





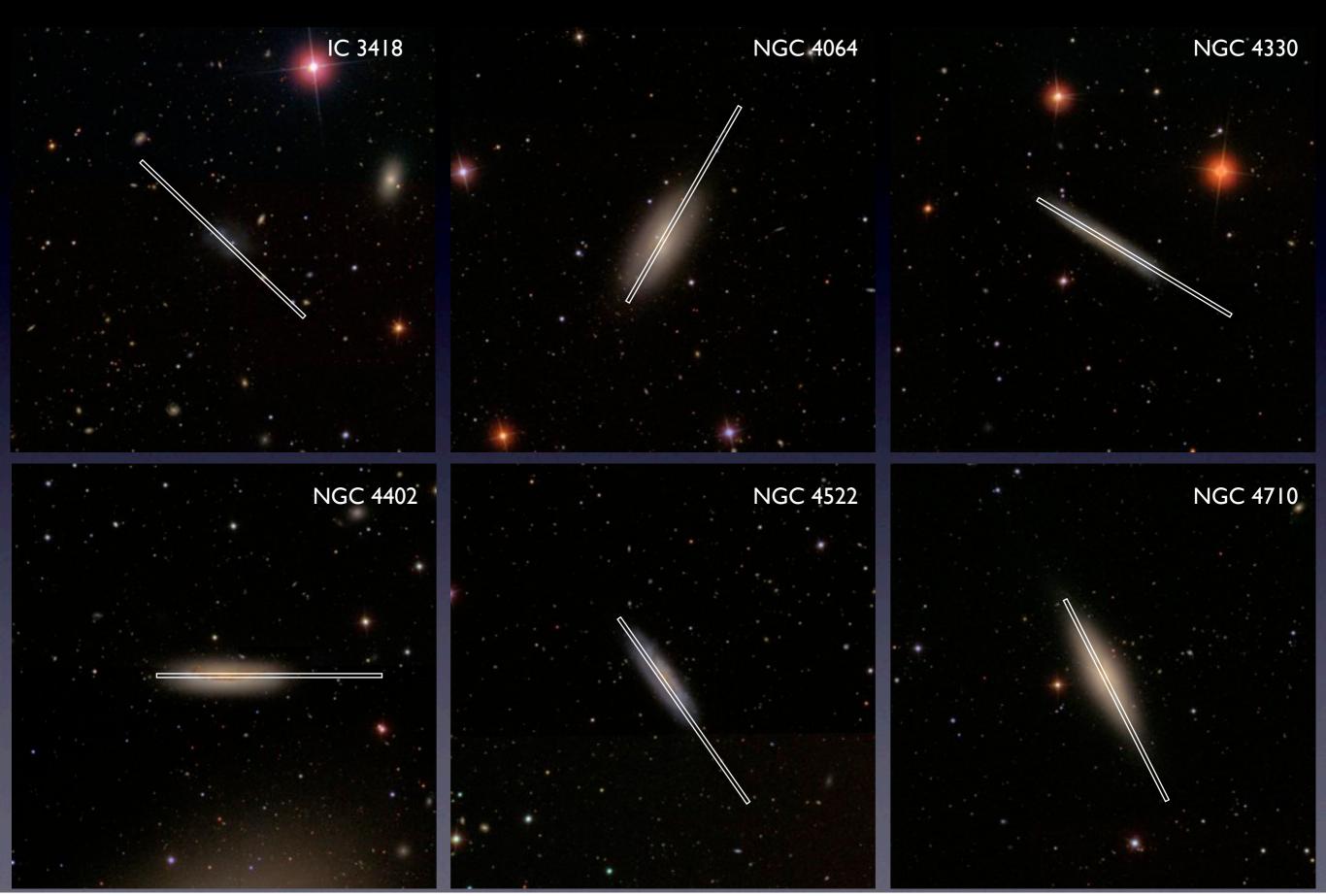


Hugh holding the slit plate

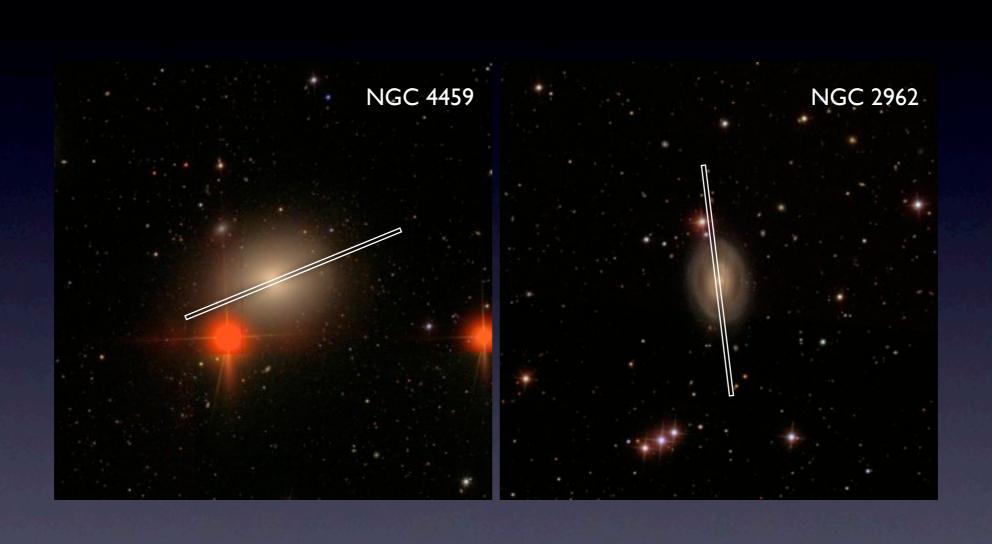
Jeff holding the slit plate

Jeff and Hugh dropping the slit plate on the ground (not pictured)

Observations



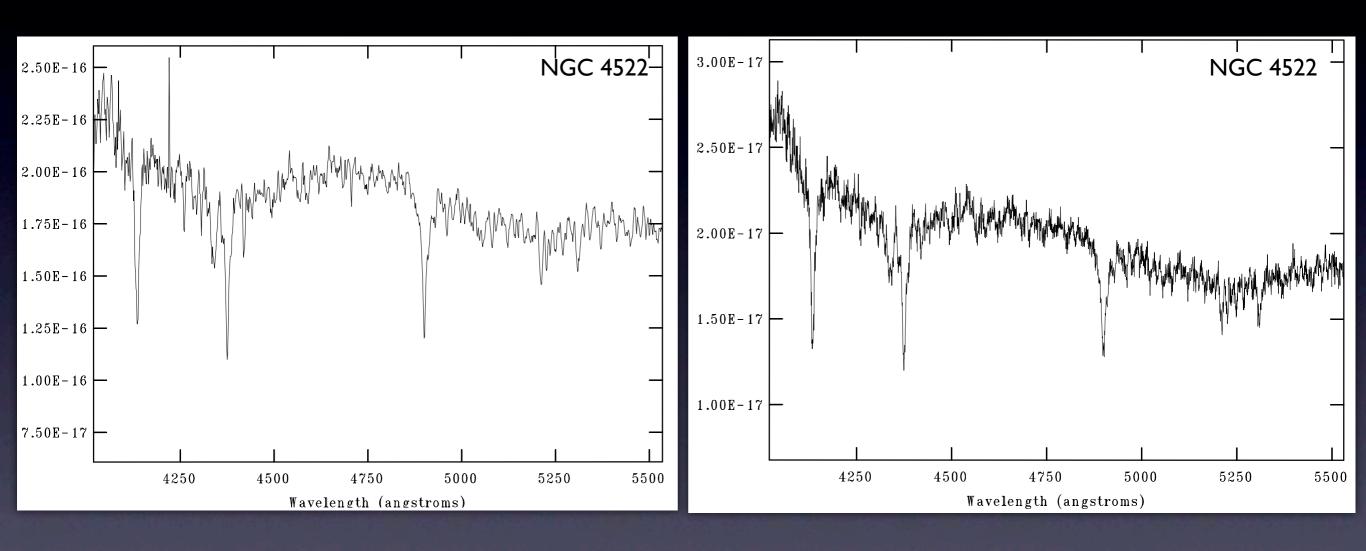
Observations



NGC 4522

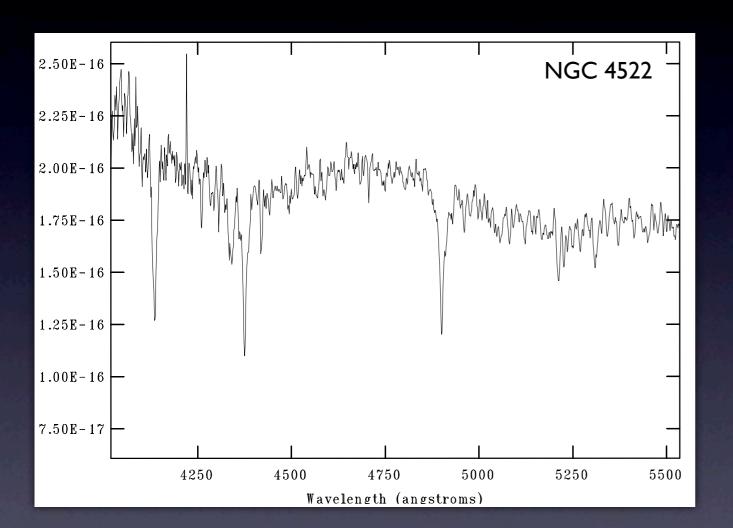
Sparsepak

Keck LRIS

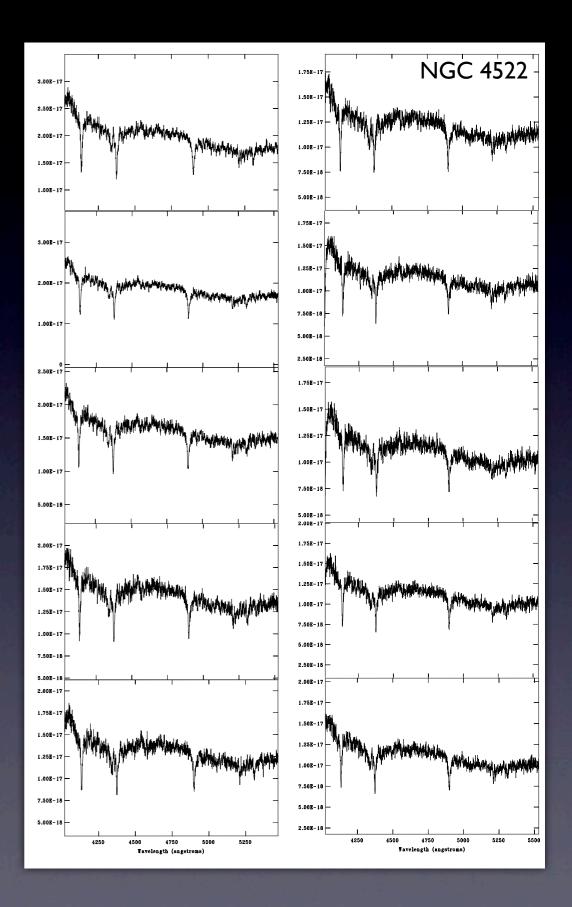


I/I0 of the radial area(~2 % collecting area)

Sparsepak



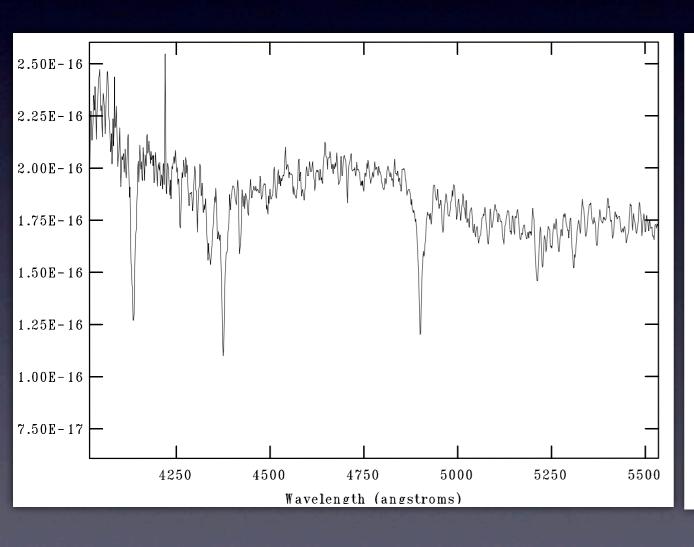
Keck LRIS

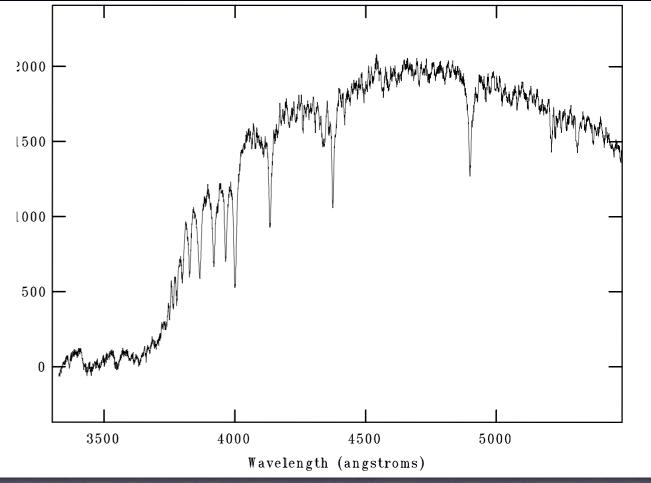


NGC 4522

Sparsepak

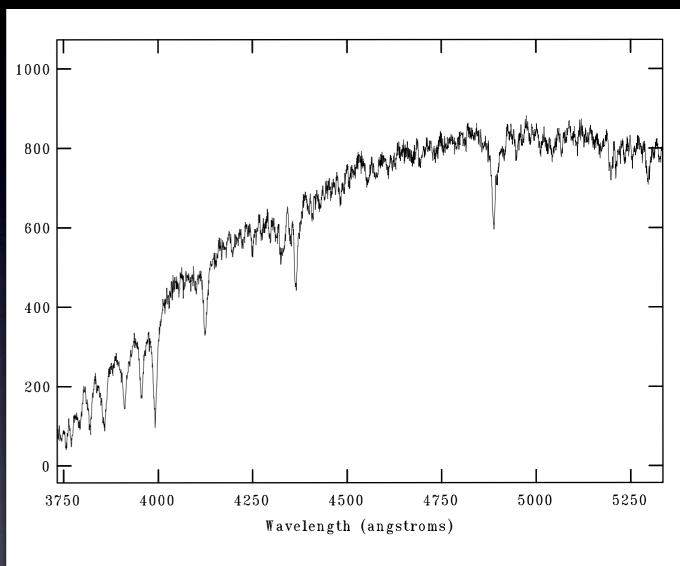
Keck LRIS





NGC 4330: Upturn

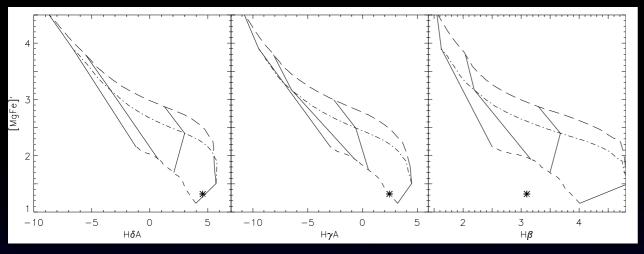


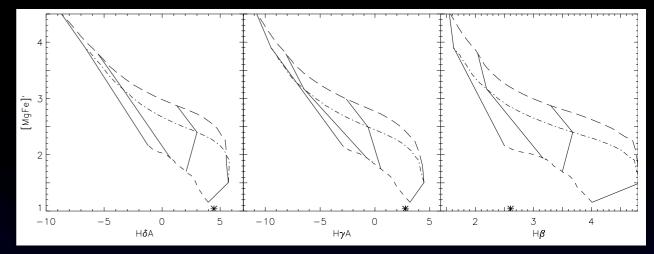


5" - 10" from nominal truncation radius

NGC 4330: Upturn

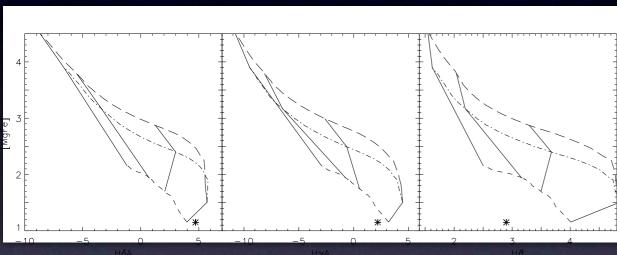
Models assume truncation + a 2% burst

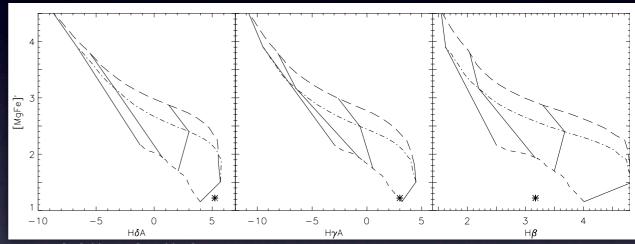




5" - 10" from nominal truncation radius

15" - 20" from nominal truncation radius





10" - 15" from nominal truncation radius

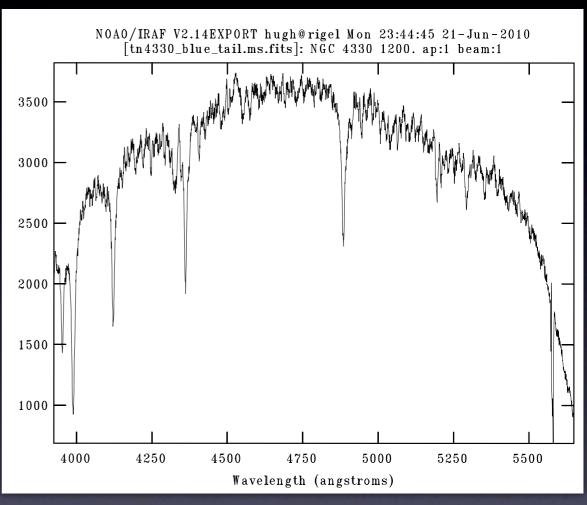
20" - 25" from nominal truncation radius

Preliminary Thoughts

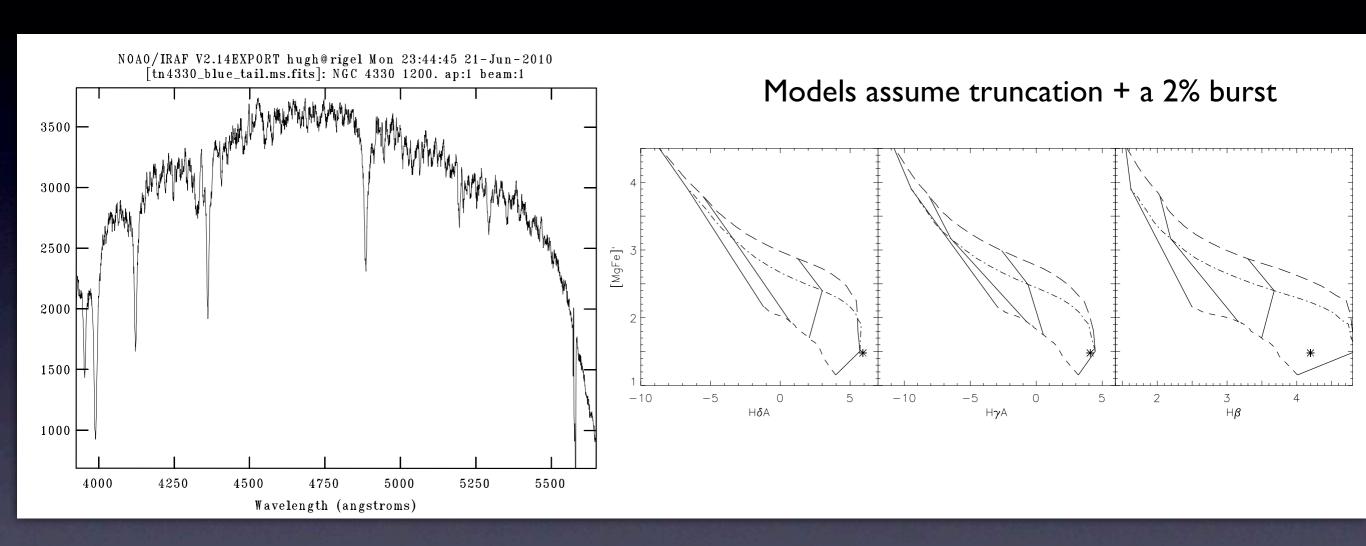
- •No apparent gradient within first 25" (2kpc) from stripping radius
- •H β surprisingly weak (compared to H γ and H δ)
 - •emission fill-in?
 - •complex stellar population (e.g. a big burst?)
- •Young quenching age: ~50 Myr, assuming 2% Burst + stripping
 - •Older, if there was a burst at the time of quenching (as suggested by GALEX)

NGC 4330: Tail Side IN DISK





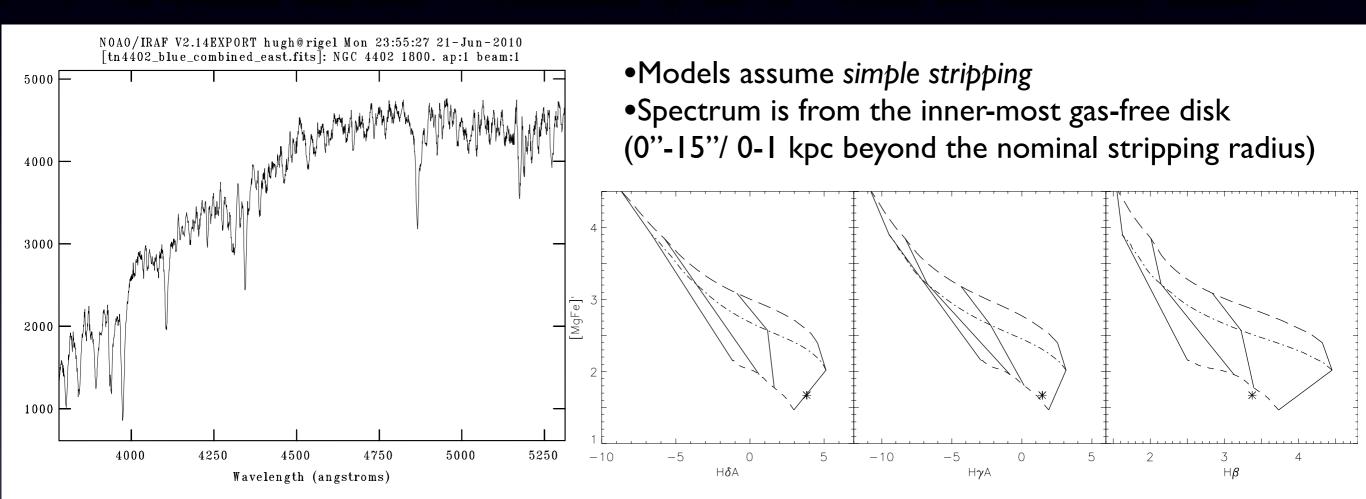
NGC 4330: Tail Side IN DISK



Preliminary Thoughts

- •Stronger Balmer absorption lines than any Virgo outer disk I've ever observed
- Star formation going on very recently
 - •~50 Myr assuming a 2% burst; GALEX analysis will be helpful here

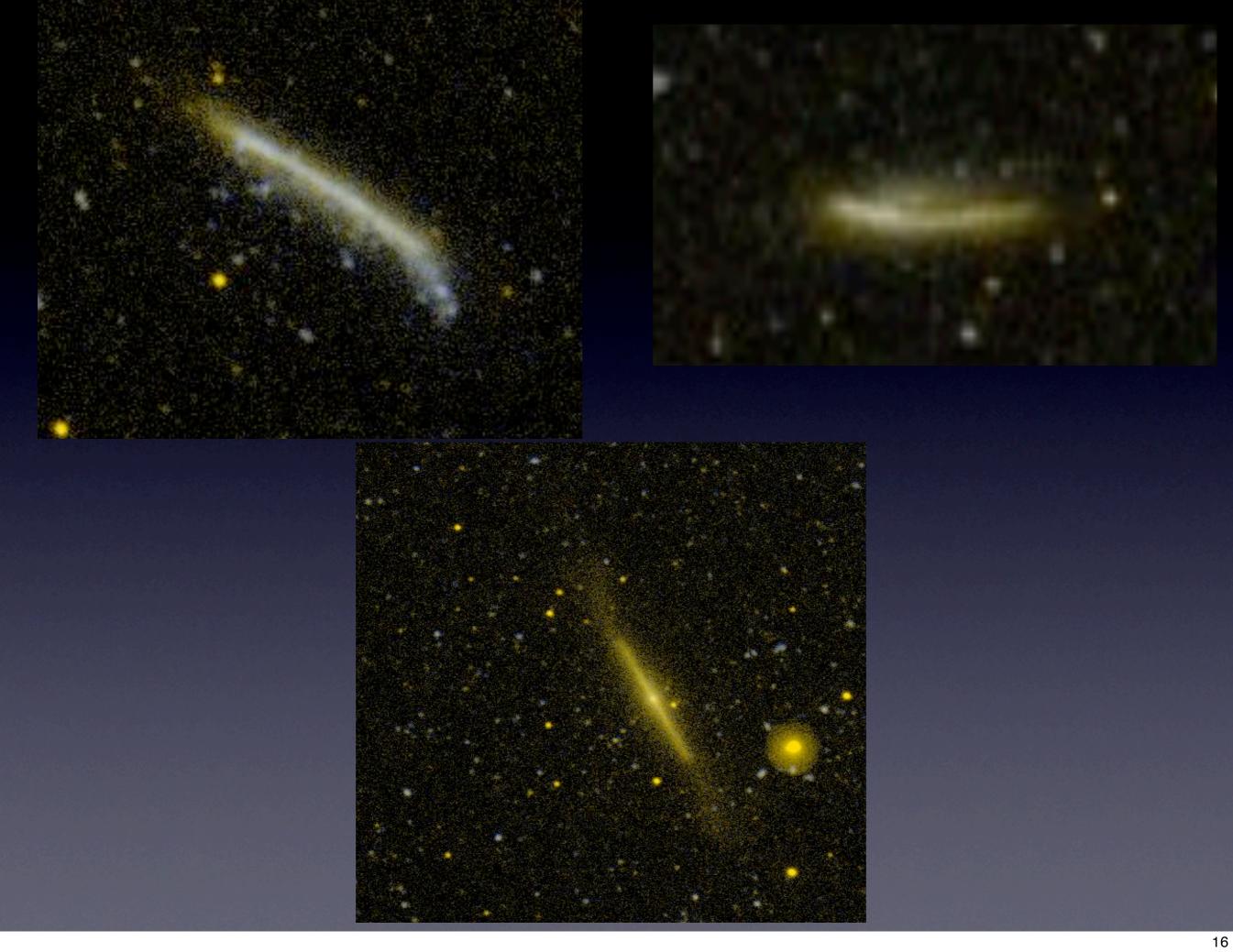
NGC 4402: Leading Edge



Preliminary Thoughts

- •Young quenching age: ~50-100 Myr ago assuming simple stripping
- •Possible gradient will be particularly interesting here





Next Steps

- I.Finalize reduction process and work out final problems
- 2.Measure photometry from GALEX and SDSS on one "test case" to try more complex stellar population modeling
 - NGC 4330?
 - NGC 4522?
- 3.Look at possible population gradients leveraging both Keck and GALEX simultaneously
 - Starvation?
 - Two-zone stripping?