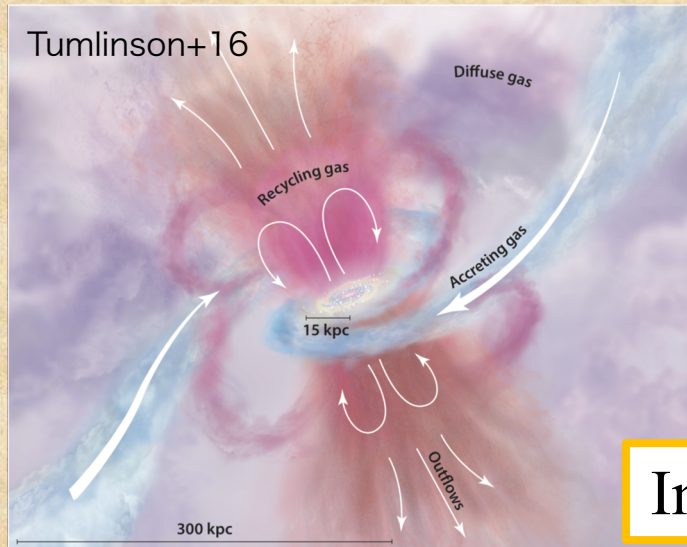


Inflow & outflow parameters of nearby galaxies revealed by SDSS & ALFALFA

P6

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Observable values M_* , M_{gas} , and Z_{ISM}

Using simple model



Information of (unobservable) inflow/outflow

- Galaxy inflow & outflow are very important.
- However, it's difficult to observe them directly with current instruments.
- Using an analytical model and observable value (M_* , F_{gas} , Z_{ISM}), we investigate the properties of inflow and outflow.
- We found that they show some trends with ΔMS & stellar mass.