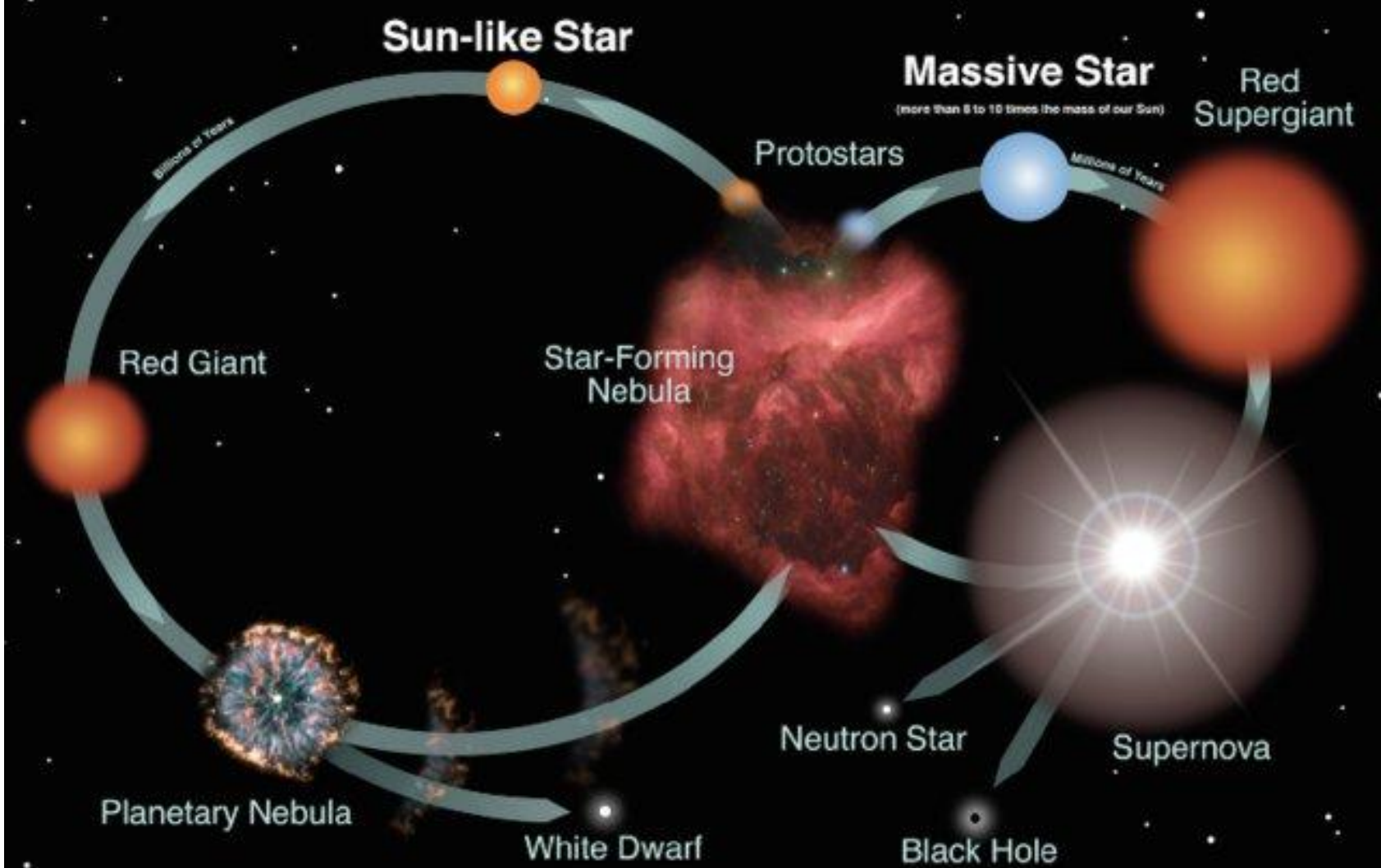


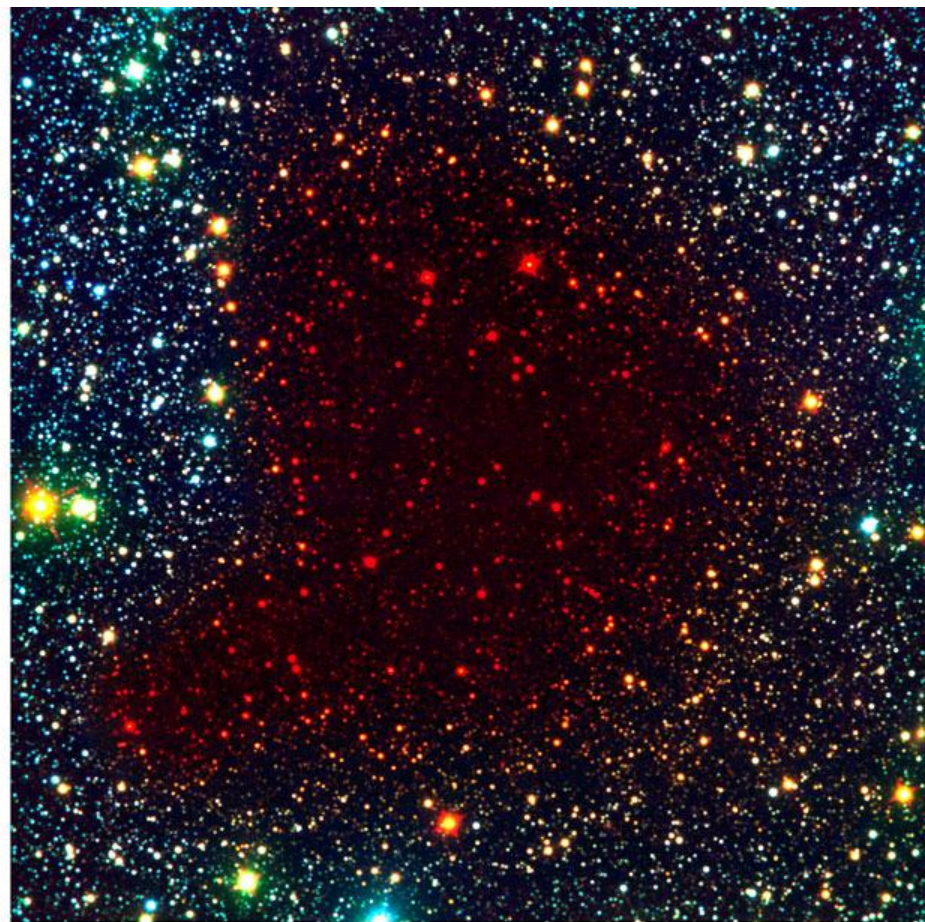
**ASTR368**

**ISM**

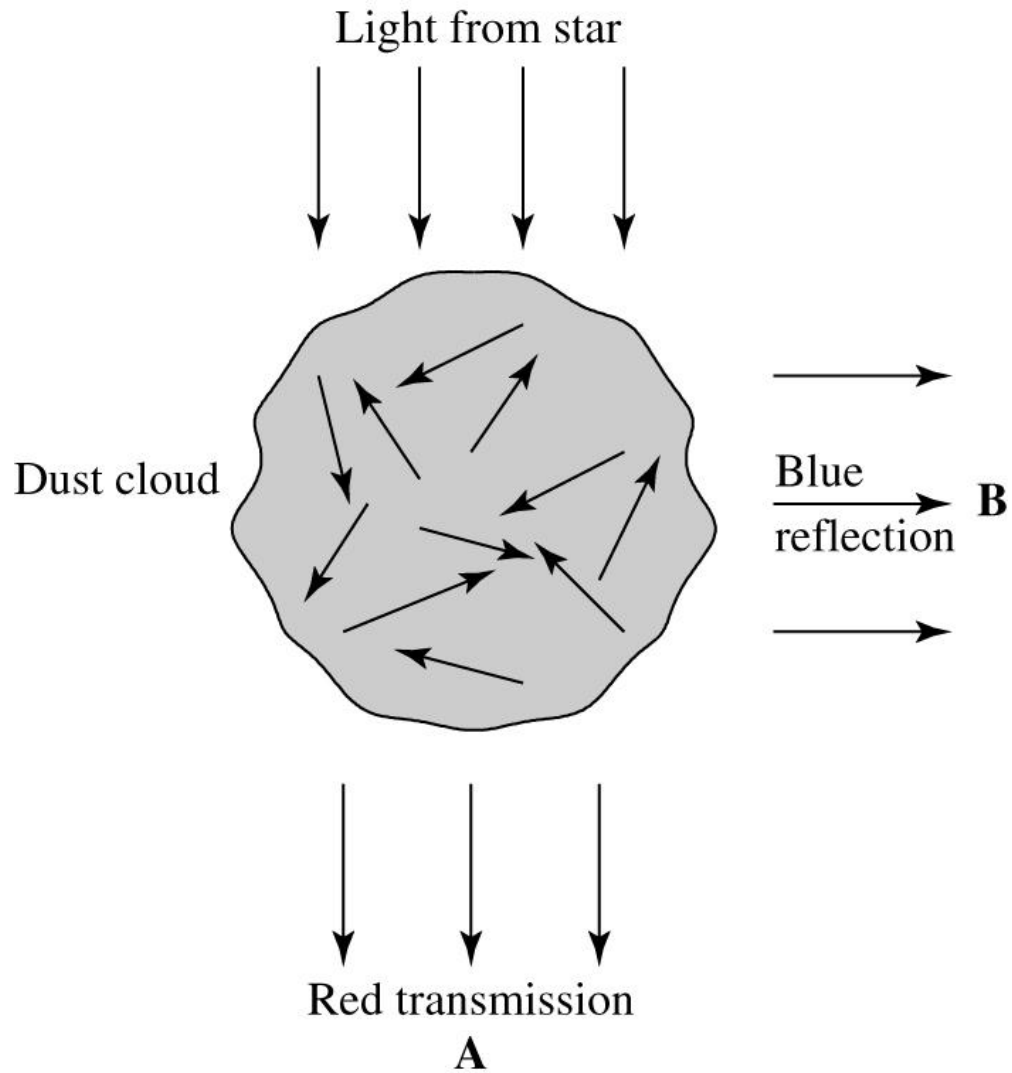


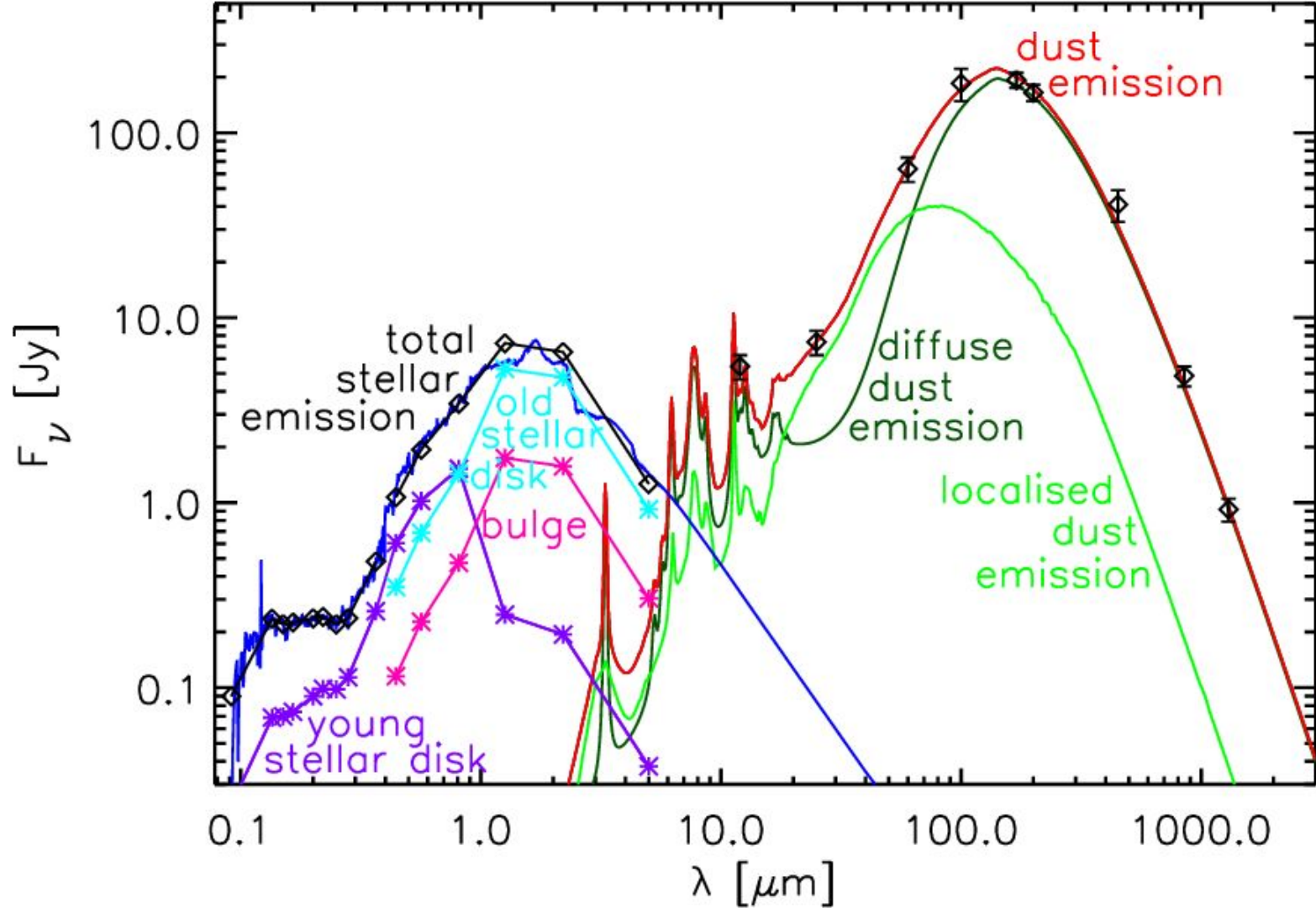


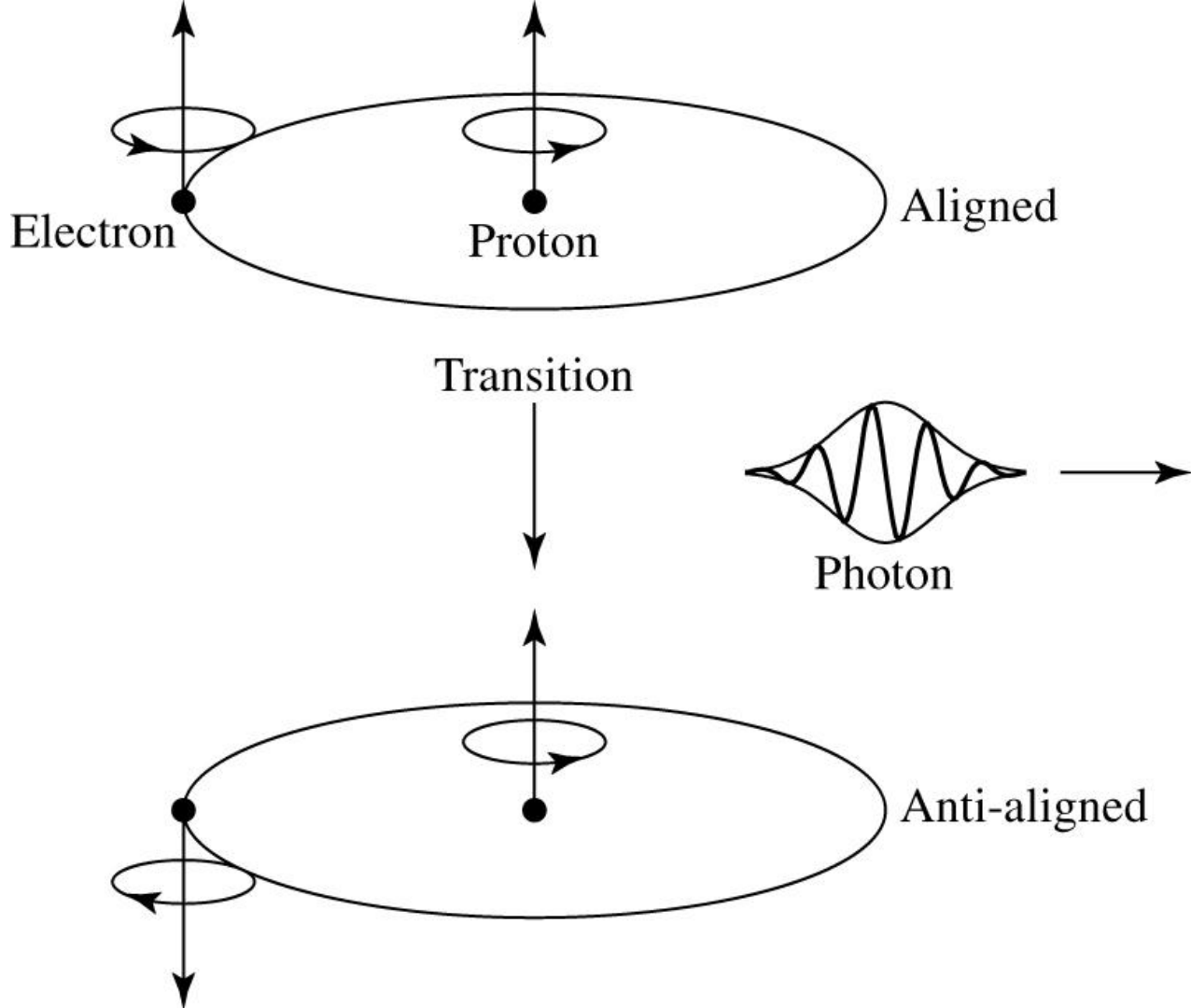
B, V, I

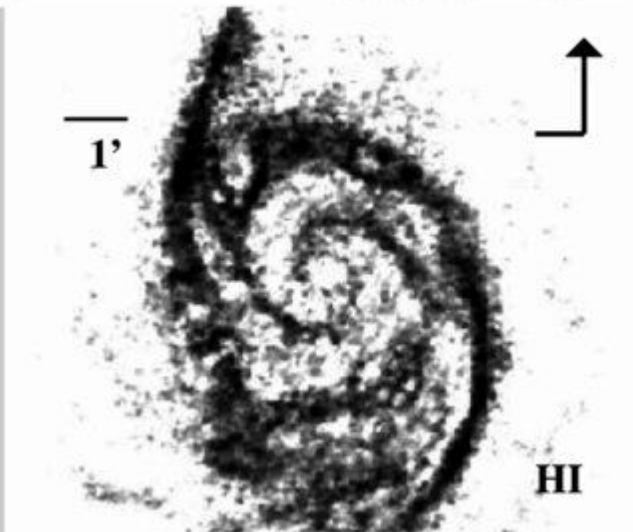
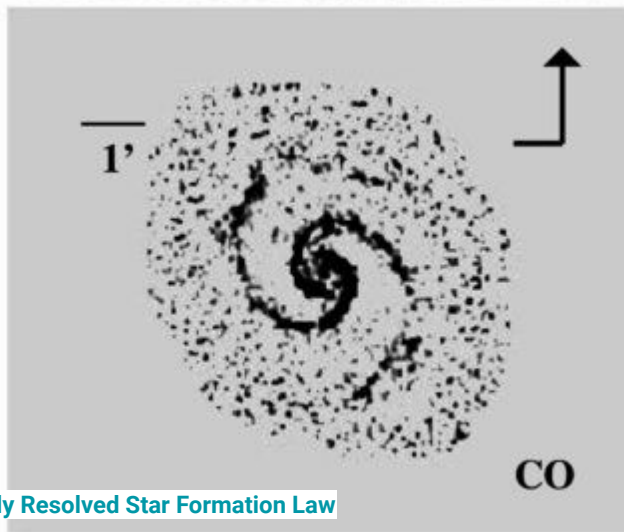
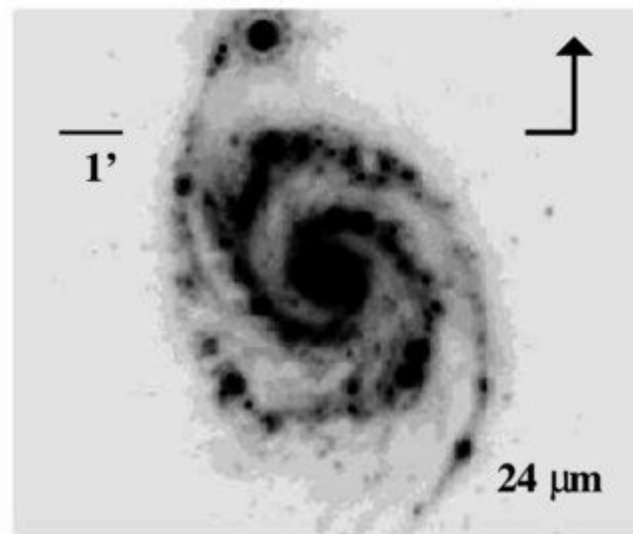
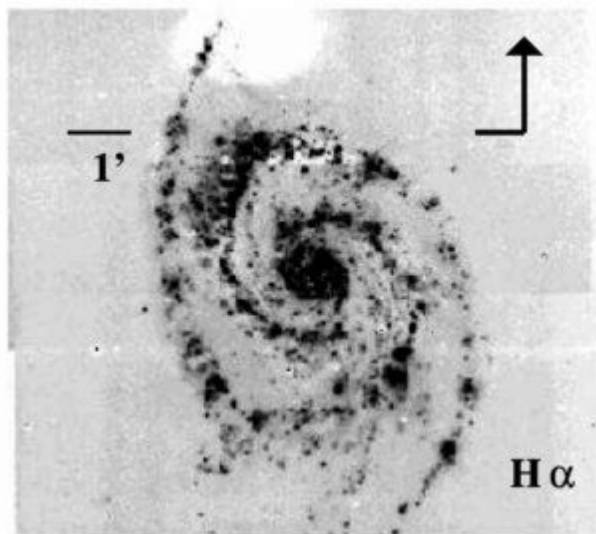


B, I, K





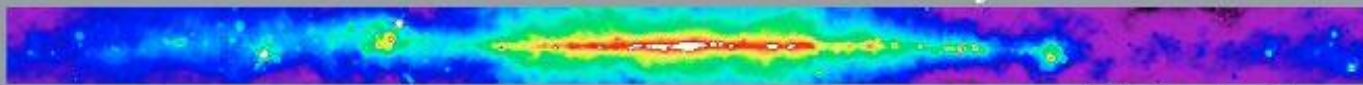




Star Formation in NGC 5194 (M51a). II. The Spatially Resolved Star Formation Law

*Radio Continuum*

*408 MHz Bonn, Jodrell Bank, & Parkes*



*Atomic Hydrogen*

*21 cm Dickey-Lockman*



*Molecular Hydrogen*

*115 GHz Columbia-GISS*



*Infrared*

*12, 60, 100 μm IRAS*



*Near Infrared*

*1.25, 2.2, 3.5 μm COBE/DIRBE*



*Optical*

*Laustsen et al. Photomosaic*



*X-Ray*

*0.25, 0.75, 1.5 keV ROSAT/PSPC*



*Gamma Ray*

*>100 MeV CGRO/EGRET*







# The *HI* Nearby Galaxy Survey (*THINGS*)



F. Walter, E. Brinks, E. de Blok, F. Bigiel, M. Thornley, R. Kennicutt

