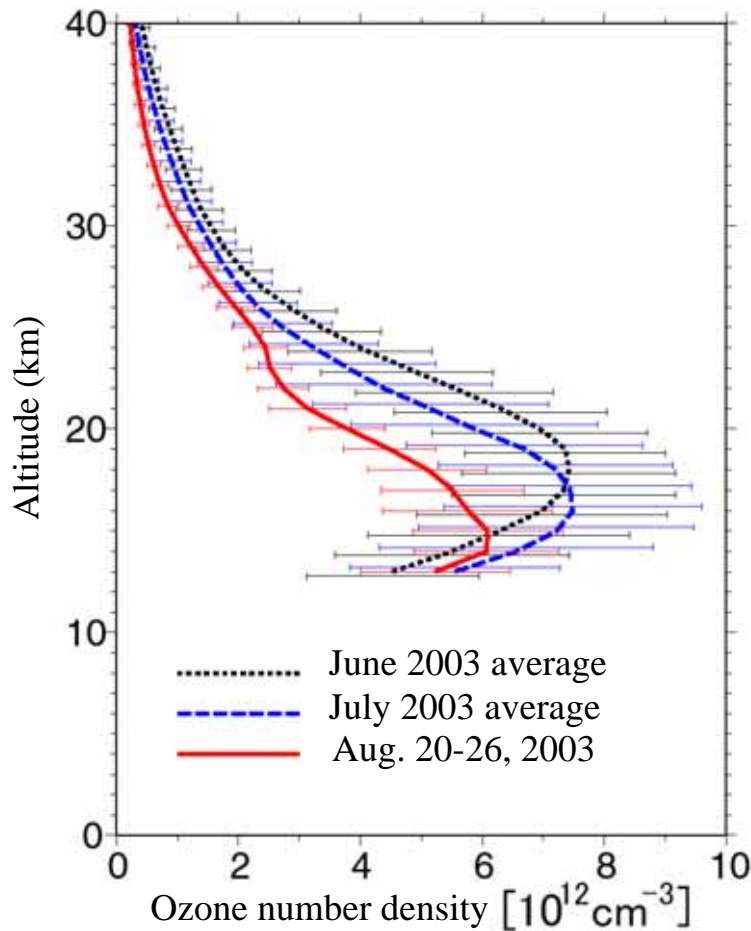




**Fig. 4 Vertical Distribution of Ozone Density over Antarctica as Observed by ILAS-II**



Average concentration of ozone over Antarctica (curved line) and standard deviation (horizontal bar), as observed by the ozone observation sensor ILAS-II mounted on *Midori II*. Compared to the ozone levels observed in June and July, the average value of August 20-26 is clearly low at the altitude of 15-25 km. It has been confirmed that ozone depletion is taking place at this altitude over Antarctica.