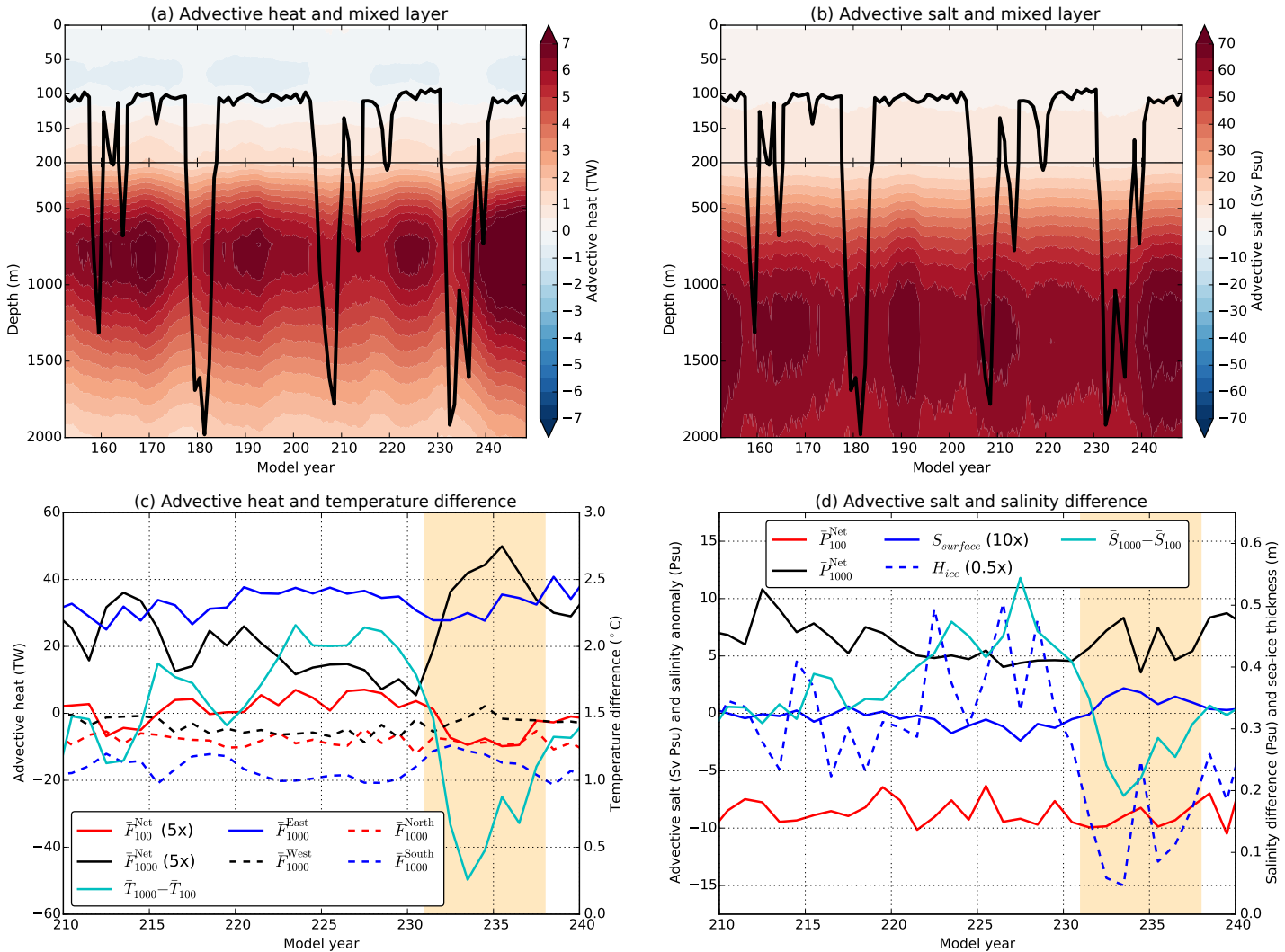
(a) Advective heat and mixed layer
Depth (m)
Model year
Advective heat (TW)
(b) Advective salt and mixed layer
Depth (m)
Model year
Advective salt (Sv Psu)
(c) Advective heat and temperature difference
Advective heat (TW)
Temperature difference (°C)
Model year
$\bar{F}^{\mathrm{Net}}_{100}$ (5x)
$\bar{F}^{\mathrm{Net}}_{1000}$ (5x)
$\bar{T}_{1000}-\bar{T}_{100}$
$\bar{F}^{\mathrm{East}}_{1000}$
$\bar{F}^{\mathrm{West}}_{1000}$
$\bar{F}^{\mathrm{North}}_{1000}$
$\bar{F}^{\mathrm{South}}_{1000}$
(d) Advective salt and salinity difference
Advective salt (Sv Psu) and salinity anomaly (Psu)
Salinity difference (Psu) and sea-ice thickness (m)
Model year
$\bar{P}^{\mathrm{Net}}_{100}$
$\bar{P}^{\mathrm{Net}}_{1000}$
$S_{surface}$ (10x)
H_{ice} (0.5x)
$\bar{S}_{1000}-\bar{S}_{100}$