Fig. 3. Lidar measurements collected from a DC-8 participating in the Global Backscatter Experiment over the Pacific Basin. The data were collected between Australia and Japan on 31 May, 1990. The color scale shows the log attenuated aerosol backscatter (1/m-sr) for the 1064 nm channel. Higher aerosol scattering below 2 km is associated with the marine atmospheric boundary layer. An elevated aerosol layer between 3 and 8 km in the northern half of the image is most likely comprised of dust and pollutants transported from industrial areas of mainland China.