Simulation: bdm_cdm1024, Grid size: 512, Scheme: TSC;   Snapshot-150 at redshift z=0.3000;
Halos selected by mass at redshift 0 in [2.90e+12,3.09e+12] $h^{-1}M_\odot$ with median 3.00e+12 $h^{-1}M_\odot$

4 $R_{\mathrm{vir}}(z=0) = 1.174\ h^{-1}$ Mpc thick slice in halo centric stack of 32

$R_{\mathrm{vir}}(z=0) = 0.294\ h^{-1}$ Mpc

virial radius from halo catalogue
virial boandary based on halo catalogue
virial radius from spherical collapse

$(1+\delta)$