RADIATION PRESSURE-DRIVEN GALACTIC WINDS

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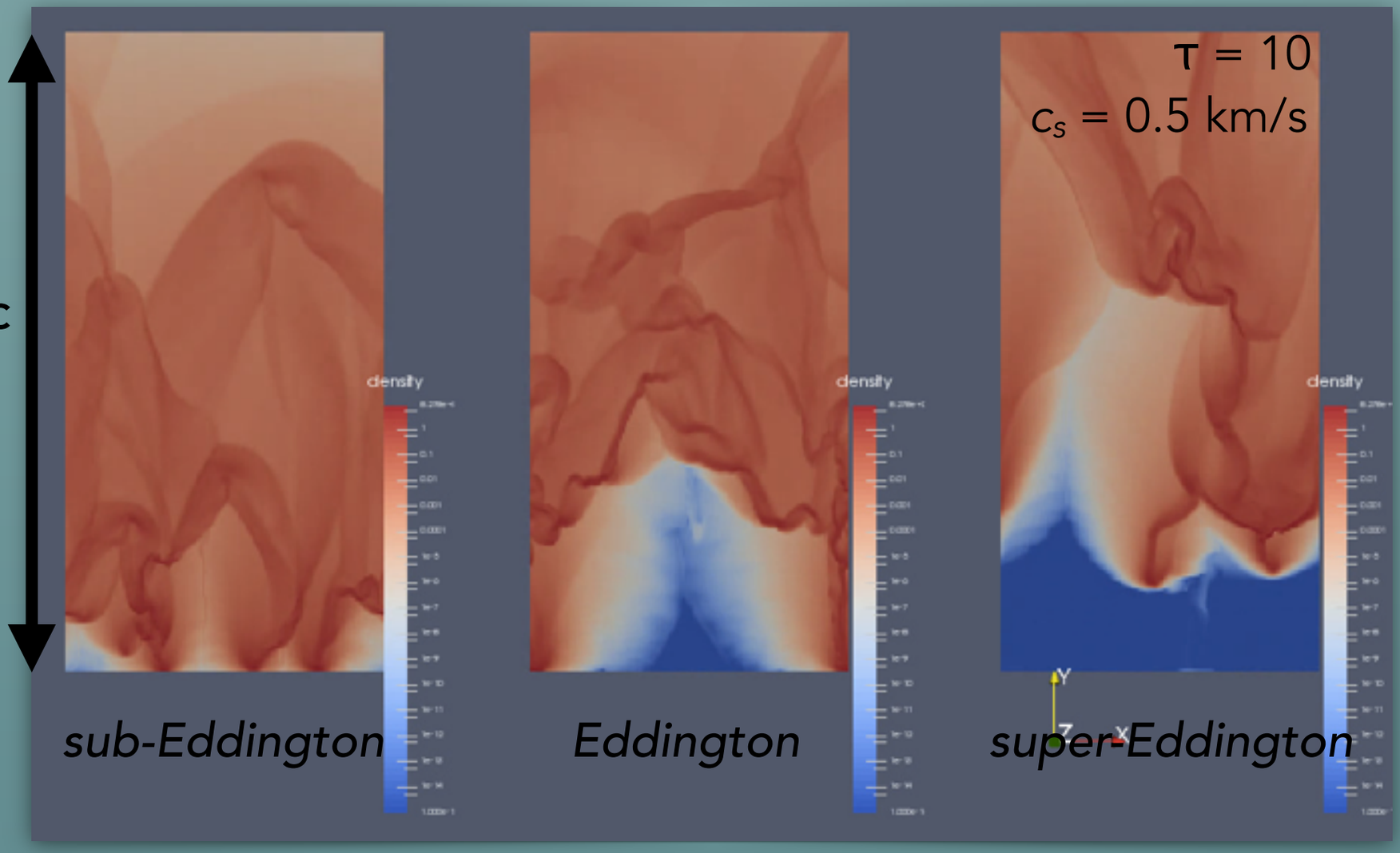
- Isotropic non-ionizing UV radiation incident from lower boundary
- Plane-parallel gravity
- Frequency-integrated dust absorption opacity (+ isothermal approximation)
- Solve the time-independent radiation transport equation with my discontinuous Galerkin discrete ordinates code
- Add momentum source term to ATHENA



- **Mach ~1-3 turbulence is produced directly from the radiation Raleigh-Taylor instability when near the Eddington flux**
- Column-density dependent acceleration is consistent with intuition about buoyancy