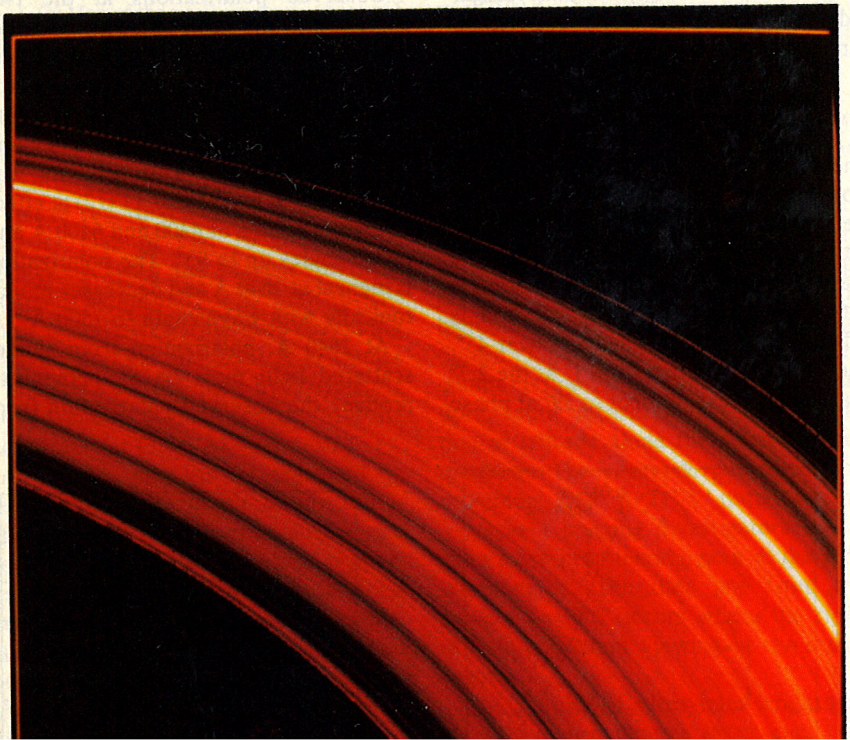
observed 2640-Å photons that interact with the molecular atmosphere above the cloud top is small, because the pressure level of the optical limb (*6*) is 0.3 mbar, giving an N_2 optical depth of only 0.005.

The importance of aerosol scattering

several wavelengths, and the observed brightness ratio of about 5 at 4200 Å from Voyager 1 phase angle measurements at 160° and 129°, indicate a value of $\bar{r}$ in the range 0.25 to 0.3 μm (*6, 15*).

In Figs. 4 and 5 we show polarization characteristics for model atmospheres



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