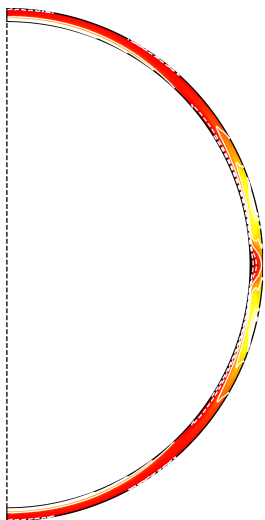
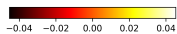


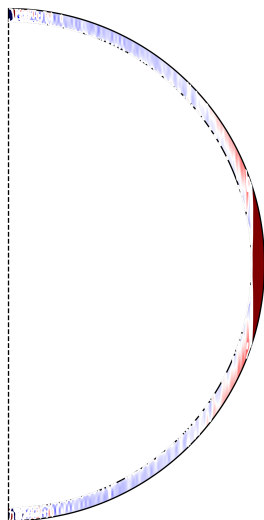
Entropy perturbation



$t = 1.011 \times 10^3$



Angular velocity  $\omega$



$t = 1.011 \times 10^3$

