Polar stratospheric optical depth versus time derived from SAM II and SAGE solar extinction measurements. Superimposed on the normal seasonal variations are major injections of aerosols associated with the El Chichón and Mt. Pinatubo eruptions. (From McCormick, et al. (1993).)

Figure 2.5 The "bite" out of the ozone profile over Antarctica in October

Fig. 2.6 Predicted change from 1980 to 2030 in the vertical distribution of temperature due to increase in CO₂ alone and in CO₂ along with all other trace gases that are thought to be increasing or decreasing in concentration. (After Ramanathan et al. (1985).)