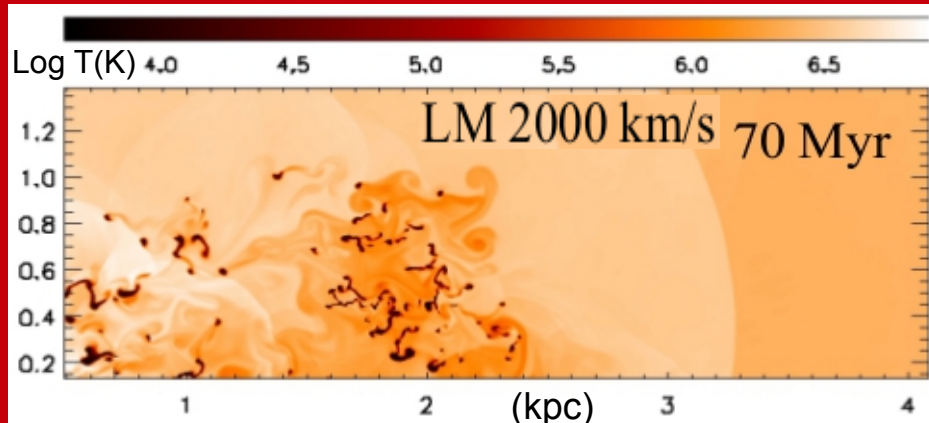
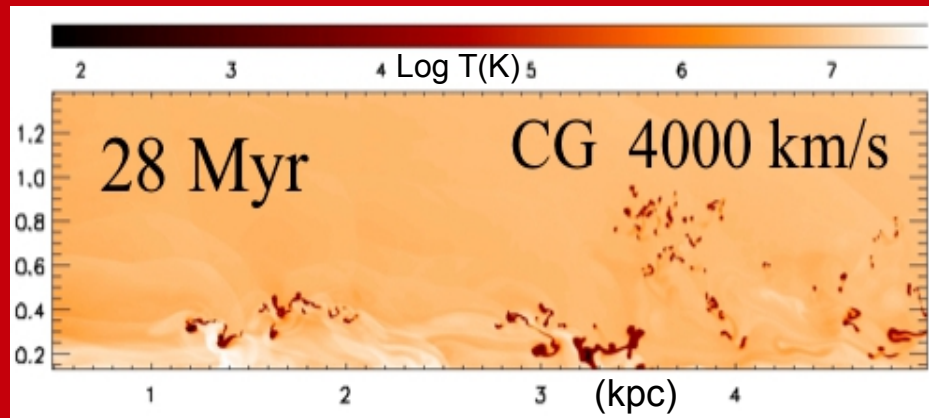


COOLING HOT GAS IN ELLIPTICALS BY AGN FEEDBACK

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- Elliptical galaxies have multiphase ISM
- Internal origin of cold gas: spatially distributed cooling process triggered by AGN feedback outbursts
- Dust content of cold gas: crucial test for its origin



- Three models of ellipticals
- Hydrodynamical simulations
- Dust evolution: sputtering+growth to
- Quantify off-centre cooled gas
- Understand when and where gas cools because of thermal instabilities
 - Analyze dust content of cooled gas

