

NOTE: These Pressure Deviations are in the Region of the Critical Point as Shown in Figures 5 and 6.

FIGURE 8. Pressure deviations in the region of the critical point.

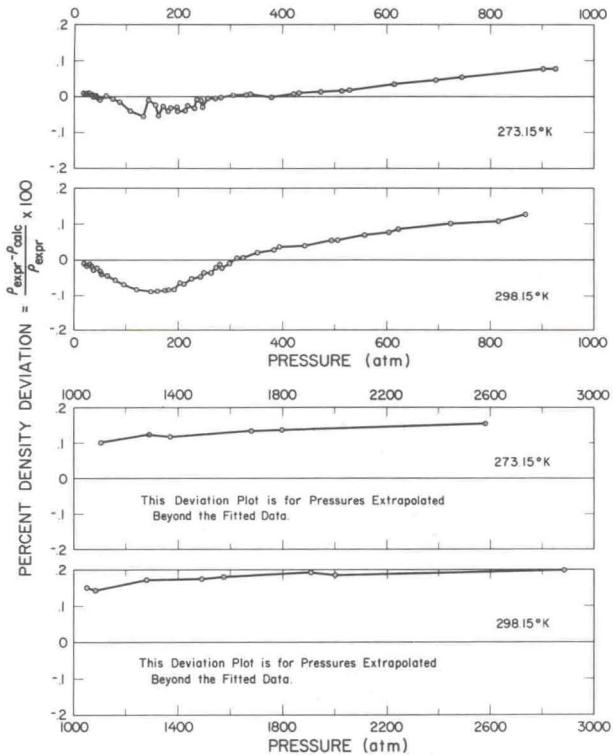


FIGURE 9. Density deviations of data by Michels et al. [6] from equation of state (40).

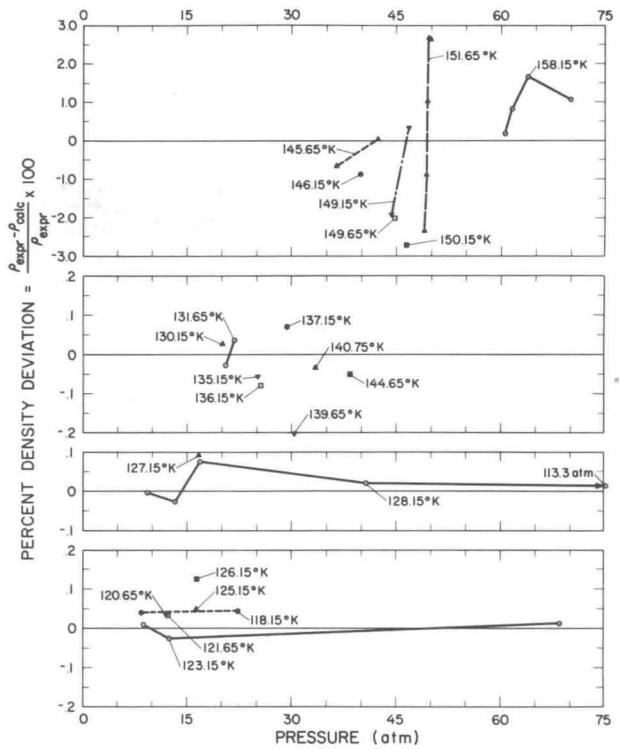


FIGURE 10. Density deviations for data points near the saturation boundary.

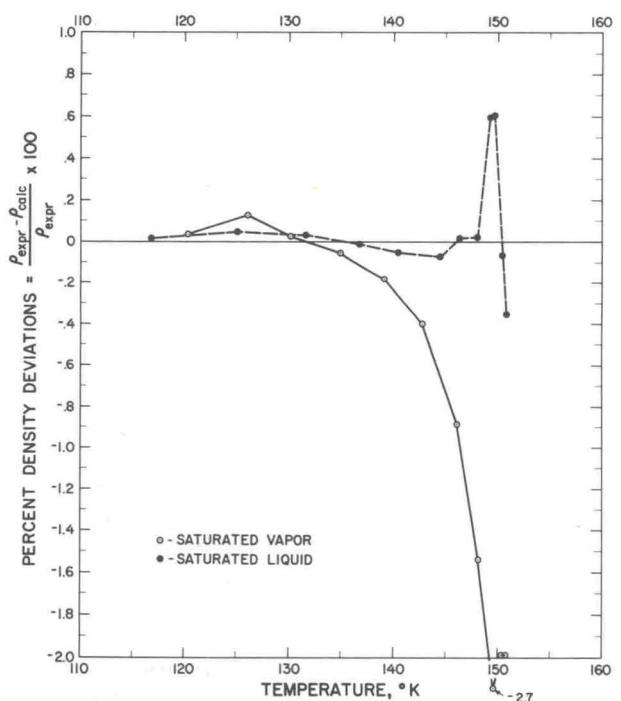


FIGURE 11. Density deviations of saturation data from equation of state (40).

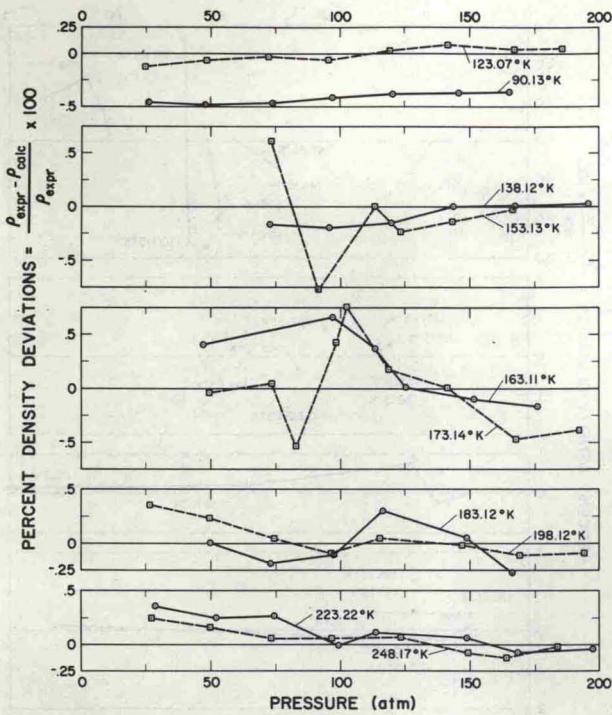


FIGURE 12. Density deviations of data by Rogovaya et al. [7] from equation of state (40).

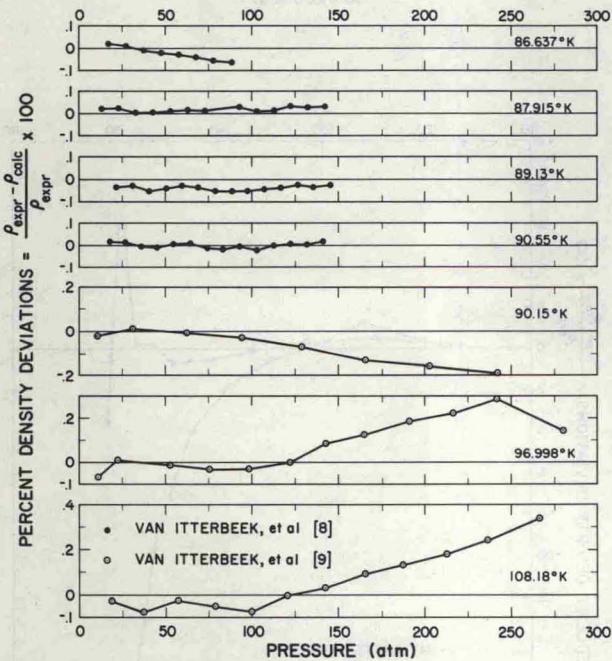


FIGURE 13. Density deviations of data by van Itterbeek et al. [8, 9] from equation of state (40).

slopes with not much change in curvature. However, the isotherms between 148 K and 173 K have large variations in the slopes and curvatures. In addition, the slopes of the isotherms in the vicinity of the critical point are small, thus producing large density

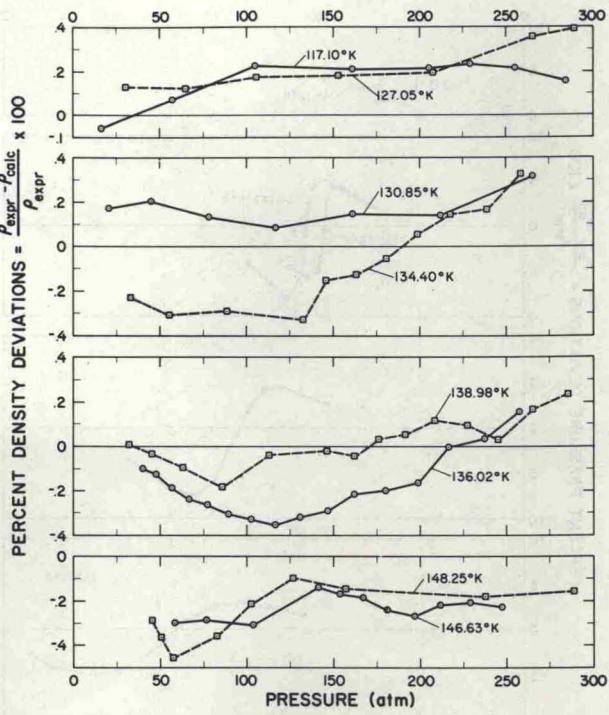


FIGURE 14. Density deviations of data by van Itterbeek et al. [9] from equation of state (40).

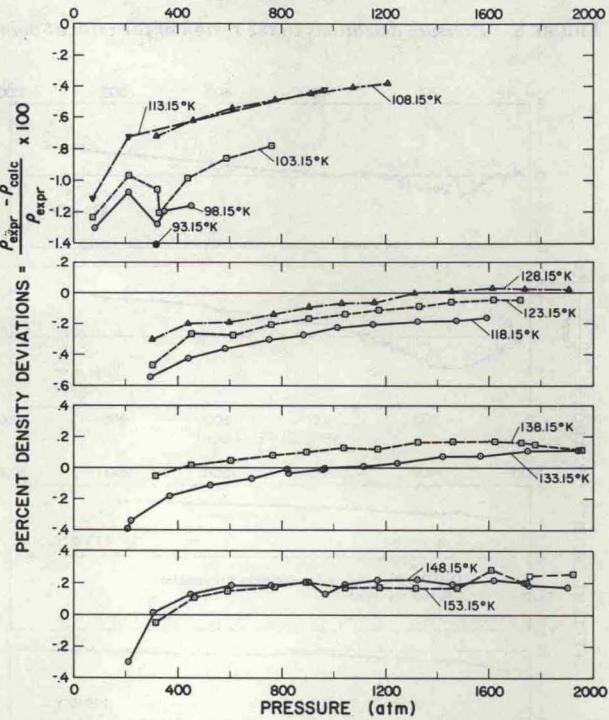


FIGURE 15. Density deviations of data by van Witzenburg [10] from equation of state (40).

deviations for rather small pressure or temperature deviations. The small cross-hatched area in figure 16 indicates the region where the density has the great-