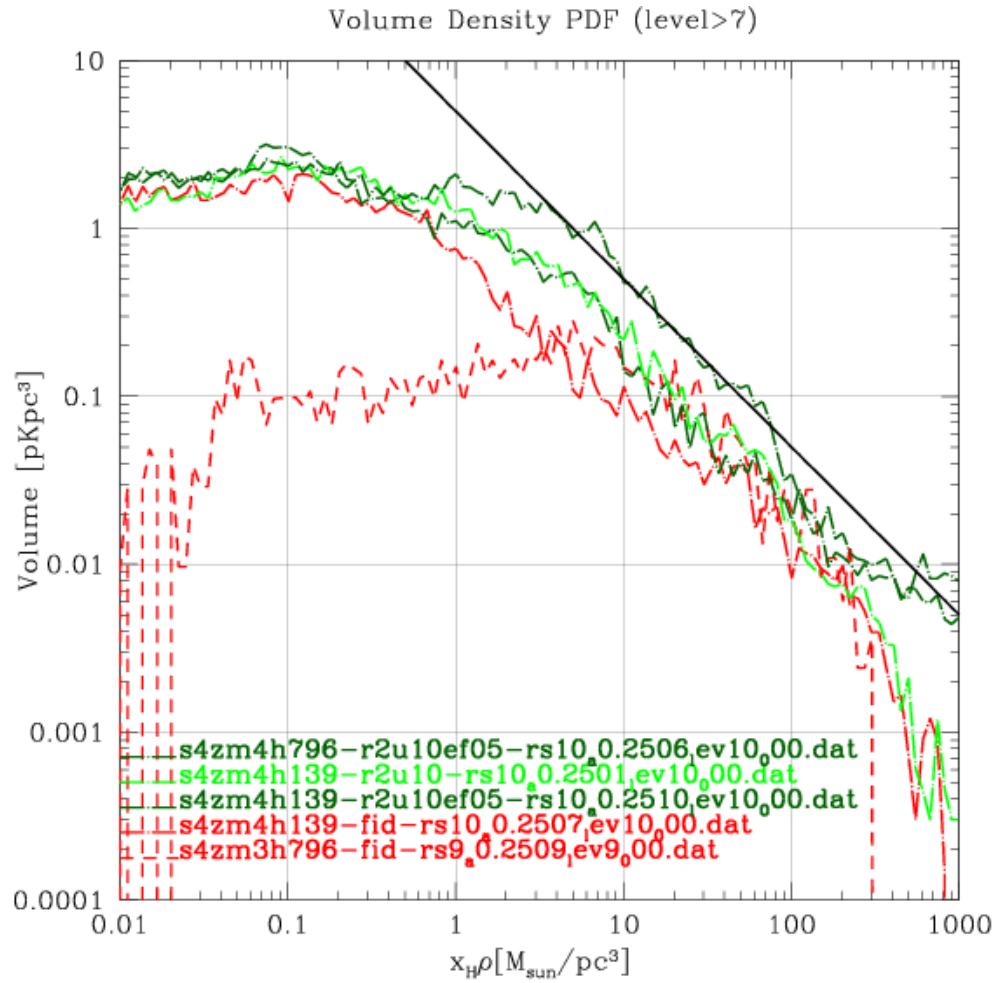
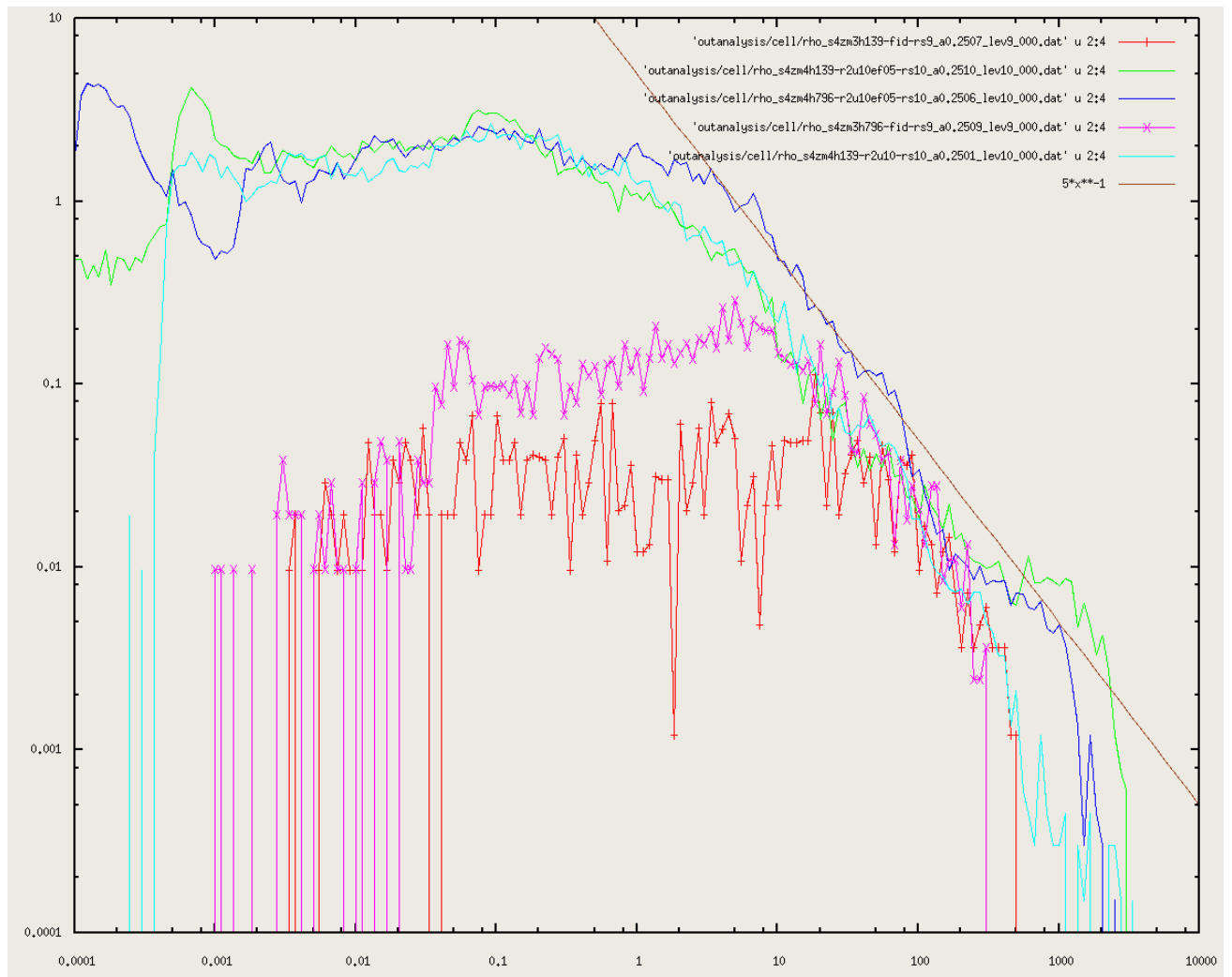


- Density PDF
 - Different prescriptions?
 - As a function of redshift?
 - Within the disk and without?
 - there's a lot of low density volume outside of the disk, but does that manifest it as a discontinuous chunk, or does it blend in and screw up your PDF?
 - not logarithmic.... play with threshold ?



```
./gnuscripts/pdfrho.sm 0 s4zm4h139-r2u10ef05-rs10_a0.2510
s4zm4h796-r2u10ef05-rs10_a0.2506 s4zm3h796-fid-rs9_a0.2509
s4zm4h139-r2u10-rs10_a0.2501 s4zm4h139-fid-rs10_a0.2507
```



```
set logscale; plot [1e-4:1e4][0.0001:10]'outanalysis/cell/rho_s4zm3h139-fid-
rs9_a0.2507_lev9_000.dat' u 2:4 w lp, 'outanalysis/cell/
rho_s4zm4h139-r2u10ef05-rs10_a0.2510_lev10_000.dat' u 2:4 w l, 'outanalysis/cell/
rho_s4zm4h796-r2u10ef05-rs10_a0.2506_lev10_000.dat' u 2:4 w l, 'outanalysis/cell/
rho_s4zm3h796-fid-rs9_a0.2509_lev9_000.dat' u 2:4 w lp, 'outanalysis/cell/
rho_s4zm4h139-r2u10-rs10_a0.2501_lev10_000.dat' u 2:4 w l, 5*x**-1
```