

FIG. 4(c).—Solubility isotherms for the system  $\text{N}_2 + \text{NaNO}_3$ . ■, 449°C; ▲, 390°C; ●, 331°C.

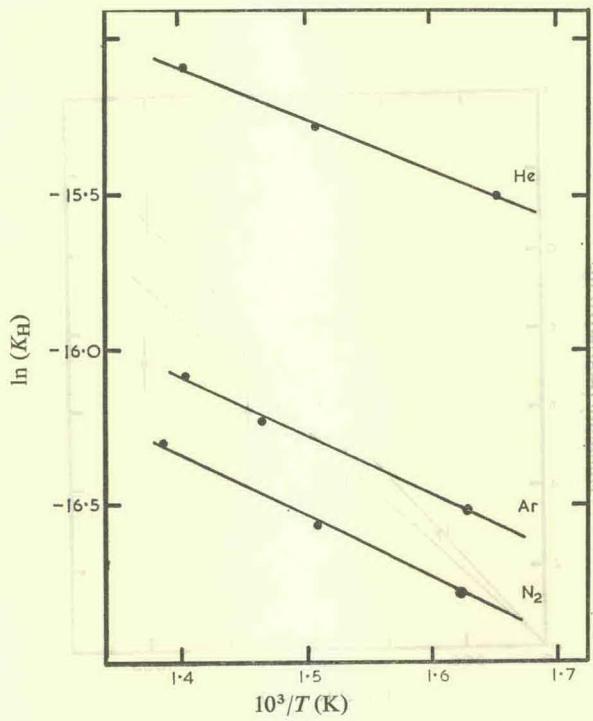
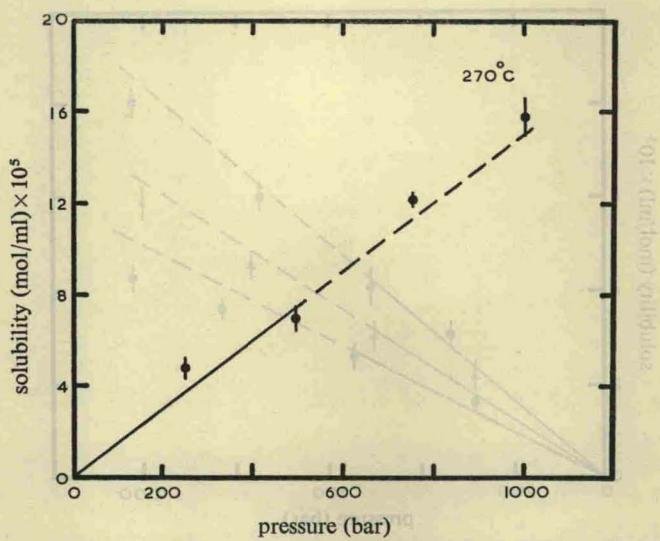
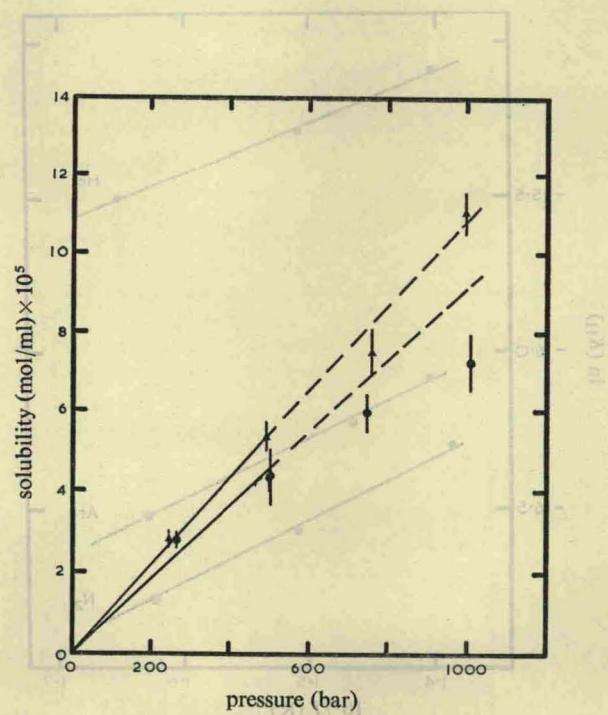


FIG. 4(d).—Plots of  $\ln(K_H)$  against  $1/T$  for He, Ar and  $\text{N}_2$  in  $\text{NaNO}_3$ .

FIG. 5(a).—Solubility isotherm for the system He + LiNO<sub>3</sub>.FIG. 5(b).—Solubility isotherms for the system Ar + LiNO<sub>3</sub>. ▲, 307°C; ●, 273°C.