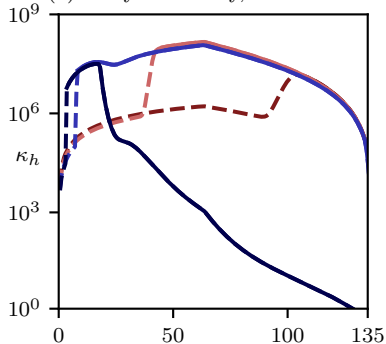
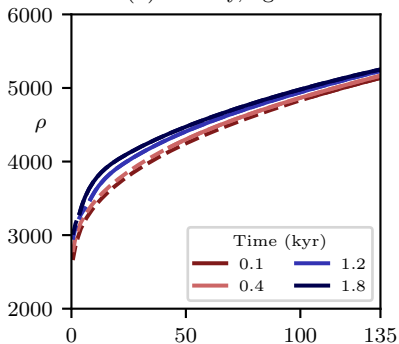
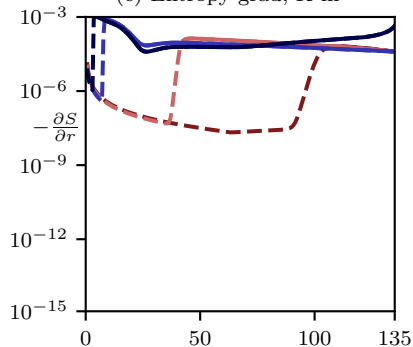
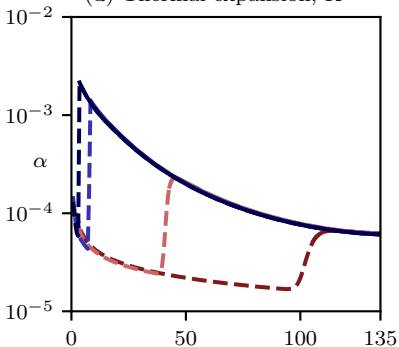
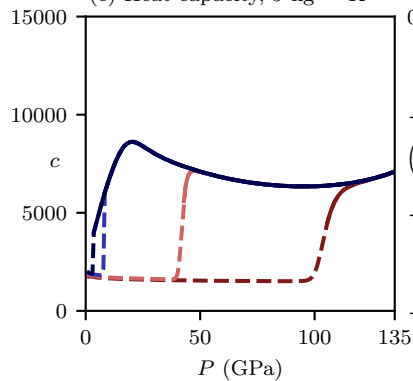


(a) Eddy diffusivity,  $\text{W m}^{-1} \text{K}^{-1}$ (b) Density,  $\text{kg m}^{-3}$ (c) Entropy grad,  $\text{K m}^{-1}$ (d) Thermal expansion,  $\text{K}^{-1}$ (e) Heat capacity,  $\text{J kg}^{-1} \text{K}^{-1}$ (f) Adiabatic grad,  $\text{K m}^{-1}$ 