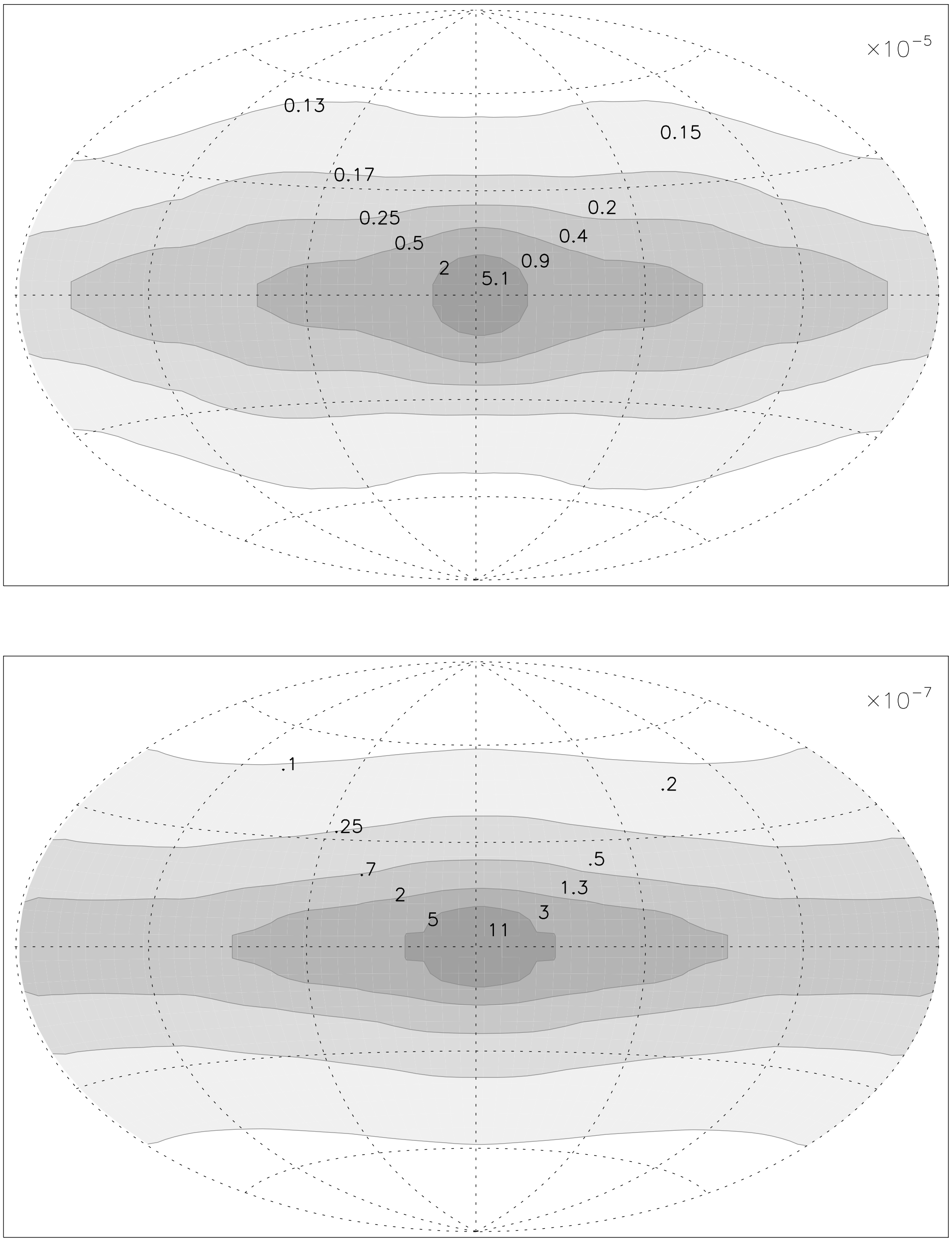

Figure 6.7: Upper panel: An all-sky map of the source-averaged astrometric optical depth. Meridians of Galactic latitude are shown at 60° intervals, parallels of longitude at 30° intervals. The contour levels are marked. The number within each contour refers to the mean value of the optical depth inside the shaded region enclosed between the contours. All numbers are in units of 10^{-5}. Lower panel: As the upper panel, but for the photometric microlensing optical depth. All numbers are in units of 10^{-7}. To find the instantaneous number of events in any region, we multiply the average optical depth by the number of stars from Figure 6.8 (for details of the source and lens populations and extinction model, see §6.4).