3/20/13 Tipsy Software

<welcome, master, your every wish is my command>
<yes, Allan>openascii runc30.01691.box
<yes, Allan>readascii runc30.01691.bin
read time 0.615450
<yes, Allan>loadbinary 0
<used time 0.615450, hope you don't mind master>
<yes, Allan>setbox 0 0 0 0 1 1 1
<Assuming z = 0, physical coordinates, H0 = 50 km/sec/Mpc>
<Omega = 1, Lambda = 0, vacuum boundary>
<Is this alright, master (y/n)?>
 y
<yes, Allan>viewall
<yes, Allan>setbox 0 0 0 0 0.1 0.1 0.1
<yes, Allan>viewall
<yes, Allan>setbox 0 0 0 0 0.001 0.001 0.001
<yes, Allan>viewall
<yes, Allan>setbox 0 0 0 0 0.001 0.01 0.01
<yes, Allan>viewall
<yes, Allan>setbox 0 0 0 0 0.01 0.01 0.01
<yes, Allan>viewall
<yes, Allan>viewdark
<sorry viewdark is not a command, master>
<yes, Allan>showdark
<inconsistent input for command showdark, master>
showdark yes/no
<yes, Allan>showdark yes
<yes, Allan>showdark no
<yes, Allan>viewall
<yes, Allan>showdark yes
<yes, Allan>showgas no
<yes, Allan>viewall
<yes, Allan>viewstars
<sorry viewstars is not a command, master>
<yes, Allan>viewstar
<inconsistent input for command viewstar, master>
viewstar plot_type min max (clip)
<yes, Allan>showstars yes

<yes, Allan>showstar yes
<yes, Allan>showdark no
<yes, Allan>showgas no
<yes, Allan>viewall
<yes, Allan>viewall
<yes, Allan>viewall
<yes, Allan>showdark
<inconsistent input for command showdark, master>
showdark yes/no
<yes, Allan>showdark yes
<yes, Allan>showgas yes
<yes, Allan>viewall
<yes, Allan>xall
<yes, Allan>yall
<yes, Allan>zall
<yes, Allan>rotate
<inconsistent input for command rotate, master>
rotate direction degrees
<yes, Allan>rotate x 30
<direction must be left, right, up, downor clockwise, master>
<yes, Allan>rotate up 30
<yes, Allan>viewall
<yes, Allan>zpot
<inconsistent input for command zpot, master>
zpot particle min max (clip)
<yes, Allan>viewtemp
<sorry viewtemp is not a command, master>
<yes, Allan>xray
<inconsistent input for command xray, master>
xray min max filename size
<yes, Allan>vista gas -5 -1 gas.fits 0.01
gas
<enter: kpcunit msolunit fhydrogen>
 1 1 1
<sorry, gas is not a proper type, master>
<yes, Allan>vista density -5 -1 gas.fits 0.01
gas
<Warning, box 0 does not contain all particles, master>
<Reloading box 0, master>
<Building tree, master>
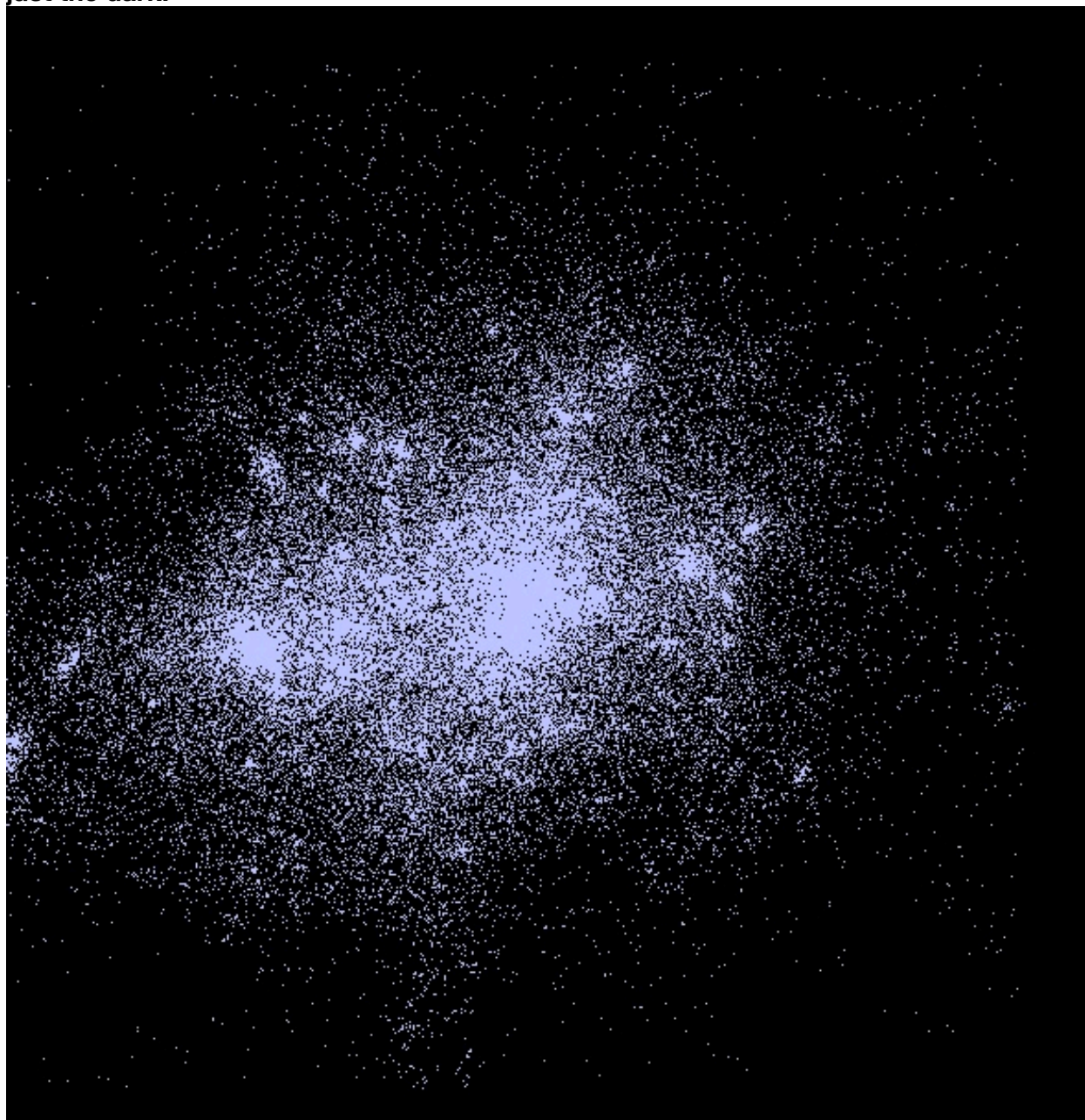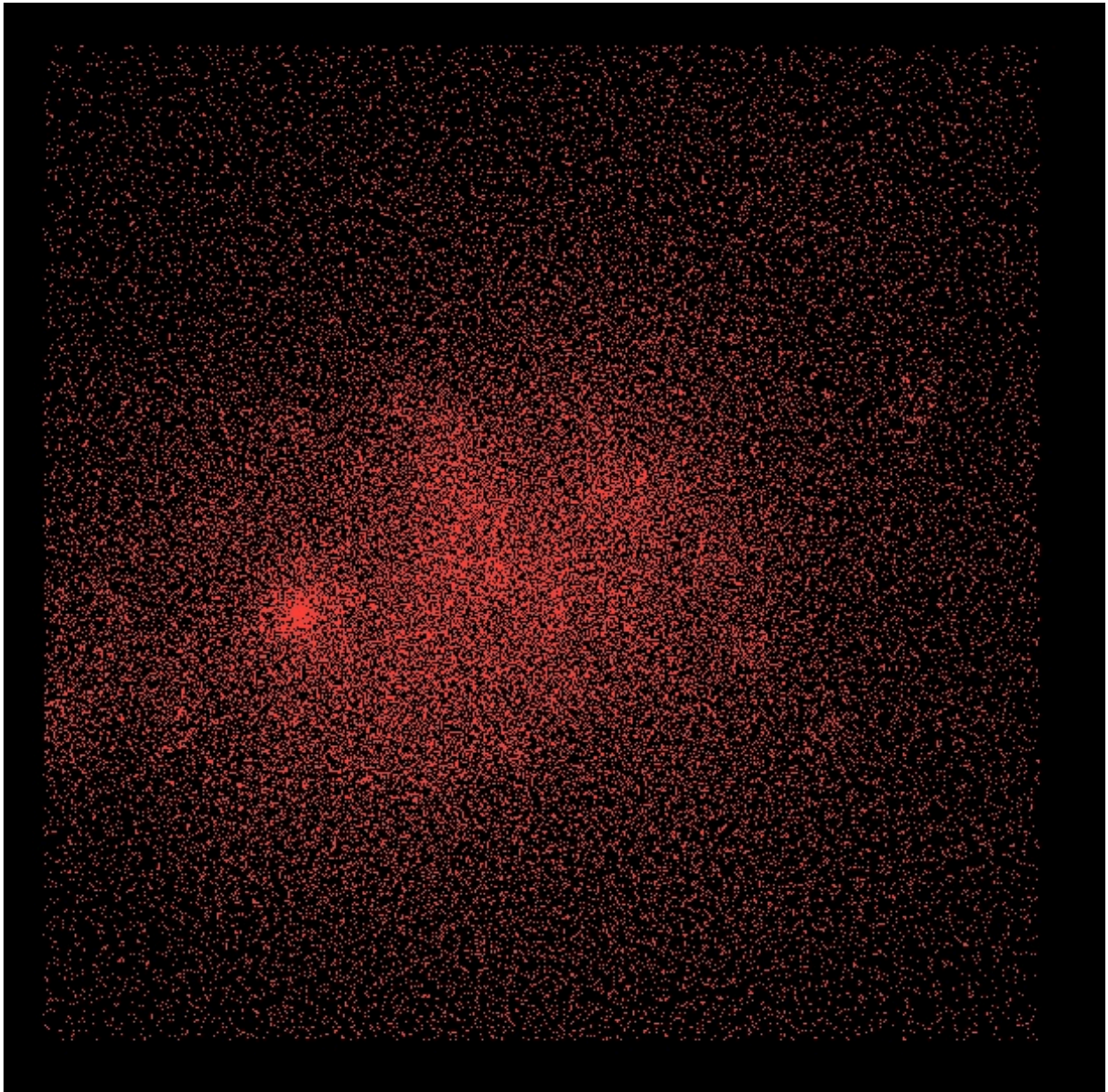<Finding balls, master>
<Done, master>
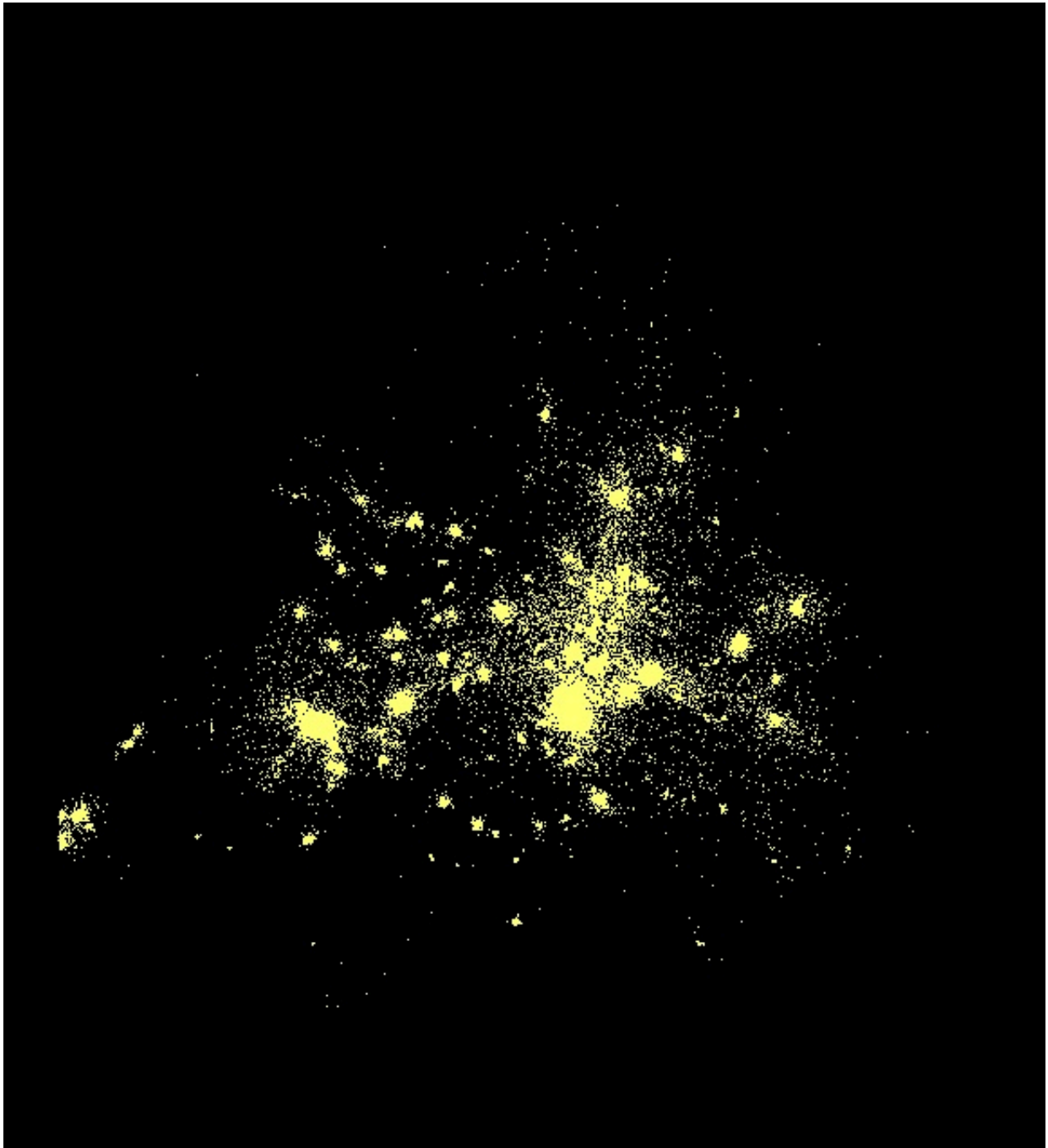Pixel extremes: 3.40282e+38 -3.40282e+38
writing fits to file gas.fits
<yes, Allan>
Suspended

Single Cluster

just the dark:

Just the Gas

Just the Stars

Fromt the movies I made stars appear minicule; gas appears to be distributed very spherically, and the DM dominated with a similar distribution to that of the stars (note that it is not spherical)