14	−	27	14	13	−	906.04701	93.6	0	509.56263	II
27	11	16	+	28	12	17	+	894.47700	91.0	0	452.95106	II
27	19	8	−	26	18	9	−	1012.05648	96.6	-1	672.37716	II
27	11	16	−	26	12	15	−	928.08877	94.2	-5	419.63669	II
27	6	21	−	28	5	24	−	942.27477	84.7	0	285.08470	II
27	14	13	+	26	13	14	+	998.67035	91.0	0	454.59350	II
27	11	16	+	26	10	17	+	990.40088	87.6	1	357.02729	II
27	12	15	−	26	11	16	−	993.21433	88.4	0	387.06987	II
27	4	23	−	26	5	22	−	949.99917	93.6	0	251.18513	II
27	3	24	+	27	4	23	+	936.90054	66.9	-1	256.89639	II
27	5	22	+	26	4	23	+	973.78505	87.6	0	238.30733	II
27	9	18	+	26	8	19	+	984.78040	85.0	0	305.98635	II
27	8	19	+	27	7	20	+	965.36232	85.0	0	301.31596	II
27	6	21	−	26	5	22	−	976.17433	84.3	0	251.18513	II
27	22	5	−	28	23	6	−	865.12755	98.7	-1	989.22640	II
27	21	6	+	28	22	7	+	867.70633	98.3	3	926.64080	II
27	2	25	+	27	3	24	+	936.57076	73.8	-5	249.67300	II
27	8	19	+	26	9	18	+	936.58792	95.6	-1	330.09030	II
27	11	16	−	28	12	17	−	894.44796	90.8	1	453.27804	II
27	9	18	+	27	8	19	+	968.23537	86.5	0	322.53139	II
27	14	13	−	26	13	14	−	998.71039	91.2	0	454.97022	II
27	19	8	+	26	20	7	+	906.58867	91.3	5	777.16884	II
27	4	23	+	26	5	22	+	949.98457	89.6	0	251.03828	II
27	6	21	−	26	7	20	−	942.42814	91.3	-6	284.93072	II
27	14	13	−	27	15	12	−	903.31369	90.3	-2	550.36674	II
27	10	17	+	26	9	18	+	987.60229	86.3	1	330.09030	II
27	18	9	−	27	17	10	−	992.91452	98.9	-1	640.05930	II
27	10	17	+	26	11	16	+	930.92062	96.8	-2	386.77166	II
27	22	5	−	27	23	4	−	882.28973	99.4	-3	972.06407	II
27	9	18	−	27	8	19	−	968.26417	87.6	1	322.73750	II
27	8	19	−	26	7	20	−	981.95612	85.2	0	284.93072	II
27	10	17	−	28	11	18	−	897.23978	90.7	1	420.71747	II
27	18	9	+	27	17	10	+	992.85574	84.2	7	639.50009	II
27	13	14	+	27	14	13	+	906.08631	91.5	2	509.14956	II
27	20	7	+	27	21	6	+	887.44646	98.8	4	850.31628	II
27	5	22	−	26	4	23	−	973.81250	86.5	-2	238.43720	II
27	10	17	+	27	9	18	+	971.07022	88.6	0	346.62232	II
27	11	16	−	26	10	17	−	990.43482	87.7	1	357.29123	II
27	19	8	−	27	18	9	−	995.53280	99.4	1	688.90098	II
27	12	15	+	28	13	16	+	891.70582	91.6	1	488.24409	II
27	18	9	+	26	17	10	+	1009.38826	94.7	0	622.96685	II
28	16	13	+	28	15	14	+	987.44500	97.9	-1	567.04364	II
28	19	10	−	29	20	9	−	872.10657	97.4	0	829.35578	II
28	6	23	+	28	7	22	+	925.78681	79.6	0	318.50136	II
28	17	12	+	27	16	11	+	1007.24923	94.9	0	593.36585	II
28	15	14	+	29	14	15	+	967.01252	97.4	6	544.02671	II
28	5	24	−	27	6	21	−	945.91741	93.1	0	283.20968	II
28	11	18	+	28	12	17	+	911.50234	90.4	0	452.95106	II
28	10	19	+	27	11	16	+	931.43095	97.3	1	403.29207	II
28	5	24	+	28	4	25	+	956.89260	79.4	0	272.07923	II
28	14	15	−	28	15	14	−	903.20357	95.6	0	567.49384	II
28	19	10	+	27	18	9	+	1012.51424	96.6	0	688.28704	II
28	4	25	+	29	3	26	+	930.47630	93.1	3	285.64916	II
28	9	20	+	27	8	19	+	985.27490	86.4	0	322.53139	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
28	10	19	−	27	11	16	−	931.39904	97.0	-1	403.58693	II
28	14	15	−	27	13	14	−	999.21403	91.2	0	471.48339	II
28	5	24	−	28	6	23	−	928.71158	79.3	0	300.41545	II
28	10	19	+	28	11	18	+	914.29755	88.4	0	420.42542	II
28	19	10	−	28	20	9	−	889.86414	97.7	-1	811.59808	II
28	2	27	+	28	1	28	+	958.40126	94.0	-1	233.23010	II
28	10	19	−	29	9	20	−	953.22318	94.6	8	381.76372	II
28	12	17	−	29	13	16	−	890.95560	92.2	0	506.34739	II
28	5	24	−	28	4	25	−	956.91305	75.8	0	272.21399	II
28	13	16	−	28	14	15	−	905.93806	92.2	-2	526.68845	II
28	4	25	−	27	5	22	−	948.15676	93.3	0	268.10533	II
28	21	8	−	27	22	5	−	901.86097	99.2	1	910.32472	II
28	14	15	−	28	13	16	−	982.08825	96.1	0	488.60911	II
28	8	21	−	27	7	20	−	982.44226	86.4	0	301.49963	II
28	21	8	+	27	20	7	+	1017.68336	98.1	1	793.72062	II
28	4	25	+	27	5	22	+	948.17521	92.2	1	267.95012	II
28	12	17	+	27	11	16	+	993.68074	89.2	0	403.29207	II
28	20	9	+	28	21	8	+	887.32634	98.5	0	867.48649	II
28	8	21	−	29	7	22	−	947.44377	95.3	-1	336.49808	II
28	16	13	+	29	17	12	+	880.08898	95.7	0	674.39981	II
28	12	17	+	27	13	14	+	925.85989	78.9	0	471.11287	II
28	10	19	−	29	11	18	−	896.52449	89.9	0	438.46158	II
28	3	26	−	27	2	25	−	962.17630	76.6	0	242.20437	II
28	4	25	−	27	3	24	−	966.43599	82.8	5	249.82657	II
28	14	15	+	29	13	16	+	964.30044	93.3	1	505.98724	II
28	3	26	+	27	2	25	+	962.18521	75.9	1	242.08885	II
28	13	16	+	27	14	13	+	923.10921	96.1	5	509.14956	II
28	13	16	−	29	14	15	−	888.20014	93.3	0	544.42657	II
28	15	14	−	27	14	13	−	1001.93012	92.2	0	509.56263	II
28	14	15	−	29	13	16	−	964.35003	78.9	0	506.34739	II
28	18	11	−	27	19	8	−	909.62582	95.2	8	740.37388	II
28	16	13	−	29	17	12	−	880.05412	95.9	0	674.93621	II
28	9	20	+	29	8	21	+	950.33302	97.3	-2	357.47299	II
28	6	23	+	28	5	24	+	959.35661	78.8	2	284.93174	II
28	10	19	+	29	11	18	+	896.55111	90.2	0	438.17188	II
28	8	21	+	28	7	22	+	965.23061	57.6	-8	318.50136	II
28	16	13	+	27	15	12	+	1004.58072	93.3	0	549.90800	II
28	2	27	−	29	1	28	−	927.20960	58.2	0	264.48719	II
28	12	17	+	29	13	16	+	890.98546	91.7	-1	505.98724	II
28	19	10	−	27	20	7	−	907.01030	99.2	8	794.45282	II
28	4	25	+	29	5	24	+	912.78931	78.4	-1	303.33577	II
28	21	8	−	27	20	7	−	1017.73278	98.3	0	794.45282	II
28	18	11	+	27	19	8	+	909.69131	95.5	-3	739.70227	II
28	4	25	+	28	3	26	+	955.91634	83.0	0	260.20881	II
28	11	18	+	29	12	17	+	893.75870	91.7	0	470.69473	II
28	12	17	−	27	11	16	−	993.71614	89.2	1	403.58693	II
28	8	21	−	27	9	18	−	937.08728	95.6	-1	346.85458	II
28	11	18	−	29	12	17	−	893.73032	91.7	0	471.01815	II
28	19	10	−	27	18	9	−	1012.56137	96.6	0	688.90098	II
28	16	13	−	28	17	12	−	897.79867	97.2	1	657.19170	II
28	4	25	+	27	3	24	+	966.45200	83.0	-2	249.67300	II
28	6	23	−	29	7	22	−	907.96018	89.8	1	336.49808	II
28	18	11	+	28	19	10	+	892.53542	98.5	-1	756.85834	II
28	20	9	−	27	19	8	−	1015.15895	97.9	0	740.37388	II
28	20	9	+	27	21	6	+	904.49708	99.6	5	850.31628	II
28	8	21	+	27	9	18	+	937.11041	93.4	0	346.62232	II
28	14	15	+	29	15	14	+	885.49699	93.8	0	584.79061	II
28	14	15	−	29	15	14	−	885.46428	94.1	0	585.23310	II
28	6	23	−	29	5	24	−	940.95727	96.0	2	303.50105	II
28	9	20	−	28	10	19	−	917.09062	85.6	2	390.95025	II
28	5	24	−	27	4	23	−	972.07155	90.5	-2	257.05529	II
28	10	19	+	28	9	20	+	970.95349	88.6	0	363.76946	II
28	12	17	−	28	13	16	−	908.69378	92.0	-1	488.60911	II
28	1	28	+	27	0	27	+	959.96745	30.5	-1	217.39072	II
28	1	28	−	28	2	27	−	929.77730	85.4	8	247.60068	II
28	9	20	−	27	10	17	−	934.22700	93.7	-1	373.81360	II
28	11	18	−	28	10	19	−	973.79833	91.3	1	390.95025	II
28	4	25	+	28	5	24	+	931.19366	58.5	2	284.93174	II
28	1	28	−	29	0	29	−	927.73941	48.1	-1	249.63767	II
28	15	14	−	27	16	11	−	917.62019	93.5	7	593.87331	II
28	1	28	−	27	0	27	−	959.96745	30.5	0	217.40975	II
28	17	12	+	28	16	13	+	990.10965	98.0	0	610.50538	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
28	15	14	+	28	14	15	+	984.75627	96.8	0	526.28235	II
28	18	11	−	27	17	10	−	1009.93969	95.7	1	640.05930	II
28	4	25	−	28	5	24	−	931.17736	77.2	0	285.08470	II
28	16	13	+	28	17	12	+	897.84435	97.1	0	656.64442	II
28	17	12	−	28	18	11	−	895.13016	98.5	4	706.03710	II
28	9	20	+	27	10	17	+	934.25475	95.0	2	373.55170	II
28	2	27	+	29	1	28	+	927.20960	58.2	0	264.42187	II
28	13	16	−	27	12	15	−	996.47578	89.5	0	436.15091	II
28	13	16	+	29	12	17	+	961.56273	99.6	-8	470.69473	II
28	6	23	−	27	7	20	−	942.95863	93.6	1	301.49963	II
28	5	24	+	29	6	23	+	910.82966	89.8	0	318.14212	II
28	6	23	+	27	5	22	+	976.33805	86.0	0	267.95012	II
28	1	28	+	29	0	29	+	927.73941	48.1	0	249.61889	II
28	5	24	−	29	6	23	−	910.81349	90.2	1	318.31362	II
28	15	14	+	28	16	13	+	900.53340	95.2	2	610.50538	II
28	6	23	+	27	7	20	+	942.97288	84.3	7	301.31596	II
28	16	13	−	28	15	14	−	987.49640	97.0	0	567.49384	II
28	5	24	+	27	4	23	+	972.07528	89.4	-2	256.89639	II
28	10	19	−	28	11	18	−	914.26862	88.1	0	420.71747	II
28	4	25	−	29	5	24	−	912.76098	85.6	0	303.50105	II
28	19	10	+	28	18	11	+	995.36386	99.6	-5	705.43691	II
28	8	21	+	29	9	20	+	902.20054	89.3	-1	381.53207	II
28	12	17	+	28	11	18	+	976.54750	90.6	2	420.42542	II
28	21	8	−	28	22	7	−	884.70477	99.6	1	927.48096	II
28	19	10	+	29	18	11	+	977.60422	91.0	7	723.19780	II
28	18	11	−	28	19	10	−	892.48442	98.1	-2	757.51431	II
28	21	8	−	28	20	9	−	1000.58705	99.6	-5	811.59808	II
28	10	19	+	29	9	20	+	953.19097	90.0	1	381.53207	II
28	4	25	−	28	3	26	−	955.94819	81.5	0	260.31384	II
28	15	14	−	28	14	15	−	984.80431	96.9	0	526.68845	II
28	15	14	+	27	14	13	+	1001.88896	92.6	-1	509.14956	II
28	11	18	+	27	12	15	+	928.63317	98.3	-4	435.81982	II
28	9	20	−	28	8	21	−	968.14062	87.6	0	339.90007	II
28	14	15	+	28	13	16	+	982.04357	95.6	1	488.24409	II
28	9	20	−	27	8	19	−	985.30320	87.1	0	322.73750	II
28	5	24	+	29	4	25	+	936.06380	90.1	-1	292.90796	II
28	6	23	+	29	5	24	+	940.95238	95.9	0	303.33577	II
28	17	12	−	27	16	11	−	1007.29352	95.1	0	593.87331	II
28	6	23	−	28	7	22	−	925.77160	81.3	1	318.68662	II
28	11	18	−	28	12	17	−	911.47039	91.4	0	453.27804	II
28	9	20	−	29	10	19	−	899.33927	90.6	0	408.70138	II
28	13	16	−	28	12	17	−	979.34869	94.6	0	453.27804	II
28	6	23	−	28	5	24	−	959.37347	81.1	0	285.08470	II
28	14	15	+	28	15	14	+	903.24394	94.9	0	567.04364	II
28	20	9	+	27	19	8	+	1015.11041	97.5	-1	739.70227	II
28	14	15	+	27	13	14	+	999.17473	91.8	0	471.11287	II
28	20	9	−	29	21	8	−	869.50675	98.7	-4	886.02566	II
28	21	8	−	29	22	7	−	866.93549	98.7	-1	945.25006	II
28	19	10	+	28	20	9	+	889.91790	98.9	1	810.88349	II
28	2	27	+	27	1	26	+	960.59637	38.7	-1	231.03499	II
28	5	24	+	27	6	21	+	945.92770	92.6	-1	283.04403	II
28	10	19	+	27	9	18	+	988.10070	86.8	1	346.62232	II
28	2	27	−	28	3	26	−	931.38294	88.9	0	260.31384	II
28	3	26	−	29	2	27	−	927.41926	84.6	1	276.96152	II
28	21	8	+	29	22	7	+	866.97359	98.3	-3	944.43005	II
28	19	10	−	29	18	11	−	977.67737	97.5	4	723.78540	II
28	13	16	−	29	12	17	−	961.60821	98.7	-3	471.01815	II
28	19	10	+	29	20	9	+	872.14399	96.9	1	828.65743	II
28	3	26	−	28	2	27	−	956.78044	88.8	4	247.60068	II
28	12	17	−	28	11	18	−	976.58552	92.8	0	420.71747	II
28	18	11	−	28	17	12	−	992.80714	99.0	-1	657.19170	II
28	15	14	−	28	16	13	−	900.49038	94.9	3	611.00266	II
28	13	16	+	27	12	15	+	996.43842	90.0	0	435.81982	II
28	17	12	−	28	16	13	−	990.16413	98.7	-1	611.00266	II
28	18	11	−	29	19	10	−	874.73210	97.0	2	775.26704	II
28	10	19	−	28	9	20	−	970.98482	88.1	0	364.00125	II
28	12	17	−	27	13	14	−	925.81954	98.2	-1	471.48339	II
28	8	21	+	29	7	22	+	947.42203	92.5	2	336.31090	II
28	13	16	+	29	14	15	+	888.23157	92.9	1	544.02671	II
28	15	14	+	29	16	13	+	882.78246	94.5	0	628.25609	II
28	18	11	+	28	17	12	+	992.74968	96.3	2	656.64442	II
28	2	27	−	27	1	26	−	960.59637	38.7	4	231.10077	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
28	3	26	−	27	4	23	−	947.32437	91.1	-10	257.05529	II
28	8	21	−	28	9	20	−	919.94067	86.1	0	364.00125	II
28	18	11	+	27	17	10	+	1009.89392	95.1	1	639.50009	II
28	8	21	−	29	9	20	−	902.17821	89.9	0	381.76372	II
28	13	16	+	28	12	17	+	979.30719	94.5	0	452.95106	II
28	3	26	+	29	2	27	+	927.42687	84.1	0	276.84709	II
28	16	13	−	27	15	12	−	1004.62355	94.2	0	550.36674	II
28	12	17	+	28	13	16	+	908.72901	88.5	3	488.24409	II
28	6	23	+	29	7	22	+	907.97730	89.2	1	336.31090	II
28	20	9	+	29	19	10	+	980.18794	99.1	6	774.62544	II
28	17	12	+	28	18	11	+	895.17818	97.9	0	705.43691	II
28	3	26	−	28	4	25	−	932.16671	82.3	0	272.21399	II
28	13	16	−	27	14	13	−	923.06411	97.7	0	509.56263	II
28	20	9	+	29	21	8	+	869.54495	97.7	0	885.26782	II
28	2	27	+	28	3	26	+	931.42255	88.2	-1	260.20881	II
28	9	20	−	29	8	21	−	950.36027	93.0	2	357.68058	II
28	1	28	−	29	2	27	−	900.41605	96.0	4	276.96152	II
28	8	21	+	28	9	20	+	919.96320	85.4	-1	363.76946	II
28	5	24	−	29	4	25	−	936.04732	95.9	-1	293.07959	II
28	21	8	+	28	22	7	+	884.76319	99.3	1	926.64080	II
28	11	18	+	27	10	17	+	990.90167	87.0	0	373.55170	II
28	13	16	+	28	14	15	+	905.97584	93.8	0	526.28235	II
28	10	19	−	27	9	18	−	988.13151	87.7	0	346.85458	II
28	17	12	−	29	18	11	−	877.38159	96.2	1	723.78540	II
28	18	11	+	29	19	10	+	874.76868	96.7	2	774.62544	II
28	11	18	−	27	10	17	−	990.93493	88.1	1	373.81360	II
28	17	12	+	29	18	11	+	877.41734	96.4	1	723.19780	II
28	3	26	+	28	4	25	+	932.19495	57.3	2	272.07923	II
28	3	26	+	28	2	27	+	956.73759	87.1	-1	247.53632	II
28	5	24	+	28	6	23	+	928.72404	79.9	0	300.24774	II
28	9	20	+	28	10	19	+	917.11623	86.7	-1	390.68996	II
28	8	21	−	28	7	22	−	965.25526	84.4	-1	318.68662	II
28	2	27	−	28	1	28	−	958.44870	94.3	9	233.24895	II
28	6	23	−	27	5	22	−	976.35284	86.6	0	268.10533	II
28	15	14	−	29	16	13	−	882.74867	94.5	0	628.74411	II
28	9	20	+	29	10	19	+	899.36393	89.5	0	408.44230	II
28	11	18	+	28	10	19	+	973.76353	91.2	1	390.68996	II
28	8	21	+	27	7	20	+	982.41676	85.5	0	301.31596	II
28	9	20	+	28	8	21	+	968.11283	86.7	0	339.69337	II
29	5	24	+	28	6	23	+	947.00728	87.1	0	300.24774	II
29	15	14	−	30	16	15	−	882.02116	95.4	1	647.09756	II
29	10	19	−	30	9	22	−	952.48320	97.7	0	400.14232	II
29	14	15	−	29	13	16	−	981.97521	94.8	1	506.34739	II
29	9	20	+	28	8	21	+	985.76398	87.1	0	339.69337	II
29	16	13	−	28	15	14	−	1005.12393	93.9	0	567.49384	II
29	4	25	−	28	3	26	−	976.66941	98.1	-2	260.31384	II
29	20	9	+	29	19	10	+	997.84464	99.3	-2	774.62544	II
29	17	12	+	28	18	11	+	912.81836	99.3	-7	705.43691	II
29	2	27	+	29	3	26	+	935.14504	85.2	-4	285.64916	II
29	2	27	+	30	3	28	+	925.10483	82.4	-1	295.68969	II
29	8	21	+	29	9	20	+	919.86797	77.4	-9	381.53207	II
29	14	15	−	29	15	14	−	903.08933	95.5	-1	585.23310	II
29	8	21	+	29	7	22	+	965.09013	84.4	1	336.31090	II
29	0	29	+	30	1	30	+	927.07730	50.4	0	266.56577	II
29	0	29	−	28	1	28	−	960.41285	31.6	0	233.24895	II
29	16	13	+	28	15	14	+	1005.08186	93.9	0	567.04364	II
29	13	16	−	28	12	17	−	996.97448	90.7	1	453.27804	II
29	20	9	−	28	19	10	−	1015.65945	97.7	-3	757.51431	II
29	5	24	−	29	6	23	−	929.10857	51.7	-5	318.31362	II
29	17	12	−	30	16	15	−	971.69899	96.0	-3	647.09756	II
29	8	21	−	28	7	22	−	982.92427	84.0	-2	318.68662	II
29	18	11	+	29	17	12	+	992.63973	98.7	-2	674.39981	II
29	0	29	−	29	1	28	−	929.17496	92.4	3	264.48719	II
29	8	21	+	30	7	24	+	946.66440	89.5	-1	354.73645	II
29	10	19	−	28	9	20	−	988.62437	87.6	1	364.00125	II
29	17	12	−	29	16	13	−	990.05216	97.1	-6	628.74411	II
29	4	25	−	29	3	26	−	951.17439	55.1	-8	285.80829	II
29	6	23	+	29	7	22	+	925.75902	81.7	1	336.31090	II
29	21	8	+	30	22	9	+	866.23776	97.9	2	962.83047	II
29	20	9	+	29	21	8	+	887.20239	99.3	-1	885.26782	II
29	16	13	+	29	15	14	+	987.33488	98.1	-1	584.79061	II
29	13	16	+	29	12	17	+	979.19416	95.3	1	470.69473	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
29	20	9	−	28	21	8	−	904.91222	98.4	7	868.26248	II
29	14	15	+	30	13	18	+	963.57647	81.7	-1	524.34239	II
29	13	16	−	30	14	17	−	887.47542	94.0	0	562.77697	II
29	9	20	−	30	8	23	−	949.61246	97.0	-1	376.07915	II
29	21	8	−	28	20	9	−	1018.23354	98.5	1	811.59808	II
29	12	17	+	29	13	16	+	908.61696	92.4	0	505.98724	II
29	3	26	−	30	4	27	−	921.33285	93.6	2	308.38571	II
29	9	20	−	29	10	19	−	916.99030	82.4	0	408.70138	II
29	18	11	−	28	19	10	−	910.11876	93.6	10	757.51431	II
29	4	25	+	28	3	26	+	976.60052	97.9	3	260.20881	II
29	4	25	−	29	5	24	−	933.48228	79.6	-1	303.50105	II
29	16	13	+	30	17	14	+	879.35935	95.9	1	692.76626	II
29	5	24	+	29	4	25	+	954.34728	70.9	2	292.90796	II
29	12	17	−	28	11	18	−	994.21349	89.8	1	420.71747	II
29	11	18	+	28	10	19	+	991.39810	85.6	1	390.68996	II
29	19	10	−	30	20	11	−	871.37376	97.3	2	847.72576	II
29	10	19	+	28	9	20	+	988.59420	87.8	1	363.76946	II
29	12	17	+	30	11	20	+	958.07246	93.7	-1	456.53162	II
29	15	14	+	29	14	15	+	984.64542	97.0	0	544.02671	II
29	3	26	−	29	2	27	−	952.75691	84.6	1	276.96152	II
29	16	13	−	29	15	14	−	987.38480	97.7	1	585.23310	II
29	17	12	−	28	16	13	−	1007.79419	95.3	0	611.00266	II
29	13	16	+	30	14	17	+	887.50608	93.6	0	562.38270	II
29	8	21	−	29	7	22	−	965.11288	85.4	-1	336.49808	II
29	13	16	−	30	12	19	−	960.88142	97.7	3	489.37129	II
29	11	18	+	30	10	21	+	955.27886	98.7	-1	426.80896	II
29	18	11	+	29	19	10	+	892.41447	98.6	2	774.62544	II
29	16	13	−	28	17	12	−	915.42604	94.3	-1	657.19170	II
29	15	14	−	29	16	13	−	900.37457	95.6	1	628.74411	II
29	8	21	−	28	9	20	−	937.60880	91.9	-10	364.00125	II
29	19	10	+	30	20	11	+	871.41025	97.3	0	847.04239	II
29	20	9	+	30	19	12	+	979.46746	96.1	7	793.00353	II
29	3	26	−	28	4	25	−	957.50462	69.1	3	272.21399	II
29	3	26	+	28	4	25	+	957.47723	89.9	2	272.07923	II
29	12	17	−	28	13	16	−	926.32107	93.2	-7	488.60911	II
29	10	19	+	28	11	18	+	931.93810	97.3	-1	420.42542	II
29	10	19	+	30	11	20	+	895.83198	91.2	0	456.53162	II
29	8	21	−	29	9	20	−	919.84737	84.0	0	381.76372	II
29	2	27	+	28	3	26	+	960.58573	76.4	-1	260.20881	II
29	11	18	−	29	12	17	−	911.36259	90.6	0	471.01815	II
29	2	27	−	29	1	28	−	956.42353	91.5	-3	264.48719	II
29	18	11	+	30	19	12	+	874.03616	97.1	0	793.00353	II
29	10	19	+	29	9	20	+	970.83170	88.2	2	381.53207	II
29	5	24	−	30	4	27	−	939.03667	96.9	-3	308.38571	II
29	11	18	+	29	12	17	+	911.39318	91.5	0	470.69473	II
29	19	10	−	29	18	11	−	995.31414	98.4	2	723.78540	II
29	17	12	+	28	16	13	+	1007.75052	94.8	-1	610.50538	II
29	5	24	+	29	6	23	+	929.11289	80.2	0	318.14212	II
29	12	17	−	29	11	18	−	976.46932	91.9	0	438.46158	II
29	12	17	+	30	13	18	+	890.26185	91.7	0	524.34239	II
29	9	20	+	29	8	21	+	967.98436	87.8	0	357.47299	II
29	8	21	+	28	7	22	+	982.89948	86.8	-1	318.50136	II
29	20	9	+	30	21	10	+	868.80978	97.9	-3	903.66024	II
29	16	13	−	29	17	12	−	897.68159	94.6	0	674.93621	II
29	14	15	−	28	13	16	−	999.71345	92.2	0	488.60911	II
29	15	14	−	29	14	15	−	984.69209	96.9	1	544.42657	II
29	13	16	−	28	14	15	−	923.56487	98.9	9	526.68845	II
29	12	17	+	29	11	18	+	976.43253	92.2	2	438.17188	II
29	5	24	−	30	6	25	−	910.68099	91.9	0	336.74168	II
29	6	23	+	28	5	24	+	977.13819	87.2	1	284.93174	II
29	15	14	+	28	16	13	+	918.16675	98.7	0	610.50538	II
29	11	18	−	28	10	19	−	991.43060	87.4	2	390.95025	II
29	6	23	−	30	7	24	−	907.31815	90.8	0	354.92565	II
29	20	9	+	28	19	10	+	1015.61190	97.3	-1	756.85834	II
29	14	15	+	30	15	16	+	884.76995	95.0	-1	603.14893	II
29	3	26	+	29	2	27	+	952.70969	81.0	5	276.84709	II
29	21	8	−	29	22	7	−	884.58135	99.5	-2	945.25006	II
29	3	26	+	30	4	27	+	921.30917	88.4	-6	308.24656	II
29	18	11	−	28	17	12	−	1010.44045	96.1	0	657.19170	II
29	21	8	−	29	20	9	−	1000.47612	90.9	3	829.35578	II
29	9	20	−	29	8	21	−	968.01115	87.5	0	357.68058	II
29	0	29	−	30	1	30	−	927.07730	50.4	-1	266.58441	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
29	20	9	−	29	21	8	−	887.14865	96.0	3	886.02566	II
29	10	19	−	29	11	18	−	914.16394	85.3	0	438.46158	II
29	18	11	+	28	17	12	+	1010.39529	95.7	0	656.64442	II
29	18	11	−	30	19	12	−	874.00035	96.7	1	793.63190	II
29	17	12	+	29	18	11	+	895.05804	97.6	-1	723.19780	II
29	13	16	+	30	12	19	+	960.83716	97.3	-7	489.05094	II
29	8	21	+	28	9	20	+	937.63125	95.6	-2	363.76946	II
29	9	20	+	28	10	19	+	934.76726	95.9	-1	390.68996	II
29	14	15	−	30	13	18	−	963.62472	99.6	4	524.69825	II
29	5	24	+	28	4	25	+	975.17589	90.0	1	272.07923	II
29	16	13	−	30	17	14	−	879.32516	96.0	1	693.29271	II
29	15	14	+	30	16	15	+	882.05413	95.2	0	646.61797	II
29	5	24	−	28	4	25	−	975.20878	89.8	1	272.21399	II
29	2	27	−	30	3	28	−	925.11481	84.2	0	295.79625	II
29	6	23	−	28	5	24	−	977.15904	87.4	0	285.08470	II
29	11	18	−	29	10	19	−	973.67939	91.7	1	408.70138	II
29	11	18	−	30	10	21	−	955.31378	98.2	3	427.06720	II
29	18	11	−	29	17	12	−	992.69618	99.2	3	674.93621	II
29	4	25	+	29	3	26	+	951.15983	72.0	0	285.64916	II
29	17	12	−	30	18	13	−	876.65095	96.4	-2	742.14574	II
29	18	11	−	29	19	10	−	892.36510	98.6	0	775.26704	II
29	6	23	+	30	7	24	+	907.33346	90.0	0	354.73645	II
29	20	9	−	29	19	10	−	997.90694	99.7	0	775.26704	II
29	10	19	−	29	9	20	−	970.86187	90.0	0	381.76372	II
29	21	8	+	29	20	9	+	1000.40994	99.3	-7	828.65743	II
29	9	20	+	30	8	23	+	949.58700	96.7	1	375.87042	II
29	14	15	−	28	15	14	−	920.82944	99.2	7	567.49384	II
29	11	18	+	28	12	17	+	929.13613	78.7	-7	452.95106	II
29	17	12	+	29	16	13	+	989.99992	96.9	0	628.25609	II
29	5	24	−	29	4	25	−	954.34292	78.4	-2	293.07959	II
29	6	23	−	29	5	24	−	958.74272	78.4	0	303.50105	II
29	17	12	+	30	18	13	+	876.68641	96.1	1	741.56969	II
29	14	15	+	29	15	14	+	903.12841	95.0	1	584.79061	II
29	6	23	−	29	7	22	−	925.74570	82.0	0	336.49808	II
29	0	29	+	28	1	28	+	960.41285	31.6	-1	233.23010	II
29	19	10	+	28	18	11	+	1013.01576	96.7	0	705.43691	II
29	11	18	−	30	12	19	−	893.00942	92.1	0	489.37129	II
29	10	19	−	30	11	20	−	895.80611	91.5	0	456.81941	II
29	12	17	+	28	13	16	+	926.36028	98.3	2	488.24409	II
29	4	25	−	30	5	26	−	915.51677	94.8	2	321.46684	II
29	12	17	−	29	13	16	−	908.58355	92.8	0	506.34739	II
29	19	10	−	28	18	11	−	1013.06217	96.7	0	706.03710	II
29	14	15	+	28	13	16	+	999.67487	90.2	0	488.24409	II
29	2	27	−	29	3	26	−	935.10247	85.4	-3	285.80829	II
29	12	17	−	30	13	18	−	890.23272	93.4	1	524.69825	II
29	21	8	+	28	20	9	+	1018.18485	98.3	3	810.88349	II
29	13	16	+	28	12	17	+	996.93781	90.6	1	452.95106	II
29	9	20	+	30	10	21	+	898.64846	90.5	1	426.80896	II
29	19	10	+	29	20	9	+	889.79506	98.5	-2	828.65743	II
29	4	25	+	29	5	24	+	933.47319	78.1	0	303.33577	II
29	10	19	+	29	11	18	+	914.19171	89.5	0	438.17188	II
29	15	14	−	28	14	15	−	1002.43016	93.4	0	526.68845	II
29	3	26	+	29	4	25	+	936.64828	71.2	-1	292.90796	II
29	13	16	−	29	12	17	−	979.23433	94.8	0	471.01815	II
29	8	21	−	30	7	24	−	946.68550	97.6	1	354.92565	II
29	9	20	+	29	10	19	+	917.01507	83.9	0	408.44230	II
29	11	18	+	30	12	19	+	893.03705	92.7	1	489.05094	II
29	2	27	−	28	3	26	−	960.59637	38.7	-9	260.31384	II
29	6	23	+	29	5	24	+	958.73414	82.1	1	303.33577	II
29	15	14	+	29	16	13	+	900.41605	96.0	0	628.25609	II
29	21	8	−	30	22	9	−	866.20025	98.4	5	963.63179	II
29	9	20	−	28	8	21	−	985.79162	87.8	0	339.90007	II
29	6	23	+	28	7	22	+	943.56858	94.0	1	318.50136	II
29	14	15	−	30	15	16	−	884.73815	95.0	1	603.58446	II
29	13	16	+	29	14	15	+	905.86211	94.1	0	544.02671	II
29	8	21	+	30	9	22	+	901.49022	88.6	-2	399.91049	II
29	6	23	−	28	7	22	−	943.55726	92.5	1	318.68662	II
29	15	14	+	28	14	15	+	1002.38991	93.5	1	526.28235	II
29	5	24	−	28	6	23	−	947.00728	87.1	0	300.41545	II
29	13	16	−	29	14	15	−	905.82591	94.1	1	544.42657	II
29	6	23	+	30	5	26	+	940.76234	96.4	1	321.30761	II
29	12	17	+	28	11	18	+	994.17887	90.2	1	420.42542	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
29	5	24	+	30	6	25	+	910.68662	90.5	-1	336.56829	II
29	19	10	−	29	20	9	−	889.74301	90.2	-5	829.35578	II
29	8	21	−	30	9	22	−	901.46862	75.0	-1	400.14232	II
30	12	19	−	30	13	18	−	908.46974	92.8	0	524.69825	II
30	2	29	+	30	3	28	+	930.17997	89.7	0	295.68969	II
30	6	25	−	31	5	26	−	939.02048	89.7	0	341.53707	II
30	1	30	−	30	2	29	−	928.44793	94.6	-1	282.05304	II
30	17	14	+	30	16	15	+	989.88637	98.2	4	646.61797	II
30	20	11	−	31	21	10	−	868.03426	98.2	-1	923.38917	II
30	11	20	−	29	10	19	−	991.92147	89.9	1	408.70138	II
30	16	15	+	31	17	14	+	878.62585	95.8	0	711.74375	II
30	10	21	+	29	9	20	+	989.08270	88.6	1	381.53207	II
30	10	21	−	31	9	22	−	951.73843	98.1	0	419.13741	II
30	4	27	−	30	3	28	−	956.41504	86.1	0	295.79625	II
30	16	15	−	30	15	16	−	987.26871	98.1	-2	603.58446	II
30	12	19	+	29	11	18	+	994.67254	90.1	1	438.17188	II
30	6	25	+	29	7	22	+	944.07091	94.6	1	336.31090	II
30	16	15	−	29	15	14	−	1005.62022	94.6	-1	585.23310	II
30	13	18	+	31	12	19	+	960.10820	96.1	5	508.01980	II
30	4	27	−	29	3	26	−	966.40277	90.3	-2	285.80829	II
30	4	27	−	29	5	24	−	948.71028	85.8	1	303.50105	II
30	15	16	+	31	14	17	+	965.56315	99.5	4	581.35034	II
30	20	11	−	30	21	10	−	887.02193	99.5	-3	904.40128	II
30	2	29	−	30	3	28	−	930.13874	90.5	0	295.79625	II
30	10	21	+	30	9	22	+	970.70425	90.5	0	399.91049	II
30	2	29	−	31	3	28	−	901.81796	98.8	10	324.11807	II
30	19	12	−	31	20	11	−	870.63657	98.0	0	866.70785	II
30	17	14	−	30	16	15	−	989.93768	98.8	3	647.09756	II
30	14	17	+	30	13	18	+	981.81569	95.9	0	524.34239	II
30	12	19	−	29	11	18	−	994.70647	90.6	1	438.46158	II
30	20	11	+	31	21	10	+	868.07098	98.4	-1	922.66368	II
30	18	13	+	29	19	10	+	910.66628	99.5	-8	774.62544	II
30	19	12	+	30	20	11	+	889.66821	98.8	-4	847.04239	II
30	11	20	−	30	12	19	−	911.25175	90.8	3	489.37129	II
30	1	30	+	29	2	27	+	933.63621	96.6	9	276.84709	II
30	3	28	−	30	4	27	−	931.25975	84.9	0	308.38571	II
30	10	21	−	30	9	22	−	970.73362	90.9	1	400.14232	II
30	14	17	+	30	15	16	+	903.00903	94.7	-1	603.14893	II
30	11	20	−	31	10	21	−	954.57459	98.8	-2	446.04795	II
30	3	28	+	30	2	29	+	957.54856	90.9	0	281.98859	II
30	3	28	−	31	2	29	−	925.77572	84.7	0	313.86972	II
30	5	26	+	29	4	25	+	972.21398	84.7	4	292.90796	II
30	9	22	−	29	8	21	−	986.27442	87.3	0	357.68058	II
30	8	23	+	30	7	24	+	964.94640	84.6	-2	354.73645	II
30	15	16	−	30	16	15	−	900.25509	95.3	0	647.09756	II
30	3	28	−	30	2	29	−	957.59284	91.1	5	282.05304	II
30	12	19	+	31	11	20	+	957.33992	98.0	4	475.50483	II
30	8	23	+	31	9	22	+	900.77785	91.2	-1	418.90511	II
30	20	11	+	29	19	10	+	1016.10908	98.0	-3	774.62544	II
30	9	22	+	31	10	21	+	897.93015	91.3	0	445.79020	II
30	8	23	−	29	9	20	−	938.13058	96.1	-1	381.76372	II
30	2	29	+	31	3	28	+	901.91360	97.9	-4	323.95572	II
30	9	22	+	29	10	19	+	935.27824	91.3	2	408.44230	II
30	13	18	+	29	12	17	+	997.43284	91.3	1	470.69473	II
30	11	20	+	30	12	19	+	911.28098	91.3	0	489.05094	II
30	6	25	+	31	7	24	+	906.58867	91.3	1	373.79308	II
30	3	28	+	30	4	27	+	931.29052	84.3	-1	308.24656	II
30	17	14	+	30	18	13	+	894.93408	97.9	-2	741.56969	II
30	6	25	−	31	7	24	−	906.57285	91.5	1	373.98474	II
30	5	26	−	29	4	25	−	972.20334	91.5	-2	293.07959	II
30	9	22	−	31	10	21	−	897.90700	91.6	0	446.04795	II
30	2	29	−	29	1	28	−	961.44785	43.7	0	264.48719	II
30	8	23	+	30	9	22	+	919.77224	84.0	-3	399.91049	II
30	13	18	−	29	12	17	−	997.46876	91.6	1	471.01815	II
30	21	10	−	29	22	7	−	902.83527	97.9	-6	945.25006	II
30	4	27	+	31	3	28	+	928.11366	91.7	-5	323.95572	II
30	11	20	−	30	10	21	−	973.55565	91.8	1	427.06720	II
30	20	11	+	29	21	8	+	905.46725	94.8	3	885.26782	II
30	4	27	−	31	5	26	−	910.67453	83.5	4	341.53707	II
30	2	29	+	29	1	28	+	961.44785	43.7	0	264.42187	II
30	11	20	−	29	12	17	−	929.60460	96.3	0	471.01815	II
30	11	20	+	30	10	21	+	973.52300	91.9	1	426.80896	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
30	6	25	−	30	7	24	−	925.63194	83.0	1	354.92565	II
30	6	25	−	30	5	26	−	959.09072	83.0	0	321.46684	II
30	16	15	+	30	17	14	+	897.60343	97.8	1	692.76626	II
30	10	21	+	31	11	20	+	895.10991	92.1	0	475.50483	II
30	9	22	−	30	8	23	−	967.87576	88.7	0	376.07915	II
30	19	12	−	30	20	11	−	889.61852	99.0	-1	847.72576	II
30	3	28	+	31	2	29	+	925.78058	82.7	0	313.75654	II
30	16	15	+	29	17	12	+	915.96984	97.7	1	674.39981	II
30	6	25	+	30	5	26	+	959.07412	82.4	1	321.30761	II
30	17	14	−	31	18	13	−	875.91727	95.5	3	761.11800	II
30	14	17	+	29	13	16	+	1000.17084	92.4	0	505.98724	II
30	18	13	−	31	19	12	−	873.26459	97.7	0	812.60875	II
30	1	30	−	29	0	29	−	960.86340	31.8	0	249.63767	II
30	4	27	+	30	3	28	+	956.38062	82.1	4	295.68969	II
30	16	15	−	30	17	14	−	897.56076	97.6	1	693.29271	II
30	14	17	−	29	13	16	−	1000.20875	92.5	1	506.34739	II
30	5	26	−	30	4	27	−	956.89744	82.0	0	308.38571	II
30	1	30	+	29	0	29	+	960.86340	31.8	-1	249.61889	II
30	5	26	−	31	6	25	−	909.34017	81.6	0	355.94295	II
30	2	29	+	29	3	26	+	940.21960	96.5	-9	285.64916	II
30	17	14	−	29	18	11	−	913.25025	92.6	7	723.78540	II
30	12	19	+	30	11	20	+	976.31303	92.6	3	456.53162	II
30	15	16	−	31	16	15	−	881.28960	96.5	-1	666.06294	II
30	4	27	+	29	3	26	+	966.42048	88.8	-2	285.64916	II
30	5	26	+	29	6	23	+	946.97930	92.7	-1	318.14212	II
30	17	14	+	29	18	11	+	913.30559	81.0	-6	723.19780	II
30	19	12	+	31	20	11	+	870.67291	97.5	2	866.03831	II
30	5	26	−	30	6	25	−	928.54147	81.0	0	336.74168	II
30	4	27	−	30	5	26	−	930.74444	80.5	0	321.46684	II
30	10	21	−	29	9	20	−	989.11218	88.9	0	381.76372	II
30	9	22	+	30	8	23	+	967.84995	88.4	0	375.87042	II
30	11	20	−	31	12	19	−	892.28529	92.8	1	508.33754	II
30	18	13	+	30	17	14	+	992.52583	94.9	-4	692.76626	II
30	8	23	−	31	7	24	−	945.90947	92.9	-2	373.98474	II
30	11	20	+	31	12	19	+	892.31213	93.0	1	508.01980	II
30	5	26	+	30	6	25	+	928.55319	80.1	0	336.56829	II
30	15	16	+	29	16	13	+	918.65722	95.4	2	628.25609	II
30	18	13	−	30	19	12	−	892.24145	98.3	0	793.63190	II
30	10	21	−	31	11	20	−	895.08486	93.0	1	475.79109	II
30	21	10	+	29	20	9	+	1018.68195	98.4	2	828.65743	II
30	8	23	−	31	9	22	−	900.75669	88.5	-3	419.13741	II
30	2	29	+	31	1	30	+	925.85692	58.3	1	300.01290	II
30	1	30	+	31	0	31	+	926.41808	51.3	0	284.06433	II
30	2	29	−	31	1	30	−	925.85692	58.3	-2	300.07790	II
30	10	21	+	29	11	18	+	932.44292	97.3	1	438.17188	II
30	12	19	+	30	13	18	+	908.50201	93.2	1	524.34239	II
30	18	13	−	30	17	14	−	992.58066	99.2	0	693.29271	II
30	6	25	+	30	7	24	+	925.64525	79.1	0	354.73645	II
30	13	18	−	30	12	19	−	979.11561	95.4	0	489.37129	II
30	4	27	−	31	3	28	−	928.09223	78.8	-9	324.11807	II
30	8	23	+	31	7	24	+	945.88991	97.2	0	373.79308	II
30	14	17	+	29	15	14	+	921.36636	93.4	-11	584.79061	II
30	8	23	−	30	7	24	−	964.96863	87.1	-1	354.92565	II
30	14	17	−	31	13	18	−	962.89429	97.2	-1	543.66171	II
30	19	12	+	30	18	13	+	995.14147	99.2	2	741.56969	II
30	21	10	−	30	22	9	−	884.45381	99.2	-3	963.63179	II
30	5	26	−	29	6	23	−	946.96954	93.5	0	318.31362	II
30	2	29	+	30	1	30	+	959.30350	93.5	-4	266.56577	II
30	16	15	−	31	17	14	−	878.59228	96.4	0	712.26109	II
30	16	15	+	31	15	16	+	968.25014	99.3	-8	622.11862	II
30	18	13	+	31	19	12	+	873.29990	97.1	-1	811.99257	II
30	21	10	−	31	22	9	−	865.46054	99.3	6	982.62598	II
30	9	22	−	29	10	19	−	935.25340	93.6	-2	408.70138	II
30	15	16	+	29	14	15	+	1002.88637	93.6	0	544.02671	II
30	3	28	+	29	2	27	+	962.69004	76.9	0	276.84709	II
30	14	17	−	30	13	18	−	981.85825	76.8	4	524.69825	II
30	15	16	−	29	14	15	−	1002.92607	93.7	0	544.42657	II
30	19	12	−	29	18	11	−	1013.55906	97.0	0	723.78540	II
30	5	26	+	31	4	27	+	933.56362	97.0	-5	331.55740	II
30	12	19	+	31	13	18	+	889.53484	93.7	1	543.30961	II
30	12	19	−	30	11	20	−	976.34860	93.8	1	456.81941	II
30	2	29	−	30	1	30	−	959.35101	93.9	4	266.58441	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
30	13	18	+	31	14	17	+	886.77719	93.9	1	581.35034	II
30	19	12	−	30	18	13	−	995.19869	99.3	0	742.14574	II
30	12	19	−	31	13	18	−	889.50633	93.9	1	543.66171	II
30	19	12	+	29	18	11	+	1013.51328	97.0	1	723.19780	II
30	18	13	+	29	17	12	+	1010.89274	96.0	0	674.39981	II
30	9	22	−	30	10	21	−	916.88777	76.0	0	427.06720	II
30	1	30	+	30	2	29	+	928.49342	94.0	-4	281.98859	II
30	4	27	+	30	5	26	+	930.76244	75.7	2	321.30761	II
30	13	18	−	31	14	17	−	886.74728	94.1	1	581.73962	II
30	8	23	+	29	7	22	+	983.37212	86.9	0	336.31090	II
30	4	27	+	29	5	24	+	948.73400	94.2	-1	303.33577	II
30	9	22	+	31	8	23	+	948.83464	94.2	11	394.88680	II
30	5	26	−	31	4	27	−	933.54194	96.8	-4	331.74083	II
30	13	18	+	30	12	19	+	979.07665	94.2	1	489.05094	II
30	6	25	−	29	7	22	−	944.05961	94.3	2	336.49808	II
30	14	17	+	31	13	18	+	962.84858	99.4	1	543.30961	II
30	19	12	+	29	20	9	+	908.05396	94.4	4	828.65743	II
30	13	18	−	30	14	17	−	905.70986	94.4	0	562.77697	II
30	13	18	+	30	14	17	+	905.74477	94.5	0	562.38270	II
30	9	22	−	31	8	23	−	948.85814	96.0	1	395.09693	II
30	16	15	−	31	15	16	−	968.30554	99.5	0	622.54785	II
30	8	23	−	30	9	22	−	919.75194	87.5	-1	400.14232	II
30	20	11	−	30	19	12	−	997.79147	99.5	-1	793.63190	II
30	3	28	−	29	2	27	−	962.68355	49.3	-4	276.96152	II
30	16	15	+	29	15	14	+	1005.57891	94.5	0	584.79061	II
30	4	27	+	31	5	26	+	910.70969	95.1	-2	341.36001	II
30	15	16	+	30	16	15	+	900.29487	95.1	-3	646.61797	II
30	1	30	−	31	0	31	−	926.41808	51.3	-1	284.08291	II
30	14	17	+	31	15	16	+	884.03953	94.5	1	622.11862	II
30	17	14	−	30	18	13	−	894.88930	98.3	1	742.14574	II
30	14	17	−	31	15	16	−	884.00833	95.5	1	622.54785	II
30	17	14	−	29	16	13	−	1008.29077	95.7	-1	628.74411	II
30	8	23	+	29	9	20	+	938.15076	95.7	-2	381.53207	II
30	17	14	+	29	16	13	+	1008.24787	95.2	0	628.25609	II
30	18	13	−	29	17	12	−	1010.93701	96.2	-2	674.93621	II
30	15	16	+	31	16	15	+	881.32209	95.8	0	665.59101	II
30	14	17	−	30	15	16	−	902.97157	95.2	0	603.58446	II
30	20	11	−	29	19	10	−	1016.15584	96.1	-6	775.26704	II
30	17	14	+	31	18	13	+	875.95131	95.2	-1	760.55256	II
30	15	16	−	29	16	13	−	918.60867	96.1	2	628.74411	II
30	10	21	+	30	11	20	+	914.08309	89.5	0	456.53162	II
30	9	22	+	30	10	21	+	916.91138	88.0	0	426.80896	II
30	9	22	+	29	8	21	+	986.24739	88.0	0	357.47299	II
30	21	10	−	29	20	9	−	1018.73051	98.5	4	829.35578	II
30	21	10	+	31	22	9	+	865.49719	98.5	0	981.84198	II
30	15	16	+	30	14	17	+	984.53047	96.6	1	562.38270	II
30	6	25	+	29	5	24	+	977.04593	88.2	0	303.33577	II
30	20	11	+	30	19	12	+	997.73125	99.7	0	793.00353	II
30	6	25	−	29	5	24	−	977.05622	87.7	-2	303.50105	II
30	12	19	−	29	13	16	−	926.82075	98.5	2	506.34739	II
30	8	23	−	29	7	22	−	983.39622	87.6	-1	336.49808	II
30	10	21	−	30	11	20	−	914.05651	88.3	1	456.81941	II
30	18	13	+	30	19	12	+	892.28906	98.6	1	793.00353	II
30	11	20	+	29	10	19	+	991.88965	89.5	1	408.44230	II
31	10	21	+	32	9	24	+	950.96019	94.0	0	438.51628	II
31	14	17	−	31	15	16	−	902.85010	95.0	0	622.54785	II
31	12	19	+	31	11	20	+	976.18841	93.9	1	475.50483	II
31	18	13	−	32	17	16	−	972.88156	93.9	2	731.84127	II
31	9	22	+	30	8	23	+	986.72532	88.5	0	375.87042	II
31	15	16	+	31	14	17	+	984.41108	97.0	-1	581.35034	II
31	21	10	−	30	20	11	−	1019.22303	98.6	3	847.72576	II
31	6	25	+	32	5	28	+	939.30266	93.9	1	360.15357	II
31	13	18	−	31	12	19	−	978.99250	95.1	1	508.33754	II
31	10	21	−	31	11	20	−	913.94619	90.7	1	475.79109	II
31	14	17	+	31	15	16	+	902.88580	86.9	-5	622.11862	II
31	0	31	−	31	1	30	−	927.81029	94.9	-2	300.07790	II
31	20	11	+	32	21	12	+	867.32803	98.8	-1	942.27807	II
31	5	26	−	30	4	27	−	976.83283	93.8	0	308.38571	II
31	15	16	−	31	16	15	−	900.13186	96.4	0	666.06294	II
31	3	28	−	31	4	27	−	936.05810	76.6	-1	331.74083	II
31	17	14	−	32	18	15	−	875.17903	97.0	1	780.70204	II
31	16	15	−	32	17	16	−	877.85567	96.4	0	731.84127	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
31	17	14	+	30	16	15	+	1008.74117	95.7	1	646.61797	II
31	20	11	−	30	21	10	−	905.88070	99.3	9	904.40128	II
31	10	21	+	30	9	22	+	989.56617	87.4	2	399.91049	II
31	14	17	−	30	13	18	−	1000.69974	93.7	0	524.69825	II
31	14	17	+	30	15	16	+	921.85592	99.3	-1	603.14893	II
31	5	26	−	32	4	29	−	938.29409	98.2	-5	346.92394	II
31	13	18	−	31	14	17	−	905.59028	94.5	-1	581.73962	II
31	8	23	+	32	7	26	+	945.12074	97.0	0	393.45940	II
31	4	27	+	31	3	28	+	951.26278	77.1	1	323.95572	II
31	12	19	+	30	13	18	+	927.35083	97.1	0	524.34239	II
31	9	22	+	30	10	21	+	935.78676	97.1	0	426.80896	II
31	19	12	−	31	18	13	−	995.07983	99.3	3	761.11800	II
31	5	26	+	30	6	25	+	948.47050	93.6	0	336.56829	II
31	21	10	+	30	20	11	+	1019.17556	98.4	6	847.04239	II
31	4	27	+	32	3	30	+	941.78697	97.2	4	333.43184	II
31	16	15	+	30	17	14	+	916.45540	90.5	9	692.76626	II
31	10	21	+	30	11	20	+	932.94545	78.0	6	456.53162	II
31	12	19	+	32	13	20	+	888.80432	93.4	1	562.88898	II
31	8	23	−	30	9	22	−	938.65052	95.8	-1	400.14232	II
31	11	20	−	32	12	21	−	891.55792	93.4	1	527.91698	II
31	6	25	−	30	5	26	−	978.17042	89.3	0	321.46684	II
31	17	14	+	32	16	17	+	970.18447	99.2	6	685.17520	II
31	8	23	+	32	9	24	+	900.06439	78.9	5	438.51628	II
31	9	22	−	30	10	21	−	935.76419	93.3	6	427.06720	II
31	15	16	−	32	16	17	−	880.55465	95.8	1	685.64018	II
31	12	19	−	30	11	20	−	995.19469	90.5	-2	456.81941	II
31	10	21	+	31	11	20	+	913.97169	90.3	0	475.50483	II
31	19	12	−	32	20	13	−	869.89553	98.1	-1	886.30189	II
31	19	12	+	30	18	13	+	1014.00663	97.3	0	741.56969	II
31	9	22	−	32	8	25	−	948.09655	93.3	-8	414.73343	II
31	11	20	+	32	12	21	+	891.58389	93.3	-1	527.60143	II
31	15	16	+	32	16	17	+	880.58640	94.9	1	685.17520	II
31	15	16	−	31	14	17	−	984.45521	97.3	1	581.73962	II
31	16	15	+	31	15	16	+	987.10208	97.4	-1	622.11862	II
31	12	19	+	31	13	18	+	908.38361	93.1	0	543.30961	II
31	17	14	+	31	16	15	+	989.76796	98.2	-1	665.59101	II
31	4	27	+	31	5	26	+	933.85843	79.7	0	341.36001	II
31	6	25	+	30	7	24	+	944.71985	93.1	1	354.73645	II
31	18	13	−	31	17	14	−	992.46163	99.2	1	712.26109	II
31	20	11	−	32	21	12	−	867.29187	98.2	-1	942.98914	II
31	11	20	−	30	12	19	−	930.10367	97.4	2	489.37129	II
31	11	20	+	30	12	19	+	930.13457	97.4	1	489.05094	II
31	5	26	+	31	4	27	+	953.48204	45.9	6	331.55740	II
31	16	15	+	30	15	16	+	1006.07187	94.9	0	603.14893	II
31	5	26	+	32	4	29	+	938.25752	97.5	-3	346.78098	II
31	15	16	+	31	16	15	+	900.17042	96.5	-1	665.59101	II
31	4	27	−	31	5	26	−	933.86780	80.8	-1	341.53707	II
31	16	15	−	30	15	16	−	1006.11266	95.3	1	603.58446	II
31	14	17	+	30	13	18	+	1000.66263	92.8	1	524.34239	II
31	16	15	−	31	17	14	−	897.43603	94.9	1	712.26109	II
31	8	23	−	30	7	24	−	983.86721	88.9	-1	354.92565	II
31	2	29	+	31	3	28	+	933.52598	87.9	-5	323.95572	II
31	12	19	−	31	13	18	−	908.35249	92.7	-1	543.66171	II
31	9	22	+	31	8	23	+	967.70900	87.9	1	394.88680	II
31	13	18	+	32	12	21	+	959.37347	81.1	6	527.60143	II
31	18	13	+	31	17	14	+	992.40769	89.7	-9	711.74375	II
31	18	13	+	32	19	14	+	872.55991	97.5	1	831.59251	II
31	5	26	−	30	6	25	−	948.47672	92.7	-1	336.74168	II
31	17	14	+	32	18	15	+	875.21260	97.5	-1	780.14635	II
31	9	22	−	31	8	23	−	967.73386	89.4	0	395.09693	II
31	17	14	−	30	16	15	−	1008.78329	95.5	-1	647.09756	II
31	9	22	+	32	8	25	+	948.07412	97.6	1	414.52169	II
31	3	28	−	32	4	29	−	920.87408	81.8	-10	346.92394	II
31	8	23	+	31	9	22	+	919.67498	87.2	-1	418.90511	II
31	2	29	−	31	1	30	−	957.51992	92.5	5	300.07790	II
31	12	19	+	32	11	22	+	956.60166	99.0	1	495.09166	II
31	9	22	−	32	10	23	−	897.18705	92.5	1	465.64384	II
31	4	27	+	30	5	26	+	953.90984	82.2	-10	321.30761	II
31	11	20	+	31	12	19	+	911.16575	92.4	2	508.01980	II
31	13	18	+	30	12	19	+	997.92351	92.4	1	489.05094	II
31	10	21	+	32	11	22	+	894.38490	92.4	1	495.09166	II
31	5	26	−	31	4	27	−	953.47660	62.3	-11	331.74083	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
31	8	23	+	30	7	24	+	983.84363	88.8	-1	354.73645	II
31	10	21	−	31	9	22	−	970.59954	88.0	-3	419.13741	II
31	9	22	+	32	10	23	+	897.20942	92.3	0	465.38629	II
31	10	21	−	30	11	20	−	932.91810	96.1	3	456.81941	II
31	16	15	−	31	15	16	−	987.14925	97.7	1	622.54785	II
31	6	25	−	32	7	26	−	905.98396	92.2	1	393.65340	II
31	2	29	−	31	3	28	−	933.47859	82.7	-7	324.11807	II
31	11	20	+	30	10	21	+	992.37686	87.7	4	426.80896	II
31	21	10	+	32	22	11	+	864.75316	99.0	3	1001.46452	II
31	19	12	−	31	20	11	−	889.49027	99.0	6	866.70785	II
31	0	31	+	30	1	30	+	961.30400	35.0	-1	266.56577	II
31	17	14	−	31	18	13	−	894.76298	97.8	0	761.11800	II
31	5	26	+	32	6	27	+	909.65065	87.2	0	375.38815	II
31	0	31	−	30	1	30	−	961.30400	35.0	0	266.58441	II
31	13	18	−	32	12	21	−	959.41330	88.7	3	527.91698	II
31	2	29	+	30	3	28	+	961.79255	44.0	0	295.68969	II
31	6	25	+	30	5	26	+	978.14859	83.3	0	321.30761	II
31	6	25	+	31	5	26	+	958.09623	83.5	1	341.36001	II
31	21	10	−	32	22	11	−	864.71635	98.9	3	1002.23243	II
31	8	23	−	32	9	24	−	900.04357	91.8	-1	438.74931	II
31	5	26	−	32	6	27	−	909.65065	87.2	-1	375.56783	II
31	6	25	+	31	7	24	+	925.66316	83.7	1	373.79308	II
31	11	20	−	31	10	21	−	973.42694	91.8	1	446.04795	II
31	18	13	+	31	19	12	+	892.15986	98.9	1	811.99257	II
31	20	11	+	30	19	12	+	1016.60258	97.9	-1	793.00353	II
31	8	23	+	30	9	22	+	938.66963	91.7	-1	399.91049	II
31	13	18	+	32	14	19	+	886.04463	94.7	0	600.92968	II
31	10	21	+	31	9	22	+	970.57153	89.6	1	418.90511	II
31	10	21	−	30	9	22	−	989.59489	89.6	0	400.14232	II
31	14	17	−	31	13	18	−	981.73631	96.1	1	543.66171	II
31	17	14	+	31	18	13	+	894.80650	97.9	0	760.55256	II
31	18	13	−	31	19	12	−	892.11384	98.2	0	812.60875	II
31	15	16	−	30	14	17	−	1003.41775	94.7	0	562.77697	II
31	19	12	−	30	18	13	−	1014.05174	97.9	0	742.14574	II
31	8	23	−	31	7	24	−	964.80808	86.5	-2	373.98474	II
31	18	13	+	30	19	12	+	911.14950	99.7	7	793.00353	II
31	18	13	−	32	19	14	−	872.52498	97.9	-2	832.19745	II
31	9	22	−	31	10	21	−	916.78291	87.5	0	446.04795	II
31	19	12	+	31	20	11	+	889.53765	98.5	-3	866.03831	II
31	2	29	+	32	3	30	+	924.05038	84.2	0	333.43184	II
31	20	11	−	31	19	12	−	997.67260	97.9	3	812.60875	II
31	12	19	+	30	11	20	+	995.16172	91.4	2	456.53162	II
31	11	20	+	31	10	21	+	973.39516	91.4	0	445.79020	II
31	13	18	+	31	12	19	+	978.95463	95.5	1	508.01980	II
31	13	18	−	30	12	19	−	997.95866	91.4	0	489.37129	II
31	3	28	−	30	4	27	−	959.41330	88.7	-1	308.38571	II
31	11	20	+	32	10	23	+	953.79879	98.6	-3	465.38629	II
31	11	20	−	31	12	19	−	911.13724	89.8	0	508.33754	II
31	13	18	+	30	14	17	+	924.59153	98.9	-1	562.38270	II
31	14	17	+	31	13	18	+	981.69534	96.5	0	543.30961	II
31	17	14	−	30	18	13	−	913.73510	99.6	-1	742.14574	II
31	9	22	+	31	10	21	+	916.80552	88.7	0	445.79020	II
31	21	10	−	31	20	11	−	1000.24150	98.7	9	866.70785	II
31	10	21	−	32	11	22	−	894.36049	91.2	0	495.37676	II
31	21	10	−	31	22	9	−	884.32271	98.9	2	982.62598	II
31	6	25	−	31	7	24	−	925.65254	84.4	1	373.98474	II
31	4	27	+	30	3	28	+	979.52866	98.0	-1	295.68969	II
31	13	18	−	30	14	17	−	924.55303	98.9	0	562.77697	II
31	4	27	+	32	5	28	+	915.06531	94.7	4	360.15357	II
31	14	17	−	32	15	18	−	883.27484	95.6	1	642.12324	II
31	3	28	−	31	2	29	−	953.93001	88.4	7	313.86972	II
31	17	14	−	31	16	15	−	989.81797	98.4	0	666.06294	II
31	6	25	−	31	5	26	−	958.10020	84.8	1	341.53707	II
31	6	25	+	32	7	26	+	905.99687	90.9	1	393.45940	II
31	21	10	+	32	20	13	+	980.57226	98.0	1	885.64515	II
31	11	20	−	30	10	21	−	992.40769	89.7	1	427.06720	II
31	9	22	−	30	8	23	−	986.75170	88.6	0	376.07915	II
31	0	31	+	31	1	30	+	927.85683	95.1	-1	300.01290	II
31	19	12	+	32	20	13	+	869.93118	98.3	0	885.64515	II
31	13	18	−	32	14	19	−	886.01557	95.0	1	601.31452	II
31	13	18	+	31	14	17	+	905.62391	94.4	-1	581.35034	II
31	6	25	−	30	7	24	−	944.71154	94.5	0	354.92565	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
31	18	13	+	30	17	14	+	1011.38611	96.7	0	692.76626	II
31	16	15	+	32	15	18	+	967.52190	96.7	8	641.69968	II
31	21	10	+	31	22	9	+	884.37589	99.4	5	981.84198	II
31	5	26	+	30	4	27	+	976.79147	73.4	-8	308.24656	II
31	18	13	−	30	17	14	−	1011.42977	96.3	-1	693.29271	II
31	0	31	+	32	1	32	+	925.75082	52.9	0	302.11902	II
31	16	15	+	32	17	16	+	877.88859	96.2	0	731.33224	II
31	5	26	−	31	6	25	−	929.27521	73.7	-4	355.94295	II
31	0	31	−	32	1	32	−	925.75082	52.9	-1	302.13747	II
31	20	11	−	31	21	10	−	886.89253	99.4	6	923.38917	II
31	8	23	+	31	7	24	+	964.78705	86.9	0	373.79308	II
31	14	17	+	32	15	18	+	883.30527	95.4	0	641.69968	II
31	16	15	−	30	17	14	−	916.40459	96.8	3	693.29271	II
31	20	11	−	30	19	12	−	1016.64919	98.0	0	793.63190	II
31	2	29	+	31	1	30	+	957.46976	90.8	5	300.01290	II
31	17	14	+	30	18	13	+	913.78889	99.4	-5	741.56969	II
31	4	27	−	31	3	28	−	951.28687	74.9	-1	324.11807	II
31	12	19	−	32	13	20	−	888.77652	94.1	1	563.23779	II
31	4	27	−	32	5	28	−	915.08580	94.1	-2	360.31904	II
31	16	15	+	31	17	14	+	897.47679	96.9	-3	711.74375	II
31	8	23	−	31	9	22	−	919.65559	86.7	0	419.13741	II
31	15	16	+	30	14	17	+	1003.37886	94.0	0	562.38270	II
31	2	29	−	32	3	30	−	924.05790	85.1	1	333.53952	II
31	2	29	−	30	3	28	−	961.80110	75.3	0	295.79625	II
31	6	25	−	32	5	28	−	939.31831	96.9	1	360.31904	II
32	14	19	+	31	13	18	+	1001.15003	93.0	1	543.30961	II
32	8	25	−	32	7	26	−	964.65295	88.5	-1	393.65340	II
32	3	30	−	32	4	29	−	930.23312	87.4	0	346.92394	II
32	8	25	−	32	9	24	−	919.55697	87.4	-2	438.74931	II
32	18	15	−	33	19	14	−	871.78177	98.4	0	852.39785	II
32	19	14	+	33	20	13	+	869.18587	98.7	2	905.86282	II
32	15	18	+	31	16	15	+	919.62618	98.7	-2	665.59101	II
32	9	24	+	32	10	23	+	916.69738	89.0	0	465.38629	II
32	17	16	−	32	16	17	−	989.69423	98.4	-4	685.64018	II
32	11	22	+	31	10	21	+	992.85853	89.0	1	445.79020	II
32	14	19	−	31	15	16	−	922.29959	98.4	-7	622.54785	II
32	4	29	+	31	3	28	+	966.41190	87.0	0	323.95572	II
32	8	25	−	31	7	24	−	984.32160	89.2	-1	373.98474	II
32	4	29	−	31	3	28	−	966.39480	89.3	0	324.11807	II
32	10	23	+	32	9	24	+	970.43287	89.3	-1	438.51628	II
32	8	25	+	31	7	24	+	984.29879	89.3	-1	373.79308	II
32	11	22	+	32	10	23	+	973.26281	89.5	4	465.38629	II
32	13	20	+	33	12	21	+	958.63366	98.7	1	547.79595	II
32	9	24	+	31	8	23	+	987.19695	89.6	0	394.88680	II
32	12	21	+	31	11	20	+	995.64624	89.8	1	475.50483	II
32	3	30	+	32	4	29	+	930.26661	86.4	-1	346.78098	II
32	9	24	−	31	8	23	−	987.22268	89.8	0	395.09693	II
32	13	20	+	31	14	17	+	925.07912	98.2	0	581.35034	II
32	8	25	+	32	7	26	+	964.63249	86.1	-1	393.45940	II
32	14	19	+	31	15	16	+	922.34105	98.1	1	622.11862	II
32	18	15	−	32	19	14	−	891.98239	98.1	2	832.19745	II
32	10	23	+	31	9	22	+	990.04424	90.2	1	418.90511	II
32	12	21	−	31	13	18	−	927.80734	95.5	-8	543.66171	II
32	16	17	−	31	15	16	−	1006.60067	95.6	0	622.54785	II
32	6	27	+	31	5	26	+	977.59910	90.3	2	341.36001	II
32	20	13	−	31	19	12	−	1017.13775	98.1	-1	812.60875	II
32	18	15	−	32	17	16	−	992.33777	85.6	-6	731.84127	II
32	10	23	−	32	9	24	−	970.46061	90.5	1	438.74931	II
32	10	23	+	33	9	24	+	950.20564	90.5	8	458.74445	II
32	10	23	+	32	11	22	+	913.85765	90.6	0	495.09166	II
32	16	17	+	32	15	18	+	986.97928	98.0	-3	641.69968	II
32	6	27	−	32	7	26	−	925.48792	85.3	1	393.65340	II
32	20	13	−	33	21	12	−	866.54511	98.8	-5	963.20103	II
32	1	32	−	31	0	31	−	961.74544	34.8	1	284.08291	II
32	3	30	−	33	2	31	−	924.22300	85.0	1	352.93415	II
32	5	28	−	32	4	29	−	956.97051	84.9	0	346.92394	II
32	11	22	+	32	12	21	+	911.04723	90.9	0	527.60143	II
32	1	32	+	31	0	31	+	961.74544	34.8	-1	284.06433	II
32	6	27	−	31	5	26	−	977.60422	91.0	1	341.53707	II
32	21	12	−	32	20	13	−	1000.11704	98.9	-1	886.30189	II
32	11	22	−	31	10	21	−	992.88906	91.0	1	446.04795	II
32	11	22	−	33	10	23	−	953.08205	98.9	2	485.85513	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
32	17	16	+	32	16	17	+	989.64615	98.9	1	685.17520	II
32	17	16	+	33	16	17	+	969.45098	91.2	3	705.37053	II
32	6	27	+	32	7	26	+	925.49965	84.3	1	393.45940	II
32	10	23	−	32	11	22	−	913.83310	91.4	0	495.37676	II
32	3	30	−	31	4	27	−	945.41527	98.9	-10	331.74083	II
32	3	30	+	33	2	31	+	924.22553	84.0	-1	352.82207	II
32	19	14	+	32	20	13	+	889.40336	98.9	0	885.64515	II
32	15	18	−	31	16	15	−	919.58108	97.9	-10	666.06294	II
32	18	15	+	32	17	16	+	992.28700	98.9	1	731.33224	II
32	3	30	−	32	2	31	−	958.43043	91.7	3	318.72695	II
32	11	22	+	31	12	19	+	930.62973	91.7	9	508.01980	II
32	17	16	−	32	18	15	−	894.63277	97.8	0	780.70204	II
32	20	13	+	31	19	12	+	1017.09188	97.8	-1	811.99257	II
32	5	28	−	31	4	27	−	972.15330	91.8	-3	331.74083	II
32	9	24	+	32	8	25	+	967.56162	83.7	-4	414.52169	II
32	4	29	−	32	5	28	−	930.19382	83.6	0	360.31904	II
32	19	14	−	31	18	13	−	1014.54036	97.8	-1	761.11800	II
32	16	17	+	33	15	18	+	966.78699	91.9	-1	661.89212	II
32	6	27	−	32	5	28	−	958.82240	83.0	2	360.31904	II
32	6	27	+	33	7	26	+	905.18820	92.1	0	413.77074	II
32	8	25	+	33	9	24	+	899.34846	82.9	9	458.74445	II
32	18	15	+	33	19	14	+	871.81589	97.8	0	851.80329	II
32	2	31	−	32	3	30	−	928.84123	92.1	1	333.53952	II
32	12	21	−	31	11	20	−	995.67888	92.2	1	475.79109	II
32	4	29	+	32	5	28	+	930.21402	82.5	0	360.15357	II
32	5	28	+	32	6	27	+	928.33821	82.4	0	375.38815	II
32	6	27	−	33	7	26	−	905.17355	92.5	1	413.96777	II
32	4	29	−	33	5	28	−	908.25900	96.0	-4	382.25346	II
32	21	12	−	31	20	11	−	1019.71198	99.0	8	866.70785	II
32	5	28	−	32	6	27	−	928.32664	81.9	1	375.56783	II
32	13	20	+	31	12	19	+	998.40975	92.6	1	508.01980	II
32	15	18	−	32	14	19	−	984.33036	97.6	-1	601.31452	II
32	5	28	+	33	6	27	+	907.79326	81.5	8	395.93394	II
32	11	22	−	32	12	21	−	911.02002	92.7	1	527.91698	II
32	10	23	+	31	11	20	+	933.44454	97.5	1	475.50483	II
32	3	30	+	32	2	31	+	958.38580	81.4	6	318.66247	II
32	17	16	−	33	18	15	−	874.43698	97.5	0	800.89775	II
32	19	14	+	31	18	13	+	1014.49586	97.5	-1	760.55256	II
32	14	19	−	33	15	18	−	882.53776	92.8	2	662.31058	II
32	16	17	−	32	17	16	−	897.30739	97.5	2	731.84127	II
32	5	28	+	31	4	27	+	972.16889	92.8	-1	331.55740	II
32	8	25	+	33	7	26	+	944.32092	97.5	-3	413.77074	II
32	9	24	+	33	10	23	+	896.48627	92.8	0	485.59749	II
32	18	15	−	31	19	12	−	911.57123	99.7	4	812.60875	II
32	3	30	+	31	4	27	+	945.49059	97.5	3	331.55740	II
32	16	17	+	31	17	14	+	916.93542	99.1	-1	711.74375	II
32	2	31	+	31	3	28	+	938.35983	97.5	2	323.95572	II
32	8	25	−	33	9	24	−	899.32787	92.9	-1	458.97846	II
32	13	20	−	31	12	19	−	998.44439	92.9	1	508.33754	II
32	10	23	+	33	11	22	+	893.65697	93.0	0	515.29231	II
32	21	12	+	32	22	11	+	884.23853	99.1	7	1001.46452	II
32	4	29	−	33	3	30	−	925.83849	93.0	0	364.67439	II
32	21	12	+	33	22	11	+	864.00486	99.1	5	1021.69800	II
32	6	27	+	32	5	28	+	958.80561	79.8	2	360.15357	II
32	5	28	+	32	4	29	+	956.94478	79.8	-6	346.78098	II
32	19	14	−	33	20	13	−	869.15054	97.4	-2	906.50772	II
32	16	17	−	33	15	18	−	966.83831	99.2	4	662.31058	II
32	10	23	−	31	9	22	−	990.07317	79.6	7	419.13741	II
32	20	13	+	32	21	12	+	886.80556	97.4	-9	942.27807	II
32	19	14	+	32	18	15	+	994.90213	99.2	0	780.14635	II
32	12	21	−	32	13	20	−	908.23212	93.3	1	563.23779	II
32	20	13	+	33	19	14	+	977.28130	99.2	1	851.80329	II
32	17	16	+	31	16	15	+	1009.23025	96.0	0	665.59101	II
32	11	22	+	33	10	23	+	953.05142	97.2	2	485.59749	II
32	15	18	+	32	14	19	+	984.28780	97.2	1	600.92968	II
32	13	20	+	32	14	19	+	905.49984	93.5	1	600.92968	II
32	9	24	−	33	10	23	−	896.46445	93.6	0	485.85513	II
32	12	21	+	32	11	22	+	976.05928	93.6	0	495.09166	II
32	15	18	−	32	16	17	−	900.00484	97.0	0	685.64018	II
32	10	23	−	33	11	22	−	893.63322	93.7	0	515.57658	II
32	12	21	+	32	13	20	+	908.26192	93.7	0	562.88898	II
32	2	31	+	31	1	30	+	962.30261	48.2	2	300.01290	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
32	5	28	+	33	4	29	+	930.94093	97.0	-3	372.78514	II
32	3	30	−	31	2	29	−	963.28743	76.4	1	313.86972	II
32	5	28	−	31	6	25	−	947.95144	93.8	0	355.94295	II
32	2	31	−	31	1	30	−	962.30261	48.2	-2	300.07790	II
32	18	15	+	31	17	14	+	1011.87540	97.0	0	711.74375	II
32	18	15	+	31	19	12	+	911.62727	99.3	7	811.99257	II
32	14	19	−	31	13	18	−	1001.18643	93.9	-1	543.66171	II
32	5	28	+	31	6	25	+	947.96202	93.9	1	355.76444	II
32	16	17	−	31	17	14	−	916.88777	76.0	4	712.26109	II
32	5	28	−	33	4	29	−	930.91542	97.0	-2	372.97877	II
32	17	16	+	33	18	15	+	874.47023	96.9	0	800.35102	II
32	11	22	−	33	12	21	−	890.82739	94.0	1	548.10969	II
32	16	17	+	33	17	16	+	877.14747	95.9	-1	751.53171	II
32	18	15	+	32	19	14	+	892.02674	96.9	1	831.59251	II
32	12	21	−	32	11	22	−	976.09312	94.1	0	495.37676	II
32	3	30	+	31	2	29	+	963.29112	74.1	0	313.75654	II
32	12	21	−	33	13	20	−	888.04343	94.2	1	583.42654	II
32	5	28	−	33	6	27	−	907.77377	94.2	1	396.12071	II
32	20	13	+	33	21	12	+	866.58110	96.8	-1	962.50333	II
32	16	17	+	32	17	16	+	897.34718	95.9	2	731.33224	II
32	11	22	+	33	12	21	+	890.85287	94.3	2	547.79595	II
32	9	24	−	31	10	21	−	936.27169	96.7	0	446.04795	II
32	18	15	−	31	17	14	−	1011.91852	96.7	0	712.26109	II
32	19	14	−	32	20	13	−	889.35691	94.4	3	886.30189	II
32	2	31	−	31	3	28	−	938.26219	99.7	-4	324.11807	II
32	15	18	−	31	14	17	−	1003.90534	94.5	0	581.73962	II
32	13	20	+	32	12	21	+	978.82799	94.5	0	527.60143	II
32	6	27	−	31	7	24	−	945.15649	94.5	0	373.98474	II
32	2	31	−	32	1	32	−	960.24342	94.6	2	302.13747	II
32	4	29	+	31	5	26	+	949.00750	96.6	-1	341.36001	II
32	8	25	−	33	7	26	−	944.33897	96.6	3	413.96777	II
32	17	16	+	32	18	15	+	894.67461	96.6	-3	780.14635	II
32	2	31	+	33	1	32	+	924.50361	67.3	2	337.81196	II
32	2	31	−	33	1	32	−	924.50361	67.3	-3	337.87675	II
32	1	32	−	32	2	31	−	927.10140	95.5	1	318.72695	II
32	15	18	+	31	14	17	+	1003.86707	94.7	0	581.35034	II
32	13	20	−	32	14	19	−	905.46725	94.8	-1	601.31452	II
32	12	21	+	33	13	20	+	888.07051	94.9	1	583.08057	II
32	15	18	−	33	14	19	−	964.14282	96.5	-5	621.50165	II
32	14	19	+	32	13	20	+	981.57069	96.5	1	562.88898	II
32	4	29	+	33	3	30	+	925.85692	58.3	3	364.51095	II
32	15	18	−	33	16	17	−	879.81586	96.4	1	705.82918	II
32	6	27	+	31	7	24	+	945.16595	94.9	1	373.79308	II
32	4	29	−	31	5	26	−	948.97589	96.4	1	341.53707	II
32	9	24	−	33	8	25	−	947.32960	94.9	10	434.99096	II
32	15	18	+	33	16	17	+	879.84699	96.4	1	705.37053	II
32	6	27	−	33	5	28	−	936.88773	96.4	0	382.25346	II
32	17	16	−	31	18	13	−	914.21620	96.4	-6	761.11800	II
32	1	32	+	33	0	33	+	925.08335	55.7	0	320.72647	II
32	1	32	−	33	0	33	−	925.08335	55.7	-1	320.74486	II
32	16	17	−	33	17	16	−	877.11549	96.3	1	752.03313	II
32	16	17	+	31	15	16	+	1006.56068	95.0	0	622.11862	II
32	13	20	−	33	14	19	−	885.28009	95.1	-1	621.50165	II
32	4	29	+	33	5	28	+	908.30404	96.2	-4	382.06315	II
32	10	23	−	31	11	20	−	933.41881	96.2	1	475.79109	II
32	14	19	−	32	13	20	−	981.61050	96.2	1	563.23779	II
32	8	25	−	31	9	22	−	939.16895	96.2	-1	419.13741	II
32	14	19	+	33	13	20	+	961.37960	96.2	6	583.08057	II
32	17	16	−	31	16	15	−	1009.27178	96.2	0	666.06294	II
32	1	32	+	32	2	31	+	927.14706	95.2	-3	318.66247	II
32	14	19	+	33	15	18	+	882.56752	95.8	1	661.89212	II
32	14	19	−	32	15	18	−	902.72494	95.6	0	642.12324	II
32	14	19	+	32	15	18	+	902.76000	95.8	1	641.69968	II
32	13	20	+	33	14	19	+	885.30879	95.2	1	621.12075	II
32	8	25	+	31	9	22	+	939.18684	95.9	0	418.90511	II
32	13	20	−	32	12	21	−	978.86495	95.2	1	527.91698	II
32	2	31	+	32	1	32	+	960.19625	96.1	-1	302.11902	II
32	13	20	−	31	14	17	−	925.04186	98.5	-4	581.73962	II
32	4	29	+	32	3	30	+	956.93578	87.7	0	333.43184	II
32	9	24	−	32	8	25	−	967.58622	87.7	0	414.73343	II
32	8	25	+	32	9	24	+	919.57561	88.1	-1	438.51628	II
32	17	16	+	31	18	13	+	914.26862	88.1	-1	760.55256	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
32	10	23	−	33	9	24	−	950.23135	98.5	0	458.97846	II
32	2	31	+	32	3	30	+	928.88378	87.7	3	333.43184	II
32	9	24	−	32	10	23	−	916.67549	88.2	-3	465.64384	II
32	21	12	+	31	20	11	+	1019.66500	98.6	10	866.03831	II
32	4	29	−	32	3	30	−	956.97362	87.6	2	333.53952	II
32	16	17	−	32	15	18	−	987.02511	98.5	-1	642.12324	II
32	21	12	−	33	22	11	−	863.96861	98.5	5	1022.45096	II
33	12	21	−	33	11	22	−	975.95829	94.6	0	515.57658	II
33	0	33	−	32	1	32	−	962.17994	37.2	0	302.13747	II
33	0	33	+	32	1	32	+	962.17994	37.2	-1	302.11902	II
33	1	32	+	32	2	31	+	962.68355	49.3	10	318.66247	II
33	1	32	−	32	2	31	−	962.68355	49.3	-1	318.72695	II
33	0	33	+	34	1	34	+	924.41012	53.5	0	339.88892	II
33	0	33	−	34	1	34	−	924.41012	53.5	-1	339.90720	II
33	5	28	+	33	4	29	+	952.69883	63.7	-2	372.78514	II
33	5	28	−	33	4	29	−	952.69883	63.7	1	372.97877	II
33	1	32	+	34	2	33	+	923.79098	68.9	7	357.55467	II
33	1	32	−	34	2	33	−	923.79098	68.9	-5	357.61915	II
33	19	14	−	34	18	17	−	974.02127	73.6	-9	821.70500	II
33	13	20	+	34	12	23	+	957.88956	75.5	1	568.60347	II
33	3	30	+	34	4	31	+	920.29402	76.8	-3	387.65351	II
33	2	31	+	32	3	30	+	962.87963	76.9	0	333.43184	II
33	6	27	+	33	5	28	+	957.30969	77.1	-3	382.06315	II
33	6	27	−	33	5	28	−	957.30969	77.1	5	382.25346	II
33	2	31	−	32	3	30	−	962.88599	77.3	1	333.53952	II
33	14	19	+	34	13	22	+	960.63734	77.4	-3	603.88444	II
33	4	29	+	33	5	28	+	934.12928	77.5	-2	382.06315	II
33	4	29	+	33	3	30	+	951.68166	80.5	0	364.51095	II
33	3	30	+	33	4	29	+	935.16253	81.5	-2	372.78514	II
33	3	30	−	33	4	29	−	935.13530	81.9	-2	372.97877	II
33	6	27	+	33	7	26	+	925.60247	82.3	1	413.77074	II
33	2	31	+	34	3	32	+	922.89219	82.8	0	373.41927	II
33	6	27	−	33	7	26	−	925.59494	82.8	1	413.96777	II
33	4	29	−	33	3	30	−	951.71517	83.6	-1	364.67439	II
33	5	28	+	33	6	27	+	929.55032	84.3	0	395.93394	II
33	3	30	+	33	2	31	+	955.12570	84.7	-1	352.82207	II
33	5	28	−	33	6	27	−	929.55673	85.1	0	396.12071	II
33	2	31	−	34	3	32	−	922.89780	86.3	1	373.52773	II
33	18	15	+	33	17	16	+	992.16025	86.3	-9	751.53171	II
33	3	30	+	32	4	29	+	961.16670	87.3	-1	346.78098	II
33	17	16	−	33	16	17	−	989.56617	87.4	-10	705.82918	II
33	2	31	−	33	3	30	−	931.75053	88.0	-5	364.67439	II
33	8	25	−	33	7	26	−	964.46914	88.2	-1	413.96777	II
33	2	31	+	33	1	32	+	958.49840	88.3	-11	337.81196	II
33	3	30	−	32	4	29	−	961.19011	88.4	-2	346.92394	II
33	8	25	−	33	9	24	−	919.45845	88.5	-1	458.97846	II
33	6	27	+	32	5	28	+	979.22002	88.7	5	360.15357	II
33	8	25	+	33	9	24	+	919.47604	88.8	-1	458.74445	II
33	9	24	−	33	10	23	−	916.56662	88.8	0	485.85513	II
33	2	31	+	33	3	30	+	931.80027	88.9	-3	364.51095	II
33	9	24	+	33	10	23	+	916.58739	89.3	0	485.59749	II
33	10	23	+	32	9	24	+	990.51697	89.4	0	438.51628	II
33	6	27	−	32	5	28	−	979.24384	89.5	3	360.31904	II
33	9	24	+	33	8	25	+	967.40740	89.5	-1	434.77736	II
33	9	24	+	32	8	25	+	987.66317	89.5	0	414.52169	II
33	18	15	−	32	19	14	−	912.04717	90.1	3	832.19745	II
33	8	25	+	32	7	26	+	984.76113	90.1	0	393.45940	II
33	8	25	−	32	7	26	−	984.78343	90.2	-2	393.65340	II
33	9	24	−	32	8	25	−	987.68831	90.6	0	414.73343	II
33	9	24	−	33	8	25	−	967.43077	90.6	0	434.99096	II
33	10	23	−	32	9	24	−	990.54469	90.8	0	438.74931	II
33	10	23	−	33	11	22	−	913.71745	91.0	1	515.57658	II
33	10	23	+	33	11	22	+	913.74089	91.1	-1	515.29231	II
33	12	21	−	32	11	22	−	996.15797	91.2	-1	495.37676	II
33	11	22	+	32	10	23	+	993.33570	91.3	1	465.38629	II
33	3	30	−	33	2	31	−	955.18052	91.5	4	352.93415	II
33	10	23	+	33	9	24	+	970.28891	91.6	1	458.74445	II
33	11	22	−	32	10	23	−	993.36563	91.8	1	465.64384	II
33	13	20	−	33	14	19	−	905.34006	91.9	-8	621.50165	II
33	10	23	−	33	9	24	−	970.31558	92.0	1	458.97846	II
33	1	32	+	33	2	31	+	928.52284	92.4	-1	352.82207	II
33	1	32	−	33	2	31	−	928.47646	92.4	0	352.93415	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
33	12	21	+	32	11	22	+	996.12619	92.4	2	495.09166	II
33	11	22	−	33	10	23	−	973.15432	92.4	1	485.85513	II
33	11	22	−	33	12	21	−	910.89961	92.5	-1	548.10969	II
33	16	17	−	33	17	16	−	897.17484	92.5	1	752.03313	II
33	11	22	+	33	12	21	+	910.92603	92.6	1	547.79595	II
33	13	20	−	32	12	21	−	998.92550	92.6	0	527.91698	II
33	3	30	−	34	4	31	−	920.31482	92.8	2	387.79964	II
33	6	27	+	34	7	28	+	904.69722	92.8	0	434.67592	II
33	4	29	+	34	3	32	+	942.77331	92.9	0	373.41927	II
33	6	27	−	32	7	26	−	945.90947	92.9	3	393.65340	II
33	8	25	+	34	9	26	+	898.63060	92.9	-1	479.58992	II
33	12	21	+	33	13	20	+	908.13718	92.9	0	583.08057	II
33	18	15	+	32	19	14	+	912.09985	93.0	-5	831.59251	II
33	2	31	−	33	1	32	−	958.54908	93.1	4	337.87675	II
33	14	19	+	32	13	20	+	1001.63307	93.4	0	562.88898	II
33	12	21	+	33	11	22	+	975.92540	93.4	0	515.29231	II
33	8	25	−	34	9	26	−	898.61176	93.4	-1	479.82514	II
33	11	22	+	33	10	23	+	973.12445	93.4	1	485.59749	II
33	11	22	−	34	12	23	−	890.09363	93.4	0	568.91576	II
33	1	32	+	33	0	33	+	960.61855	93.5	0	320.72647	II
33	13	20	+	32	12	21	+	998.89153	93.5	1	527.60143	II
33	6	27	−	34	7	28	−	904.68724	93.6	1	434.87547	II
33	9	24	+	34	10	25	+	895.76072	93.8	-1	506.42406	II
33	14	19	−	32	13	20	−	1001.66895	93.8	0	563.23779	II
33	10	23	+	34	11	24	+	892.92628	93.9	0	536.10696	II
33	12	21	+	34	11	24	+	955.11097	94.0	2	536.10696	II
33	9	24	−	34	10	25	−	895.73967	94.2	0	506.68207	II
33	14	19	−	33	15	18	−	902.59668	94.3	5	662.31058	II
33	4	29	+	32	5	28	+	956.03847	94.3	-6	360.15357	II
33	13	20	+	33	14	19	+	905.37227	94.4	1	621.12075	II
33	10	23	−	34	11	24	−	892.90333	94.5	1	536.39071	II
33	12	21	−	33	13	20	−	908.10834	93.5	0	583.42654	II
33	11	22	+	34	12	23	+	890.11842	94.7	0	568.60347	II
33	12	21	+	34	13	22	+	887.33318	94.7	-1	603.88444	II
33	15	18	+	32	14	19	+	1004.35112	94.8	1	600.92968	II
33	5	28	+	34	6	29	+	908.77937	94.9	7	416.70551	II
33	5	28	−	34	6	29	−	908.78298	94.9	0	416.89454	II
33	15	18	−	32	14	19	−	1004.38870	95.1	0	601.31452	II
33	12	21	−	34	13	22	−	887.30703	95.2	2	604.22797	II
33	13	20	+	33	12	21	+	978.69704	95.5	1	547.79595	II
33	14	19	−	34	13	22	−	960.67914	95.5	4	604.22797	II
33	14	19	+	33	15	18	+	902.62977	95.6	-2	661.89212	II
33	16	17	+	32	15	18	+	1007.04520	95.7	0	641.69968	II
33	14	19	−	34	15	20	−	881.79691	95.7	0	683.10982	II
33	5	28	+	32	4	29	+	978.70291	95.8	-3	346.78098	II
33	1	32	−	32	4	29	−	934.48619	95.8	-5	346.92394	II
33	17	16	−	32	18	15	−	914.69471	95.8	4	780.70204	II
33	14	19	+	34	15	20	+	881.82609	95.8	0	682.69594	II
33	13	20	−	33	12	21	−	978.73288	95.8	1	548.10969	II
33	4	29	+	34	5	30	+	914.74127	95.9	3	401.45165	II
33	13	20	−	34	14	21	−	884.54169	95.9	2	642.30100	II
33	13	20	+	34	14	21	+	884.56944	96.1	1	641.92358	II
33	8	25	−	32	9	24	−	939.68757	96.2	-1	438.74931	II
33	6	27	−	34	5	30	−	937.93972	96.3	2	401.62311	II
33	16	17	−	32	15	18	−	1007.08453	96.3	-1	642.12324	II
33	15	18	−	33	16	17	−	899.87391	96.5	-2	705.82918	II
33	17	16	+	32	16	17	+	1009.71524	96.5	0	685.17520	II
33	14	19	−	33	13	20	−	981.48033	96.5	1	583.42654	II
33	4	29	−	34	5	30	−	914.76658	96.5	1	401.62311	II
33	11	22	−	32	12	21	−	931.09226	96.6	-1	527.91698	II
33	17	16	−	32	16	17	−	1009.75610	96.7	-1	685.64018	II
33	15	18	+	33	16	17	+	899.91003	96.7	-2	705.37053	II
33	8	25	+	32	9	24	+	939.70417	96.7	-1	438.51628	II
33	15	18	+	34	16	19	+	879.10372	96.8	-1	726.17697	II
33	14	19	+	33	13	20	+	981.44143	96.8	-1	583.08057	II
33	5	28	−	32	4	29	−	978.75390	96.8	4	346.92394	II
33	9	24	+	32	10	23	+	936.79851	96.9	0	465.38629	II
33	18	15	−	32	17	16	−	1012.40311	97.0	0	731.84127	II
33	16	17	+	34	17	18	+	876.40271	97.1	-1	772.34212	II
33	18	15	+	32	17	16	+	1012.36068	97.1	1	731.33224	II
33	16	17	−	34	17	18	−	876.37116	97.2	-1	772.83657	II
33	10	23	+	32	11	22	+	933.94166	97.2	1	495.09166	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
33	9	24	−	32	10	23	−	936.77771	97.2	-2	465.64384	II
33	15	18	−	34	16	19	−	879.07355	97.2	2	726.62988	II
33	17	16	+	33	16	17	+	989.52005	97.3	2	705.37053	II
33	15	18	−	33	14	19	−	984.20169	97.3	1	621.50165	II
33	15	18	+	33	14	19	+	984.16016	97.3	2	621.12075	II
33	6	27	+	34	5	30	+	937.92179	97.4	3	401.45165	II
33	16	17	+	33	17	16	+	897.21323	97.4	0	751.53171	II
33	17	16	+	34	18	17	+	873.72387	97.4	0	821.16651	II
33	19	14	−	32	18	15	−	1015.02517	97.4	0	780.70204	II
33	8	25	−	34	7	28	−	943.56121	97.6	-3	434.87547	II
33	8	25	+	34	7	28	+	943.54453	97.7	-1	434.67592	II
33	15	18	−	32	16	17	−	920.06375	97.8	7	685.64018	II
33	18	15	−	34	19	16	−	871.03484	97.8	3	873.20982	II
33	17	16	+	33	18	15	+	894.53922	97.8	-2	800.35102	II
33	19	14	+	32	18	15	+	1014.98130	97.8	1	780.14635	II
33	5	28	−	34	4	31	−	937.87817	97.8	3	387.79964	II
33	17	16	−	33	18	15	−	894.49867	97.9	1	800.89775	II
33	17	16	−	34	18	17	−	873.69129	98.0	0	821.70500	II
33	10	23	+	34	9	26	+	949.44310	98.1	-2	479.58992	II
33	18	15	+	34	19	16	+	871.06790	98.1	-1	872.62483	II
33	14	19	+	32	15	18	+	922.82222	98.2	-2	641.69968	II
33	11	22	+	32	12	21	+	931.12069	98.2	2	527.60143	II
33	18	15	+	33	19	14	+	891.88967	98.3	1	851.80329	II
33	19	14	−	33	18	15	−	994.82905	98.3	-4	800.89775	II
33	20	13	−	32	19	14	−	1017.62225	98.3	-2	832.19745	II
33	16	17	−	33	15	18	−	986.89713	98.4	-1	662.31058	II
33	21	12	+	34	22	13	+	863.25250	98.5	6	1042.54233	II
33	19	14	+	34	20	15	+	868.43624	98.5	-1	926.69124	II
33	4	29	−	32	3	30	−	982.84921	98.6	-9	333.53952	II
33	20	13	+	34	21	14	+	865.83025	98.6	0	983.33938	II
33	20	13	+	32	19	14	+	1017.57732	98.6	2	831.59251	II
33	12	21	−	32	13	20	−	928.29753	98.6	5	563.23779	II
33	13	20	−	32	14	19	−	925.52792	98.6	0	601.31452	II
33	18	15	−	33	19	14	−	891.84634	98.7	-2	852.39785	II
33	19	14	−	34	20	15	−	868.40199	98.7	0	927.32518	II
33	16	17	+	33	15	18	+	986.85282	98.7	0	661.89212	II
33	5	28	+	34	4	31	+	937.83030	98.7	-4	387.65351	II
33	20	13	+	33	21	12	+	886.66670	98.8	4	962.50333	II
33	20	13	−	34	21	14	−	865.79471	98.8	-5	984.02467	II
33	21	12	−	32	20	13	−	1020.19662	98.8	10	886.30189	II
33	19	14	−	33	20	13	−	889.21873	98.9	-7	906.50772	II
33	3	30	−	34	2	33	−	950.49484	99.1	-3	357.61915	II
33	16	17	−	32	17	16	−	917.36680	99.1	2	731.84127	II
33	11	22	+	34	10	25	+	952.29831	99.1	5	506.42406	II
33	19	14	+	33	20	13	+	889.26521	99.2	5	905.86282	II
33	20	13	−	34	19	16	−	976.61023	99.2	2	873.20982	II
33	18	15	−	33	17	16	−	992.21135	99.3	1	752.03313	II
33	14	19	−	32	15	18	−	922.78357	99.3	1	642.12324	II
33	21	12	−	33	22	11	−	884.04743	99.3	9	1022.45096	II
33	11	22	−	34	10	25	−	952.32750	99.3	2	506.68207	II
33	19	14	+	33	18	15	+	994.77644	99.3	-1	800.35102	II
33	20	13	−	33	19	14	−	997.42147	99.5	-6	852.39785	II
33	4	29	+	32	3	30	+	982.76022	99.5	-5	333.43184	II
33	13	20	−	34	12	23	−	957.92716	99.6	5	568.91576	II
33	20	13	+	33	19	14	+	997.36664	99.7	3	851.80329	II
34	11	24	+	35	10	25	+	951.53857	95.8	-3	527.86631	II
34	9	26	−	34	8	27	−	967.27026	90.8	0	455.86731	II
34	9	26	+	34	8	27	+	967.24770	90.8	0	455.65169	II
34	17	18	−	35	18	17	−	872.94186	98.0	0	843.12368	II
34	12	23	+	33	13	20	+	928.81315	98.0	1	583.08057	II
34	8	27	+	34	7	28	+	964.28798	89.5	-1	434.67592	II
34	1	34	−	34	2	33	−	925.73902	90.5	3	357.61915	II
34	8	27	+	35	7	28	+	942.70978	98.1	-1	456.25412	II
34	9	26	−	34	10	25	−	916.45540	90.5	-1	506.68207	II
34	9	26	−	35	8	27	−	945.76987	98.2	-1	477.36762	II
34	3	32	−	34	4	31	−	929.10008	89.8	0	387.79964	II
34	10	25	−	34	9	26	−	970.16484	90.3	1	479.82514	II
34	8	27	−	33	7	26	−	985.21455	90.3	-2	413.96777	II
34	11	24	+	33	12	21	+	931.60942	98.1	2	547.79595	II
34	17	18	+	34	18	17	+	894.39967	98.1	-4	821.16651	II
34	13	22	−	34	12	23	−	978.59624	95.7	1	568.91576	II
34	20	15	−	33	21	12	−	907.30029	95.7	6	963.20103	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
34	2	33	+	34	1	34	+	961.07639	96.1	2	339.88892	II
34	5	30	−	34	4	31	−	957.14273	64.8	-6	387.79964	II
34	19	16	−	34	18	17	−	994.69909	99.6	7	821.70500	II
34	14	21	−	33	13	20	−	1002.14712	95.2	0	583.42654	II
34	17	18	+	34	16	19	+	989.39005	95.1	4	726.17697	II
34	12	23	−	34	11	24	−	975.81871	95.1	1	536.39071	II
34	2	33	+	35	1	34	+	923.14334	67.6	-5	377.82121	II
34	12	23	+	35	13	22	+	886.59297	95.1	1	625.30066	II
34	15	20	−	33	14	19	−	1004.86782	95.1	0	621.50165	II
34	10	25	−	35	11	24	−	892.17057	95.1	0	557.81930	II
34	12	23	+	35	11	24	+	954.35751	99.5	-3	557.53579	II
34	16	19	+	33	15	18	+	1007.52560	96.3	0	661.89212	II
34	6	29	−	35	5	30	−	934.53625	71.7	-5	425.67331	II
34	14	21	−	34	15	20	−	902.46392	95.9	1	683.10982	II
34	14	21	+	34	15	20	+	902.49654	96.3	1	682.69594	II
34	16	19	+	33	17	16	+	917.88573	99.4	-3	751.53171	II
34	3	32	+	34	2	33	+	959.23503	73.0	2	357.55467	II
34	18	17	+	34	17	18	+	992.03118	99.4	-1	772.34212	II
34	2	33	+	34	3	32	+	927.54493	73.6	-9	373.41927	II
34	13	22	−	35	14	21	−	883.79938	96.4	0	663.71256	II
34	8	27	+	33	7	26	+	985.19347	74.5	2	413.77074	II
34	3	32	−	33	2	31	−	963.96574	75.3	2	352.93415	II
34	3	32	+	33	2	31	+	963.96739	75.8	-1	352.82207	II
34	16	19	−	33	15	18	−	1007.56423	95.9	-1	662.31058	II
34	1	34	−	33	0	33	−	962.61312	39.7	1	320.74486	II
34	20	15	+	34	19	16	+	997.23609	99.3	-6	872.62483	II
34	14	21	+	33	13	20	+	1002.11186	94.8	0	583.08057	II
34	8	27	+	33	9	24	+	940.21960	96.5	0	458.74445	II
34	19	16	+	34	18	17	+	994.64728	99.3	4	821.16651	II
34	19	16	+	35	18	17	+	973.22139	99.7	8	842.59275	II
34	3	32	−	35	4	31	−	900.17953	99.2	-7	416.71946	II
34	12	23	+	34	11	24	+	975.78678	94.6	2	536.10696	II
34	3	32	+	34	4	31	+	929.13613	78.7	1	387.65351	II
34	10	25	+	35	11	24	+	892.19301	94.6	0	557.53579	II
34	2	33	−	33	3	30	−	936.35558	99.2	-4	364.67439	II
34	14	21	+	34	13	22	+	981.30800	96.6	1	603.88444	II
34	13	22	−	34	14	21	−	905.21101	95.5	1	642.30100	II
34	20	15	+	35	21	14	+	865.07629	99.6	9	1004.78611	II
34	13	22	+	33	14	19	+	926.04452	79.1	5	621.12075	II
34	8	27	−	35	9	26	−	897.89251	94.4	-1	501.28995	II
34	6	29	−	35	7	28	−	903.75280	94.4	1	456.45740	II
34	5	30	−	35	4	31	−	928.22314	96.7	-4	416.71946	II
34	11	24	−	35	12	23	−	889.35691	94.4	0	590.33528	II
34	3	32	+	35	2	33	+	922.73355	79.4	-6	394.05543	II
34	3	32	−	35	2	33	−	922.73355	79.4	6	394.16672	II
34	12	23	+	34	13	22	+	908.00928	94.3	1	603.88444	II
34	20	15	+	35	21	14	+	865.07441	99.1	-10	1004.78611	II
34	15	20	−	34	16	19	−	899.73969	96.8	1	726.62988	II
34	5	30	+	33	6	27	+	948.83464	94.2	-2	395.93394	II
34	14	21	−	35	15	20	−	881.05281	96.8	1	704.52092	II
34	9	26	+	35	8	27	+	945.75038	94.2	7	477.14970	II
34	15	20	−	35	16	19	−	878.32731	96.8	0	748.04221	II
34	14	21	+	33	15	18	+	923.30078	81.3	5	661.89212	II
34	14	21	+	35	13	22	+	959.89143	99.1	-3	625.30066	II
34	17	18	+	33	16	17	+	1010.19615	96.8	1	705.37053	II
34	14	21	+	35	15	20	+	881.08128	96.8	0	704.11113	II
34	13	22	+	34	14	21	+	905.24117	94.1	0	641.92358	II
34	17	18	−	33	16	17	−	1010.23630	96.9	-1	705.82918	II
34	18	17	+	34	19	16	+	891.74884	99.1	3	872.62483	II
34	11	24	−	34	10	25	−	973.01019	94.1	1	506.68207	II
34	16	19	+	35	17	18	+	875.65439	96.9	0	793.76340	II
34	16	19	−	33	17	16	−	917.84199	96.9	2	752.03313	II
34	16	19	−	34	17	18	−	897.03842	96.9	0	772.83657	II
34	13	22	+	35	14	21	+	883.82674	96.0	2	663.33820	II
34	14	21	−	34	13	22	−	981.34583	97.0	2	604.22797	II
34	6	29	−	34	5	30	−	958.58715	82.2	2	401.62311	II
34	5	30	+	33	4	29	+	971.98357	93.9	-1	372.78514	II
34	17	18	+	35	16	19	+	967.97190	97.0	-2	747.59450	II
34	3	32	−	34	2	33	−	959.28082	93.9	3	357.61915	II
34	5	30	−	33	4	29	−	971.96391	93.9	-3	372.97877	II
34	12	23	−	34	13	22	−	907.98146	93.8	1	604.22797	II
34	20	15	−	35	21	14	−	865.04109	99.0	2	1005.45987	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
34	4	31	+	33	5	28	+	948.92622	95.6	-3	382.06315	II
34	5	30	+	35	4	31	+	928.25397	97.0	3	416.51508	II
34	8	27	−	35	7	28	−	942.72467	93.7	-4	456.45740	II
34	16	19	−	35	17	18	−	875.62351	97.1	1	794.25151	II
34	19	16	−	35	18	17	−	973.27982	99.0	1	843.12368	II
34	6	29	+	34	7	28	+	925.34499	83.3	0	434.67592	II
34	14	21	−	33	15	18	−	923.26353	93.6	5	662.31058	II
34	18	17	−	35	19	16	−	870.28328	97.1	-2	894.63322	II
34	18	17	−	33	19	14	−	912.51862	99.6	-2	852.39785	II
34	10	25	+	35	9	26	+	948.67570	98.9	2	501.05330	II
34	1	34	−	33	2	31	−	930.42343	93.5	-3	352.93415	II
34	4	31	+	34	5	30	+	929.53792	84.1	-1	401.45165	II
34	4	31	−	35	3	32	−	923.72774	84.2	1	407.41050	II
34	5	30	−	34	6	29	−	928.04846	84.4	0	416.89454	II
34	16	19	−	35	15	20	−	965.35347	97.2	-6	704.52092	II
34	9	26	−	35	10	25	−	895.01247	93.4	-2	528.12492	II
34	20	15	+	34	21	14	+	886.52136	98.9	-8	983.33938	II
34	8	27	−	34	9	26	−	919.35729	84.6	-1	479.82514	II
34	16	19	+	34	17	18	+	897.07568	97.2	0	772.34212	II
34	2	33	−	33	1	32	−	963.15340	53.0	-2	337.87675	II
34	13	22	+	33	12	21	+	999.36909	84.8	3	547.79595	II
34	2	33	+	33	1	32	+	963.15340	53.0	3	337.81196	II
34	12	23	−	35	13	22	−	886.56744	95.8	3	625.64213	II
34	12	23	−	35	11	24	−	954.38981	98.8	-2	557.81930	II
34	4	31	−	34	5	30	−	929.51504	85.2	0	401.62311	II
34	5	30	−	35	6	29	−	906.06525	93.3	-2	438.87750	II
34	13	22	−	33	12	21	−	999.40220	93.3	0	548.10969	II
34	8	27	−	33	9	24	−	940.20379	96.0	-3	458.97846	II
34	18	17	+	33	17	16	+	1012.84155	97.3	-1	751.53171	II
34	12	23	−	33	11	22	−	996.63285	93.2	1	515.57658	II
34	5	30	−	33	6	27	−	948.82233	95.4	1	396.12071	II
34	5	30	+	34	6	29	+	928.06377	85.5	5	416.70551	II
34	6	29	+	33	7	26	+	946.25042	95.4	2	413.77074	II
34	9	26	+	35	10	25	+	895.03329	93.2	2	527.86631	II
34	11	24	−	35	10	25	−	951.56746	98.8	2	528.12492	II
34	4	31	−	33	5	28	−	948.88500	93.1	3	382.25346	II
34	5	30	+	34	4	31	+	957.11531	85.8	0	387.65351	II
34	2	33	−	34	3	32	−	927.50262	93.1	0	373.52773	II
34	4	31	+	34	3	32	+	957.57054	85.8	2	373.41927	II
34	11	24	+	35	12	23	+	889.38118	95.4	1	590.02412	II
34	18	17	+	35	19	16	+	870.31618	97.4	-2	894.05706	II
34	19	16	−	35	20	15	−	867.64897	98.7	-3	948.75411	II
34	6	29	+	34	5	30	+	958.56956	86.4	3	401.45165	II
34	6	29	−	34	7	28	−	925.33470	86.6	1	434.87547	II
34	11	24	−	33	12	21	−	931.58281	98.7	3	548.10969	II
34	9	26	+	33	10	23	+	937.30187	96.0	0	485.59749	II
34	15	20	+	35	16	19	+	878.35698	97.5	-1	747.59450	II
34	10	25	−	35	9	26	−	948.69972	98.7	-2	501.28995	II
34	18	17	−	33	17	16	−	1012.88349	97.5	0	752.03313	II
34	12	23	+	33	11	22	+	996.60134	92.7	1	515.29231	II
34	20	15	+	33	21	12	+	907.35727	99.7	-9	962.50333	II
34	1	34	+	33	0	33	+	962.61312	39.7	-1	320.72647	II
34	12	23	−	33	13	20	−	928.78276	98.6	0	583.42654	II
34	1	34	−	35	0	35	−	923.73510	46.9	0	359.62279	II
34	11	24	+	34	12	23	+	910.80175	92.6	0	568.60347	II
34	1	34	+	35	0	35	+	923.73510	46.9	0	359.60455	II
34	15	20	+	34	16	19	+	899.77450	92.6	-1	726.17697	II
34	17	18	+	35	18	17	+	872.97362	97.6	-2	842.59275	II
34	6	29	+	35	5	30	+	934.55221	97.6	3	425.46901	II
34	19	16	+	35	20	15	+	867.68305	98.6	0	948.13034	II
34	4	31	+	35	5	30	+	905.52054	98.6	-1	425.46901	II
34	17	18	−	34	16	19	−	989.43600	98.6	3	726.62988	II
34	10	25	−	34	11	24	−	913.59925	87.6	1	536.39071	II
34	10	25	+	33	11	22	+	934.43680	97.6	4	515.29231	II
34	19	16	−	33	18	15	−	1015.50559	98.5	-1	800.89775	II
34	15	20	−	34	14	21	−	984.06845	97.7	0	642.30100	II
34	13	22	−	33	14	19	−	926.01029	97.7	0	621.50165	II
34	11	24	−	34	12	23	−	910.77646	92.4	0	568.91576	II
34	11	24	+	33	10	23	+	993.80778	92.4	1	485.59749	II
34	8	27	+	35	9	26	+	897.91089	92.4	2	501.05330	II
34	17	18	+	33	18	15	+	915.21575	99.7	2	800.35102	II
34	15	20	+	33	14	19	+	1004.83088	95.4	1	621.12075	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
34	11	24	−	33	10	23	−	993.83719	92.2	1	485.85513	II
34	15	20	+	34	14	21	+	984.02804	97.8	1	641.92358	II
34	19	16	−	34	20	15	−	889.07795	98.5	-3	927.32518	II
34	10	25	+	34	9	26	+	970.13901	92.1	2	479.58992	II
34	8	27	+	34	9	26	+	919.37394	88.6	-2	479.58992	II
34	4	31	−	33	3	30	−	966.46372	88.7	0	364.67439	II
34	13	22	+	34	12	23	+	978.56138	95.4	1	568.60347	II
34	19	16	+	33	18	15	+	1015.46231	97.8	0	800.35102	II
34	11	24	+	34	10	25	+	972.98136	91.7	2	506.42406	II
34	6	29	+	35	7	28	+	903.76669	89.0	-1	456.25412	II
34	18	17	−	34	19	16	−	891.70582	91.6	-10	873.20982	II
34	20	15	−	33	19	14	−	1018.10260	98.4	-3	852.39785	II
34	4	31	−	34	3	32	−	957.61080	89.2	4	373.52773	II
34	9	26	+	34	10	25	+	916.47529	89.3	0	506.42406	II
34	10	25	−	33	9	24	−	991.01148	91.6	1	458.97846	II
34	10	25	+	34	11	24	+	913.62187	91.5	1	536.10696	II
34	4	31	+	35	3	32	+	923.74189	91.4	-2	407.24759	II
34	9	26	−	33	8	25	−	988.14658	91.4	0	434.99096	II
34	20	15	+	33	19	14	+	1018.05816	98.0	-1	851.80329	II
34	17	18	−	34	18	17	−	894.36049	91.2	-1	821.70500	II
34	10	25	+	33	9	24	+	990.98436	91.2	1	458.74445	II
34	9	26	+	33	8	25	+	988.12204	91.0	0	434.77736	II
35	13	22	+	35	12	23	+	978.42094	96.3	0	590.02412	II
35	6	29	+	34	5	30	+	980.39938	89.7	3	401.45165	II
35	18	17	−	36	19	18	−	869.52844	98.2	-1	916.66789	II
35	11	24	+	36	12	25	+	888.64099	95.5	2	612.05801	II
35	10	25	−	35	11	24	−	913.47844	90.5	-1	557.81930	II
35	18	17	−	34	19	16	−	912.98671	98.2	1	873.20982	II
35	16	19	−	35	17	18	−	896.89806	98.1	-2	794.25151	II
35	11	24	−	36	12	25	−	888.61736	96.5	1	612.36834	II
35	12	23	+	36	11	26	+	953.59981	99.3	1	579.57900	II
35	8	27	−	35	7	28	−	964.09037	90.3	-2	456.45740	II
35	3	32	−	35	2	33	−	956.43051	89.9	3	394.16672	II
35	12	23	−	34	13	22	−	929.26578	98.1	4	604.22797	II
35	17	18	+	36	18	19	+	872.21987	98.1	-1	864.62969	II
35	10	25	+	34	9	26	+	991.44621	92.1	1	479.58992	II
35	9	26	+	35	10	25	+	916.36163	90.1	0	527.86631	II
35	5	30	−	36	6	31	−	908.10469	95.9	0	460.71856	II
35	16	19	−	34	17	18	−	918.31270	95.3	-5	772.83657	II
35	1	34	−	34	2	33	−	963.55066	60.9	-5	357.61915	II
35	4	31	−	36	5	32	−	914.50565	95.9	-1	445.35579	II
35	1	34	+	36	2	35	+	922.44238	77.2	4	398.66286	II
35	0	35	+	36	1	36	+	923.05545	57.9	0	379.87449	II
35	1	34	−	36	2	35	−	922.44238	77.2	-6	398.72734	II
35	13	22	−	35	14	21	−	905.07776	95.7	2	663.71256	II
35	1	34	+	34	2	33	+	963.55066	60.9	5	357.55467	II
35	17	18	+	34	18	17	+	915.68397	99.6	8	821.16651	II
35	14	21	+	34	15	20	+	923.77546	95.1	8	682.69594	II
35	15	20	−	35	14	21	−	983.93123	97.8	1	663.71256	II
35	9	26	−	34	8	27	−	988.60023	92.0	0	455.86731	II
35	0	35	+	34	1	34	+	963.04099	41.7	-1	339.88892	II
35	0	35	−	36	1	36	−	923.05545	57.9	0	379.89264	II
35	3	32	−	34	4	31	−	962.79719	88.4	-1	387.79964	II
35	13	22	−	36	14	23	−	883.05390	96.2	1	685.73633	II
35	20	15	+	35	21	14	+	886.37463	99.5	7	1004.78611	II
35	4	31	+	35	5	30	+	934.18754	68.8	3	425.46901	II
35	4	31	−	35	5	30	−	934.18754	68.8	-7	425.67331	II
35	1	34	+	35	0	35	+	961.50004	96.2	-2	359.60455	II
35	19	16	+	35	20	15	+	888.97522	99.2	-3	948.13034	II
35	20	15	−	36	21	16	−	864.28232	99.2	-3	1027.50646	II
35	16	19	+	34	15	20	+	1008.00179	96.6	0	682.69594	II
35	2	33	+	35	3	32	+	930.04608	91.9	-4	407.24759	II
35	4	31	+	34	5	30	+	958.20410	91.9	-5	401.45165	II
35	2	33	−	34	3	32	−	963.87957	78.8	1	373.52773	II
35	18	17	+	35	17	18	+	991.89718	99.2	-1	793.76340	II
35	12	23	+	35	13	22	+	907.87807	94.5	0	625.30066	II
35	5	30	+	34	6	29	+	951.91069	78.8	5	416.70551	II
35	6	29	−	36	7	30	−	903.45304	78.8	0	478.59701	II
35	2	33	+	34	3	32	+	963.87482	78.9	0	373.41927	II
35	6	29	+	34	7	28	+	947.17483	91.8	1	434.67592	II
35	14	21	−	36	15	22	−	880.30507	96.7	1	726.54383	II
35	19	16	−	34	18	17	−	1015.98203	98.4	-1	821.70500	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
35	13	22	+	35	14	21	+	905.10671	94.5	-1	663.33820	II
35	14	21	+	36	15	22	+	880.33296	96.7	1	726.13770	II
35	10	25	+	34	11	24	+	934.92920	96.7	1	536.10696	II
35	13	22	+	34	12	23	+	999.84159	94.3	0	568.60347	II
35	16	19	−	34	15	20	−	1008.03997	96.7	0	683.10982	II
35	8	27	+	36	9	28	+	897.19226	94.3	-1	523.13471	II
35	9	26	+	36	10	27	+	894.30346	94.3	1	549.92450	II
35	4	31	−	34	3	32	−	986.33377	99.7	-1	373.52773	II
35	2	33	−	35	1	34	−	959.52126	94.2	0	377.88587	II
35	19	16	−	35	18	17	−	994.56390	99.1	5	843.12368	II
35	2	33	+	35	1	34	+	959.47279	94.2	-1	377.82121	II
35	16	19	+	36	15	22	+	964.55946	99.1	-6	726.13770	II
35	12	23	+	36	13	24	+	885.84956	96.3	2	647.32930	II
35	12	23	+	35	11	24	+	975.64294	95.0	0	557.53579	II
35	12	23	−	35	13	22	−	907.85140	94.2	2	625.64213	II
35	6	29	−	35	7	28	−	925.59284	80.7	1	456.45740	II
35	15	20	+	34	16	19	+	921.05279	99.1	-1	726.17697	II
35	16	19	+	34	17	18	+	918.35558	99.4	-1	772.34212	II
35	19	16	−	35	20	15	−	888.93261	99.1	-4	948.75411	II
35	6	29	−	34	7	28	−	947.17483	91.8	2	434.87547	II
35	3	32	+	36	4	33	+	919.59567	89.0	8	430.83616	II
35	16	19	+	35	15	20	+	986.58642	97.9	-2	704.11113	II
35	5	30	+	35	4	31	+	952.10071	81.4	1	416.51508	II
35	8	27	+	34	9	26	+	940.73684	96.9	-4	479.58992	II
35	9	26	−	34	10	25	−	937.78552	81.8	0	506.68207	II
35	3	32	+	35	4	31	+	933.91550	72.9	-5	416.51508	II
35	10	25	+	36	9	28	+	947.90080	99.1	-5	523.13471	II
35	15	20	−	35	16	19	−	899.60157	96.9	1	748.04221	II
35	5	30	+	36	4	33	+	937.78012	96.9	6	430.83616	II
35	15	20	−	34	14	21	−	1005.34257	95.0	-1	642.30100	II
35	9	26	+	34	8	27	+	988.57623	91.7	0	455.65169	II
35	18	17	+	34	19	16	+	913.03550	99.7	-4	872.62483	II
35	10	25	−	36	11	26	−	891.43545	95.0	2	579.86253	II
35	17	18	−	35	16	19	−	989.30060	99.0	5	748.04221	II
35	5	30	−	34	6	29	−	951.92923	94.0	5	416.89454	II
35	20	15	−	35	19	16	−	997.15534	99.7	-6	894.63322	II
35	12	23	−	36	11	26	−	953.63068	99.0	-1	579.86253	II
35	17	18	+	35	16	19	+	989.25522	99.0	0	747.59450	II
35	3	32	+	35	2	33	+	956.37659	82.8	10	394.05543	II
35	13	22	−	34	12	23	−	999.87440	93.7	0	568.91576	II
35	6	29	−	35	5	30	−	956.37659	82.8	-2	425.67331	II
35	11	24	+	35	10	25	+	972.83252	93.7	0	527.86631	II
35	1	34	−	35	0	35	−	961.54773	97.1	2	359.62279	II
35	8	27	+	36	7	30	+	941.93526	93.6	-6	478.39127	II
35	6	29	−	34	5	30	−	980.42636	83.4	-6	401.62311	II
35	11	24	+	35	12	23	+	910.67453	83.5	-2	590.02412	II
35	3	32	+	36	2	35	+	951.76847	83.2	3	398.66286	II
35	16	19	+	35	17	18	+	896.93405	97.1	-3	793.76340	II
35	8	27	−	35	9	26	−	919.25786	89.1	-2	501.28995	II
35	19	16	+	36	20	17	+	866.92544	98.9	-4	970.18000	II
35	14	21	+	35	13	22	+	981.17002	97.1	1	625.30066	II
35	8	27	−	34	9	26	−	940.72269	97.1	-1	479.82514	II
35	9	26	−	36	8	29	−	944.98203	98.9	-1	499.48548	II
35	14	21	−	34	13	22	−	1002.62079	95.1	-1	604.22797	II
35	20	15	−	34	21	14	−	907.76386	84.2	-6	984.02467	II
35	12	23	−	35	11	24	−	975.67403	94.9	0	557.81930	II
35	10	25	−	34	11	24	−	934.90714	97.2	0	536.39071	II
35	5	30	−	35	4	31	−	952.10338	84.5	-4	416.71946	II
35	10	25	−	36	9	28	−	947.92531	89.2	5	523.37299	II
35	11	24	+	34	10	25	+	994.27485	93.4	1	506.42406	II
35	19	16	−	36	20	17	−	866.89256	98.8	-2	970.79437	II
35	4	31	+	36	5	32	+	914.47754	95.4	1	445.17876	II
35	0	35	+	35	1	34	+	925.10847	93.3	-3	377.82121	II
35	17	18	+	34	16	19	+	1010.67272	97.3	0	726.17697	II
35	17	18	−	34	18	17	−	915.63680	93.3	-5	821.70500	II
35	12	23	+	34	11	24	+	997.07186	93.3	1	536.10696	II
35	18	17	+	36	19	18	+	869.56123	98.8	4	916.09989	II
35	16	19	+	36	17	20	+	874.90237	97.3	1	815.79552	II
35	20	15	+	35	19	16	+	997.10268	93.2	-3	894.05706	II
35	8	27	−	34	7	28	−	985.67237	91.6	-1	434.87547	II
35	4	31	−	34	5	30	−	958.23815	95.6	-3	401.62311	II
35	16	19	−	36	17	20	−	874.87187	97.3	-1	816.27782	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
35	8	27	−	36	7	30	−	941.95090	98.8	-1	478.59701	II
35	17	18	−	35	18	17	−	894.21863	98.8	0	843.12368	II
35	0	35	−	34	1	34	−	963.04099	41.7	1	339.90720	II
35	1	34	−	35	2	33	−	927.00347	85.6	-1	394.16672	II
35	12	23	−	34	11	24	−	997.10268	93.2	1	536.39071	II
35	0	35	−	35	1	34	−	925.06223	96.4	0	377.88587	II
35	11	24	−	34	12	23	−	932.06992	98.8	1	568.91576	II
35	20	15	+	34	19	16	+	1018.53507	98.8	-1	872.62483	II
35	11	24	−	35	10	25	−	972.86070	93.1	0	528.12492	II
35	20	15	+	36	21	16	+	864.31562	99.3	-10	1026.84343	II
35	17	18	−	34	16	19	−	1010.71240	97.4	0	726.62988	II
35	14	21	+	34	13	22	+	1002.58621	94.9	1	603.88444	II
35	17	18	+	35	18	17	+	894.25685	98.4	-1	842.59275	II
35	11	24	+	34	12	23	+	932.09534	98.0	0	568.60347	II
35	10	25	+	35	9	26	+	969.98238	85.9	-3	501.05330	II
35	20	15	−	34	19	16	−	1018.57890	98.7	-4	873.20982	II
35	6	29	+	35	7	28	+	925.59661	86.0	0	456.25412	II
35	15	20	+	34	14	21	+	1005.30627	95.6	0	641.92358	II
35	4	31	−	35	3	32	−	952.45153	86.4	4	407.41050	II
35	11	24	−	34	10	25	−	994.30363	93.0	1	506.68207	II
35	18	17	+	35	19	16	+	891.60355	98.7	-1	894.05706	II
35	6	29	+	36	7	30	+	903.45964	94.8	2	478.39127	II
35	5	30	−	34	4	31	−	981.02390	97.5	3	387.79964	II
35	8	27	+	35	9	26	+	919.27368	89.4	-1	501.05330	II
35	12	23	+	34	13	22	+	929.29411	97.9	-1	603.88444	II
35	14	21	−	35	13	22	−	981.20657	97.5	-1	625.64213	II
35	5	30	−	35	6	29	−	929.94565	87.0	-1	438.87750	II
35	13	22	+	36	12	25	+	956.38611	87.1	-9	612.05801	II
35	11	24	−	35	12	23	−	910.65068	91.4	3	590.33528	II
35	9	26	+	34	10	25	+	937.80375	97.5	-1	506.42406	II
35	2	33	+	36	3	34	+	921.65421	87.2	-1	415.63974	II
35	18	17	−	35	19	16	−	891.56319	98.6	0	894.63322	II
35	14	21	+	35	15	20	+	902.35950	96.5	0	704.11113	II
35	3	32	−	35	4	31	−	933.87691	87.4	-6	416.71946	II
35	18	17	+	34	17	18	+	1013.31873	97.6	1	772.34212	II
35	16	19	−	35	15	20	−	986.62912	98.6	3	704.52092	II
35	15	20	+	35	14	21	+	983.89160	97.9	0	663.33820	II
35	8	27	+	34	7	28	+	985.65110	91.3	-1	434.67592	II
35	3	32	−	36	4	33	−	919.61203	92.6	-1	430.98483	II
35	15	20	−	36	16	21	−	877.57768	97.6	1	770.06609	II
35	17	18	−	36	18	19	−	872.18835	98.3	-3	865.15366	II
35	10	25	−	35	9	26	−	970.00794	92.6	1	501.28995	II
35	10	25	+	36	11	26	+	891.45713	94.8	1	579.57900	II
35	18	17	−	34	17	18	−	1013.35972	97.6	-1	772.83657	II
35	3	32	+	34	4	31	+	962.77732	87.5	-2	387.65351	II
35	9	26	−	35	8	27	−	967.09991	91.3	0	477.36762	II
35	15	20	+	35	16	19	+	899.63522	97.6	-1	747.59450	II
35	2	33	−	36	3	34	−	921.65858	87.5	2	415.74874	II
35	4	31	+	35	3	32	+	952.40876	87.5	1	407.24759	II
35	13	22	+	36	14	23	+	883.08068	96.5	3	685.36463	II
35	8	27	−	36	9	28	−	897.17484	92.5	-1	523.37299	II
35	12	23	−	36	13	24	−	885.82433	96.5	1	647.66905	II
35	19	16	+	34	18	17	+	1015.93935	98.5	0	821.16651	II
35	5	30	−	36	4	33	−	937.83926	98.5	8	430.98483	II
35	15	20	+	36	16	21	+	877.60679	97.7	1	769.62308	II
35	14	21	−	35	15	20	−	902.32785	96.5	0	704.52092	II
35	17	18	−	36	16	21	−	967.27584	99.3	-4	770.06609	II
35	13	22	+	34	14	21	+	926.52093	97.7	-5	641.92358	II
35	3	32	−	34	2	33	−	992.97783	97.7	0	357.61915	II
35	20	15	−	35	21	14	−	886.32969	92.3	4	1005.45987	II
35	10	25	−	34	9	26	−	991.47267	92.3	0	479.82514	II
35	20	15	+	34	21	14	+	907.82116	98.5	5	983.33938	II
35	9	26	+	36	8	29	+	944.96257	97.7	-1	499.26519	II
35	10	25	+	35	11	24	+	913.50034	92.3	1	557.53579	II
35	9	26	+	35	8	27	+	967.07821	91.1	0	477.14970	II
35	11	24	−	36	10	27	−	950.80265	98.0	10	550.18395	II
35	9	26	−	35	10	25	−	916.34260	76.9	-1	528.12492	II
35	8	27	+	35	7	28	+	964.07288	88.1	-1	456.25412	II
35	1	34	+	35	2	33	+	927.05043	89.5	10	394.05543	II
35	9	26	−	36	10	27	−	894.28369	94.7	1	550.18395	II
35	18	17	−	35	17	18	−	991.94501	96.1	1	794.25151	II
36	15	22	−	36	16	21	−	899.45950	97.3	-2	770.06609	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
36	17	20	−	35	16	19	−	1011.18444	97.5	1	748.04221	II
36	16	21	+	36	15	22	+	986.44705	98.6	-1	726.13770	II
36	19	18	+	37	20	17	+	866.16508	99.2	2	992.84014	II
36	15	22	+	36	16	21	+	899.49257	96.6	1	769.62308	II
36	6	31	−	35	5	30	−	978.08785	79.0	2	425.67331	II
36	14	23	+	36	15	22	+	902.21924	95.9	2	726.13770	II
36	6	31	+	35	5	30	+	978.09571	94.5	2	425.46901	II
36	9	28	−	35	10	25	−	938.28705	97.8	0	528.12492	II
36	9	28	−	36	8	29	−	966.92647	91.9	0	499.48548	II
36	1	36	+	35	0	35	+	963.46632	43.7	-1	359.60455	II
36	2	35	+	37	1	36	+	921.77506	72.5	0	420.04159	II
36	8	29	−	35	9	26	−	941.23698	96.7	-3	501.28995	II
36	13	24	−	36	12	25	−	978.30909	96.7	2	612.36834	II
36	3	34	+	36	4	33	+	927.91389	89.5	-4	430.83616	II
36	6	31	−	36	7	30	−	925.16404	88.0	1	478.59701	II
36	9	28	+	37	10	27	+	893.57151	94.4	-1	572.59895	II
36	5	32	+	37	6	31	+	904.18197	96.0	0	484.04396	II
36	10	27	−	37	11	26	−	890.69747	95.1	0	602.52057	II
36	11	26	−	36	10	27	−	972.70590	94.3	1	550.18395	II
36	13	24	+	35	12	23	+	1000.30975	92.6	0	590.02412	II
36	15	22	−	37	16	21	−	876.82423	97.7	-1	792.70144	II
36	6	31	+	37	7	30	+	902.30835	95.4	2	501.25643	II
36	3	34	−	36	2	35	−	960.13412	94.2	4	398.72734	II
36	10	27	−	36	11	26	−	913.35537	89.4	-1	579.86253	II
36	8	29	−	37	9	28	−	896.45181	95.5	-2	546.07522	II
36	13	24	−	35	12	23	−	1000.34209	95.0	1	590.33528	II
36	17	20	−	36	18	19	−	894.07268	98.5	-2	865.15366	II
36	12	25	−	35	11	24	−	997.56773	94.1	0	557.81930	II
36	1	36	−	35	2	33	−	928.92272	71.1	4	394.16672	II
36	14	23	+	37	13	24	+	958.38580	81.4	-5	669.97043	II
36	16	21	+	37	17	20	+	874.14652	97.6	1	838.43842	II
36	6	31	+	36	5	32	+	958.38580	81.4	0	445.17876	II
36	6	31	−	37	7	30	−	902.29423	95.5	2	501.46687	II
36	3	34	+	37	4	33	+	896.08899	99.1	-7	462.66077	II
36	8	29	−	36	9	28	−	919.15310	81.8	-11	523.37299	II
36	12	25	−	37	11	26	−	952.86714	81.8	7	602.52057	II
36	12	25	+	35	11	24	+	997.53744	94.0	1	557.53579	II
36	11	26	+	36	10	27	+	972.67851	94.0	1	549.92450	II
36	12	25	+	36	11	26	+	975.49426	95.5	1	579.57900	II
36	8	29	−	37	7	30	−	941.05943	94.0	-9	501.46687	II
36	13	24	+	37	14	23	+	882.33093	96.4	0	708.00290	II
36	15	22	−	35	16	19	−	921.48347	99.0	-1	748.04221	II
36	9	28	+	36	8	29	+	966.90535	91.7	0	499.26519	II
36	8	29	+	35	9	26	+	941.25030	96.0	-3	501.05330	II
36	17	20	−	36	16	21	−	989.16068	99.0	3	770.06609	II
36	2	35	−	36	3	34	−	926.13300	92.0	-1	415.74874	II
36	12	25	+	36	13	24	+	907.74395	95.4	1	647.32930	II
36	14	23	−	36	15	22	−	902.18779	82.6	-7	726.54383	II
36	17	20	+	36	16	21	+	989.11658	99.0	0	769.62308	II
36	20	17	−	35	19	16	−	1019.05122	98.6	-3	894.63322	II
36	5	32	+	35	4	31	+	971.71070	93.7	-1	416.51508	II
36	8	29	+	37	9	28	+	896.46870	93.7	-1	545.83512	II
36	16	21	−	35	15	20	−	1008.51114	94.9	-1	704.52092	II
36	10	27	−	35	11	24	−	935.39880	98.0	1	557.81930	II
36	9	28	+	36	10	27	+	916.24562	83.0	-4	549.92450	II
36	19	18	−	37	20	17	−	866.13176	99.0	-5	993.44578	II
36	20	17	−	37	21	16	−	863.51990	99.0	-6	1050.16428	II
36	11	26	−	37	12	25	−	887.87467	96.4	-1	635.01505	II
36	5	32	−	35	4	31	−	971.68585	91.7	-5	416.71946	II
36	6	31	−	37	5	32	−	931.97110	97.1	7	471.79051	II
36	12	25	−	36	11	26	−	975.52457	95.6	1	579.86253	II
36	14	23	−	36	13	24	−	981.06323	97.1	0	647.66905	II
36	14	23	−	37	15	22	−	879.55385	96.5	1	749.17852	II
36	9	28	−	35	8	27	−	989.04424	92.5	-1	477.36762	II
36	18	19	+	35	19	16	+	913.49764	98.5	-1	894.05706	II
36	15	22	+	37	16	21	+	876.85283	97.6	0	792.26267	II
36	2	35	+	36	3	34	+	926.17710	74.3	2	415.63974	II
36	17	20	+	35	16	19	+	1011.14511	97.1	0	747.59450	II
36	1	36	−	36	2	35	−	924.36246	97.2	8	398.72734	II
36	9	28	−	36	10	27	−	916.22795	91.6	0	550.18395	II
36	2	35	+	35	1	34	+	963.99578	55.3	4	377.82121	II
36	11	26	−	35	10	25	−	994.76498	93.5	1	528.12492	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
36	2	35	−	35	1	34	−	963.99578	55.3	-2	377.88587	II
36	3	34	−	36	4	33	−	927.87630	91.6	0	430.98483	II
36	4	33	−	37	3	34	−	921.77506	72.5	11	452.28518	II
36	18	19	−	35	17	18	−	1013.83224	98.0	2	794.25151	II
36	10	27	−	35	9	26	−	991.92812	93.4	1	501.28995	II
36	4	33	+	36	3	34	+	958.26810	91.6	-2	415.63974	II
36	18	19	−	36	17	20	−	991.80578	99.4	1	816.27782	II
36	9	28	+	35	8	27	+	989.02083	92.5	0	477.14970	II
36	2	35	−	36	1	36	−	961.98937	97.2	2	379.89264	II
36	11	26	+	35	10	25	+	994.73669	93.4	1	527.86631	II
36	13	24	−	37	14	23	−	882.30505	97.2	1	708.37229	II
36	14	23	+	35	13	22	+	1003.05613	95.0	1	625.30066	II
36	14	23	+	36	13	24	+	981.02742	97.3	0	647.32930	II
36	11	26	−	36	12	25	−	910.52145	93.3	0	612.36834	II
36	1	36	−	35	0	35	−	963.46632	43.7	1	359.62279	II
36	14	23	−	37	13	24	−	958.42285	92.0	-7	670.30877	II
36	4	33	−	35	3	32	−	966.64963	75.0	10	407.41050	II
36	18	19	−	35	19	16	−	913.45036	99.4	0	894.63322	II
36	8	29	−	35	7	28	−	986.06964	92.0	-2	456.45740	II
36	19	18	+	35	18	17	+	1016.41262	98.8	4	842.59275	II
36	13	24	+	36	14	23	+	904.96937	95.8	2	685.36463	II
36	18	19	+	35	17	18	+	1013.79128	97.3	-1	793.76340	II
36	5	32	−	37	4	33	−	925.53808	94.9	7	462.86836	II
36	5	32	−	36	4	33	−	957.42098	85.3	0	430.98483	II
36	20	17	−	36	21	16	−	886.17811	98.8	-2	1027.50646	II
36	10	27	+	36	9	28	+	969.82070	93.3	1	523.13471	II
36	5	32	+	36	6	31	+	927.70080	85.5	0	460.52512	II
36	11	26	+	37	10	27	+	950.00402	92.4	1	572.59895	II
36	10	27	−	36	9	28	−	969.84507	93.2	0	523.37299	II
36	8	29	+	35	7	28	+	986.04974	92.4	-1	456.25412	II
36	4	33	+	36	5	32	+	928.72927	87.7	0	445.17876	II
36	13	24	−	36	14	23	−	904.94107	95.8	1	685.73633	II
36	4	33	−	37	5	32	−	902.26960	98.8	10	471.79051	II
36	14	23	+	37	15	22	+	879.58107	97.4	0	748.77563	II
36	20	17	+	36	19	18	+	996.96481	95.5	-4	916.09989	II
36	10	27	−	37	9	28	−	947.14312	98.7	3	546.07522	II
36	10	27	+	35	9	26	+	991.90211	93.1	1	501.05330	II
36	6	31	−	36	5	32	−	958.40523	88.1	1	445.35579	II
36	5	32	+	36	4	33	+	957.38987	87.8	1	430.83616	II
36	5	32	−	36	6	31	−	927.68720	85.8	0	460.71856	II
36	11	26	+	36	12	25	+	910.54430	88.5	-6	612.05801	II
36	3	34	+	36	2	35	+	960.08650	89.3	-11	398.66286	II
36	20	17	+	37	21	16	+	863.55298	98.7	-9	1049.51121	II
36	17	20	−	37	18	19	−	871.43116	97.9	-5	887.79483	II
36	9	28	+	35	10	25	+	938.30426	97.4	0	527.86631	II
36	18	19	+	37	19	18	+	868.80224	98.5	7	938.75324	II
36	18	19	−	37	19	18	−	868.76988	97.4	1	939.31371	II
36	18	19	−	36	19	18	−	891.41553	98.7	-1	916.66789	II
36	4	33	−	36	5	32	−	928.70355	86.7	2	445.35579	II
36	6	31	+	36	7	30	+	925.17348	87.9	2	478.39127	II
36	4	33	−	36	3	34	−	958.31040	92.4	0	415.74874	II
36	16	21	−	36	17	20	−	896.75449	97.7	1	816.27782	II
36	4	33	+	35	3	32	+	966.66037	86.8	-1	407.24759	II
36	10	27	+	36	11	26	+	913.37637	91.4	0	579.57900	II
36	8	29	+	36	9	28	+	919.16906	89.7	-1	523.13471	II
36	4	33	+	37	3	34	+	921.78434	92.8	0	452.12367	II
36	15	22	+	36	14	23	+	983.75076	98.0	-1	685.36463	II
36	19	18	−	35	18	17	−	1016.45451	98.0	1	843.12368	II
36	6	31	+	35	7	28	+	947.31058	96.0	1	456.25412	II
36	13	24	+	36	12	25	+	978.27580	96.5	0	612.05801	II
36	8	29	−	36	7	30	−	963.93004	90.4	-2	478.59701	II
36	16	21	−	36	15	22	−	986.48831	98.1	-1	726.54383	II
36	10	27	+	37	9	28	+	947.12078	98.2	6	545.83512	II
36	8	29	+	37	7	30	+	941.04730	98.2	-2	501.25643	II
36	15	22	−	36	14	23	−	983.78945	98.2	0	685.73633	II
36	16	21	−	35	17	18	−	918.77960	98.1	-11	794.25151	II
36	17	20	+	37	18	19	+	871.46264	98.1	2	887.27724	II
36	6	31	−	35	7	28	−	947.30308	90.2	-4	456.45740	II
36	20	17	−	37	19	18	−	974.37104	90.2	0	939.31371	II
36	16	21	−	37	17	20	−	874.11694	98.1	2	838.91543	II
36	11	26	+	37	12	25	+	887.89773	96.0	1	634.70527	II
36	8	29	+	36	7	30	+	963.91253	90.1	-1	478.39127	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
36	6	31	+	37	5	32	+	931.99187	98.1	-3	471.57240	II
36	9	28	+	37	8	29	+	944.16112	98.1	1	522.00956	II
36	14	23	−	35	13	22	−	1003.09017	95.3	0	625.64213	II
36	15	22	+	35	14	21	+	1005.77729	96.1	0	663.33820	II
36	12	25	−	36	13	24	−	907.71794	95.3	0	647.66905	II
36	5	32	+	37	4	33	+	925.56551	96.1	4	462.66077	II
36	5	32	+	35	6	29	+	949.54499	95.3	1	438.68103	II
36	1	36	−	37	0	37	−	922.37314	64.1	0	400.71584	II
36	1	36	+	37	0	37	+	922.37314	64.1	-1	400.69772	II
36	9	28	−	37	10	27	−	893.55246	95.2	0	572.85946	II
36	12	25	+	37	13	24	+	885.10277	96.1	1	669.97043	II
36	3	34	+	35	2	33	+	964.69471	65.8	-3	394.05543	II
36	11	26	+	35	12	23	+	932.57894	97.8	2	590.02412	II
36	3	34	−	35	2	33	−	964.69471	65.8	3	394.16672	II
36	10	27	+	37	11	26	+	890.71877	95.5	2	602.23677	II
36	19	18	+	37	18	19	+	971.72750	99.6	-3	887.27724	II
36	3	34	+	37	2	35	+	921.28175	77.3	0	437.46862	II
36	2	35	+	36	1	36	+	961.94197	96.2	-1	379.87449	II
36	5	32	−	37	6	31	−	904.15405	96.2	0	484.25173	II
36	17	20	+	36	18	19	+	894.10931	97.7	-6	864.62969	II
36	12	25	+	37	11	26	+	952.83556	88.3	-8	602.23677	II
36	3	34	−	37	2	35	−	921.28175	77.3	1	437.57940	II
36	16	21	+	36	17	20	+	896.78932	98.0	0	815.79552	II
36	3	34	+	35	4	31	+	942.23584	99.5	5	416.51508	II
36	16	21	+	35	15	20	+	1008.47373	96.6	0	704.11113	II
36	20	17	+	35	19	16	+	1019.00805	98.6	0	894.05706	II
36	12	25	−	37	13	24	−	885.07824	96.6	0	670.30877	II
36	2	35	−	37	1	36	−	921.77506	72.5	-6	420.10618	II
36	15	22	−	35	14	21	−	1005.81337	96.6	2	663.71256	II
36	5	32	−	35	6	29	−	949.52819	95.5	-1	438.87750	II
37	18	19	+	38	17	22	+	968.36388	99.7	5	861.69202	II
37	15	22	+	38	16	23	+	876.09563	98.0	2	815.51324	II
37	19	18	−	38	20	19	−	865.36747	99.0	-5	1016.70818	II
37	5	32	+	36	4	33	+	983.59290	93.9	-1	430.83616	II
37	9	28	+	37	10	27	+	916.12938	90.1	0	572.59895	II
37	17	20	+	36	16	21	+	1011.61344	97.9	1	769.62308	II
37	15	22	−	36	14	23	−	1006.27989	91.7	5	685.73633	II
37	17	20	+	38	16	23	+	965.72342	99.5	2	815.51324	II
37	0	37	−	36	1	36	−	963.88715	45.8	1	379.89264	II
37	2	35	+	37	1	36	+	960.40048	94.8	2	420.04159	II
37	3	34	−	37	2	35	−	957.62579	93.7	1	437.57940	II
37	17	20	+	37	18	19	+	893.95933	98.6	1	887.27724	II
37	15	22	+	36	16	21	+	921.98608	99.4	5	769.62308	II
37	14	23	+	38	13	26	+	957.62579	93.7	-9	693.22410	II
37	8	29	+	36	9	28	+	941.77059	97.0	-1	523.13471	II
37	11	26	−	38	12	27	−	887.13046	90.1	11	658.27551	II
37	8	29	+	37	9	28	+	919.07019	91.2	-1	545.83512	II
37	18	19	+	36	17	20	+	1014.26018	98.3	3	815.79552	II
37	9	28	−	36	8	29	−	989.48603	93.6	-1	499.48548	II
37	20	17	−	36	21	16	−	908.68112	99.3	0	1027.50646	II
37	8	29	+	37	7	30	+	963.64890	91.7	-1	501.25643	II
37	11	26	+	37	12	25	+	910.41231	94.6	-1	634.70527	II
37	3	34	+	38	4	35	+	918.73713	92.7	-2	476.30336	II
37	5	32	+	37	4	33	+	951.76847	83.2	1	462.66077	II
37	18	19	−	36	17	20	−	1014.30005	98.0	0	816.27782	II
37	8	29	−	38	9	30	−	895.73522	95.8	0	569.39627	II
37	9	28	+	36	10	27	+	938.80372	96.6	-1	549.92450	II
37	11	26	+	36	12	25	+	933.05982	98.6	1	612.05801	II
37	9	28	−	38	8	31	−	943.37893	98.9	2	545.59284	II
37	10	27	−	36	9	28	−	992.37686	87.7	-10	523.37299	II
37	17	20	−	37	18	19	−	893.92300	98.0	-2	887.79483	II
37	10	27	−	37	11	26	−	913.23005	92.5	-2	602.52057	II
37	19	18	−	37	20	17	−	888.63033	98.9	-1	993.44578	II
37	2	35	+	38	1	38	+	958.36683	95.7	-3	422.07478	II
37	3	34	−	38	4	35	−	918.75092	93.5	-2	476.45400	II
37	13	24	+	38	14	25	+	881.57840	97.1	2	731.25302	II
37	4	33	−	37	5	32	−	933.94440	83.6	-2	471.79051	II
37	0	37	+	37	1	36	+	923.72100	95.6	9	420.04159	II
37	6	31	+	38	5	34	+	935.61902	98.9	1	491.30778	II
37	5	32	+	37	6	31	+	930.38544	84.1	2	484.04396	II
37	11	26	+	37	10	27	+	972.51877	94.7	0	572.59895	II
37	10	27	−	38	9	30	−	946.35477	98.6	2	569.39627	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
37	2	35	−	37	3	34	−	928.26886	84.3	-4	452.28518	II
37	6	31	−	36	7	30	−	948.54061	95.3	1	478.59701	II
37	16	21	−	37	17	20	−	896.60675	84.4	0	838.91543	II
37	19	18	+	38	20	19	+	865.39990	98.9	-1	1016.11063	II
37	9	28	−	38	10	29	−	892.81966	95.7	-2	596.15171	II
37	15	22	−	37	16	21	−	899.31408	98.0	-2	792.70144	II
37	18	19	+	37	19	18	+	891.30163	98.9	-6	938.75324	II
37	11	26	−	38	10	29	−	949.25302	98.9	-2	596.15171	II
37	19	18	−	36	18	19	−	1016.92258	98.6	1	865.15366	II
37	10	27	+	38	11	28	+	889.97767	95.4	-1	625.50932	II
37	1	36	−	36	2	35	−	964.39910	61.1	-4	398.72734	II
37	2	35	+	37	3	34	+	928.31813	91.0	-1	452.12367	II
37	1	36	+	36	2	35	+	964.39910	61.1	4	398.66286	II
37	20	17	+	36	19	18	+	1019.47655	98.8	-1	916.09989	II
37	3	34	−	36	4	33	−	964.22010	87.7	-1	430.98483	II
37	18	19	+	36	19	18	+	913.95518	96.4	-4	916.09989	II
37	20	17	−	36	19	18	−	1019.51966	99.2	0	916.66789	II
37	8	29	+	38	7	32	+	940.29621	89.5	4	524.60969	II
37	13	24	−	38	12	27	−	954.89846	99.7	7	658.27551	II
37	8	29	−	37	7	30	−	963.66442	91.1	-2	501.46687	II
37	12	25	−	36	11	26	−	998.02795	94.7	1	579.86253	II
37	10	27	−	37	9	28	−	969.67566	87.7	1	546.07522	II
37	14	23	−	36	13	24	−	1003.55501	96.1	0	647.66905	II
37	13	24	+	36	12	25	+	1000.77327	95.2	1	612.05801	II
37	6	31	−	36	5	32	−	981.78180	94.6	0	445.35579	II
37	17	20	−	38	18	21	−	870.67150	98.8	5	911.04704	II
37	15	22	−	36	16	21	−	921.94958	99.2	0	770.06609	II
37	15	22	−	37	14	23	−	983.64332	95.9	-1	708.37229	II
37	4	33	+	37	3	34	+	953.40016	90.9	2	452.12367	II
37	16	21	+	37	17	20	+	896.64039	97.3	-3	838.43842	II
37	19	18	+	36	20	17	+	911.33034	91.6	-3	970.18000	II
37	9	28	+	36	8	29	+	989.46312	93.2	0	499.26519	II
37	18	19	−	38	19	20	−	868.00672	98.3	-6	962.57053	II
37	9	28	−	37	10	27	−	916.11213	92.4	0	572.85946	II
37	5	32	−	36	4	33	−	983.66613	98.8	1	430.98483	II
37	10	27	+	37	9	28	+	969.65184	85.6	-1	545.83512	II
37	12	25	+	38	11	28	+	952.06786	99.6	1	625.50932	II
37	0	37	−	38	1	38	−	921.68685	66.2	0	422.09281	II
37	5	32	+	38	6	33	+	907.59812	76.8	3	506.83132	II
37	14	23	+	36	13	24	+	1003.52147	95.9	0	647.32930	II
37	16	21	+	38	17	22	+	873.38696	98.7	-1	861.69202	II
37	15	22	+	36	14	23	+	1006.24416	96.2	1	685.36463	II
37	0	37	+	38	1	38	+	921.68685	66.2	-1	422.07478	II
37	3	34	+	37	4	33	+	932.37966	89.3	-2	462.66077	II
37	9	28	−	36	10	27	−	938.78764	97.7	0	550.18395	II
37	19	18	+	37	20	17	+	888.67013	98.7	-4	992.84014	II
37	17	20	−	36	16	21	−	1011.65202	97.7	1	770.06609	II
37	4	33	−	37	3	34	−	953.44977	91.5	-1	452.28518	II
37	17	20	+	37	16	21	+	988.97352	97.4	-3	792.26267	II
37	0	37	+	36	1	36	+	963.88715	45.8	-1	379.87449	II
37	9	28	+	38	10	29	+	892.83842	95.9	1	595.88995	II
37	8	29	+	38	9	30	+	895.75052	93.0	-8	569.15417	II
37	8	29	−	36	7	30	−	986.53434	93.0	-2	478.59701	II
37	3	34	+	36	4	33	+	964.20439	88.0	-1	430.83616	II
37	4	33	−	36	5	32	−	960.37892	94.6	-4	445.35579	II
37	5	32	+	38	4	35	+	938.12676	99.7	10	476.30336	II
37	18	19	+	38	19	20	+	868.03784	98.7	-6	962.01700	II
37	13	24	+	36	14	23	+	927.46645	99.5	-1	685.36463	II
37	12	25	+	38	13	26	+	884.35309	96.3	1	693.22410	II
37	1	36	−	37	2	35	−	925.54766	93.0	2	437.57940	II
37	4	33	+	36	5	32	+	960.34488	95.2	0	445.17876	II
37	19	18	+	36	18	19	+	1016.88108	98.7	1	864.62969	II
37	1	36	−	37	0	37	−	962.41116	86.6	1	400.71584	II
37	14	23	−	38	13	26	−	957.66300	99.4	3	693.56135	II
37	11	26	+	38	12	27	+	887.15165	96.1	0	657.96601	II
37	12	25	+	36	13	24	+	930.24779	98.5	0	647.32930	II
37	15	22	−	38	16	23	−	876.06744	97.8	-1	815.94820	II
37	8	29	−	37	9	28	−	919.05612	91.1	-2	546.07522	II
37	11	26	−	37	10	27	−	972.54553	94.6	1	572.85946	II
37	20	17	−	37	21	16	−	886.02250	99.6	-8	1050.16428	II
37	9	28	−	37	8	29	−	966.73906	92.8	0	522.23255	II
37	12	25	−	37	13	24	−	907.58172	95.1	1	670.30877	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
37	17	20	+	36	18	19	+	916.60617	99.7	-6	864.62969	II
37	10	27	−	36	11	26	−	935.88822	98.0	-1	579.86253	II
37	20	17	−	38	21	18	−	862.75408	99.2	-3	1073.43313	II
37	4	33	−	38	5	34	−	914.24509	92.7	-2	491.48980	II
37	16	21	−	37	15	22	−	986.34374	98.2	1	749.17852	II
37	3	34	−	37	4	33	−	932.33650	87.1	-2	462.86836	II
37	13	24	+	37	12	25	+	978.12609	96.6	1	634.70527	II
37	12	25	+	37	11	26	+	975.34039	95.7	1	602.23677	II
37	6	31	+	36	7	30	+	948.53558	96.7	2	478.39127	II
37	12	25	−	38	13	26	−	884.32907	96.7	0	693.56135	II
37	13	24	−	37	14	23	−	904.80099	96.3	0	708.37229	II
37	10	27	+	38	9	30	+	946.33281	99.2	-1	569.15417	II
37	5	32	−	38	4	35	−	938.19614	98.1	-7	476.45400	II
37	10	27	+	36	11	26	+	935.90830	98.6	3	579.57900	II
37	8	29	−	38	7	32	−	940.30931	98.2	0	524.82217	II
37	5	32	−	37	6	31	−	930.39906	88.7	-1	484.25173	II
37	6	31	−	38	7	32	−	902.31598	95.0	6	524.82217	II
37	11	26	−	37	12	25	−	910.38997	94.4	1	635.01505	II
37	1	36	+	38	2	37	+	921.07654	79.4	3	441.98529	II
37	13	24	−	36	12	25	−	1000.80505	95.3	1	612.36834	II
37	1	36	−	38	2	37	−	921.07654	79.4	-5	442.04979	II
37	14	23	−	37	13	24	−	980.91605	87.3	7	670.30877	II
37	6	31	−	37	5	32	−	955.34721	89.8	2	471.79051	II
37	18	19	−	37	17	20	−	991.66220	99.4	-2	838.91543	II
37	8	29	−	36	9	28	−	941.75805	96.7	-5	523.37299	II
37	14	23	−	38	15	24	−	878.79929	97.8	1	772.42493	II
37	2	35	−	36	3	34	−	964.80596	79.7	3	415.74874	II
37	4	33	−	38	3	36	−	945.54032	99.1	-10	460.19370	II
37	2	35	−	38	3	36	−	920.36102	88.8	3	460.19370	II
37	16	21	+	36	15	22	+	1008.94135	96.7	0	726.13770	II
37	20	17	+	37	21	16	+	886.06475	99.3	-6	1049.51121	II
37	0	37	−	37	1	36	−	923.67383	79.9	3	420.10618	II
37	6	31	−	37	7	30	−	925.67056	79.9	-1	501.46687	II
37	11	26	−	36	10	27	−	995.22099	94.3	0	550.18395	II
37	10	27	+	37	11	26	+	913.25025	92.6	0	602.23677	II
37	6	31	+	37	7	30	+	925.67056	79.9	3	501.25643	II
37	13	24	−	37	12	25	−	978.15827	96.8	0	635.01505	II
37	5	32	−	38	6	33	−	907.61884	96.8	-2	507.03182	II
37	13	24	−	36	14	23	−	927.43695	99.1	0	685.73633	II
37	14	23	−	36	15	22	−	924.68039	98.6	1	726.54383	II
37	2	35	+	36	3	34	+	964.80231	80.1	1	415.63974	II
37	17	20	+	38	18	21	+	870.70104	98.3	-1	910.53531	II
37	12	25	+	37	13	24	+	907.60670	95.5	1	669.97043	II
37	6	31	+	36	5	32	+	981.74816	94.7	3	445.17876	II
37	14	23	−	37	15	22	−	902.04576	96.8	2	749.17852	II
37	1	36	+	37	2	35	+	925.59284	80.7	-1	437.46862	II
37	6	31	−	38	5	34	−	935.64777	98.6	0	491.48980	II
37	5	32	−	37	4	33	−	951.78249	57.3	0	462.86836	II
37	14	23	+	37	15	22	+	902.07507	96.8	-1	748.77563	II
37	10	27	+	36	9	28	+	992.35270	90.0	4	523.13471	II
37	14	23	+	38	15	24	+	878.82587	96.1	0	772.02491	II
37	10	27	−	38	11	28	−	889.95711	96.1	-1	625.79362	II
37	6	31	+	37	5	32	+	955.35443	89.0	2	471.57240	II
37	16	21	−	36	15	22	−	1008.97840	96.9	1	726.54383	II
37	16	21	−	38	17	22	−	873.35821	97.9	2	862.16422	II
37	8	29	+	36	7	30	+	986.51403	92.6	-1	478.39127	II
37	9	28	+	37	8	29	+	966.71872	92.3	0	522.00956	II
37	13	24	−	38	14	25	−	881.55289	97.5	0	731.62046	II
37	18	19	−	37	19	18	−	891.26456	99.3	4	939.31371	II
37	14	23	+	37	13	24	+	980.88027	94.1	-1	669.97043	II
37	12	25	+	36	11	26	+	997.99816	94.8	1	579.57900	II
37	18	19	+	37	17	20	+	991.61740	99.5	4	838.43842	II
37	2	35	−	37	1	36	−	960.44869	95.0	4	420.10618	II
37	2	35	+	38	3	36	+	920.35761	87.5	0	460.08433	II
37	4	33	+	38	5	34	+	914.21620	96.4	3	491.30778	II
37	4	33	+	37	5	32	+	933.95128	82.0	0	471.57240	II
37	13	24	+	37	14	23	+	904.82839	96.0	1	708.00290	II
37	16	21	+	37	15	22	+	986.30350	98.3	1	748.77563	II
37	9	28	+	38	8	31	+	943.36065	98.4	-5	545.36719	II
37	12	25	−	37	11	26	−	975.36999	95.9	1	602.52057	II
37	15	22	+	37	14	23	+	983.60516	94.0	-6	708.00290	II
38	16	23	+	39	17	22	+	872.62384	98.1	-2	885.55626	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
38	9	30	+	39	10	29	+	892.10291	95.6	-1	619.79785	II
38	17	22	−	39	18	21	−	869.90619	97.3	-4	934.91019	II
38	3	36	+	39	2	37	+	919.85044	81.9	2	483.07108	II
38	11	28	−	38	12	27	−	910.25560	95.2	0	658.27551	II
38	10	29	−	38	9	30	−	969.50054	88.3	4	569.39627	II
38	9	30	+	38	10	29	+	916.01088	91.6	0	595.88995	II
38	13	26	+	37	12	25	+	1001.23207	95.8	1	634.70527	II
38	13	26	−	39	12	27	−	954.12852	99.4	1	682.14982	II
38	14	25	+	39	13	26	+	956.86288	99.7	5	717.09038	II
38	3	36	+	38	4	35	+	926.61819	89.3	2	476.30336	II
38	6	33	−	39	7	32	−	900.77230	96.7	1	549.01377	II
38	6	33	−	39	5	34	−	929.22024	70.6	7	520.56635	II
38	6	33	−	37	5	32	−	977.99561	95.8	2	471.79051	II
38	8	31	+	39	9	30	+	895.02277	96.1	-2	593.09367	II
38	10	29	+	39	9	30	+	945.53802	98.3	3	593.09367	II
38	6	33	−	37	7	30	−	948.31971	92.7	6	501.46687	II
38	17	22	+	37	16	21	+	1012.07722	97.9	-1	792.26267	II
38	13	26	−	37	12	25	−	1001.26321	95.9	0	635.01505	II
38	12	27	−	39	13	26	−	883.57689	97.3	0	717.42681	II
38	11	28	+	38	10	29	+	972.35352	95.5	1	595.88995	II
38	16	23	+	37	17	20	+	919.74189	95.6	0	838.43842	II
38	17	22	+	39	18	21	+	869.93561	98.5	-6	934.40383	II
38	4	35	−	37	5	32	−	947.45871	94.7	-11	471.79051	II
38	5	34	+	38	6	33	+	927.23962	88.5	0	506.83132	II
38	8	31	+	38	7	32	+	963.50674	91.5	-2	524.60969	II
38	9	30	+	39	8	31	+	942.53735	98.8	2	569.36363	II
38	4	35	+	39	3	36	+	919.97273	93.1	0	499.12450	II
38	14	25	+	38	15	24	+	901.92781	97.5	0	772.02491	II
38	10	29	+	38	9	30	+	969.47720	94.1	0	569.15417	II
38	18	21	+	39	19	20	+	867.27127	99.2	-3	985.89108	II
38	3	36	−	39	2	37	−	919.85044	81.9	-4	483.18157	II
38	9	30	−	38	8	31	−	966.55320	93.1	-1	545.59284	II
38	1	38	+	37	0	37	+	964.30487	47.6	-1	400.69772	II
38	3	36	+	37	4	33	+	940.26097	99.6	4	462.66077	II
38	17	22	+	38	16	23	+	988.82684	99.3	1	815.51324	II
38	11	28	+	38	12	27	+	910.27740	95.1	1	657.96601	II
38	10	29	−	39	9	30	−	945.55763	94.1	-9	593.33797	II
38	2	37	−	37	1	36	−	964.82688	60.9	-3	420.10618	II
38	2	37	+	38	1	38	+	962.79320	97.7	-2	422.07478	II
38	10	29	−	37	11	26	−	936.37582	98.5	-1	602.52057	II
38	14	25	−	39	13	26	−	956.89744	82.0	1	717.42681	II
38	15	24	+	38	16	23	+	899.19601	96.9	0	815.51324	II
38	19	20	−	39	20	19	−	864.59962	99.3	-3	1040.58143	II
38	17	22	−	38	18	21	−	893.76986	98.7	1	911.04704	II
38	10	29	+	38	11	28	+	913.12210	93.0	0	625.50932	II
38	20	19	+	37	19	18	+	1019.94120	99.1	0	938.75324	II
38	20	19	+	39	21	18	+	862.01582	99.1	-9	1096.67769	II
38	12	27	+	38	13	26	+	907.46657	95.4	1	693.22410	II
38	12	27	−	37	11	26	−	998.48320	95.2	1	602.52057	II
38	14	25	−	38	13	26	−	980.76316	97.7	4	693.56135	II
38	16	23	−	37	15	22	−	1009.44119	97.4	1	749.17852	II
38	9	30	−	39	10	29	−	892.08496	95.8	-1	620.06107	II
38	13	26	+	39	14	25	+	880.82230	97.4	1	755.11501	II
38	8	31	−	38	9	30	−	918.94892	91.4	-2	569.39627	II
38	15	24	−	38	14	25	−	983.49330	97.7	3	731.62046	II
38	11	28	−	38	10	29	−	972.37951	94.9	1	596.15171	II
38	1	38	−	39	0	39	−	920.99755	68.0	0	444.02308	II
38	9	30	−	39	8	31	−	942.55401	98.4	3	569.59243	II
38	3	36	+	37	2	35	+	965.45287	66.8	1	437.46862	II
38	3	36	−	37	2	35	−	965.45287	66.8	-1	437.57940	II
38	11	28	+	39	10	29	+	948.44485	99.1	-6	619.79785	II
38	11	28	−	39	12	27	−	886.38130	96.5	0	682.14982	II
38	1	38	−	39	2	37	−	881.83937	97.6	3	483.18157	II
38	15	24	−	38	16	23	−	899.16539	91.8	1	815.94820	II
38	1	38	−	37	0	37	−	964.30487	47.6	1	400.71584	II
38	13	26	−	38	12	27	−	978.00289	92.3	1	658.27551	II
38	14	25	−	39	15	24	−	878.04104	97.9	-1	796.28303	II
38	17	22	+	37	18	19	+	917.06301	99.5	2	887.27724	II
38	13	26	+	38	12	27	+	977.97126	97.0	0	657.96601	II
38	5	34	+	38	4	35	+	957.76766	90.6	1	476.30336	II
38	9	30	+	37	10	27	+	939.30266	93.9	8	572.59895	II
38	16	23	−	39	15	24	−	962.33747	99.7	9	796.28303	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
38	3	36	−	38	2	37	−	960.98262	95.5	0	442.04979	II
38	10	29	+	37	11	26	+	936.39456	98.1	0	602.23677	II
38	6	33	+	39	5	34	+	929.24668	98.0	-1	520.33551	II
38	14	25	+	38	13	26	+	980.72883	97.5	2	693.22410	II
38	20	19	−	37	19	18	−	1019.98332	99.0	-3	939.31371	II
38	8	31	+	37	9	28	+	942.28131	95.0	-2	545.83512	II
38	8	31	−	37	9	28	−	942.26995	95.8	-2	546.07522	II
38	18	21	−	37	17	20	−	1014.76392	98.1	1	838.91543	II
38	15	24	−	37	16	21	−	922.41239	93.8	4	792.70144	II
38	18	21	−	38	17	22	−	991.51537	98.2	3	862.16422	II
38	18	21	+	37	19	18	+	914.40951	99.4	1	938.75324	II
38	6	33	+	37	5	32	+	978.01031	94.9	4	471.57240	II
38	10	29	−	38	11	28	−	913.10285	93.8	0	625.79362	II
38	12	27	−	37	13	24	−	930.69473	98.3	-2	670.30877	II
38	6	33	−	38	5	34	−	958.29653	89.7	4	491.48980	II
38	14	25	−	37	13	24	−	1004.01534	96.1	0	670.30877	II
38	8	31	−	39	7	32	−	939.33116	99.0	-5	549.01377	II
38	11	28	−	37	10	27	−	995.67176	93.7	1	572.85946	II
38	4	35	+	37	3	34	+	966.97360	88.1	0	452.12367	II
38	3	36	−	38	4	35	−	926.57852	87.3	2	476.45400	II
38	16	23	−	38	15	24	−	986.19478	99.0	1	772.42493	II
38	2	37	−	38	3	36	−	924.73981	82.9	2	460.19370	II
38	8	31	+	38	9	30	+	918.96231	91.2	-1	569.15417	II
38	2	37	+	38	3	36	+	924.78349	93.7	-3	460.08433	II
38	1	38	+	39	0	39	+	920.99755	68.0	-1	444.00505	II
38	10	29	−	39	11	28	−	889.21463	97.1	0	649.68185	II
38	4	35	+	38	5	34	+	927.78942	90.7	0	491.30778	II
38	14	25	+	39	15	24	+	878.06722	97.5	0	795.88551	II
38	9	30	−	37	8	29	−	989.91355	93.6	0	522.23255	II
38	15	24	+	38	14	25	+	983.45649	98.4	2	731.25302	II
38	4	35	+	38	3	36	+	959.01268	93.6	-2	460.08433	II
38	10	29	+	39	11	28	+	889.23467	96.6	1	649.39683	II
38	19	20	−	37	18	19	−	1017.38666	99.0	2	887.79483	II
38	6	33	+	37	7	30	+	948.32615	96.6	2	501.25643	II
38	16	23	−	39	17	22	−	872.59507	98.6	-5	886.02409	II
38	11	28	−	39	10	29	−	948.47050	93.6	5	620.06107	II
38	6	33	−	38	7	32	−	924.96384	83.5	1	524.82217	II
38	15	24	+	37	14	23	+	1006.70653	96.7	2	708.00290	II
38	13	26	+	38	14	25	+	904.68430	92.2	1	731.25302	II
38	5	34	+	39	6	33	+	902.00511	97.1	0	532.06587	II
38	4	35	−	39	3	36	−	919.96608	92.5	2	499.28441	II
38	10	29	−	37	9	28	−	992.82123	92.8	0	546.07522	II
38	18	21	+	37	17	20	+	1014.72457	98.3	3	838.43842	II
38	8	31	−	39	9	30	−	895.00722	95.7	-2	593.33797	II
38	14	25	+	37	13	24	+	1003.98237	95.9	0	669.97043	II
38	16	23	−	38	17	22	−	896.45548	98.3	1	862.16422	II
38	15	24	+	39	16	23	+	875.33457	98.2	0	839.37474	II
38	19	20	+	37	18	19	+	1017.34565	98.7	2	887.27724	II
38	4	35	−	37	3	34	−	966.96522	88.4	1	452.28518	II
38	2	37	−	38	1	38	−	962.84097	98.2	4	422.09281	II
38	11	28	+	39	12	27	+	886.40303	96.3	0	681.84035	II
38	13	26	−	38	14	25	−	904.65809	96.7	3	731.62046	II
38	2	37	−	39	1	38	−	920.39521	79.1	-3	464.53785	II
38	2	37	+	39	1	38	+	920.39521	79.1	4	464.47327	II
38	19	20	+	38	20	19	+	888.51155	98.9	-5	1016.11063	II
38	18	21	−	38	19	20	−	891.10859	98.9	-1	962.57053	II
38	12	27	−	38	13	26	−	907.44241	95.4	1	693.56135	II
38	4	35	−	38	5	34	−	927.76052	90.9	0	491.48980	II
38	17	22	−	38	16	23	−	988.86825	96.3	-4	815.94820	II
38	16	23	+	38	15	24	+	986.15543	98.4	0	772.02491	II
38	13	26	+	37	14	23	+	927.93432	98.9	0	708.00290	II
38	9	30	+	37	8	29	+	989.89118	93.5	-1	522.00956	II
38	14	25	+	37	15	22	+	925.17655	79.2	-6	748.77563	II
38	12	27	+	38	11	28	+	975.18103	94.1	-3	625.50932	II
38	12	27	+	37	13	24	+	930.72021	98.9	0	669.97043	II
38	15	24	−	39	16	23	−	875.30722	97.8	1	839.80628	II
38	20	19	−	39	21	18	−	861.98429	98.9	-1	1097.31285	II
38	9	30	−	37	10	27	−	939.28678	97.2	1	572.85946	II
38	8	31	−	38	7	32	−	963.52305	92.7	-2	524.82217	II
38	6	33	+	38	5	34	+	958.27495	88.6	4	491.30778	II
38	16	23	+	37	15	22	+	1009.40467	97.2	0	748.77563	II
38	13	26	−	39	14	25	−	880.79749	97.9	0	755.48081	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
38	8	31	+	37	7	30	+	986.86008	93.4	-1	501.25643	II
38	5	34	+	37	4	33	+	971.41031	94.4	1	462.66077	II
38	15	24	−	37	14	23	−	1006.74124	96.6	1	708.37229	II
38	2	37	+	37	1	36	+	964.82688	60.9	3	420.04159	II
38	5	34	+	37	6	31	+	950.02705	96.9	1	484.04396	II
38	8	31	−	37	7	30	−	986.87837	93.4	-2	501.46687	II
38	17	22	+	38	18	21	+	893.80524	93.4	6	910.53531	II
38	13	26	−	37	14	23	−	927.90601	98.9	0	708.37229	II
38	11	28	−	37	12	25	−	933.51591	98.8	-1	635.01505	II
38	20	19	+	38	19	20	+	996.67714	99.6	-2	962.01700	II
38	9	30	−	38	10	29	−	915.99431	91.1	-1	596.15171	II
38	12	27	+	39	13	26	+	883.60034	97.3	1	717.09038	II
38	17	22	−	37	16	21	−	1012.11537	97.7	0	792.70144	II
38	10	29	+	37	9	28	+	992.79629	94.4	0	545.83512	II
38	18	21	−	39	19	20	−	867.24063	99.1	-4	986.43819	II
38	18	21	+	38	19	20	+	891.14576	98.6	1	962.01700	II
38	20	19	−	38	21	18	−	885.86393	99.4	-2	1073.43313	II
38	6	33	+	38	7	32	+	924.97286	89.9	2	524.60969	II
38	14	25	−	38	15	24	−	901.89910	97.3	-1	772.42493	II
38	19	20	+	39	20	19	+	864.63063	99.3	-7	1039.99137	II
38	1	38	+	38	2	37	+	923.01730	95.5	-1	441.98529	II
39	15	24	−	39	14	25	−	983.33823	96.7	1	755.48081	II
39	17	22	−	39	16	23	−	988.71626	99.1	-2	839.80628	II
39	9	30	+	40	10	31	+	891.36690	97.0	0	644.32290	II
39	20	19	+	38	19	20	+	1020.40139	98.7	0	962.01700	II
39	17	22	+	38	16	23	+	1012.53712	98.1	1	815.51324	II
39	4	35	+	39	3	36	+	954.58048	87.6	9	499.12450	II
39	0	39	−	38	1	38	−	964.71848	49.3	1	422.09281	II
39	15	24	+	39	14	25	+	983.30233	98.2	1	755.11501	II
39	16	23	−	39	17	22	−	896.29971	98.2	-7	886.02409	II
39	3	36	−	38	4	35	−	965.46964	88.4	-2	476.45400	II
39	10	29	−	39	11	28	−	912.97343	94.7	0	649.68185	II
39	20	19	+	40	21	20	+	861.24207	99.3	-2	1121.17611	II
39	14	25	−	39	13	26	−	980.60569	98.0	0	717.42681	II
39	6	33	+	39	5	34	+	954.30847	89.3	2	520.33551	II
39	9	30	−	39	10	29	−	915.87620	93.3	-1	620.06107	II
39	18	21	+	38	17	22	+	1015.18456	97.9	2	861.69202	II
39	3	36	+	39	4	35	+	930.62973	91.7	-6	511.13083	II
39	2	37	+	38	3	36	+	965.67999	82.3	-2	460.08433	II
39	4	35	−	39	5	34	−	933.35246	87.3	-1	520.56635	II
39	17	22	+	39	16	23	+	988.67541	99.4	-1	839.37474	II
39	13	26	−	40	14	27	−	880.03892	97.8	0	779.95334	II
39	14	25	+	40	15	26	+	877.30532	98.3	0	820.35743	II
39	1	38	+	39	2	37	+	924.14427	95.6	1	483.07108	II
39	11	28	−	38	10	29	−	996.11670	93.5	-2	596.15171	II
39	3	36	−	39	4	35	−	930.58100	90.0	-11	511.34174	II
39	6	33	+	38	5	34	+	983.33620	95.9	2	491.30778	II
39	15	24	−	40	16	25	−	874.54318	97.9	-2	864.27561	II
39	8	31	+	38	9	30	+	942.80772	97.3	-3	569.15417	II
39	13	26	+	38	12	27	+	1001.68604	95.4	0	657.96601	II
39	4	35	+	38	5	34	+	962.39626	95.0	-1	491.30778	II
39	8	31	+	39	9	30	+	918.86774	81.2	-8	593.09367	II
39	12	27	−	38	11	28	−	998.93333	95.7	0	625.79362	II
39	1	38	−	39	0	39	−	963.25792	97.5	5	444.02308	II
39	8	31	+	40	9	32	+	894.30991	96.0	-2	617.65205	II
39	10	29	+	39	9	30	+	969.29460	92.0	-4	593.09367	II
39	8	31	+	38	7	32	+	987.35239	94.4	-1	524.60969	II
39	2	37	+	39	1	38	+	961.29212	81.7	9	464.47327	II
39	16	23	+	40	17	24	+	871.85783	98.6	4	910.03107	II
39	8	31	−	40	7	34	−	938.64056	99.3	-4	573.55324	II
39	18	21	−	39	17	22	−	991.36407	99.5	5	886.02409	II
39	11	28	+	39	10	29	+	972.18223	95.9	0	619.79785	II
39	19	20	+	39	20	19	+	888.34945	99.4	-3	1039.99137	II
39	1	38	+	40	2	39	+	919.69486	81.7	2	487.52056	II
39	13	26	−	39	12	27	−	977.84275	97.3	3	682.14982	II
39	19	20	−	39	20	19	−	888.31135	99.5	-5	1040.58143	II
39	6	33	−	40	5	36	−	934.87221	96.0	-2	539.99546	II
39	16	23	+	38	15	24	+	1009.86363	96.9	0	772.02491	II
39	13	26	+	39	14	25	+	904.53694	96.9	-1	755.11501	II
39	18	21	−	40	19	22	−	866.47025	98.5	-8	1010.91657	II
39	8	31	+	40	7	34	+	938.62761	96.9	-9	573.33366	II
39	6	33	−	38	7	32	−	950.04592	97.1	2	524.82217	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
39	8	31	−	40	9	32	−	894.29535	96.4	-2	617.89869	II
39	18	21	−	38	17	22	−	1015.22352	98.8	1	862.16422	II
39	15	24	+	39	16	23	+	899.04248	97.3	0	839.37474	II
39	16	23	−	40	17	24	−	871.82934	98.8	-2	910.49495	II
39	10	29	+	38	9	30	+	993.23459	94.8	0	569.15417	II
39	9	30	−	38	10	29	−	939.78574	97.6	0	596.15171	II
39	10	29	−	40	11	30	−	888.47040	95.0	5	674.18546	II
39	13	26	−	39	14	25	−	904.51159	94.8	2	755.48081	II
39	4	35	+	39	5	34	+	933.36858	87.1	0	520.33551	II
39	1	38	−	40	2	39	−	919.69486	81.7	-6	487.58509	II
39	4	35	+	40	5	36	+	913.89507	97.0	0	539.80910	II
39	16	23	−	38	15	24	−	1009.89952	97.4	0	772.42493	II
39	4	35	+	38	3	36	+	993.62007	99.0	3	460.08433	II
39	6	33	+	38	7	32	+	950.03393	96.6	-2	524.60969	II
39	15	24	−	38	14	25	−	1007.19837	97.5	-1	731.62046	II
39	12	27	−	39	13	26	−	907.30029	95.7	2	717.42681	II
39	9	30	+	38	10	29	+	939.79983	98.0	0	595.88995	II
39	8	31	+	39	7	32	+	963.16683	92.5	-2	548.79515	II
39	15	24	+	38	16	23	+	922.90420	99.0	2	815.51324	II
39	17	22	−	40	18	23	−	869.13837	98.1	-2	959.38415	II
39	11	28	+	38	10	29	+	996.09007	94.5	-1	595.88995	II
39	3	36	−	38	2	37	−	999.87440	93.7	3	442.04979	II
39	9	30	−	40	10	31	−	891.34968	96.4	0	644.58775	II
39	16	23	+	38	17	22	+	920.19625	97.4	-3	861.69202	II
39	17	22	−	38	18	21	−	917.47545	80.1	-2	911.04704	II
39	11	28	−	38	12	27	−	933.99315	98.6	1	658.27551	II
39	9	30	+	39	8	31	+	966.32622	93.7	0	569.36363	II
39	9	30	−	39	8	31	−	966.34527	79.4	3	569.59243	II
39	1	38	−	38	2	37	−	965.23061	57.6	-1	442.04979	II
39	6	33	−	38	5	34	−	983.37842	96.4	3	491.48980	II
39	15	24	+	40	16	25	+	874.57007	98.0	-1	863.84712	II
39	19	20	−	40	20	21	−	863.82761	99.4	-4	1065.06533	II
39	0	39	−	40	1	40	−	920.30450	66.4	0	466.50672	II
39	18	21	+	39	17	22	+	991.31984	99.6	-3	885.55626	II
39	10	29	−	39	9	30	−	969.31729	94.8	0	593.33797	II
39	9	30	−	38	8	31	−	990.34442	93.5	-2	545.59284	II
39	3	36	+	38	4	35	+	965.45763	87.8	-2	476.30336	II
39	11	28	+	40	10	31	+	947.65790	99.6	7	644.32290	II
39	19	20	−	39	18	21	−	993.98307	99.0	0	934.91019	II
39	14	25	+	39	15	24	+	901.77720	96.3	0	795.88551	II
39	2	37	−	39	3	36	−	926.59200	93.0	-3	499.28441	II
39	9	30	−	40	8	33	−	941.74312	98.6	1	594.19441	II
39	10	29	−	38	11	28	−	936.86199	98.5	3	625.79362	II
39	2	37	+	39	3	36	+	926.63970	94.5	-3	499.12450	II
39	6	33	−	39	5	34	−	954.30169	90.3	1	520.56635	II
39	0	39	+	39	1	38	+	922.31970	86.2	-3	464.47327	II
39	10	29	+	40	11	30	+	888.48921	96.6	0	673.89951	II
39	14	25	+	38	15	24	+	925.63821	98.9	4	772.02491	II
39	14	25	−	39	15	24	−	901.74939	96.9	-1	796.28303	II
39	6	33	+	39	7	32	+	925.84892	91.0	3	548.79515	II
39	14	25	−	40	13	28	−	956.12760	97.2	3	741.90520	II
39	18	21	+	39	19	20	+	890.98546	91.7	1	985.89108	II
39	2	37	−	40	3	38	−	919.02034	89.9	0	506.85635	II
39	12	27	+	40	13	28	+	882.84458	97.6	1	741.56934	II
39	16	23	−	40	15	26	−	961.57212	98.1	4	820.75276	II
39	2	37	−	38	3	36	−	965.68273	76.4	-2	460.19370	II
39	11	28	+	38	12	27	+	934.01428	98.6	2	657.96601	II
39	12	27	+	39	13	26	+	907.32363	95.8	2	717.09038	II
39	17	22	−	39	18	21	−	893.61233	98.5	-2	934.91019	II
39	0	39	+	40	1	40	+	920.30450	66.4	-1	466.48876	II
39	11	28	+	40	12	29	+	885.65151	96.4	-1	706.32842	II
39	1	38	+	38	2	37	+	965.23061	57.6	6	441.98529	II
39	3	36	+	40	2	39	+	954.24035	97.4	-2	487.52056	II
39	0	39	−	39	1	38	−	922.27408	87.2	7	464.53785	II
39	12	27	−	40	13	28	−	882.82209	97.2	3	741.90520	II
39	20	19	−	38	19	20	−	1020.44336	99.3	0	962.57053	II
39	18	21	−	39	19	20	−	890.94905	98.7	-4	986.43819	II
39	17	22	−	40	16	25	−	964.24763	99.6	5	864.27561	II
39	9	30	+	39	10	29	+	915.89216	92.9	2	619.79785	II
39	1	38	−	39	2	37	−	924.09908	95.7	1	483.18157	II
39	16	23	+	39	15	24	+	986.00306	98.7	0	795.88551	II
39	13	26	+	40	14	27	+	880.06326	97.9	1	779.58890	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
39	18	21	+	40	19	22	+	866.50079	98.4	-2	1010.37536	II
39	3	36	−	39	2	37	−	958.74272	78.4	4	483.18157	II
39	17	22	−	38	16	23	−	1012.57438	97.8	-1	815.94820	II
39	2	37	+	40	3	38	+	919.01743	90.3	-4	506.74670	II
39	12	27	−	39	11	28	−	975.04542	96.0	3	649.68185	II
39	2	37	−	39	1	38	−	961.33871	96.4	-1	464.53785	II
39	15	24	−	40	14	27	−	958.86489	99.4	-7	779.95334	II
39	12	27	+	38	11	28	+	998.90453	95.6	0	625.50932	II
39	15	24	−	39	16	23	−	899.01265	97.7	0	839.80628	II
39	15	24	+	38	14	25	+	1007.16437	96.9	1	731.25302	II
39	9	30	+	38	8	31	+	990.32255	94.2	-1	545.36719	II
39	13	26	−	40	12	29	−	953.35516	99.7	10	706.63809	II
39	6	33	+	40	7	34	+	901.31038	96.6	2	573.33366	II
39	13	26	−	38	12	27	−	1001.71681	96.5	1	658.27551	II
39	17	22	+	39	18	21	+	893.64611	98.3	-3	934.40383	II
39	14	25	−	40	15	26	−	877.27959	98.6	-2	820.75276	II
39	19	20	−	38	18	21	−	1017.84668	98.9	4	911.04704	II
39	16	23	−	39	15	24	−	986.04125	98.8	-2	796.28303	II
39	6	33	−	40	7	34	−	901.31492	96.7	3	573.55324	II
39	11	28	−	40	12	29	−	885.63042	97.0	-1	706.63809	II
39	19	20	+	40	20	21	+	863.85815	98.9	-7	1064.48222	II
39	0	39	+	38	1	38	+	964.71848	49.3	-1	422.07478	II
39	19	20	+	38	18	21	+	1017.80592	98.8	1	910.53531	II
39	10	29	−	38	9	30	−	993.25897	94.0	-1	569.39627	II
39	3	36	+	39	2	37	+	958.68928	94.0	-8	483.07108	II
39	17	22	+	40	18	23	+	869.16790	98.5	3	958.88269	II
39	3	36	−	40	4	37	−	917.73853	94.1	-2	524.18516	II
39	11	28	−	39	12	27	−	910.11876	93.6	0	682.14982	II
39	13	26	+	40	12	29	+	953.32365	99.7	1	706.32842	II
39	12	27	+	40	11	30	+	950.51430	99.0	0	673.89951	II
39	14	25	−	38	13	26	−	1004.47119	97.1	0	693.56135	II
39	10	29	+	39	11	28	+	912.99183	93.9	-1	649.39683	II
39	13	26	+	39	12	27	+	977.81177	97.2	1	681.84035	II
39	11	28	+	39	12	27	+	910.13986	95.0	1	681.84035	II
39	11	28	−	39	10	29	−	972.20806	89.2	5	620.06107	II
39	12	27	−	38	13	26	−	931.16649	88.7	9	693.56135	II
39	10	29	+	40	9	32	+	944.73620	98.5	-5	617.65205	II
39	17	22	+	38	18	21	+	917.51419	99.3	-7	910.53531	II
40	8	33	−	40	9	32	−	918.74321	93.4	-2	617.89869	II
40	11	30	−	40	10	31	−	972.02984	96.2	0	644.58775	II
40	12	29	−	41	11	30	−	949.75608	99.5	5	699.30465	II
40	3	38	−	39	2	37	−	966.22527	70.4	-4	483.18157	II
40	8	33	−	39	7	32	−	987.62808	95.1	-2	549.01377	II
40	3	38	+	39	2	37	+	966.22527	70.4	4	483.07108	II
40	19	22	+	40	18	23	+	993.78308	99.5	1	958.88269	II
40	3	38	+	39	4	35	+	938.16578	99.6	7	511.13083	II
40	1	40	−	41	0	41	−	919.60824	72.8	1	489.54348	II
40	8	33	+	41	9	32	+	893.57386	96.3	-2	642.83309	II
40	18	23	+	41	19	22	+	865.72617	99.4	-6	1035.46972	II
40	1	40	+	41	0	41	+	919.60824	72.8	-1	489.52551	II
40	10	31	+	39	9	30	+	993.66563	95.0	0	593.09367	II
40	9	32	−	40	10	31	−	915.75520	74.0	-9	644.58775	II
40	4	37	+	39	5	34	+	946.19967	99.4	0	520.33551	II
40	19	22	+	41	20	21	+	863.08203	99.4	-6	1089.58306	II
40	13	28	+	40	14	27	+	904.38663	94.9	0	779.58890	II
40	20	21	−	40	21	20	−	885.53322	99.4	-6	1121.80325	II
40	13	28	+	39	14	25	+	928.86080	99.4	3	755.11501	II
40	14	27	−	40	13	28	−	980.44413	96.4	2	741.90520	II
40	4	37	+	39	3	36	+	967.41064	88.5	0	499.12450	II
40	9	32	+	39	8	31	+	990.73014	94.9	-1	569.36363	II
40	2	39	−	40	3	38	−	923.32696	76.6	-1	506.85635	II
40	15	26	−	39	16	23	−	923.32696	76.6	10	839.80628	II
40	4	37	−	40	3	38	−	959.83297	95.6	-4	506.85635	II
40	20	21	+	39	19	20	+	1020.85739	99.3	-1	985.89108	II
40	11	30	−	41	10	31	−	946.88590	98.4	6	669.73224	II
40	16	25	−	41	15	26	−	960.80308	94.8	5	845.83409	II
40	11	30	+	40	12	29	+	909.99984	94.7	2	706.32842	II
40	18	23	+	40	19	22	+	890.82076	99.3	-4	1010.37536	II
40	6	35	+	41	5	36	+	926.36757	77.7	0	571.69359	II
40	8	33	+	39	7	32	+	987.61194	94.6	-1	548.79515	II
40	15	26	+	40	14	27	+	983.14386	98.4	1	779.58890	II
40	12	29	−	39	11	28	−	999.37842	95.5	0	649.68185	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
40	4	37	−	39	3	36	−	967.40548	88.7	1	499.28441	II
40	5	36	−	39	6	33	−	950.17706	98.4	-2	532.28657	II
40	11	30	+	40	10	31	+	972.00541	95.6	2	644.32290	II
40	6	35	+	39	7	32	+	949.26628	96.7	3	548.79515	II
40	17	24	+	40	18	23	+	893.48416	98.4	-3	958.88269	II
40	3	38	−	40	4	37	−	925.22203	94.4	0	524.18516	II
40	6	35	−	39	5	34	−	977.70538	96.7	-1	520.56635	II
40	14	27	+	39	13	26	+	1004.89034	96.8	0	717.09038	II
40	13	28	−	40	14	27	−	904.36204	96.8	1	779.95334	II
40	6	35	−	39	7	32	−	949.25816	96.8	1	549.01377	II
40	11	30	+	41	10	31	+	946.86238	99.1	-1	669.46557	II
40	10	31	+	40	9	32	+	969.10737	94.1	1	617.65205	II
40	8	33	−	41	7	34	−	937.52085	99.1	4	599.12161	II
40	2	39	−	41	1	40	−	919.00250	81.4	-4	511.18053	II
40	2	39	+	41	1	40	+	919.00250	81.4	2	511.11593	II
40	13	28	−	39	12	27	−	1002.16561	96.9	2	682.14982	II
40	17	24	+	40	16	25	+	988.52062	99.7	6	863.84712	II
40	16	25	+	39	17	22	+	920.64730	99.0	-2	885.55626	II
40	9	32	−	39	8	31	−	990.75124	94.0	-2	569.59243	II
40	16	25	+	40	15	26	+	985.84542	98.4	-9	820.35743	II
40	2	39	−	40	1	40	−	963.67661	97.9	-1	466.50672	II
40	6	35	+	41	7	34	+	899.16764	96.9	1	598.89365	II
40	9	32	+	40	10	31	+	915.77087	94.0	-1	644.32290	II
40	8	33	+	41	7	34	+	937.51379	97.0	3	598.89365	II
40	16	25	−	40	15	26	−	985.88406	99.0	2	820.75276	II
40	14	27	−	40	15	26	−	901.59636	97.9	0	820.75276	II
40	16	25	+	40	17	24	+	896.17237	98.4	-3	910.03107	II
40	17	24	−	41	18	23	−	868.36658	99.0	-3	984.46877	II
40	9	32	−	41	8	33	−	940.88862	99.0	1	619.45531	II
40	6	35	−	40	7	34	−	924.71871	91.7	1	573.55324	II
40	3	38	+	40	4	37	+	925.26273	93.8	-2	524.03303	II
40	11	30	−	40	12	29	−	909.98002	89.1	5	706.63809	II
40	19	22	−	41	20	21	−	863.05133	99.0	-9	1090.15974	II
40	5	36	−	41	4	37	−	920.41505	97.0	3	562.04908	II
40	14	27	−	39	13	26	−	1004.92222	97.0	-1	717.42681	II
40	9	32	+	41	10	31	+	890.62800	97.1	-3	669.46557	II
40	8	33	+	40	7	34	+	963.07340	91.1	-1	573.33366	II
40	4	37	+	41	5	36	+	894.84085	98.9	-7	571.69359	II
40	19	22	+	39	18	21	+	1018.26171	98.9	-1	934.40383	II
40	18	23	−	39	17	22	−	1015.67910	98.9	4	886.02409	II
40	11	30	−	41	12	29	−	884.87705	97.9	-1	731.74043	II
40	12	29	−	40	11	30	−	974.87516	89.2	4	674.18546	II
40	16	25	−	41	17	24	−	871.05941	98.9	-5	935.57667	II
40	10	31	−	40	11	30	−	912.84232	93.5	2	674.18546	II
40	6	35	+	39	5	34	+	977.72631	96.0	7	520.33551	II
40	17	24	+	41	18	23	+	868.39502	97.2	-3	983.97181	II
40	4	37	−	41	5	36	−	894.75417	99.5	-3	571.93527	II
40	10	31	−	41	11	30	−	887.72313	97.3	2	699.30465	II
40	15	26	−	40	16	25	−	898.85752	97.2	9	864.27561	II
40	6	35	−	40	5	36	−	958.27695	85.2	6	539.99546	II
40	10	31	−	39	11	28	−	937.34557	98.3	-2	649.68185	II
40	14	27	+	39	15	24	+	926.09530	98.8	1	795.88551	II
40	16	25	+	41	17	24	+	871.08672	98.8	-6	935.11637	II
40	17	24	−	41	16	25	−	963.47874	97.3	-8	889.35611	II
40	15	26	+	39	16	23	+	923.35872	98.8	8	839.37474	II
40	9	32	−	39	10	29	−	940.28250	97.9	-2	620.06107	II
40	10	31	−	40	9	32	−	969.12899	95.5	1	617.89869	II
40	11	30	+	41	12	29	+	884.89779	97.3	1	731.43035	II
40	10	31	−	41	9	32	−	943.94505	98.8	-3	643.08227	II
40	17	24	−	40	18	23	−	893.45151	98.8	0	959.38415	II
40	13	28	−	39	14	25	−	928.83466	98.8	2	755.48081	II
40	17	24	−	40	16	25	−	988.55941	98.8	-6	864.27561	II
40	1	40	−	39	0	39	−	965.12871	53.0	1	444.02308	II
40	15	26	−	41	14	27	−	958.09359	93.1	-5	805.03805	II
40	1	40	+	39	0	39	+	965.12871	53.0	-1	444.00505	II
40	8	33	+	40	9	32	+	918.75487	93.1	-2	617.65205	II
40	4	37	+	40	5	36	+	926.72562	85.9	-5	539.80910	II
40	15	26	+	41	16	25	+	873.80250	98.7	2	888.93032	II
40	18	23	+	40	17	24	+	991.16471	86.4	-7	910.03107	II
40	12	29	+	40	11	30	+	974.84731	97.4	-1	673.89951	II
40	1	40	−	40	2	39	−	921.56675	97.4	2	487.58509	II
40	4	37	−	41	3	38	−	918.27631	86.4	1	548.41351	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
40	20	21	+	40	21	20	+	885.57191	98.7	-5	1121.17611	II
40	1	40	+	40	2	39	+	921.61300	97.5	-3	487.52056	II
40	17	24	+	39	16	23	+	1012.99237	98.7	0	839.37474	II
40	13	28	−	40	12	29	−	977.67737	97.5	2	706.63809	II
40	12	29	+	39	11	28	+	999.34964	86.7	-4	649.39683	II
40	8	33	−	40	7	34	−	963.08865	92.8	-2	573.55324	II
40	18	23	−	41	17	24	−	966.12667	99.6	5	935.57667	II
40	4	37	−	39	5	34	−	946.12371	98.7	3	520.56635	II
40	16	25	+	39	15	24	+	1010.31827	97.5	1	795.88551	II
40	14	27	+	40	13	28	+	980.41137	97.5	0	741.56934	II
40	15	26	+	39	14	25	+	1007.61768	97.5	0	755.11501	II
40	10	31	+	40	11	30	+	912.85953	92.7	-3	673.89951	II
40	15	26	−	39	14	25	−	1007.65161	97.6	2	755.48081	II
40	3	38	+	41	2	39	+	918.42710	87.5	4	530.86929	II
40	3	38	−	41	2	39	−	918.42710	87.5	-5	530.97963	II
40	8	33	−	39	9	30	−	943.30393	97.6	-2	593.33797	II
40	20	21	−	39	21	18	−	910.02387	98.6	-3	1097.31285	II
40	6	35	+	40	7	34	+	924.72761	87.7	1	573.33366	II
40	9	32	−	41	10	31	−	890.61136	97.6	-2	669.73224	II
40	8	33	+	39	9	30	+	943.31321	97.7	-3	593.09367	II
40	9	32	+	39	10	29	+	940.29621	89.5	2	619.79785	II
40	9	32	+	40	8	33	+	966.13058	87.7	-5	593.96277	II
40	11	30	−	39	12	27	−	934.46808	98.5	3	682.14982	II
40	19	22	+	39	20	19	+	912.67346	99.7	-8	1039.99137	II
40	13	28	+	39	12	27	+	1002.13521	96.0	0	681.84035	II
40	12	29	+	41	13	28	+	882.08601	97.7	1	766.66103	II
40	15	26	−	40	14	27	−	983.17874	98.5	-1	779.95334	II
40	4	37	+	41	3	38	+	918.27980	88.1	-4	548.25500	II
40	10	31	+	39	11	28	+	937.36238	97.7	-1	649.39683	II
40	14	27	+	41	15	26	+	876.53970	98.5	-3	845.44062	II
40	10	31	+	41	9	32	+	943.92583	98.5	-4	642.83309	II
40	13	28	+	41	14	27	+	879.30105	97.8	2	804.67469	II
40	11	30	−	39	10	29	−	996.55663	95.6	1	620.06107	II
40	13	28	−	41	14	27	−	879.27736	98.2	2	805.03805	II
40	12	29	−	41	13	28	−	882.06377	97.8	1	766.99657	II
40	4	37	+	40	3	38	+	959.78923	92.2	8	506.74670	II
40	14	27	−	41	15	26	−	876.51521	98.2	2	845.83409	II
40	5	36	−	40	6	35	−	926.64332	90.5	2	555.82073	II
40	6	35	−	41	5	36	−	926.33700	98.0	4	571.93527	II
40	15	26	+	40	16	25	+	898.88559	98.1	1	863.84712	II
40	12	29	+	40	13	28	+	907.17762	88.2	1	741.56934	II
40	16	25	−	39	15	24	−	1010.35343	98.3	-2	796.28303	II
40	5	36	−	39	4	35	−	971.12231	90.3	2	511.34174	II
40	17	24	−	39	16	23	−	1013.02938	98.2	0	839.80628	II
40	15	26	−	41	16	25	−	873.77610	97.8	0	889.35611	II
40	2	39	+	40	1	40	+	963.62950	98.2	0	466.48876	II
40	18	23	+	41	17	24	+	966.08031	98.1	2	935.11637	II
40	11	30	+	39	10	29	+	996.53030	95.6	1	619.79785	II
40	12	29	−	40	13	28	−	907.15501	96.1	0	741.90520	II
40	10	31	−	39	9	30	−	993.68960	95.7	0	593.33797	II
40	8	33	−	41	9	32	−	893.55958	95.3	-2	643.08227	II
40	16	25	−	40	17	24	−	896.14144	98.5	-2	910.49495	II
40	2	39	−	39	1	38	−	965.64533	65.4	-3	464.53785	II
40	2	39	+	39	1	38	+	965.64533	65.4	4	464.47327	II
40	19	22	+	40	20	21	+	888.18330	99.6	-1	1064.48222	II
40	10	31	+	41	11	30	+	887.74177	96.2	1	699.01759	II
40	3	38	−	39	4	35	−	938.06477	67.2	-7	511.34174	II
40	14	27	+	40	15	26	+	901.62327	96.2	0	820.35743	II
40	13	28	+	40	12	29	+	977.64737	88.4	3	706.32842	II
41	18	23	+	40	17	24	+	1016.09169	98.1	-1	910.03107	II
41	1	40	−	41	2	39	−	922.65120	95.9	-1	530.97963	II
41	11	30	−	41	10	31	−	971.84625	95.5	2	669.73224	II
41	11	30	+	40	10	31	+	996.96481	95.5	1	644.32290	II
41	13	28	+	40	12	29	+	1002.57960	96.0	1	706.32842	II
41	10	31	+	41	11	30	+	912.72602	95.4	0	699.01759	II
41	10	31	−	41	11	30	−	912.70906	95.3	0	699.30465	II
41	8	33	+	40	7	34	+	988.17145	95.3	-1	573.33366	II
41	12	29	+	41	13	28	+	907.02908	95.3	2	766.66103	II
41	14	27	+	41	13	28	+	980.24586	96.1	3	766.66103	II
41	2	39	−	41	1	40	−	962.19964	96.1	-2	511.18053	II
41	11	30	−	40	10	31	−	996.99054	96.2	1	644.58775	II
41	11	30	−	41	12	29	−	909.83807	96.2	3	731.74043	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
41	11	30	+	41	10	31	+	971.82201	96.3	0	669.46557	II
41	13	28	−	42	12	31	−	951.78935	96.4	-10	757.45696	II
41	12	29	−	40	11	30	−	999.81839	96.4	1	674.18546	II
41	2	39	+	41	1	40	+	962.15225	94.9	-3	511.11593	II
41	6	35	−	42	7	36	−	900.49038	94.9	-7	624.78971	II
41	9	32	−	41	8	33	−	965.91372	94.8	-1	619.45531	II
41	10	31	+	40	9	32	+	994.09161	94.7	1	617.65205	II
41	4	37	−	42	5	38	−	913.48369	96.5	5	590.84229	II
41	13	28	+	42	14	29	+	878.53542	96.6	-1	830.37239	II
41	9	32	−	42	8	35	−	940.07300	96.6	-11	645.29503	II
41	9	32	+	41	8	33	+	965.89644	94.6	-1	619.21998	II
41	3	38	+	41	4	37	+	928.75947	94.5	-3	561.83716	II
41	0	41	+	41	1	40	+	920.90764	96.6	-3	511.11593	II
41	4	37	+	42	5	38	+	913.45725	96.7	-1	590.65231	II
41	3	38	+	41	4	37	+	928.75947	94.5	-3	561.83716	II
41	6	35	−	40	7	34	−	951.72765	96.7	1	573.55324	II
41	8	33	−	42	7	36	−	936.95419	96.7	-1	624.78971	II
41	12	29	−	41	13	28	−	907.00704	96.8	-1	766.99657	II
41	10	31	−	42	11	32	−	886.97397	96.8	-2	725.03963	II
41	13	28	+	41	14	27	+	904.23323	96.9	0	804.67469	II
41	8	33	+	41	9	32	+	918.67198	94.1	-2	642.83309	II
41	3	38	+	42	4	39	+	916.58948	94.0	-3	574.00705	II
41	11	30	+	42	12	31	+	884.14147	96.9	2	757.14626	II
41	12	29	−	41	11	30	−	974.69911	96.9	0	699.30465	II
41	3	38	−	41	4	37	−	928.70800	94.0	-10	562.04908	II
41	3	38	−	42	4	39	−	916.59773	93.9	-1	574.16027	II
41	8	33	−	41	9	32	−	918.66132	93.9	-4	643.08227	II
41	5	36	−	40	6	35	−	958.35408	97.0	-4	555.82073	II
41	0	41	−	41	1	40	−	920.86131	97.0	2	511.18053	II
41	0	41	−	40	1	40	−	965.53502	56.1	1	466.50672	II
41	9	32	−	42	10	33	−	889.87433	97.1	-1	695.49462	II
41	9	32	+	41	10	31	+	915.65094	93.6	0	669.46557	II
41	8	33	+	40	9	32	+	943.85223	97.1	-10	617.65205	II
41	0	41	+	40	1	40	+	965.53502	56.1	-1	466.48876	II
41	14	27	+	40	13	28	+	1005.33733	97.2	1	741.56934	II
41	9	32	−	41	10	31	−	915.63680	93.3	-1	669.73224	II
41	8	33	−	41	7	34	−	962.62214	93.3	-2	599.12161	II
41	4	37	−	41	3	38	−	955.91226	93.3	2	548.41351	II
41	4	37	+	40	5	36	+	964.30044	93.3	-1	539.80910	II
41	8	33	−	42	9	34	−	892.85946	97.3	-3	668.88416	II
41	6	35	+	40	5	36	+	985.23327	97.3	3	539.80910	II
41	9	32	+	42	10	33	+	889.89039	97.3	-1	695.22598	II
41	12	29	+	41	11	30	+	974.67232	97.3	0	699.01759	II
41	12	29	+	42	13	30	+	881.32434	97.3	-1	792.36551	II
41	4	37	−	42	3	40	−	948.59320	93.1	0	555.73230	II
41	4	37	−	40	5	36	−	964.32983	93.1	-2	539.99546	II
41	15	26	+	40	14	27	+	1008.06657	97.4	1	779.58890	II
41	8	33	+	42	9	34	+	892.87287	97.4	0	668.63234	II
41	14	27	−	40	13	28	−	1005.36875	97.5	-1	741.90520	II
41	14	27	−	41	15	26	−	901.43998	97.6	0	845.83409	II
41	2	39	+	41	3	38	+	925.01323	92.4	-2	548.25500	II
41	14	27	−	40	15	26	−	926.52093	97.7	-3	820.75276	II
41	13	28	+	41	12	29	+	977.47759	97.7	1	731.43035	II
41	6	35	+	41	7	34	+	926.14863	92.3	2	598.89365	II
41	6	35	+	42	7	36	+	900.48030	97.7	5	624.56225	II
41	13	28	−	41	12	29	−	977.50691	97.8	0	731.74043	II
41	15	26	+	42	14	29	+	957.28400	92.2	10	830.37239	II
41	3	38	−	42	2	41	−	955.42588	97.8	-2	535.33198	II
41	5	36	+	40	6	35	+	958.31588	97.8	-1	555.61331	II
41	20	21	+	42	21	22	+	859.68211	99.7	1	1172.00261	II
41	2	39	+	42	3	40	+	917.64576	91.8	-3	555.62245	II
41	10	31	+	42	11	32	+	886.99244	97.8	1	724.75126	II
41	2	39	−	42	3	40	−	917.64818	91.7	1	555.73230	II
41	11	30	−	42	12	31	−	884.12134	97.9	1	757.45696	II
41	11	30	−	42	10	33	−	946.08464	97.9	10	695.49462	II
41	4	37	−	40	3	38	−	997.46876	91.6	-4	506.85635	II
41	15	26	−	40	14	27	−	1008.09966	97.9	-1	779.95334	II
41	13	28	−	40	14	27	−	929.29411	97.9	1	779.95334	II
41	15	26	+	41	14	27	+	982.98066	98.0	0	804.67469	II
41	5	36	−	41	4	37	−	952.12616	91.1	0	562.04908	II
41	8	33	−	40	9	32	−	943.84511	98.0	-2	617.89869	II
41	16	25	+	41	17	24	+	896.00923	98.0	-2	935.11637	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
41	6	35	+	41	5	36	+	953.34876	90.7	3	571.69359	II
41	4	37	+	41	3	38	+	955.85358	90.7	-11	548.25500	II
41	4	37	−	41	5	36	−	932.38999	90.6	-3	571.93527	II
41	13	28	−	42	14	29	−	878.51243	98.1	0	830.73494	II
41	17	24	−	40	16	25	−	1013.47997	98.1	1	864.27561	II
41	15	26	−	41	16	25	−	898.69708	98.1	1	889.35611	II
41	17	24	+	42	16	27	+	962.66706	98.1	8	914.62429	II
41	16	25	+	40	15	26	+	1010.76856	98.1	2	820.35743	II
41	5	36	−	41	6	35	−	931.15366	90.2	0	583.02156	II
41	16	25	−	40	15	26	−	1010.80328	98.1	0	820.75276	II
41	12	29	−	42	13	30	−	881.30296	98.1	2	792.70097	II
41	5	36	+	41	6	35	+	931.14278	89.8	1	582.78654	II
41	13	28	−	40	12	29	−	1002.60855	89.8	-7	706.63809	II
41	6	35	−	41	5	36	−	953.34546	89.8	0	571.93527	II
41	10	31	−	41	9	32	−	968.93200	89.7	5	643.08227	II
41	15	26	+	41	16	25	+	898.72518	98.2	1	888.93032	II
41	10	31	−	40	11	30	−	937.82828	98.2	0	674.18546	II
41	20	21	−	40	21	20	−	910.46361	99.7	2	1121.80325	II
41	16	25	−	42	17	26	−	870.28641	98.3	-5	961.26915	II
41	19	22	+	42	18	25	+	967.92465	99.7	-6	1009.67106	II
41	13	28	+	42	12	31	+	951.76211	89.2	5	757.14626	II
41	16	25	+	42	17	26	+	870.31368	98.4	0	960.81207	II
41	20	21	+	42	19	24	+	970.51140	98.4	8	1061.17405	II
41	9	32	−	40	10	31	−	940.78127	98.4	-1	644.58775	II
41	16	25	−	41	17	24	−	895.97921	98.4	-1	935.57667	II
41	3	38	−	40	4	37	−	966.57280	88.8	-1	524.18516	II
41	17	24	−	41	16	25	−	988.39964	98.4	3	889.35611	II
41	11	30	+	41	12	29	+	909.85713	88.6	-1	731.43035	II
41	14	27	+	42	15	28	+	875.77120	98.5	-3	871.13507	II
41	18	23	+	42	19	24	+	864.94808	98.5	-7	1061.17405	II
41	19	22	+	40	20	21	+	913.11471	98.5	6	1064.48222	II
41	11	30	+	40	12	29	+	934.95960	98.5	5	706.32842	II
41	4	37	+	41	5	36	+	932.41579	87.7	-3	571.69359	II
41	9	32	+	42	8	35	+	940.05925	98.6	-4	645.05682	II
41	18	23	+	41	17	24	+	991.00640	98.6	-1	935.11637	II
41	14	27	−	41	13	28	−	980.27752	98.6	1	766.99657	II
41	15	26	+	42	16	27	+	873.03111	98.6	0	914.62429	II
41	15	26	−	42	16	27	−	873.00540	98.6	0	915.04769	II
41	17	24	+	40	16	25	+	1013.44329	98.7	-1	863.84712	II
41	10	31	−	42	9	34	−	943.13030	98.7	7	668.88416	II
41	5	36	+	41	4	37	+	952.09220	86.0	1	561.83716	II
41	14	27	−	42	15	28	−	875.74709	98.7	0	871.52696	II
41	4	37	+	40	3	38	+	997.36341	99.7	5	506.74670	II
41	5	36	+	40	4	37	+	989.89544	85.6	-8	524.03303	II
41	17	24	+	41	18	23	+	893.31842	98.8	-3	983.97181	II
41	11	30	−	40	12	29	−	934.94004	98.8	-1	706.63809	II
41	5	36	−	40	4	37	−	989.98962	98.8	-5	524.18516	II
41	6	35	−	41	7	34	−	926.15909	85.0	-1	599.12161	II
41	8	33	+	42	7	36	+	936.94270	98.9	-3	624.56225	II
41	1	40	+	42	2	41	+	918.29853	84.4	3	535.26740	II
41	19	22	+	40	18	23	+	1018.71394	98.9	3	958.88269	II
41	1	40	−	42	2	41	−	918.29853	84.4	-4	535.33198	II
41	2	39	−	40	3	38	−	966.52406	84.0	0	506.85635	II
41	17	24	+	42	18	25	+	867.61888	99.0	-6	1009.67106	II
41	19	22	+	41	18	23	+	993.62478	99.0	3	983.97181	II
41	15	26	−	41	14	27	−	983.01503	99.0	0	805.03805	II
41	14	27	+	40	15	26	+	926.54993	99.7	7	820.35743	II
41	10	31	+	42	9	34	+	943.11119	99.1	-1	668.63234	II
41	6	35	+	40	7	34	+	951.70850	79.8	1	573.33366	II
41	16	25	−	41	15	26	−	985.72180	99.2	-1	845.83409	II
41	18	23	−	40	17	24	−	1016.13001	99.2	2	910.49495	II
41	11	30	+	42	10	33	+	946.06138	99.3	-2	695.22598	II
41	20	21	+	40	19	22	+	1021.30933	99.3	1	1010.37536	II
41	20	21	−	40	19	22	−	1021.35007	99.3	-1	1010.91657	II
41	15	26	+	40	16	25	+	923.80824	74.8	0	863.84712	II
41	0	41	−	42	1	42	−	918.90842	74.6	1	513.13328	II
41	0	41	+	42	1	42	+	918.90842	74.6	0	513.11538	II
41	17	24	+	41	16	25	+	988.36001	99.4	-2	888.93032	II
41	2	39	+	40	3	38	+	966.52137	74.3	-4	506.74670	II
41	19	22	−	41	20	21	−	887.97739	99.4	-1	1090.15974	II
41	18	23	−	41	17	24	−	991.04778	99.4	-3	935.57667	II
41	19	22	−	40	18	23	−	1018.75321	99.4	1	959.38415	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
41	12	29	−	40	13	28	−	932.09921	73.1	7	741.90520	II
41	3	38	+	40	4	37	+	966.56409	71.6	2	524.03303	II
41	6	35	+	42	5	38	+	934.38918	99.5	-6	590.65231	II
41	18	23	−	41	19	22	−	890.61925	99.5	0	1036.00549	II
41	1	40	−	40	2	39	−	966.04548	68.1	-3	487.58509	II
41	16	25	−	40	17	24	−	921.06069	99.5	-4	910.49495	II
41	1	40	+	40	2	39	+	966.04548	68.1	4	487.52056	II
41	17	24	−	42	18	25	−	867.59077	99.5	-8	1010.16394	II
41	18	23	−	42	19	24	−	864.92084	99.6	9	1061.70482	II
41	19	22	+	41	20	21	+	888.01267	99.6	-6	1089.58306	II
41	12	29	+	42	11	32	+	948.93815	62.7	-5	724.75126	II
41	17	24	−	42	16	27	−	962.70771	99.6	-1	915.04769	II
41	9	32	−	40	8	33	−	991.17465	95.7	0	594.19441	II
41	13	28	−	41	14	27	−	904.20930	95.7	0	805.03805	II
41	9	32	+	40	10	31	+	940.79338	95.7	-2	644.32290	II
41	8	33	−	40	7	34	−	988.19047	95.7	-2	573.55324	II
41	1	40	+	41	2	39	+	922.69629	95.8	-1	530.86929	II
41	6	35	−	40	5	36	−	985.28488	95.8	-4	539.99546	II
41	9	32	+	40	8	33	+	991.15385	95.6	1	593.96277	II
41	10	31	−	40	9	32	−	994.11502	95.9	0	617.89869	II
41	12	29	+	40	11	30	+	999.79021	95.6	-2	673.89951	II
42	1	42	−	42	2	41	−	920.14902	97.1	-1	535.33198	II
42	11	32	+	43	10	33	+	945.25392	98.0	0	721.60487	II
42	9	34	−	41	10	31	−	941.27662	98.3	0	669.73224	II
42	17	26	−	41	18	23	−	918.81347	98.0	1	984.46877	II
42	12	31	+	43	13	30	+	880.56034	98.3	2	818.68285	II
42	4	39	−	41	3	38	−	967.94598	89.4	2	548.41351	II
42	19	24	−	43	18	25	−	967.19966	97.9	3	1036.46950	II
42	6	37	−	43	7	36	−	897.37888	98.3	3	651.82121	II
42	9	34	+	41	10	31	+	941.28786	98.3	-1	669.46557	II
42	16	27	−	41	15	26	−	1011.24848	98.3	0	845.83409	II
42	8	35	+	43	9	34	+	892.12202	97.9	-4	695.05800	II
42	4	39	−	42	3	40	−	960.62710	95.7	1	555.73230	II
42	8	35	+	41	9	32	+	944.34690	97.9	-5	642.83309	II
42	4	39	+	41	3	38	+	967.94865	89.0	0	548.25500	II
42	13	30	−	42	12	31	−	977.33164	97.9	1	757.45696	II
42	12	31	−	43	13	30	−	880.53893	98.4	-1	819.01844	II
42	16	27	+	41	15	26	+	1011.21434	98.4	3	845.44062	II
42	10	33	+	42	11	32	+	912.59063	88.8	2	724.75126	II
42	15	28	+	43	14	29	+	956.50406	91.8	6	856.68201	II
42	11	32	+	43	12	31	+	883.38252	97.8	0	783.47628	II
42	14	29	+	42	13	30	+	980.07524	98.4	2	792.36551	II
42	15	28	+	42	16	27	+	898.56134	98.4	2	914.62429	II
42	14	29	+	42	15	28	+	901.30531	97.8	-2	871.13507	II
42	17	26	+	42	18	25	+	893.14921	98.5	-1	1009.67106	II
42	4	39	+	43	3	40	+	916.67549	88.2	9	599.52911	II
42	16	27	−	43	17	26	−	869.51019	97.7	-1	987.57229	II
42	10	33	−	43	9	34	−	942.30180	98.5	6	695.31270	II
42	6	37	+	42	7	36	+	924.42027	92.3	1	624.56225	II
42	10	33	−	41	11	30	−	938.30932	88.0	1	699.30465	II
42	17	26	+	41	16	25	+	1013.89008	98.5	0	888.93032	II
42	10	33	+	43	11	32	+	886.24110	97.7	1	751.10077	II
42	8	35	−	43	9	34	−	892.10878	97.7	-6	695.31270	II
42	8	35	+	42	9	34	+	918.54791	92.5	-2	668.63234	II
42	12	31	−	42	13	30	−	906.85651	92.5	0	792.70097	II
42	13	30	−	43	14	29	−	877.74452	98.6	0	857.04399	II
42	11	32	−	41	12	29	−	935.41012	98.6	-2	731.74043	II
42	15	28	−	43	16	27	−	872.23140	98.6	1	941.35028	II
42	15	28	−	42	16	27	−	898.53404	98.6	1	915.04769	II
42	15	28	−	41	14	27	−	1008.54383	97.6	3	805.03805	II
42	14	29	−	43	15	28	−	874.97587	98.6	0	897.83132	II
42	9	34	−	43	10	33	−	889.13323	97.6	0	721.87565	II
42	12	31	−	42	11	32	−	974.51774	97.6	-1	725.03963	II
42	9	34	−	42	8	35	−	965.71386	92.6	0	645.29503	II
42	16	27	−	42	17	26	−	895.81320	98.6	-2	961.26915	II
42	11	32	−	43	12	31	−	883.36316	98.7	2	783.78779	II
42	13	30	+	42	12	31	+	977.30282	97.5	-1	757.14626	II
42	13	30	+	42	14	29	+	904.07670	97.5	0	830.37239	II
42	9	34	−	43	8	35	−	939.17851	98.7	10	671.83136	II
42	17	26	−	41	16	25	−	1013.92630	98.7	3	889.35611	II
42	8	35	+	42	7	36	+	962.61759	92.9	-6	624.56225	II
42	19	24	+	42	18	25	+	993.46228	99.7	4	1009.67106	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
42	1	42	+	42	2	41	+	920.19625	97.4	3	535.26740	II
42	19	24	+	41	20	21	+	913.54972	97.4	-2	1089.58306	II
42	8	35	−	42	7	36	−	962.63198	93.0	-4	624.78971	II
42	8	35	−	41	7	34	−	988.29971	93.1	-8	599.12161	II
42	10	33	−	43	11	32	−	886.22324	97.4	-1	751.39061	II
42	18	25	+	42	17	26	+	990.84333	98.7	0	960.81207	II
42	19	24	−	41	18	23	−	1019.20070	98.8	6	984.46877	II
42	9	34	+	43	8	35	+	939.16390	98.8	-9	671.58874	II
42	13	30	−	42	14	29	−	904.05370	97.3	1	830.73494	II
42	12	31	+	41	11	30	+	1000.22558	97.3	1	699.01759	II
42	6	37	−	41	7	34	−	950.07814	97.3	-1	599.12161	II
42	17	26	−	42	18	25	−	893.11832	98.8	1	1010.16394	II
42	2	41	+	42	3	40	+	921.94408	85.3	8	555.62245	II
42	19	24	+	41	18	23	+	1019.16173	98.8	6	983.97181	II
42	19	24	−	42	18	25	−	993.50555	99.7	6	1010.16394	II
42	17	26	+	43	18	25	+	866.83987	98.8	-1	1035.98034	II
42	13	30	+	43	12	31	+	950.97275	98.8	-1	783.47628	II
42	6	37	+	42	5	38	+	958.33036	93.4	3	590.65231	II
42	6	37	−	42	7	36	−	924.41012	53.5	0	624.78971	II
42	2	41	+	43	1	42	+	917.59709	84.1	3	559.96890	II
42	11	32	−	43	10	33	−	945.27530	98.9	2	721.87565	II
42	8	35	+	43	7	36	+	935.59723	98.9	-7	651.58255	II
42	2	41	−	43	1	42	−	917.59709	84.1	-3	560.03354	II
42	8	35	−	42	9	34	−	918.53758	93.6	-4	668.88416	II
42	15	28	−	41	16	25	−	924.22553	84.0	0	889.35611	II
42	12	31	+	41	13	28	+	932.58247	98.9	5	766.66103	II
42	3	40	+	43	2	41	+	917.00270	84.0	2	580.86725	II
42	16	27	−	42	15	28	−	985.55584	98.9	2	871.52696	II
42	16	27	−	41	17	24	−	921.50546	97.1	-4	935.57667	II
42	14	29	+	41	13	28	+	1005.77931	97.1	-2	766.66103	II
42	1	42	+	41	0	41	+	965.93781	56.9	-1	489.52551	II
42	10	33	+	41	11	30	+	938.32411	97.0	0	699.01759	II
42	13	30	−	41	12	29	−	1003.04825	97.0	2	731.74043	II
42	6	37	+	43	5	38	+	923.41837	99.0	-2	625.56381	II
42	8	35	−	43	7	36	−	935.60036	99.0	-5	651.82121	II
42	6	37	−	41	5	36	−	977.26460	97.0	1	571.93527	II
42	6	37	−	42	5	38	−	958.35762	94.0	1	590.84229	II
42	1	42	−	41	0	41	−	965.93781	56.9	2	489.54348	II
42	13	30	+	41	12	29	+	1003.01884	96.9	1	731.43035	II
42	8	35	+	41	7	34	+	988.28692	94.1	1	598.89365	II
42	11	32	−	42	10	33	−	971.65611	96.8	-1	695.49462	II
42	15	28	+	42	14	29	+	982.81303	99.1	-1	830.37239	II
42	3	40	−	42	2	41	−	962.64821	80.8	-10	535.33198	II
42	14	29	+	43	15	28	+	874.99921	95.6	-6	897.44075	II
42	4	39	−	42	5	38	−	925.51707	94.3	0	590.84229	II
42	3	40	−	42	4	39	−	923.82107	94.3	2	574.16027	II
42	11	32	+	42	10	33	+	971.63288	96.7	1	695.22598	II
42	3	40	+	41	2	39	+	967.00093	79.7	5	530.86929	II
42	3	40	−	41	2	39	−	967.00093	79.7	-6	530.97963	II
42	15	28	+	43	16	27	+	872.25610	99.2	-4	940.92895	II
42	9	34	+	42	10	33	+	915.52762	94.4	0	695.22598	II
42	16	27	+	42	15	28	+	985.51969	99.2	1	871.13507	II
42	14	29	−	42	13	30	−	980.10673	78.8	5	792.70097	II
42	8	35	−	41	9	32	−	944.33897	96.6	-9	643.08227	II
42	9	34	−	42	10	33	−	915.51424	94.6	0	695.49462	II
42	11	32	−	41	10	31	−	997.41873	96.6	2	669.73224	II
42	15	28	−	42	14	29	−	982.84692	94.6	2	830.73494	II
42	4	39	+	42	3	40	+	960.58195	77.1	7	555.62245	II
42	3	40	+	42	4	39	+	923.86275	94.7	0	574.00705	II
42	18	25	−	41	17	24	−	1016.57677	99.3	3	935.57667	II
42	6	37	+	41	7	34	+	950.08883	96.5	1	598.89365	II
42	3	40	−	43	2	41	−	917.00371	76.9	1	580.97754	II
42	1	42	−	43	0	43	−	918.20527	76.8	1	537.27597	II
42	1	42	+	43	0	43	+	918.20527	76.8	-1	537.25805	II
42	15	28	+	41	14	27	+	1008.51114	94.9	4	804.67469	II
42	6	37	+	41	5	36	+	977.28816	76.6	-7	571.69359	II
42	9	34	+	42	8	35	+	965.69675	95.5	0	645.05682	II
42	11	32	−	42	12	31	−	909.69398	96.0	2	757.45696	II
42	15	28	−	43	14	29	−	956.53723	99.4	-4	857.04399	II
42	11	32	+	41	10	31	+	997.39322	96.4	0	669.46557	II
42	18	25	+	43	17	26	+	964.53761	99.4	3	987.11808	II
42	18	25	−	43	19	24	−	864.13841	99.4	-4	1088.01438	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
42	10	33	−	41	9	32	−	994.53169	96.4	0	643.08227	II
42	10	33	−	42	9	34	−	968.72975	96.4	0	668.88416	II
42	2	41	−	42	3	40	−	921.89863	96.3	0	555.73230	II
42	15	28	+	41	16	25	+	924.25469	96.3	-5	888.93032	II
42	9	34	−	41	8	33	−	991.55345	96.3	-1	619.45531	II
42	17	26	+	42	16	27	+	988.19632	99.4	2	914.62429	II
42	9	34	+	43	10	33	+	889.14847	96.3	-2	721.60487	II
42	4	39	−	43	5	38	−	890.54513	99.5	4	625.81456	II
42	17	26	−	42	16	27	−	988.23437	99.5	-1	915.04769	II
42	3	40	+	42	2	41	+	962.60177	95.6	-6	535.26740	II
42	12	31	+	42	13	30	+	906.87772	95.9	2	792.36551	II
42	11	32	+	42	12	31	+	909.71278	96.2	3	757.14626	II
42	10	33	+	42	9	34	+	968.70943	95.9	0	668.63234	II
42	9	34	+	41	8	33	+	991.53353	96.2	-1	619.21998	II
42	4	39	+	41	5	36	+	944.51040	99.6	3	571.69359	II
42	19	24	+	42	20	23	+	887.83885	99.6	-4	1115.29374	II
42	12	31	+	42	11	32	+	974.49192	95.5	2	724.75126	II
42	10	33	+	41	9	32	+	994.50862	96.1	0	642.83309	II
42	2	41	−	41	1	40	−	966.45023	61.5	-1	511.18053	II
42	2	41	+	41	1	40	+	966.45023	61.5	5	511.11593	II
42	14	29	−	41	13	28	−	1005.81058	98.1	0	766.99657	II
42	13	30	+	43	14	29	+	877.76704	98.1	-1	856.68201	II
42	6	37	+	43	7	36	+	897.39989	98.2	0	651.58255	II
42	12	31	+	43	11	32	+	948.14207	89.8	-2	751.10077	II
42	12	31	−	41	11	30	−	1000.25267	95.3	-2	699.30465	II
42	14	29	−	42	15	28	−	901.27996	98.2	-3	871.52696	II
43	8	35	−	42	9	34	−	944.90621	98.4	-4	668.88416	II
43	13	30	−	43	14	29	−	903.89574	91.8	8	857.04399	II
43	12	31	−	42	11	32	−	1000.68203	97.2	0	725.03963	II
43	15	28	+	42	16	27	+	924.69950	99.0	9	914.62429	II
43	11	32	−	43	10	33	−	971.45977	97.2	0	721.87565	II
43	12	31	−	43	13	30	−	906.70333	90.1	1	819.01844	II
43	11	32	+	43	10	33	+	971.43785	82.8	8	721.60487	II
43	14	29	−	43	15	28	−	901.11731	98.1	0	897.83132	II
43	8	35	−	43	7	36	−	961.96920	95.4	-4	651.82121	II
43	8	35	+	44	7	38	+	935.25340	93.6	9	678.29219	II
43	0	43	−	43	1	42	−	919.43657	98.1	2	560.03354	II
43	6	37	+	43	5	38	+	952.58208	92.2	3	625.56381	II
43	11	32	−	44	12	33	−	882.60200	98.1	-4	810.73303	II
43	3	40	−	42	4	39	−	967.56162	83.7	4	574.16027	II
43	3	40	+	43	4	39	+	926.85445	89.6	-2	614.70681	II
43	16	27	−	43	17	26	−	895.64340	98.9	-5	987.57229	II
43	12	31	+	44	11	34	+	947.33961	98.9	-4	778.06631	II
43	5	38	+	42	6	37	+	960.61855	93.5	2	606.85219	II
43	16	27	−	42	15	28	−	1011.68938	98.5	2	871.52696	II
43	12	31	−	44	13	32	−	879.77258	98.4	-1	845.94902	II
43	14	29	+	43	15	28	+	901.14151	97.8	-2	897.44075	II
43	13	30	+	42	12	31	+	1003.45313	97.9	1	757.14626	II
43	10	33	+	44	11	34	+	885.48816	97.7	1	778.06631	II
43	8	35	−	42	7	36	−	989.00081	96.2	-3	624.78971	II
43	3	40	−	44	4	41	−	915.35638	88.0	1	626.36527	II
43	12	31	+	43	11	32	+	974.30552	97.9	0	751.10077	II
43	2	41	+	44	3	42	+	916.24899	92.4	-3	606.70846	II
43	13	30	+	44	14	31	+	876.99557	98.6	-2	883.60357	II
43	17	26	+	43	16	27	+	988.02784	99.6	2	940.92895	II
43	4	39	+	43	3	40	+	957.13719	95.1	-6	599.52911	II
43	15	28	−	43	16	27	−	898.36729	98.6	-2	941.35028	II
43	4	39	−	44	5	40	−	912.88139	96.1	2	644.00074	II
43	6	37	−	43	5	38	−	952.58548	91.4	4	625.81456	II
43	16	27	+	42	15	28	+	1011.65540	98.6	1	871.13507	II
43	12	31	+	44	13	32	+	879.79309	98.3	-1	845.61310	II
43	12	31	+	42	13	30	+	933.04118	90.9	4	792.36551	II
43	15	28	−	42	14	29	−	1008.98305	98.0	3	830.73494	II
43	4	39	+	43	5	38	+	931.10282	89.5	-2	625.56381	II
43	8	35	−	43	9	34	−	918.47773	95.1	-4	695.31270	II
43	3	40	+	43	2	41	+	960.69390	95.1	-4	580.86725	II
43	2	41	−	43	3	40	−	923.38264	95.1	-3	599.68658	II
43	13	30	+	43	12	31	+	977.12276	98.6	-3	783.47628	II
43	6	37	−	44	5	40	−	934.39838	99.5	-5	644.00074	II
43	13	30	−	43	12	31	−	977.15043	95.6	-7	783.78779	II
43	16	27	+	43	17	26	+	895.67213	98.6	-1	987.11808	II
43	13	30	−	44	12	33	−	950.20564	90.5	-2	810.73303	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
43	17	26	+	42	18	25	+	919.28516	99.5	-4	1009.67106	II
43	17	26	−	43	16	27	−	988.06529	99.5	1	941.35028	II
43	5	38	+	44	6	39	+	906.94702	95.6	5	660.52400	II
43	3	40	−	43	2	41	−	960.74298	87.4	-10	580.97754	II
43	9	34	+	44	10	35	+	888.41080	97.5	-1	748.60199	II
43	4	39	+	44	5	40	+	912.85953	92.7	5	643.80782	II
43	6	37	−	43	7	36	−	926.57852	87.3	1	651.82121	II
43	9	34	+	44	8	37	+	938.35983	97.5	6	698.65370	II
43	1	42	+	42	2	41	+	966.84509	72.4	4	535.26740	II
43	1	42	−	42	2	41	−	966.84509	72.4	-3	535.33198	II
43	5	38	+	43	6	37	+	931.24118	90.5	0	636.22935	II
43	6	37	+	44	7	38	+	899.85439	98.1	10	678.29219	II
43	0	43	−	42	1	42	−	966.33677	59.3	2	513.13328	II
43	16	27	+	43	15	28	+	985.34941	99.6	-2	897.44075	II
43	10	33	−	43	11	32	−	912.43819	96.1	0	751.39061	II
43	6	37	+	42	7	36	+	953.58361	98.2	3	624.56225	II
43	10	33	−	43	9	34	−	968.51622	95.6	1	695.31270	II
43	11	32	−	44	10	35	−	944.46034	99.4	0	748.87505	II
43	10	33	+	43	11	32	+	912.45393	94.9	3	751.10077	II
43	11	32	+	42	12	31	+	935.89547	99.4	-2	757.14626	II
43	2	41	−	42	3	40	−	967.33729	86.6	1	555.73230	II
43	2	41	−	44	3	42	−	916.25122	92.9	2	606.81847	II
43	17	26	−	44	18	27	−	866.02941	99.4	-7	1063.38533	II
43	10	33	−	42	9	34	−	994.94467	96.4	0	668.88416	II
43	2	41	+	43	3	40	+	923.42867	96.0	0	599.52911	II
43	1	42	+	44	2	43	+	916.88777	76.0	3	585.22464	II
43	9	34	−	42	8	35	−	991.97606	96.0	-1	645.29503	II
43	1	42	−	44	2	43	−	916.88777	76.0	-3	585.28928	II
43	11	32	−	42	12	31	−	935.87842	99.3	0	757.45696	II
43	9	34	−	43	10	33	−	915.39534	95.3	-2	721.87565	II
43	8	35	+	43	7	36	+	961.96183	94.9	-3	651.58255	II
43	13	30	−	42	12	31	−	1003.48187	97.4	-1	757.45696	II
43	9	34	+	42	8	35	+	991.95594	96.5	-2	645.05682	II
43	3	40	+	42	4	39	+	967.55426	89.8	-2	574.00705	II
43	8	35	+	42	9	34	+	944.91198	98.4	-3	668.63234	II
43	15	28	+	42	14	29	+	1008.95068	98.2	2	830.37239	II
43	4	39	−	42	3	40	−	1001.15003	93.0	4	555.73230	II
43	0	43	+	42	1	42	+	966.33677	59.3	0	513.11538	II
43	17	26	+	44	18	27	+	866.05689	99.2	-1	1062.89954	II
43	12	31	−	43	11	32	−	974.33142	96.6	4	751.39061	II
43	15	28	+	44	16	29	+	871.47868	99.2	1	967.84425	II
43	10	33	+	42	11	32	+	938.80372	96.6	6	724.75126	II
43	14	29	+	42	13	30	+	1006.21697	96.6	0	792.36551	II
43	9	34	−	44	10	35	−	888.39602	97.4	-1	748.87505	II
43	8	35	+	43	9	34	+	918.48632	94.6	-3	695.05800	II
43	15	28	−	43	14	29	−	982.67397	96.6	2	857.04399	II
43	5	38	−	43	4	39	−	952.80784	93.1	1	614.91797	II
43	9	34	−	42	10	33	−	941.77641	98.8	-1	695.49462	II
43	16	27	+	42	17	26	+	921.97895	99.2	7	960.81207	II
43	15	28	−	42	16	27	−	924.66969	99.6	-3	915.04769	II
43	0	43	+	44	1	44	+	917.49860	78.8	0	561.95352	II
43	13	30	+	43	14	29	+	903.91704	93.1	-3	856.68201	II
43	12	31	−	44	11	34	−	947.36358	99.7	-3	778.35779	II
43	0	43	−	44	1	44	−	917.49860	78.8	1	561.97141	II
43	13	30	−	44	14	31	−	876.97392	98.1	2	883.96519	II
43	1	42	+	43	0	43	+	964.85440	96.7	3	537.25805	II
43	2	41	−	43	1	42	−	963.03598	94.4	0	560.03354	II
43	5	38	−	44	6	39	−	906.98120	98.5	-5	660.74411	II
43	14	29	+	43	13	30	+	979.89943	98.5	-2	818.68285	II
43	2	41	+	43	1	42	+	962.98814	94.4	-7	559.96890	II
43	4	39	−	42	5	38	−	966.03954	94.3	-1	590.84229	II
43	15	28	−	44	16	29	−	871.45394	99.1	0	968.26379	II
43	3	40	−	43	4	39	−	926.80272	94.3	-8	614.91797	II
43	2	41	+	42	3	40	+	967.33513	85.4	-2	555.62245	II
43	4	39	−	43	3	40	−	957.19541	96.0	1	599.68658	II
43	8	35	+	42	7	36	+	988.98191	96.1	-5	624.56225	II
43	16	27	−	44	17	28	−	868.73115	97.7	9	1014.48595	II
43	13	30	+	42	14	29	+	930.22754	99.1	6	830.37239	II
43	14	29	+	44	15	30	+	874.22459	98.8	-3	924.35761	II
43	16	27	−	43	15	28	−	985.38527	98.8	4	897.83132	II
43	9	34	+	43	8	35	+	965.42415	93.3	0	671.58874	II
43	11	32	+	43	12	31	+	909.56565	96.8	0	783.47628	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
43	14	29	−	44	15	30	−	874.20191	99.1	4	924.74713	II
43	10	33	−	44	9	36	−	941.47107	93.3	-9	722.35680	II
43	15	28	+	44	14	31	+	955.71969	99.1	4	883.60357	II
43	13	30	−	42	14	29	−	930.20392	99.6	0	830.73494	II
43	10	33	−	44	11	34	−	885.47080	98.1	-2	778.35779	II
43	11	32	+	44	10	35	+	944.43940	97.3	-5	748.60199	II
43	8	35	+	44	9	36	+	891.44490	98.4	-5	722.09922	II
43	11	32	+	42	10	33	+	997.81593	96.9	0	695.22598	II
43	14	29	−	42	13	30	−	1006.24764	97.3	0	792.70097	II
43	3	40	+	44	4	41	+	915.34973	95.5	-5	626.21127	II
43	4	39	−	43	5	38	−	931.06823	84.8	9	625.81456	II
43	9	34	−	44	8	37	−	938.37250	99.1	3	698.89897	II
43	10	33	+	42	9	34	+	994.92210	96.9	0	668.63234	II
43	17	26	+	43	18	25	+	892.97595	99.1	-3	1035.98034	II
43	12	31	−	42	13	30	−	933.02074	98.9	0	792.70097	II
43	0	43	+	43	1	42	+	919.48334	98.2	1	559.96890	II
43	9	34	+	42	10	33	+	941.78697	97.2	0	695.22598	II
43	12	31	+	43	13	30	+	906.72375	96.9	3	818.68285	II
43	11	32	−	42	10	33	−	997.84100	96.9	2	695.49462	II
43	17	26	−	42	16	27	−	1014.36800	99.1	2	915.04769	II
43	6	37	+	43	7	36	+	926.56335	94.0	3	651.58255	II
43	16	27	+	44	17	28	+	868.75548	99.0	-6	1014.03431	II
43	15	28	+	43	16	27	+	898.39366	98.1	-2	940.92895	II
43	9	34	−	43	8	35	−	965.43987	94.0	1	671.83136	II
43	11	32	+	44	12	33	+	882.62122	98.1	-1	810.42054	II
43	12	31	+	42	11	32	+	1000.65518	97.2	1	724.75126	II
43	6	37	−	42	5	38	−	987.55808	98.9	7	590.84229	II
43	15	28	+	43	14	29	+	982.64085	99.0	0	856.68201	II
43	4	39	+	42	5	38	+	966.01444	93.9	-1	590.65231	II
43	9	34	+	43	10	33	+	915.40807	93.8	0	721.60487	II
43	17	26	+	42	16	27	+	1014.33265	98.9	4	914.62429	II
43	14	29	−	43	13	30	−	979.93029	98.9	1	819.01844	II
44	3	42	+	44	2	43	+	963.41425	97.1	-8	585.22464	II
44	9	36	−	43	10	33	−	942.26995	95.8	3	721.87565	II
44	1	44	+	44	2	43	+	918.76557	97.8	0	585.22464	II
44	6	39	−	45	5	40	−	920.43698	96.3	4	682.10947	II
44	14	31	+	43	13	30	+	1006.64965	98.6	0	818.68285	II
44	3	42	−	44	4	41	−	922.38609	96.1	2	626.36527	II
44	3	42	+	44	4	41	+	922.42823	95.1	-1	626.21127	II
44	9	36	+	44	8	37	+	965.23061	57.6	2	698.65370	II
44	15	30	−	43	14	29	−	1009.41772	98.8	4	857.04399	II
44	2	43	+	45	1	44	+	916.17833	87.2	3	611.03131	II
44	16	29	+	45	17	28	+	867.97117	99.2	-9	1041.56065	II
44	16	29	−	44	15	30	−	985.20941	99.4	-2	924.74713	II
44	2	43	+	44	3	42	+	920.50124	95.0	4	606.70846	II
44	15	30	−	45	16	29	−	870.67291	97.5	-3	995.78811	II
44	2	43	−	45	1	44	−	916.17833	87.2	-1	611.09600	II
44	2	43	−	43	1	42	−	967.24073	73.6	-2	560.03354	II
44	2	43	+	43	1	42	+	967.24073	73.6	3	559.96890	II
44	12	33	−	44	13	32	−	906.54734	97.5	0	845.94902	II
44	3	42	+	45	2	43	+	915.57241	92.8	-1	633.06714	II
44	9	36	+	44	10	35	+	915.28221	94.9	1	748.60199	II
44	13	32	−	45	14	31	−	876.20011	98.7	2	911.49854	II
44	14	31	−	43	13	30	−	1006.67996	98.2	1	819.01844	II
44	2	43	+	44	1	44	+	965.25526	84.4	-5	561.95352	II
44	6	39	−	44	5	40	−	958.54563	94.2	3	644.00074	II
44	8	37	+	44	7	38	+	962.14820	95.2	-4	678.29219	II
44	9	36	+	45	10	35	+	887.66505	97.5	-4	776.21870	II
44	11	34	−	43	10	33	−	998.25658	84.7	-1	721.87565	II
44	15	30	−	44	16	29	−	898.19734	98.8	-2	968.26379	II
44	8	37	+	45	7	38	+	933.54194	96.8	11	706.89991	II
44	16	29	+	44	17	28	+	895.49742	99.1	-10	1014.03431	II
44	6	39	−	43	7	36	−	950.72561	91.8	7	651.82121	II
44	17	28	+	43	16	27	+	1014.77017	99.1	1	940.92895	II
44	13	32	−	44	14	31	−	903.73259	96.5	-7	883.96519	II
44	14	31	+	43	15	28	+	927.89070	99.3	-10	897.44075	II
44	9	36	−	44	8	37	−	965.24652	92.9	2	698.89897	II
44	14	31	+	44	15	30	+	900.97455	97.4	-3	924.35761	II
44	9	36	+	45	8	37	+	937.40117	76.4	1	726.48305	II
44	11	34	+	43	12	31	+	936.36182	94.9	10	783.47628	II
44	1	44	+	45	0	45	+	916.78861	80.2	-1	587.20152	II
44	10	35	−	45	9	36	−	940.62338	94.2	-2	750.03452	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
44	1	44	−	45	0	45	−	916.78861	80.2	1	587.21941	II
44	4	41	−	44	3	42	−	961.42637	96.5	0	606.81847	II
44	17	28	−	44	16	29	−	987.89192	99.3	3	968.26379	II
44	16	29	−	45	17	28	−	867.94655	98.7	-2	1042.01002	II
44	1	44	−	44	2	43	−	918.71868	98.7	1	585.28928	II
44	13	32	−	43	12	31	−	1003.91046	97.2	-2	783.78779	II
44	1	44	+	43	0	43	+	966.73214	62.1	0	537.25805	II
44	3	42	−	45	2	43	−	915.57378	93.0	1	633.17743	II
44	10	35	−	43	11	32	−	939.26778	98.7	2	751.39061	II
44	1	44	−	43	0	43	−	966.73214	62.1	2	537.27597	II
44	9	36	−	44	10	35	−	915.27105	89.8	8	748.87505	II
44	12	33	−	43	13	30	−	933.47859	82.7	7	819.01844	II
44	9	36	−	43	8	35	−	992.31401	96.0	0	671.83136	II
44	8	37	+	44	9	36	+	918.34152	89.6	-1	722.09922	II
44	17	28	−	44	18	27	−	892.77013	99.3	0	1063.38533	II
44	6	39	+	45	5	40	+	920.46970	99.3	0	681.85271	II
44	10	35	−	45	11	34	−	884.71649	98.9	-2	805.94143	II
44	11	34	+	44	10	35	+	971.23498	97.1	-2	748.60199	II
44	2	43	−	44	3	42	−	920.45643	80.7	4	606.81847	II
44	10	35	+	43	9	34	+	995.32337	97.1	-1	695.05800	II
44	11	34	−	44	12	33	−	909.39945	97.1	1	810.73303	II
44	3	42	−	44	2	43	−	963.46226	96.0	4	585.28928	II
44	16	29	+	43	15	28	+	1012.09191	98.9	0	897.44075	II
44	14	31	−	45	15	30	−	873.42334	98.9	-6	952.27432	II
44	14	31	−	44	15	30	−	900.95090	98.9	-2	924.74713	II
44	6	39	+	44	7	38	+	924.03045	93.6	2	678.29219	II
44	15	30	+	45	16	29	+	870.69667	99.2	-7	995.37011	II
44	10	35	+	45	11	34	+	884.73307	98.7	-2	805.64817	II
44	8	37	−	44	7	38	−	962.16209	95.3	-4	678.52720	II
44	3	42	+	43	4	39	+	933.93277	98.7	-1	614.70681	II
44	8	37	−	43	9	34	−	945.37689	98.4	-1	695.31270	II
44	14	31	+	45	15	30	+	873.44670	98.8	-1	951.88562	II
44	12	33	+	45	13	32	+	879.02323	97.9	-4	873.15632	II
44	2	43	−	44	1	44	−	965.30200	95.9	-11	561.97141	II
44	12	33	+	44	11	34	+	974.11370	96.2	0	778.06631	II
44	11	34	+	45	12	33	+	881.85796	98.4	0	837.97917	II
44	6	39	+	44	5	40	+	958.51483	95.1	2	643.80782	II
44	8	37	−	45	9	36	−	890.65476	97.9	-4	750.03452	II
44	4	41	−	43	3	40	−	968.55893	85.1	6	599.68658	II
44	12	33	−	43	11	32	−	1001.10575	97.7	0	751.39061	II
44	14	31	−	44	13	32	−	979.74886	98.3	-4	845.94902	II
44	12	33	+	44	13	32	+	906.56694	97.8	1	845.61310	II
44	4	41	+	44	5	40	+	924.28060	95.3	-1	643.80782	II
44	13	32	+	43	12	31	+	1003.88235	97.6	1	783.47628	II
44	4	41	+	43	3	40	+	968.55893	85.1	-5	599.52911	II
44	13	32	+	44	12	33	+	976.93796	98.6	0	810.42054	II
44	11	34	−	45	12	33	−	881.83937	97.6	-2	838.29282	II
44	11	34	+	44	12	33	+	909.41609	94.1	-5	810.42054	II
44	4	41	+	45	3	42	+	915.12635	91.3	-2	652.96197	II
44	4	41	−	45	3	42	−	915.12635	91.3	2	653.11872	II
44	6	39	−	44	7	38	−	924.01921	92.6	3	678.52720	II
44	13	32	−	44	12	33	−	976.96532	98.3	-1	810.73303	II
44	8	37	+	43	7	36	+	988.85797	92.0	-3	651.58255	II
44	9	36	−	45	10	35	−	887.65113	98.3	0	776.49420	II
44	12	33	−	44	11	34	−	974.13848	98.3	-1	778.35779	II
44	4	41	−	44	5	40	−	924.24390	95.2	-2	644.00074	II
44	11	34	+	43	10	33	+	998.23232	97.3	0	721.60487	II
44	17	28	+	44	16	29	+	987.85531	99.2	5	967.84425	II
44	13	32	+	43	14	29	+	930.67646	99.6	-1	856.68201	II
44	6	39	+	43	5	38	+	976.75886	97.6	2	625.56381	II
44	11	34	−	44	10	35	−	971.25737	97.3	1	748.87505	II
44	4	41	+	44	3	42	+	961.37960	96.2	-4	606.70846	II
44	12	33	+	45	11	34	+	946.53178	95.1	0	805.64817	II
44	10	35	−	44	9	36	−	968.30135	96.2	0	722.35680	II
44	6	39	+	45	7	38	+	895.42350	98.6	10	706.89991	II
44	8	37	+	45	9	36	+	890.66652	98.6	-6	749.77370	II
44	13	32	+	44	14	31	+	903.75509	97.8	1	883.60357	II
44	16	29	−	43	15	28	−	1012.12554	98.8	1	897.83132	II
44	13	32	+	45	14	31	+	876.22135	95.1	-1	911.13705	II
44	15	30	+	44	16	29	+	898.22310	96.7	-1	967.84425	II
44	10	35	+	44	11	34	+	912.31516	96.3	0	778.06631	II
44	3	42	+	45	4	41	+	878.94652	99.6	-3	669.69284	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
44	12	33	−	45	13	32	−	879.00351	98.4	-1	873.49276	II
44	10	35	−	43	9	34	−	995.34567	97.2	2	695.31270	II
44	12	33	+	43	11	32	+	1001.07927	97.6	1	751.10077	II
44	16	29	+	44	15	30	+	985.17491	98.5	-2	924.35761	II
44	15	30	+	43	14	29	+	1009.38565	98.6	2	856.68201	II
44	8	37	−	43	7	36	−	988.86825	96.3	-2	651.82121	II
44	6	39	−	43	5	38	−	976.73268	97.6	11	625.81456	II
44	10	35	+	45	9	36	+	940.60713	99.7	-6	749.77370	II
44	17	28	−	45	18	27	−	865.24395	99.5	-2	1090.91127	II
45	4	41	+	46	5	42	+	912.07923	97.3	-2	699.24840	II
45	13	32	−	44	14	31	−	931.10282	89.5	7	883.96519	II
45	13	32	−	44	12	33	−	1004.33465	96.7	4	810.73303	II
45	10	35	−	45	11	34	−	912.16181	97.1	-1	805.94143	II
45	13	32	−	46	14	33	−	875.42311	98.9	-2	939.64402	II
45	5	40	−	45	6	39	−	931.02709	92.7	-2	692.65365	II
45	9	36	+	46	8	39	+	936.62753	99.0	-2	754.75661	II
45	10	35	−	44	9	36	−	995.74662	97.3	1	722.35680	II
45	6	39	−	46	5	42	−	934.77613	98.1	2	699.44359	II
45	11	34	+	44	10	35	+	998.64286	97.9	1	748.60199	II
45	8	37	+	44	9	36	+	945.99365	98.1	-4	722.09922	II
45	8	37	−	46	9	38	−	890.02617	98.3	-6	778.32088	II
45	11	34	−	44	12	33	−	936.80892	98.8	1	810.73303	II
45	6	39	+	45	5	40	+	952.09795	92.5	4	681.85271	II
45	5	40	+	46	6	41	+	906.81808	98.4	-6	716.60077	II
45	15	30	+	46	14	33	+	954.13611	99.1	-8	939.28246	II
45	16	29	−	46	17	30	−	867.15956	98.6	-3	1070.14438	II
45	10	35	−	45	9	36	−	968.06877	97.5	0	750.03452	II
45	4	41	+	44	5	40	+	967.51994	94.4	-1	643.80782	II
45	14	31	+	46	15	32	+	872.66551	99.2	-2	980.02474	II
45	8	37	+	44	7	38	+	989.80097	97.1	-1	678.29219	II
45	17	28	−	45	18	27	−	892.59117	99.7	6	1090.91127	II
45	12	33	−	45	11	34	−	973.94008	97.5	-1	805.94143	II
45	4	41	−	45	3	42	−	958.42285	92.0	5	653.11872	II
45	11	34	+	46	12	35	+	881.09227	98.5	-2	866.15229	II
45	10	35	+	45	9	36	+	968.05048	96.1	1	749.77370	II
45	9	36	−	44	8	37	−	992.74968	96.3	-2	698.89897	II
45	0	45	−	46	1	46	−	916.07520	82.0	2	613.01990	II
45	13	32	+	44	12	33	+	1004.30646	98.1	2	810.42054	II
45	13	32	+	46	12	35	+	948.57438	95.6	-1	866.15229	II
45	4	41	−	44	5	40	−	967.54024	95.0	-1	644.00074	II
45	13	32	+	46	14	33	+	875.44408	98.9	-3	939.28246	II
45	14	31	+	44	13	32	+	1007.07737	98.5	0	845.61310	II
45	11	34	+	46	10	37	+	942.79073	99.4	-2	804.45389	II
45	17	28	+	44	18	27	+	920.14902	97.1	9	1062.89954	II
45	2	43	−	45	3	42	−	921.82727	93.9	-3	653.11872	II
45	12	33	+	46	13	34	+	878.25149	98.5	0	901.31257	II
45	2	43	−	44	3	42	−	968.12797	87.2	1	606.81847	II
45	16	29	+	46	17	30	+	867.18373	99.6	-10	1069.69700	II
45	17	28	+	45	16	29	+	987.67810	99.5	5	995.37011	II
45	5	40	−	44	6	39	−	962.93620	98.2	-6	660.74411	II
45	12	33	+	46	11	36	+	945.71706	99.6	-5	833.84649	II
45	4	41	−	45	5	40	−	929.43193	73.7	4	682.10947	II
45	5	40	+	45	6	39	+	931.03075	92.0	1	692.38881	II
45	10	35	+	46	11	36	+	883.97740	98.4	-2	833.84649	II
45	16	29	+	45	15	30	+	984.99592	99.4	-1	951.88562	II
45	1	44	−	45	2	43	−	919.74189	95.6	3	633.17743	II
45	12	33	−	44	13	32	−	933.93277	98.7	1	845.94902	II
45	17	28	+	44	16	29	+	1015.20363	98.9	2	967.84425	II
45	10	35	+	46	9	38	+	939.76645	93.3	-6	778.05698	II
45	1	44	−	46	2	45	−	915.46302	86.8	-2	637.45578	II
45	4	41	+	45	5	40	+	929.47485	95.0	-3	681.85271	II
45	1	44	+	45	2	43	+	919.78682	97.7	2	633.06714	II
45	16	29	+	44	15	30	+	1012.52404	99.1	0	924.35761	II
45	13	32	−	45	12	33	−	976.77452	98.8	1	838.29282	II
45	14	31	−	46	15	32	−	872.64272	99.1	-6	980.41284	II
45	1	44	+	46	2	45	+	915.46302	86.8	3	637.39109	II
45	5	40	−	45	4	41	−	953.77873	96.0	0	669.90223	II
45	10	35	−	46	9	38	−	939.78240	99.5	0	778.32088	II
45	6	39	−	44	5	40	−	990.21843	99.4	-4	644.00074	II
45	8	37	−	45	7	38	−	961.19641	95.7	-4	707.15082	II
45	14	31	+	45	13	32	+	979.53420	98.9	1	873.15632	II
45	15	30	+	44	14	31	+	1009.81588	97.9	1	883.60357	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
45	10	35	+	44	11	34	+	939.75796	98.8	2	778.06631	II
45	9	36	+	45	10	35	+	915.16560	96.0	0	776.21870	II
45	12	33	+	45	13	32	+	906.40766	97.7	-1	873.15632	II
45	2	43	−	46	3	44	−	914.83373	88.2	0	660.11259	II
45	9	36	−	46	10	37	−	886.91641	98.3	-5	804.73195	II
45	13	32	+	44	14	31	+	931.12335	99.2	1	883.60357	II
45	5	40	+	45	4	41	+	953.72588	95.7	-8	669.69284	II
45	0	45	+	44	1	44	+	967.12369	65.5	0	561.95352	II
45	14	31	+	45	15	30	+	900.80464	98.4	-2	951.88562	II
45	11	34	+	45	10	35	+	971.02591	97.7	-2	776.21870	II
45	9	36	−	45	10	35	−	915.15436	94.9	-3	776.49420	II
45	14	31	−	45	15	30	−	900.78156	98.3	-3	952.27432	II
45	12	33	−	44	11	34	−	1001.52391	89.2	0	778.35779	II
45	9	36	+	44	8	37	+	992.73068	97.5	1	698.65370	II
45	9	36	−	44	10	35	−	942.77331	92.9	-5	748.87505	II
45	15	30	−	44	14	31	−	1009.84747	98.7	2	883.96519	II
45	6	39	−	45	5	40	−	952.11049	93.1	4	682.10947	II
45	8	37	+	45	7	38	+	961.19348	88.6	1	706.89991	II
45	12	33	−	45	13	32	−	906.38899	97.7	1	873.49276	II
45	12	33	−	46	11	36	−	945.74074	98.9	8	834.14170	II
45	10	35	+	44	9	36	+	995.72493	97.2	1	722.09922	II
45	10	35	−	44	11	34	−	939.74555	98.7	0	778.35779	II
45	1	44	−	44	2	43	−	967.62953	76.2	-2	585.28928	II
45	12	33	+	44	13	32	+	933.95128	82.0	3	845.61310	II
45	1	44	+	44	2	43	+	967.62953	76.2	4	585.22464	II
45	9	36	−	45	8	37	−	964.91492	96.0	-1	726.73377	II
45	9	36	−	46	8	39	−	936.63865	71.6	-8	755.00936	II
45	11	34	−	44	10	35	−	998.66683	97.6	0	748.87505	II
45	15	30	+	45	16	29	+	898.04970	99.0	4	995.37011	II
45	11	34	−	45	12	33	−	909.24978	90.4	7	838.29282	II
45	10	35	−	46	11	36	−	883.96119	98.3	-4	834.14170	II
45	14	31	−	46	13	34	−	951.40579	99.7	-6	901.64971	II
45	12	33	−	46	13	34	−	878.23167	98.5	-3	901.64971	II
45	13	32	+	45	14	31	+	903.59046	87.7	7	911.13705	II
45	17	28	−	44	16	29	−	1015.23800	99.6	0	968.26379	II
45	6	39	−	46	7	40	−	899.46291	98.7	0	734.75662	II
45	8	37	−	45	9	36	−	918.31270	95.3	-4	750.03452	II
45	5	40	+	44	4	41	+	997.20891	98.3	7	626.21127	II
45	6	39	+	46	7	40	+	899.43600	98.1	-3	734.51399	II
45	16	29	−	44	15	30	−	1012.55733	99.1	2	924.74713	II
45	12	33	+	44	11	34	+	1001.49779	97.7	0	778.06631	II
45	4	41	−	46	3	44	−	951.42846	96.8	0	660.11259	II
45	8	37	−	44	9	36	−	945.99027	99.1	-6	722.35680	II
45	0	45	+	46	1	46	+	916.07520	82.0	0	613.00202	II
45	0	45	−	44	1	44	−	967.12369	65.5	2	561.97141	II
45	17	28	−	44	18	27	−	920.11739	94.7	9	1063.38533	II
45	2	43	+	44	3	42	+	968.12612	87.7	0	606.70846	II
45	17	28	+	46	16	31	+	959.54160	97.9	4	1023.50644	II
45	14	31	−	44	13	32	−	1007.10720	98.7	1	845.94902	II
45	8	37	+	46	9	38	+	890.03582	97.6	-5	778.05698	II
45	9	36	+	44	10	35	+	942.78323	96.1	9	748.60199	II
45	15	30	−	45	14	31	−	982.31422	99.3	3	911.49854	II
45	2	43	+	46	3	44	+	914.83145	84.3	-7	660.00246	II
45	8	37	+	45	9	36	+	918.31942	93.7	-2	749.77370	II
45	8	37	−	44	7	38	−	989.82012	97.4	-4	678.52720	II
45	16	29	+	45	17	28	+	895.32018	99.3	-9	1041.56065	II
45	16	29	−	45	17	28	−	895.29409	97.0	-1	1042.01002	II
45	16	29	−	44	17	28	−	922.81826	99.2	0	1014.48595	II
45	17	28	+	45	18	27	+	892.61877	98.9	-4	1090.42852	II
45	4	41	−	46	5	42	−	912.09727	97.8	-2	699.44359	II
45	6	39	+	44	7	38	+	955.65850	98.4	4	678.29219	II
45	6	39	+	45	7	38	+	927.05043	89.5	0	706.89991	II
45	15	30	−	46	16	31	−	869.88887	98.6	-4	1023.92317	II
45	11	34	+	45	12	33	+	909.26562	97.2	0	837.97917	II
45	11	34	−	46	12	35	−	881.07461	98.3	0	866.46727	II
45	17	28	−	45	16	29	−	987.71437	99.7	7	995.78811	II
45	6	39	−	45	7	38	−	927.06877	95.2	0	707.15082	II
45	15	30	+	45	14	31	+	982.28220	99.3	-1	911.13705	II
46	8	39	+	45	7	38	+	989.29135	98.1	-2	706.89991	II
46	8	39	−	47	7	40	−	931.29397	98.0	-9	765.15314	II
46	8	39	−	46	9	38	−	918.12610	88.4	-10	778.32088	II
46	8	39	+	47	7	40	+	931.30235	97.8	-7	764.88838	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
46	14	33	−	47	13	34	−	950.60334	92.0	10	930.41991	II
46	11	36	−	46	10	37	−	970.83170	88.2	-4	804.73195	II
46	4	43	−	47	3	44	−	913.61288	92.2	-5	708.72244	II
46	9	38	+	45	8	37	+	993.00675	97.7	-1	726.48305	II
46	10	37	−	47	9	38	−	938.90879	99.7	-4	807.25396	II
46	4	43	+	47	3	44	+	913.61288	92.2	1	708.56616	II
46	3	44	+	45	2	43	+	968.53600	88.0	-1	633.06714	II
46	3	44	−	45	2	43	−	968.53700	88.0	-4	633.17743	II
46	12	35	+	46	11	36	+	973.71217	98.5	-1	833.84649	II
46	11	36	−	46	12	35	−	909.09678	97.6	0	866.46727	II
46	9	38	−	47	10	37	−	886.16616	98.6	-3	833.59106	II
46	1	46	+	46	2	45	+	917.32154	97.6	-5	637.39109	II
46	10	37	+	45	9	36	+	996.10776	97.6	1	749.77370	II
46	2	45	+	46	3	44	+	919.04548	97.5	1	660.00246	II
46	9	38	+	46	8	39	+	964.73338	92.9	1	754.75661	II
46	15	32	+	46	16	31	+	897.87182	98.7	-2	1023.50644	II
46	8	39	+	45	9	36	+	946.41718	97.4	-6	749.77370	II
46	11	36	+	47	12	35	+	880.32481	98.7	-2	894.94004	II
46	12	35	−	45	11	34	−	1001.93653	97.4	2	805.94143	II
46	10	37	−	45	11	34	−	940.22195	98.8	2	805.94143	II
46	15	32	−	45	14	31	−	1010.27229	98.8	-1	911.49854	II
46	3	44	+	46	4	43	+	920.96812	97.3	-1	680.63510	II
46	11	36	+	47	10	37	+	941.95498	98.8	3	833.31027	II
46	13	34	−	47	14	33	−	874.64363	98.8	-2	968.40161	II
46	12	35	+	45	11	34	+	1001.91060	97.3	0	805.64817	II
46	6	41	−	45	7	38	−	951.13217	93.3	2	707.15082	II
46	6	41	−	46	5	42	−	958.83923	85.3	0	699.44359	II
46	12	35	+	47	13	34	+	877.47631	98.8	-6	930.08189	II
46	4	43	−	45	3	42	−	969.21704	85.2	0	653.11872	II
46	14	33	+	46	15	32	+	900.63123	98.8	-5	980.02474	II
46	4	43	+	45	3	42	+	969.21704	85.2	1	652.96197	II
46	11	36	+	46	10	37	+	970.81093	98.1	-2	804.45389	II
46	1	46	+	45	2	43	+	921.64591	93.3	0	633.06714	II
46	15	32	+	45	14	31	+	1010.24145	98.9	1	911.13705	II
46	10	37	+	46	11	36	+	912.03480	97.2	0	833.84649	II
46	6	41	−	45	5	40	−	976.17433	84.3	10	682.10947	II
46	6	41	−	47	7	40	−	893.12991	98.9	2	765.15314	II
46	6	41	−	47	5	42	−	917.56050	98.9	3	740.72259	II
46	11	36	−	45	10	35	−	999.06990	97.1	0	776.49420	II
46	9	38	−	46	8	39	−	964.74809	97.1	0	755.00936	II
46	4	43	−	46	3	44	−	962.22323	93.6	0	660.11259	II
46	9	38	+	45	10	35	+	943.27143	99.0	3	776.21870	II
46	13	34	+	47	14	33	+	874.66463	99.0	2	968.03980	II
46	1	46	+	47	0	47	+	915.35842	83.2	1	639.35474	II
46	1	46	−	47	0	47	−	915.35842	83.2	3	639.37262	II
46	8	39	−	45	9	36	−	946.41320	99.0	-3	750.03452	II
46	12	35	−	45	13	32	−	934.38567	99.0	7	873.49276	II
46	4	43	−	46	5	42	−	922.89219	82.8	0	699.44359	II
46	10	37	−	46	9	38	−	967.84208	97.0	-2	778.32088	II
46	15	32	−	46	16	31	−	897.84720	99.0	-5	1023.92317	II
46	12	35	−	46	11	36	−	973.73629	99.0	3	834.14170	II
46	15	32	−	47	16	31	−	869.10170	99.0	-4	1052.66886	II
46	14	33	+	45	15	30	+	928.76986	96.9	-10	951.88562	II
46	10	37	−	47	11	36	−	883.20448	99.0	3	862.95894	II
46	12	35	+	46	13	34	+	906.24641	96.9	2	901.31257	II
46	9	38	+	47	8	39	+	935.56913	99.1	-5	783.92026	II
46	9	38	−	46	10	37	−	915.02539	96.9	-1	804.73195	II
46	10	37	+	46	9	38	+	967.82424	96.8	-1	778.05698	II
46	6	41	+	45	7	38	+	951.15468	94.2	10	706.89991	II
46	2	45	−	47	1	46	−	914.74571	80.2	-4	664.36687	II
46	2	45	+	47	1	46	+	914.74571	80.2	0	664.30214	II
46	12	35	−	46	13	34	−	906.22795	79.9	-1	901.64971	II
46	3	44	+	47	2	45	+	914.13330	94.3	0	687.46994	II
46	9	38	−	45	8	37	−	993.02360	98.2	-1	726.73377	II
46	6	41	+	46	5	42	+	958.80561	79.8	4	699.24840	II
46	2	45	−	46	1	46	−	966.09365	99.2	5	613.01990	II
46	6	41	+	47	5	42	+	917.59186	98.2	6	740.46239	II
46	14	33	−	46	13	34	−	979.37253	99.2	0	901.64971	II
46	4	43	+	46	5	42	+	922.93105	78.8	5	699.24840	II
46	15	32	−	46	14	33	−	982.12713	99.2	2	939.64402	II
46	2	45	−	45	1	44	−	968.01689	77.6	-1	611.09600	II
46	12	35	−	47	13	34	−	877.45753	99.3	-3	930.41991	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
46	2	45	+	45	1	44	+	968.01689	77.6	4	611.03131	II
46	6	41	−	46	7	40	−	923.52660	94.7	4	734.75662	II
46	1	46	−	46	2	45	−	917.27476	77.0	-2	637.45578	II
46	16	31	+	45	15	30	+	1012.95157	99.3	0	951.88562	II
46	4	43	+	46	3	44	+	962.17630	76.6	-2	660.00246	II
46	12	35	+	45	13	32	+	934.40247	99.3	0	873.15632	II
46	3	44	−	47	2	45	−	914.13486	94.9	3	687.58023	II
46	13	34	−	46	14	33	−	903.40111	98.2	-3	939.64402	II
46	8	39	+	46	9	38	+	918.13409	96.4	-4	778.05698	II
46	8	39	−	46	7	40	−	961.69092	95.0	-5	734.75662	II
46	16	31	−	47	17	30	−	866.36868	99.4	-9	1098.88890	II
46	13	34	−	45	14	31	−	931.54717	98.2	3	911.49854	II
46	16	31	+	46	17	30	+	895.13958	99.5	-6	1069.69700	II
46	14	33	+	46	13	34	+	979.34374	95.5	-1	901.31257	II
46	14	33	−	46	15	32	−	900.60922	98.2	-2	980.41284	II
46	16	31	+	47	17	30	+	866.39350	99.5	-5	1098.44325	II
46	2	45	+	46	1	46	+	966.04548	68.1	-3	613.00202	II
46	1	46	+	45	0	45	+	967.51166	68.0	1	587.20152	II
46	13	34	+	45	12	33	+	1004.72481	98.3	-2	837.97917	II
46	15	32	+	47	16	31	+	869.12544	99.7	2	1052.25317	II
46	1	46	−	45	0	45	−	967.51166	68.0	3	587.21941	II
46	15	32	+	46	14	33	+	982.09623	98.3	3	939.28246	II
46	10	37	+	47	11	36	+	883.21959	98.3	-1	862.66165	II
46	8	39	−	47	9	38	−	889.19316	98.3	-9	807.25396	II
46	14	33	+	45	13	32	+	1007.50015	98.3	0	873.15632	II
46	14	33	+	47	15	32	+	871.88078	99.6	-8	1008.77491	II
46	11	36	+	45	10	35	+	999.04625	97.9	-1	776.21870	II
46	8	39	+	46	7	40	+	961.67696	96.2	-5	734.51399	II
46	10	37	−	46	11	36	−	912.02113	96.1	-3	834.14170	II
46	14	33	−	45	13	32	−	1007.52900	98.4	-5	873.49276	II
46	13	34	−	45	12	33	−	1004.75262	98.4	0	838.29282	II
47	14	33	+	48	15	34	+	871.09353	99.6	-9	1038.13608	II
47	5	42	+	48	6	43	+	906.62640	96.2	-4	775.05197	II
47	4	43	−	48	5	44	−	911.13724	89.8	0	757.14704	II
47	2	45	+	48	3	46	+	913.39722	95.3	-2	715.50267	II
47	1	46	+	47	2	45	+	918.31942	93.7	-5	687.46994	II
47	0	47	+	48	1	48	+	914.63859	81.9	5	666.25966	II
47	9	38	−	47	10	37	−	914.91691	96.8	-2	833.59106	II
47	12	35	−	47	11	36	−	973.52589	98.2	2	862.95894	II
47	14	33	+	47	13	34	+	979.14833	99.1	-2	930.08189	II
47	12	35	+	48	13	36	+	876.69995	99.0	1	959.46435	II
47	1	46	+	48	2	47	+	914.02434	90.1	0	691.76554	II
47	14	33	+	46	15	32	+	929.20486	99.3	-9	980.02474	II
47	13	34	−	46	12	35	−	1005.16583	98.2	2	866.46727	II
47	6	41	+	48	7	42	+	899.20506	98.9	-2	793.21354	II
47	11	36	+	48	10	39	+	941.11295	99.7	-4	862.78480	II
47	10	37	+	46	11	36	+	940.70910	99.1	-2	833.84649	II
47	15	32	−	47	16	31	−	897.66860	99.3	7	1052.66886	II
47	9	38	+	46	10	37	+	943.78264	93.3	-3	804.45389	II
47	10	37	−	46	11	36	−	940.69860	99.1	-1	834.14170	II
47	14	33	−	47	13	34	−	979.17648	99.3	-1	930.41991	II
47	6	41	+	47	5	42	+	951.95685	94.6	4	740.46239	II
47	14	33	−	48	13	36	−	949.79389	99.4	8	959.80341	II
47	14	33	+	46	13	34	+	1007.91832	98.9	4	901.31257	II
47	9	38	−	48	10	39	−	885.43930	98.7	-5	863.06840	II
47	10	37	−	47	11	36	−	911.88149	97.3	0	862.95894	II
47	2	45	−	46	3	44	−	968.89927	89.5	2	660.11259	II
47	4	43	−	47	5	42	−	927.56155	96.5	-1	740.72259	II
47	6	41	−	47	7	40	−	927.54910	95.2	2	765.15314	II
47	6	41	−	46	5	42	−	993.25897	94.0	5	699.44359	II
47	2	45	−	48	3	46	−	913.39892	95.2	1	715.61285	II
47	5	42	+	47	6	41	+	930.45307	90.1	2	751.22591	II
47	12	35	−	47	13	34	−	906.06525	93.3	5	930.41991	II
47	10	37	+	47	11	36	+	911.89397	97.3	-1	862.66165	II
47	15	32	+	46	14	33	+	1010.66269	99.5	5	939.28246	II
47	4	43	−	46	5	42	−	968.84079	95.1	1	699.44359	II
47	11	36	+	47	12	35	+	908.95813	98.3	0	894.94004	II
47	9	38	−	46	8	39	−	993.49872	97.9	-1	755.00936	II
47	9	38	+	47	8	39	+	964.31637	97.1	-2	783.92026	II
47	12	35	+	48	11	38	+	944.07091	94.6	4	892.09371	II
47	11	36	−	46	10	37	−	999.46761	97.2	2	804.73195	II
47	0	47	−	47	1	46	−	916.54909	98.5	6	664.36687	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
47	9	38	+	48	10	39	+	885.45175	98.9	-3	862.78480	II
47	9	38	+	46	8	39	+	993.48049	97.9	3	754.75661	II
47	14	33	−	48	15	34	−	871.07231	99.4	-6	1038.52362	II
47	2	45	+	46	3	44	+	968.89749	88.6	-1	660.00246	II
47	10	37	−	47	9	38	−	967.58622	87.7	-2	807.25396	II
47	9	38	+	47	10	37	+	914.92628	97.1	-3	833.31027	II
47	15	32	−	46	16	31	−	926.41331	96.5	-3	1023.92317	II
47	5	42	−	48	4	45	−	944.51755	98.8	-5	737.42574	II
47	4	43	+	48	5	44	+	911.12283	98.1	-3	756.95014	II
47	15	32	−	46	14	33	−	1010.69323	99.2	5	939.64402	II
47	5	42	−	48	6	43	−	906.66153	96.9	0	775.28225	II
47	2	45	+	47	3	44	+	920.33367	97.1	-2	708.56616	II
47	6	41	+	46	5	42	+	993.16987	98.1	-6	699.24840	II
47	10	37	+	46	9	38	+	996.49894	97.9	2	778.05698	II
47	11	36	−	48	10	39	−	941.13111	96.3	2	863.06840	II
47	12	35	+	46	11	36	+	1002.31819	98.8	5	833.84649	II
47	5	42	+	46	6	41	+	965.07882	98.4	8	716.60077	II
47	0	47	−	48	1	48	−	914.63859	81.9	7	666.27752	II
47	13	34	−	47	12	35	−	976.37669	99.0	3	895.25650	II
47	4	43	+	46	5	42	+	968.82494	94.4	0	699.24840	II
47	6	41	−	48	7	42	−	899.23896	96.5	5	793.46360	II
47	6	41	−	48	5	44	−	935.55472	97.5	-3	757.14704	II
47	1	46	−	48	2	47	−	914.02434	90.1	-2	691.83026	II
47	4	43	+	47	5	42	+	927.61035	97.1	-6	740.46239	II
47	11	36	−	48	12	37	−	879.53813	99.2	-5	924.66064	II
47	15	32	−	48	14	35	−	952.56569	97.3	2	997.77130	II
47	15	32	−	47	14	33	−	981.93558	98.9	4	968.40161	II
47	6	41	−	47	5	42	−	951.98025	94.1	8	740.72259	II
47	12	35	−	46	11	36	−	1002.34338	98.0	4	834.14170	II
47	10	37	+	47	9	38	+	967.56933	97.8	0	806.98641	II
47	14	33	−	46	15	32	−	929.18443	96.6	7	980.41284	II
47	5	42	+	47	4	43	+	954.90216	96.5	5	726.77704	II
47	12	35	+	47	13	34	+	906.08246	98.0	1	930.08189	II
47	1	46	−	46	2	45	−	968.39894	78.9	-1	637.45578	II
47	11	36	+	46	10	37	+	999.44439	97.8	2	804.45389	II
47	1	46	+	46	2	45	+	968.39894	78.9	2	637.39109	II
47	10	37	−	46	9	38	−	996.51976	98.3	2	778.32088	II
47	0	47	+	46	1	46	+	967.89614	70.1	5	613.00202	II
47	10	37	+	48	11	38	+	882.46187	99.2	-2	892.09371	II
47	5	42	−	47	6	41	−	930.43901	94.2	-4	751.50434	II
47	2	45	−	47	3	44	−	920.28930	97.4	0	708.72244	II
47	14	33	−	47	15	32	−	900.43359	98.6	-3	1009.16263	II
47	10	37	−	48	11	38	−	882.44655	99.4	-6	892.39322	II
47	14	33	−	46	13	34	−	1007.94633	99.2	-5	901.64971	II
47	15	32	+	47	16	31	+	897.69157	99.1	1	1052.25317	II
47	0	47	−	46	1	46	−	967.89614	70.1	7	613.01990	II
47	15	32	+	47	14	33	+	981.90541	99.6	6	968.03980	II
47	12	35	−	48	13	36	−	876.68064	99.3	-6	959.80341	II
48	4	45	+	47	3	44	+	969.90154	91.1	5	708.56616	II
48	3	46	+	49	2	47	+	912.68305	95.5	-1	744.07575	II
48	4	45	−	47	3	44	−	969.90154	91.1	-4	708.72244	II
48	6	43	−	48	7	42	−	922.91616	93.9	1	793.46360	II
48	14	35	−	47	15	32	−	929.61653	78.7	2	1009.16263	II
48	2	47	−	49	1	48	−	913.30038	91.9	1	719.84497	II
48	4	45	−	49	3	46	−	912.11675	95.7	-8	766.50676	II
48	9	40	+	47	8	39	+	993.65454	98.6	-1	783.92026	II
48	3	46	+	47	4	43	+	929.98259	99.6	8	726.77704	II
48	12	37	−	48	13	36	−	905.89906	99.0	-1	959.80341	II
48	2	47	+	48	3	46	+	917.57779	98.1	3	715.50267	II
48	11	38	+	48	10	39	+	970.35909	98.0	-3	862.78480	II
48	8	41	+	49	9	40	+	887.72994	97.6	-5	866.70375	II
48	11	38	+	49	10	39	+	940.26097	99.6	-1	892.88312	II
48	8	41	+	47	7	40	+	989.54489	96.5	-9	764.88838	II
48	1	48	−	48	2	47	−	915.81737	98.7	-9	691.83026	II
48	4	45	−	49	5	44	−	877.06335	98.9	-11	801.55990	II
48	14	35	+	49	15	34	+	870.30349	99.3	-8	1068.10819	II
48	12	37	+	48	11	38	+	973.28676	98.4	0	892.09371	II
48	8	41	−	48	7	42	−	961.23408	96.9	-7	793.46360	II
48	6	43	+	48	5	44	+	959.19549	94.6	0	756.95014	II
48	14	35	+	48	15	34	+	900.27612	98.5	-3	1038.13608	II
48	12	37	−	49	13	36	−	875.90334	99.4	10	989.80024	II
48	8	41	+	48	9	40	+	917.92367	76.2	-6	836.50988	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
48	14	35	−	48	15	34	−	900.25509	95.3	-3	1038.52362	II
48	3	46	−	47	2	45	−	969.28968	72.9	-5	687.58023	II
48	12	37	−	47	11	36	−	1002.74395	98.9	3	862.95894	II
48	14	35	+	48	13	36	+	978.94829	99.4	2	959.46435	II
48	3	46	+	48	2	47	+	964.99329	97.5	0	691.76554	II
48	10	39	−	49	11	38	−	881.68672	98.7	-2	922.44506	II
48	1	48	−	47	0	47	−	968.27549	71.6	-4	639.37262	II
48	4	45	−	48	5	44	−	921.47699	96.8	-3	757.14704	II
48	14	35	−	49	15	34	−	870.28328	97.1	0	1068.49573	II
48	6	43	+	47	7	40	+	951.25750	99.1	3	764.88838	II
48	11	38	+	47	10	37	+	999.83394	98.7	0	833.31027	II
48	6	43	−	47	7	40	−	951.22687	99.1	4	765.15314	II
48	3	46	+	47	2	45	+	969.28968	72.9	7	687.46994	II
48	10	39	+	48	11	38	+	911.75058	97.5	-2	892.09371	II
48	1	48	+	49	0	49	+	913.91371	87.4	-7	693.71647	II
48	12	37	+	47	11	36	+	1002.71921	98.6	4	862.66165	II
48	9	40	+	48	8	41	+	964.20741	96.3	2	813.36765	II
48	2	47	−	47	1	46	−	968.77856	80.9	1	664.36687	II
48	2	47	+	47	1	46	+	968.77856	80.9	6	664.30214	II
48	2	47	−	48	3	46	−	917.53268	97.3	2	715.61285	II
48	2	47	+	48	1	48	+	966.82027	99.1	-2	666.25966	II
48	10	39	−	47	11	36	−	941.17391	98.9	9	862.95894	II
48	6	43	+	47	5	42	+	975.68396	98.2	7	740.46239	II
48	11	38	−	49	12	37	−	878.76776	99.4	-1	954.67982	II
48	10	39	+	49	11	38	+	881.70034	98.8	-10	922.14320	II
48	4	45	+	48	5	44	+	921.51678	94.2	-3	756.95014	II
48	14	35	−	47	13	34	−	1008.35951	92.8	4	930.41991	II
48	11	38	−	48	10	39	−	970.37924	98.5	-1	863.06840	II
48	6	43	−	49	5	44	−	914.81960	92.3	-1	801.55990	II
48	8	41	−	47	7	40	−	989.54489	96.5	-3	765.15314	II
48	4	45	−	48	3	46	−	963.01196	98.3	5	715.61285	II
48	10	39	−	48	9	40	−	967.35111	98.3	-3	836.78059	II
48	1	48	+	47	0	47	+	968.27549	71.6	-7	639.35474	II
48	10	39	+	49	9	40	+	937.14019	99.6	-6	866.70375	II
48	11	38	+	49	12	37	+	878.78418	99.4	-1	954.35997	II
48	10	39	+	48	9	40	+	967.33513	85.4	5	836.50988	II
48	9	40	−	47	8	39	−	993.66946	97.8	0	784.18001	II
48	10	39	−	48	11	38	−	911.73805	94.3	-7	892.39322	II
48	11	38	+	48	12	37	+	908.80094	91.8	-7	924.34255	II
48	1	48	−	49	0	49	−	913.91371	87.4	-5	693.73433	II
48	9	40	−	48	10	39	−	914.78153	86.1	4	863.06840	II
48	8	41	−	49	9	40	−	887.71929	98.8	-4	866.97865	II
48	12	37	+	49	13	36	+	875.92007	99.0	-4	989.45999	II
48	10	39	+	47	9	38	+	996.85844	98.9	3	806.98641	II
48	1	48	+	48	2	47	+	915.86459	96.2	-8	691.76554	II
48	8	41	−	48	9	40	−	917.91727	97.0	-5	836.78059	II
48	10	39	−	47	9	38	−	996.87817	98.3	1	807.25396	II
48	9	40	−	49	10	39	−	884.67871	99.0	-11	893.16972	II
48	9	40	+	47	10	37	+	944.26450	95.7	-1	833.31027	II
48	14	35	+	47	13	34	+	1008.33063	99.0	0	930.08189	II
48	2	47	+	49	1	48	+	913.30038	91.9	5	719.78023	II
48	8	41	−	47	9	38	−	947.44377	95.3	-6	807.25396	II
48	8	41	+	47	9	38	+	947.44684	99.2	-9	806.98641	II
48	3	46	−	49	4	45	−	870.70104	98.3	-7	786.16865	II
48	11	38	−	48	12	37	−	908.78787	95.4	8	924.66064	II
48	9	40	+	48	10	39	+	914.79015	97.2	1	862.78480	II
48	11	38	−	47	10	37	−	999.85684	98.3	2	833.59106	II
48	6	43	+	49	5	44	+	914.84664	99.4	-2	801.29877	II
48	10	39	−	49	9	40	−	937.15407	98.8	7	866.97865	II
48	4	45	+	49	3	46	+	912.11675	95.7	3	766.35080	II
48	14	35	−	48	13	36	−	978.97497	99.2	-6	959.80341	II
49	9	40	+	49	10	39	+	914.69471	95.8	-1	892.88312	II
49	0	49	−	48	1	48	−	968.65259	73.9	0	666.27752	II
49	0	49	+	48	1	48	+	968.65259	73.9	-2	666.25966	II
49	6	43	+	49	5	44	+	952.18718	96.0	10	801.29877	II
49	12	37	+	50	13	38	+	875.13932	99.4	5	1020.06886	II
49	11	38	−	49	10	39	−	970.13901	92.1	-10	893.16972	II
49	10	39	+	48	9	40	+	997.24342	98.2	3	836.50988	II
49	12	37	+	49	13	36	+	905.74859	89.1	9	989.45999	II
49	9	40	+	49	8	41	+	963.65456	97.1	1	843.92345	II
49	12	37	+	48	13	36	+	935.74313	99.7	-2	959.46435	II
49	10	39	−	48	11	38	−	941.65033	98.2	0	892.39322	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
49	11	38	−	49	12	37	−	908.62987	98.1	0	954.67982	II
49	9	40	−	50	10	41	−	883.96814	99.0	-10	923.88761	II
49	8	41	−	50	9	42	−	887.32634	98.5	4	897.73987	II
49	1	48	−	48	2	47	−	969.15374	83.3	5	691.83026	II
49	1	48	+	48	2	47	+	969.15374	83.3	9	691.76554	II
49	2	47	−	50	3	48	−	911.94849	95.3	5	773.31772	II
49	8	41	+	49	7	42	+	959.20350	97.3	-10	825.58736	II
49	2	47	+	49	3	46	+	918.80435	97.3	9	766.35080	II
49	0	49	−	49	1	48	−	915.08580	94.1	7	719.84497	II
49	2	47	−	49	3	46	−	918.75880	97.9	-2	766.50676	II
49	10	39	−	49	9	40	−	967.06476	97.9	-1	866.97865	II
49	5	44	+	48	6	43	+	967.10243	97.9	0	775.05197	II
49	10	39	+	49	9	40	+	967.04901	98.3	-2	866.70375	II
49	12	37	−	48	11	38	−	1003.13898	99.1	5	892.39322	II
49	12	37	−	49	11	38	−	973.08622	97.7	-4	922.44506	II
49	10	39	+	50	11	40	+	880.94325	98.5	2	952.80995	II
49	8	41	+	48	9	40	+	948.28177	98.8	-2	836.50988	II
49	4	45	+	48	5	44	+	969.95582	90.3	-3	756.95014	II
49	10	39	+	48	11	38	+	941.65939	98.3	1	892.09371	II
49	4	45	−	49	3	46	−	960.60885	96.0	5	766.50676	II
49	11	38	+	48	12	37	+	938.66230	93.8	10	924.34255	II
49	6	43	−	48	5	44	−	996.63285	93.2	0	757.14704	II
49	4	45	−	50	5	46	−	910.02387	98.6	-1	817.09122	II
49	8	41	−	48	9	40	−	948.28524	99.2	0	836.78059	II
49	8	41	−	48	7	42	−	991.60202	98.7	-2	793.46360	II
49	9	40	−	49	8	41	−	963.66442	91.1	10	844.19333	II
49	11	38	−	50	12	39	−	877.99464	99.2	-9	985.31416	II
49	2	47	+	48	3	46	+	969.65184	85.6	3	715.50267	II
49	4	45	−	48	5	44	−	969.96824	95.9	1	757.14704	II
49	10	39	−	49	11	38	−	911.59813	98.0	-3	922.44506	II
49	5	44	+	50	6	45	+	906.30789	98.8	-4	835.84608	II
49	5	44	−	48	4	45	−	1004.99526	99.2	7	737.42574	II
49	8	41	−	49	9	40	−	918.08740	96.1	3	866.97865	II
49	11	38	+	50	12	39	+	878.01089	99.2	-5	984.99241	II
49	10	39	−	48	9	40	−	997.26304	98.6	1	836.78059	II
49	10	39	+	50	9	42	+	936.29083	78.3	-2	897.46189	II
49	1	48	+	50	2	49	+	912.57233	92.6	7	748.34673	II
49	9	40	−	48	8	41	−	994.22966	98.7	3	813.62739	II
49	12	37	+	49	11	38	+	973.06472	98.5	2	922.14320	II
49	12	37	−	49	13	36	−	905.73119	96.6	-2	989.80024	II
49	9	40	−	48	10	39	−	944.78862	98.7	3	863.06840	II
49	9	40	+	48	10	39	+	944.79284	99.3	-2	862.78480	II
49	8	41	+	48	7	42	+	991.57831	98.7	0	793.21354	II
49	10	39	−	50	11	40	−	880.92861	98.6	-6	953.11428	II
49	4	45	+	49	3	46	+	960.55530	77.0	-2	766.35080	II
49	1	48	−	50	2	49	−	912.57233	92.6	2	748.41143	II
49	8	41	+	49	9	40	+	918.08740	96.1	-7	866.70375	II
49	6	43	+	49	7	42	+	927.89841	95.9	8	825.58736	II
49	6	43	−	50	7	44	−	899.15136	92.2	-2	854.62834	II
49	11	38	+	48	10	39	+	1000.21920	98.6	2	862.78480	II
49	11	38	+	49	12	37	+	908.64405	98.1	2	954.35997	II
49	12	37	+	50	11	40	+	942.39869	98.0	9	952.80995	II
49	12	37	−	50	11	40	−	942.41698	99.4	-4	953.11428	II
49	11	38	−	48	10	39	−	1000.24150	98.7	2	863.06840	II
49	0	49	+	50	1	50	+	913.18827	72.4	10	721.72515	II
49	5	44	−	48	6	43	−	967.13828	98.7	2	775.28225	II
49	2	47	−	50	1	50	−	963.52305	92.7	3	721.74301	II
49	12	37	+	48	11	38	+	1003.11433	98.7	3	892.09371	II
50	4	47	+	50	3	48	+	963.74034	98.9	0	773.20755	II
50	4	47	+	51	5	46	+	872.66551	99.2	6	864.28297	II
50	10	41	−	50	11	40	−	911.45403	96.7	5	953.11428	II
50	11	40	−	51	12	39	−	877.22103	99.7	-4	1016.56380	II
50	3	48	+	50	2	49	+	965.75809	97.3	-1	748.34673	II
50	3	48	−	50	4	47	−	917.94845	97.9	3	796.26815	II
50	8	43	−	49	7	42	−	989.57227	82.8	3	825.86731	II
50	8	43	+	49	7	42	+	989.57811	99.0	-8	825.58736	II
50	6	45	−	49	5	44	−	975.24631	94.8	11	801.55990	II
50	1	50	−	50	2	49	−	914.34826	98.9	-2	748.41143	II
50	12	39	−	49	11	38	−	1003.52759	99.1	7	922.44506	II
50	9	42	−	50	8	43	−	963.67349	98.3	-3	874.75144	II
50	11	40	+	49	10	39	+	1000.59382	97.7	1	892.88312	II
50	10	41	−	49	9	40	−	997.58944	98.5	2	866.97865	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
50	6	45	−	50	7	44	−	922.17695	97.4	2	854.62834	II
50	6	45	+	51	5	46	+	912.28315	99.5	-10	864.28297	II
50	12	39	−	50	13	38	−	905.56204	98.3	5	1020.41044	II
50	1	50	+	51	0	51	+	912.45672	89.0	-2	750.28540	II
50	11	40	+	50	10	41	+	969.87858	98.2	-2	923.59799	II
50	11	40	+	49	12	37	+	939.11792	97.0	11	954.35997	II
50	8	43	−	49	9	40	−	948.46107	96.4	5	866.97865	II
50	12	39	+	50	11	40	+	972.83587	93.3	-3	952.80995	II
50	5	46	−	51	4	47	−	910.39673	98.8	1	847.47046	II
50	4	47	−	50	5	46	−	920.01353	97.7	-3	817.09122	II
50	9	42	−	50	10	41	−	914.53754	97.3	-1	923.88761	II
50	10	41	−	50	9	42	−	966.82850	94.1	5	897.73987	II
50	3	48	−	49	2	47	−	970.03102	90.0	7	744.18603	II
50	11	40	+	51	12	39	+	877.23740	99.7	6	1016.24003	II
50	10	41	−	51	11	40	−	880.16570	99.4	-3	984.40183	II
50	10	41	−	51	9	42	−	935.34905	99.3	-5	929.21824	II
50	9	42	−	49	8	41	−	994.23230	98.9	4	844.19333	II
50	4	47	−	51	3	48	−	910.62793	97.5	4	826.47758	II
50	3	48	+	51	2	49	+	911.22068	96.4	0	802.88418	II
50	12	39	+	49	11	38	+	1003.50334	98.9	5	922.14320	II
50	9	42	+	49	8	41	+	994.21971	98.8	-1	843.92345	II
50	11	40	−	50	10	41	−	969.89742	98.7	-2	923.88761	II
50	1	50	−	51	0	51	−	912.45672	89.0	0	750.30324	II
50	5	46	−	49	4	45	−	971.69899	96.0	6	786.16865	II
50	8	43	+	50	7	44	+	960.79456	97.8	-5	854.37127	II
50	9	42	−	49	10	39	−	945.25589	98.7	4	893.16972	II
50	3	48	−	49	4	45	−	928.04846	84.4	8	786.16865	II
50	11	40	−	49	10	39	−	1000.61577	98.7	3	893.16972	II
50	3	48	−	51	2	49	−	911.22259	96.4	6	802.99437	II
50	8	43	+	50	9	42	+	917.70364	97.0	-8	897.46189	II
50	4	47	+	51	3	48	+	910.62580	96.6	-2	826.32190	II
50	3	48	+	50	4	47	+	917.99215	96.1	3	796.11309	II
50	6	45	+	51	7	44	+	887.54588	99.7	-6	889.02060	II
50	1	50	+	50	2	49	+	914.39473	98.7	-8	748.34673	II
50	9	42	+	51	10	41	+	883.20106	99.3	-10	954.94121	II
50	8	43	−	51	7	44	−	926.12321	99.5	4	889.31646	II
50	9	42	+	50	8	43	+	963.66010	98.2	-7	874.48249	II
50	5	46	+	51	6	45	+	881.02328	99.5	-4	876.64223	II
50	1	50	+	49	0	49	+	969.02560	77.2	-2	693.71647	II
50	1	50	−	49	0	49	−	969.02560	77.2	0	693.73433	II
50	10	41	−	49	11	38	−	942.12323	98.6	4	922.44506	II
50	12	39	+	50	13	38	+	905.57691	97.6	-3	1020.06886	II
50	5	46	−	50	4	47	−	961.59973	90.7	8	796.26815	II
50	9	42	+	50	10	41	+	914.54577	94.6	5	923.59799	II
50	5	46	+	51	4	47	+	910.39923	97.5	0	847.26665	II
50	11	40	+	50	12	39	+	908.48450	98.3	1	984.99241	II
51	2	49	−	50	3	48	−	970.39131	92.8	10	773.31772	II
51	12	39	+	50	13	38	+	936.62753	99.0	7	1020.06886	II
51	4	47	−	52	5	48	−	908.78787	95.4	-4	879.26031	II
51	1	50	+	52	2	51	+	911.10473	94.0	-9	807.13336	II
51	12	39	−	50	11	40	−	1003.91046	97.2	11	953.11428	II
51	12	39	+	52	11	42	+	940.69860	99.1	2	1015.99732	II
51	5	46	+	50	6	45	+	968.92015	93.2	-6	835.84608	II
51	5	46	+	52	6	47	+	905.81377	97.3	-8	898.95227	II
51	5	46	−	52	6	47	−	905.84316	99.2	10	899.18957	II
51	0	51	+	50	1	50	+	969.39485	79.6	-2	721.72515	II
51	0	51	−	50	1	50	−	969.39485	79.6	0	721.74301	II
51	12	39	−	51	11	40	−	972.62205	98.8	2	984.40183	II
51	0	51	+	51	1	50	+	913.65546	99.2	-4	777.46437	II
51	9	42	−	52	8	45	−	931.32797	98.7	2	938.37616	II
51	4	47	+	51	3	48	+	961.51987	98.7	3	826.32190	II
51	2	49	+	51	3	48	+	917.27476	77.0	0	826.32190	II
51	2	49	+	51	3	48	+	917.27476	77.0	0	826.32190	II
51	1	50	+	50	2	49	+	969.89134	86.3	-9	748.34673	II
51	4	47	+	52	5	48	+	908.77937	94.9	-6	879.06148	II
51	3	48	−	50	4	47	−	970.85968	94.9	5	796.26815	II
51	4	47	−	50	5	46	−	970.95772	96.4	3	817.09122	II
51	12	39	+	50	11	40	+	1003.88625	99.6	5	952.80995	II
51	5	46	−	50	6	45	−	968.95252	97.5	11	836.08027	II
51	4	47	−	51	3	48	−	961.57212	98.1	11	826.47758	II
51	5	46	+	52	4	49	+	947.60812	99.6	-8	857.15793	II
51	2	49	−	51	3	48	−	917.23102	98.6	5	826.47758	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
51	12	39	+	51	13	38	+	905.40469	98.6	0	1051.29101	II
51	2	49	+	50	3	48	+	970.38973	92.6	6	773.20755	II
51	0	51	−	52	1	52	−	911.72297	90.6	2	779.41501	II
51	2	49	+	50	3	48	+	970.38973	92.6	6	773.20755	II
51	4	47	+	51	5	46	+	923.55787	98.0	-7	864.28297	II
51	3	48	−	52	4	49	−	909.81420	97.8	-2	857.31300	II
51	0	51	+	52	1	52	+	911.72297	90.6	0	779.39718	II
51	3	48	−	52	2	51	−	959.93013	97.6	7	807.19795	II
51	1	50	+	51	0	51	+	967.95306	98.9	-5	750.28540	II
51	9	42	−	50	10	41	−	945.81698	93.5	6	923.88761	II
51	9	42	−	52	10	43	−	882.51032	99.0	-7	987.19292	II
52	6	47	−	53	5	48	−	909.90831	83.9	-3	929.61985	II
52	1	52	+	53	0	53	+	910.98574	92.6	-1	809.06017	II
52	1	52	+	52	2	51	+	912.91239	99.4	-3	807.13336	II
52	8	45	+	51	7	44	+	989.36319	99.7	-6	889.02060	II
52	4	49	+	52	3	50	+	964.50178	98.3	6	833.11572	II
52	1	52	−	51	2	49	−	917.07009	99.3	9	802.99437	II
52	5	48	+	52	4	49	+	962.29745	92.7	7	857.15793	II
52	2	51	−	51	1	50	−	970.25602	87.1	-7	777.52905	II
52	8	45	−	52	7	46	−	960.43870	98.1	-8	918.22612	II
52	12	41	−	53	11	42	−	939.85483	92.8	-5	1048.83143	II
52	12	41	+	51	11	40	+	1004.26232	99.4	5	984.09491	II
52	4	49	−	52	5	48	−	918.51322	98.1	-5	879.26031	II
52	2	51	+	52	3	50	+	914.60406	98.5	-11	833.11572	II
52	6	47	+	52	5	48	+	960.22569	94.9	-1	879.06148	II
52	4	49	−	52	3	50	−	964.54764	95.5	-6	833.22577	II
52	8	45	+	52	7	46	+	960.42115	97.7	-7	917.96264	II
52	9	44	+	52	10	43	+	914.30104	98.2	-4	986.89681	II
52	6	47	+	51	5	46	+	975.00467	98.1	3	864.28297	II
52	1	52	−	53	0	53	−	910.98574	92.6	1	809.07797	II
52	9	44	−	51	8	43	−	994.68431	98.9	2	906.80397	II
52	1	52	+	51	0	51	+	969.76040	81.7	-2	750.28540	II
52	8	45	+	53	9	44	+	884.69062	99.3	-1	993.69374	II
52	1	52	−	51	0	51	−	969.76040	81.7	0	750.30324	II
52	6	47	+	52	7	46	+	921.32469	97.1	0	917.96264	II
52	12	41	−	52	11	42	−	972.37951	94.9	-4	1016.30693	II
52	2	51	+	53	3	50	+	859.23710	99.6	-7	888.48307	II
52	9	44	+	52	8	45	+	963.09850	98.2	-5	938.09918	II
52	12	41	−	53	13	40	−	872.76405	99.3	-11	1115.92165	II
52	12	41	−	52	13	40	−	905.21545	98.2	-2	1083.47111	II
52	9	44	−	52	8	45	−	963.11164	98.5	-2	938.37616	II
52	4	49	−	51	3	48	−	971.29535	95.5	-11	826.47758	II
52	4	49	+	51	3	48	+	971.29535	95.5	3	826.32190	II
52	6	47	−	52	7	46	−	921.30215	97.7	-2	918.22612	II
52	8	45	+	52	9	44	+	917.46717	97.4	-10	960.91630	II
52	5	48	−	53	4	49	−	908.74938	96.2	2	910.90744	II
52	6	47	−	51	5	46	−	974.98481	78.7	-6	864.54303	II
52	5	48	+	53	4	49	+	908.74938	96.2	-4	910.70491	II
52	12	41	−	51	13	38	−	937.05244	99.1	-3	1051.63405	II
52	2	51	+	53	1	52	+	910.36761	95.8	0	837.35324	II
52	2	51	−	53	1	52	−	910.36761	95.8	-4	837.41776	II
52	12	41	+	52	13	40	+	905.23050	98.5	3	1083.12647	II
52	5	48	−	52	4	49	−	962.34451	98.6	9	857.31300	II
52	4	49	+	53	3	50	+	909.13384	97.6	0	888.48307	II
52	2	51	+	51	1	50	+	970.25602	87.1	-4	777.46437	II
52	4	49	+	51	5	46	+	933.33436	92.5	4	864.28297	II
52	1	52	−	52	2	51	−	912.86476	98.8	-9	807.19795	II
53	9	44	−	52	10	43	−	946.87016	97.8	8	987.19292	II
53	0	53	−	54	1	54	−	910.24511	92.6	1	839.29212	II
53	9	44	+	52	8	45	+	995.66830	99.1	11	938.09918	II
53	1	52	−	52	2	51	−	970.61656	87.6	-4	807.19795	II
53	1	52	−	54	2	53	−	909.62582	95.2	-6	868.18843	II
53	4	49	+	54	5	50	+	907.45298	98.6	-6	943.44303	II
53	0	53	+	52	1	52	+	970.12218	83.5	-2	779.39718	II
53	1	52	+	54	2	53	+	909.62582	95.2	-2	868.12405	II
53	4	49	+	52	5	48	+	971.83521	96.9	1	879.06148	II
53	9	44	+	53	8	45	+	962.01153	93.7	1	971.75503	II
53	4	49	−	52	5	48	−	971.84258	97.0	6	879.26031	II
53	1	52	+	52	2	51	+	970.61656	87.6	-1	807.13336	II
53	0	53	+	54	1	54	+	910.24511	92.6	-1	839.27435	II
53	0	53	−	52	1	52	−	970.12218	83.5	1	779.41501	II
53	6	47	+	53	7	46	+	927.86906	95.5	-2	955.18374	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
53	6	47	−	53	7	46	−	927.86906	95.5	-4	955.49528	II
53	12	41	−	53	13	40	−	905.03917	98.8	-8	1115.92165	II
53	6	47	+	54	7	48	+	899.09395	99.4	1	983.95910	II
53	9	44	+	52	10	43	+	946.87016	97.8	5	986.89681	II
53	4	49	−	54	5	50	−	907.46030	96.3	2	943.64220	II
53	0	53	+	53	1	52	+	912.16517	95.0	-11	837.35324	II
53	1	52	+	53	2	51	+	913.85523	97.9	-4	863.89442	II
53	12	41	−	53	11	42	−	972.13009	99.4	-1	1048.83143	II
53	12	41	−	52	13	40	−	937.49030	95.2	-2	1083.47111	II
53	6	47	+	52	7	46	+	965.09013	84.4	-2	917.96264	II
53	6	47	−	54	7	48	−	899.13642	99.1	0	984.22824	II
53	1	52	−	53	2	51	−	913.80945	97.1	-10	864.00442	II
53	4	49	−	53	5	48	−	921.48347	99.0	10	929.61985	II
54	2	53	−	53	3	50	−	919.75194	87.5	-9	888.63844	II
54	4	51	+	54	3	52	+	965.24652	92.9	8	895.22578	II
54	1	54	+	55	0	55	+	909.50118	93.1	-1	870.03937	II
54	4	51	−	54	5	50	−	916.98650	97.0	3	943.64220	II
54	2	53	+	54	1	54	+	969.05133	99.3	-9	839.27435	II
54	4	51	+	53	5	48	+	931.11024	99.2	9	929.36213	II
54	2	53	−	53	1	52	−	970.97310	90.1	-4	837.41776	II
54	9	46	−	53	8	45	−	994.99072	99.1	1	972.04924	II
54	2	53	+	53	3	50	+	919.84360	98.7	1	888.48307	II
54	1	54	+	53	0	53	+	970.48016	71.0	-3	809.06017	II
54	9	46	+	53	10	43	+	947.25352	98.0	7	1019.48913	II
54	1	54	−	55	0	55	−	909.50118	93.1	1	870.05710	II
54	4	51	−	53	3	50	−	971.99013	93.5	2	888.63844	II
54	9	46	+	54	8	47	+	962.53463	99.0	-7	1004.20668	II
54	9	46	−	55	8	47	−	927.06877	95.2	-3	1039.97075	II
54	2	53	+	53	1	52	+	970.97310	90.1	-2	837.35324	II
54	2	53	−	54	3	52	−	913.05478	98.4	-9	895.33559	II
54	1	54	+	53	2	51	+	915.64589	97.4	-3	863.89442	II
54	1	54	+	54	2	53	+	911.41604	99.5	-5	868.12405	II
54	9	46	+	53	8	45	+	994.98691	99.4	0	971.75503	II
54	1	54	−	55	2	53	−	852.34263	99.0	-4	927.21511	II
54	9	46	−	54	10	45	−	914.05162	97.5	-6	1052.98764	II
54	2	53	−	55	1	54	−	908.88137	96.1	-2	899.50969	II
54	2	53	+	55	1	54	+	908.88137	96.1	2	899.44544	II
54	1	54	−	53	0	53	−	970.48016	71.0	0	809.07797	II
55	0	55	+	55	1	54	+	910.66259	96.8	-10	899.44544	II
55	0	55	+	54	1	54	+	970.83454	85.7	-1	839.27435	II
55	1	54	+	56	2	55	+	908.13275	96.4	0	931.31735	II
55	0	55	−	55	1	54	−	910.61631	98.1	-6	899.50969	II
55	1	54	+	55	2	53	+	912.34358	98.8	-11	927.10544	II
55	0	55	−	56	1	56	−	908.75382	89.3	2	901.37290	II
55	1	54	−	55	2	53	−	912.29943	92.2	-2	927.21511	II
55	0	55	−	54	1	54	−	970.83454	85.7	1	839.29212	II
55	1	54	−	54	2	53	−	971.32589	90.7	-4	868.18843	II
55	1	54	+	54	2	53	+	971.32589	90.7	-2	868.12405	II
55	0	55	+	56	1	56	+	908.75382	89.3	0	901.35523	II
55	1	54	−	56	2	55	−	908.13275	96.4	-6	931.38140	II
56	1	56	−	57	0	57	−	908.00319	95.4	2	933.23914	II
56	1	56	+	56	2	55	+	909.90831	83.9	10	931.31735	II
56	2	55	−	55	1	54	−	971.67509	91.9	-2	899.50969	II
56	2	55	+	57	3	54	+	851.73760	99.5	-10	1019.38202	II
56	2	55	+	57	1	56	+	907.38086	96.4	-3	963.73950	II
56	1	56	+	55	0	55	+	971.18622	82.3	9	870.03937	II
56	2	55	−	57	1	56	−	907.38086	96.4	-8	963.80335	II
56	2	55	+	55	1	54	+	971.67509	91.9	-1	899.44544	II
56	1	56	+	55	2	53	+	914.12023	97.5	10	927.10544	II
56	1	56	+	57	0	57	+	908.00319	95.4	1	933.22153	II
56	2	55	+	56	3	54	+	911.58457	99.3	3	959.53635	II
57	1	56	−	57	2	55	−	910.77646	92.4	-4	992.62516	II
57	1	56	+	58	2	57	+	906.62640	96.2	4	996.71177	II
57	0	57	+	56	1	56	+	971.53191	89.3	-1	901.35523	II
57	1	56	−	58	2	57	−	906.62640	96.2	-3	996.77534	II
57	0	57	−	56	1	56	−	971.53191	89.3	1	901.37290	II
57	1	56	−	56	2	55	−	972.02030	93.0	-3	931.38140	II
57	0	57	−	58	1	58	−	907.24897	95.6	1	965.65582	II
57	1	56	+	56	2	55	+	972.02030	93.0	-2	931.31735	II
57	0	57	+	58	1	58	+	907.24897	95.6	0	965.63830	II
57	1	56	+	57	2	55	+	910.82097	99.2	-8	992.51600	II
58	1	58	−	57	0	57	−	971.87502	89.5	1	933.23914	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
58	1	58	−	58	2	57	−	908.33839	99.3	-3	996.77534	II
58	2	57	+	57	1	56	+	972.36217	93.4	1	963.73950	II
58	2	57	−	57	3	54	−	916.62948	98.8	4	1019.53638	II
58	2	57	−	59	1	58	−	905.86772	96.8	-6	1030.29717	II
58	2	57	−	57	1	56	−	972.36217	93.4	1	963.80335	II
58	1	58	+	57	0	57	+	971.87502	89.5	-1	933.22153	II
58	2	57	+	59	1	58	+	905.86772	96.8	1	1030.23388	II
58	1	58	+	59	0	59	+	906.49120	90.3	-4	998.60511	II
58	1	58	−	57	2	55	−	912.48816	79.7	-7	992.62516	II
58	1	58	−	59	0	59	−	906.49120	90.3	-3	998.62255	II
59	1	58	−	58	2	57	−	972.69982	94.8	0	996.77534	II
59	0	59	+	60	1	60	+	905.73119	96.6	5	1032.12199	II
59	1	58	−	60	2	59	−	905.10671	94.5	2	1064.36864	II
59	1	58	+	58	2	57	+	972.69982	94.8	1	996.71177	II
59	0	59	+	58	1	58	+	972.21398	84.7	-4	965.63830	II
59	1	58	+	60	2	59	+	905.10671	94.5	9	1064.30570	II
59	0	59	−	58	1	58	−	972.21398	84.7	-2	965.65582	II
59	0	59	−	60	1	60	−	905.73119	96.6	5	1032.13933	II
60	2	59	+	59	1	58	+	973.03384	95.5	1	1030.23388	II
60	1	60	−	61	0	61	−	904.96657	96.3	0	1066.20574	II
60	2	59	−	60	1	60	−	971.19204	76.8	4	1032.13933	II
60	1	60	+	61	0	61	+	904.96657	96.3	0	1066.18851	II
60	2	59	+	61	1	60	+	904.34031	96.6	-4	1098.92696	II
60	2	59	−	59	1	58	−	973.03384	95.5	0	1030.29717	II
60	1	60	+	60	2	59	+	906.84959	99.0	2	1064.30570	II
60	2	59	−	60	3	58	−	908.46974	92.8	-2	1094.86099	II
61	1	60	−	62	2	61	−	903.57211	98.7	-9	1134.15965	II
61	1	60	+	62	2	61	+	903.57211	98.7	-1	1134.09749	II
61	1	60	+	60	2	59	+	973.36423	95.6	3	1064.30570	II
61	0	61	+	62	1	62	+	904.19881	97.9	-1	1100.80469	II
61	0	61	−	60	1	60	−	972.88156	93.9	1	1032.13933	II
61	1	60	−	60	2	59	−	973.36423	95.6	3	1064.36864	II
61	0	61	+	60	1	60	+	972.88156	93.9	-1	1032.12199	II
61	0	61	−	61	1	60	−	906.03029	99.2	-10	1098.98953	II
61	0	61	−	62	1	62	−	904.19881	97.9	-2	1100.82180	II
62	2	61	−	63	1	62	−	902.80138	98.7	2	1169.87874	II
62	2	61	+	63	1	62	+	902.80138	98.7	11	1169.81703	II
62	1	62	−	61	0	61	−	973.20965	95.1	1	1066.20574	II
62	1	62	−	63	0	63	−	903.42873	97.9	5	1135.98706	II
62	2	61	−	61	1	60	−	973.69073	96.3	4	1098.98953	II
62	1	62	−	62	2	61	−	905.25640	99.6	8	1134.15965	II
62	2	61	+	61	1	60	+	973.69073	96.3	3	1098.92696	II
62	1	62	+	61	0	61	+	973.20965	95.1	-1	1066.18851	II
62	1	62	+	63	0	63	+	903.42873	97.9	5	1135.97008	II
63	0	63	−	63	1	62	−	904.47649	98.6	-3	1169.87874	II
63	0	63	+	64	1	64	+	902.65397	97.7	1	1171.68470	II
63	1	62	+	64	2	63	+	902.02581	80.9	7	1206.08538	II
63	1	62	−	63	2	61	−	906.13602	99.7	0	1202.03662	II
63	0	63	−	62	1	62	−	973.53400	93.7	3	1100.82180	II
63	0	63	+	62	1	62	+	973.53400	93.7	1	1100.80469	II
63	0	63	−	64	1	64	−	902.65397	97.7	0	1171.70157	II
63	1	62	−	62	2	61	−	974.01387	93.0	9	1134.15965	II
63	1	62	+	62	2	61	+	974.01387	93.0	9	1134.09749	II
64	1	64	+	63	0	63	+	973.85431	96.0	-1	1135.97008	II
64	2	63	+	64	1	64	+	972.46368	95.1	-5	1171.68470	II
64	2	63	−	65	1	64	−	901.24737	95.3	-1	1242.96304	II
64	1	64	−	63	2	61	−	907.80418	98.4	-5	1202.03662	II
64	2	63	+	63	1	62	+	974.33142	96.6	-4	1169.81703	II
64	1	64	−	64	2	63	−	903.69473	99.5	0	1206.14663	II
64	1	64	−	63	0	63	−	973.85431	96.0	0	1135.98706	II
64	1	64	−	65	0	65	−	901.87661	93.4	1	1207.96483	II
64	2	63	−	63	1	62	−	974.33142	96.6	-4	1169.87874	II
64	1	64	+	65	0	65	+	901.87661	93.4	2	1207.94808	II
65	0	65	+	64	1	64	+	974.17100	95.4	0	1171.68470	II
65	0	65	+	66	1	66	+	901.09528	97.8	-2	1244.76026	II
65	1	64	+	64	2	63	+	974.64766	95.1	9	1206.08538	II
65	0	65	−	66	1	66	−	901.09528	97.8	-3	1244.77691	II
65	1	64	−	64	2	63	−	974.64766	95.1	9	1206.14663	II
65	0	65	−	64	1	64	−	974.17100	95.4	1	1171.70157	II
66	1	66	+	67	0	67	+	900.31104	98.4	-4	1282.12073	II
66	1	66	+	66	2	65	+	902.16421	99.6	-4	1280.26751	II
66	1	66	−	66	2	65	−	902.12108	99.1	1	1280.32780	II

Table (cont.)

N'	K'_a	K'_c	$J'^{a)}$	N''	K''_a	K''_c	$J''^{b)}$	ν, exp.$^{c)}$	Transm.$^{d)}$	δ_ν $^{e)}$	$E_{gr}/(hc)^{f)}$	Spectrum$^{g)}$
		1				2		3	4	5	6	7
66	1	66	−	65	0	65	−	974.48337	77.8	-6	1207.96483	II
66	1	66	−	67	0	67	−	900.31104	98.4	-4	1282.13729	II
66	1	66	+	65	0	65	+	974.48337	77.8	-7	1207.94808	II
66	1	66	−	65	2	63	−	906.22024	99.5	2	1276.22871	II
67	0	67	−	66	1	66	−	974.79319	97.7	1	1244.77691	II
67	0	67	−	68	1	68	−	899.52434	96.9	4	1320.04606	II
67	0	67	+	68	1	68	+	899.52434	96.9	5	1320.02954	II
67	0	67	+	66	1	66	+	974.79319	97.7	1	1244.76026	II
68	1	68	+	67	0	67	+	975.09862	75.1	1	1282.12073	II
68	1	68	+	68	2	67	+	900.57700	99.4	-3	1356.64192	II
68	1	68	−	69	0	69	−	898.73272	98.7	-4	1358.50266	II
68	1	68	−	67	0	67	−	975.09862	75.1	1	1282.13729	II
68	1	68	−	68	2	67	−	900.53340	95.2	-10	1356.70132	II
68	1	68	+	69	0	69	+	898.73272	98.7	-4	1358.48615	II
69	0	69	+	68	1	68	+	975.39999	98.9	0	1320.02954	II
69	0	69	+	70	1	70	+	897.93883	99.1	0	1397.49064	II
69	0	69	−	69	1	68	−	899.73601	99.6	-5	1395.70959	II
69	0	69	−	68	1	68	−	975.39999	98.9	0	1320.04606	II
69	0	69	−	70	1	70	−	897.93883	99.1	0	1397.50721	II
70	1	70	−	70	2	69	−	898.93597	99.3	7	1435.26526	II
70	1	70	+	69	0	69	+	975.69796	98.6	1	1358.48615	II
70	1	70	−	69	2	67	−	903.01612	99.6	-1	1431.18436	II
70	1	70	−	69	0	69	−	975.69796	98.6	1	1358.50266	II
71	0	71	−	72	1	72	−	896.34097	99.4	4	1477.15852	II
71	0	71	−	70	1	70	−	975.99213	98.9	3	1397.50721	II
71	0	71	+	70	1	70	+	975.99213	98.9	4	1397.49064	II
71	0	71	+	72	1	72	+	896.34097	99.4	2	1477.14158	II
72	1	72	+	73	0	73	+	895.53673	99.4	-2	1517.78750	II
72	1	72	−	72	2	71	−	897.32424	84.7	6	1516.01768	II
72	1	72	−	71	0	71	−	976.28171	99.0	-5	1437.05912	II
72	1	72	−	73	0	73	−	895.53673	99.4	2	1517.80481	II
72	1	72	+	71	0	71	+	976.28171	99.0	-3	1437.04241	II
73	0	73	−	74	1	74	−	894.72906	99.3	1	1558.99812	II
73	0	73	−	72	1	72	−	976.56862	99.5	0	1477.15852	II
73	0	73	+	74	1	74	+	894.72906	99.3	-4	1558.98029	II
73	0	73	+	72	1	72	+	976.56862	99.5	4	1477.14158	II
74	1	74	−	73	0	73	−	976.85043	97.6	-9	1517.80481	II
74	1	74	−	73	2	71	−	899.76622	96.4	-12	1594.88869	II
76	1	76	−	75	2	73	−	898.12588	96.5	-9	1680.01631	II