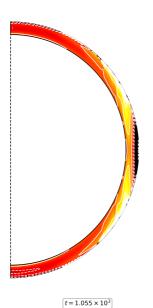
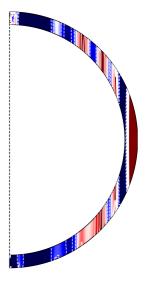
## Entropy perturbation

## Angular velocity $\omega$





 $t = 1.055 \times 10^3$ 



