Density at z=0 in 0.645  $h^{-1}$  Mpc thick spatial slice averaged around 1000 halos, selected with 4.5e+11  $h^{-1}M_{\odot} < M_{\rm vir} < 5.5$ e+11  $h^{-1}M_{\odot}$  and 1 <  $\Gamma$  < 4 at z=0 0.8 virial radius from halo catalogue  $R_{\rm vir}(z=0) = 0.161 \, h^{-1} \, {\rm Mpc}$ CIII virial radius from spherical collapse 0.6 10<sup>3</sup> 0.4 -0.2 -- 10<sup>2</sup>  $h^{-1}$ Mpc  $(1 + \delta)$ 0.0 - $-10^{1}$ <del>-</del>0.2 --0.4· 10<sup>0</sup> -0.6-0.8 -0.6-0.20.2 0.4 0.6 -0.8-0.40.0 8.0  $h^{-1}$ Mpc