1M 0.1m BH Analysis 100 Theoretical BH runs/1M step.0002 BH runs/1M step.0004 BH runs/1M step.0006 80 -BH runs/1M step.0008 BH_runs/1M_step.0010 BH_runs/1M_step.0012 BH_runs/1M_step.0014 BH runs/1M step.0016 60 - $\langle Vr^2 \rangle$ BH_runs/1M_step.0018 BH_runs/1M_step.0020 BH runs/1M step.0022 BH runs/1M step.0024 40 BH runs/1M step.0026 BH runs/1M step.0028 BH runs/1M step.0030 20 -0 -2 _1 3 Log10(r) 0.0 -2.5Theoretical BH runs/1M step.0002 Log10(Density) -5.0 BH runs/1M step.0004 BH runs/1M step.0006 BH runs/1M step.0008 **−**7.5 BH runs/1M step.0010 BH runs/1M step.0012 BH runs/1M step.0014 -10.0 BH runs/1M step.0016 BH_runs/1M_step.0018 BH_runs/1M_step.0020 -12.5BH runs/1M step.0022 BH runs/1M step.0024 BH runs/1M step.0026 BH runs/1M step.0028 -15.0BH runs/1M step.0030 <u>-</u>2 2 -10 3 1 Log10(r)