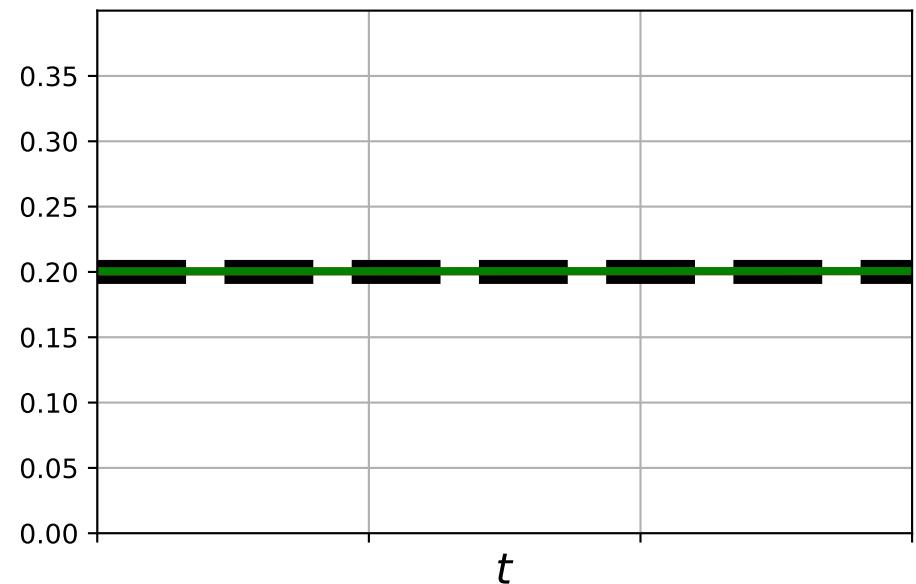
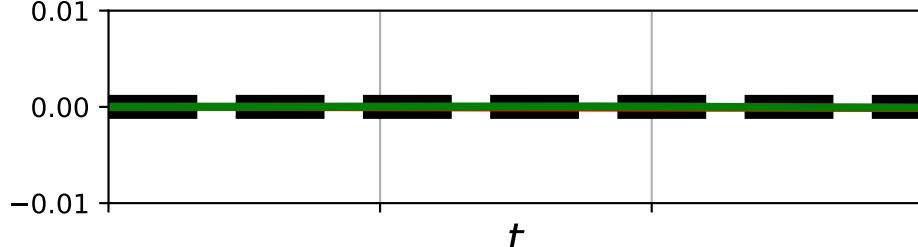


Sum of two Maxwellian distributions ( $\Lambda = 1.00$ ,  $\gamma = -1.00$ )  
Trained for 5000 epochs

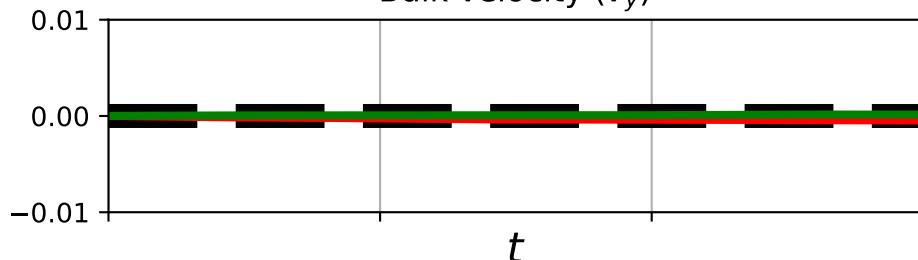
Mass density ( $\rho$ )



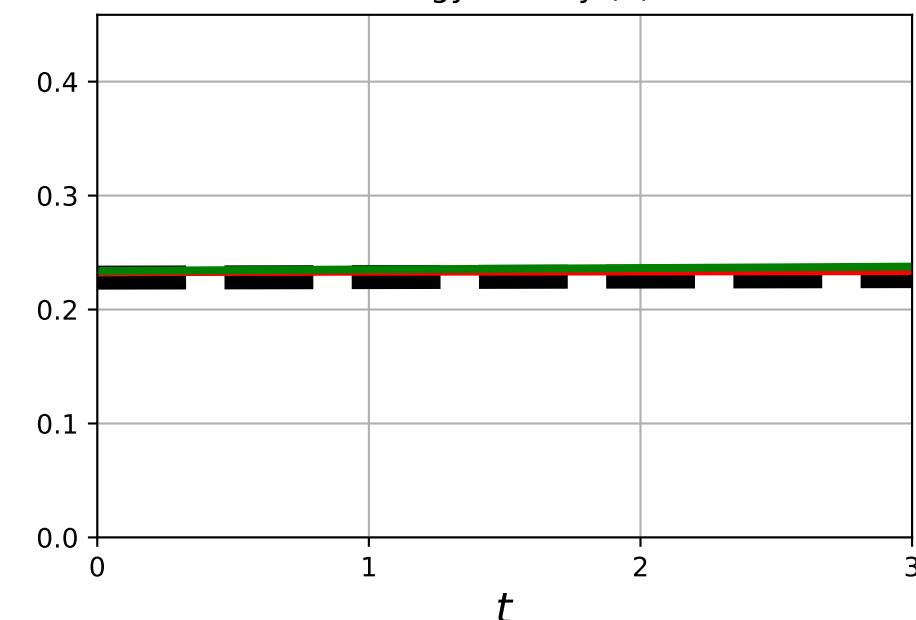
Bulk velocity ( $v_x$ )



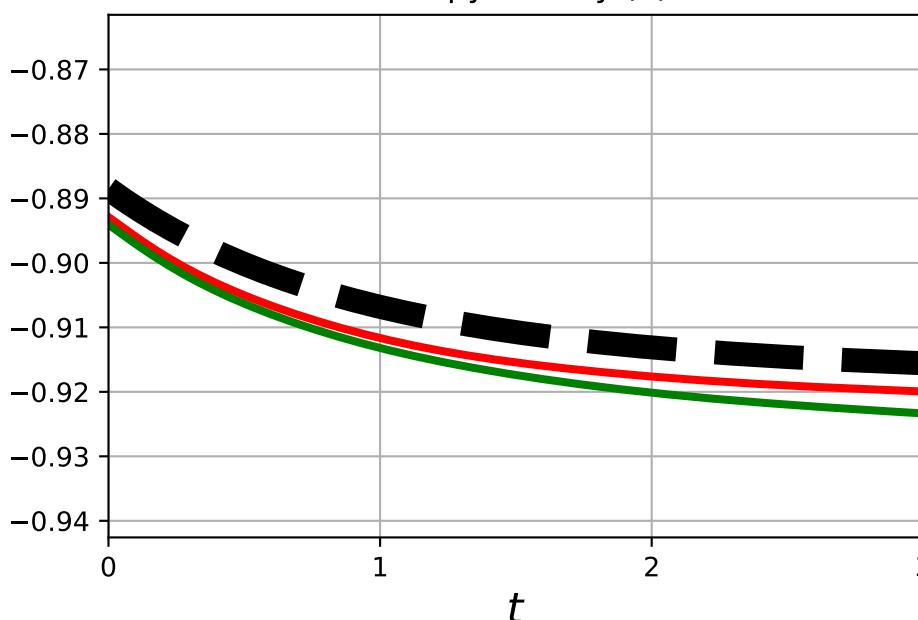
Bulk velocity ( $v_y$ )



Energy density ( $E$ )



Entropy density ( $S$ )



■ Target   ■ opPINN   ■ PINN (ours)