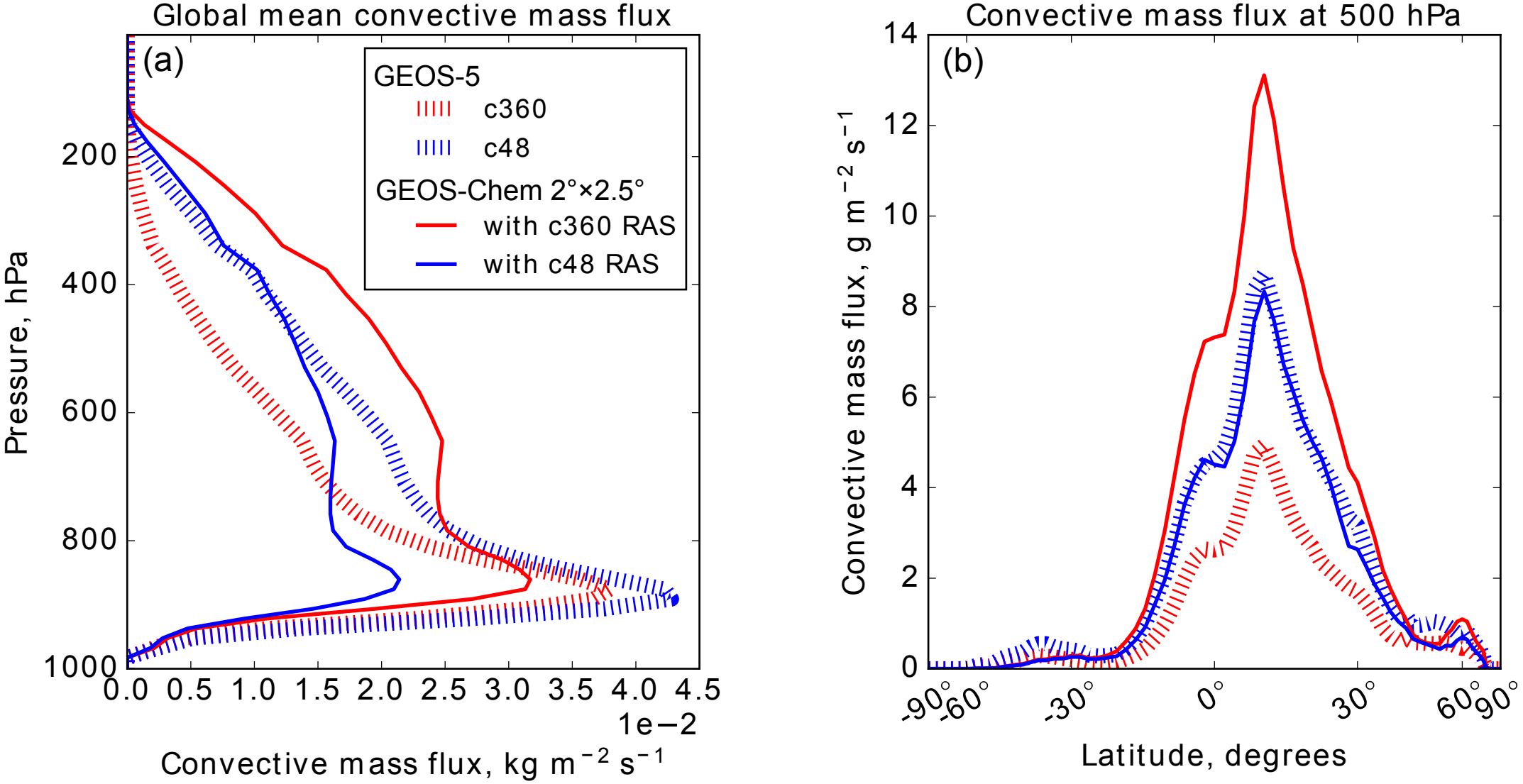
Global mean convective mass flux
(a)
GEOS-5
c360
c48
GEOS-Chem 2°×2.5°
with c360 RAS
with c48 RAS
Pressure, hPa
200
400
600
800
1000
0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
1e−2
Convective mass flux, kg m^{-2} s^{-1}
Convective mass flux at 500 hPa
(b)
Convective mass flux, g m^{-2} s^{-1}
0 2 4 6 8 10 12 14
-90° -60° -30° 0° 30° 60° 90°
Latitude, degrees