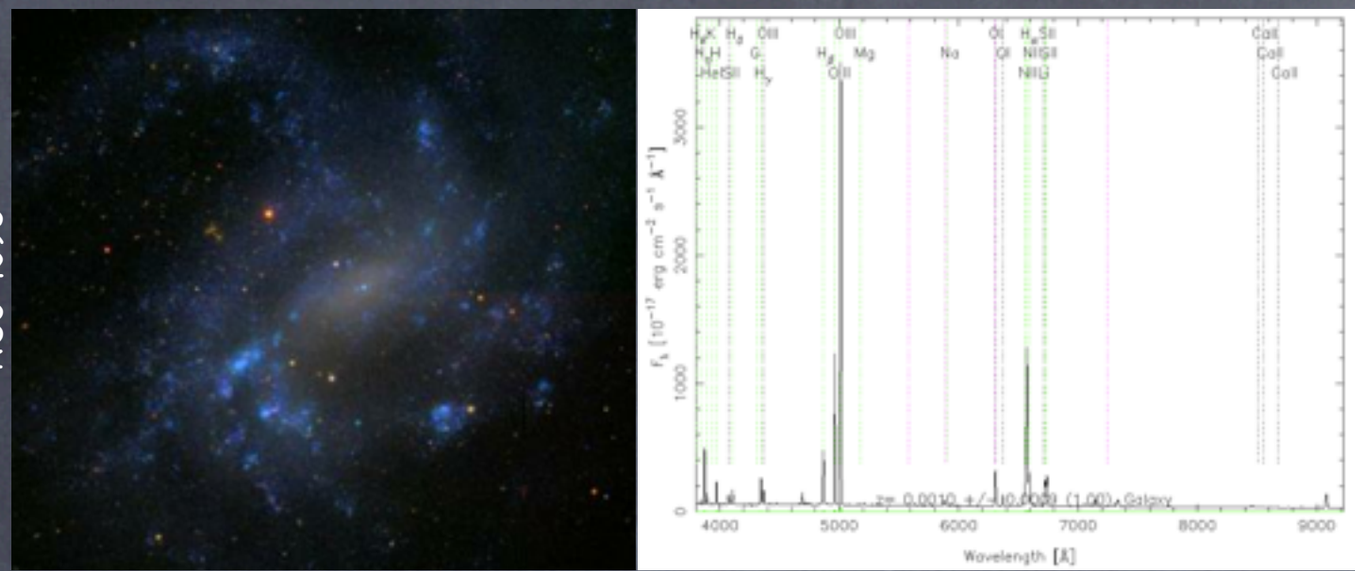
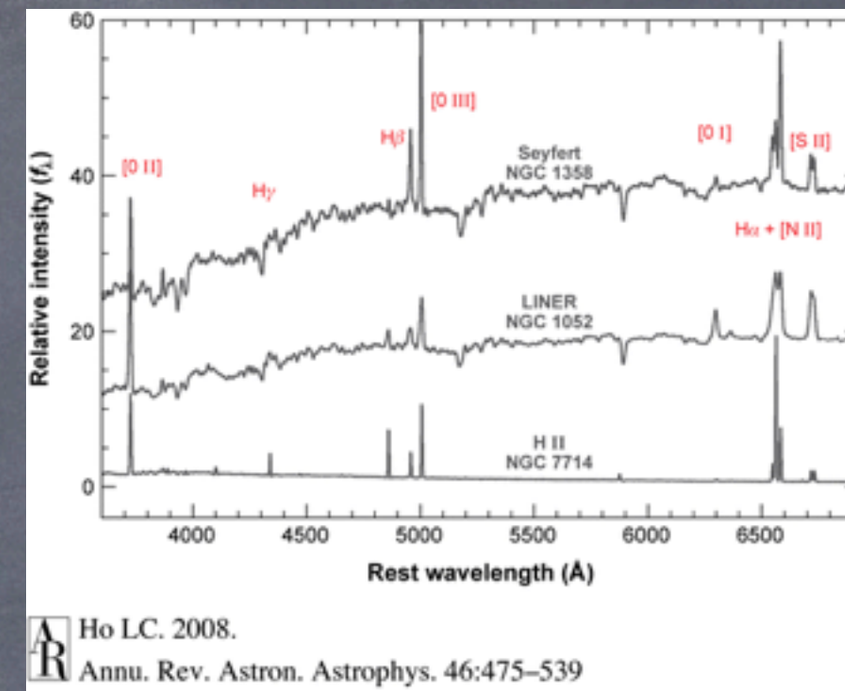
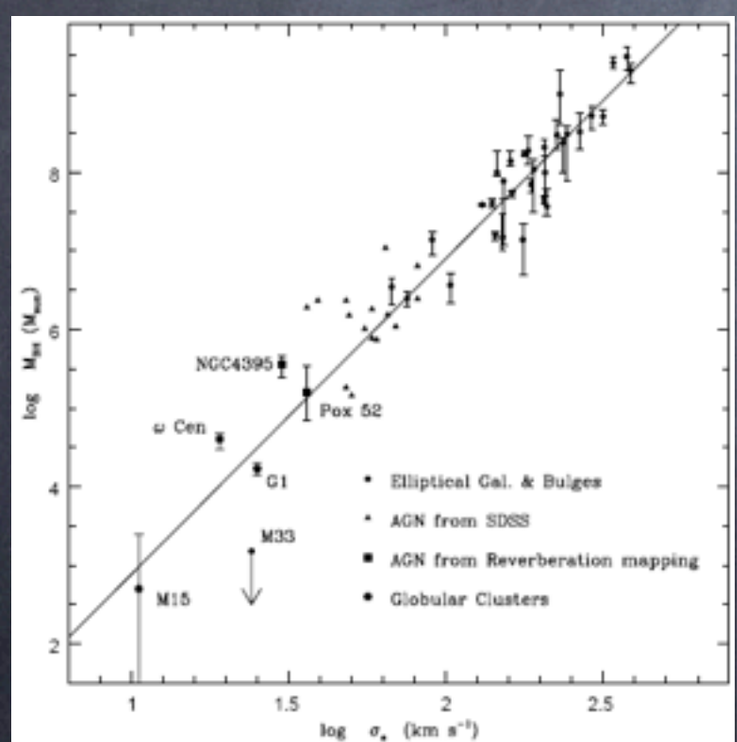
NGC 4395



SDSS Image & Optical Spectrum



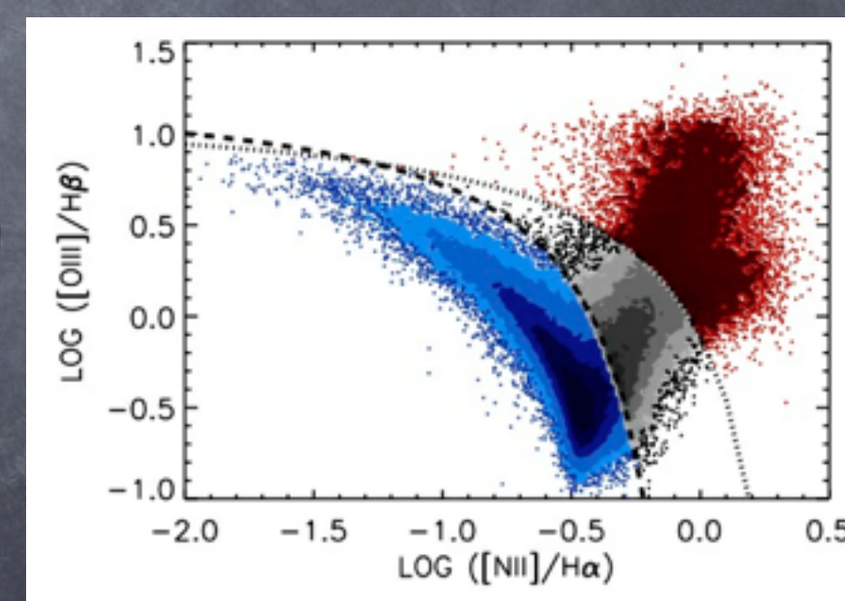
AGN & star forming region spectra



M_{BH}-σ Relation

Project Goals

- Low mass end of M_{BH}-σ relation
- Black hole occupation fraction
- SMBH seed model constraints



BPT Diagnostic Diagram