



Figure 25.7: Observed (top two panel) and simulated (lower two panels) turbulent dissipation rates  $\varepsilon$  in  $W\,kg^{-1}$  during 20-hour observation period. Upper left panel: FLY observations; upper right panel: MST-observations; lower left panel: model with second-moment closure from *Canuto et al.* [2001]; lower right panel:  $k$ -model with length scale from *Robert and Ouellet* [1987] (AG). The small top panels show surface and bottom stress in  $N\,m^{-2}$ .