FIG. 3. Effect of pressure on the spectra of the *F* band in KCl.

side of the *F* band under pressure. They made an extensive investigation of its characteristics which can be summarized as follows:

- (1) The *K'* band grows with increasing pressure at the expense of the *F* band.
- (2) Transition between the two bands is reversible.
- (3) Bleaching with light of the frequency of one band bleaches both bands.

As a result of the further measurements presented in this paper the following additional observations can be made:

(a) Measurements on three alkali halides which do not undergo phase transition at any known pressure or temperature, NaCl, NaBr, and LiCl, failed to produce

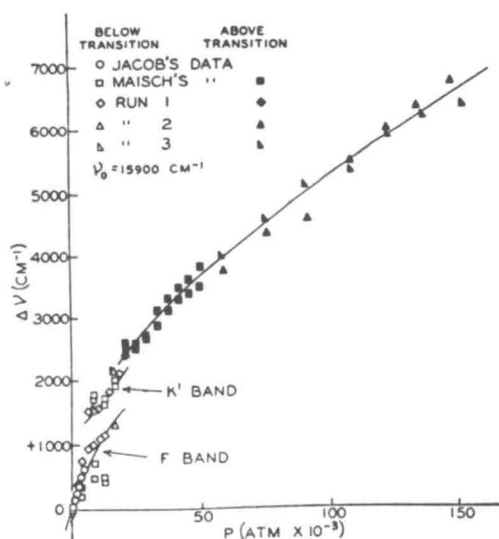
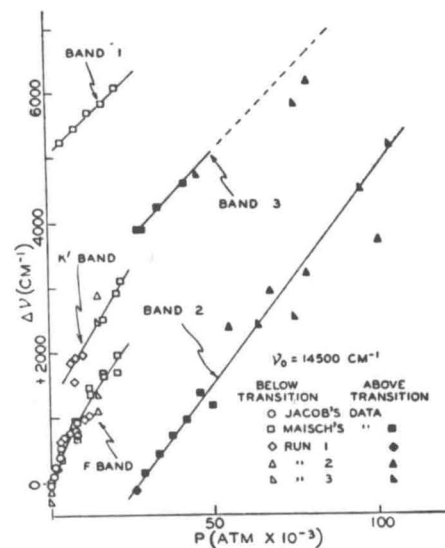
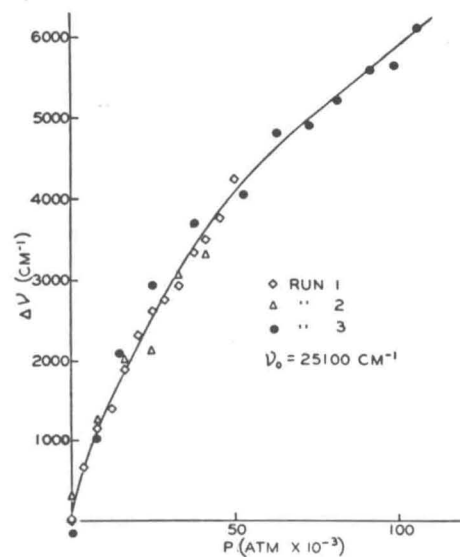
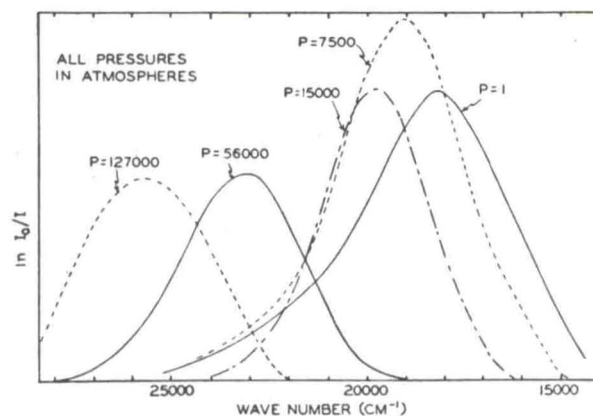
FIG. 4. Effect of pressure on the spectra of the *F* and *K'* bands in KBr.

FIG. 5. Effect of pressure on the spectra of color centers in KI.

FIG. 6. Effect of pressure on the spectra of the *F* band in LiCl.FIG. 7. *F* center spectra at various pressures—KCl.