Introductory Astronomy

Week 7: Galaxies

Clip 2: Many Bands!



Through the Dust Darkly

408KHz: relativistic e

1.4GHz: HI

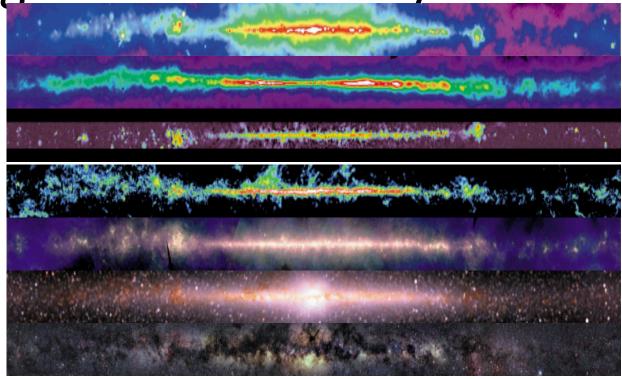
2.7 GHz: ionized gas; fast e

115GHz: CO signals H₂

3-25×103GHz: warm dust

86-240×103GHz: Cool giants

460×103GHz: Hot stars





Credits

 Multiwavelength Milky Way: NASA/GSFC <u>http://mwmw.gsfc.nasa.gov/</u> mmw product.html#slides

