Simulation: bdm_cdm1024, Grid size: 512, Scheme: TSC;   Snapshot-200 at redshift z=0.0000;
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

$(1+\delta)$

h^{-1}Mpc