Density profiles at final time for different drift velocities
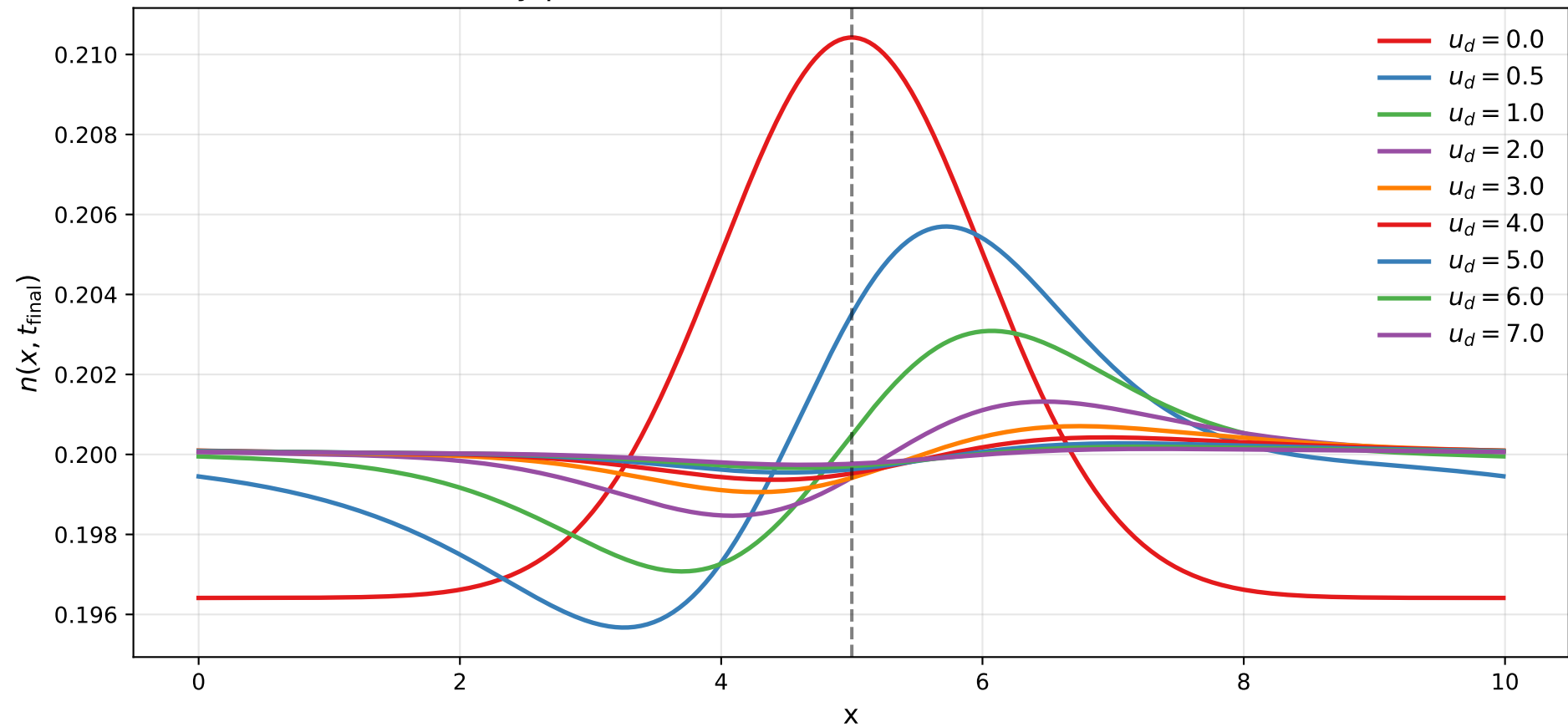
$x_0 = 5.0$