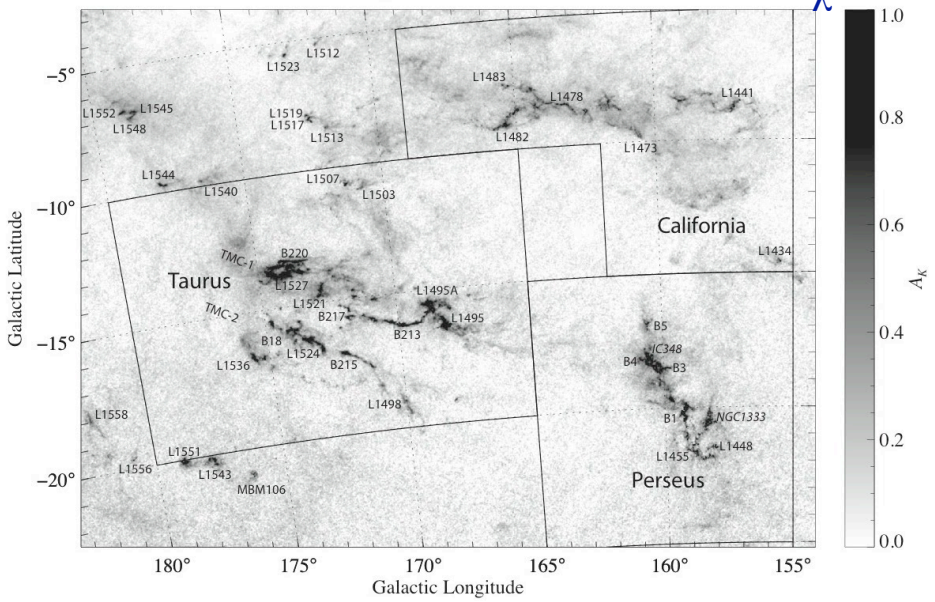
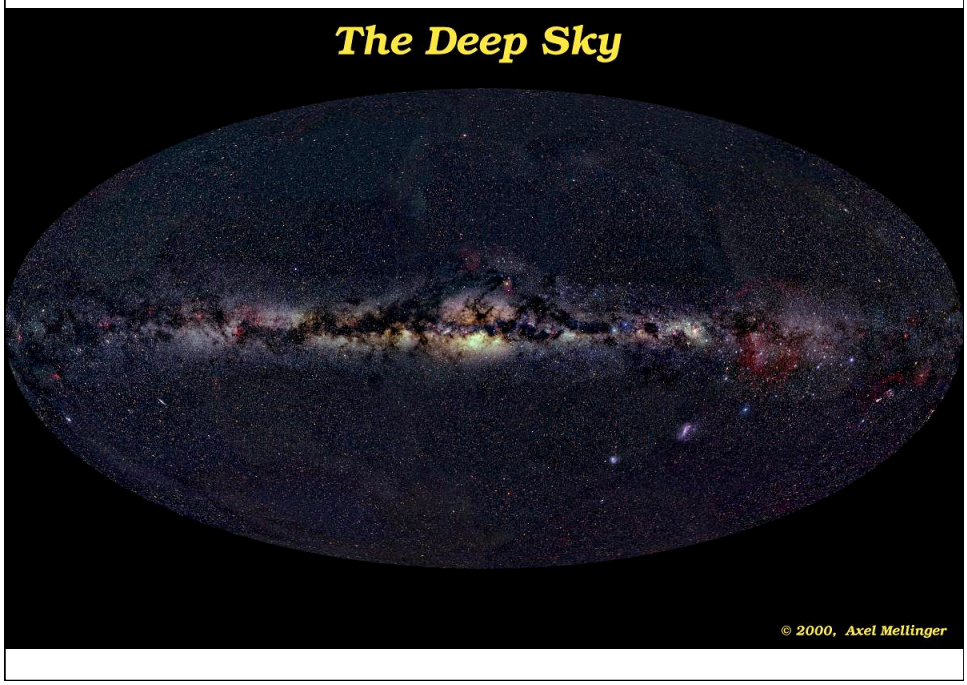
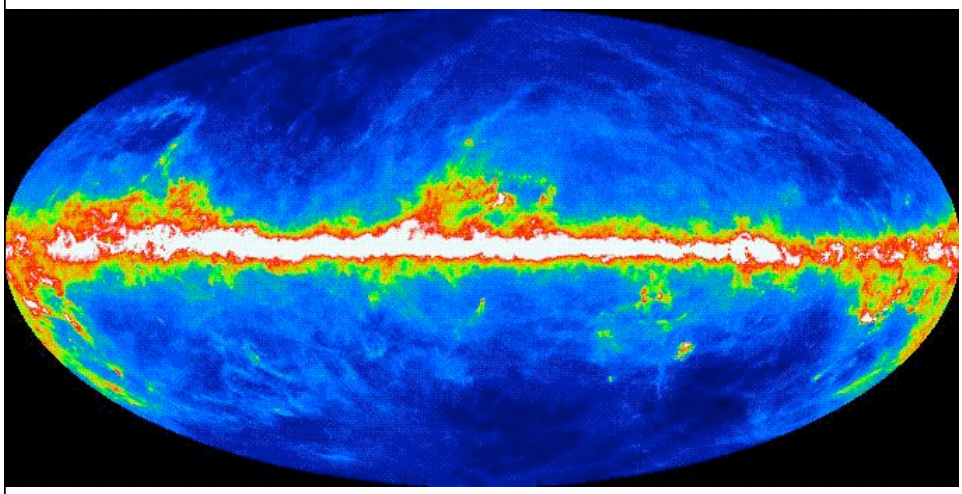
Extinction Mapping : Using background star color excesses to measure A_λ





Milky Way 100 μm



IRAS/NASA

Milky Way Dust Emission

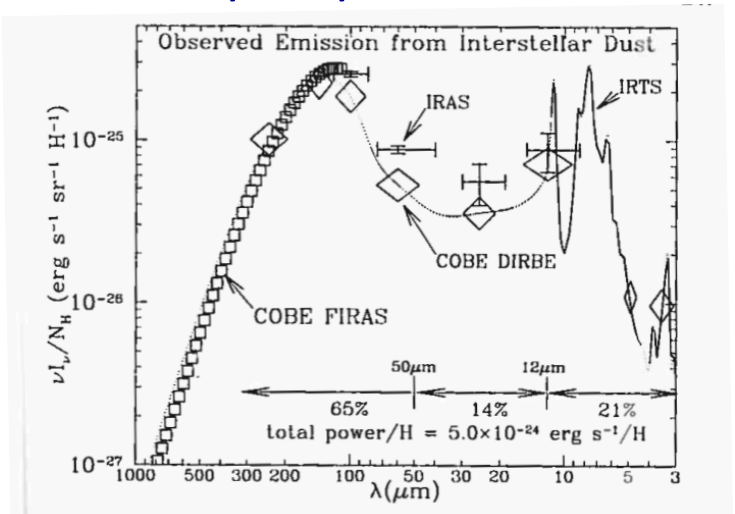


Figure 21.6 Observed infrared emission per H nucleon from dust heated by the average starlight background in the local Milky Way. Crosses: IRAS (Boulanger & Perault 1988); squares: COBE-FIRAS (Wright et al. 1991); diamonds: COBE-DIRBE (Arendt et al. 1998); heavy curve: IRTS (Onaka et al. 1996; Tanaka et al. 1996). The interpolated dotted line is used to estimate the total power.