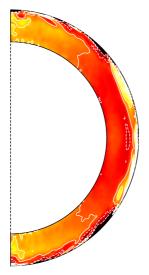
## Entropy perturbation



 $t = 3.208 \times 10^{1}$ 

## Angular velocity $\omega$



 $t = 3.208 \times 10^{1}$ 



