Density profiles at final time for different drift velocities  $u_d = 1.5$  $u_d = 1.875$  $u_d = 2.25$ 0.22  $u_d = 2.625$  $u_d = 3 0$ 0.21 n(x, t<sub>final</sub>) 0000 0.19 0.18 -0 8 10 6 Χ