

AGN Feedback

1. What form does it take?

Radio mode (jets)

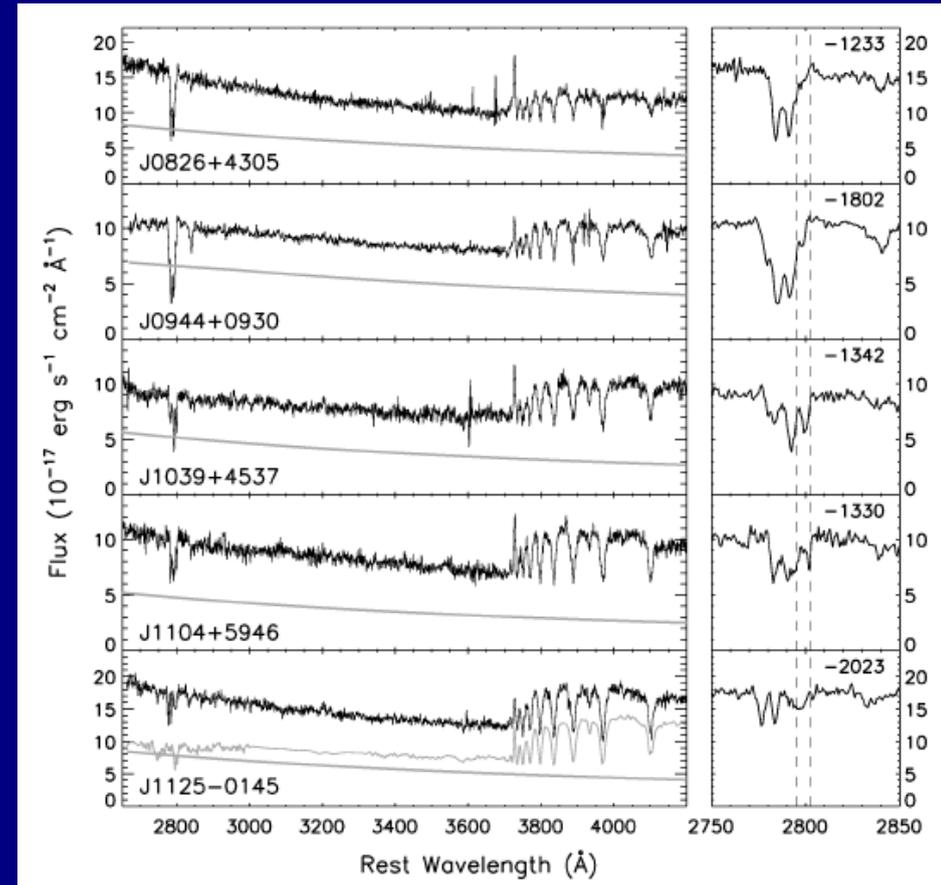
Quasar mode (BAL, NAL,

NLR OF, neutral OF, ...)

2. Can it really quench SF?
Need it?

*Mass outflow rates,
energetics, ... something
else?*

3. What's needed to inform
prescriptions?



Negative Feedback

- What's the “smoking gun” for quenching of SF or AGN activity by winds? Are timescale constraints enough?

Understanding wind physics

- Hopkins: We need constraints from the observers.
- Observers' response: For better constraints, we need detailed, self-consistent, multi-phase hydrodynamic simulations of winds that we can compare to the complex array of data. We also need multiphase observations.
- What are the prospects for this?

Starbursts vs. AGN winds

- What is the relative importance of these for galaxy evolution? (E.g., Which is more important for quenching SF?)