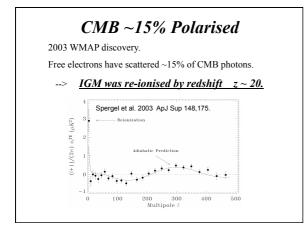
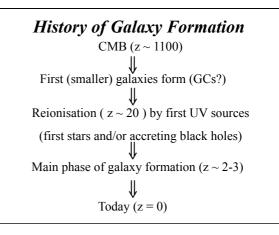
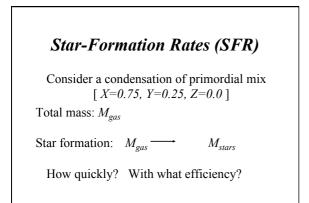


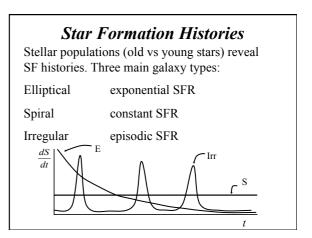
Recombination:

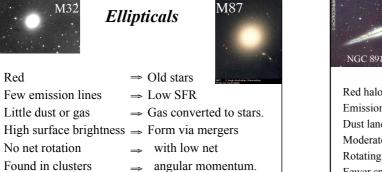
 $t_{\text{Rec}} = 3 \times 10^5 \text{ yr}$ $z_{\text{Rec}} = 1100$ Galaxy formation (collapse time): $t_G = 10^7 \text{ yr}$ $z_G = ?$















Blue

Very dusty

Rotating

Have few GCs

Mainly in field

Low surface brightness

Have many GCs



- High SFR
- Large gas reservoir **⇒**
- High angular momentum
- Form via collapse.
- Easily disrupted.

