yt for cosmology

(a mostly hands-on introduction)

a little more introduction to yt

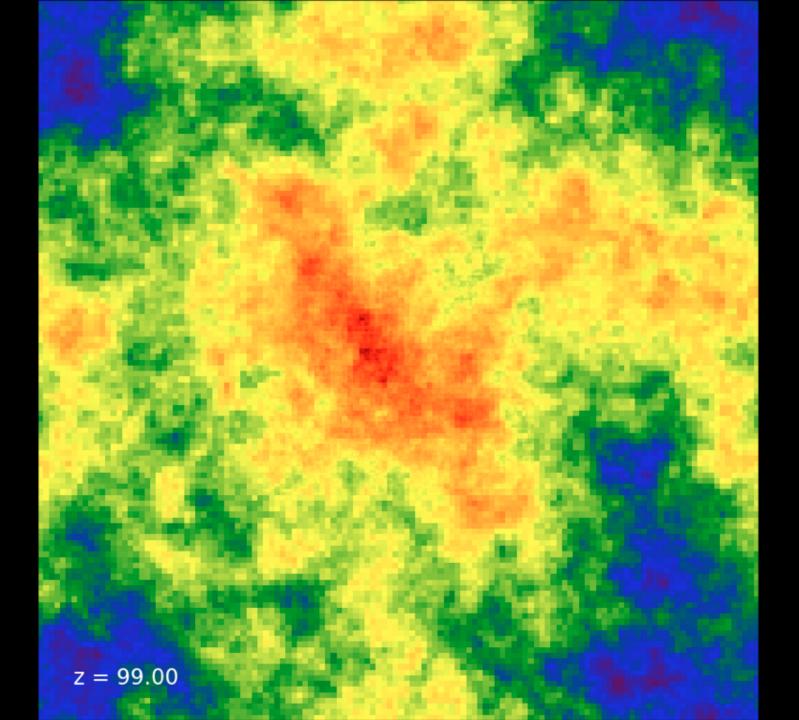
Astrophysical Simulation Analysis & Visualization

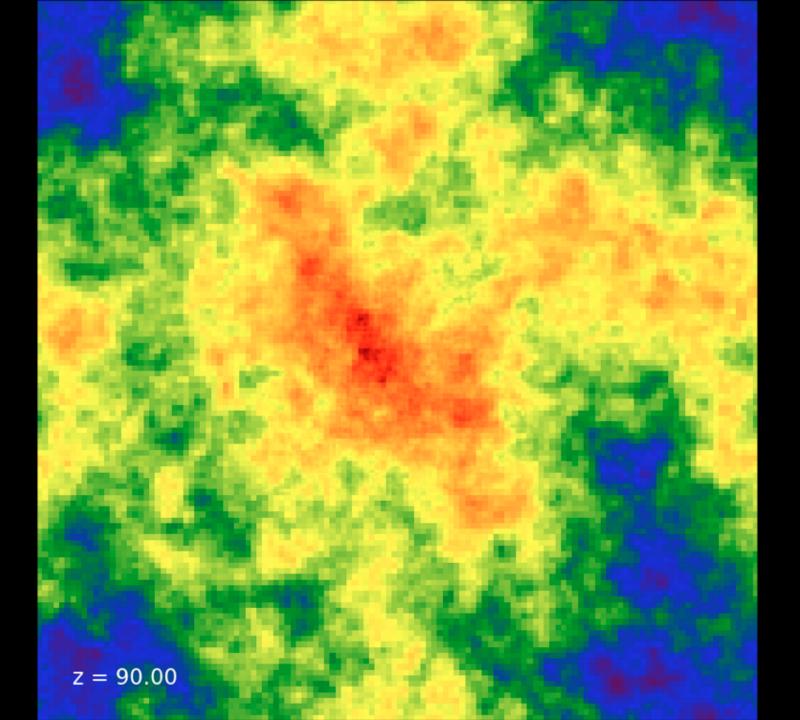


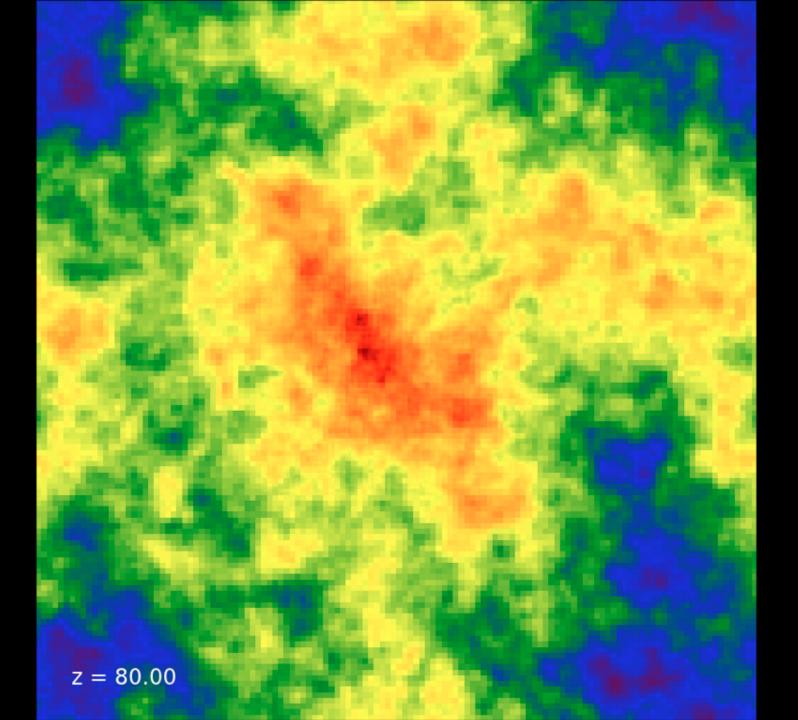
astro-ph/1011.3514 astro-ph/1112.4482 astro-ph/1301.7064

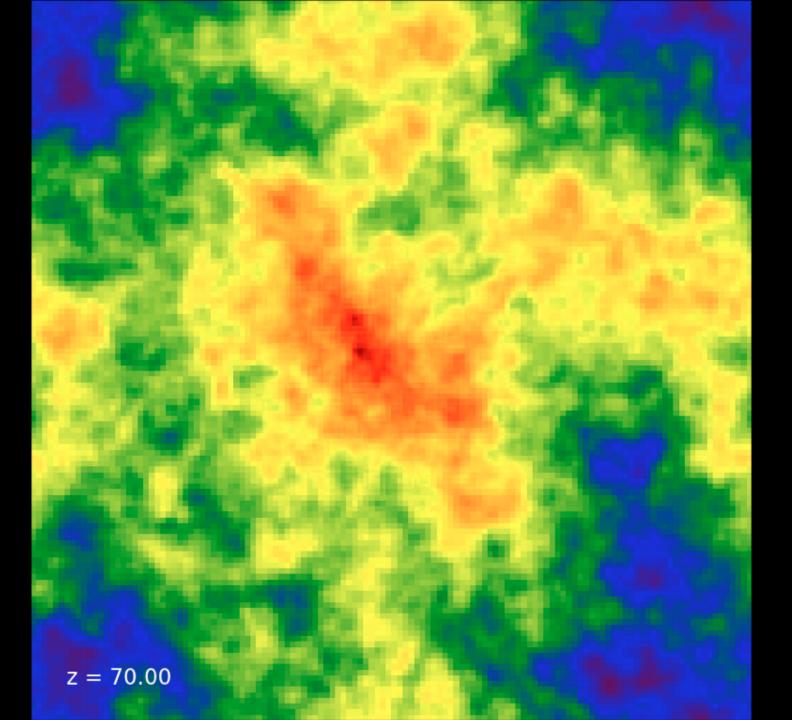
yt-project.org

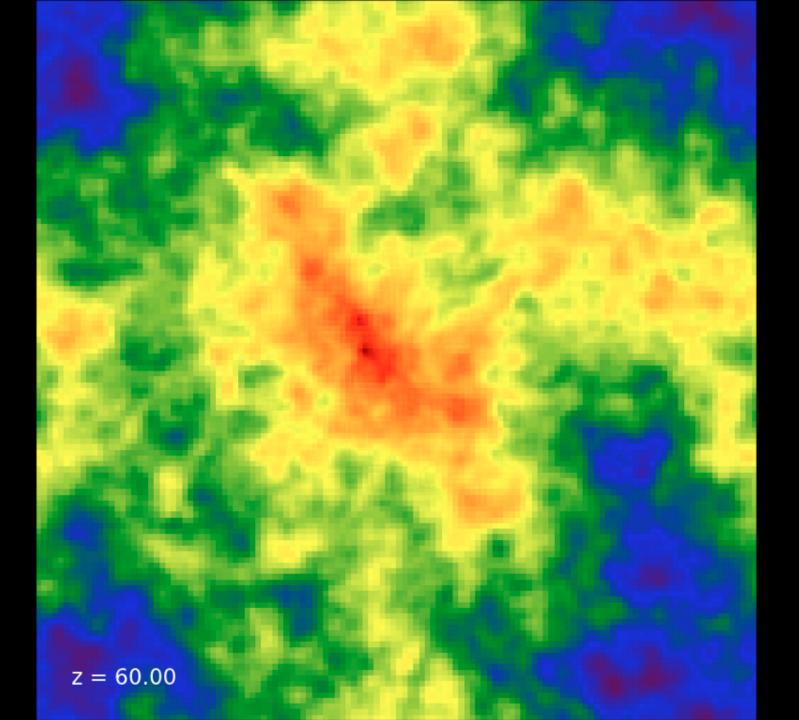
w to make a star?

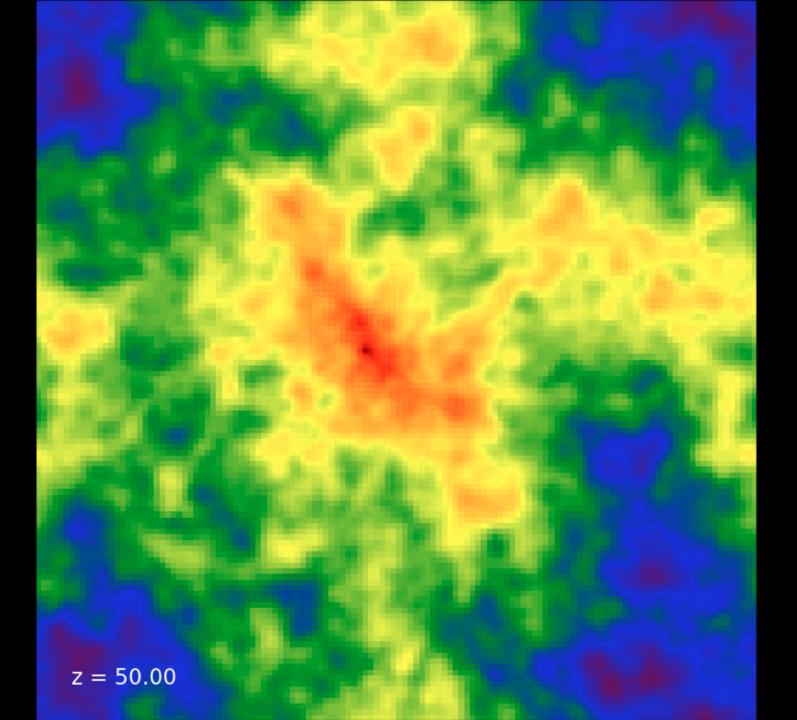


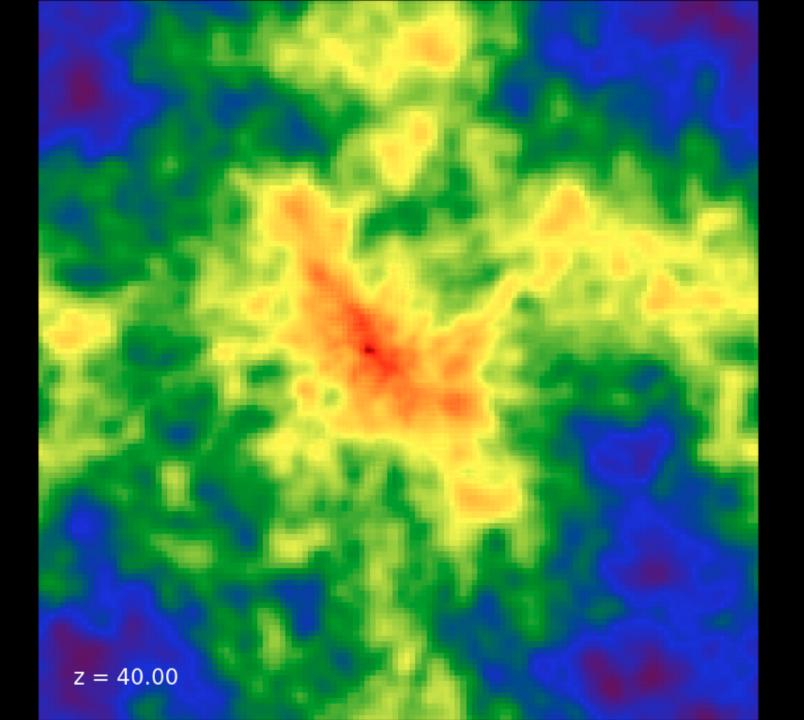


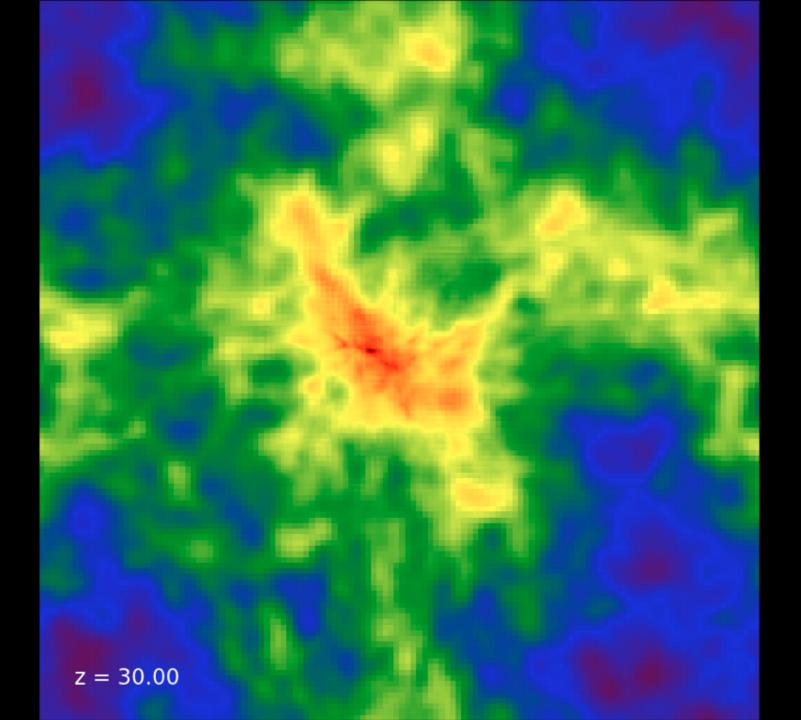


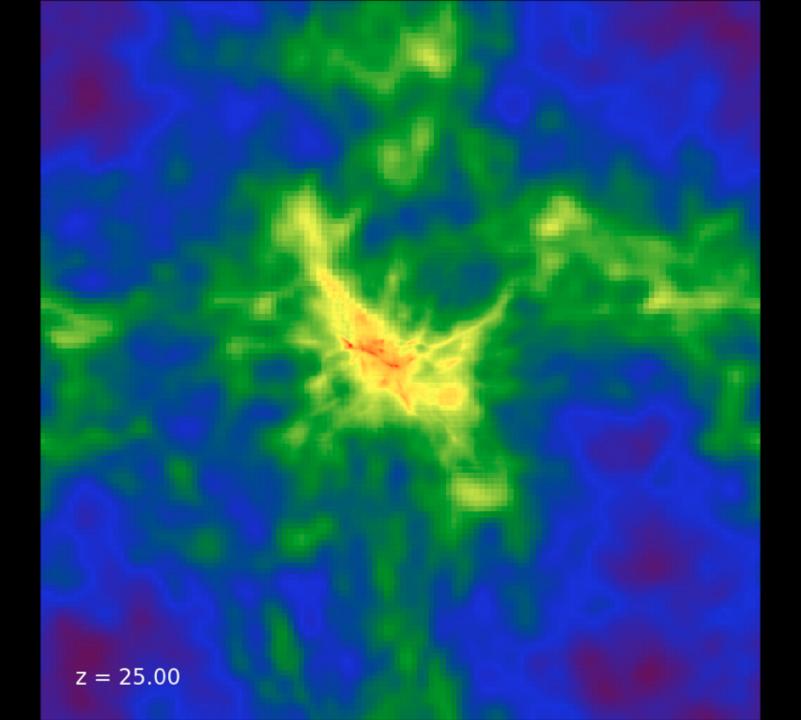


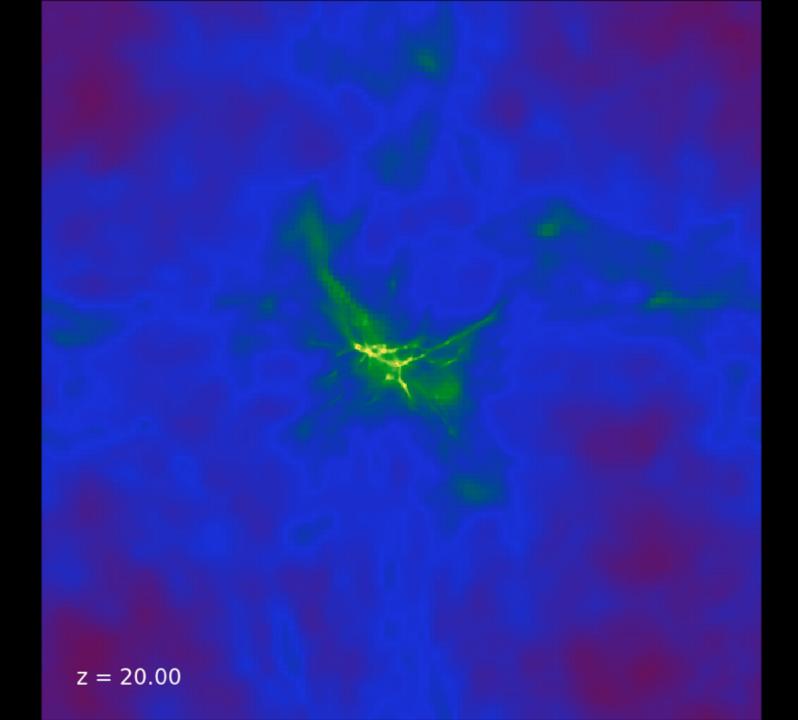




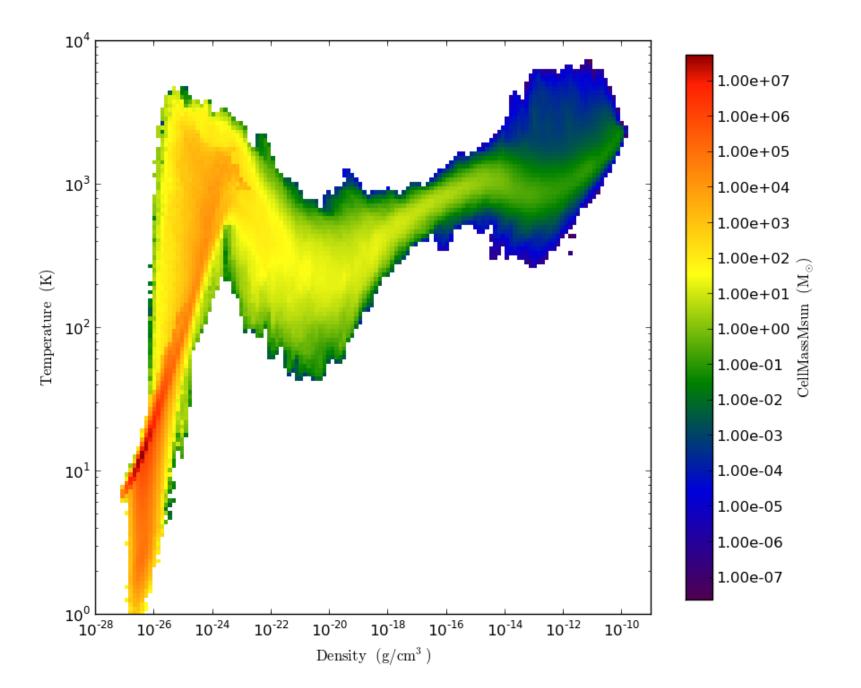


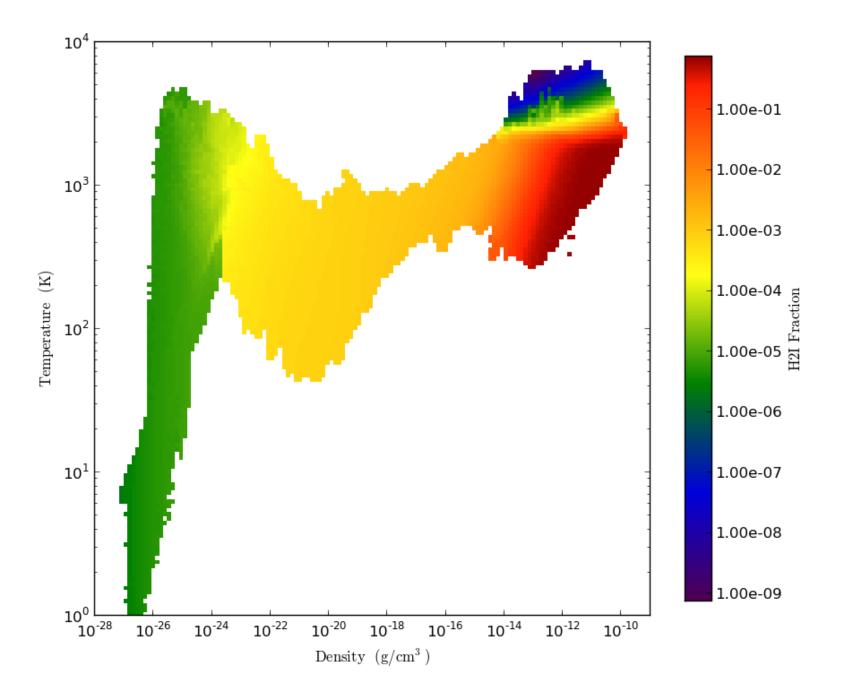


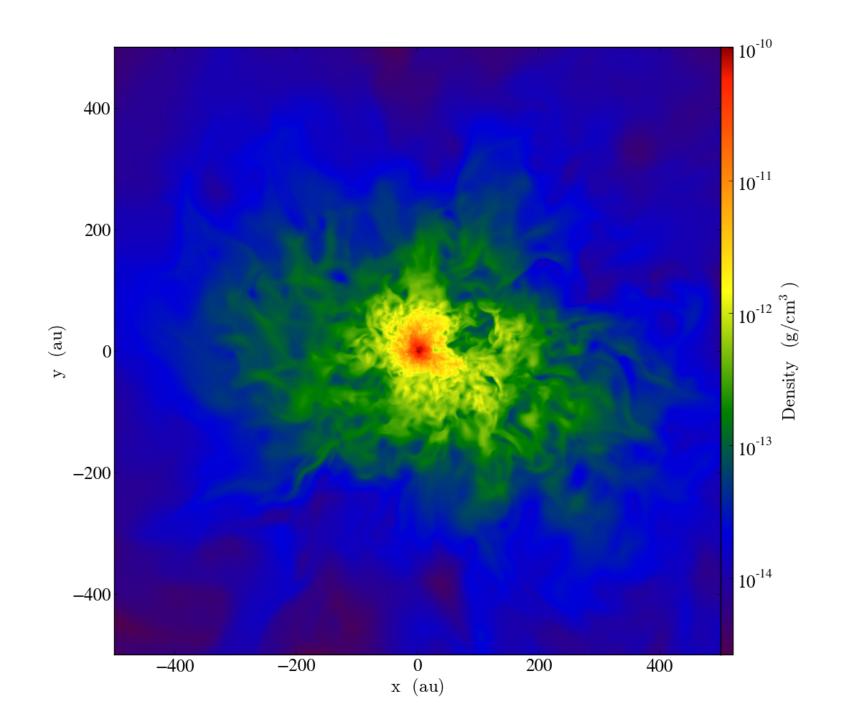


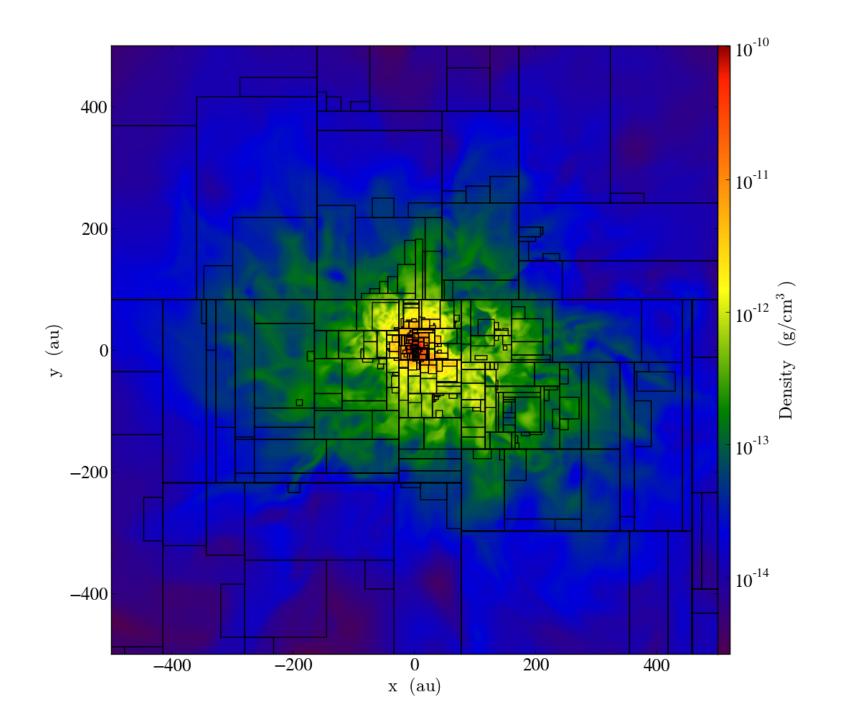


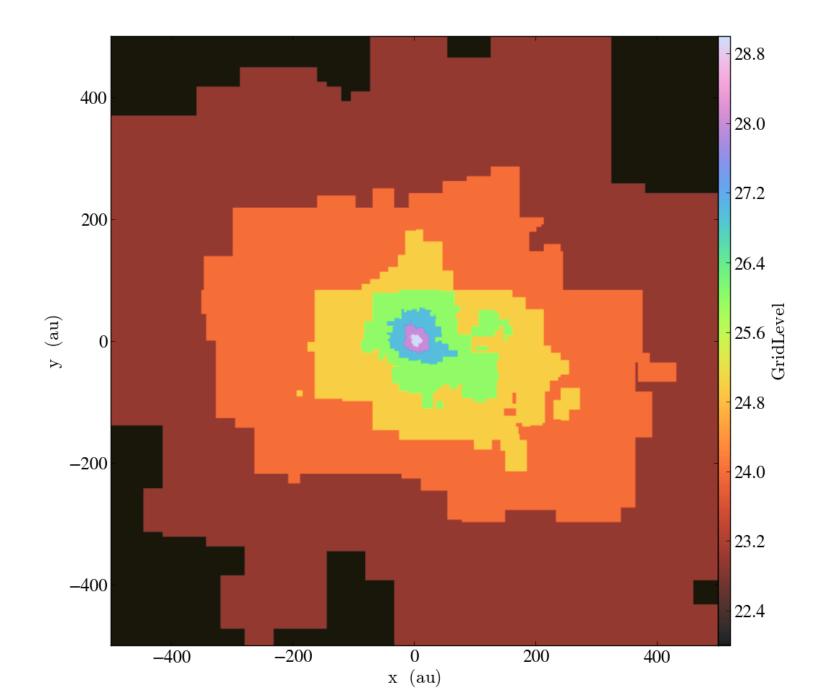
$\begin{array}{ccc} \mathbf{k}_{22} & \mathbf{H} + \mathbf{H} + \mathbf{H} \longrightarrow \mathbf{H}_2 + \mathbf{H} \\ \mathbf{k}_{13} & \mathbf{H}_2 + \mathbf{H} \longrightarrow \mathbf{H} + \mathbf{H} + \mathbf{H} \end{array}$

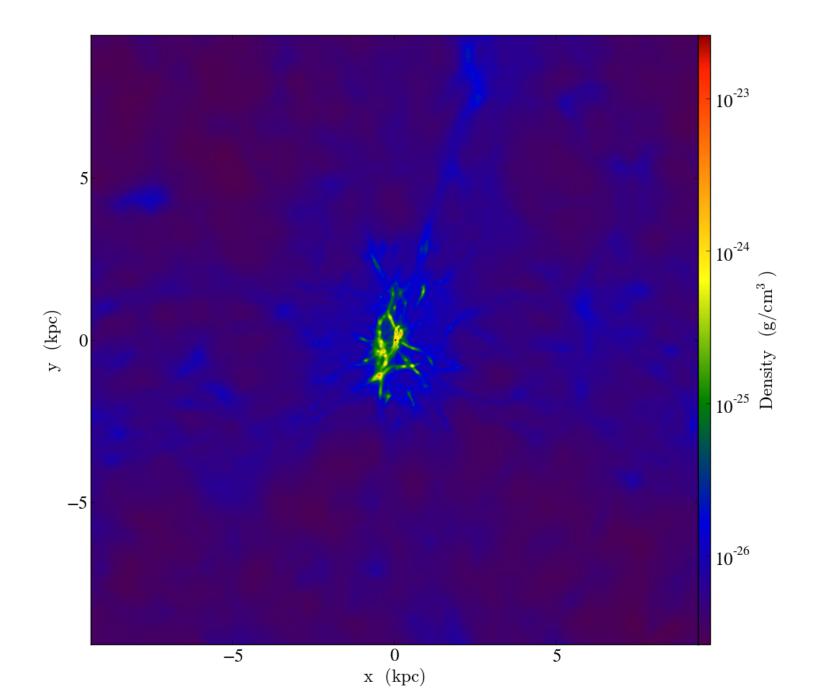


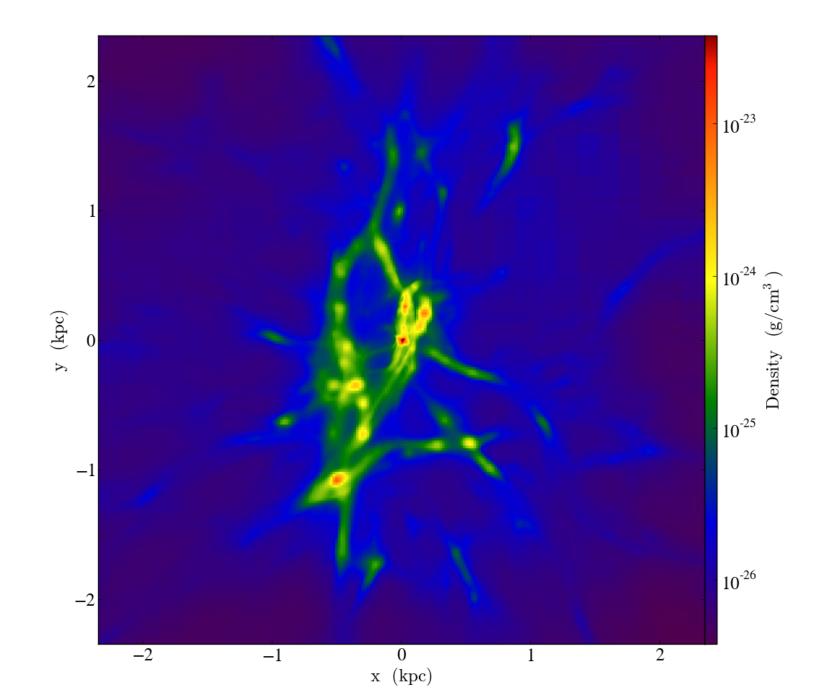


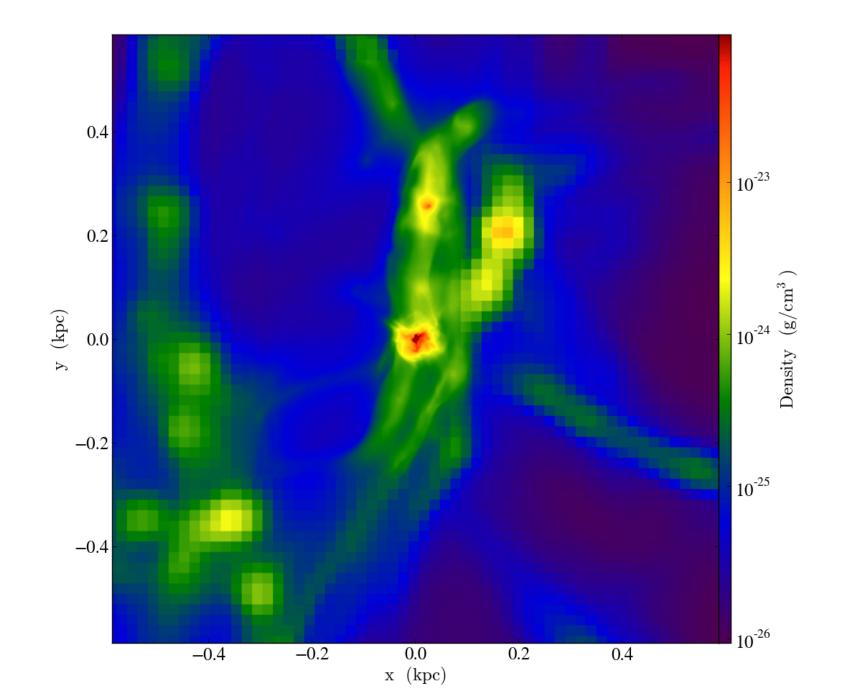


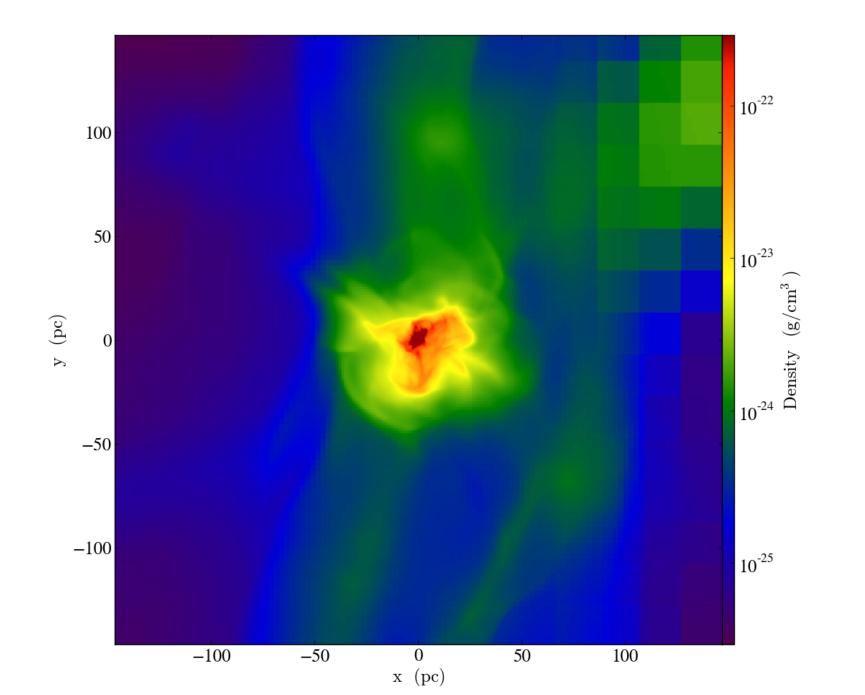


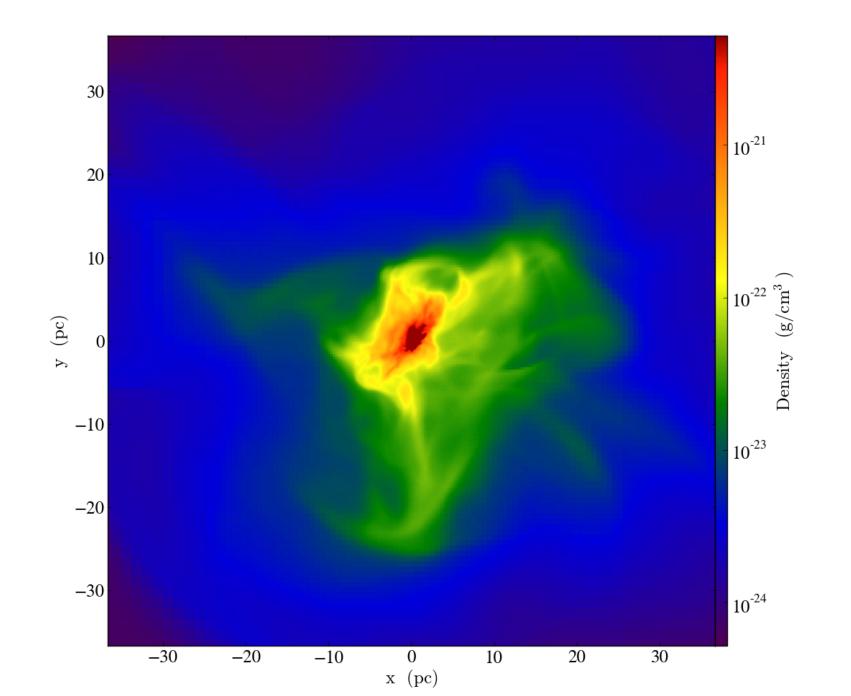


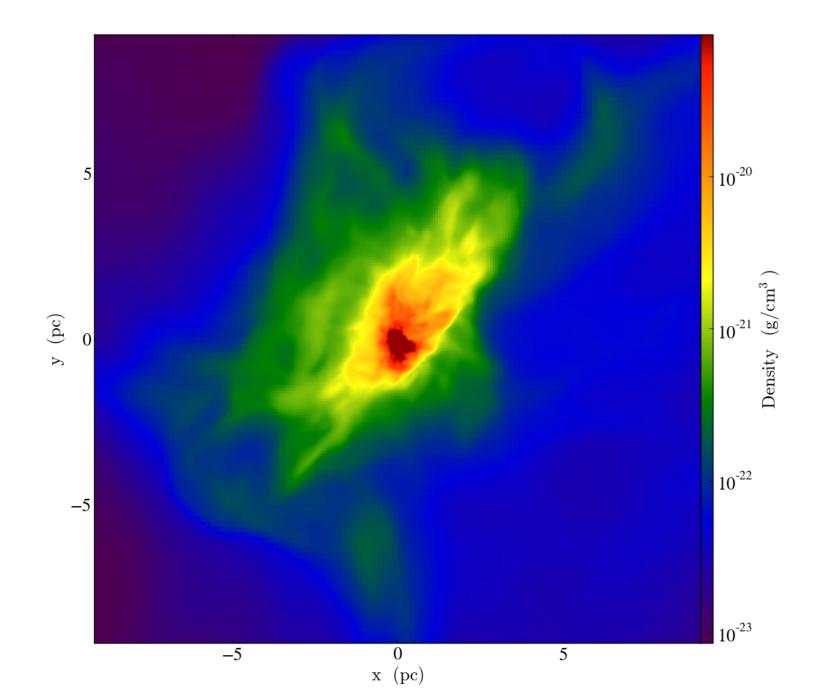


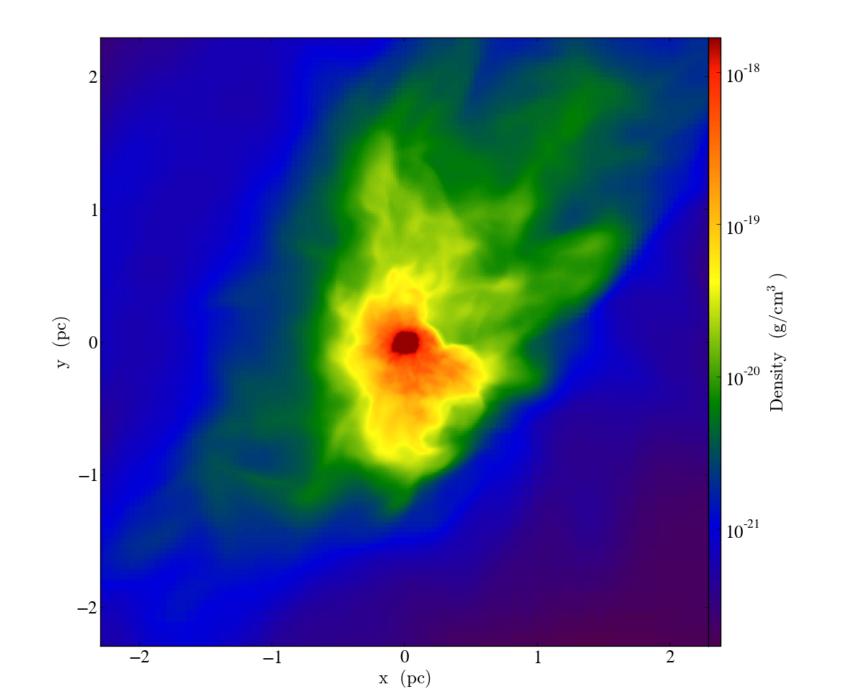


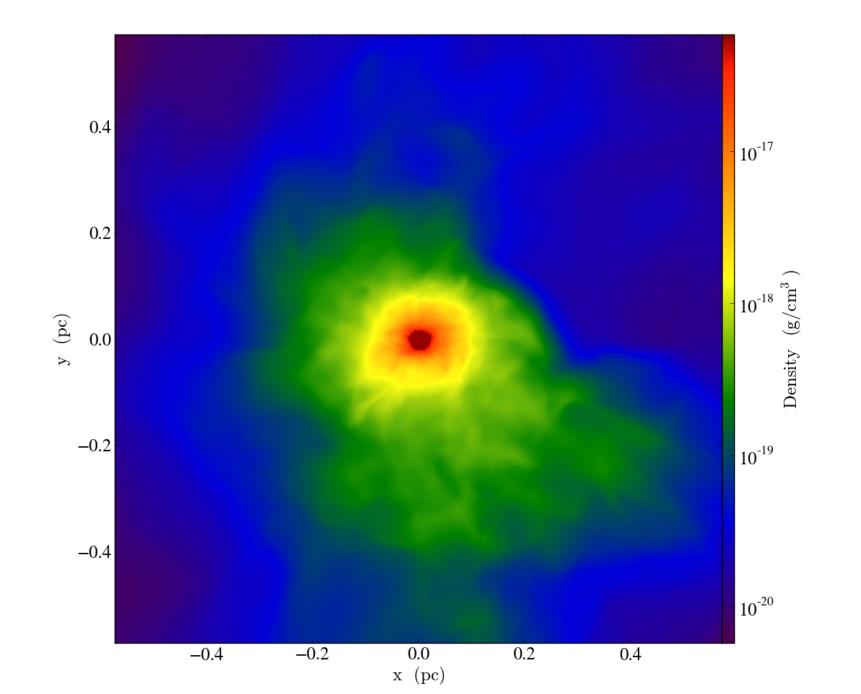


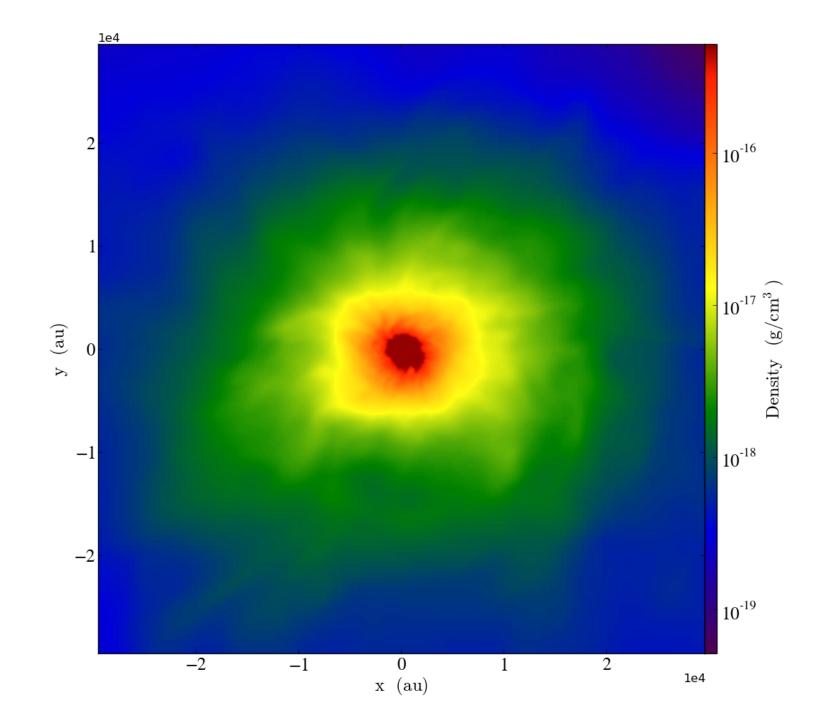


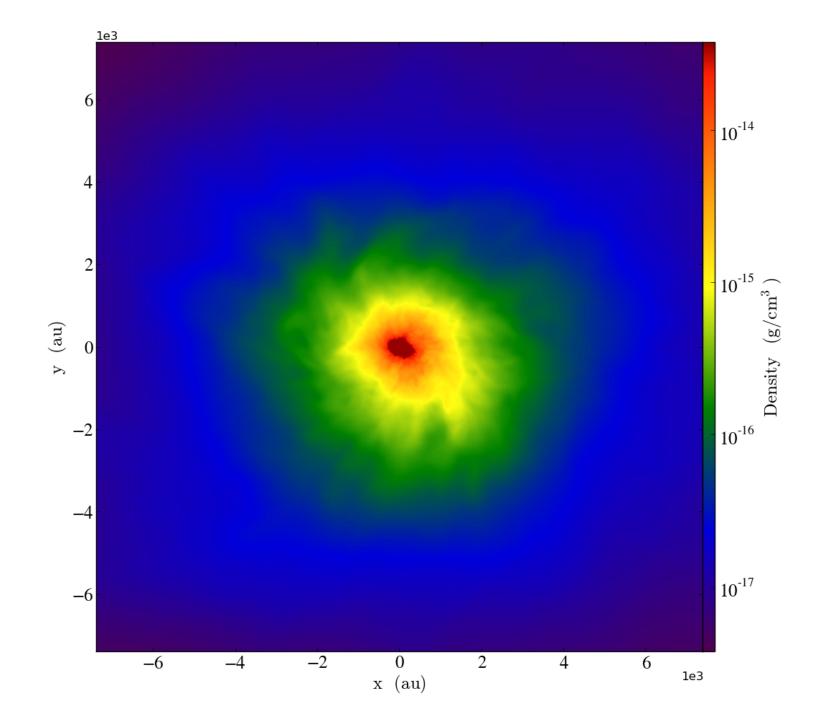


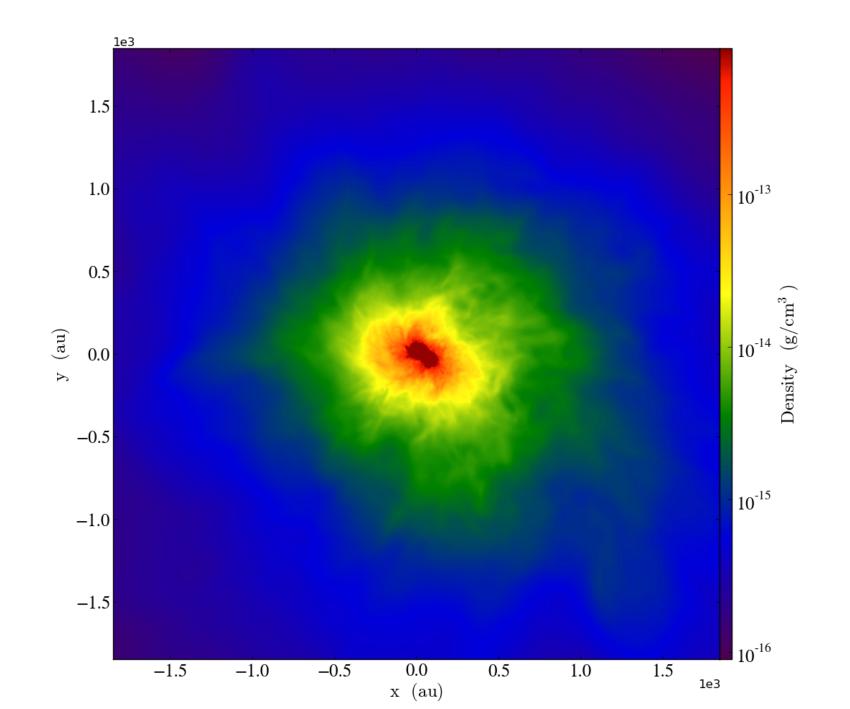


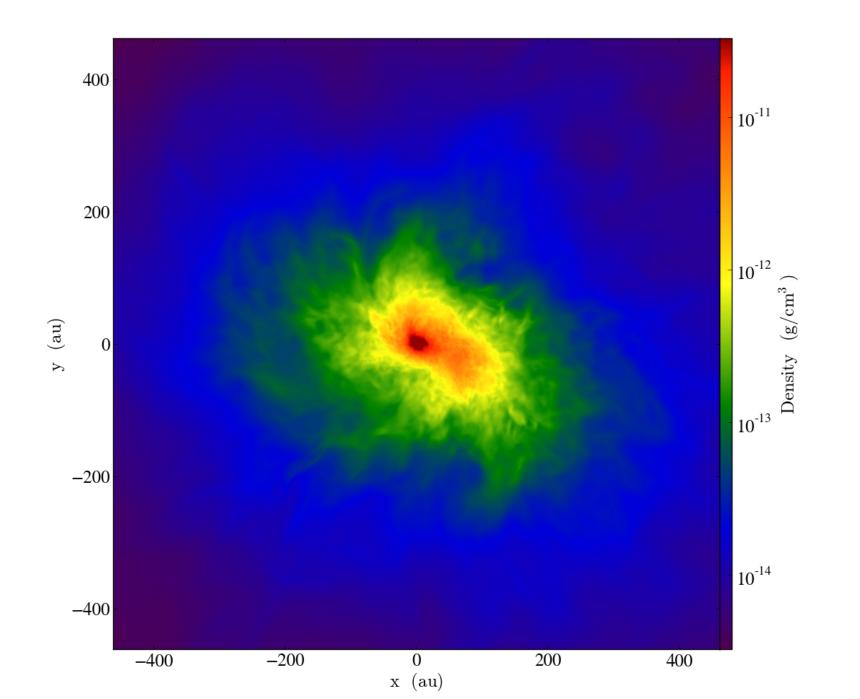


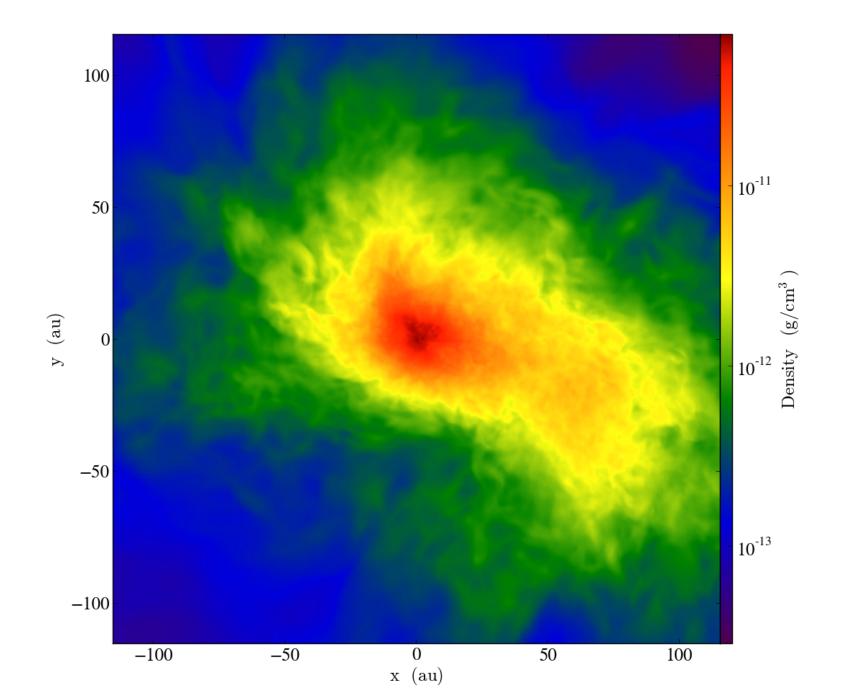


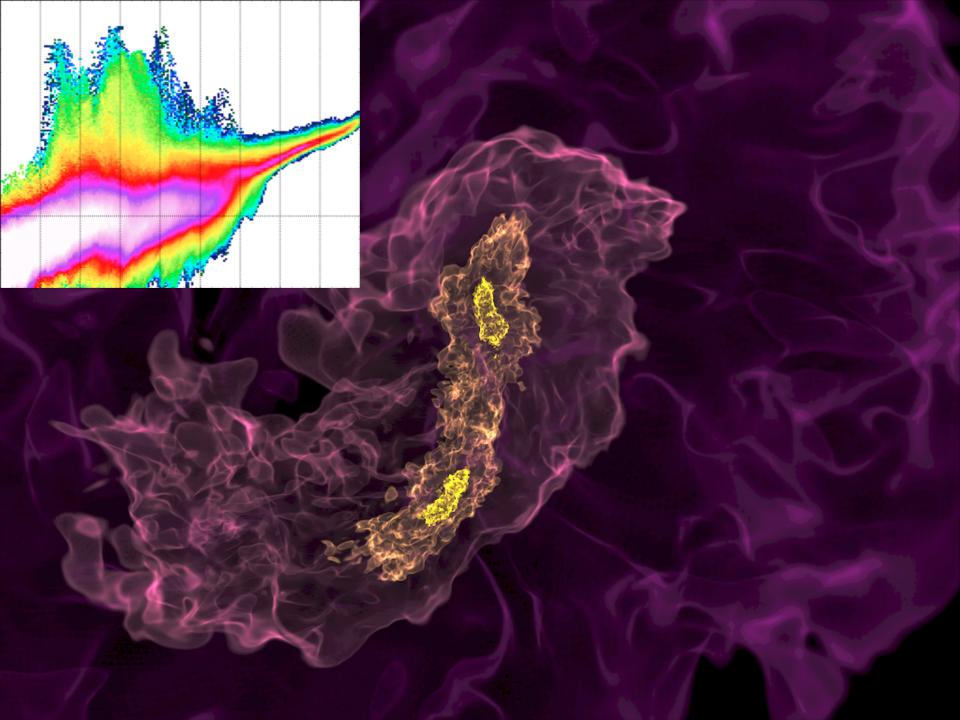


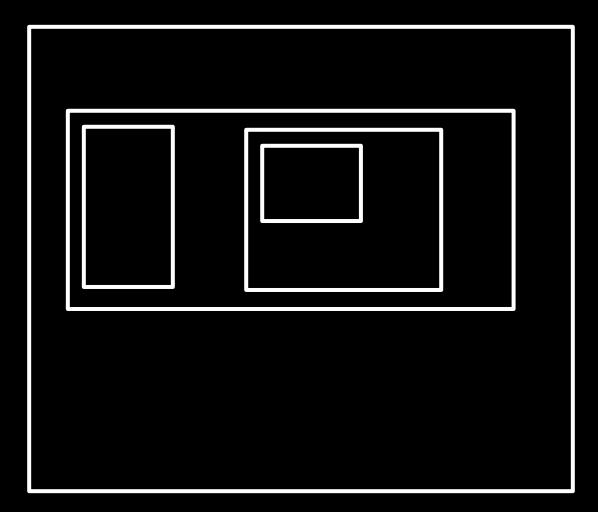


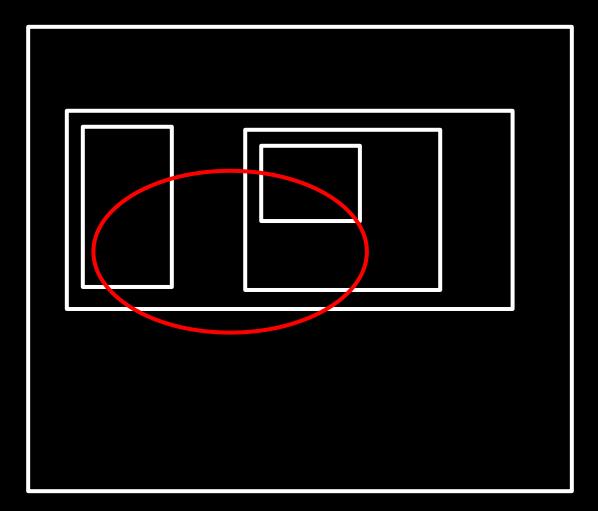


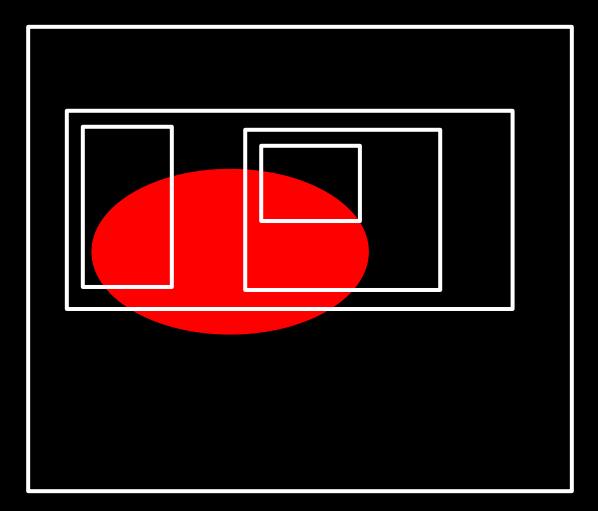








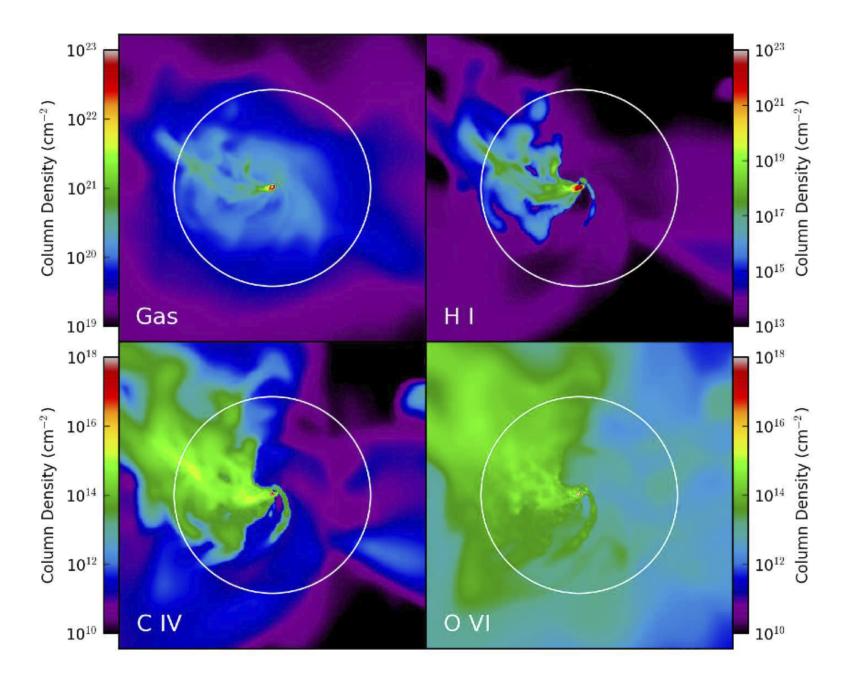


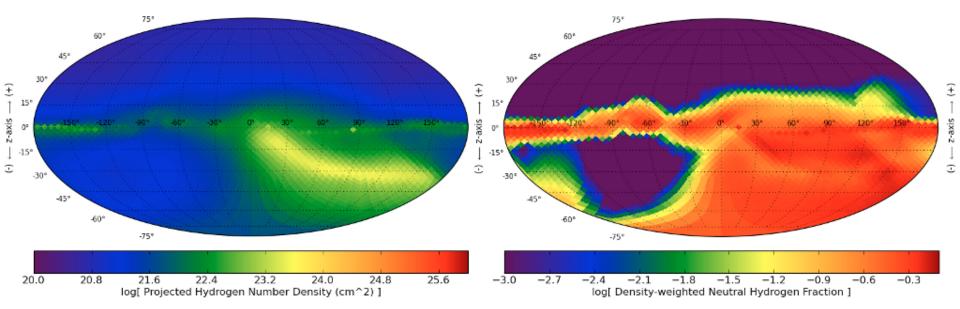


yt is not a visualization tool

it is a question asking library

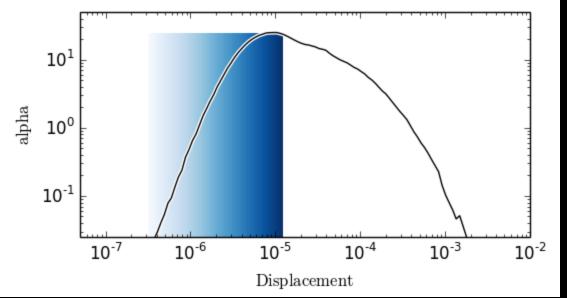
units masking of data multiple resolutions plotting

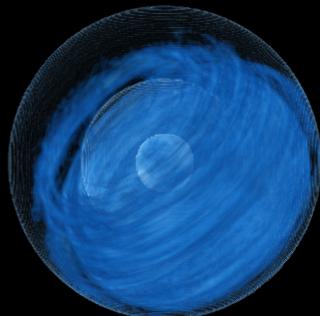


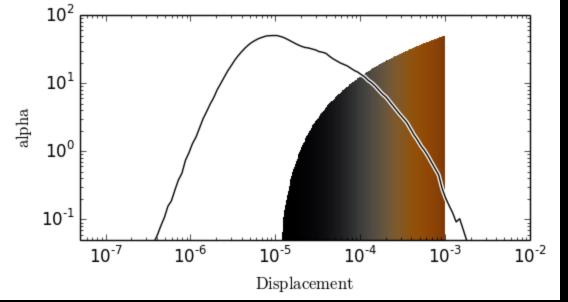


Seismology

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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 *
7 yaw yf = long("Erns.S4/2000e3/dot.d0047)
8 yaw di = yf.A.stil.dett()
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the most important lesson

do not be afraid