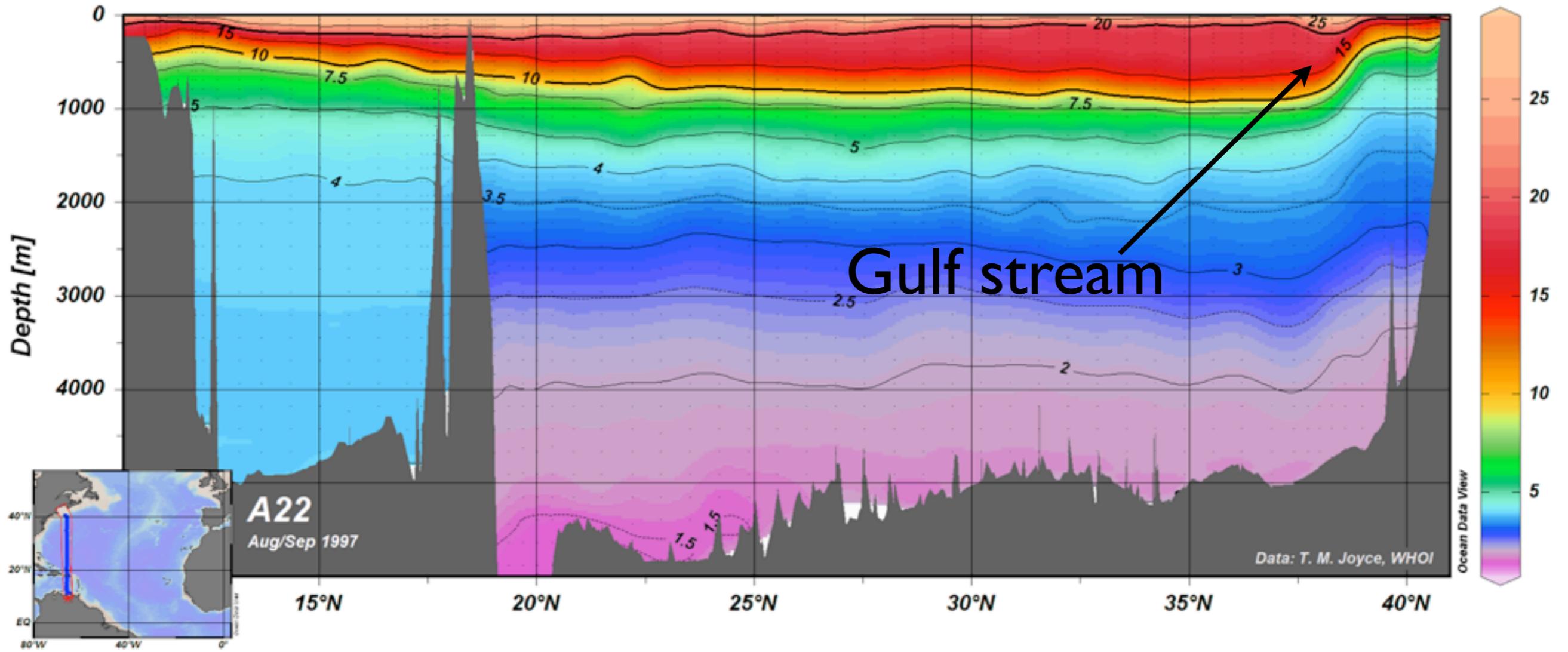
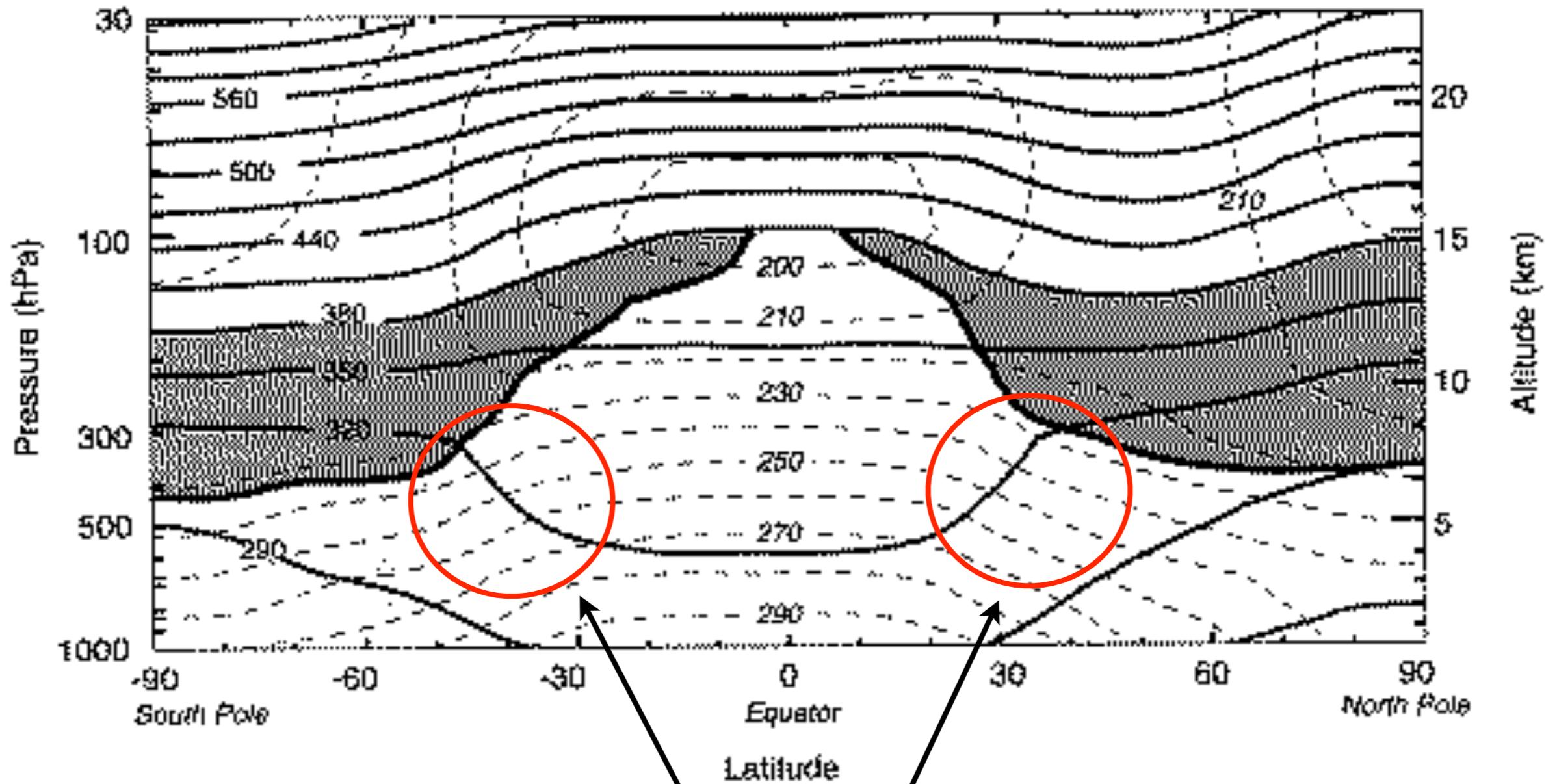


eWOCE

Potential Temperature  $\theta$  [ $^{\circ}\text{C}$ ]



dashed: *temperature*, solid: *potential temperature*



**Westerlies**

# Balanced Zonal Wind (m/s) January 1979-1995

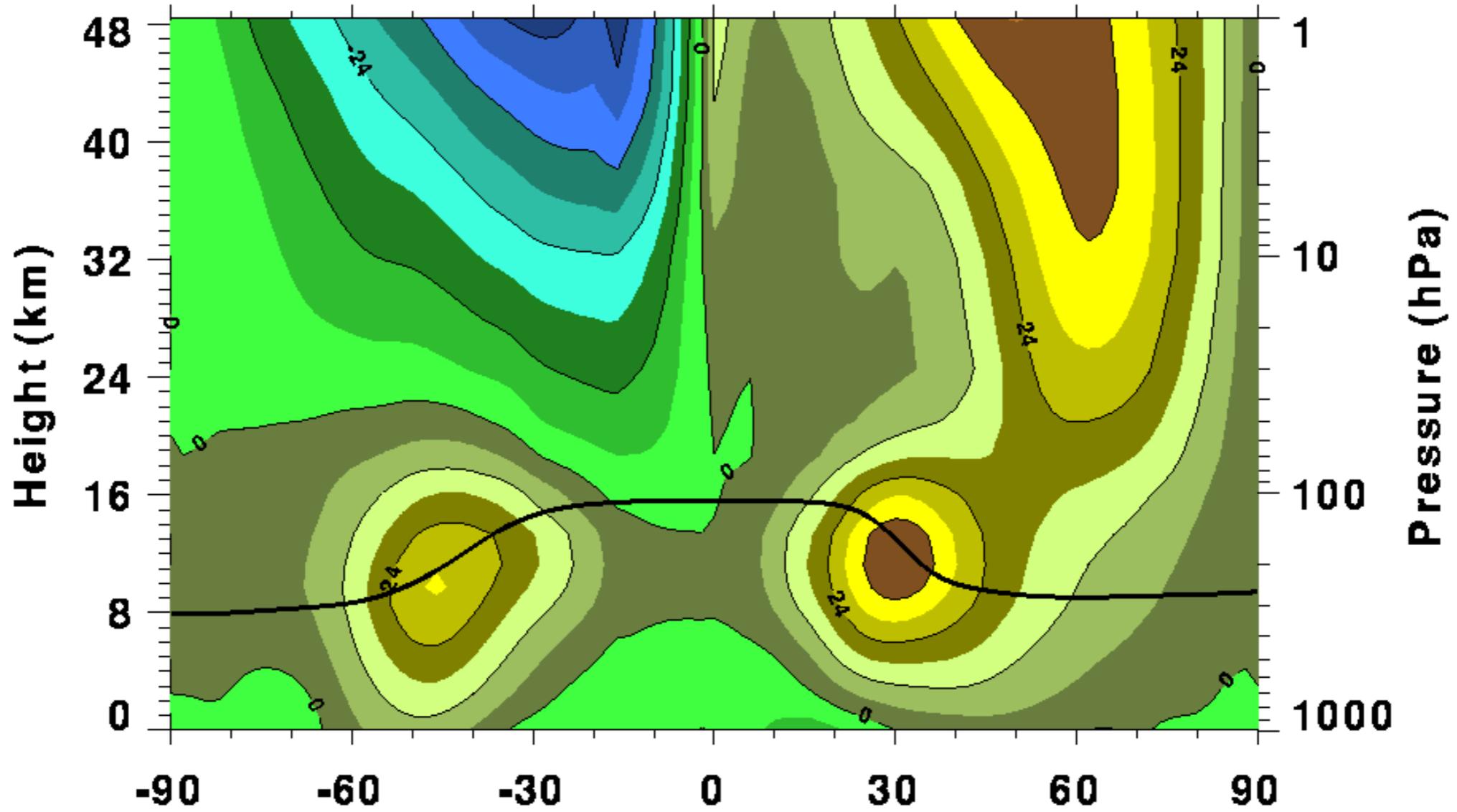
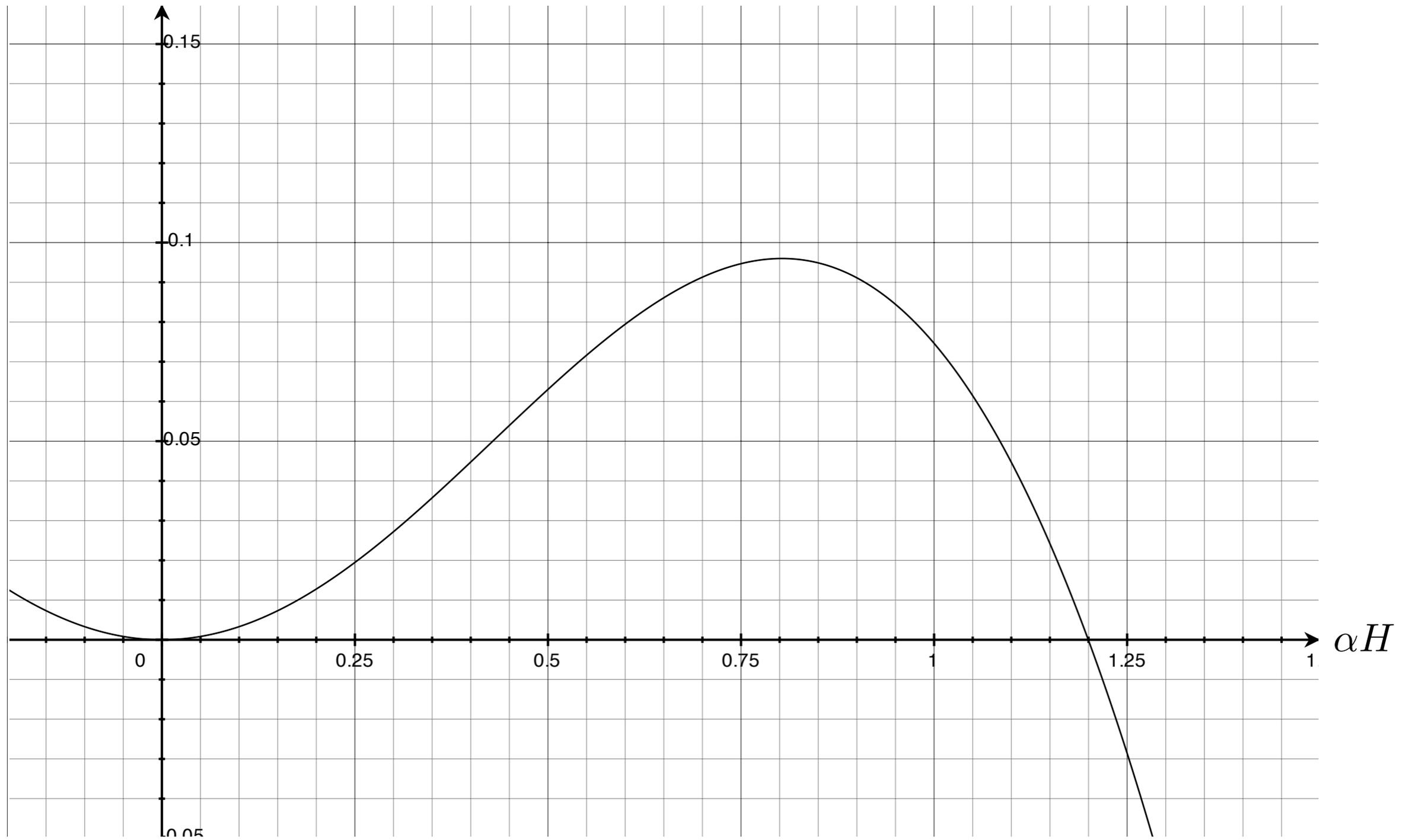
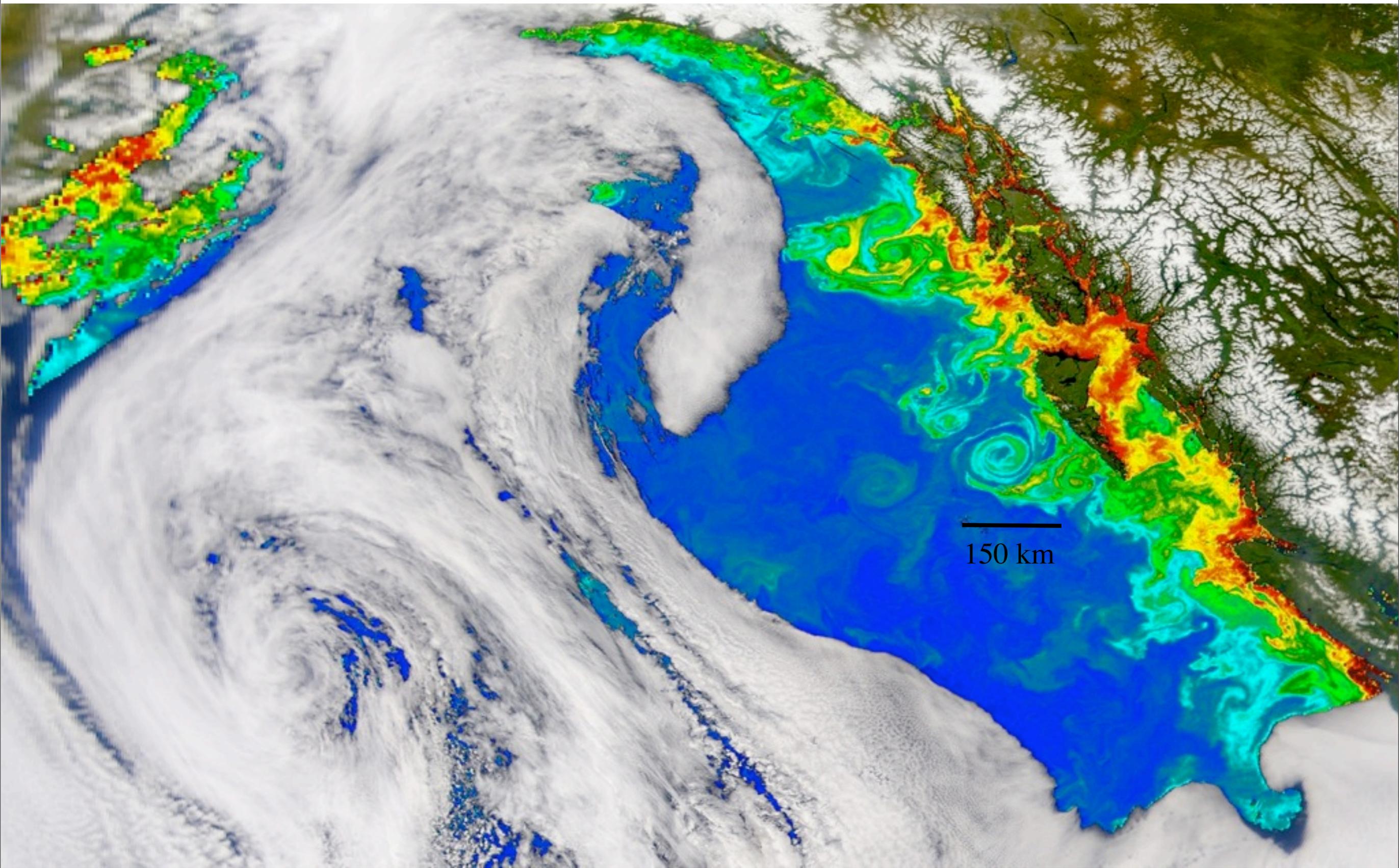


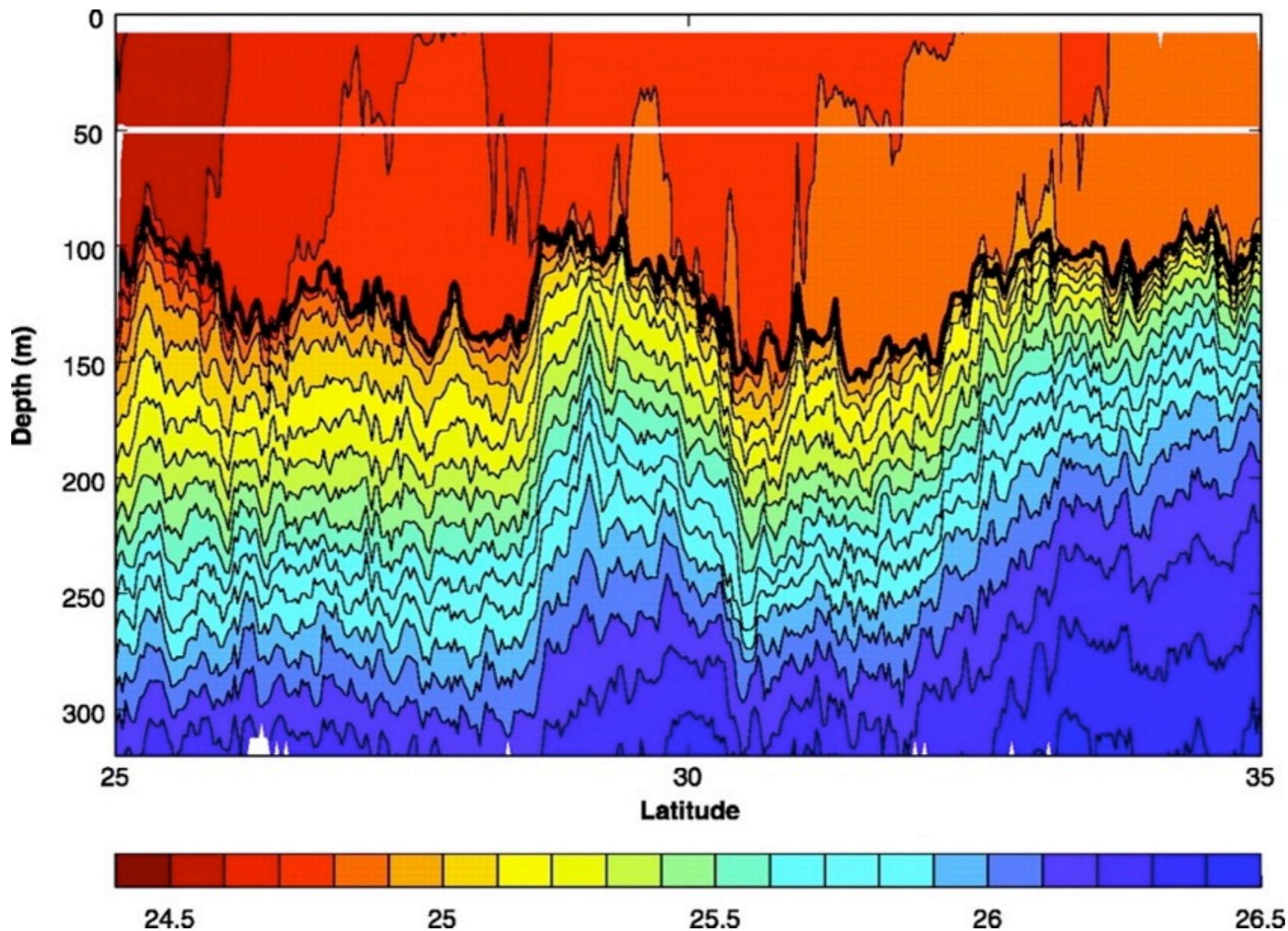
Figure 1: Zonal mean wind climatology for January.

$$-c^2 \frac{\alpha^2}{(dU/dz)^2}$$

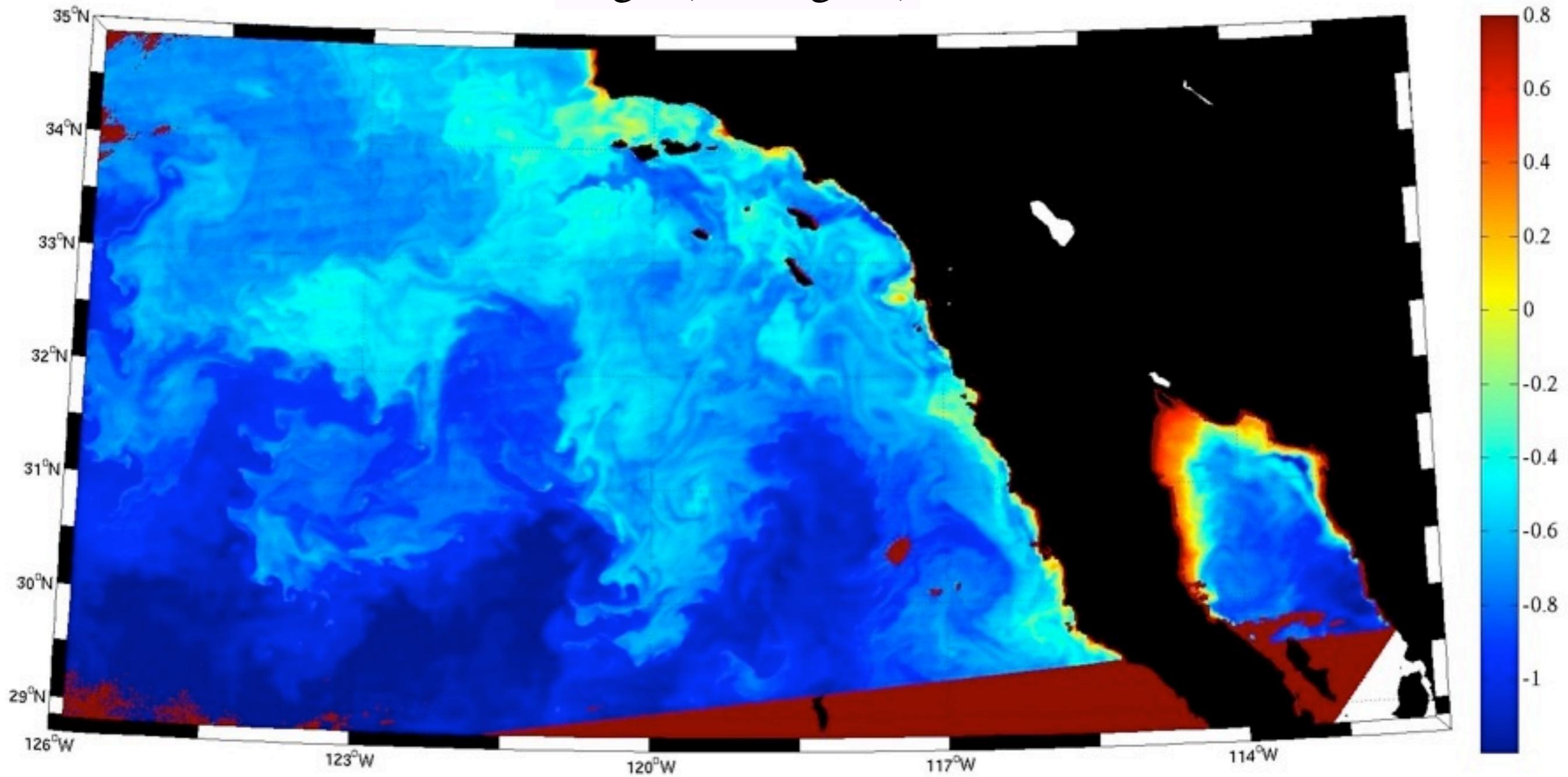




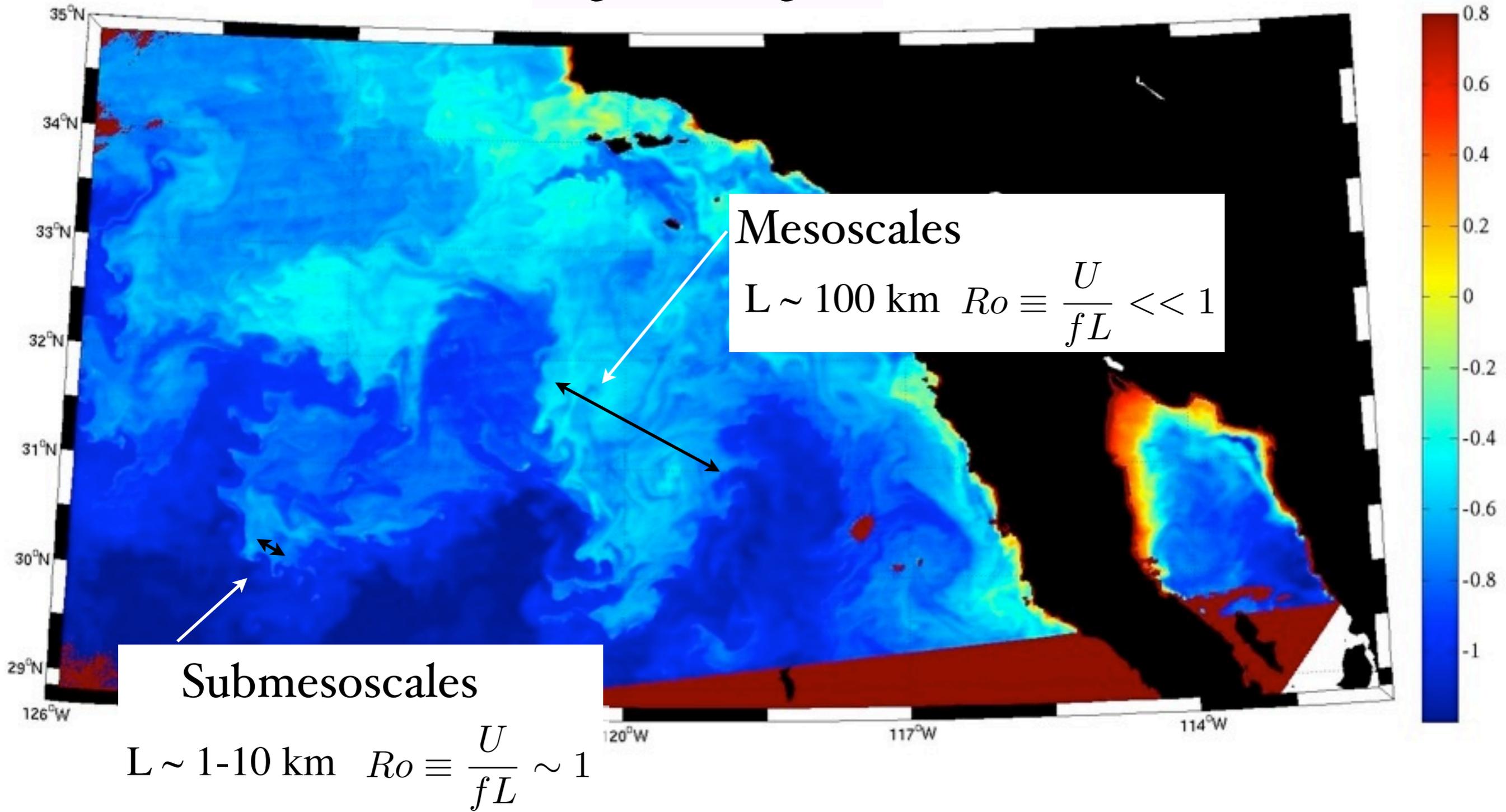
Density section in the upper ocean, from *Ferrari and Rudnick, 1999*



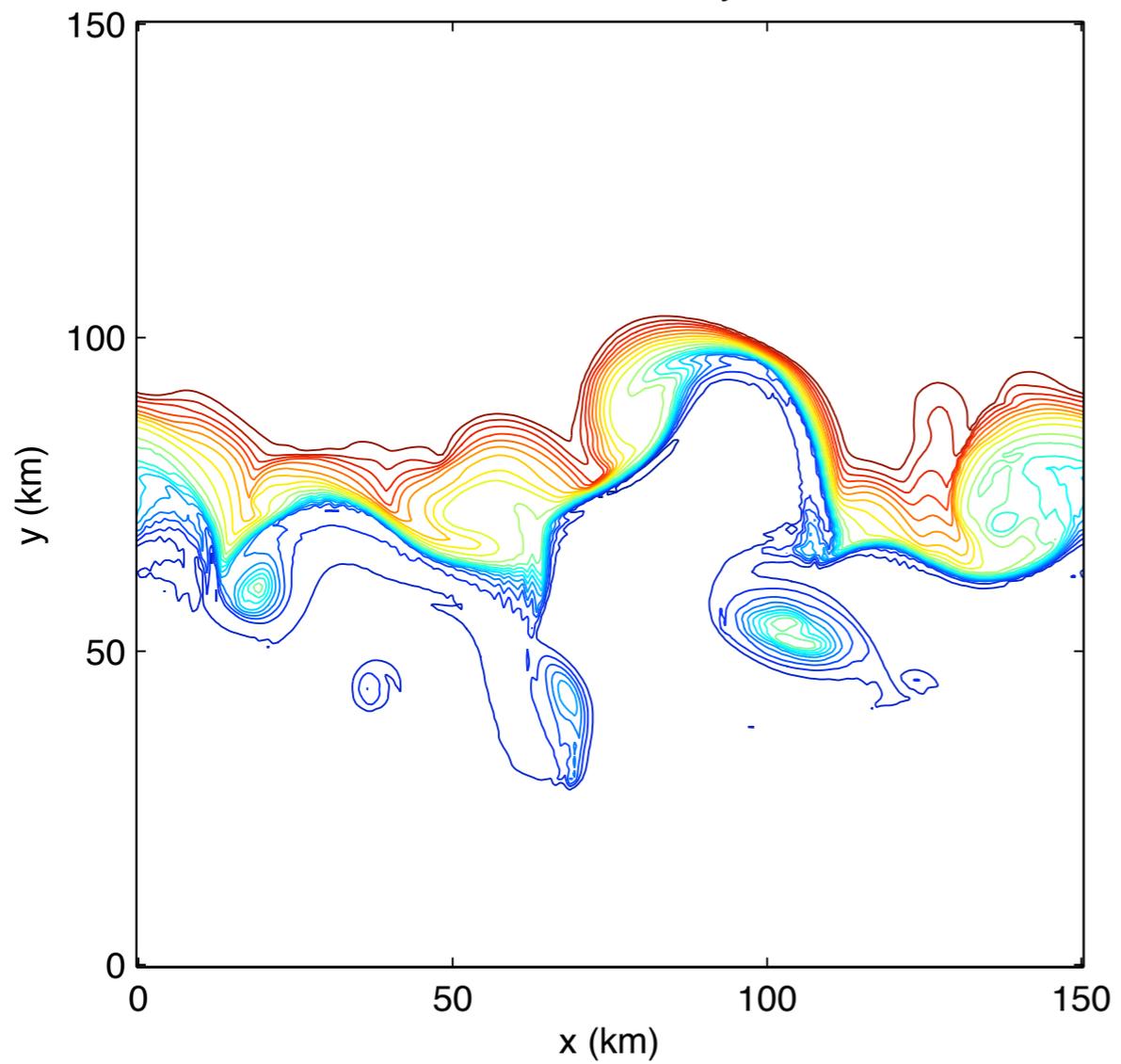
# Log<sub>10</sub> (Chl mg/m<sup>3</sup>)



$\text{Log}_{10} (\text{Chl } \text{mg}/\text{m}^3)$



Surface Density



Zonally-averaged density

