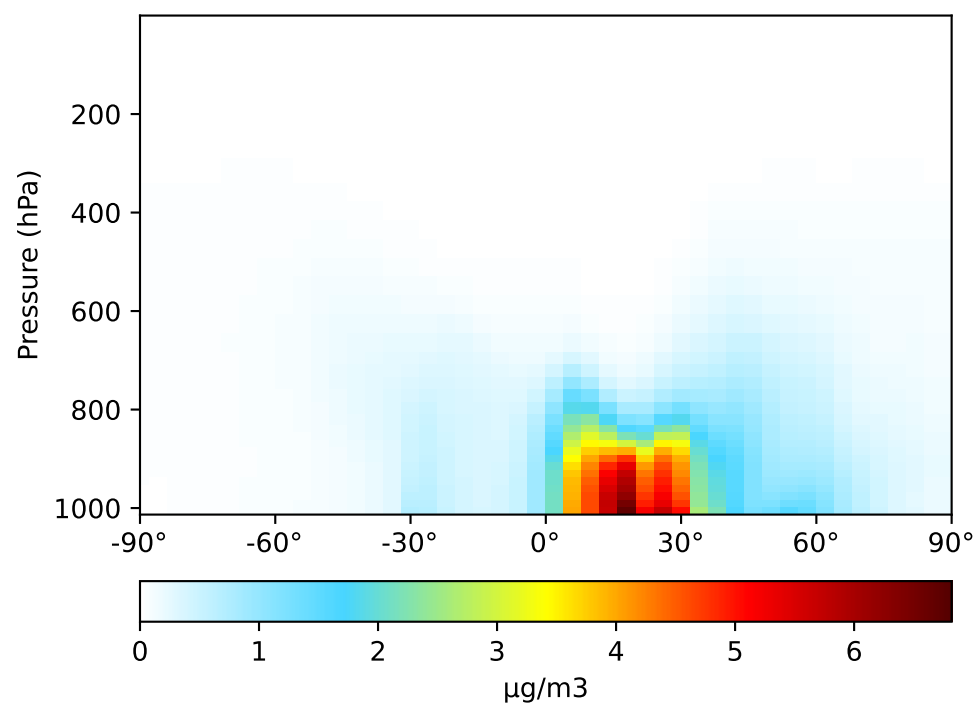
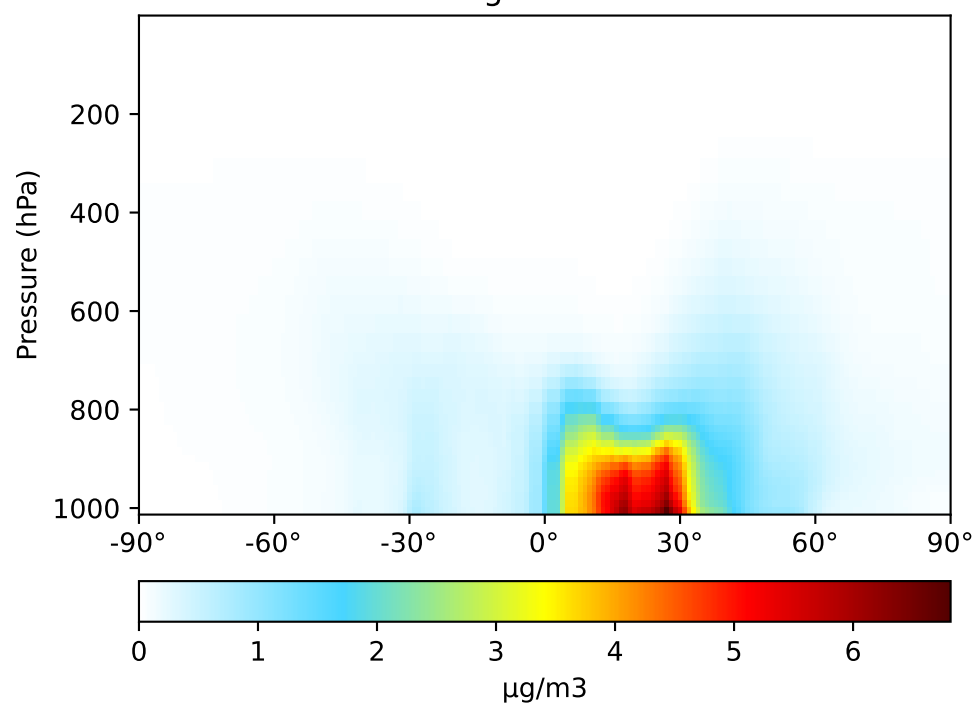


# SpeciesConc\_DST1, Zonal Mean (Jan2019)

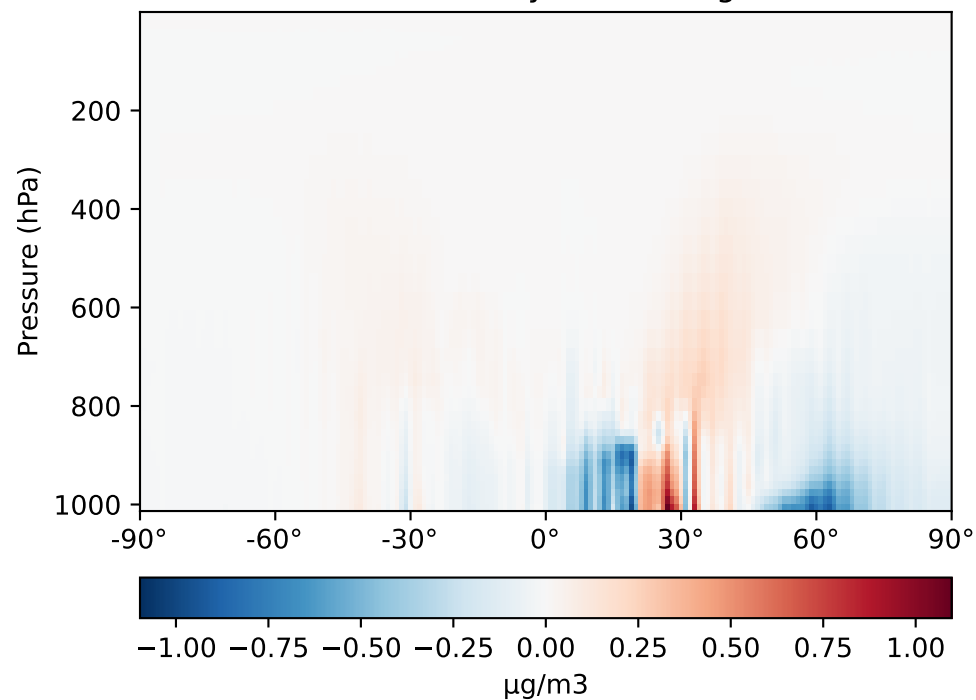
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



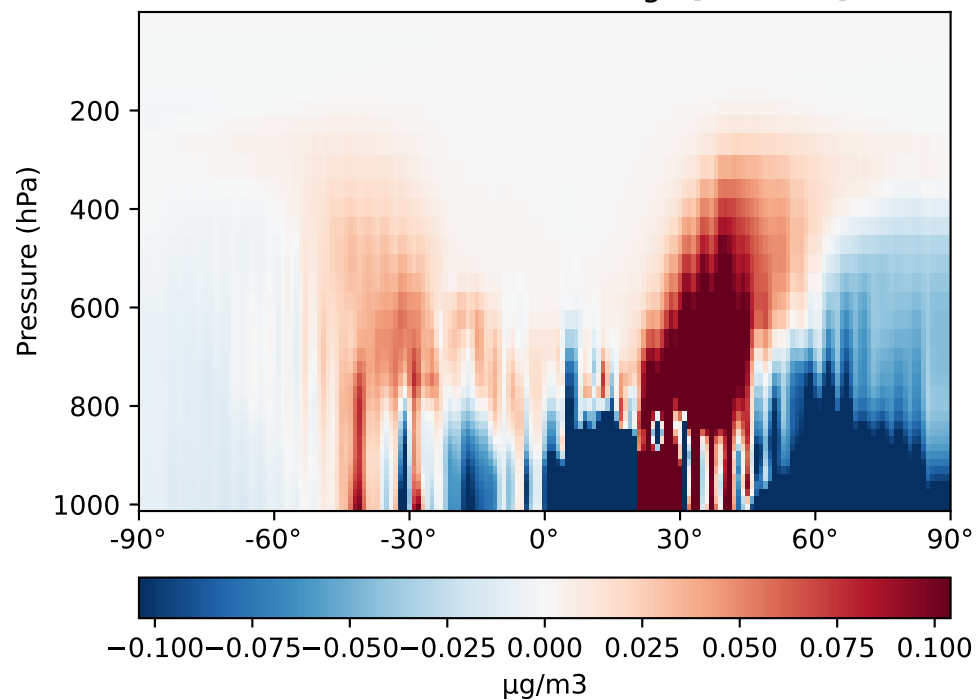
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



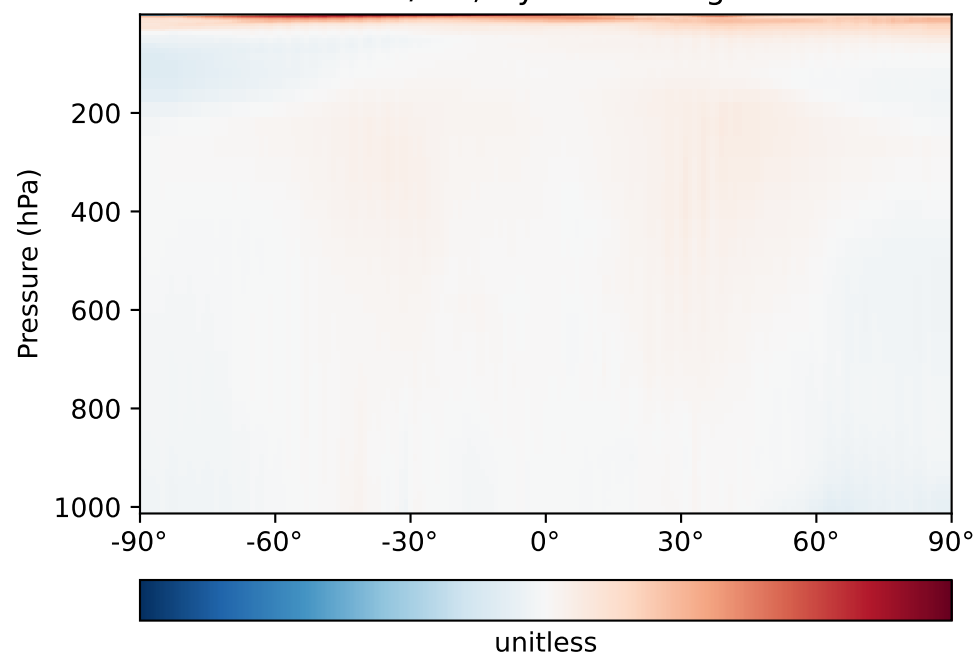
Difference (1x1.25)  
Dev - Ref, Dynamic Range



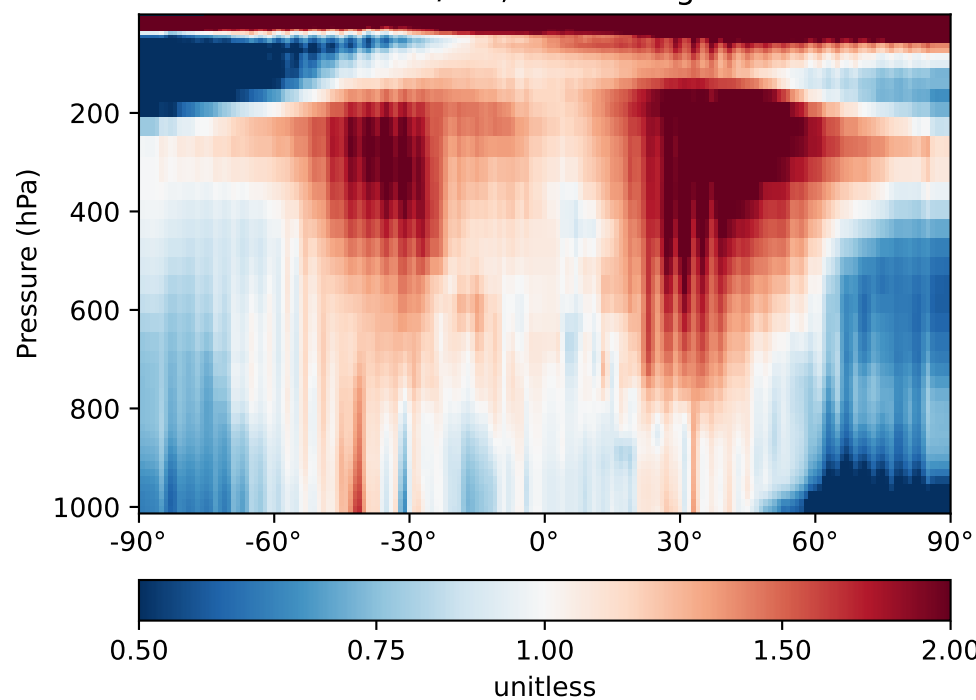
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

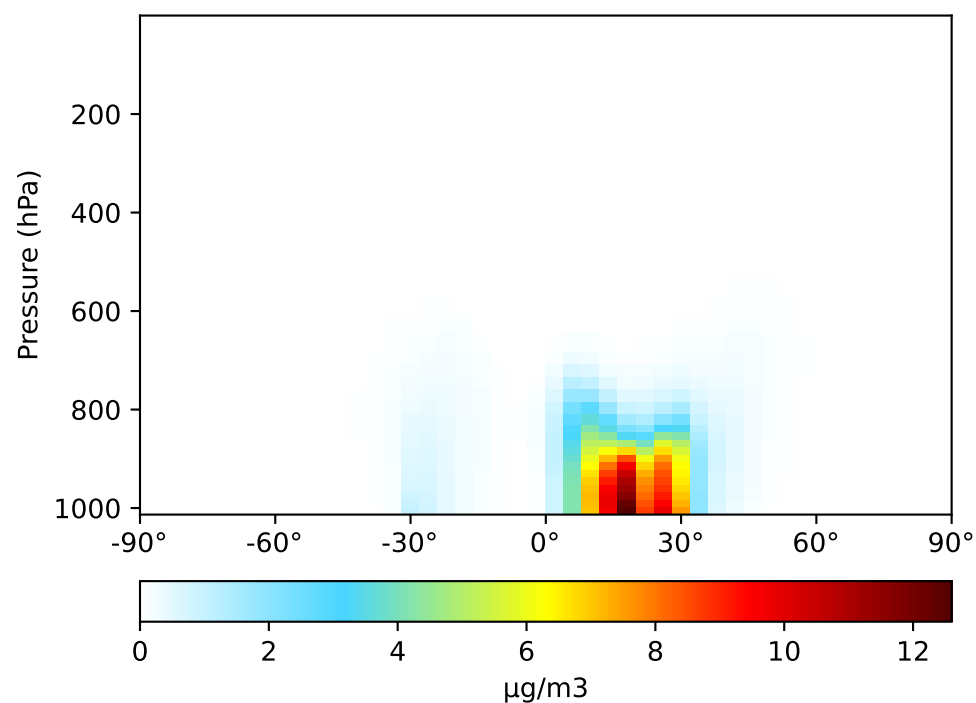


Ratio (1x1.25)  
Dev/Ref, Fixed Range

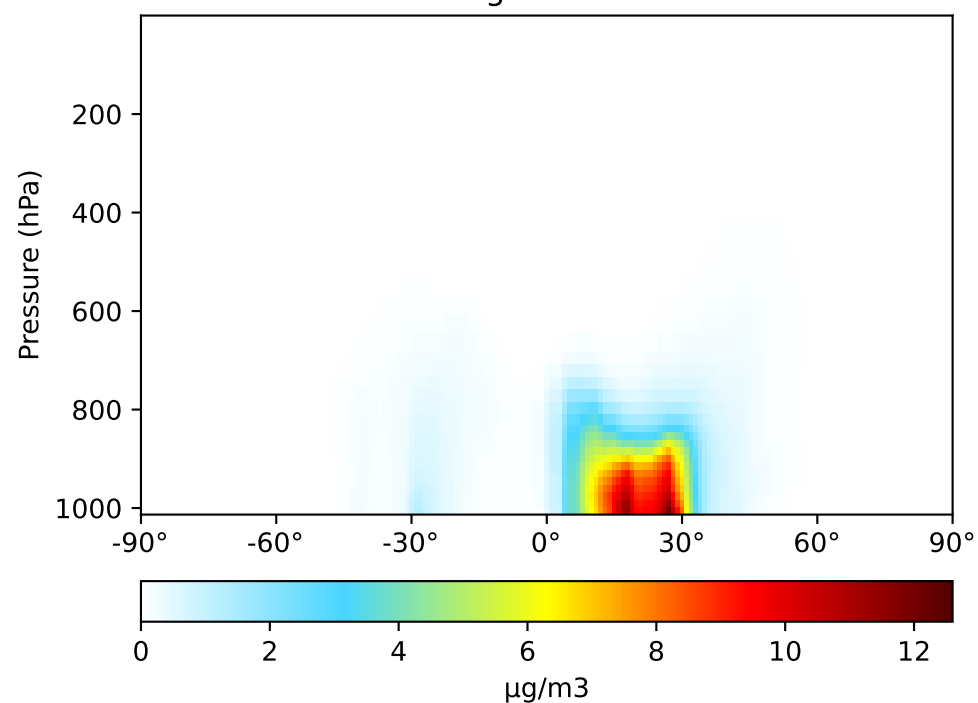


# SpeciesConc\_DST2, Zonal Mean (Jan2019)

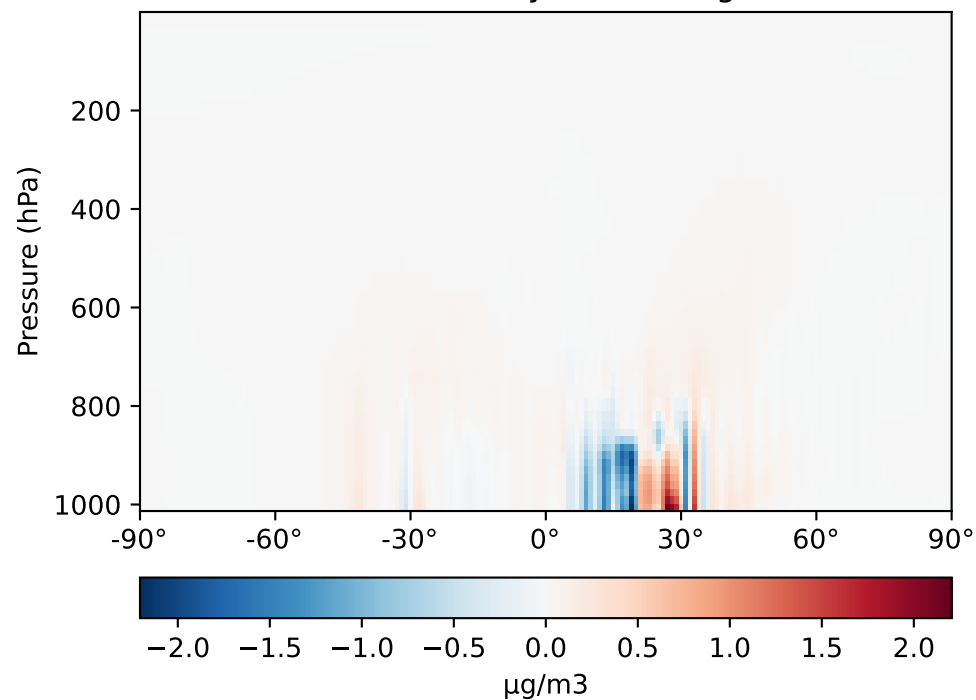
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



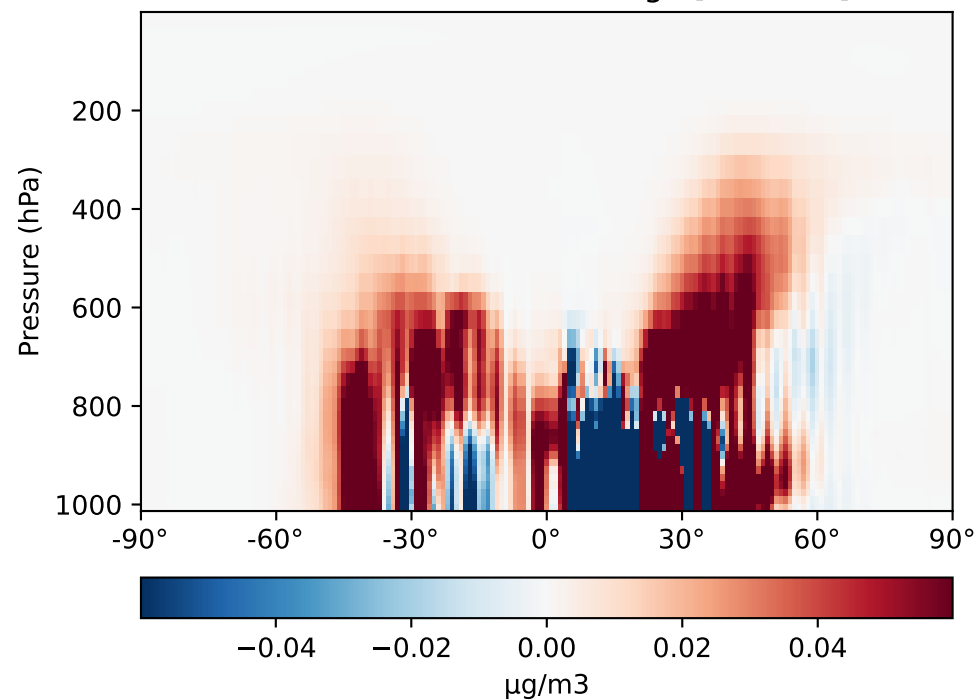
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



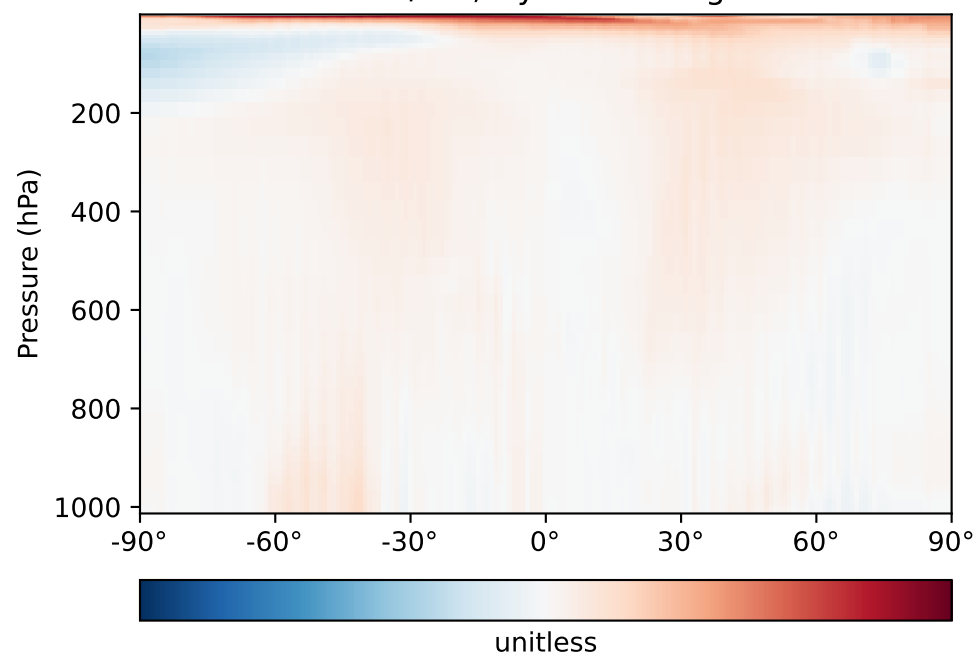
Difference (1x1.25)  
Dev - Ref, Dynamic Range



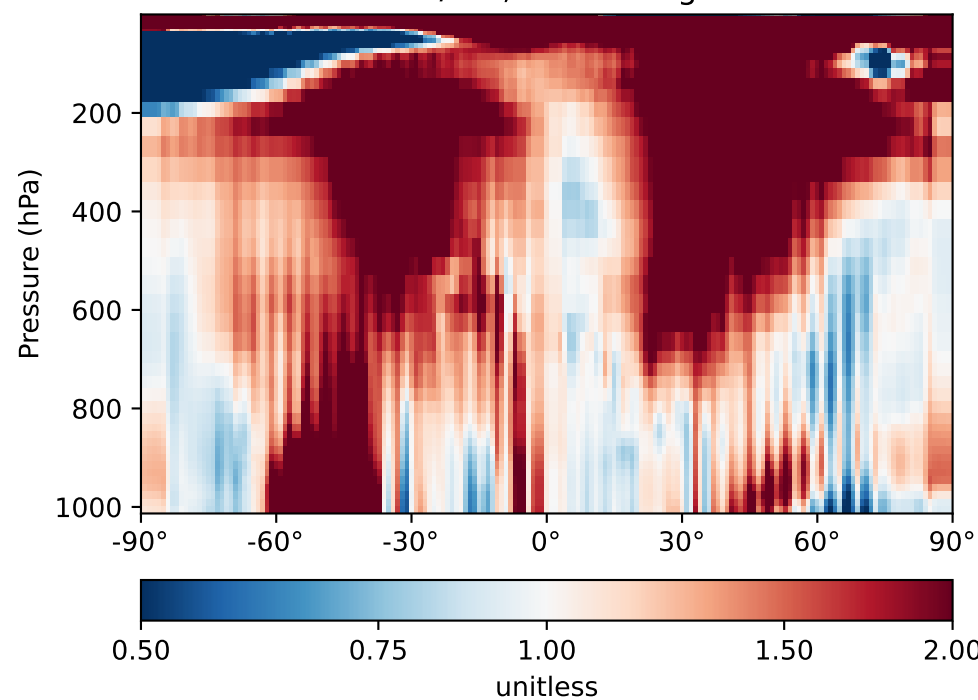
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

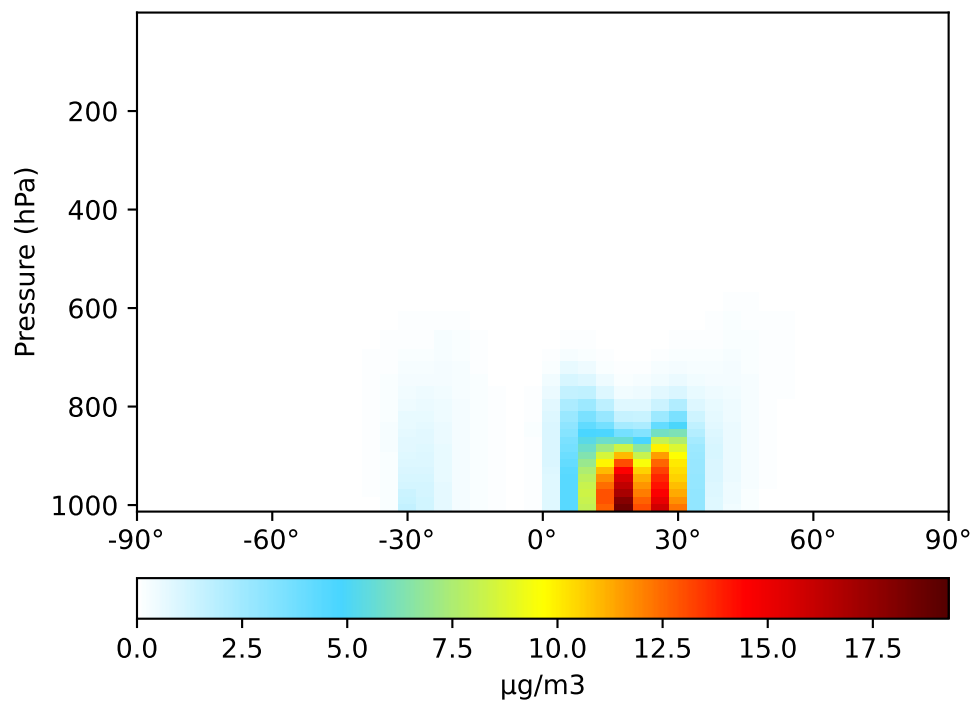


Ratio (1x1.25)  
Dev/Ref, Fixed Range

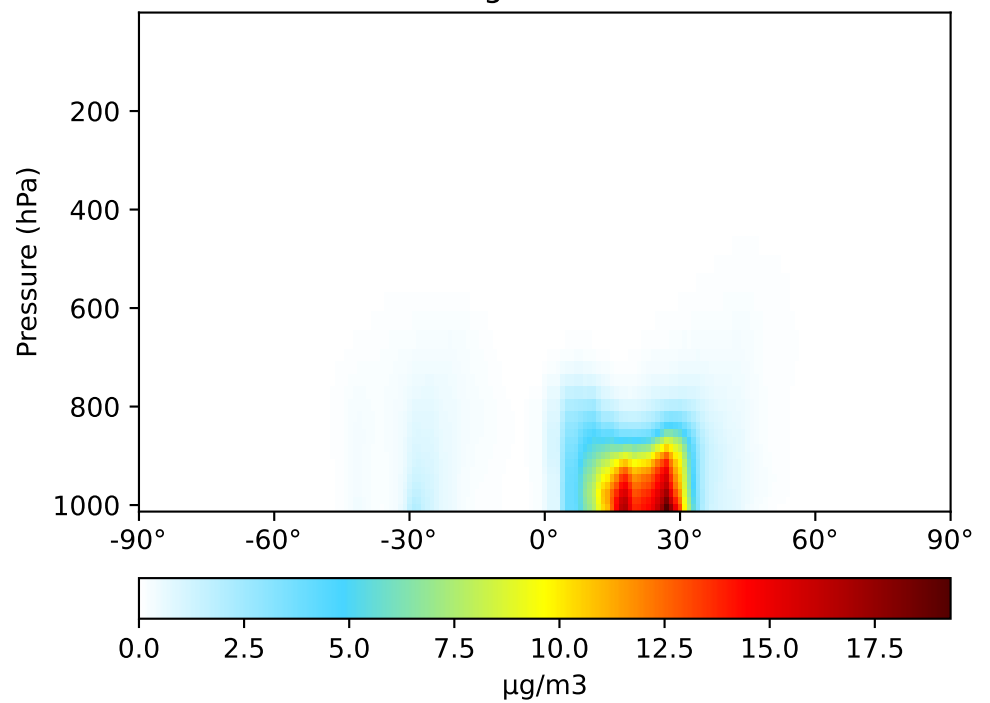


# SpeciesConc\_DST3, Zonal Mean (Jan2019)

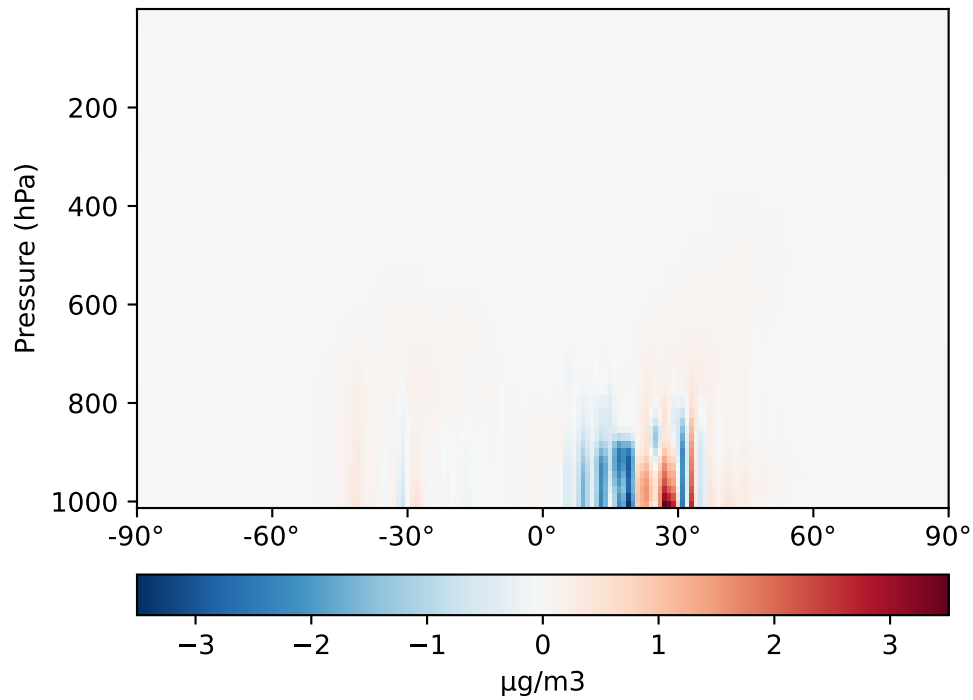
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



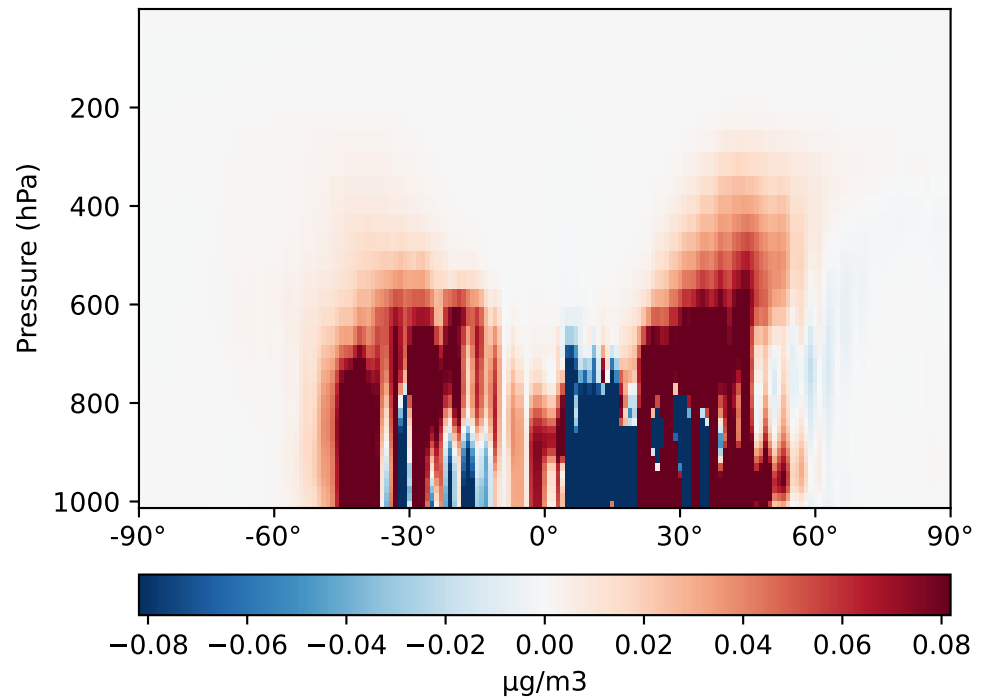
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



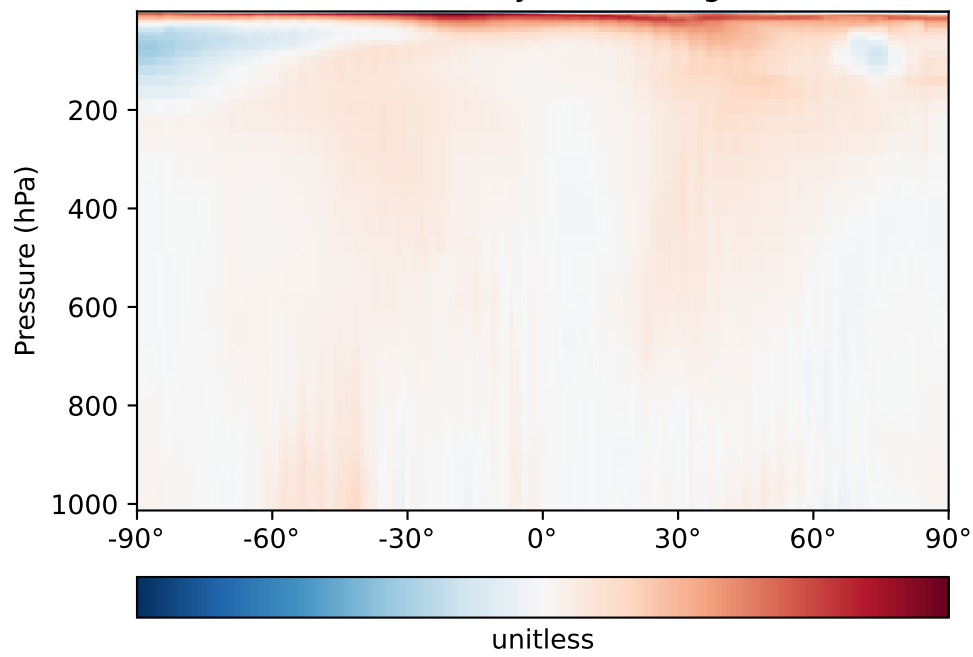
Difference (1x1.25)  
Dev - Ref, Dynamic Range



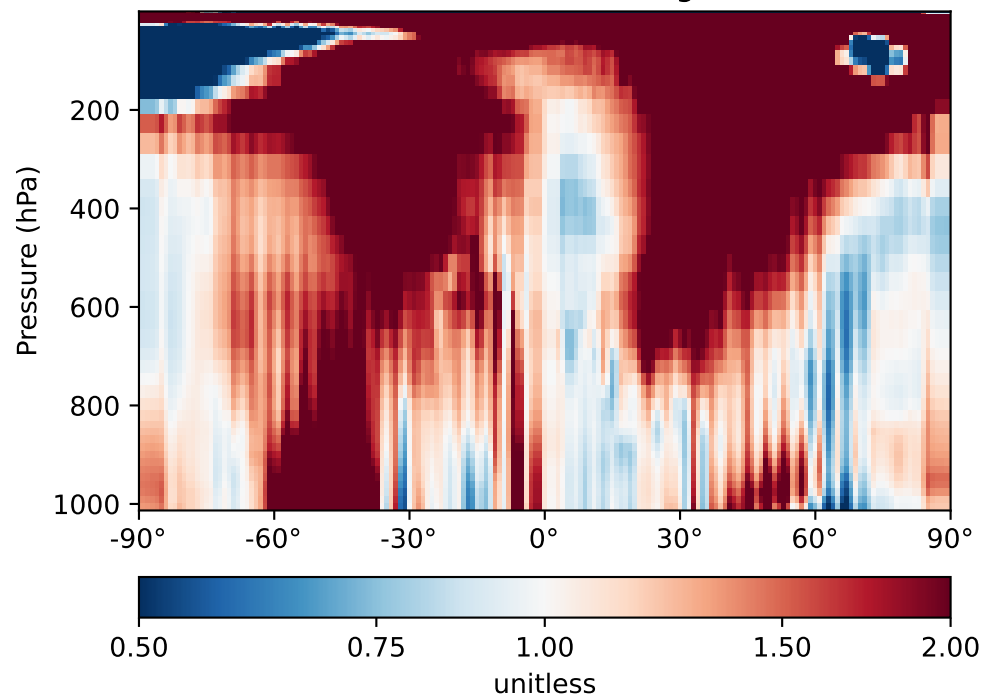
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

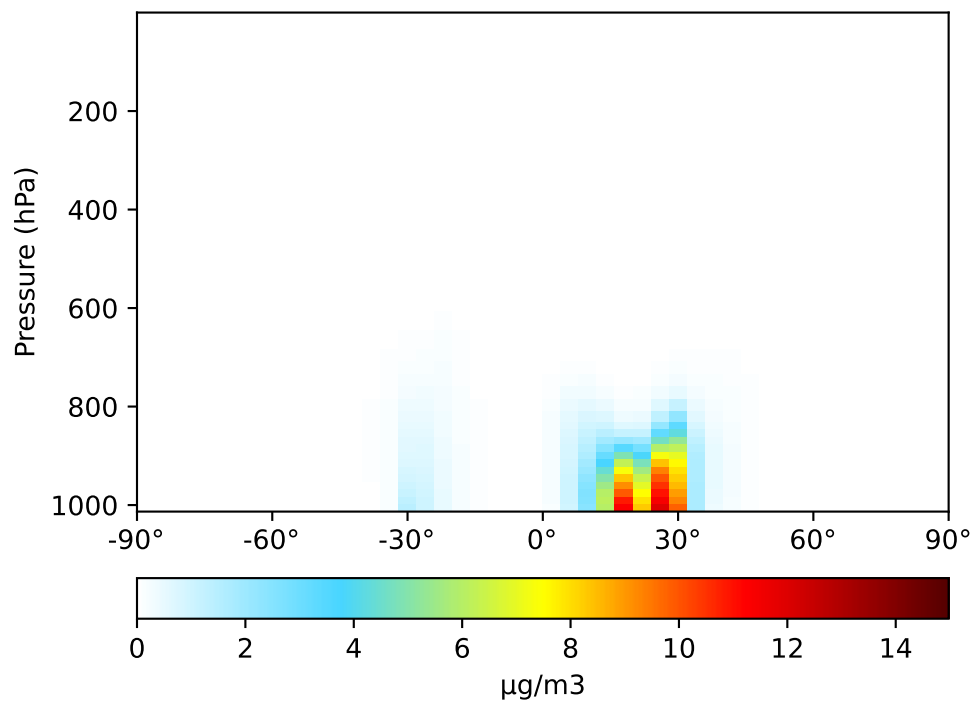


Ratio (1x1.25)  
Dev/Ref, Fixed Range

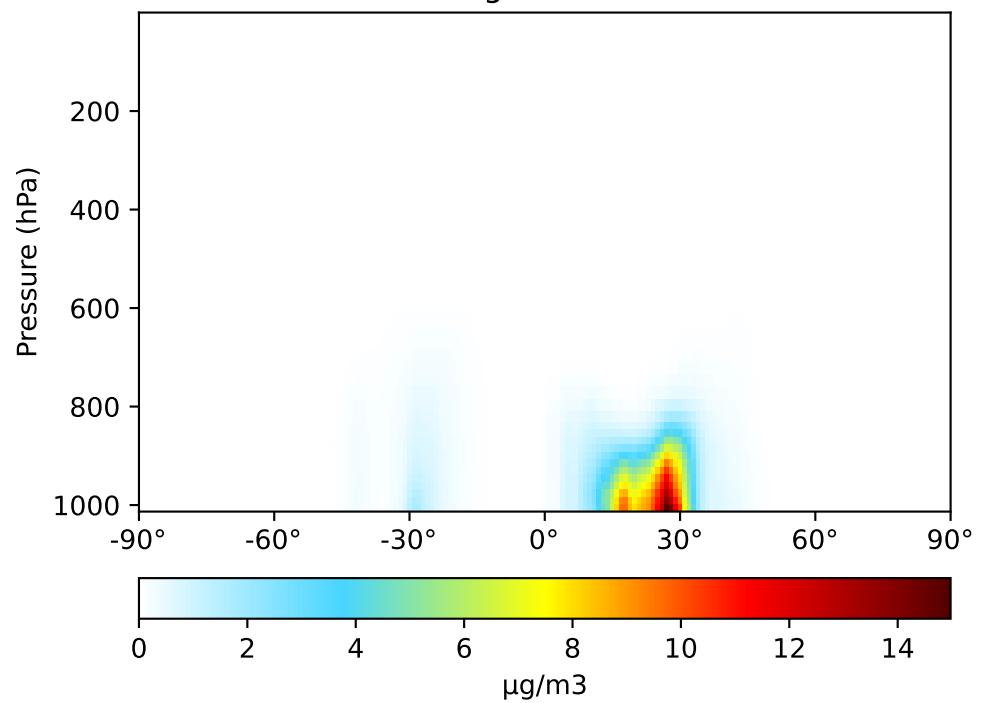


# SpeciesConc\_DST4, Zonal Mean (Jan2019)

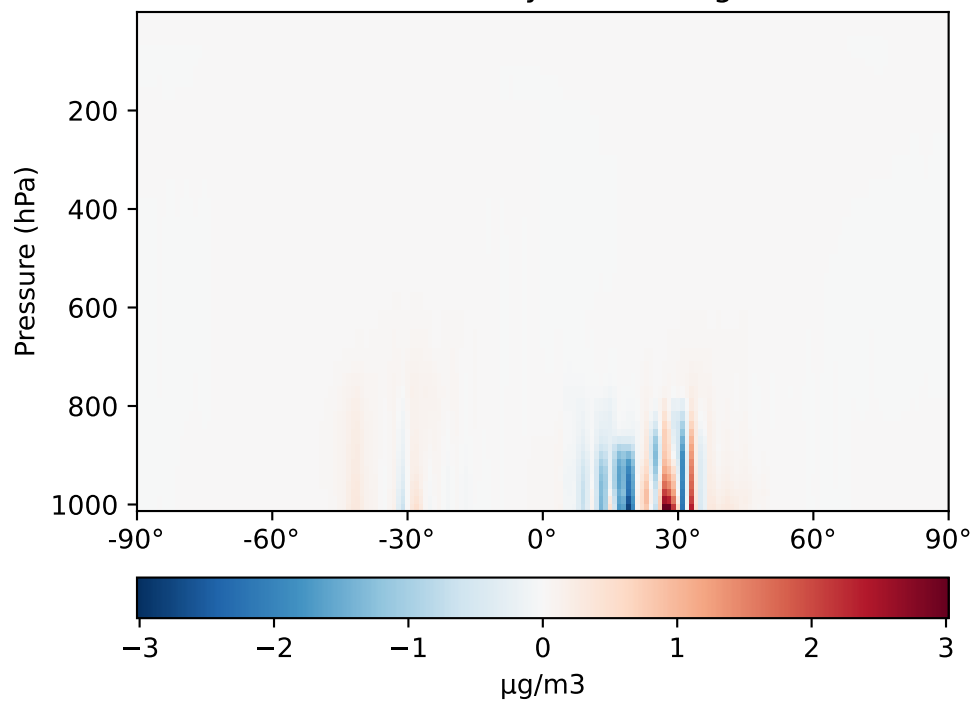
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



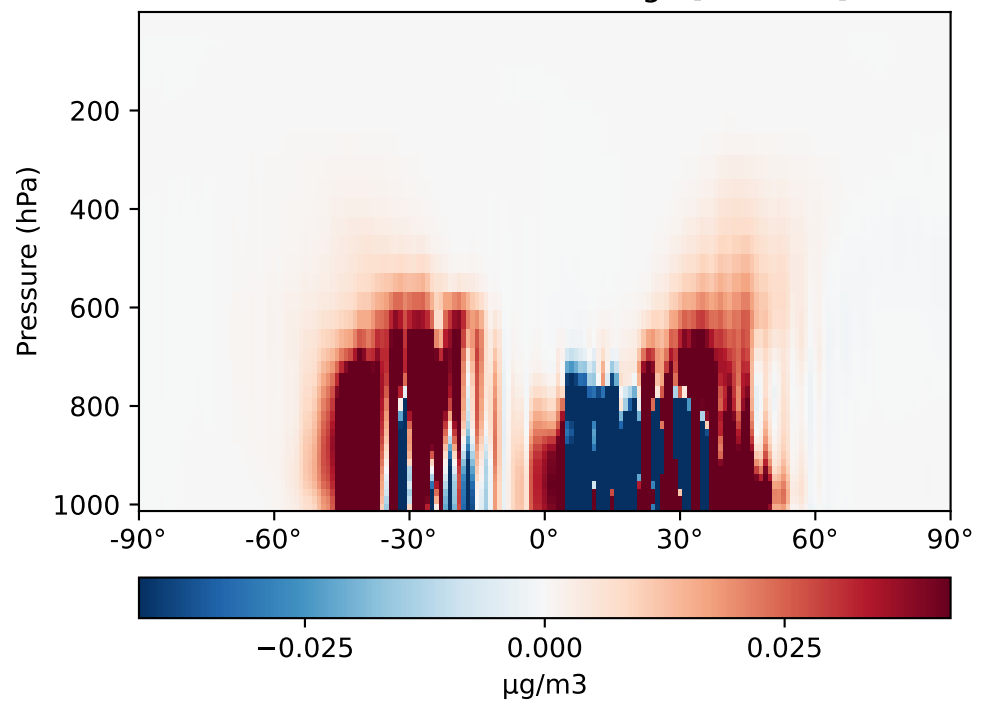
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



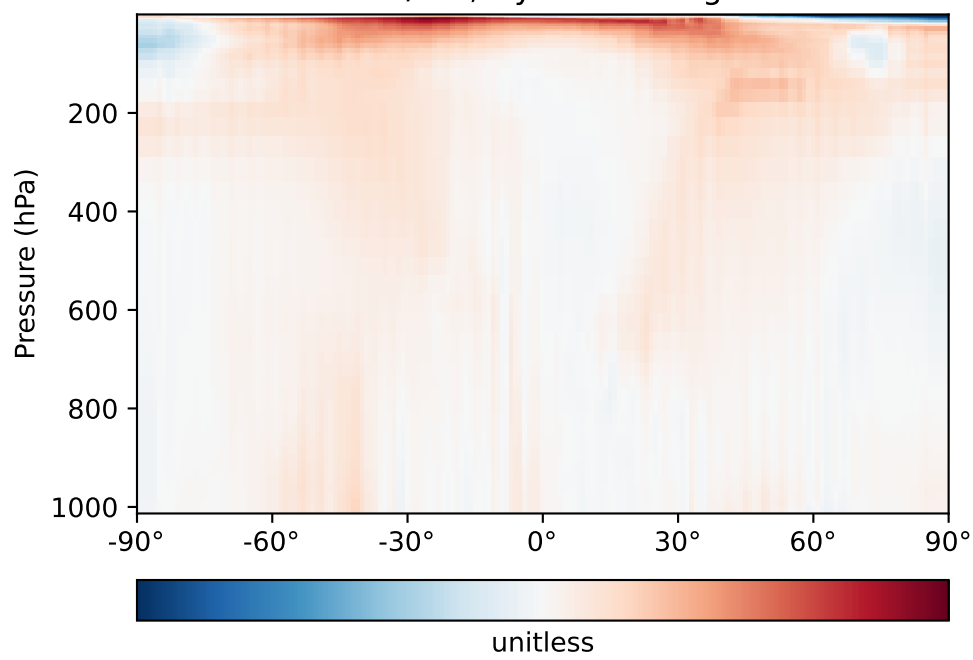
Difference (1x1.25)  
Dev - Ref, Dynamic Range



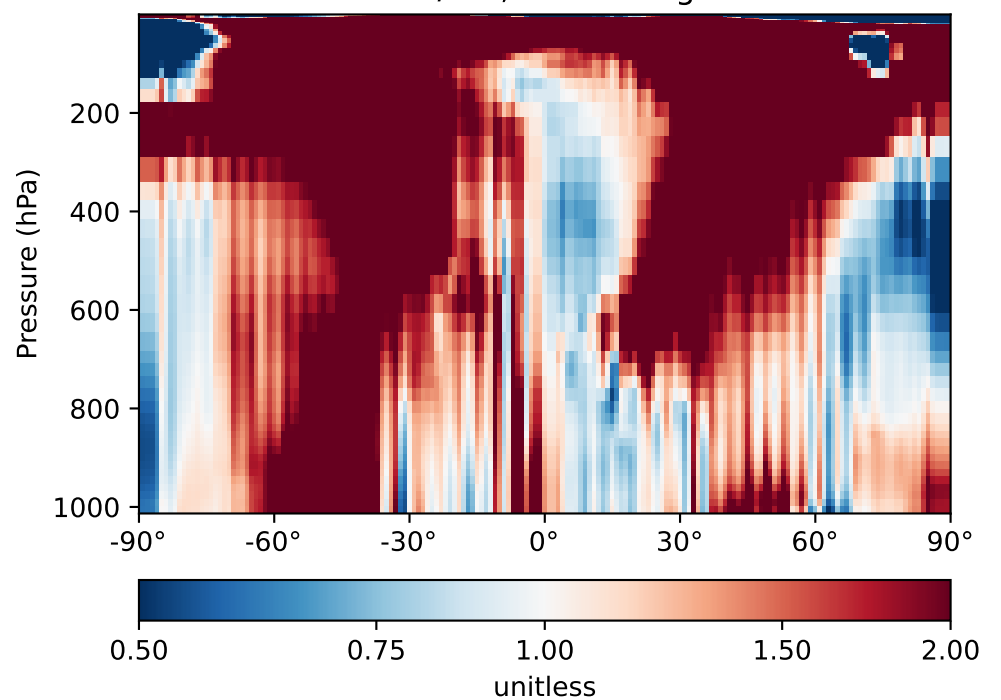
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

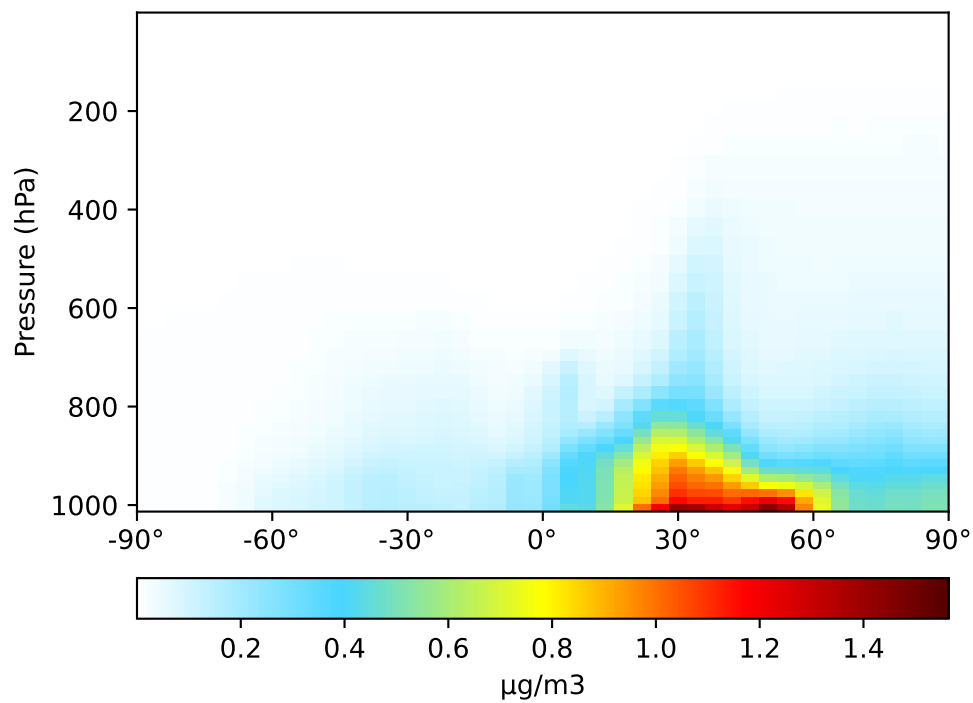


Ratio (1x1.25)  
Dev/Ref, Fixed Range

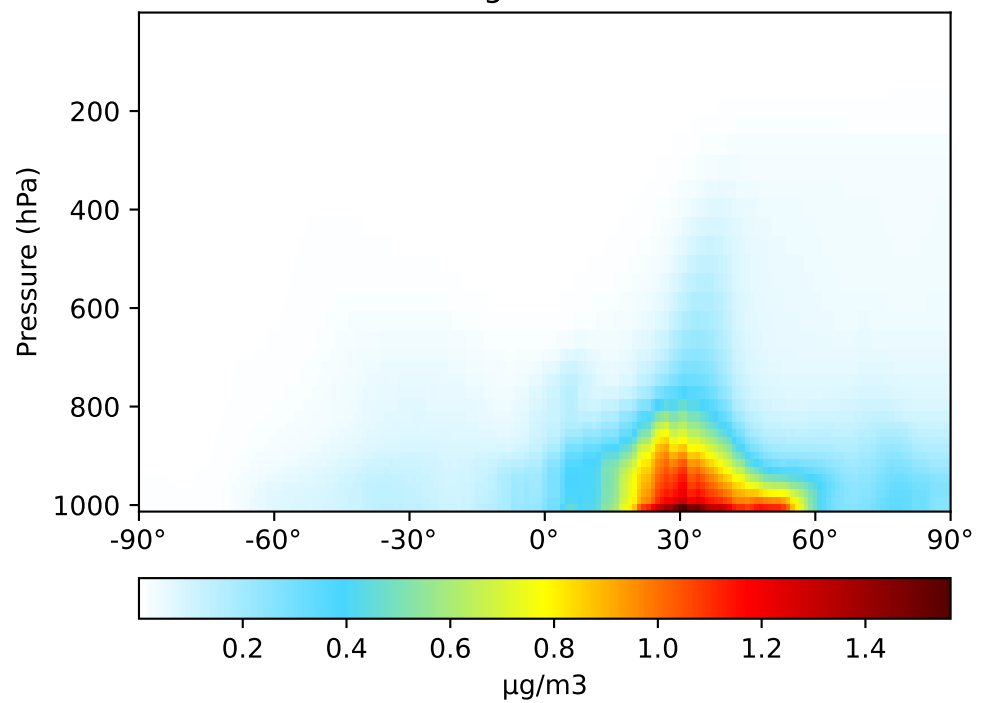


# SpeciesConc\_NH4, Zonal Mean (Jan2019)

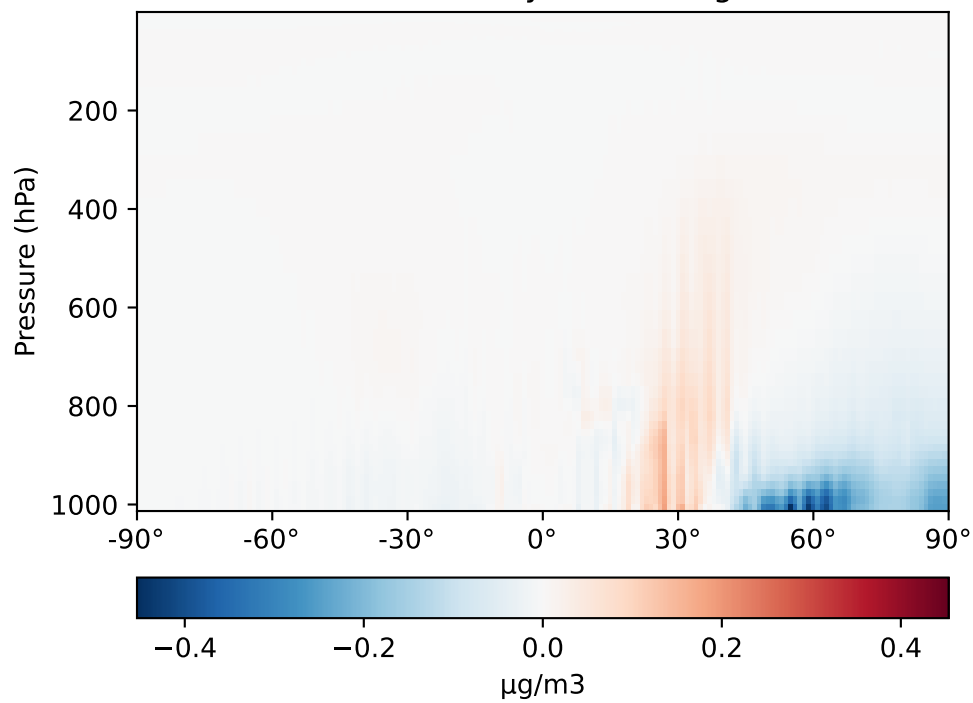
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



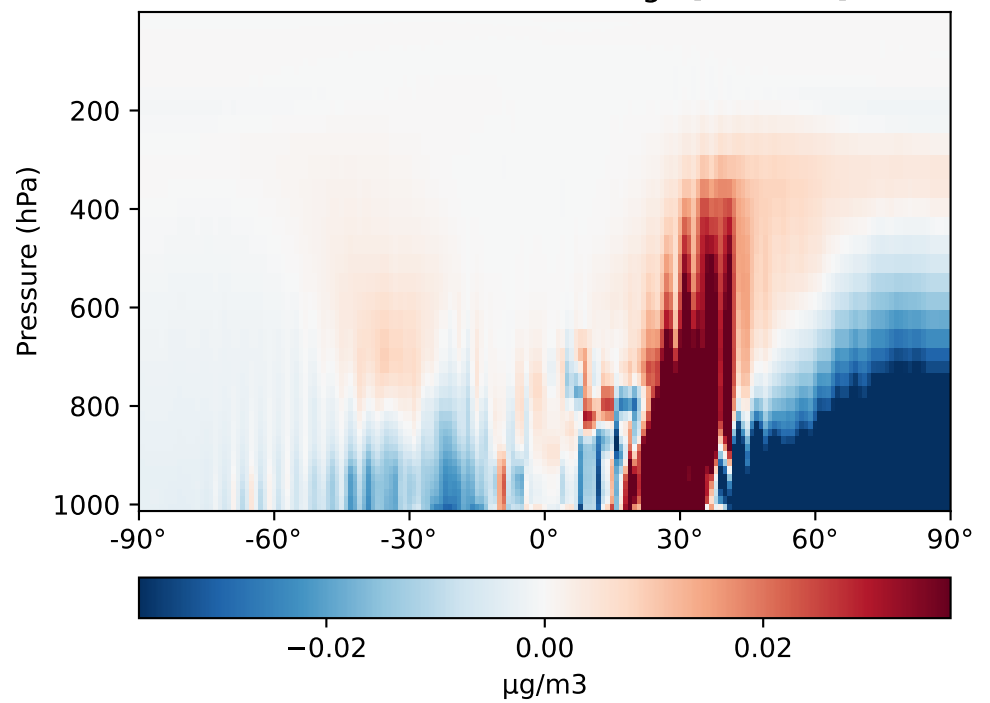
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



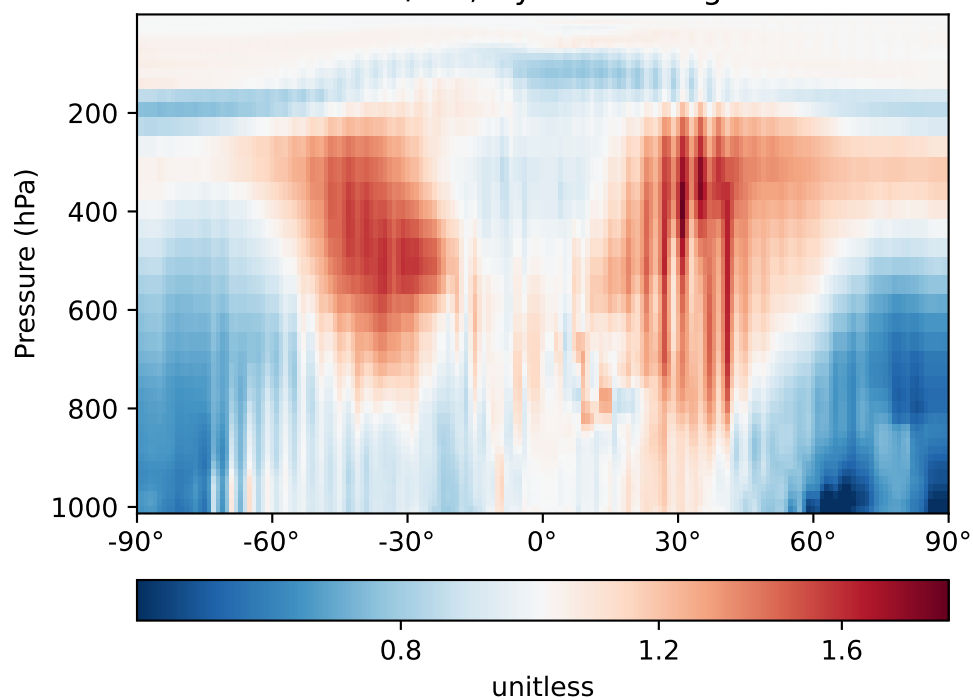
Difference (1x1.25)  
Dev - Ref, Dynamic Range



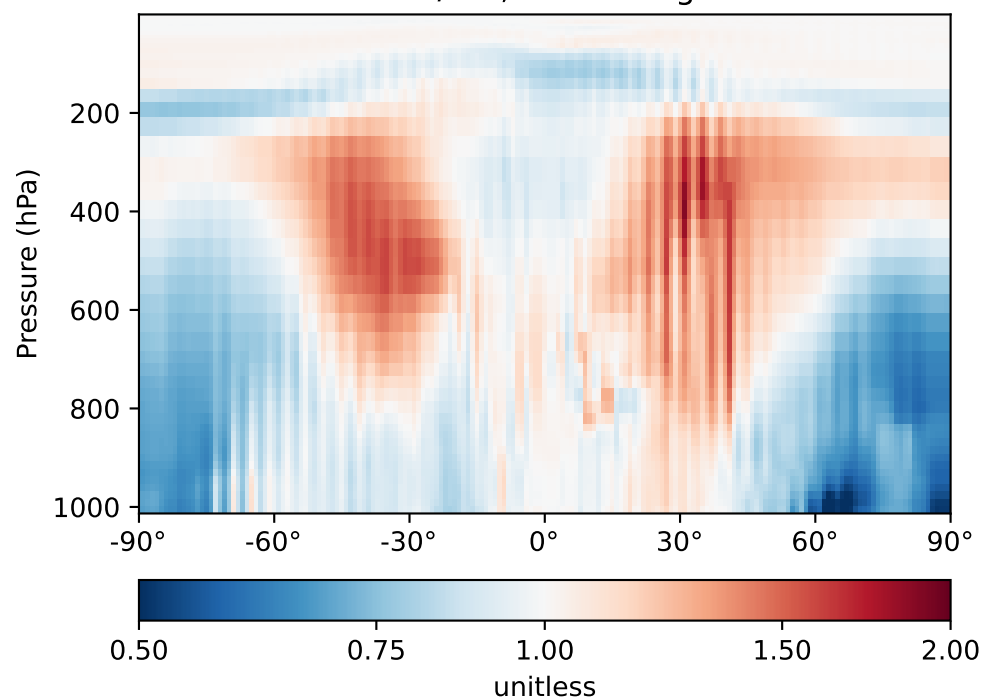
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

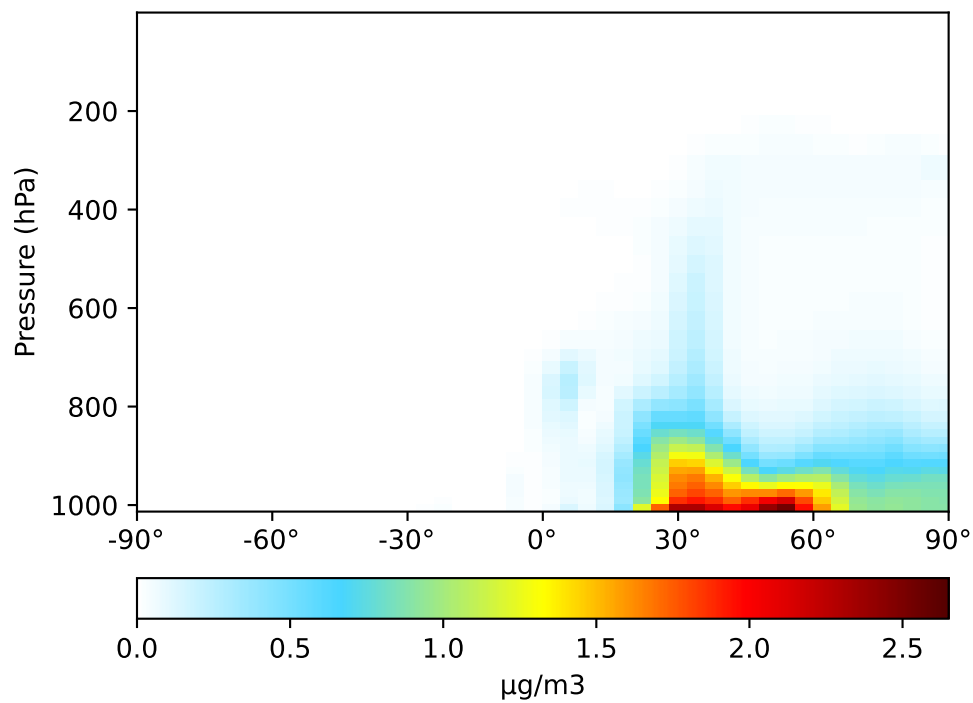


Ratio (1x1.25)  
Dev/Ref, Fixed Range

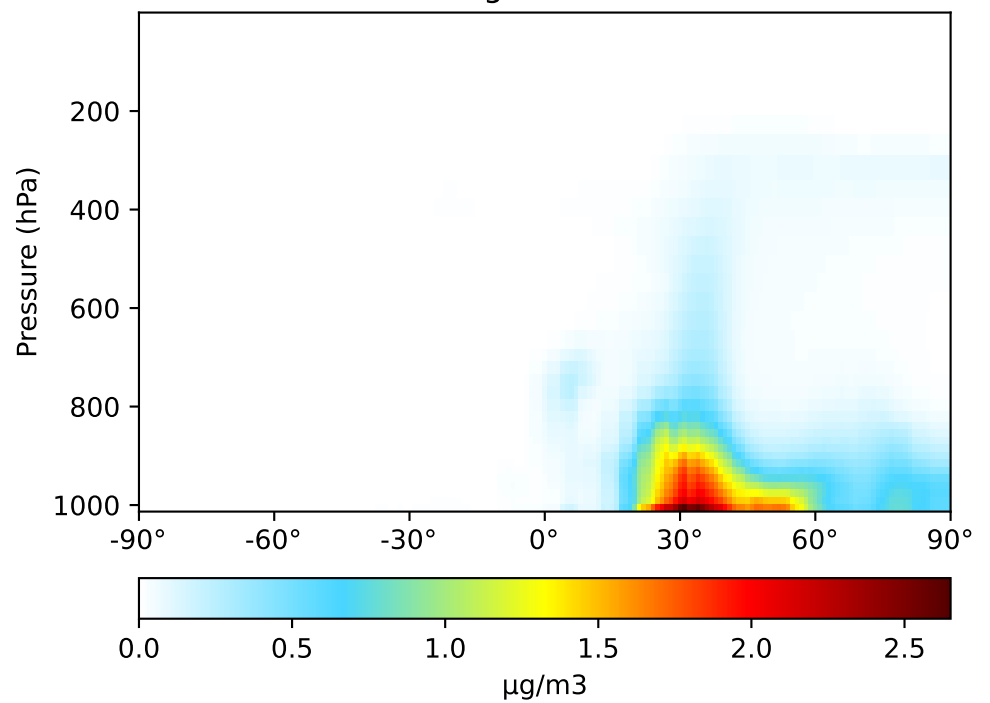


# SpeciesConc\_NIT, Zonal Mean (Jan2019)

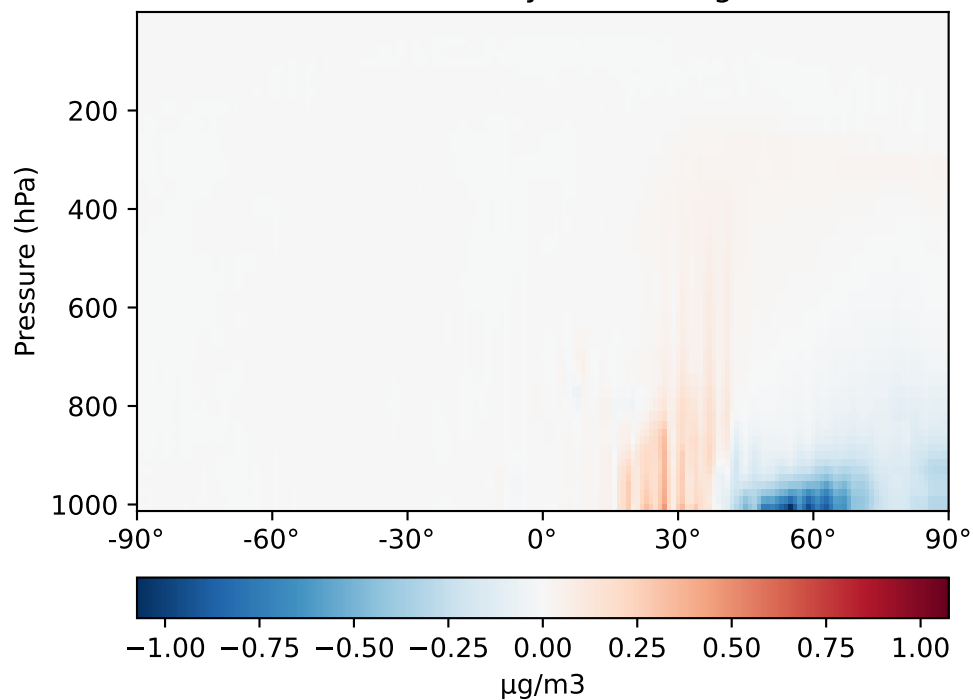
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



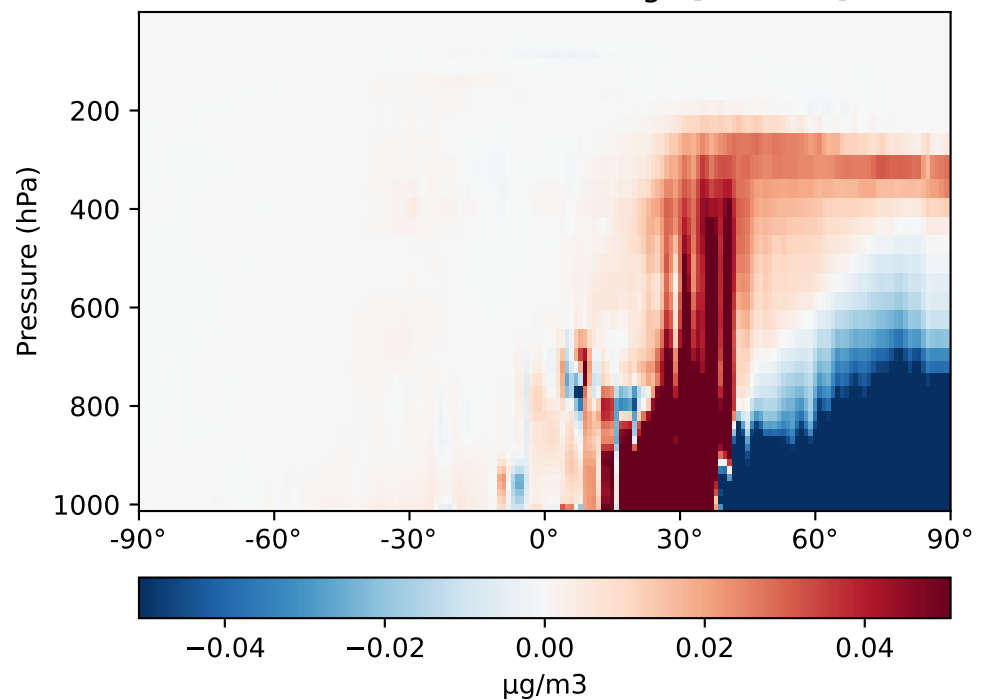
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regridged from c24



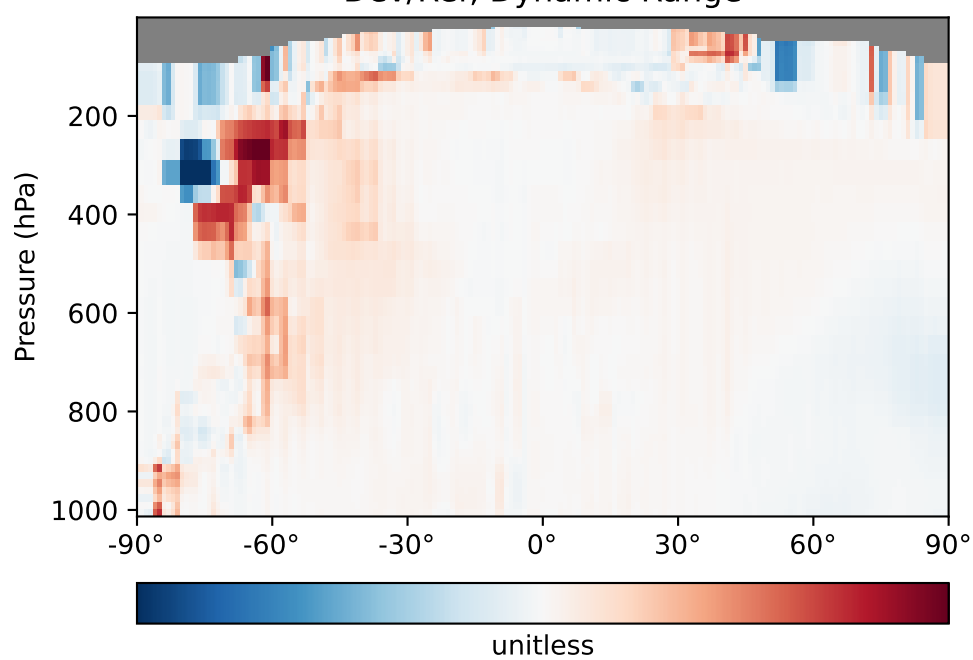
Difference (1x1.25)  
Dev - Ref, Dynamic Range



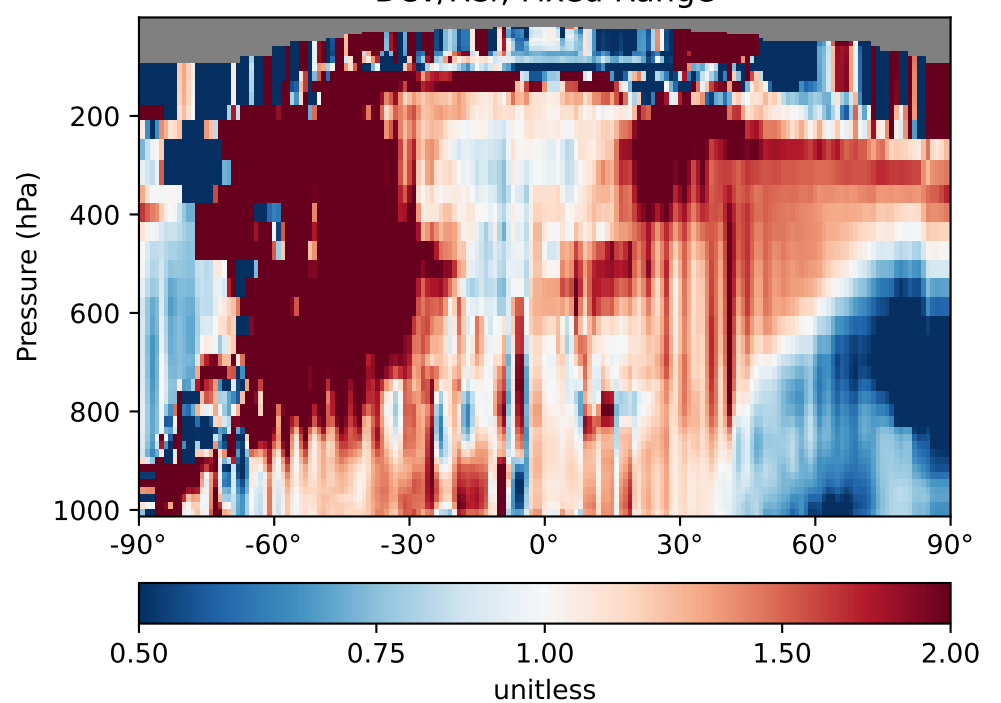
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

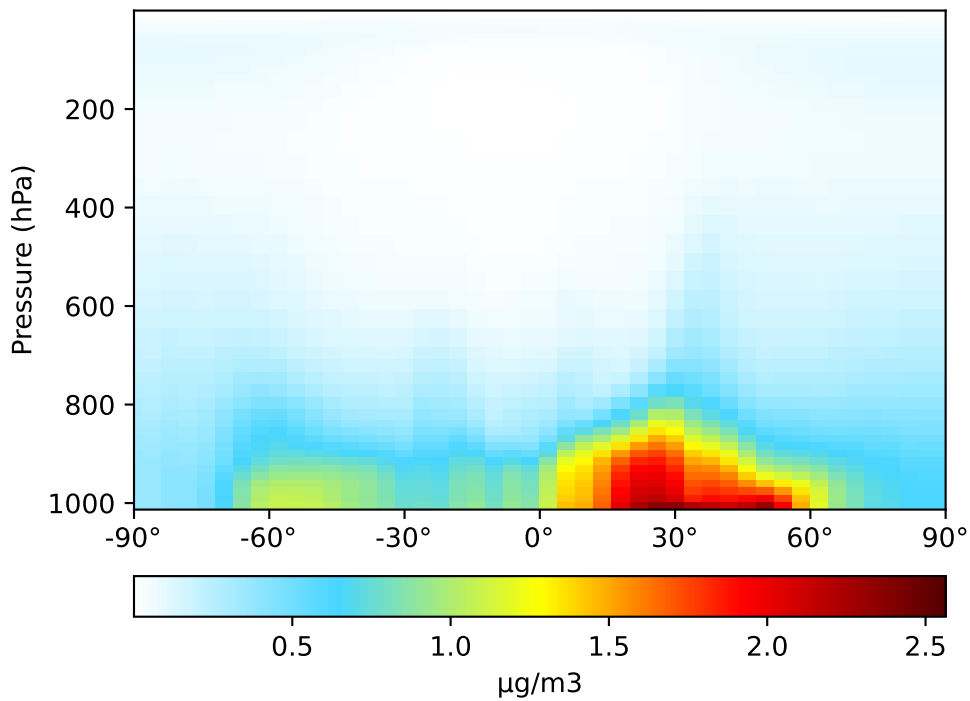


Ratio (1x1.25)  
Dev/Ref, Fixed Range

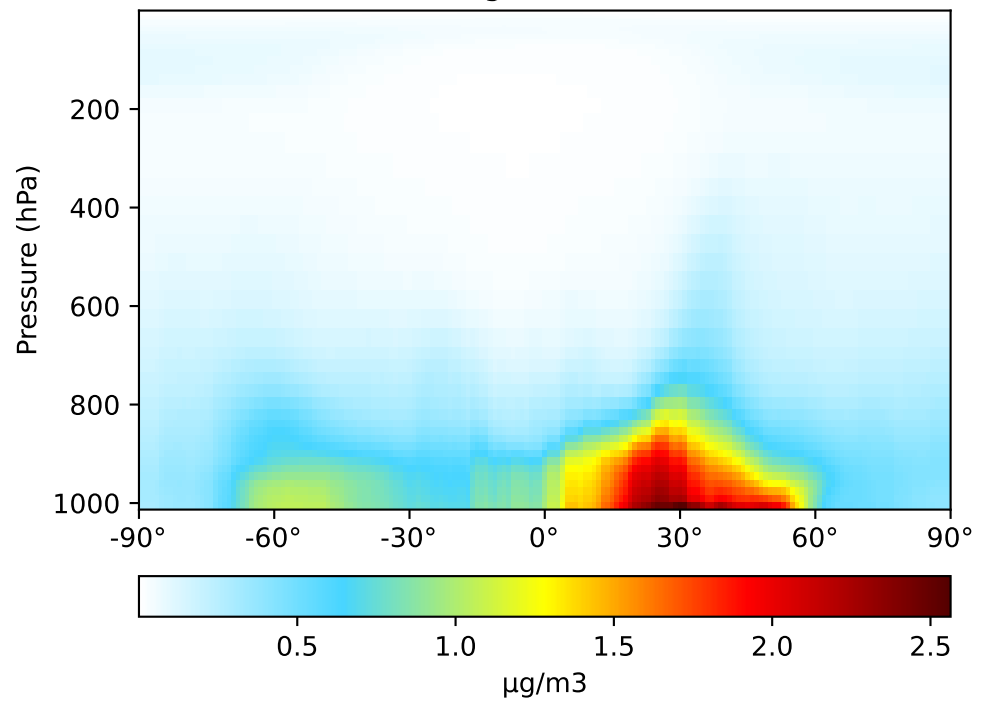


# SpeciesConc\_SO4, Zonal Mean (Jan2019)

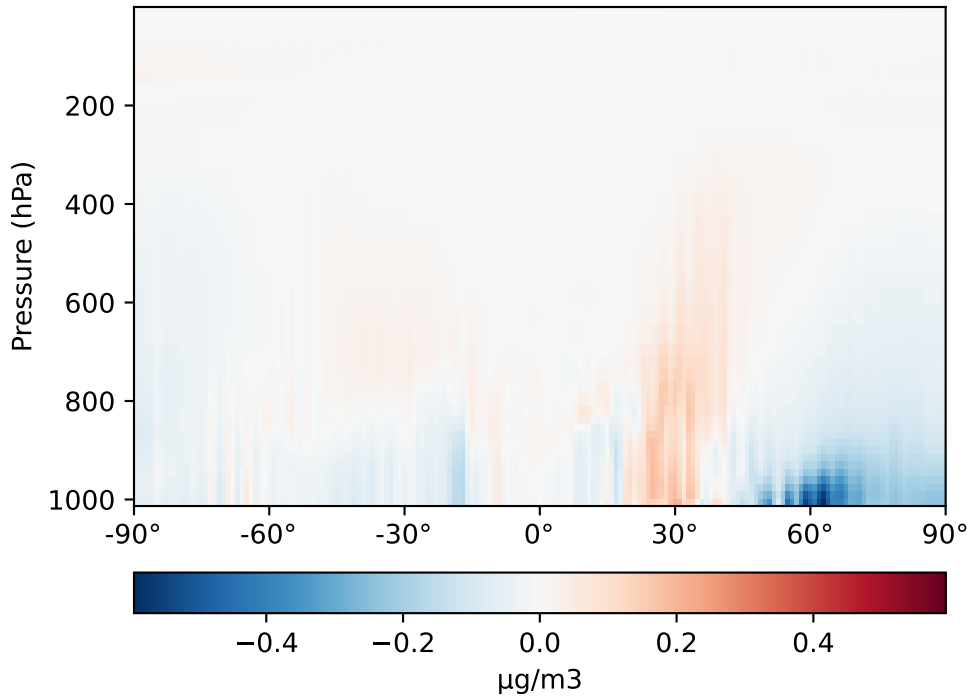
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



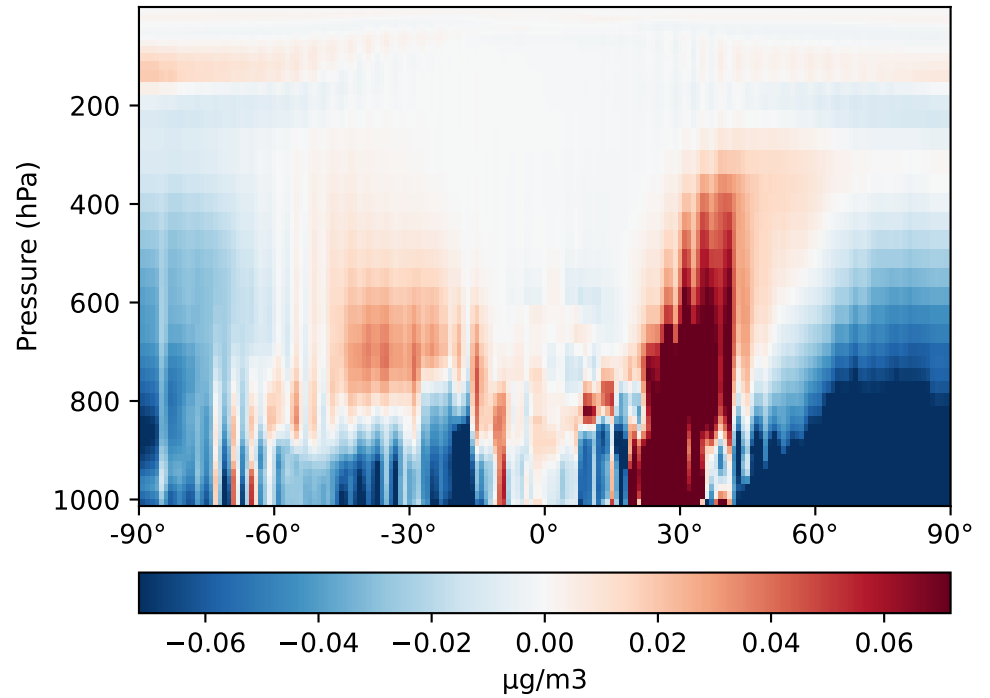
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



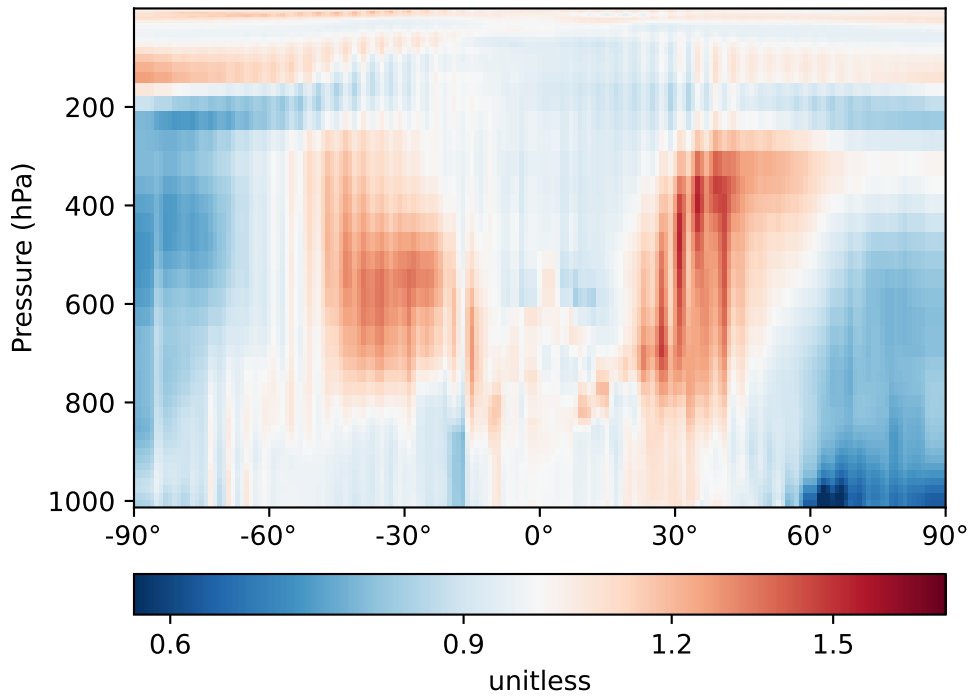
Difference (1x1.25)  
Dev - Ref, Dynamic Range



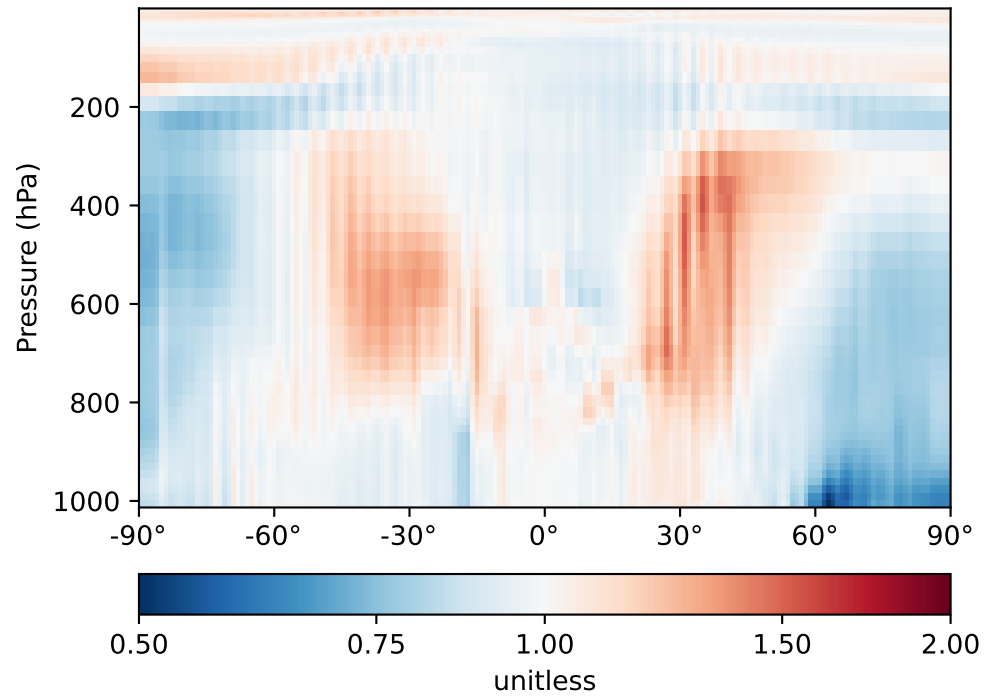
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

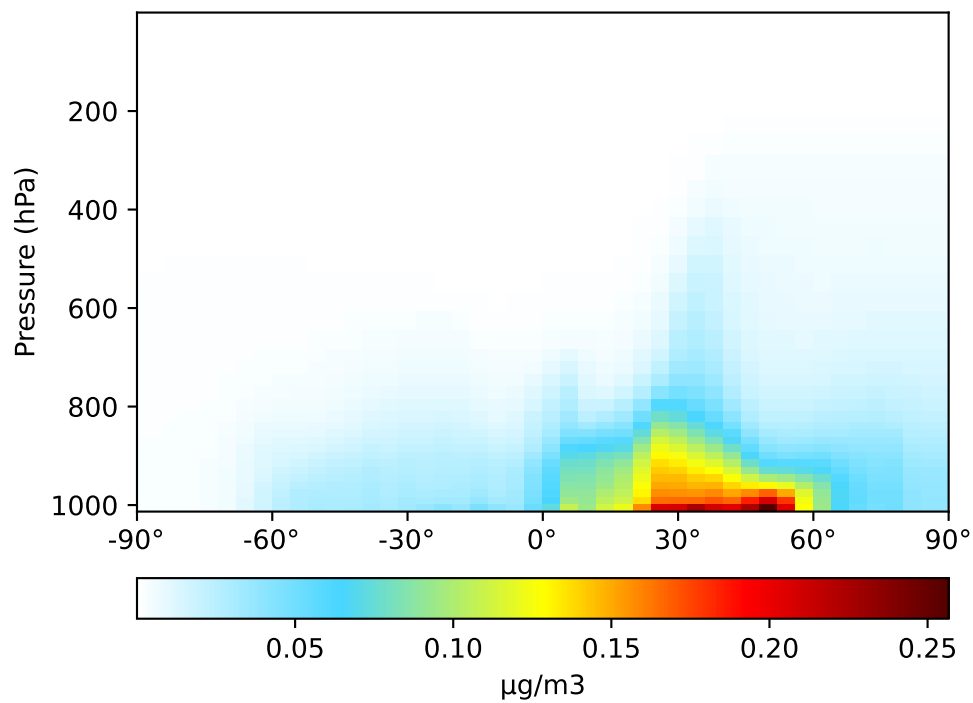


Ratio (1x1.25)  
Dev/Ref, Fixed Range

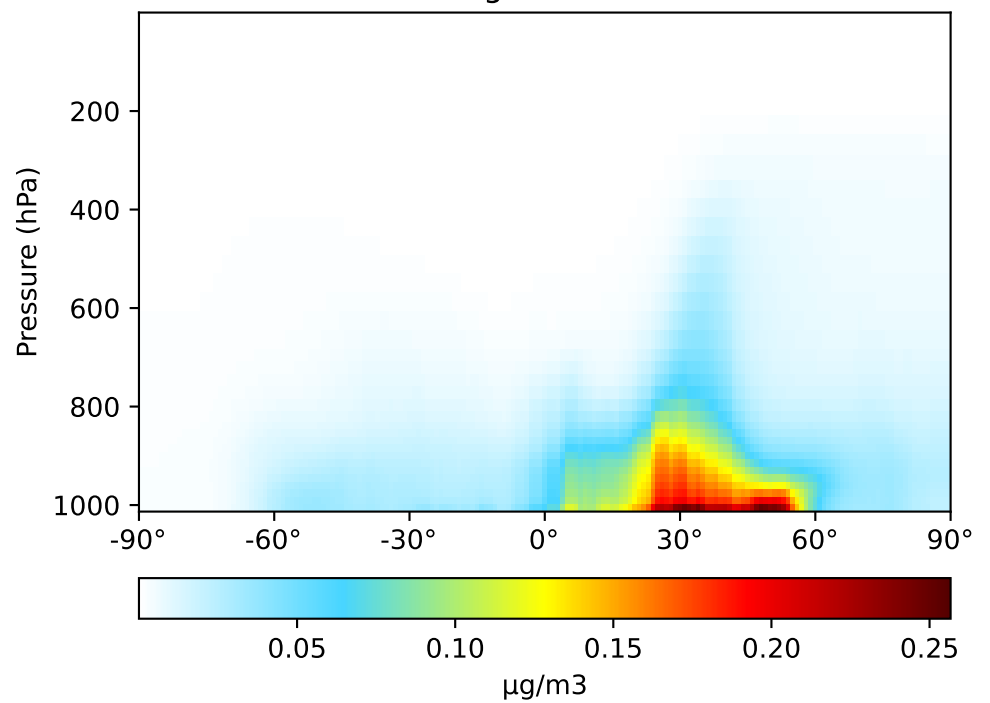


# SpeciesConc\_HMS, Zonal Mean (Jan2019)

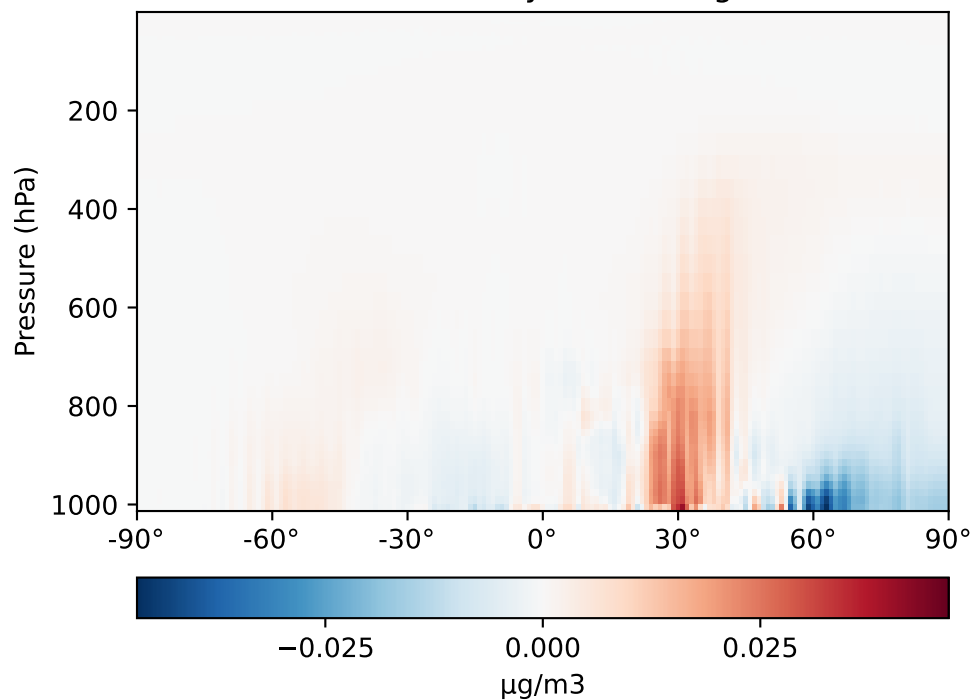
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



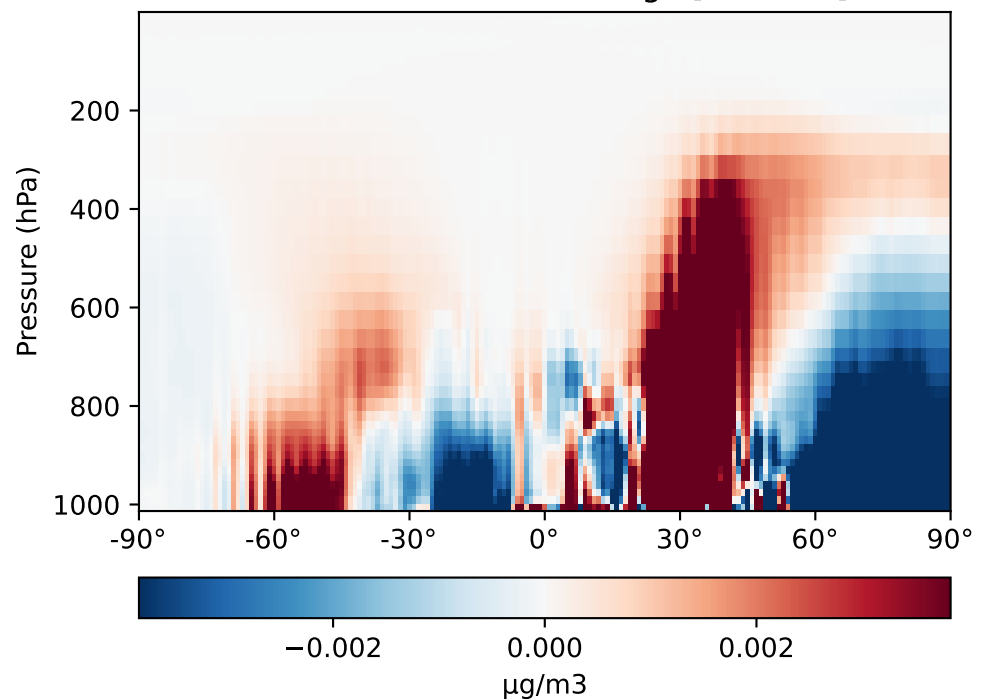
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



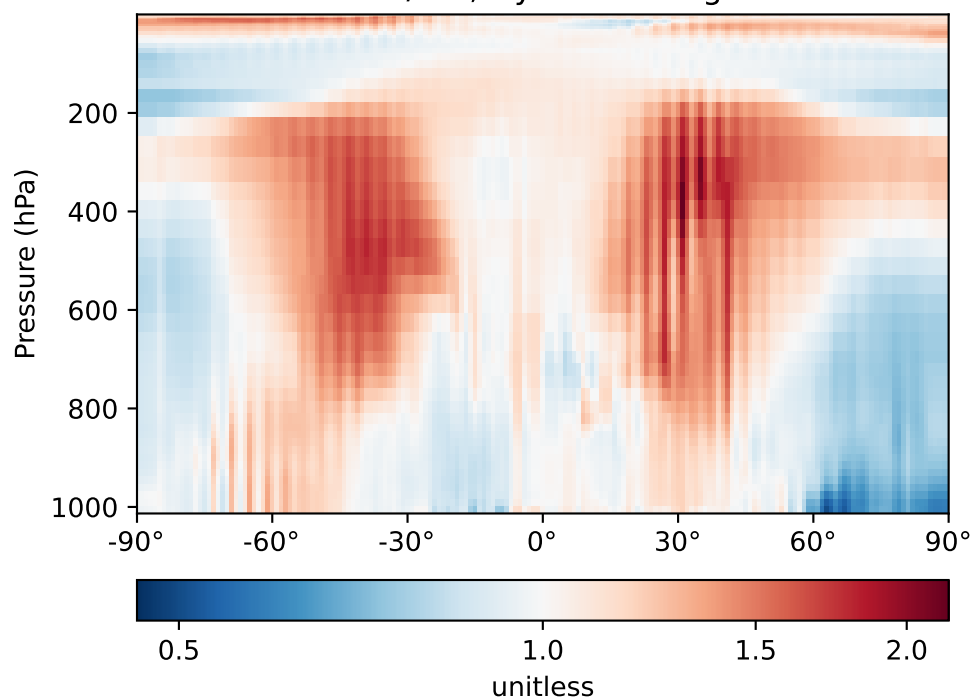
Difference (1x1.25)  
Dev - Ref, Dynamic Range



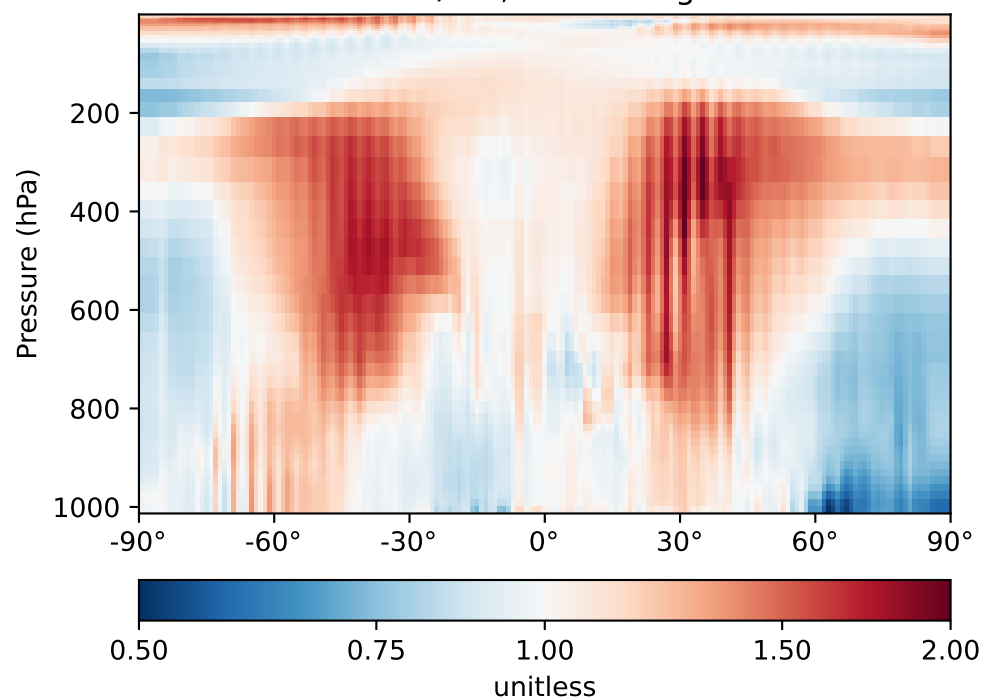
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



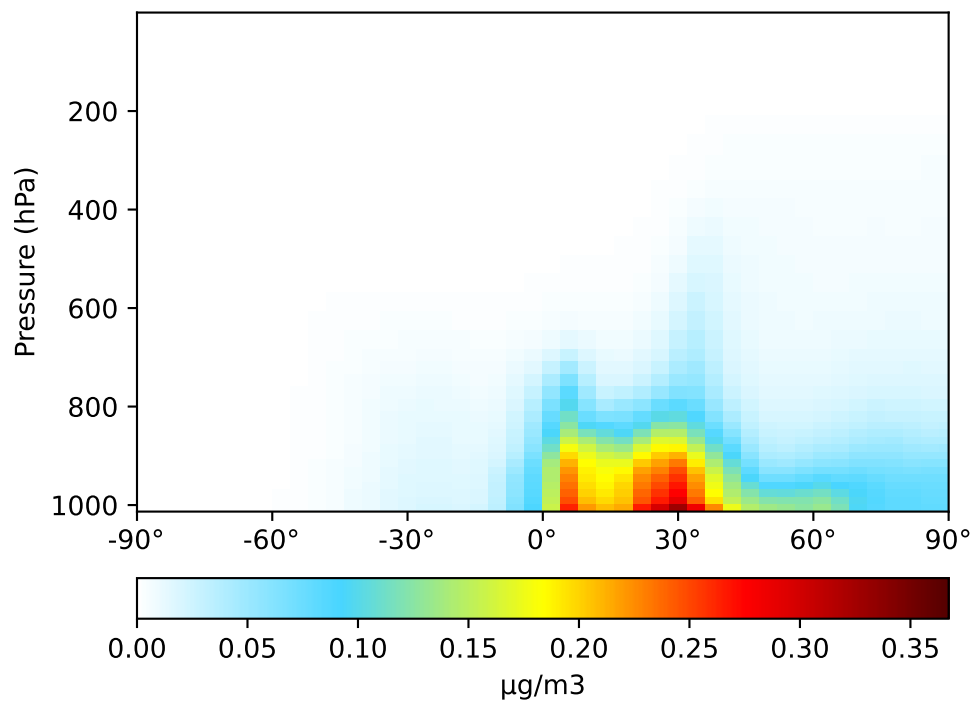
Ratio (1x1.25)  
Dev/Ref, Fixed Range



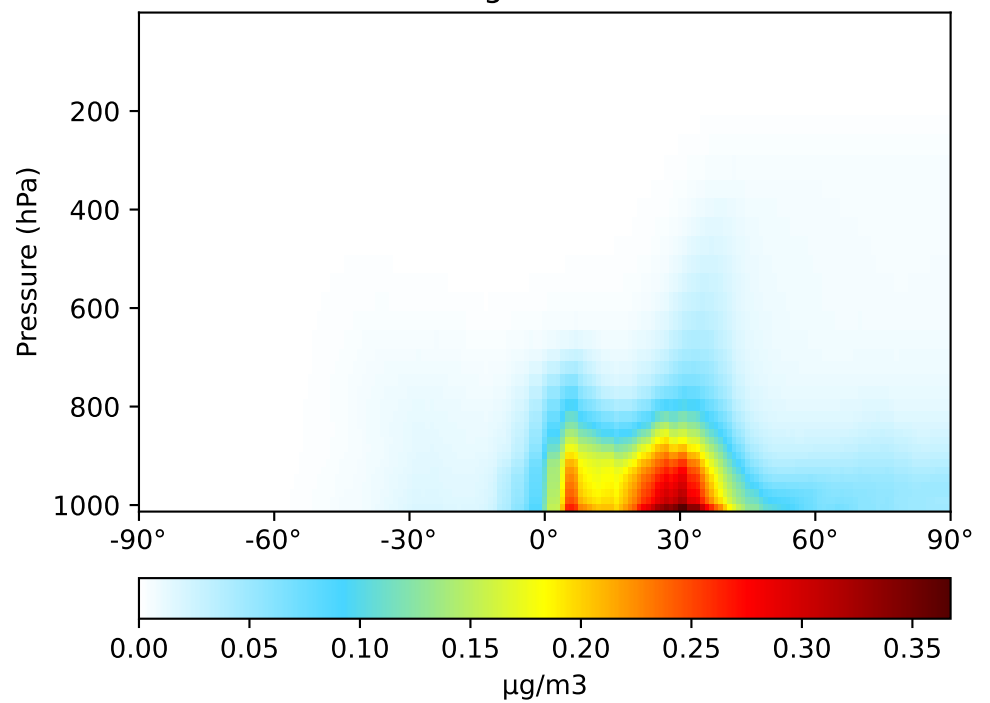


# SpeciesConc\_BCPI, Zonal Mean (Jan2019)

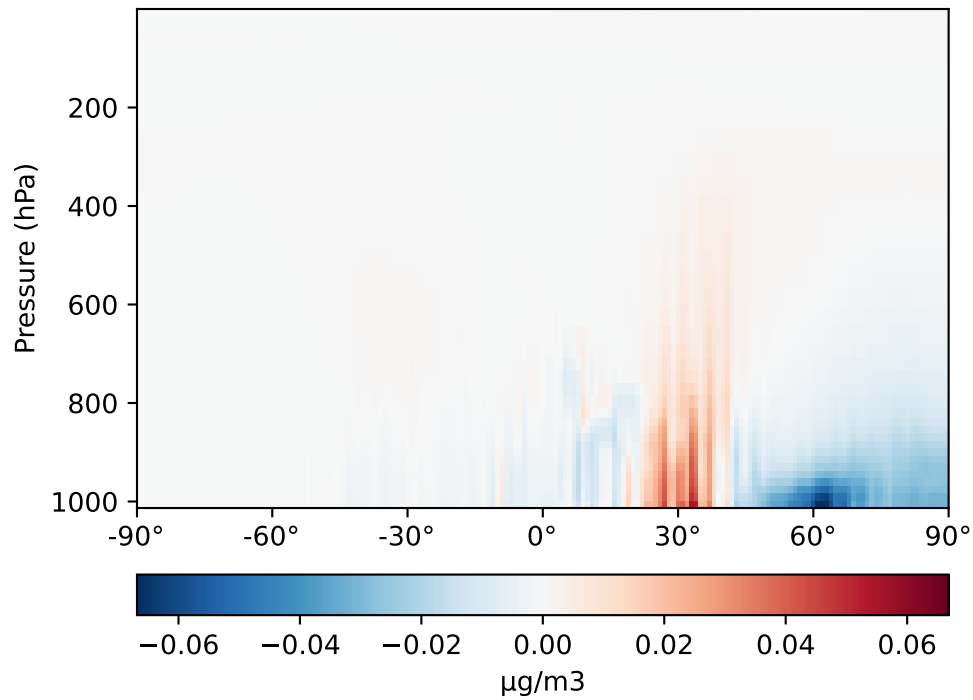
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



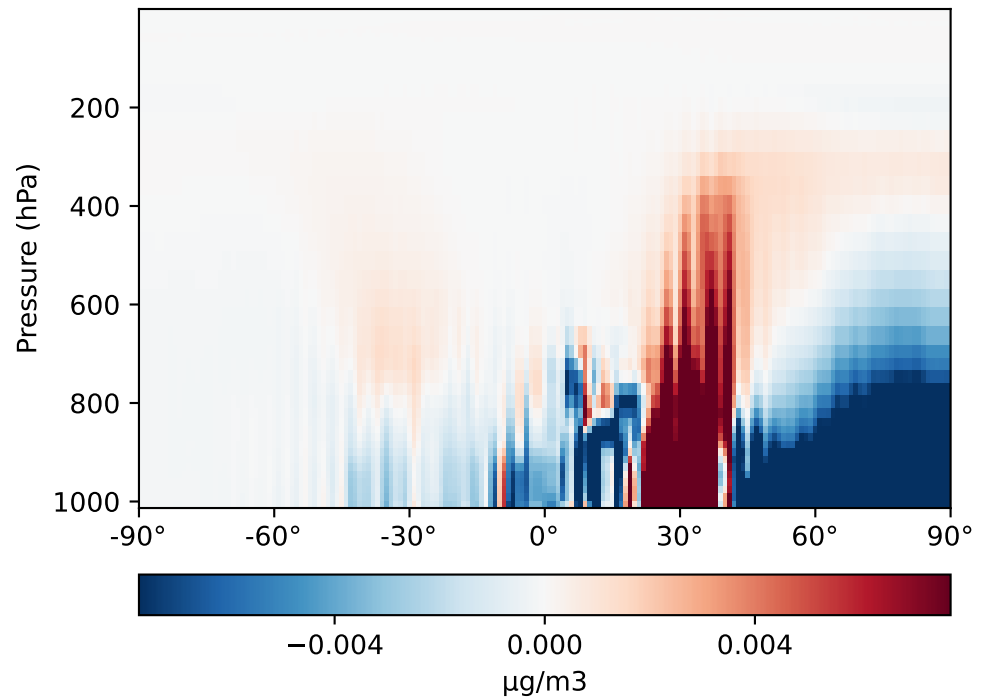
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



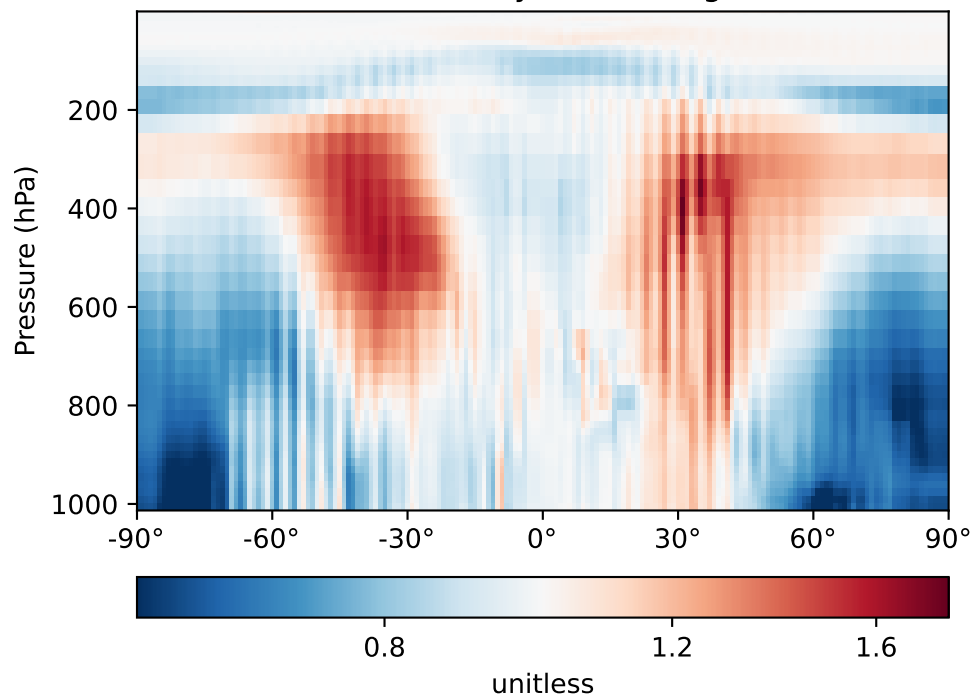
Difference (1x1.25)  
Dev - Ref, Dynamic Range



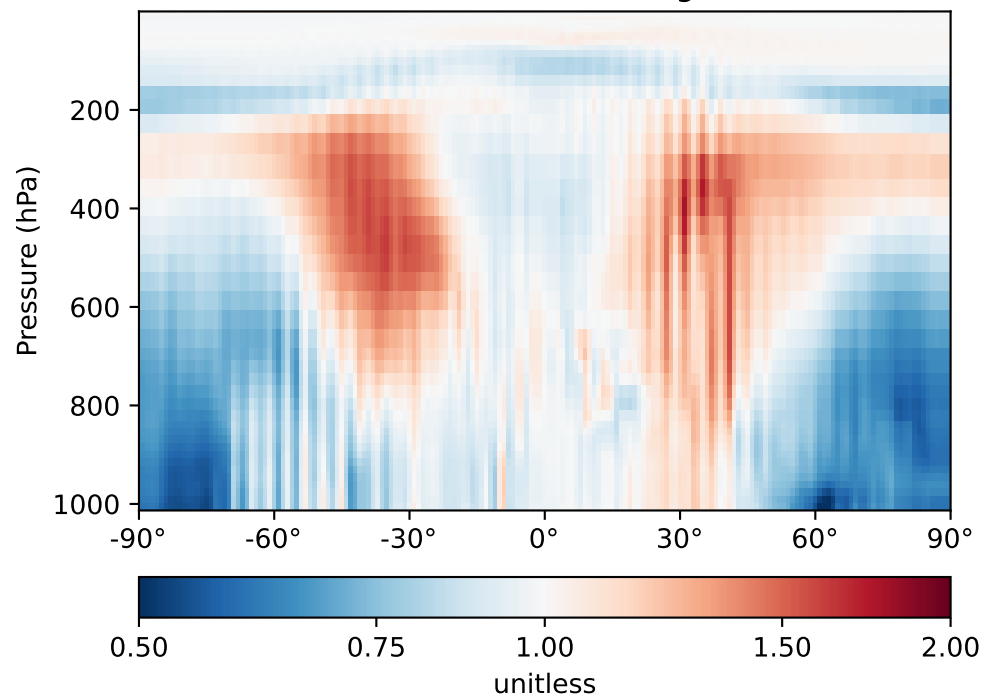
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

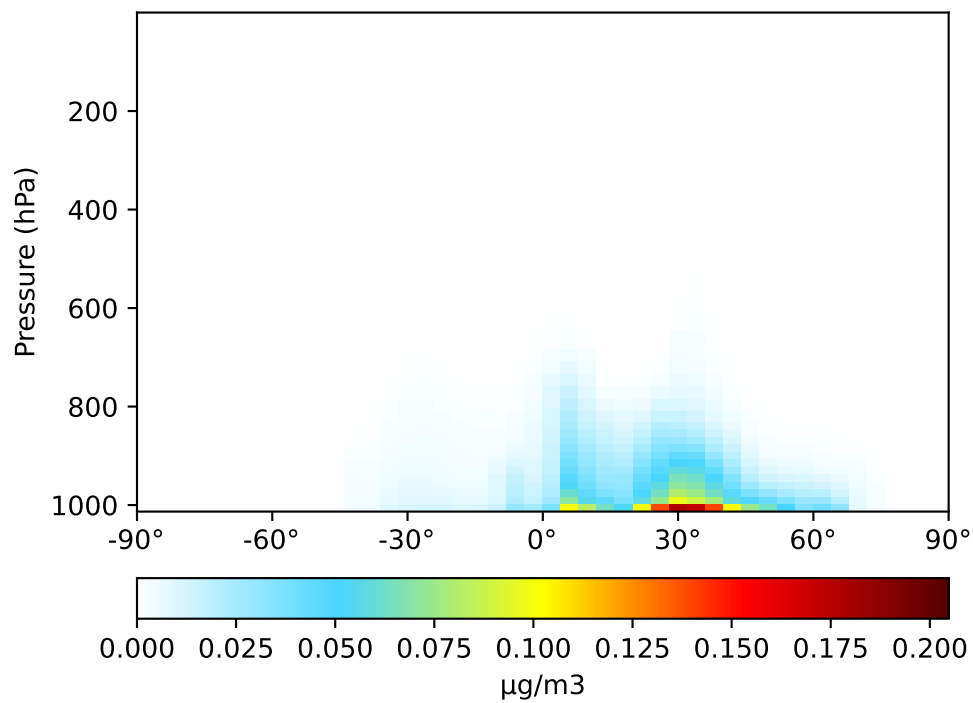


Ratio (1x1.25)  
Dev/Ref, Fixed Range

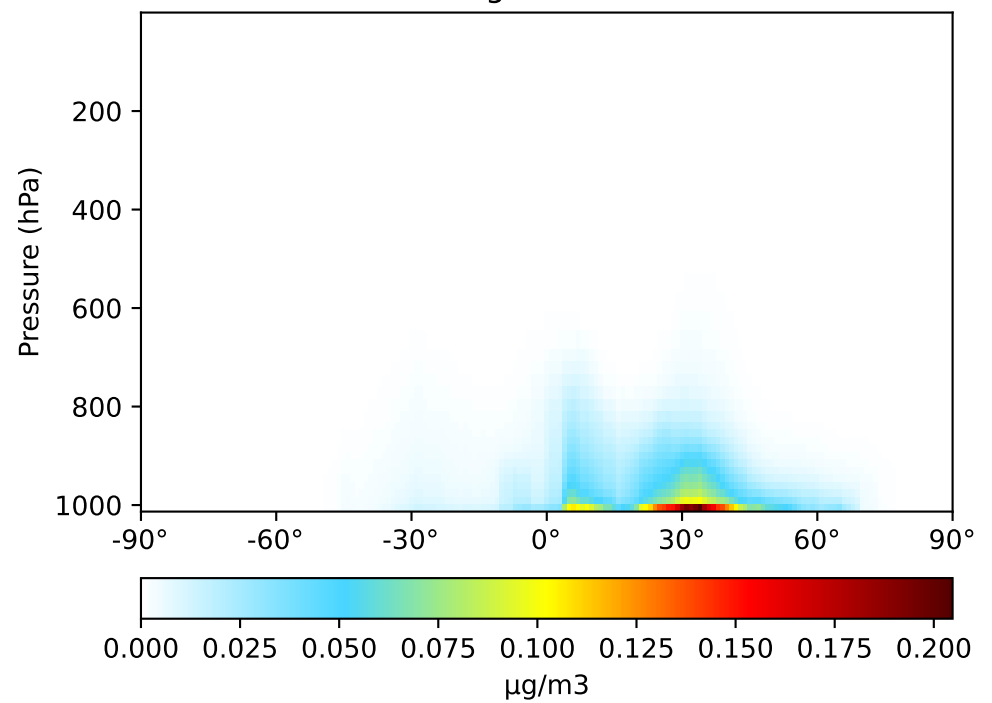


# SpeciesConc\_BCPO, Zonal Mean (Jan2019)

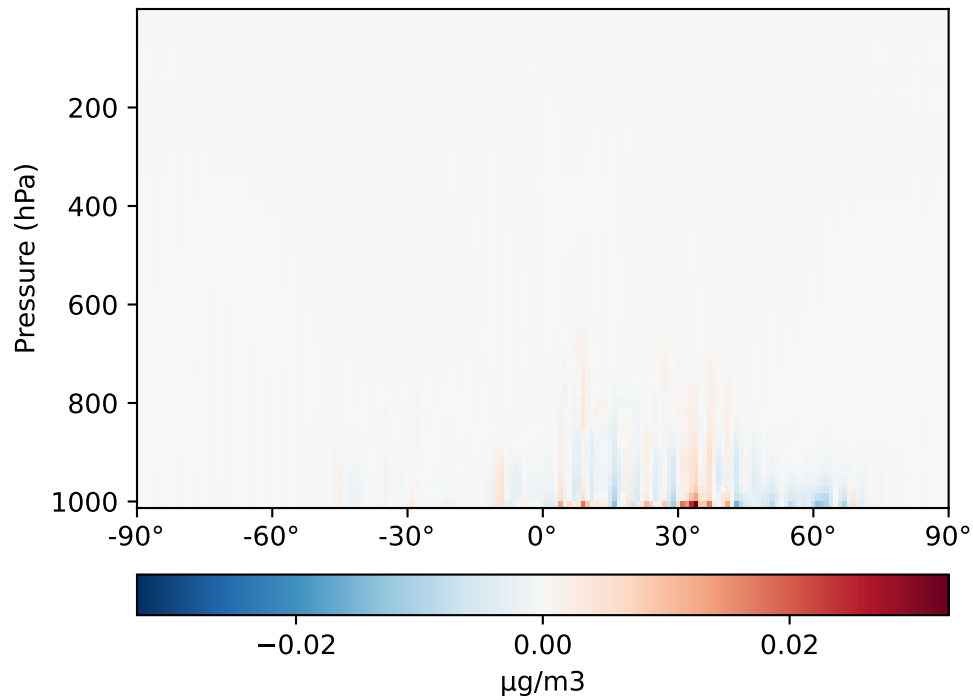
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



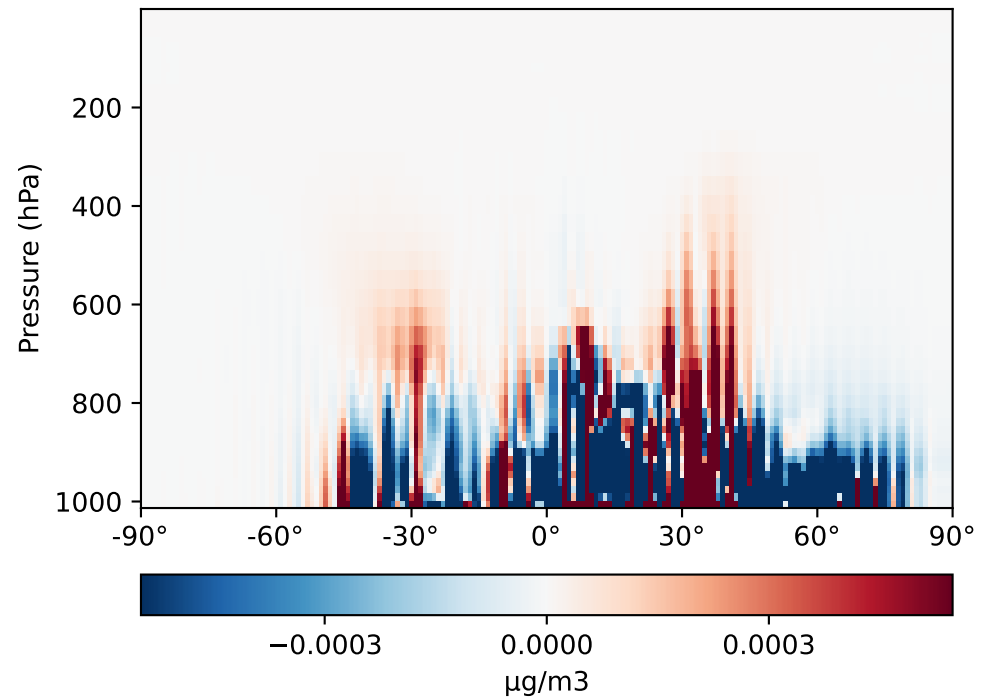
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



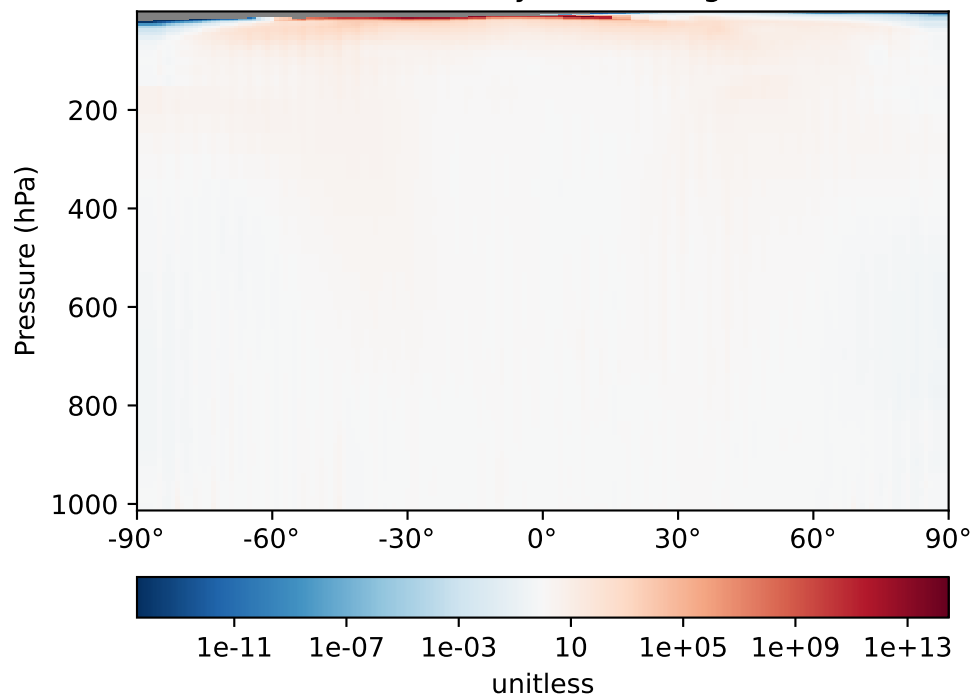
Difference (1x1.25)  
Dev - Ref, Dynamic Range



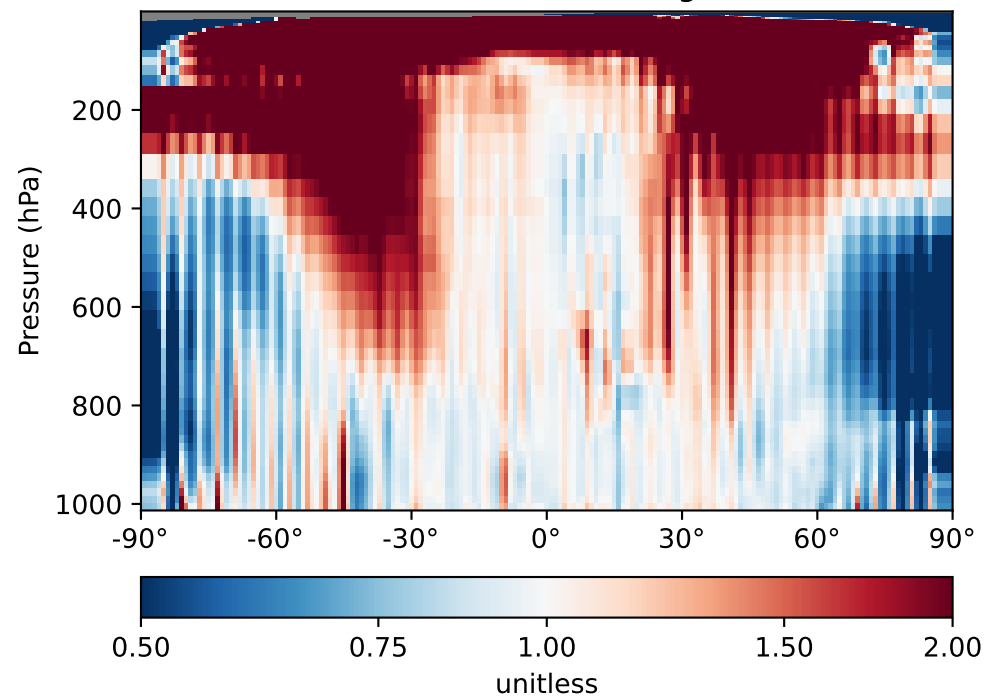
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

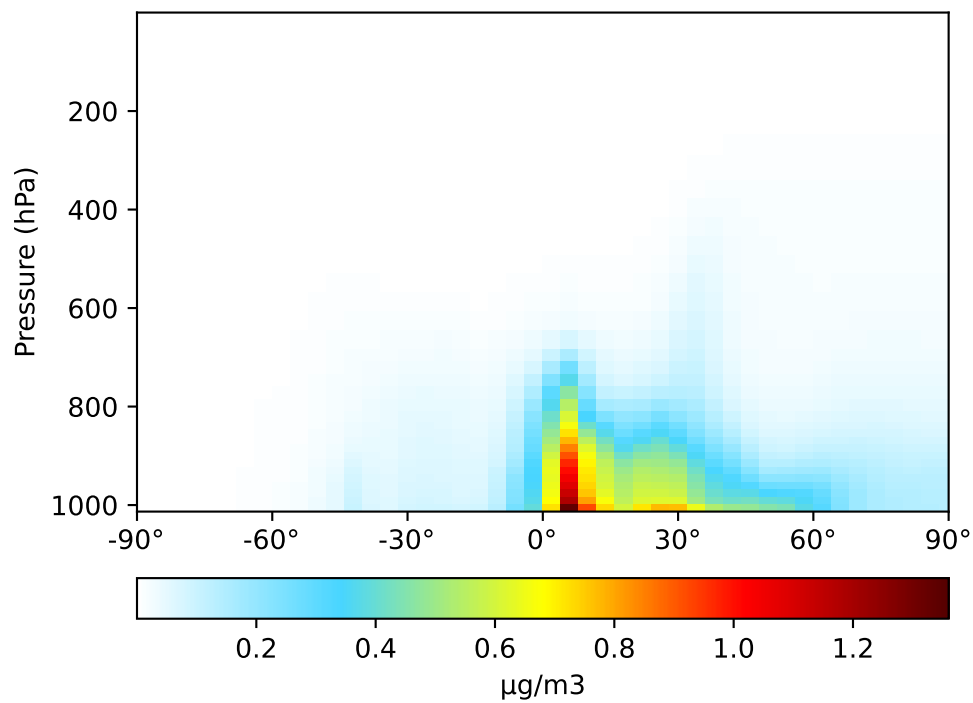


Ratio (1x1.25)  
Dev/Ref, Fixed Range

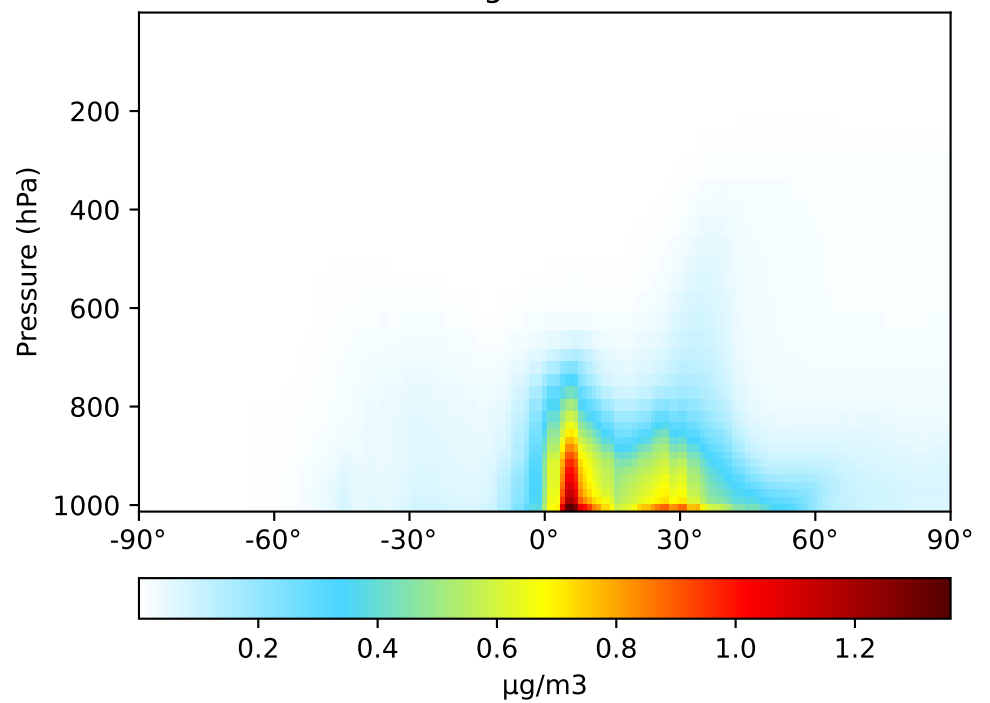


# SpeciesConc\_OCPI, Zonal Mean (Jan2019)

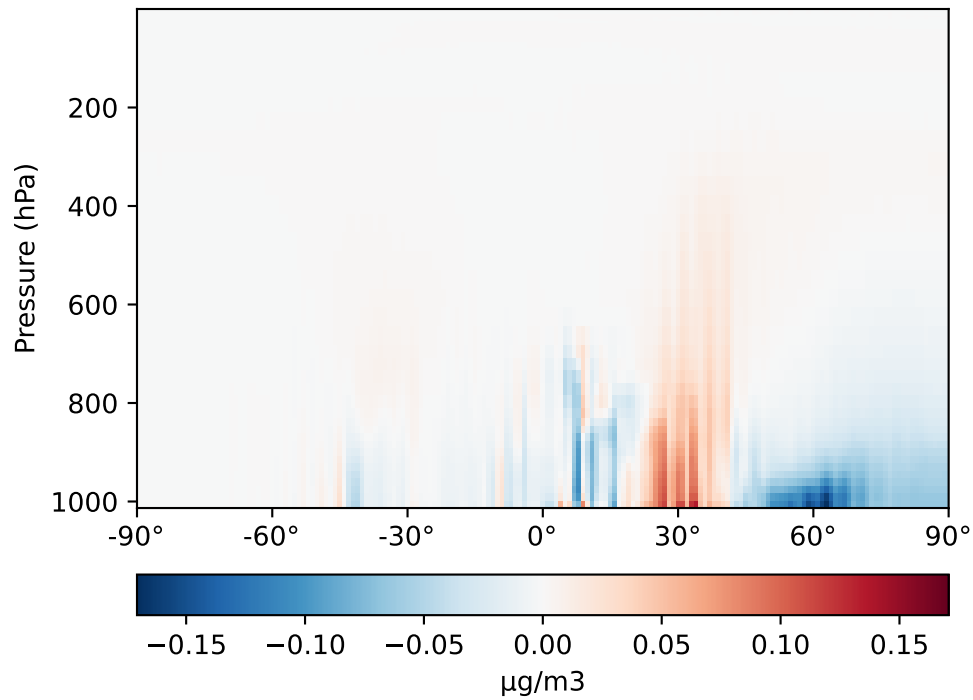
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



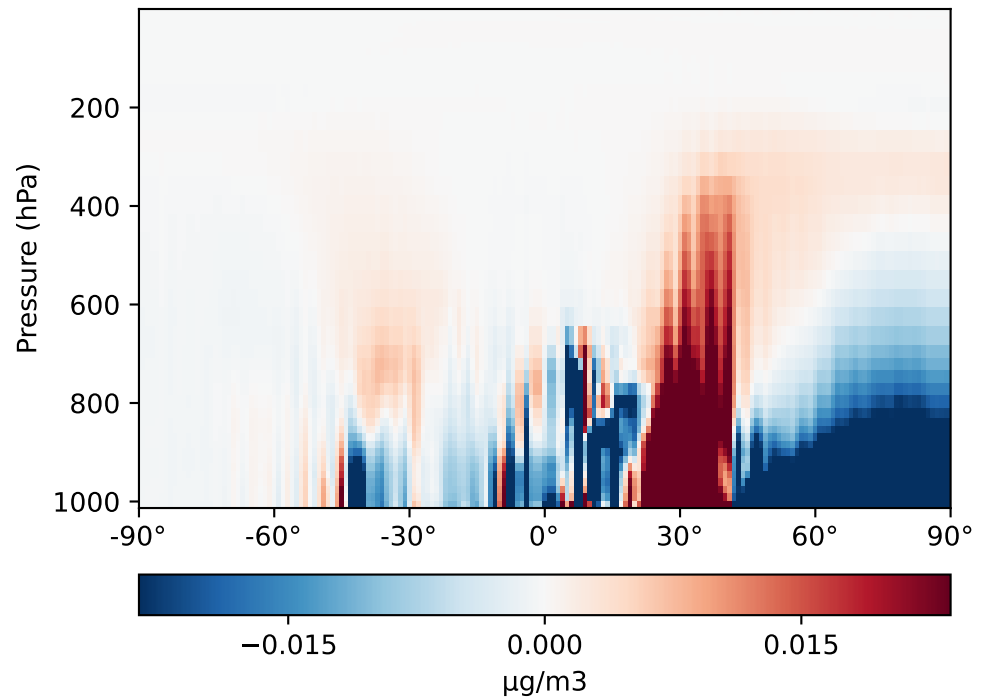
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



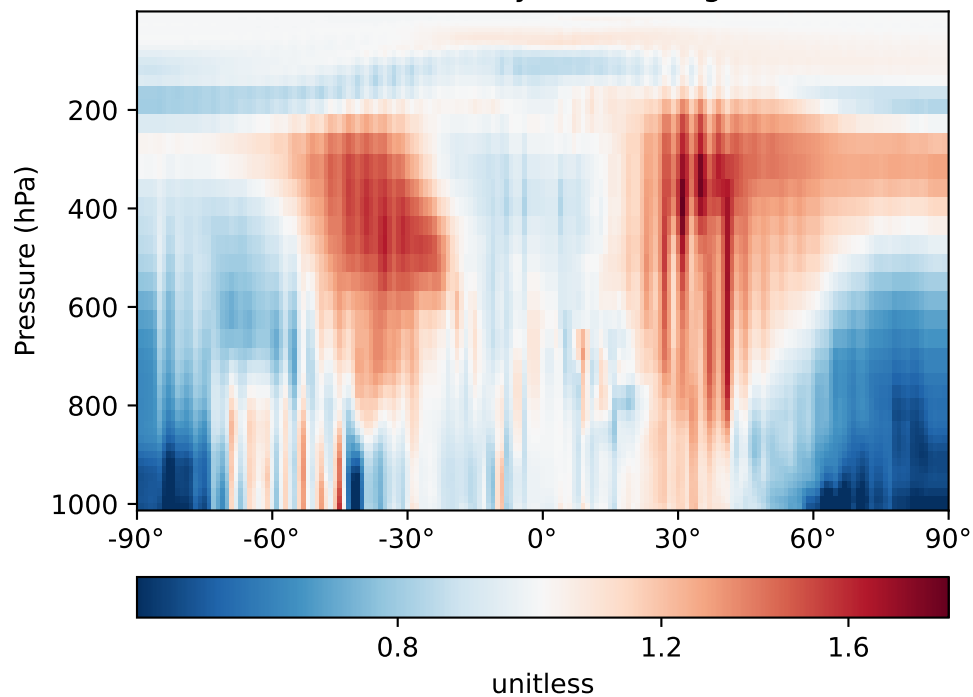
Difference (1x1.25)  
Dev - Ref, Dynamic Range



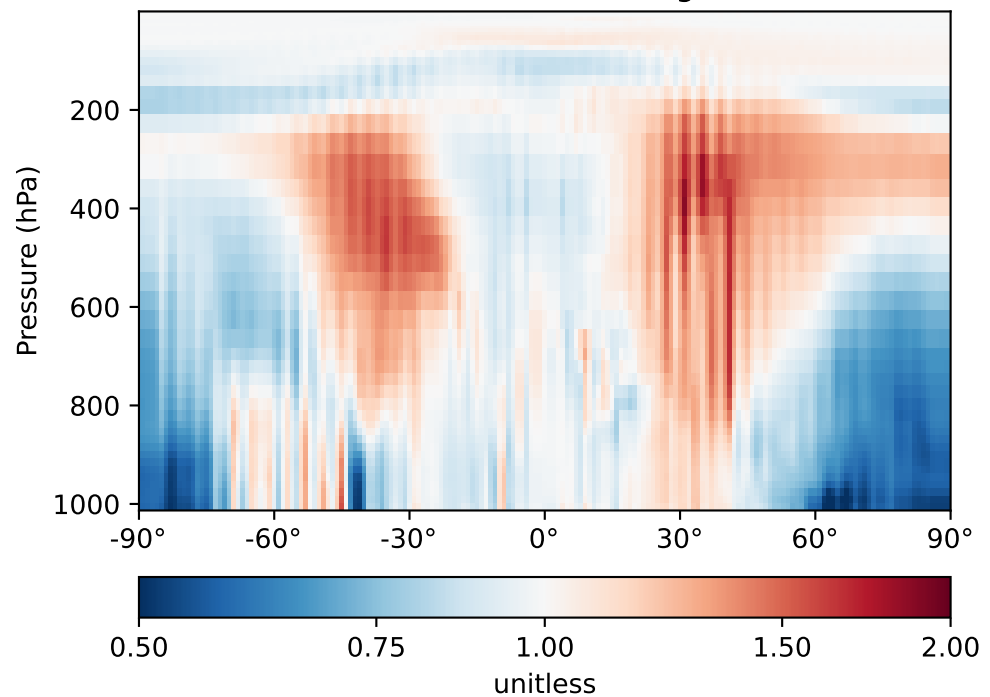
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

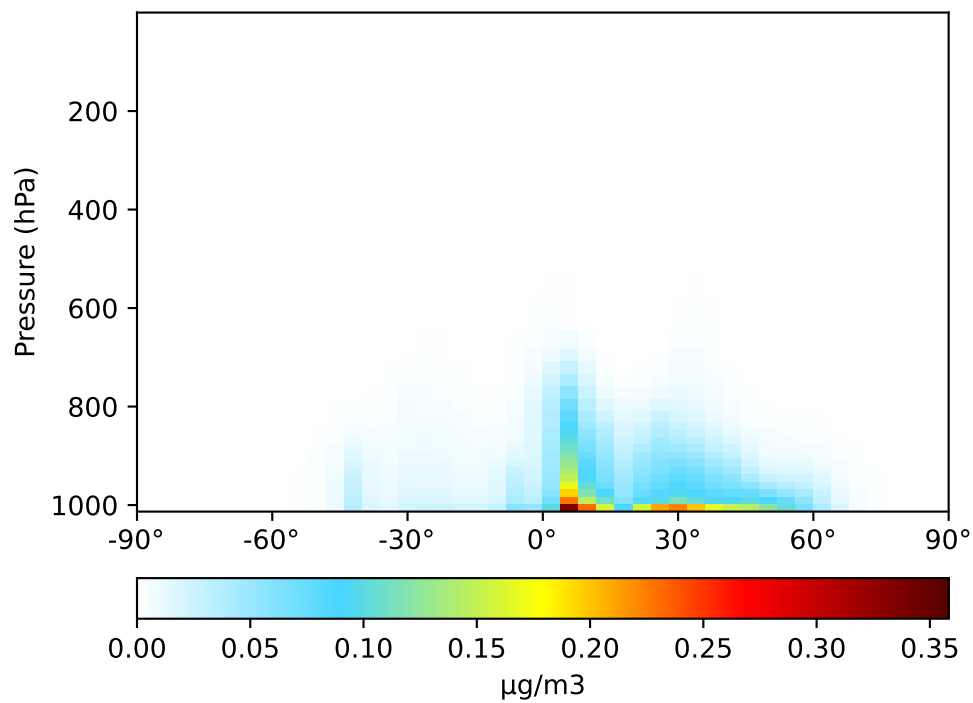


Ratio (1x1.25)  
Dev/Ref, Fixed Range

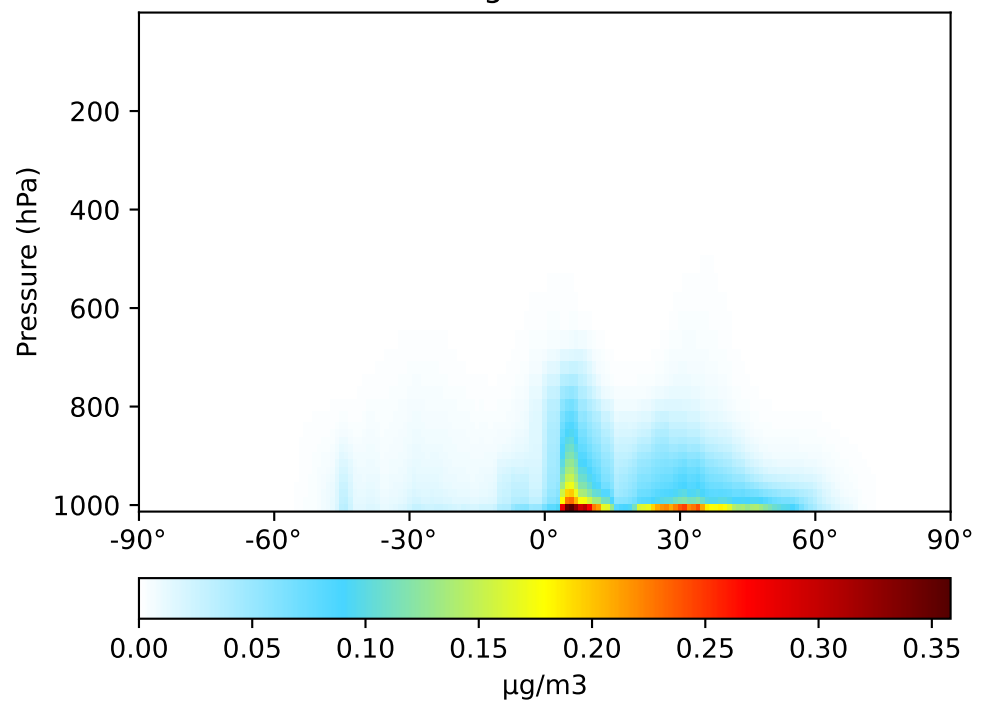


# SpeciesConc\_OCPO, Zonal Mean (Jan2019)

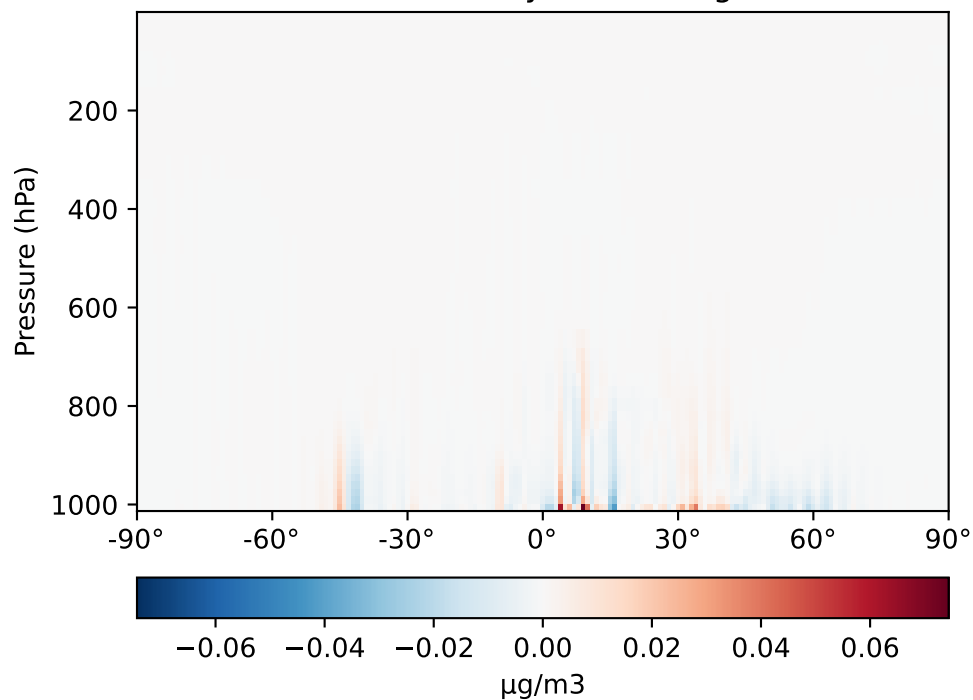
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



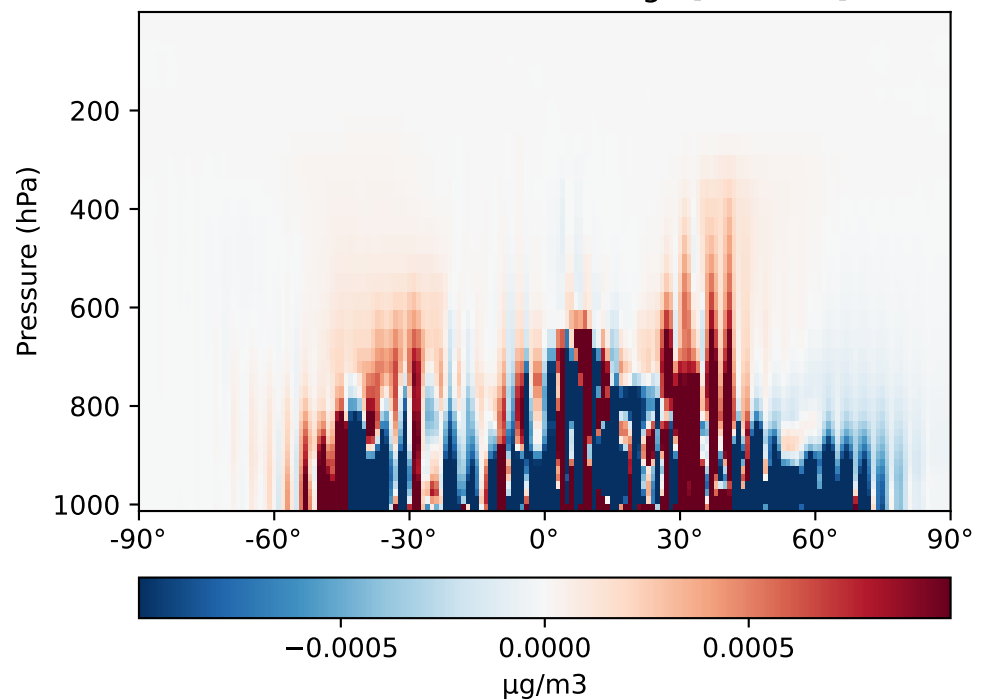
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



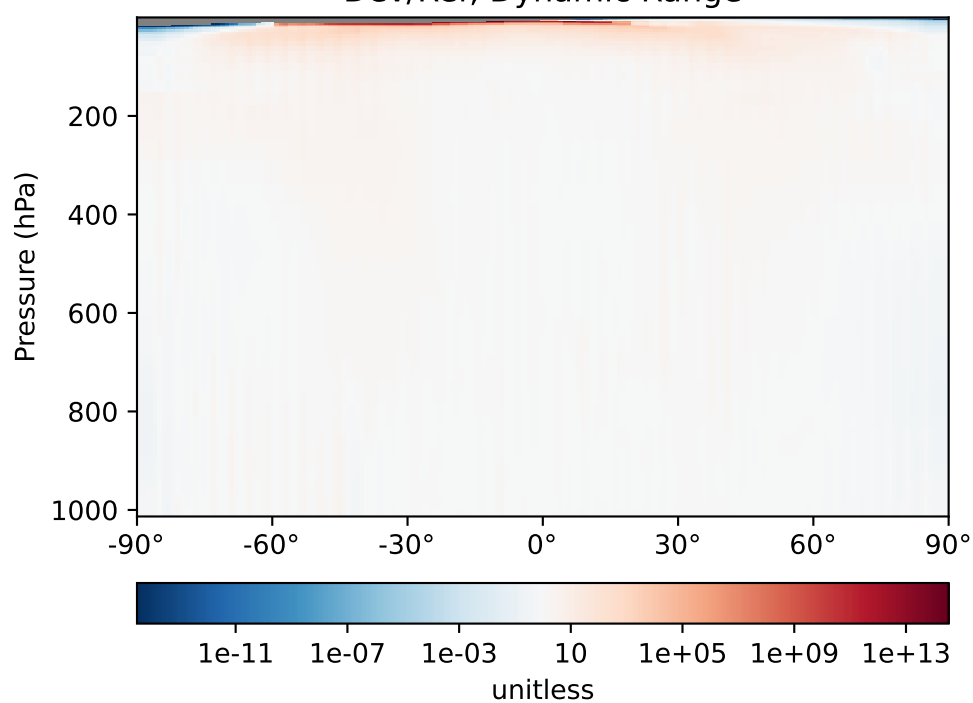
Difference (1x1.25)  
Dev - Ref, Dynamic Range



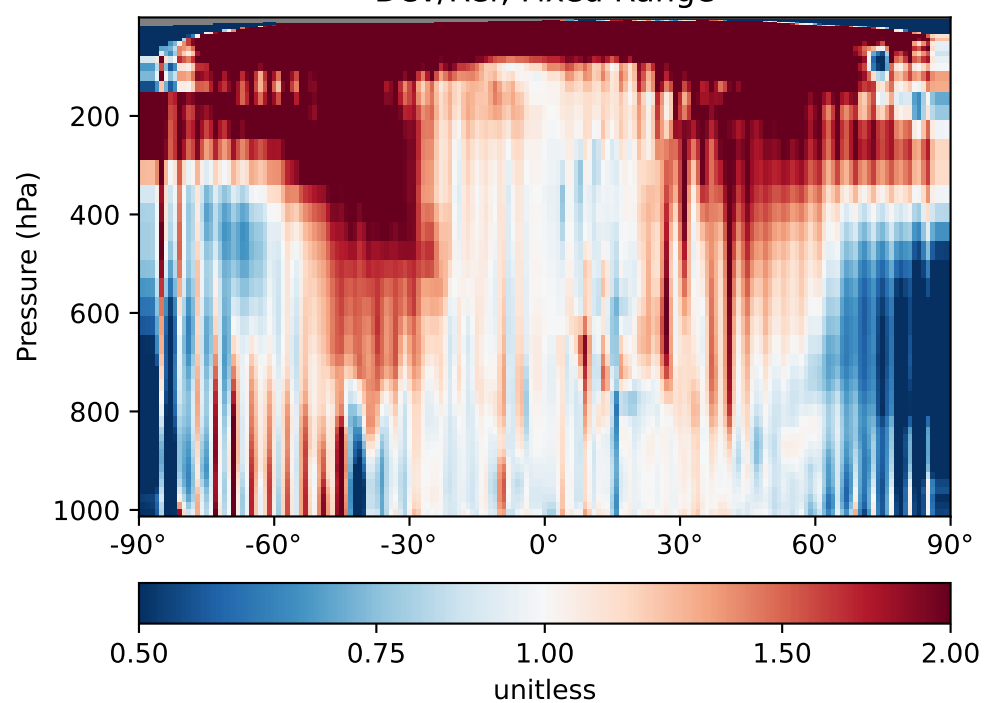
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

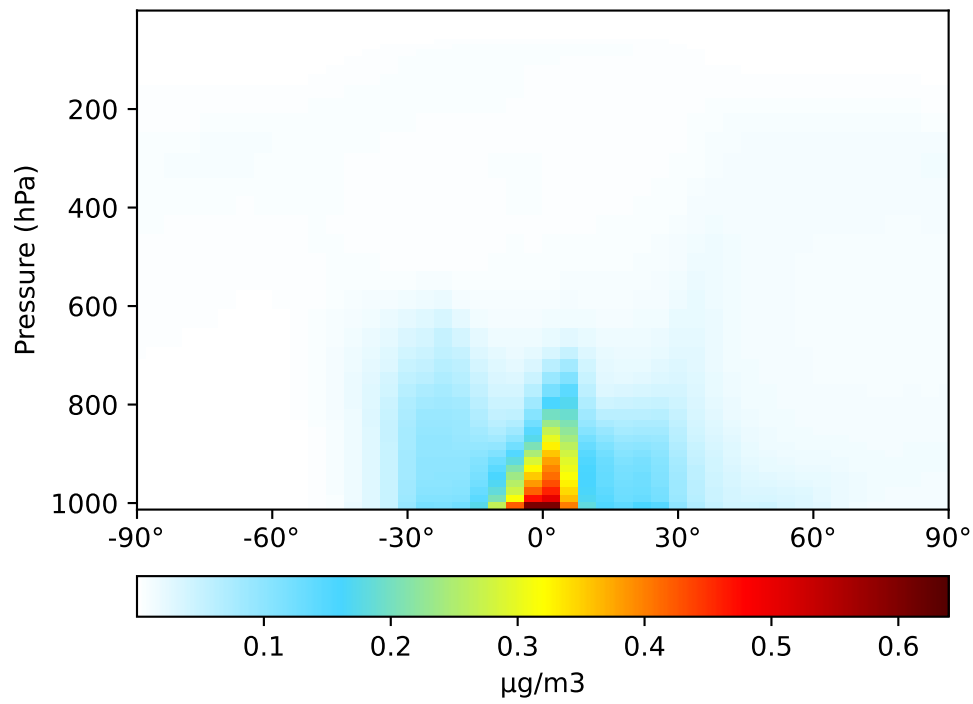


Ratio (1x1.25)  
Dev/Ref, Fixed Range

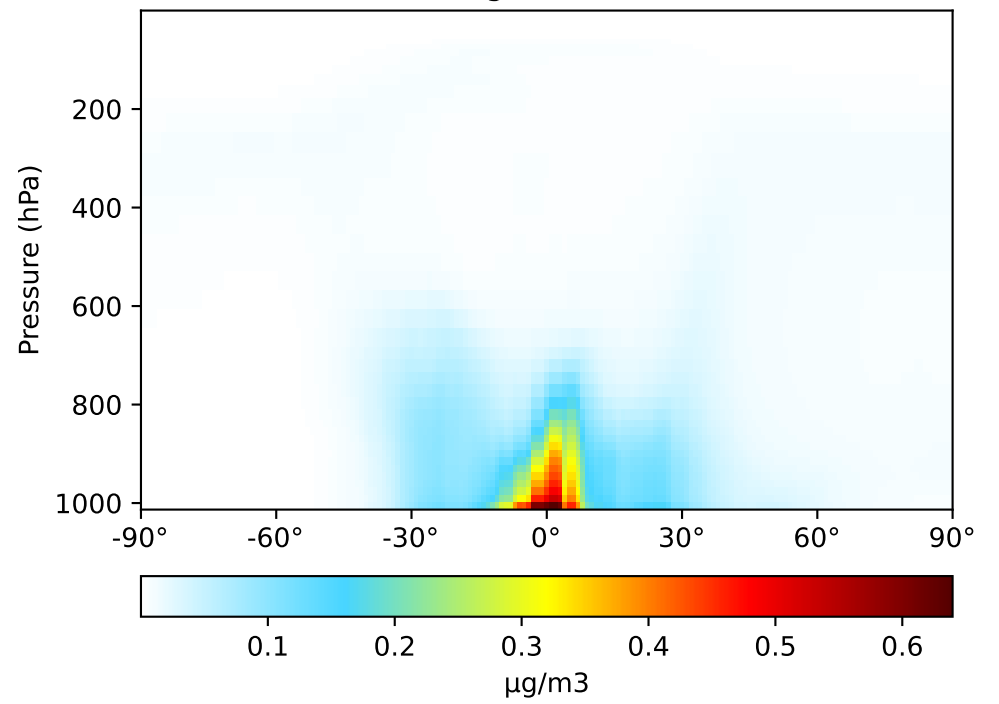


# SpeciesConc\_Complex\_SOA, Zonal Mean (Jan2019)

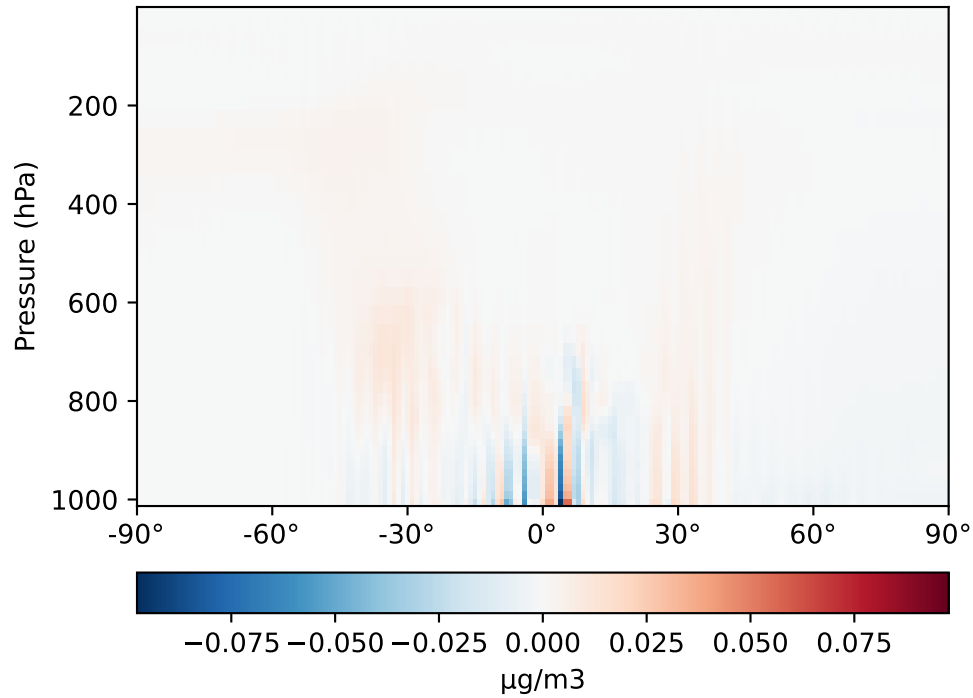
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



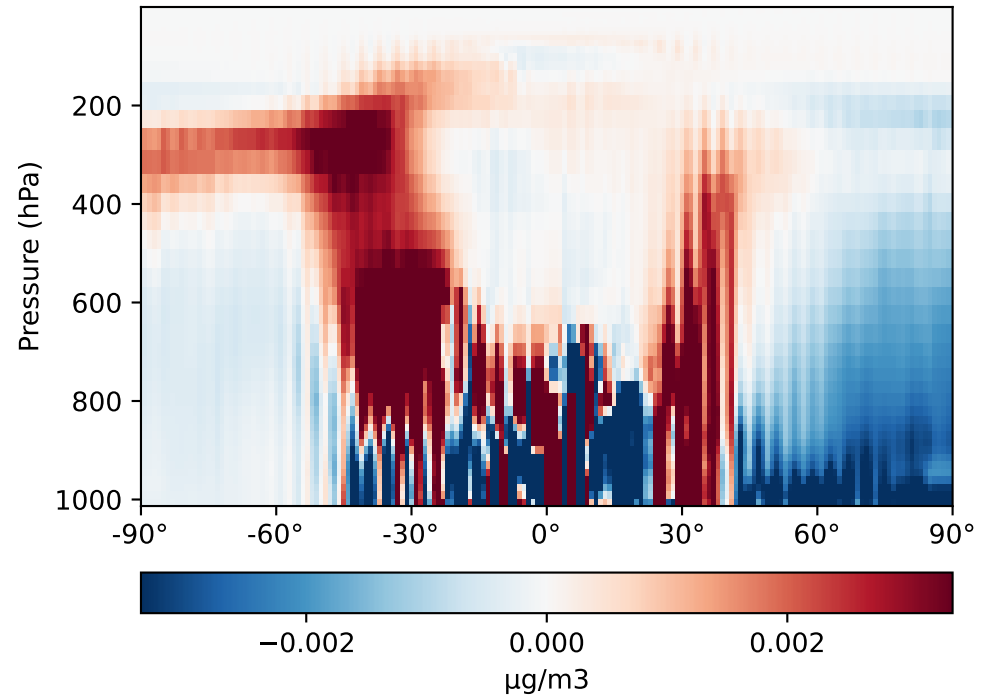
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



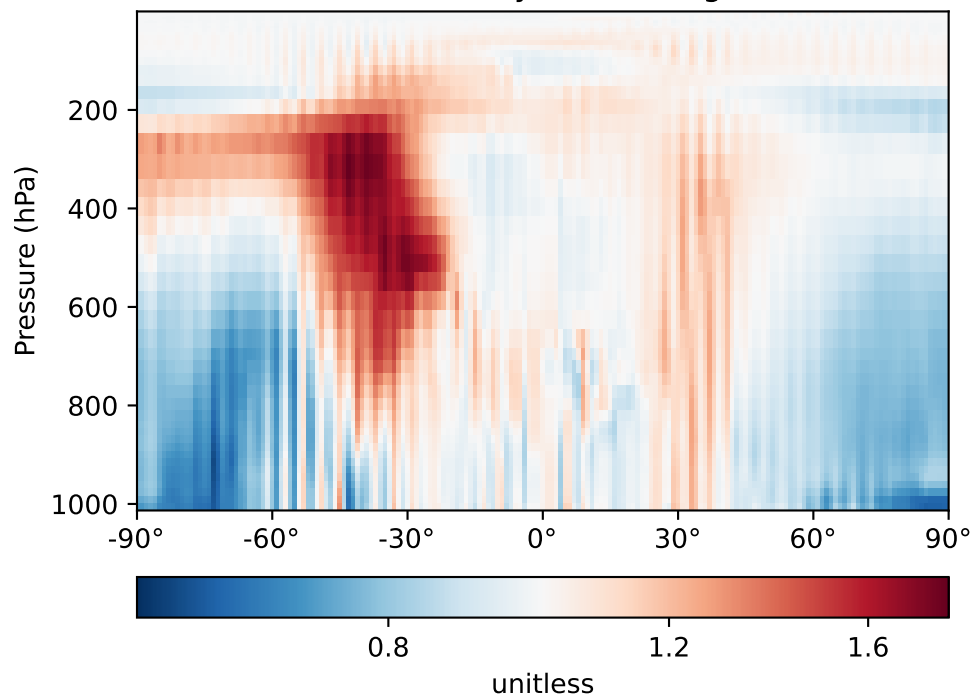
Difference (1x1.25)  
Dev - Ref, Dynamic Range



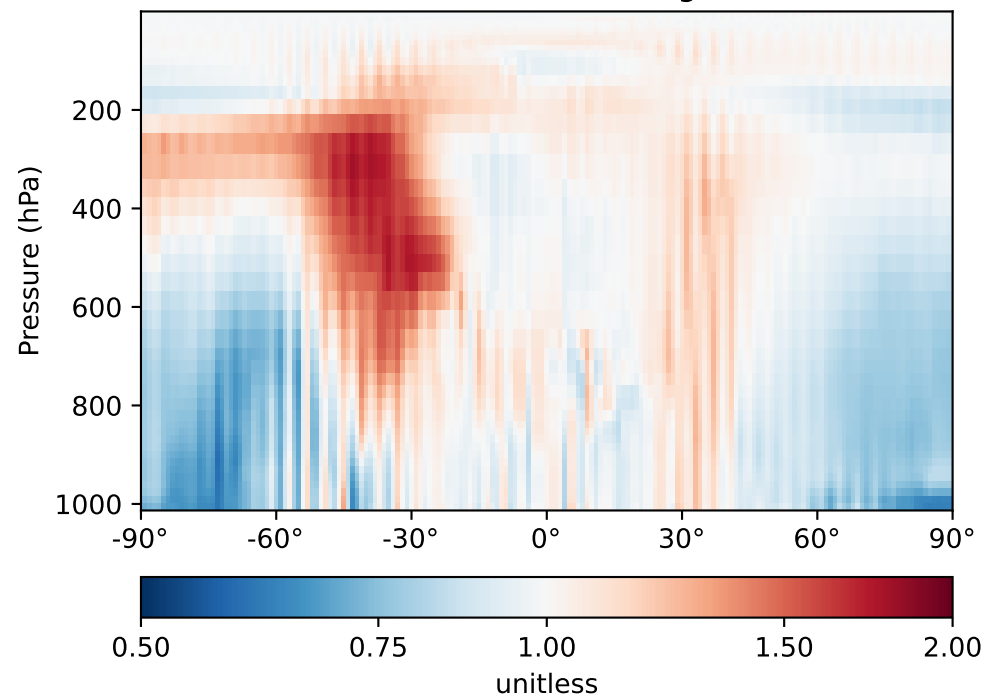
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

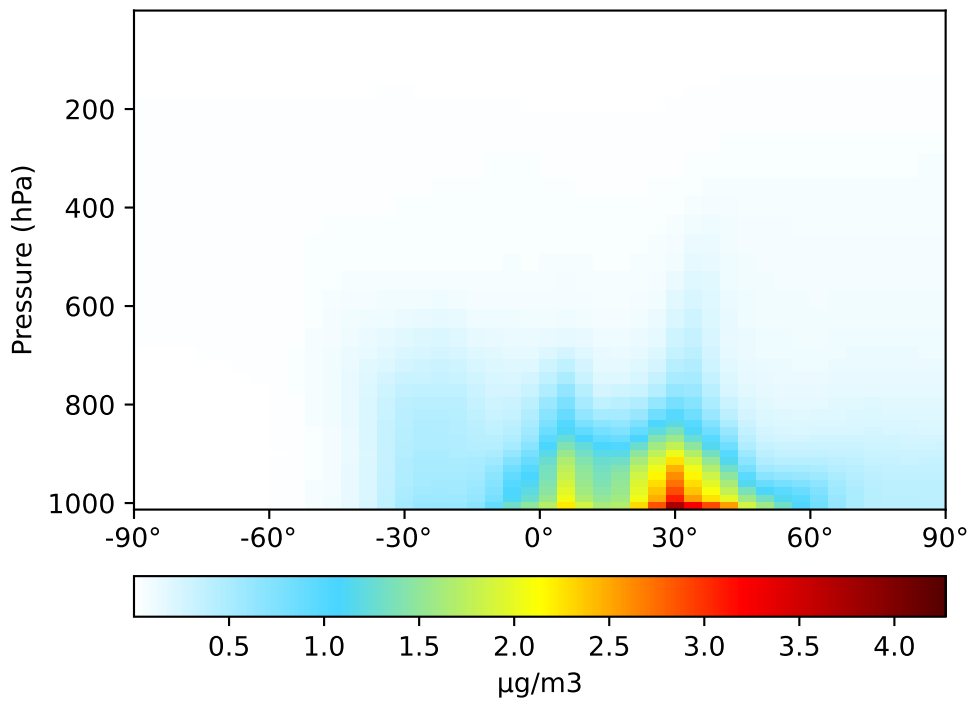


Ratio (1x1.25)  
Dev/Ref, Fixed Range

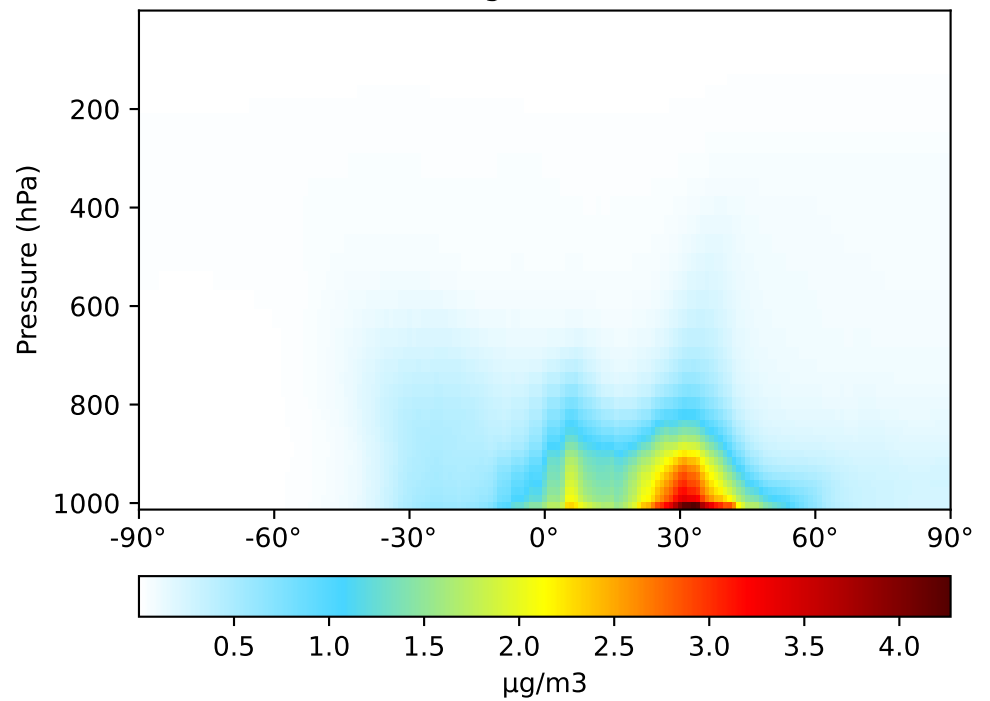


# SpeciesConc\_Simple\_SOA, Zonal Mean (Jan2019)

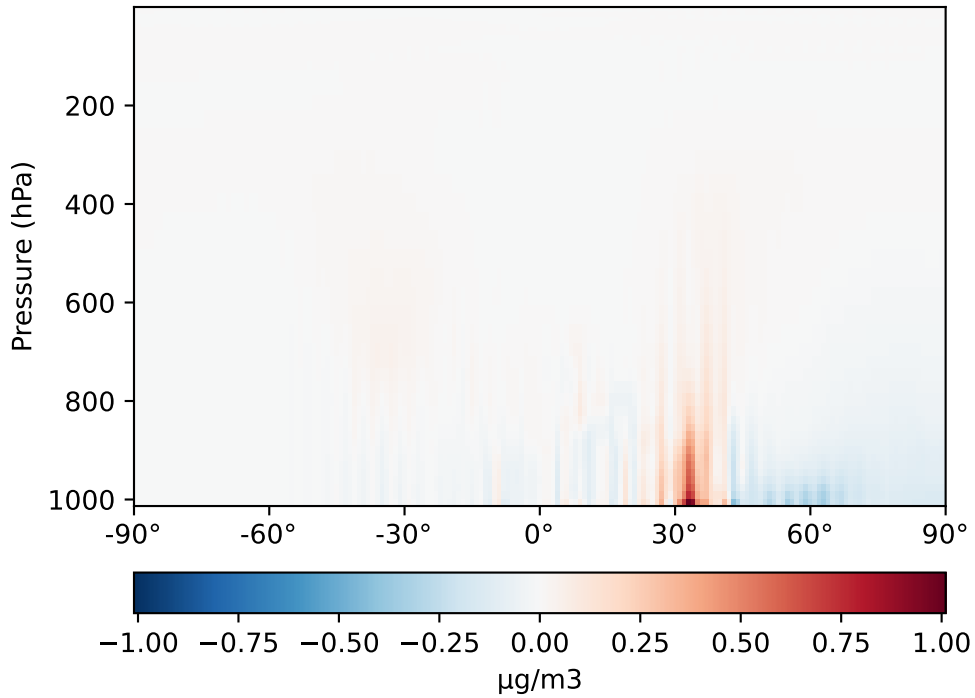
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



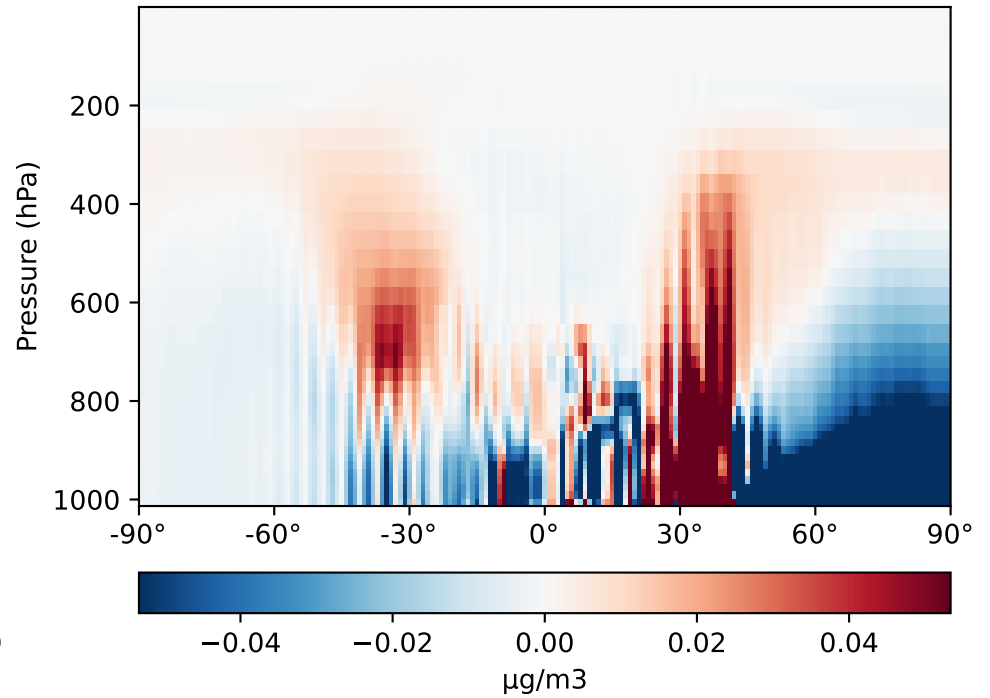
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



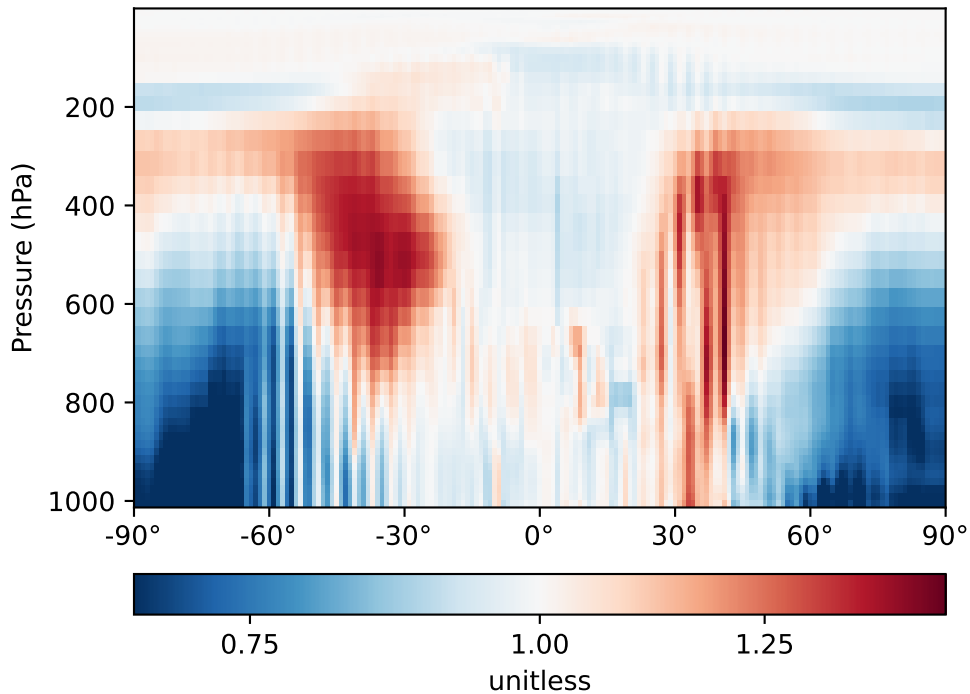
Difference (1x1.25)  
Dev - Ref, Dynamic Range



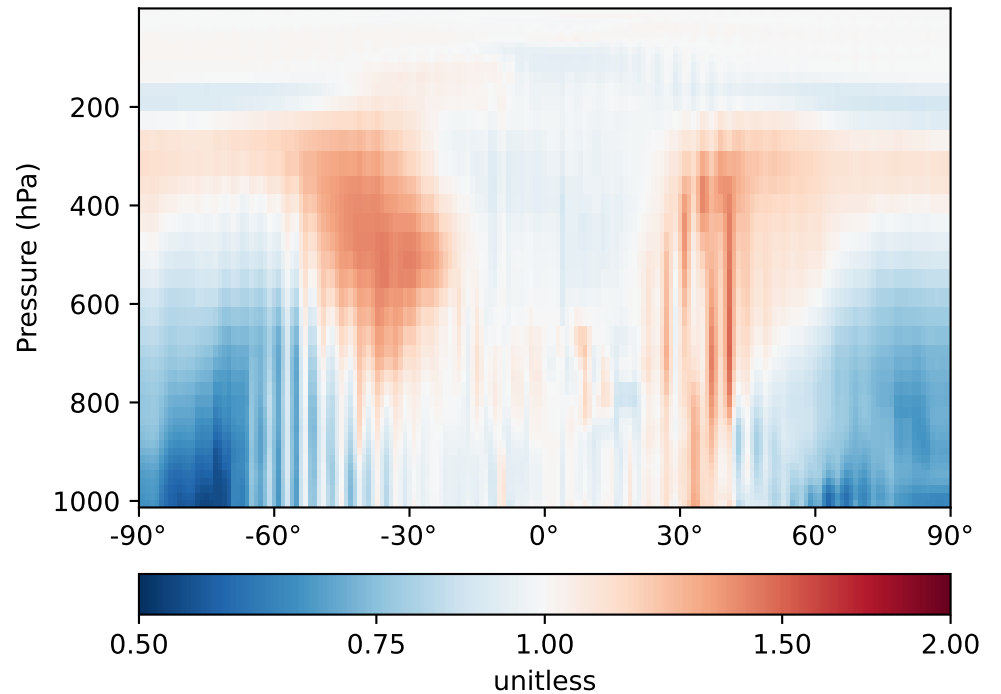
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

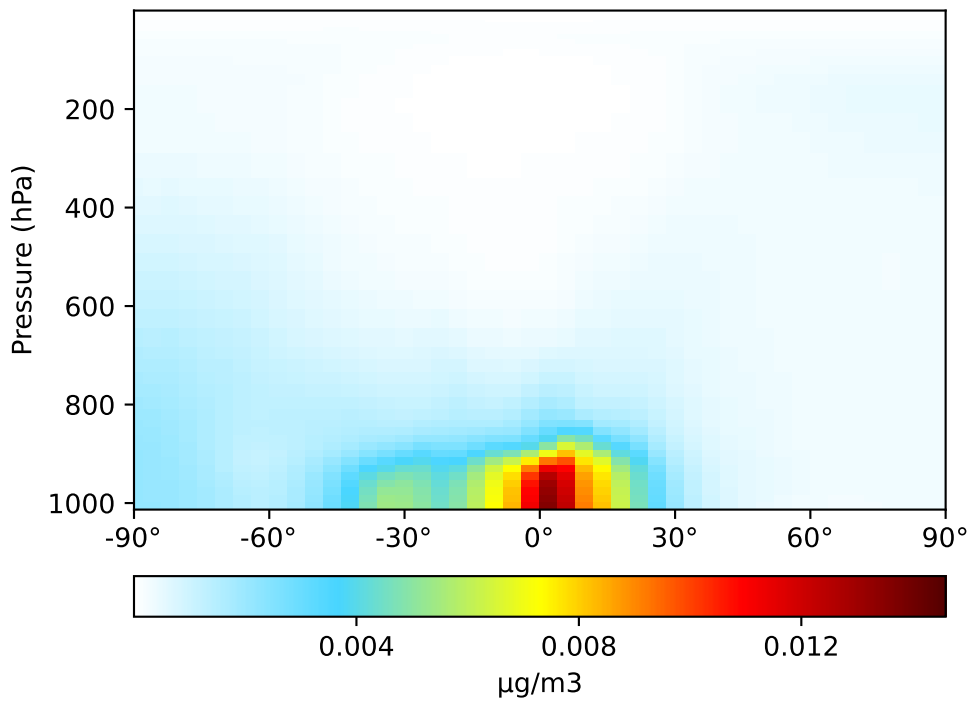


Ratio (1x1.25)  
Dev/Ref, Fixed Range

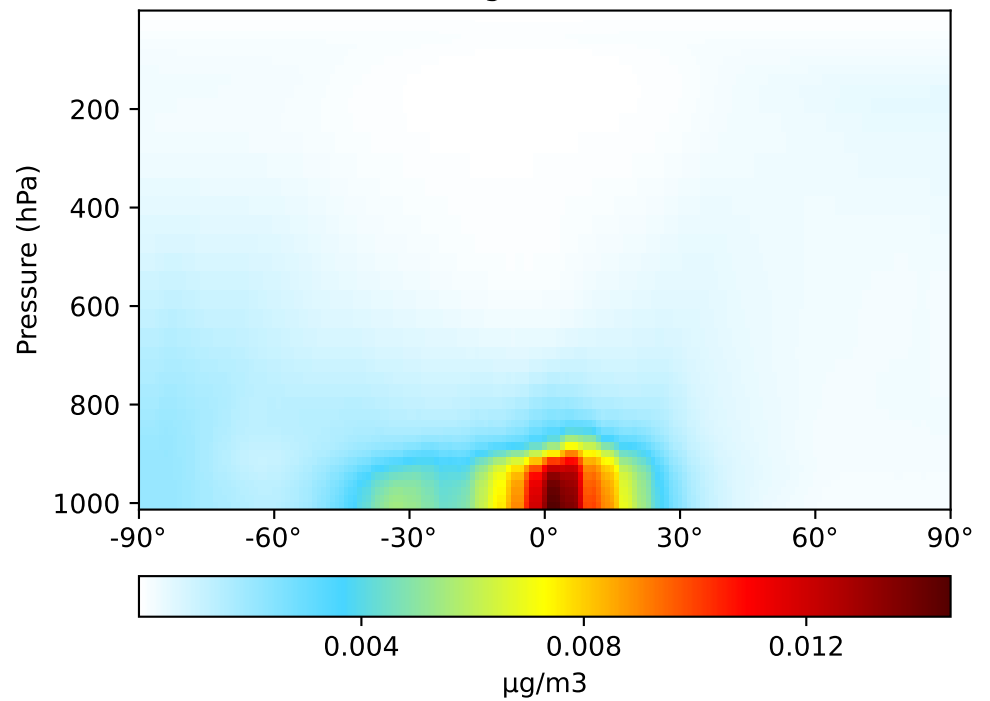


# SpeciesConc\_AERI, Zonal Mean (Jan2019)

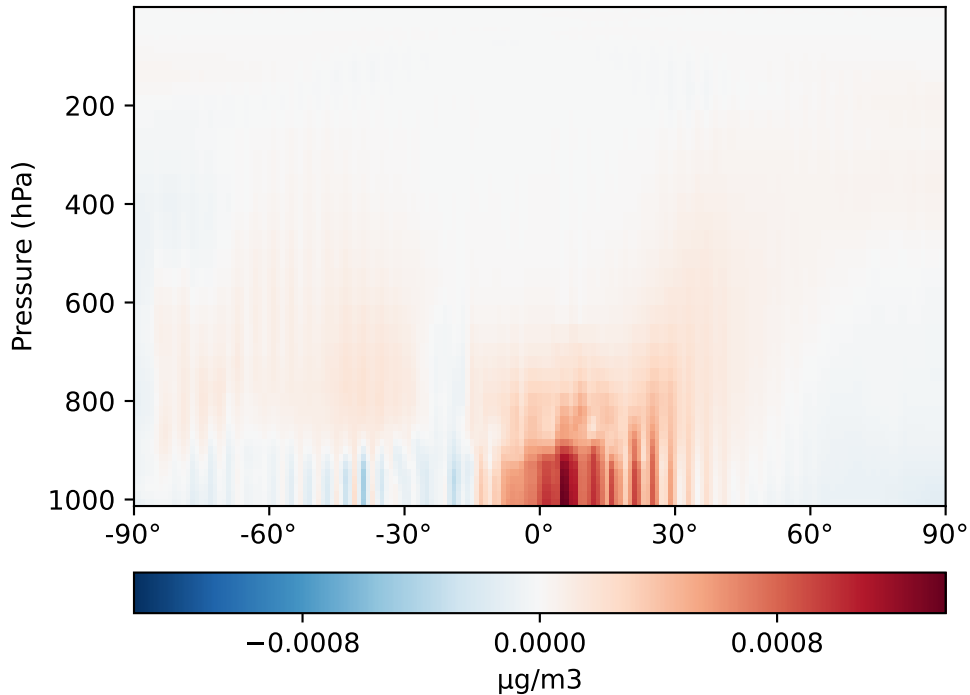
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



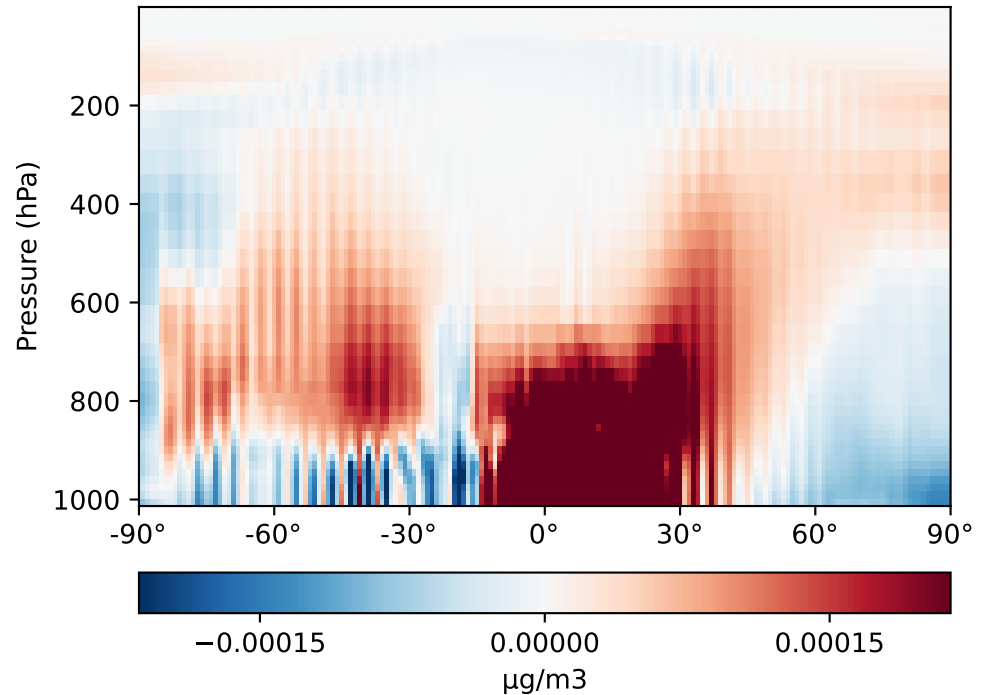
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



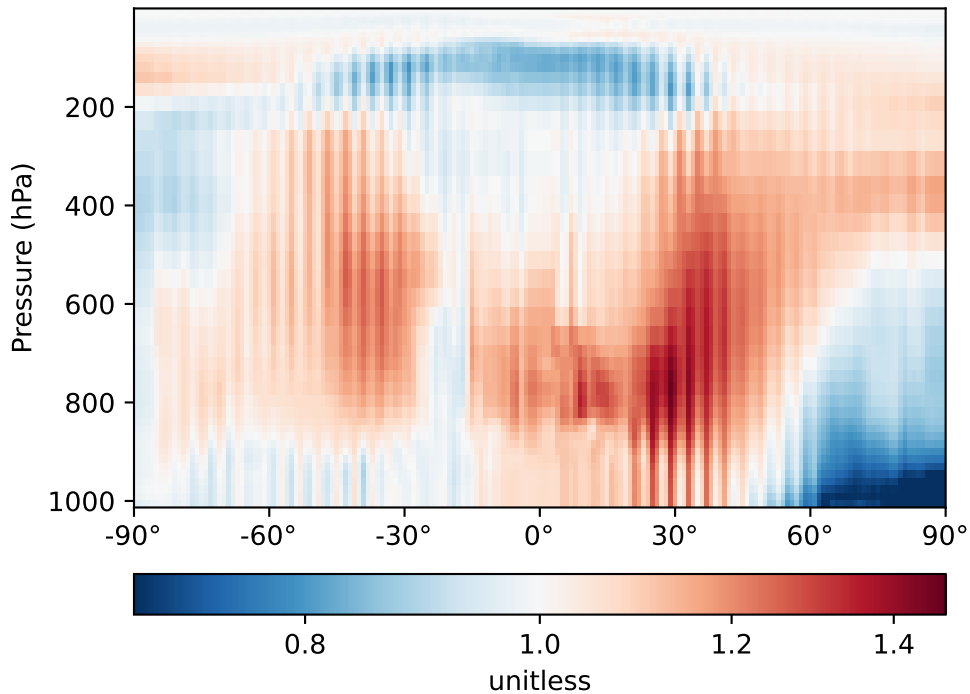
Difference (1x1.25)  
Dev - Ref, Dynamic Range



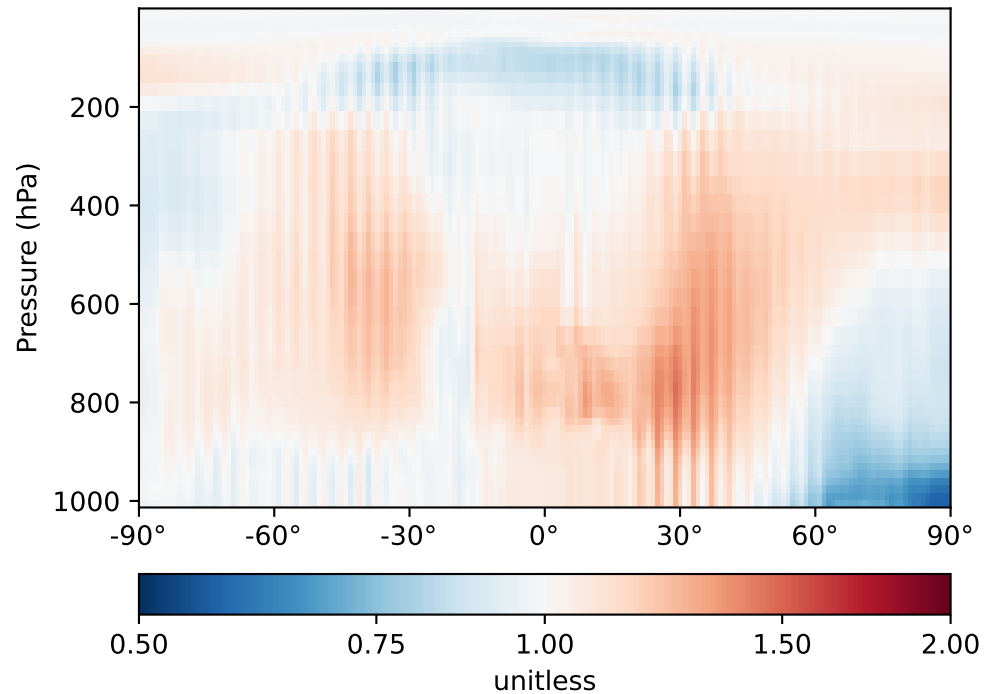
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



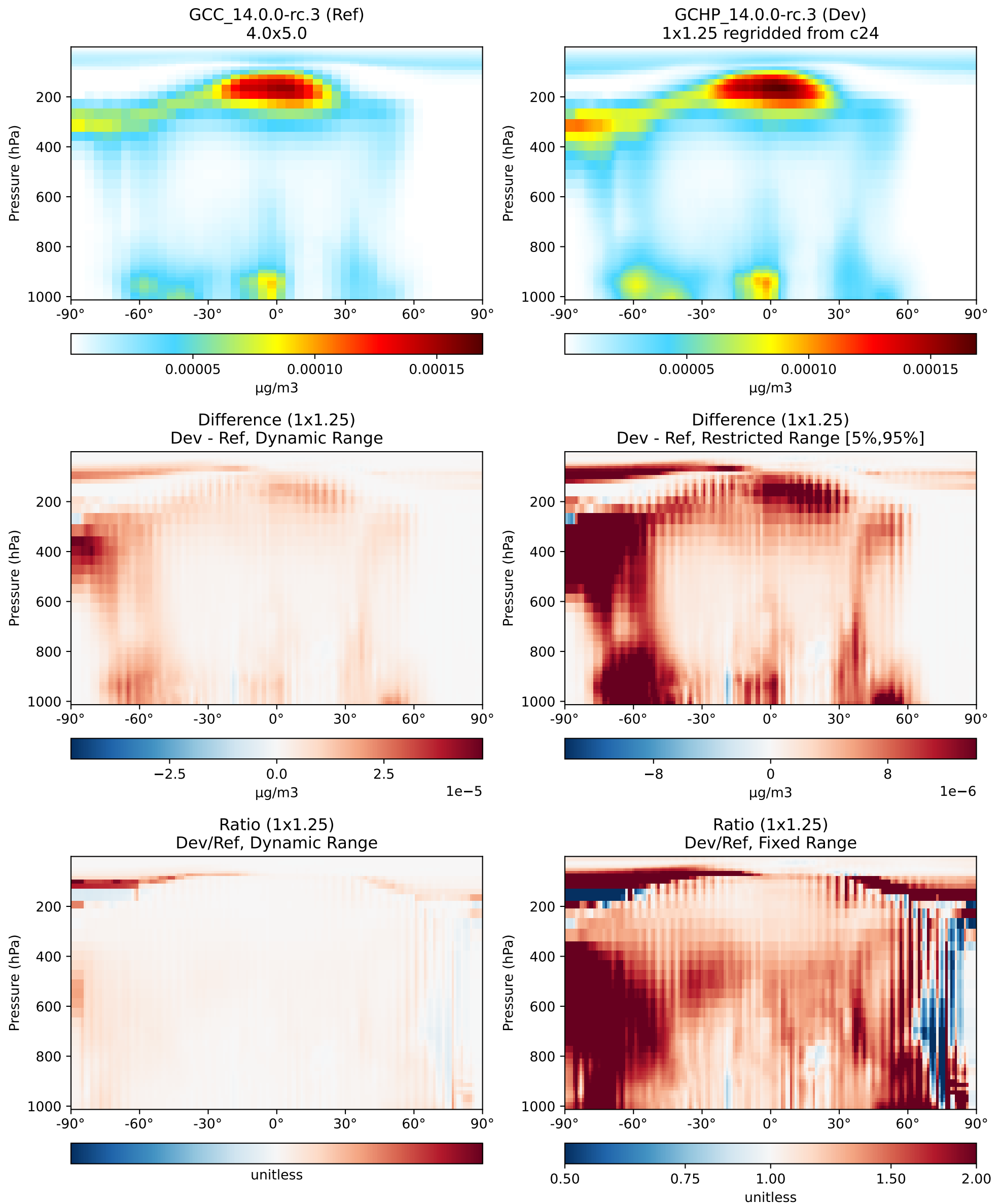
Ratio (1x1.25)  
Dev/Ref, Dynamic Range



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

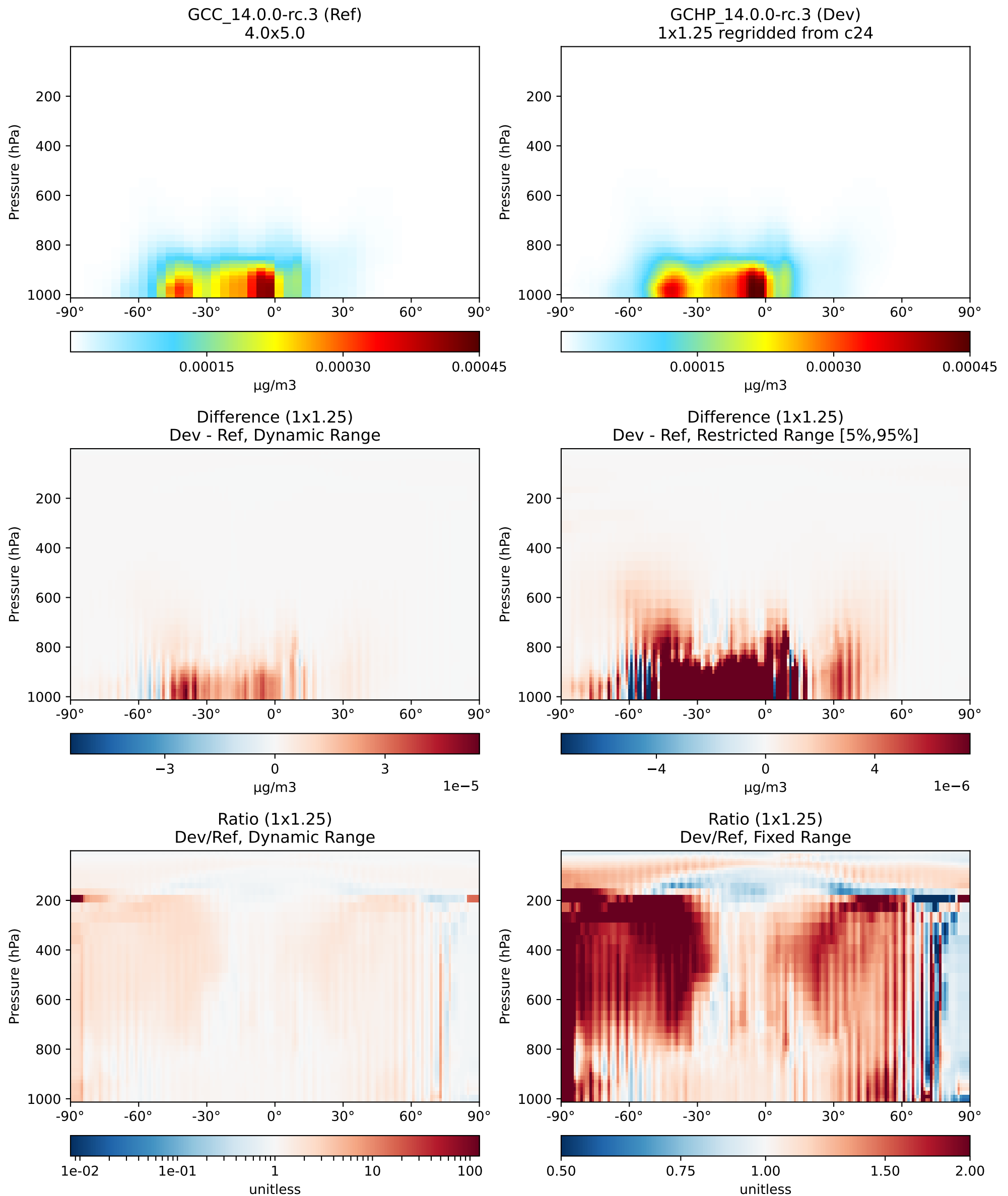


# SpeciesConc\_BrSALA, Zonal Mean (Jan2019)



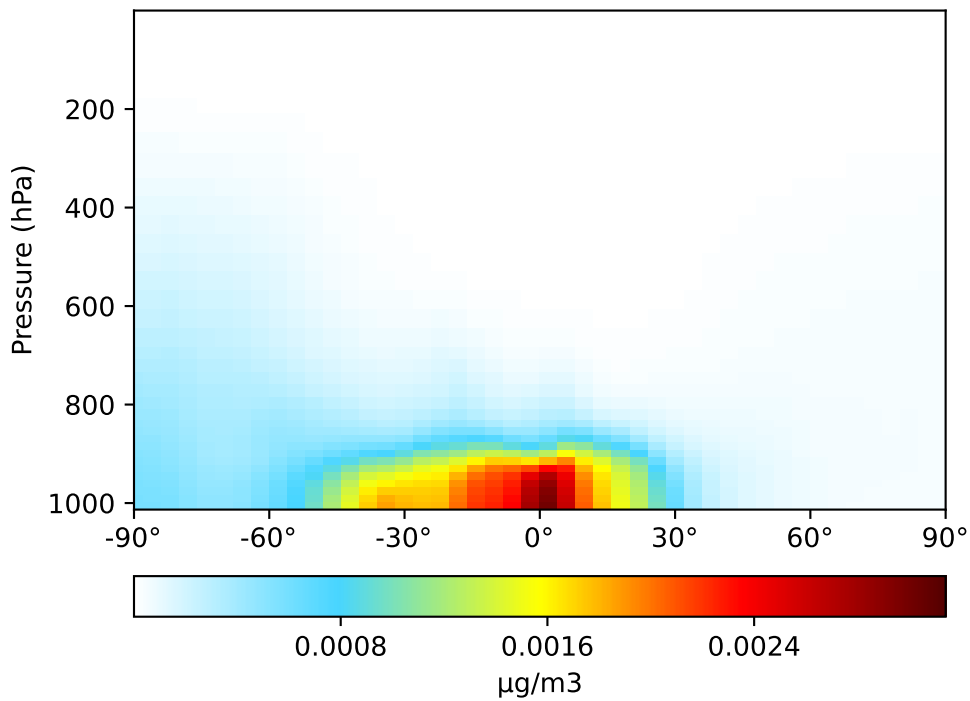


# SpeciesConc\_BrSALC, Zonal Mean (Jan2019)

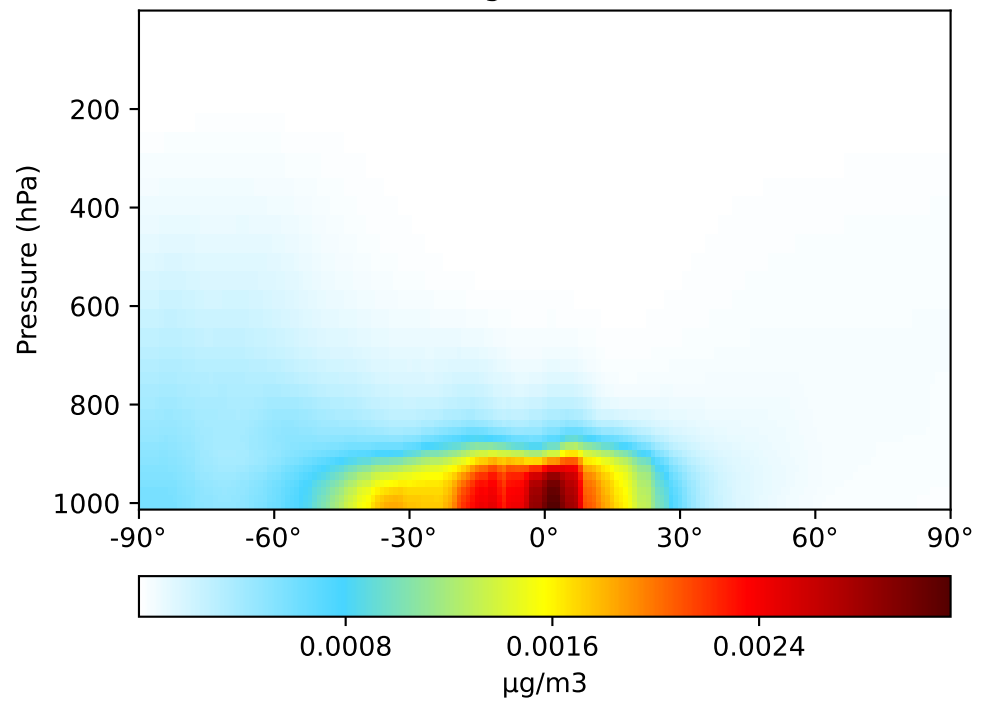


# SpeciesConc\_ISALA, Zonal Mean (Jan2019)

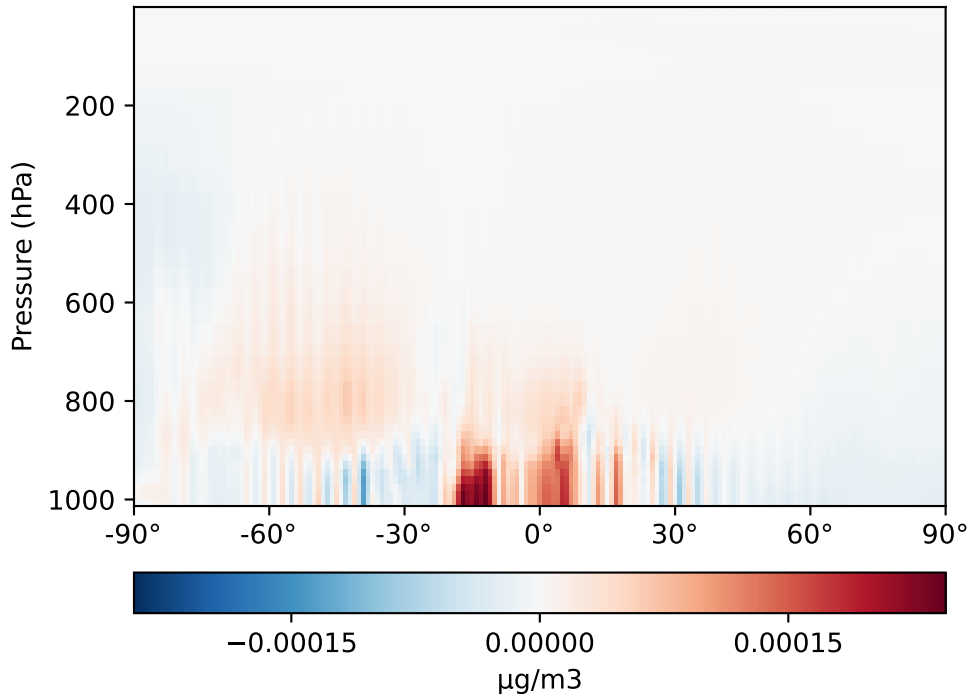
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



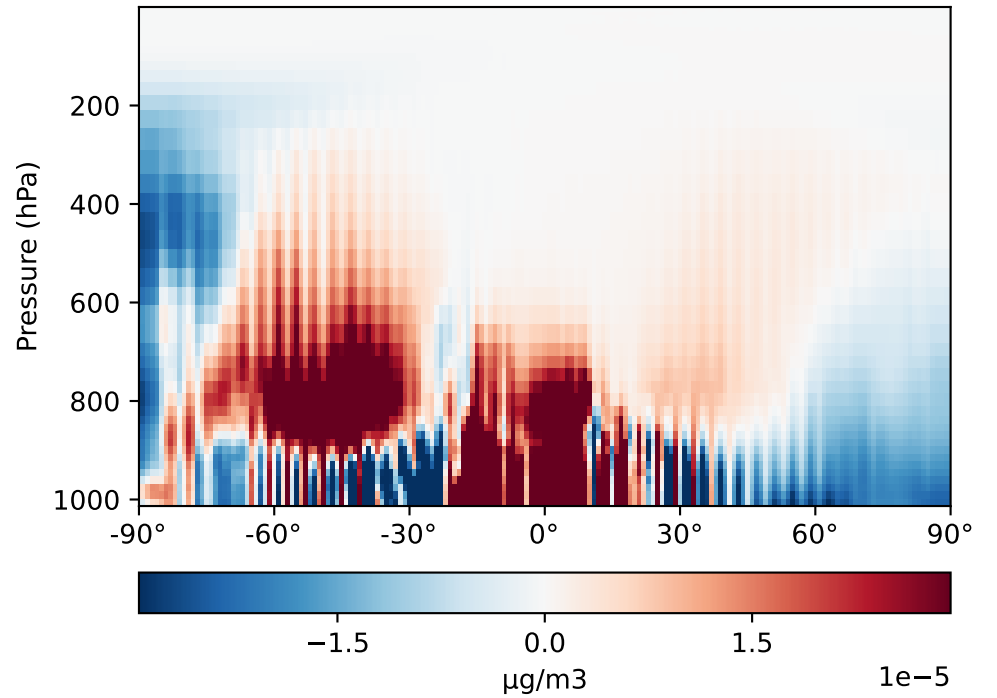
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



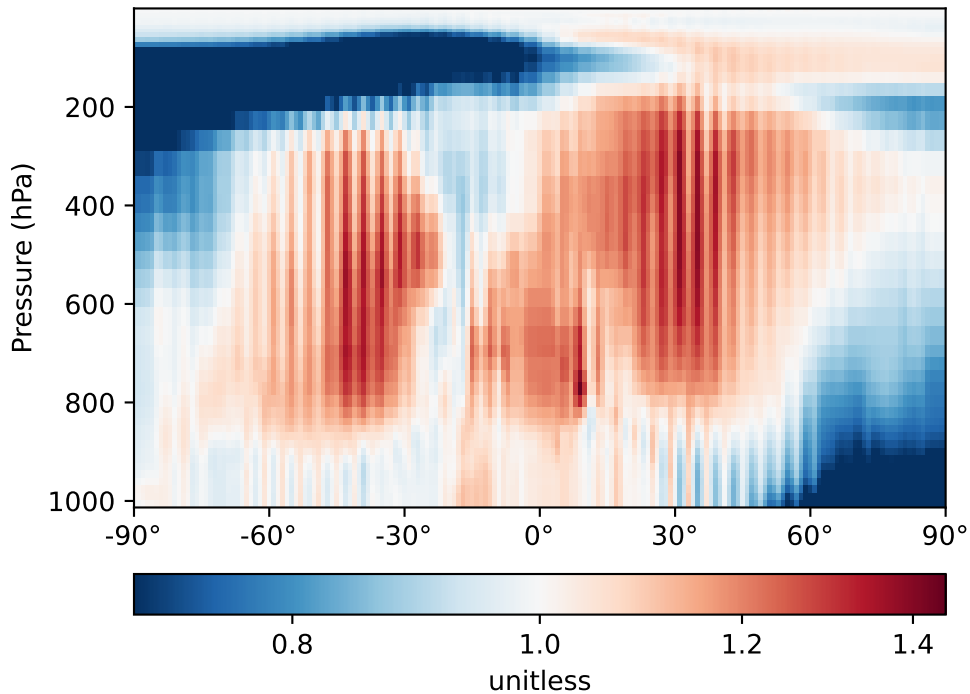
Difference (1x1.25)  
Dev - Ref, Dynamic Range



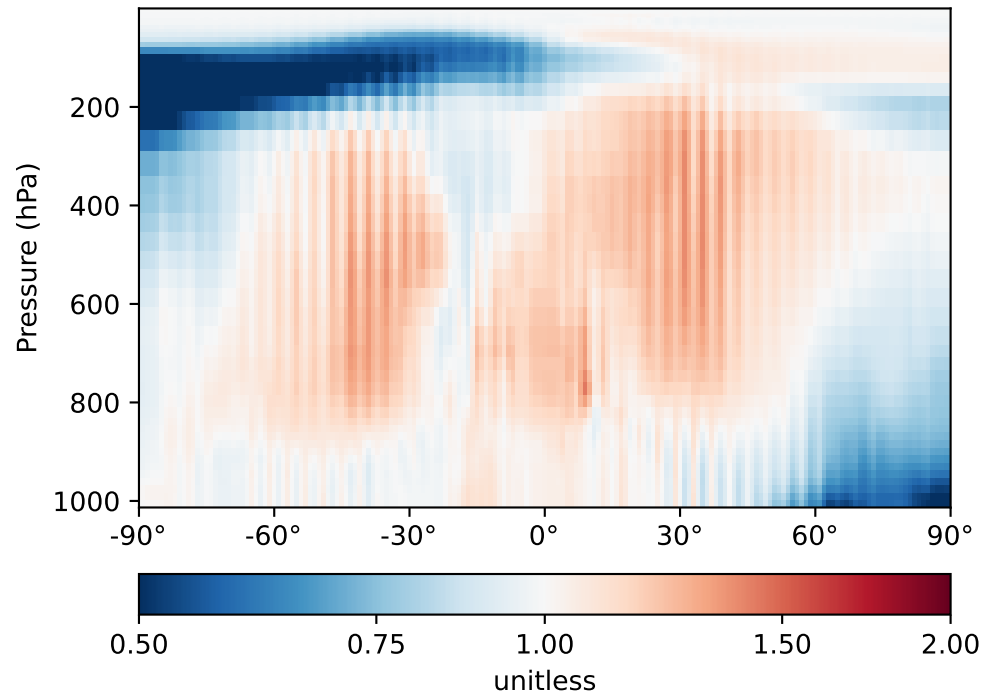
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

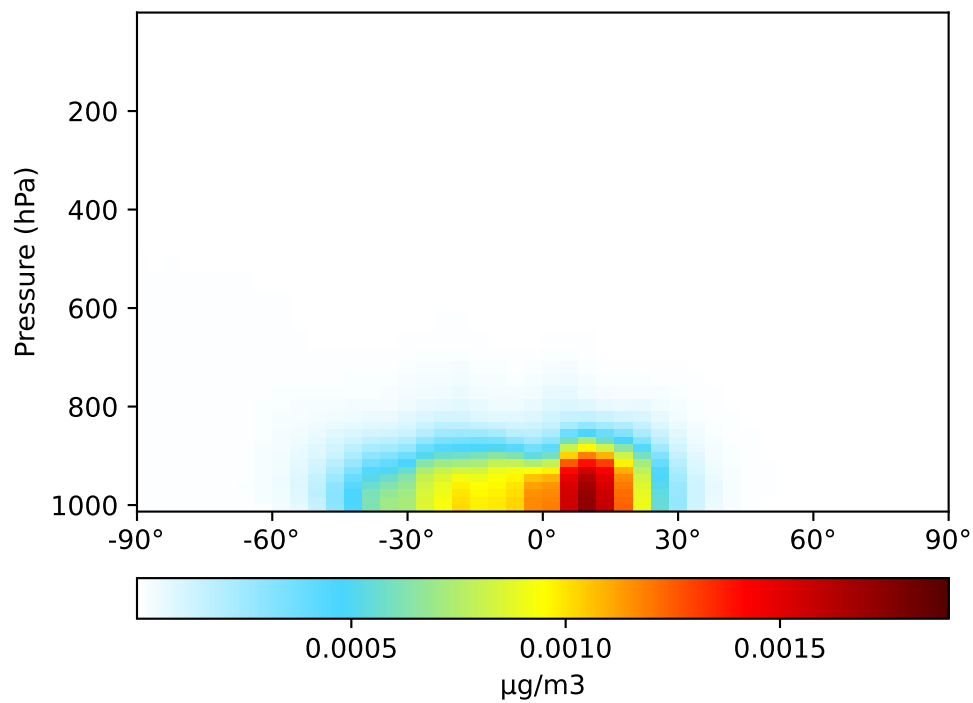


Ratio (1x1.25)  
Dev/Ref, Fixed Range

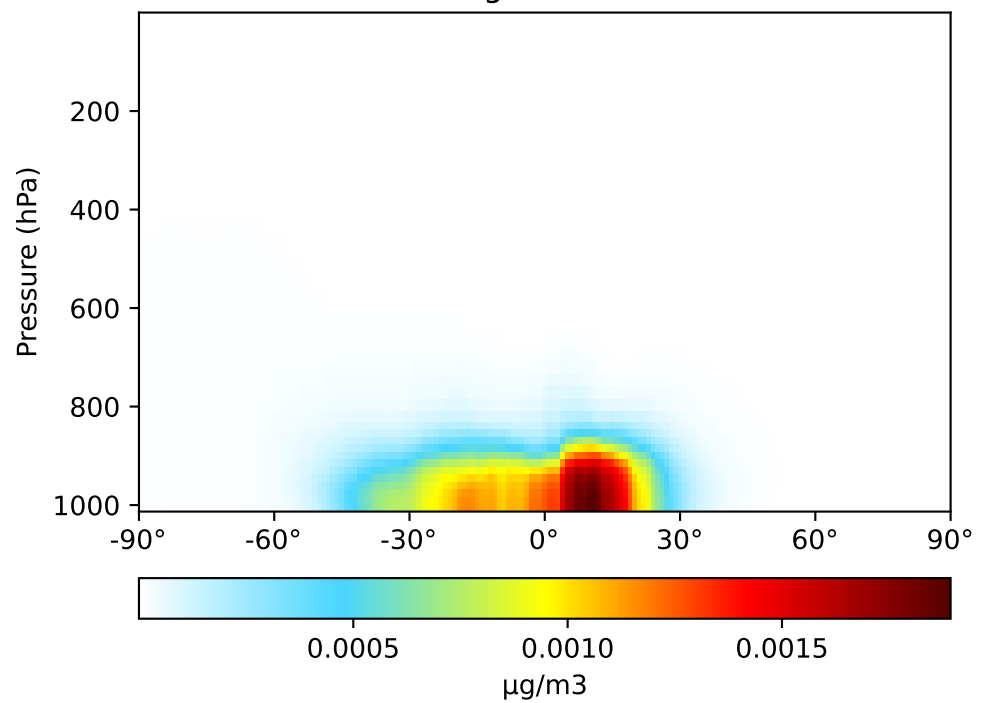


# SpeciesConc\_ISALC, Zonal Mean (Jan2019)

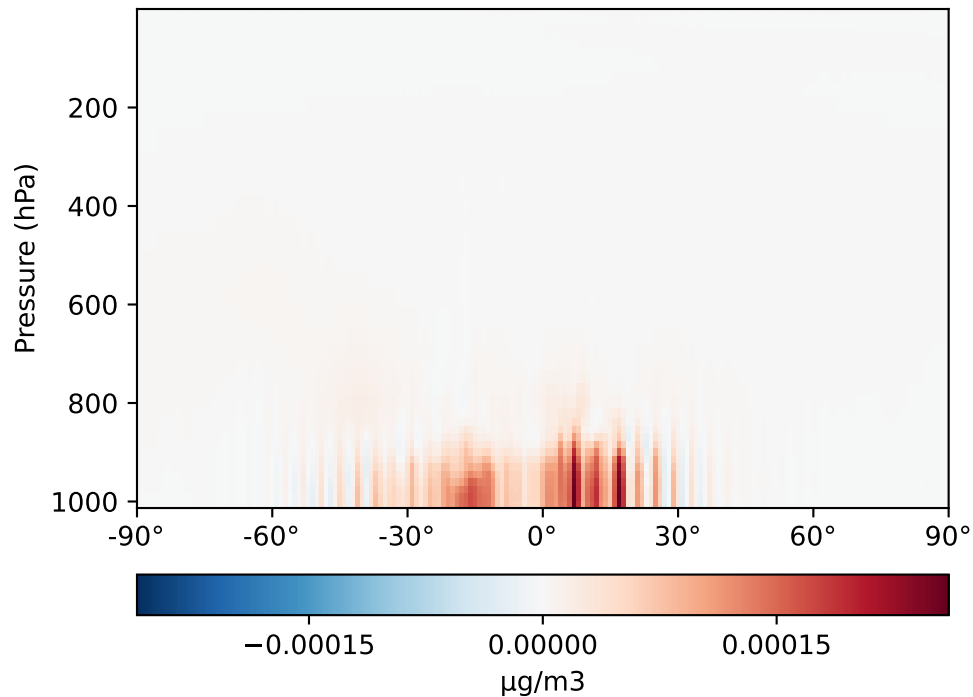
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



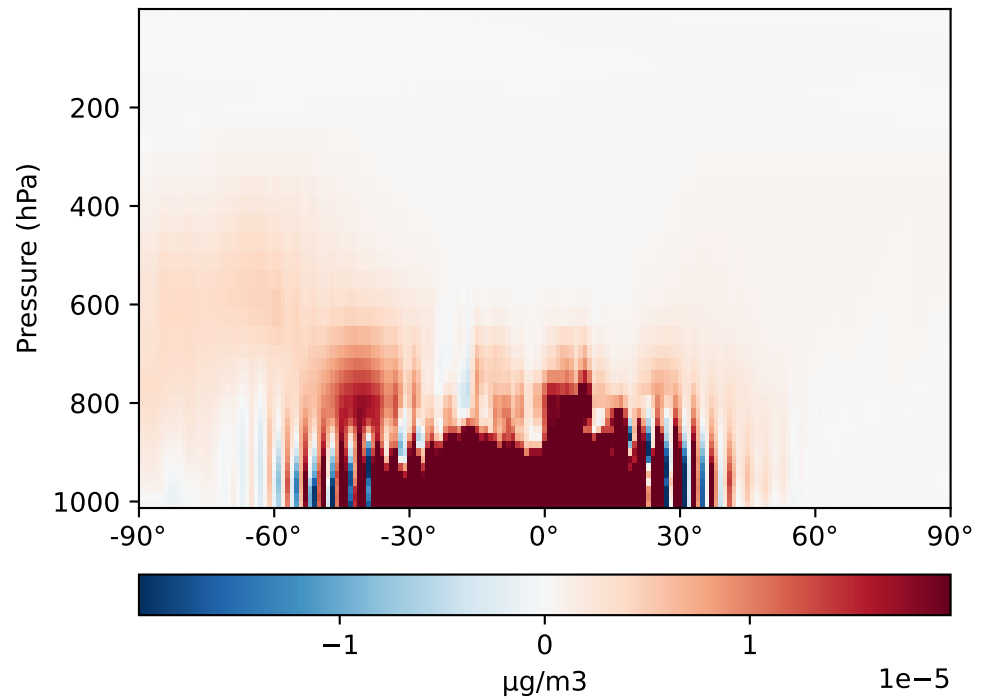
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



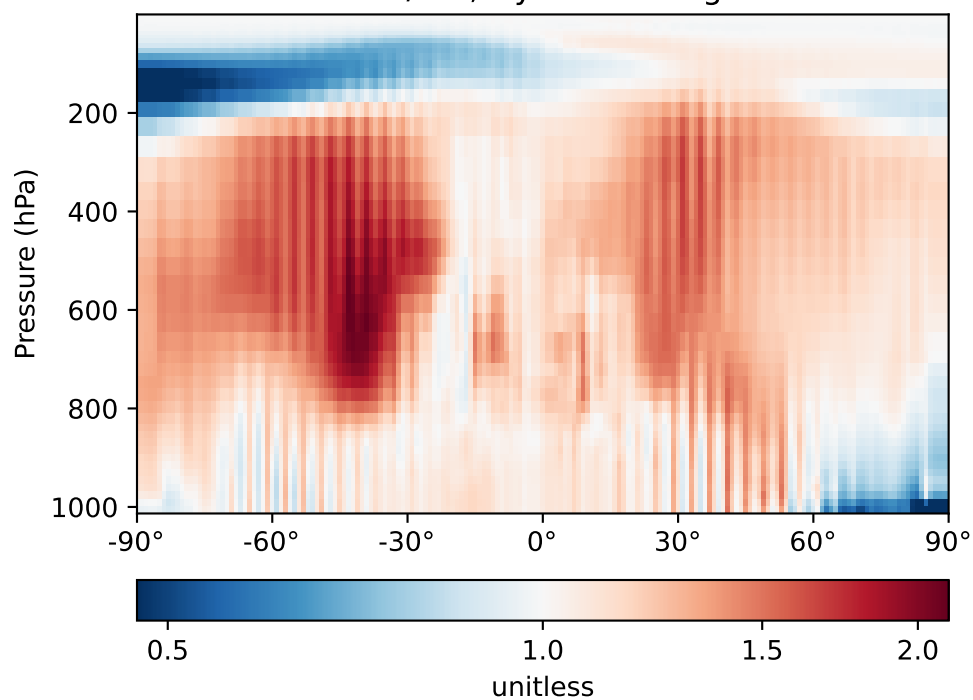
Difference (1x1.25)  
Dev - Ref, Dynamic Range



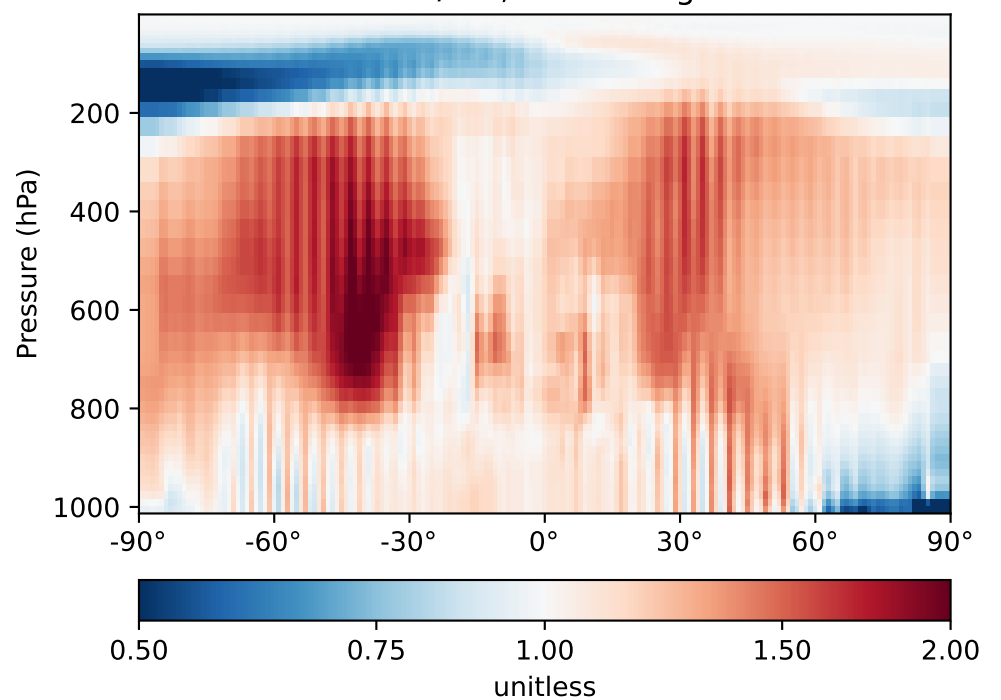
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

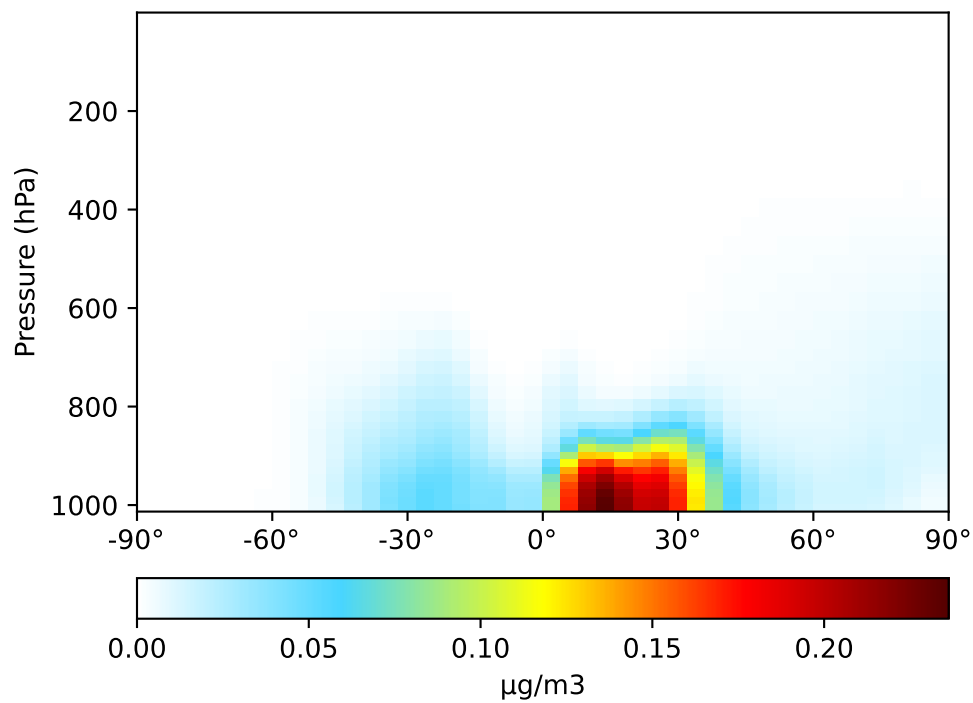


Ratio (1x1.25)  
Dev/Ref, Fixed Range

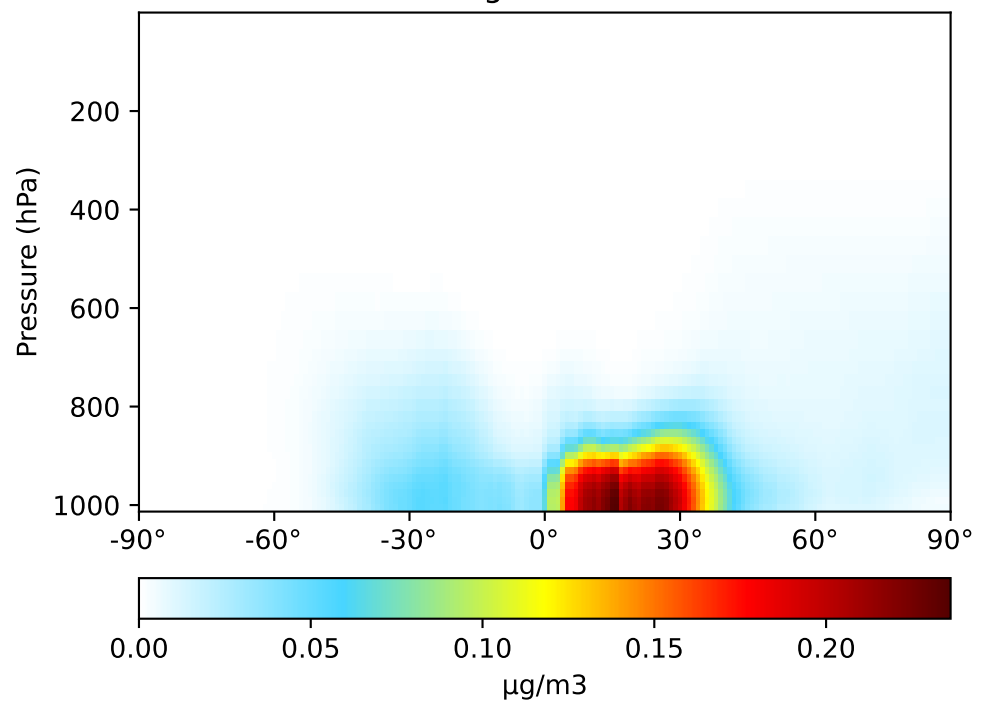


# SpeciesConc\_NITs, Zonal Mean (Jan2019)

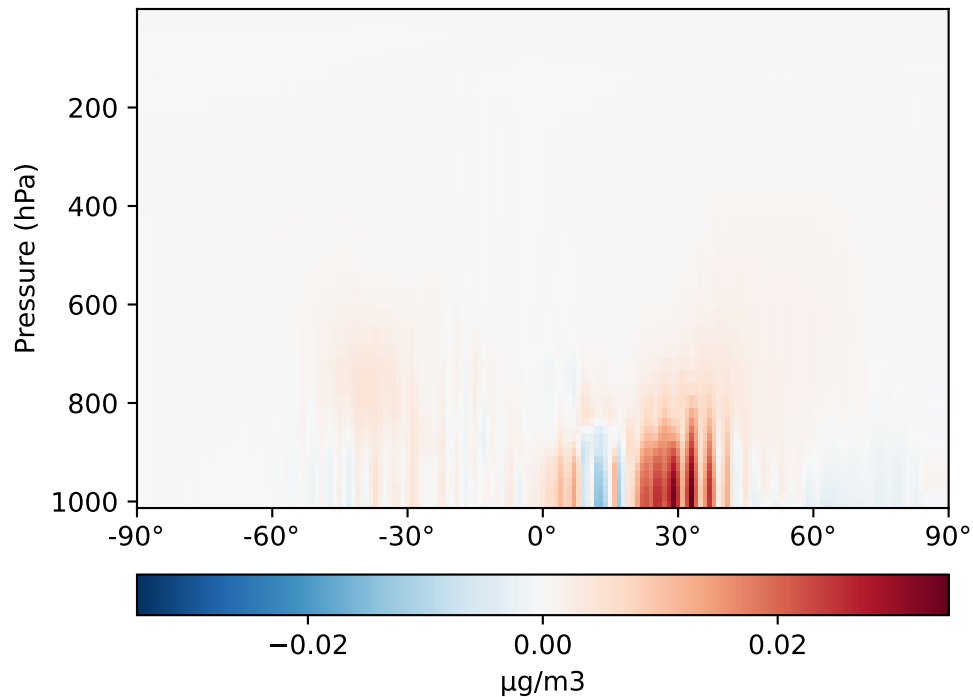
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



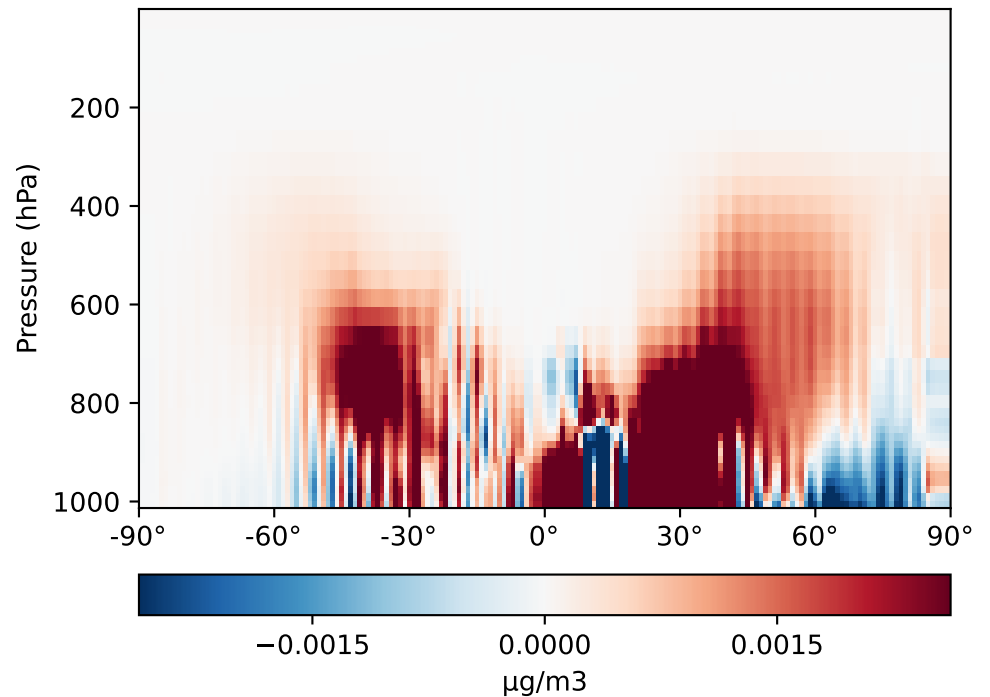
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



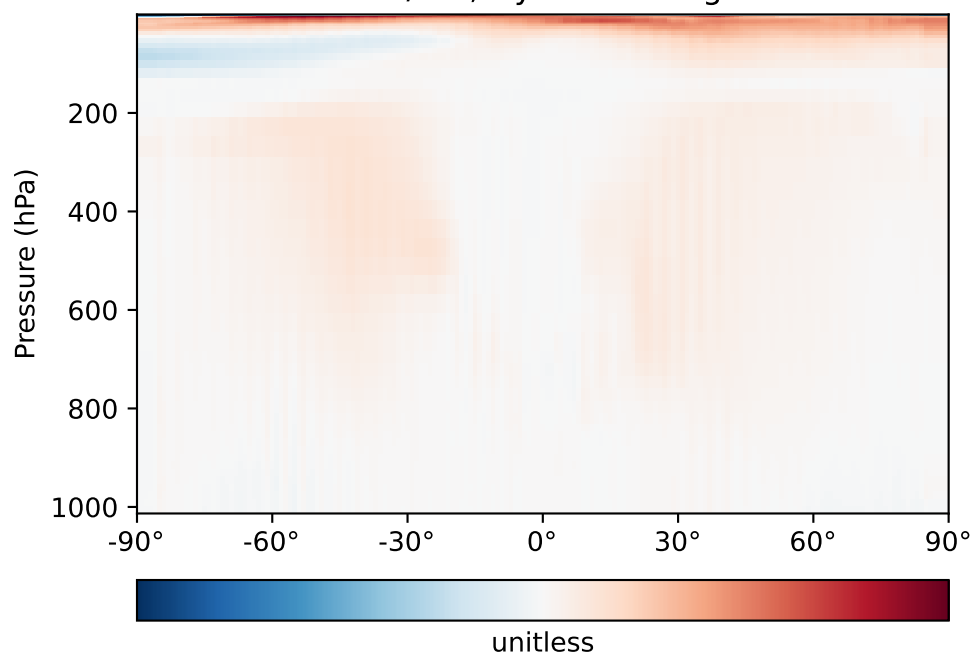
Difference (1x1.25)  
Dev - Ref, Dynamic Range



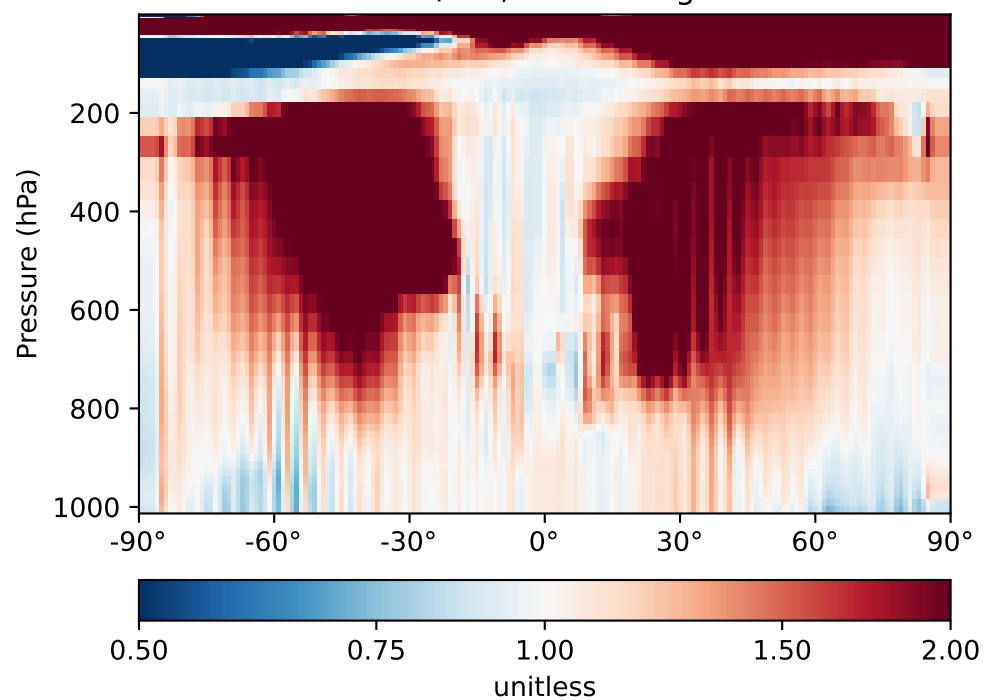
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

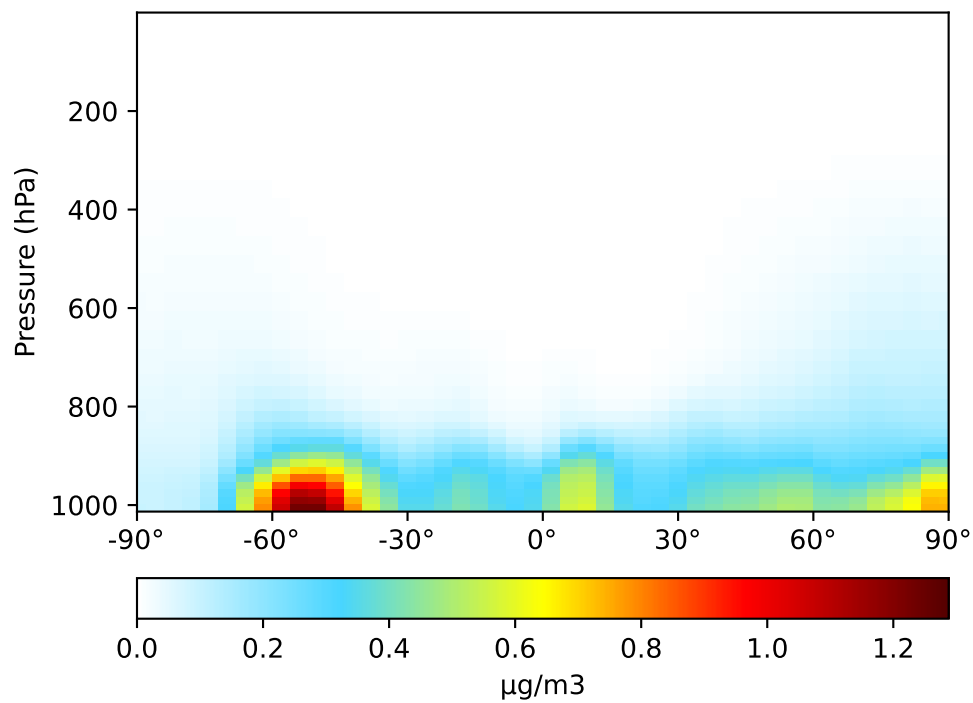


Ratio (1x1.25)  
Dev/Ref, Fixed Range

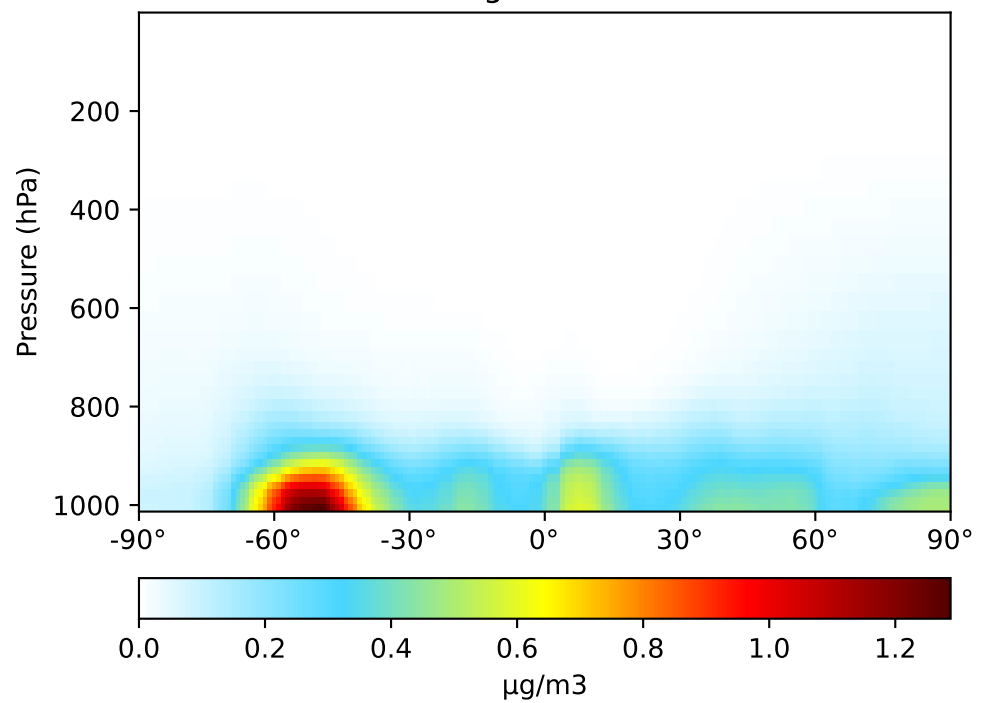


# SpeciesConc\_SALA, Zonal Mean (Jan2019)

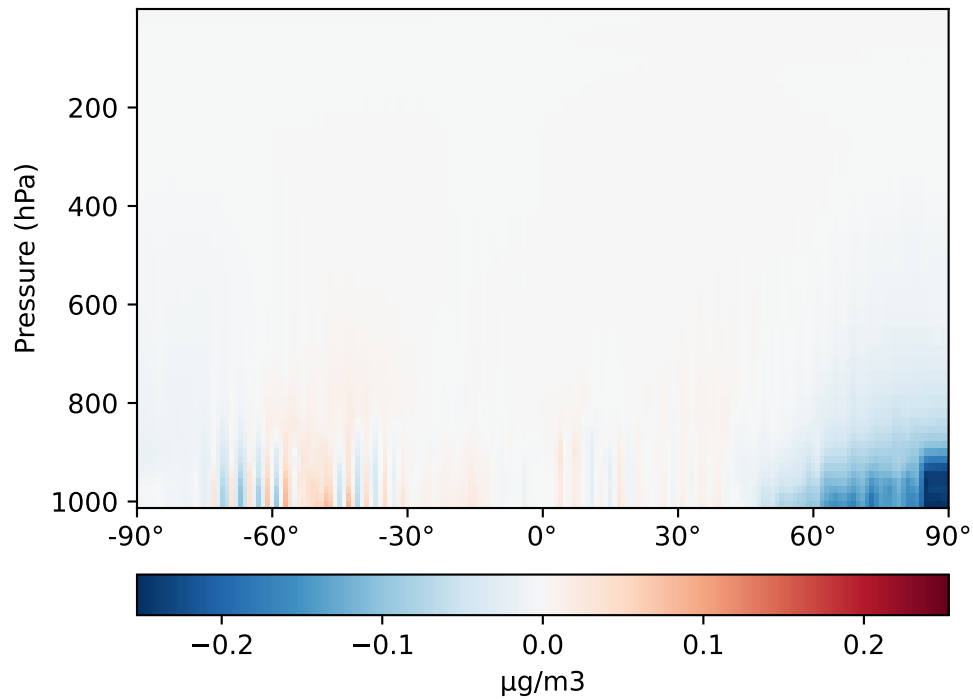
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



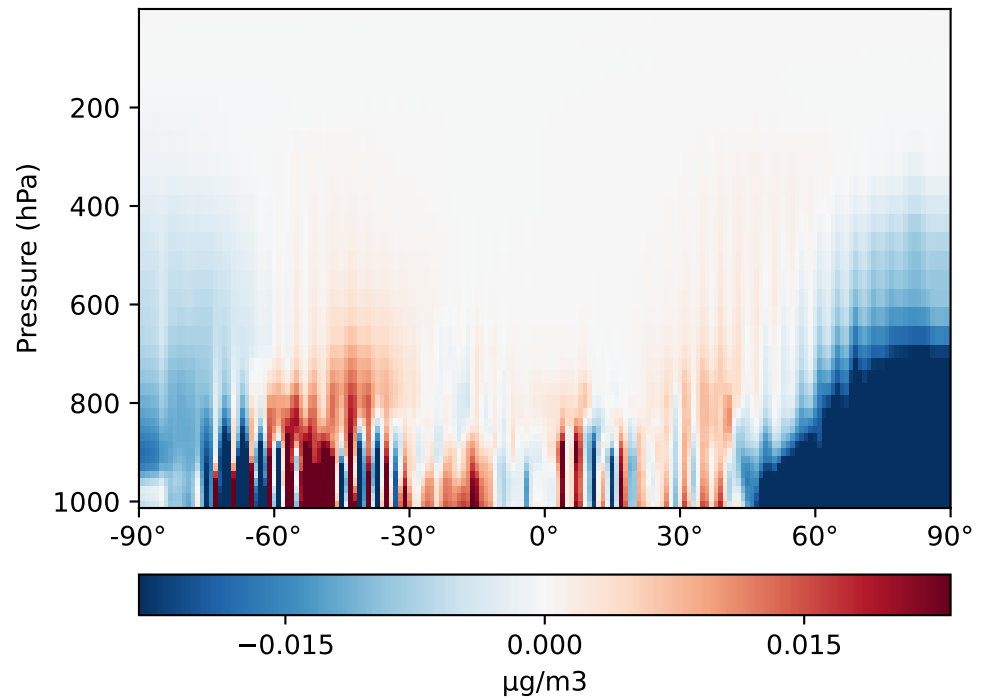
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



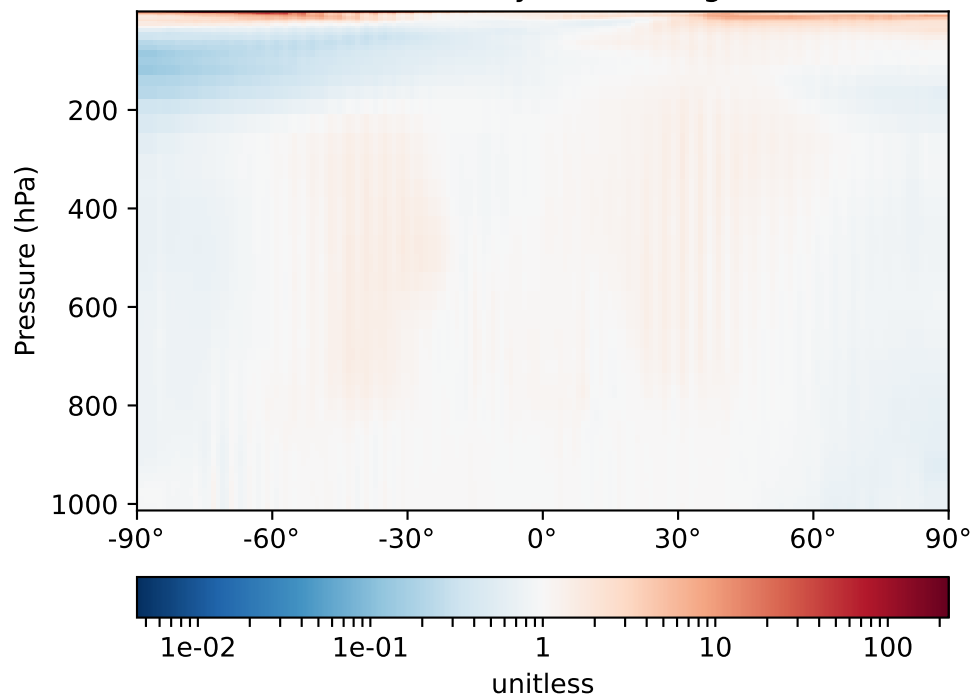
Difference (1x1.25)  
Dev - Ref, Dynamic Range



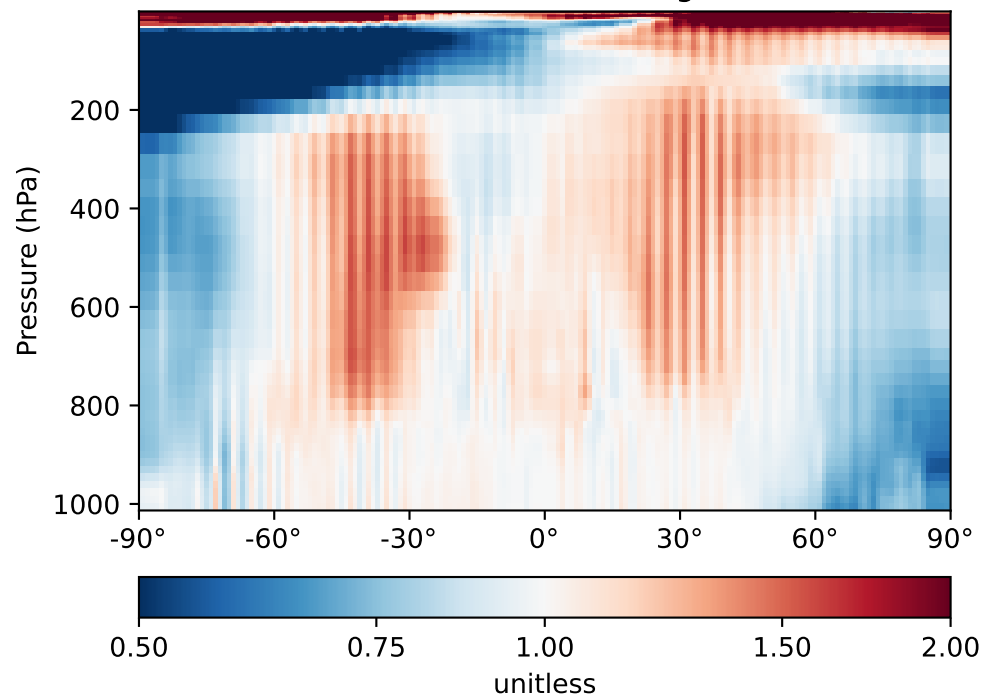
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

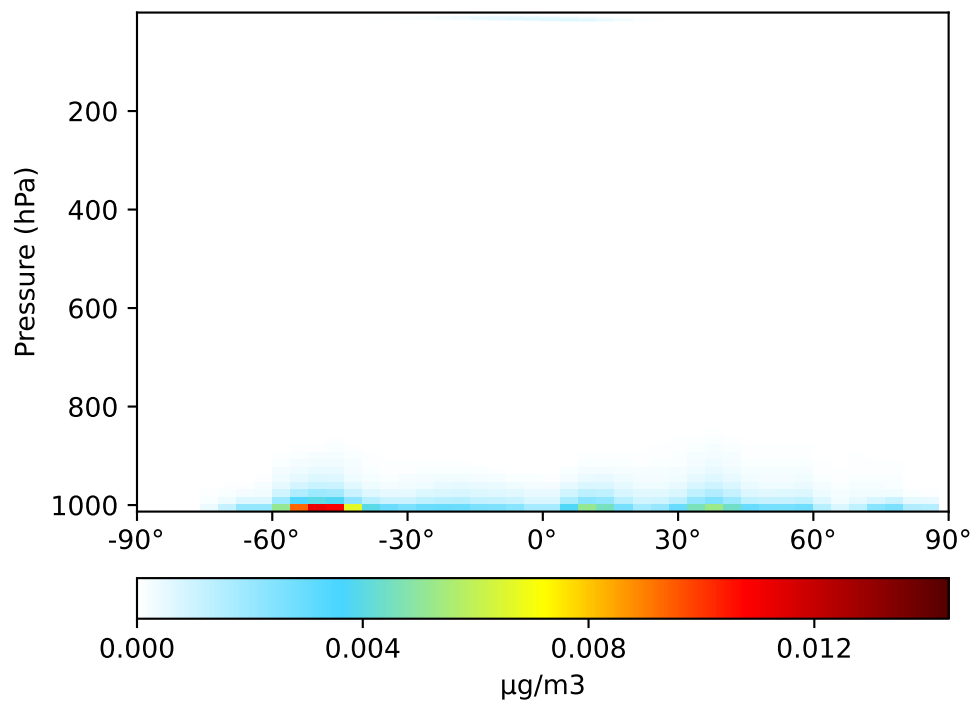


Ratio (1x1.25)  
Dev/Ref, Fixed Range

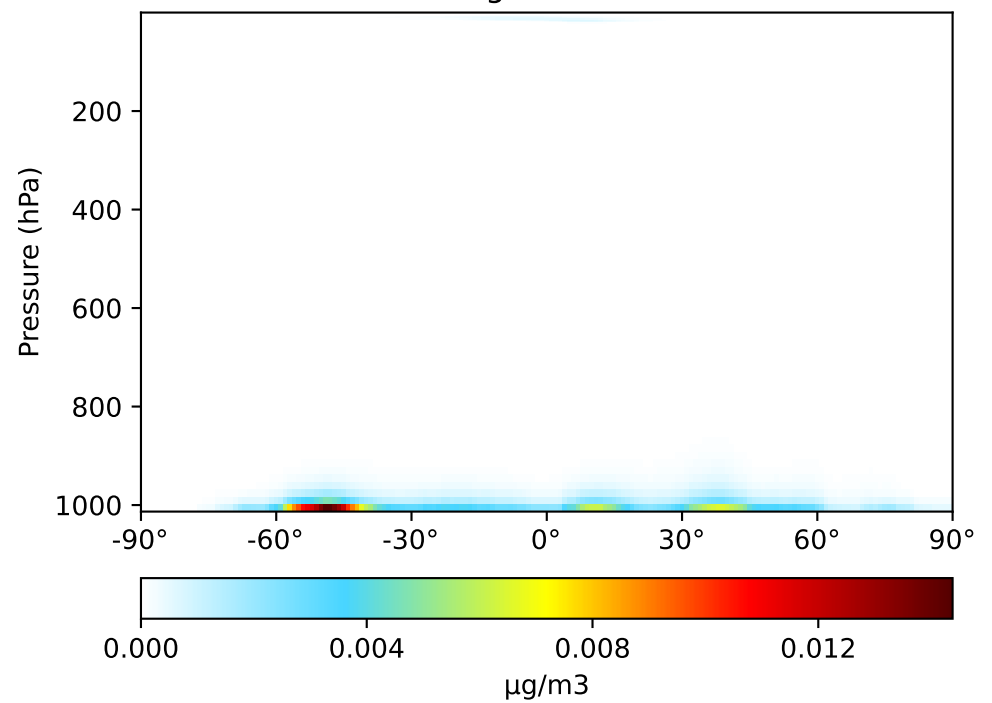


# SpeciesConc\_SALAAL, Zonal Mean (Jan2019)

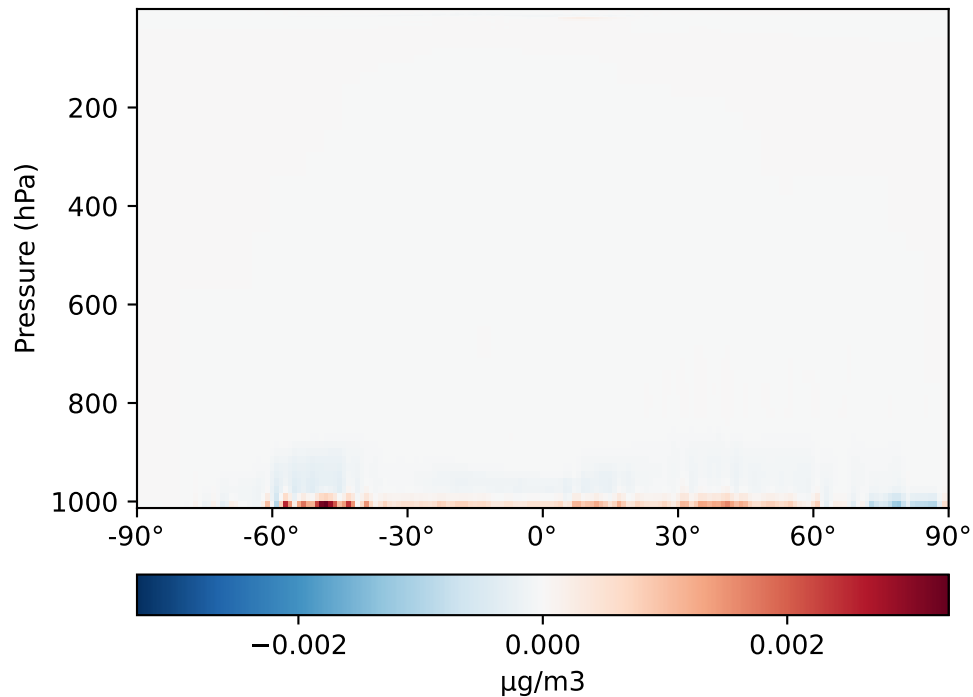
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



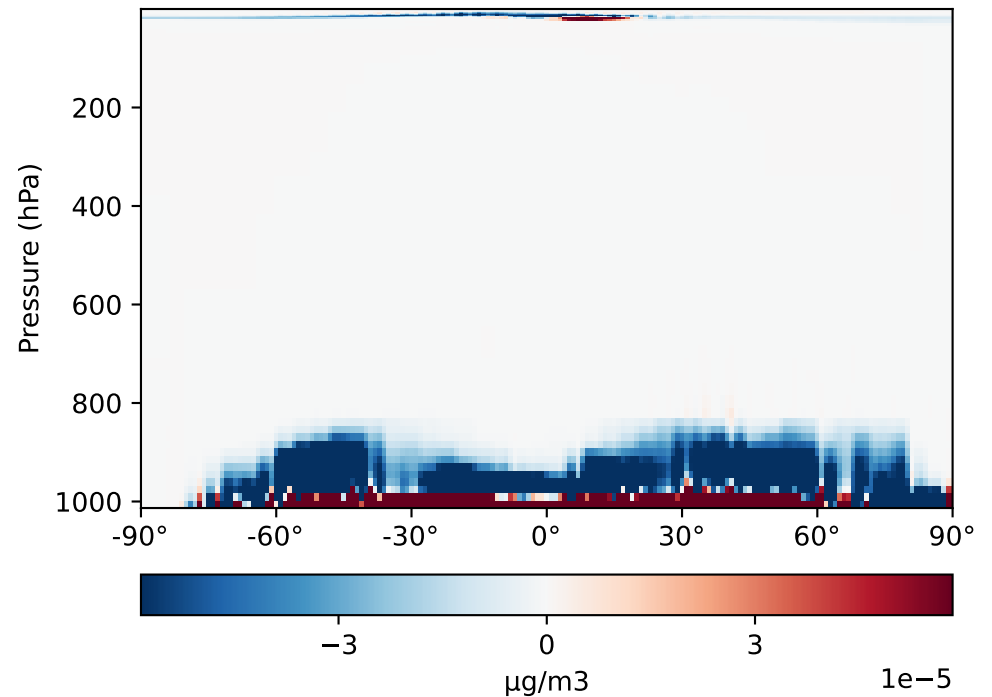
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



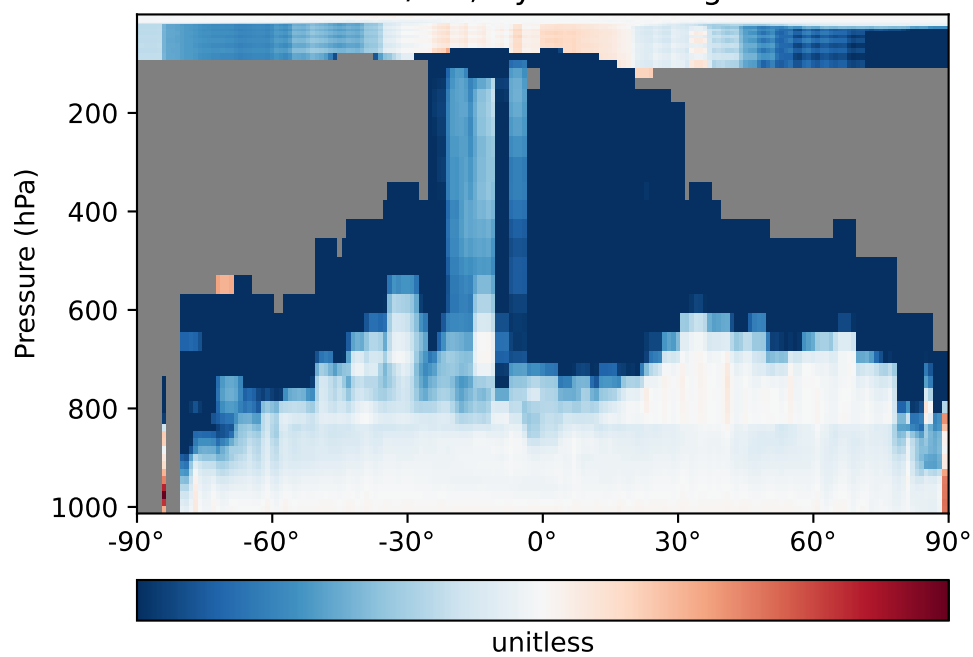
Difference (1x1.25)  
Dev - Ref, Dynamic Range



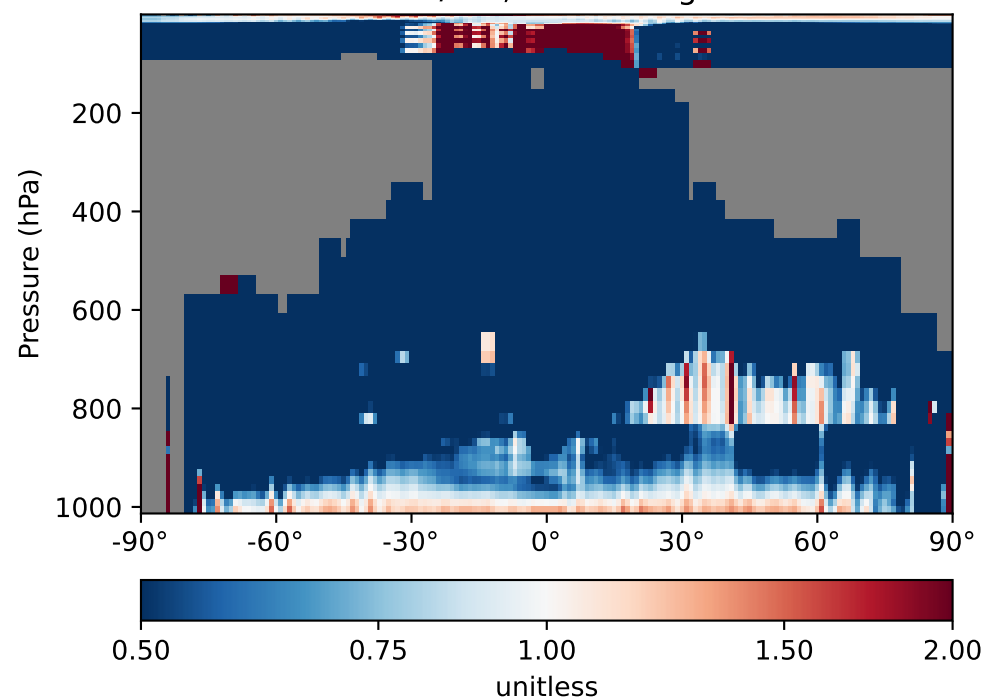
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

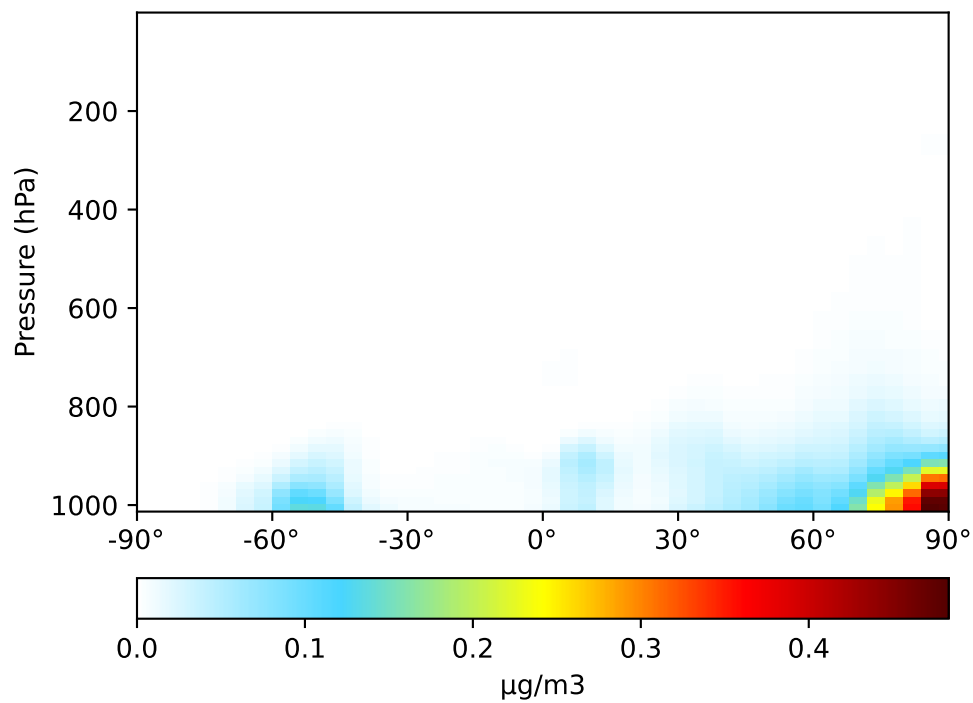


Ratio (1x1.25)  
Dev/Ref, Fixed Range

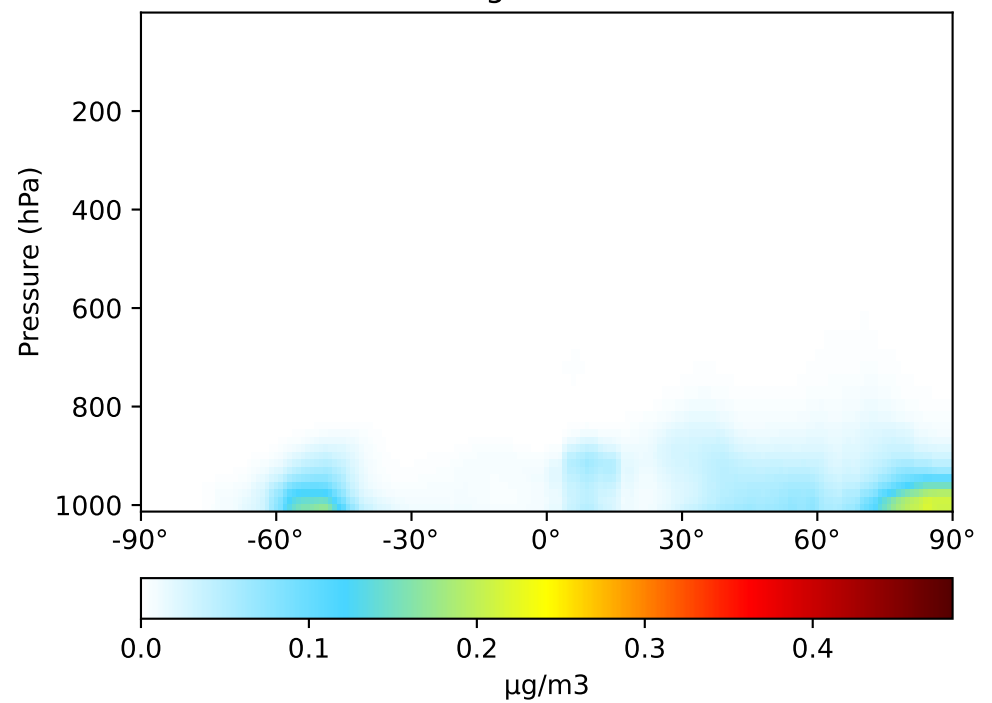


# SpeciesConc\_SALACL, Zonal Mean (Jan2019)

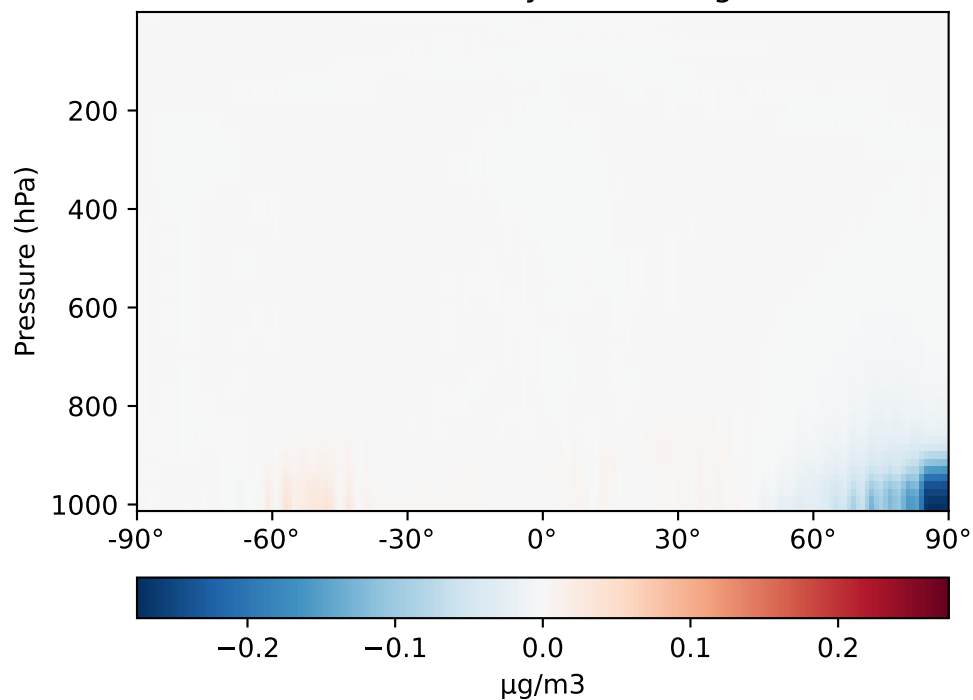
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



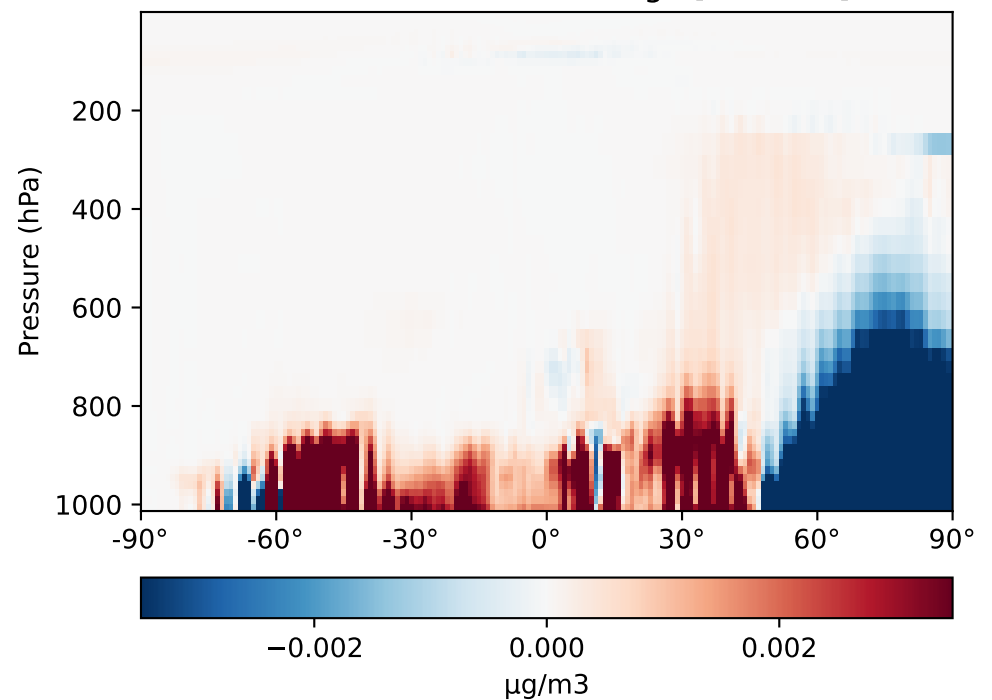
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



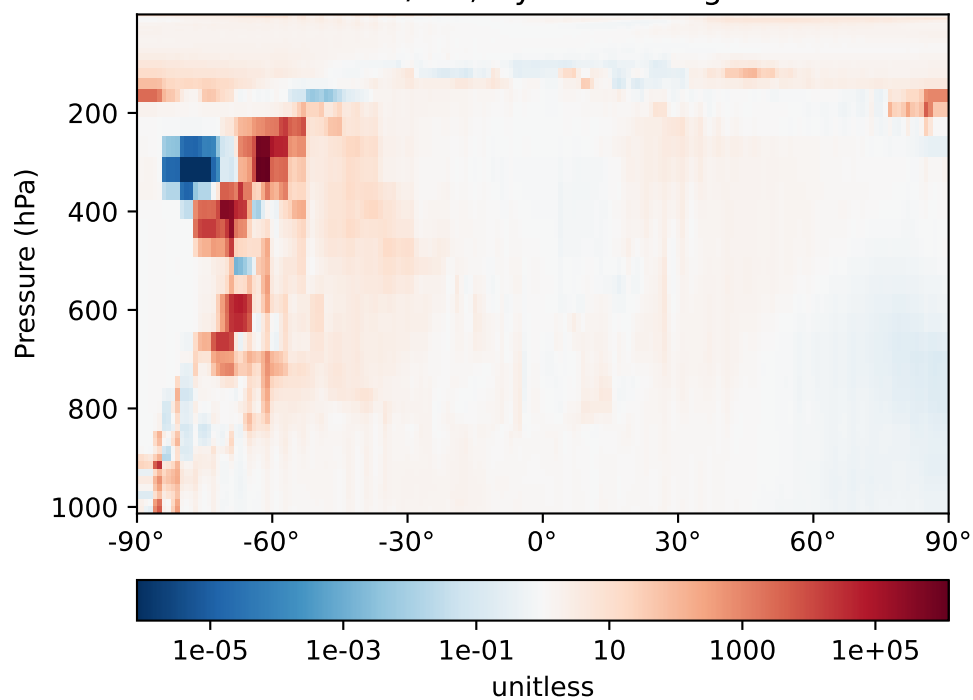
Difference (1x1.25)  
Dev - Ref, Dynamic Range



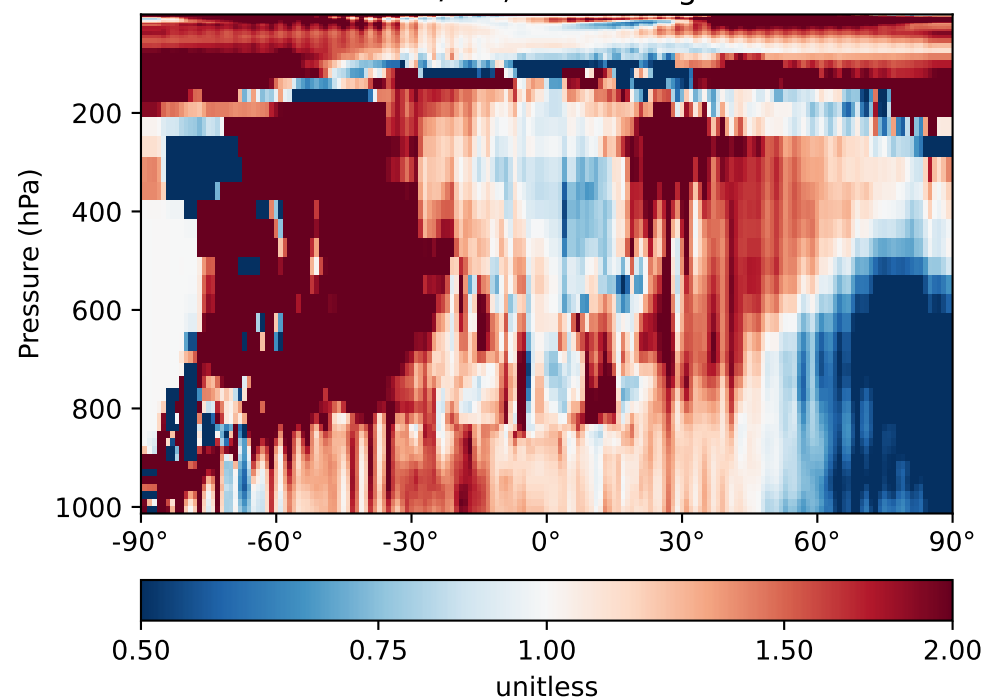
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

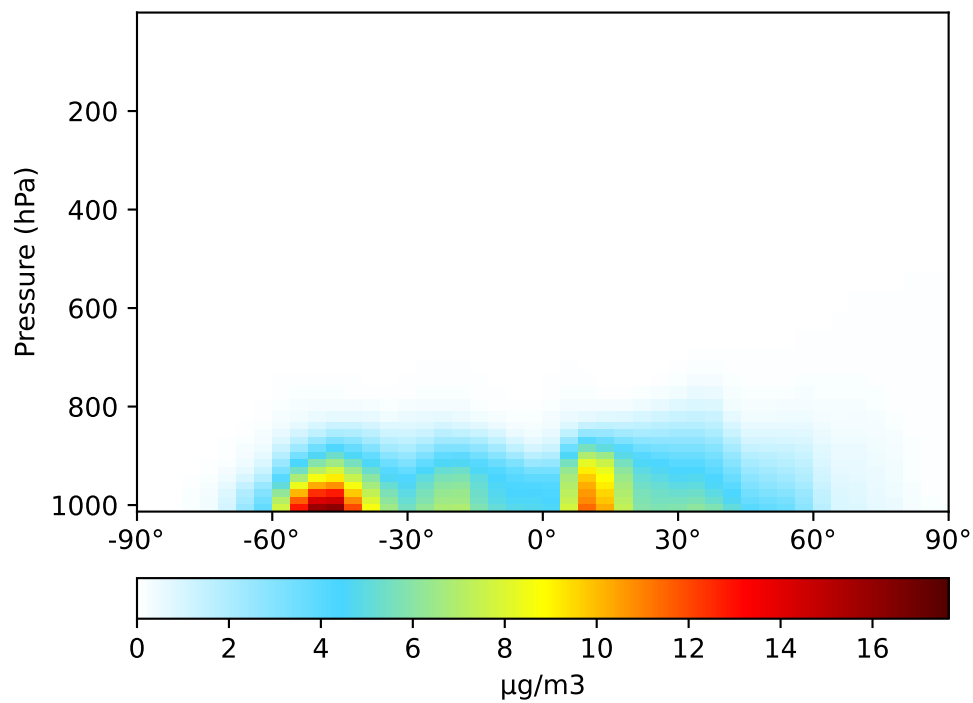


Ratio (1x1.25)  
Dev/Ref, Fixed Range

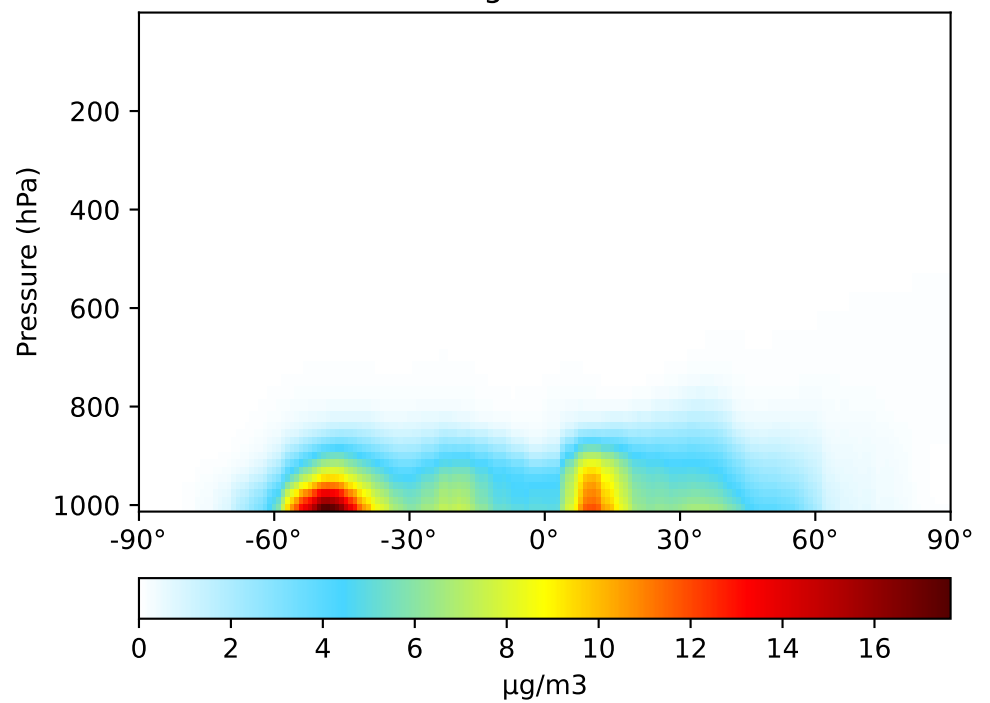


# SpeciesConc\_SALC, Zonal Mean (Jan2019)

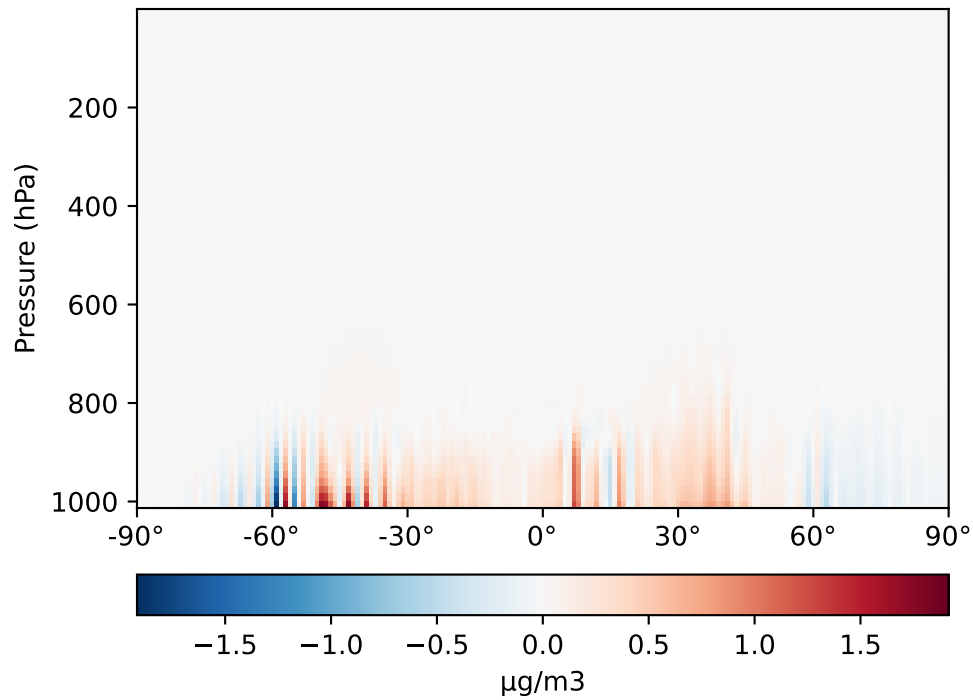
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



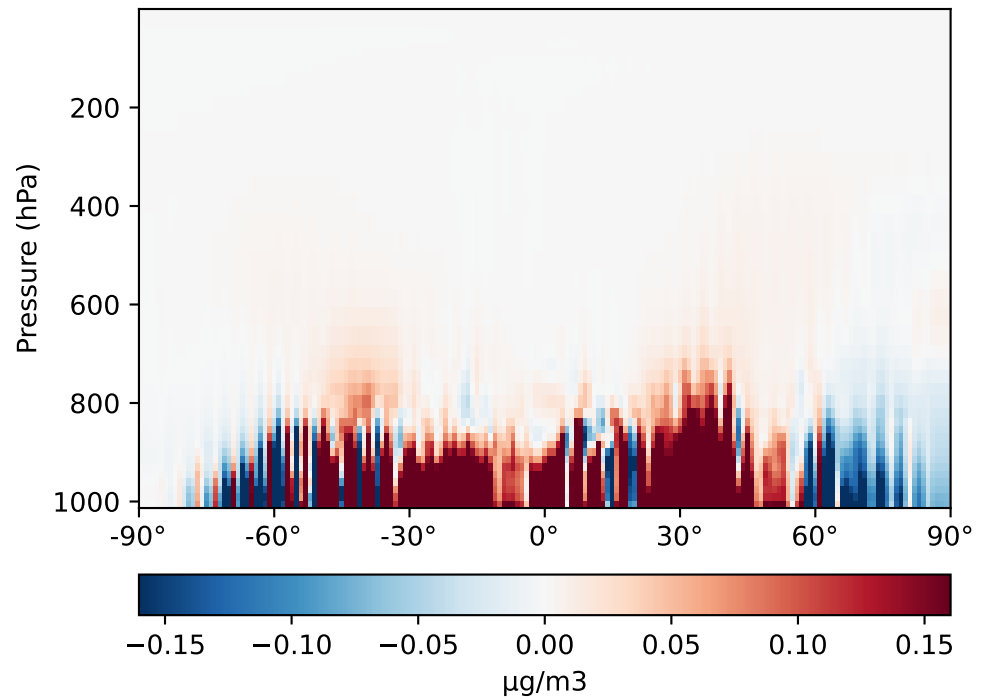
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



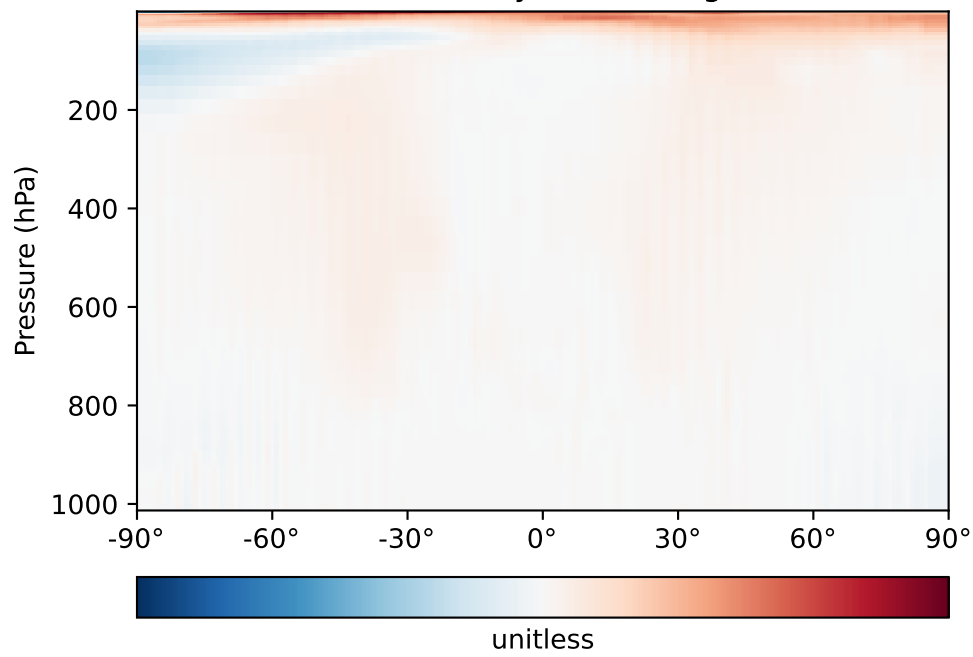
Difference (1x1.25)  
Dev - Ref, Dynamic Range



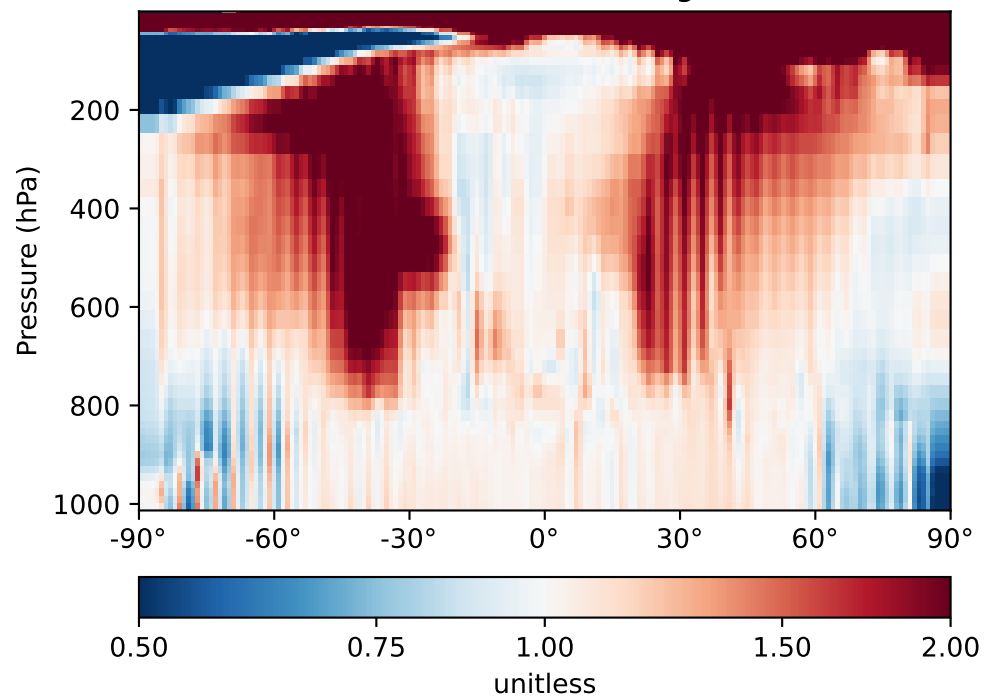
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



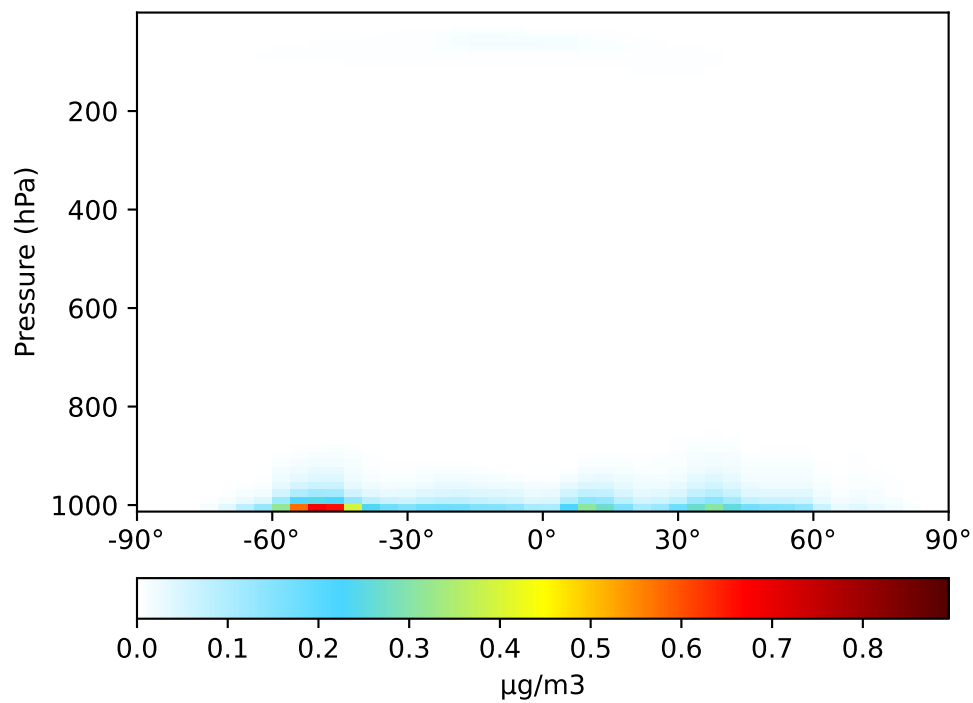
Ratio (1x1.25)  
Dev/Ref, Fixed Range



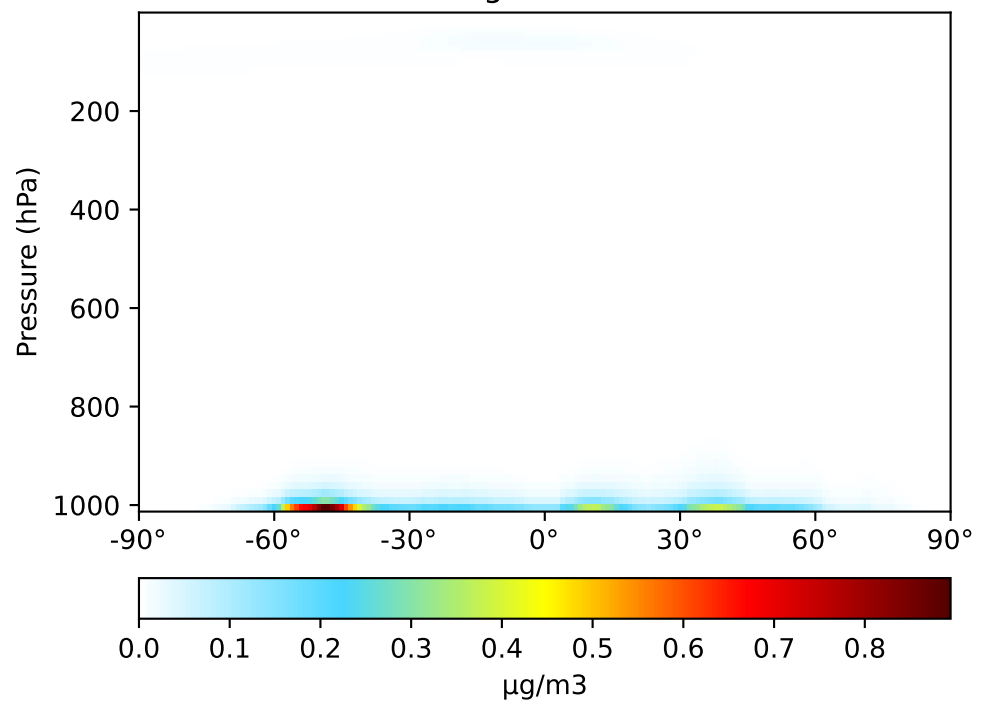


# SpeciesConc\_SALCAL, Zonal Mean (Jan2019)

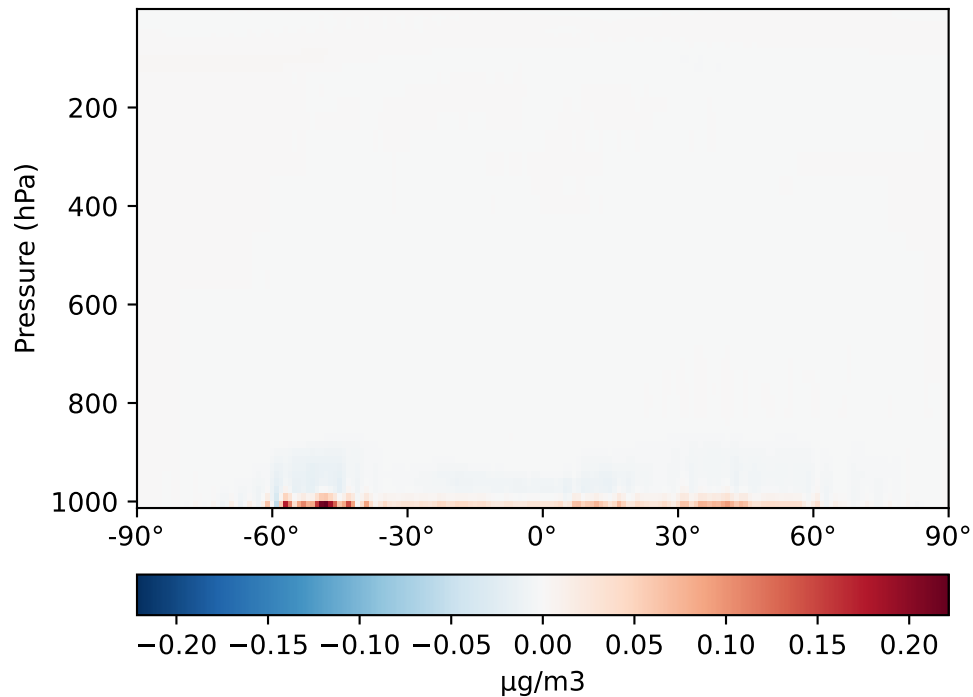
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



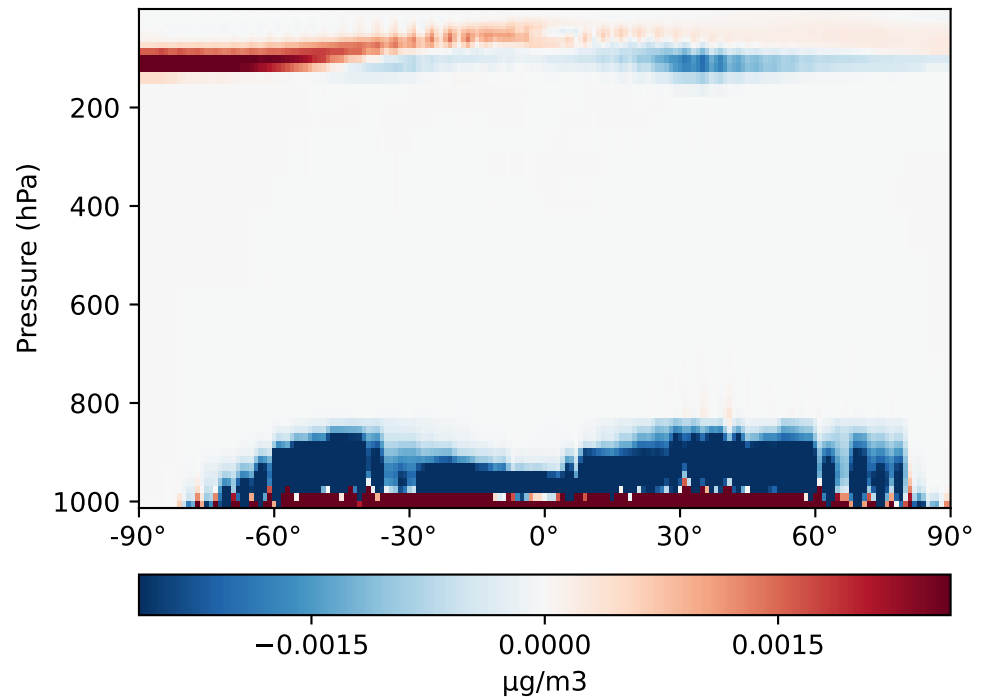
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



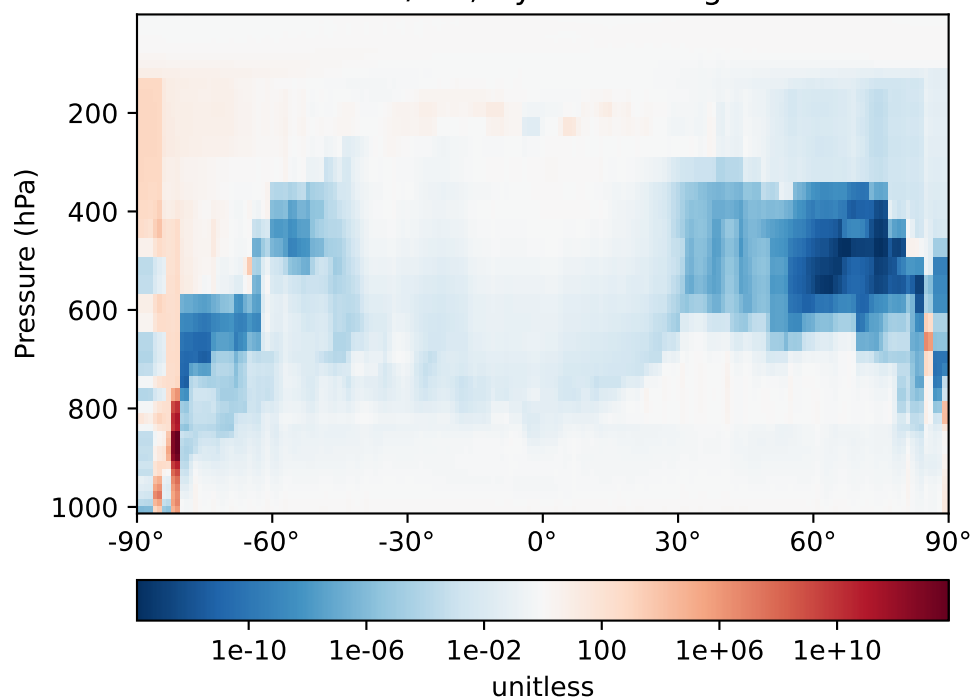
Difference (1x1.25)  
Dev - Ref, Dynamic Range



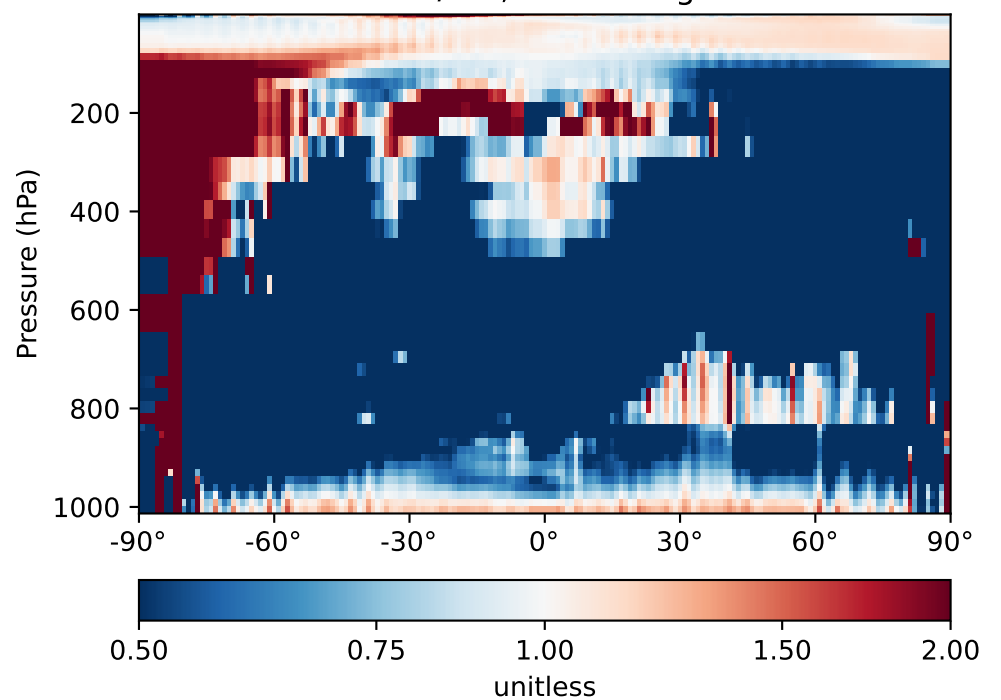
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

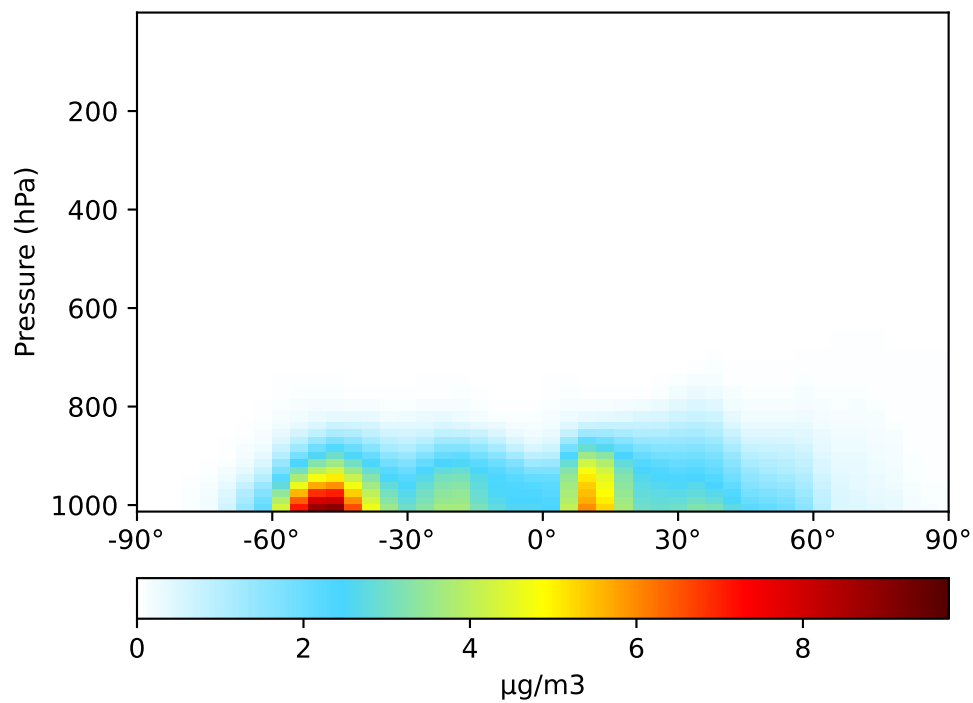


Ratio (1x1.25)  
Dev/Ref, Fixed Range

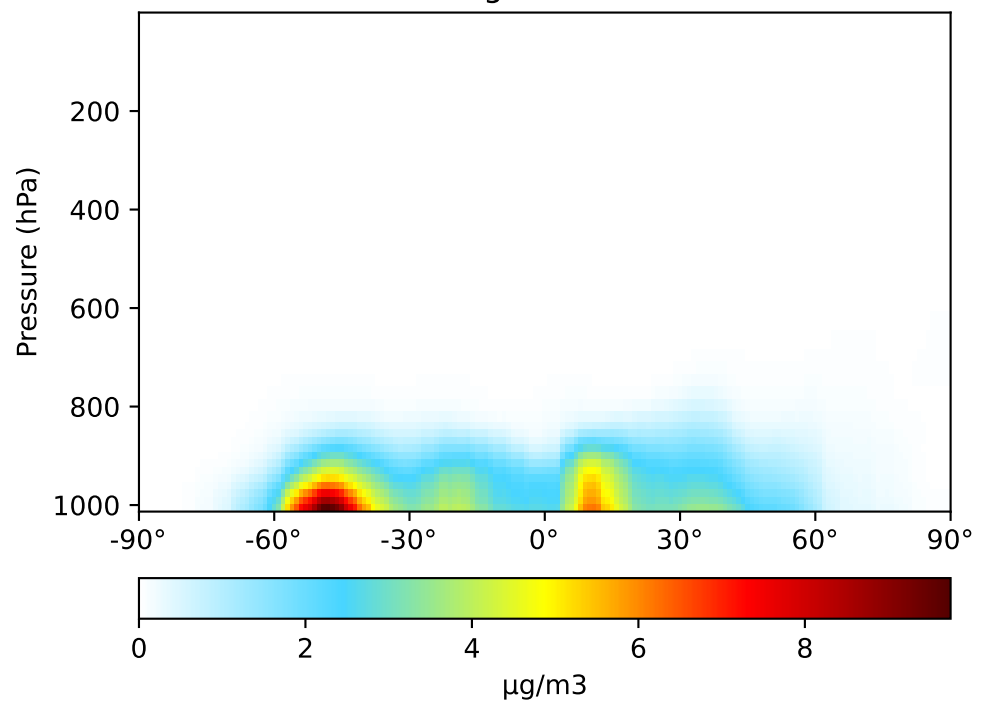


# SpeciesConc\_SALCCL, Zonal Mean (Jan2019)

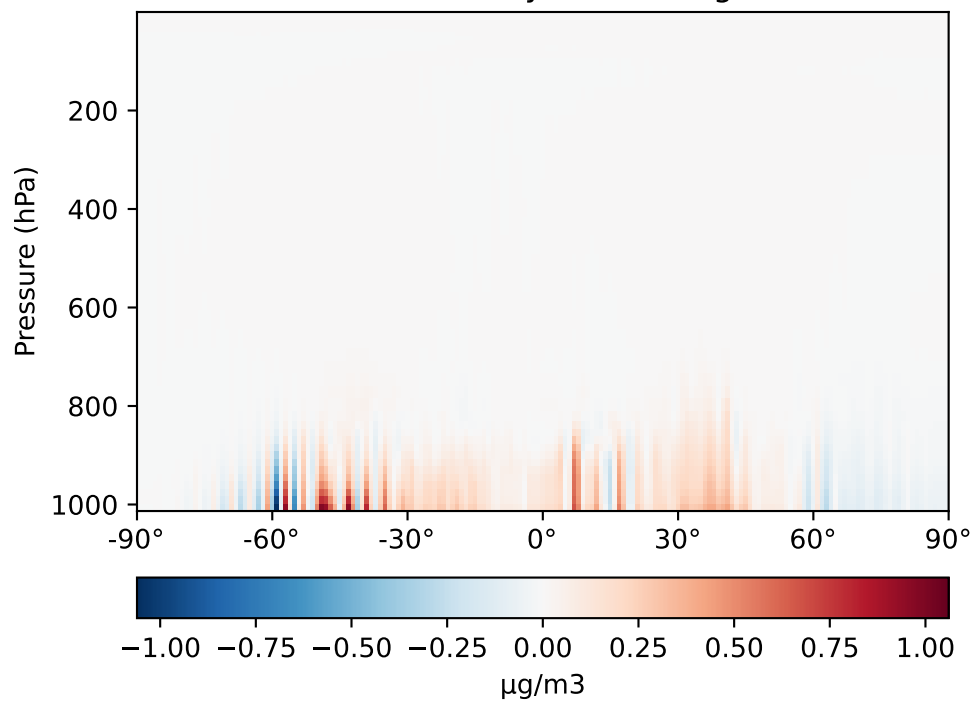
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



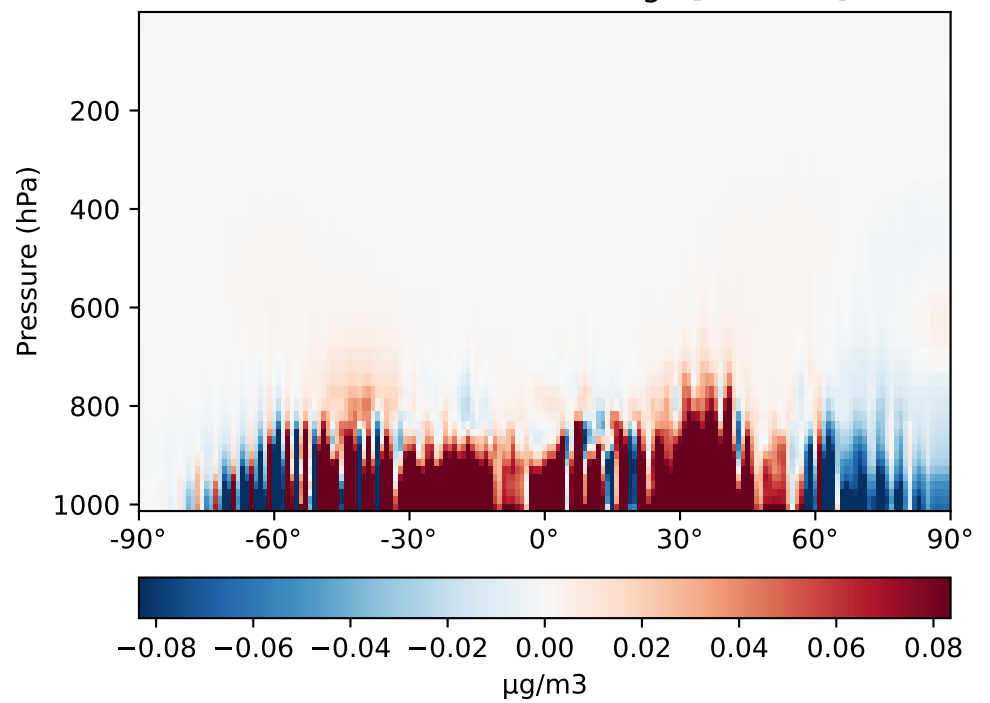
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



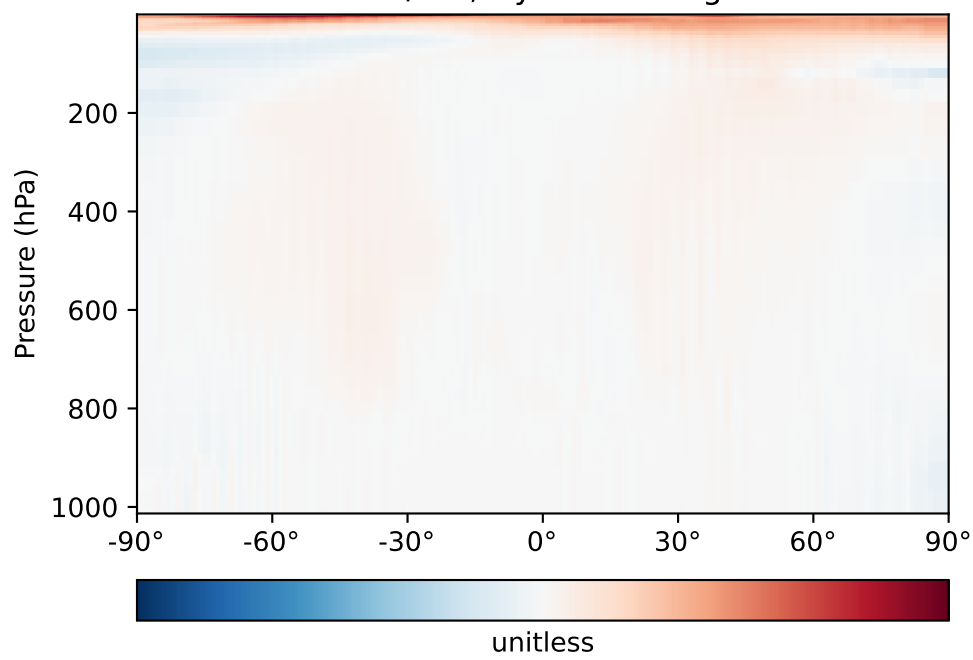
Difference (1x1.25)  
Dev - Ref, Dynamic Range



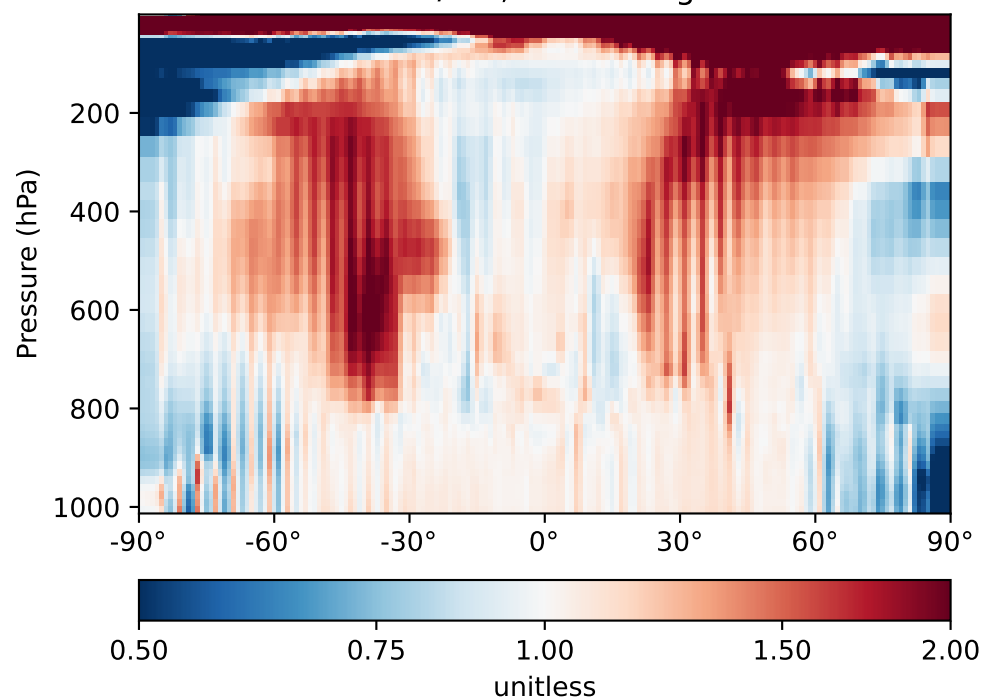
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

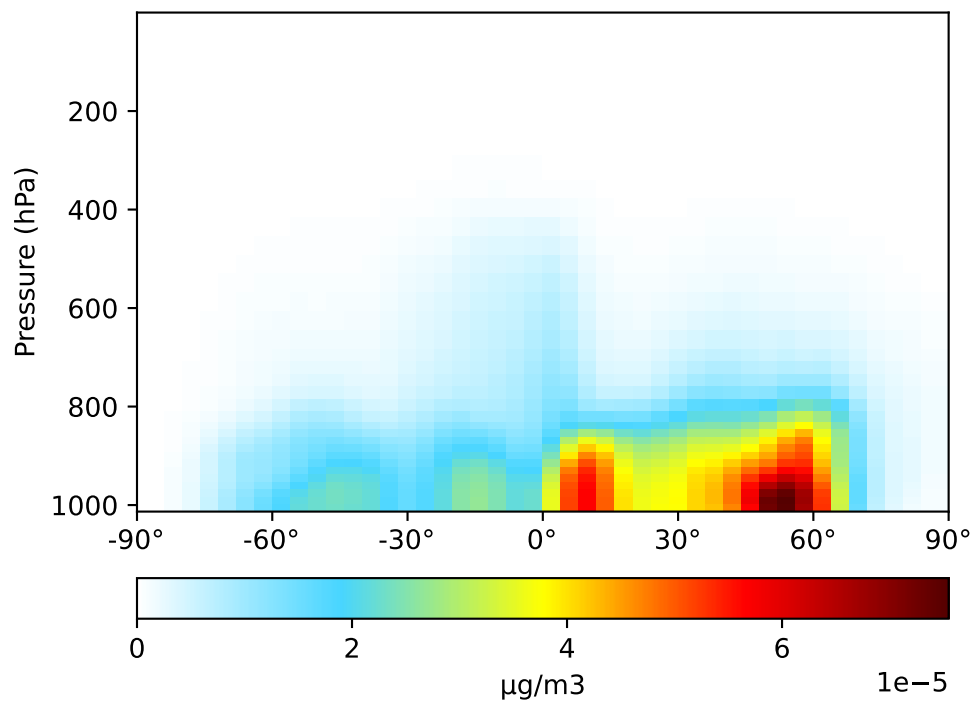


Ratio (1x1.25)  
Dev/Ref, Fixed Range

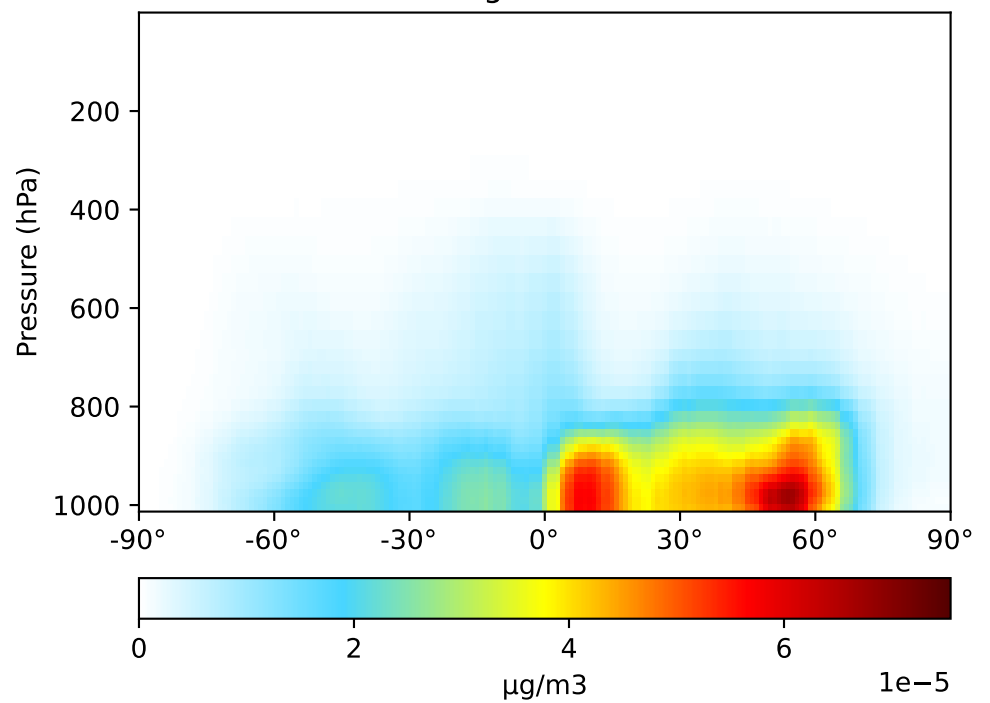


# SpeciesConc\_SO4s, Zonal Mean (Jan2019)

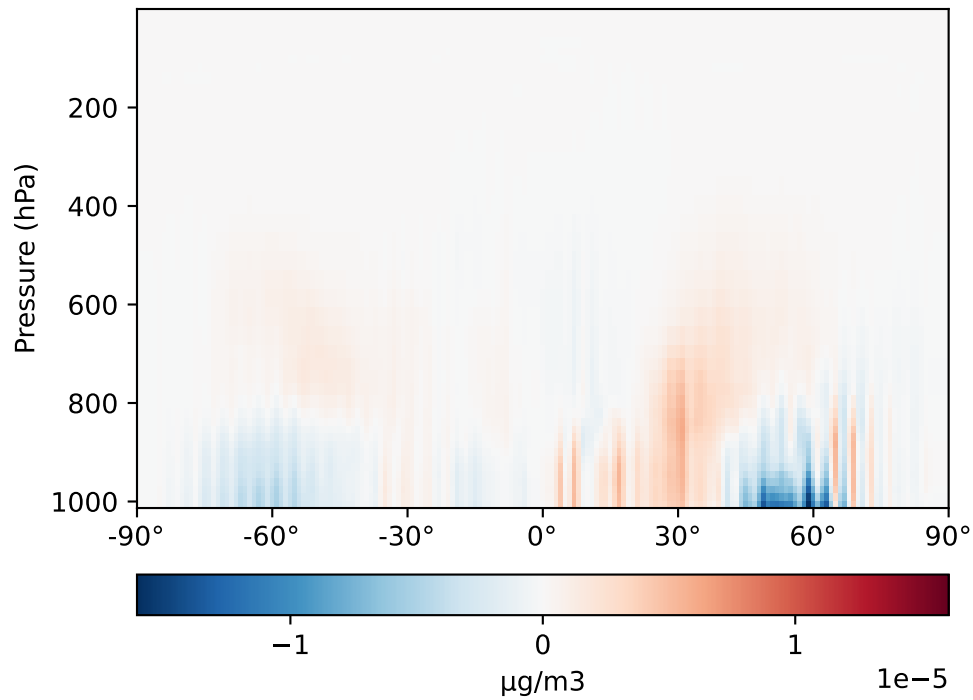
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



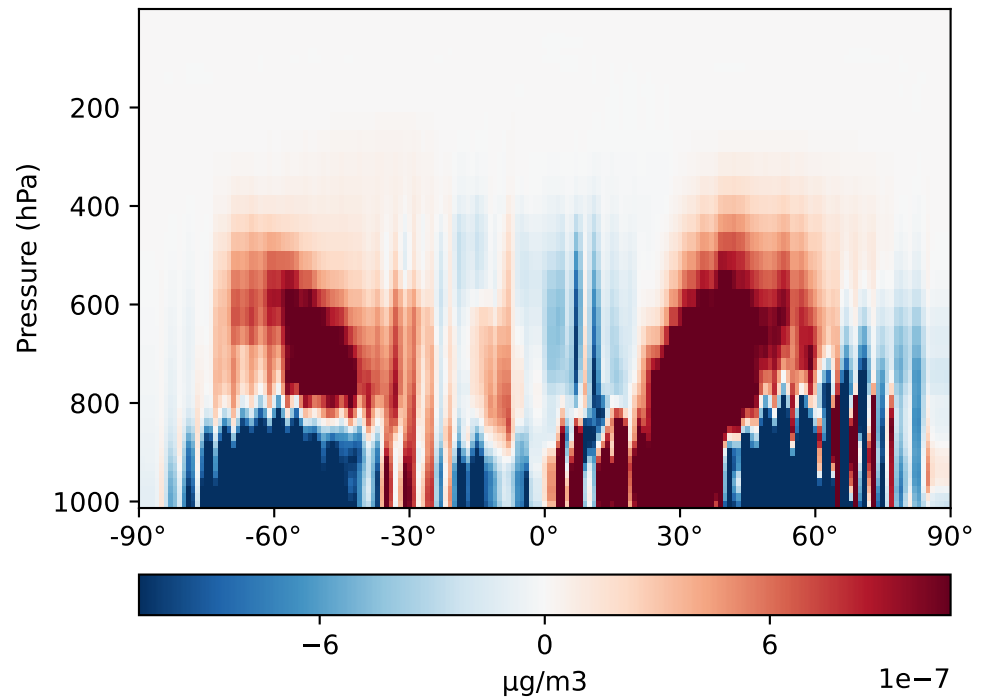
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regridged from c24



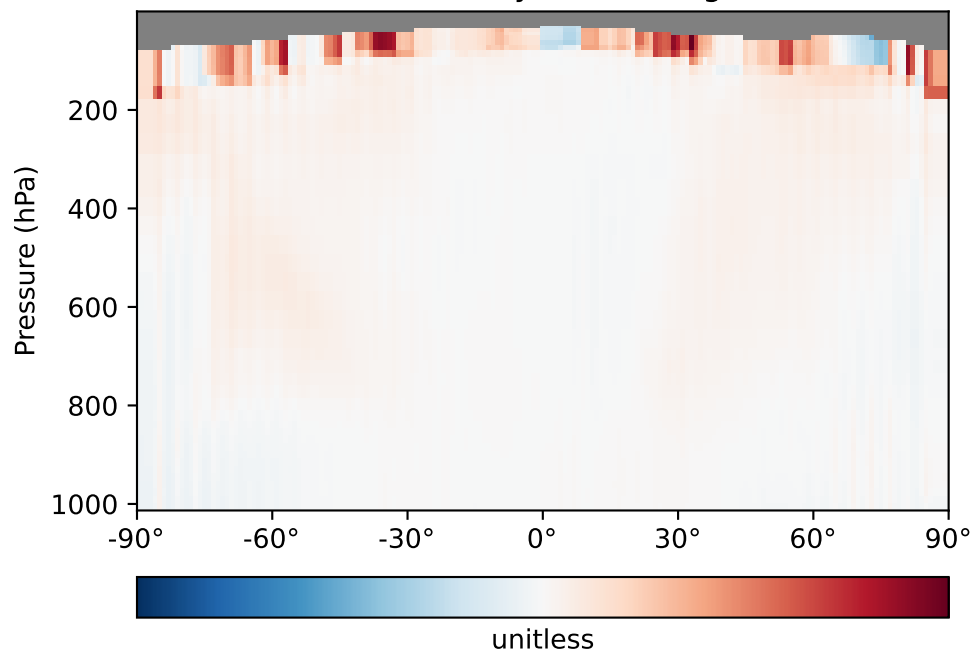
Difference (1x1.25)  
Dev - Ref, Dynamic Range



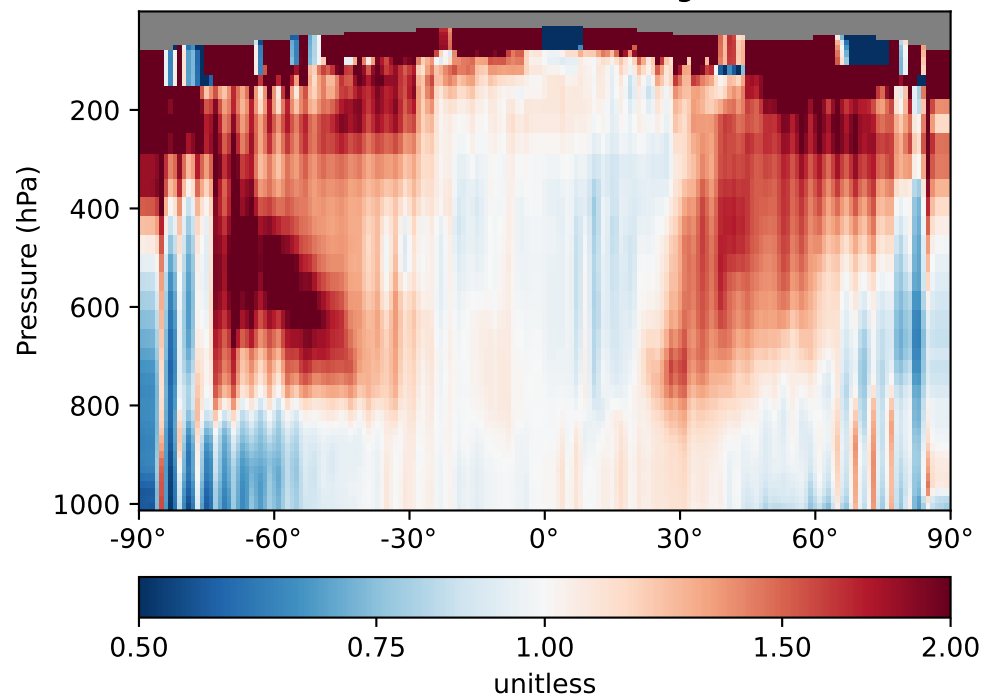
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

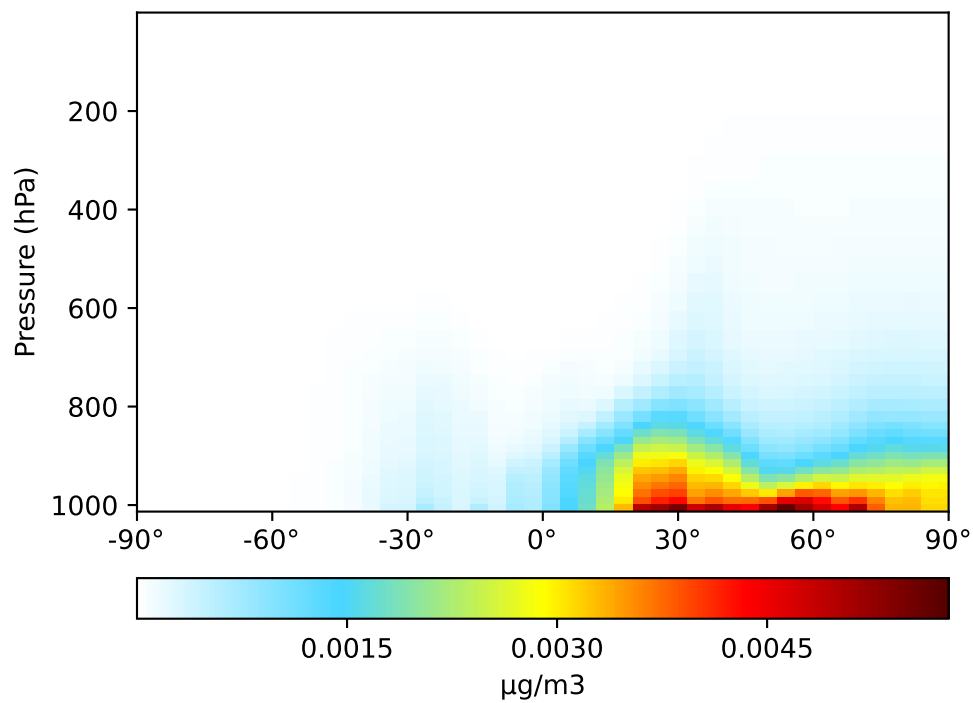


Ratio (1x1.25)  
Dev/Ref, Fixed Range

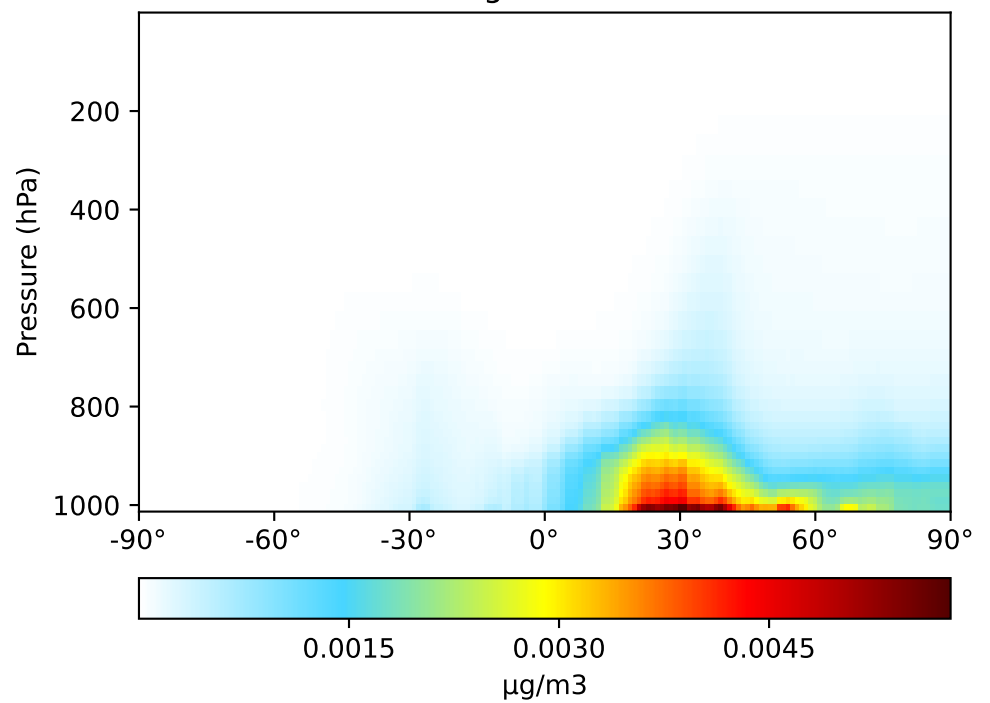


# SpeciesConc\_pFe, Zonal Mean (Jan2019)

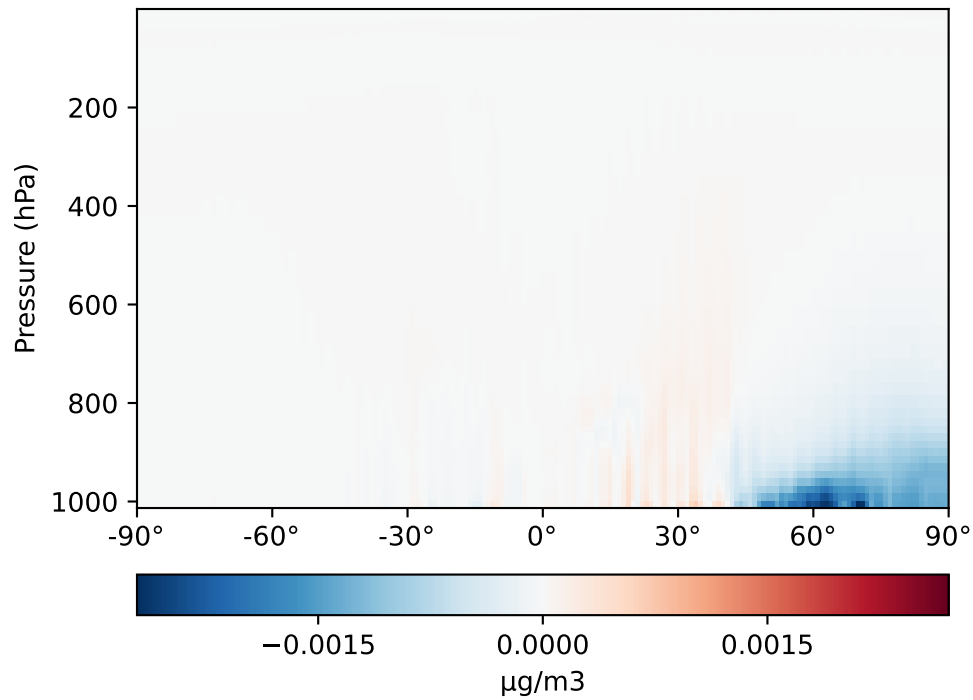
GCC\_14.0.0-rc.3 (Ref)  
4.0x5.0



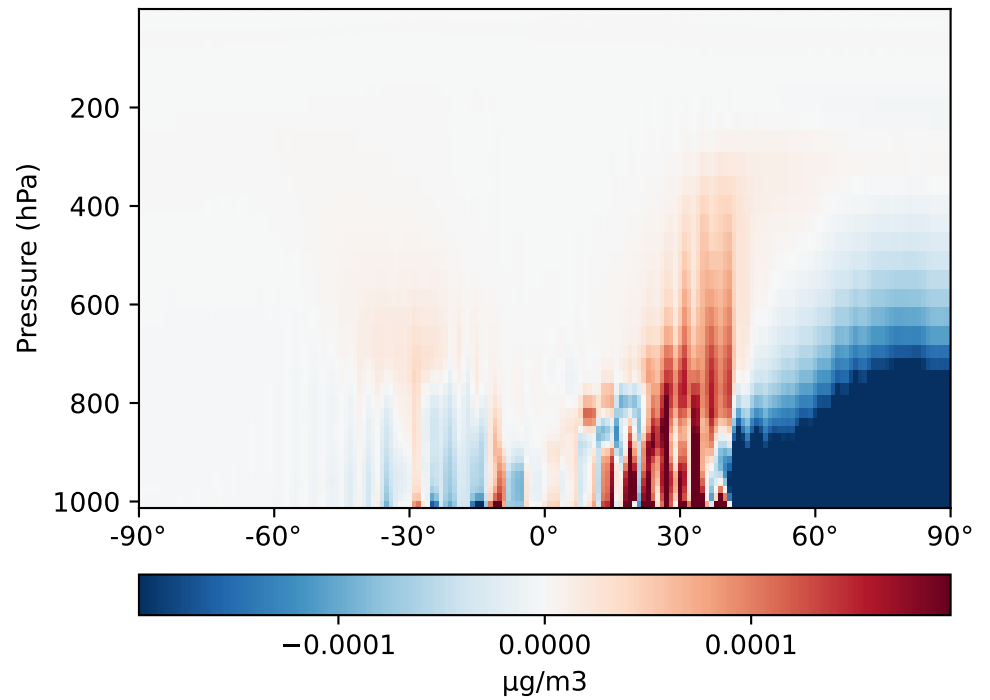
GCHP\_14.0.0-rc.3 (Dev)  
1x1.25 regrided from c24



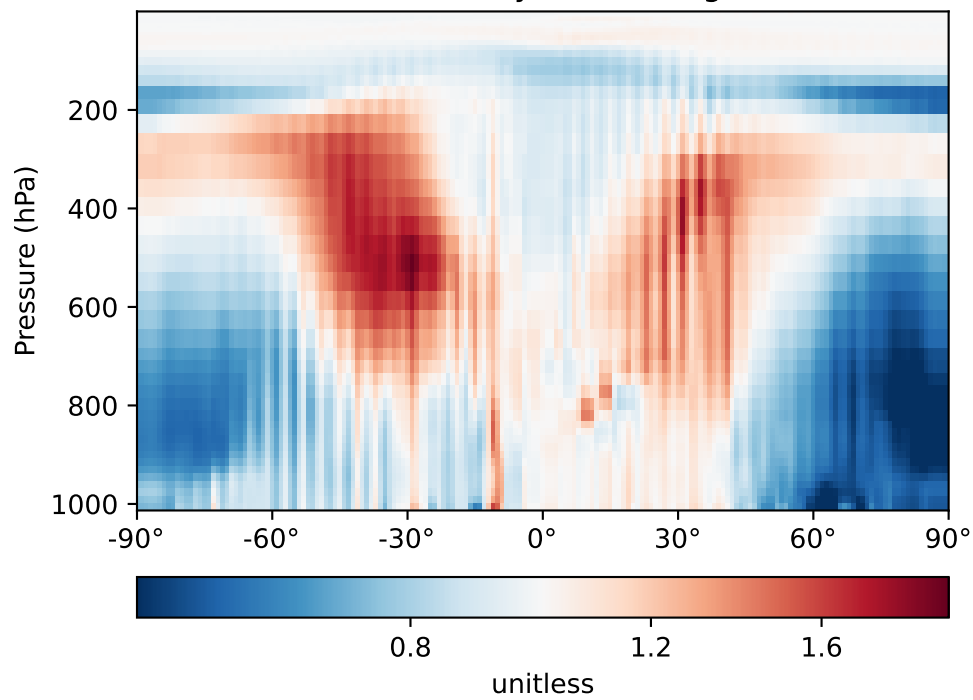
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

