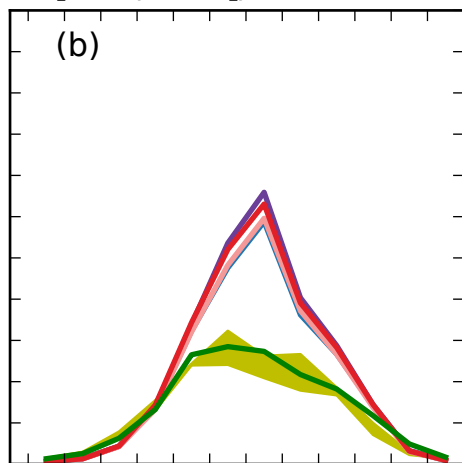
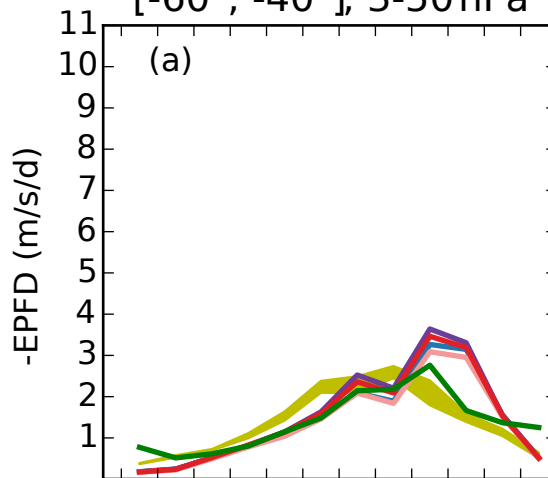


[-60°, -40°], 3-50 hPa

[40°, 60°], 3-50 hPa

(a)

(b)

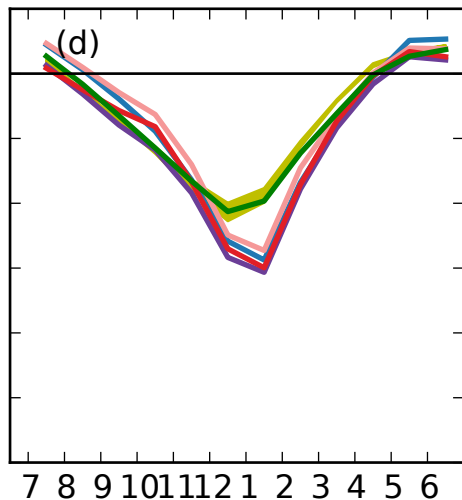
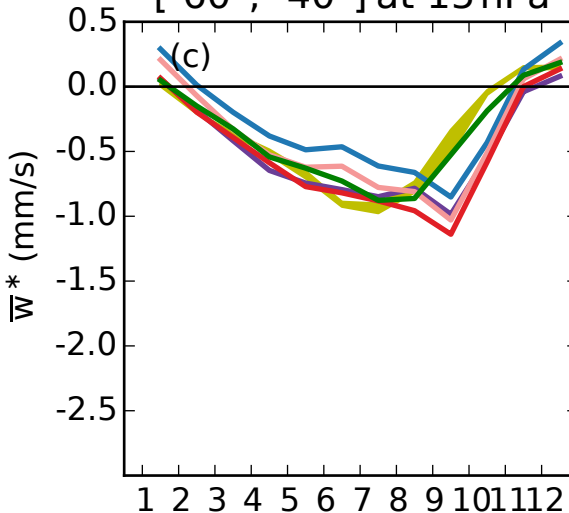


[-60°, -40°] at 15 hPa

[40°, 60°] at 15 hPa

(c)

(d)



WACCM-CCMI

JRA-55

MERRA-2



ERA1

MERRA

WACCM4