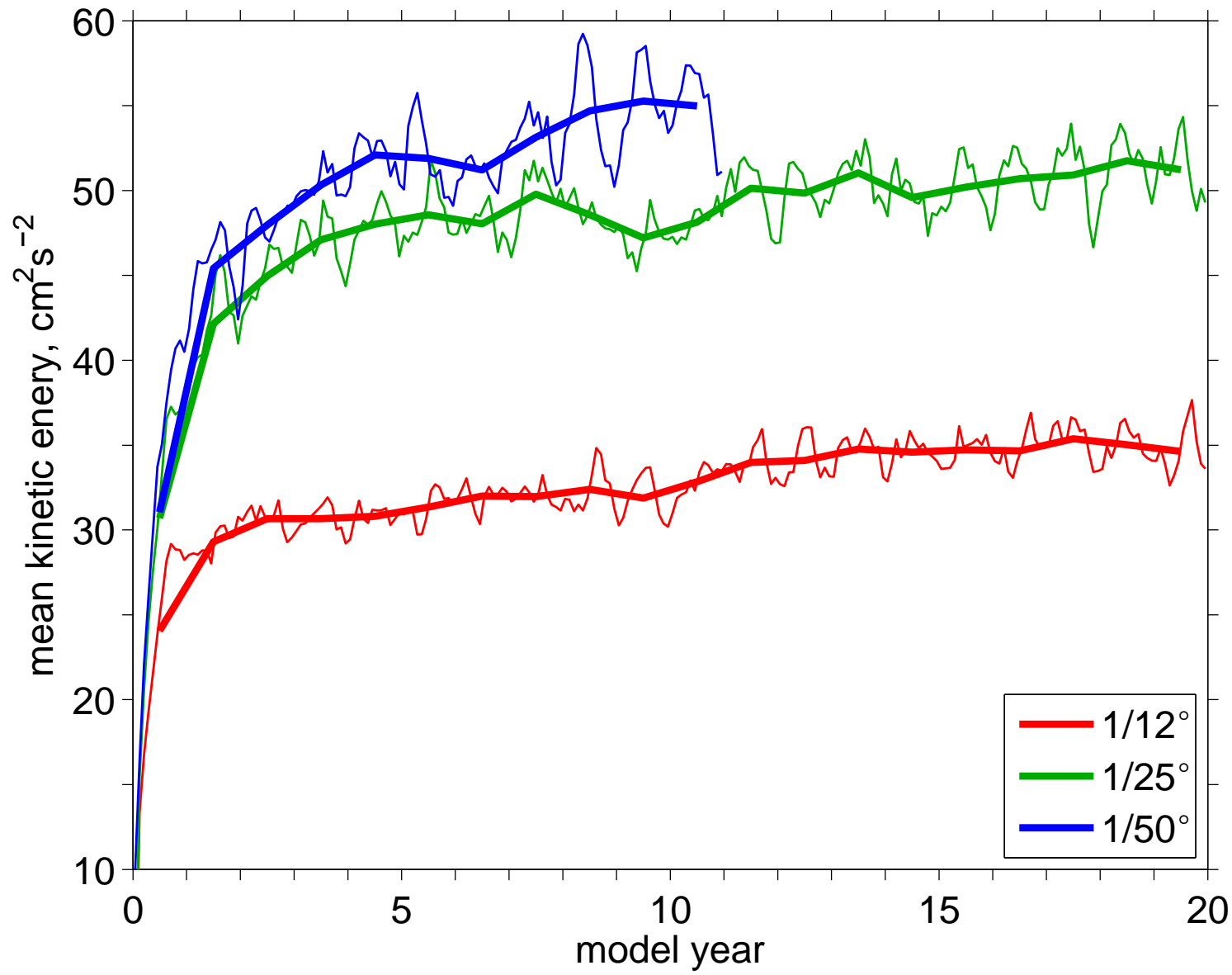


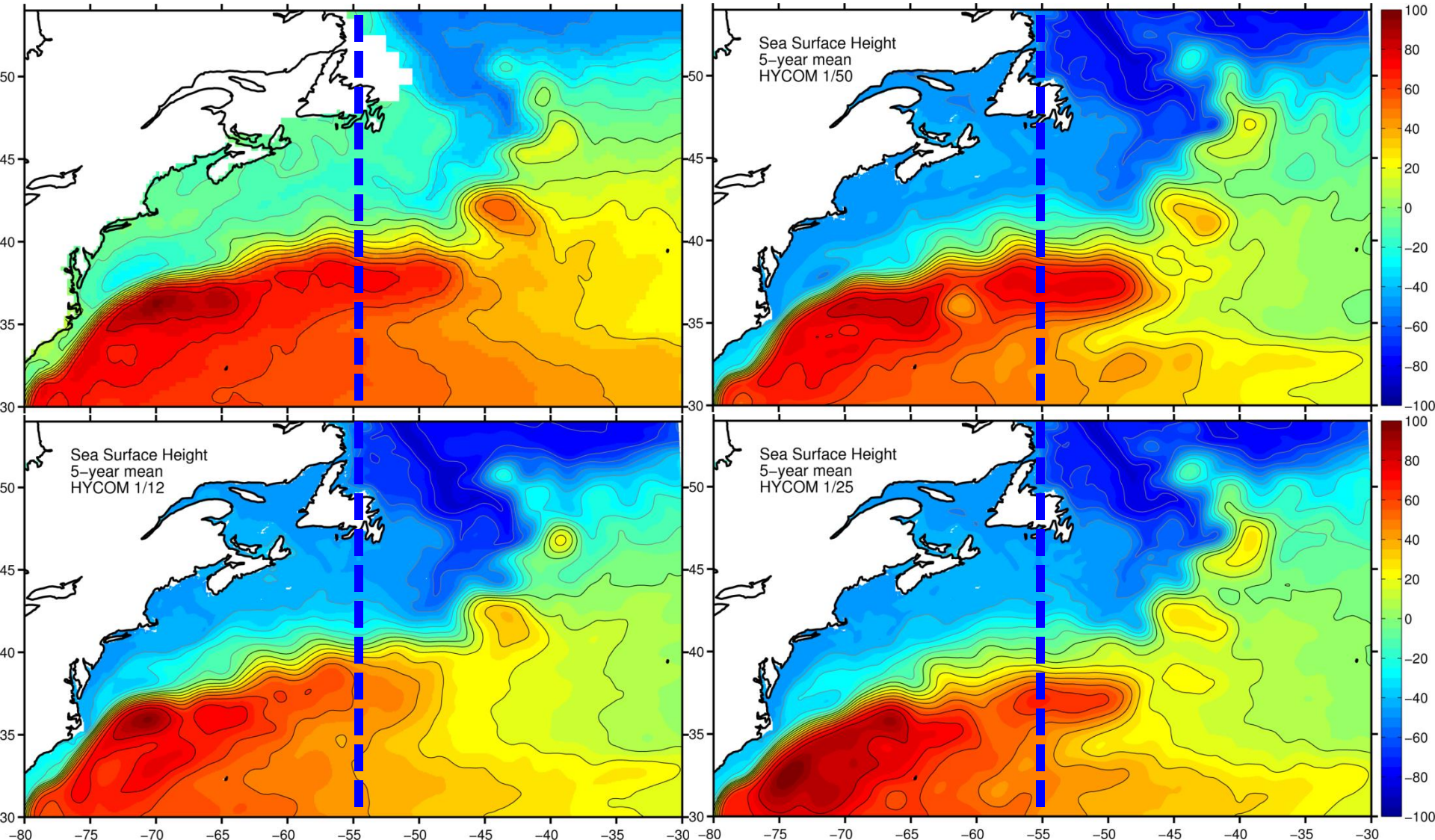
# North Atlantic Simulations at $1/50^\circ$

Eric Chassignet and Xiaobiao Xu  
Florida State University

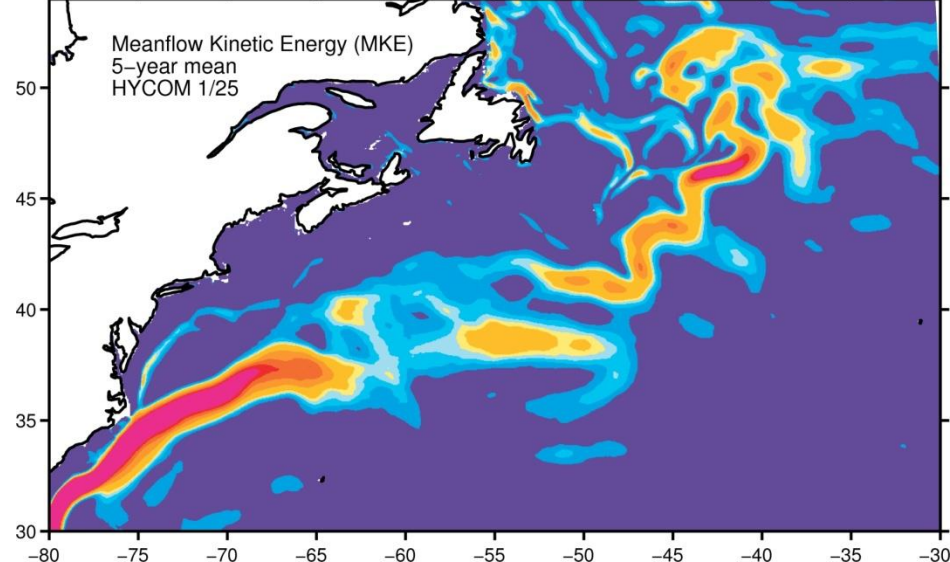
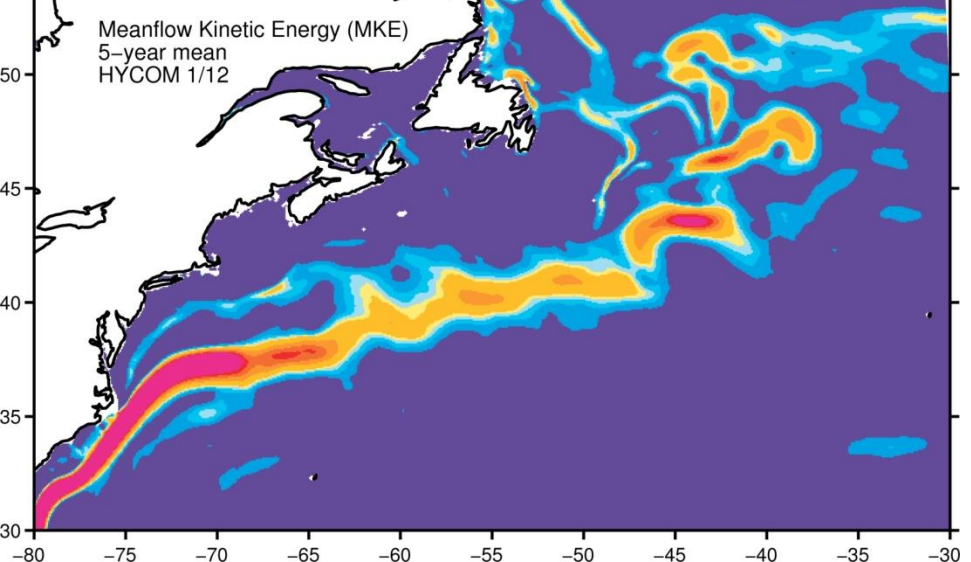
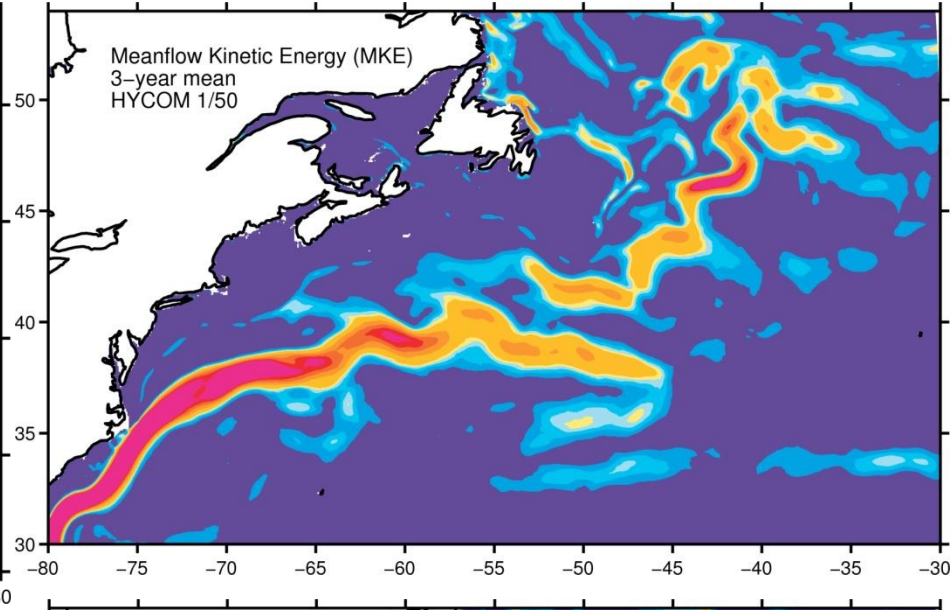
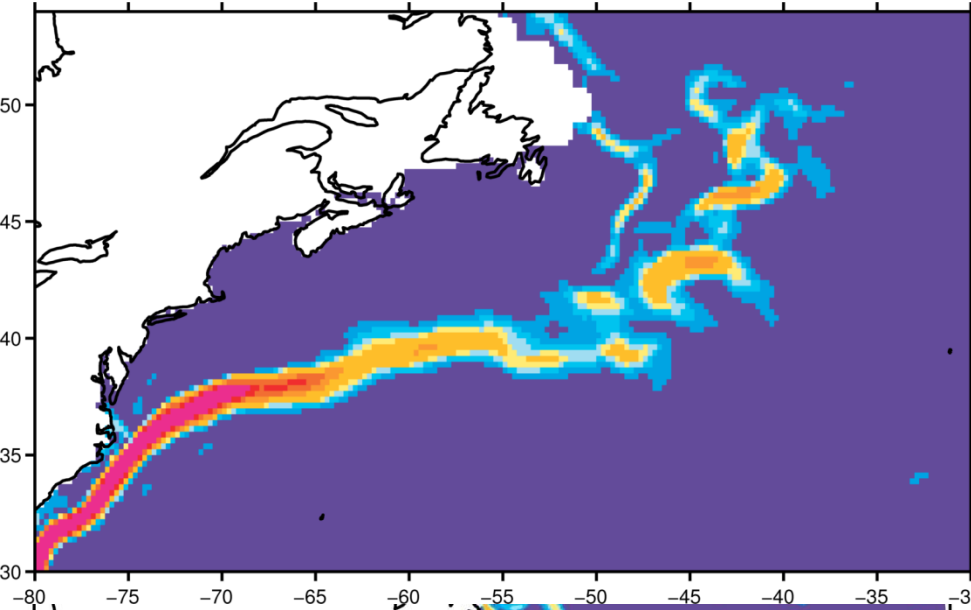
- Identical configuration including topography
- Viscosity as a function of grid spacing ( $1/12^\circ$  and  $1/25^\circ$ )
- Same viscosity for  $1/25^\circ$  and  $1/50^\circ$



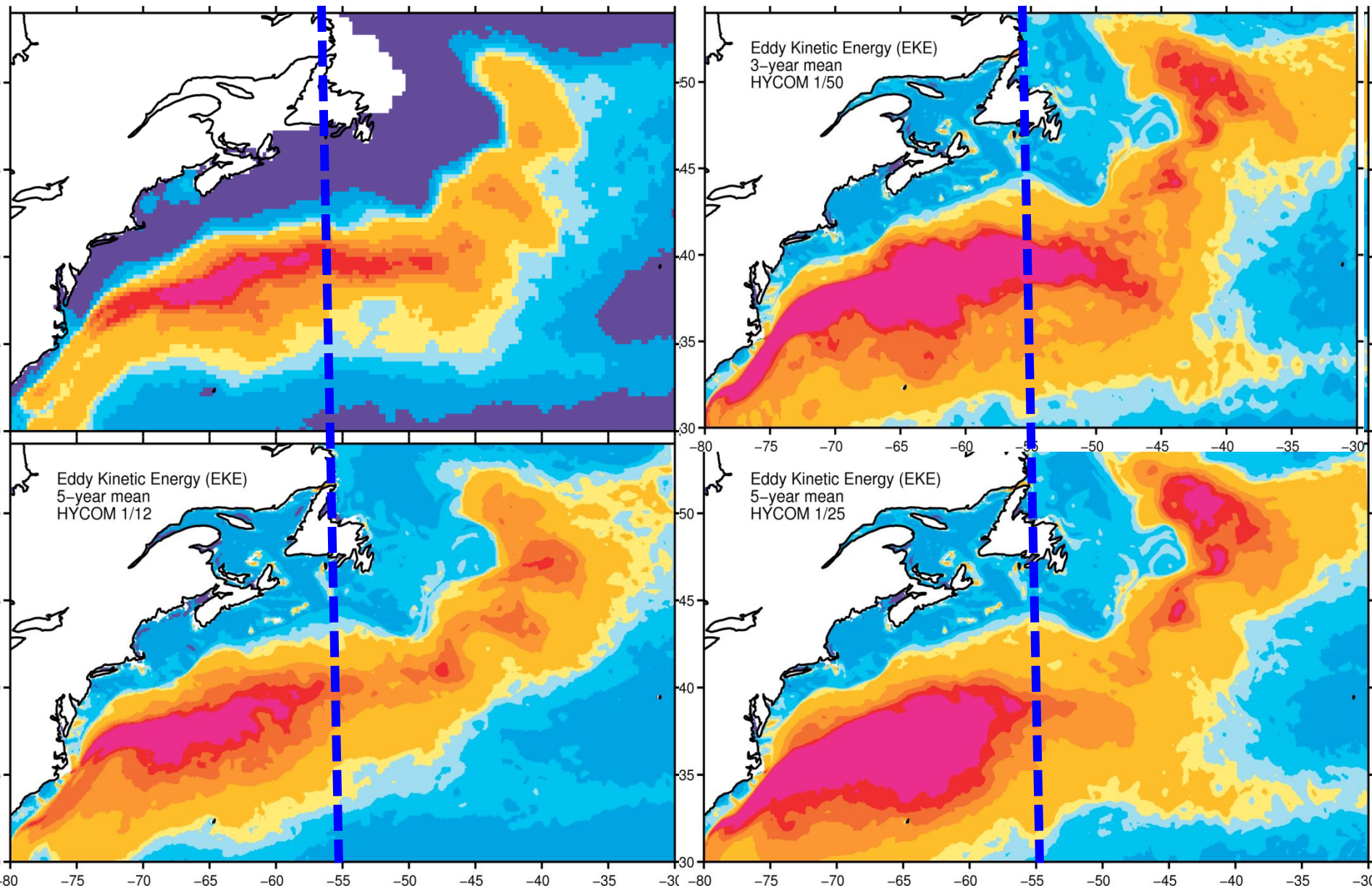
# Mean SSH



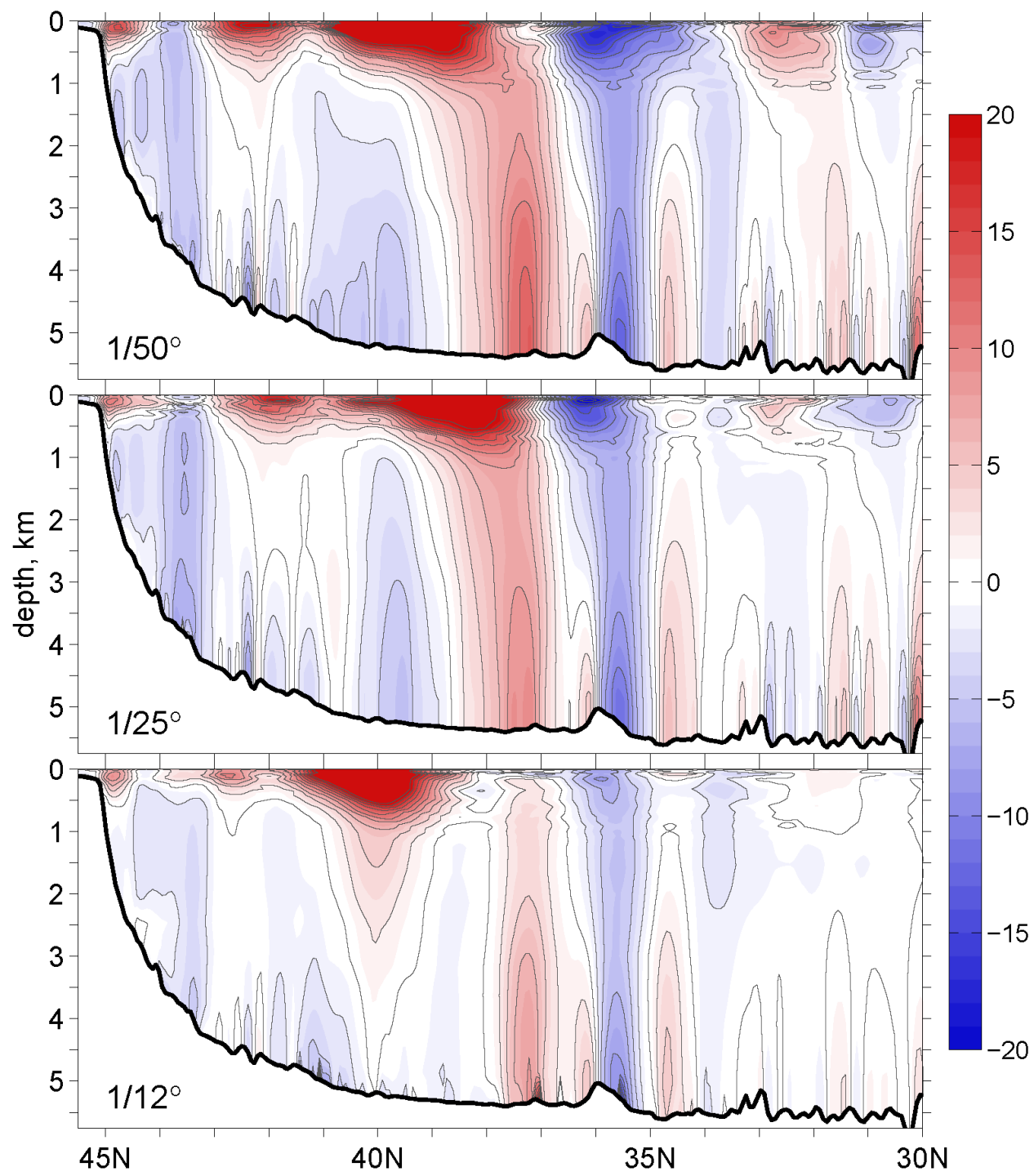
# Mean Kinetic Energy



# Mean Eddy Kinetic Energy



- Mean zonal velocity at 55°W



- Mean eddy kinetic energy  $\bar{y}$  at 55°W

