

Grain observables

- ◆ **hii_paris with grains**
- ◆ **Plot emergent SED**
- ◆ **Grains in output**
- ◆ **Continuum_bands.ini**

PDRs & molecular regions

- ◆ **AGN3 Chap 8, Appendix A6**

- ◆ **Abel et al. 2005**

- The H II Region/PDR Connection: Self-consistent Calculations of Physical Conditions in Star-forming Regions

- Abel, N. P., Ferland, G. J., Shaw, G., & van Hoof, P. A. M.

- 2005, *Astrophysical Journal*, 161, 65-95

- ◆ **Shaw et al. 2005**

- Molecular Hydrogen in Star-forming Regions: Implementation of its Microphysics in CLOUDY

- Shaw, G., Ferland, G. J., Abel, N. P., Stancil, P. C., & van Hoof, P. A. M.

- 2005, *Astrophysical Journal*, 624, 794-807

- ◆ “atom h2” turns on large molecule

SED that enters PDR

- ◆ **Stop hii_paris with grains at 1000K**
- ◆ **The need for CRs**
- ◆ **Form of SED PDR**

PDR SEDs

- ◆ **Table ism**
- ◆ **Extinguish**
- ◆ **Table Draine**

- ◆ **Examine pdr_*** and H2_pdr_*** sims in auto and slow**

Simple models of molecular cells
