



Fig. 12. The Spectra of HgI₂ at Various Pressures.

- Atmospheric pressure (red phase only). Peak at 119 cm⁻¹.
- oooo Intermediate pressure (red and yellow phases present). Peaks at 126 cm⁻¹ and 143 cm⁻¹ and a weak shoulder at 138 cm⁻¹.
- High pressure (yellow phase only). Peak at 143 cm⁻¹ with a weak shoulder at 138 cm⁻¹.

BIBLIOGRAPHY

1. E. Fishman and H. G. Drickamer, Anal. Chem. 28, 804 (1956).
2. H. G. Drickamer, "Optical Studies at High Pressure," Progress in Very High Pressure Research, J. Wiley and Sons, New York, 1961, pp. 16-27.
3. C. E. Weir, A. Van Valkenburg and E. R. Lippincott, J. Res. Nat. Bur. Stds. 63A, 55 (1959).
4. E. R. Lippincott, F. E. Welsh and C. E. Weir, Anal. Chem. 33, 157 (1961).
5. E. R. Lippincott, C. E. Weir, A. Van Valkenburg and E. N. Bunting, Spec. Acta 16, 58 (1960).
6. J. R. Ferraro, S. S. Mitra and C. Postmus, Inorg. Nucl. Chem. Letters, 2, 269 (1966).
7. C. Postmus, J. R. Ferraro and S. S. Mitra, Inorg. Nucl. Chem. Letters, 4, 55 (1968).
8. C. C. Bradley, H. A. Gebbie, A. C. Gilby, V. V. Kechin and J. H. King, Nature, 211, 839 (1966).
9. N. T. McDevitt, R. E. Witkowski and W. G. Fateley, Abstract, 13th Colloquium Spectroscopum Internationale, June 18-24, 1967, Ottawa, Canada.
10. H. G. Drickamer and A. S. Balchan, "Modern Very High Pressure Techniques," R. H. Wentorf, Jr., Editor, Butterworths, London 1962.
11. R. W. Parsons and H. G. Drickamer, J. Chem. Phys. 29, 930 (1958).
12. R. A. Fitch, T. E. Slykhouse and H. G. Drickamer, J. Opt. Soc. Am. 47, 1015 (1957).
13. A. S. Balchan and H. G. Drickamer, Rev. Sci. Instr. 31, 511 (1960).
14. T. Takahashi and W. A. Bassett, Science 145, 483 (1964).
15. J. W. Brasch and R. Jakobsen, Spec. Acta, 21, 1183 (1965).
16. J. W. Brasch, J. Chem. Phys. 43, 3473 (1965).