

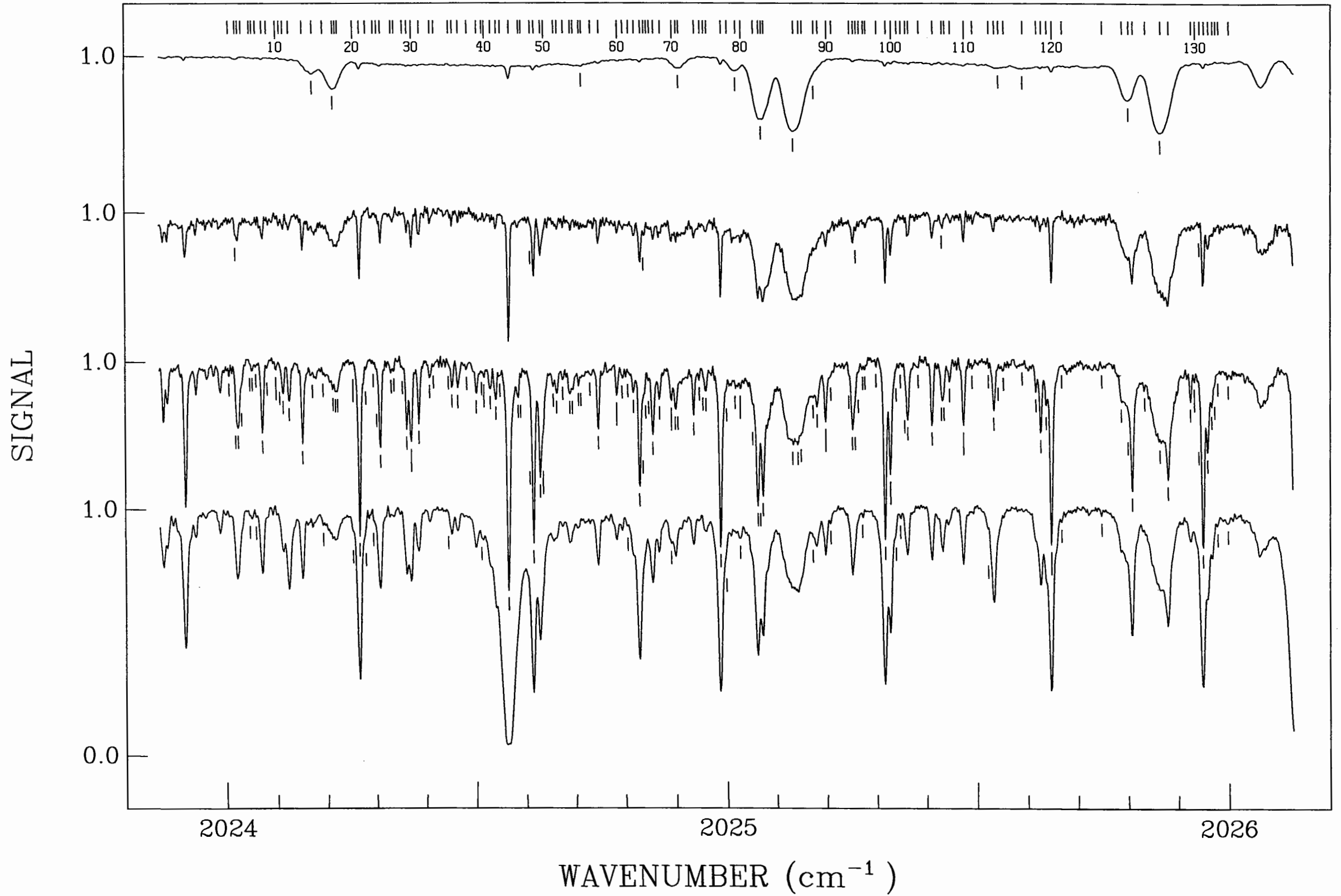
4 JUNE 1990

32.5KM 68.50°

37.08KM 90.64°

37.05KM 92.27°

36.76KM 94.49°



2024-2026 cm<sup>-1</sup>

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
1	2024.0055	?	31	2024.3845	<sup>16</sup> O <sub>3</sub>
2	2024.0185	<sup>16</sup> O <sub>3</sub>	32	2024.4063	<sup>16</sup> O <sub>3</sub>
3	2024.0227	<sup>16</sup> O <sub>3</sub>	33	2024.4141	?
4	2024.0300	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	34	2024.4440	?
5	2024.0466	?	35	2024.4512	<sup>16</sup> O <sub>3</sub>
6	2024.0508	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	36	2024.4630	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O + <sup>16</sup> O <sub>3</sub> ?
7	2024.0588	<sup>16</sup> O <sub>3</sub> ?	37	2024.4804	<sup>16</sup> O <sub>3</sub> ?
8	2024.0715	<sup>16</sup> O <sub>3</sub>	38	2024.4996	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O + OCS?
9	2024.0803	?	39	2024.5105	<sup>16</sup> O <sub>3</sub> ?
10	2024.0980	?	40	2024.5150	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
11	2024.1055	<sup>16</sup> O <sub>3</sub> ?	41	2024.5273	<sup>16</sup> O <sub>3</sub>
12	2024.1127	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	42	2024.5386	<sup>16</sup> O <sub>3</sub>
13	2024.1244	CO <sub>2</sub>	43	2024.5466	?
14	2024.1510	<sup>16</sup> O <sub>3</sub>	44	2024.5639	CO <sub>2</sub>
15	2024.1703	solar CO	45	2024.5828	<sup>16</sup> O <sub>3</sub>
16	2024.1918	<sup>16</sup> O <sub>3</sub> ?	46	2024.5880	<sup>16</sup> O <sub>3</sub> ?
17	2024.2118	solar CO	47	2024.6060	<sup>16</sup> O <sub>3</sub> ?
18	2024.2170	<sup>16</sup> O <sub>3</sub>	48	2024.6134	<sup>16</sup> O <sub>3</sub>
19	2024.2204	<sup>16</sup> O <sub>3</sub>	49	2024.6270	<sup>16</sup> O <sub>3</sub>
20	2024.2515	<sup>16</sup> O <sub>3</sub> ?	50	2024.6330	<sup>16</sup> O <sub>3</sub>
21	2024.2653	<sup>16</sup> O <sub>3</sub>	51	2024.6531	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
22	2024.2777	?	52	2024.6603	<sup>16</sup> O <sub>3</sub>
23	2024.2933	<sup>16</sup> O <sub>3</sub> ?	53	2024.6724	<sup>16</sup> O <sub>3</sub>
24	2024.2999	<sup>16</sup> O <sub>3</sub>	54	2024.6866	<sup>16</sup> O <sub>3</sub>
25	2024.3073	<sup>16</sup> O <sub>3</sub>	55	2024.6920	<sup>16</sup> O <sub>3</sub>
26	2024.3289	?	56	2024.7042	<sup>16</sup> O <sub>3</sub>
27	2024.3343	<sup>16</sup> O <sub>3</sub>	57	2024.7092	solar CO?
28	2024.3515	<sup>16</sup> O <sub>3</sub>	58	2024.7270	<sup>16</sup> O <sub>3</sub> ?
29	2024.3604	<sup>16</sup> O <sub>3</sub>	59	2024.7439	<sup>16</sup> O <sub>3</sub>
30	2024.3690	<sup>16</sup> O <sub>3</sub>	60	2024.7814	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O

2024-2026 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification	Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
61	2024.7917	<sup>16</sup> O <sub>3</sub>	90	2025.1965	<sup>16</sup> O <sub>3</sub>
62	2024.8028	<sup>16</sup> O <sub>3</sub> ?	91	2025.2064	<sup>16</sup> O <sub>3</sub> ? + solar CO?
63	2024.8143	<sup>16</sup> O <sub>3</sub>	92	2025.2423	<sup>16</sup> O <sub>3</sub>
64	2024.8267	<sup>16</sup> O <sub>3</sub> , CO <sub>2</sub>	93	2025.2500	<sup>16</sup> O <sub>3</sub>
65	2024.8348	<sup>16</sup> O <sub>3</sub>	94	2025.2556	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
66	2024.8369	<sup>16</sup> O <sub>3</sub> ?	95	2025.2615	<sup>16</sup> O <sub>3</sub> ?
67	2024.8444	?	96	2025.2707	?
68	2024.8529	<sup>16</sup> O <sub>3</sub>	97	2025.2746	<sup>16</sup> O <sub>3</sub> ?
69	2024.8656	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	98	2025.2970	?
70	2024.8889	<sup>16</sup> O <sub>3</sub>	99	2025.3156	<sup>16</sup> O <sub>3</sub>
71	2024.8979	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	100	2025.3262	<sup>16</sup> O <sub>3</sub> + CO <sub>2</sub> ?
72	2024.9011	solar CO	101	2025.3376	CO <sub>2</sub> ?
73	2024.9327	<sup>16</sup> O <sub>3</sub>	102	2025.3460	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O?
74	2024.9431	?	103	2025.3548	?
75	2024.9506	<sup>16</sup> O <sub>3</sub> ?	104	2025.3607	<sup>16</sup> O <sub>3</sub>
76	2024.9566	<sup>16</sup> O <sub>3</sub>	105	2025.3814	<sup>16</sup> O <sub>3</sub> ?
77	2024.9858	<sup>16</sup> O <sub>3</sub> , CO <sub>2</sub>	106	2025.4095	<sup>16</sup> O <sub>3</sub>
78	2024.9971	<sup>16</sup> O <sub>3</sub> ?	107	2025.4283	<sup>16</sup> O <sub>3</sub>
79	2025.0144	solar CO	108	2025.4324	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
80	2025.0250	CO	109	2025.4438	<sup>16</sup> O <sub>3</sub>
81	2025.0499	<sup>16</sup> O <sub>3</sub> ?	110	2025.4718	<sup>16</sup> O <sub>3</sub>
82	2025.0607	<sup>16</sup> O <sub>3</sub>	111	2025.4889	<sup>16</sup> O <sub>3</sub> ?
83	2025.0660	solar CO	112	2025.5212	?
84	2025.0709	<sup>16</sup> O <sub>3</sub>	113	2025.5320	CO <sub>2</sub>
85	2025.1300	solar CO	114	2025.5402	solar CO?
86	2025.1408	CO <sub>2</sub>	115	2025.5509	CO?
87	2025.1473	CO <sub>2</sub> ?	116	2025.5883	solar CO?
88	2025.1708	<sup>16</sup> O <sub>3</sub> + solar CO	117	2025.6155	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
89	2025.1784	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O	118	2025.6250	<sup>16</sup> O <sub>3</sub> , <sup>16</sup> O <sup>18</sup> O <sup>16</sup> O

2024-2026 cm<sup>-1</sup> (continued)

Seq. No.	$\nu$ (observed) (cm <sup>-1</sup> )	Identification
119	2025.6359	<sup>16</sup> O <sub>3</sub>
120	2025.6459	<sup>16</sup> O <sub>3</sub>
121	2025.6662	OCS?
122	2025.7464	<sup>16</sup> O <sub>3</sub> ?
123	2025.7860	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
124	2025.7990	solar CO
125	2025.8073	<sup>16</sup> O <sub>3</sub>
126	2025.8320	<sup>16</sup> O <sub>3</sub>
127	2025.8628	solar CO
128	2025.8792	<sup>16</sup> O <sub>3</sub>
129	2025.9240	<sup>16</sup> O <sub>3</sub>
130	2025.9319	<sup>16</sup> O <sub>3</sub>
131	2025.9411	?
132	2025.9491	<sup>16</sup> O <sub>3</sub>
133	2025.9581	<sup>16</sup> O <sub>3</sub>
134	2025.9663	<sup>16</sup> O <sup>18</sup> O <sup>16</sup> O
135	2025.9718	<sup>16</sup> O <sub>3</sub> ?
136	2025.9780	?
137	2025.9985	<sup>16</sup> O <sub>3</sub>