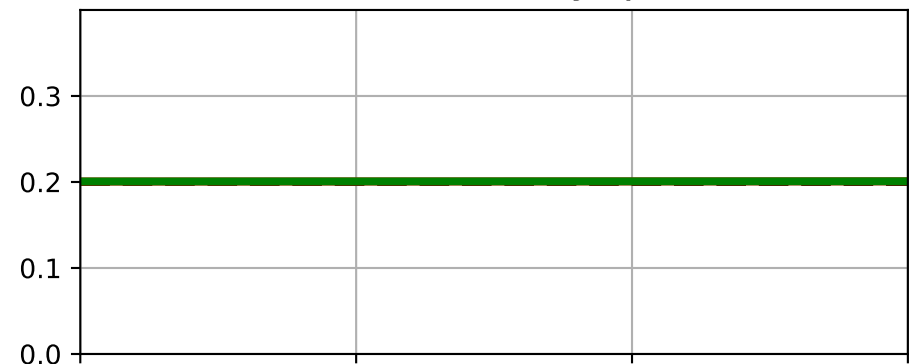
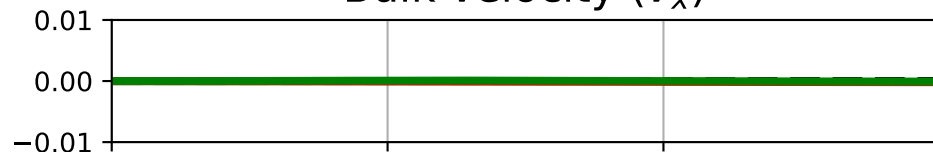


Sum of two Maxwellian distributions ( $\Lambda = 0.31$ ,  $\gamma = 0.00$ )  
Trained for 2000 epochs

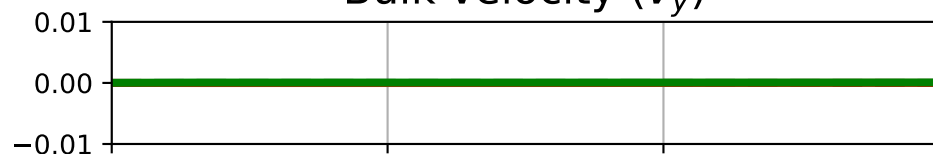
Mass density ( $\rho$ )



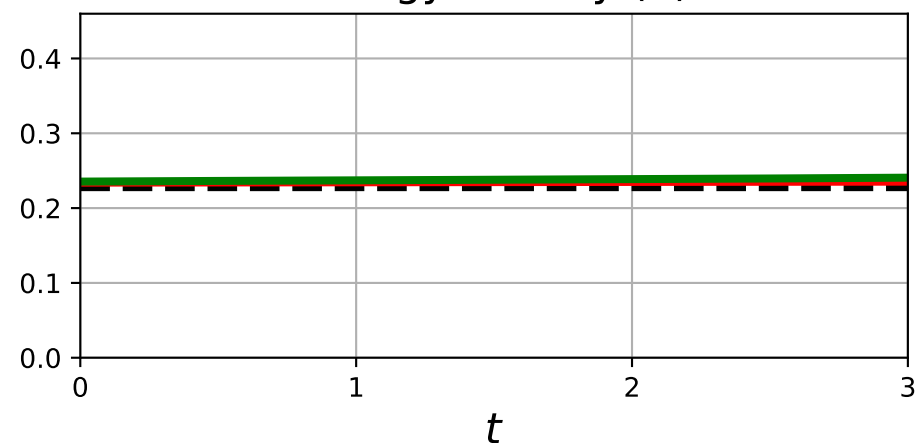
Bulk velocity ( $v_x$ )



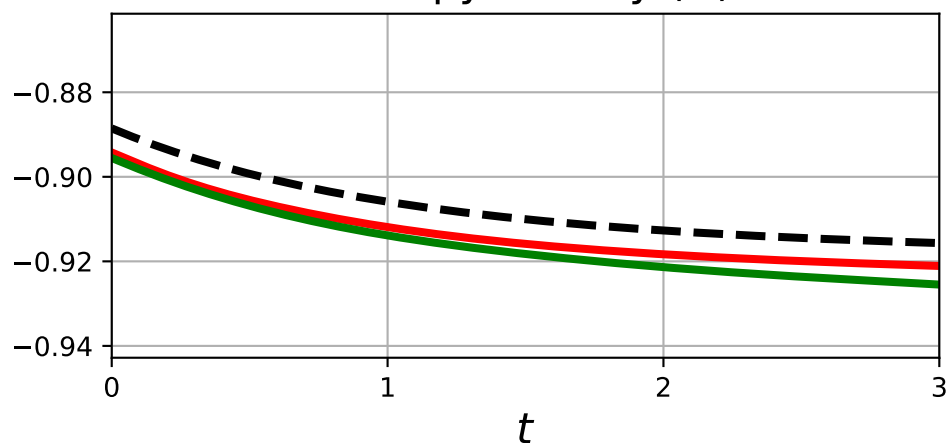
Bulk velocity ( $v_y$ )



Energy density ( $E$ )



Entropy density ( $H$ )



--- Target    — opPINN    — PINN (ours)