## yt for cosmology

(a mostly hands-on introduction)

### a little more introduction to yt

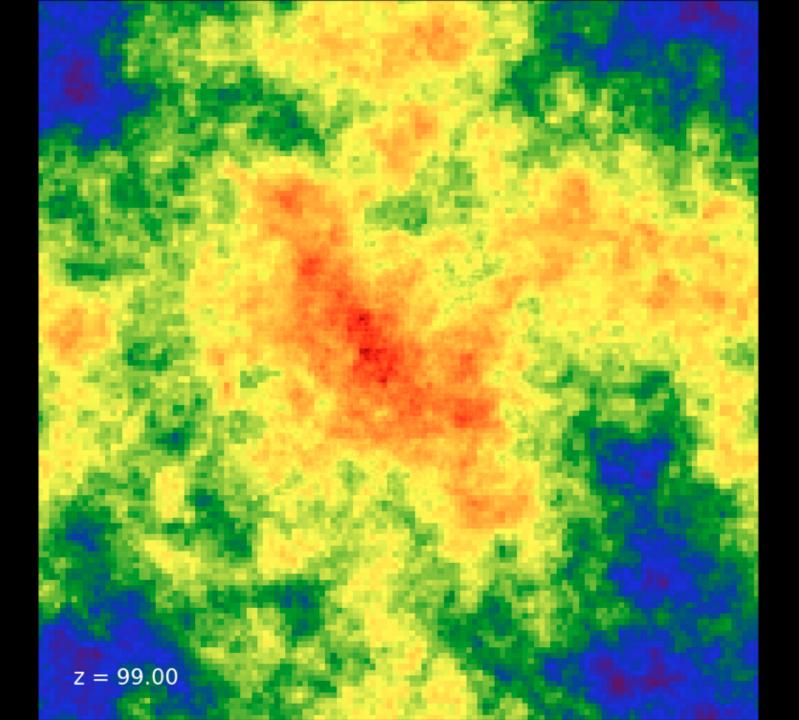
#### Astrophysical Simulation Analysis & Visualization

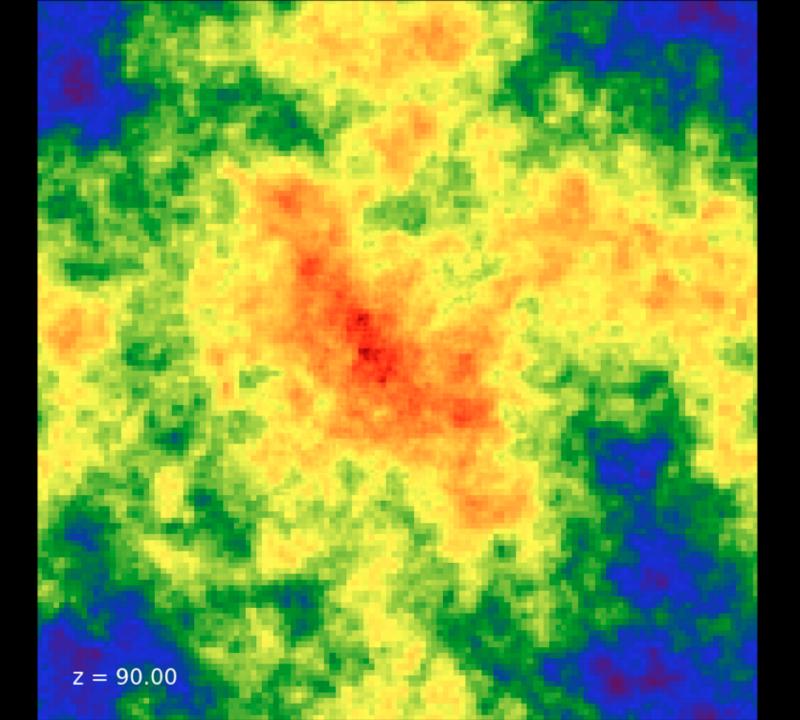


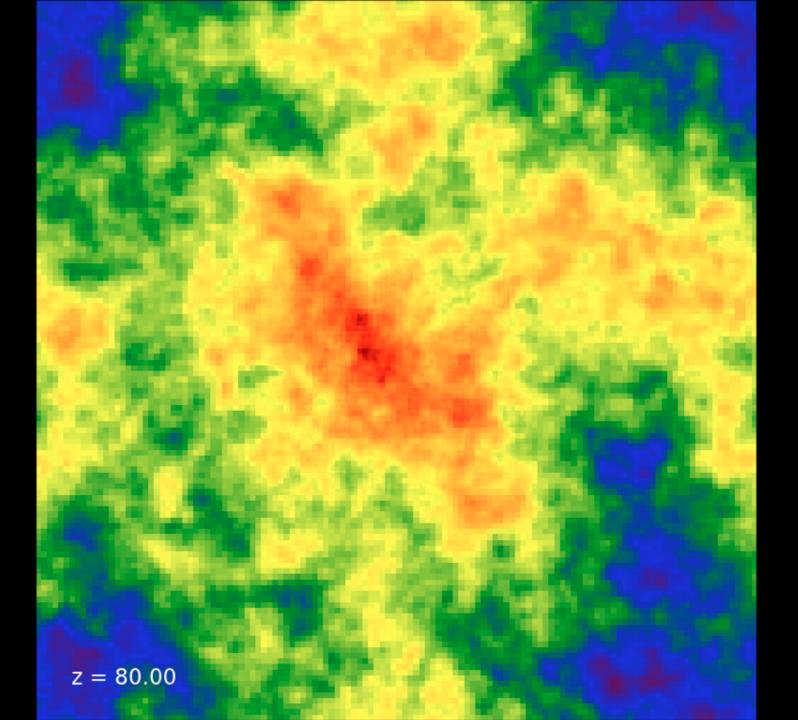
astro-ph/1011.3514 astro-ph/1112.4482 astro-ph/1301.7064

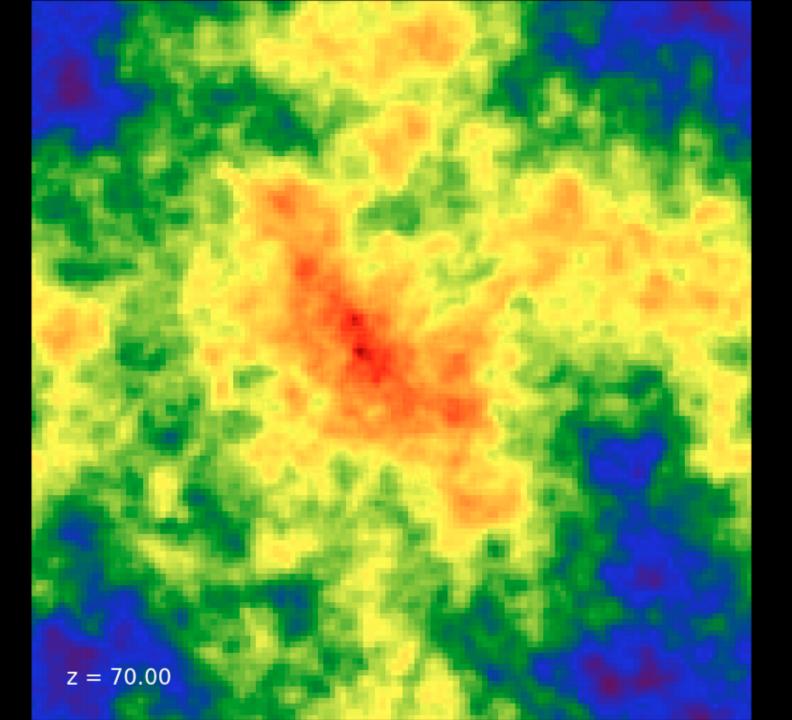
yt-project.org

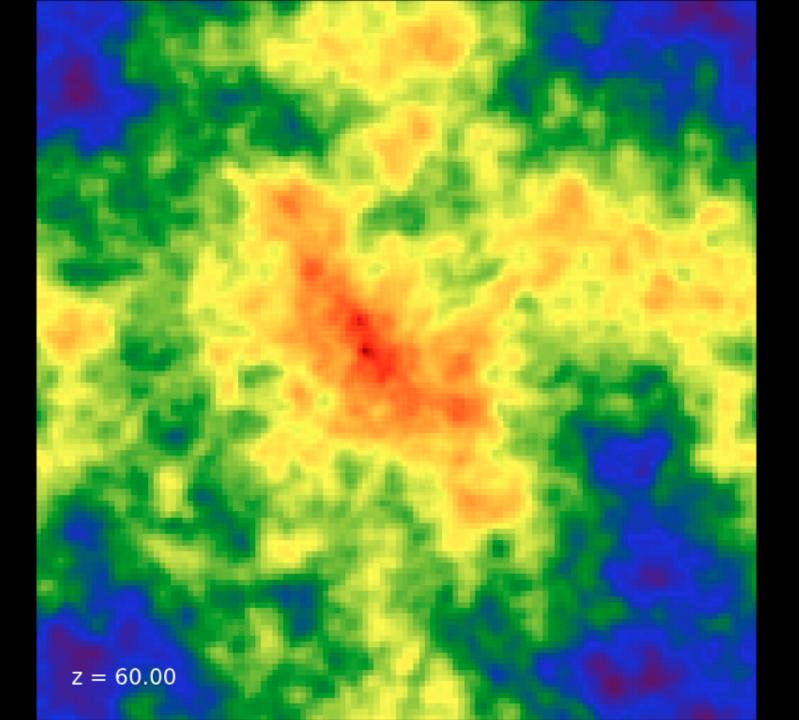
## w to make a star?

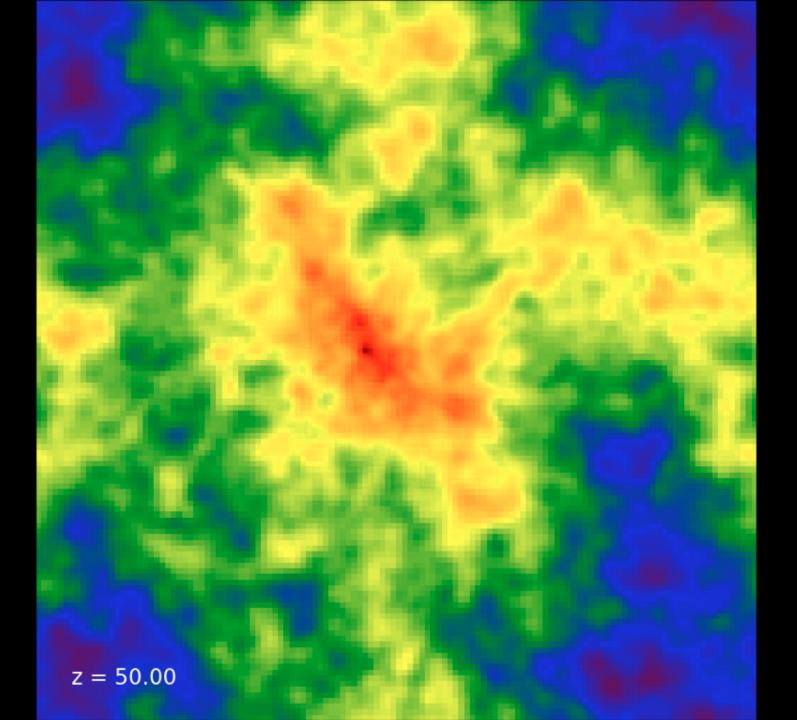


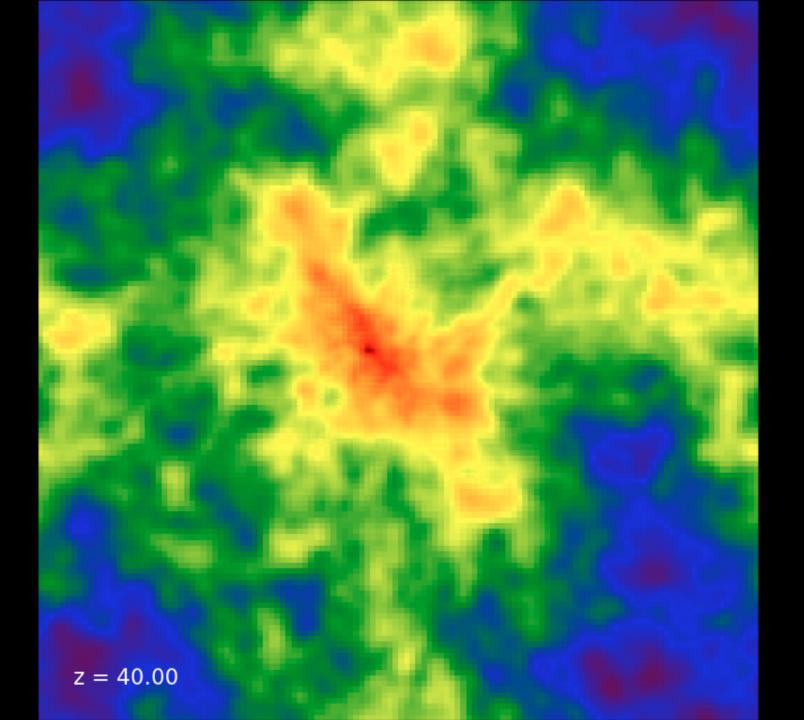


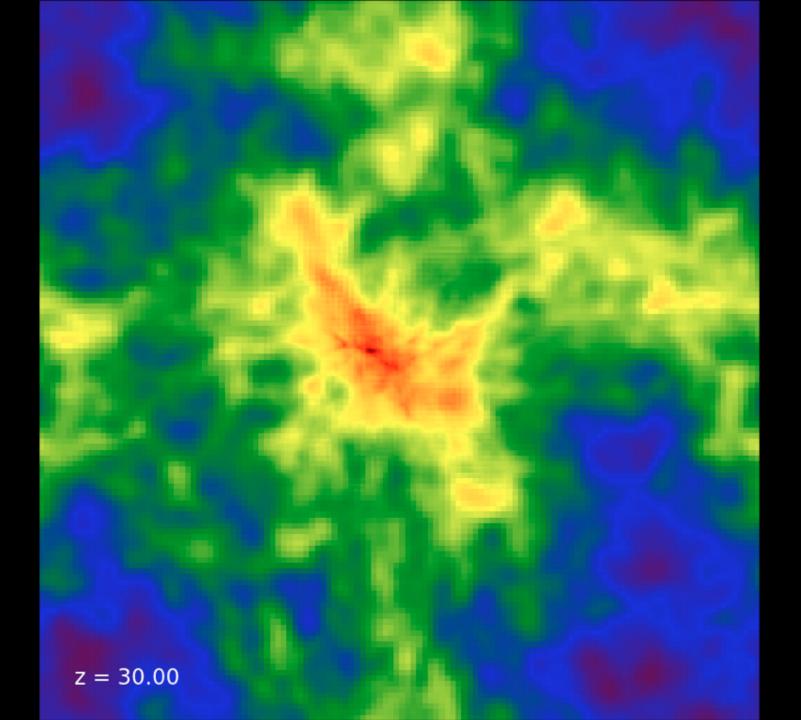


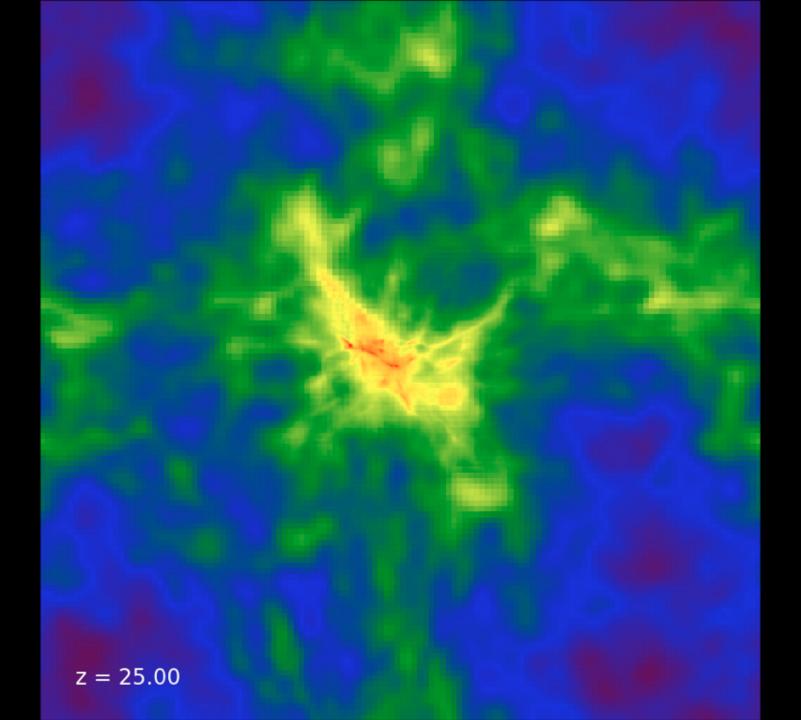


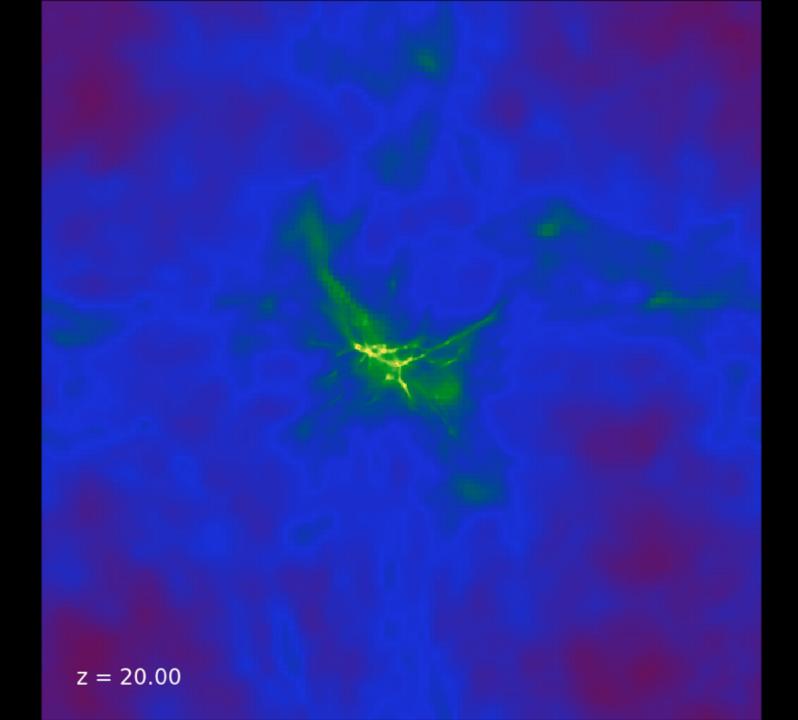




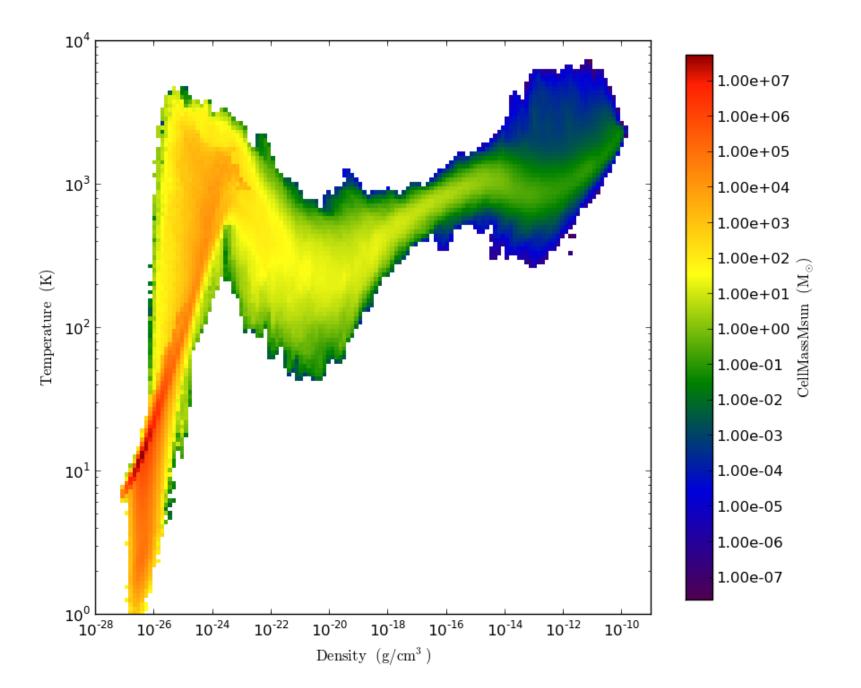


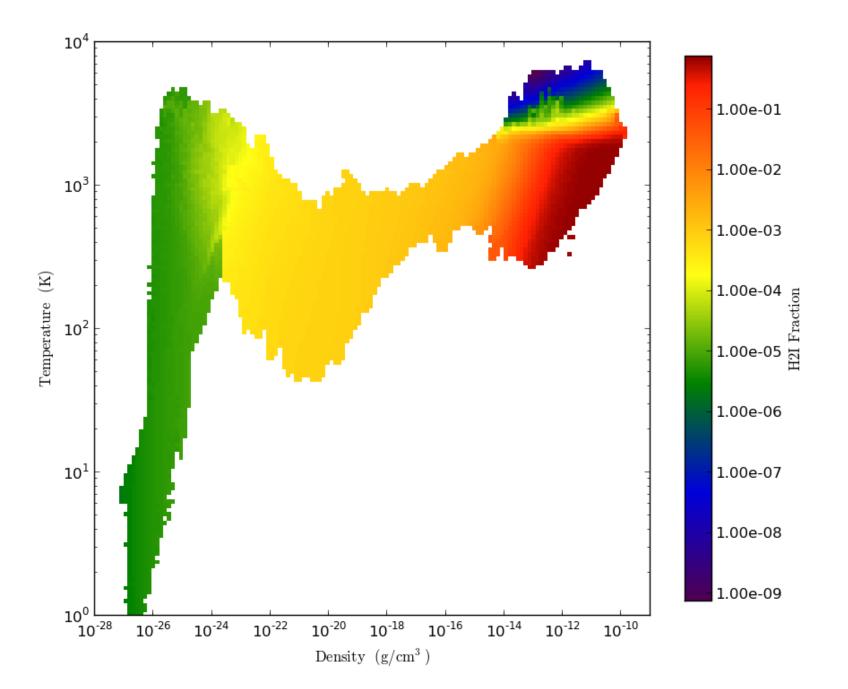


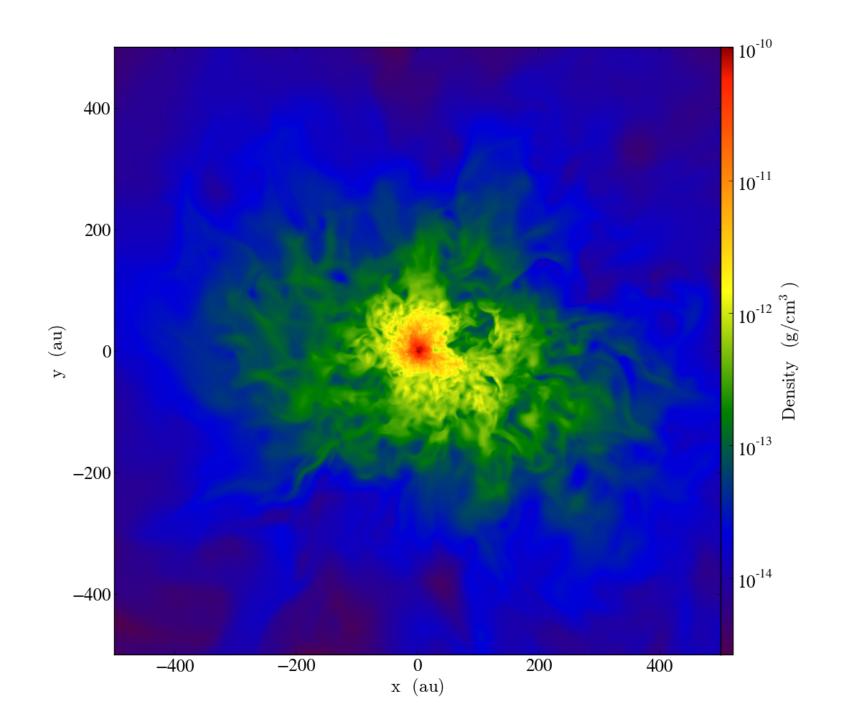


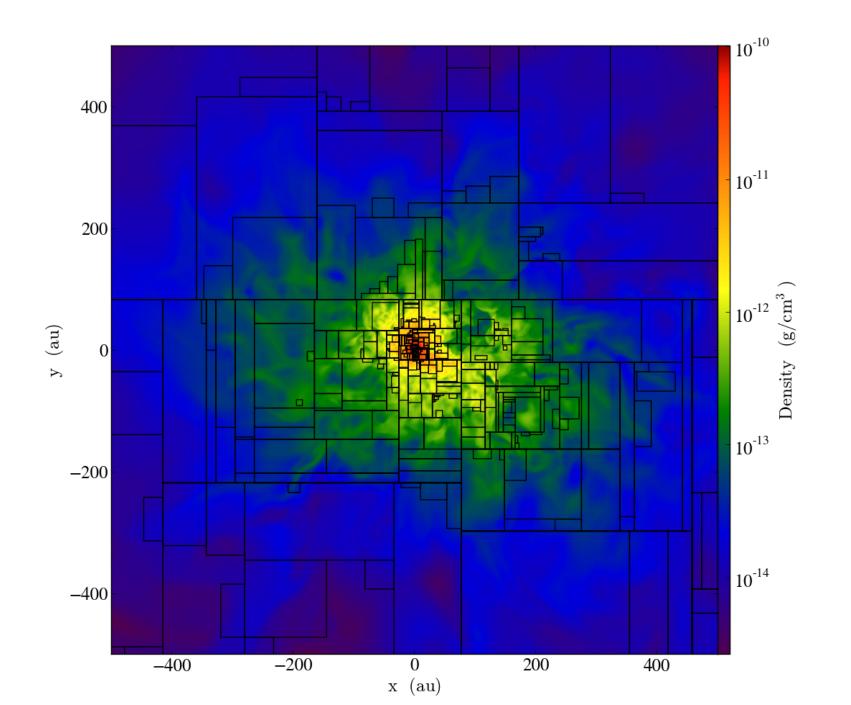


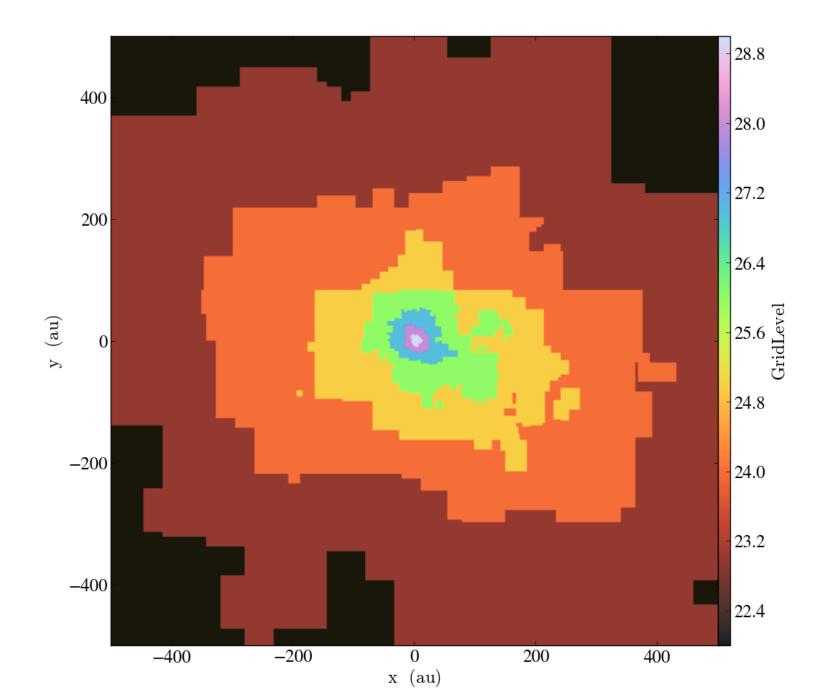
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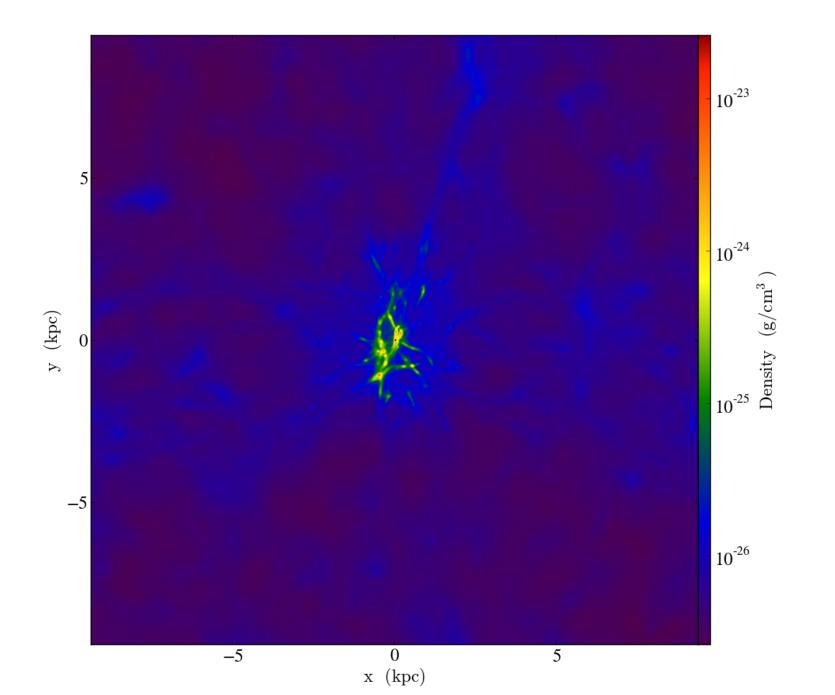


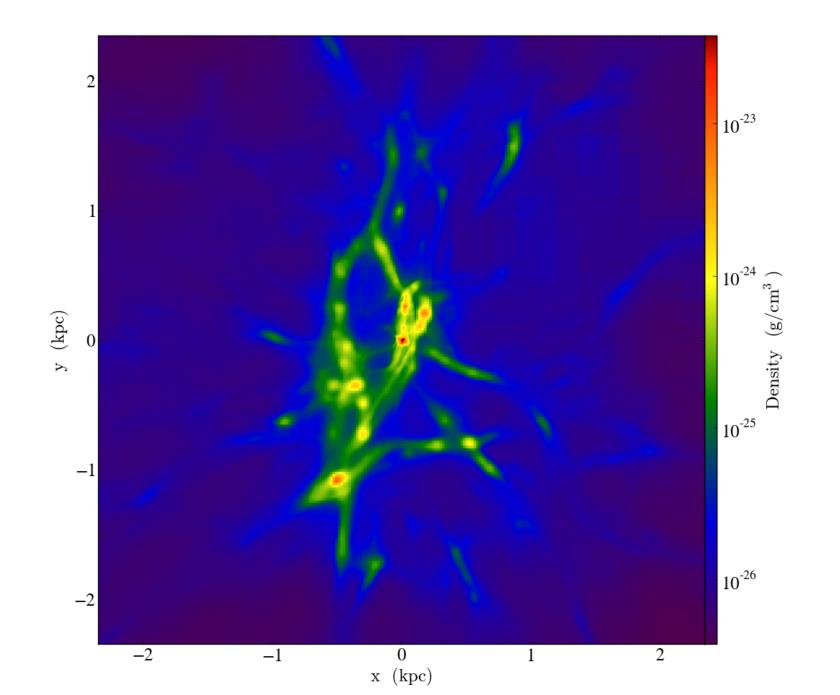


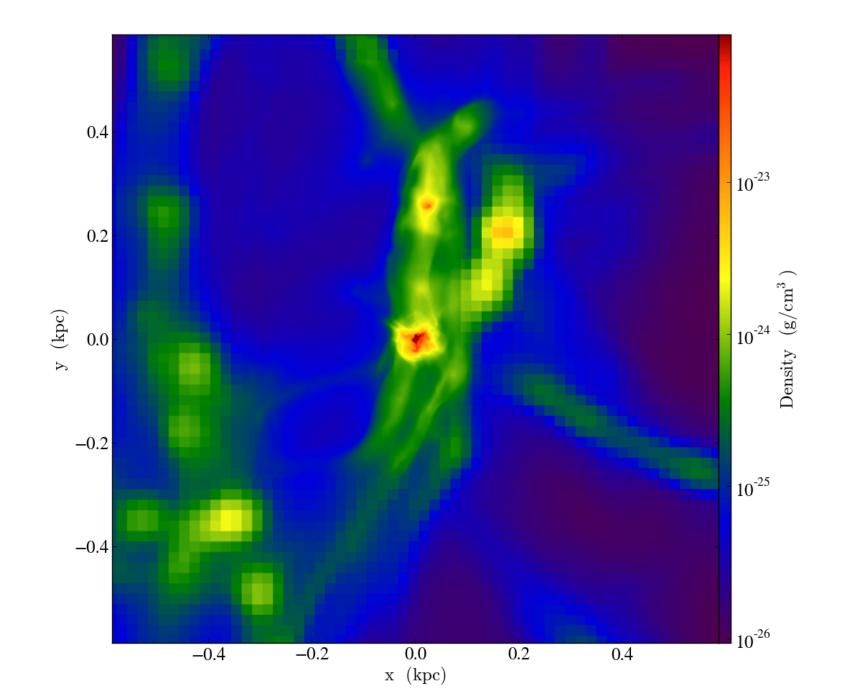


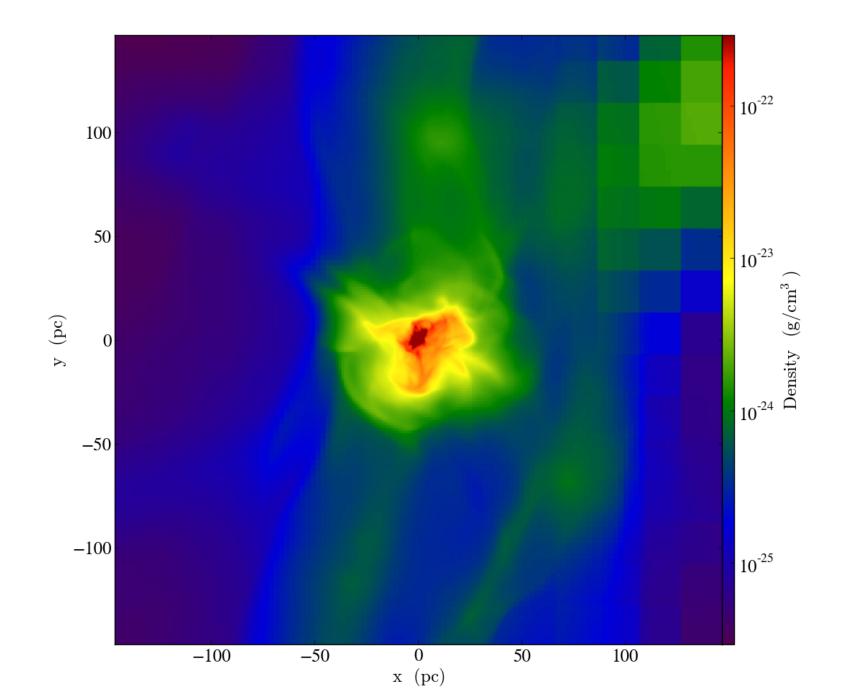


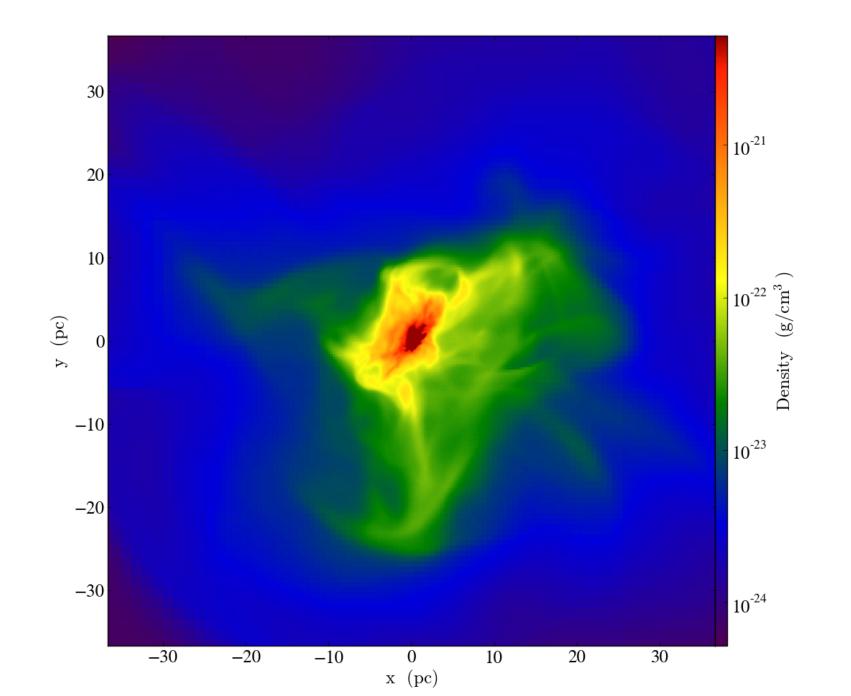


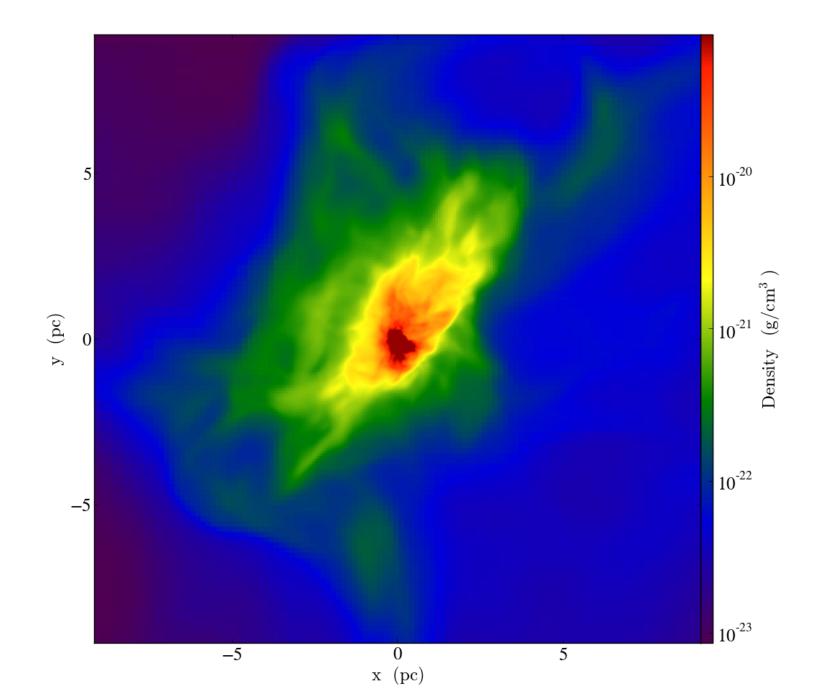


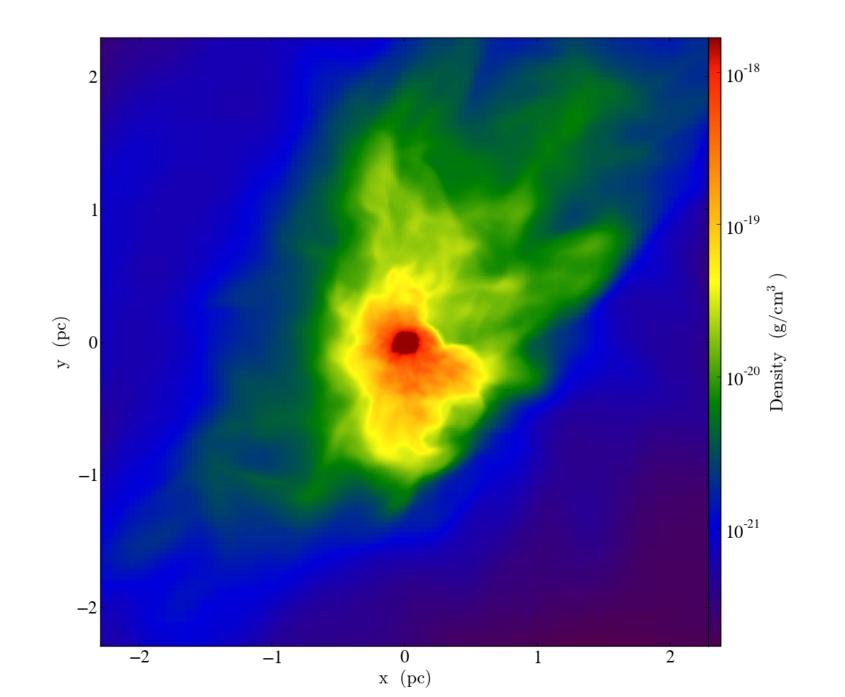


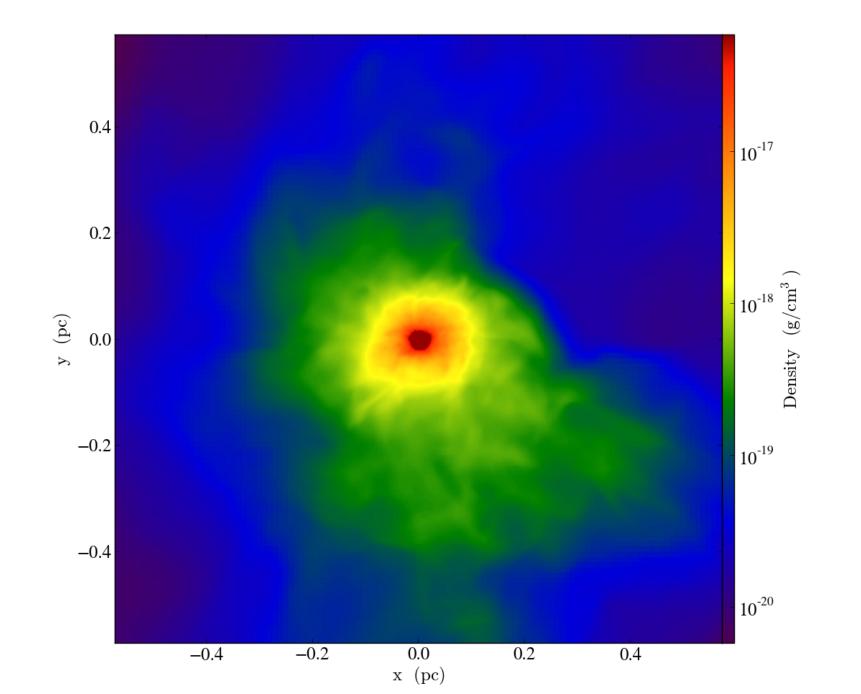


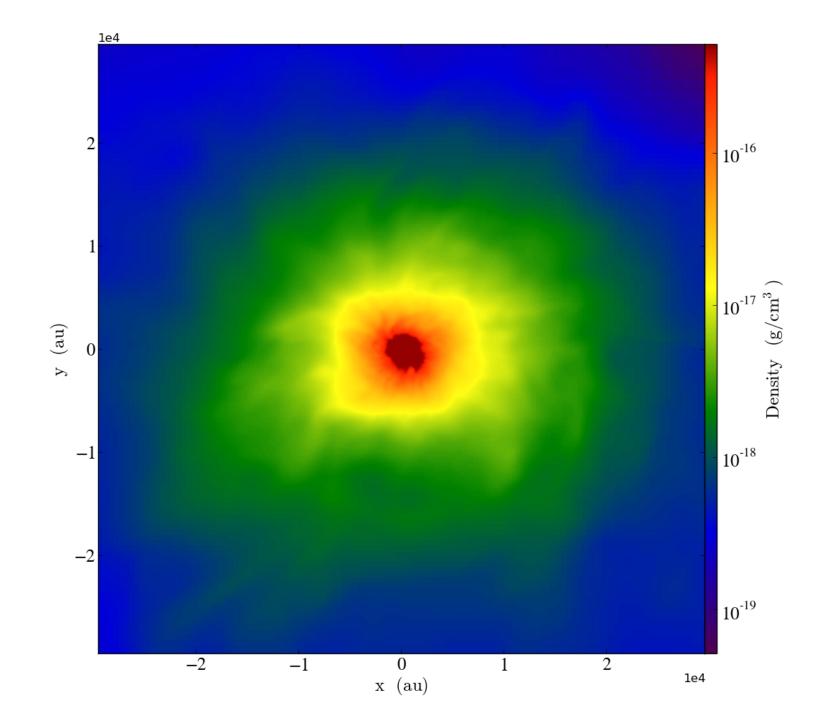


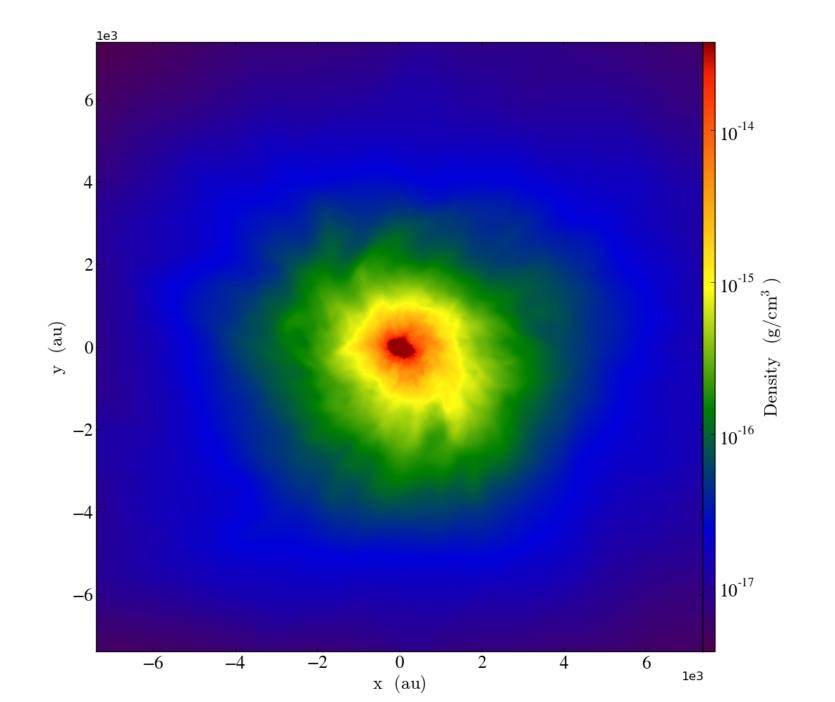


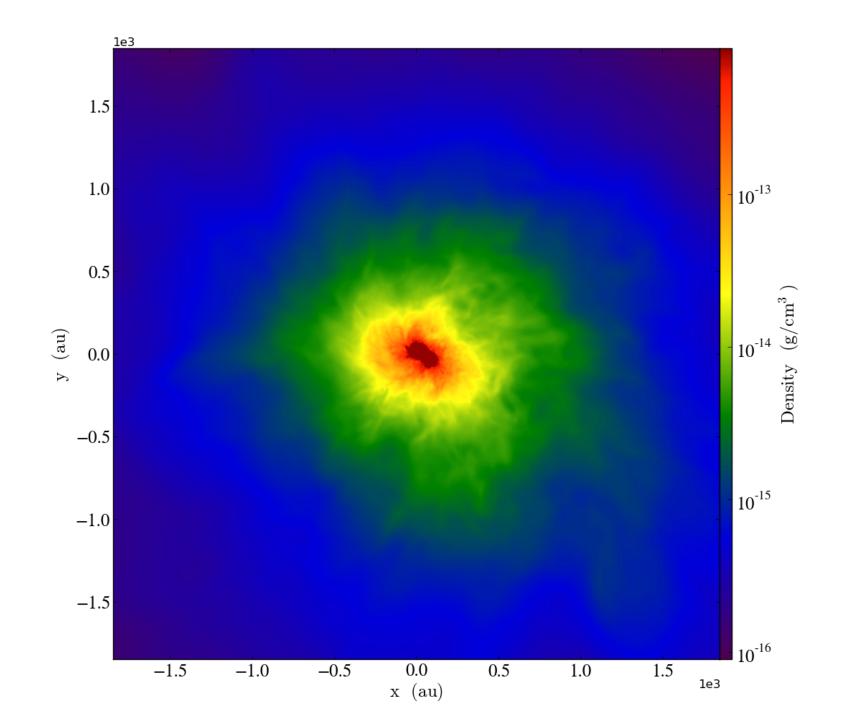


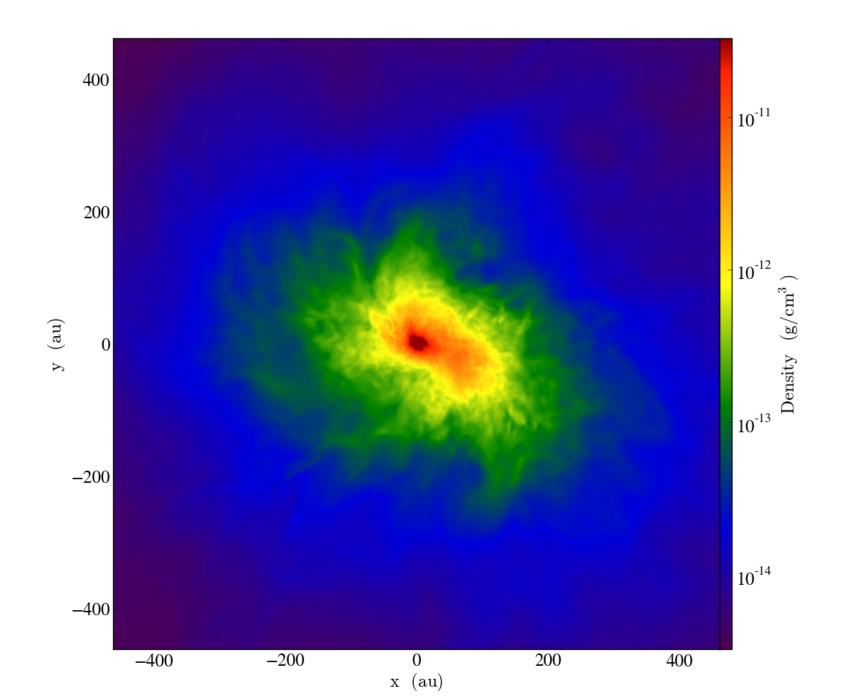


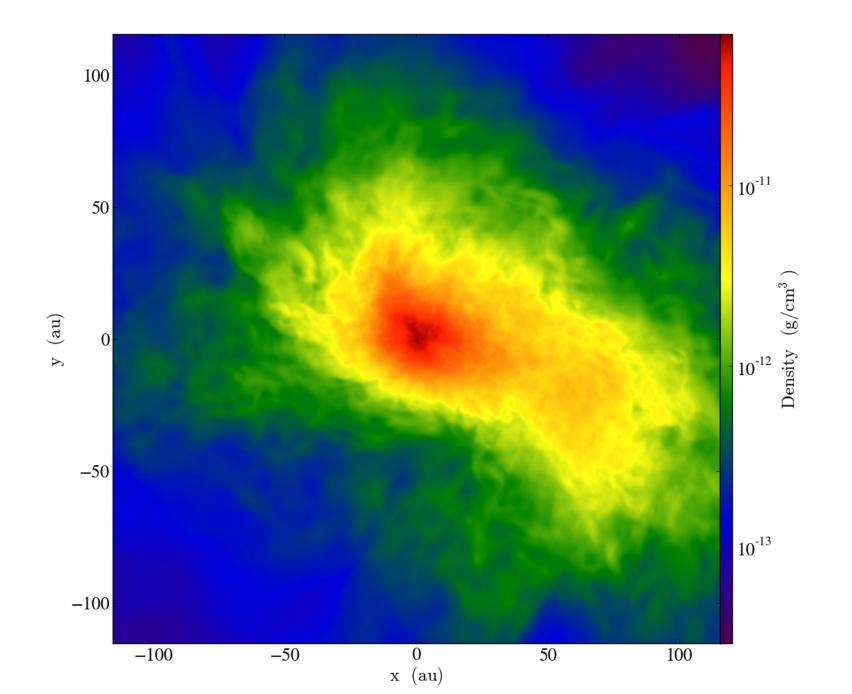


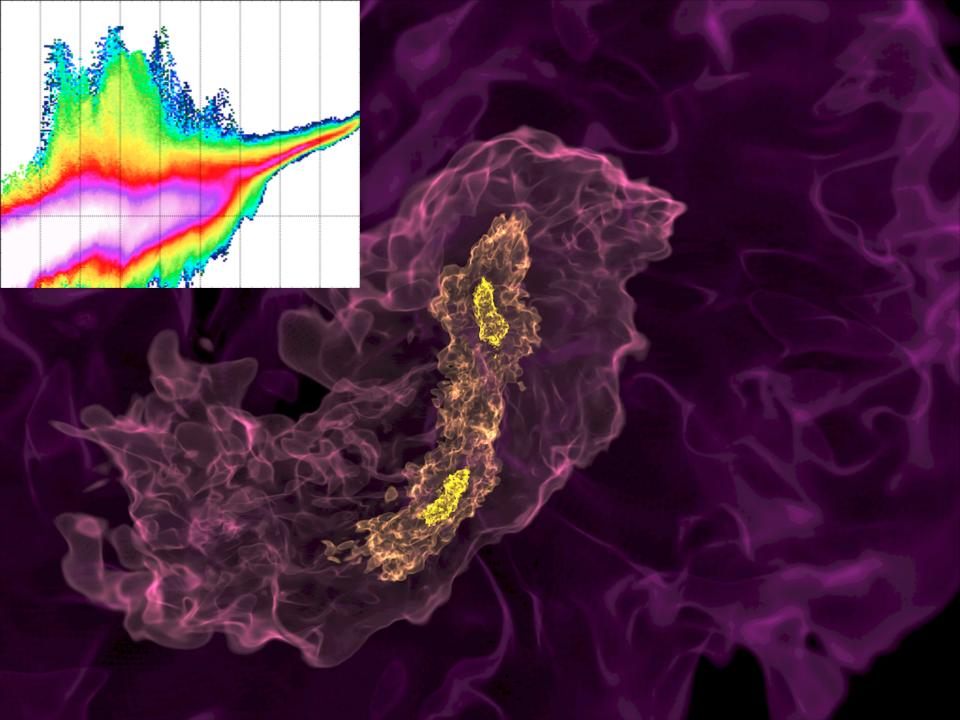


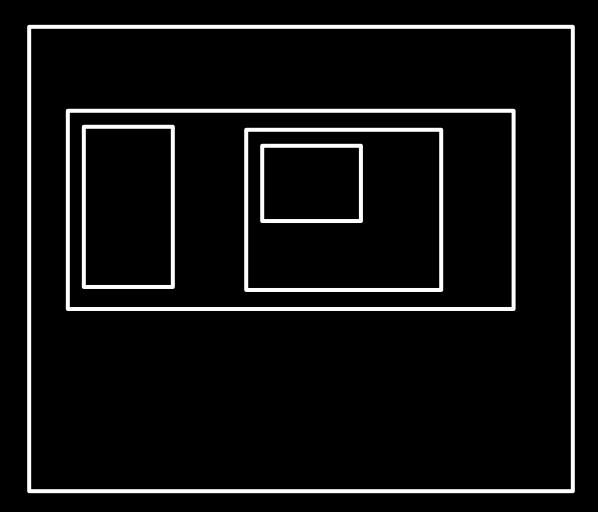


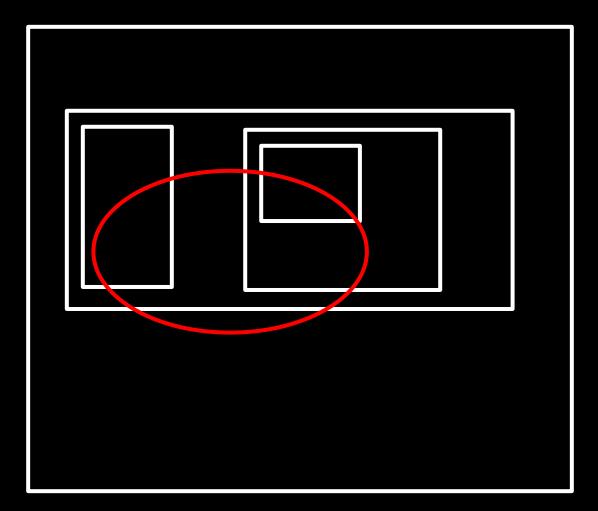


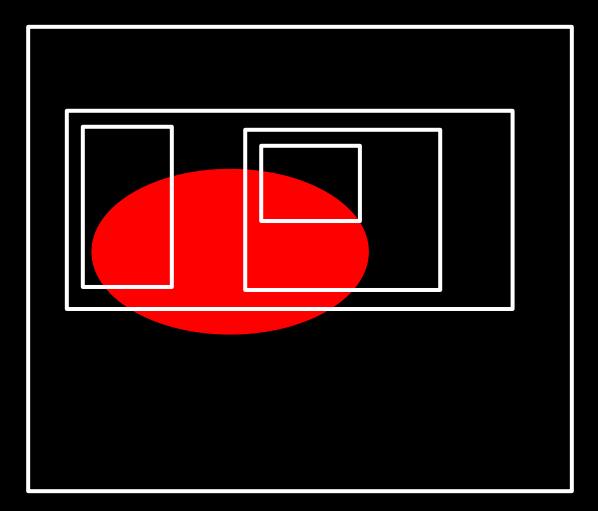








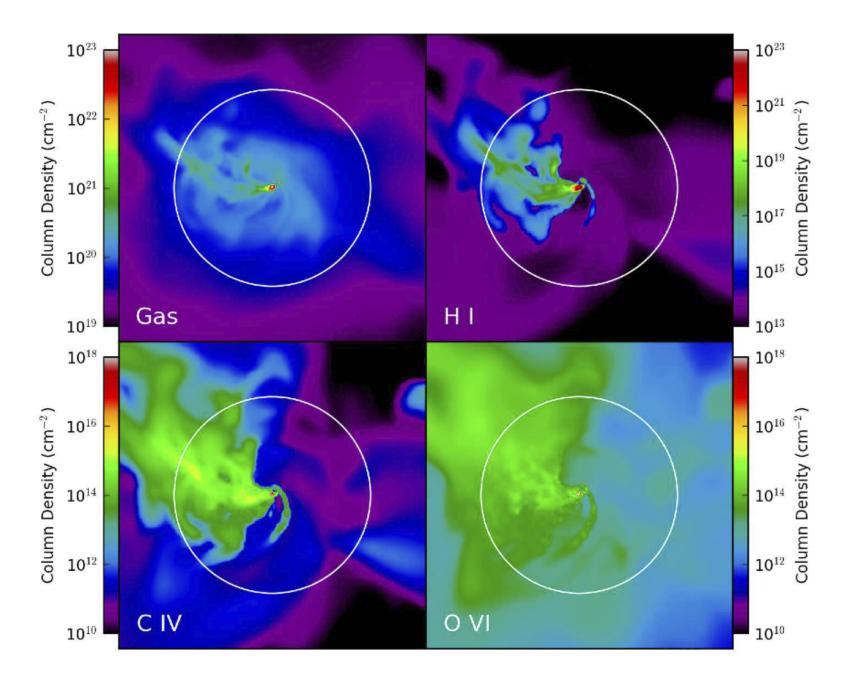


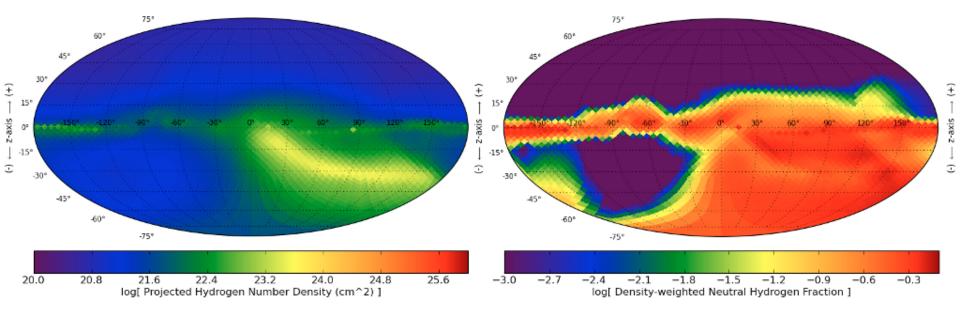


### yt is not a visualization tool

it is a question asking library

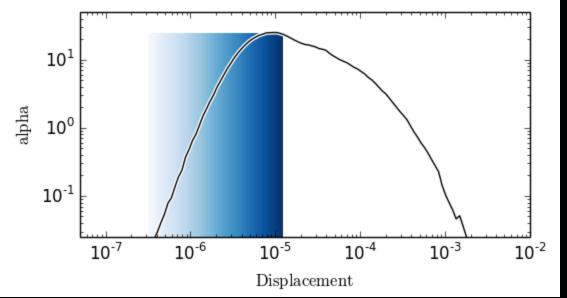
units masking of data multiple resolutions plotting

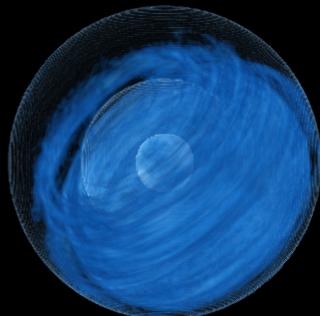


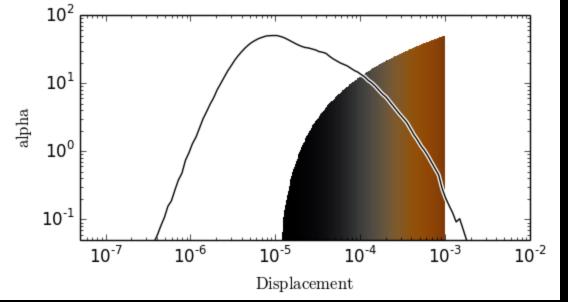


Seismology

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#### Halo finding Clumps Halo profiling Simulated Observations Fourier-Space Analysis Power Spectra Spectral Energy Distribution

#### Analysis Modules

# yt is not finished

### Invest in Community

astro-ph/1301.7064



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Nere is a sample script for generating a values rendering an 3 system taken from the dock. Note has much has to be done pr 4 rendering an autput image.

EXIT

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6 yaws from yr.mods import \*
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## the most important lesson

#### do not be afraid