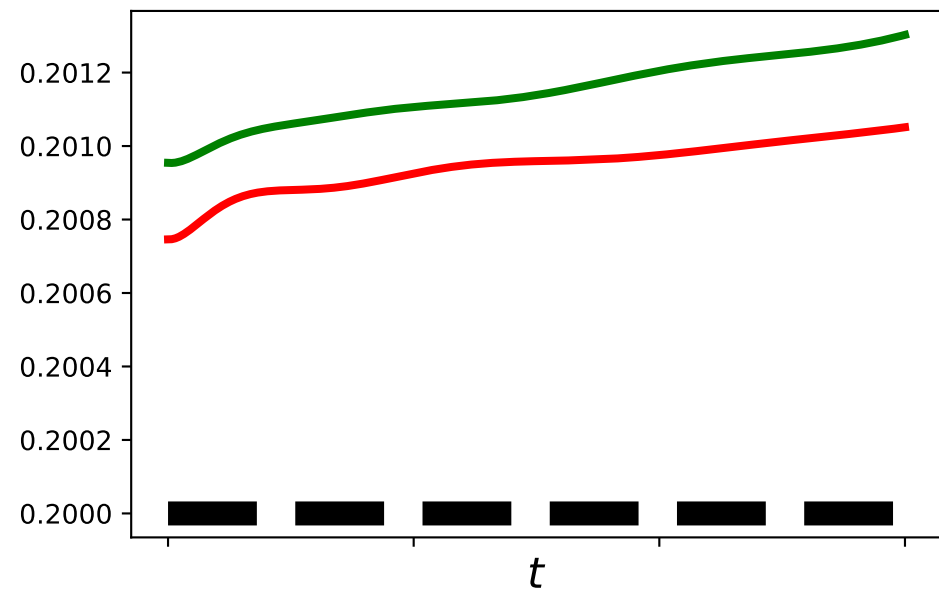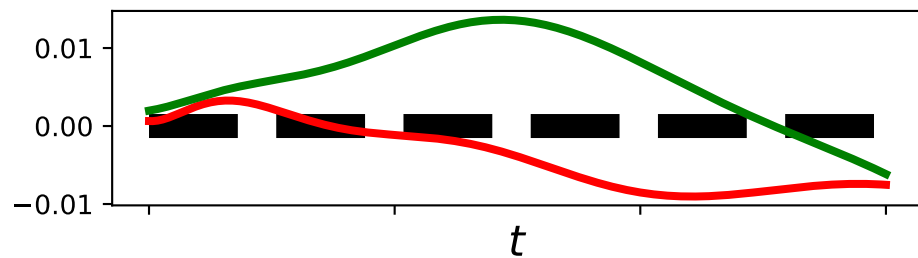# Physical Quantities
Trained for 1000 epochs
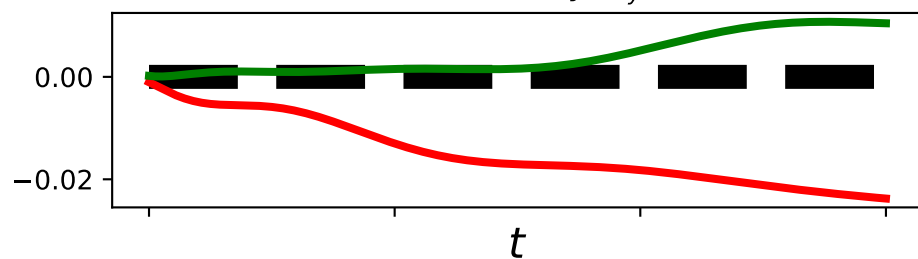
Mass Density (ρ)
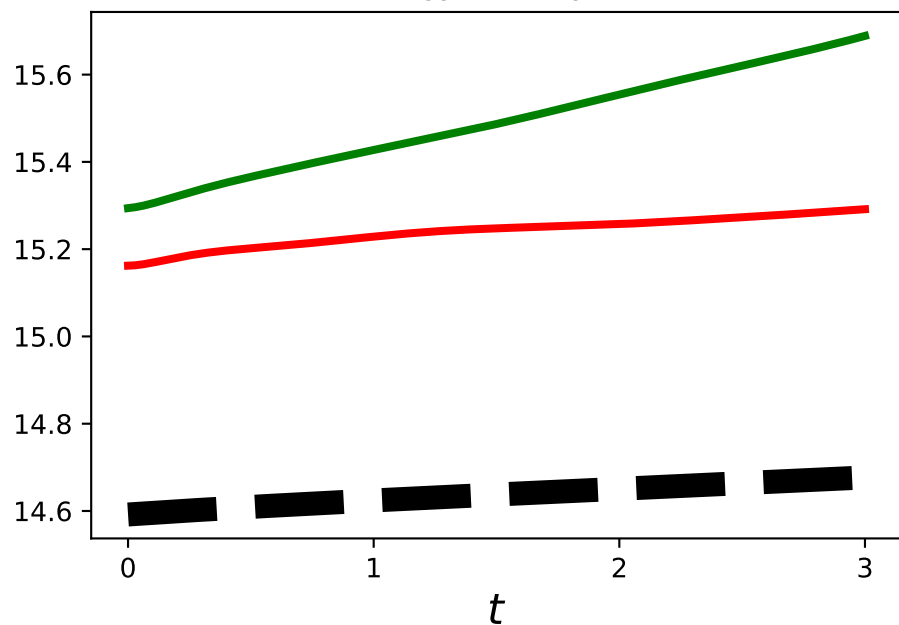
Bulk Velocity (v_x)
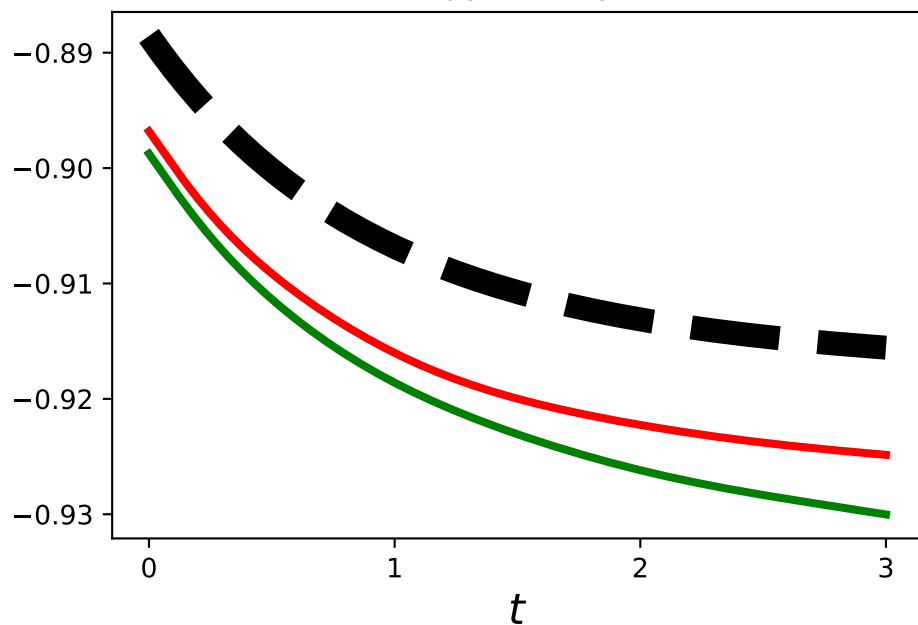
Bulk Velocity (v_y)

Energy Density (E)

Entropy Density (S)

Legend: Target — opPINN — PINN (ours)