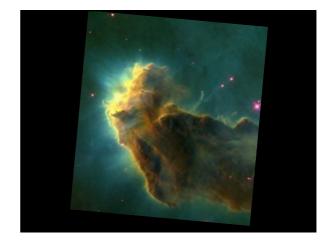
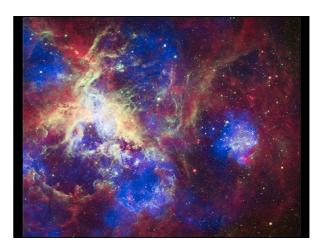
#### For tomorrow

- Homework! Please post questions on the yahoo group – this will help shape our discussion tomorrow
- Workshop ends with group presentations
- Have a "poster" summarizing the project for the presentation, and to post on the web site



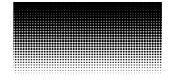




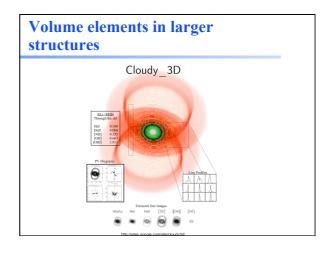
### **Covering and filling factors**

- Covering factor
  - -AGN3 ...
- Filling factor, how to do clumps
  - AGN3, hazy1

## Clumping • Filling factors, when clumps smaller than photon scale length - AGN3 Chap 5.9 - Hazy 1, Sec 2.3.5



# Clumping • Add together distinct clouds, when clumps larger than photon scale length - Balwin+ 1995 ApJ 455, L119+



## We see the densest regions

- A telescope is a linear detector
- 8.6 Fluctuations density period . . .
- ◆ Emission measure, *n*<sup>2</sup> *L* or *n*<sup>2</sup> *V* − AGN3 Sec 5.4