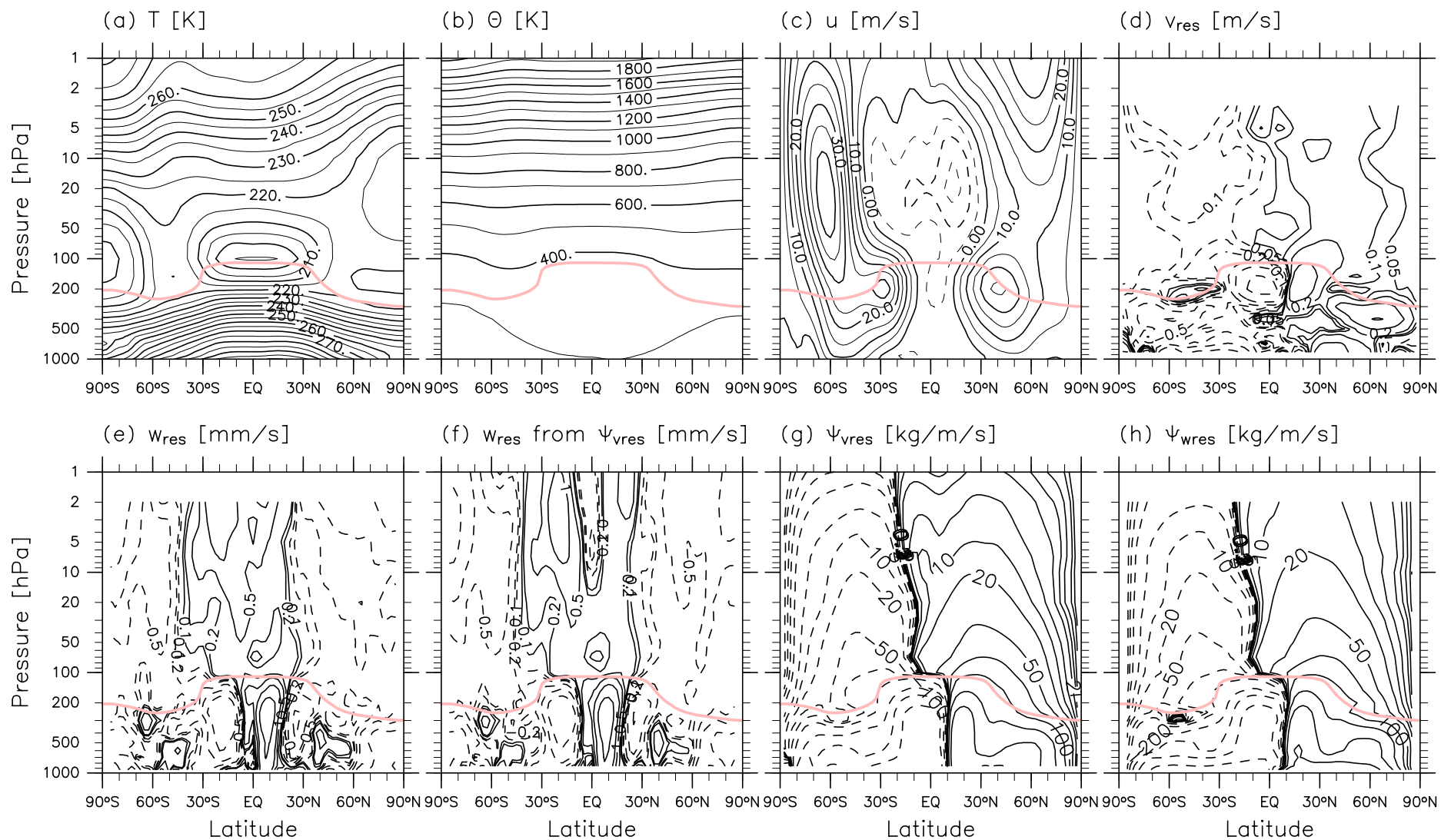


SON (81–10)

CFSR



SON (81–10)

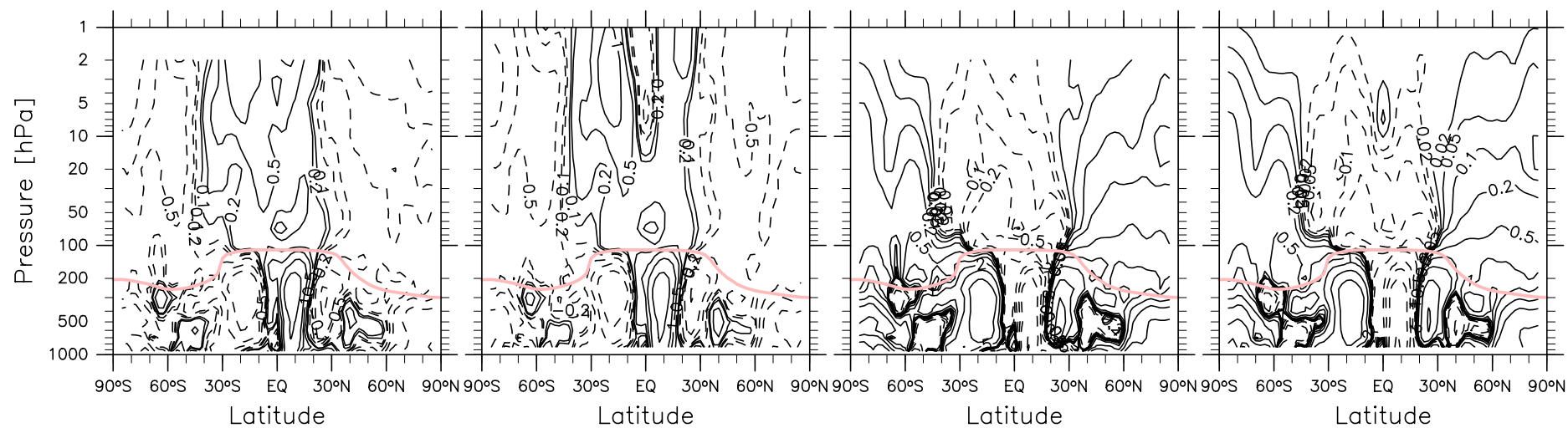
CFSR

(a)  $w_{\text{res}}$  [mm/s]

(b)  $w_{\text{res}}$  from  $\psi_{\text{vres}}$  [mm/s]

(c)  $\omega_{\text{res}}$  [mPa/s]

(d)  $\omega_{\text{res}}$  from  $\psi_{\text{vres}}$  [mPa/s]



SON (81–10)

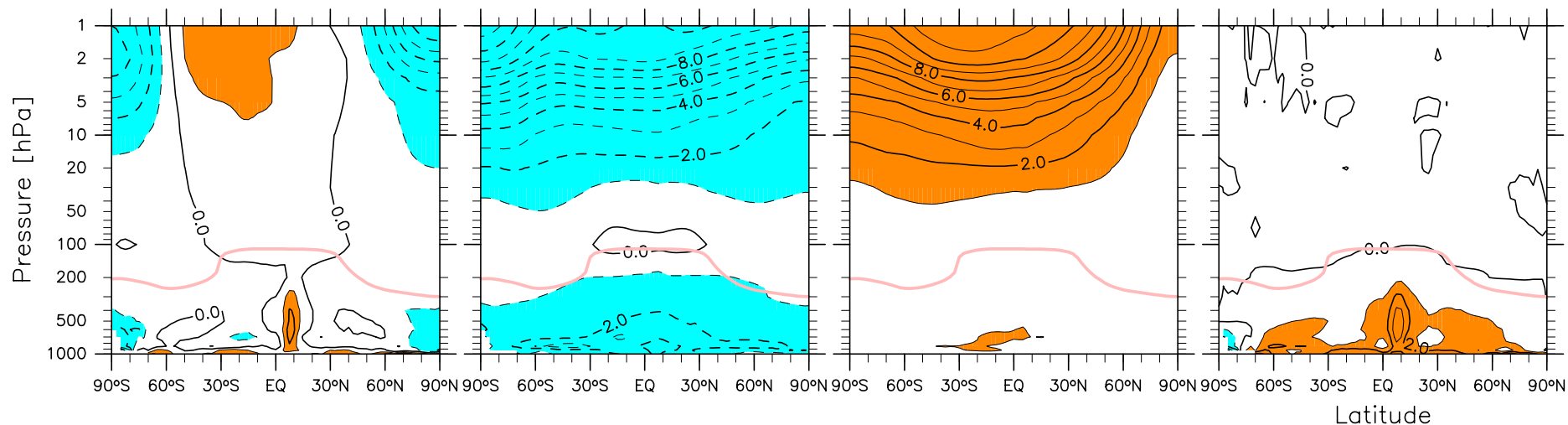
CFSR

(a)  $Q_{\text{total}}$  [K/d]

(b)  $Q_{\text{longwave}}$  [K/d]

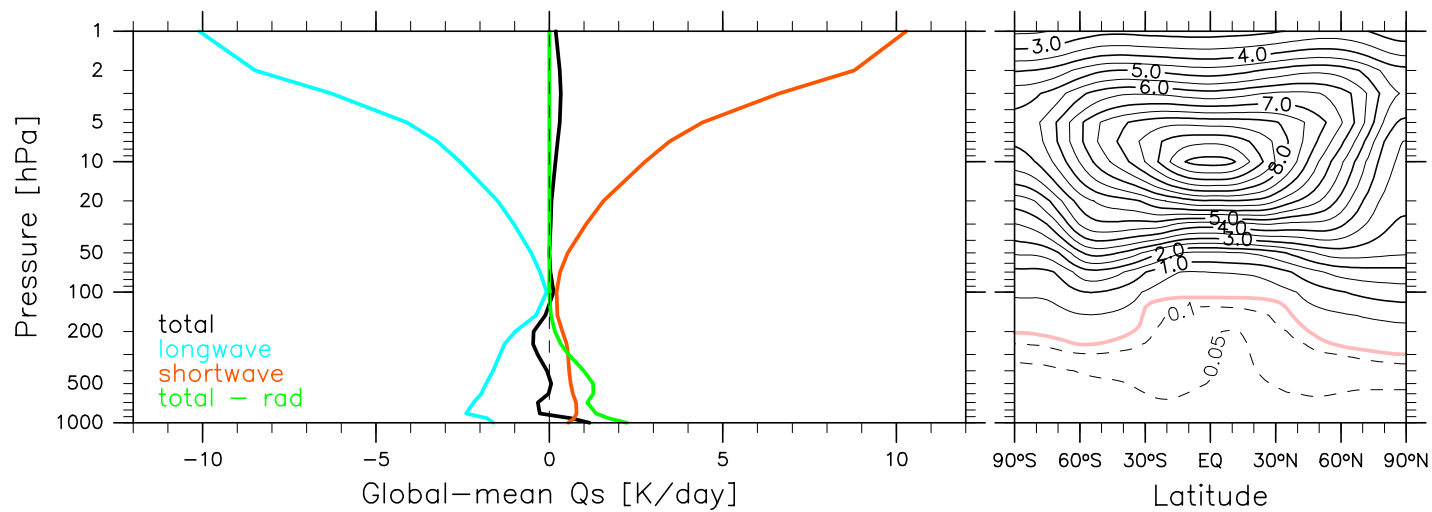
(c)  $Q_{\text{shortwave}}$  [K/d]

(d)  $Q_{\text{total}} - Q_{\text{rad}}$  [K/d]



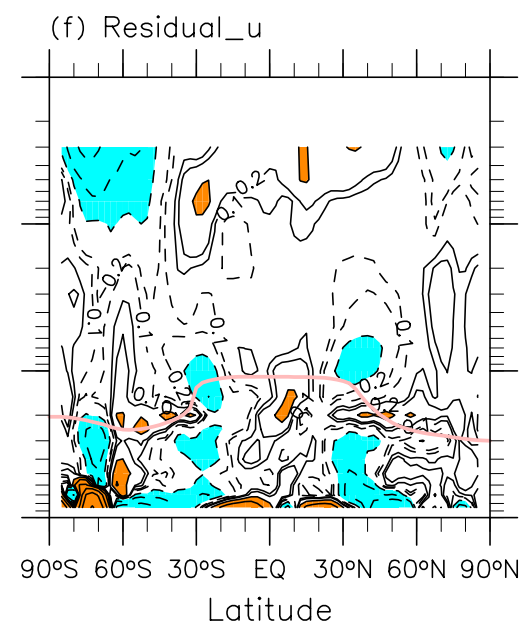
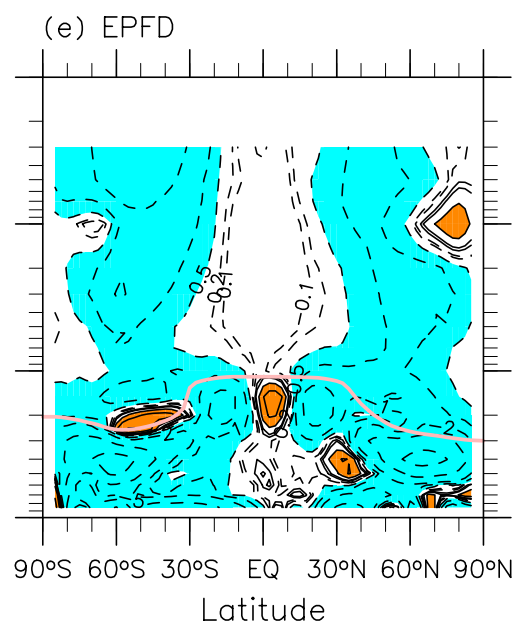
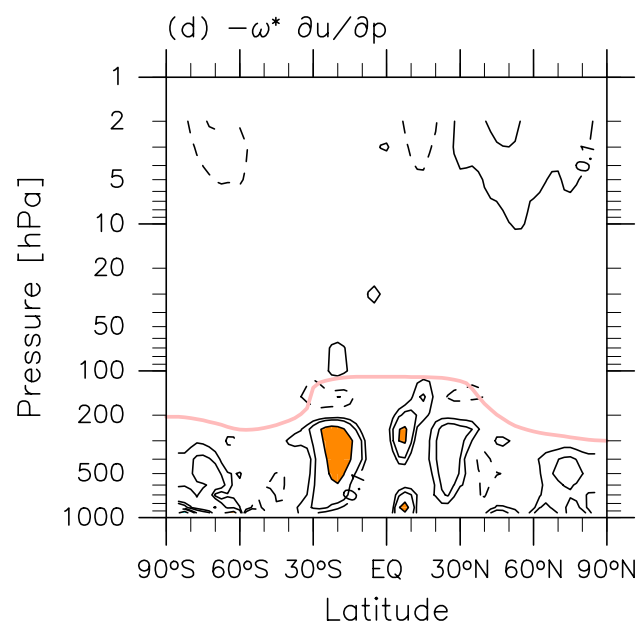
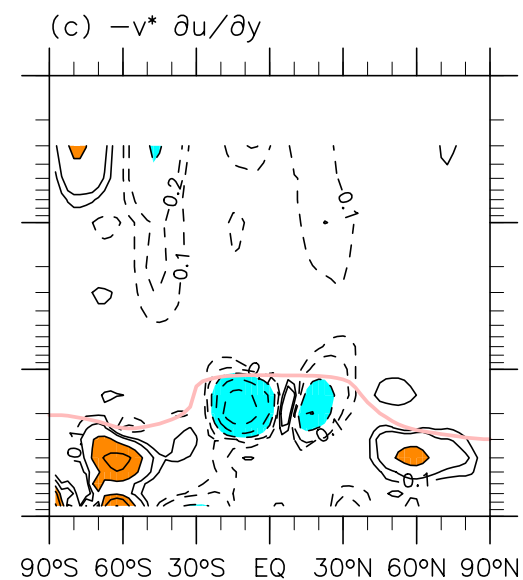
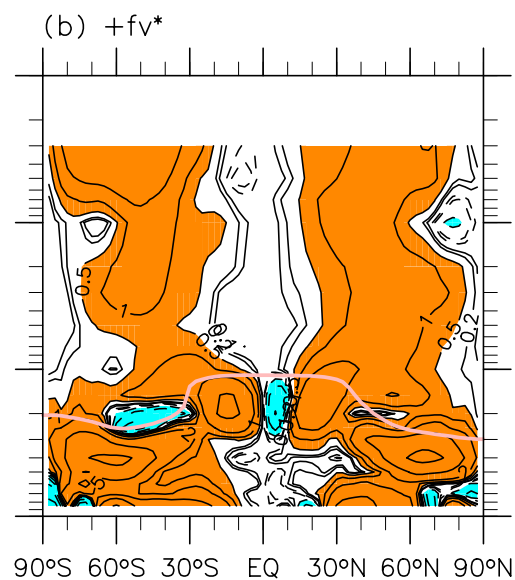
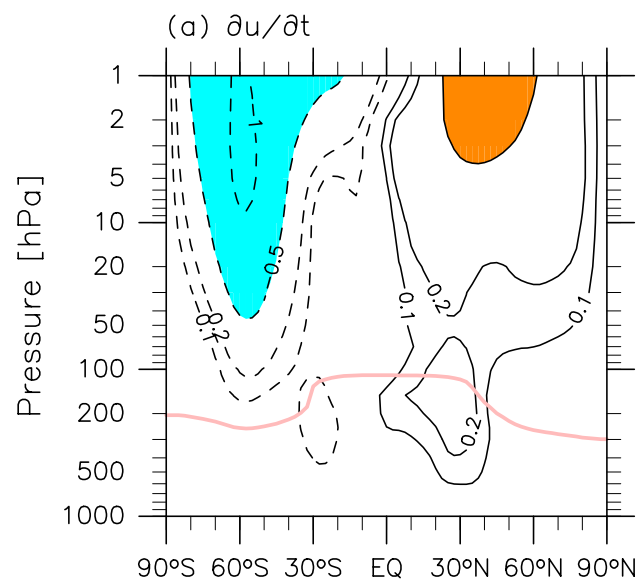
(e) Global-mean  $Q_s$  [K/d]

(f) Ozone [ppmv]



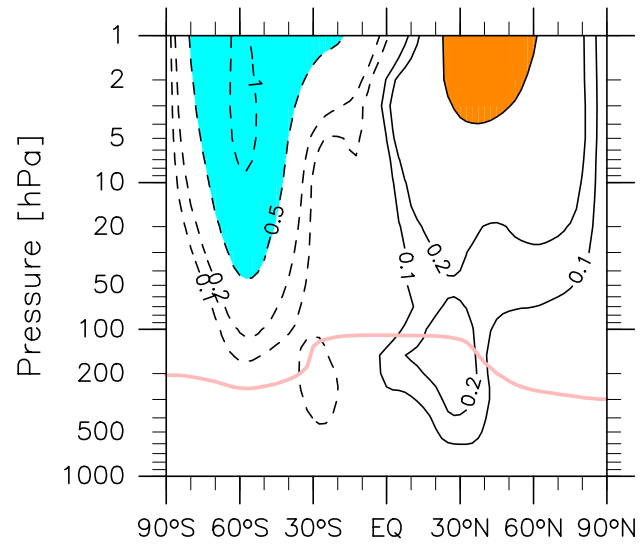
SON (81–10)

CFSR



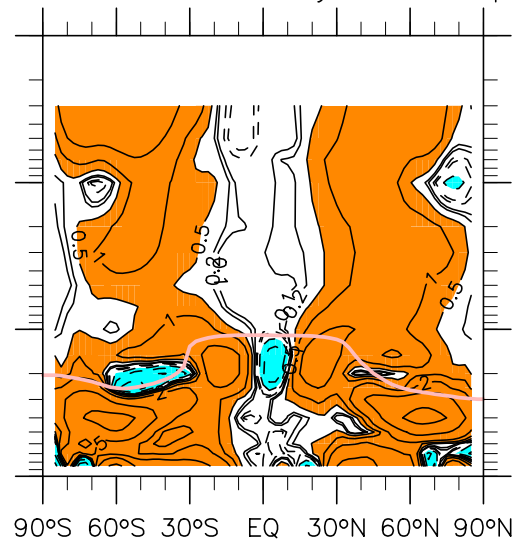
SON (81–10)

(a)  $\partial u / \partial t$

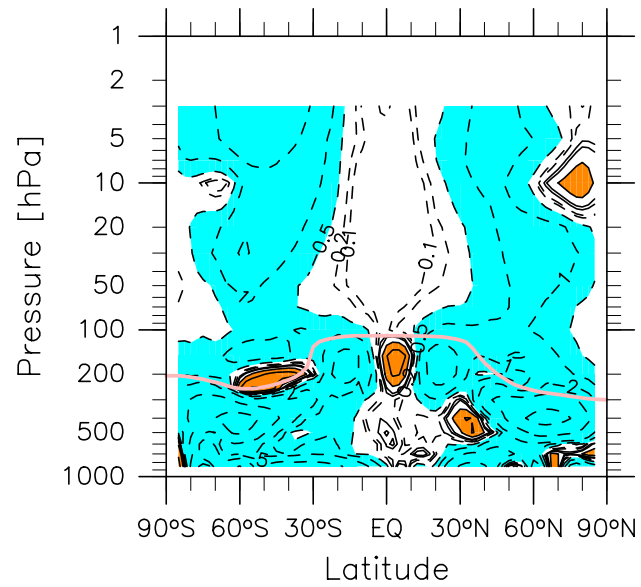


CFSR

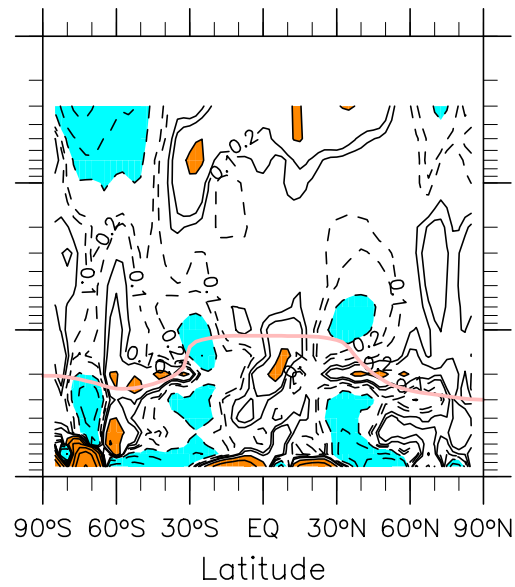
(b)  $+fv^* - v^* \partial u / \partial y - \omega^* \partial u / \partial p$



(c) EPFD

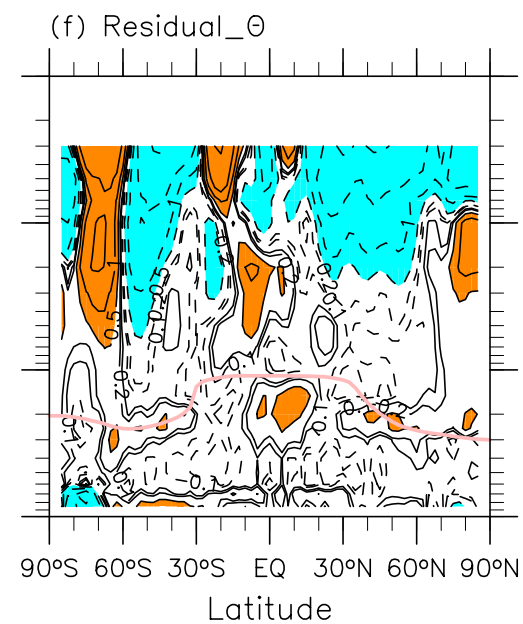
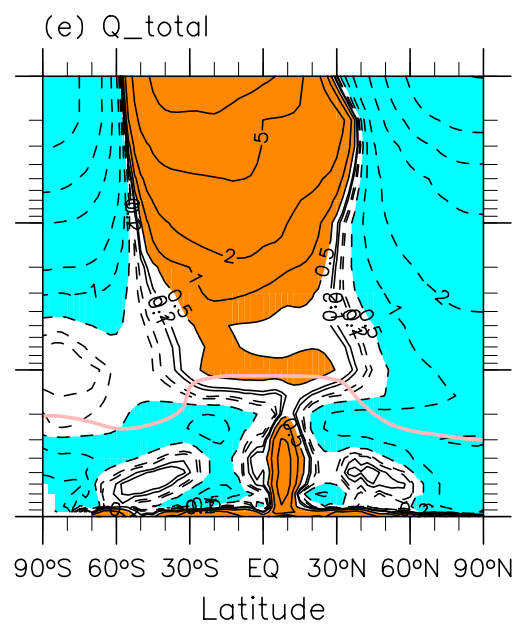
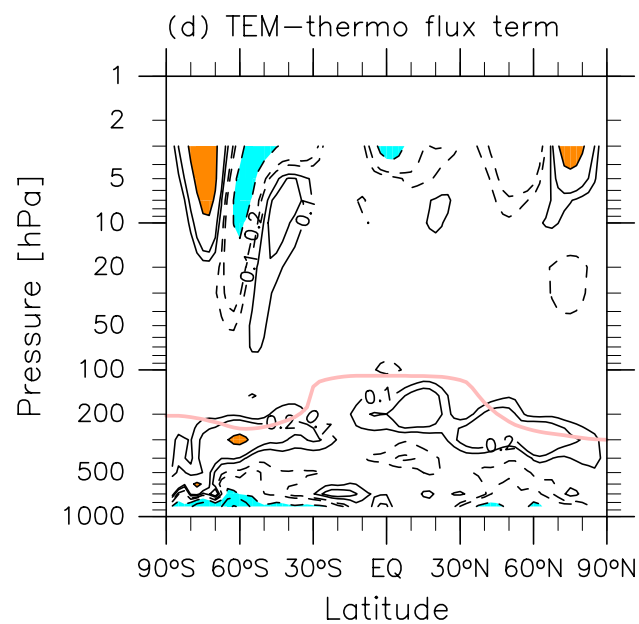
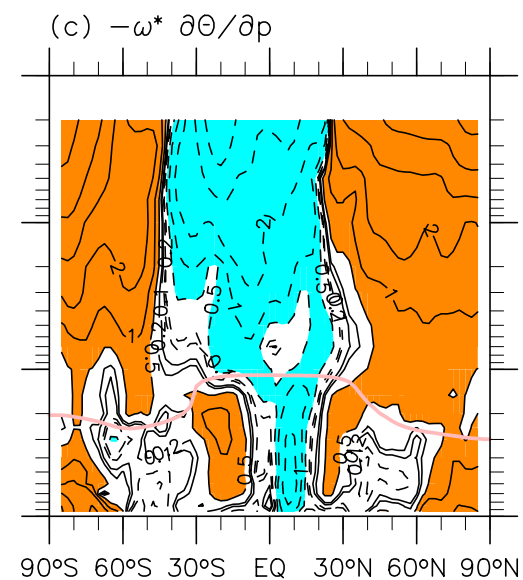
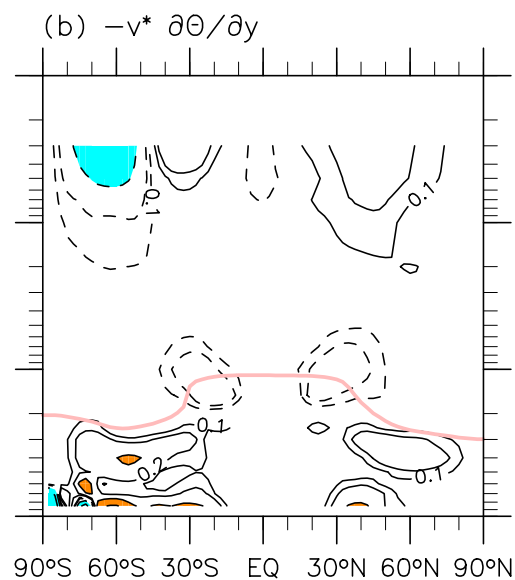
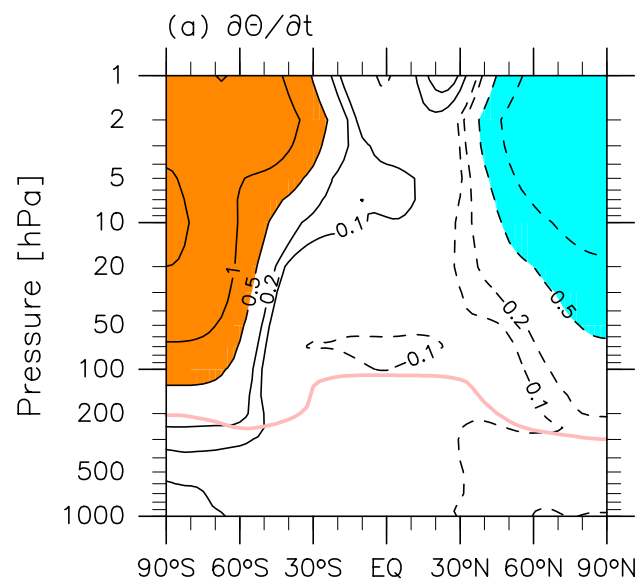


(d) Residual\_u



SON (81–10)

CFSR



SON (81–10)

CFSR

