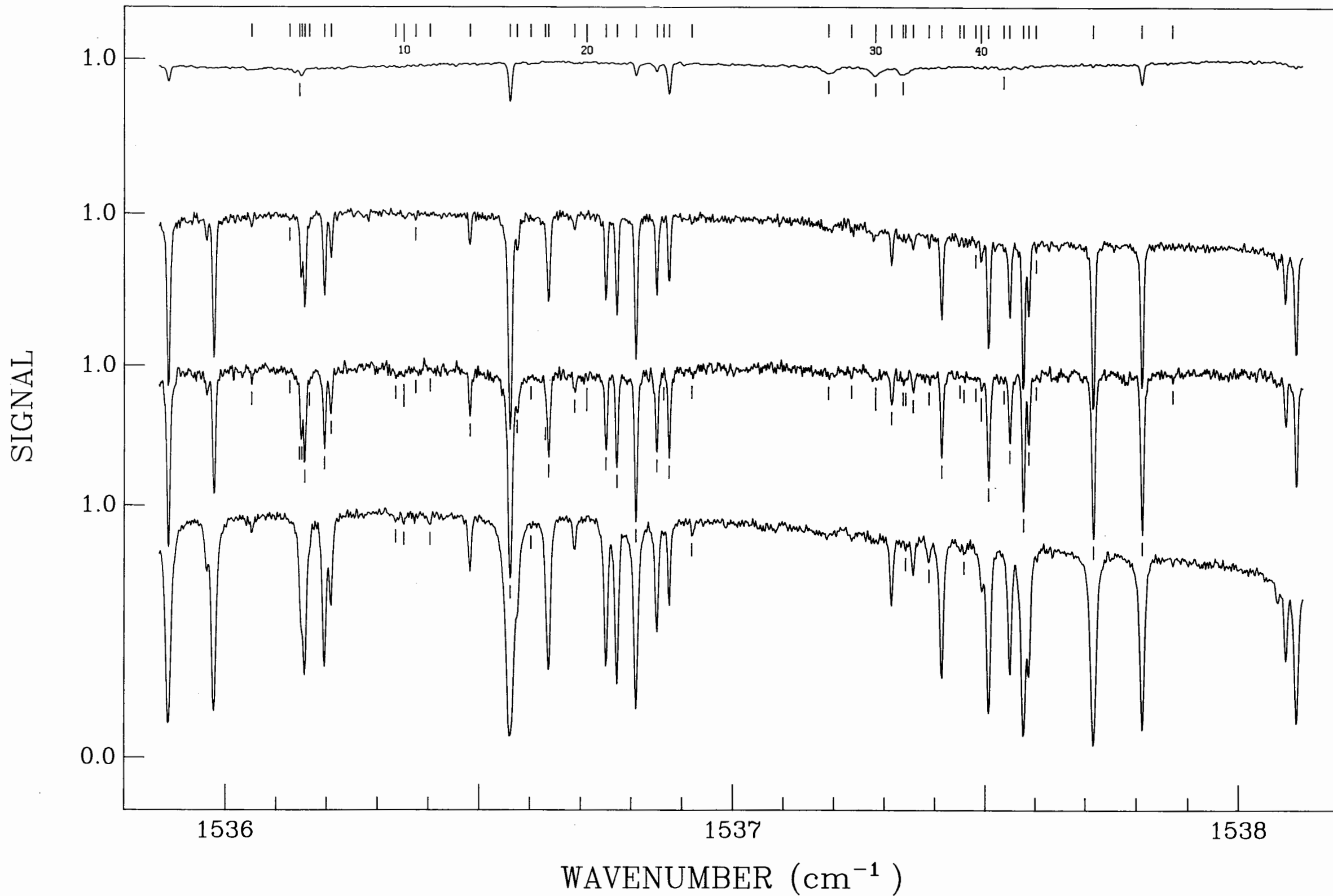


4/89 37.3KM 69.00° 6/91 38.5KM 93.02° 4/89 36.8KM 92.95° 6/91 38.5KM 94.04°



1536-1538 cm<sup>-1</sup>

| Seq. No. | $\nu$ (observed)<br>(cm <sup>-1</sup> ) | Identification    | Seq. No. | $\nu$ (observed)<br>(cm <sup>-1</sup> ) | Identification    |
|----------|---|-------------------|----------|---|-------------------|
| 1        | 1536.0514                               | H <sub>2</sub> O  | 30       | 1537.2831                               | solar CO          |
| 2        | 1536.1265                               | CH <sub>4</sub> ? | 31       | 1537.3144                               | CH <sub>4</sub>   |
| 3        | 1536.1474                               | solar CO          | 32       | 1537.3375                               | solar CO          |
| 4        | 1536.1494                               | H <sub>2</sub> O  | 33       | 1537.3423                               | CH <sub>4</sub>   |
| 5        | 1536.1565                               | CH <sub>4</sub>   | 34       | 1537.3576                               | CH <sub>4</sub>   |
| 6        | 1536.1656                               | H <sub>2</sub> O? | 35       | 1537.3890                               | CH <sub>4</sub>   |
| 7        | 1536.1955                               | CH <sub>4</sub>   | 36       | 1537.4138                               | CH <sub>4</sub>   |
| 8        | 1536.2085                               | CH <sub>4</sub>   | 37       | 1537.4500                               | CH <sub>4</sub> ? |
| 9        | 1536.3354                               | CH <sub>4</sub> ? | 38       | 1537.4581                               | CH <sub>4</sub>   |
| 10       | 1536.3518                               | CH <sub>4</sub>   | 39       | 1537.4819                               | CH <sub>4</sub> ? |
| 11       | 1536.3753                               | CH <sub>4</sub> ? | 40       | 1537.4925                               | CH <sub>4</sub>   |
| 12       | 1536.4036                               | CH <sub>4</sub> ? | 41       | 1537.5072                               | CH <sub>4</sub>   |
| 13       | 1536.4822                               | H <sub>2</sub> O  | 42       | 1537.5377                               | solar CO          |
| 14       | 1536.5612                               | H <sub>2</sub> O  | 43       | 1537.5494                               | CH <sub>4</sub>   |
| 15       | 1536.5749                               | CH <sub>4</sub>   | 44       | 1537.5770                               | CH <sub>4</sub>   |
| 16       | 1536.6024                               | CH <sub>4</sub> ? | 45       | 1537.5879                               | CH <sub>4</sub>   |
| 17       | 1536.6308                               | CH <sub>4</sub>   | 46       | 1537.6025                               | CH <sub>4</sub>   |
| 18       | 1536.6371                               | CH <sub>4</sub>   | 47       | 1537.7164                               | CH <sub>4</sub>   |
| 19       | 1536.6884                               | CH <sub>4</sub>   | 48       | 1537.8123                               | H <sub>2</sub> O  |
| 20       | 1536.7124                               | ?                 | 49       | 1537.8719                               | ?                 |
| 21       | 1536.7501                               | CH <sub>4</sub>   |          |   |                   |
| 22       | 1536.7721                               | CH <sub>4</sub>   |          |   |                   |
| 23       | 1536.8097                               | H <sub>2</sub> O  |          |   |                   |
| 24       | 1536.8508                               | H <sub>2</sub> O  |          |   |                   |
| 25       | 1536.8642                               | CH <sub>4</sub> ? |          |   |                   |
| 26       | 1536.8749                               | H <sub>2</sub> O  |          |   |                   |
| 27       | 1536.9195                               | CH <sub>4</sub>   |          |   |                   |
| 28       | 1537.1898                               | solar CO          |          |   |                   |
| 29       | 1537.2352                               | H <sub>2</sub> O  |          |   |                   |