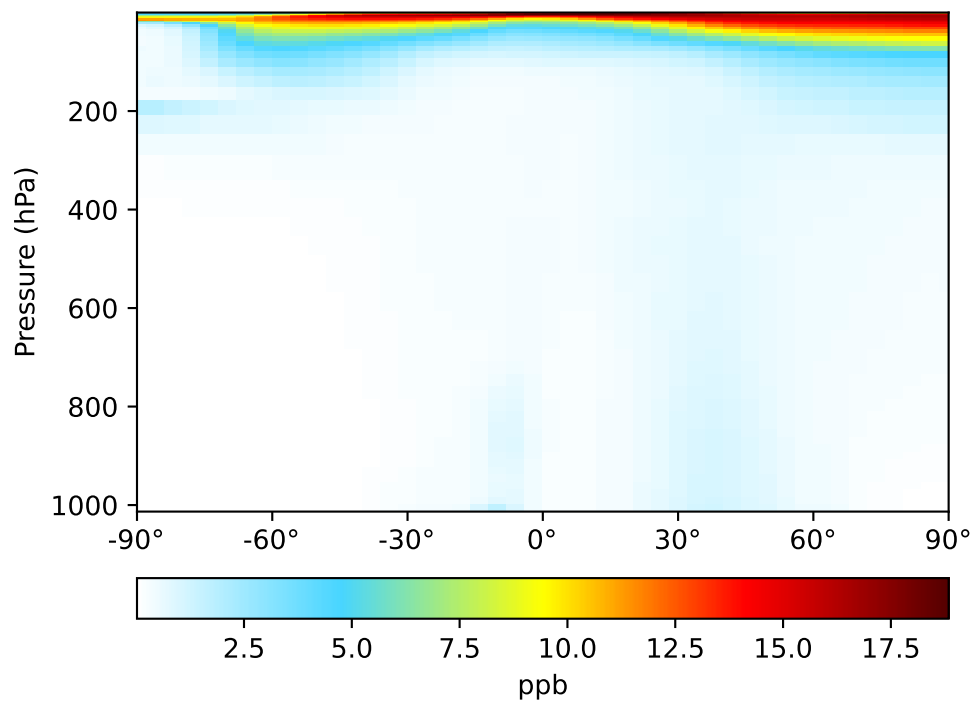
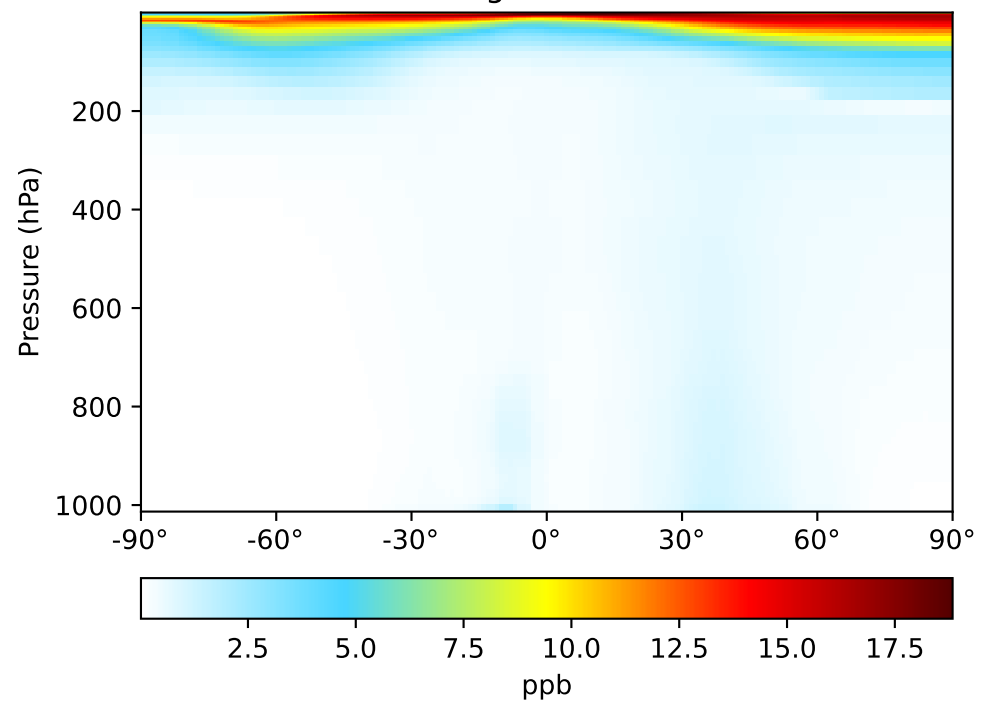


# SpeciesConcVW\_NOy, Zonal Mean

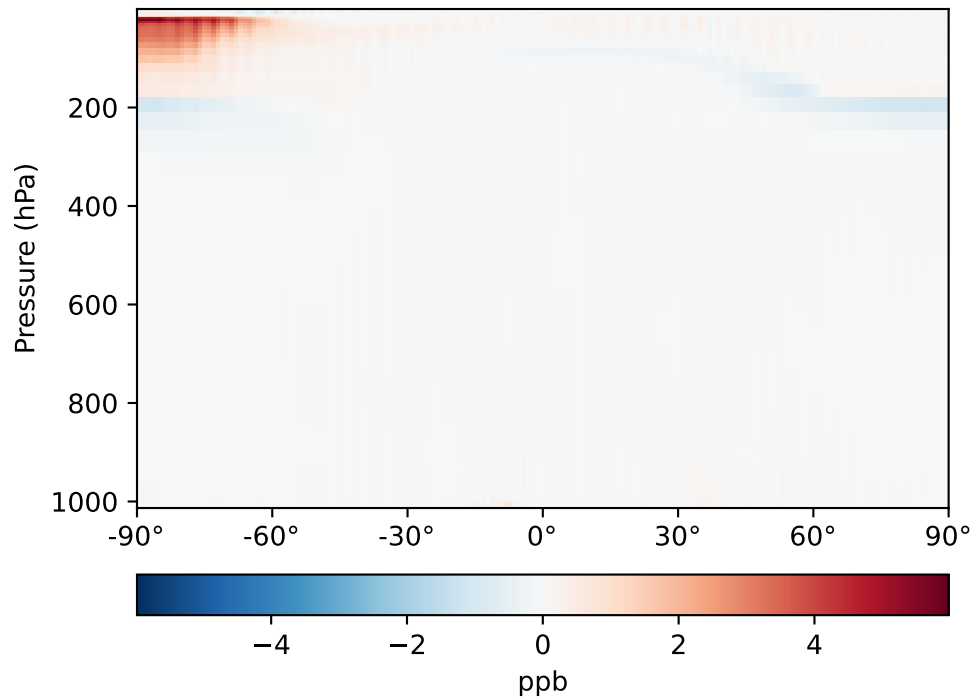
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



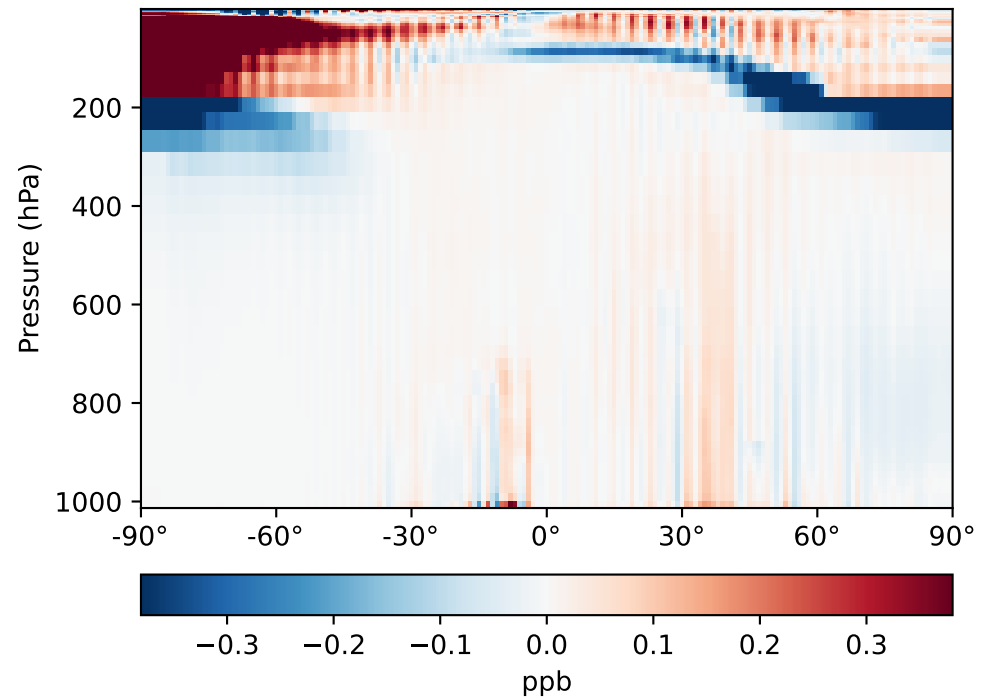
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



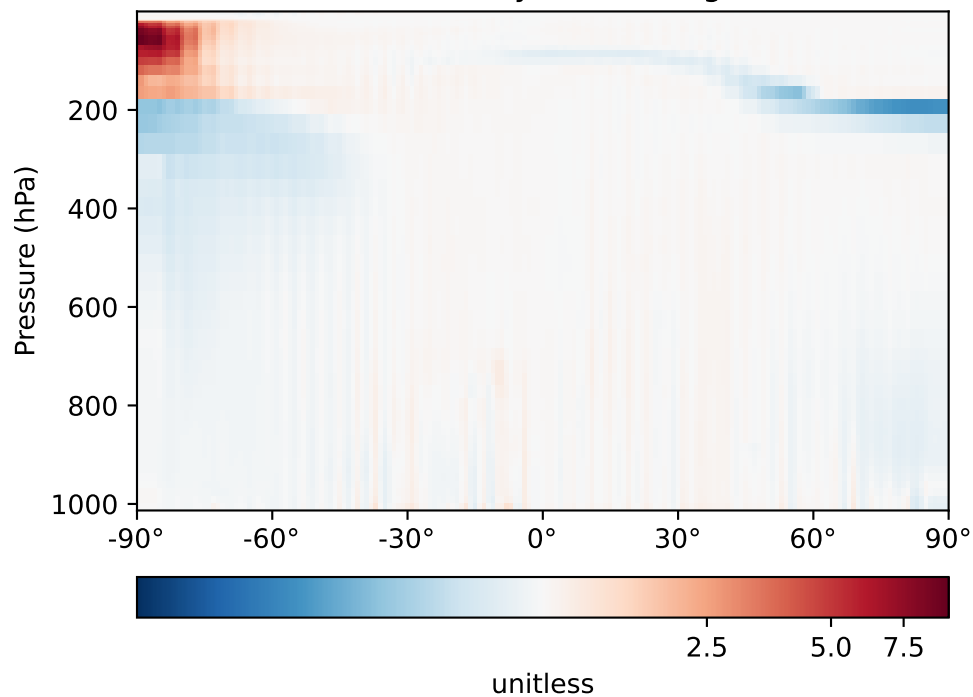
Difference (1x1.25)  
Dev - Ref, Dynamic Range



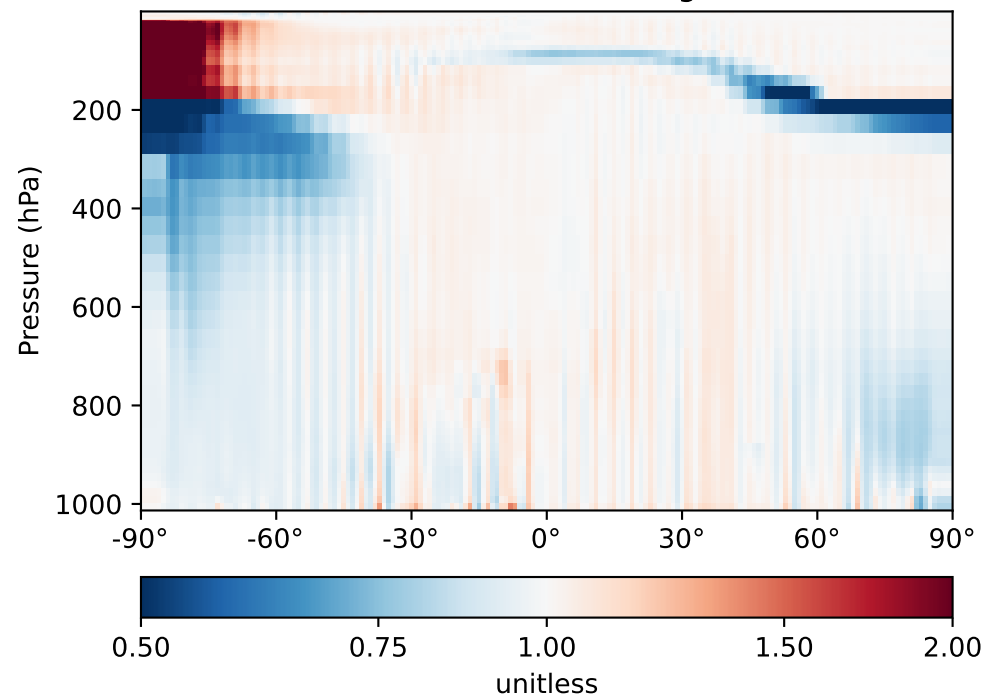
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

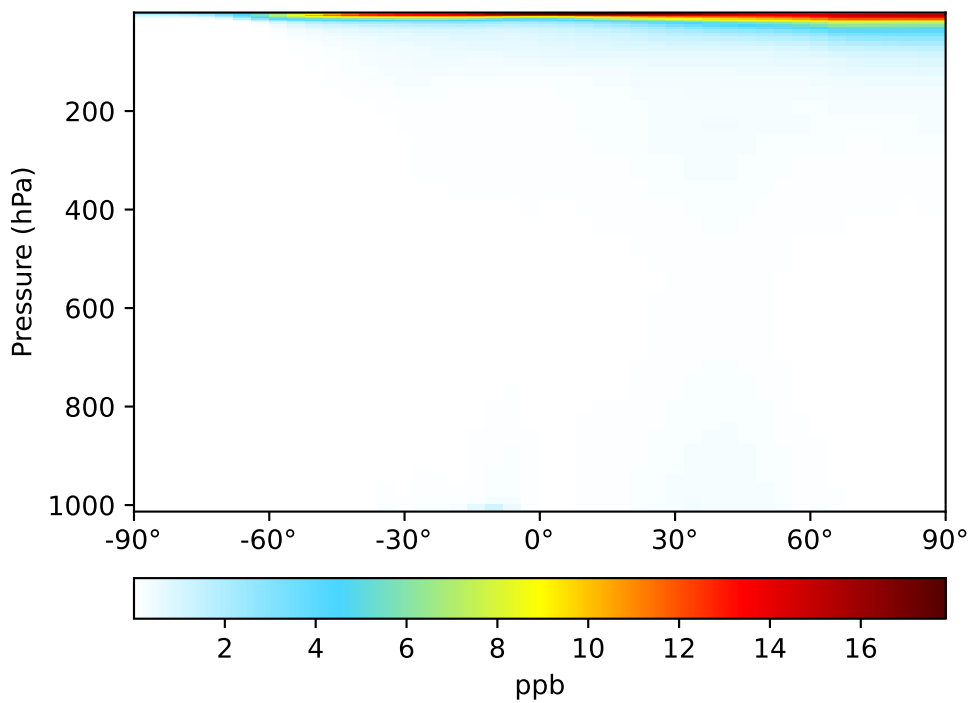


Ratio (1x1.25)  
Dev/Ref, Fixed Range

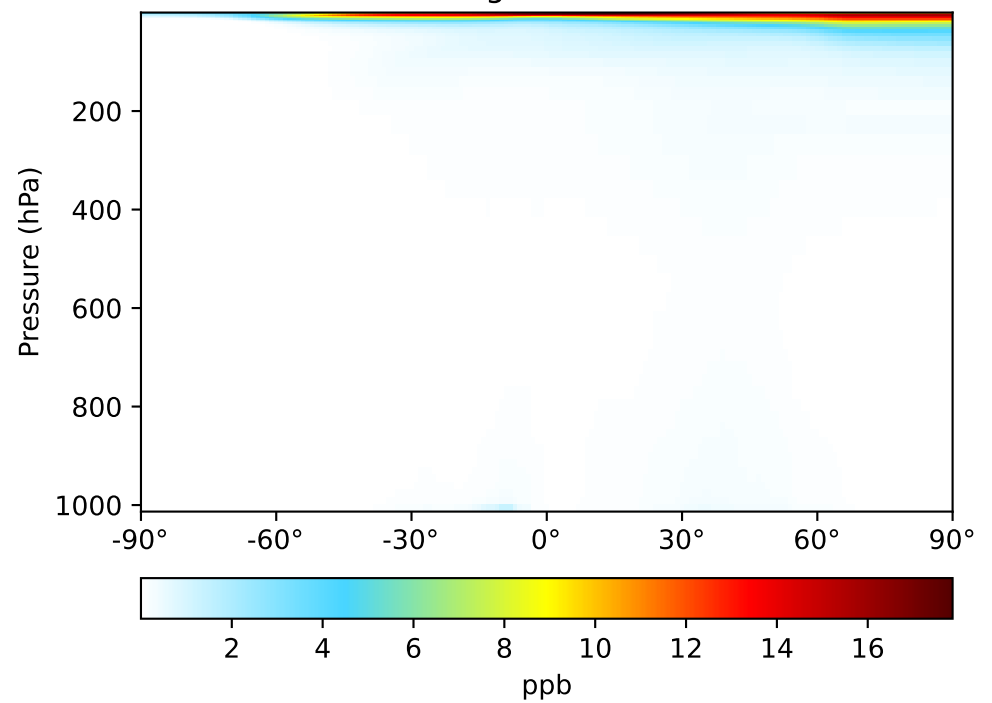


# SpeciesConcVW\_NOx, Zonal Mean

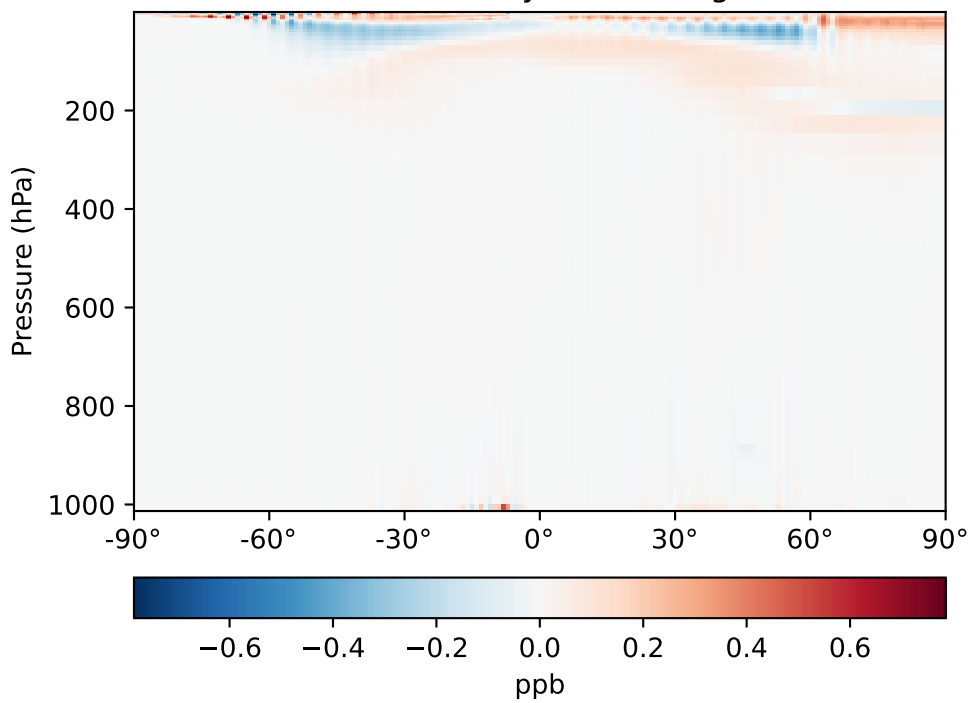
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



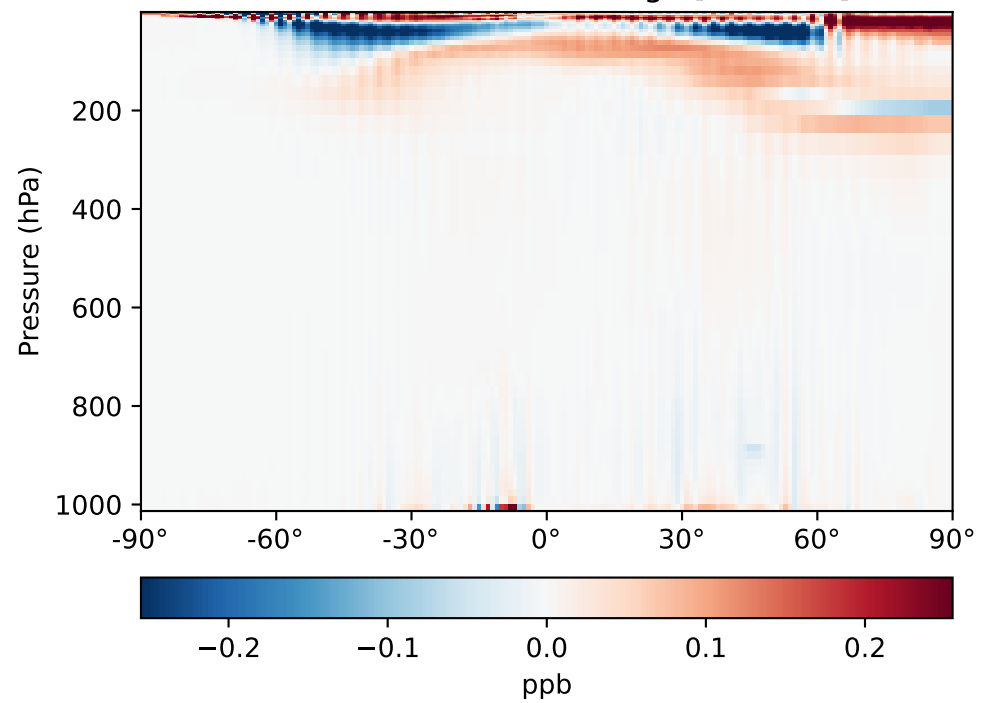
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regridged from c24



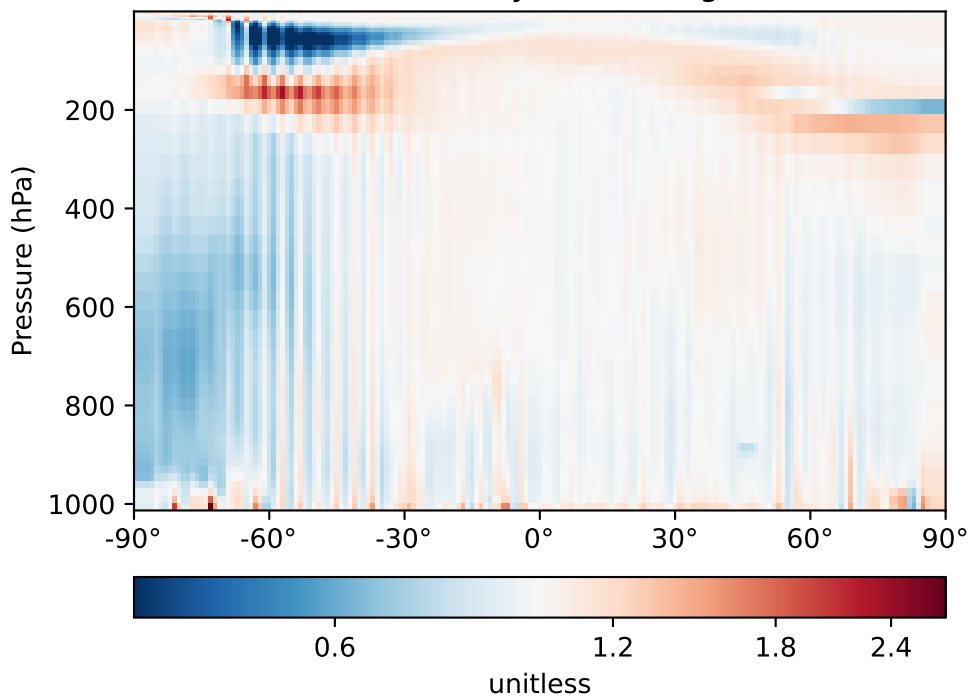
Difference (1x1.25)  
Dev - Ref, Dynamic Range



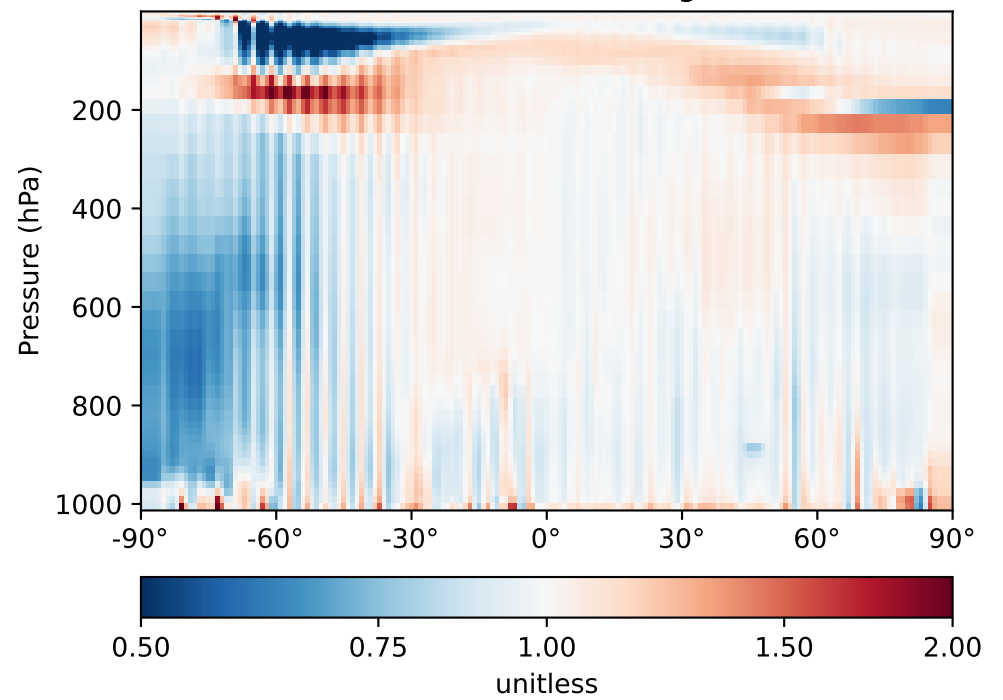
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

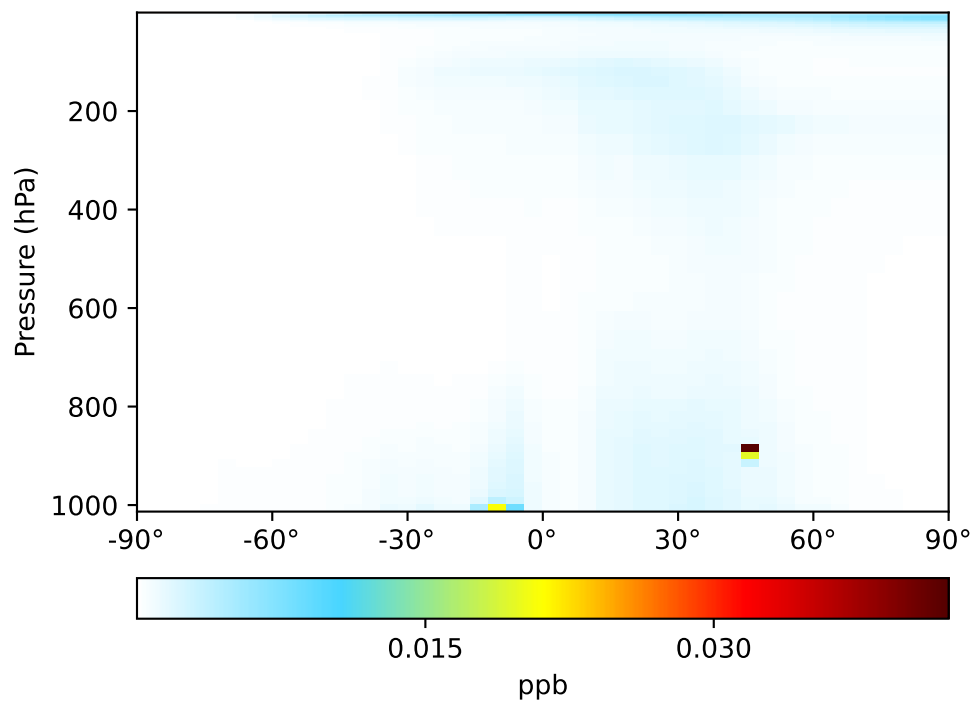


Ratio (1x1.25)  
Dev/Ref, Fixed Range

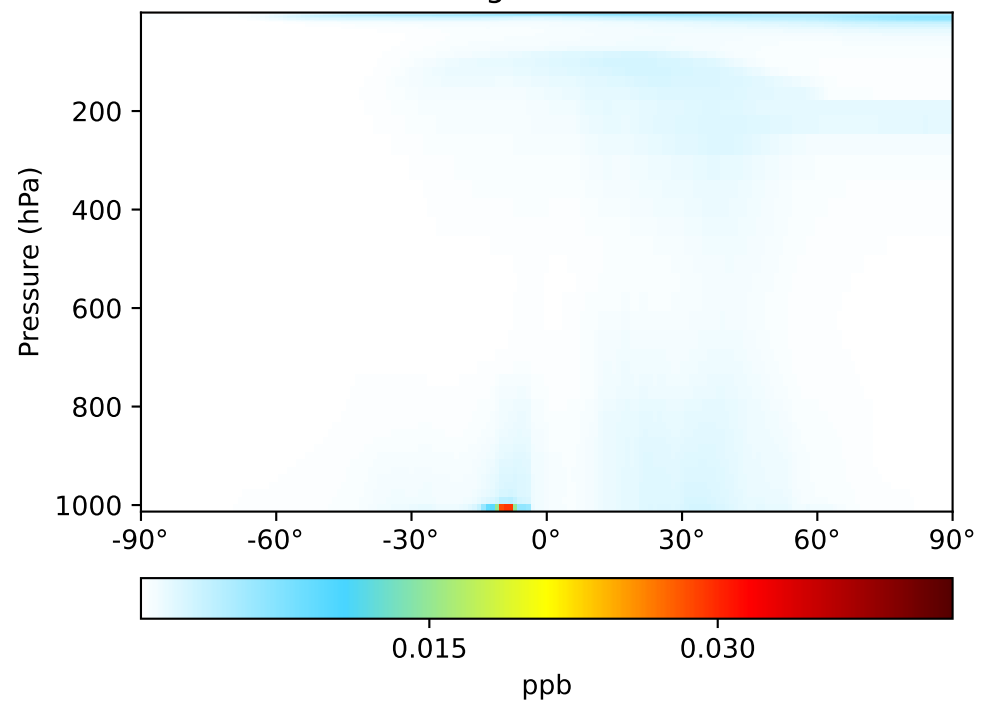


# SpeciesConcVV\_HNO2, Zonal Mean

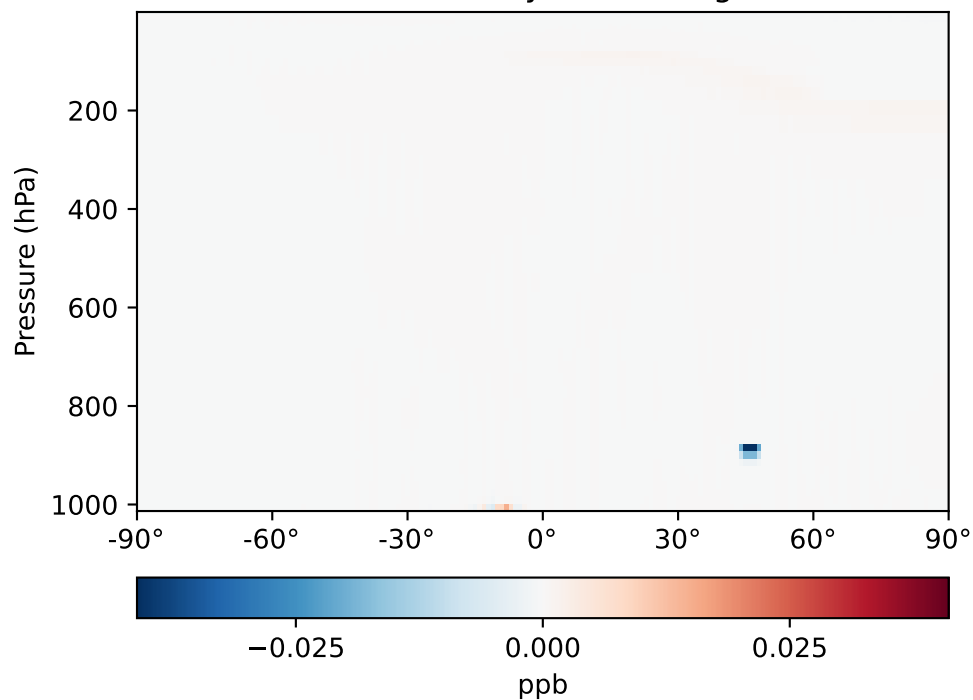
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



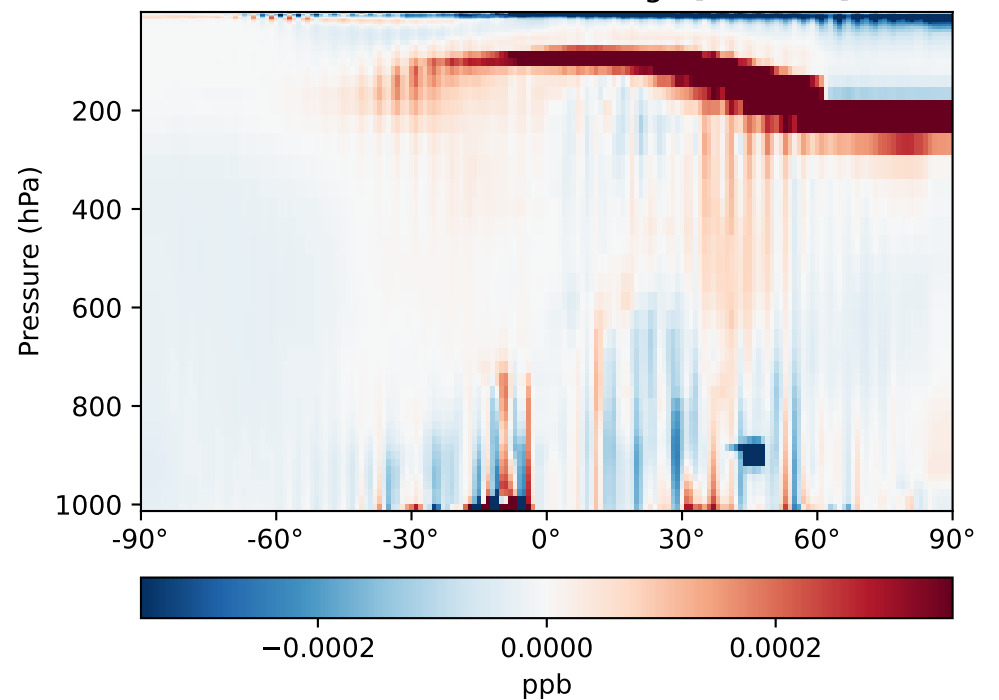
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



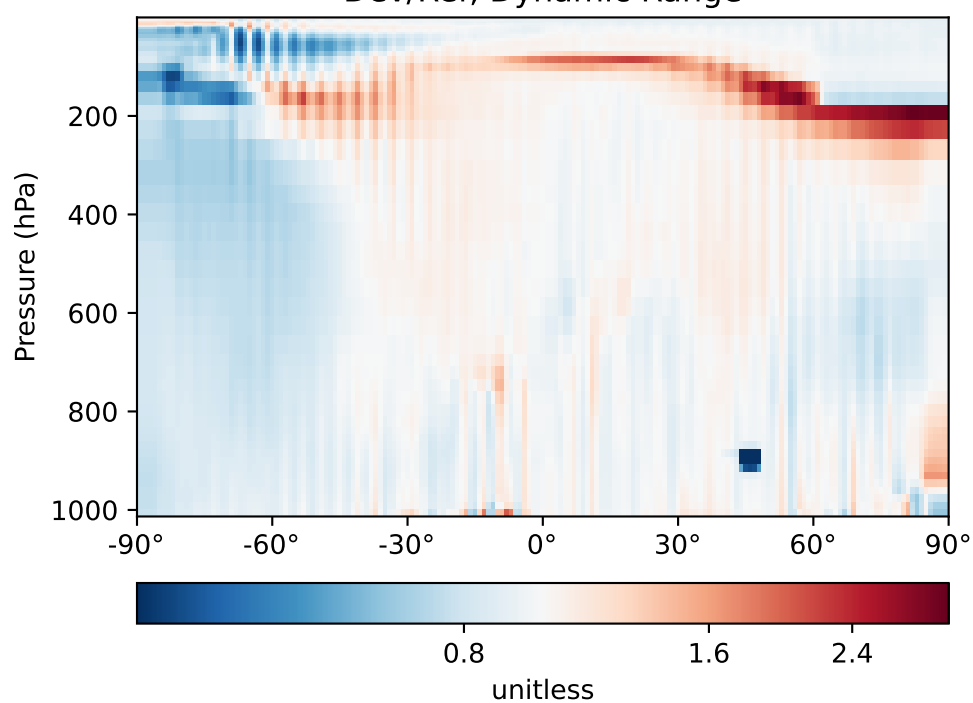
Difference (1x1.25)  
Dev - Ref, Dynamic Range



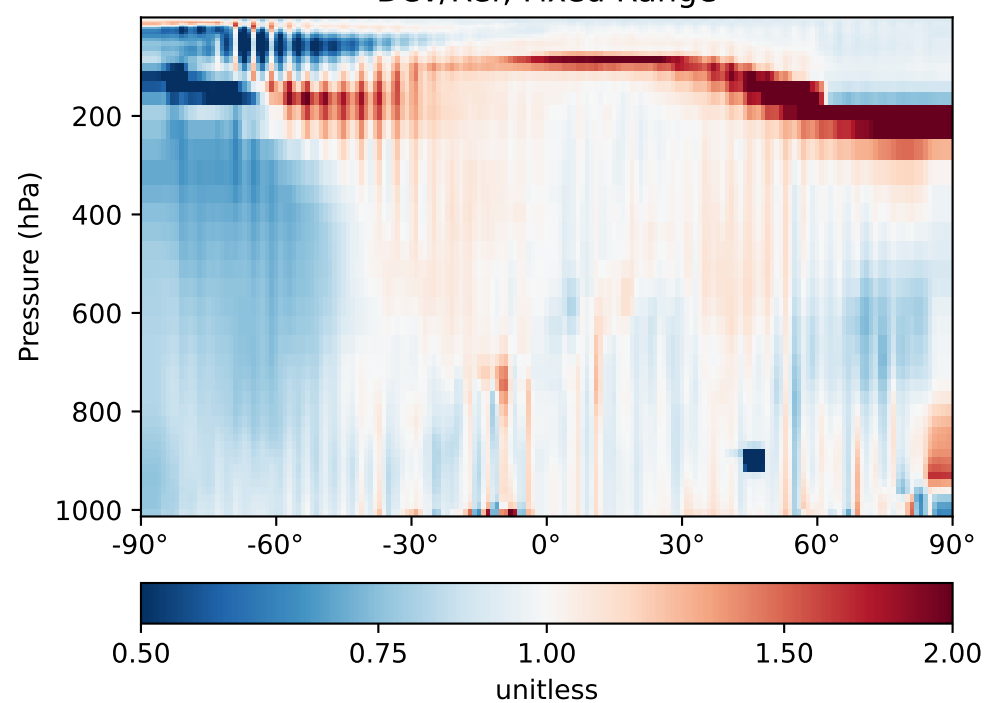
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

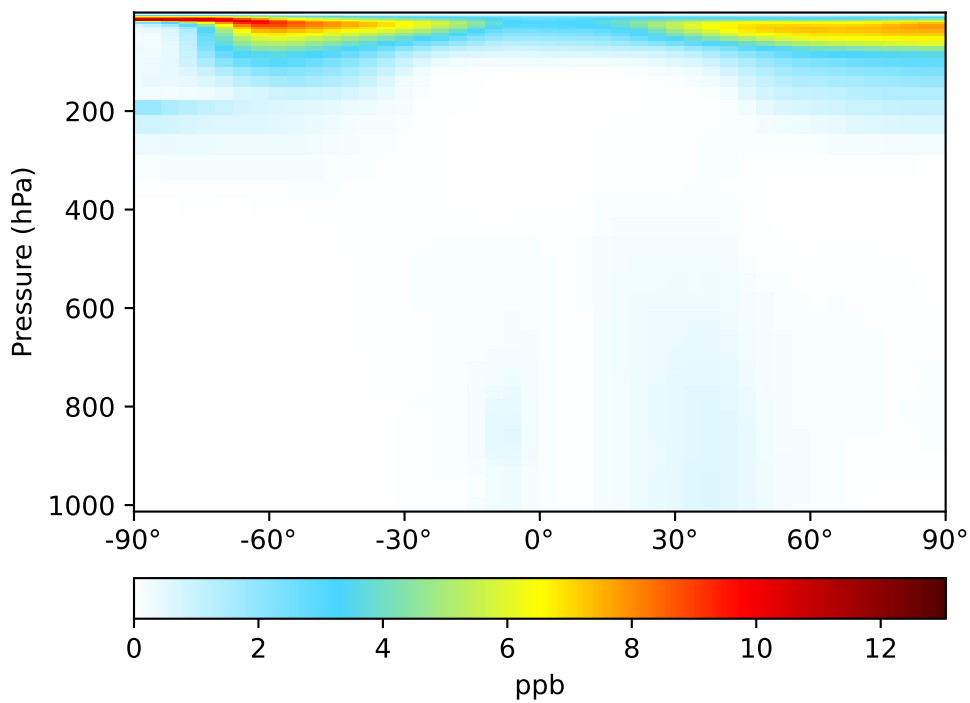


Ratio (1x1.25)  
Dev/Ref, Fixed Range

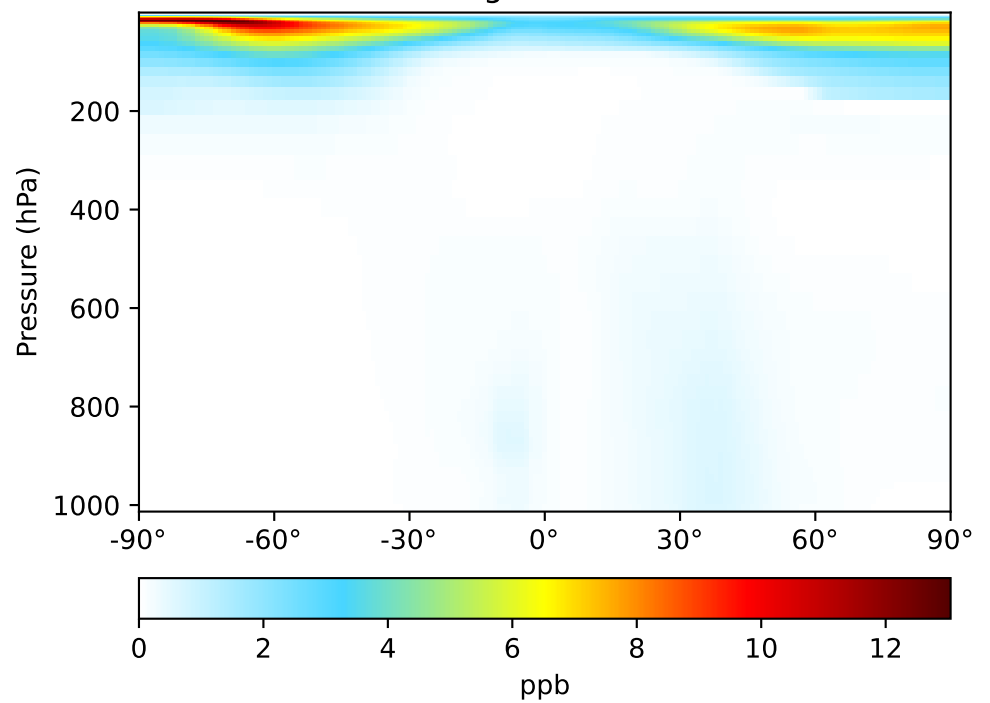


# SpeciesConcVV\_HNO3, Zonal Mean

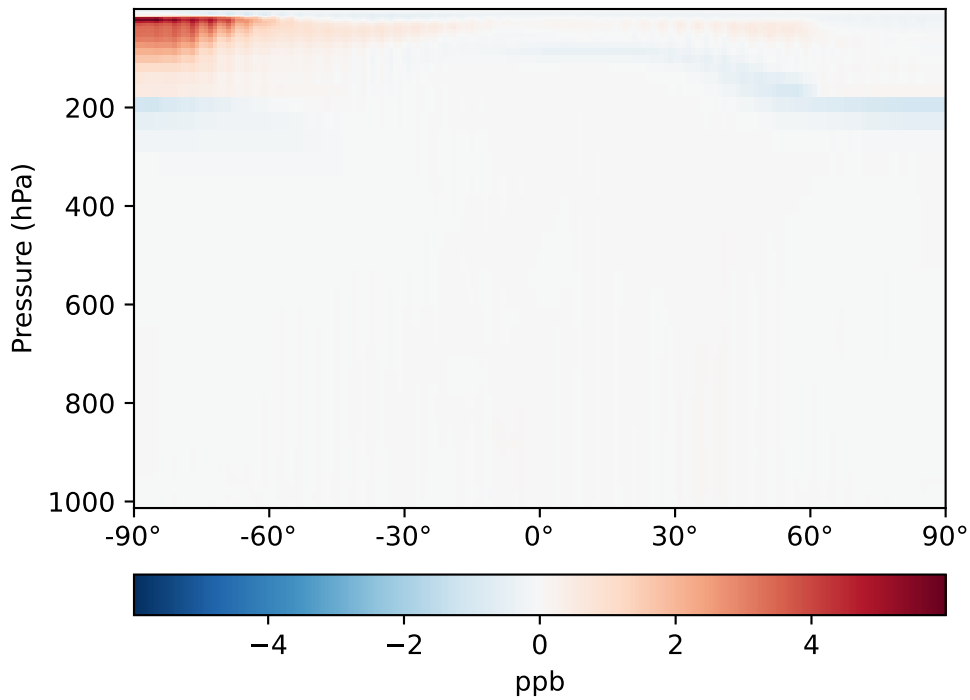
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



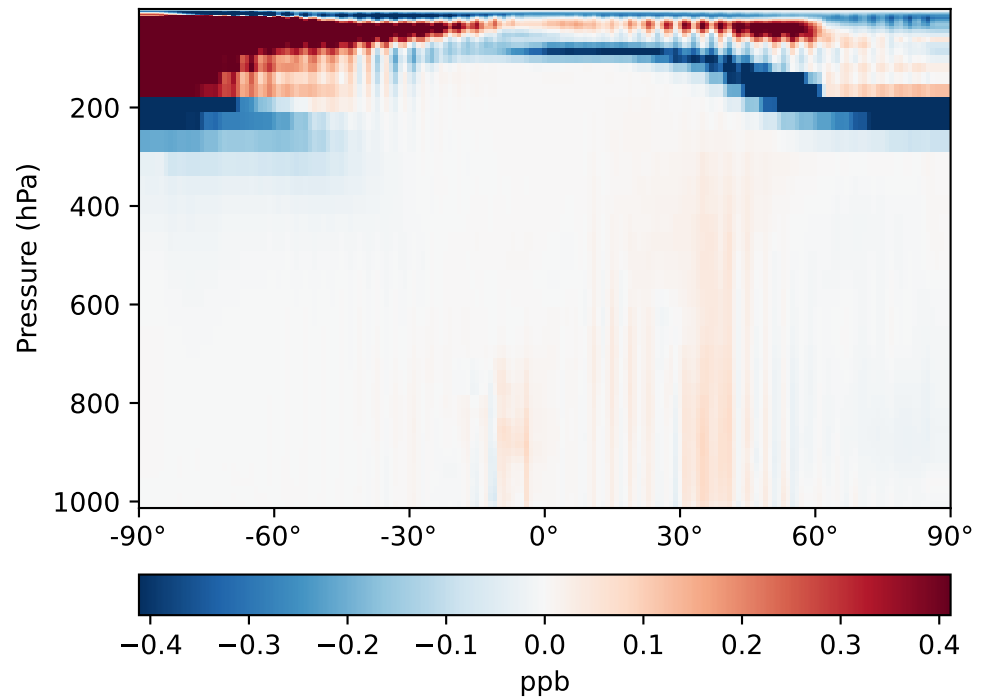
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regridded from c24



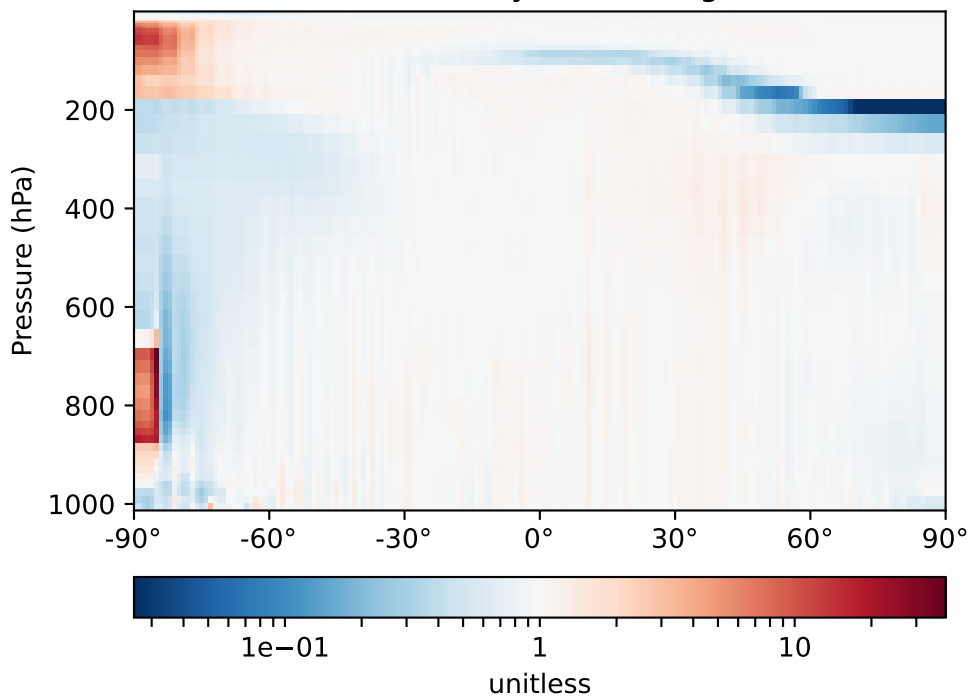
Difference (1x1.25)  
Dev - Ref, Dynamic Range



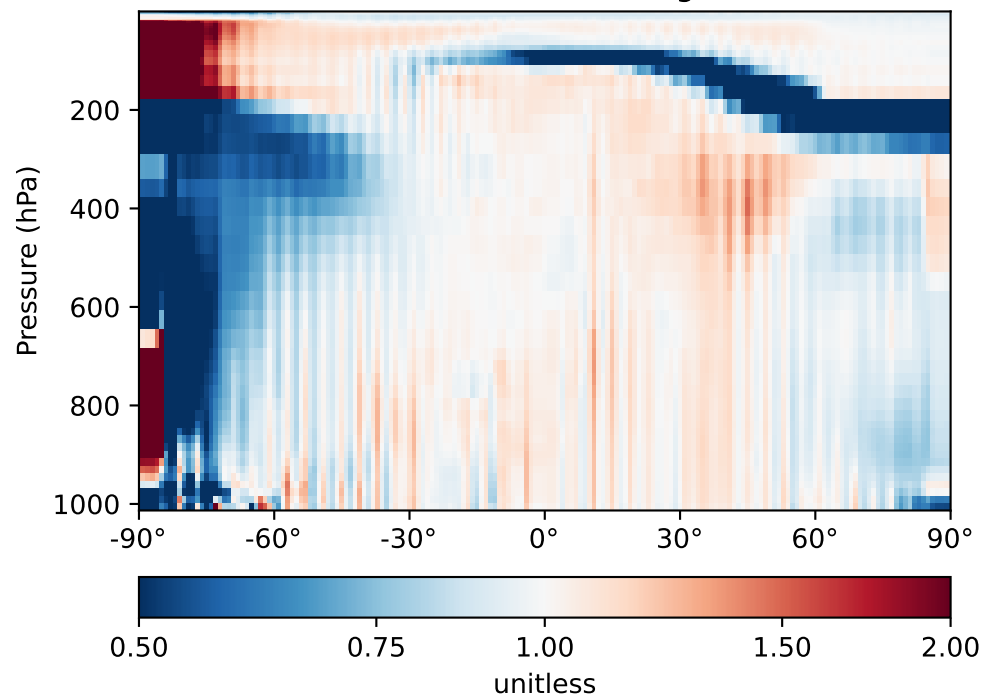
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

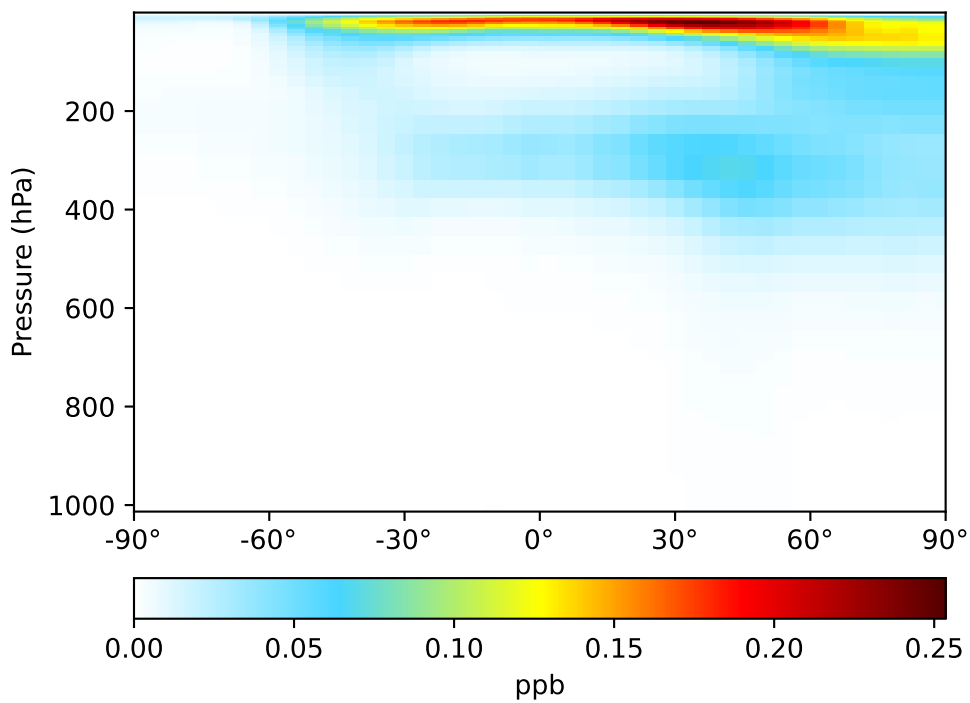


Ratio (1x1.25)  
Dev/Ref, Fixed Range

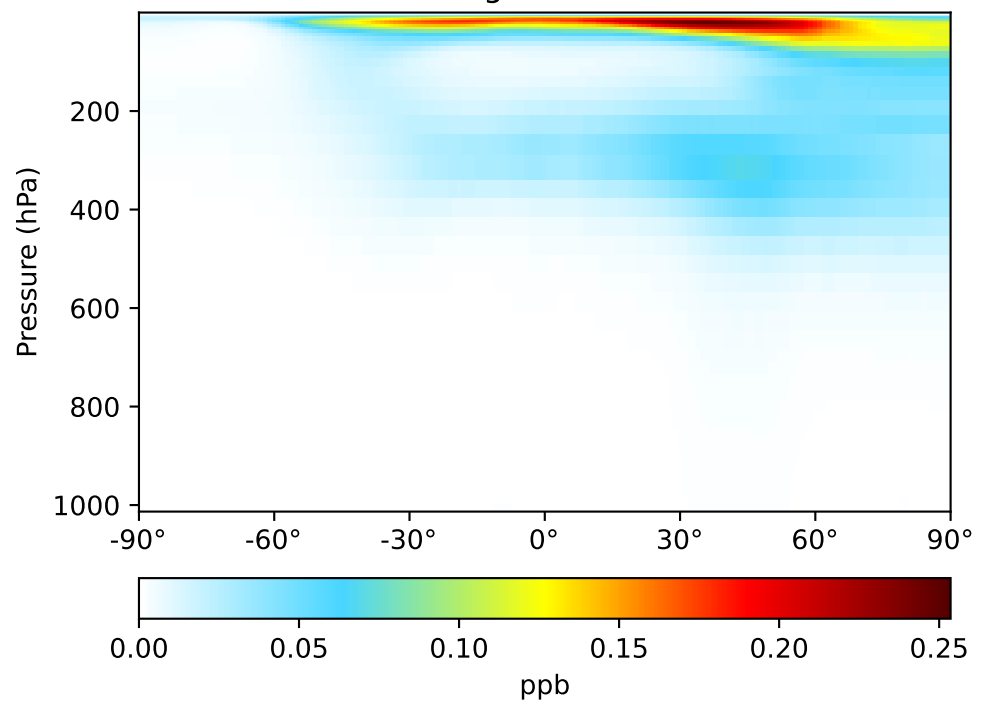


# SpeciesConcVV\_HNO4, Zonal Mean

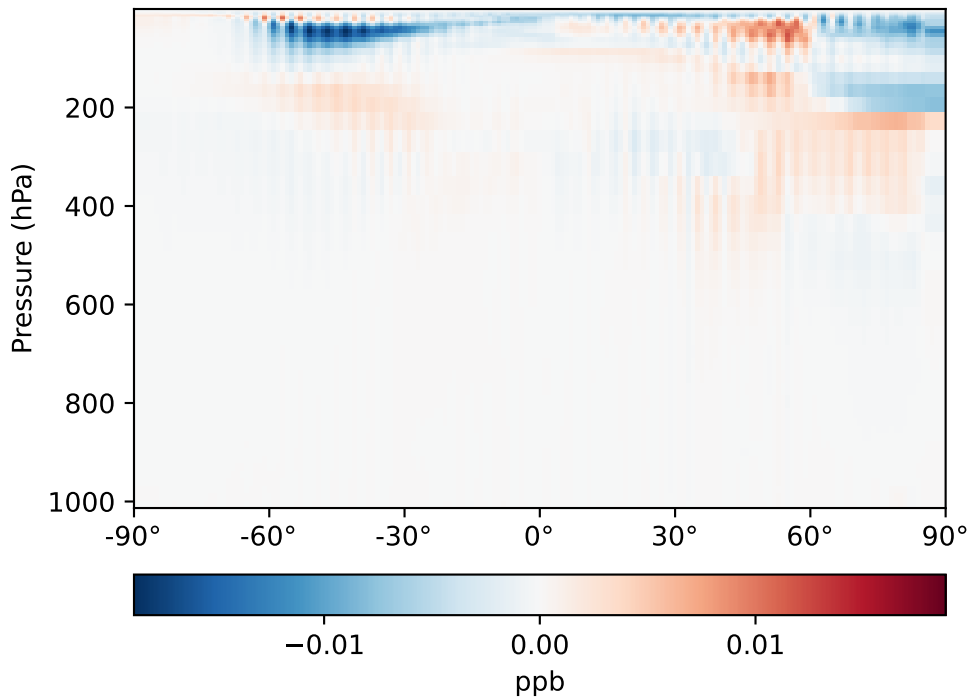
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



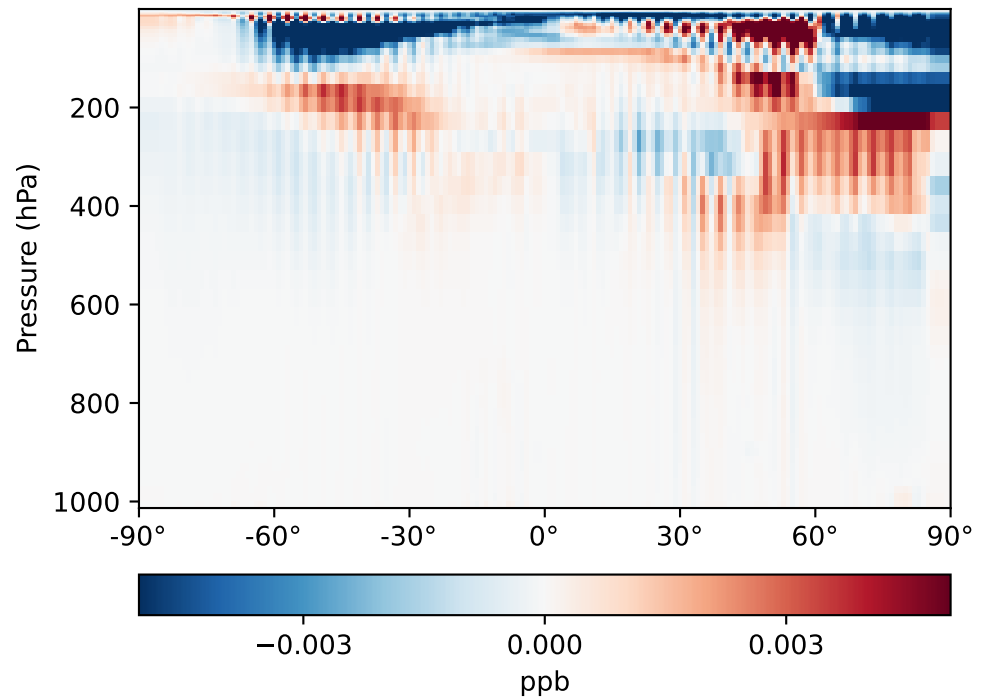
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



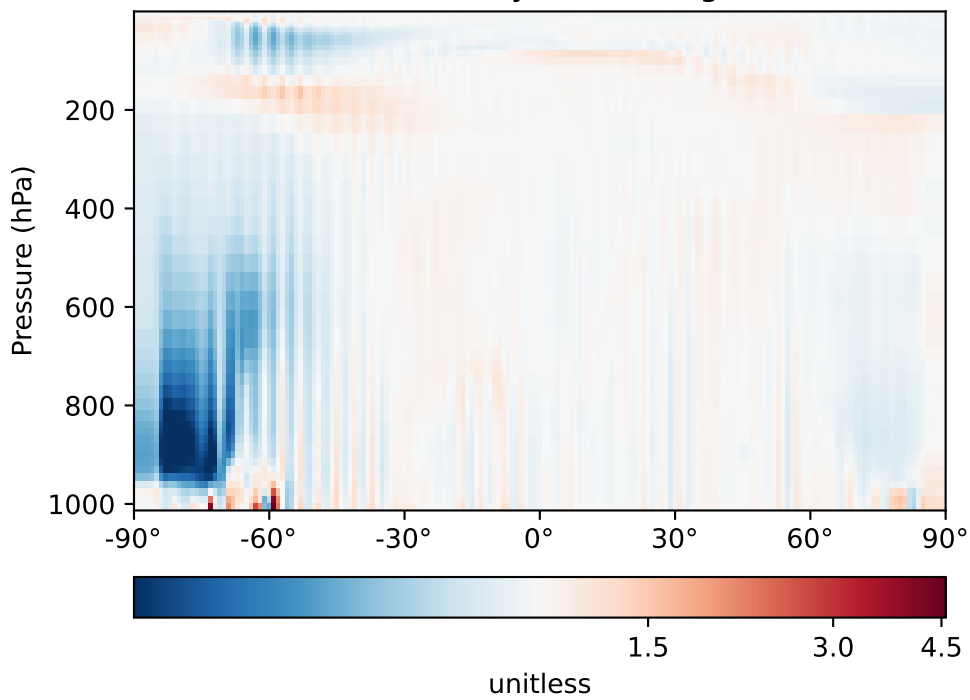
Difference (1x1.25)  
Dev - Ref, Dynamic Range



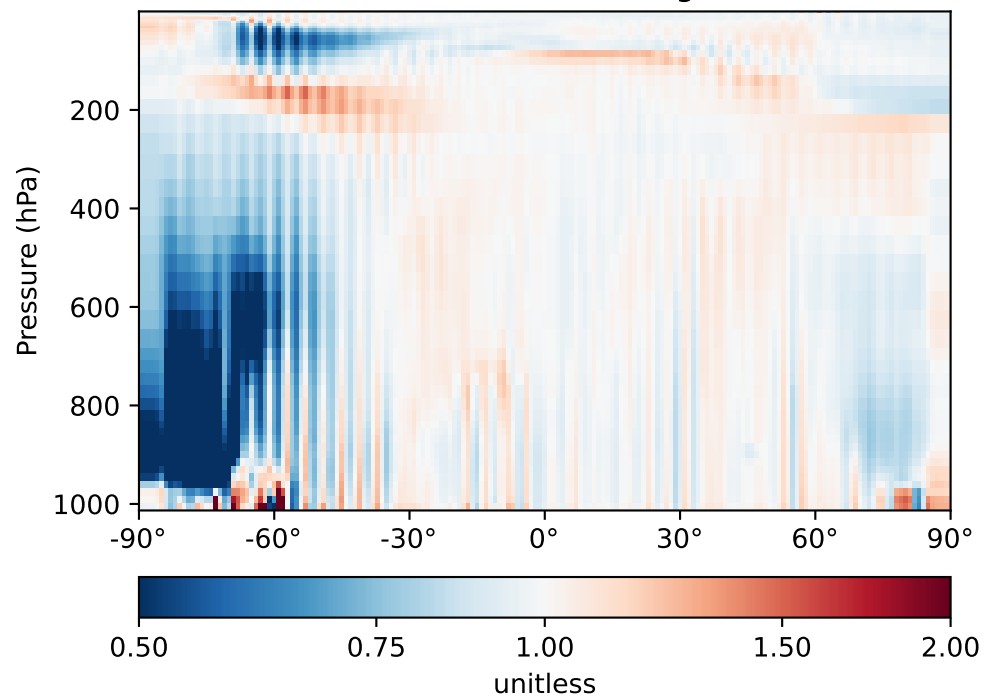
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

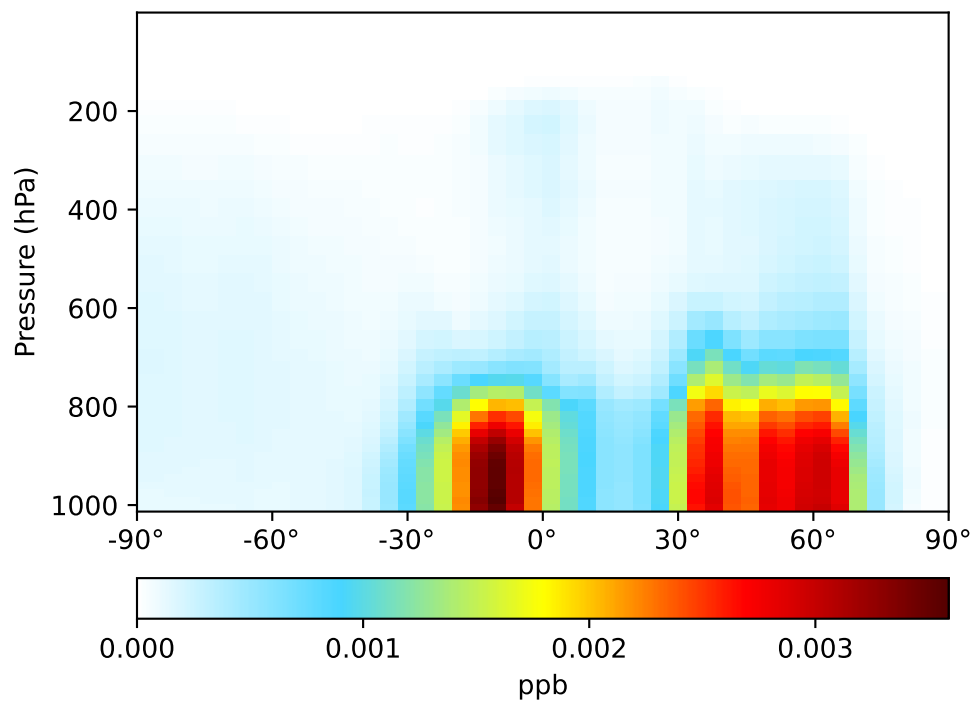


Ratio (1x1.25)  
Dev/Ref, Fixed Range

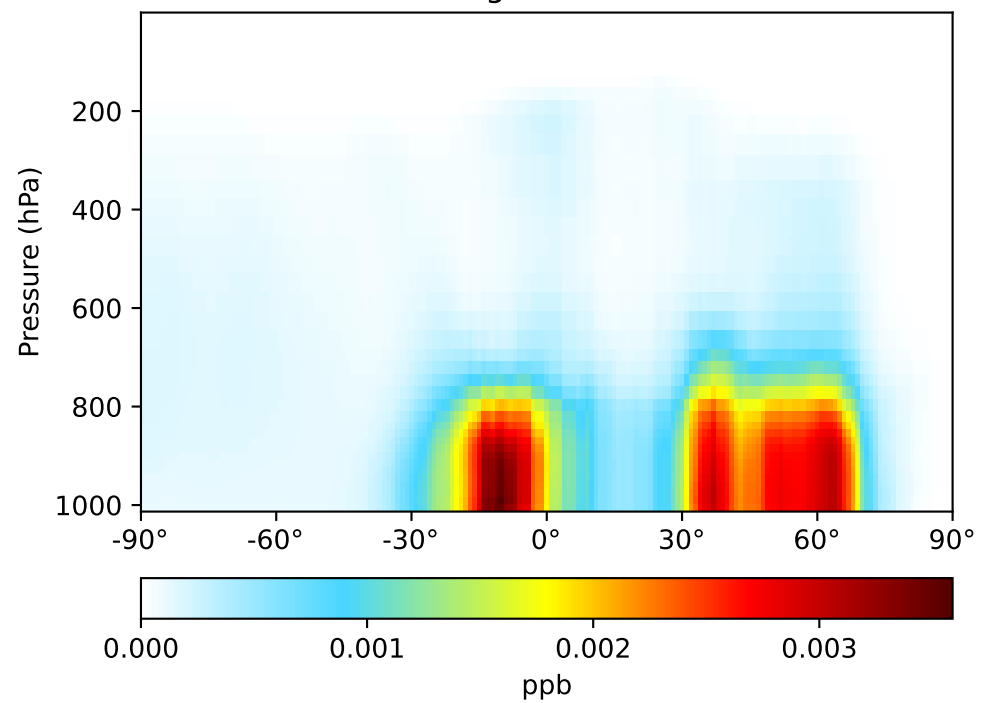


# SpeciesConcVV\_MPAN, Zonal Mean

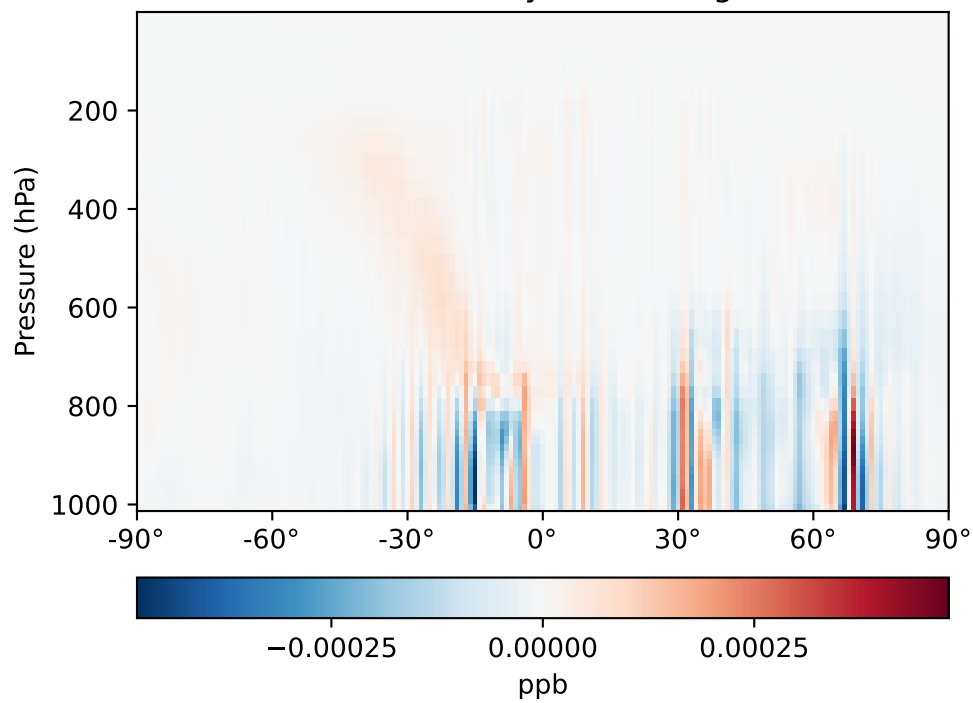
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



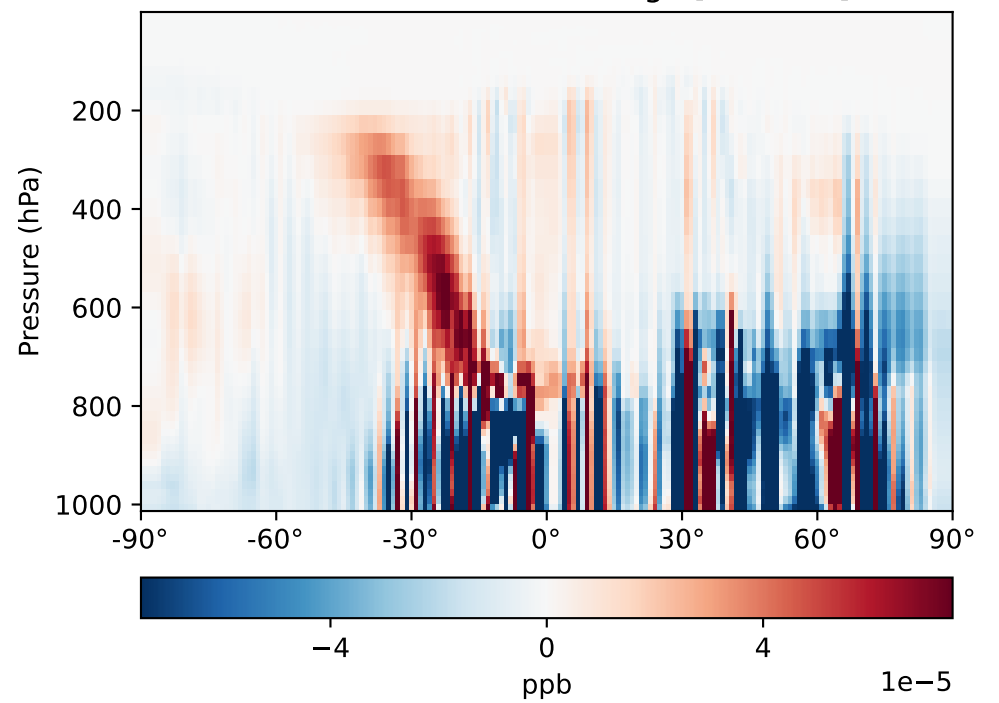
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



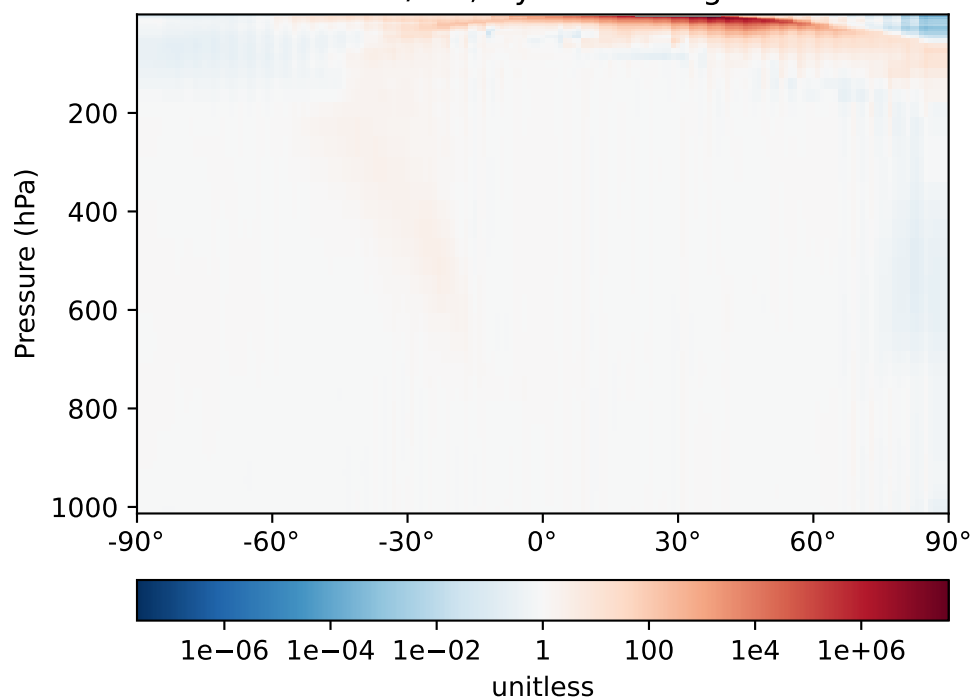
Difference (1x1.25)  
Dev - Ref, Dynamic Range



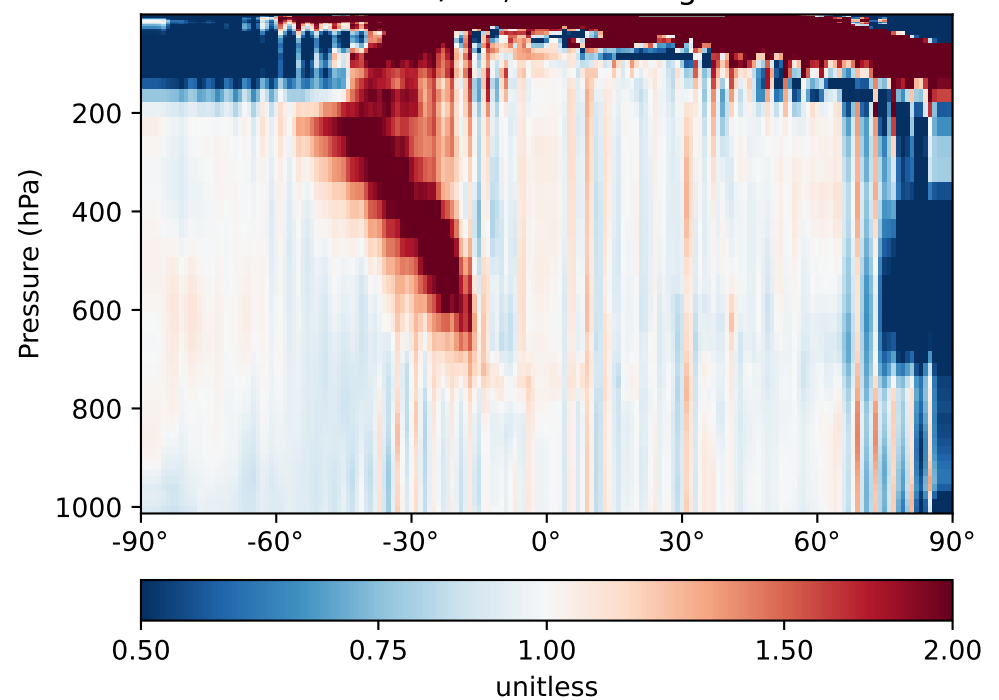
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

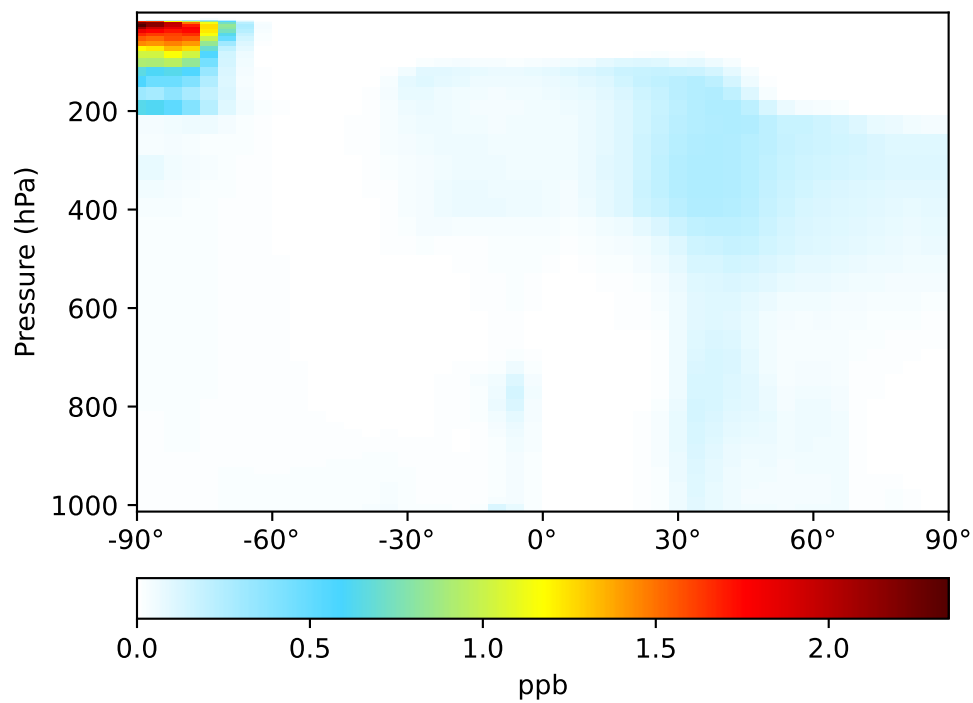


Ratio (1x1.25)  
Dev/Ref, Fixed Range

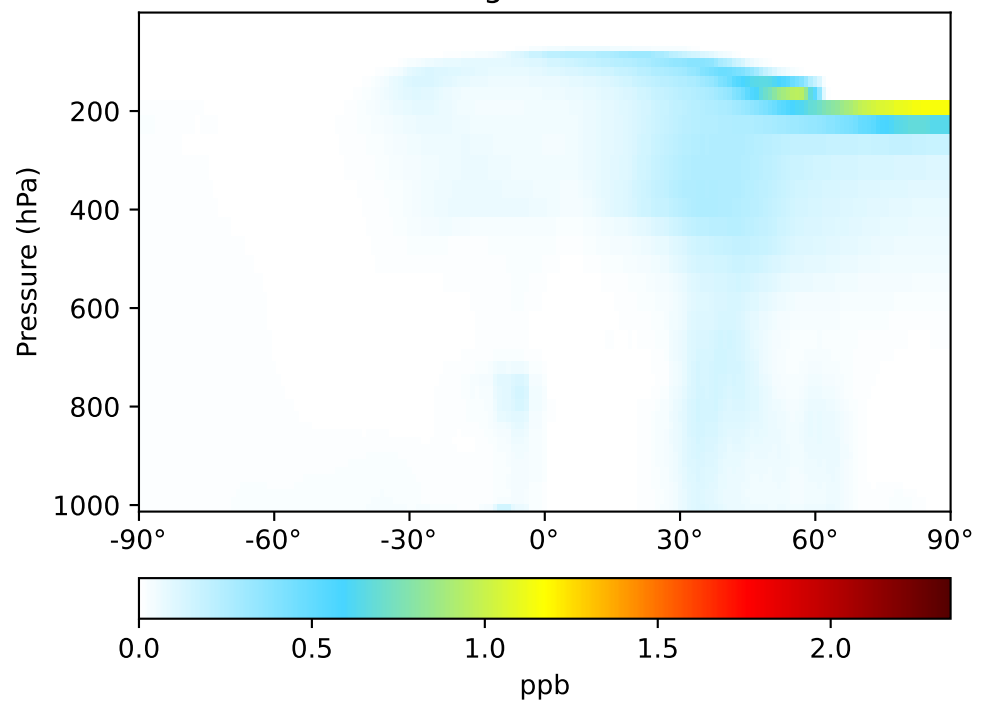


# SpeciesConcVV\_NIT, Zonal Mean

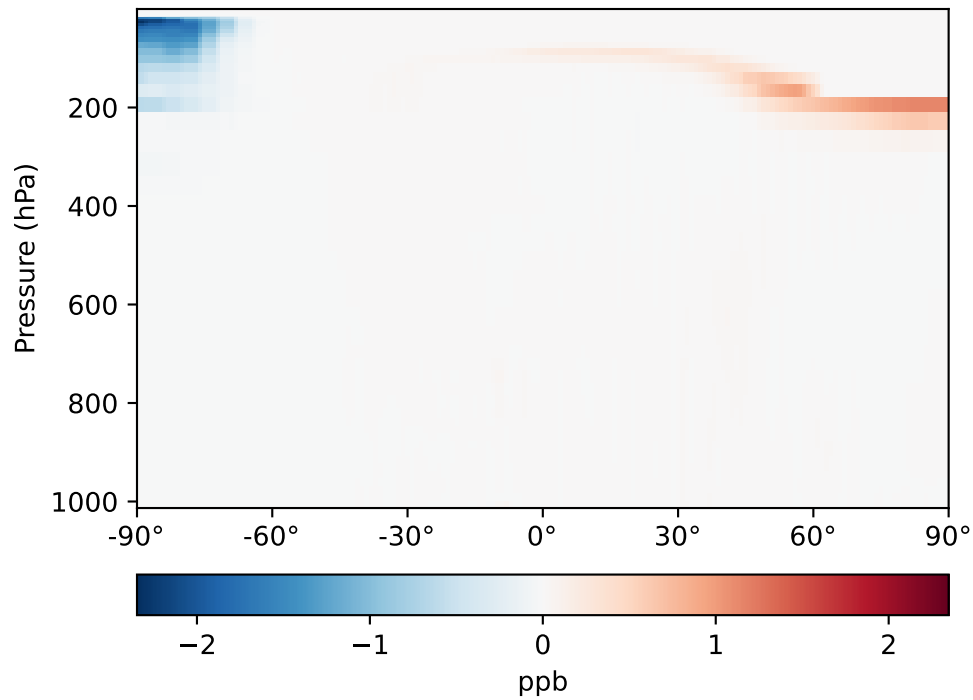
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



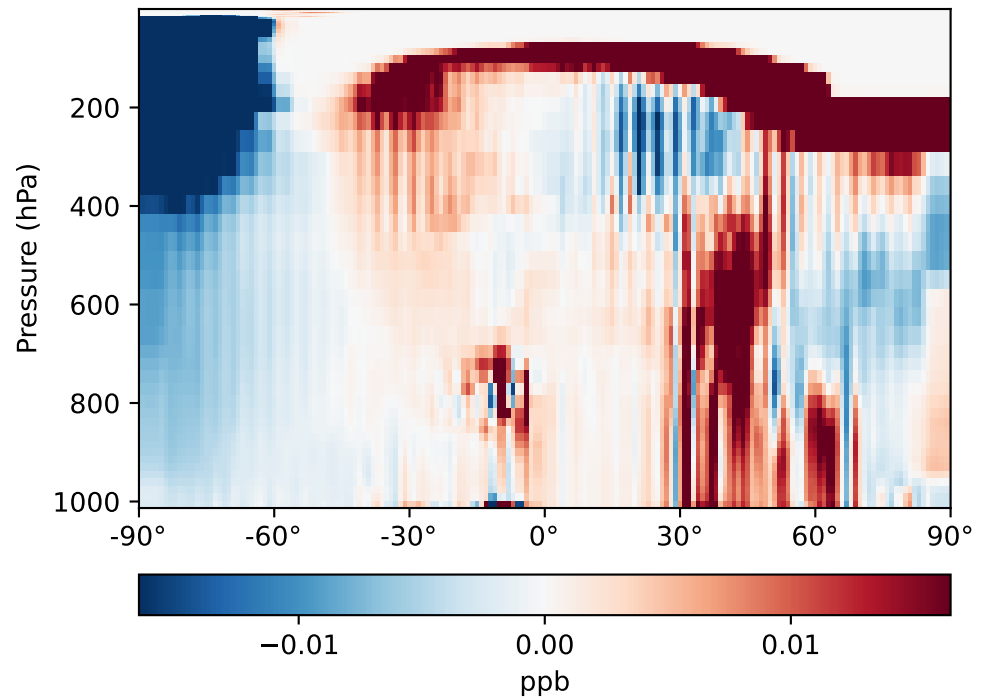
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



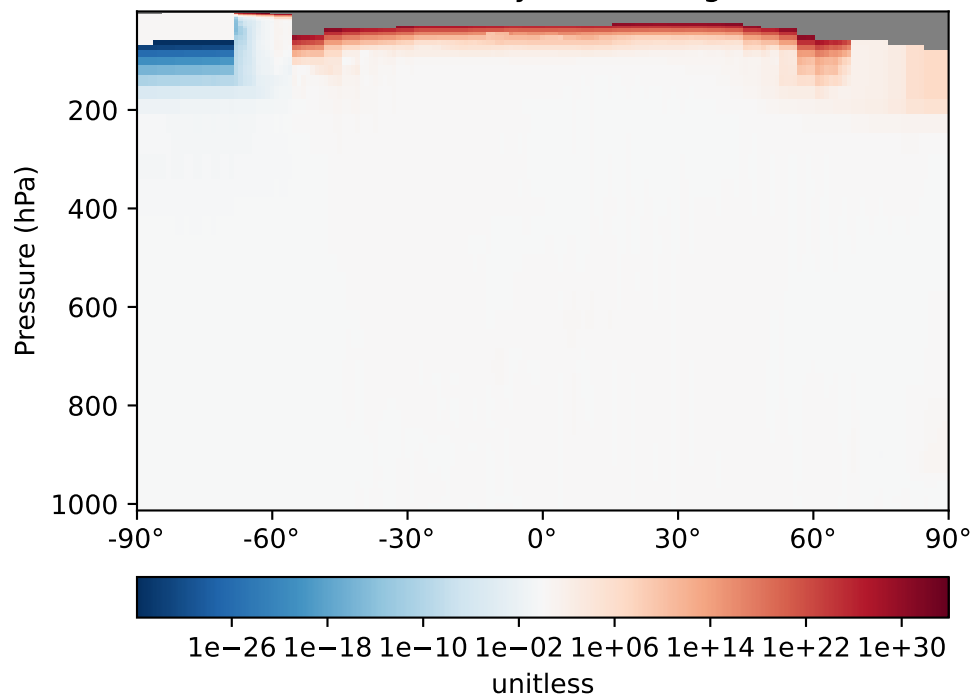
Difference (1x1.25)  
Dev - Ref, Dynamic Range



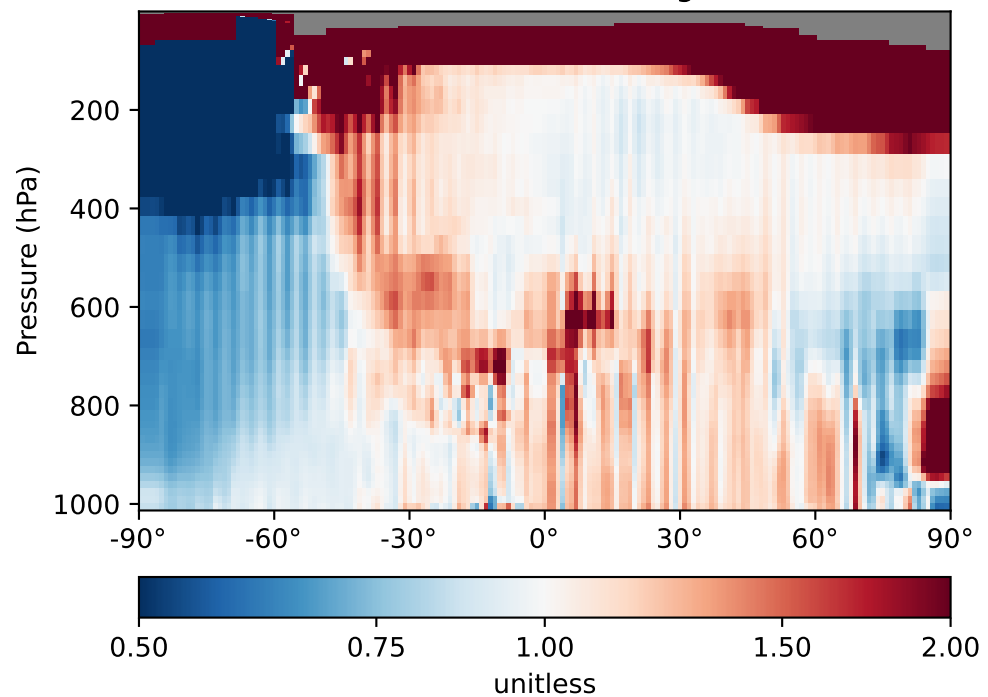
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

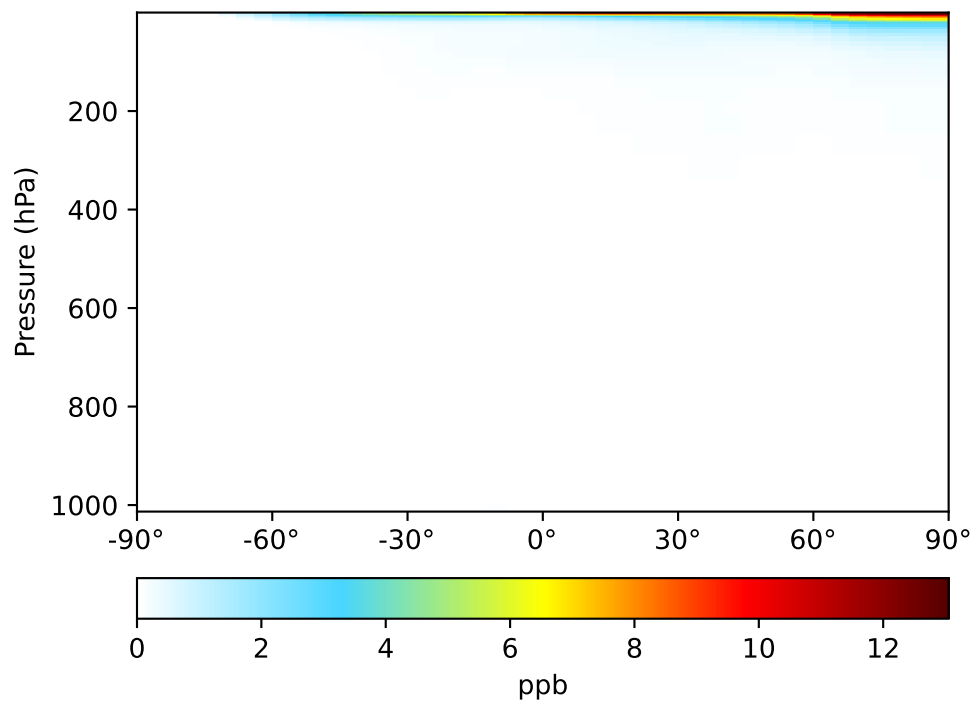


Ratio (1x1.25)  
Dev/Ref, Fixed Range

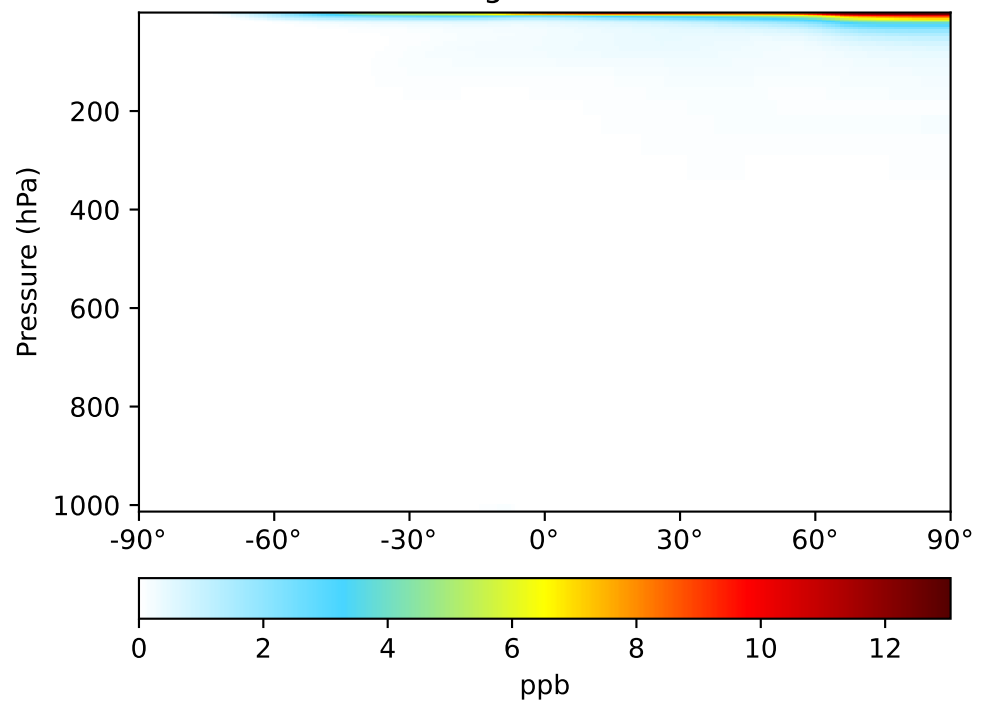


# SpeciesConcVV\_NO, Zonal Mean

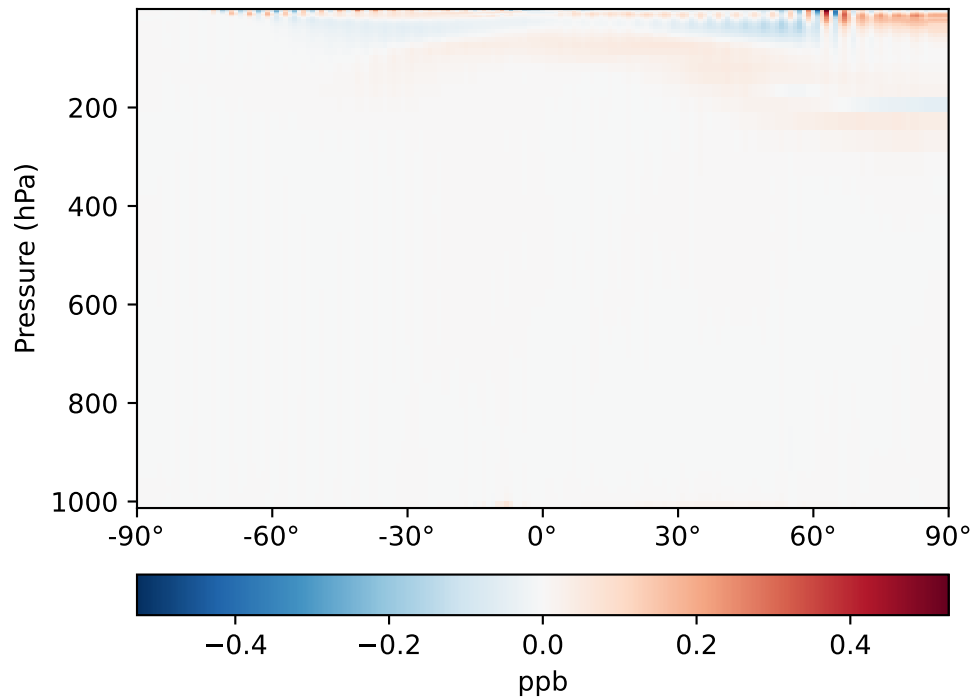
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



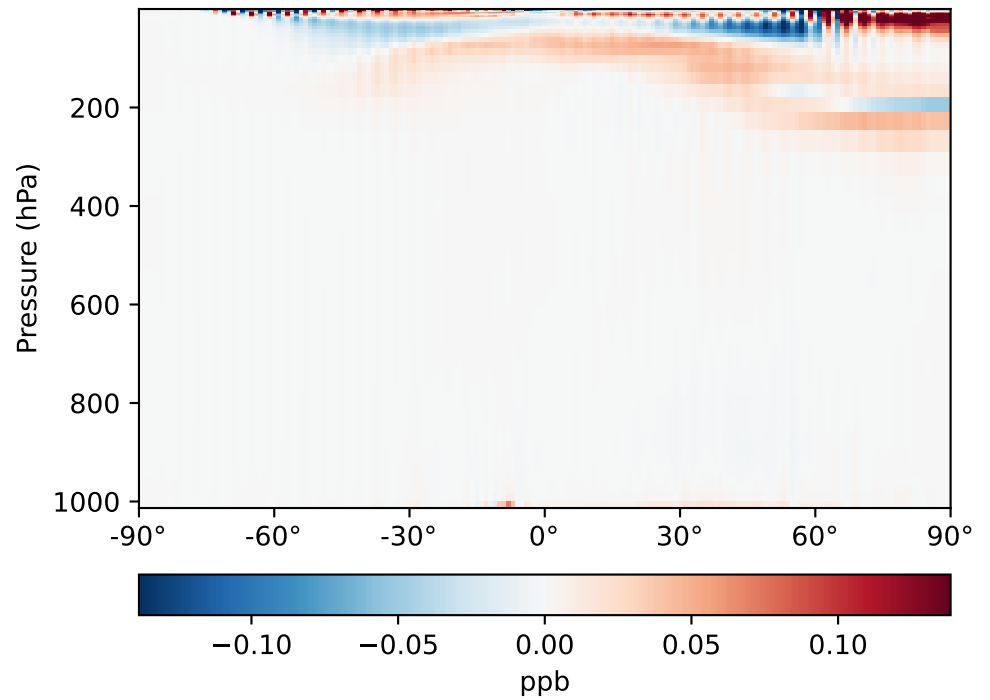
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



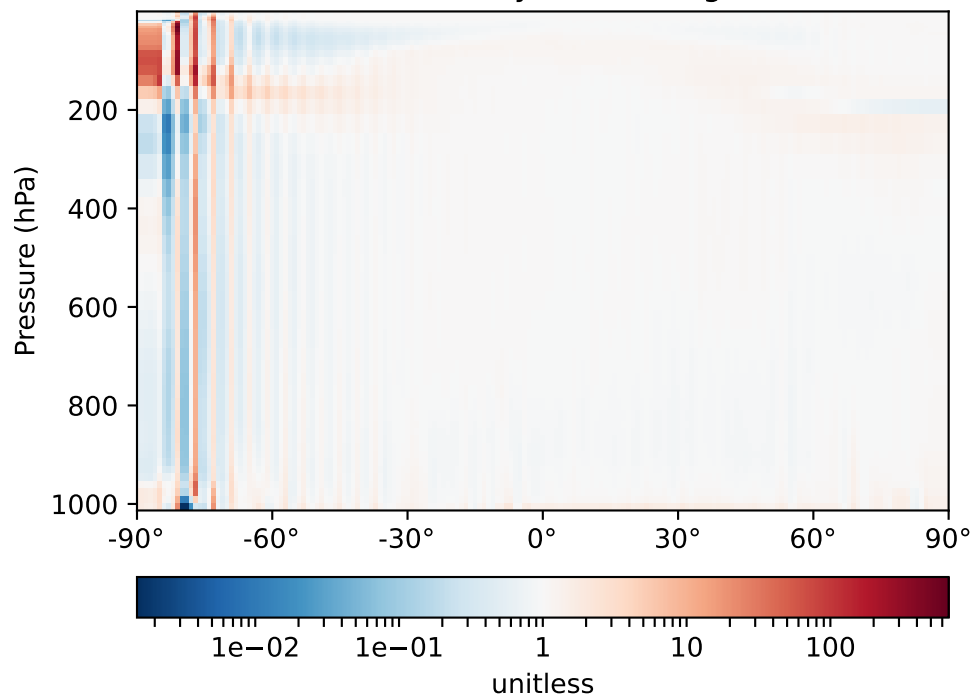
Difference (1x1.25)  
Dev - Ref, Dynamic Range



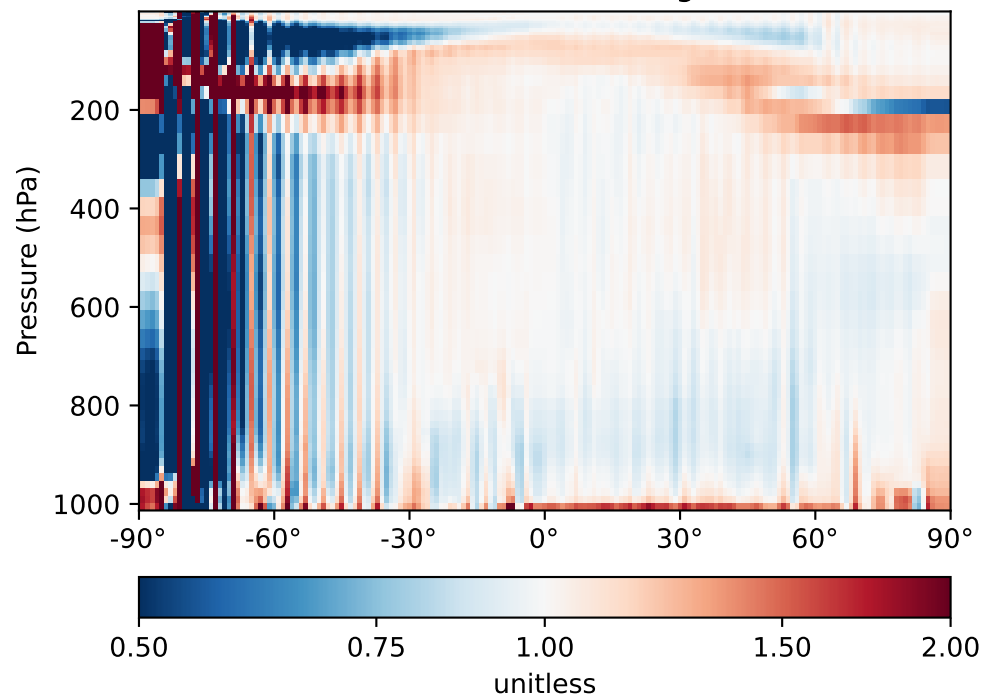
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



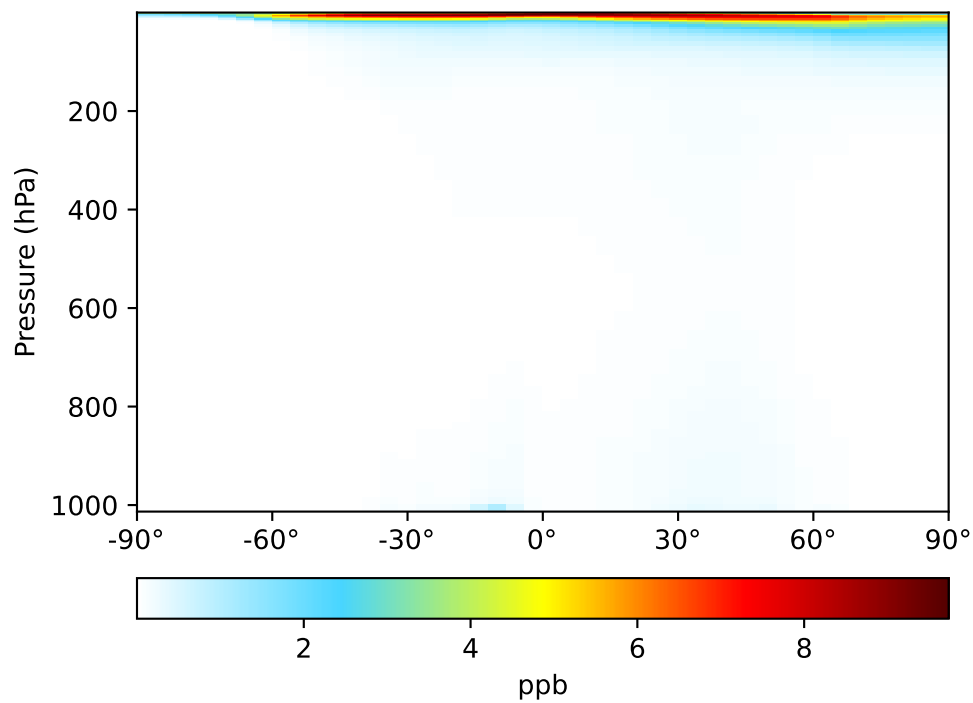
Ratio (1x1.25)  
Dev/Ref, Fixed Range



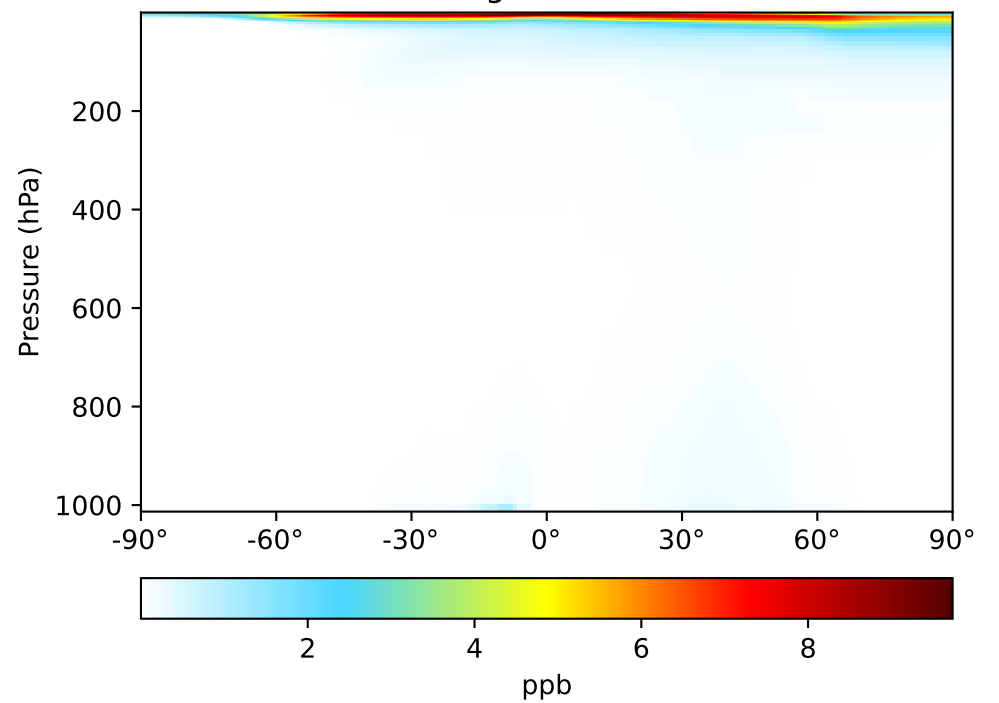


# SpeciesConcVV\_NO2, Zonal Mean

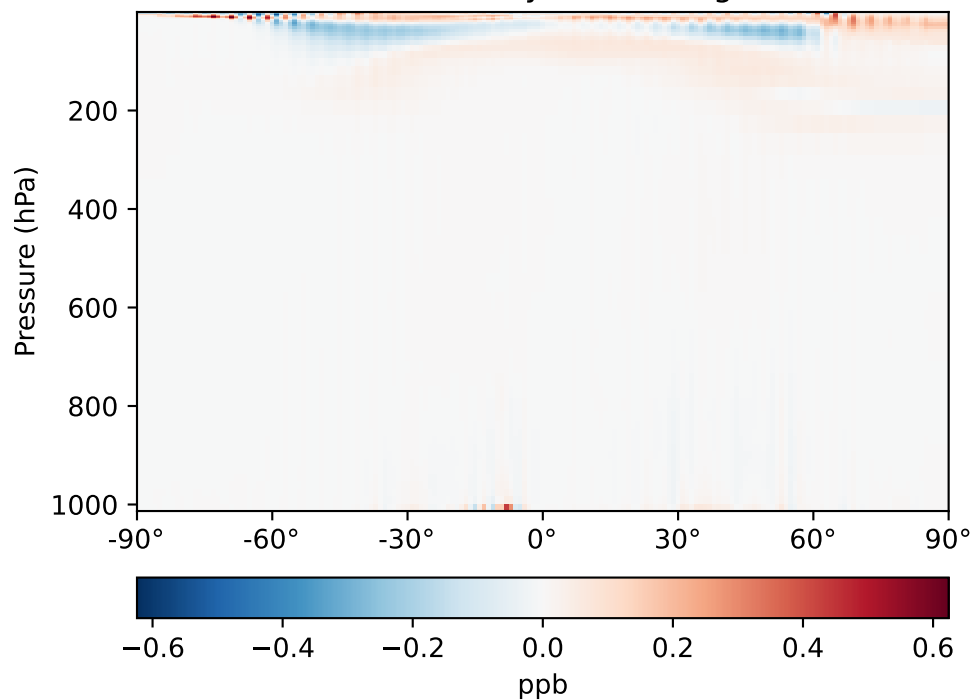
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



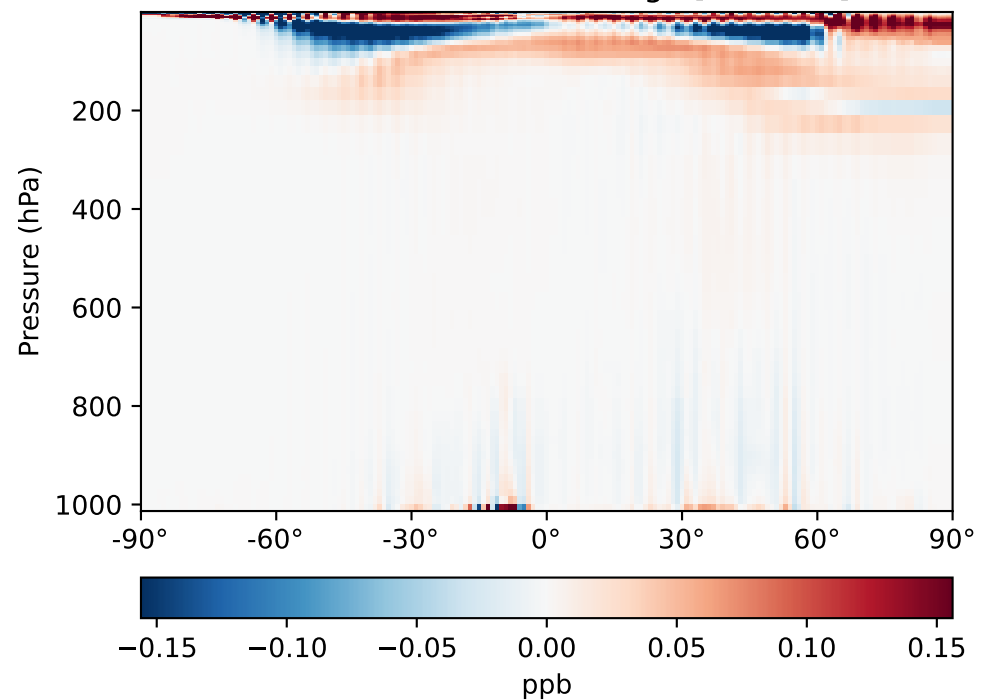
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regridged from c24



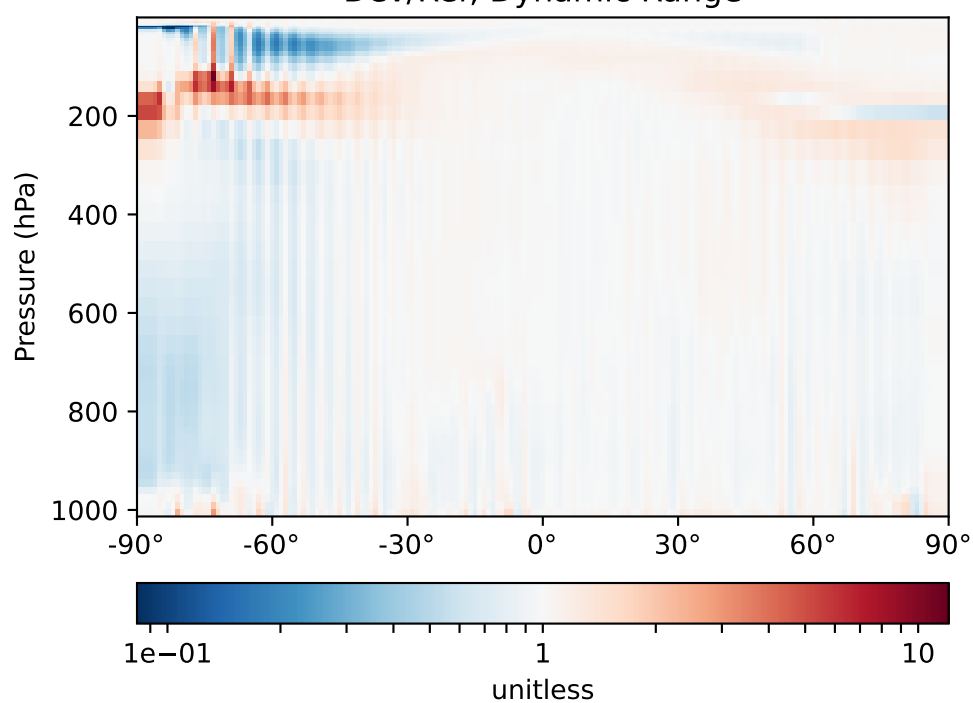
Difference (1x1.25)  
Dev - Ref, Dynamic Range



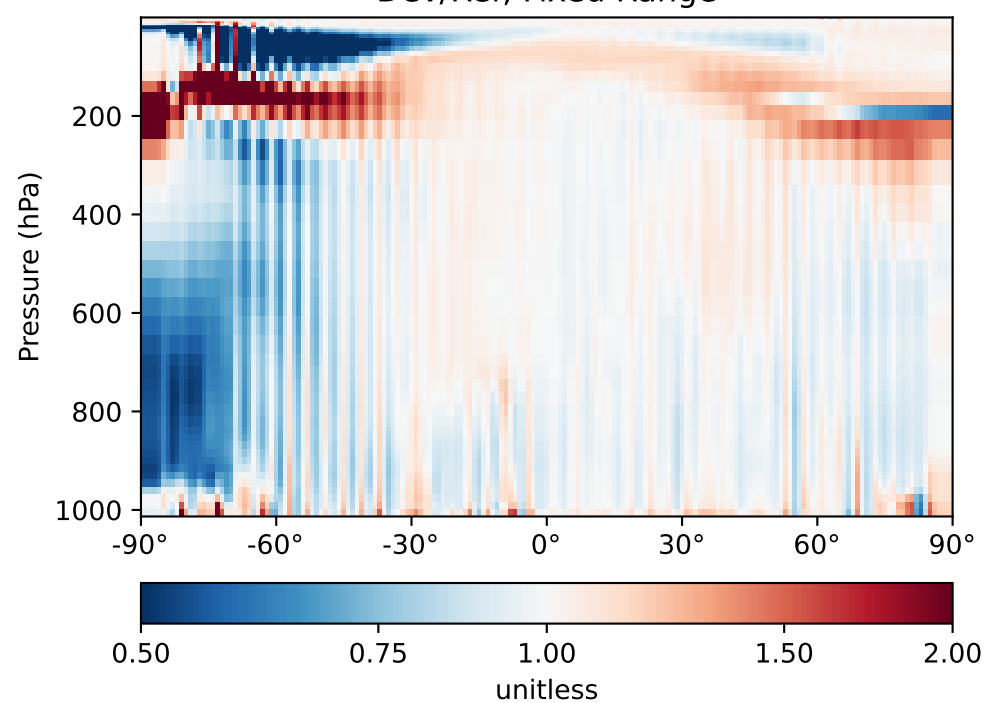
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

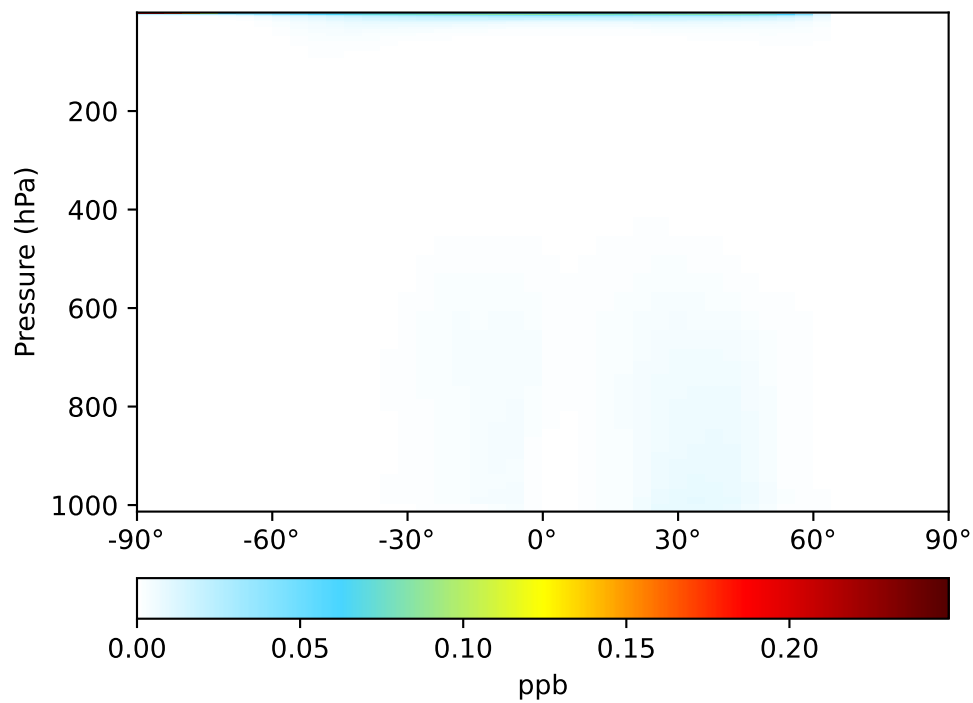


Ratio (1x1.25)  
Dev/Ref, Fixed Range

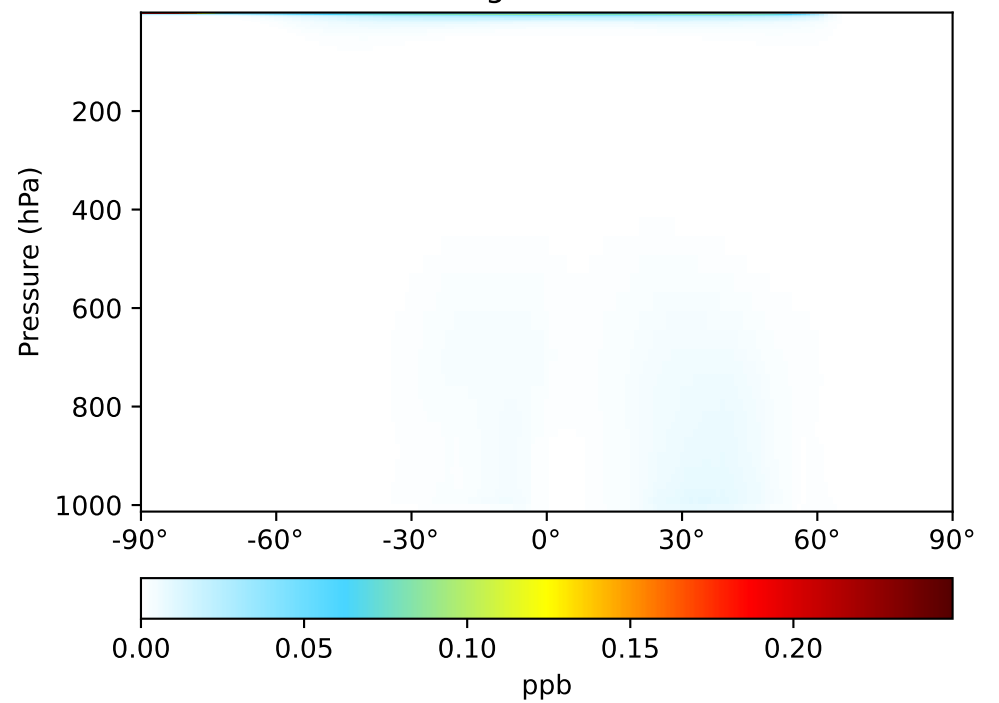


# SpeciesConcVV\_NO3, Zonal Mean

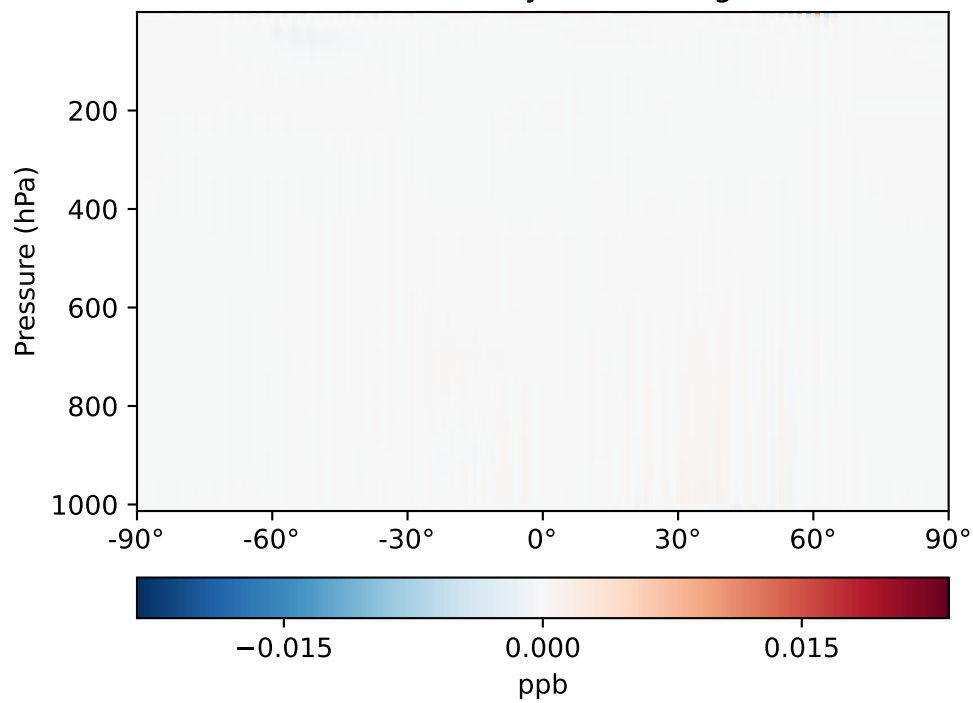
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



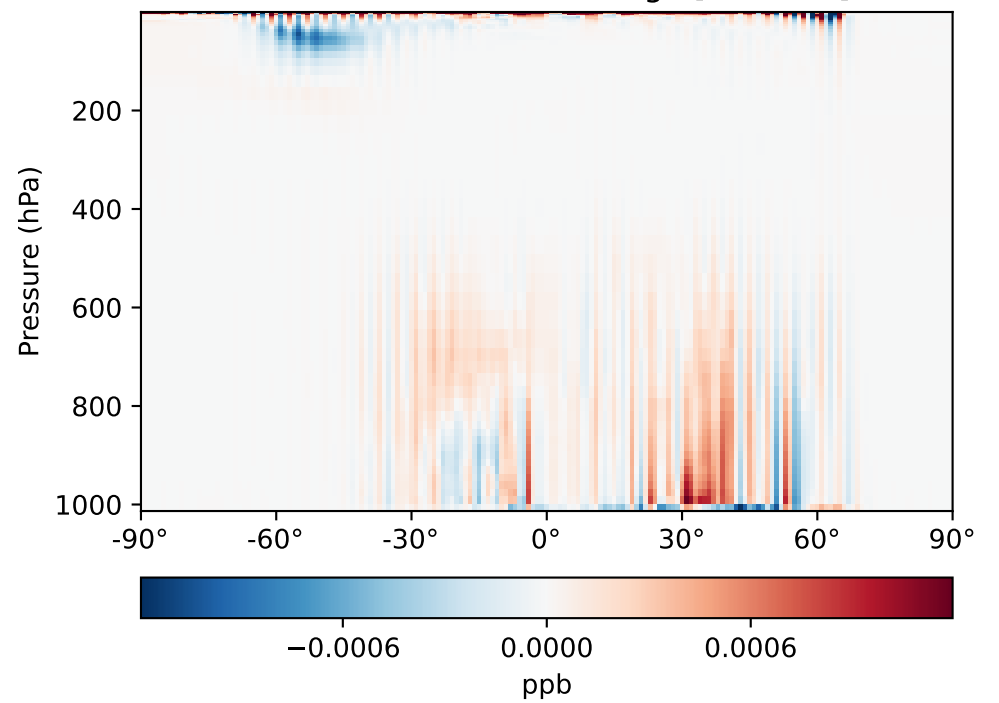
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



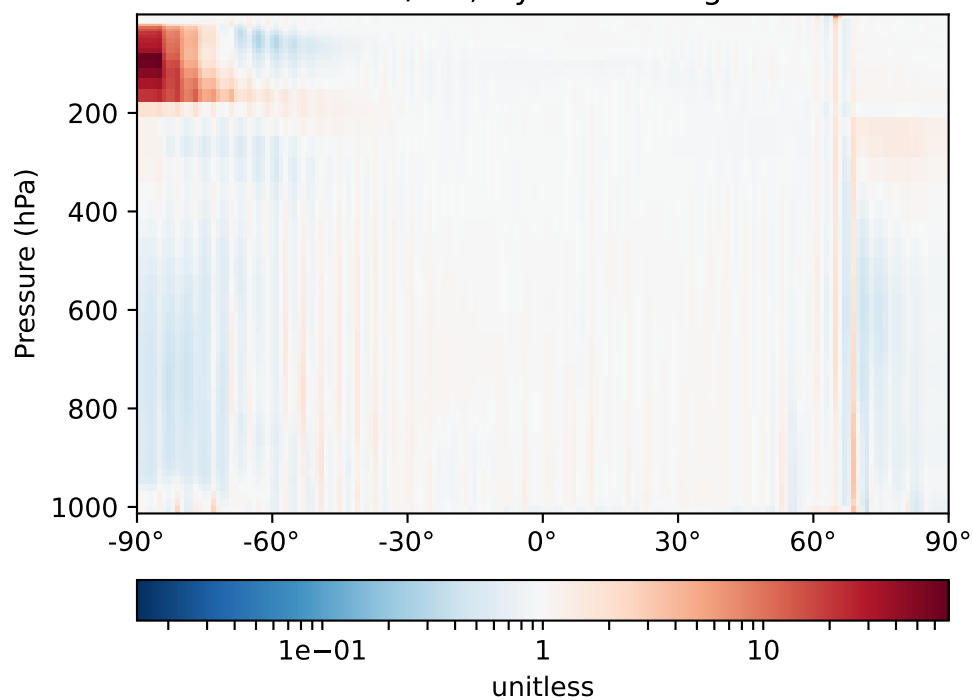
Difference (1x1.25)  
Dev - Ref, Dynamic Range



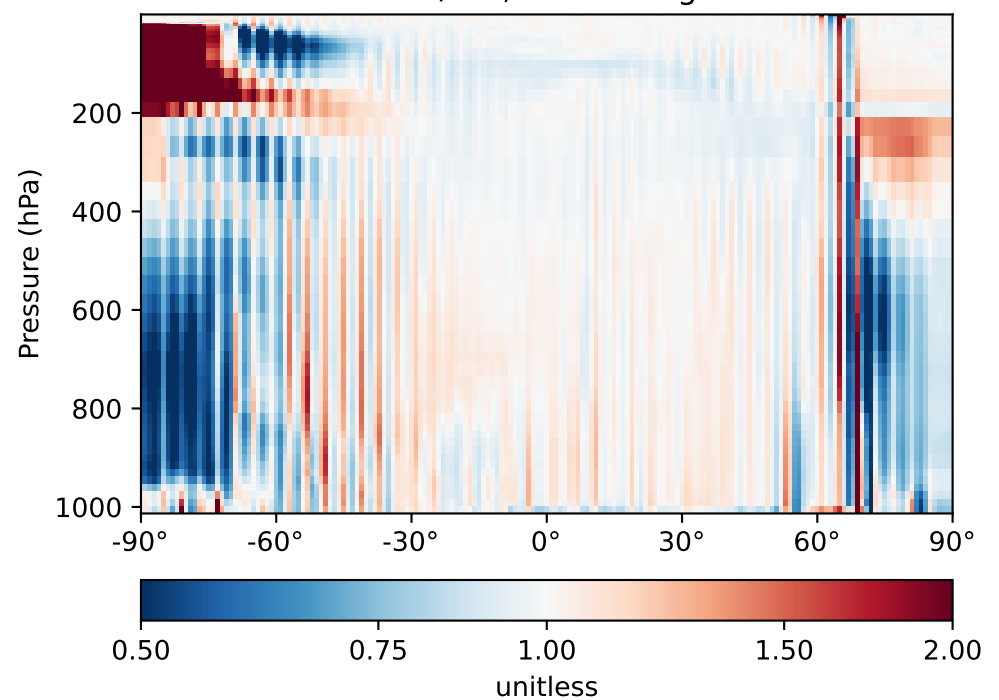
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

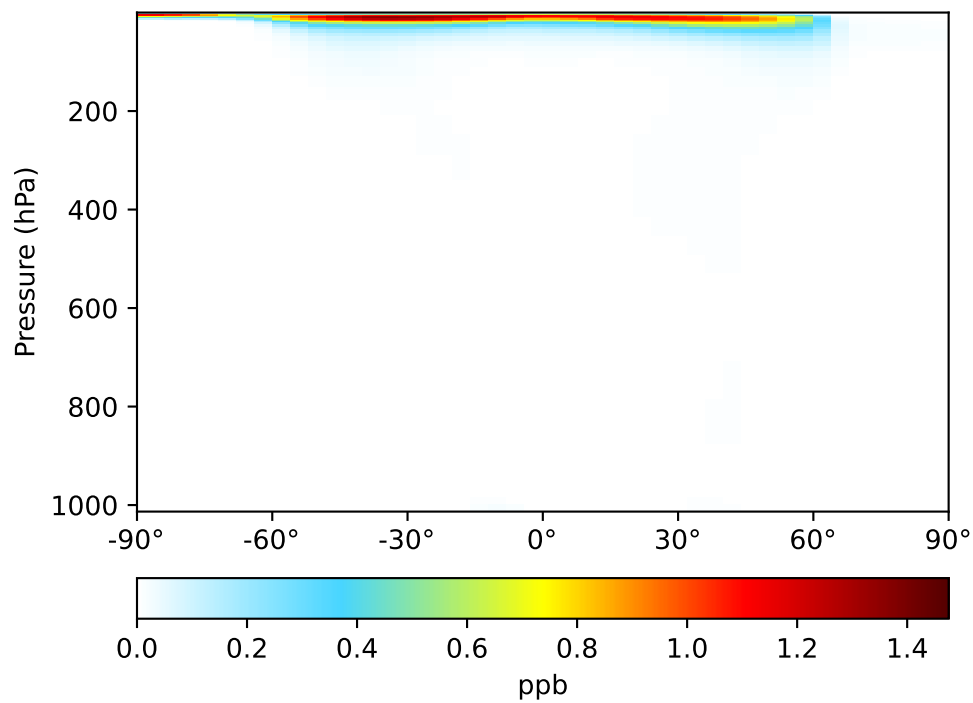


Ratio (1x1.25)  
Dev/Ref, Fixed Range

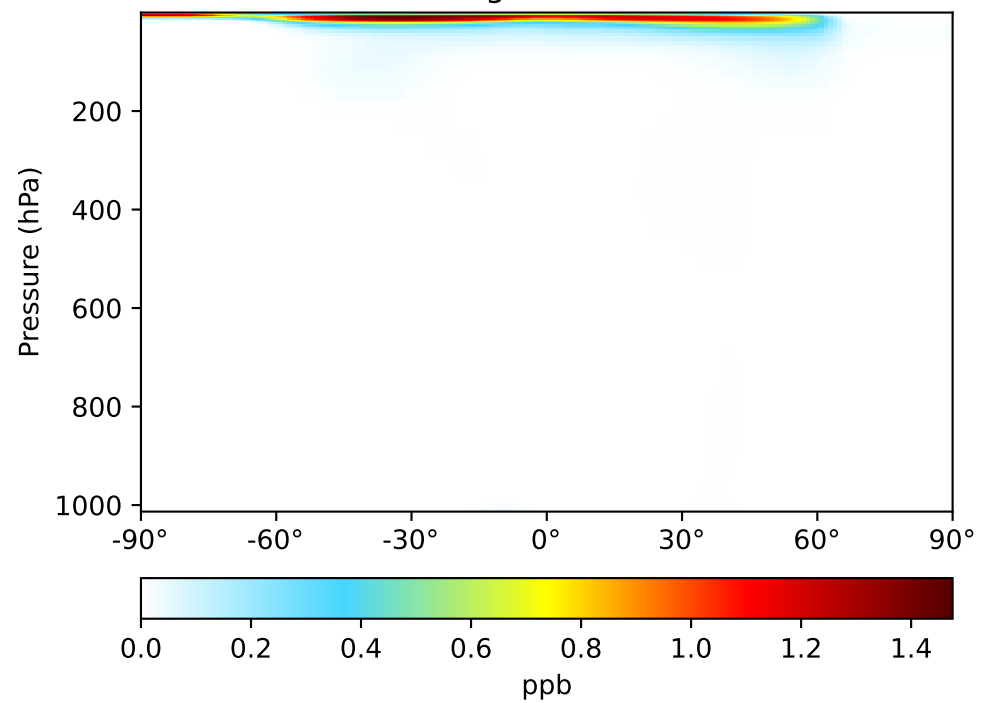


# SpeciesConcVV\_N2O5, Zonal Mean

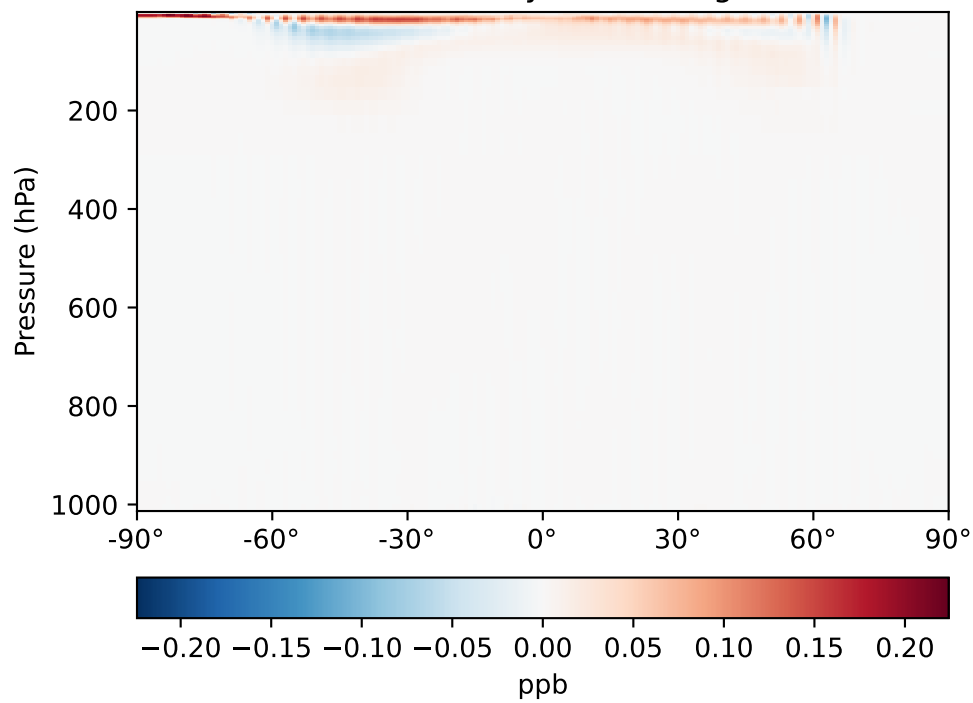
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



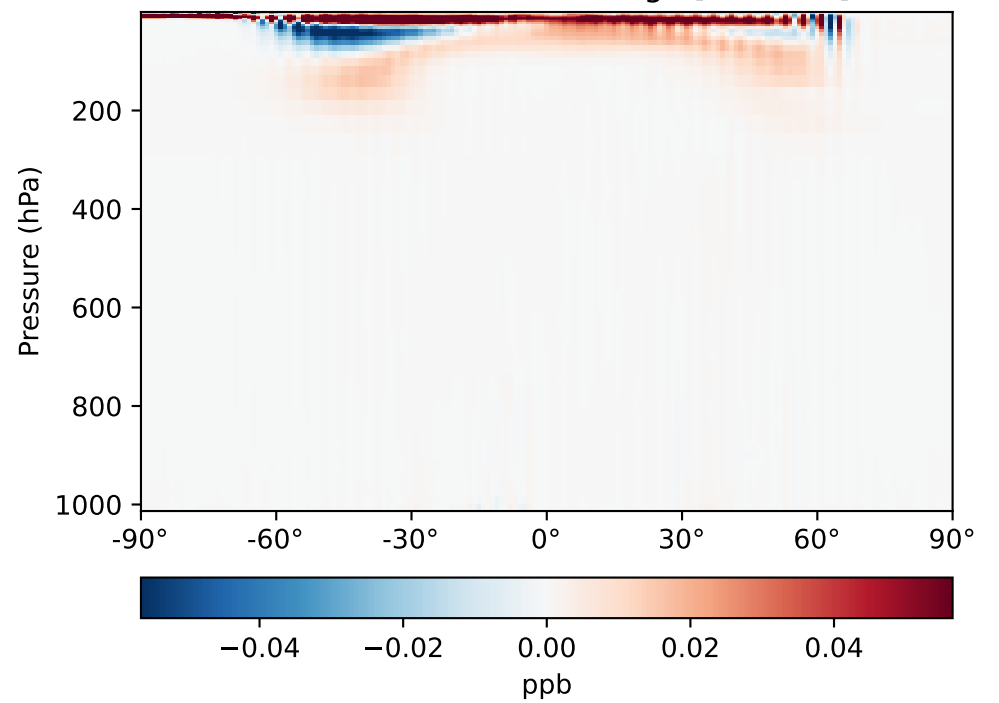
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regridded from c24



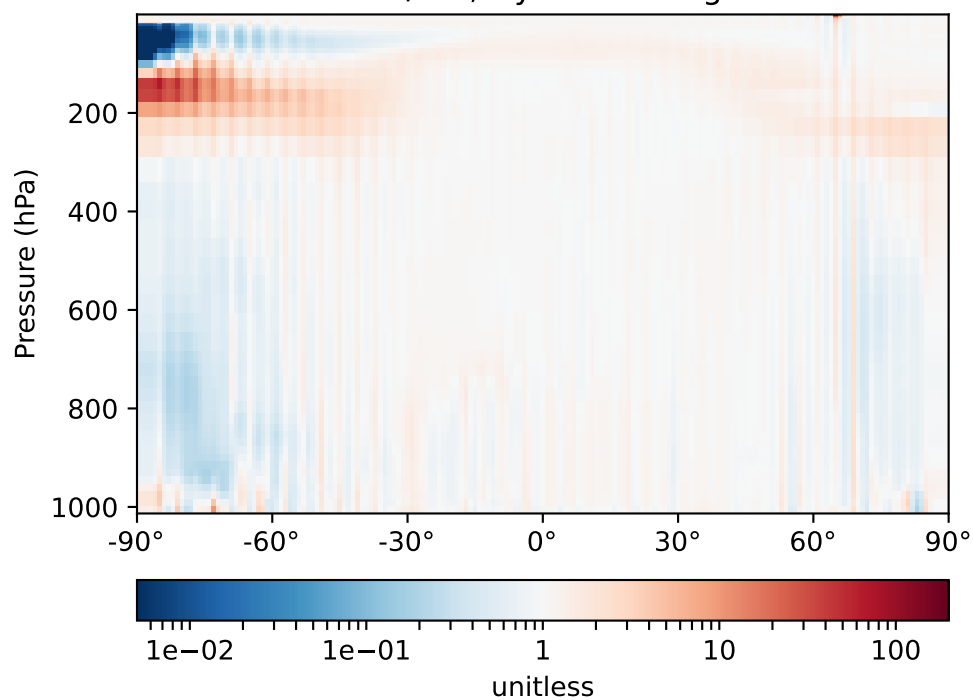
Difference (1x1.25)  
Dev - Ref, Dynamic Range



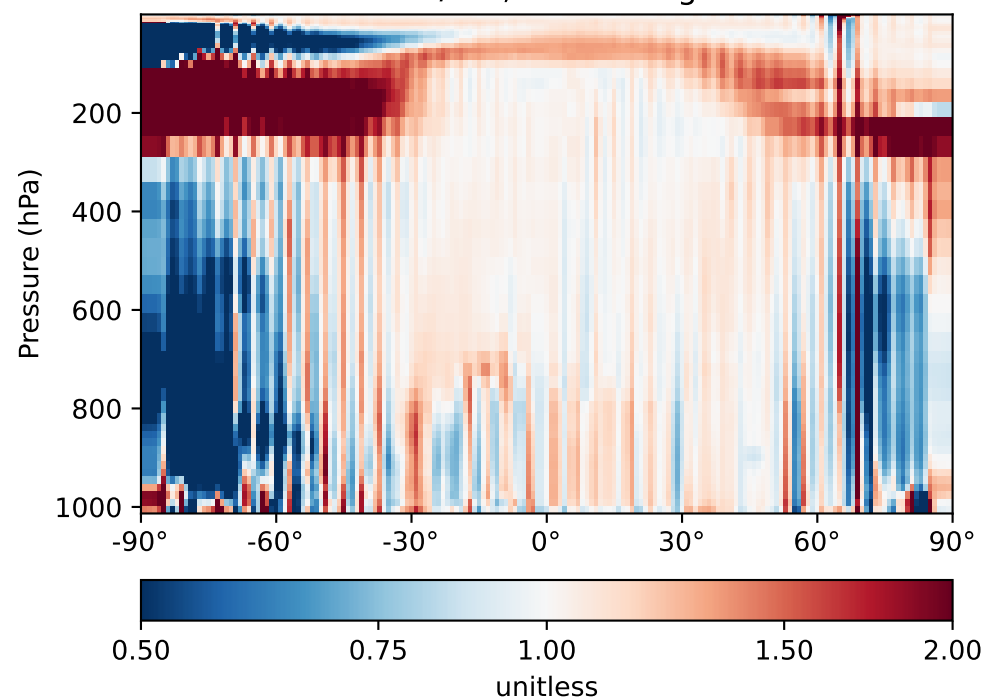
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

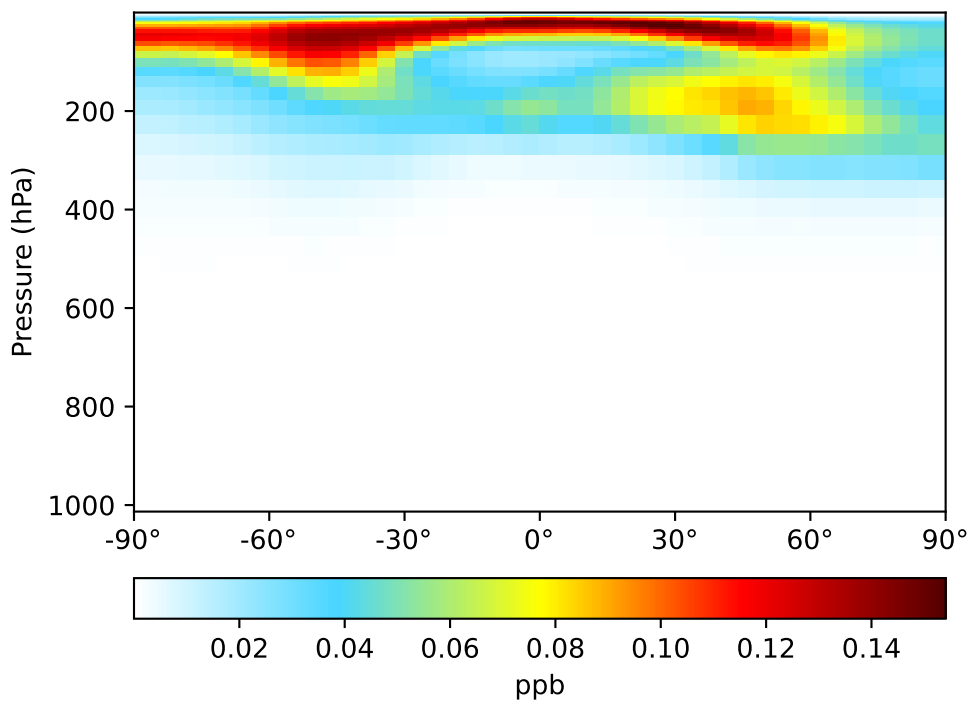


Ratio (1x1.25)  
Dev/Ref, Fixed Range

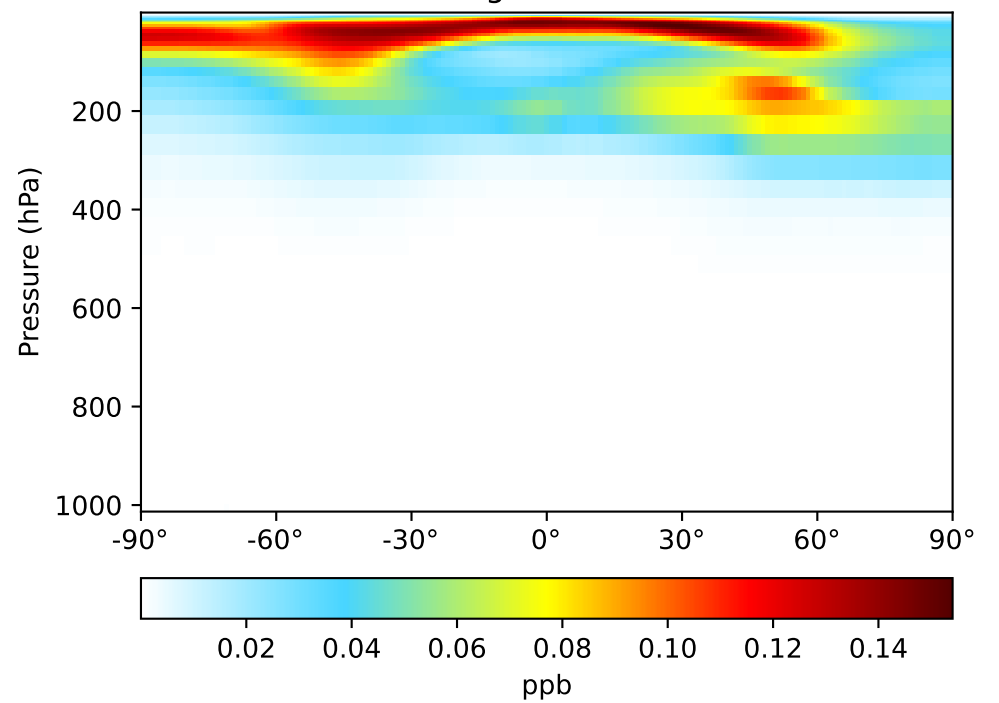


# SpeciesConcVV\_MPN, Zonal Mean

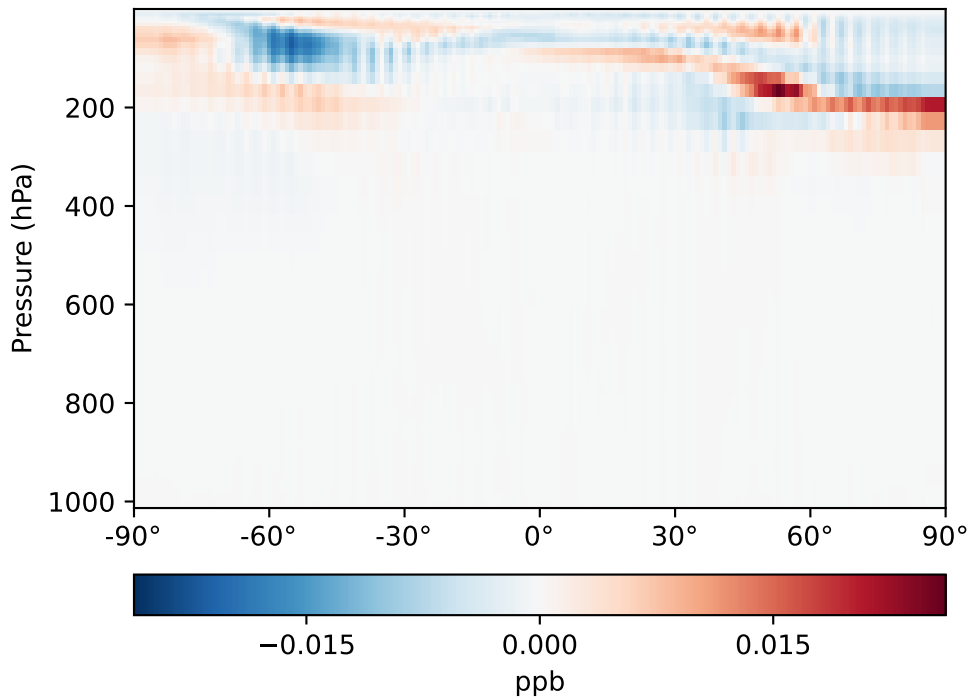
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



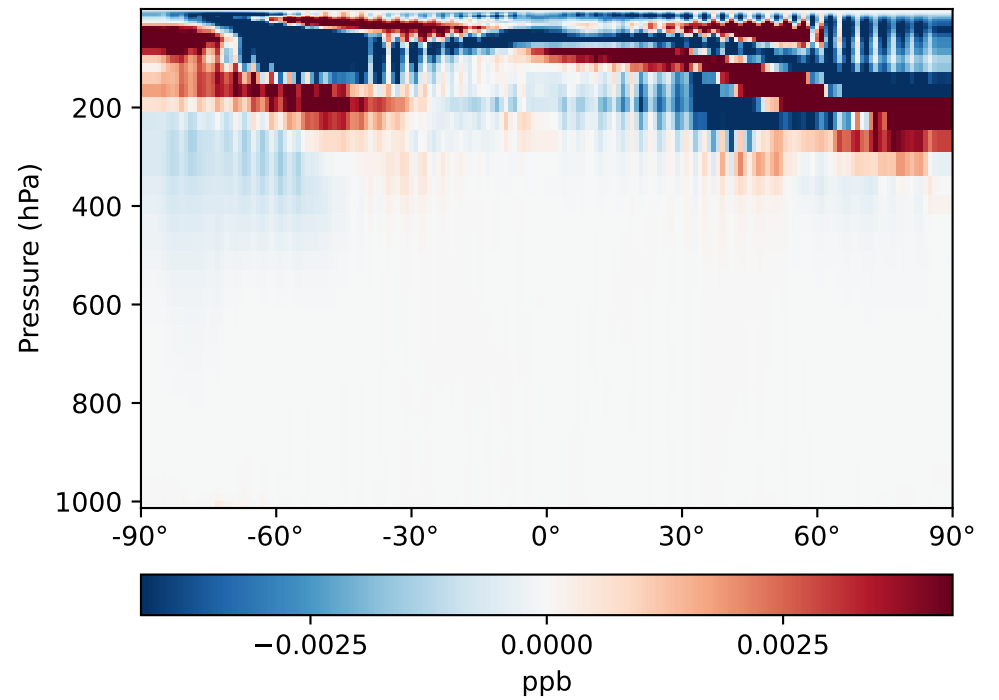
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



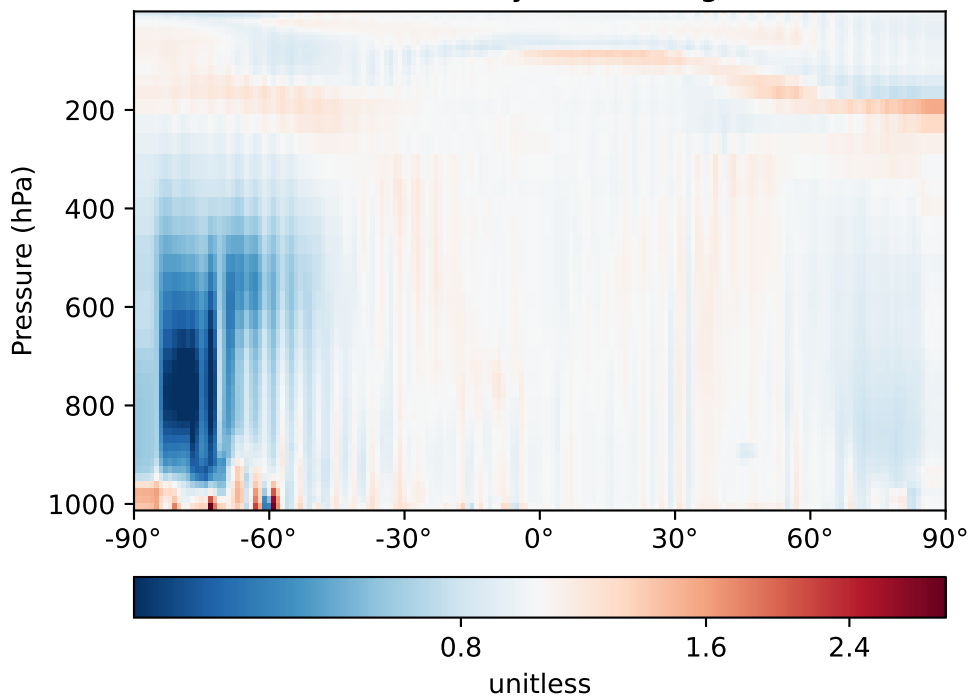
Difference (1x1.25)  
Dev - Ref, Dynamic Range



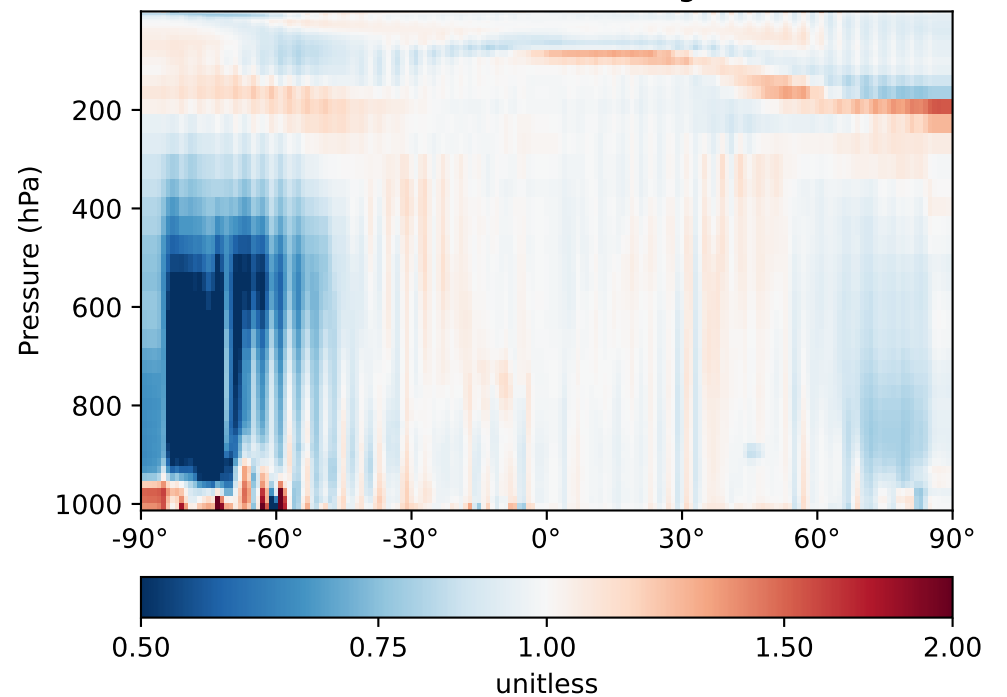
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

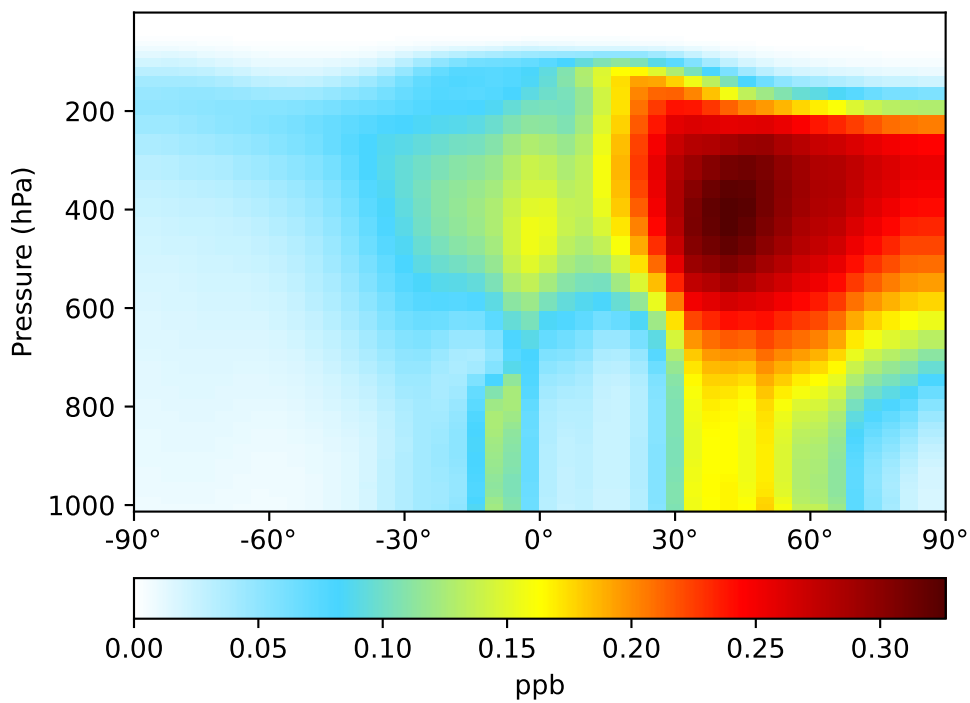


Ratio (1x1.25)  
Dev/Ref, Fixed Range

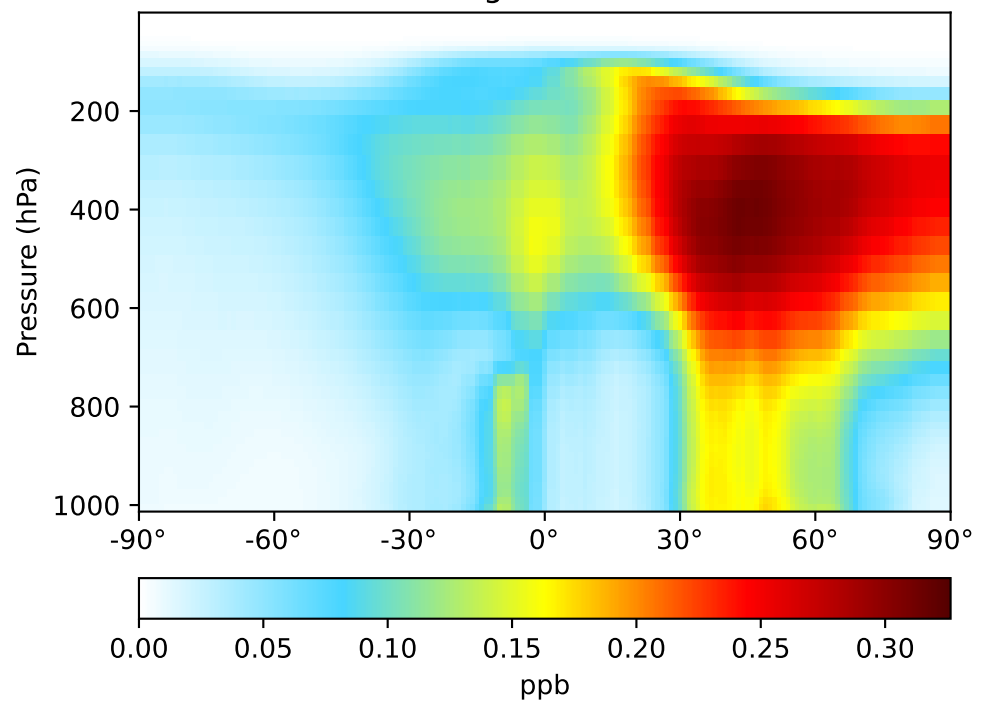


# SpeciesConcVV\_PAN, Zonal Mean

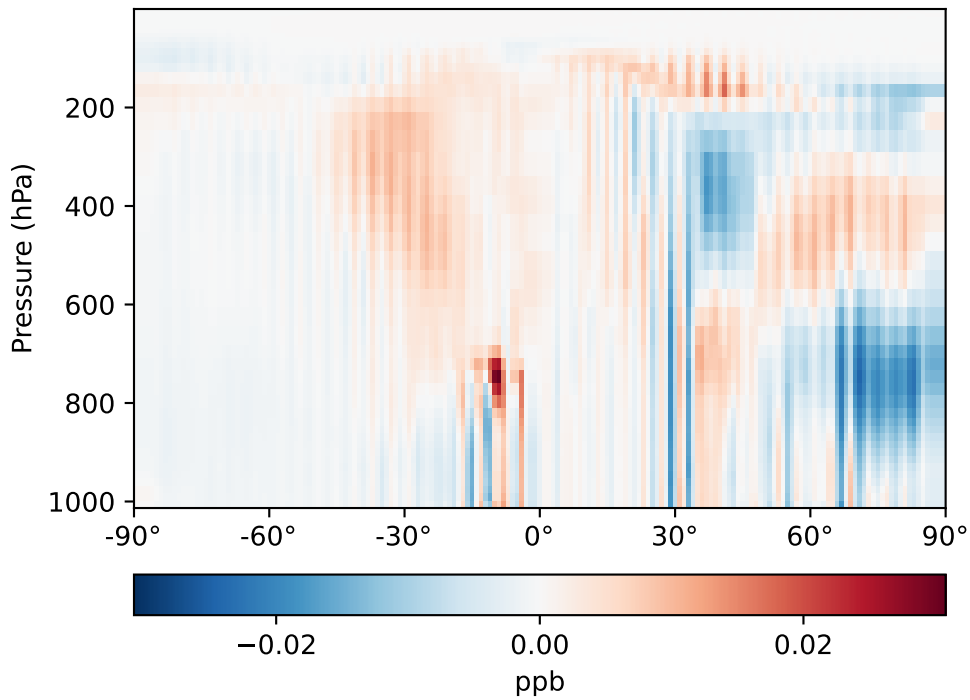
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



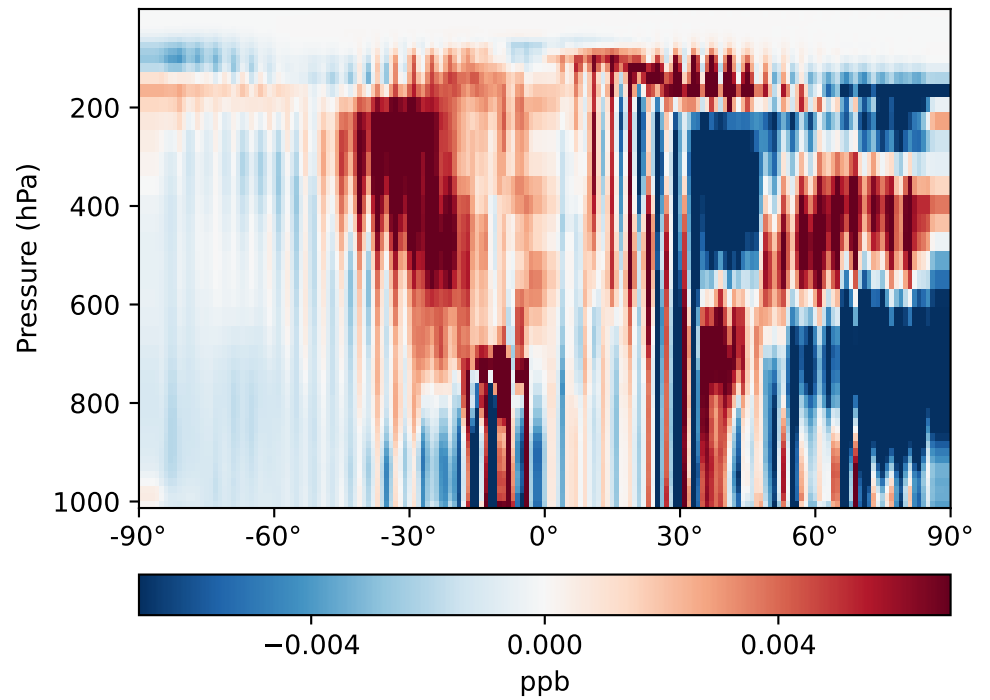
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



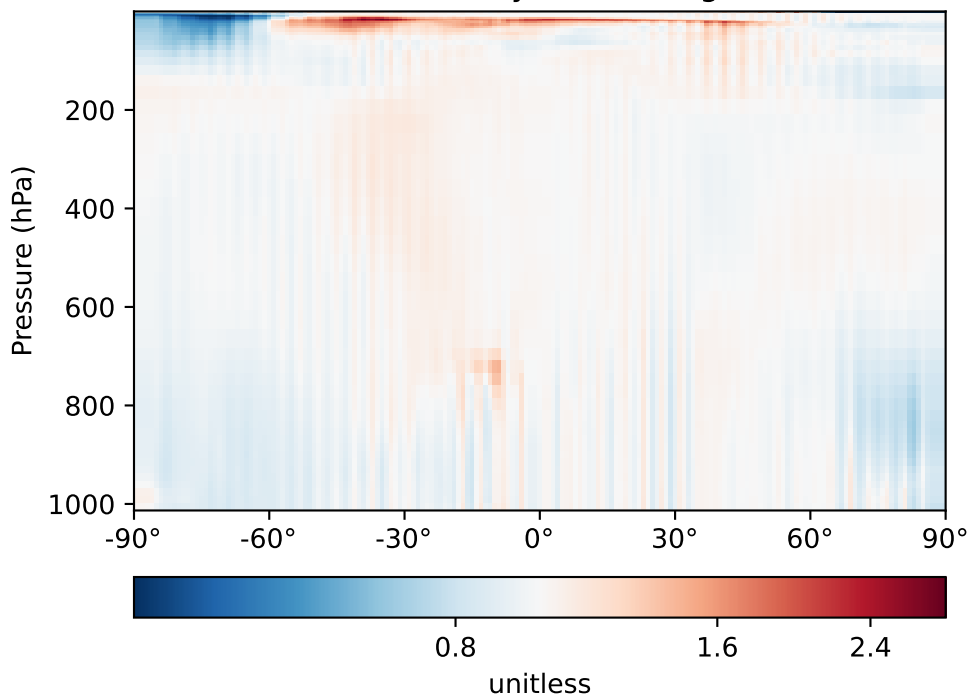
Difference (1x1.25)  
Dev - Ref, Dynamic Range



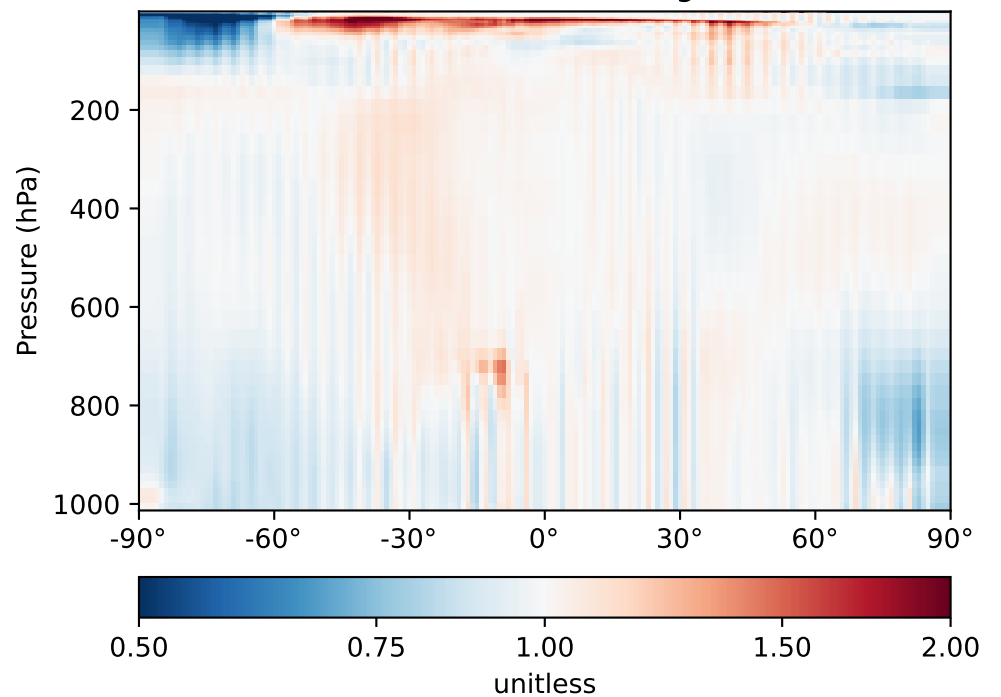
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

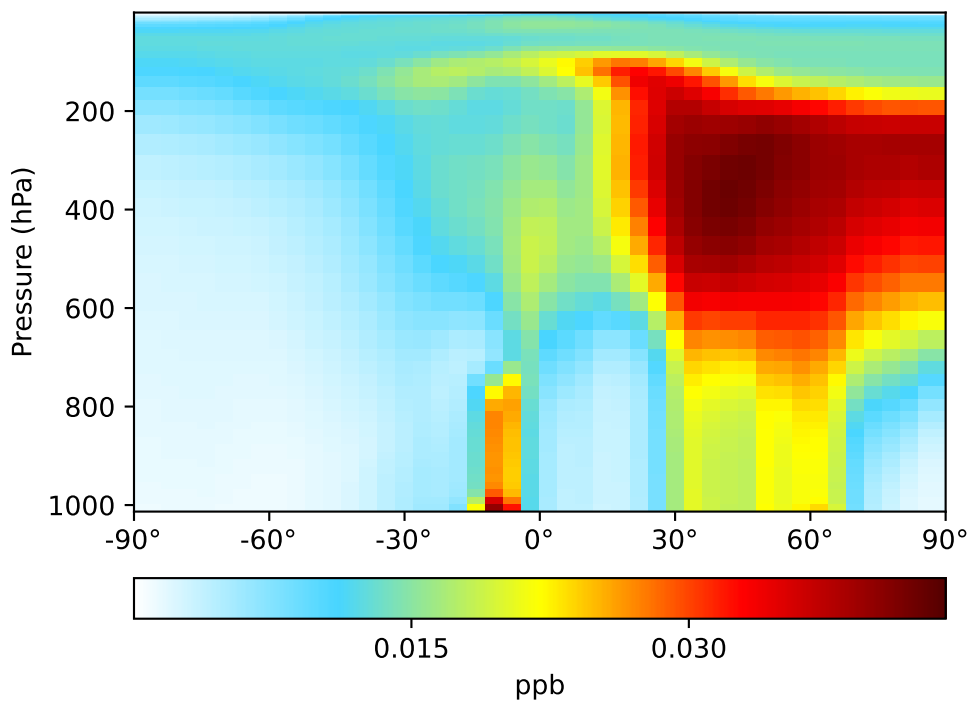


Ratio (1x1.25)  
Dev/Ref, Fixed Range

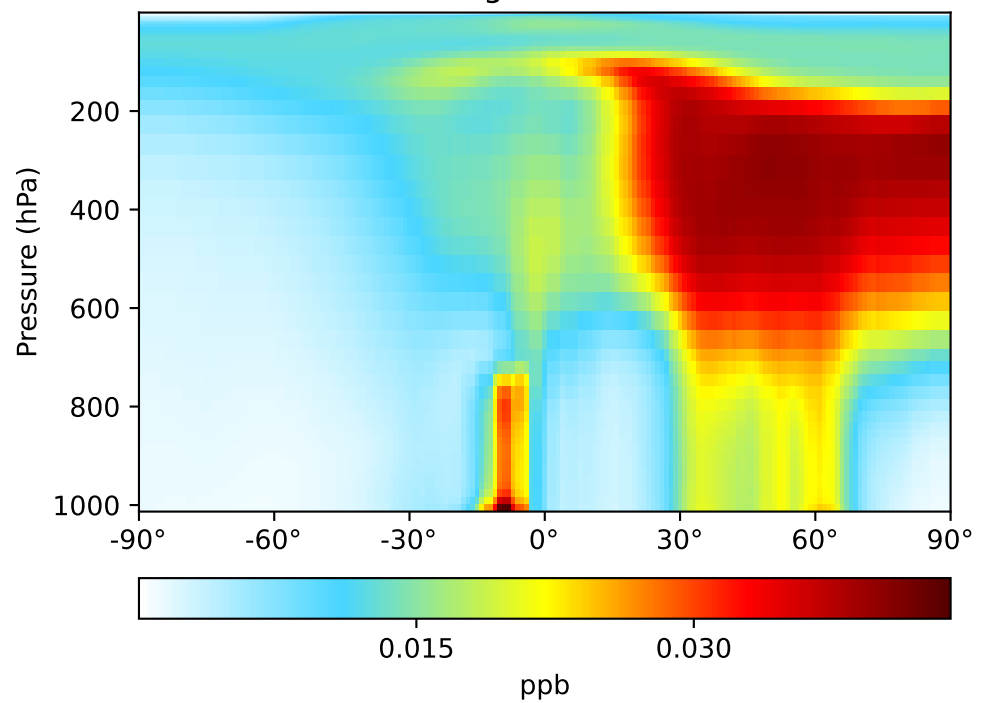


# SpeciesConcVV\_PPN, Zonal Mean

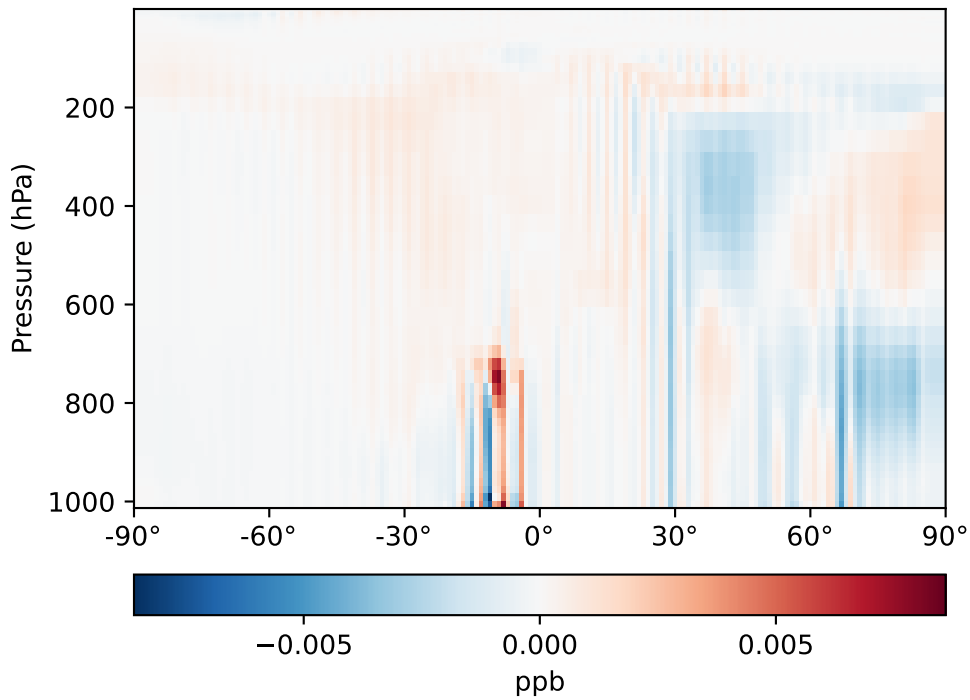
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



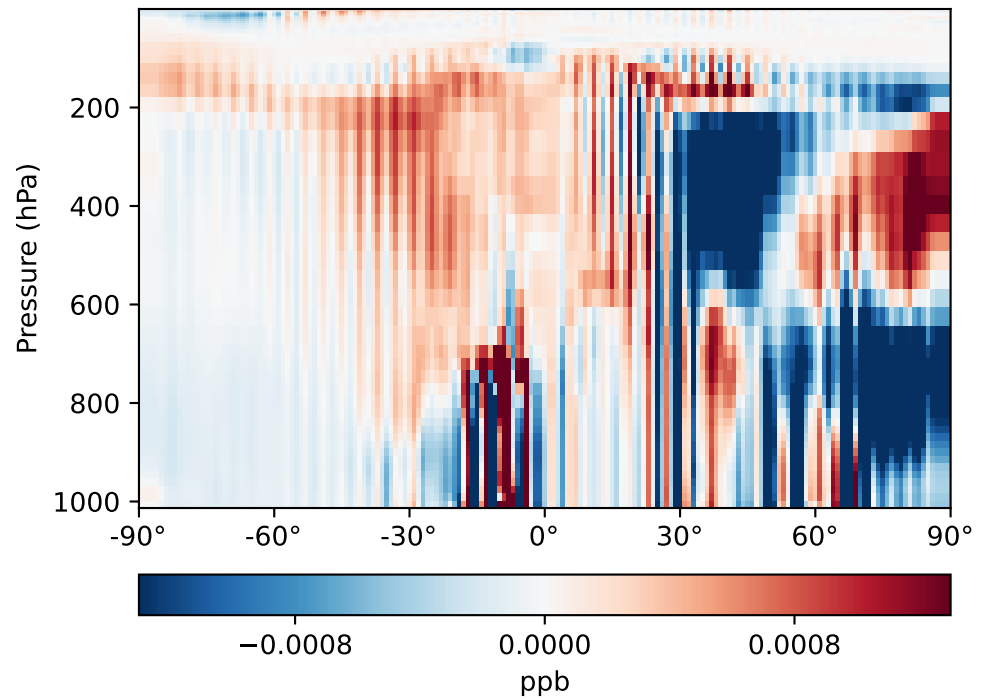
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



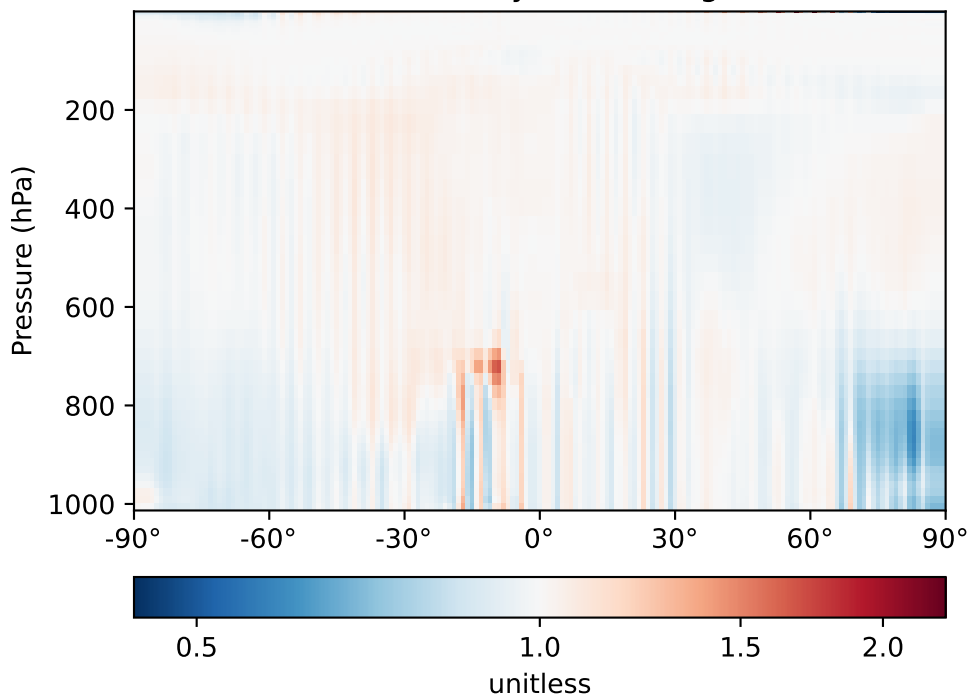
Difference (1x1.25)  
Dev - Ref, Dynamic Range



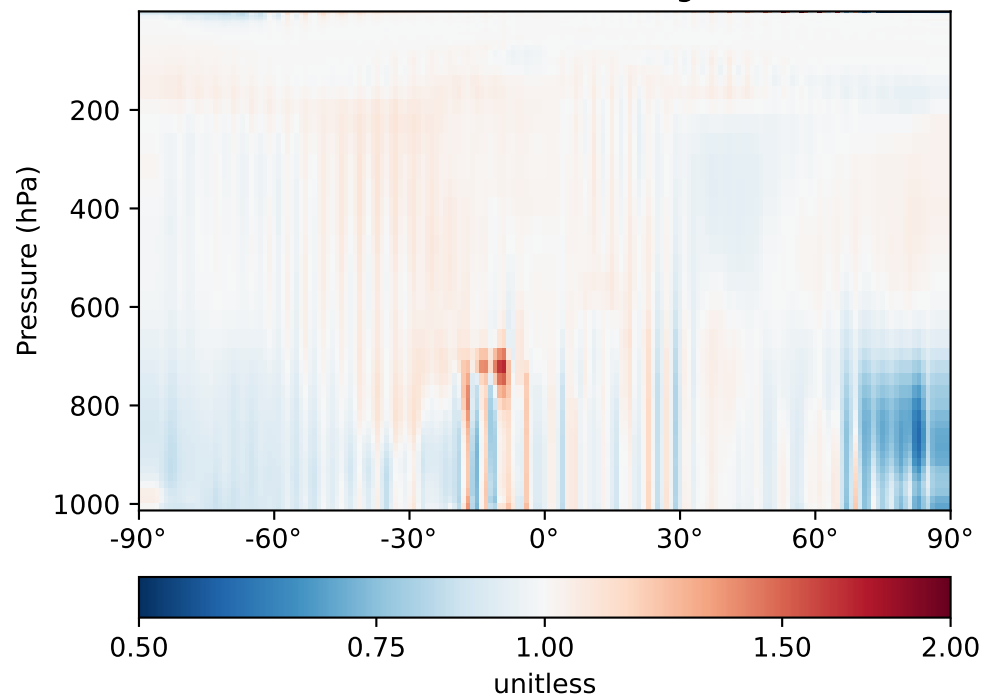
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

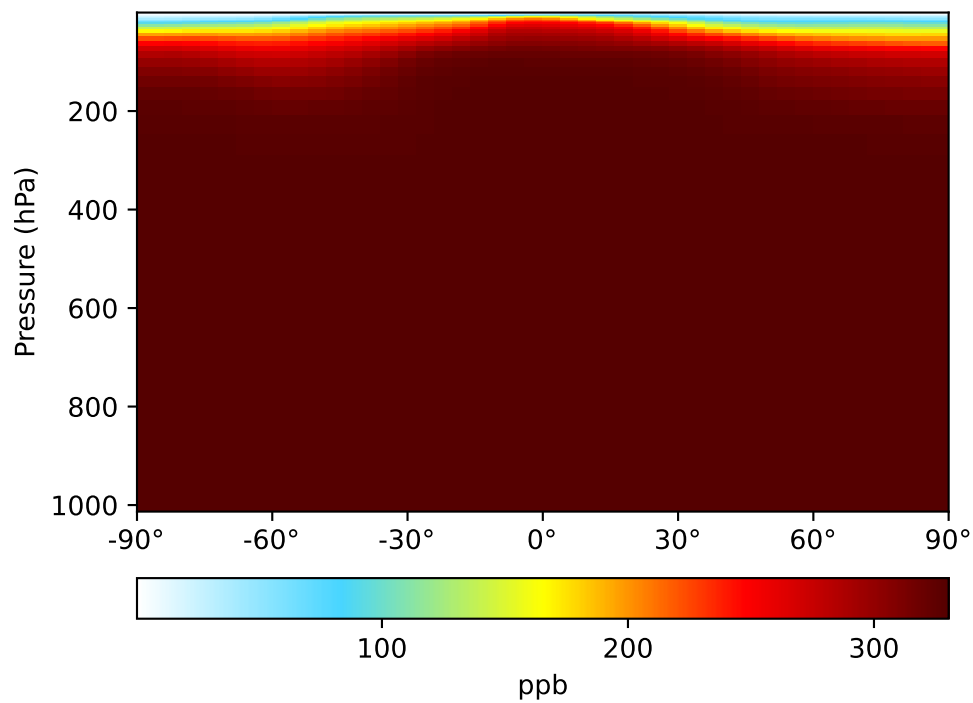


Ratio (1x1.25)  
Dev/Ref, Fixed Range

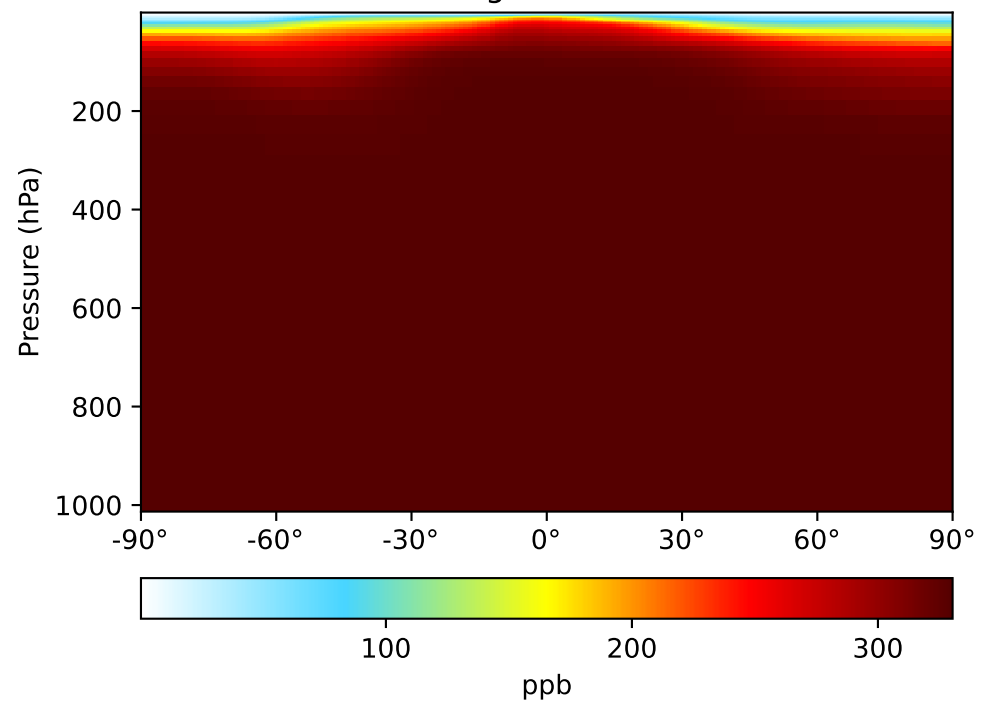


# SpeciesConcVV\_N2O, Zonal Mean

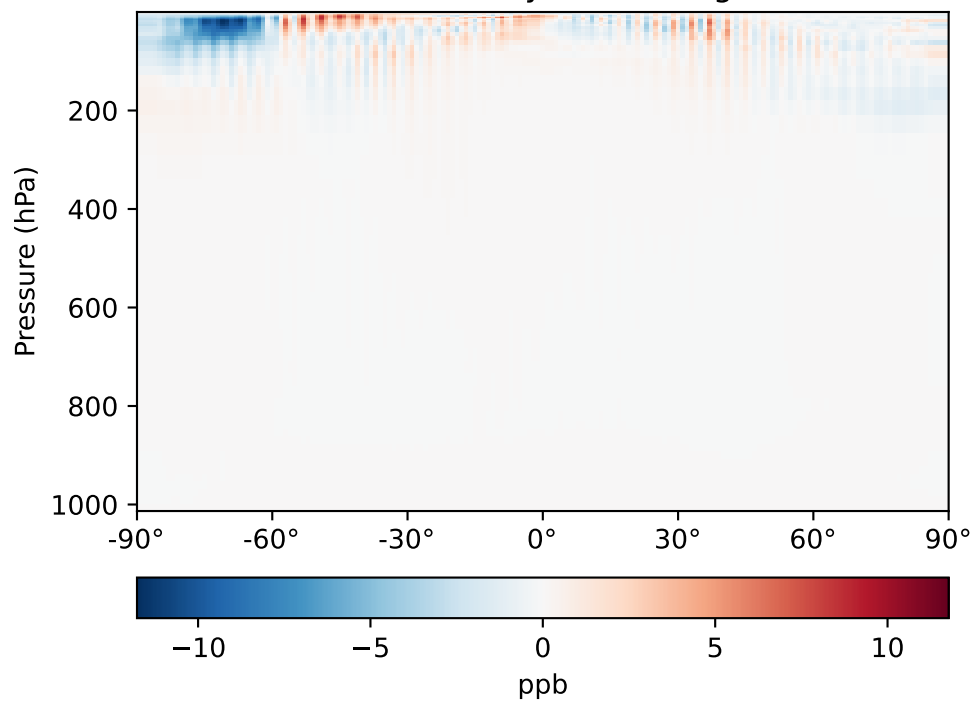
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



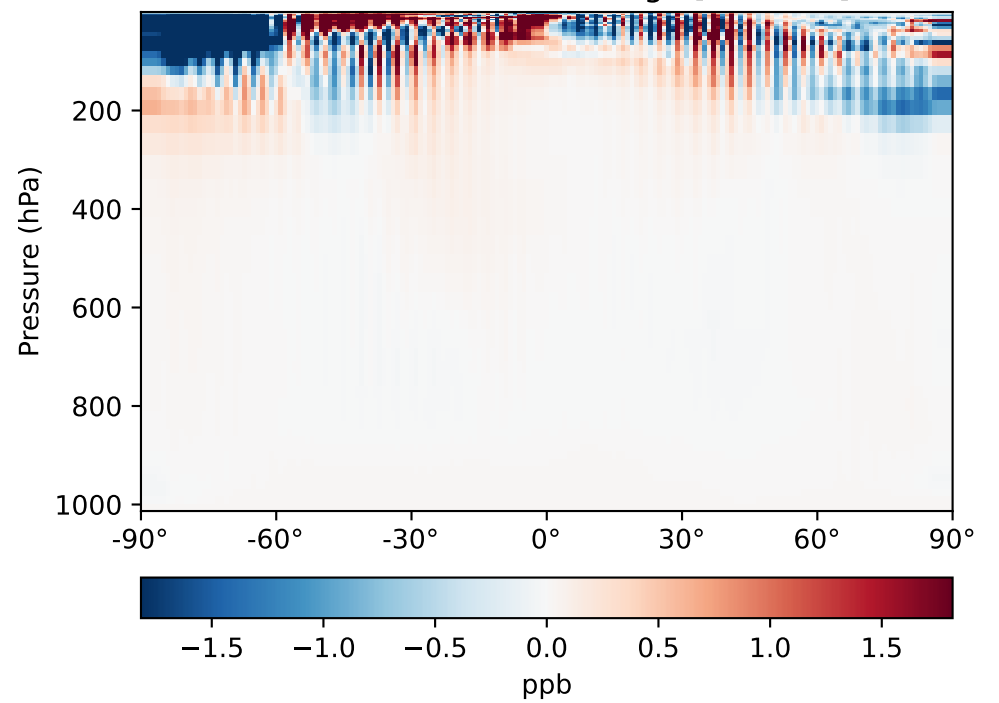
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



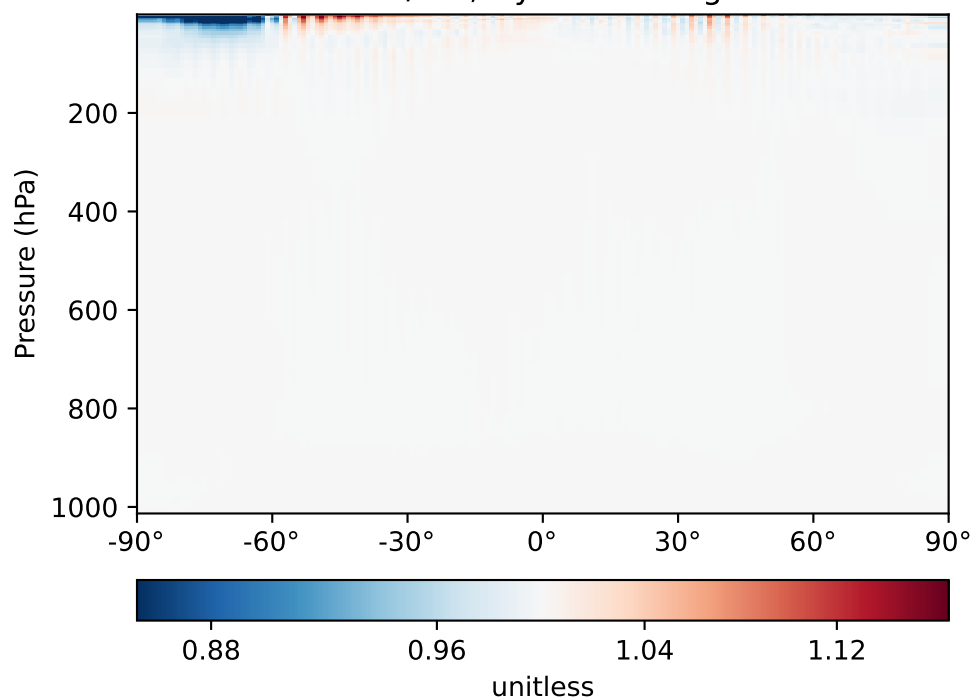
Difference (1x1.25)  
Dev - Ref, Dynamic Range



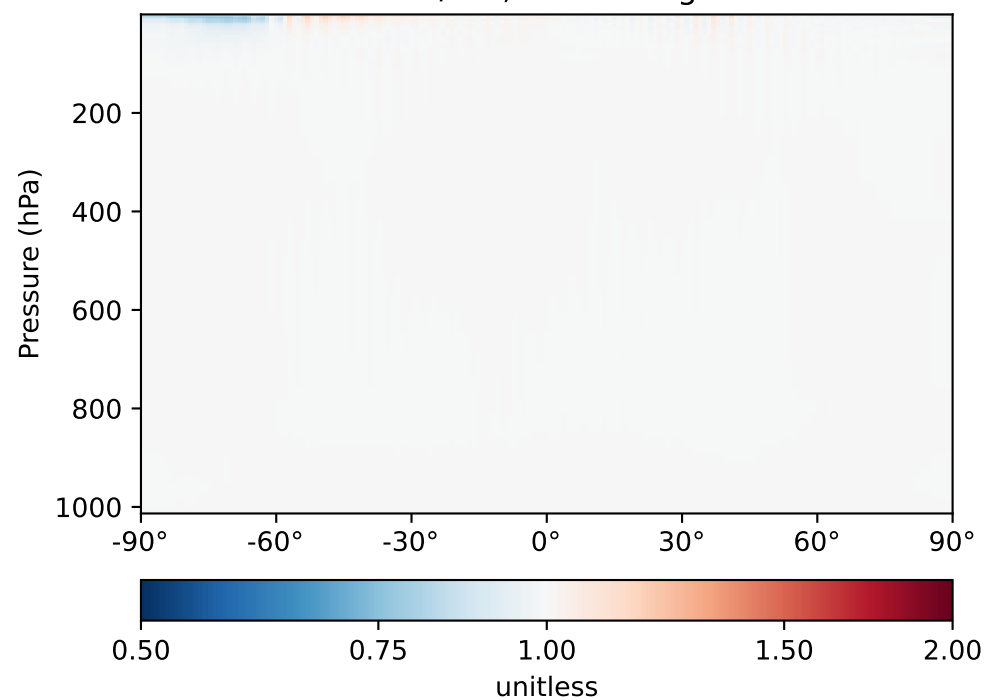
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

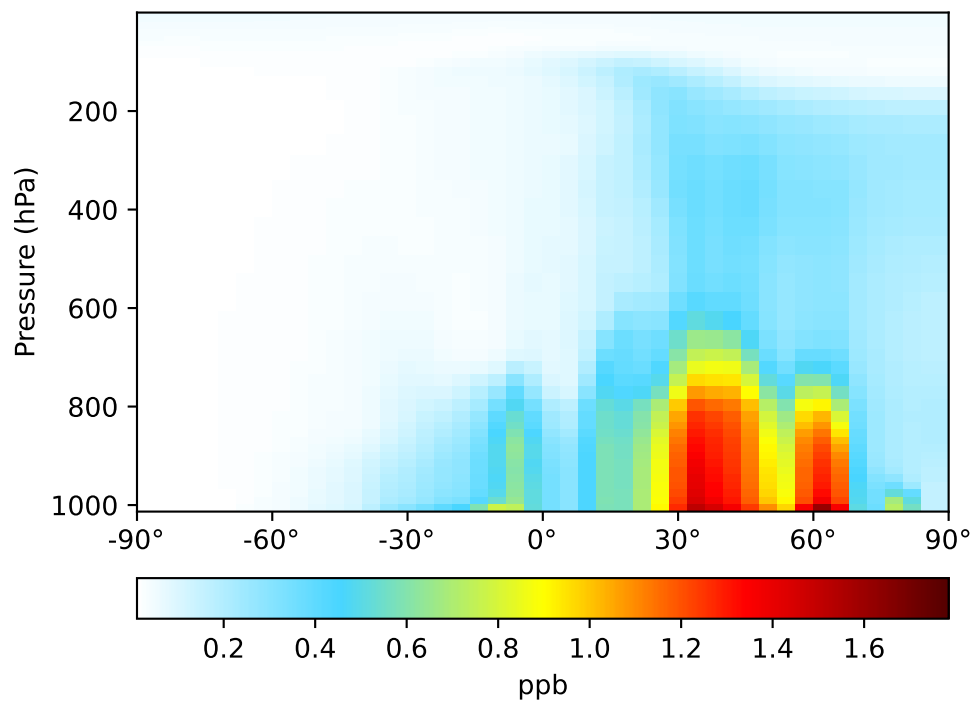


Ratio (1x1.25)  
Dev/Ref, Fixed Range

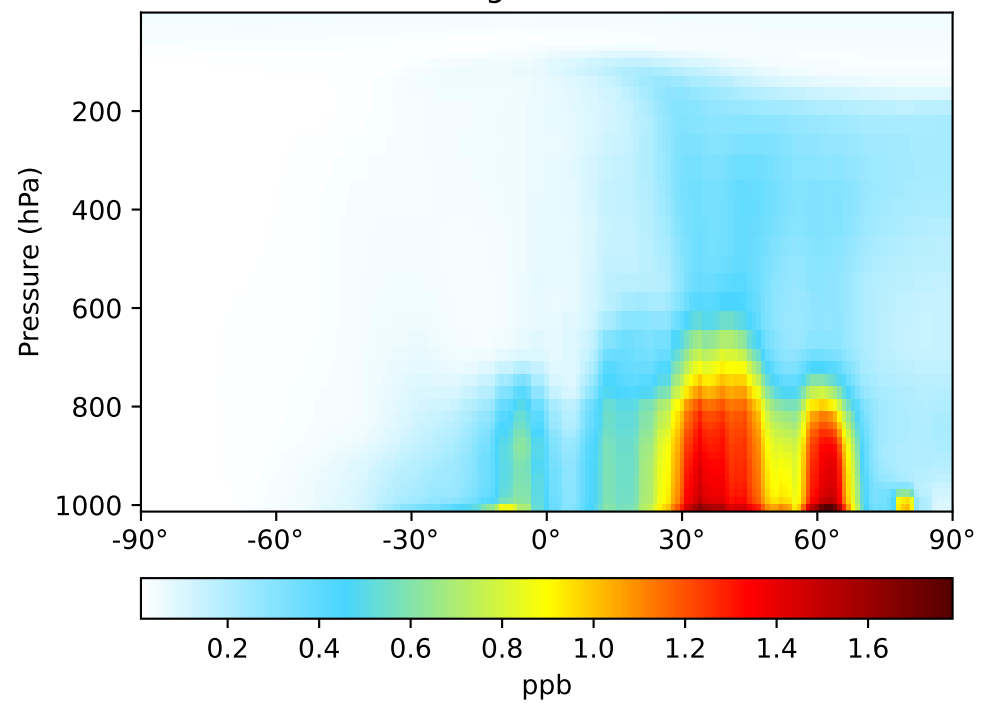


# SpeciesConcVW\_NHx, Zonal Mean

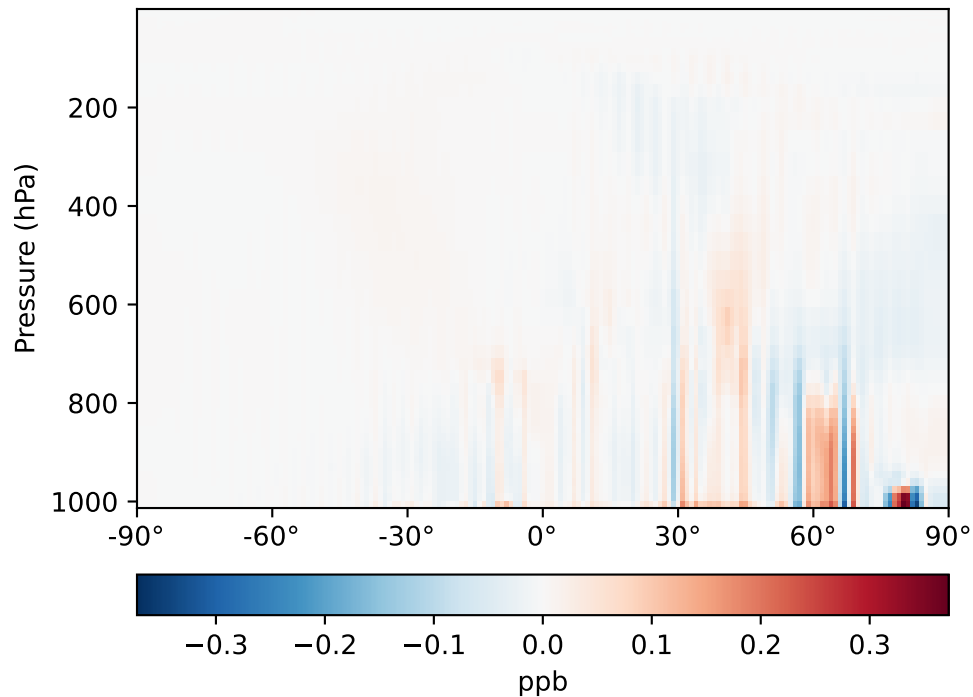
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



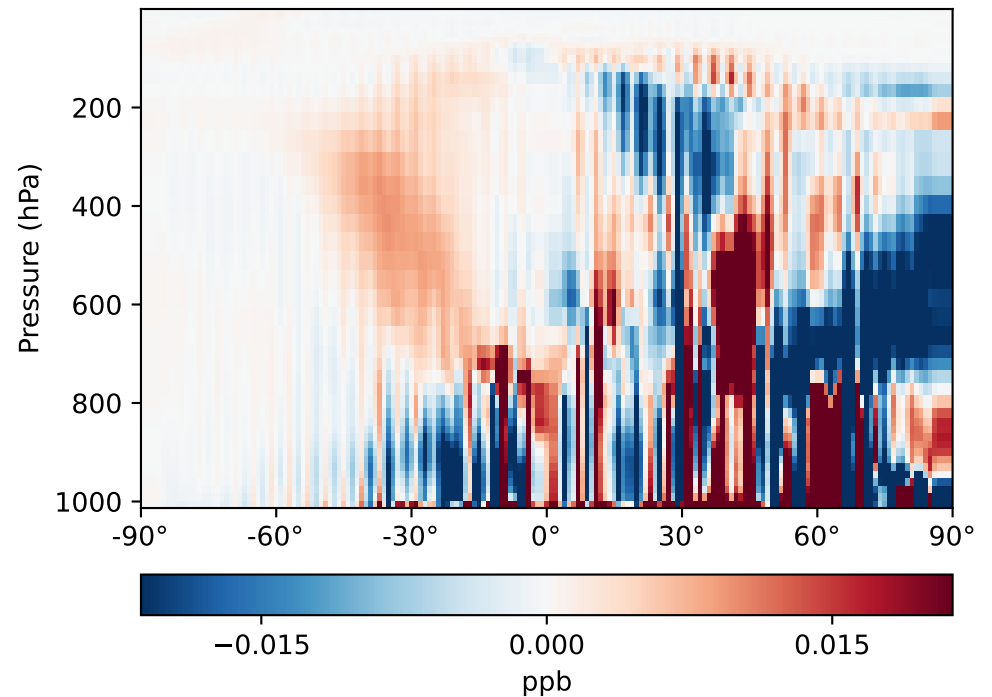
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



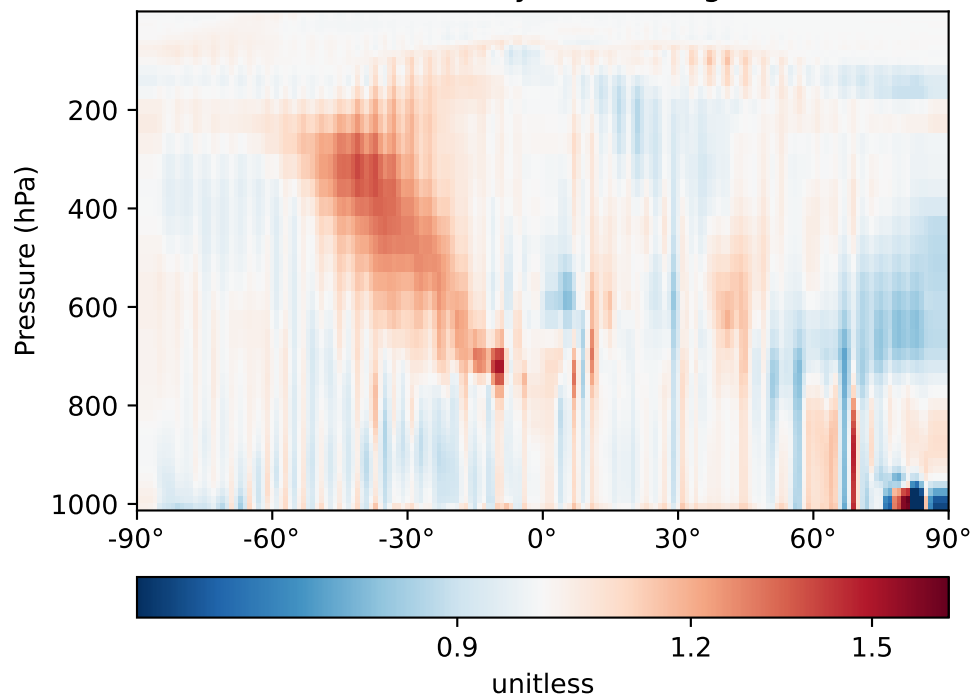
Difference (1x1.25)  
Dev - Ref, Dynamic Range



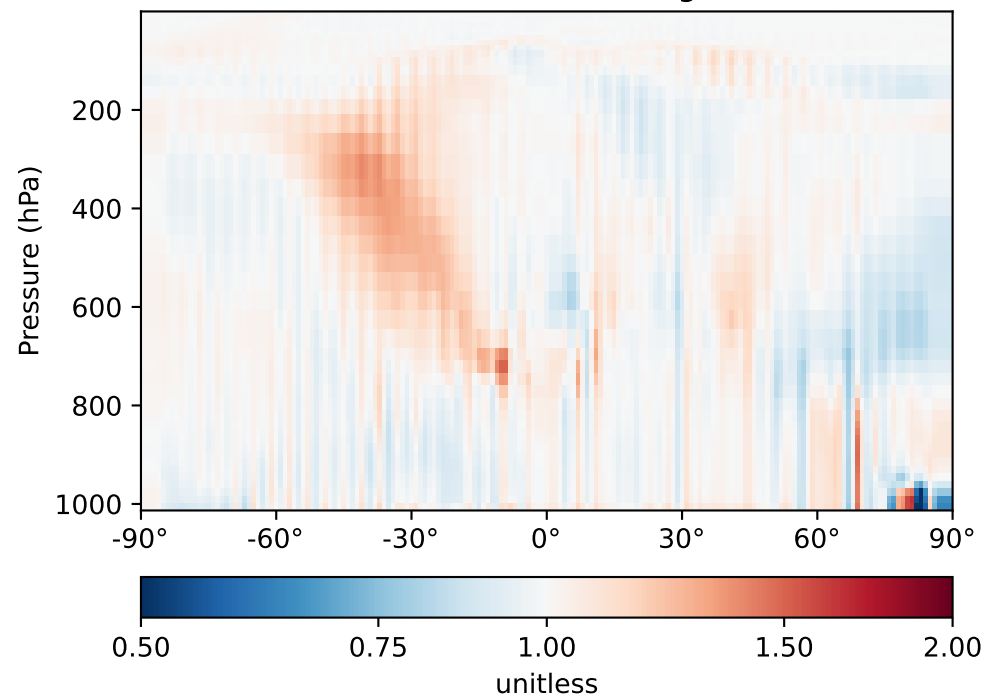
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



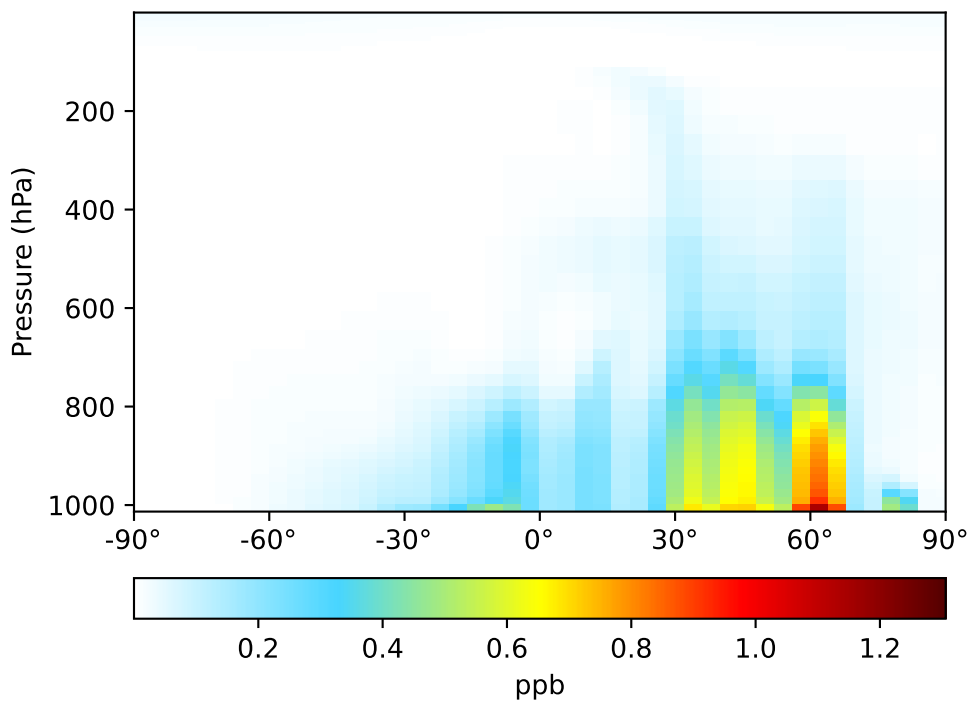
Ratio (1x1.25)  
Dev/Ref, Fixed Range



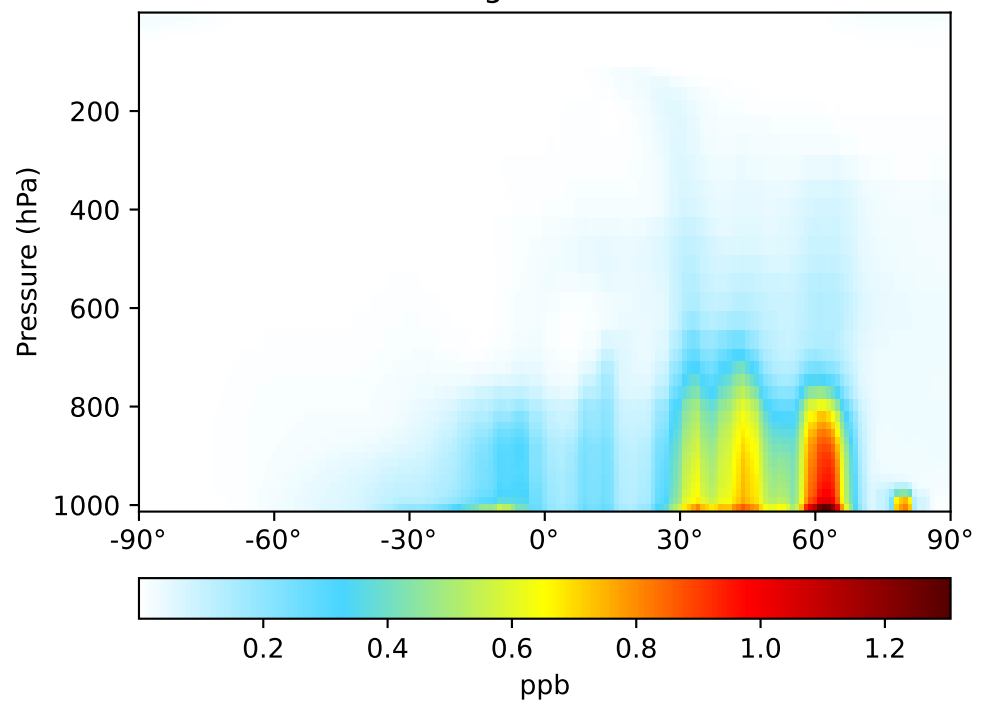


# SpeciesConcVV\_NH3, Zonal Mean

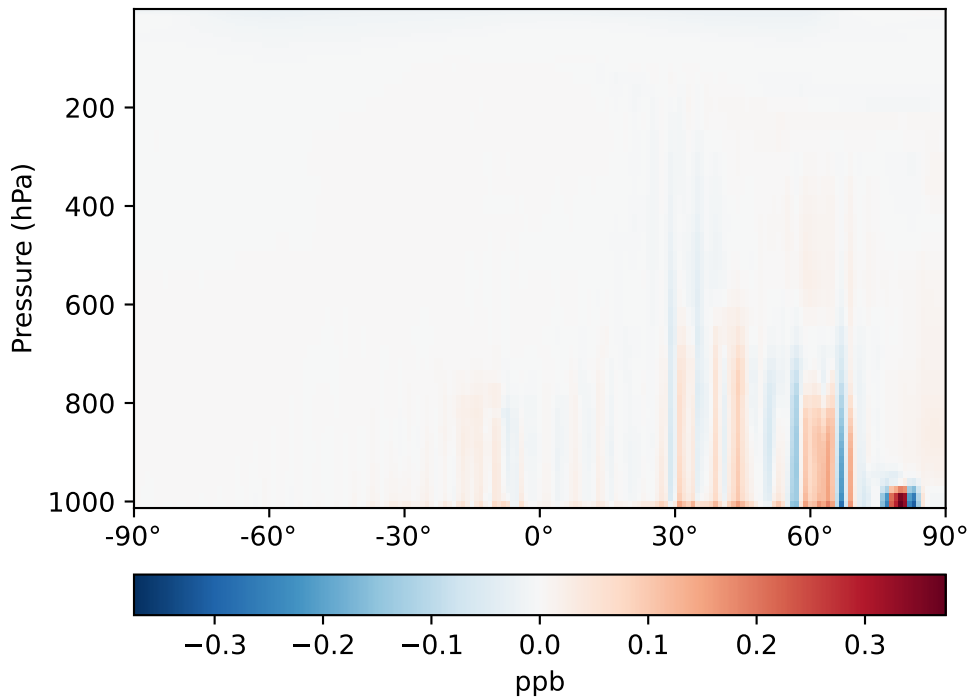
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



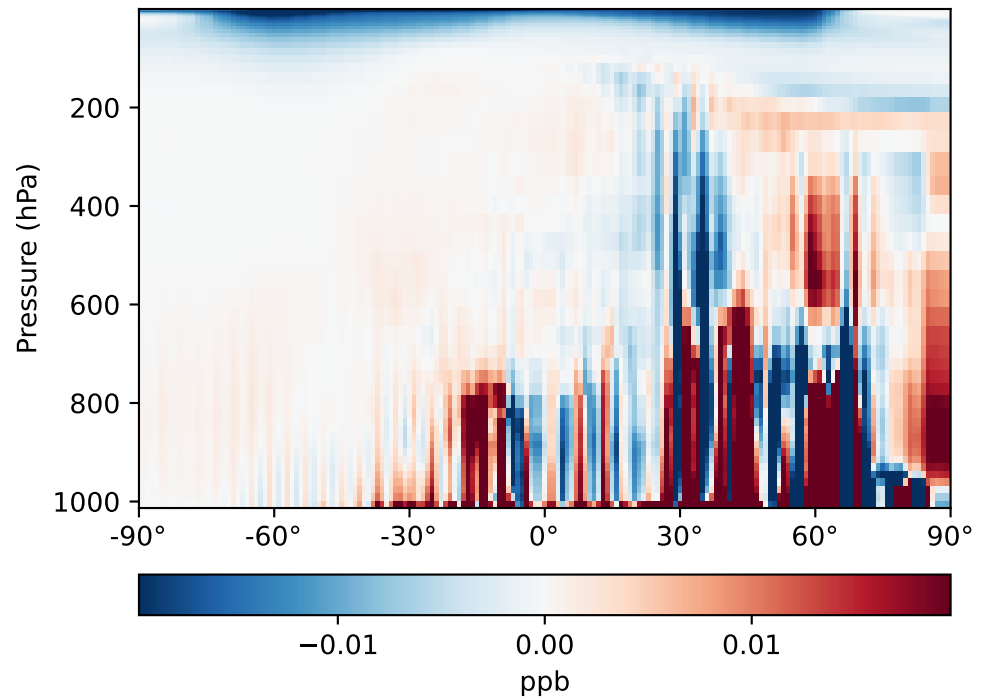
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



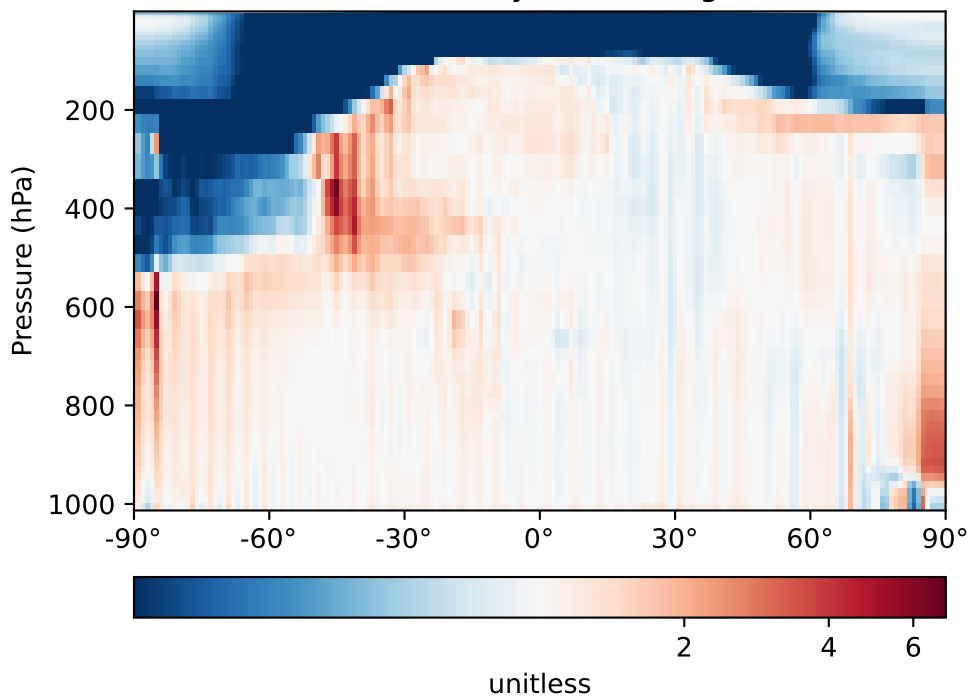
Difference (1x1.25)  
Dev - Ref, Dynamic Range



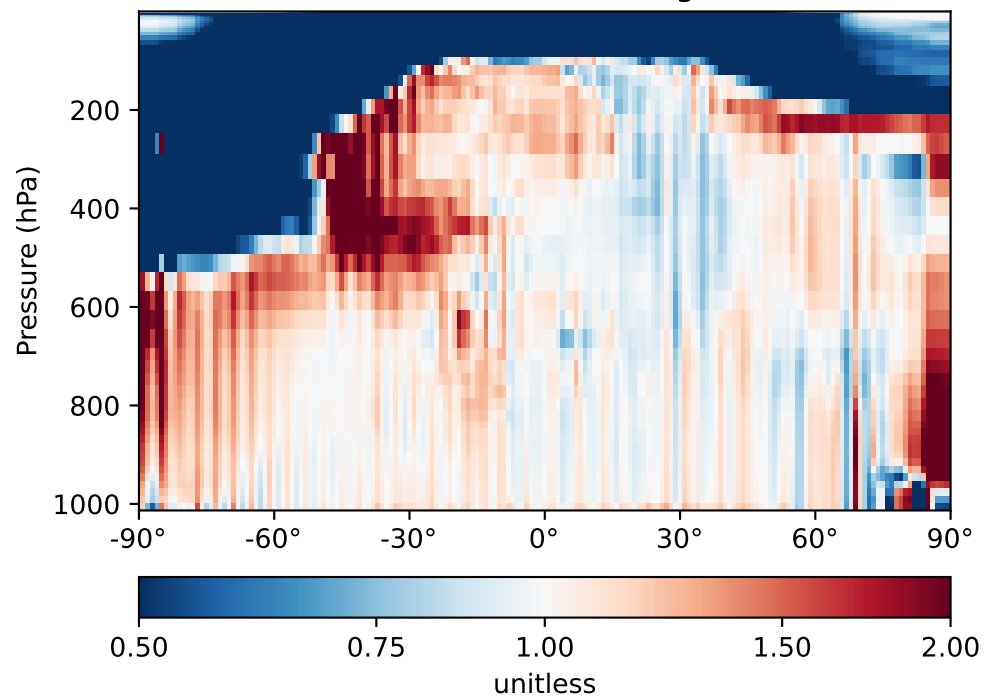
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

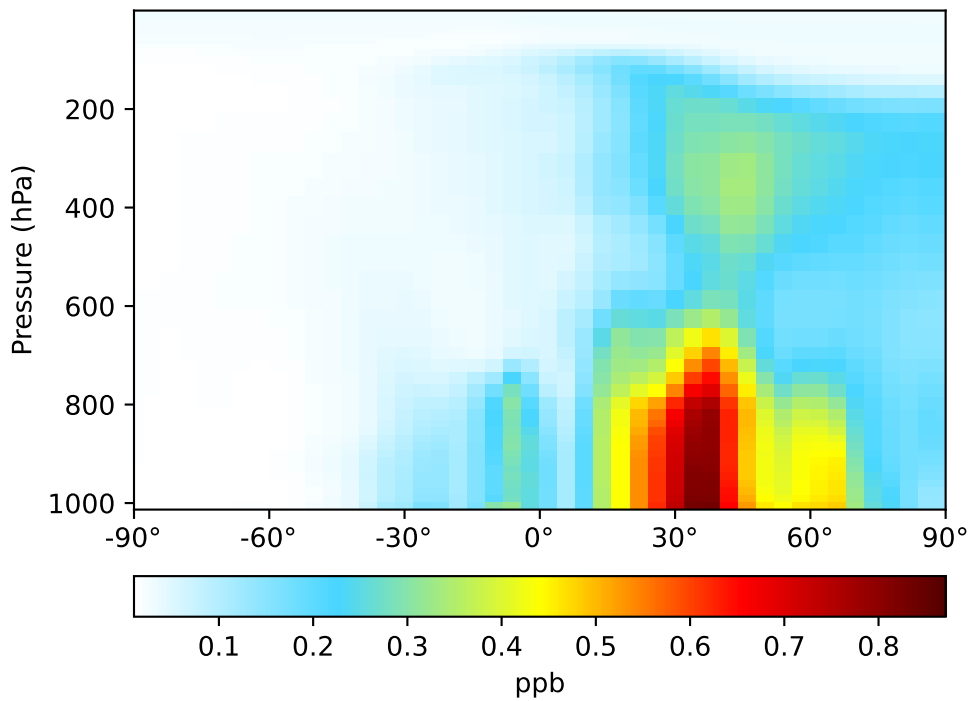


Ratio (1x1.25)  
Dev/Ref, Fixed Range

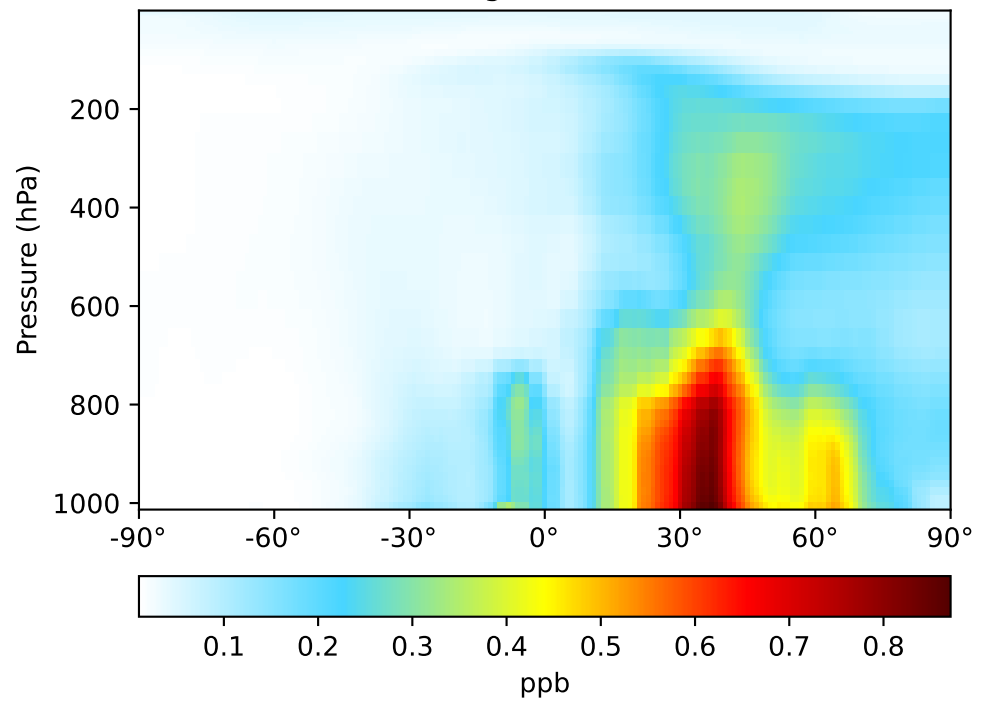


# SpeciesConcVV\_NH4, Zonal Mean

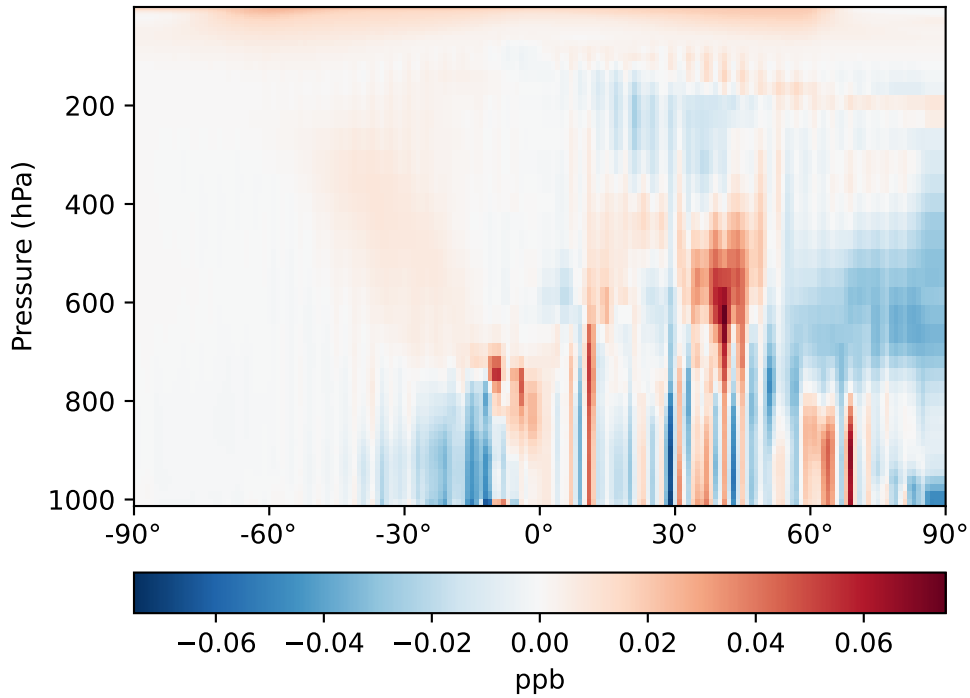
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



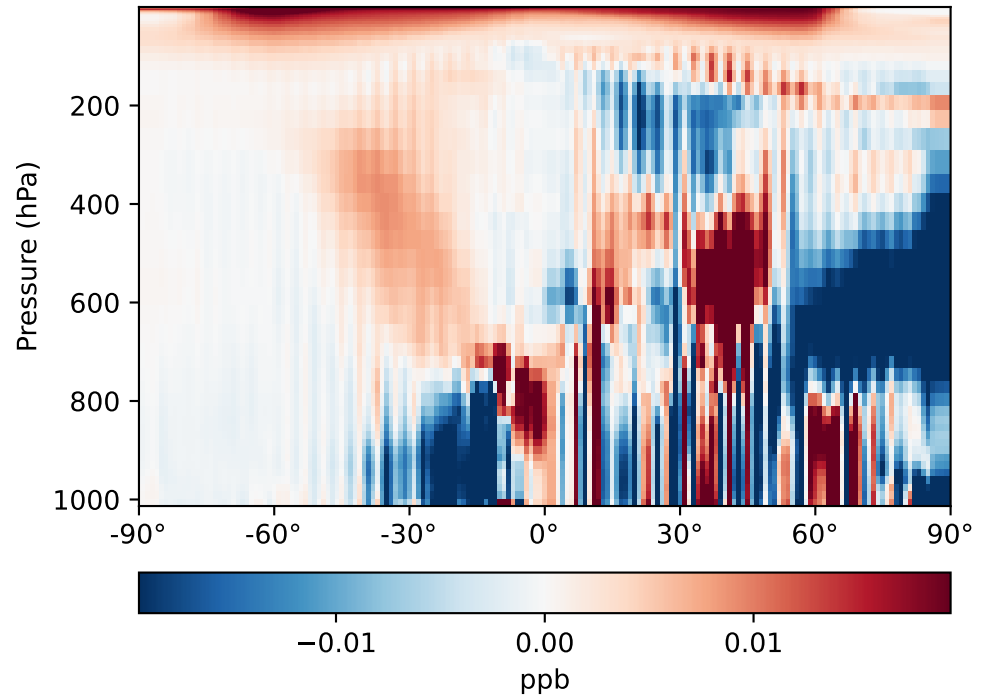
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regridged from c24



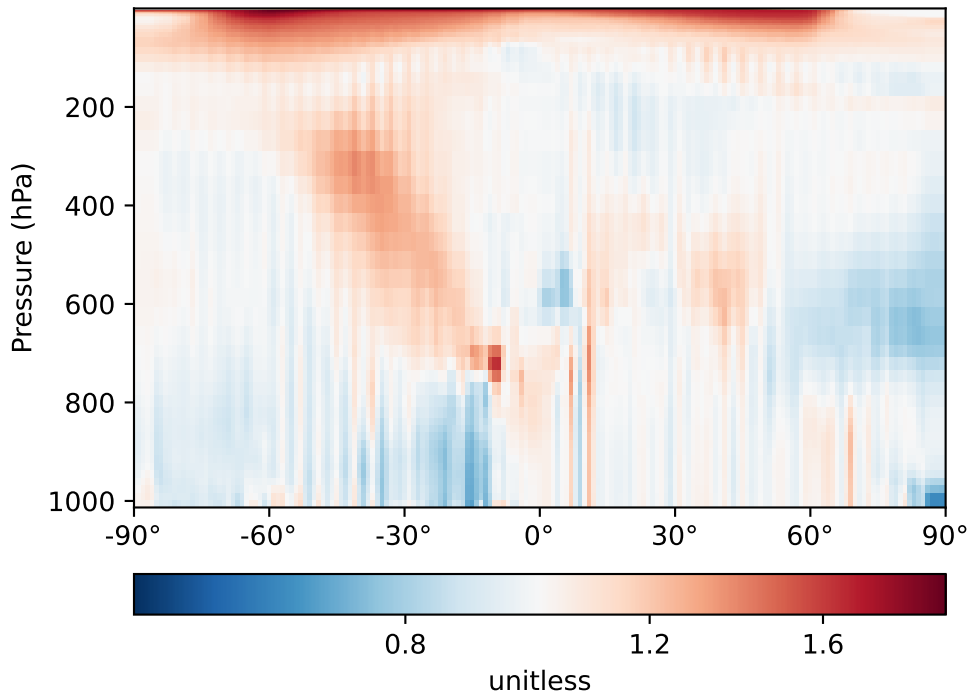
Difference (1x1.25)  
Dev - Ref, Dynamic Range



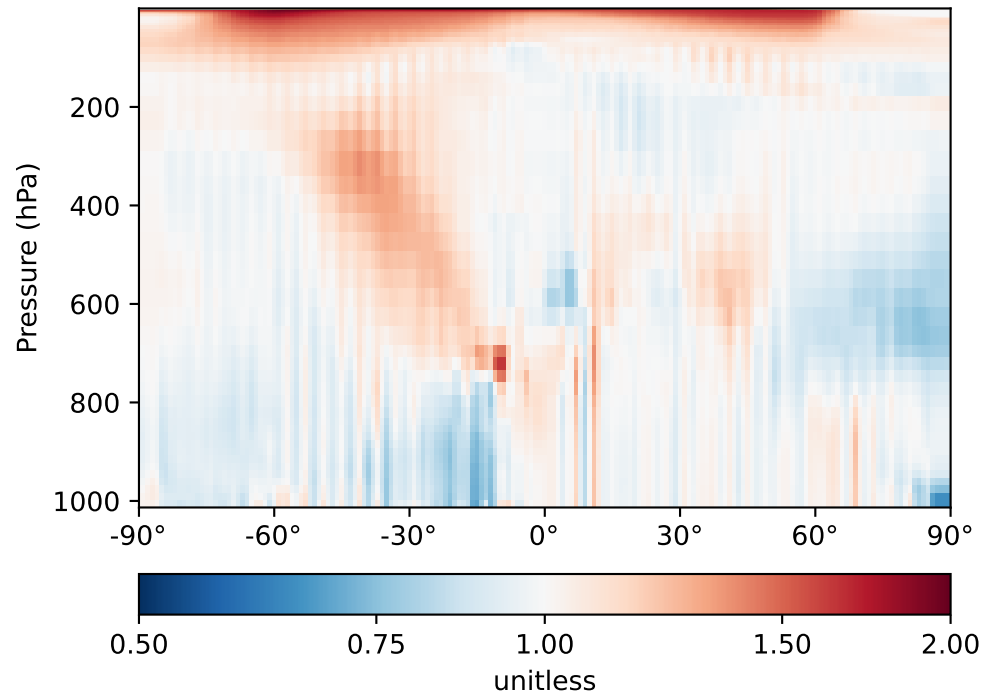
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

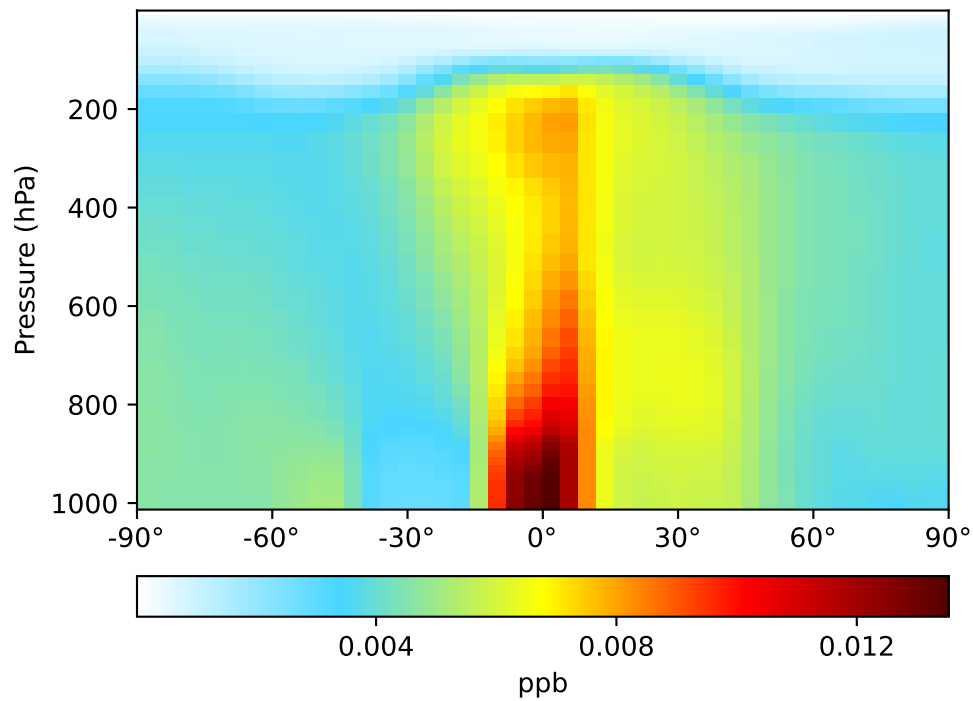


Ratio (1x1.25)  
Dev/Ref, Fixed Range

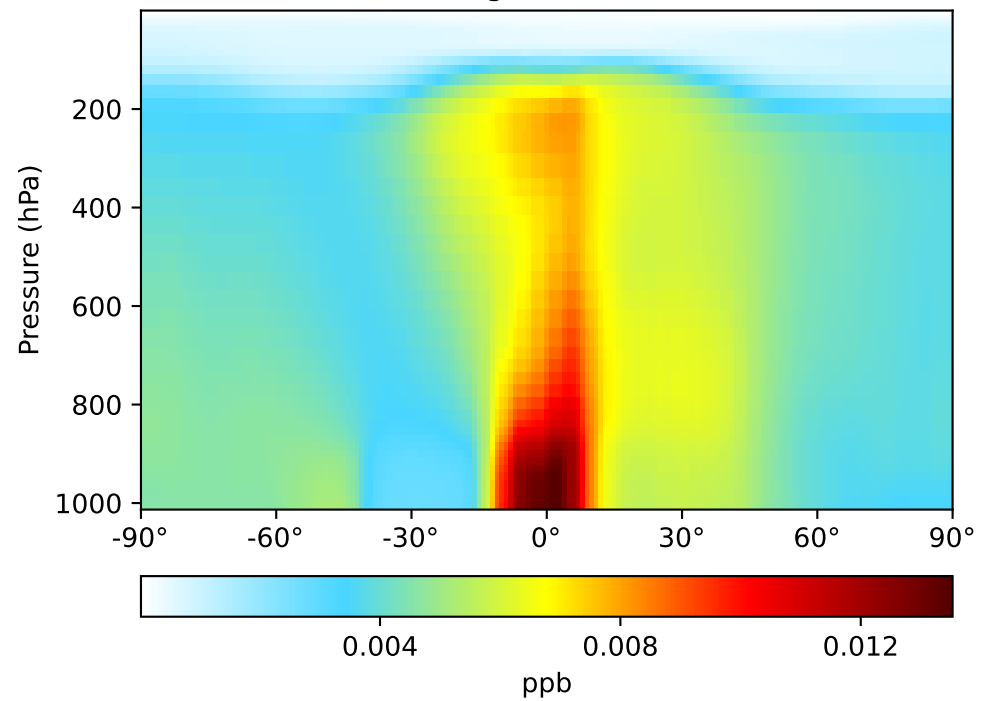


# SpeciesConcVV\_MENO3, Zonal Mean

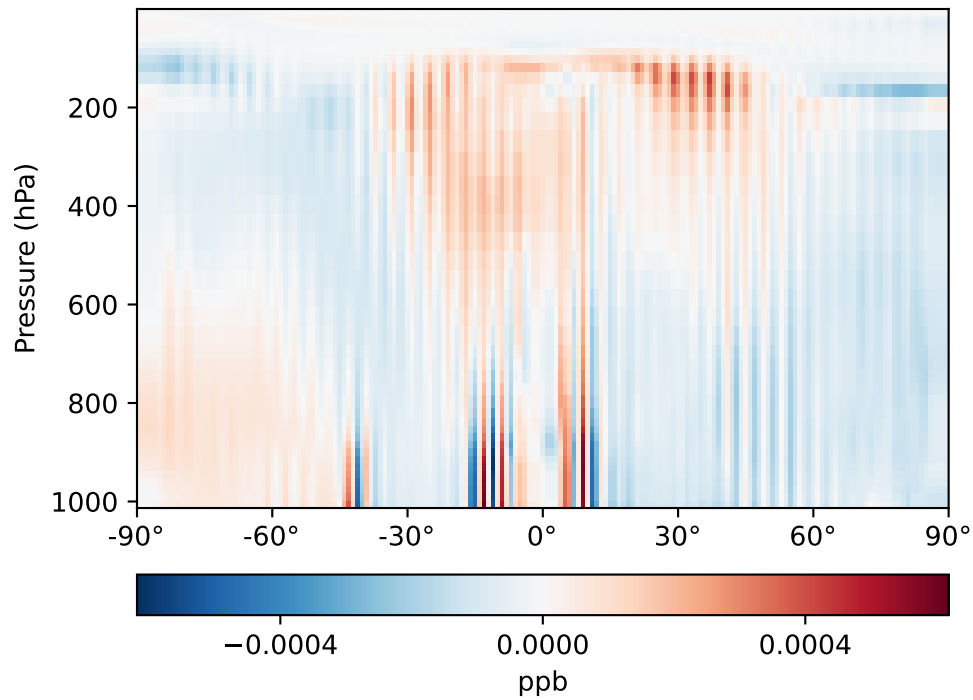
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



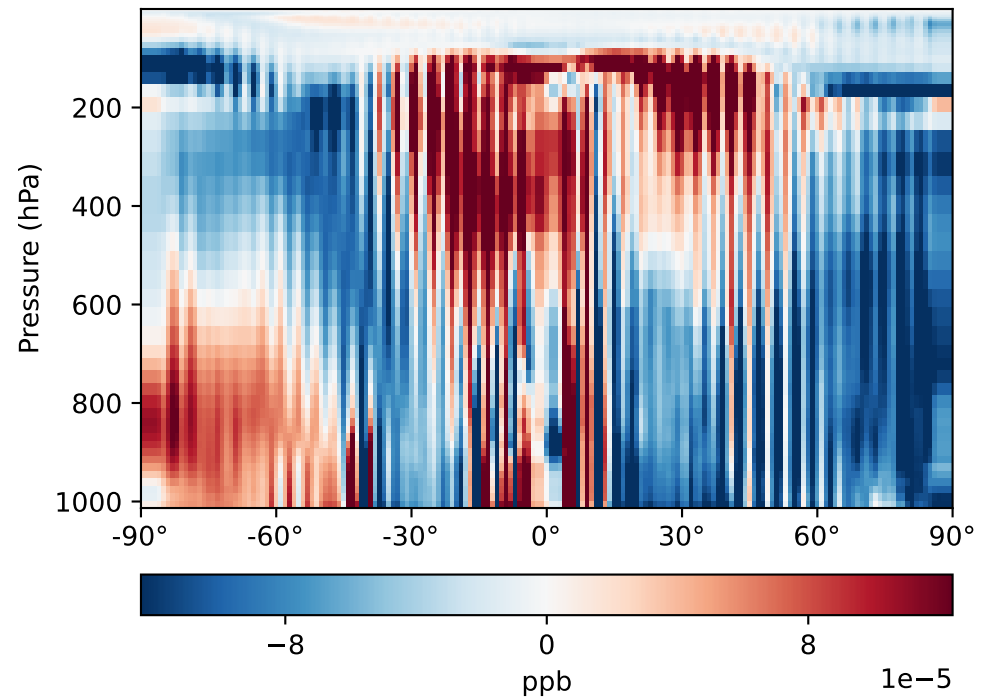
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



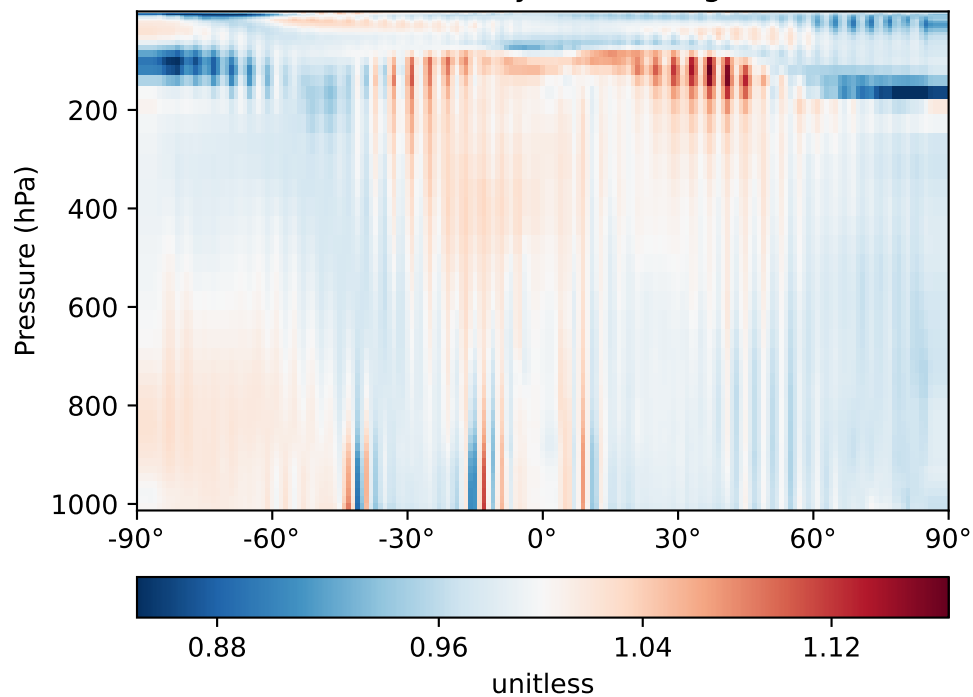
Difference (1x1.25)  
Dev - Ref, Dynamic Range



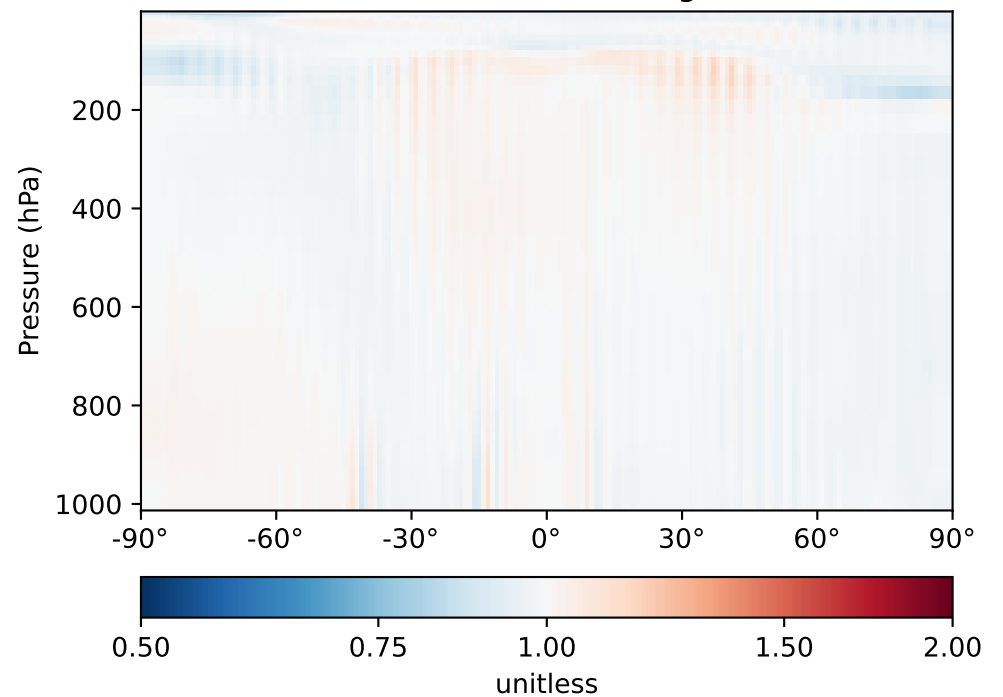
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

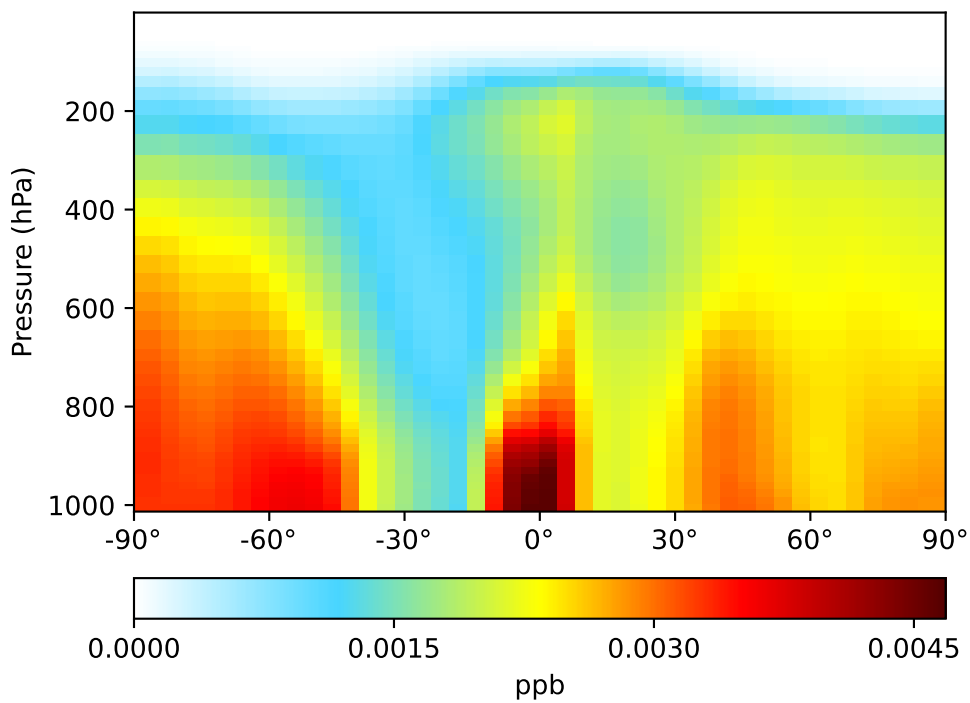


Ratio (1x1.25)  
Dev/Ref, Fixed Range

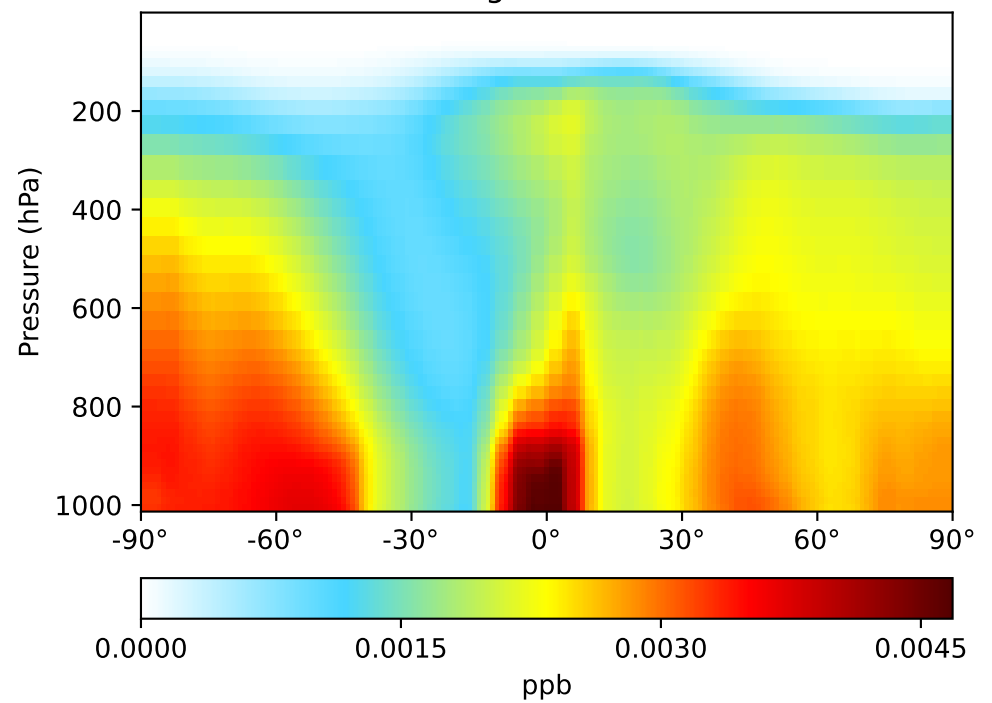


# SpeciesConcVV\_ETNO3, Zonal Mean

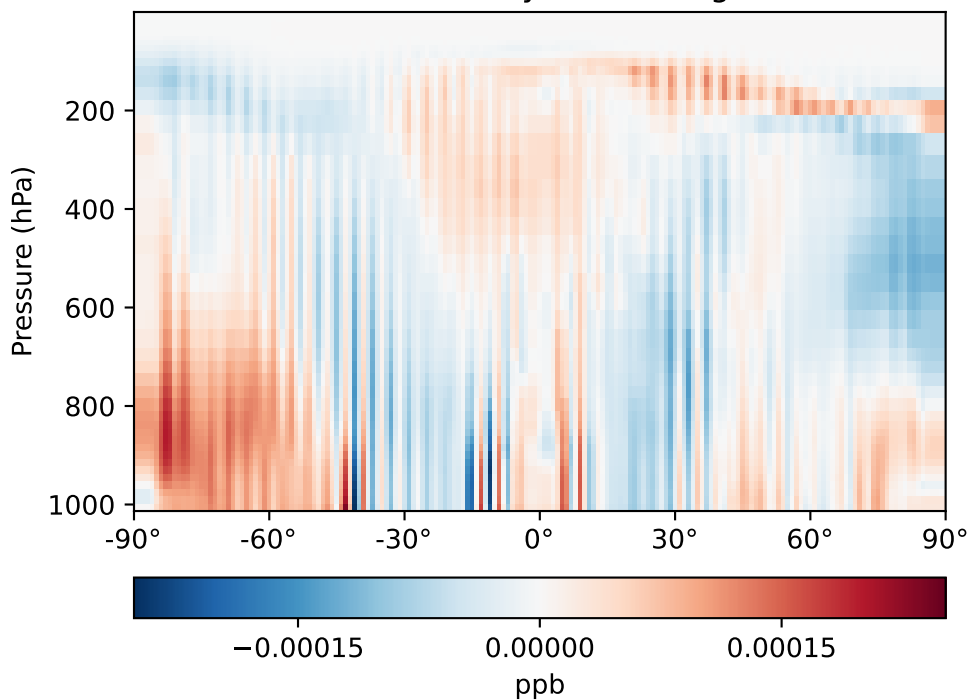
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



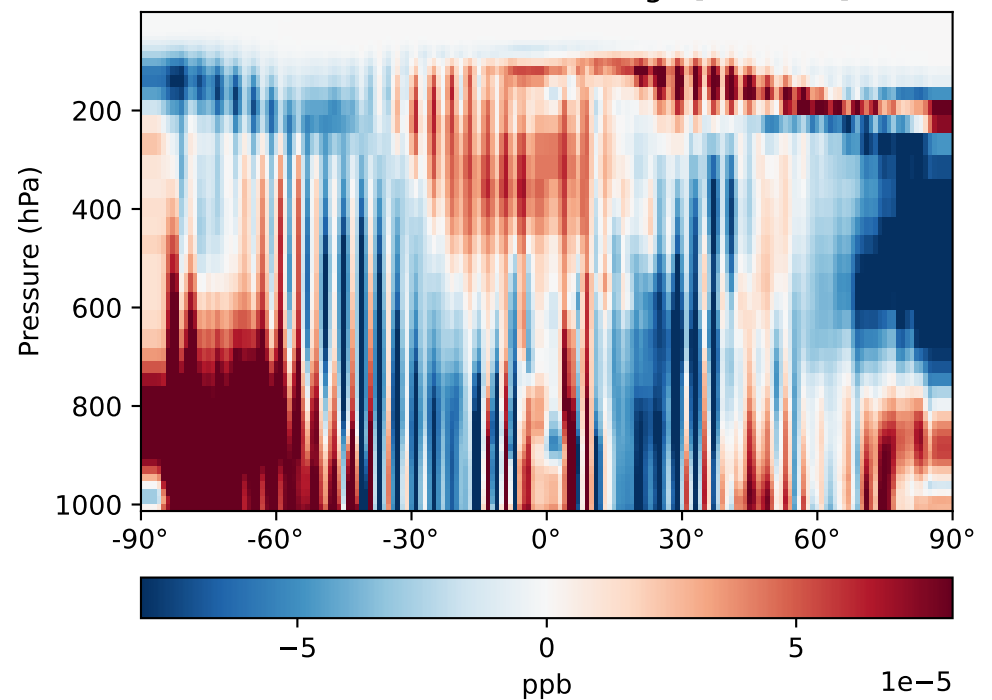
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



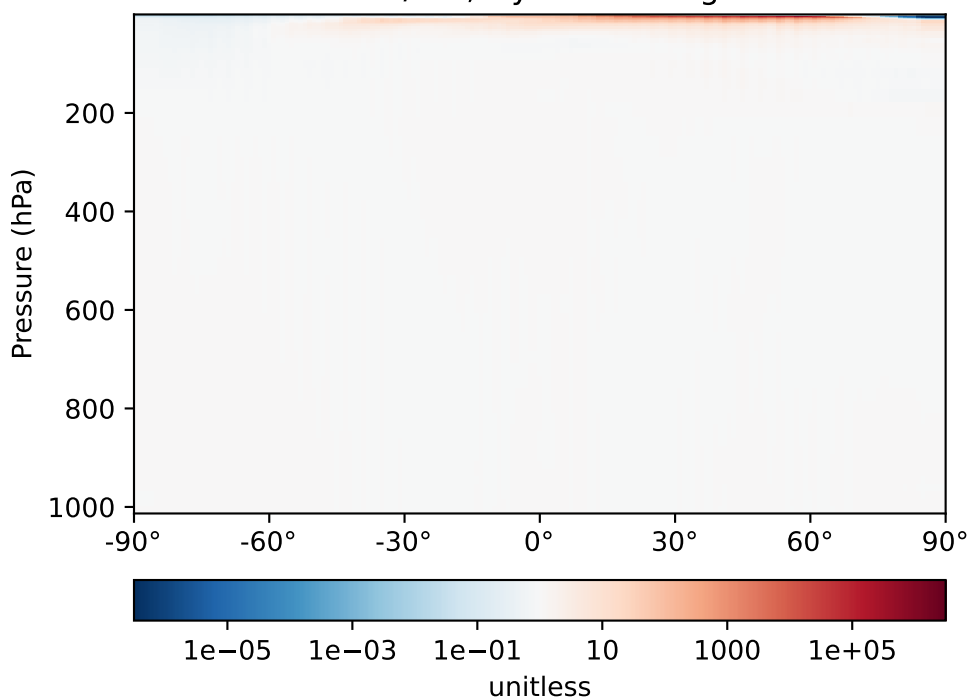
Difference (1x1.25)  
Dev - Ref, Dynamic Range



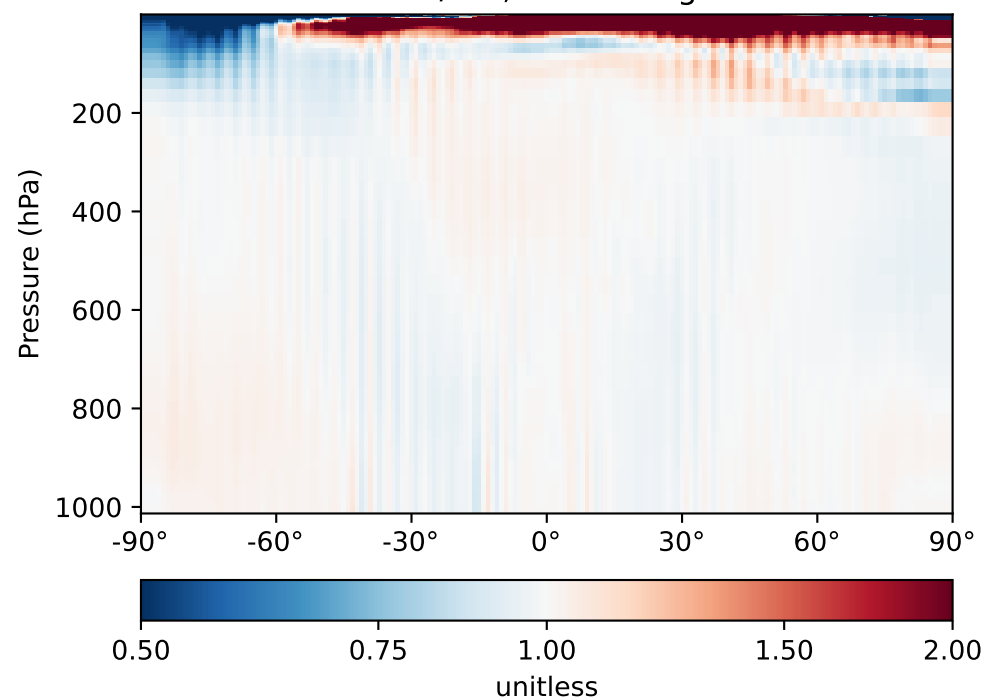
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

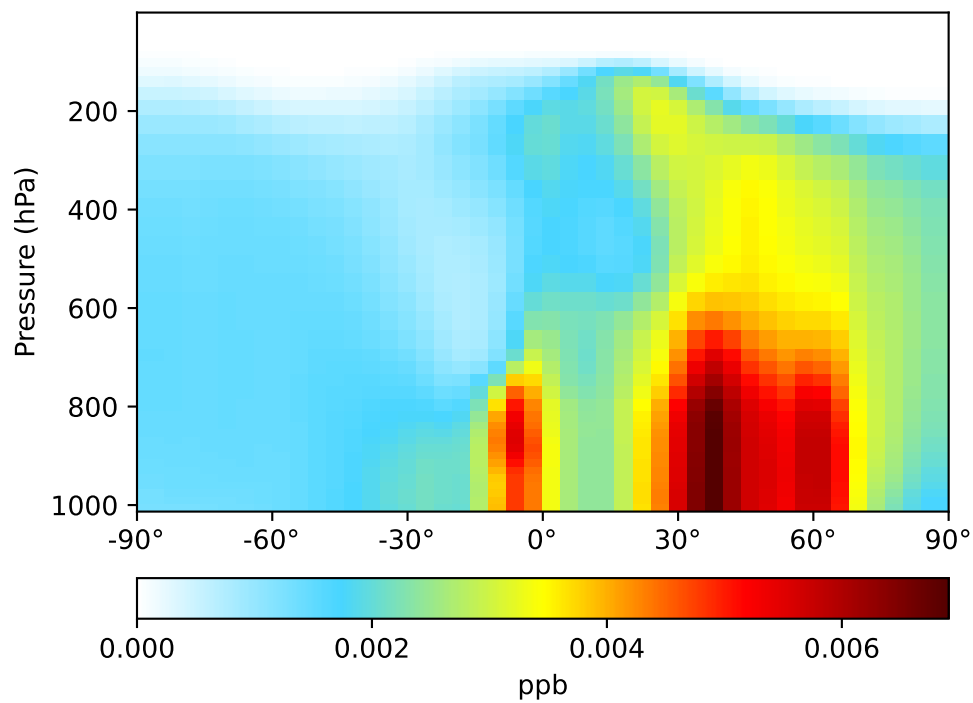


Ratio (1x1.25)  
Dev/Ref, Fixed Range

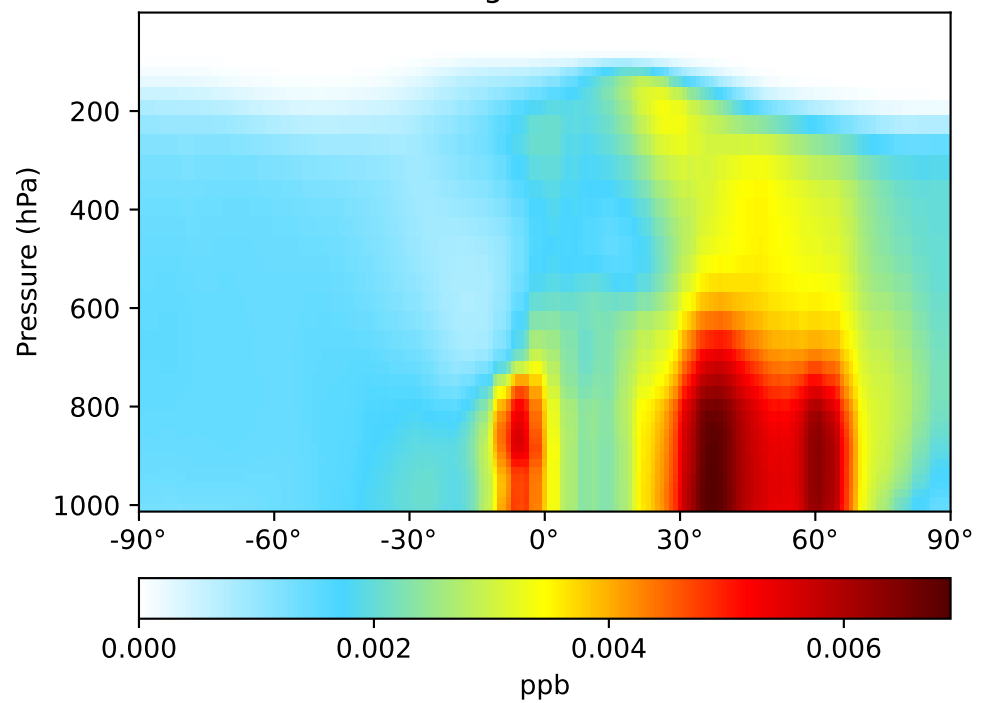


# SpeciesConcVV\_IPRNO3, Zonal Mean

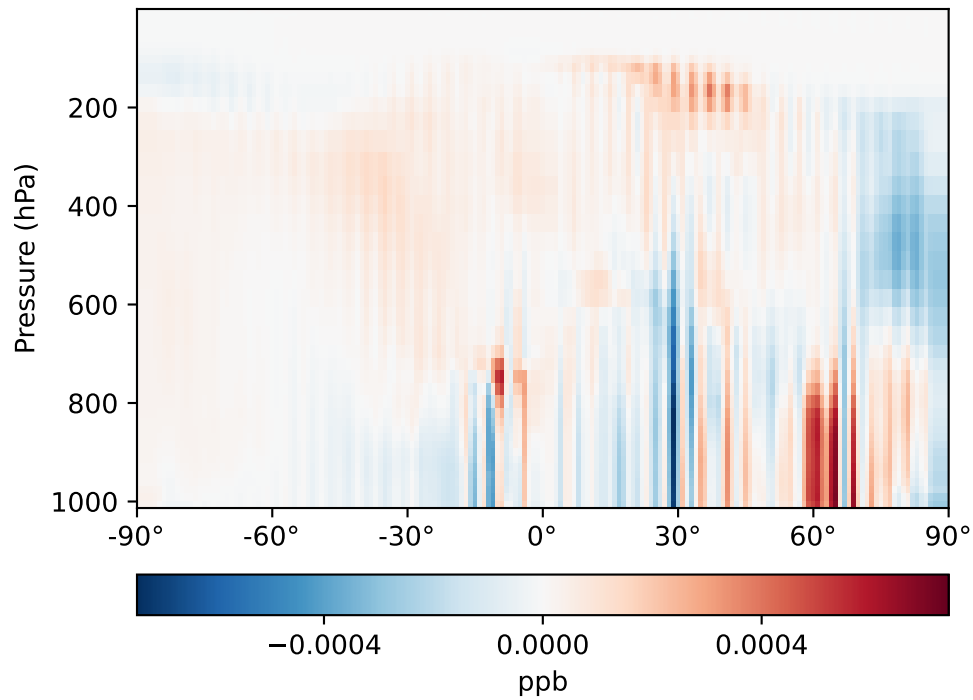
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



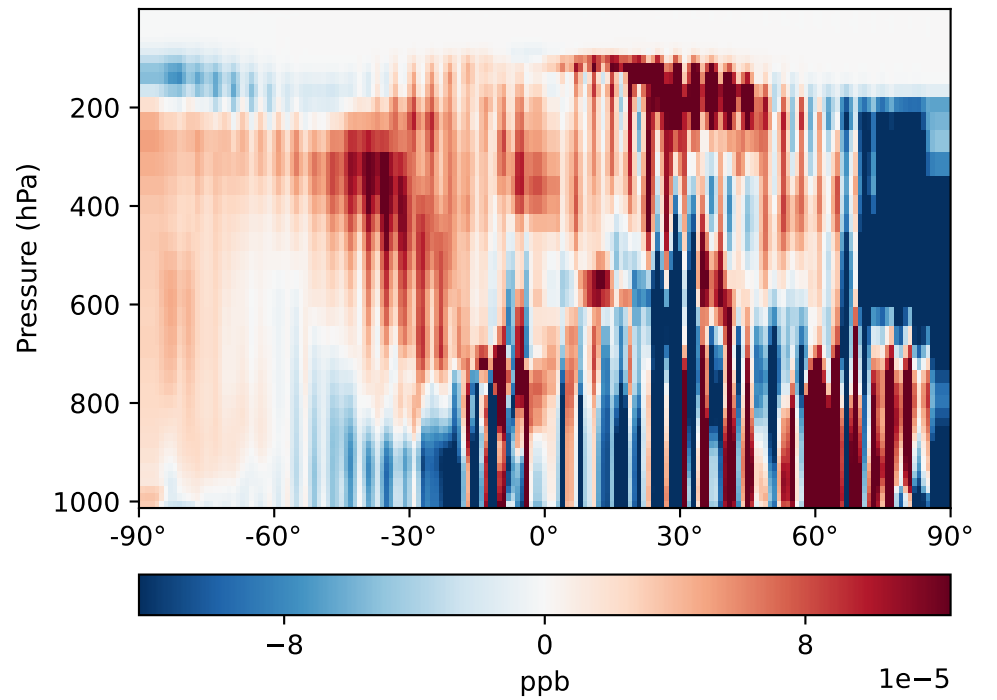
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



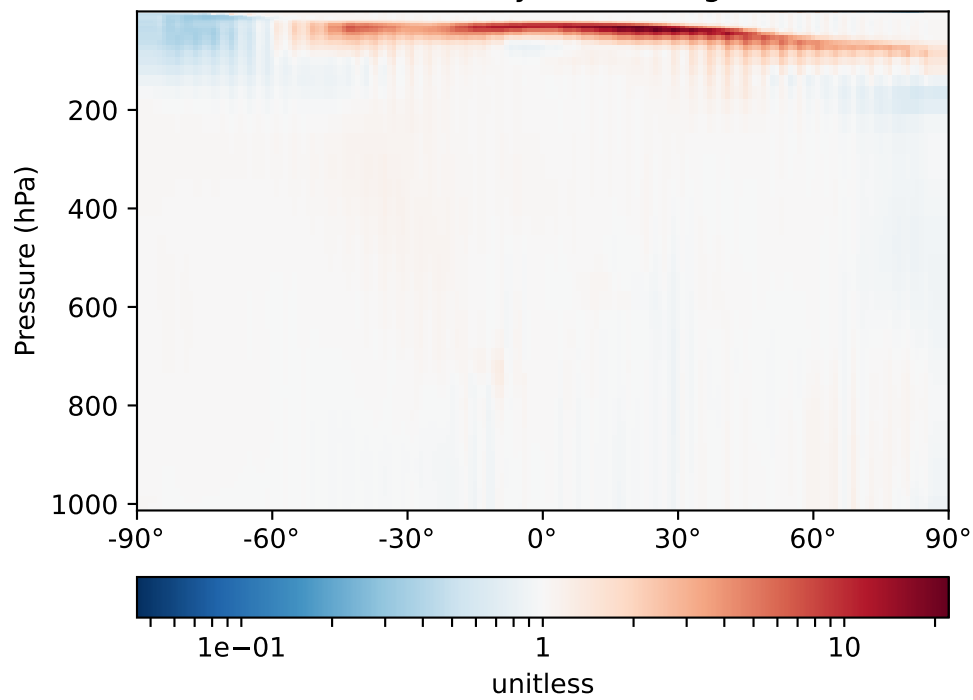
Difference (1x1.25)  
Dev - Ref, Dynamic Range



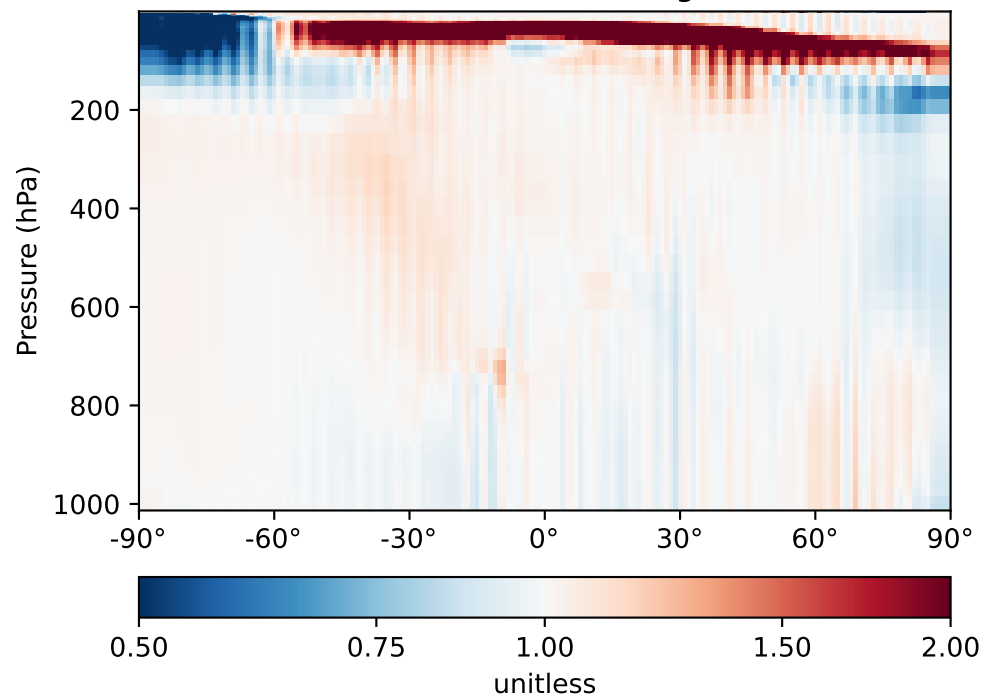
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

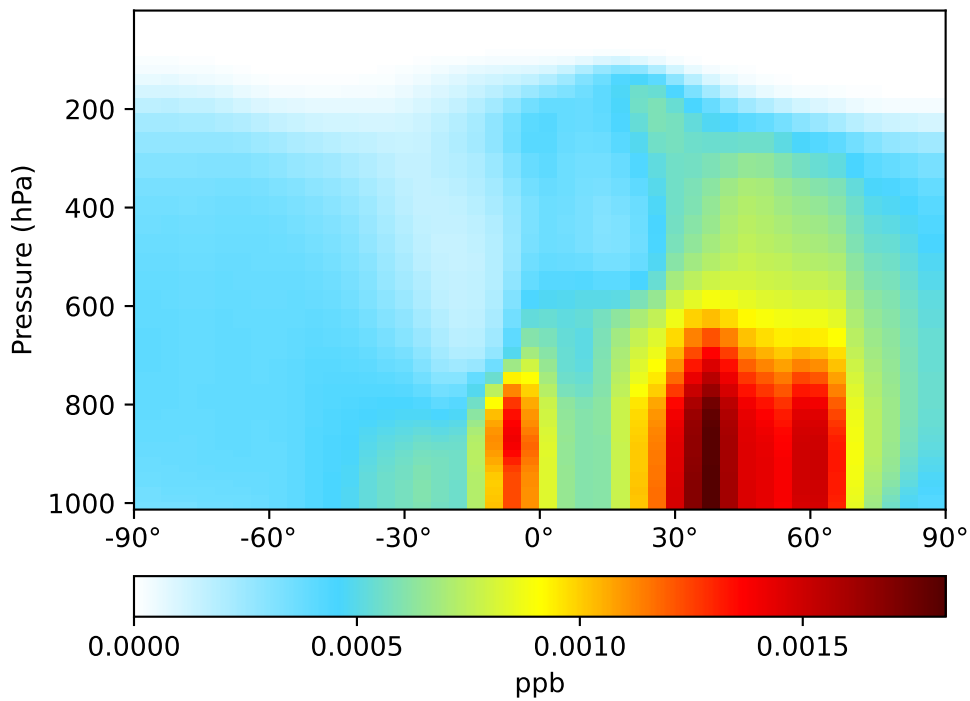


Ratio (1x1.25)  
Dev/Ref, Fixed Range

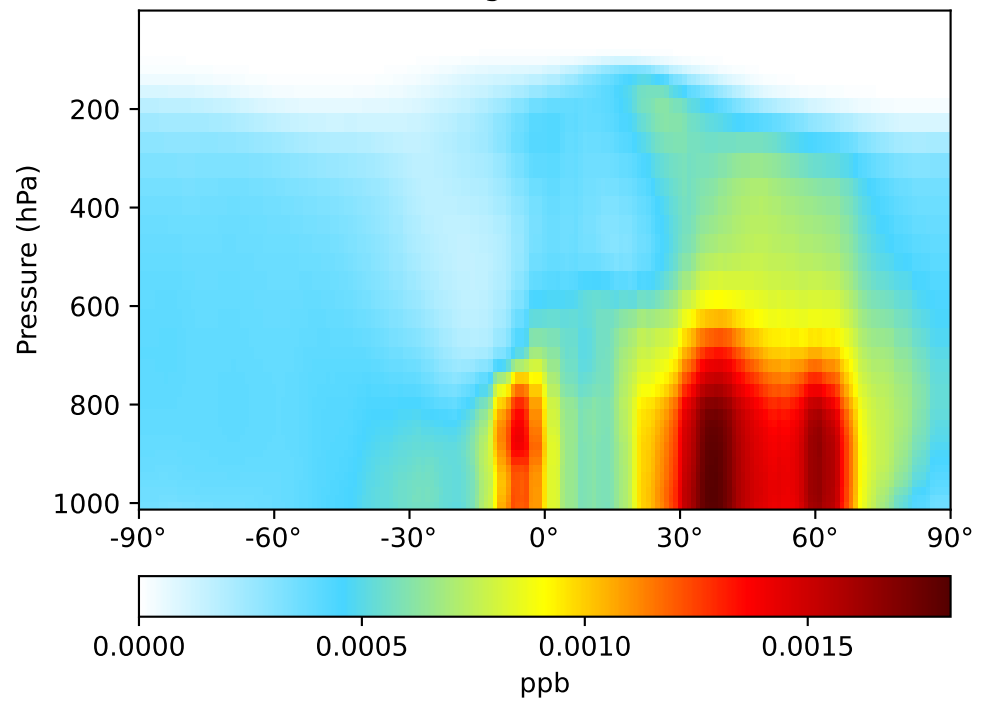


# SpeciesConcVV\_NPRNO3, Zonal Mean

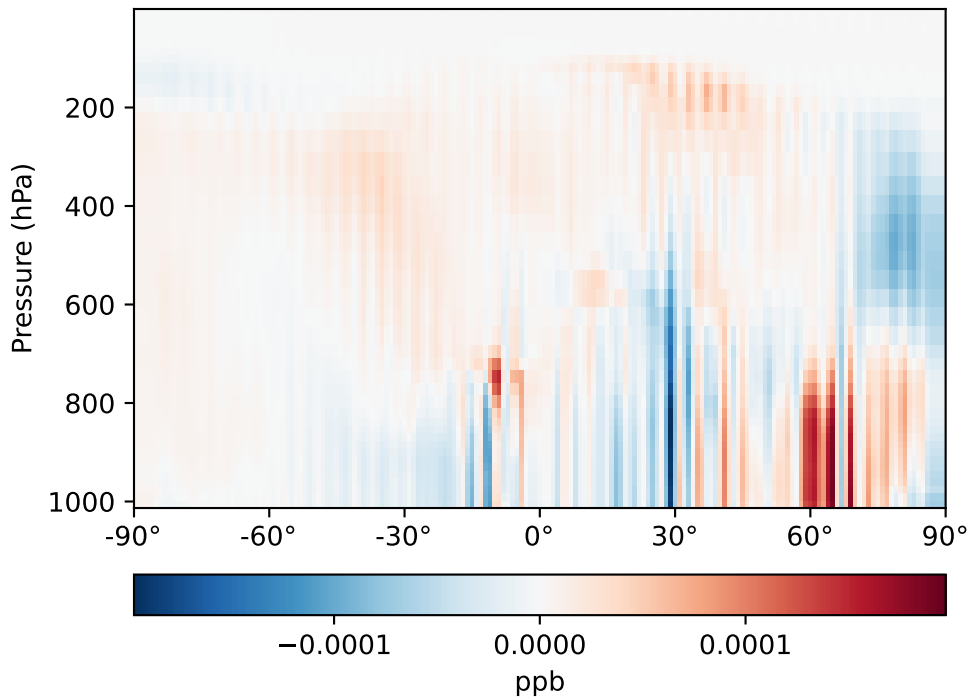
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



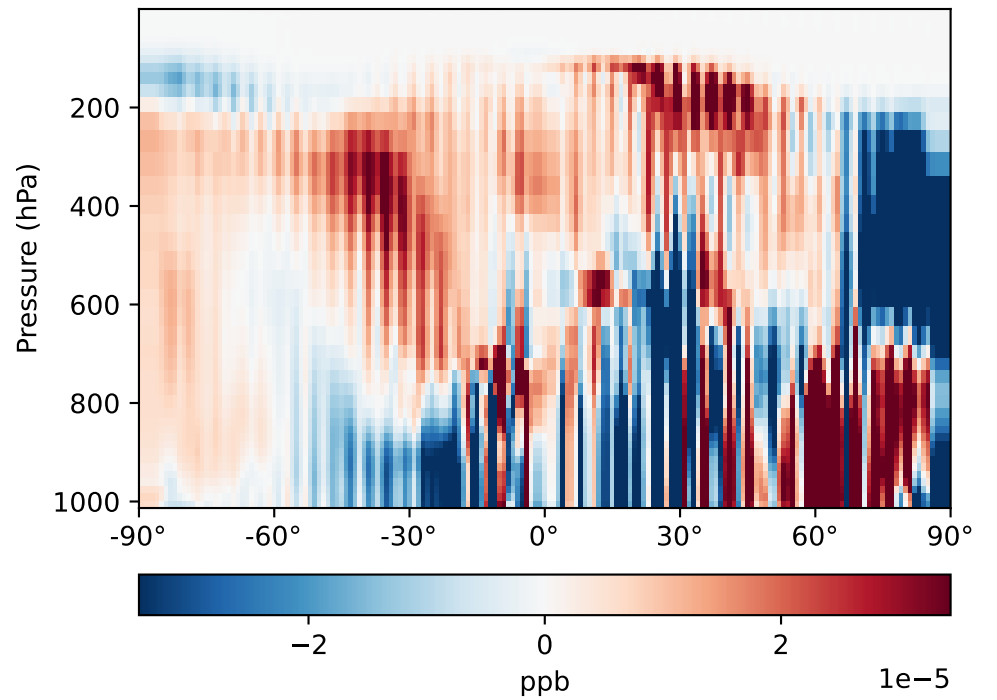
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



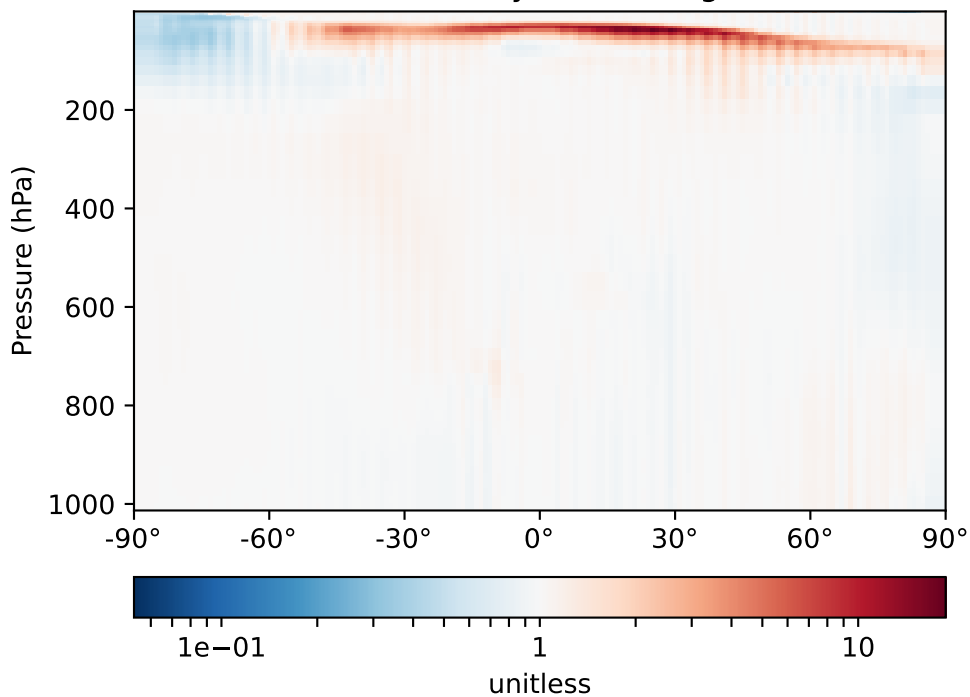
Difference (1x1.25)  
Dev - Ref, Dynamic Range



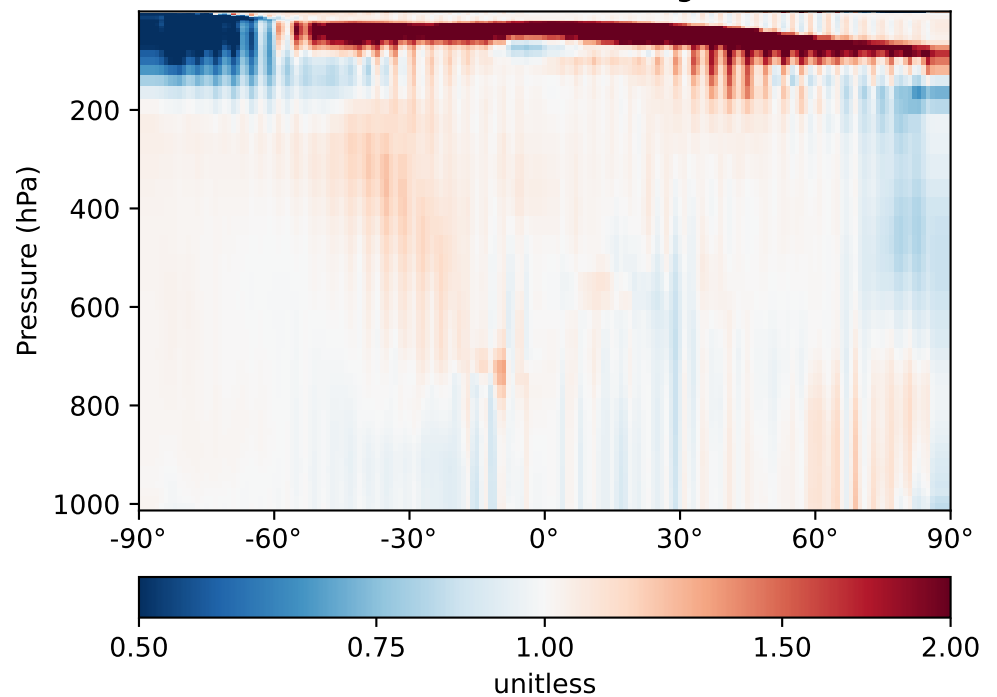
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

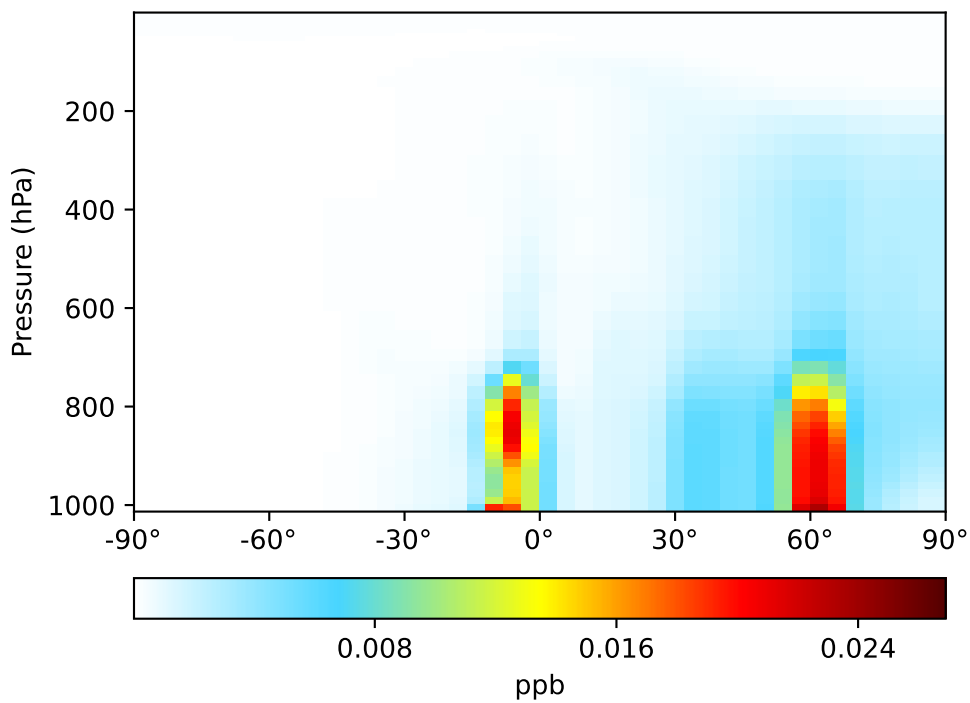


Ratio (1x1.25)  
Dev/Ref, Fixed Range

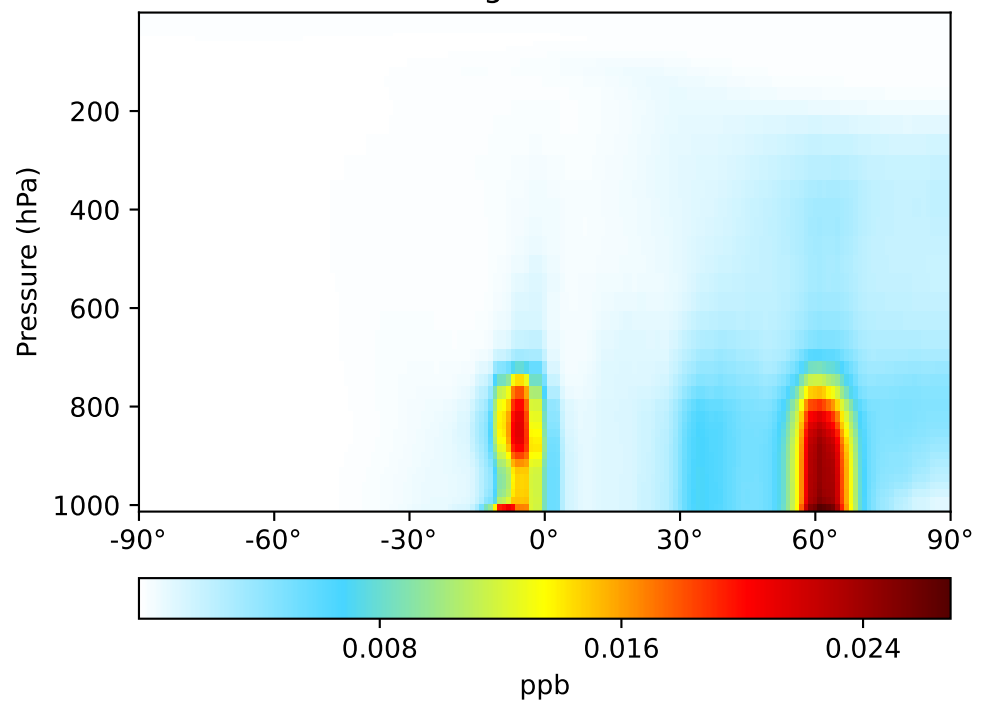


# SpeciesConcVV\_AONITA, Zonal Mean

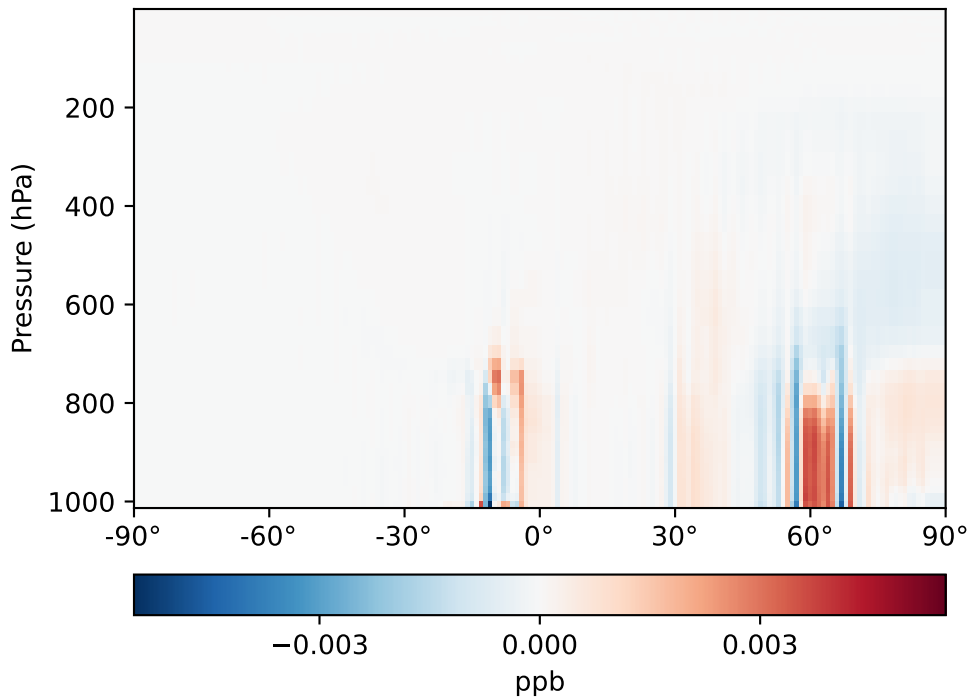
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



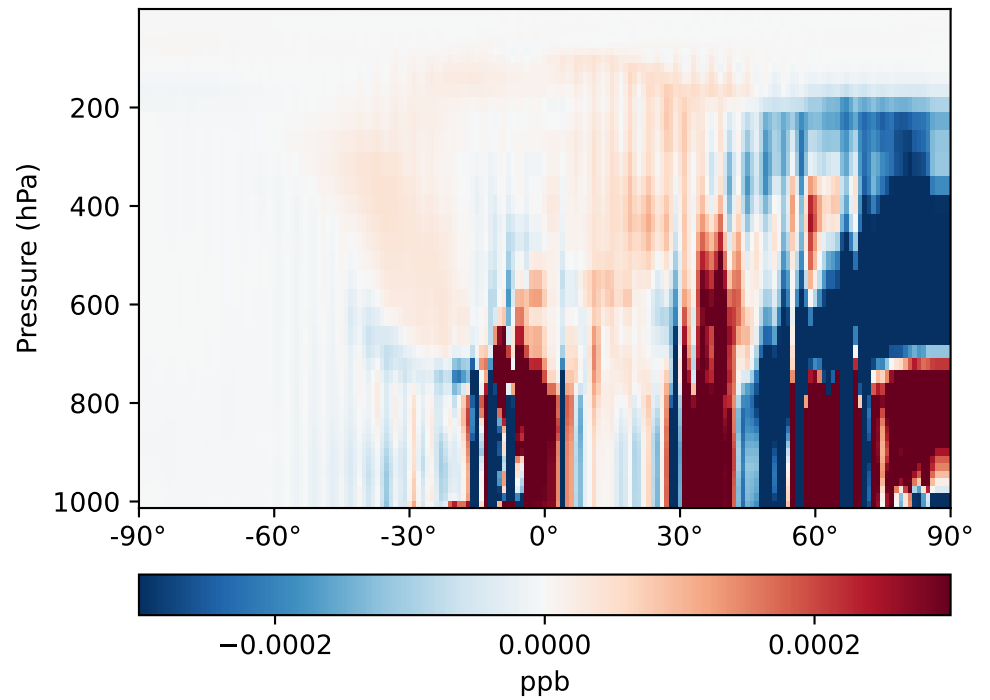
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



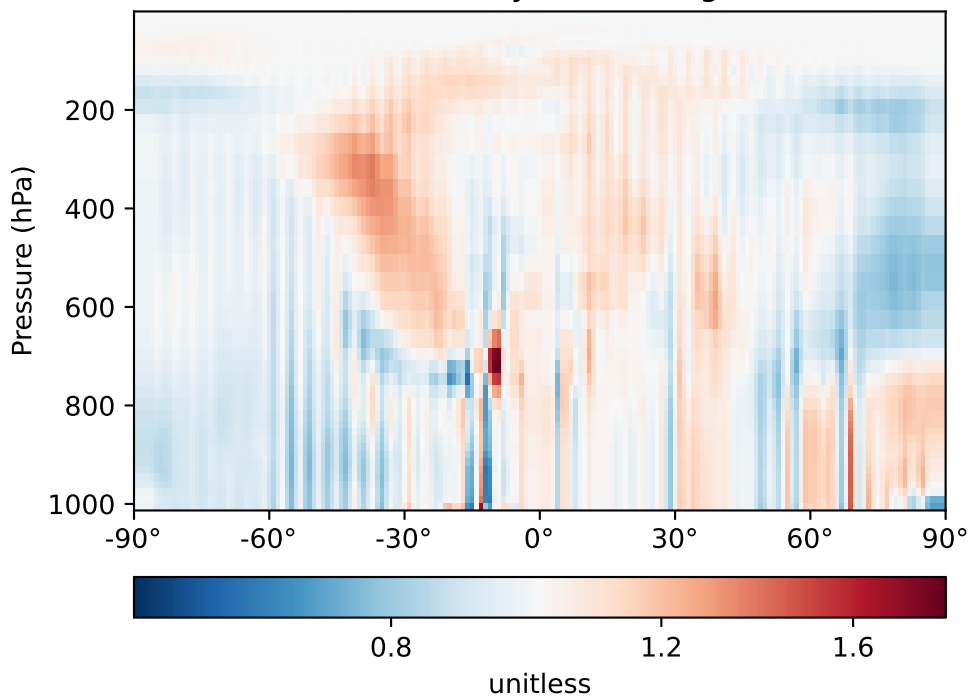
Difference (1x1.25)  
Dev - Ref, Dynamic Range



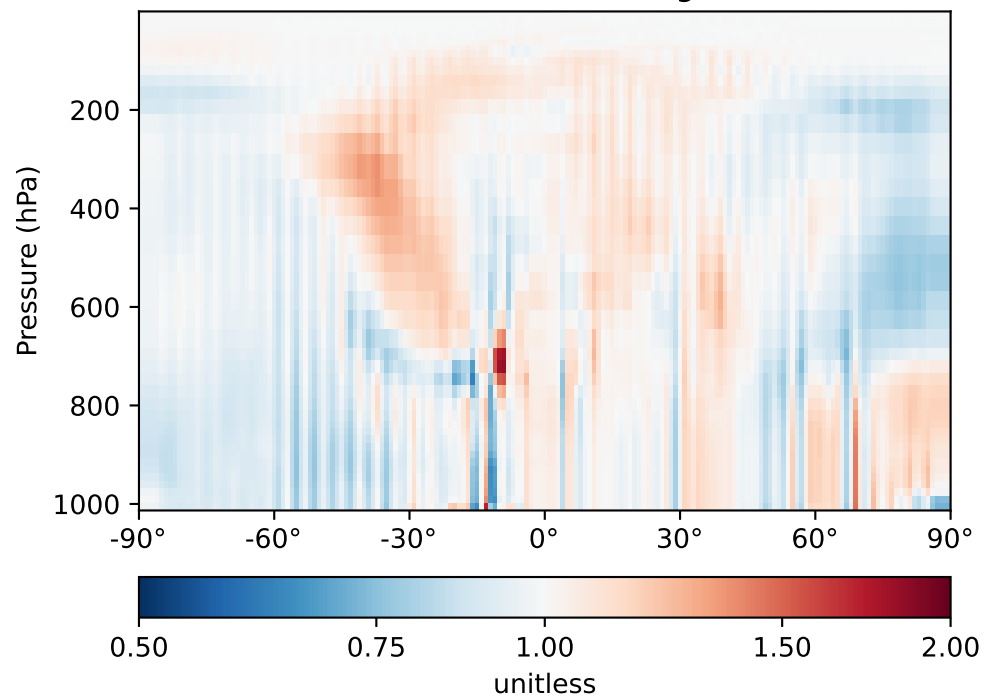
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

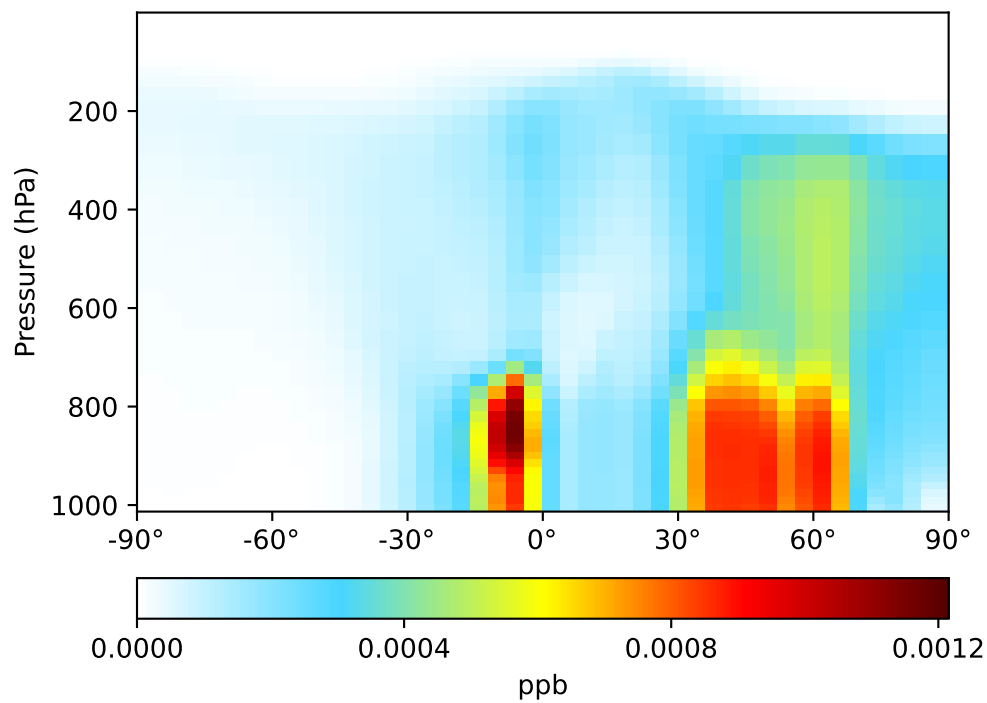


Ratio (1x1.25)  
Dev/Ref, Fixed Range

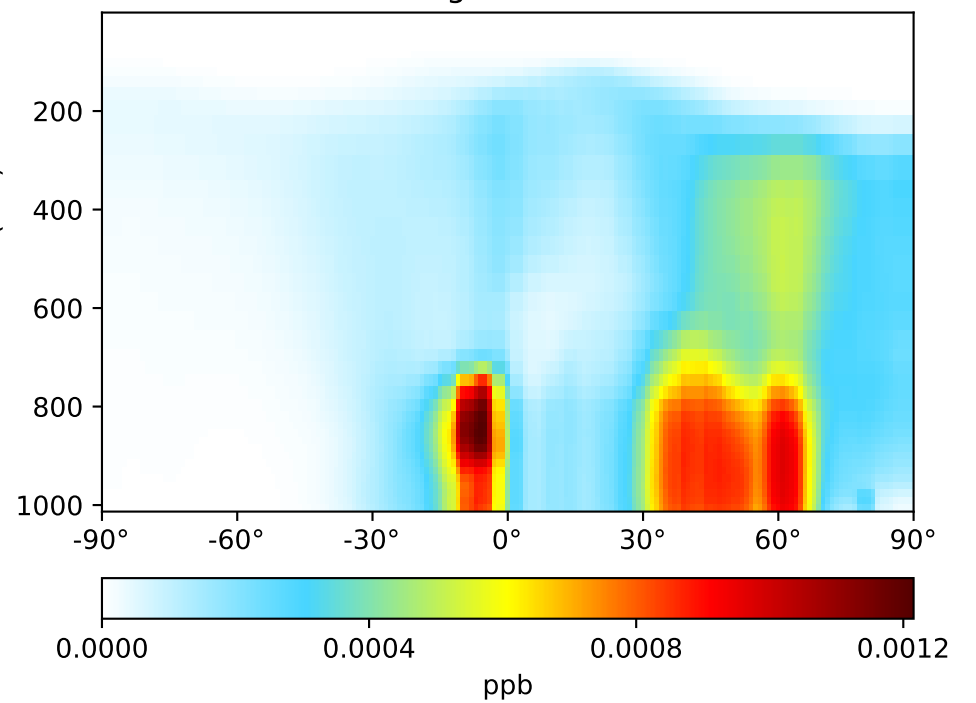


# SpeciesConcVV\_ETHN, Zonal Mean

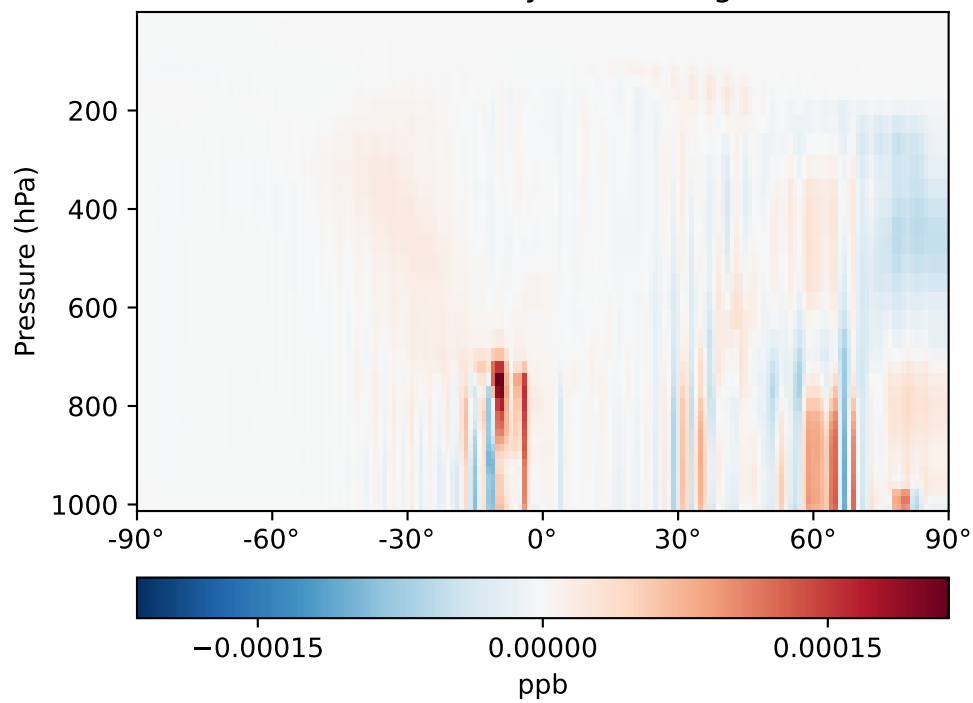
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



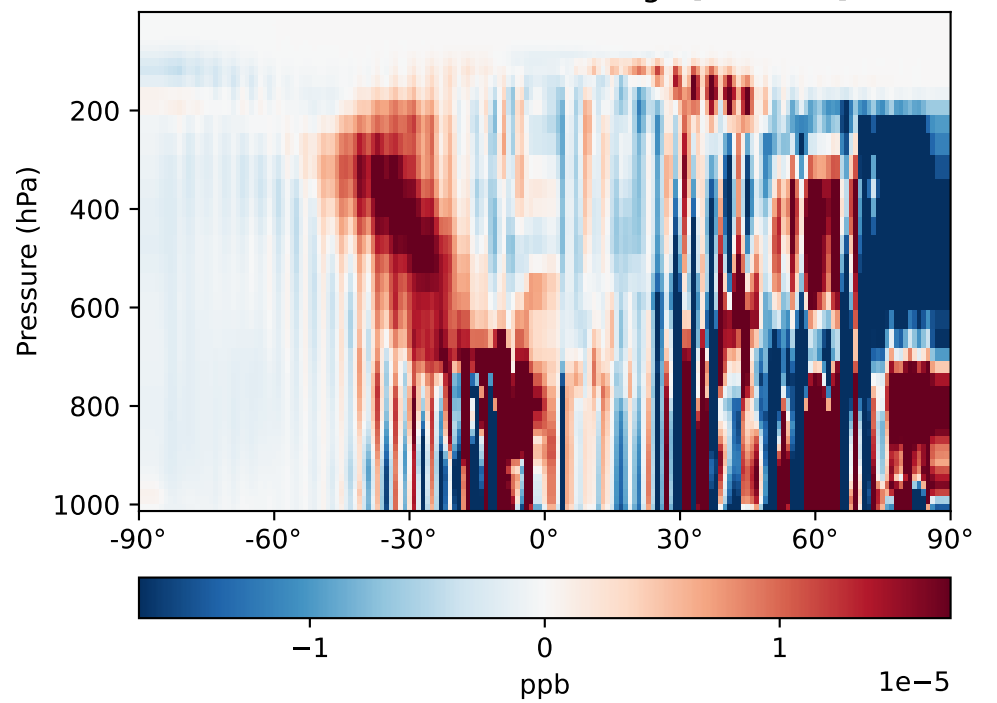
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



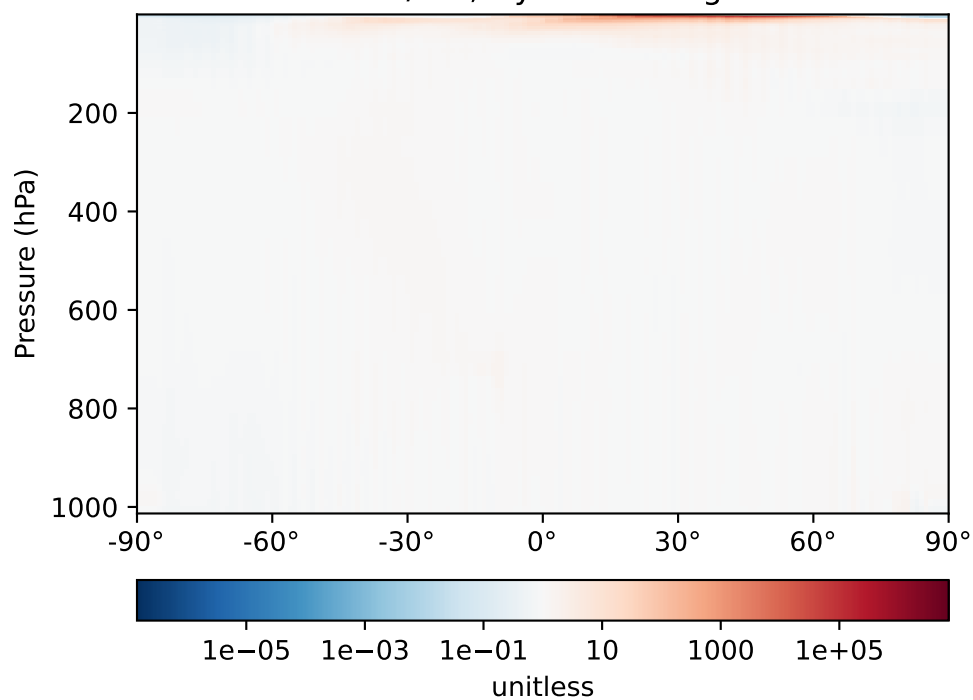
Difference (1x1.25)  
Dev - Ref, Dynamic Range



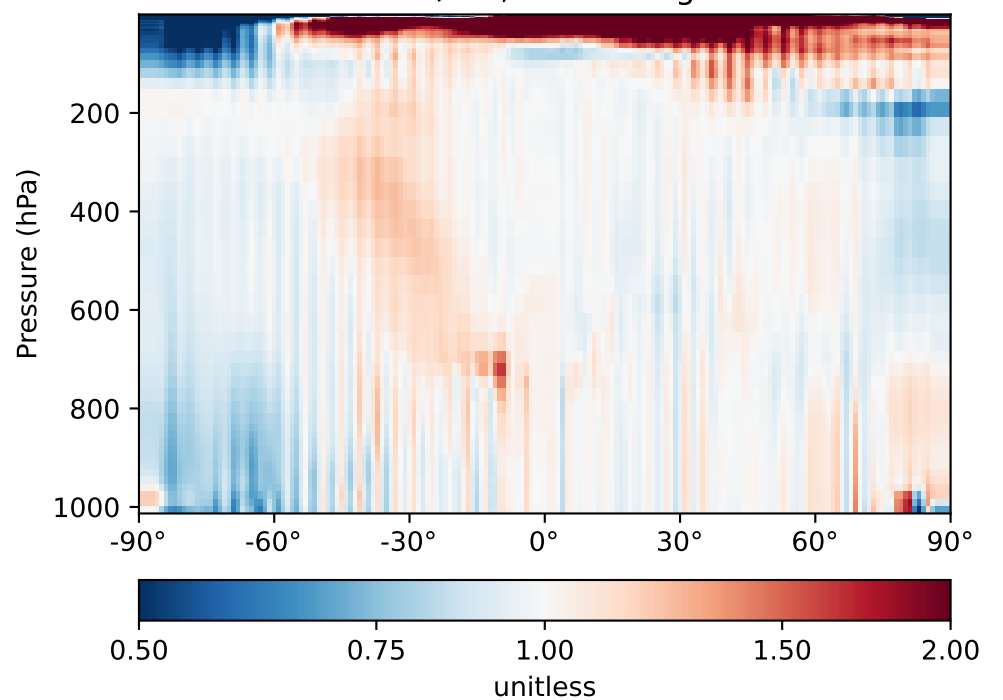
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



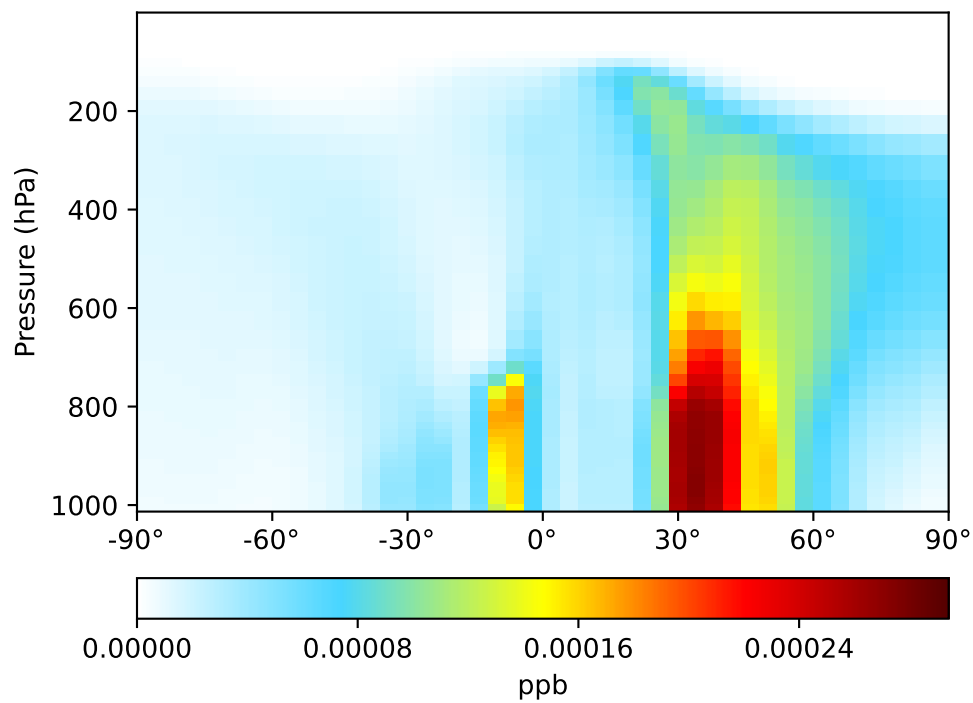
Ratio (1x1.25)  
Dev/Ref, Fixed Range



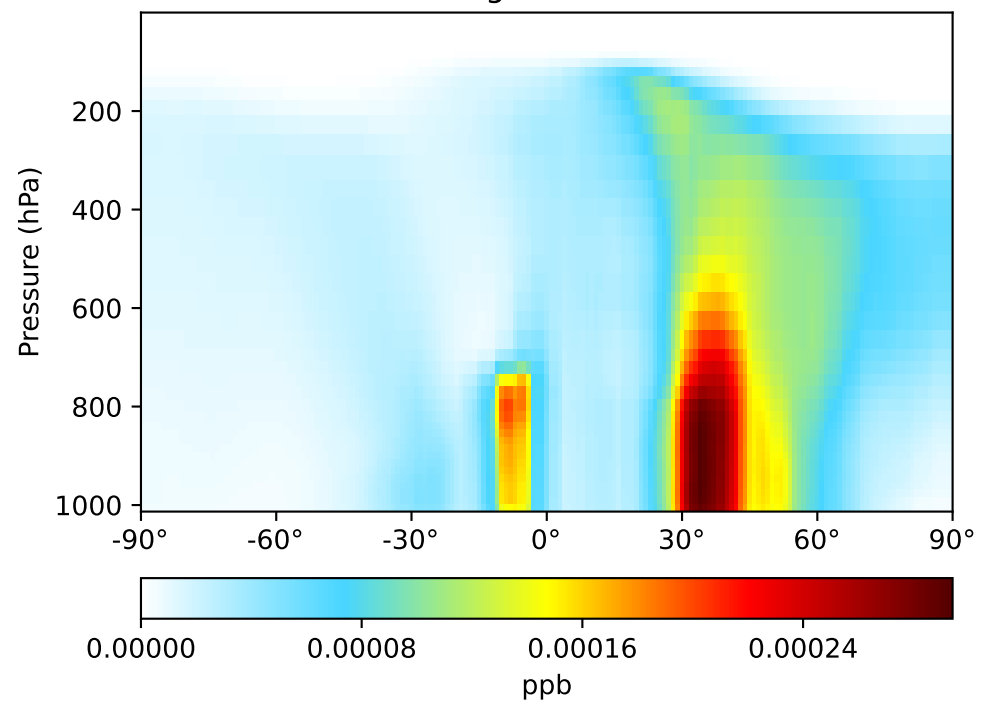


# SpeciesConcVV\_BZPAN, Zonal Mean

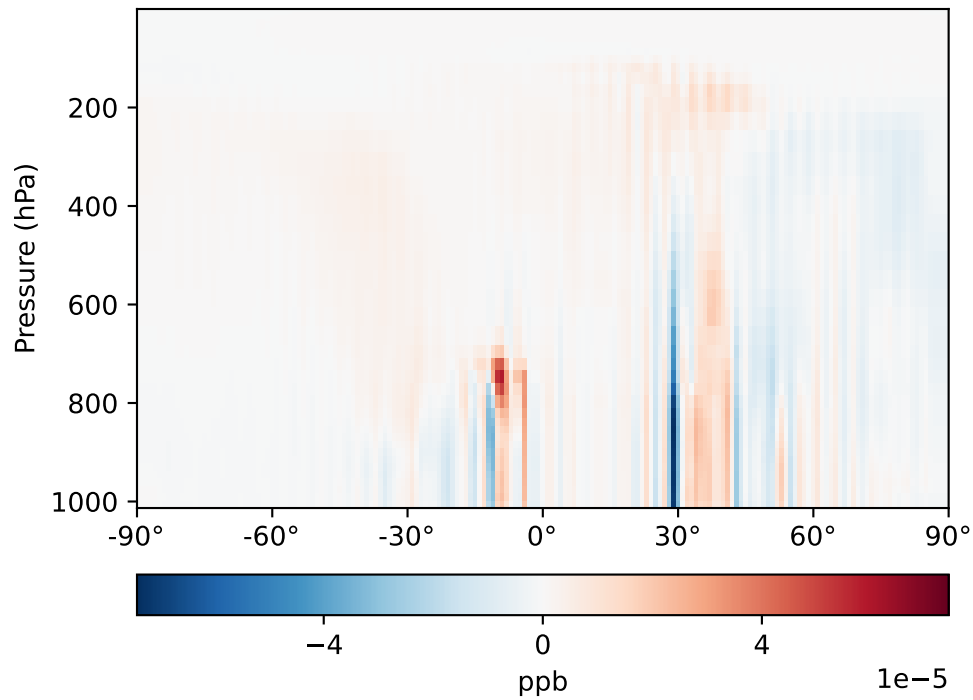
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



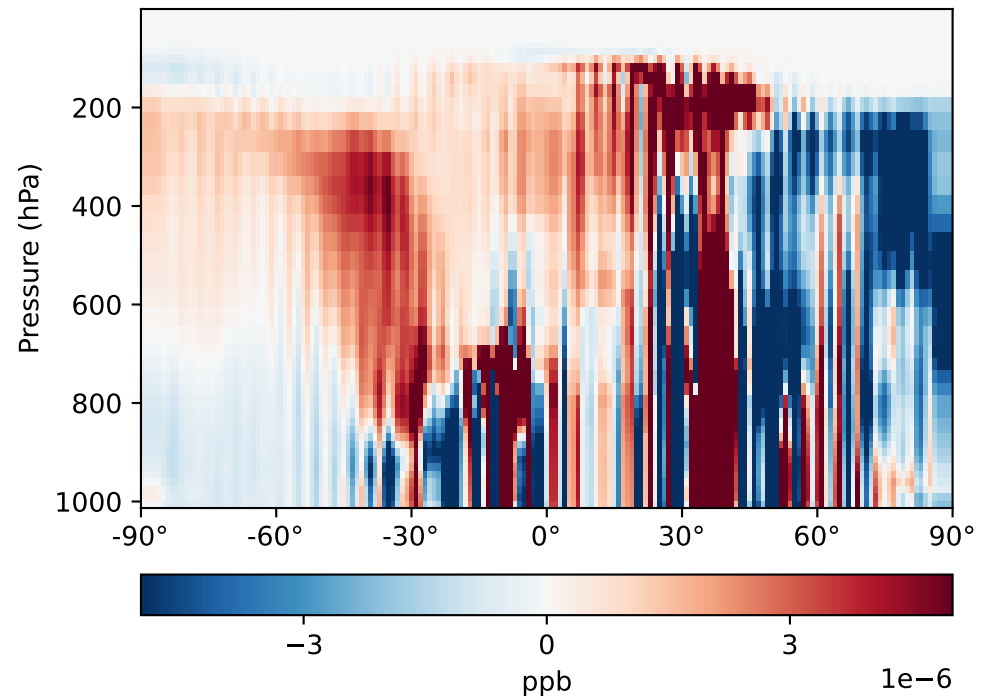
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



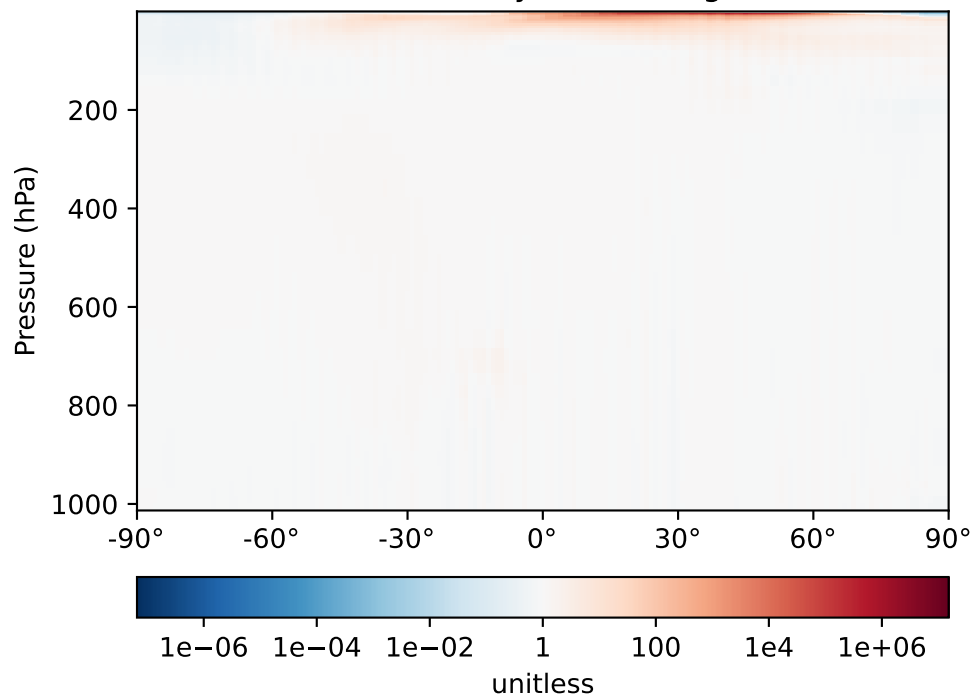
Difference (1x1.25)  
Dev - Ref, Dynamic Range



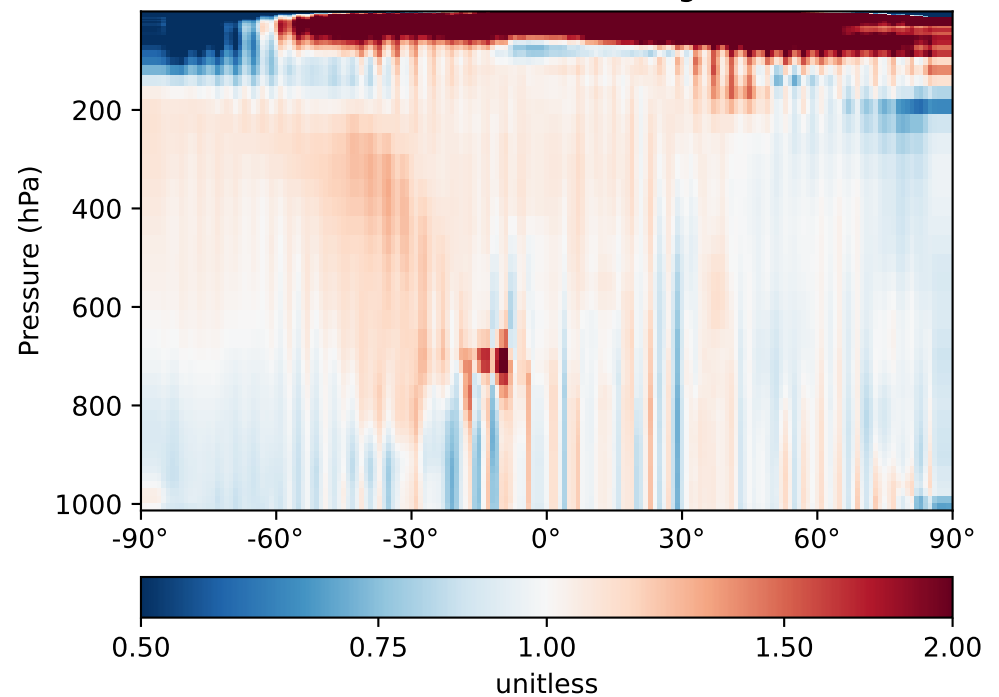
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range

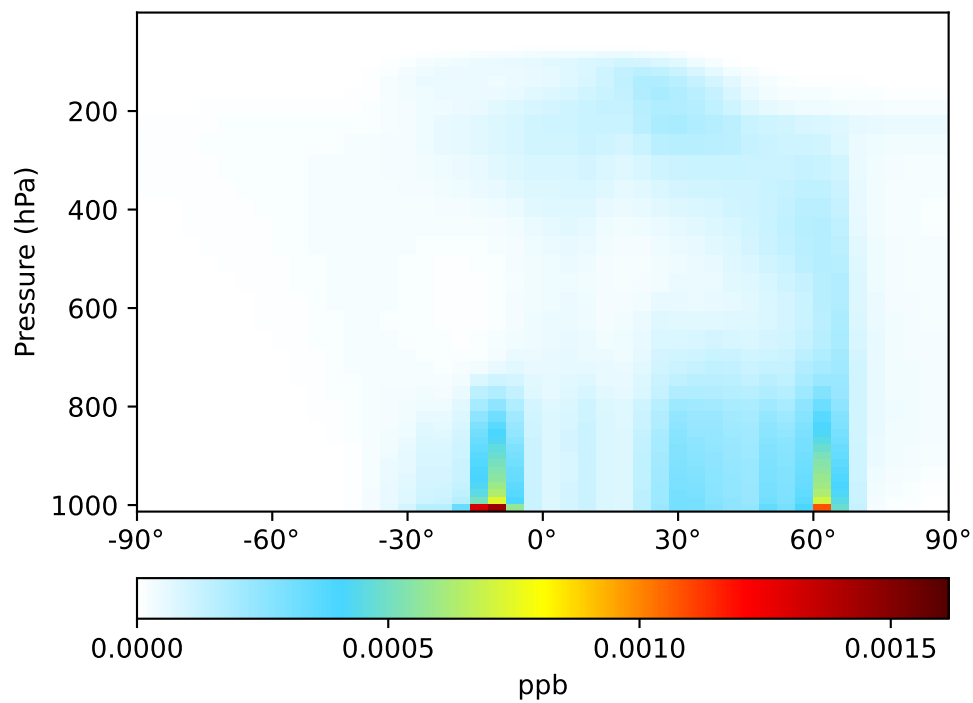


Ratio (1x1.25)  
Dev/Ref, Fixed Range

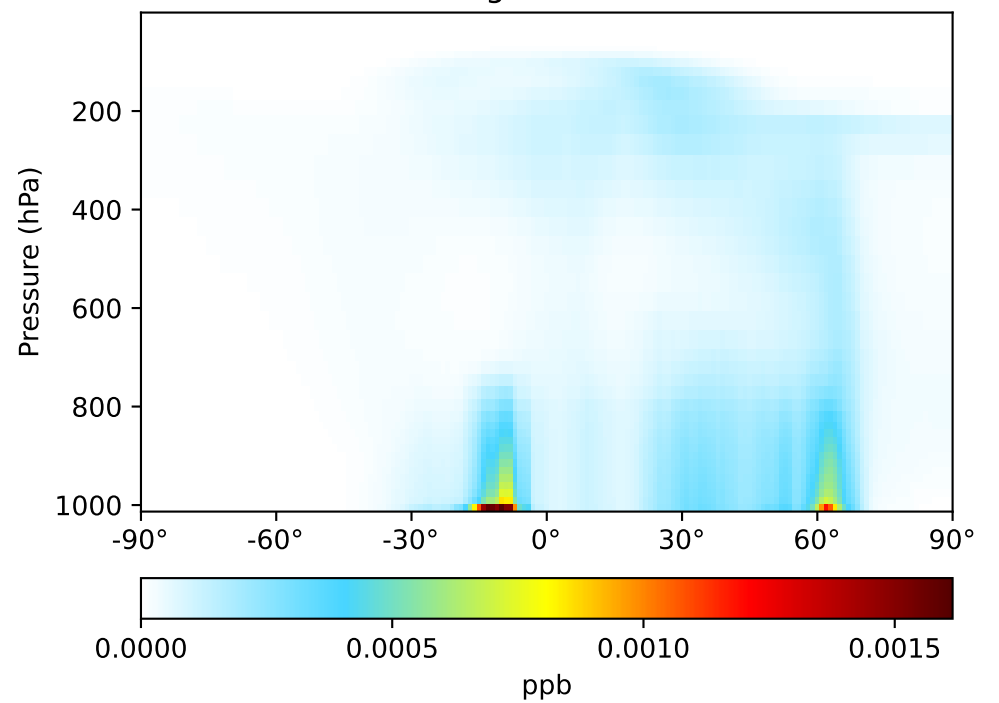


# SpeciesConcVV\_NPHEN, Zonal Mean

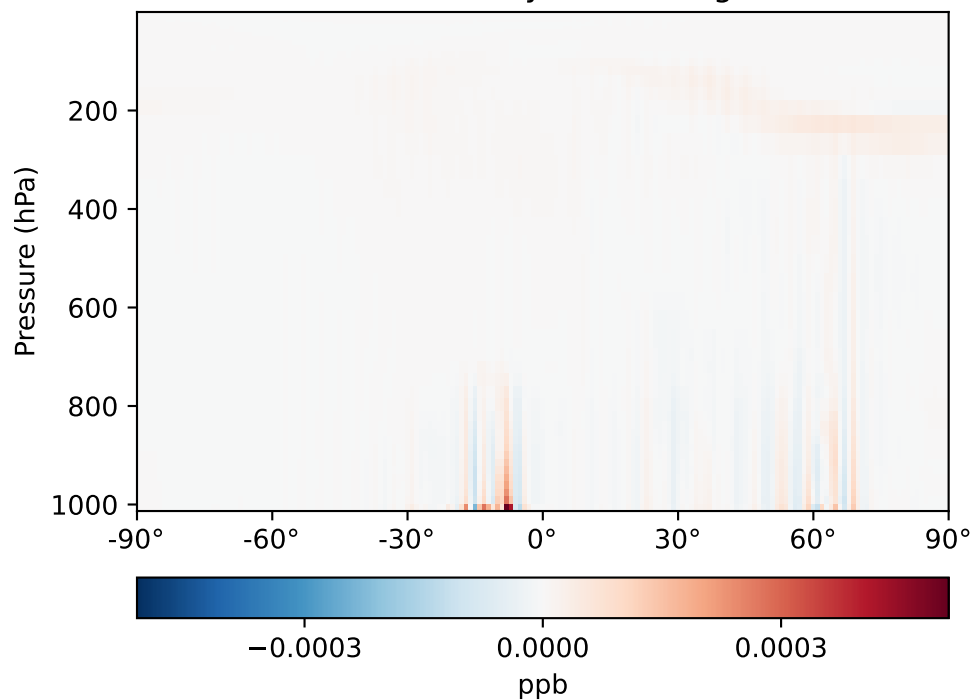
GCC\_14.2.0\_GEOS-IT (Ref)  
4.0x5.0



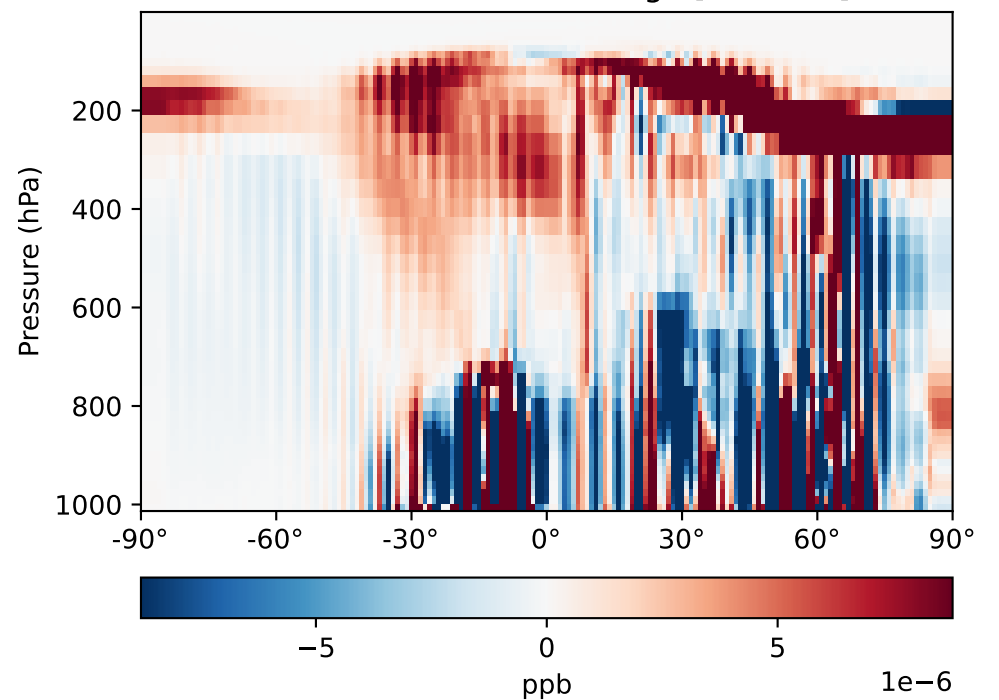
GCHP\_14.2.0\_GEOS-IT (Dev)  
1x1.25 regrided from c24



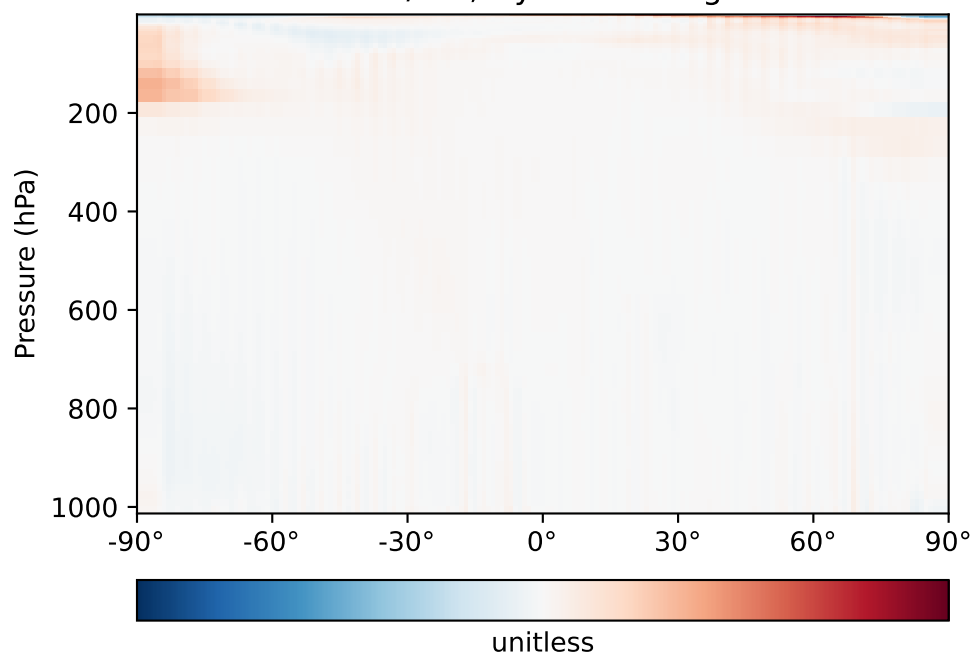
Difference (1x1.25)  
Dev - Ref, Dynamic Range



Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)  
Dev/Ref, Dynamic Range



Ratio (1x1.25)  
Dev/Ref, Fixed Range

