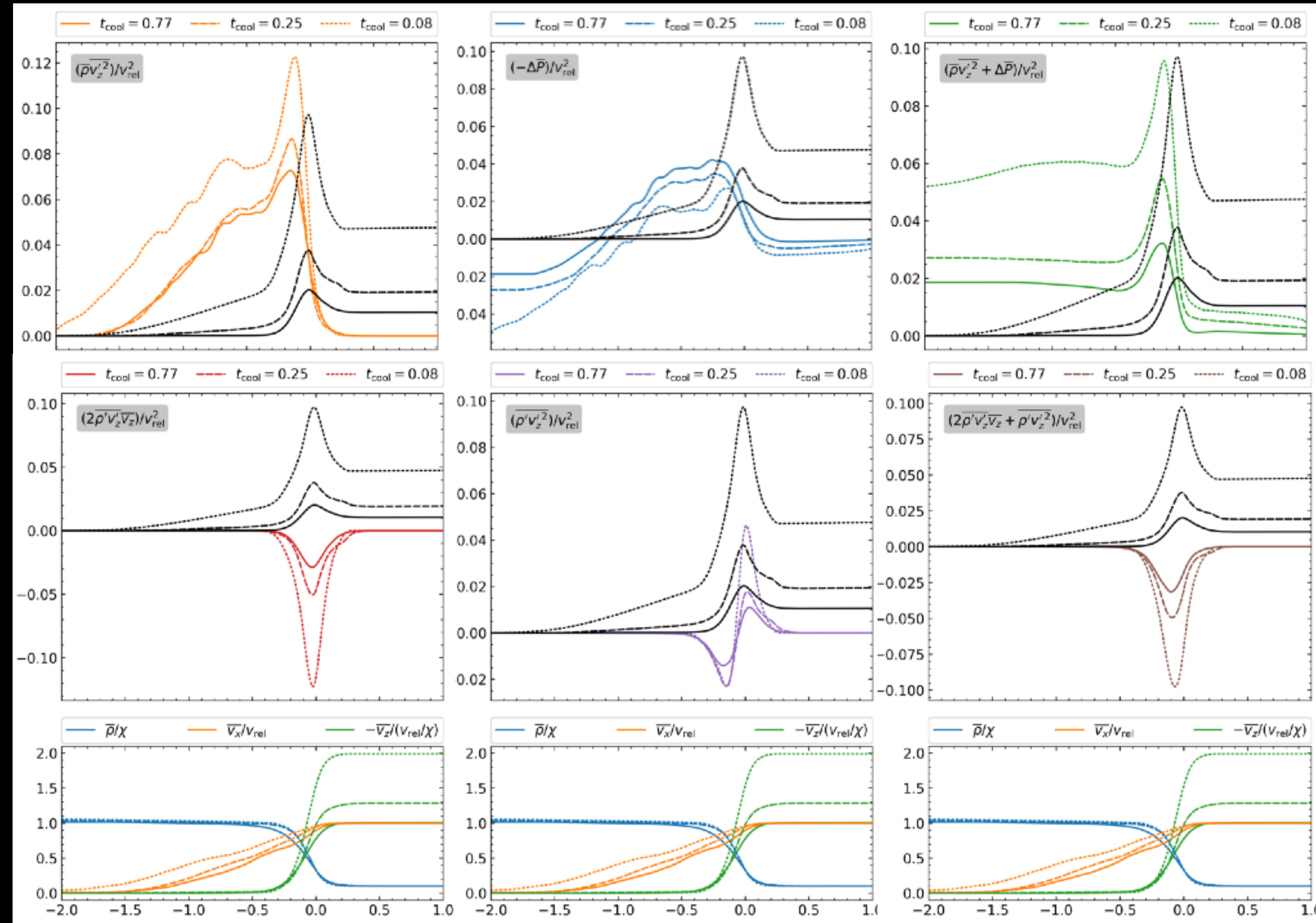
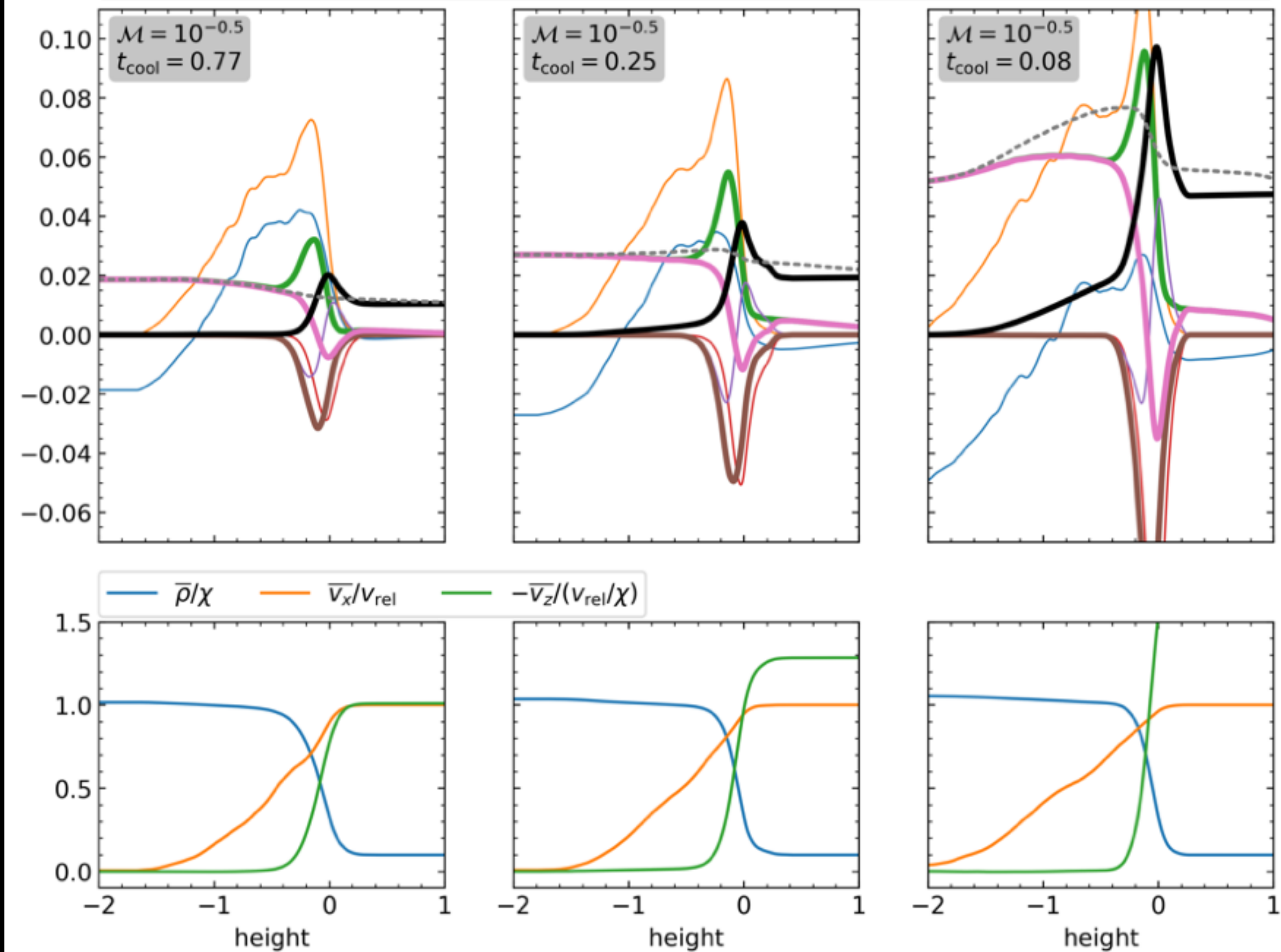
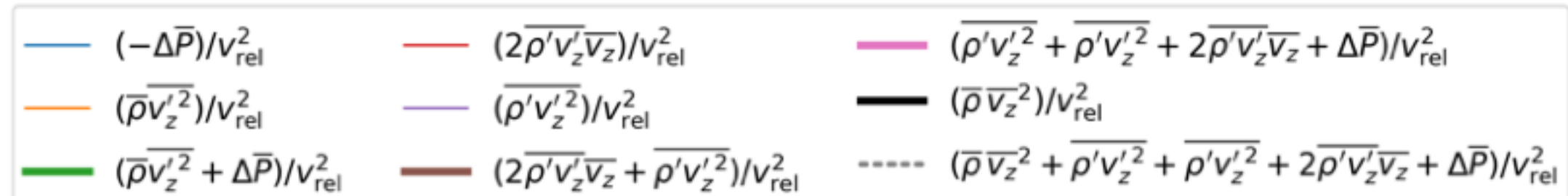


# $\tau_{zz}$ Reynolds Stress at fixed $t_{\text{cool}}$

$$\partial_z(\bar{\rho} \bar{v}_z^2 + \bar{\rho} \bar{v}_z'^2 + 2\bar{\rho}' \bar{v}_z' \bar{v}_z + \bar{\rho}' \bar{v}_z'^2 + \bar{P}) = 0$$





# $\tau_{zz}$ Reynolds Stress at fixed Mach

$$\partial_z(\bar{\rho}\bar{v}_z^2 + \bar{\rho}\bar{v}_z'^2 + 2\bar{\rho}'\bar{v}_z'\bar{v}_z + \bar{\rho}'\bar{v}_z'^2 + \bar{P}) = 0$$

