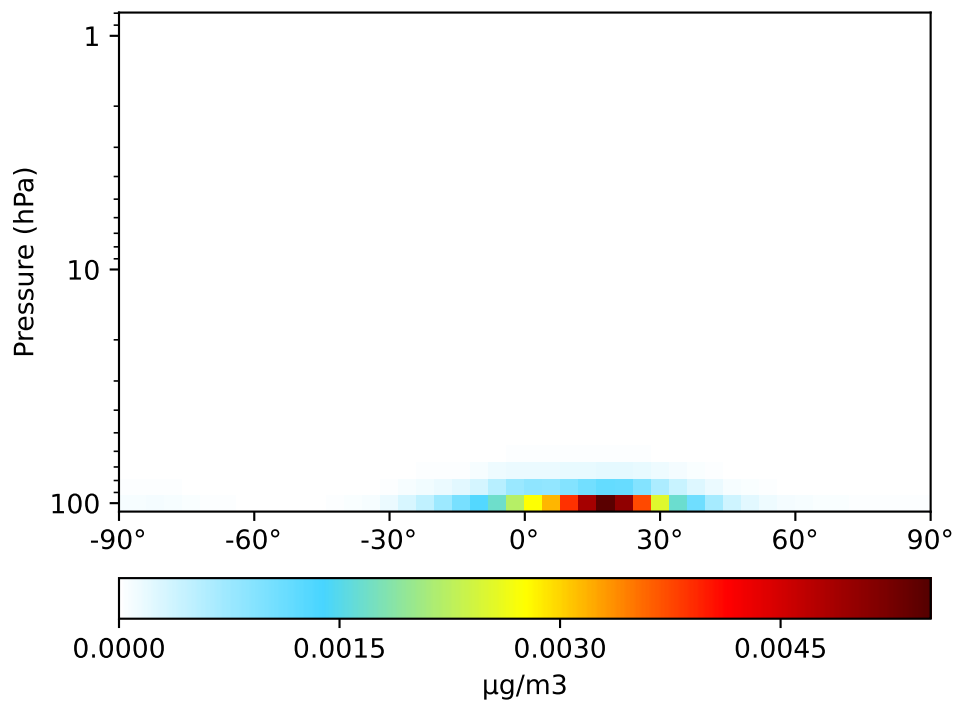
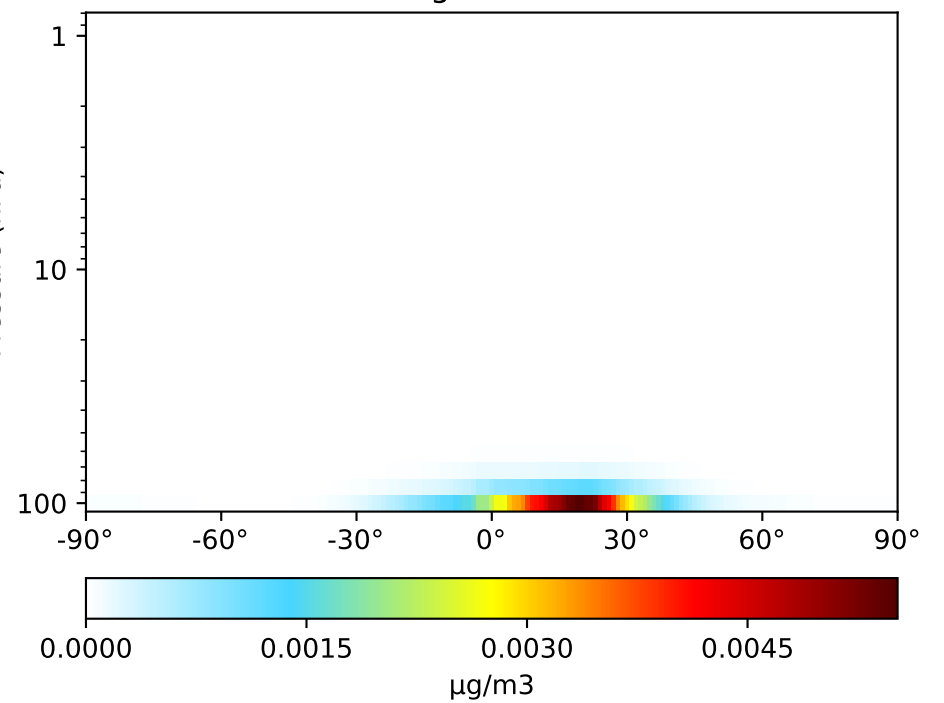


SpeciesConcVV_DST1, Zonal Mean

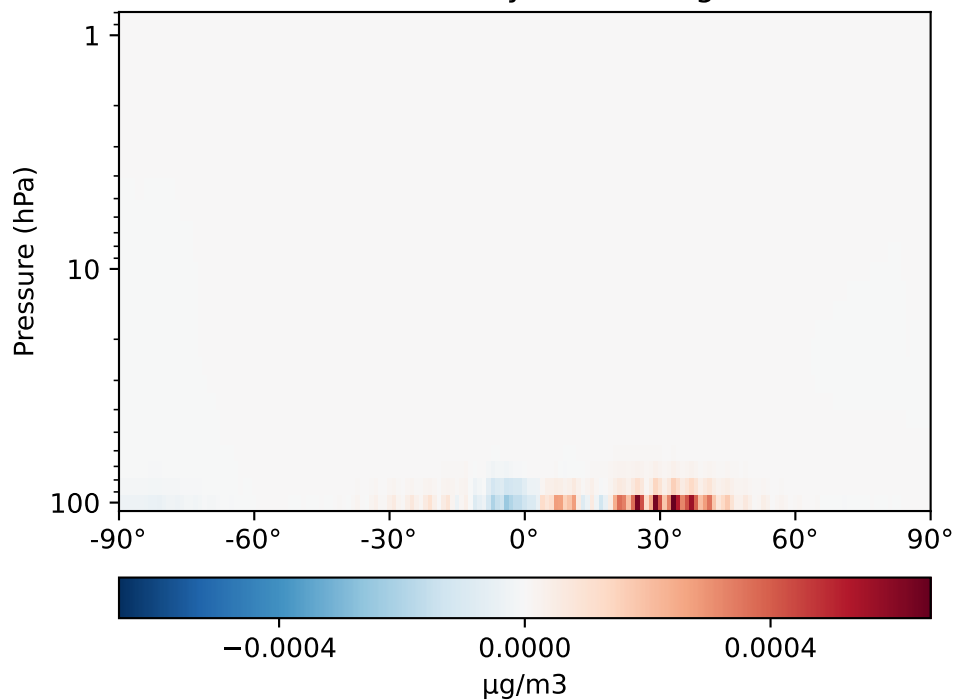
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



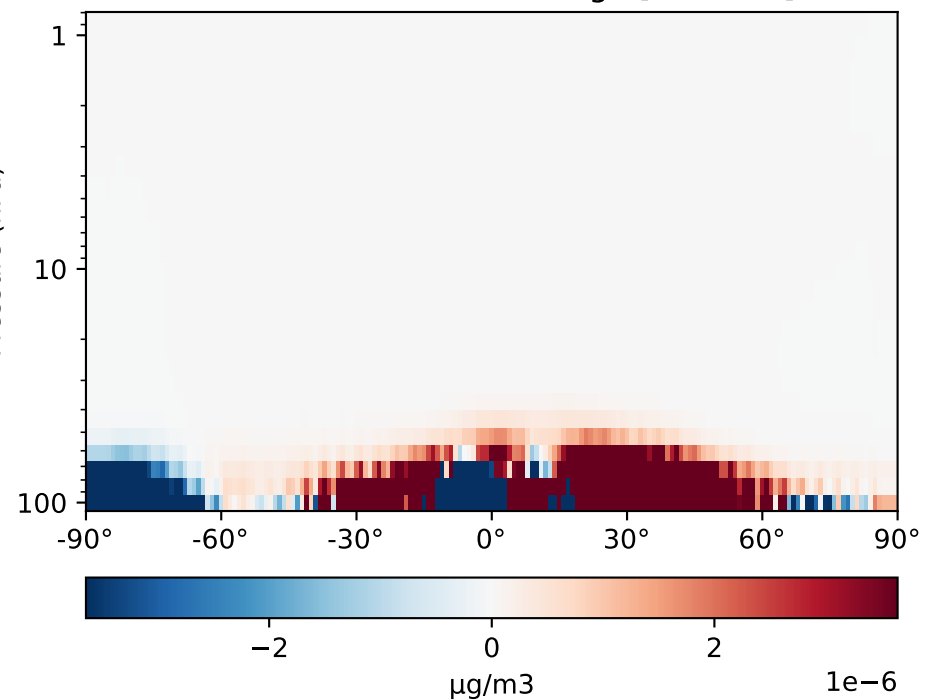
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



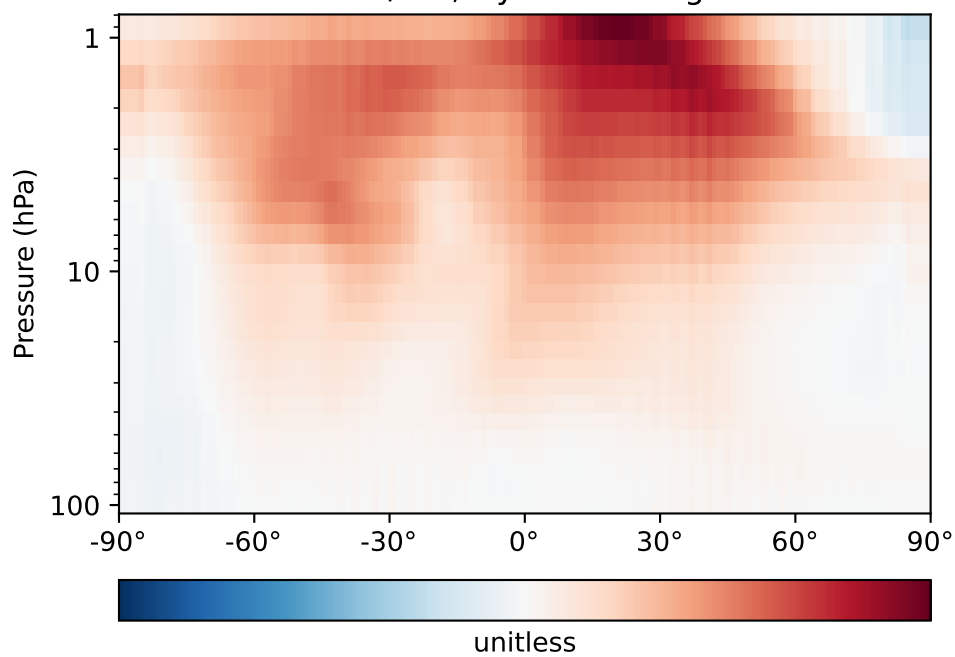
Difference (1x1.25)
Dev - Ref, Dynamic Range



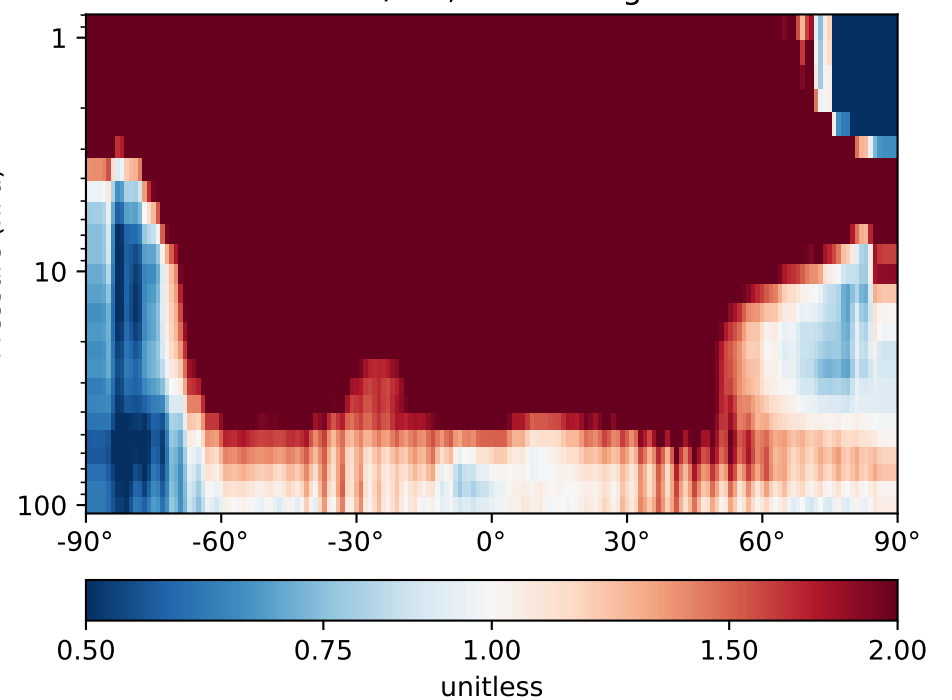
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

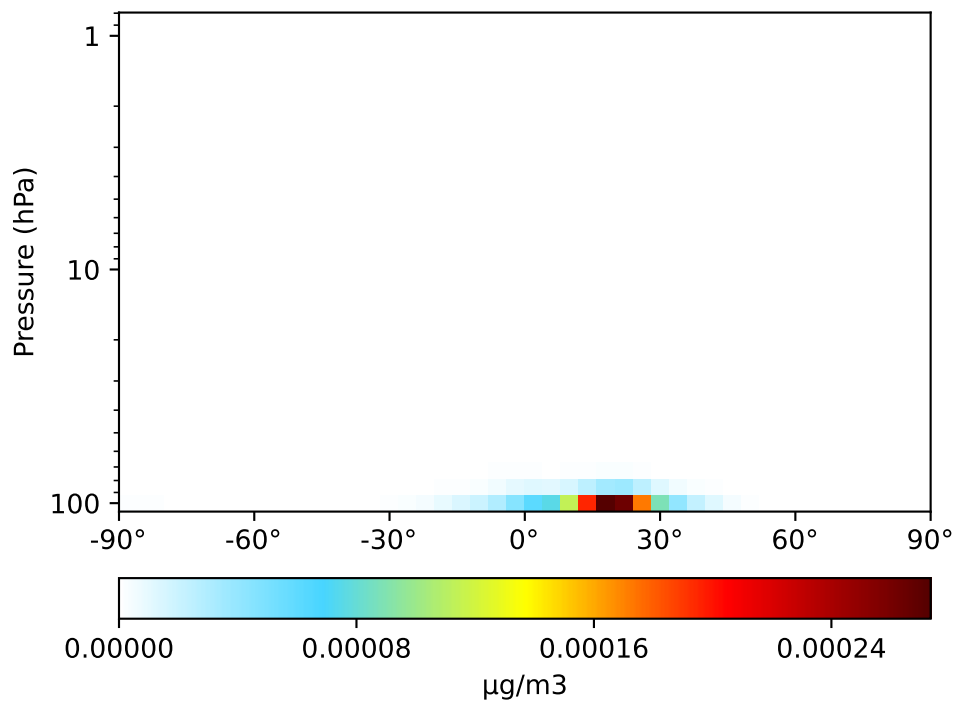


Ratio (1x1.25)
Dev/Ref, Fixed Range

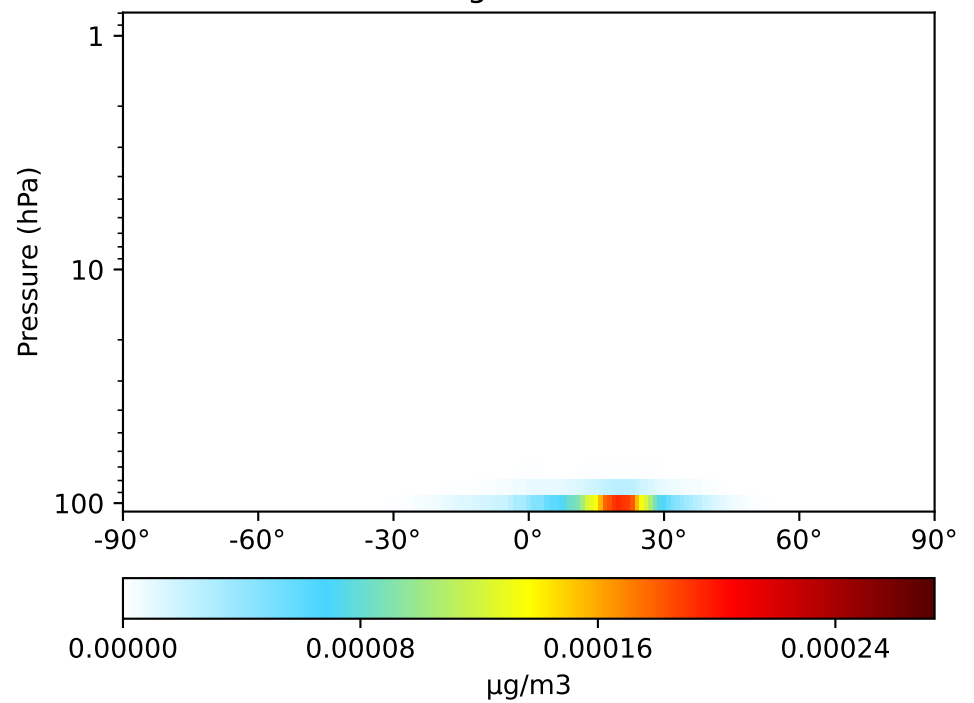


SpeciesConcVV_DST2, Zonal Mean

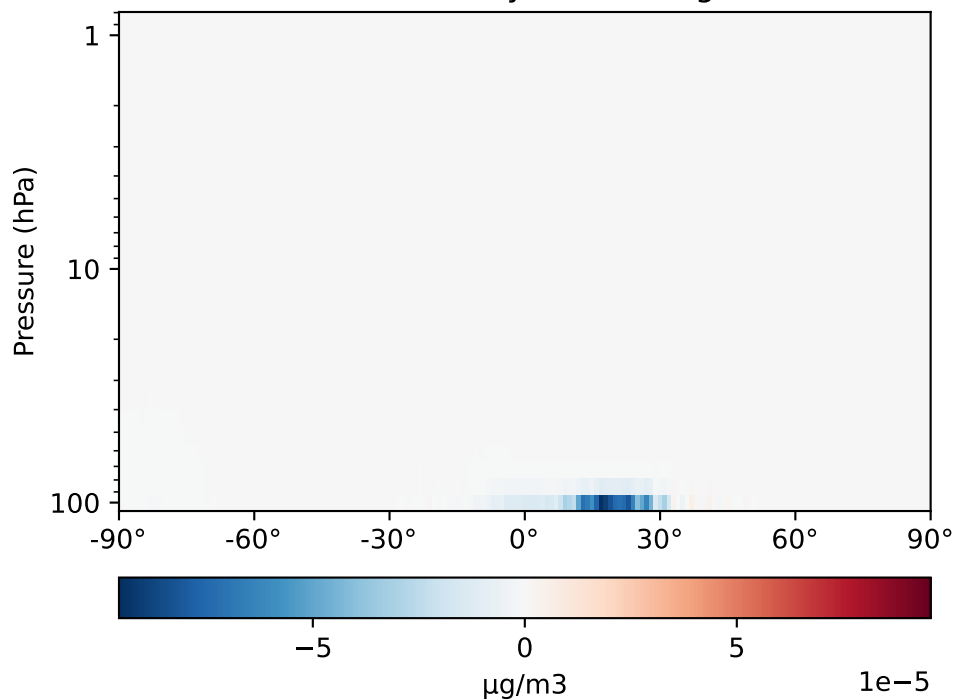
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



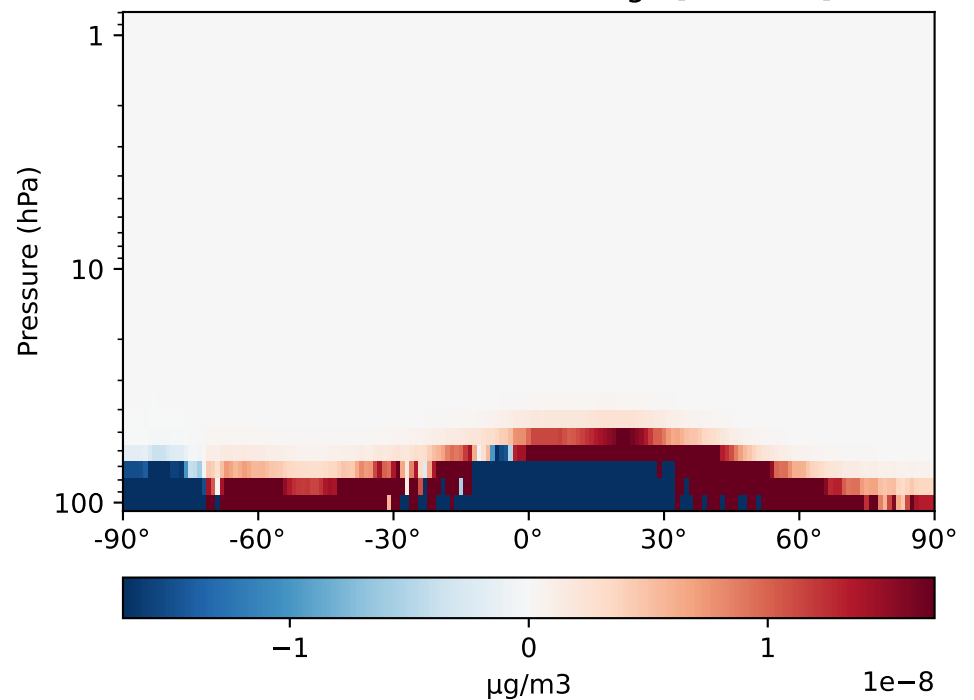
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



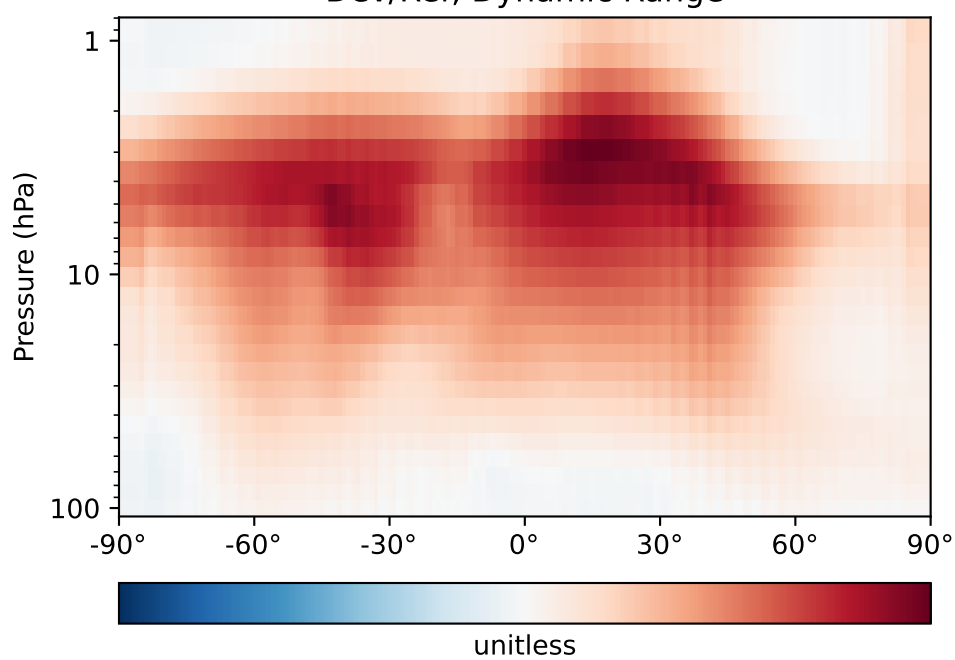
Difference (1x1.25)
Dev - Ref, Dynamic Range



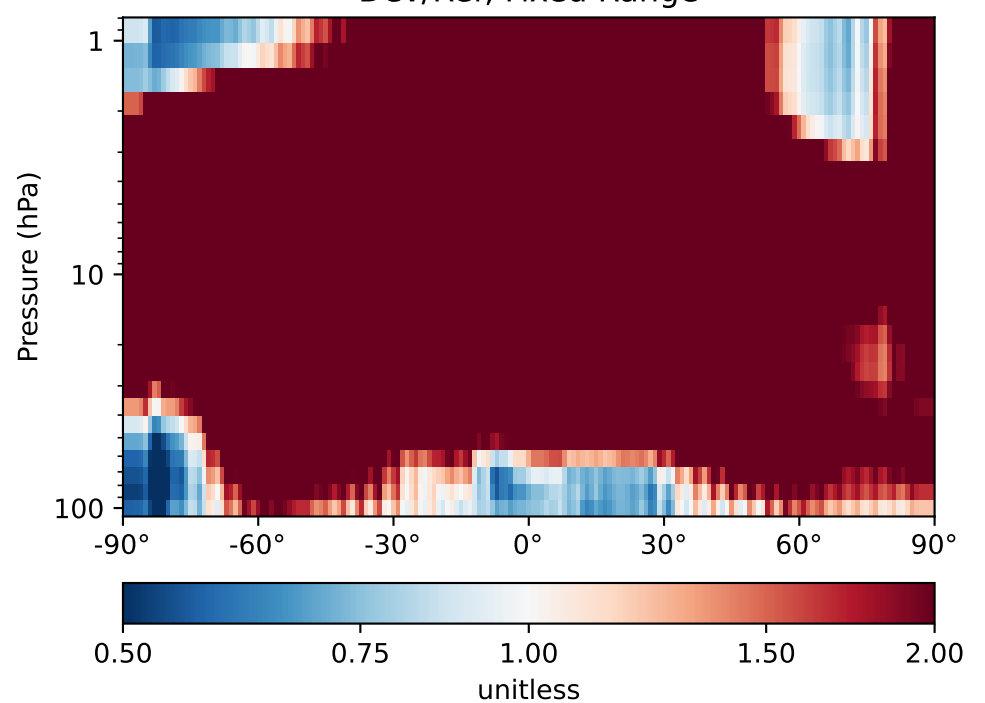
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

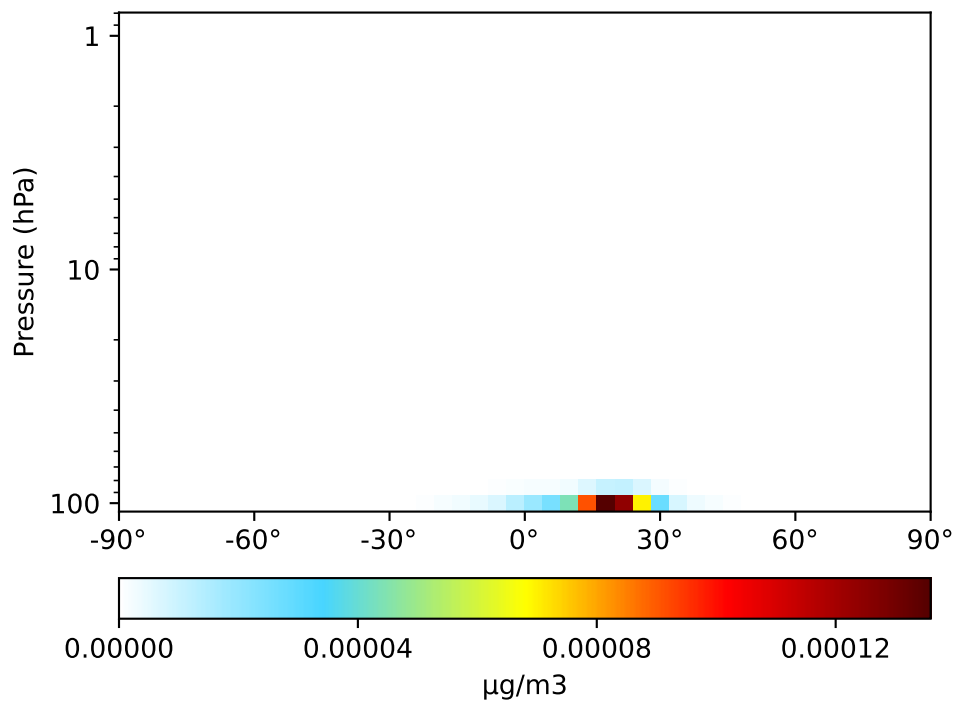


Ratio (1x1.25)
Dev/Ref, Fixed Range

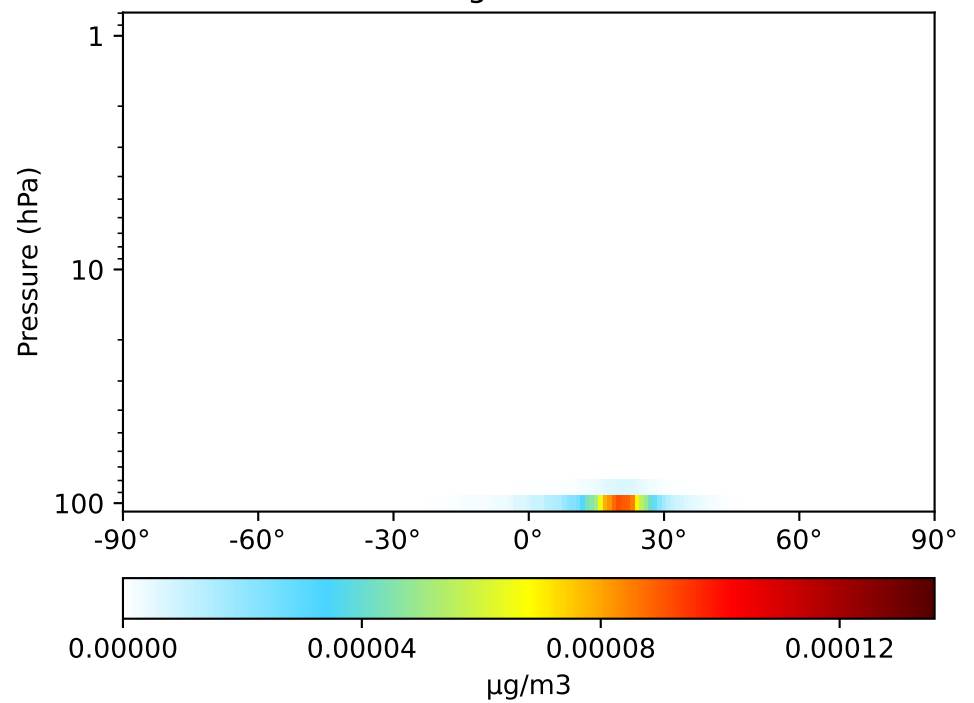


SpeciesConcVV_DST3, Zonal Mean

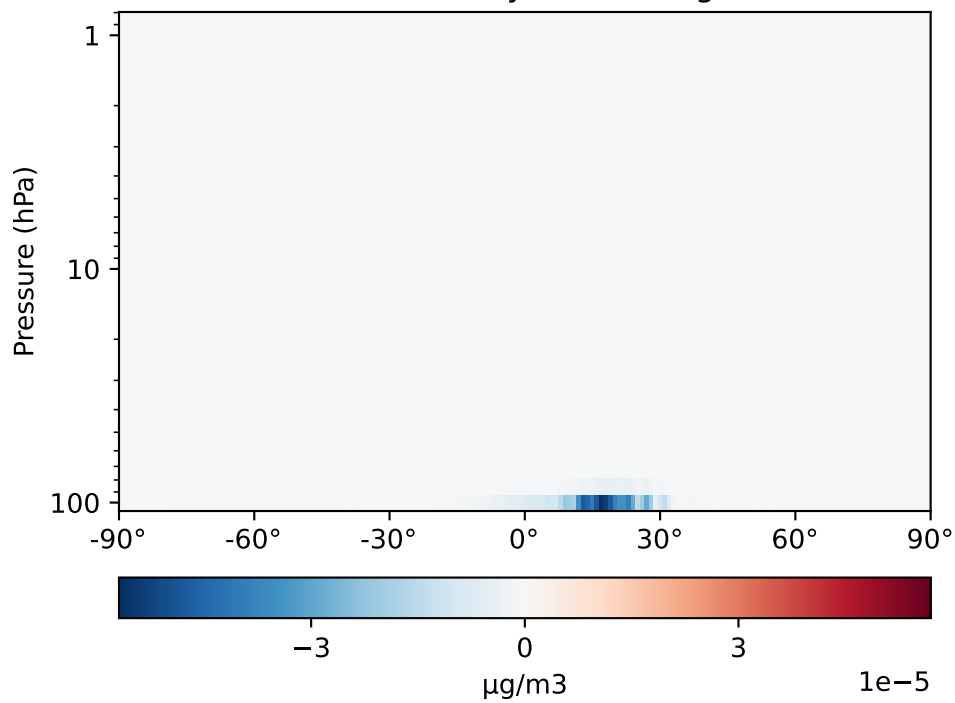
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



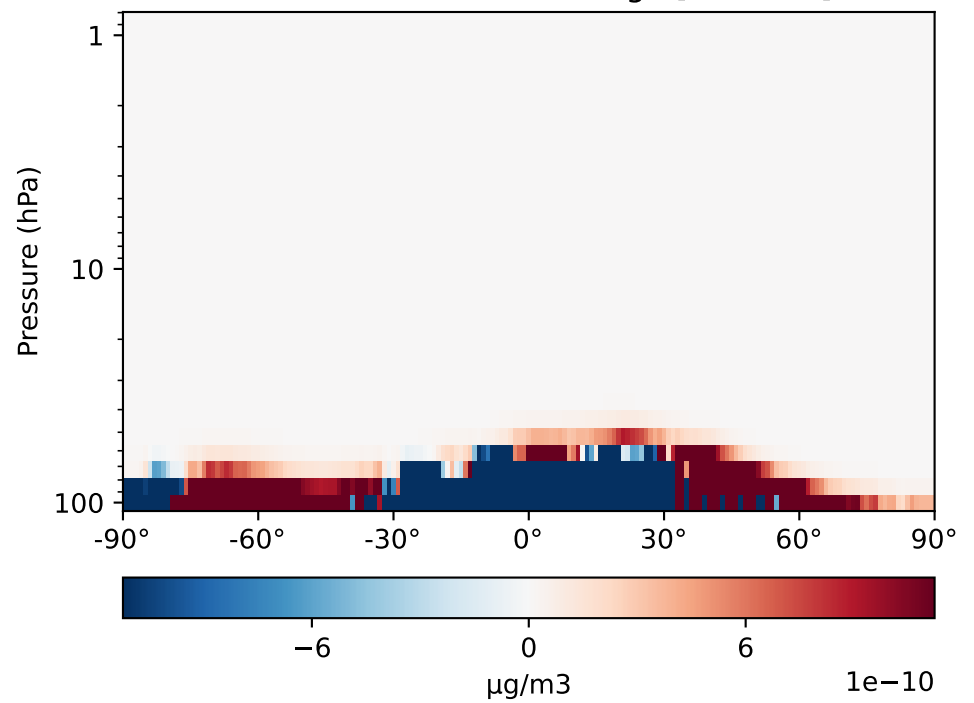
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



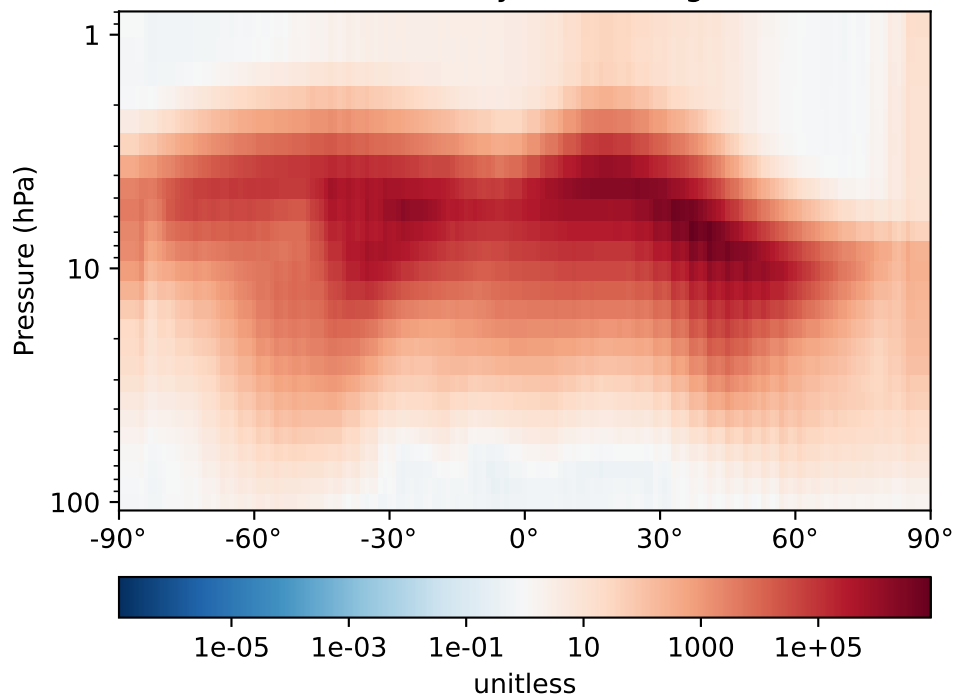
Difference (1x1.25)
Dev - Ref, Dynamic Range



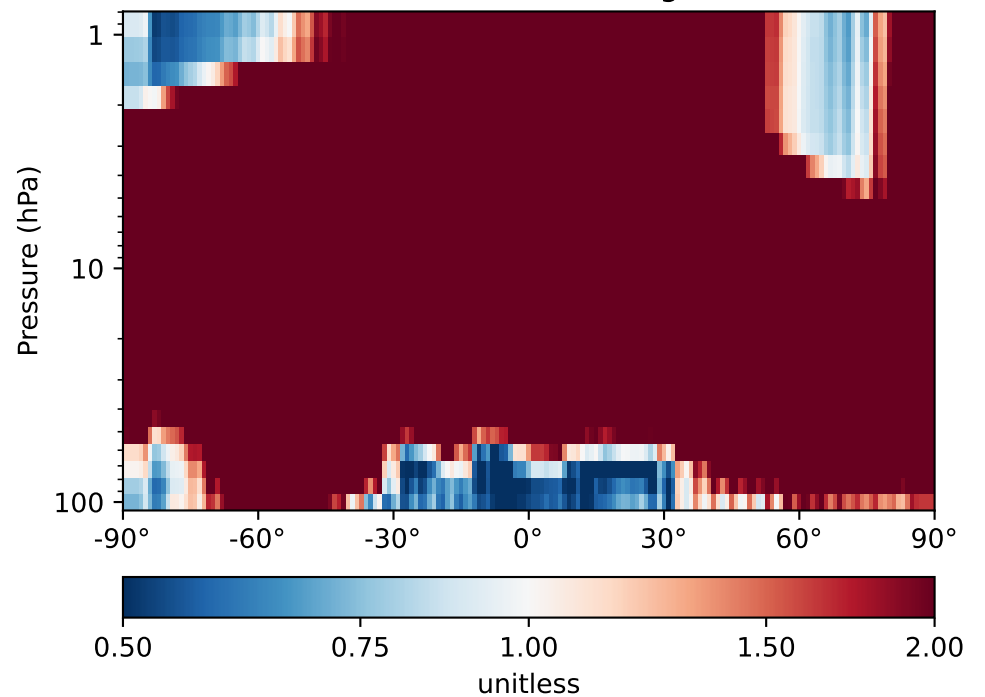
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

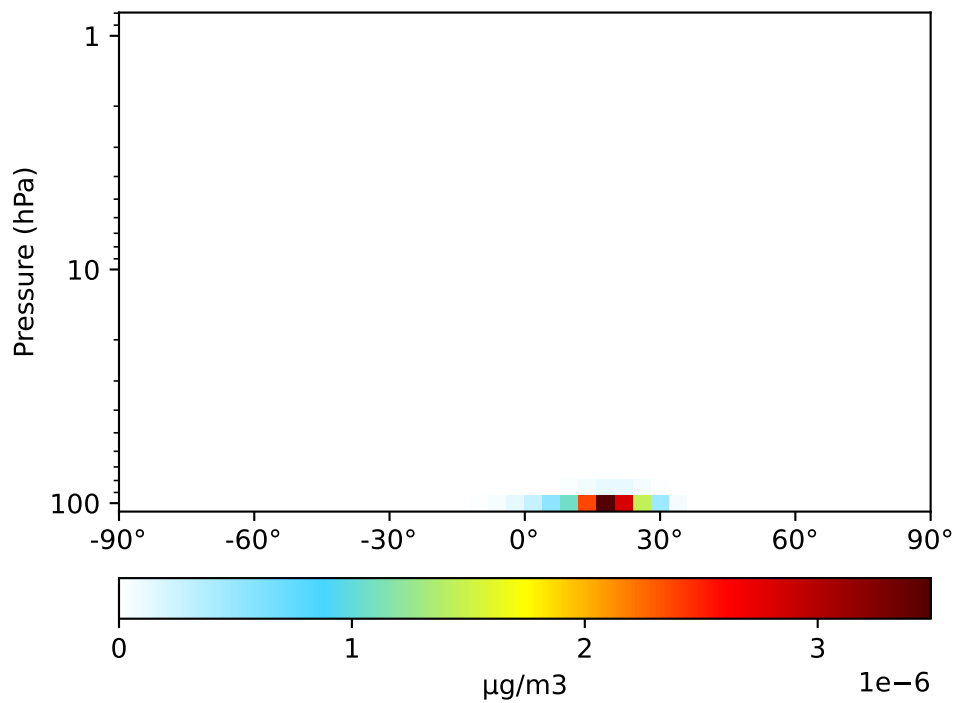


Ratio (1x1.25)
Dev/Ref, Fixed Range

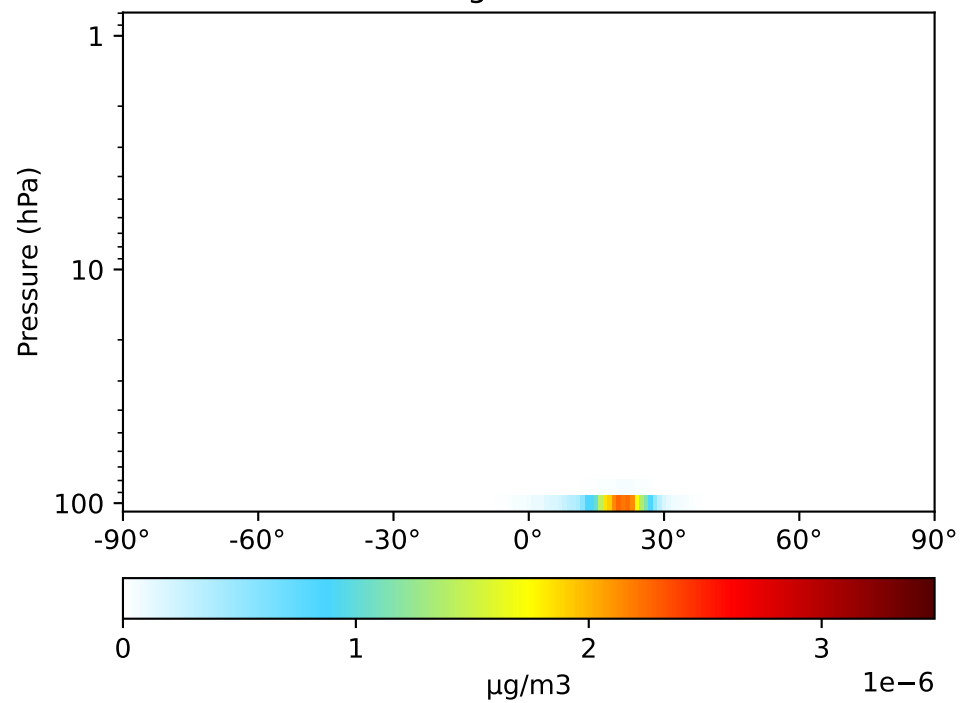


SpeciesConcVV_DST4, Zonal Mean

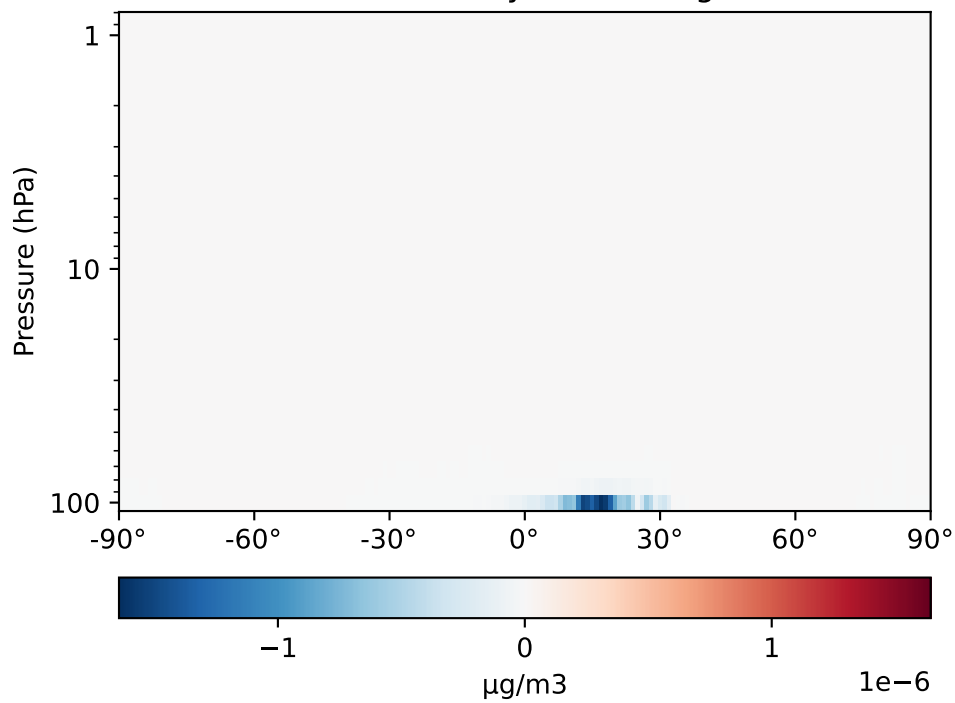
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



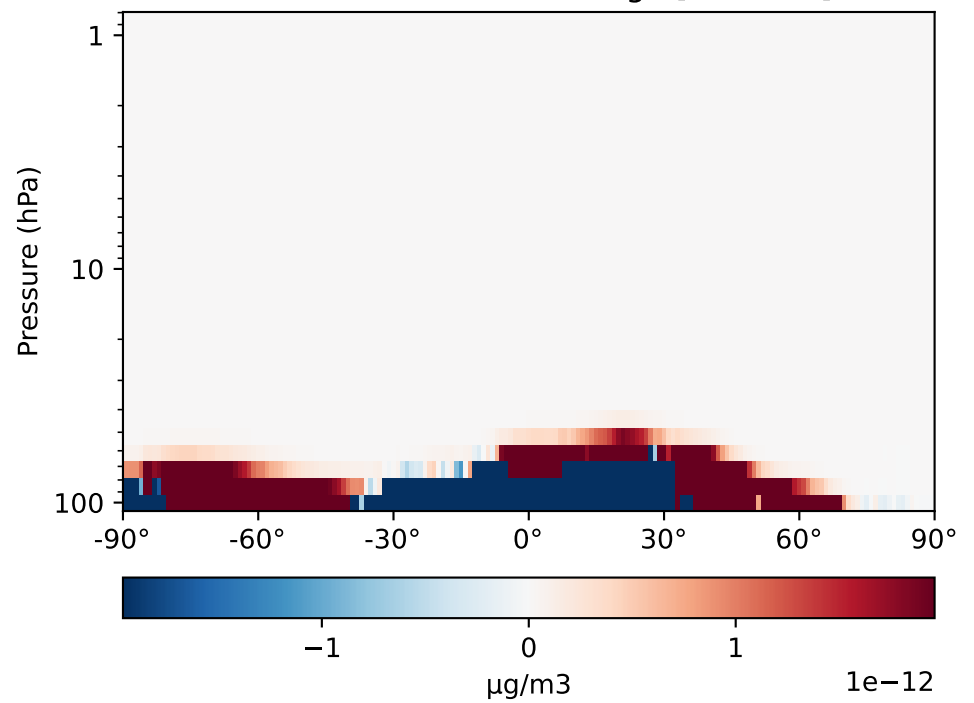
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



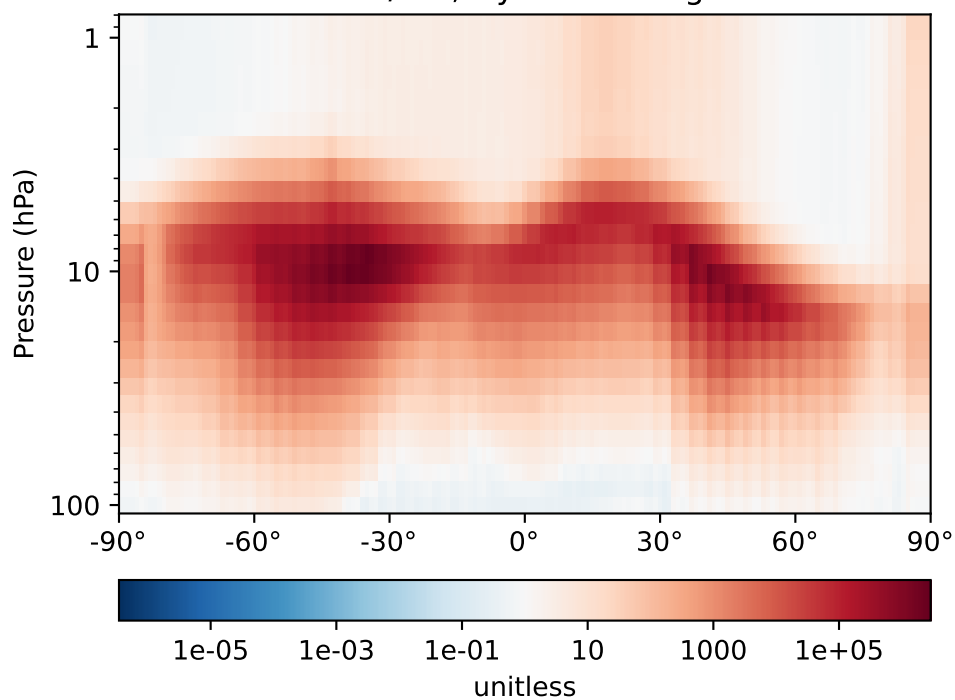
Difference (1x1.25)
Dev - Ref, Dynamic Range



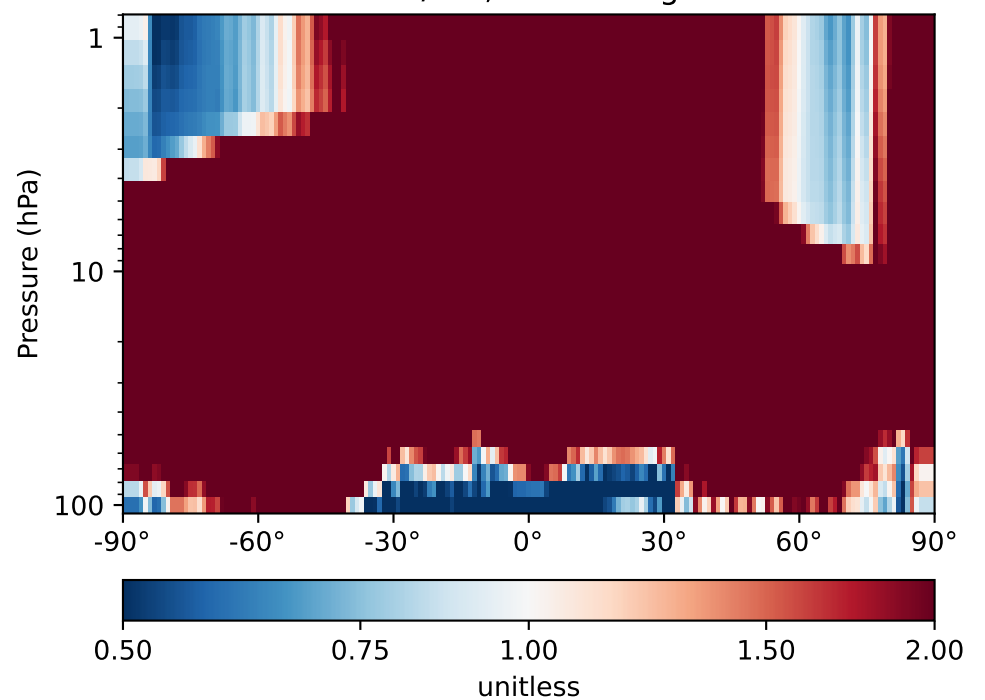
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

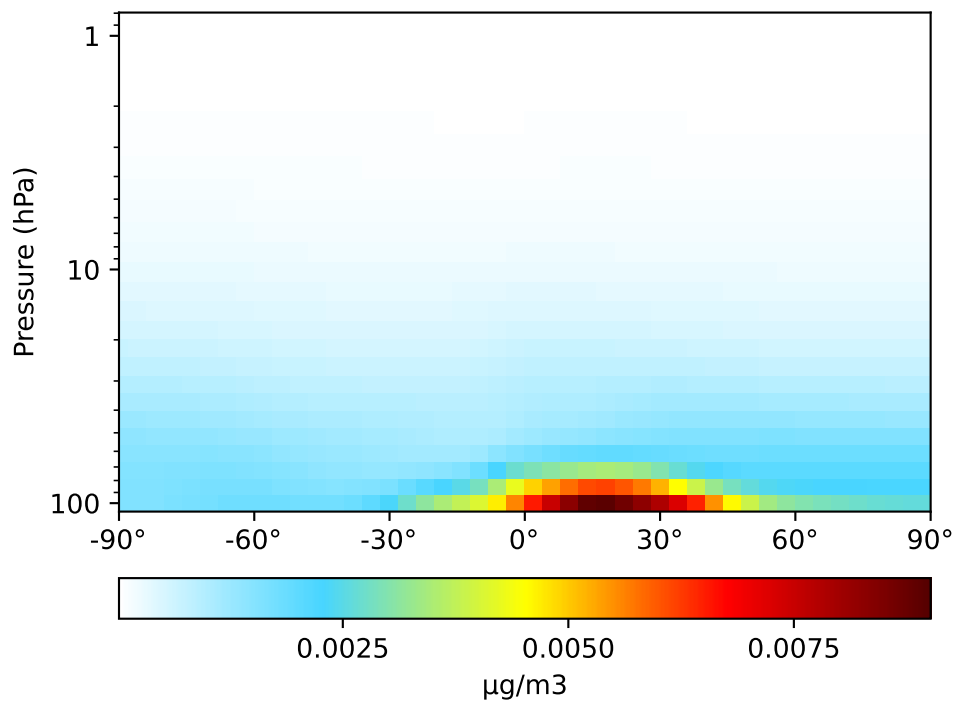


Ratio (1x1.25)
Dev/Ref, Fixed Range

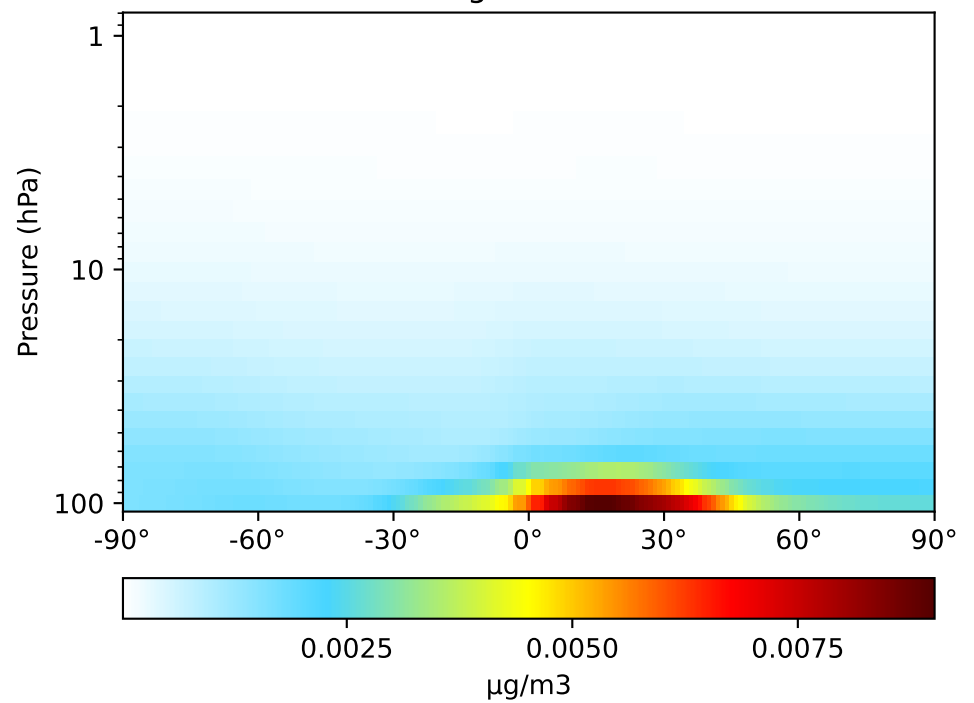


SpeciesConcVV_NH4, Zonal Mean

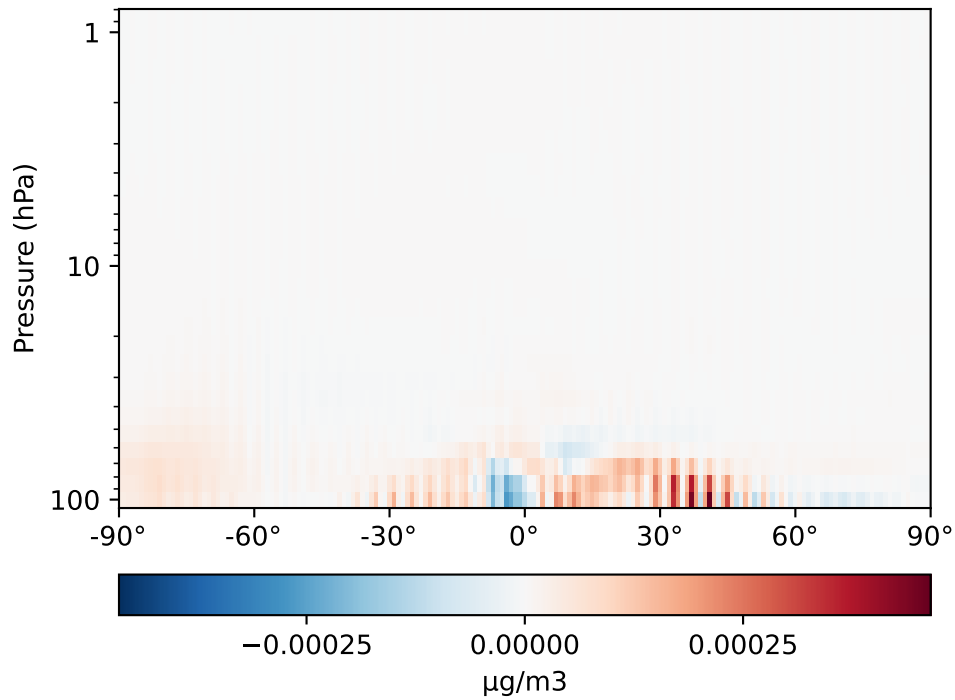
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



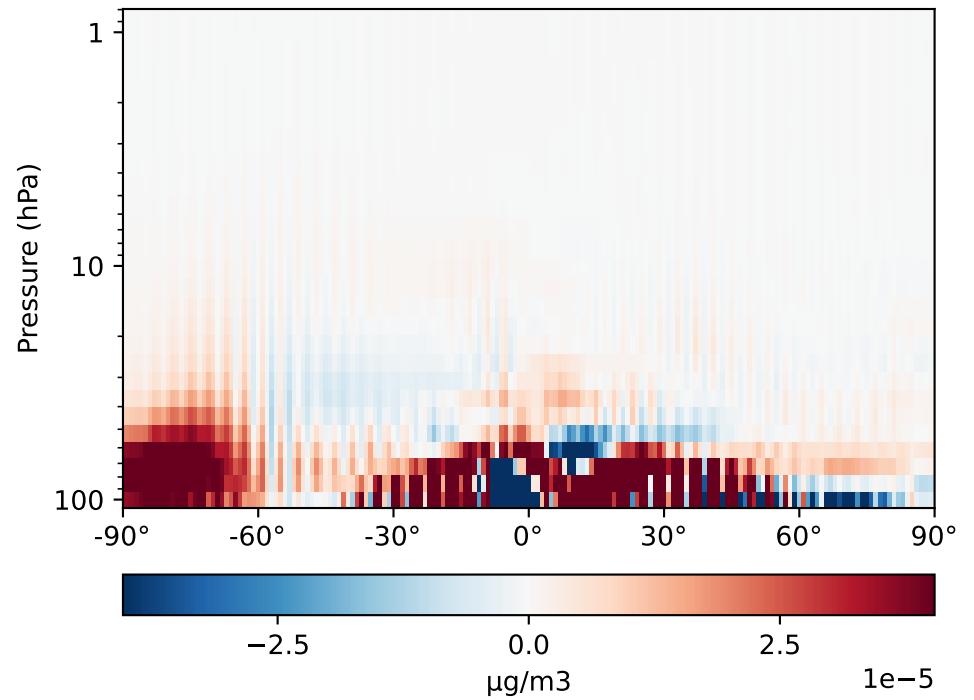
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



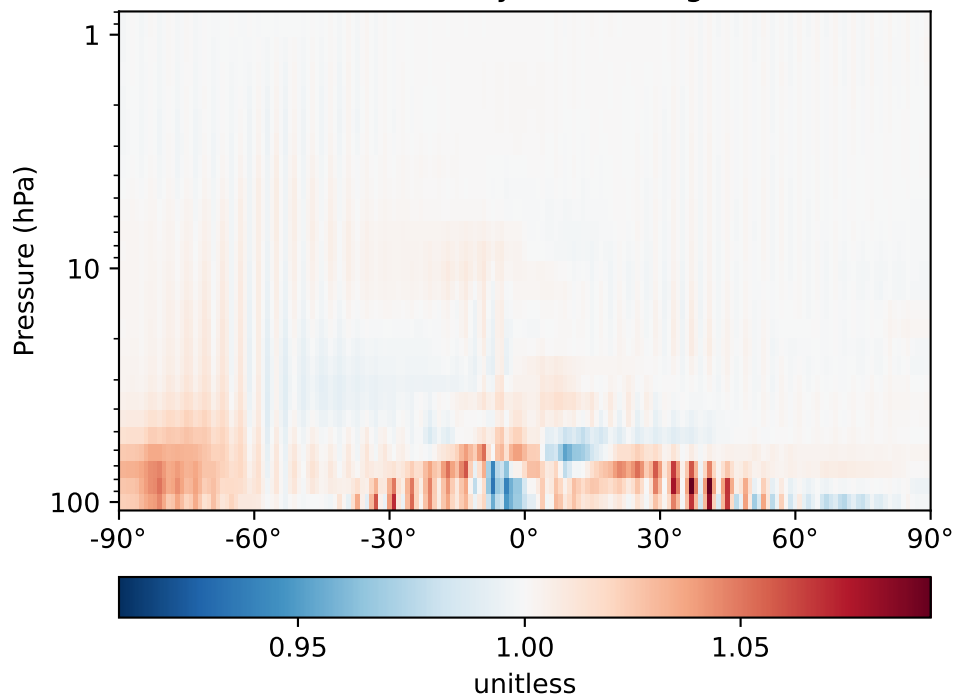
Difference (1x1.25)
Dev - Ref, Dynamic Range



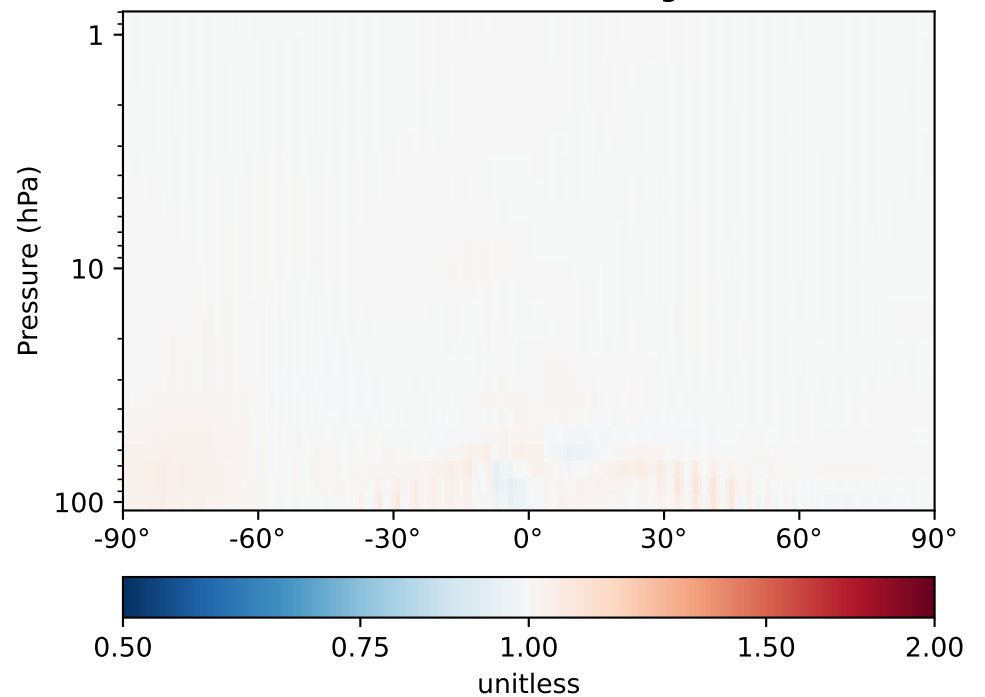
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

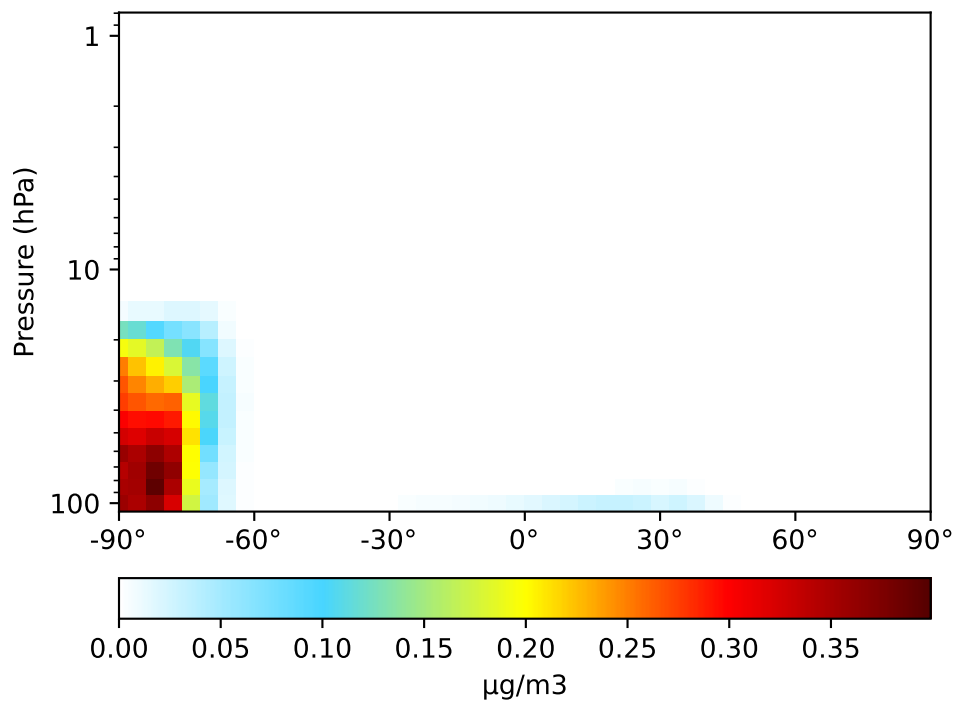


Ratio (1x1.25)
Dev/Ref, Fixed Range

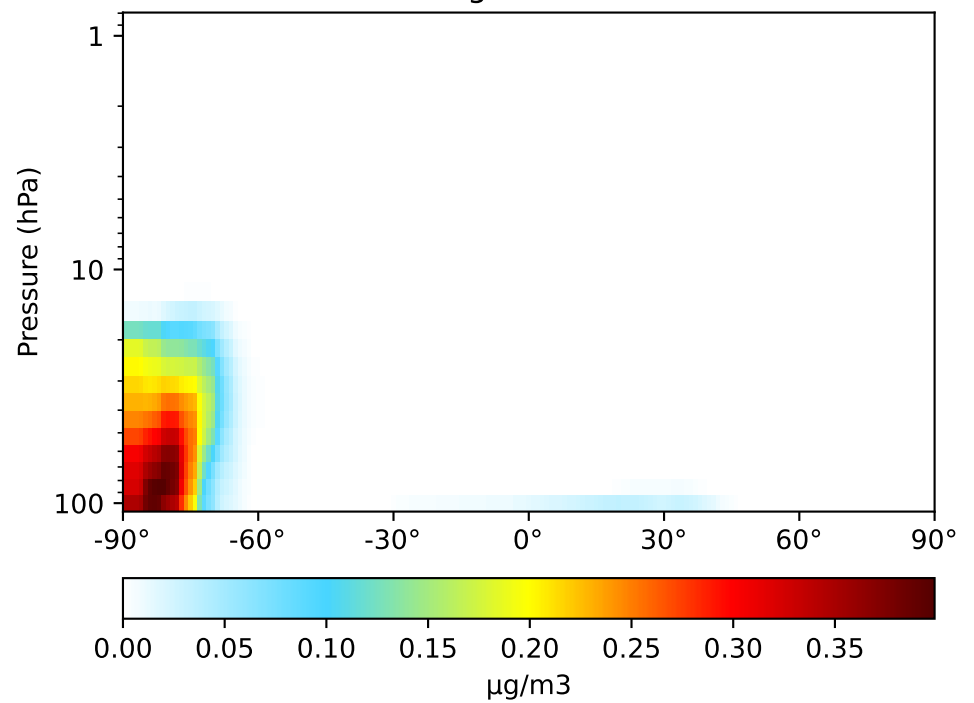


SpeciesConcVV_NIT, Zonal Mean

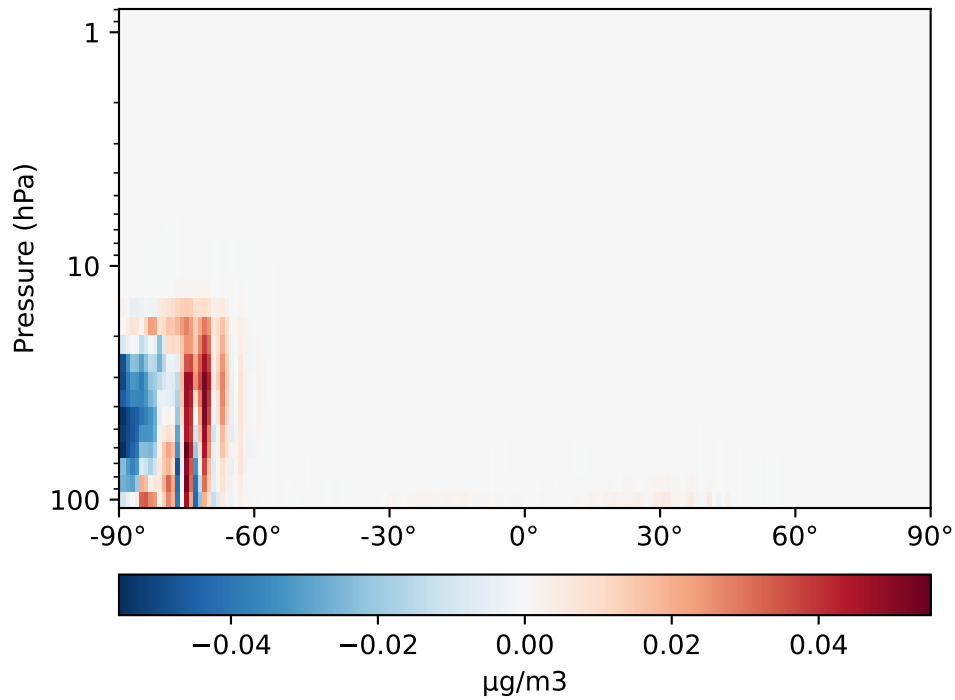
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



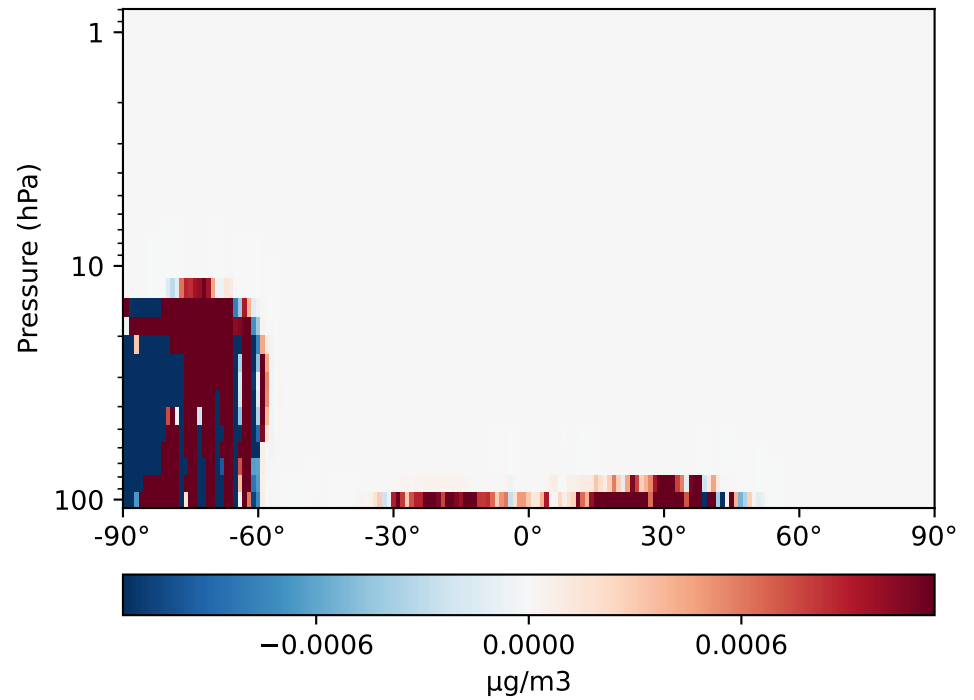
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



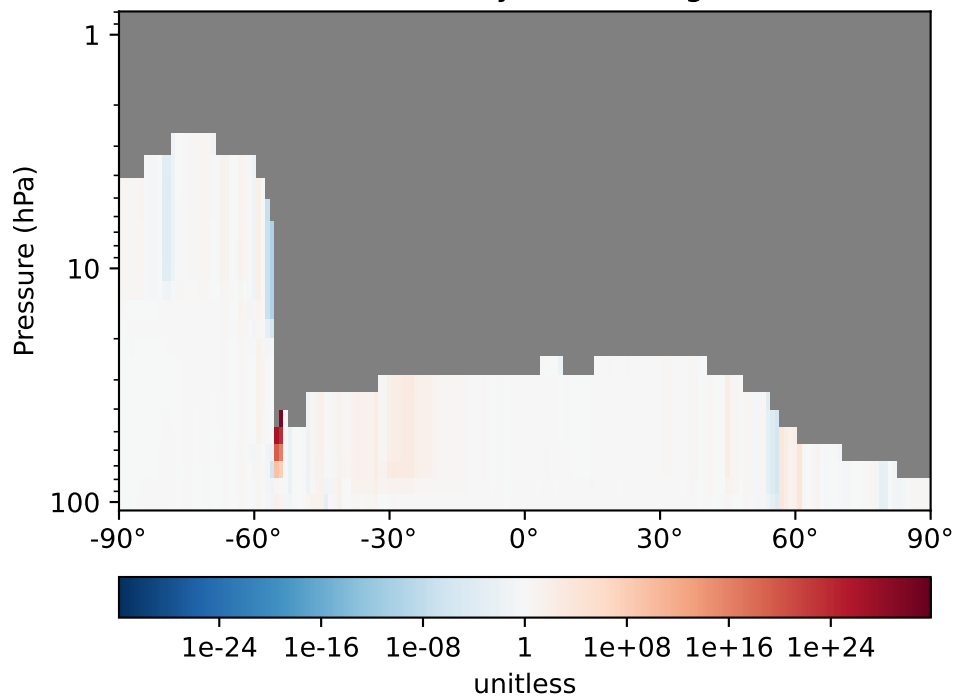
Difference (1x1.25)
Dev - Ref, Dynamic Range



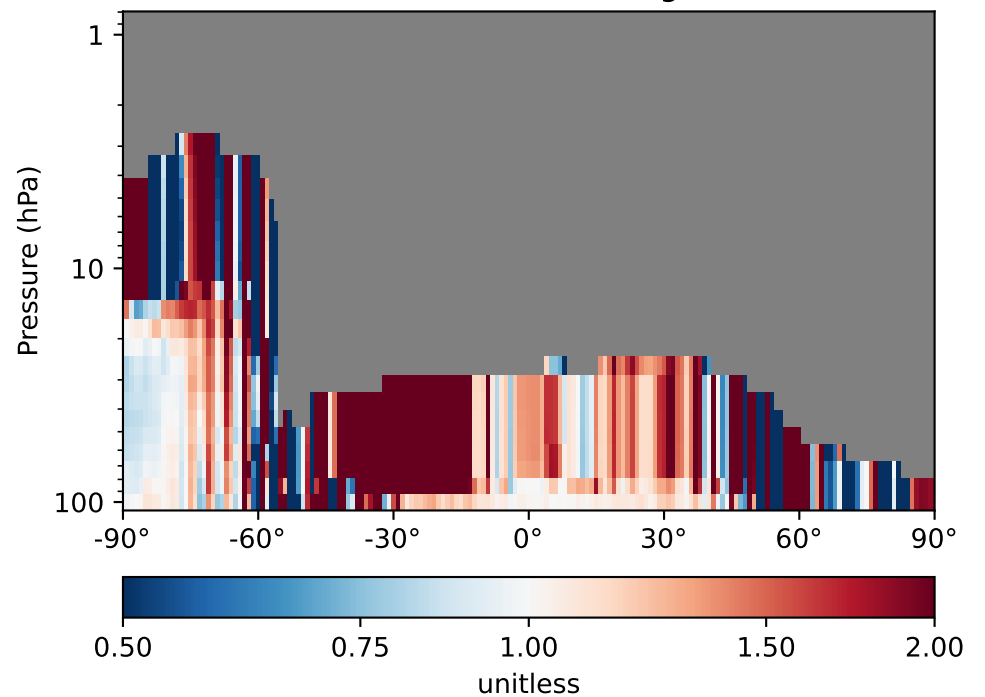
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

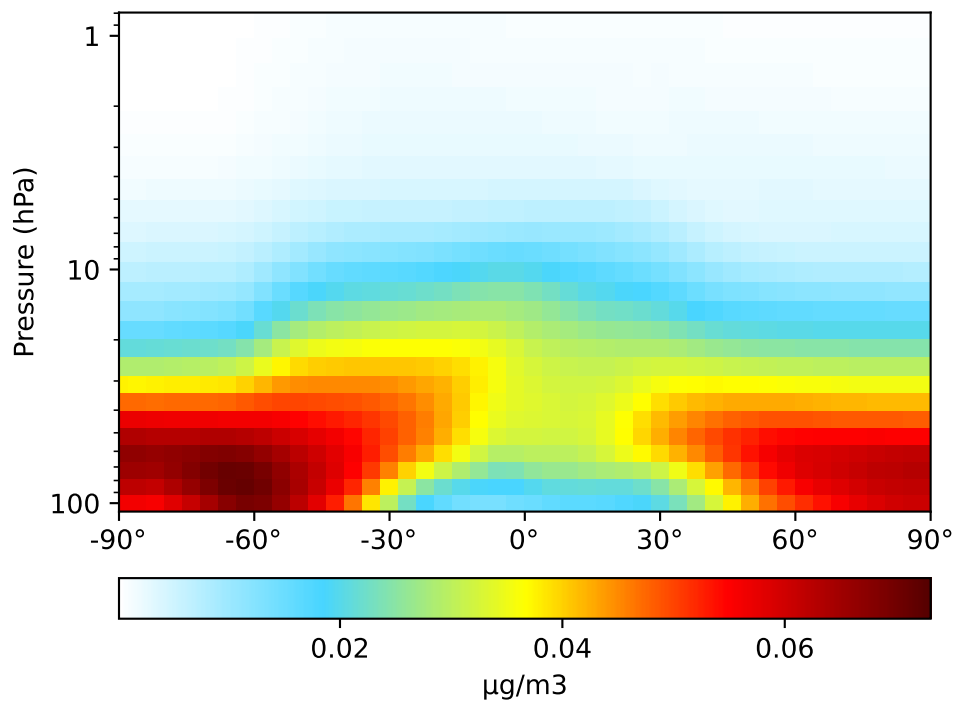


Ratio (1x1.25)
Dev/Ref, Fixed Range

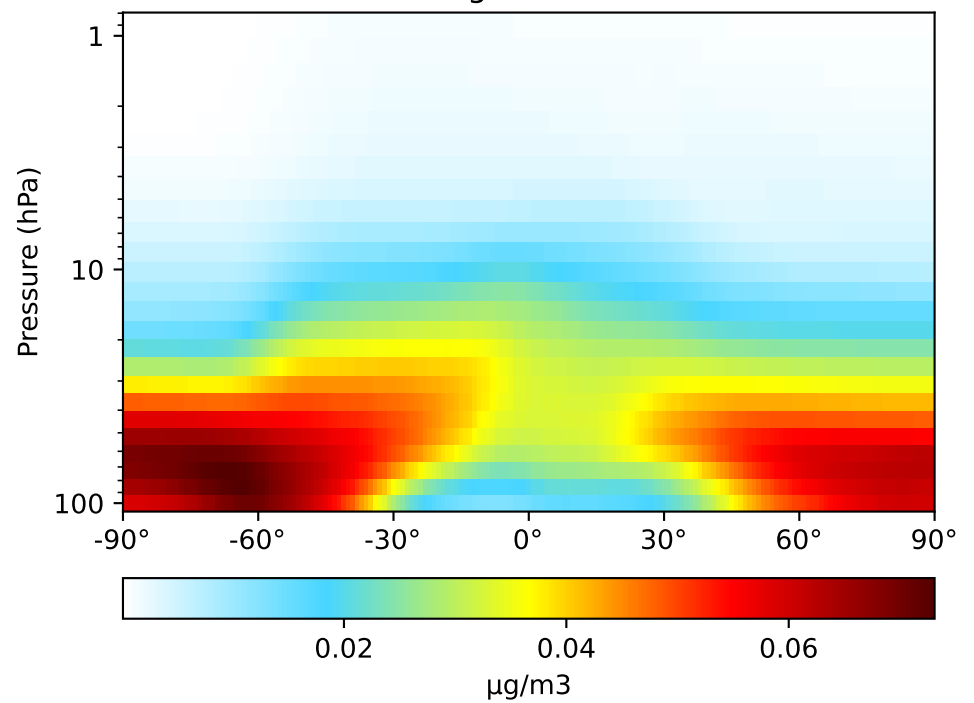


SpeciesConcVV_SO4, Zonal Mean

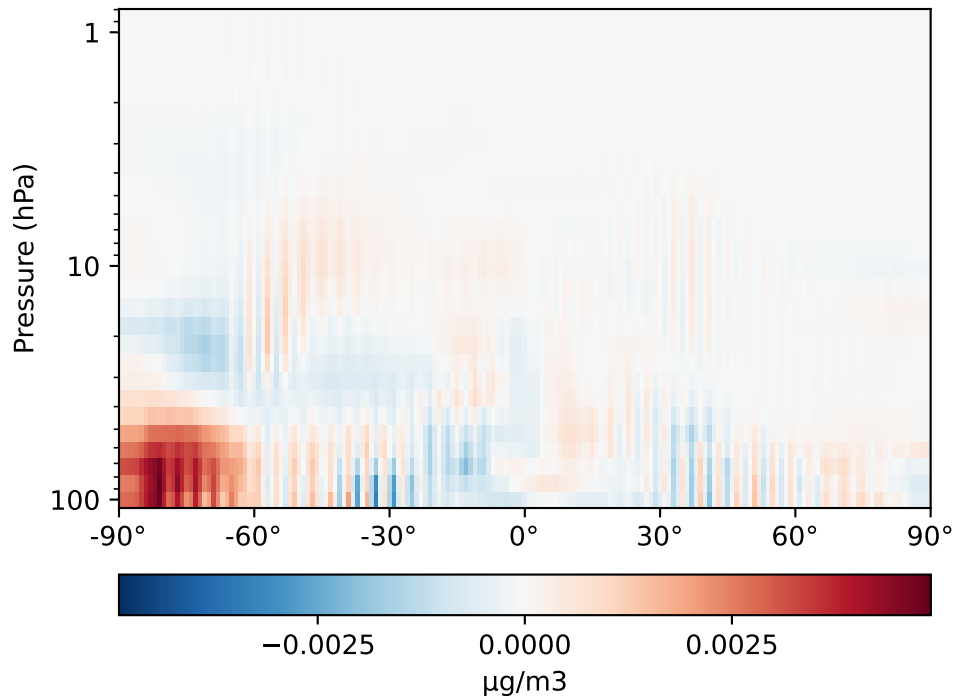
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



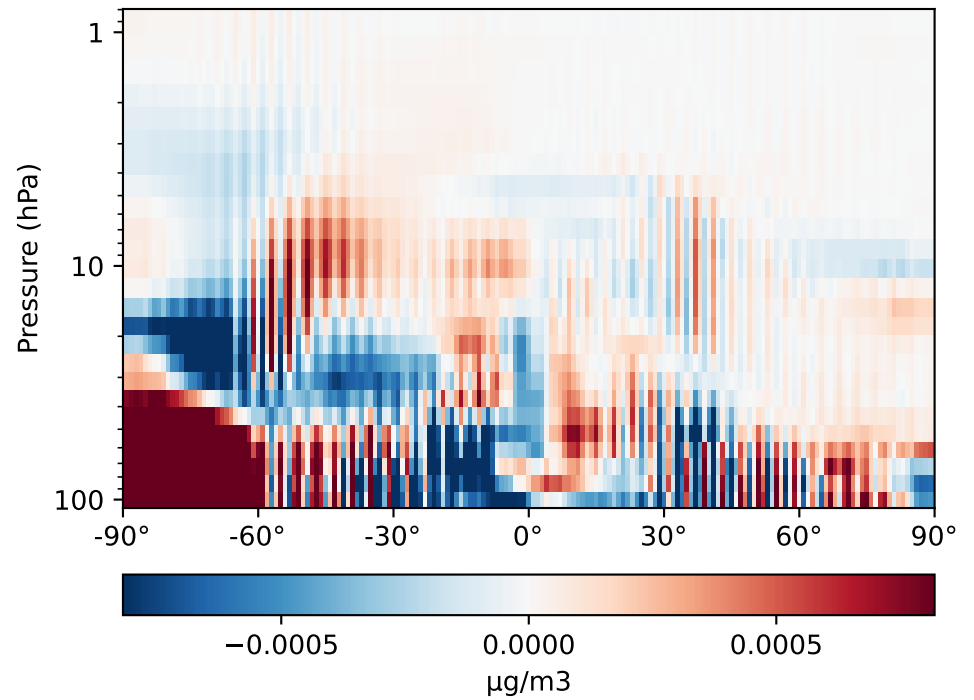
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



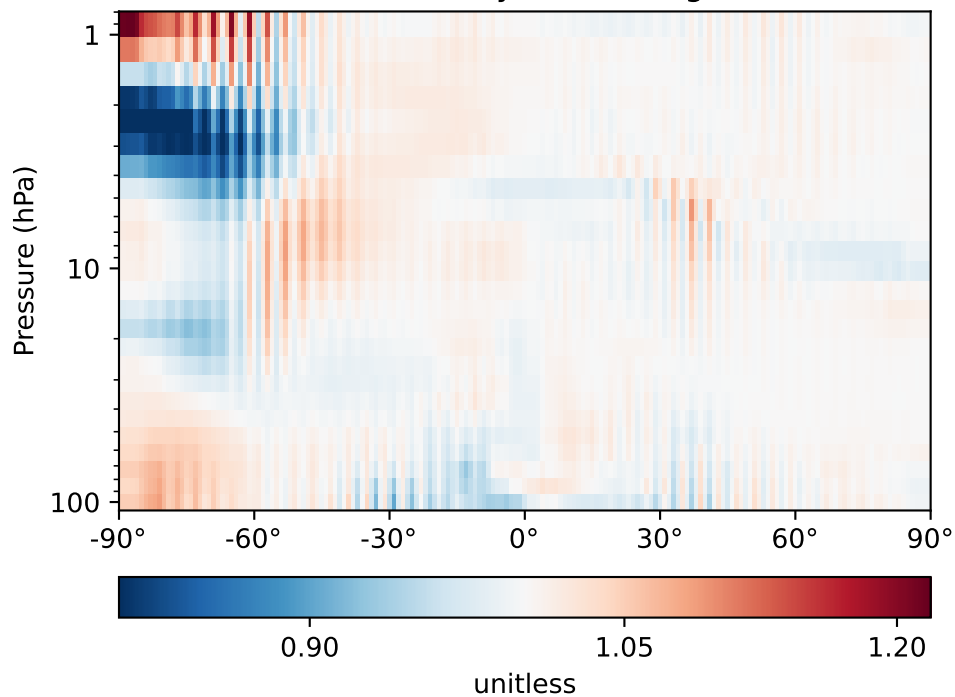
Difference (1x1.25)
Dev - Ref, Dynamic Range



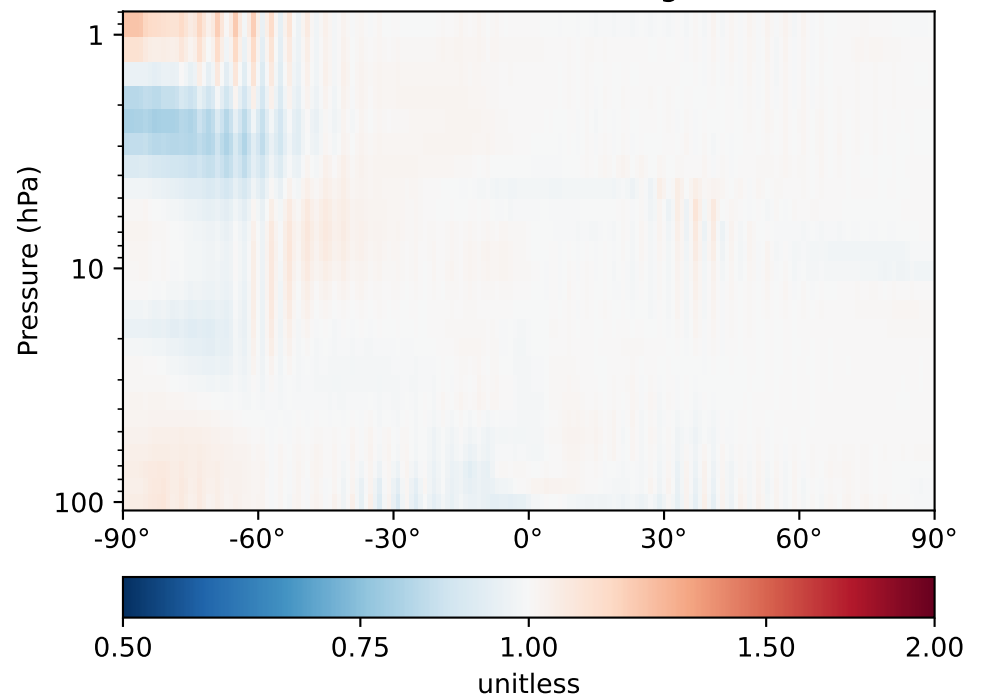
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

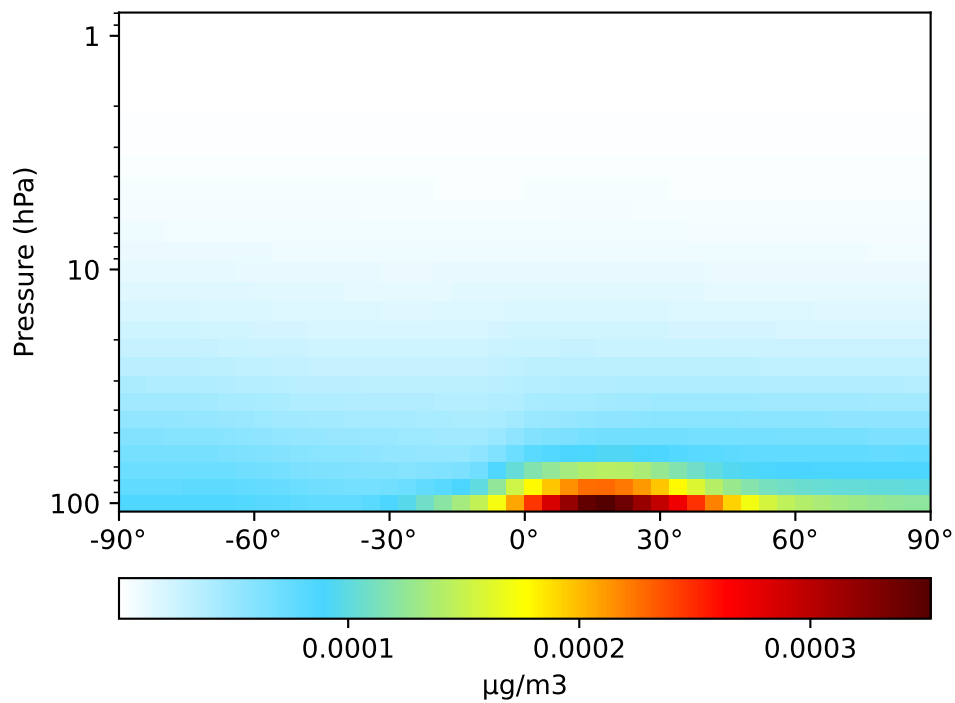


Ratio (1x1.25)
Dev/Ref, Fixed Range

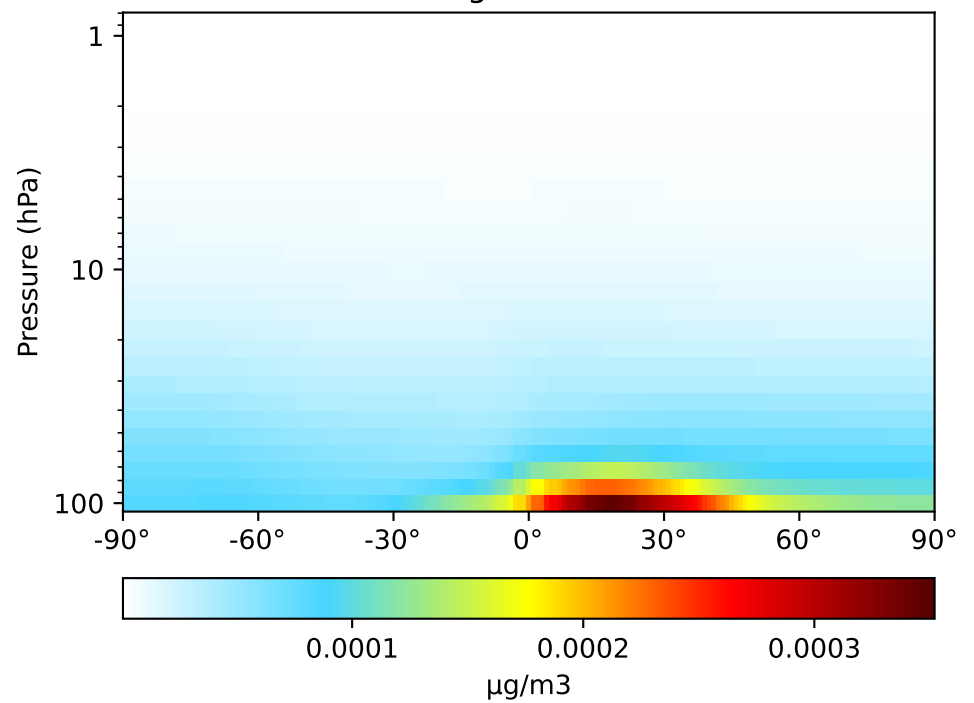


SpeciesConcVV_HMS, Zonal Mean

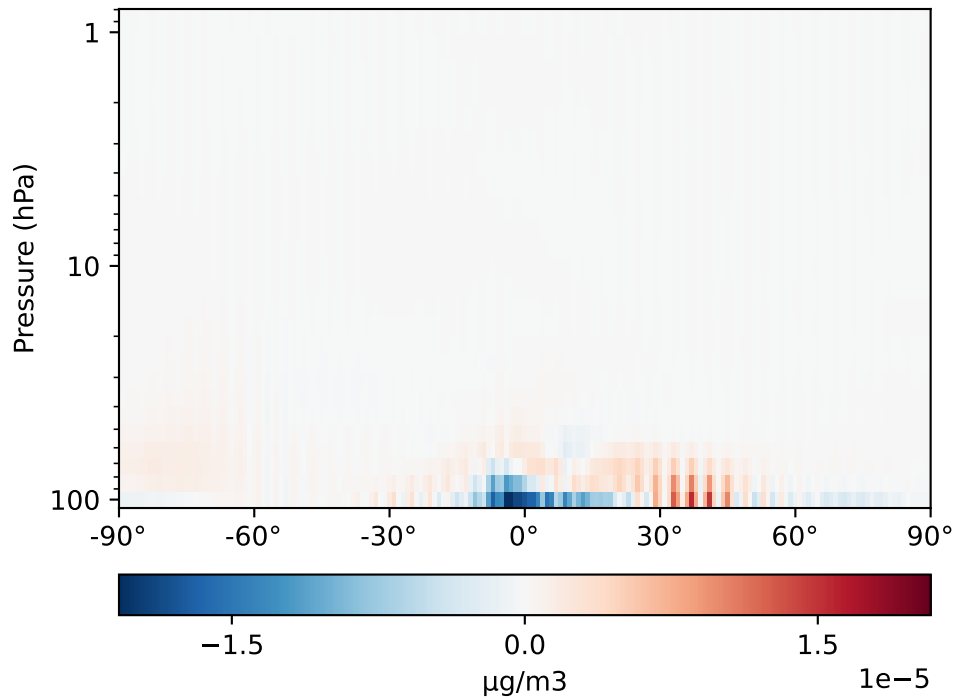
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



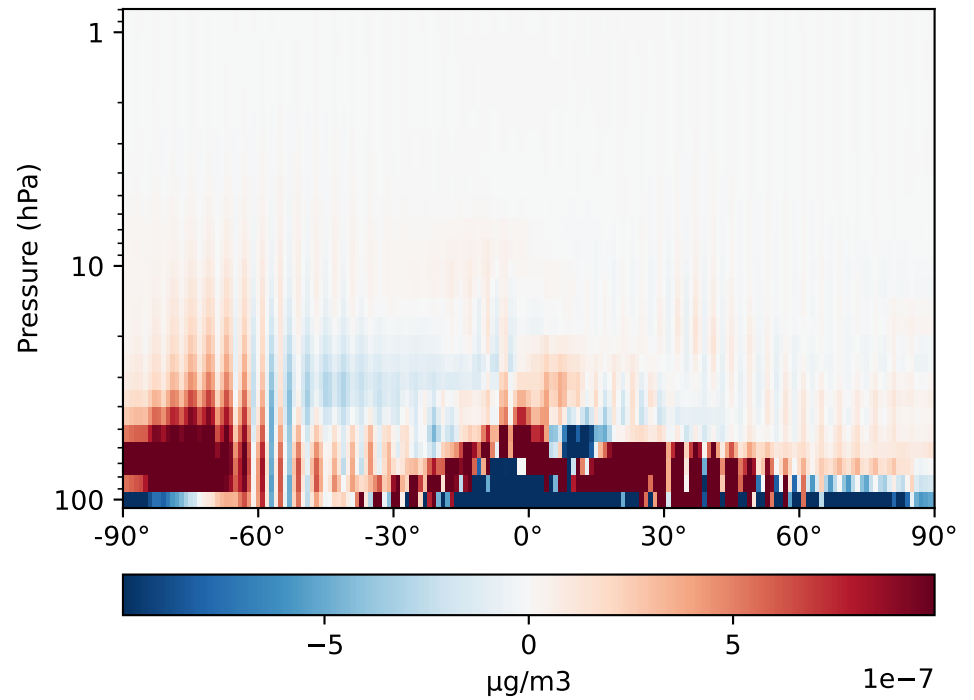
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



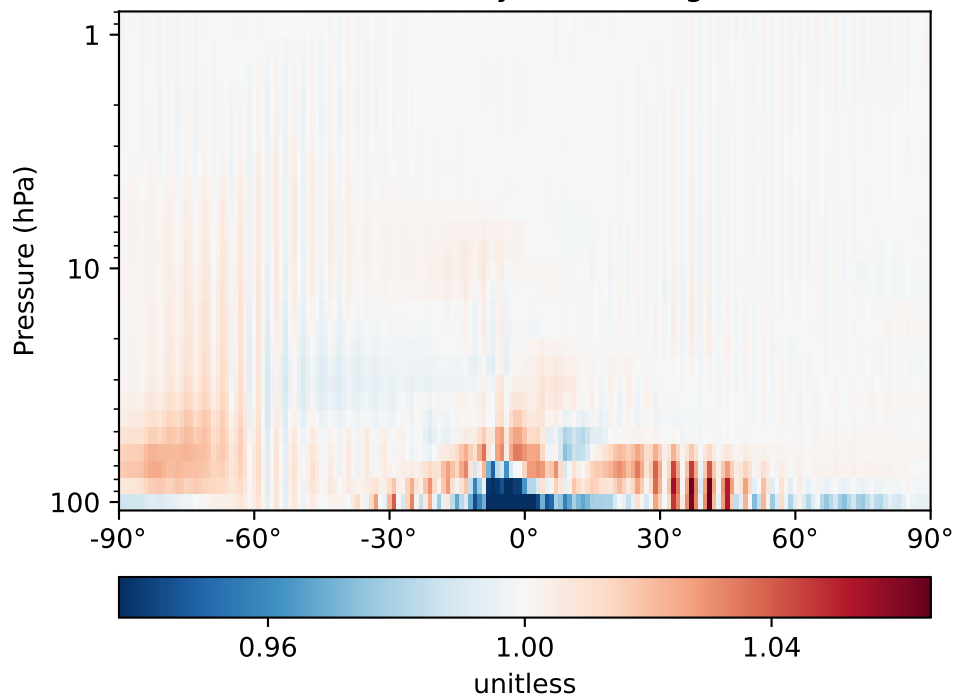
Difference (1x1.25)
Dev - Ref, Dynamic Range



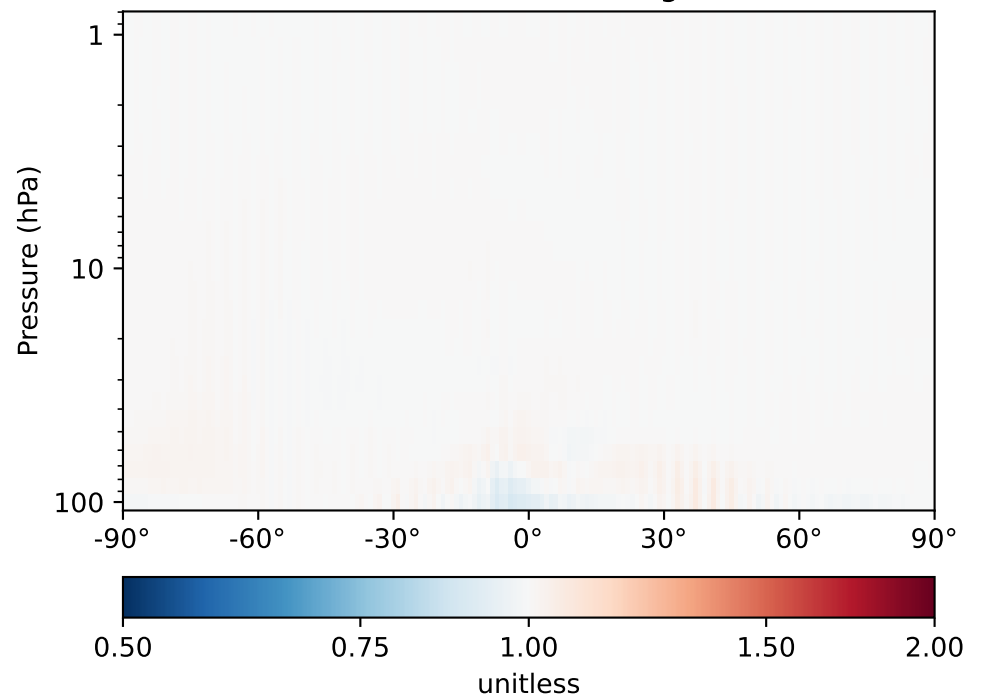
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

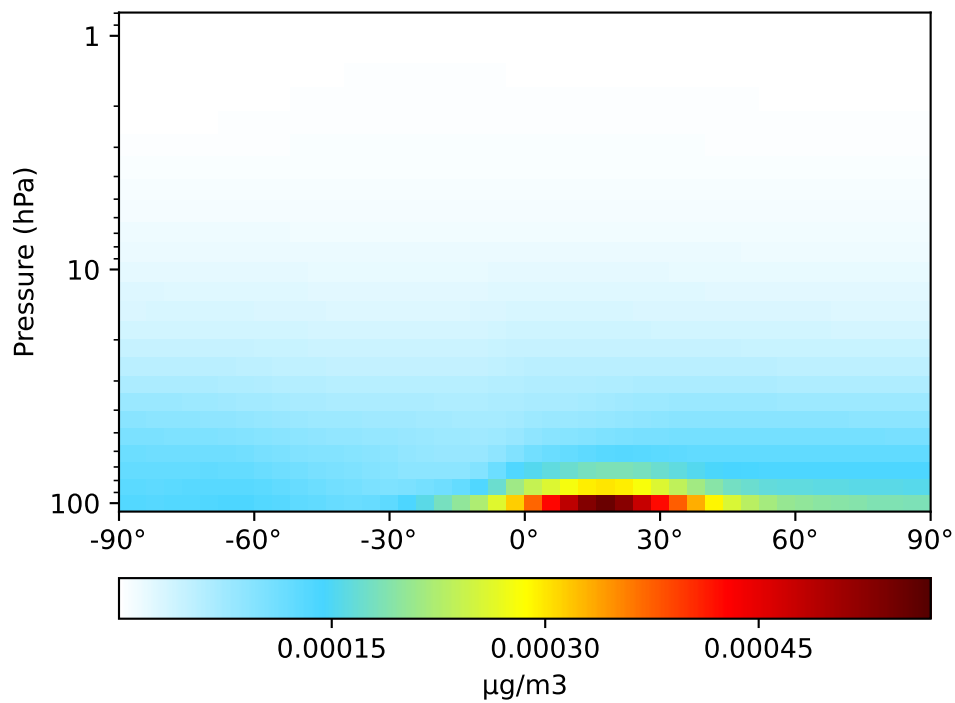


Ratio (1x1.25)
Dev/Ref, Fixed Range

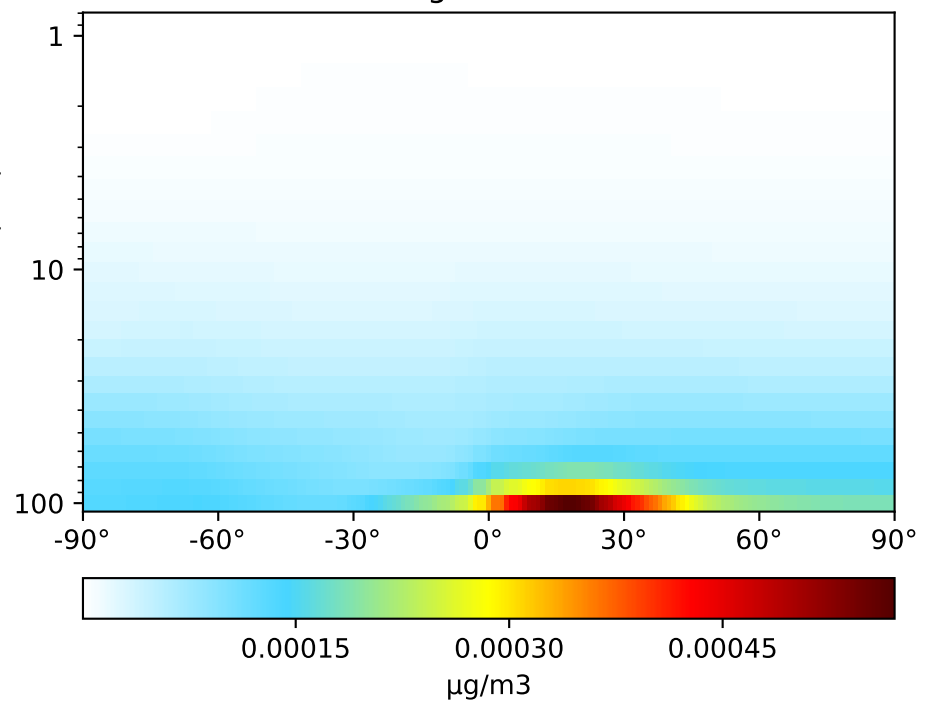


SpeciesConcVV_BCPI, Zonal Mean

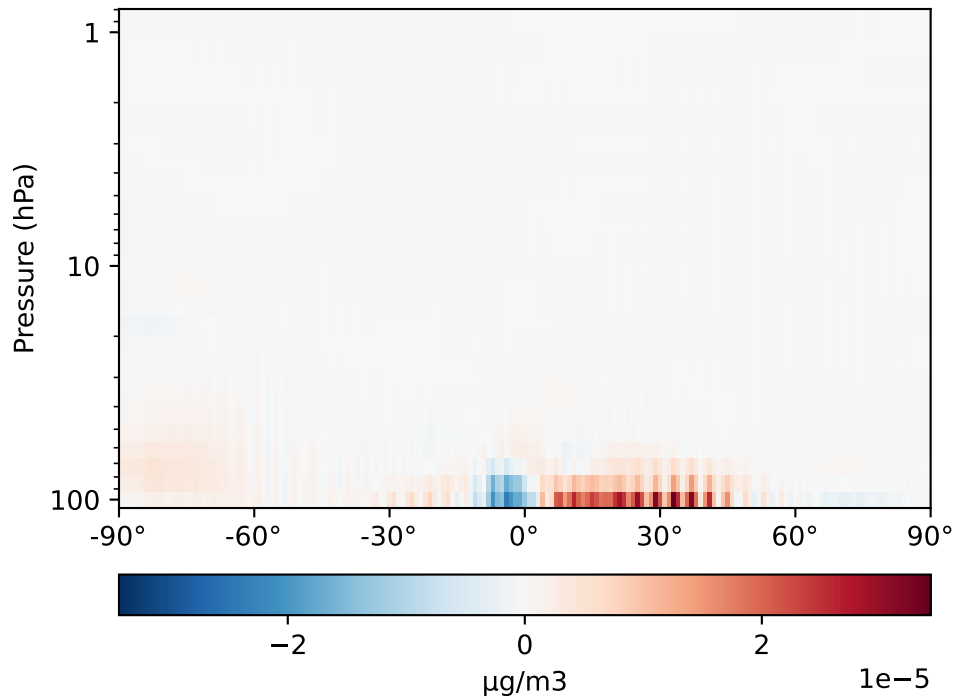
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



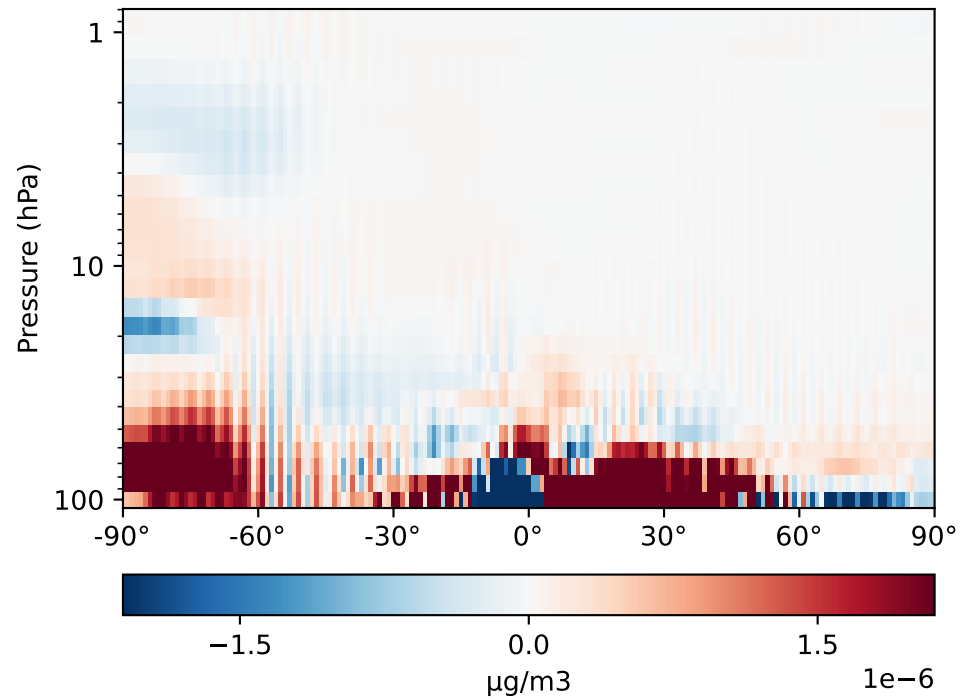
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



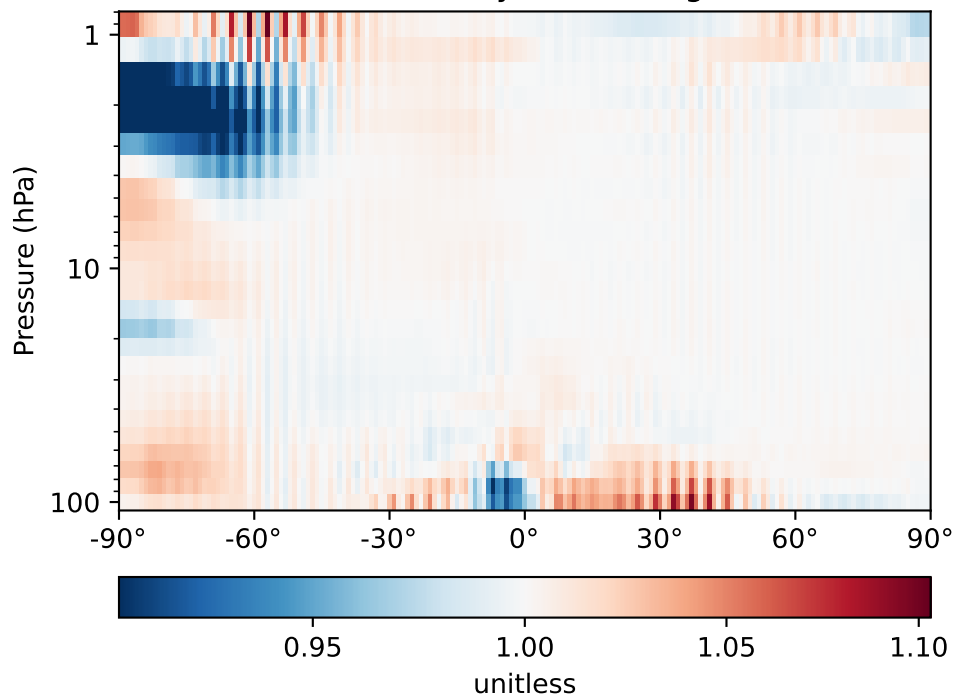
Difference (1x1.25)
Dev - Ref, Dynamic Range



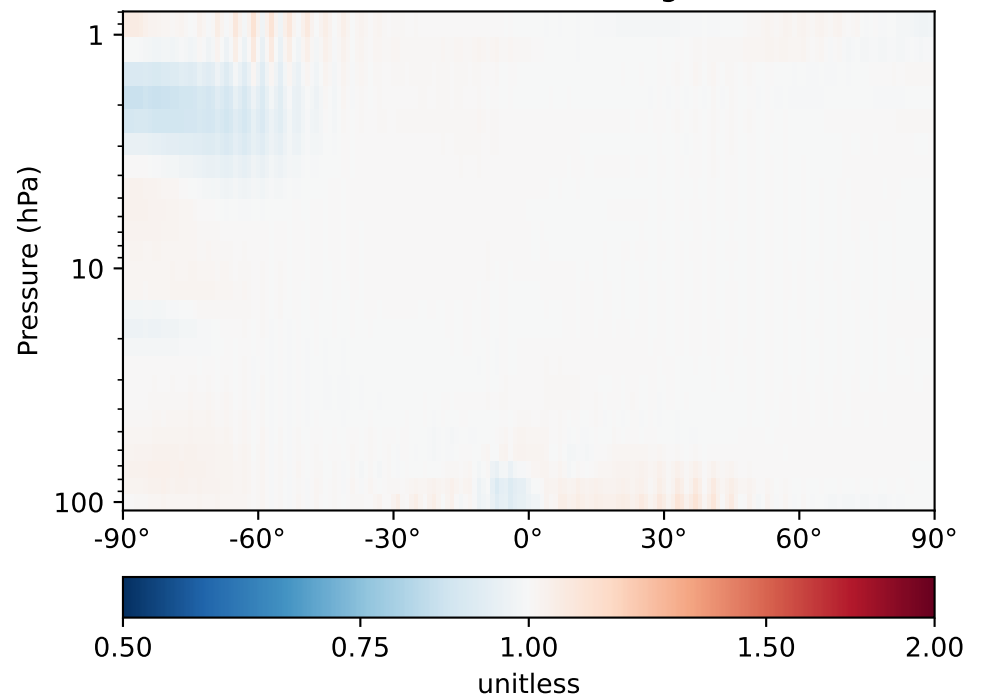
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

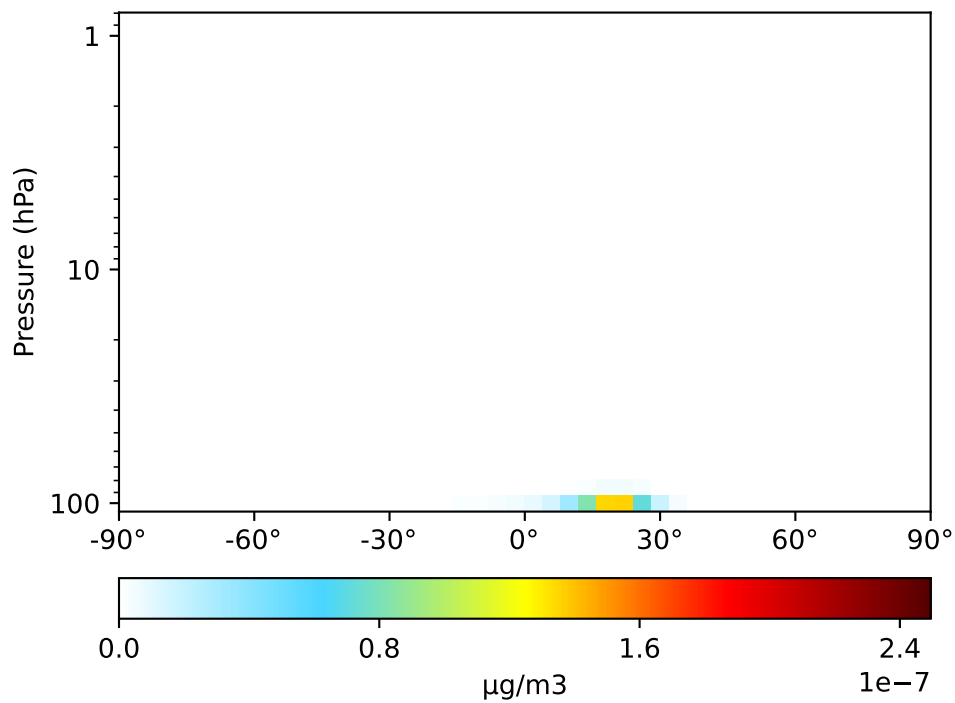


Ratio (1x1.25)
Dev/Ref, Fixed Range

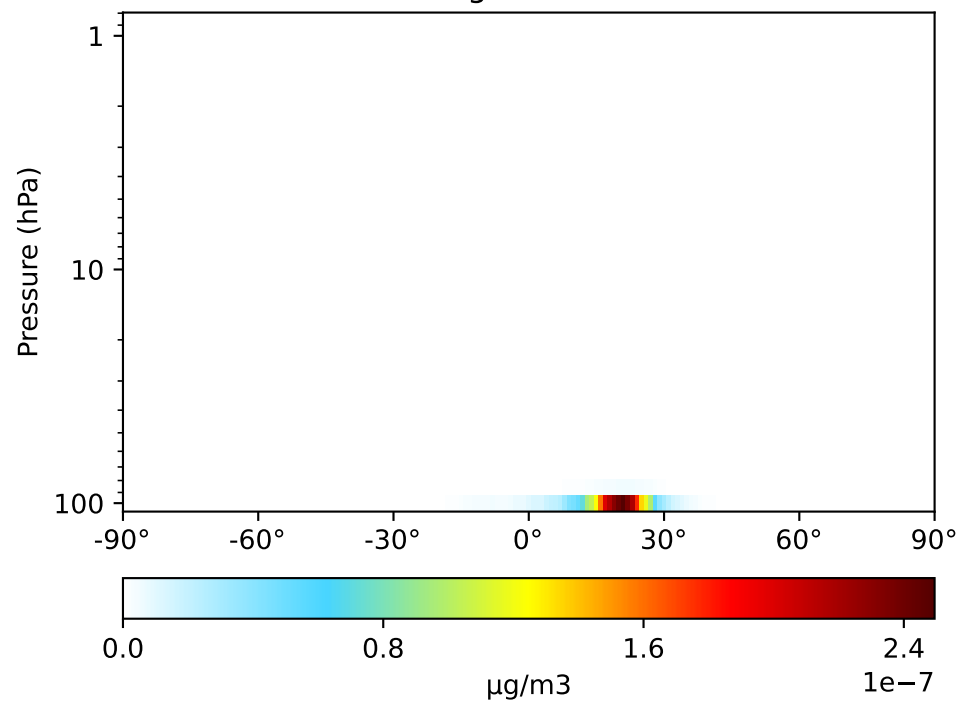


SpeciesConcVV_BCPO, Zonal Mean

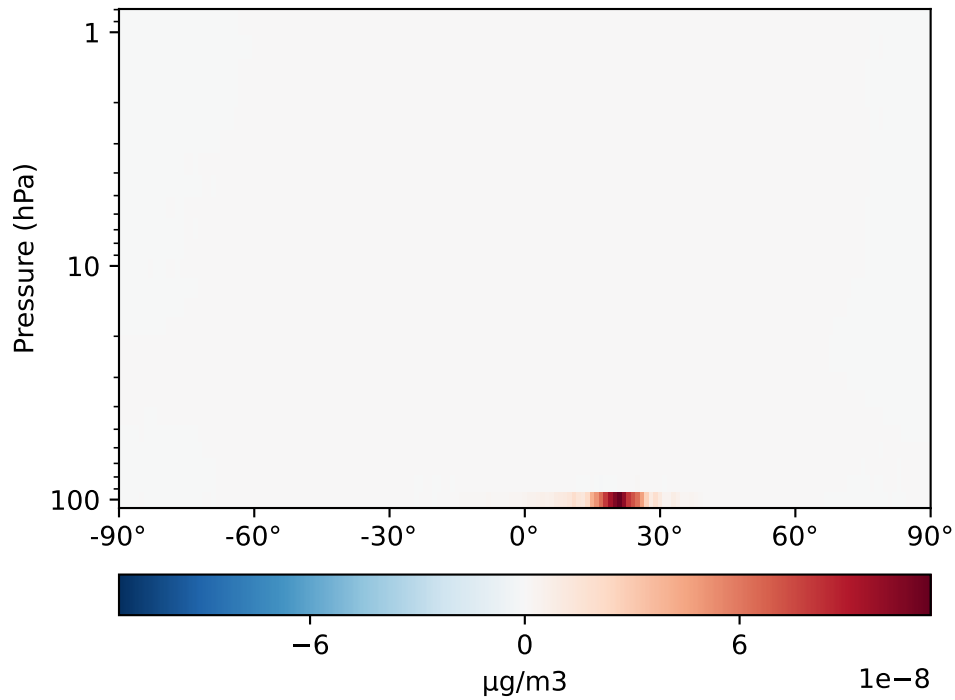
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



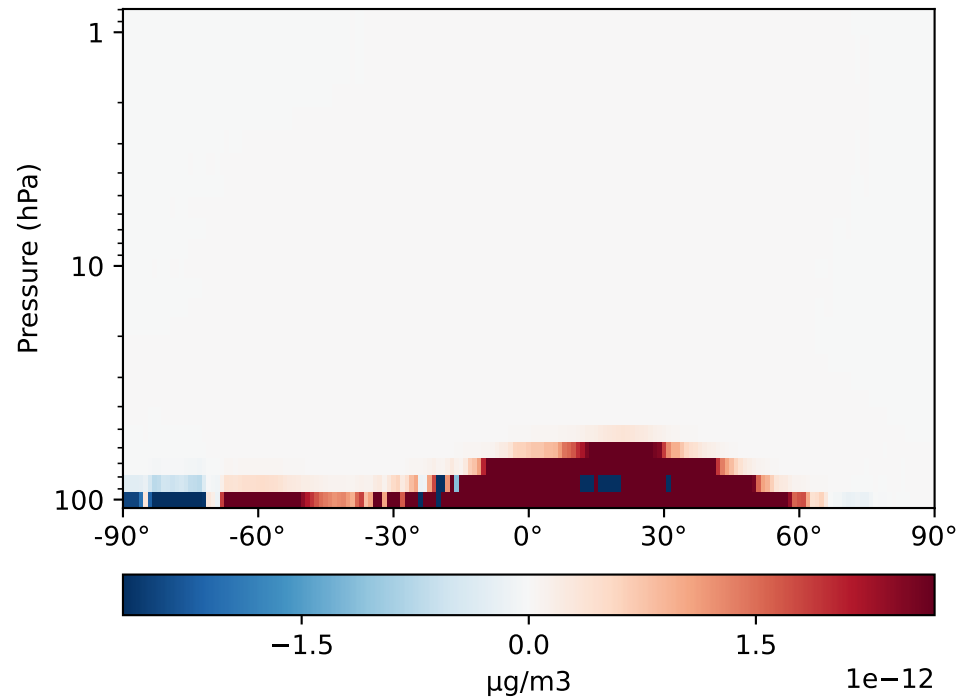
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



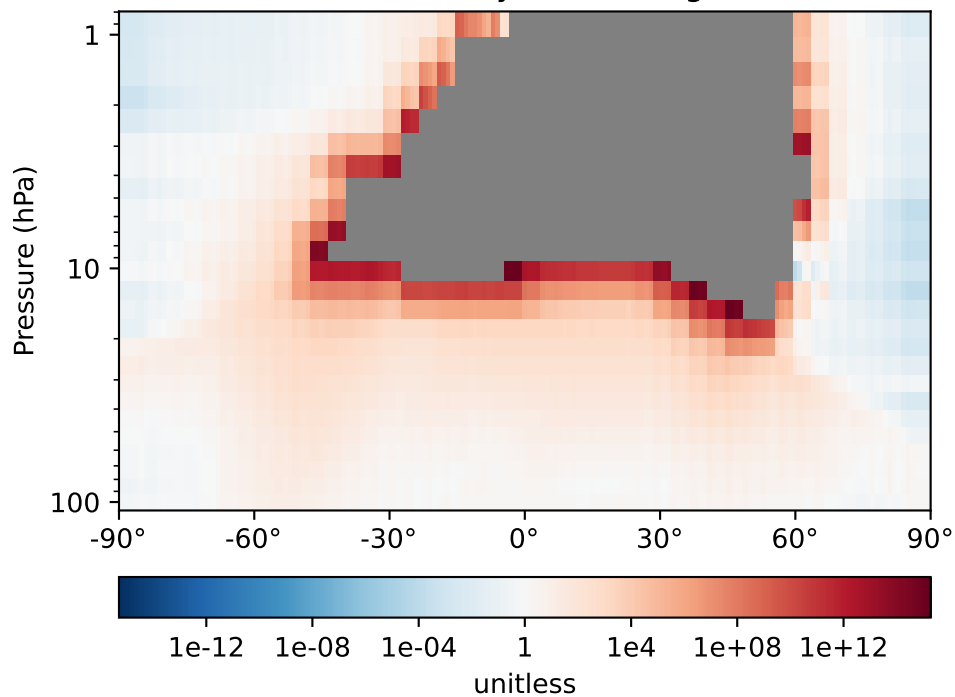
Difference (1x1.25)
Dev - Ref, Dynamic Range



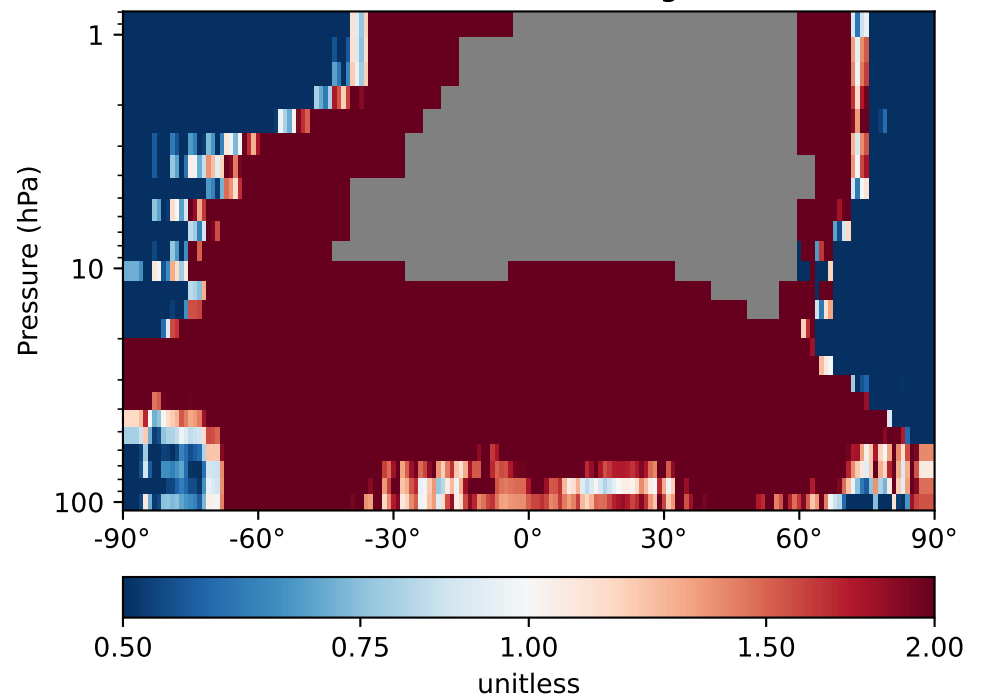
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

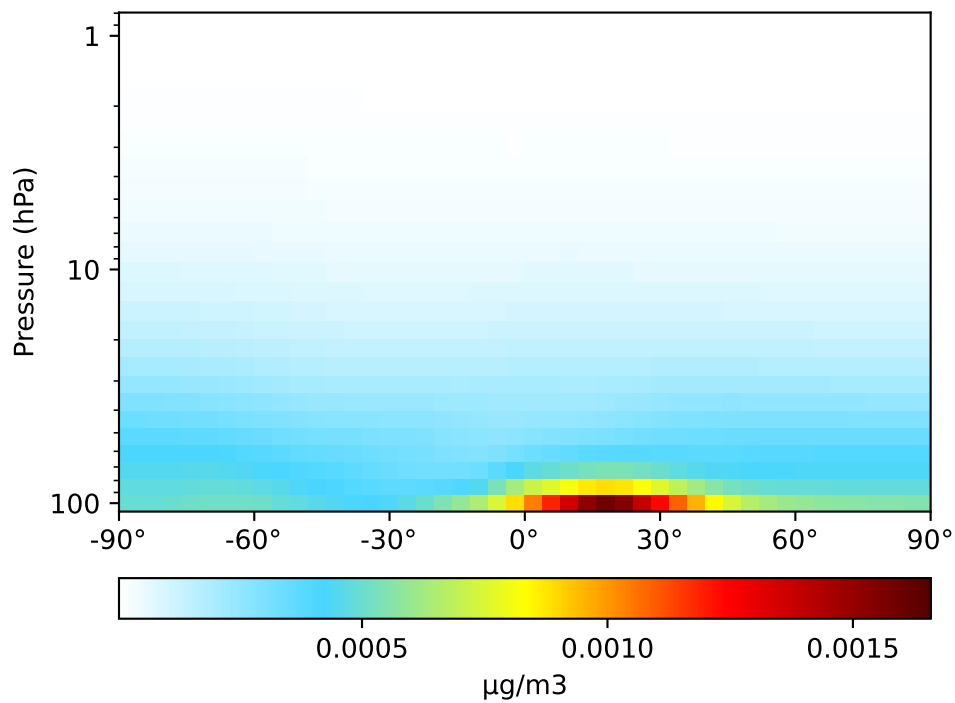


Ratio (1x1.25)
Dev/Ref, Fixed Range

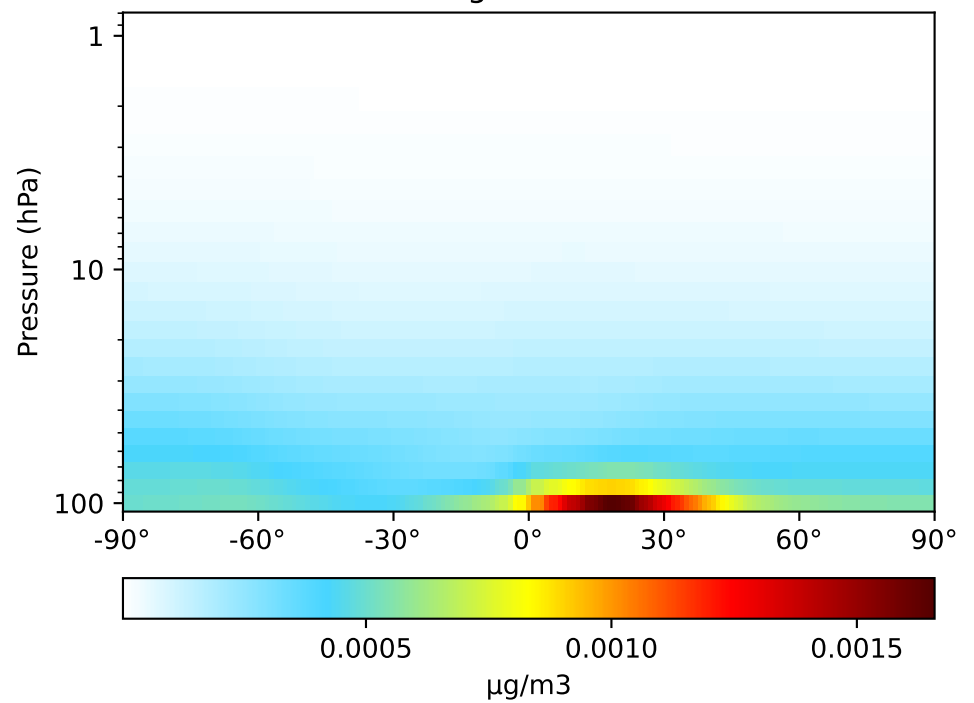


SpeciesConcVV_OCPI, Zonal Mean

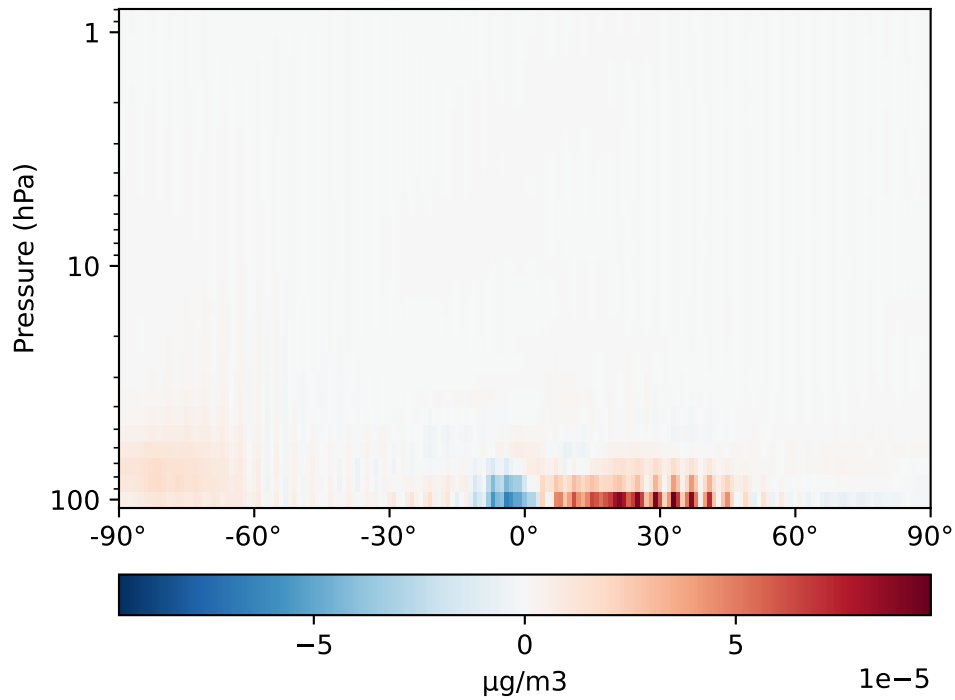
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



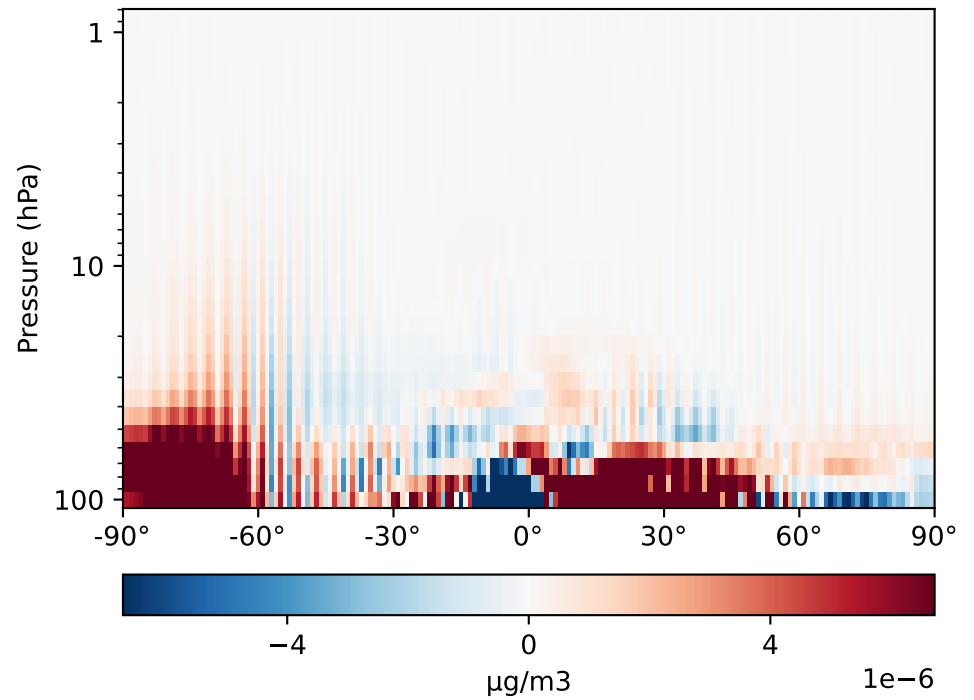
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



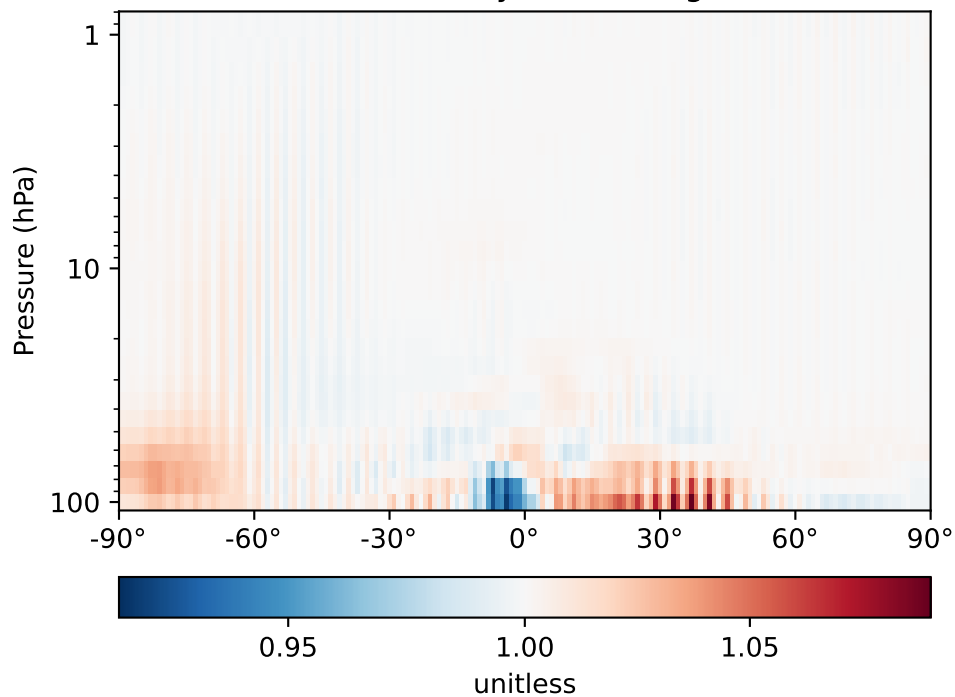
Difference (1x1.25)
Dev - Ref, Dynamic Range



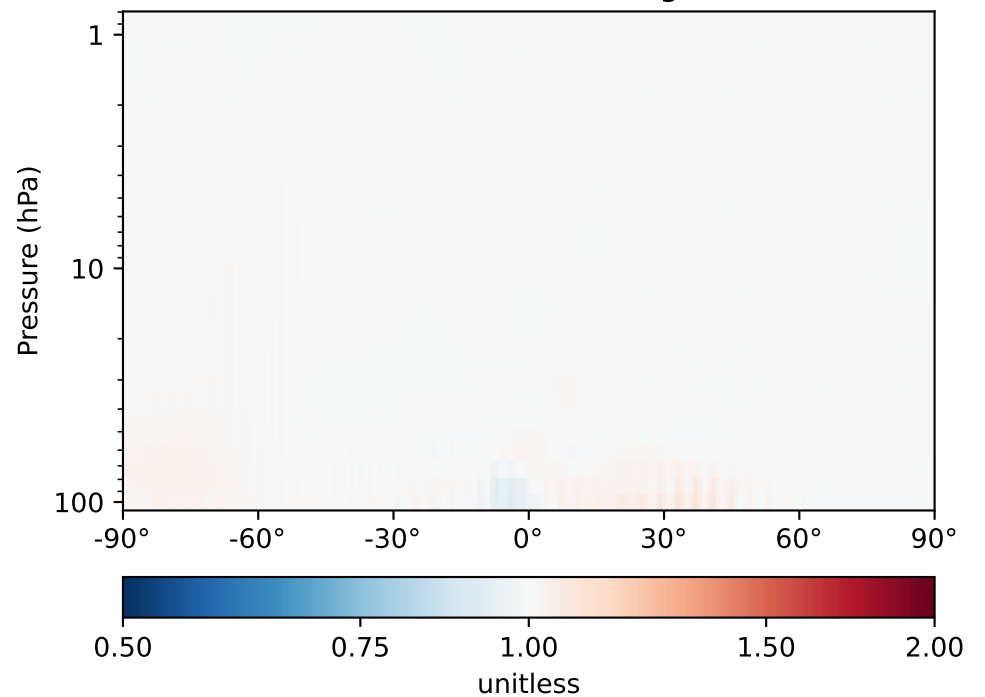
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

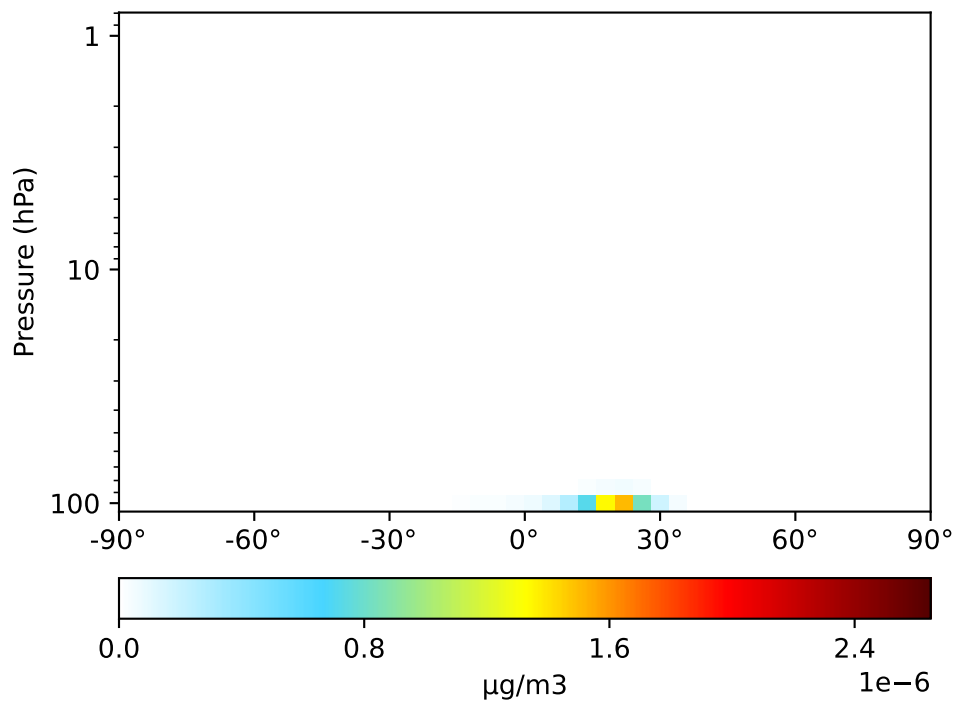


Ratio (1x1.25)
Dev/Ref, Fixed Range

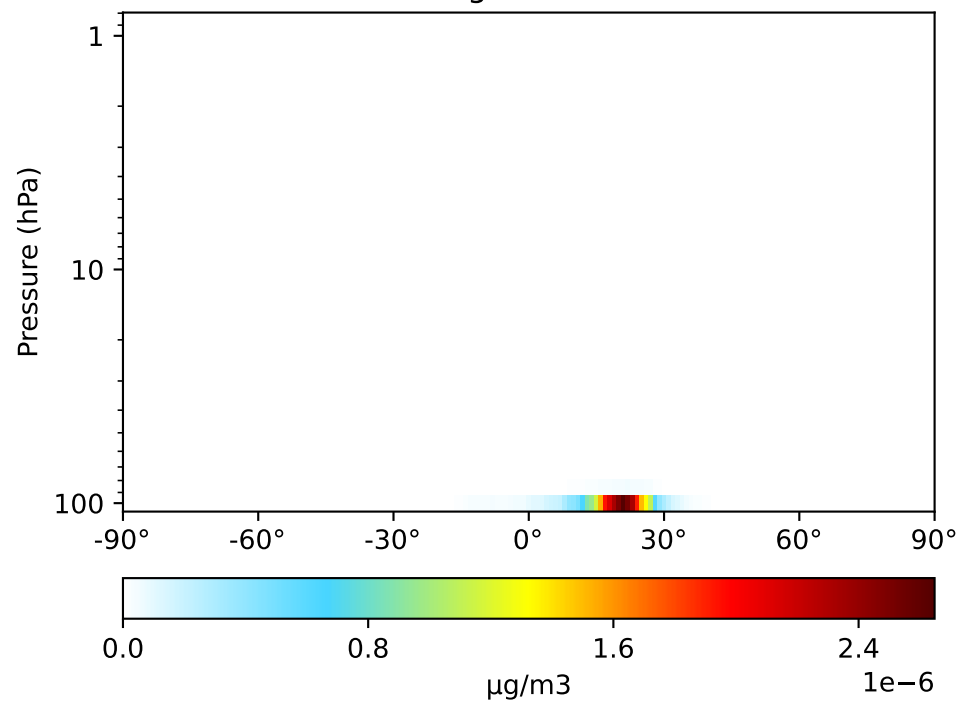


SpeciesConcVV_OCPO, Zonal Mean

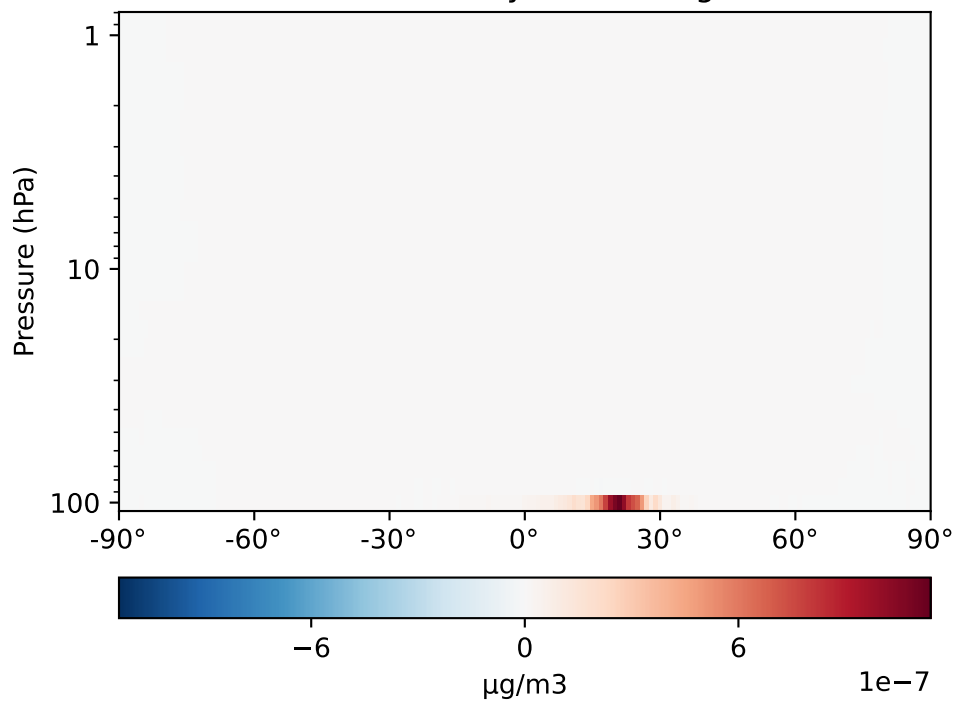
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



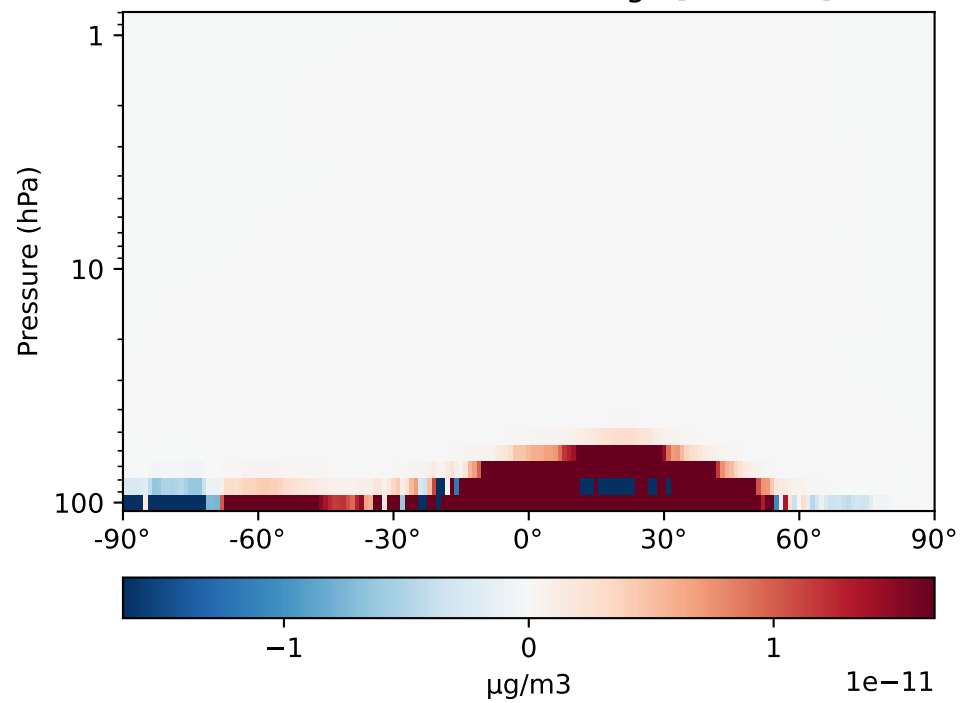
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



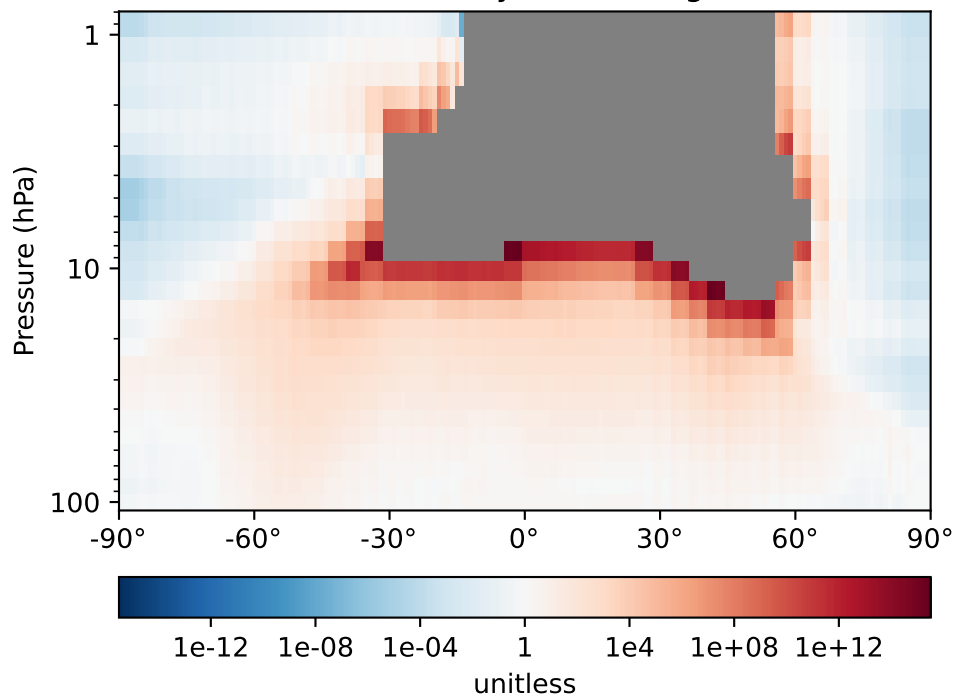
Difference (1x1.25)
Dev - Ref, Dynamic Range



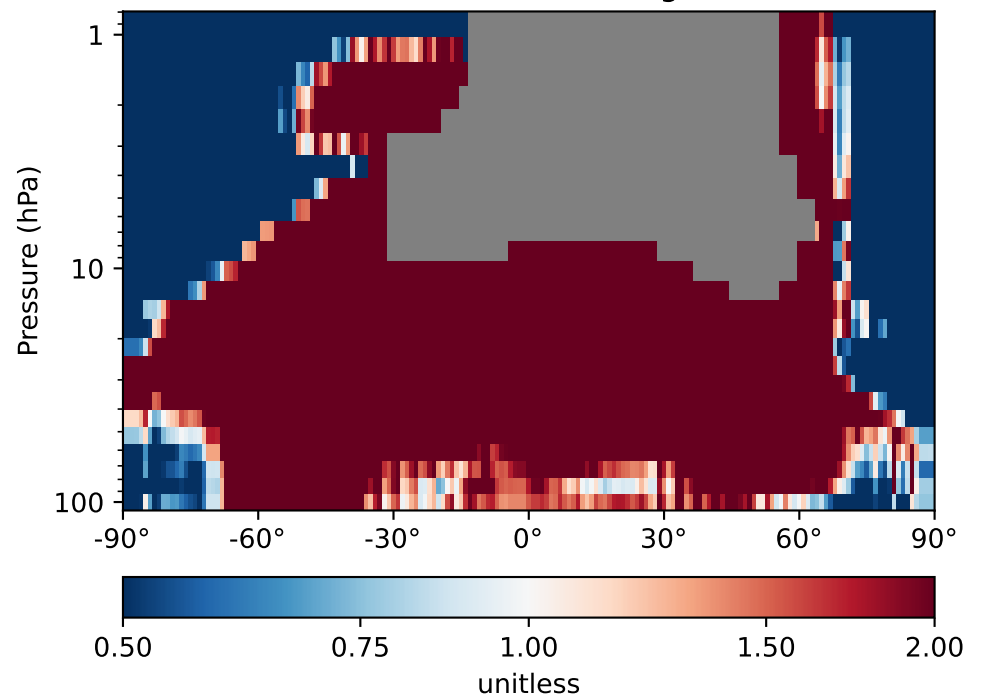
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

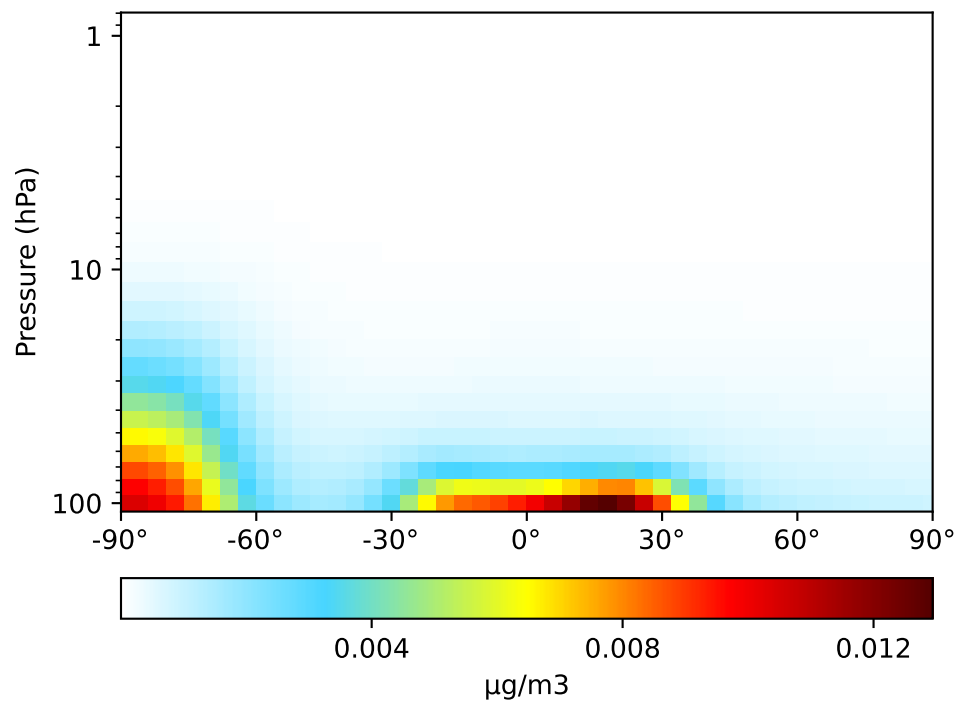


Ratio (1x1.25)
Dev/Ref, Fixed Range

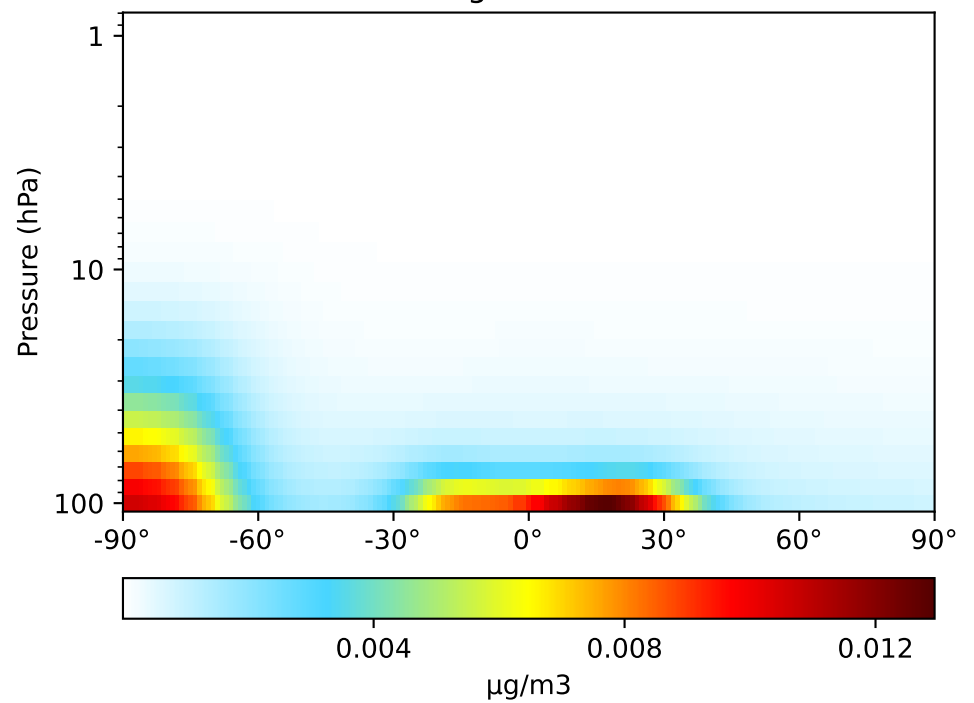


SpeciesConcVV_Complex_SOA, Zonal Mean

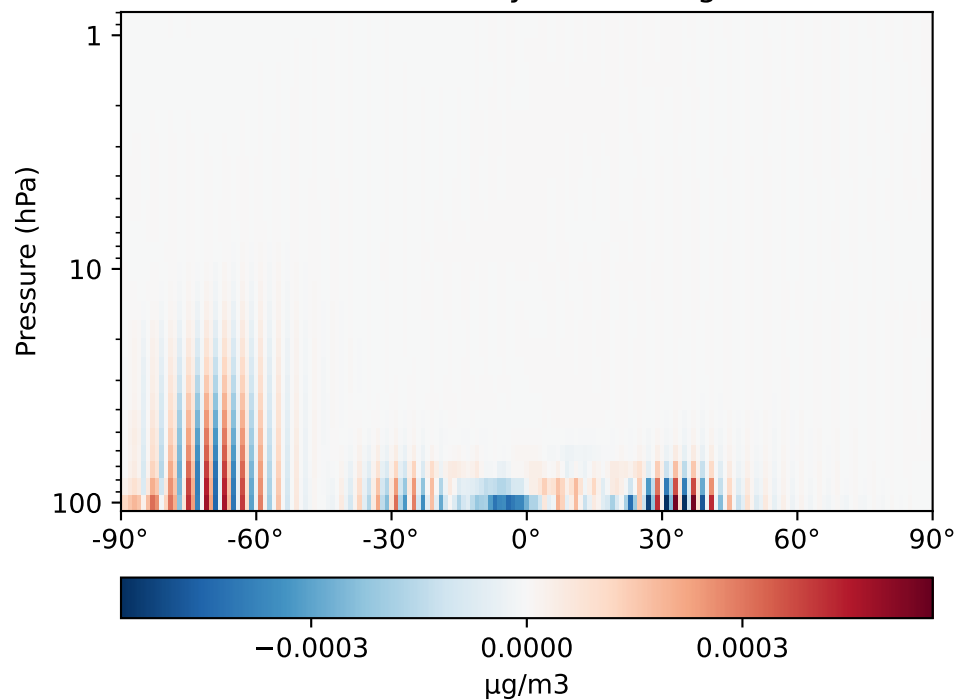
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



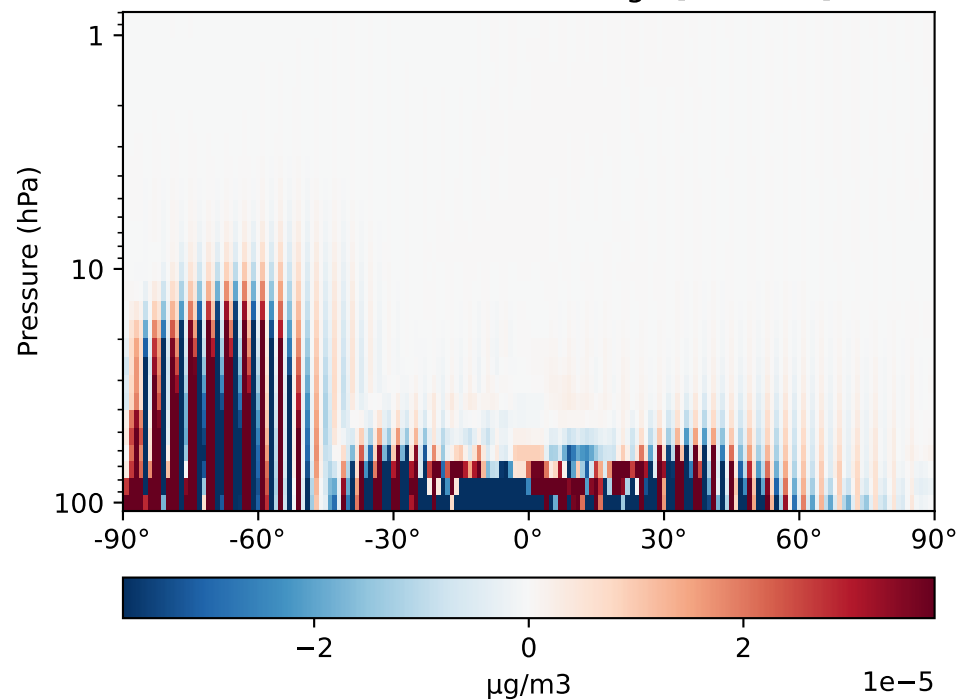
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regridged from c24



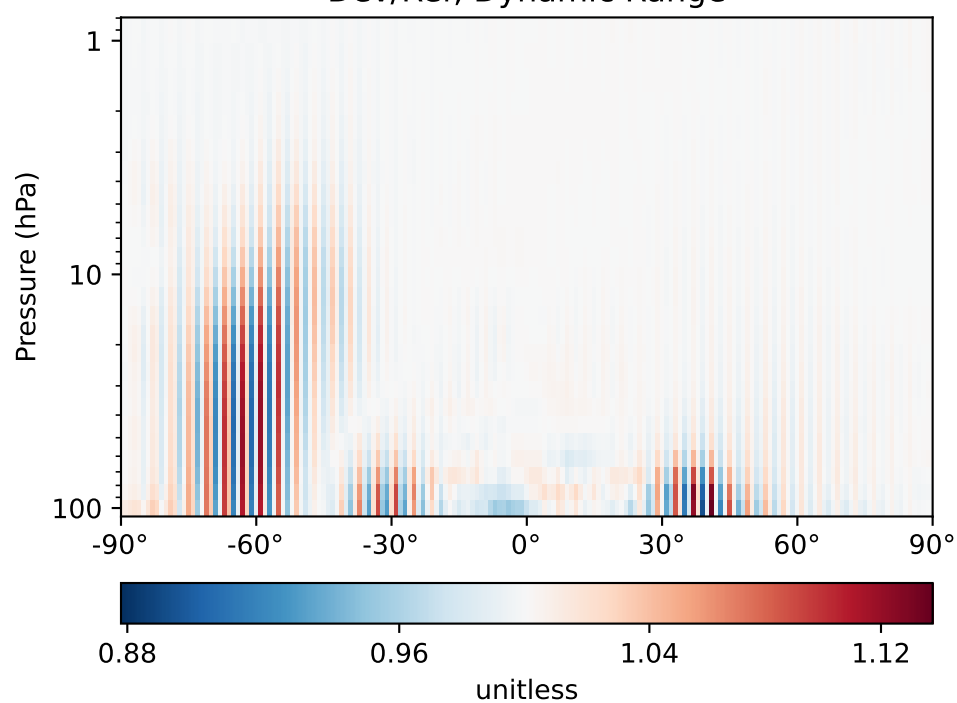
Difference (1x1.25)
Dev - Ref, Dynamic Range



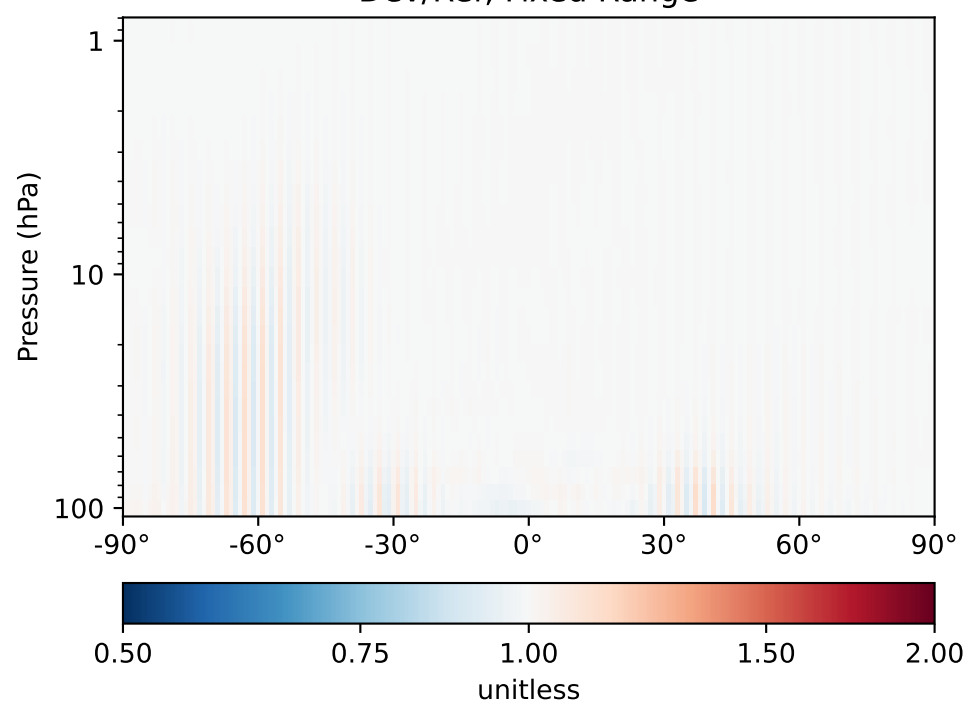
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

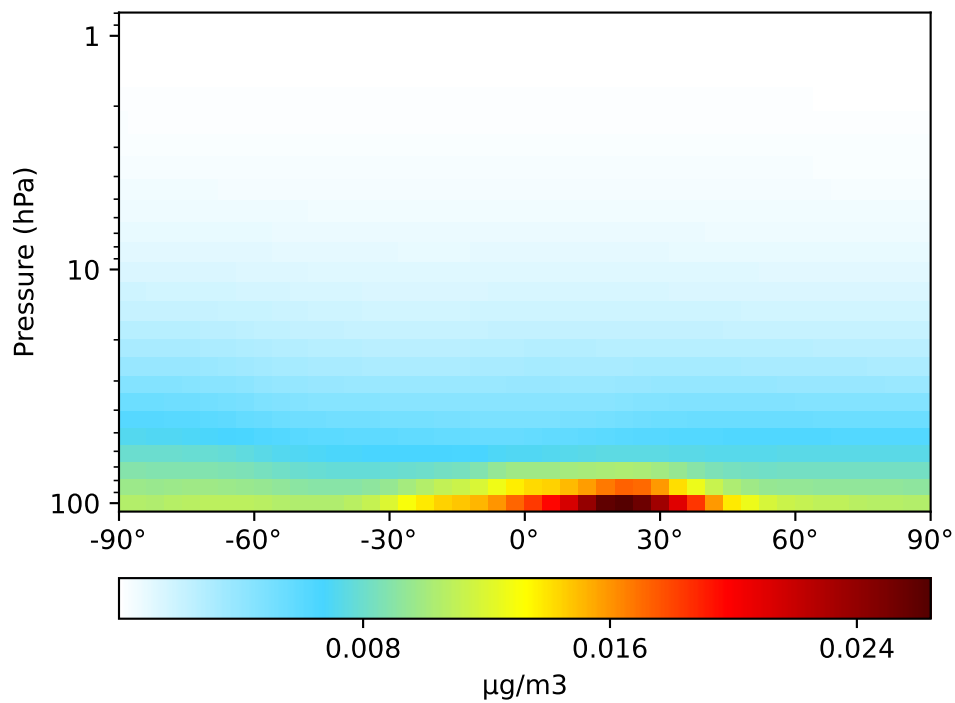


Ratio (1x1.25)
Dev/Ref, Fixed Range

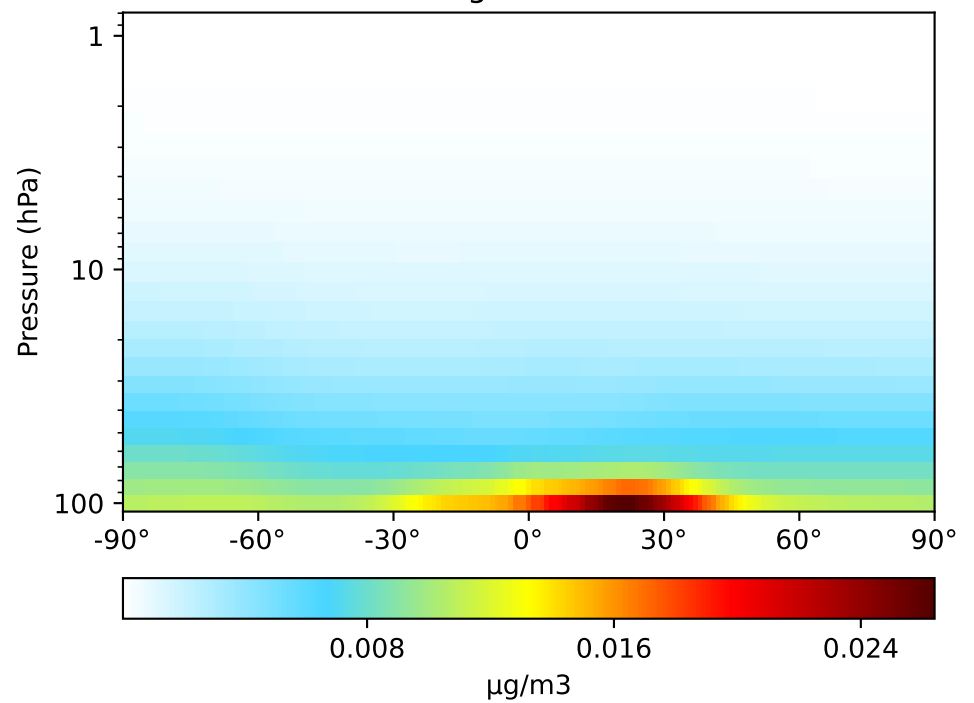


SpeciesConcVV_Simple_SOA, Zonal Mean

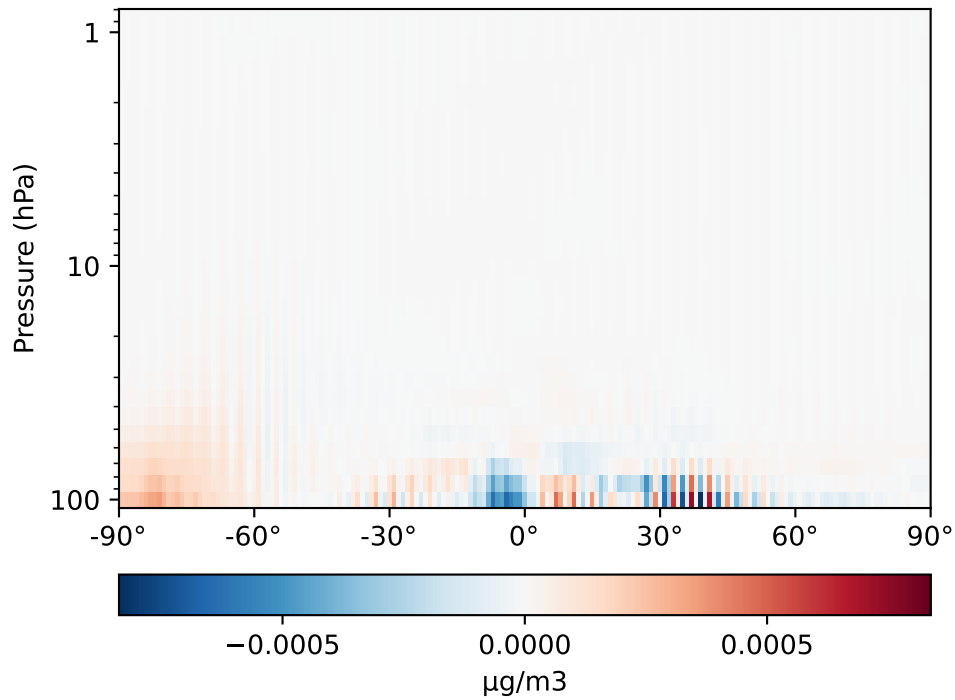
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



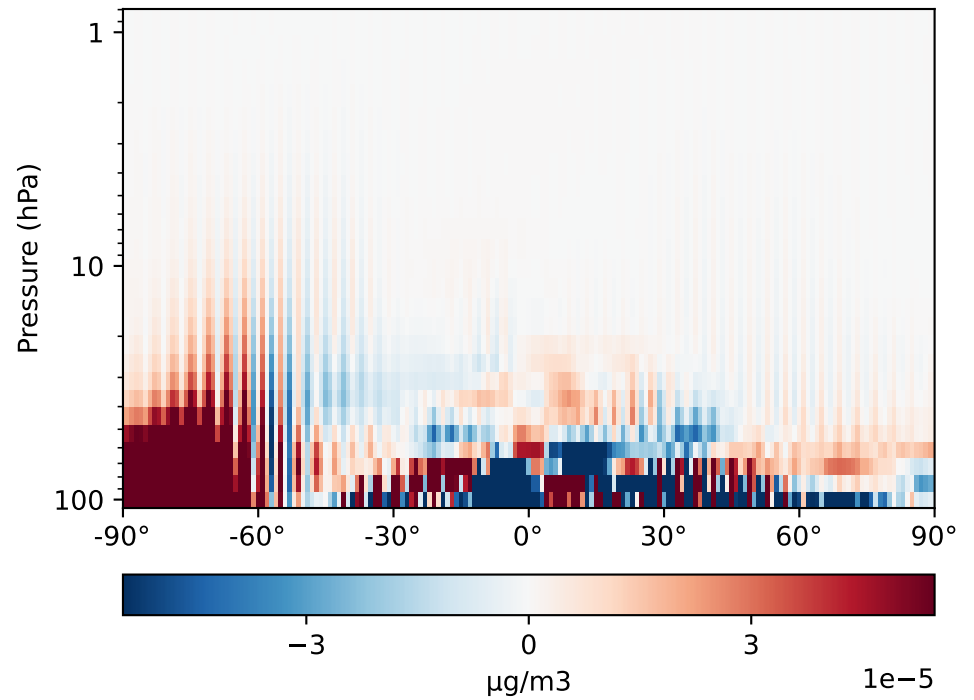
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



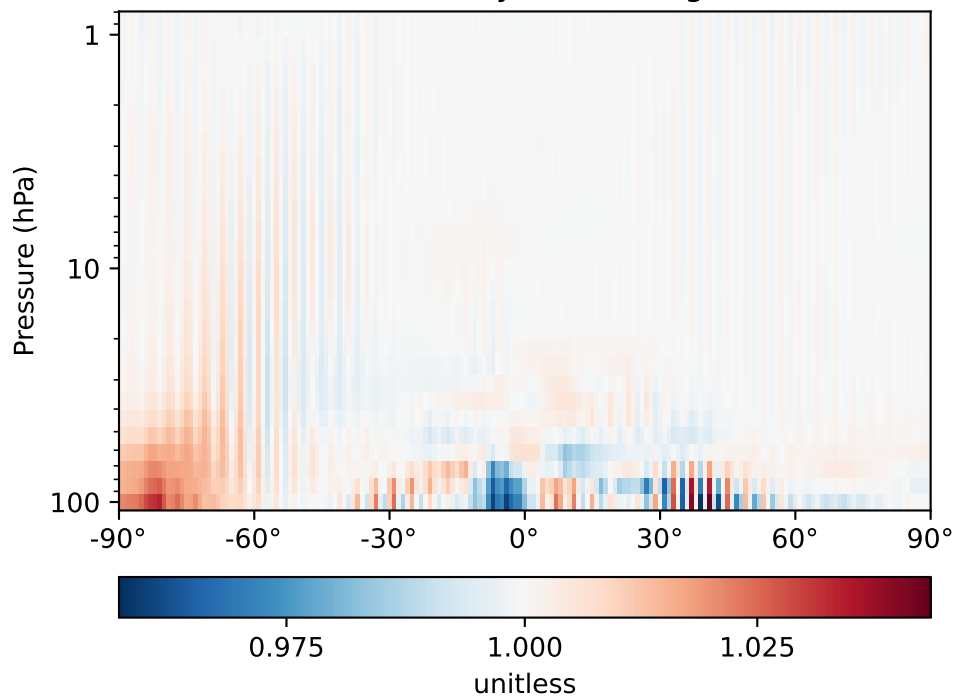
Difference (1x1.25)
Dev - Ref, Dynamic Range



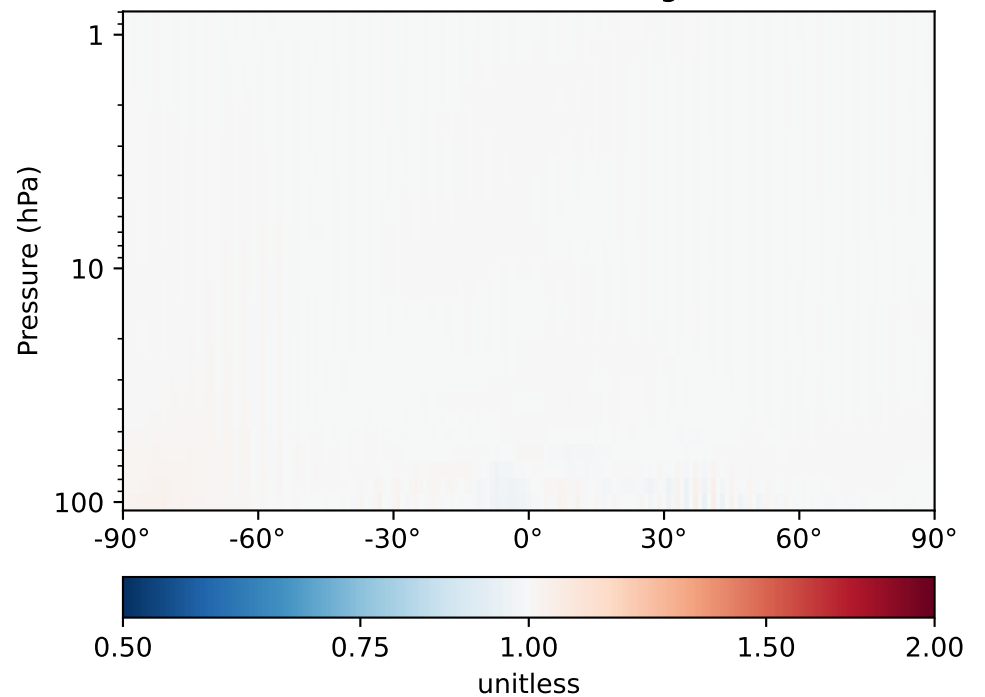
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

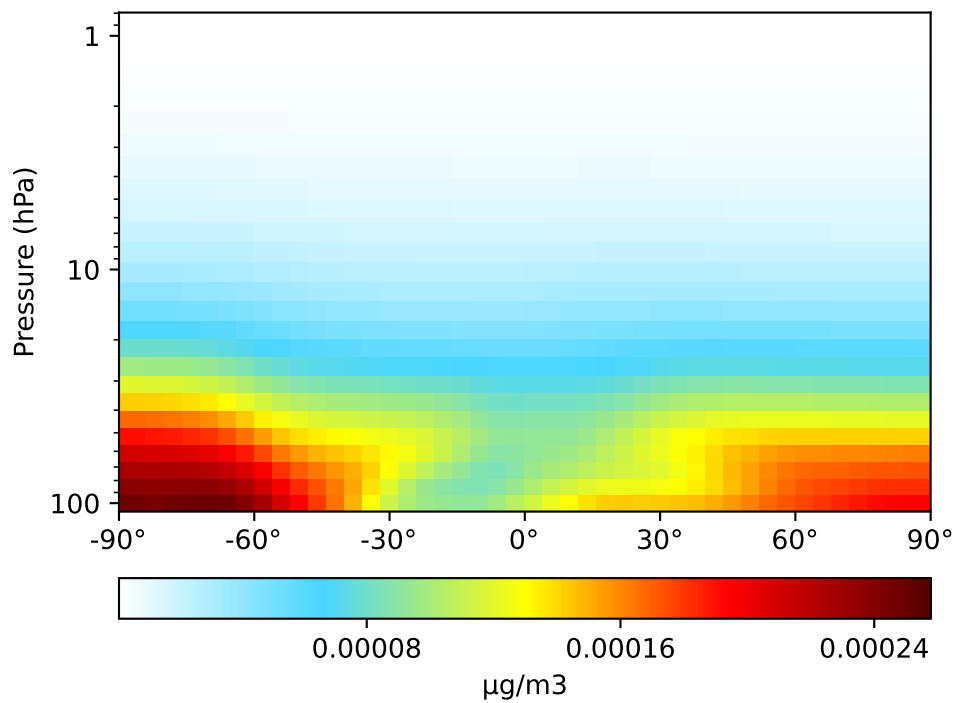


Ratio (1x1.25)
Dev/Ref, Fixed Range

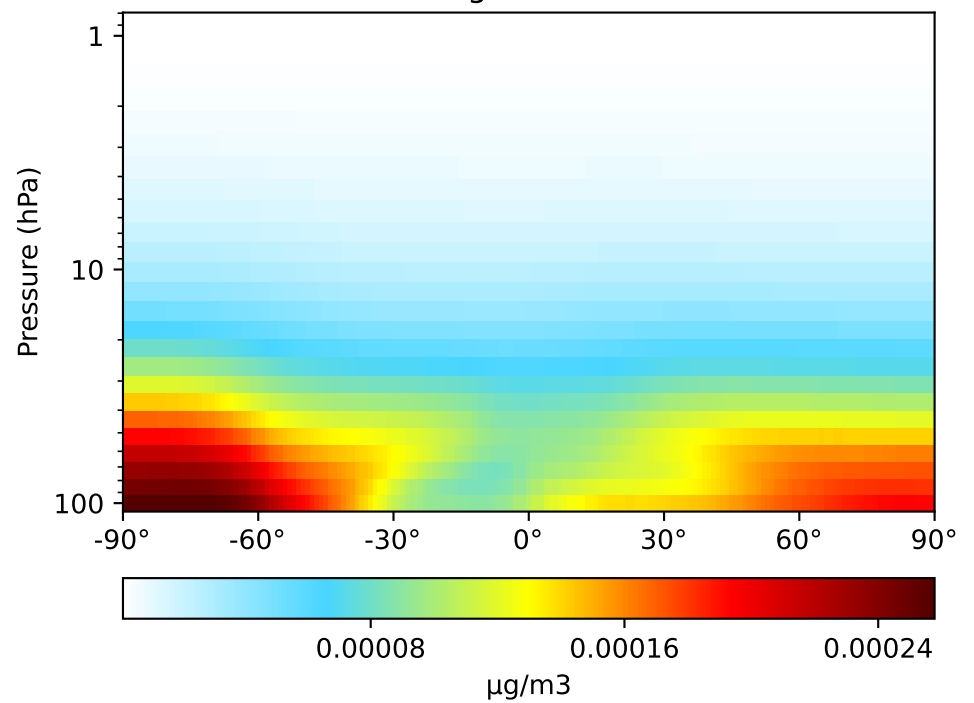


SpeciesConcVV_AERI, Zonal Mean

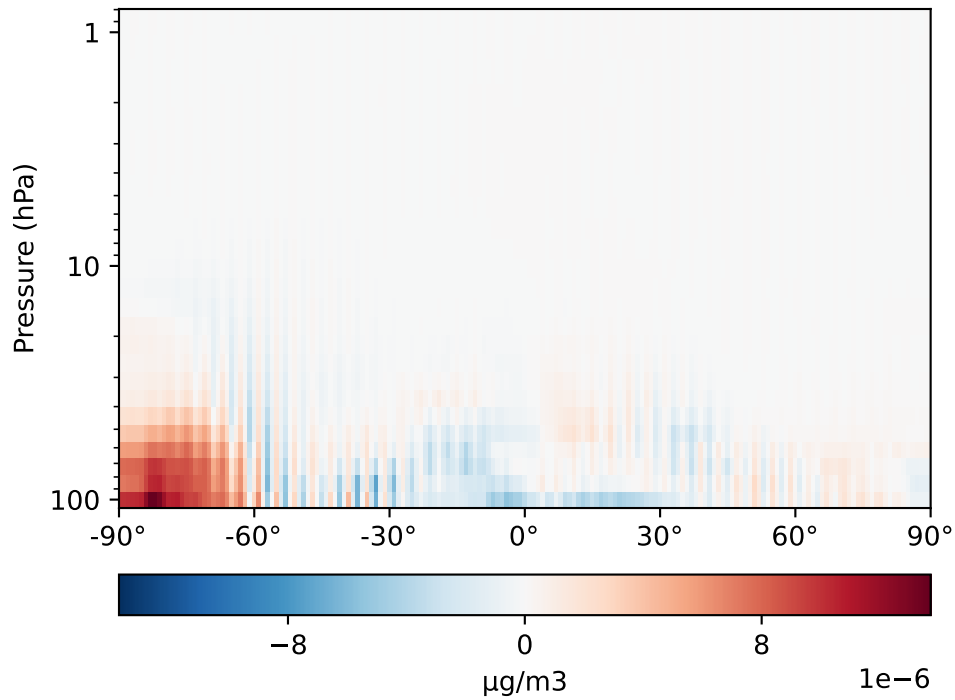
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



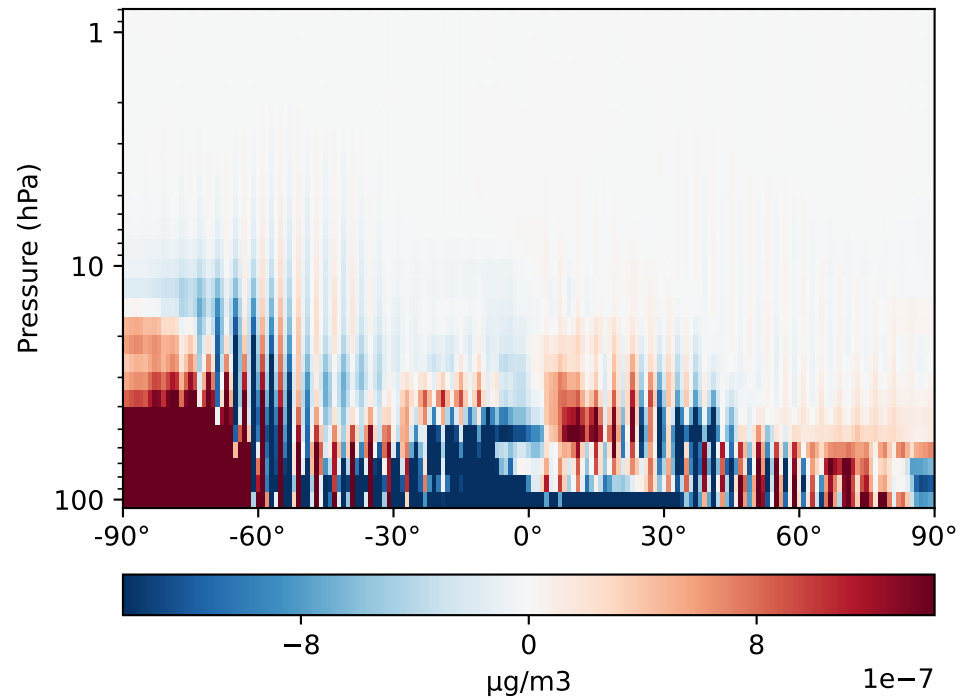
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



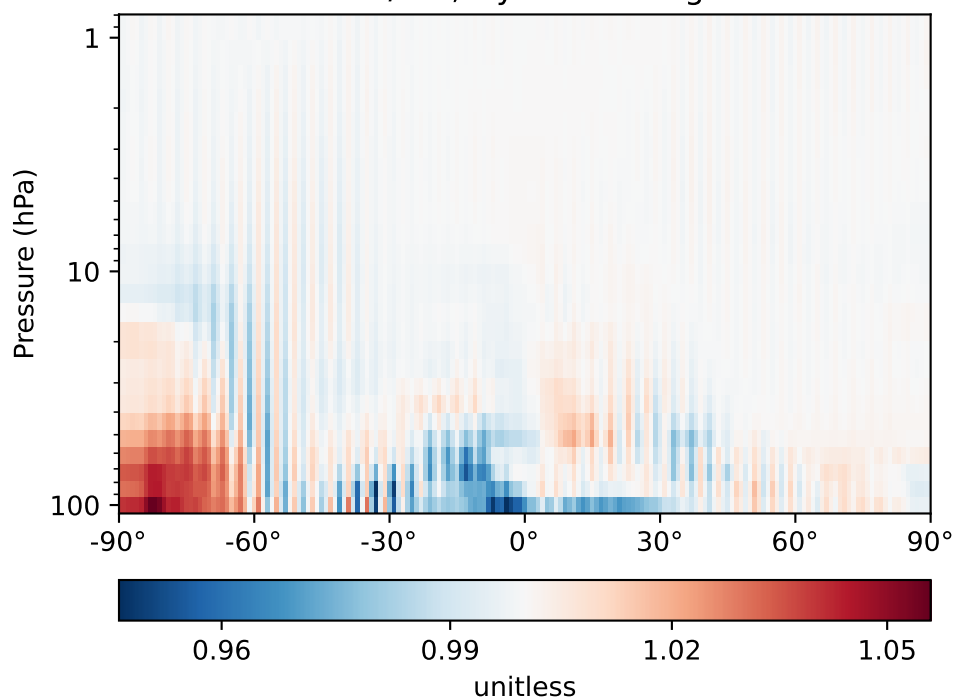
Difference (1x1.25)
Dev - Ref, Dynamic Range



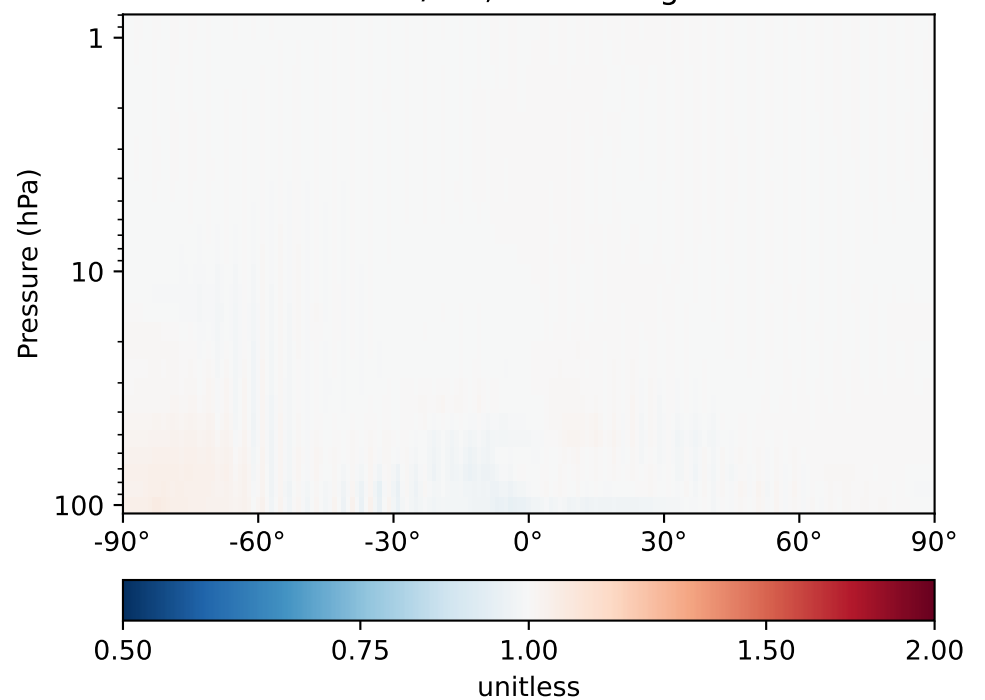
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

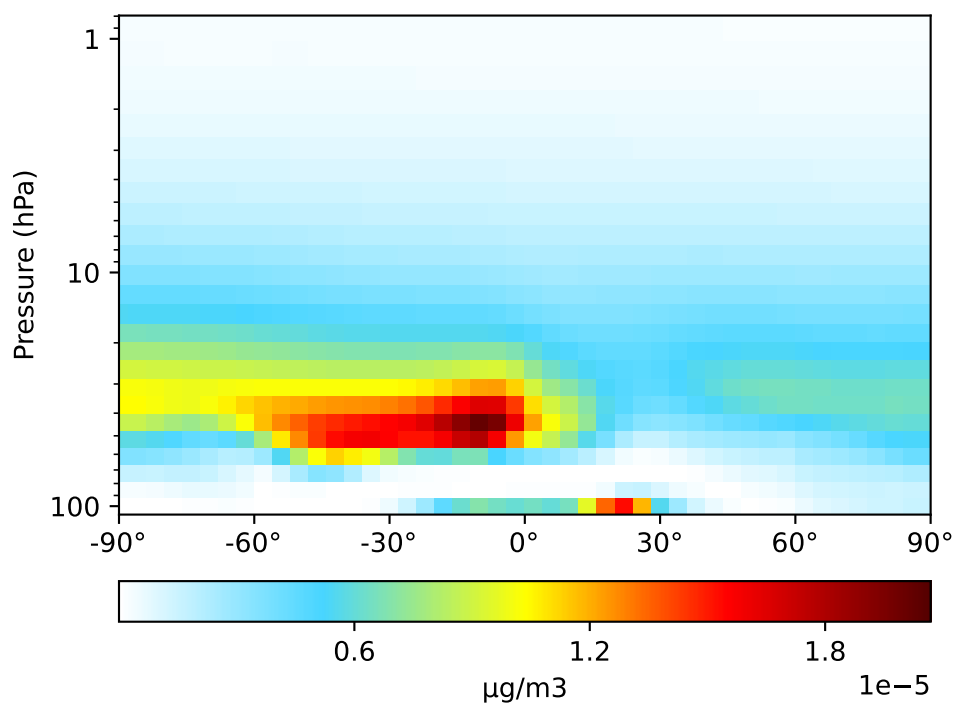


Ratio (1x1.25)
Dev/Ref, Fixed Range

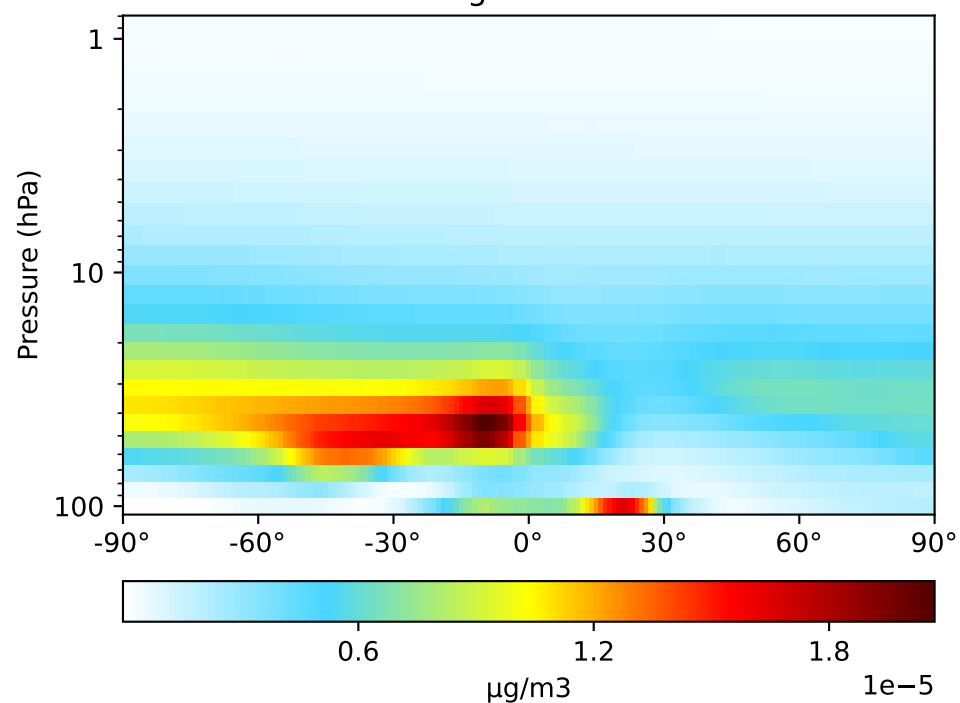


SpeciesConcVV_BrSALA, Zonal Mean

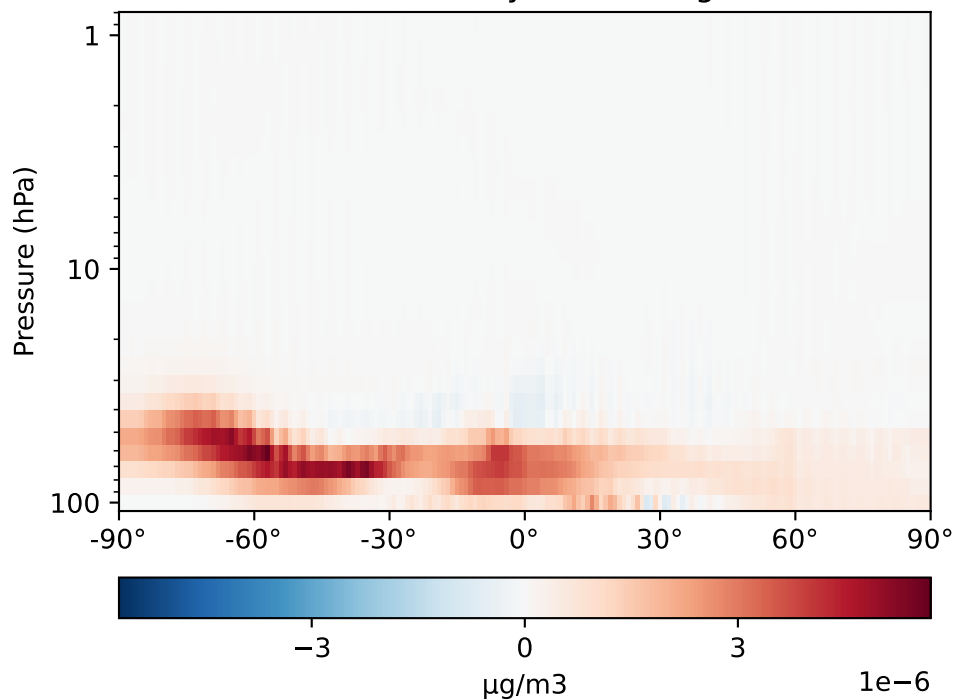
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



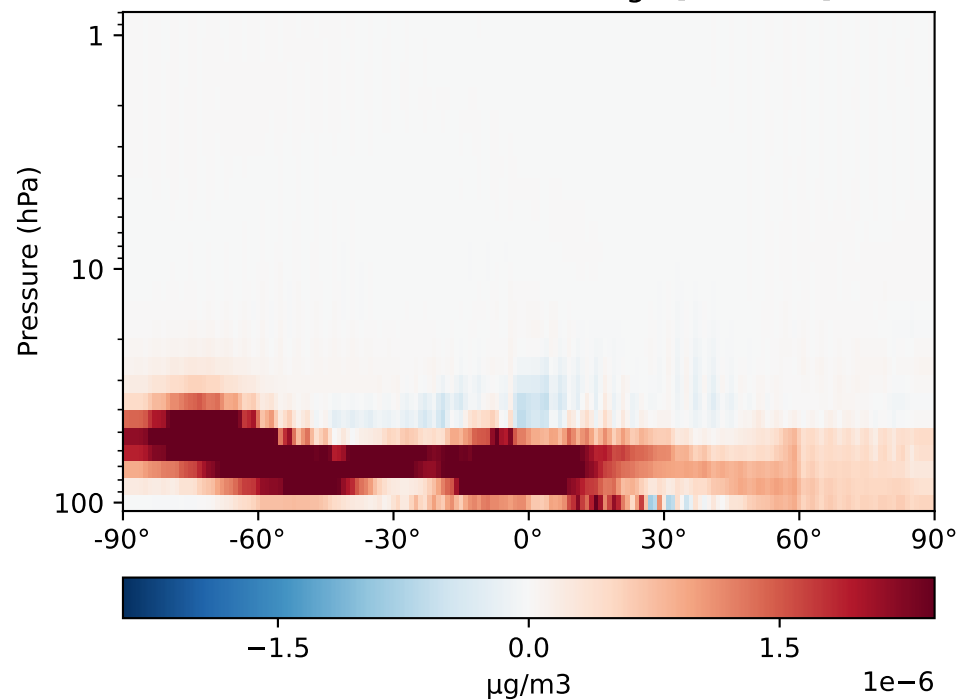
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



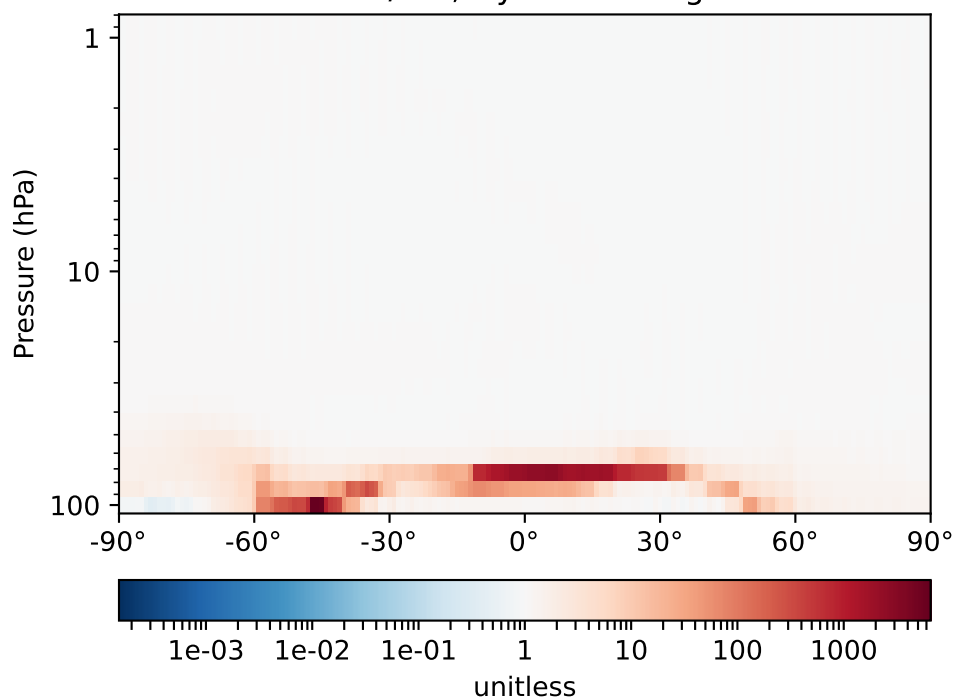
Difference (1x1.25)
Dev - Ref, Dynamic Range



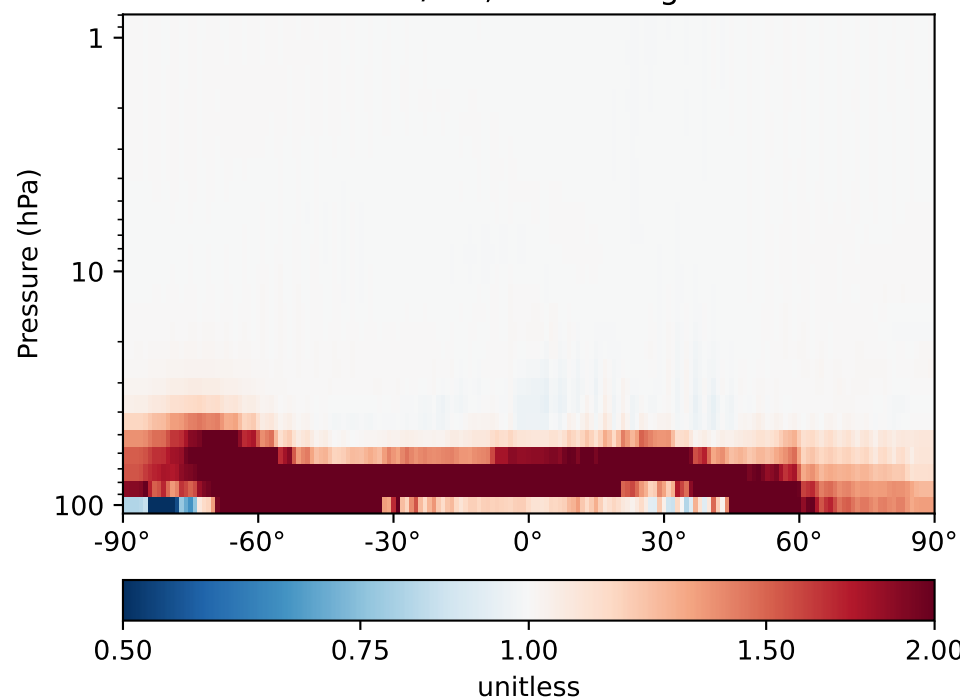
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

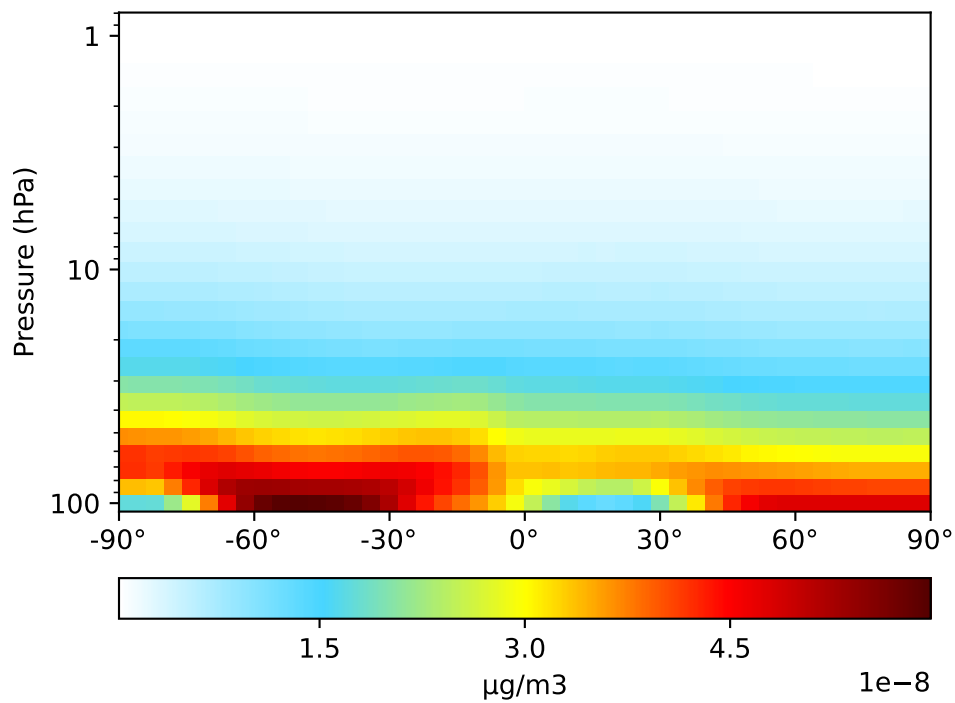


Ratio (1x1.25)
Dev/Ref, Fixed Range

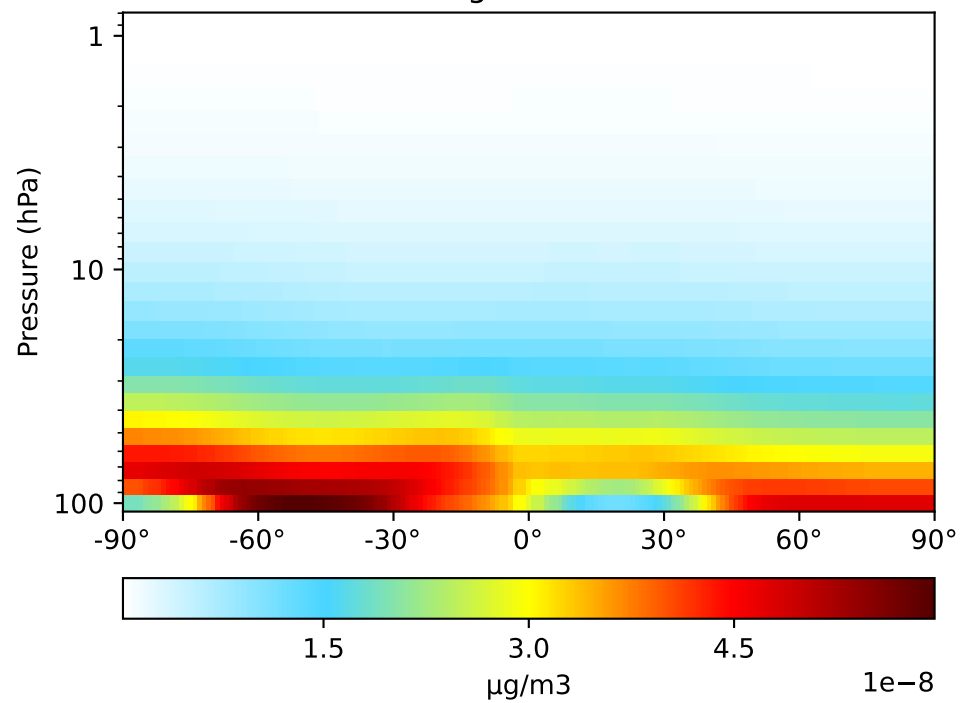


SpeciesConcVV_BrSALC, Zonal Mean

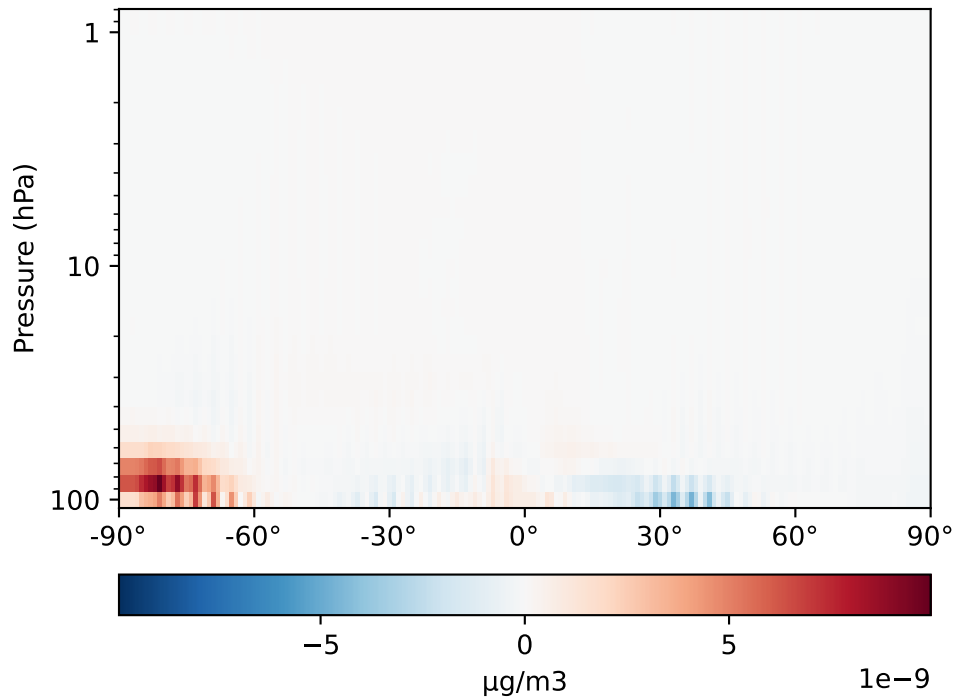
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



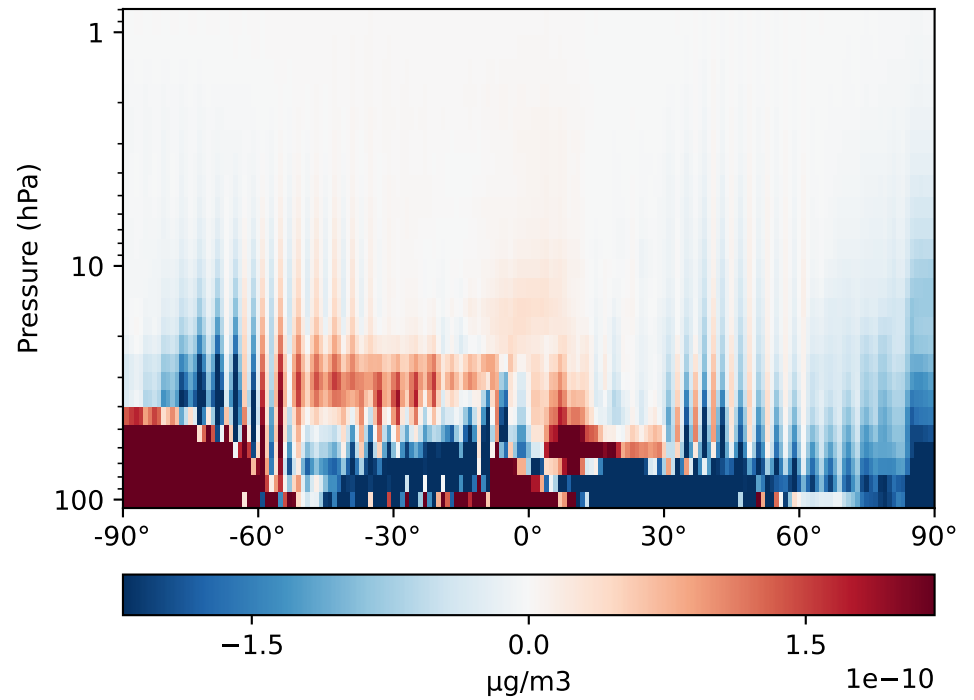
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



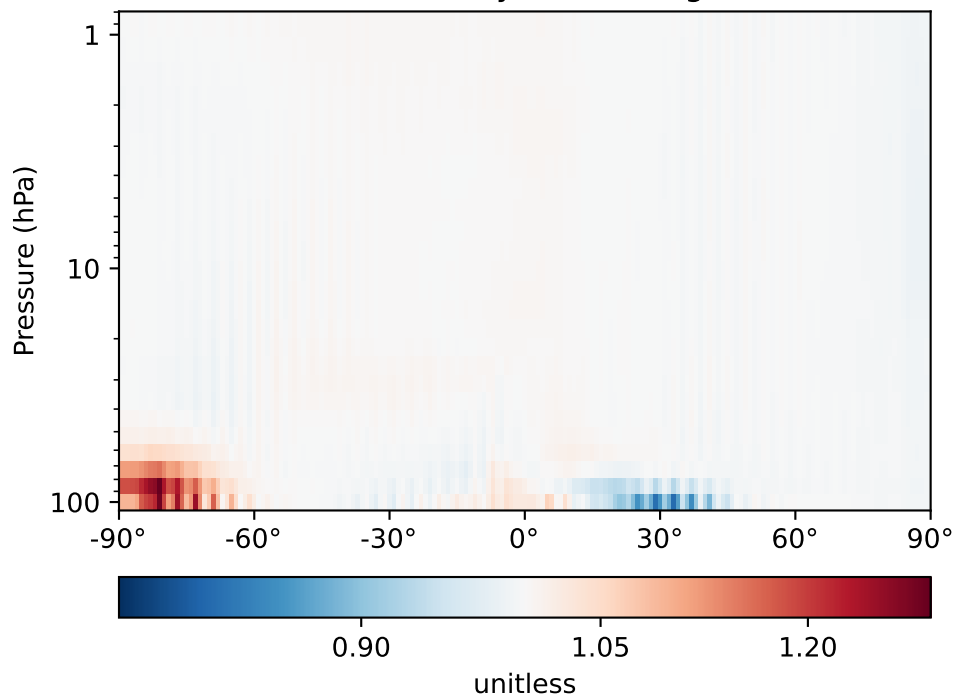
Difference (1x1.25)
Dev - Ref, Dynamic Range



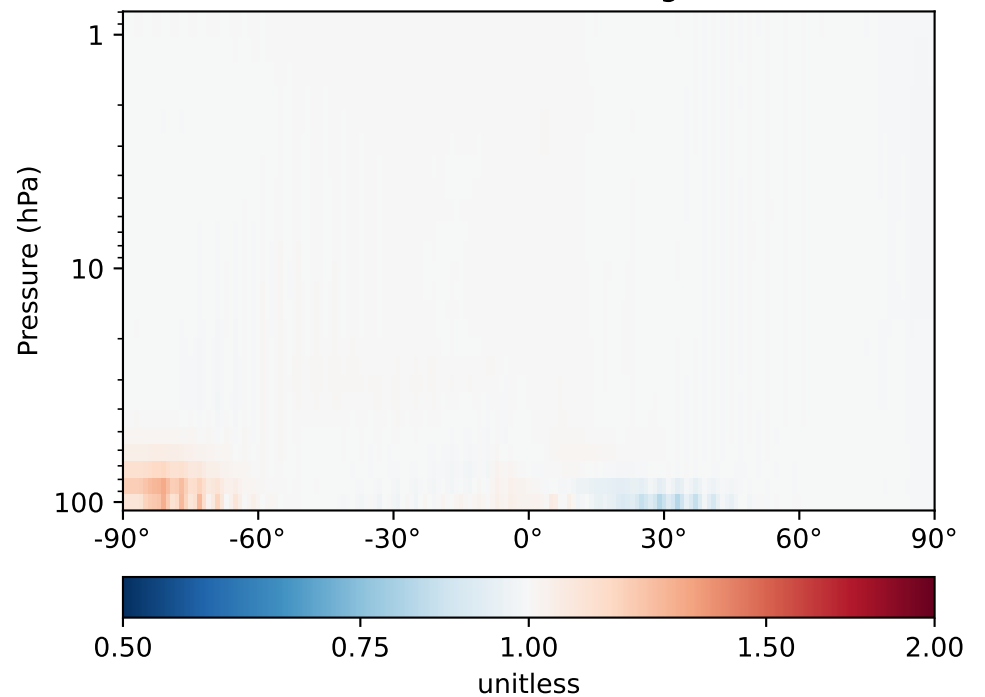
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

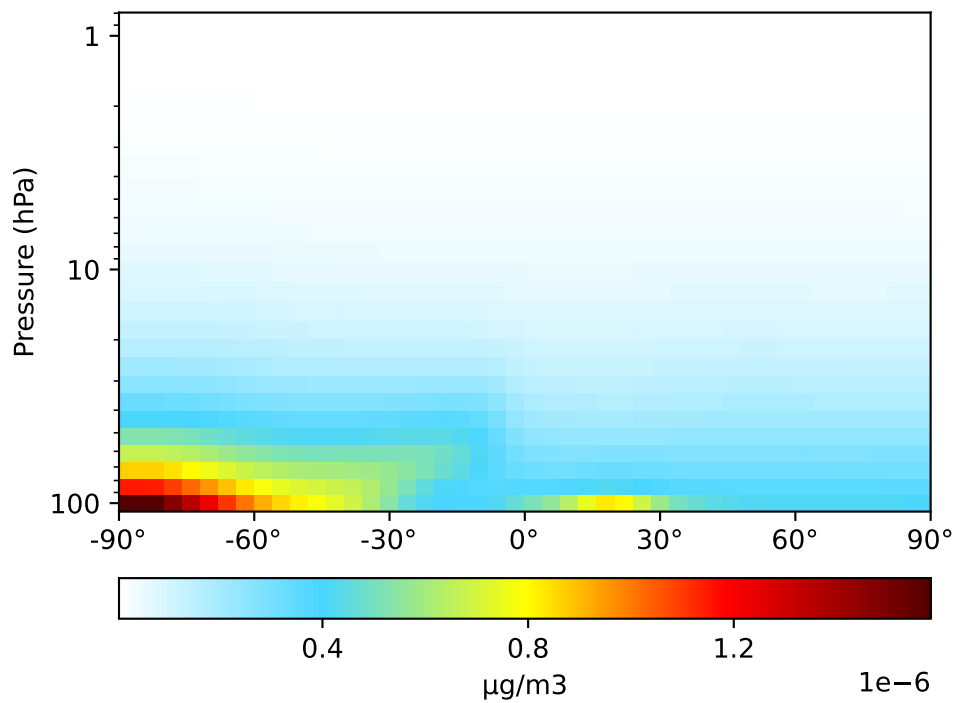


Ratio (1x1.25)
Dev/Ref, Fixed Range

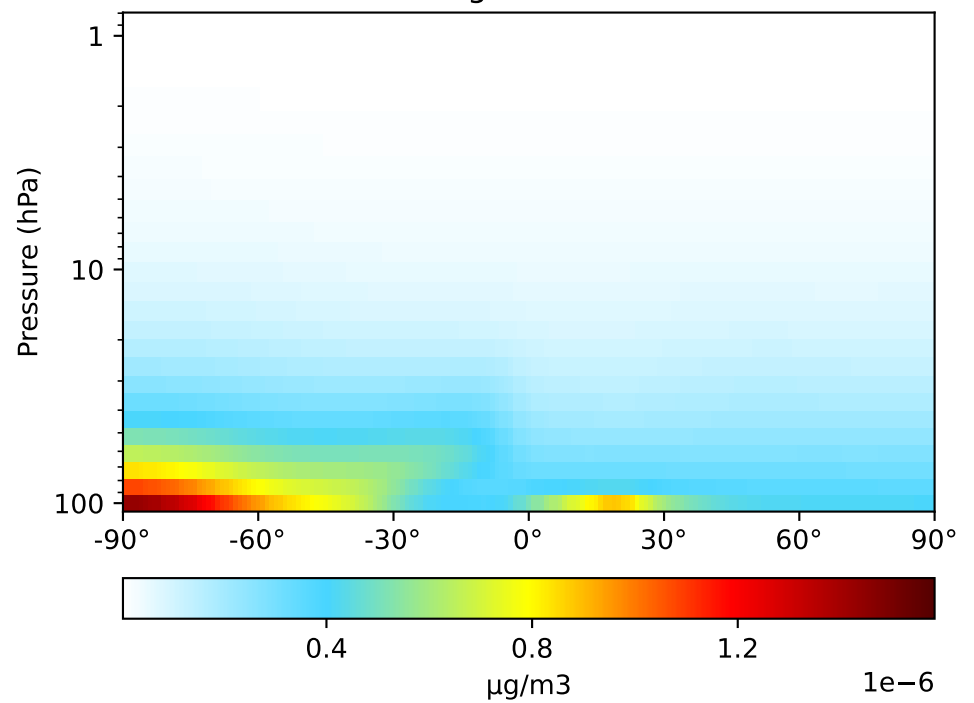


SpeciesConcVV_ISALA, Zonal Mean

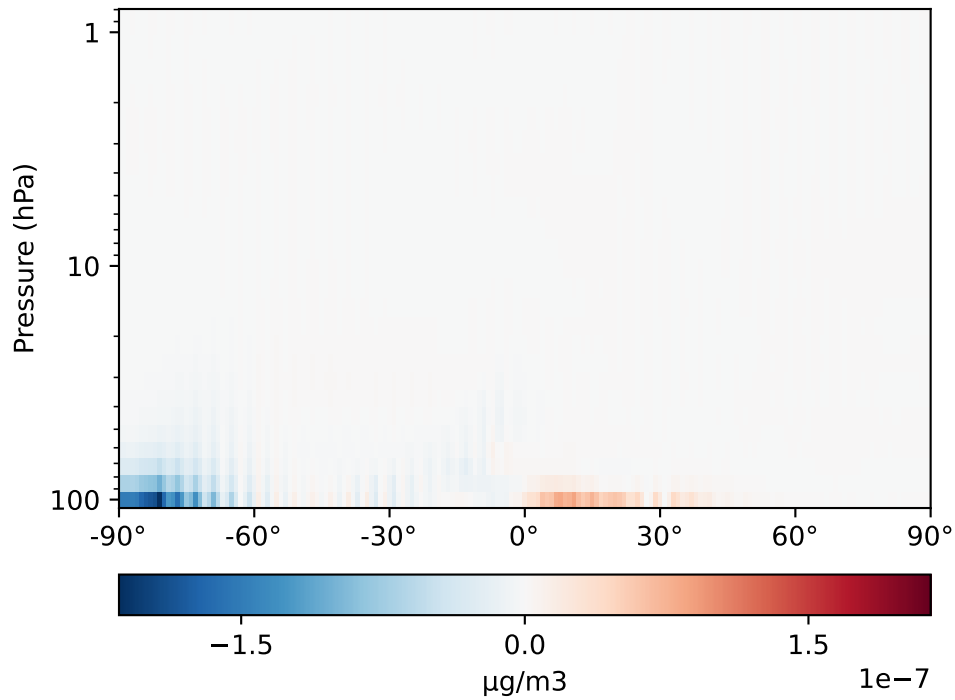
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



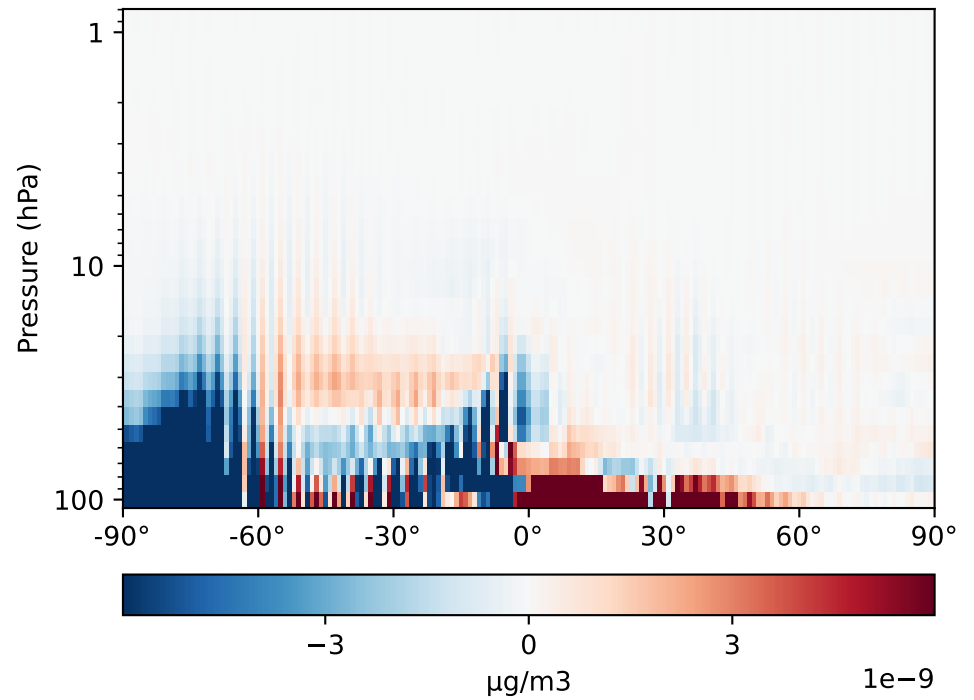
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



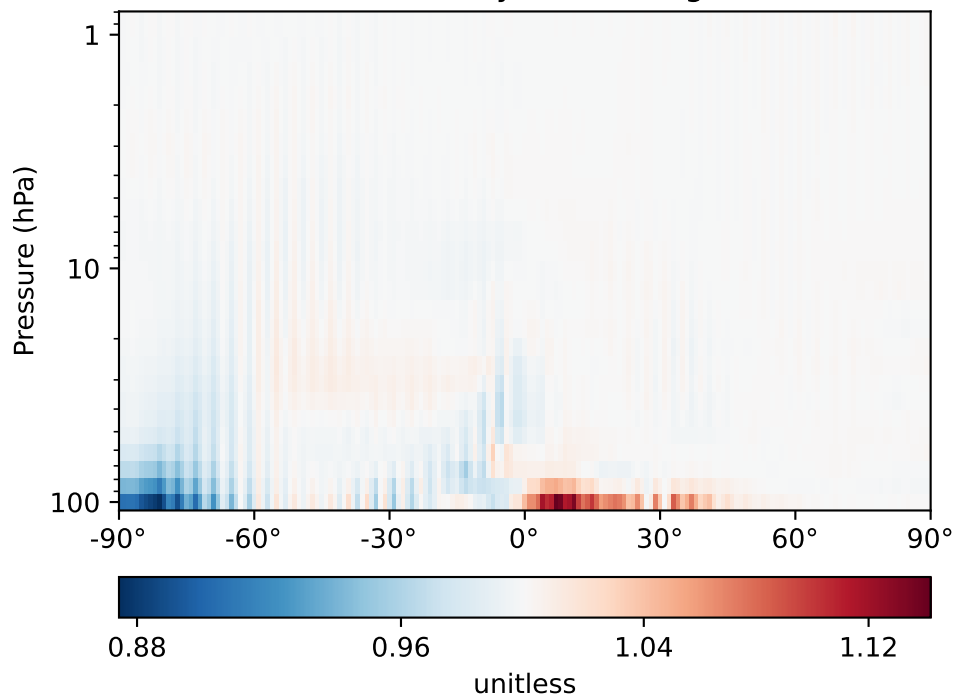
Difference (1x1.25)
Dev - Ref, Dynamic Range



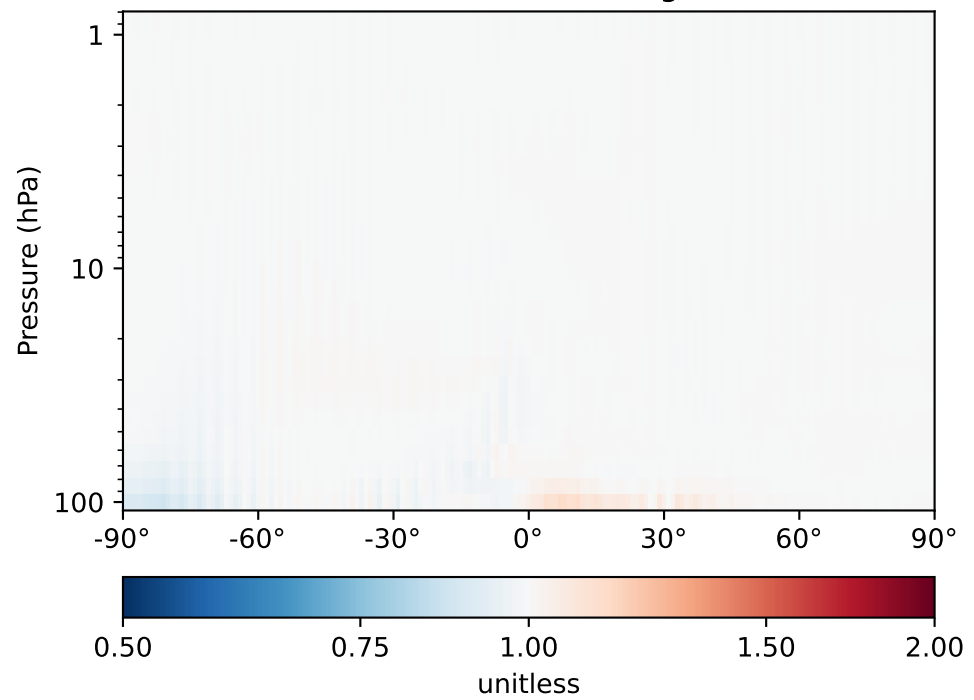
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

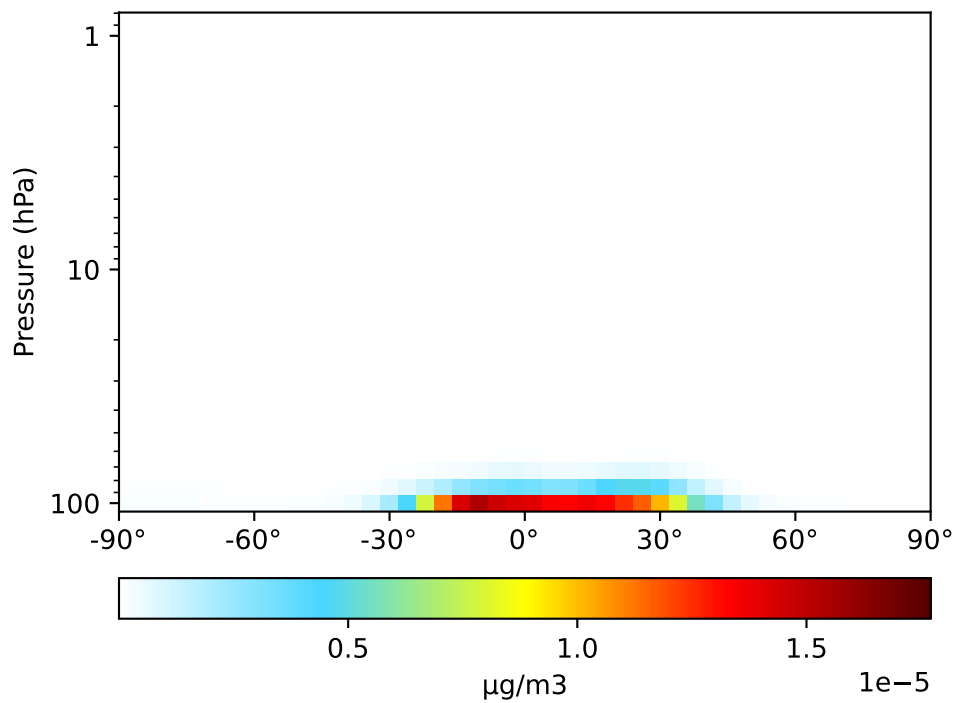


Ratio (1x1.25)
Dev/Ref, Fixed Range

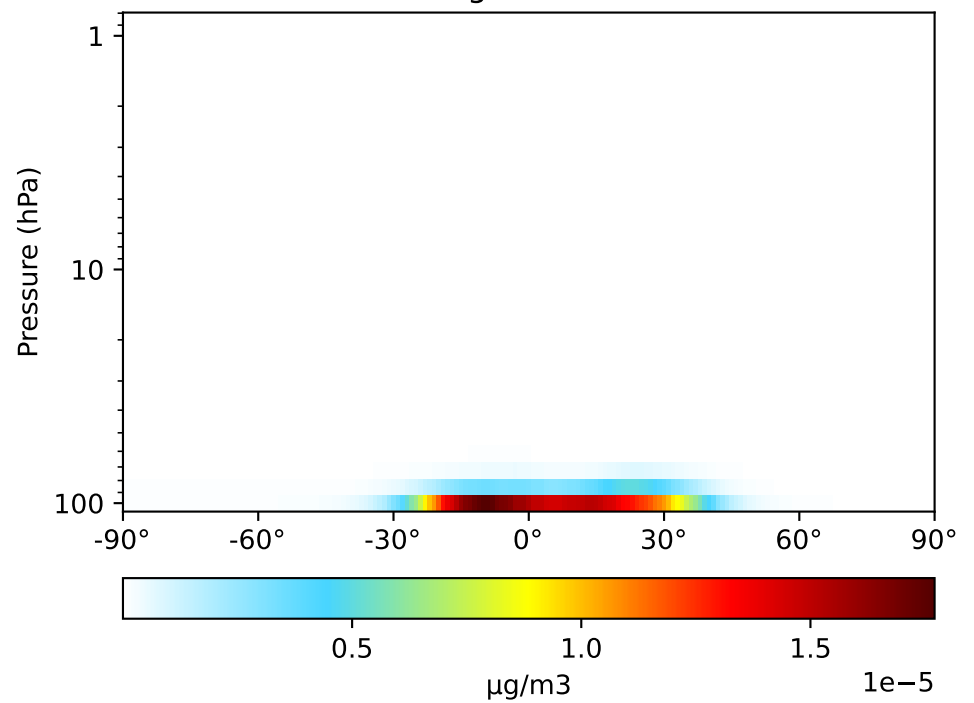


SpeciesConcVV_ISALC, Zonal Mean

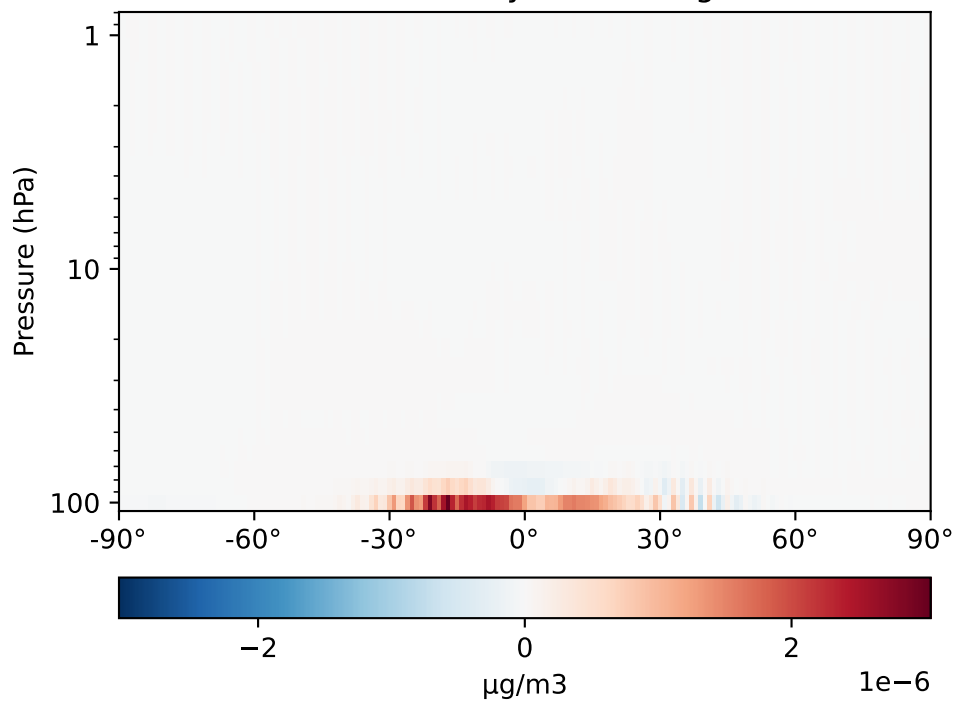
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



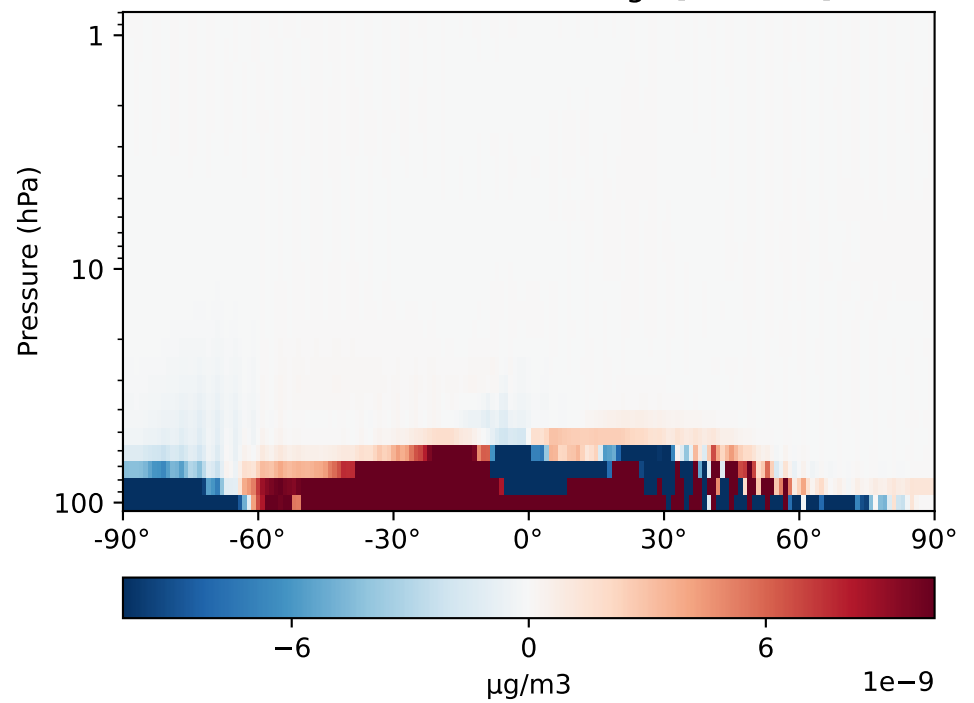
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



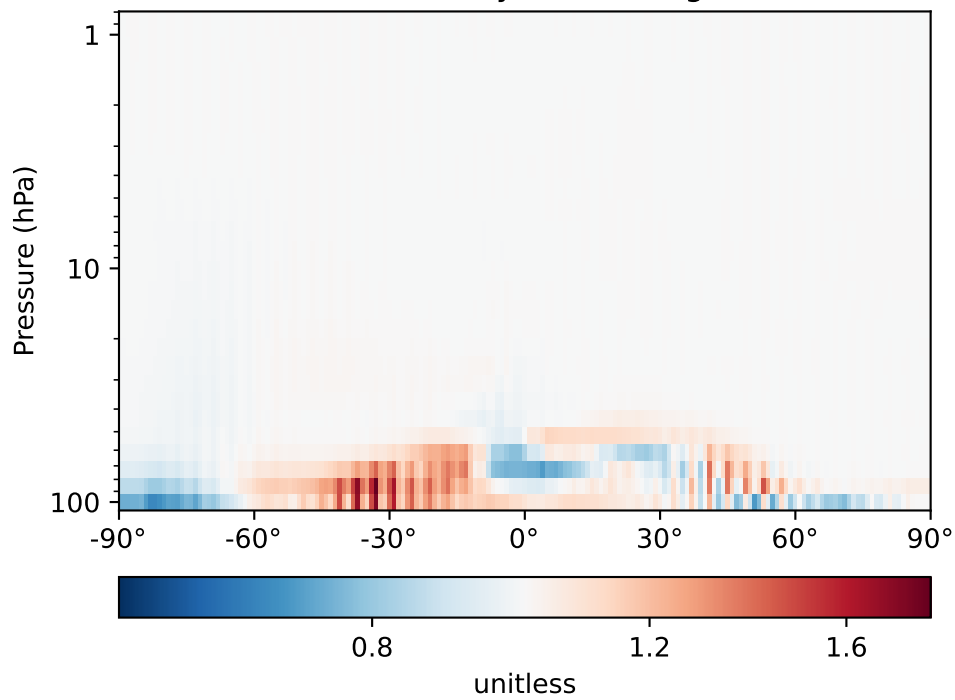
Difference (1x1.25)
Dev - Ref, Dynamic Range



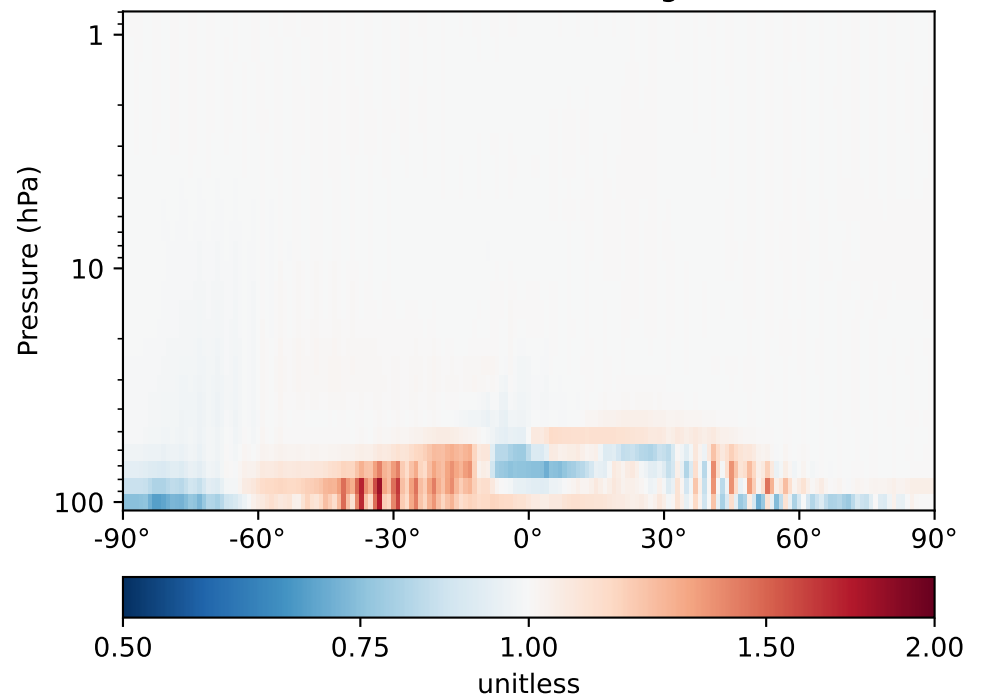
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

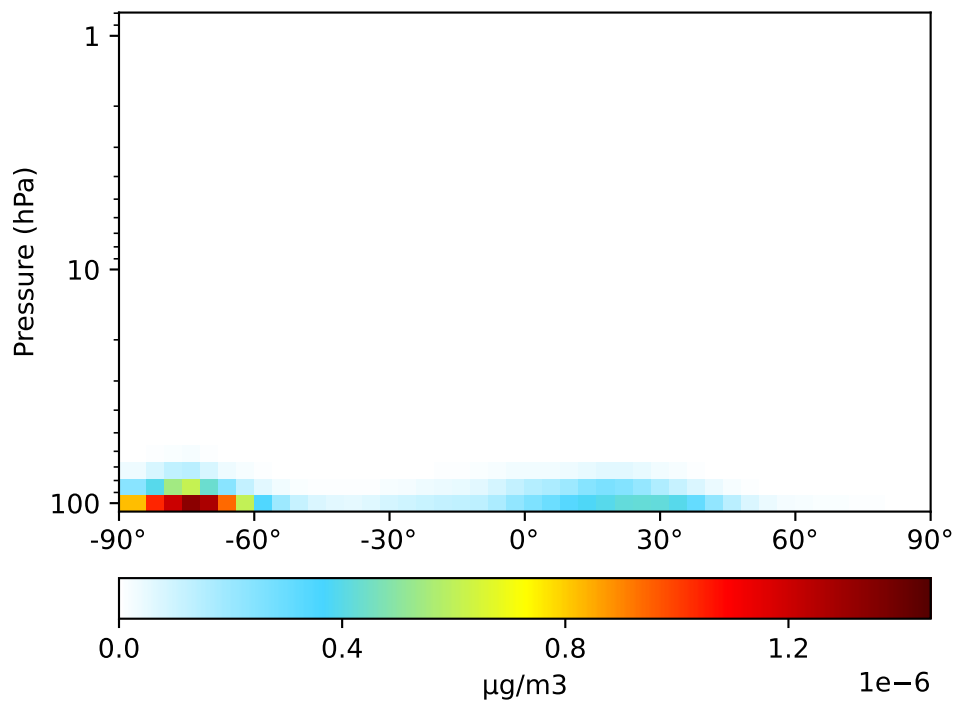


Ratio (1x1.25)
Dev/Ref, Fixed Range

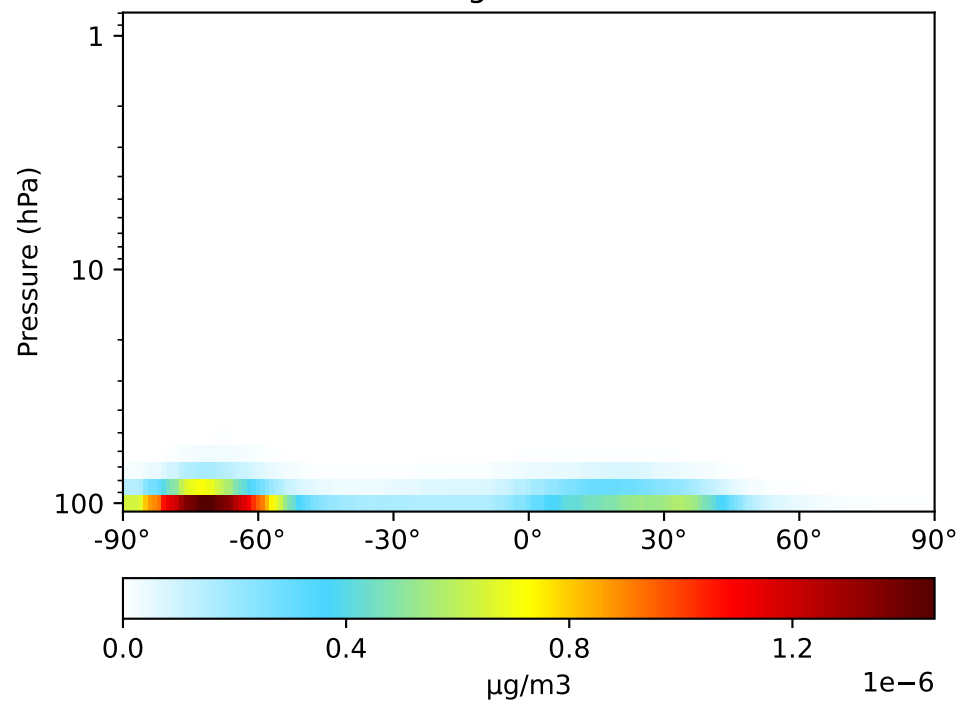


SpeciesConcVV_NITs, Zonal Mean

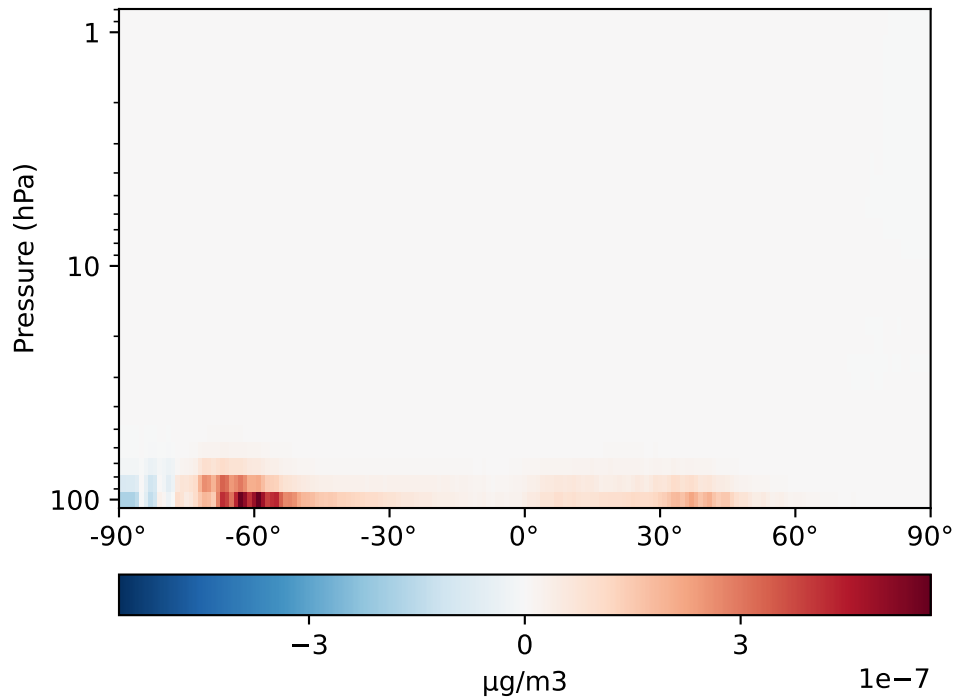
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



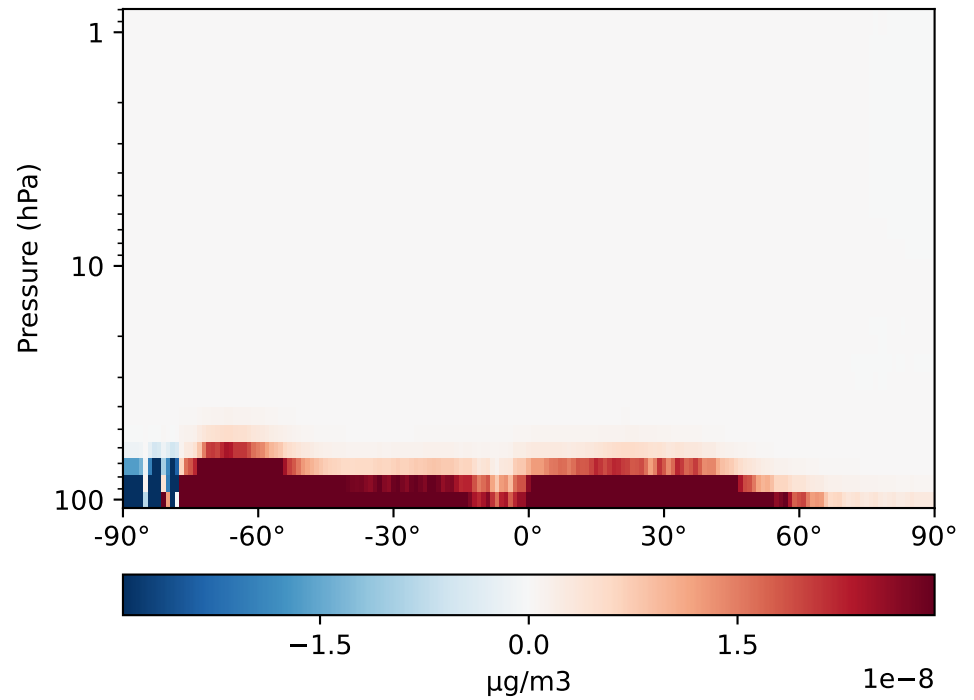
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



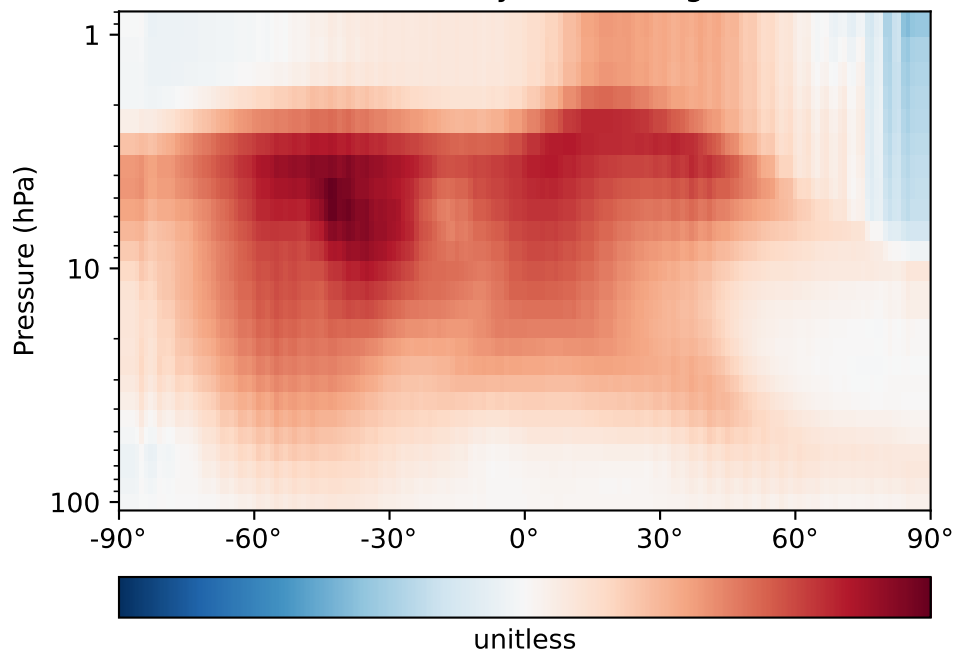
Difference (1x1.25)
Dev - Ref, Dynamic Range



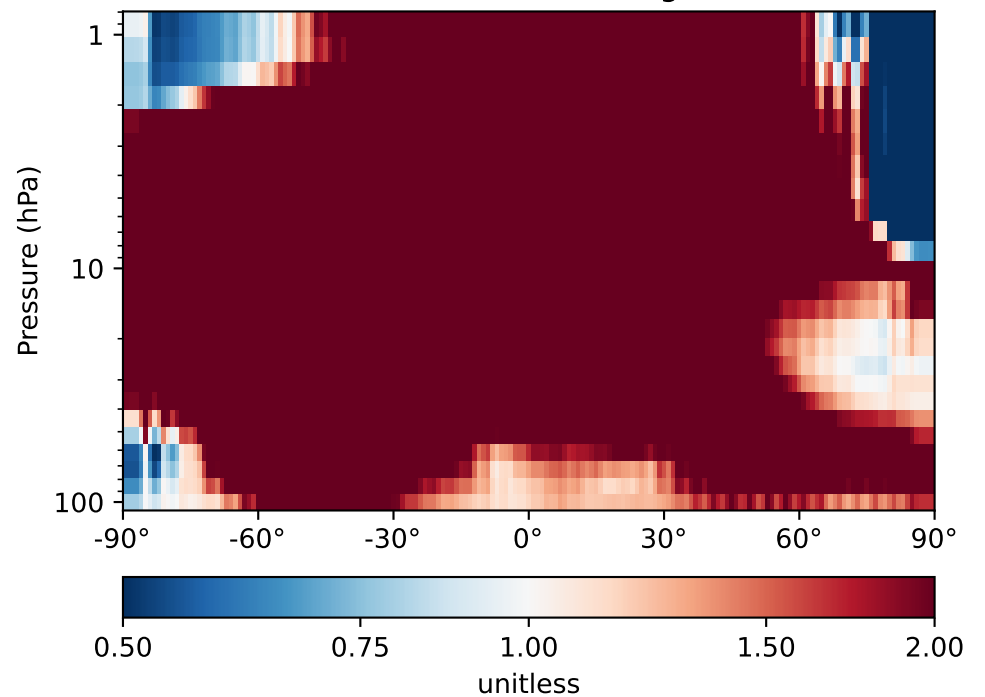
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

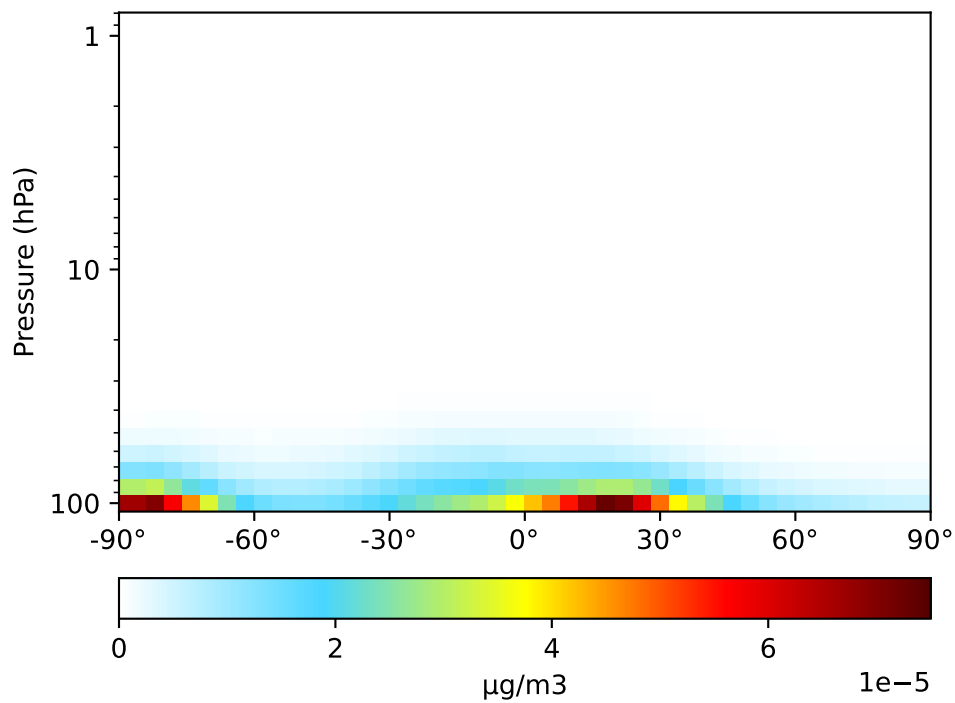


Ratio (1x1.25)
Dev/Ref, Fixed Range

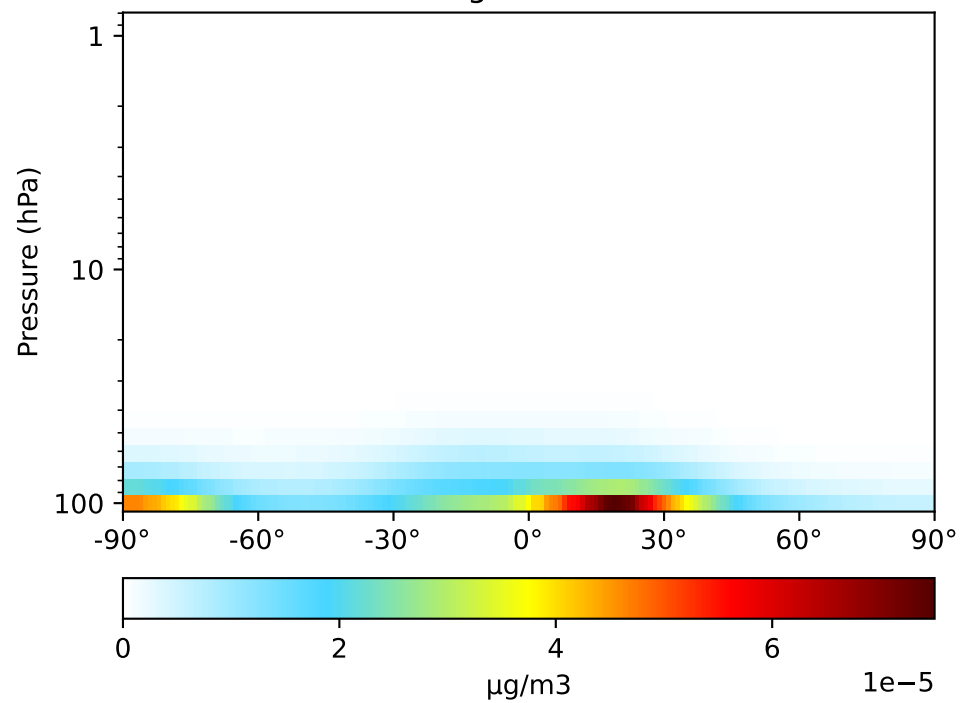


SpeciesConcVW_SALA, Zonal Mean

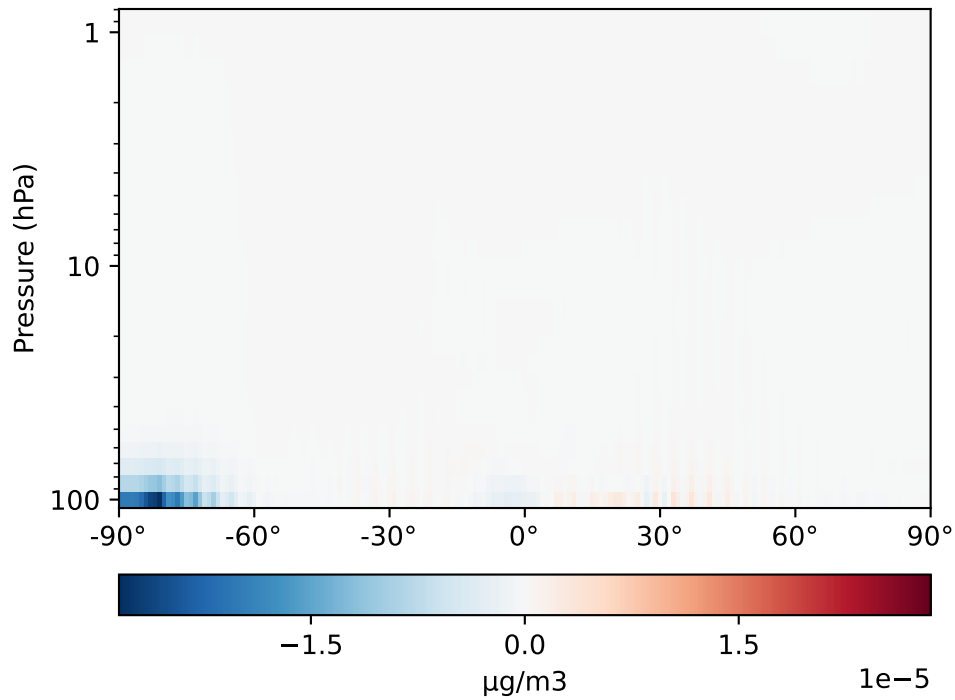
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



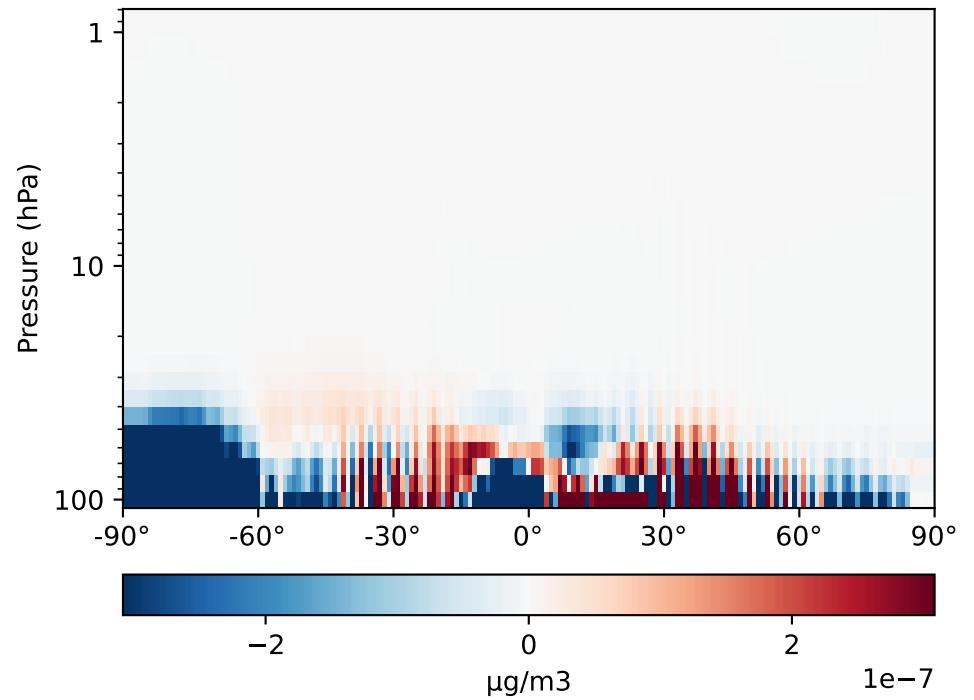
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



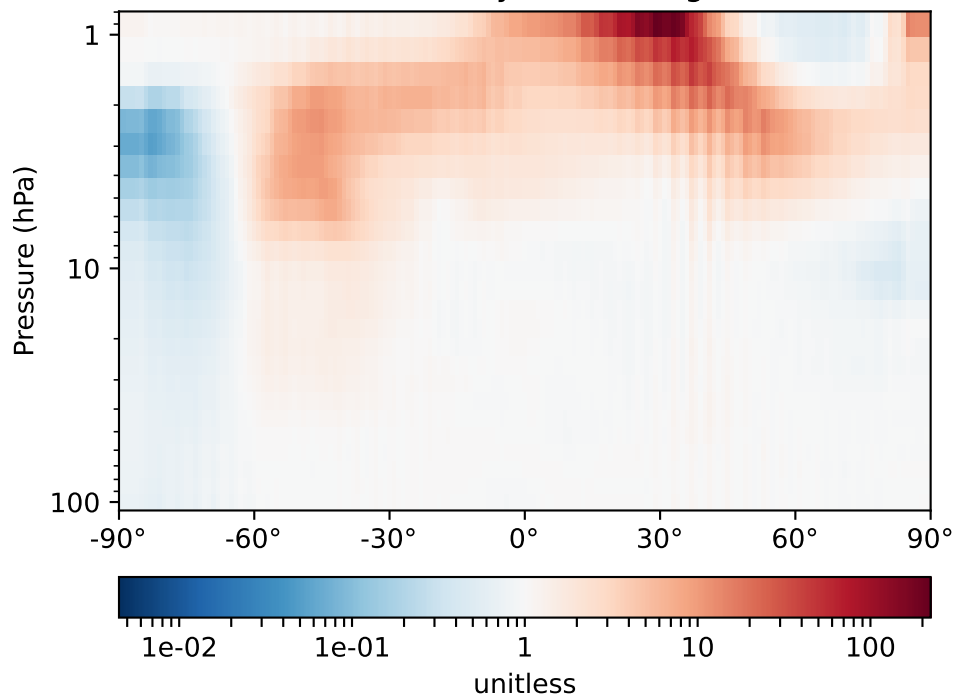
Difference (1x1.25)
Dev - Ref, Dynamic Range



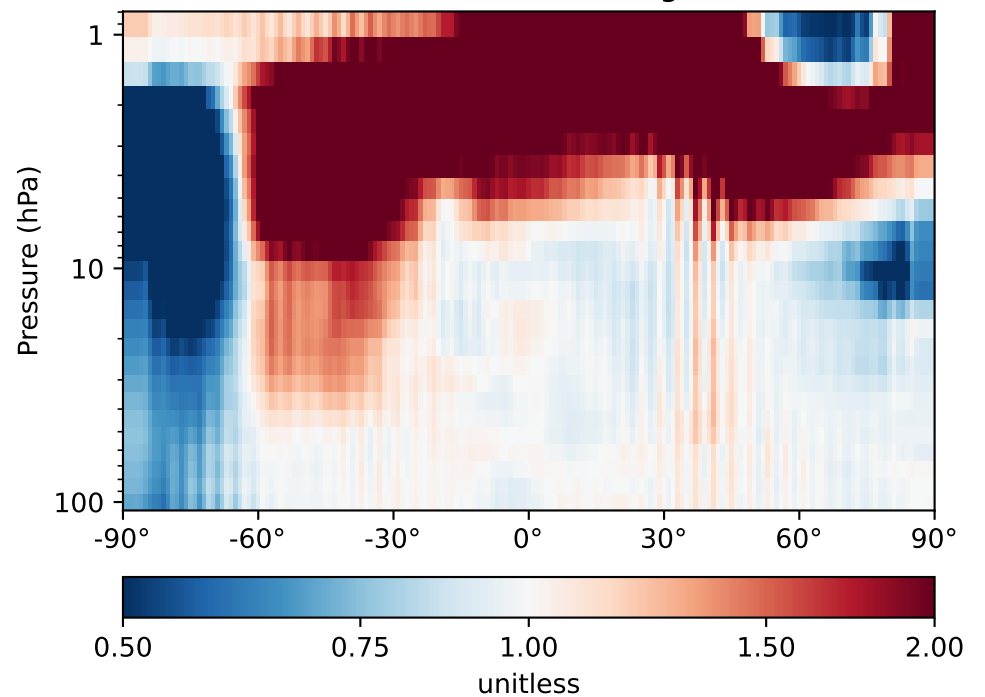
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

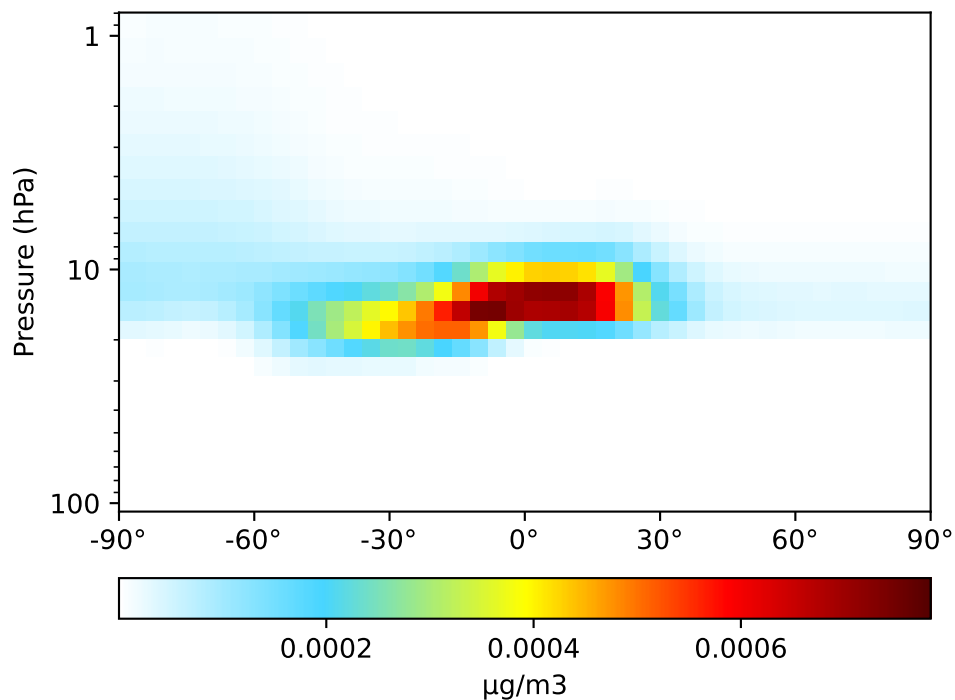


Ratio (1x1.25)
Dev/Ref, Fixed Range

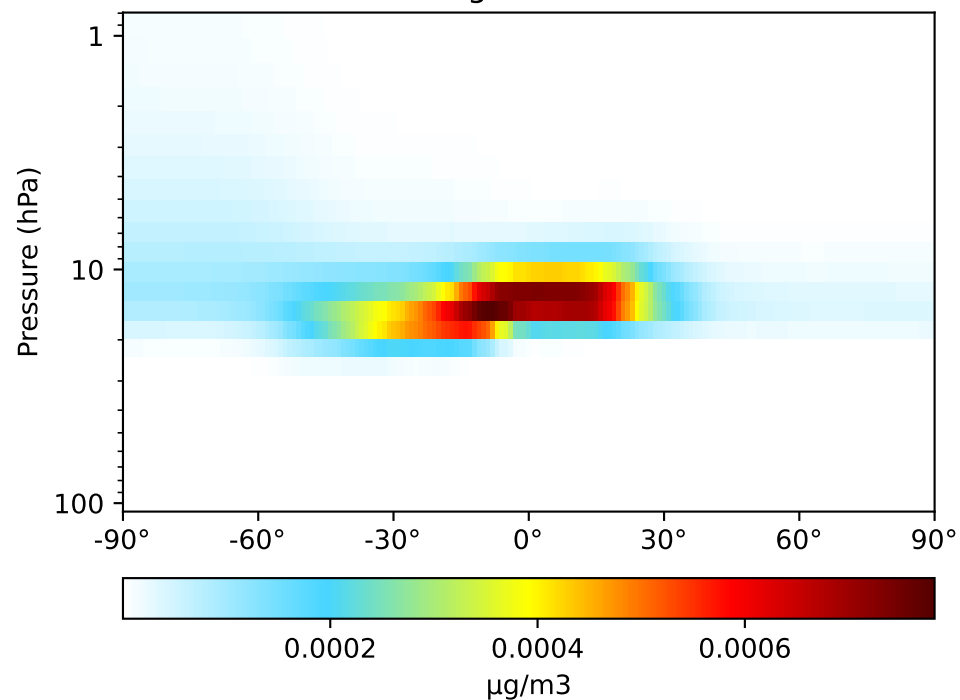


SpeciesConcVV_SALAAAL, Zonal Mean

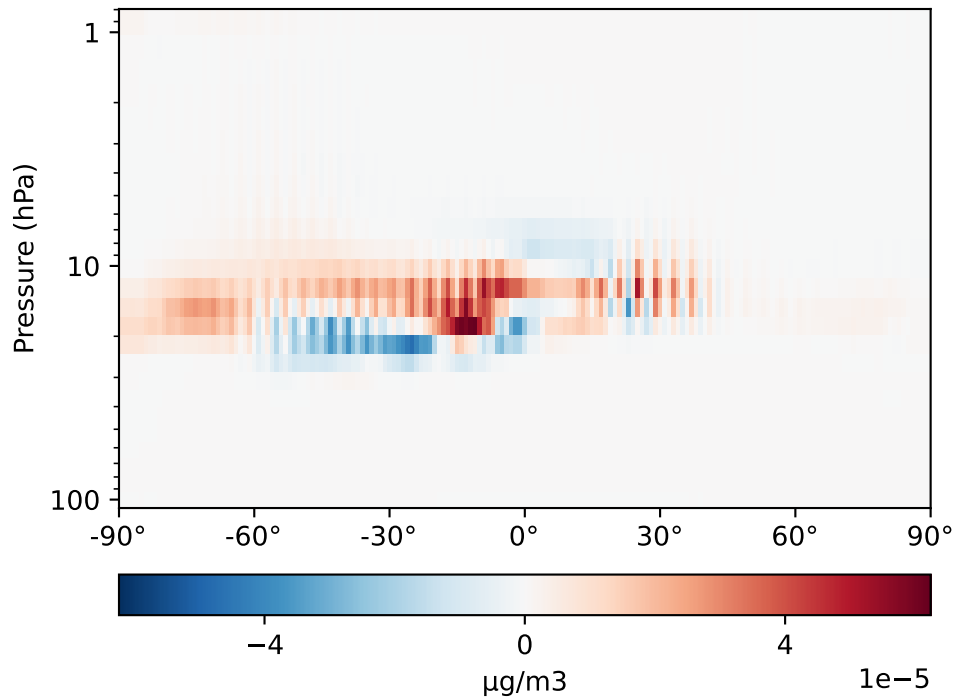
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



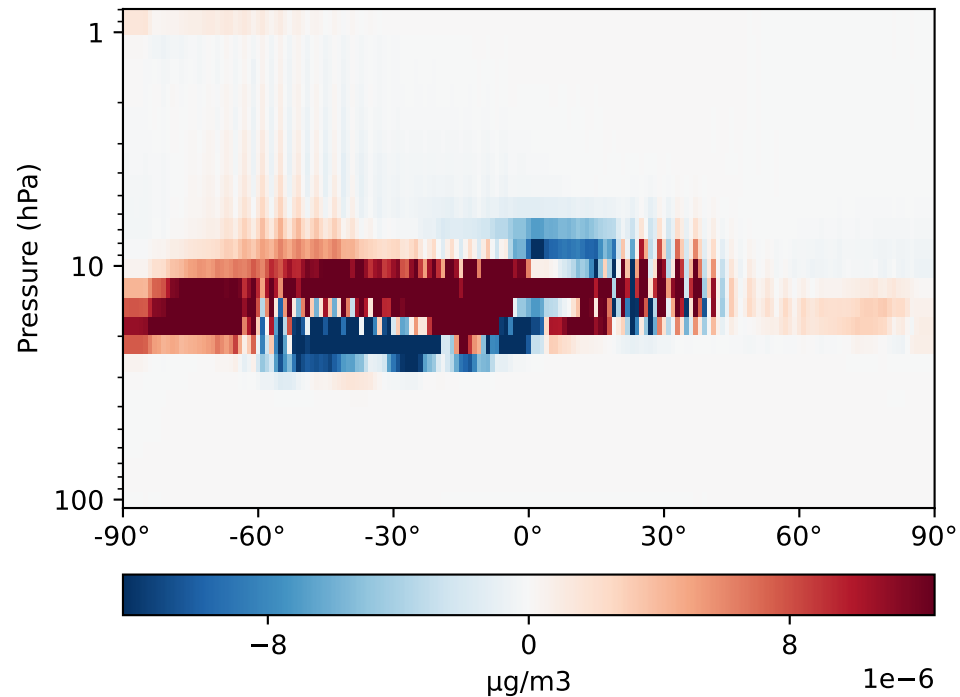
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regridged from c24



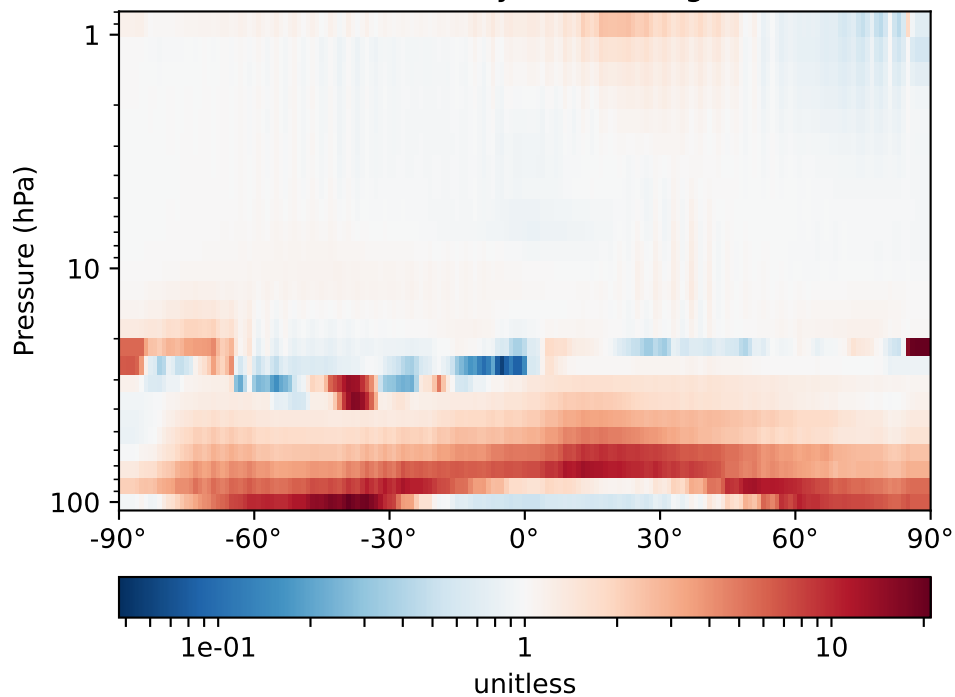
Difference (1x1.25)
Dev - Ref, Dynamic Range



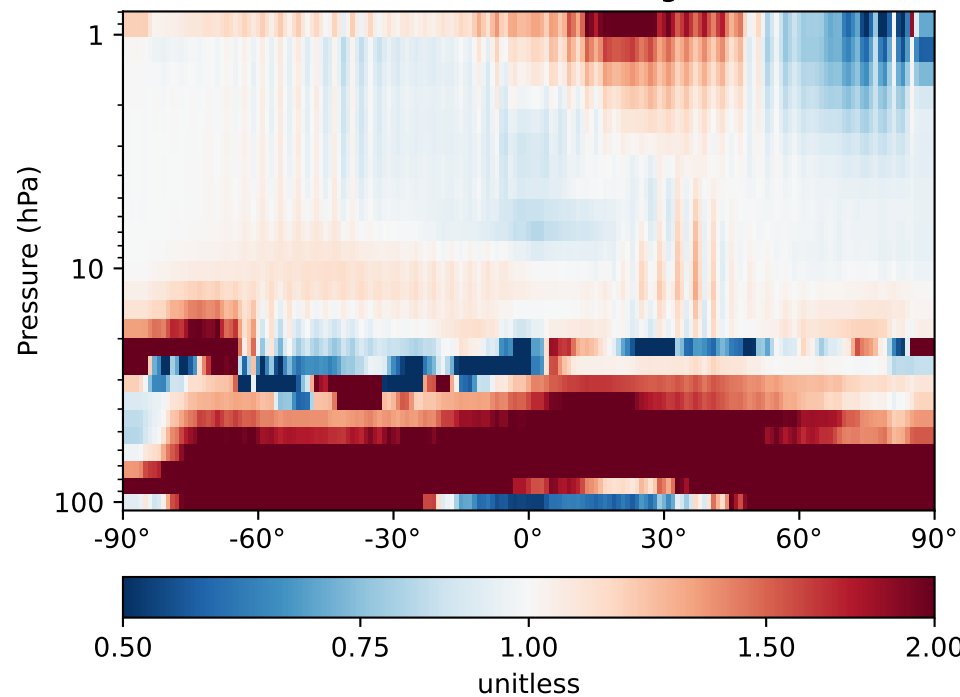
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

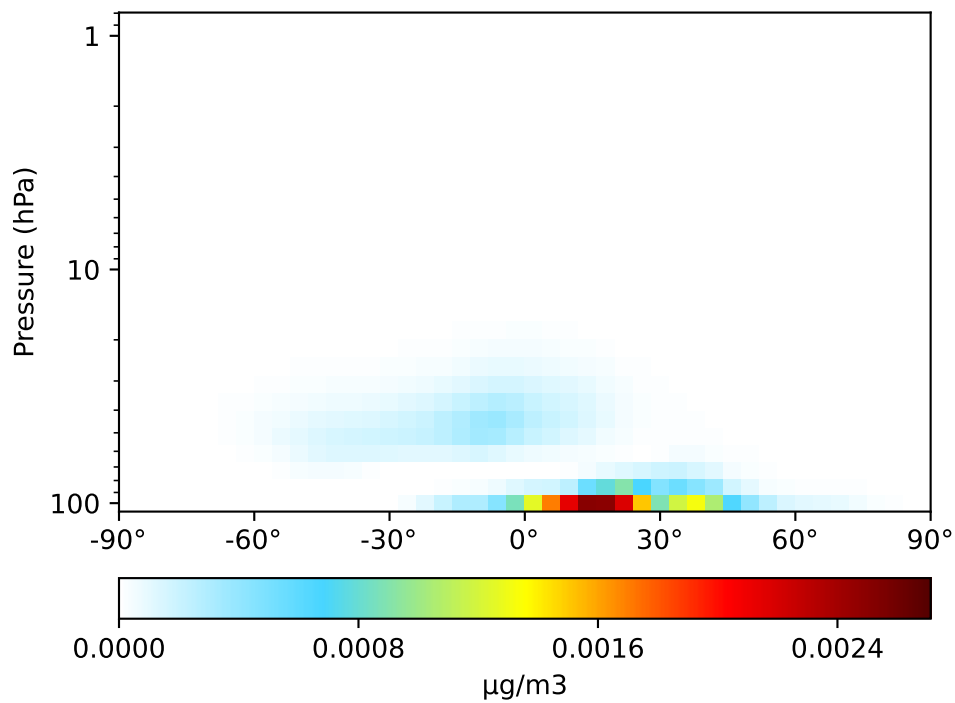


Ratio (1x1.25)
Dev/Ref, Fixed Range

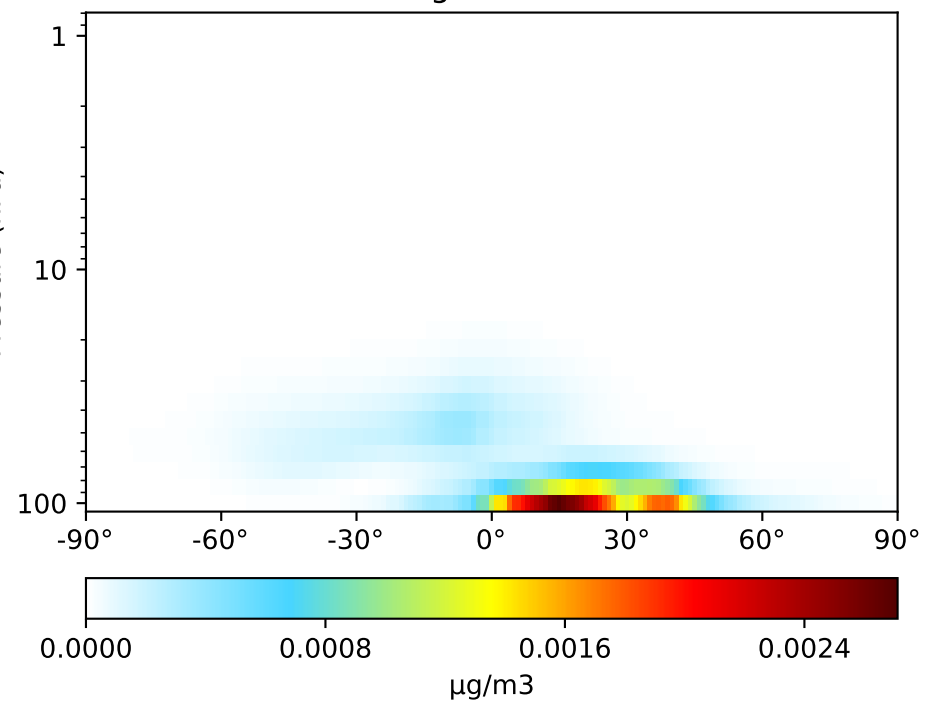


SpeciesConcVV_SALACL, Zonal Mean

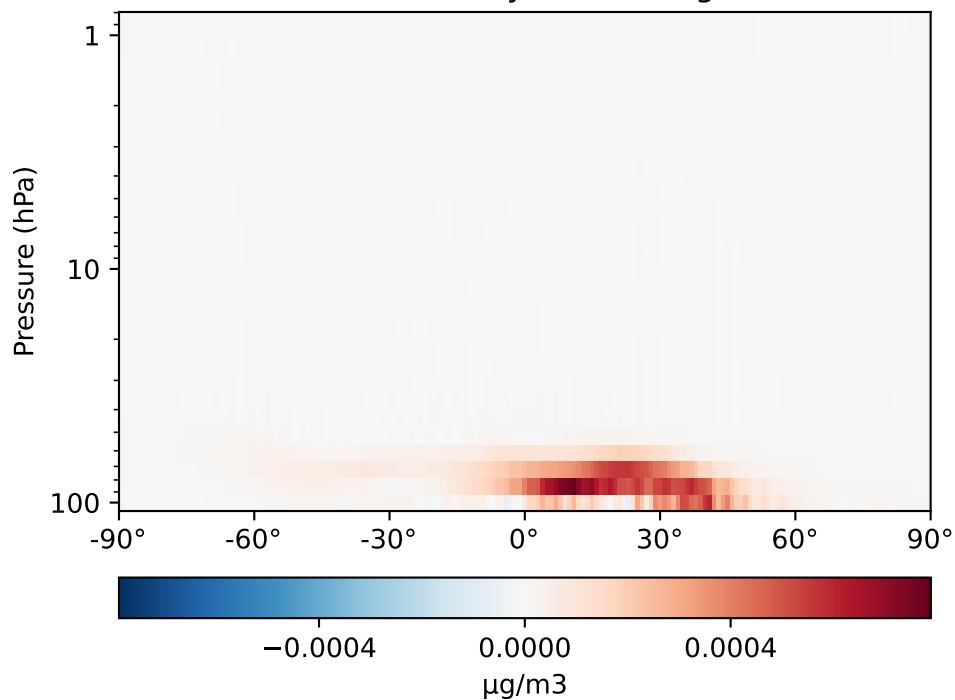
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



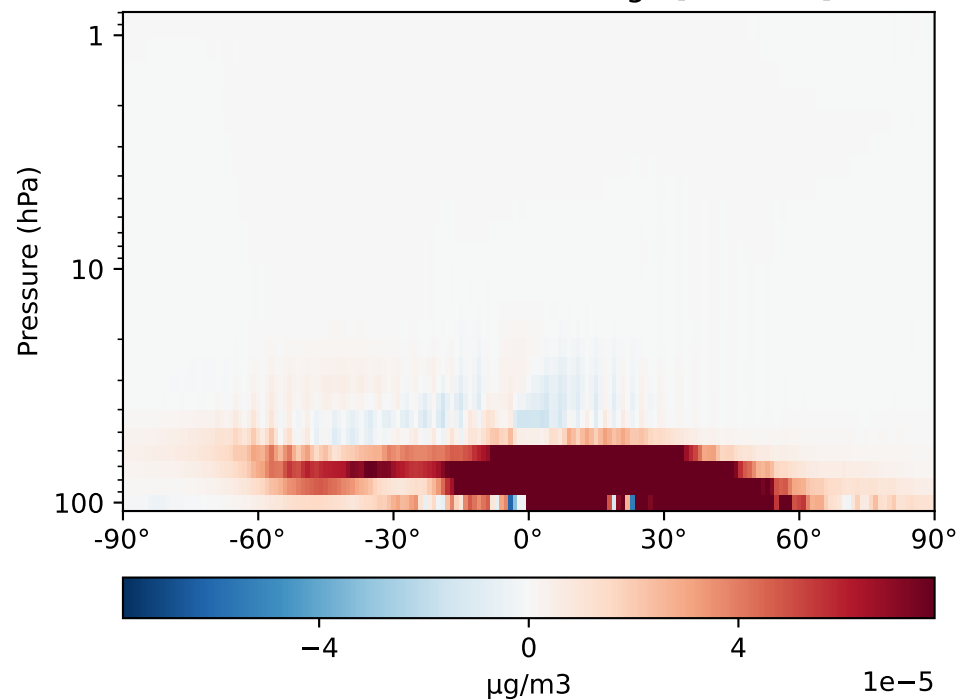
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



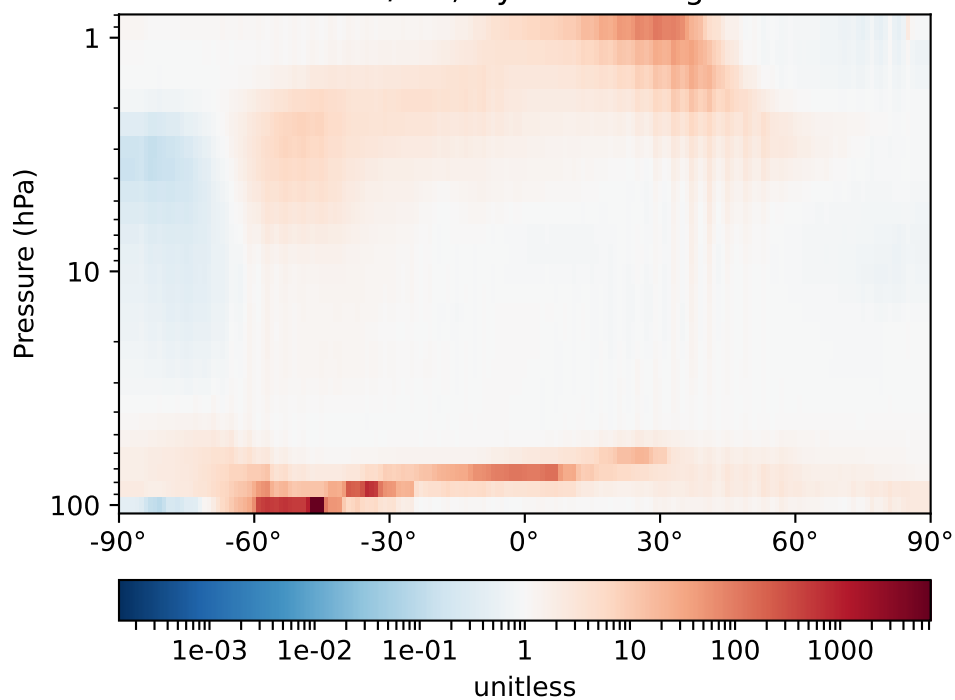
Difference (1x1.25)
Dev - Ref, Dynamic Range



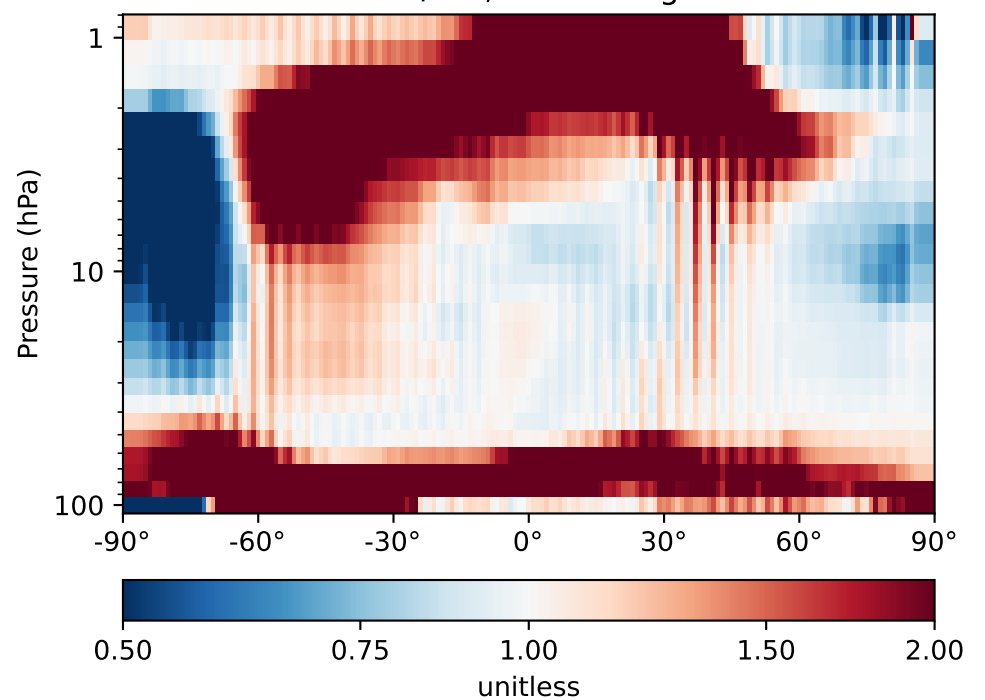
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

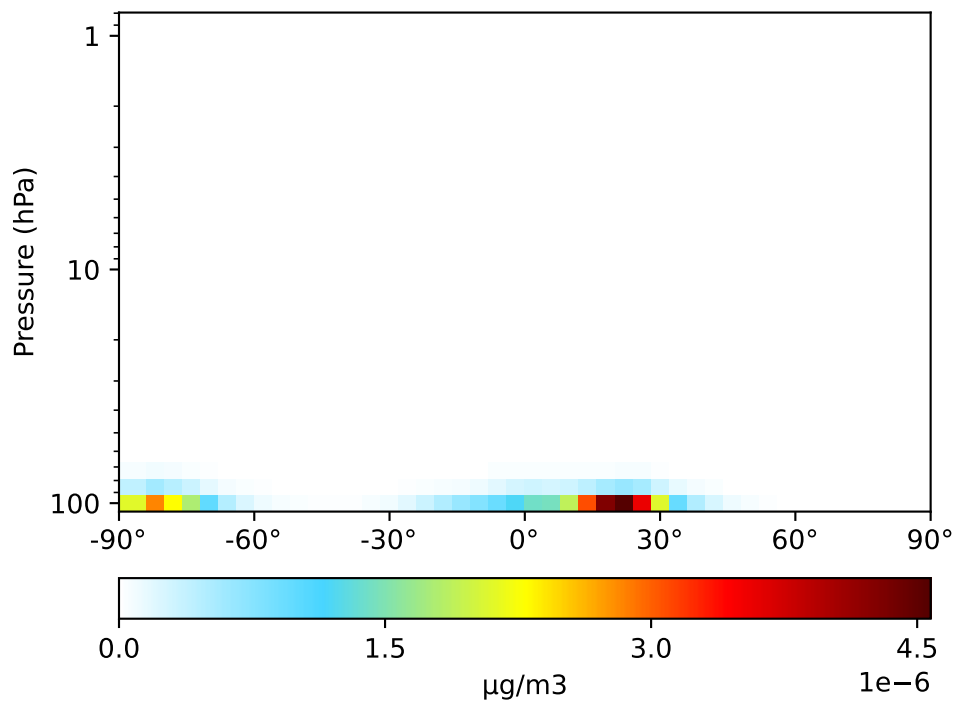


Ratio (1x1.25)
Dev/Ref, Fixed Range

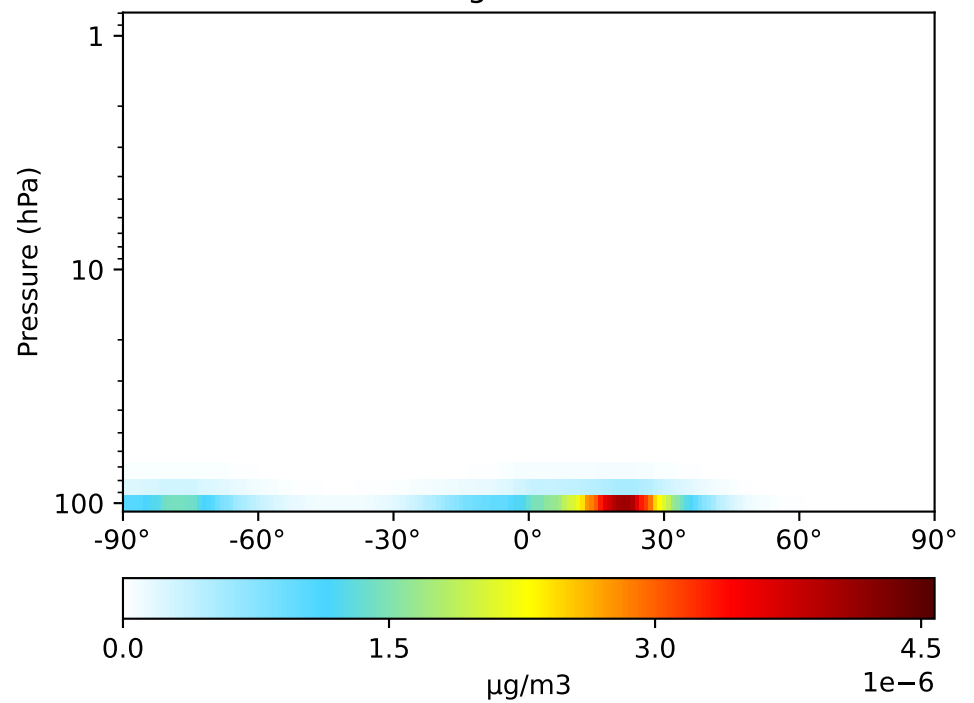


SpeciesConcVV_SALC, Zonal Mean

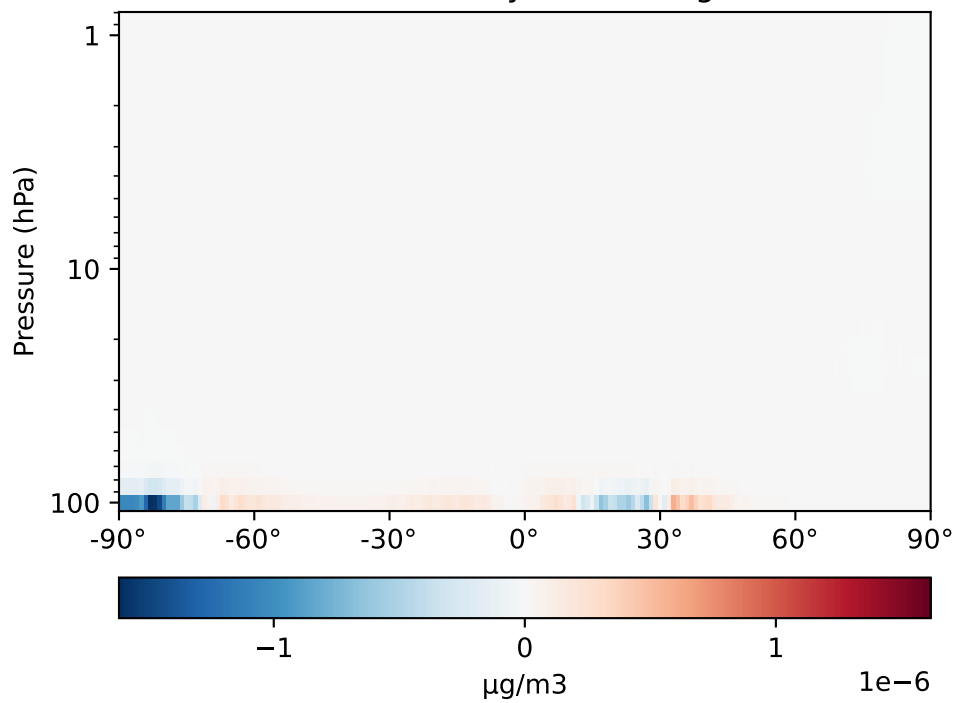
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



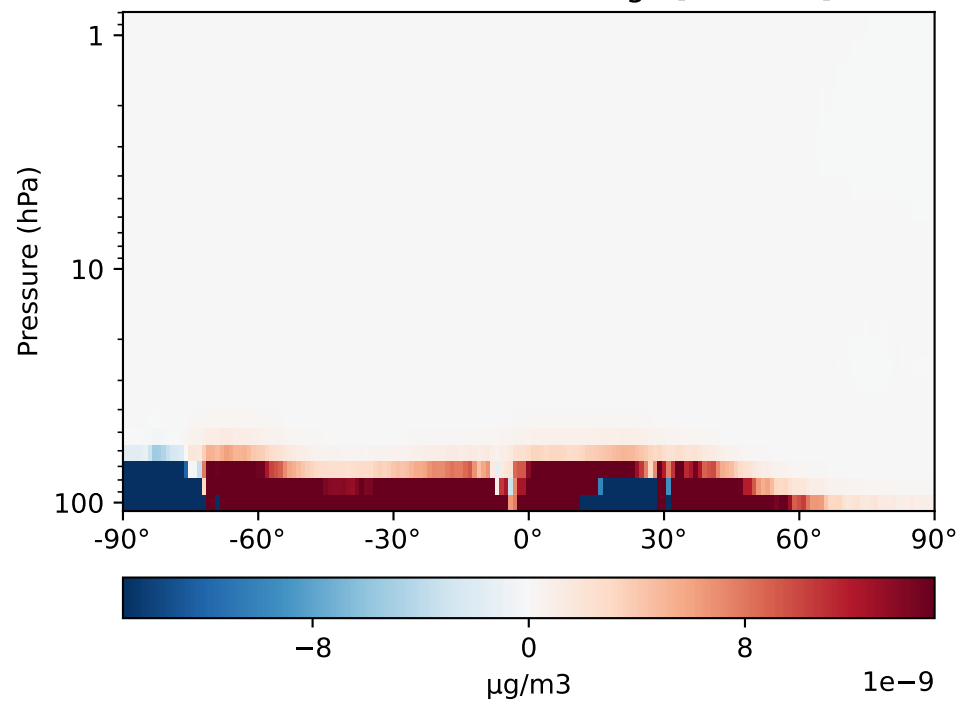
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



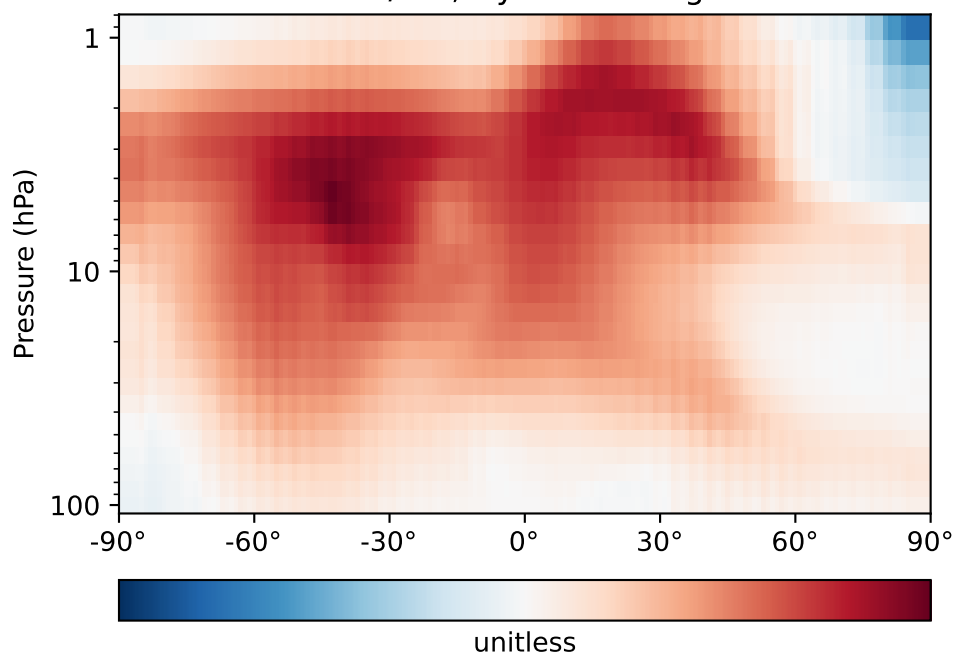
Difference (1x1.25)
Dev - Ref, Dynamic Range



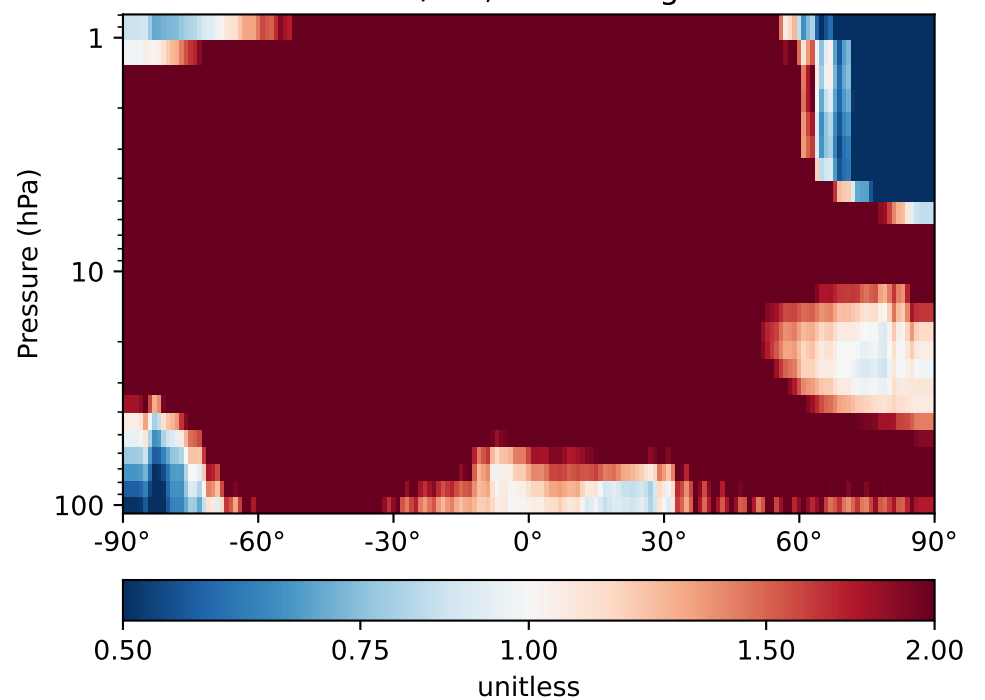
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

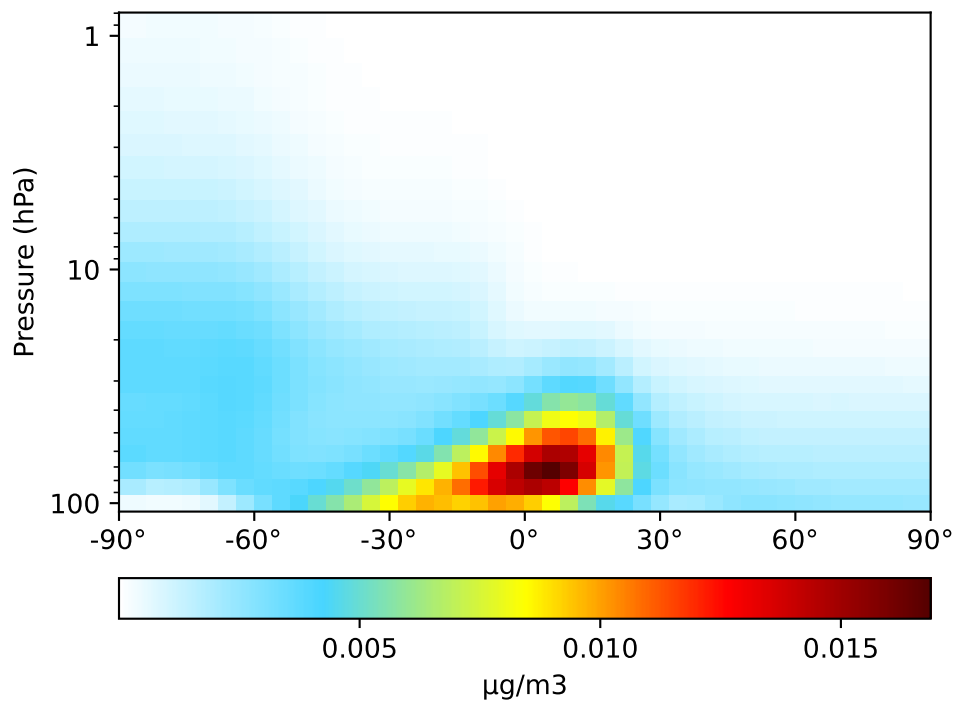


Ratio (1x1.25)
Dev/Ref, Fixed Range

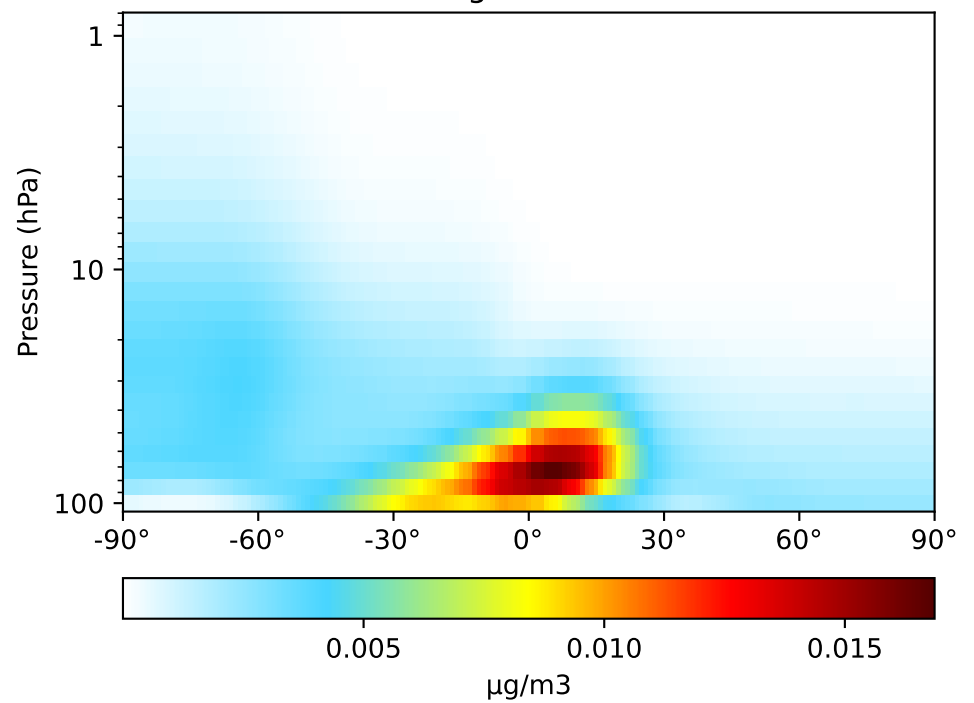


SpeciesConcVV_SALCAL, Zonal Mean

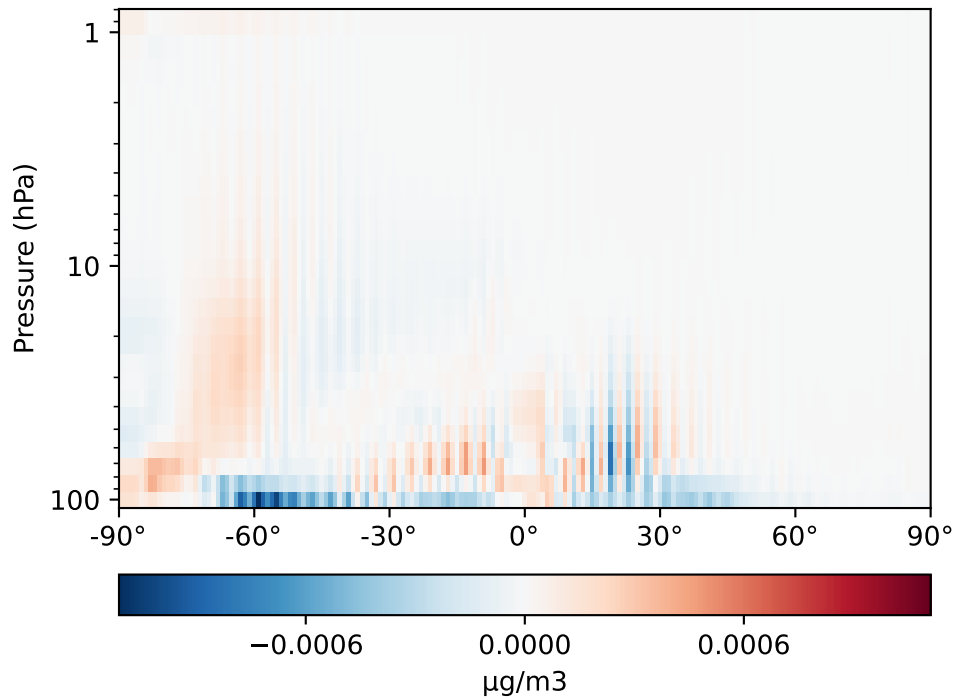
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



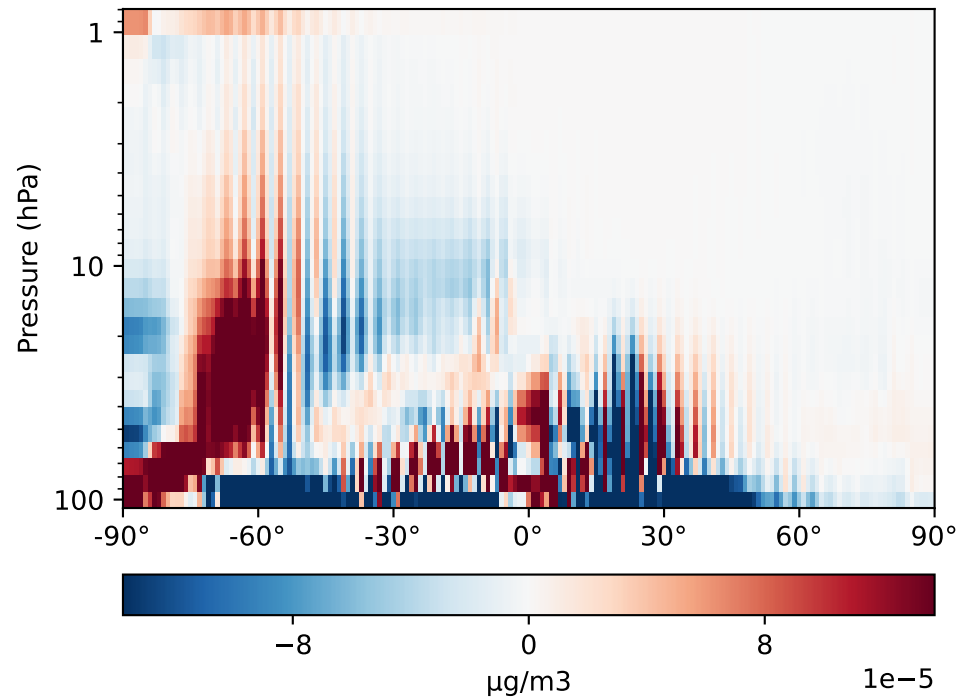
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



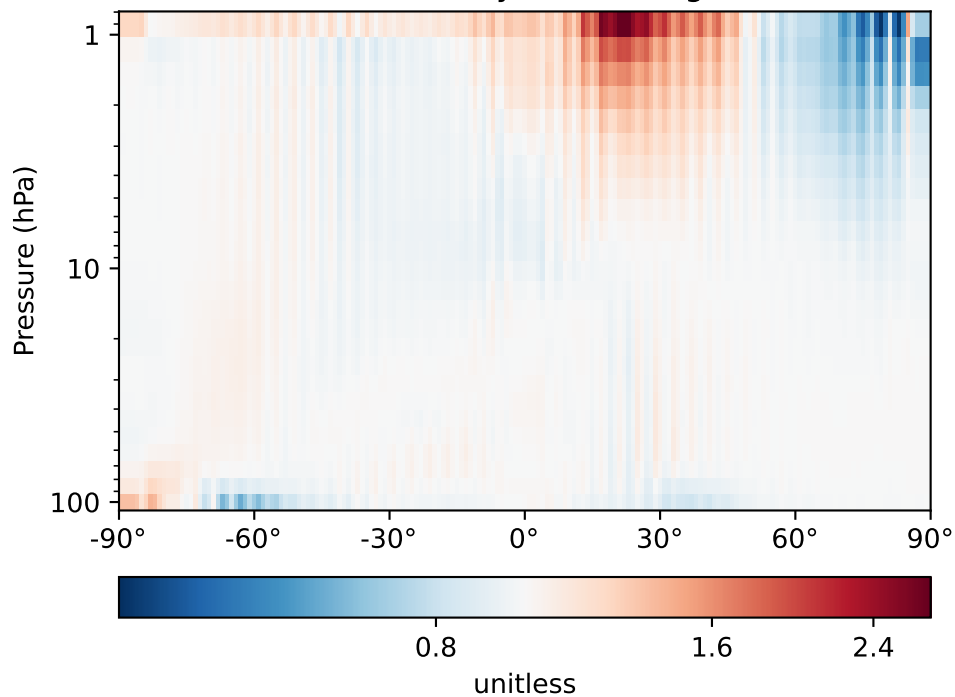
Difference (1x1.25)
Dev - Ref, Dynamic Range



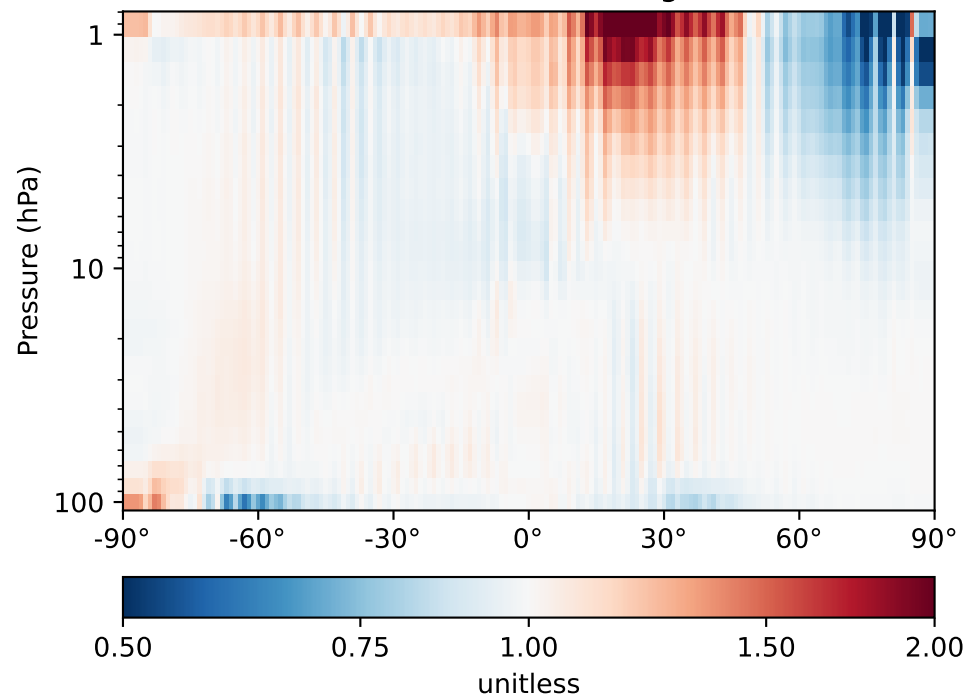
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

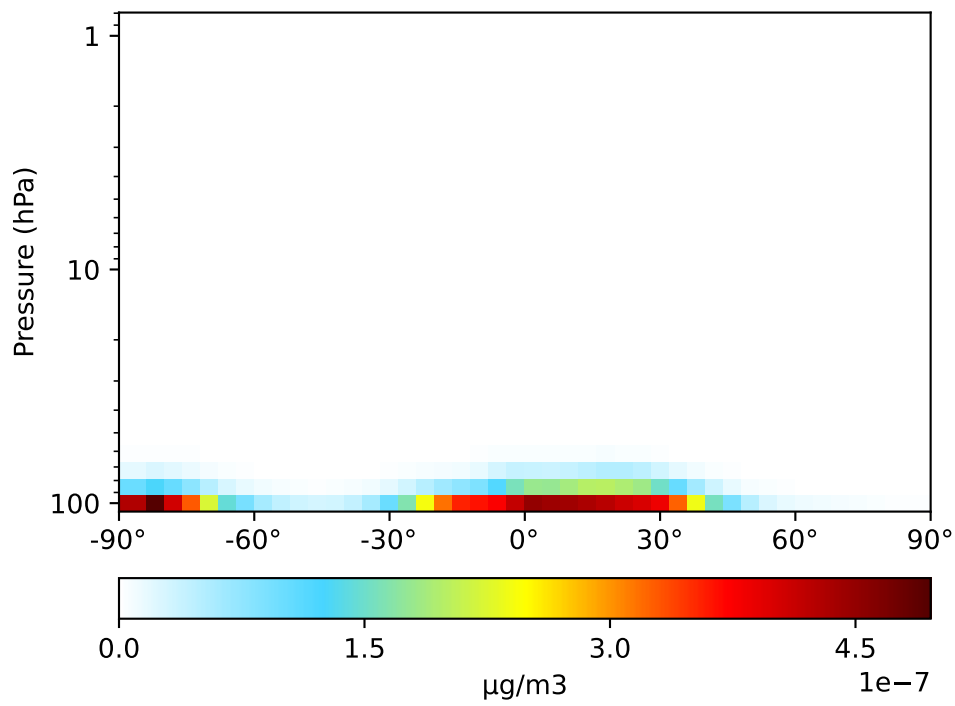


Ratio (1x1.25)
Dev/Ref, Fixed Range

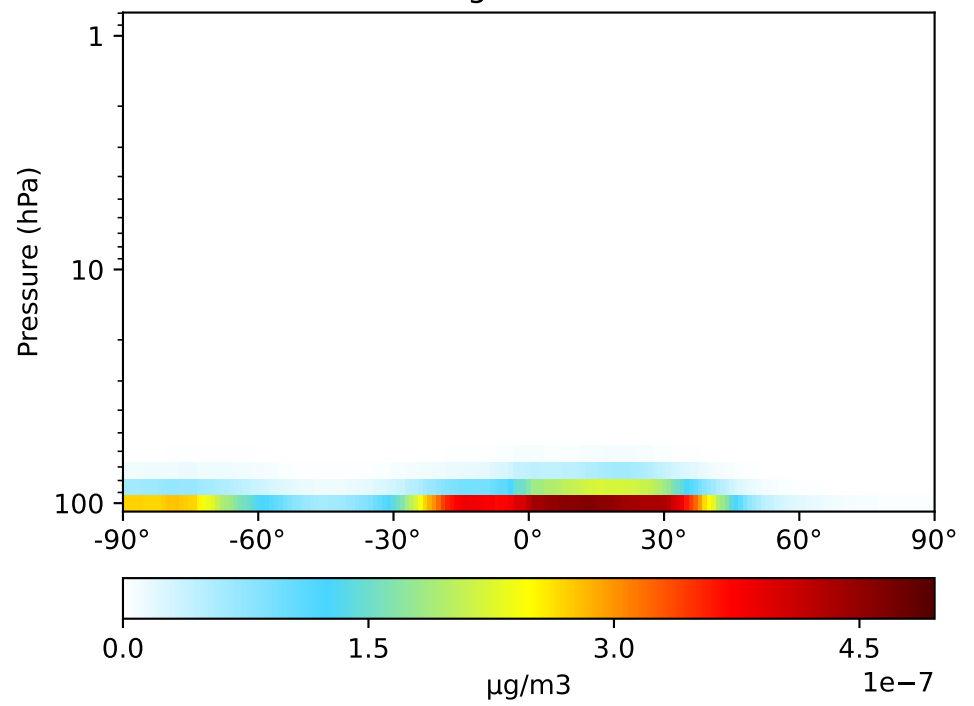


SpeciesConcVV_SALCCL, Zonal Mean

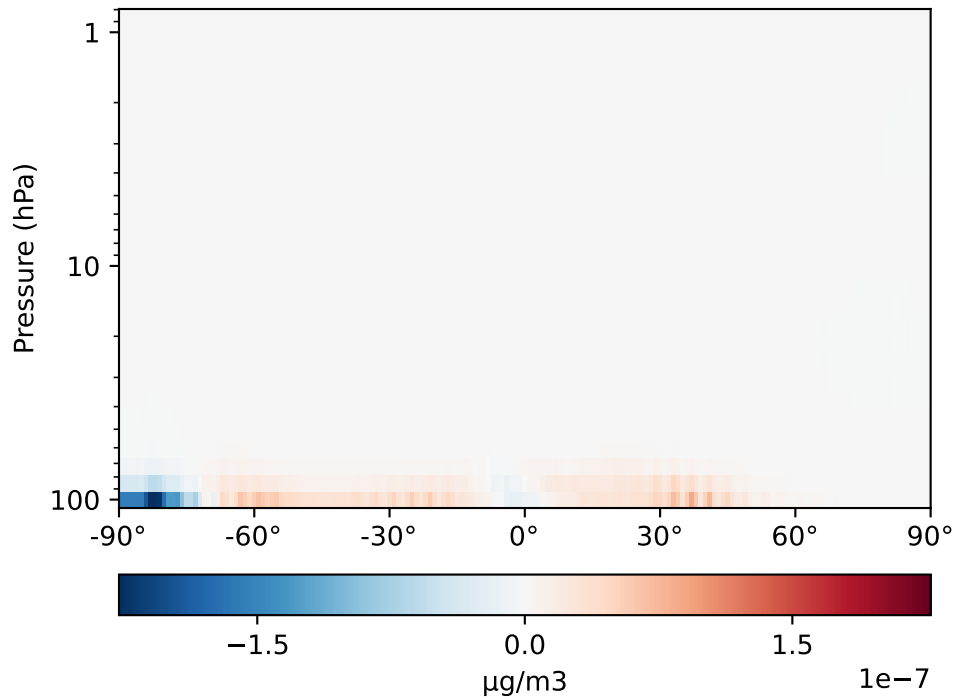
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



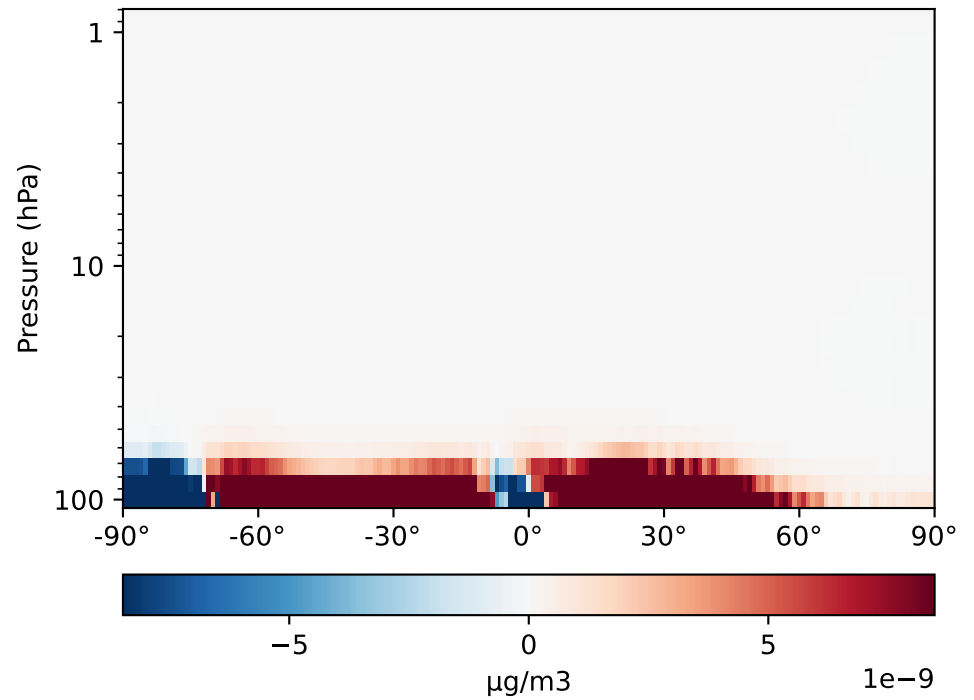
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



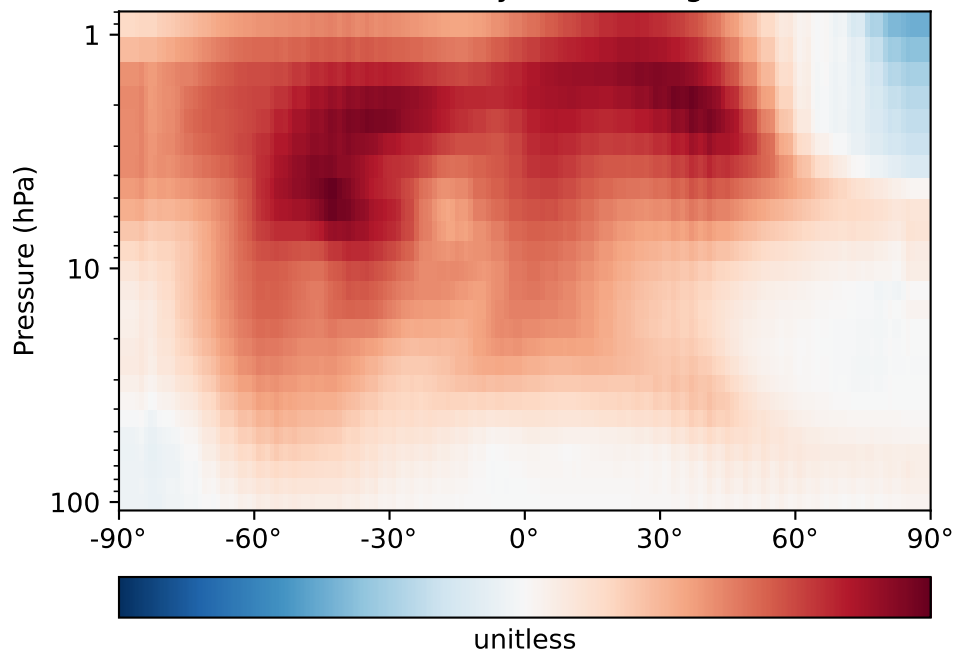
Difference (1x1.25)
Dev - Ref, Dynamic Range



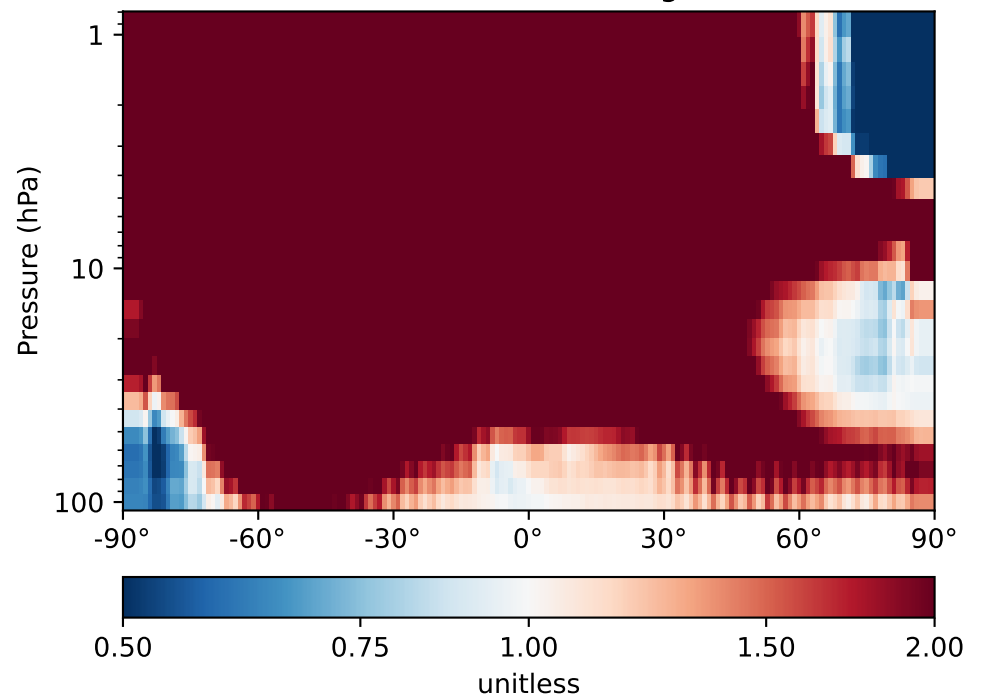
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

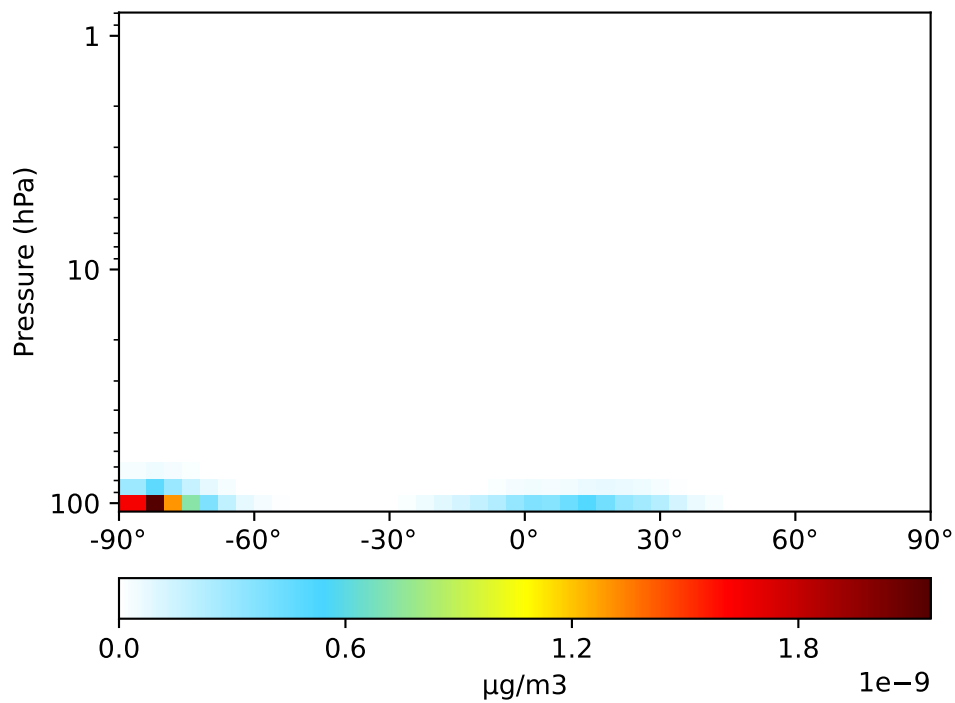


Ratio (1x1.25)
Dev/Ref, Fixed Range

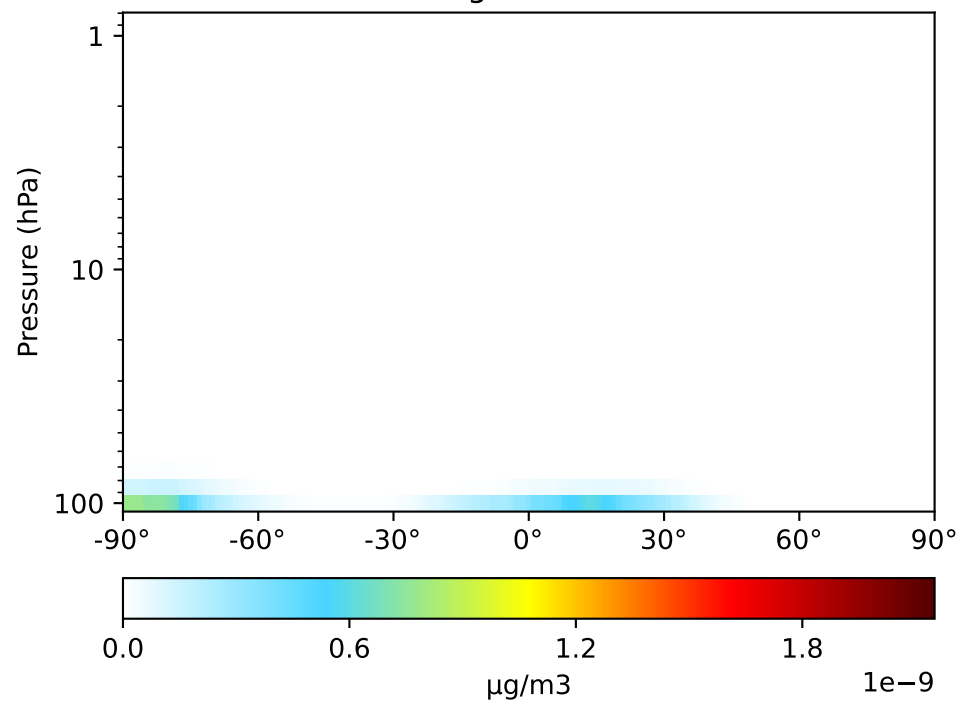


SpeciesConcVW_SO4s, Zonal Mean

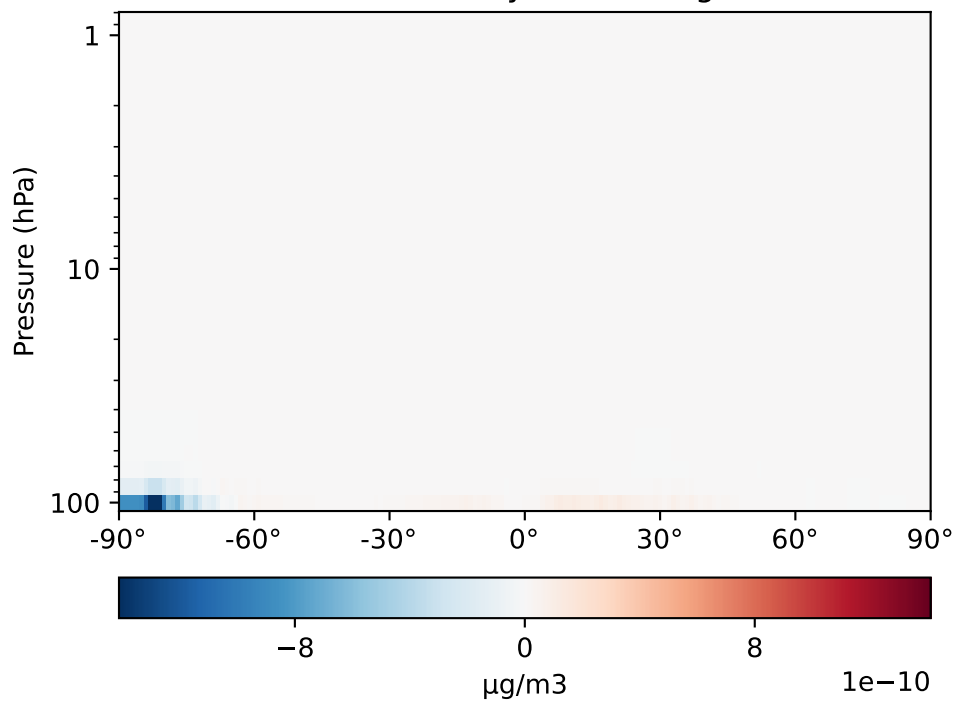
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



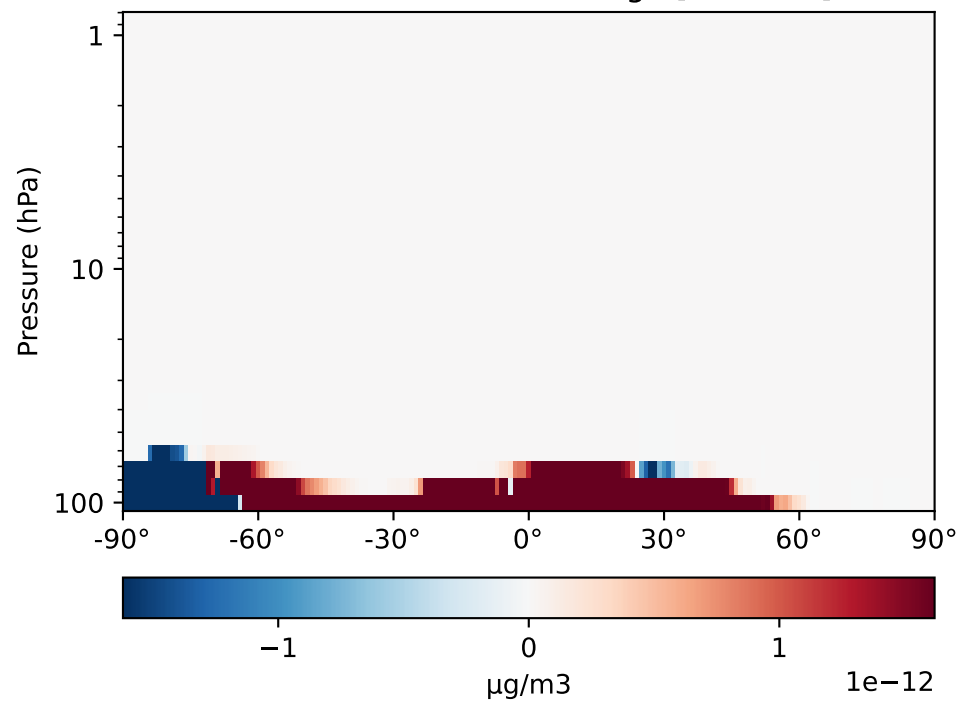
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



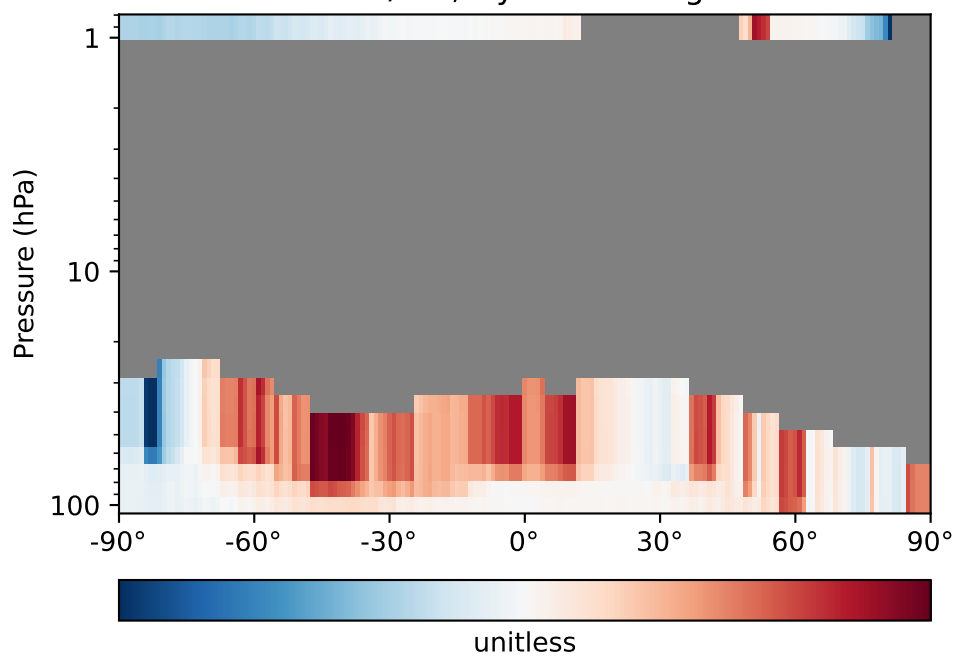
Difference (1x1.25)
Dev - Ref, Dynamic Range



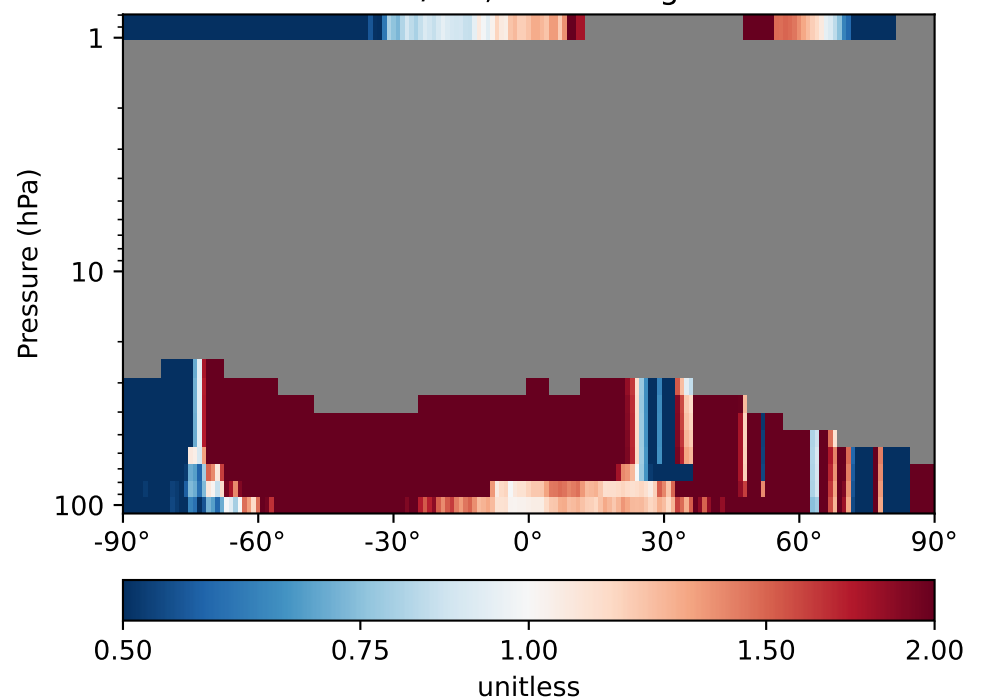
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

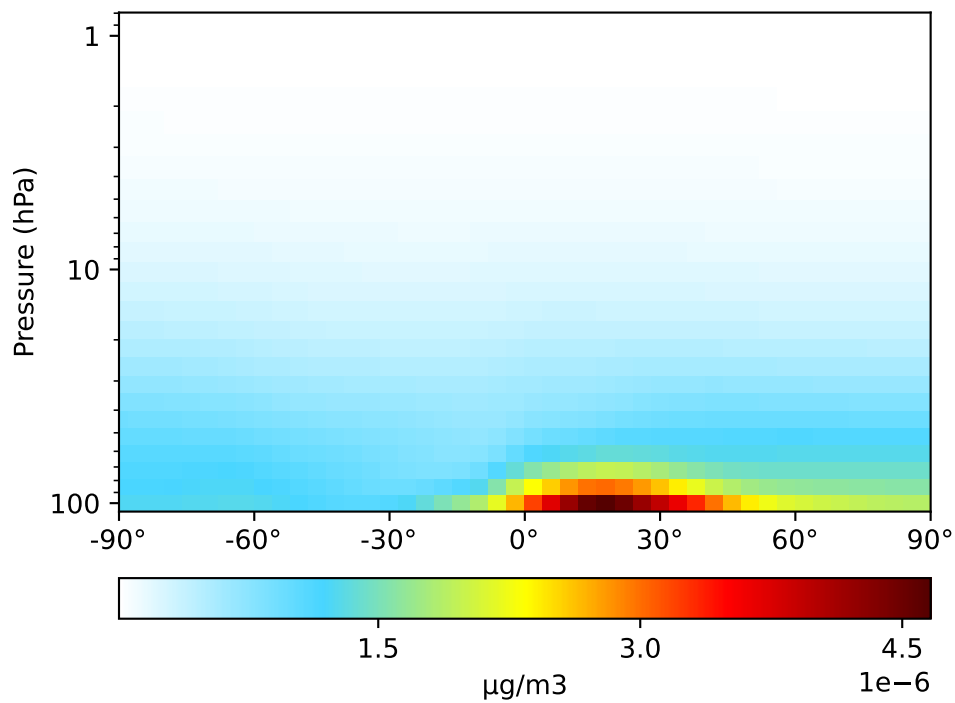


Ratio (1x1.25)
Dev/Ref, Fixed Range

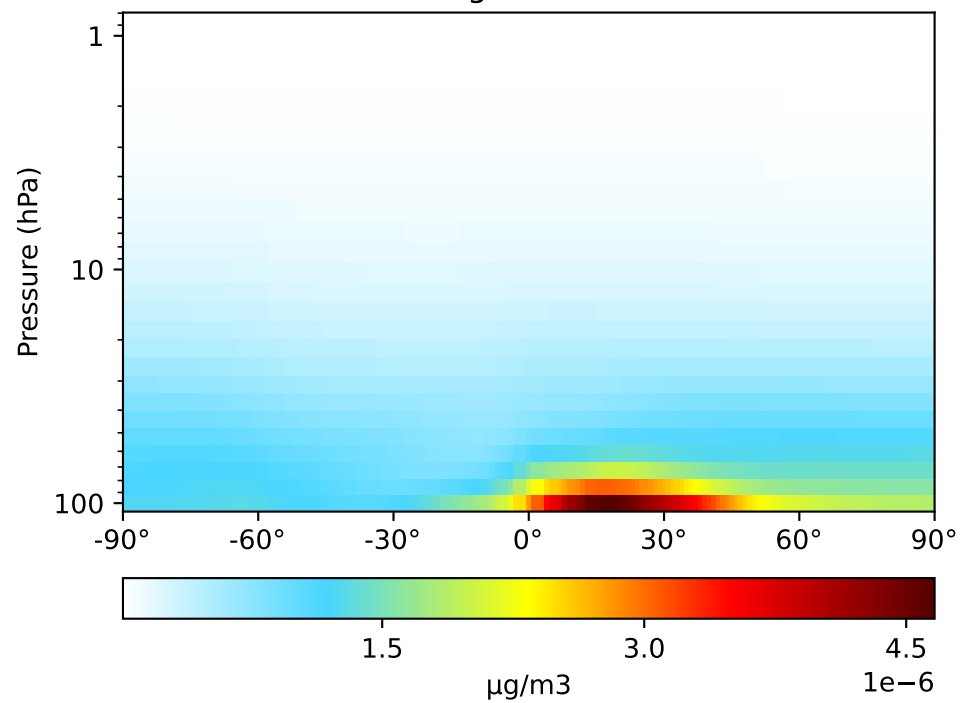


SpeciesConcVV_pFe, Zonal Mean

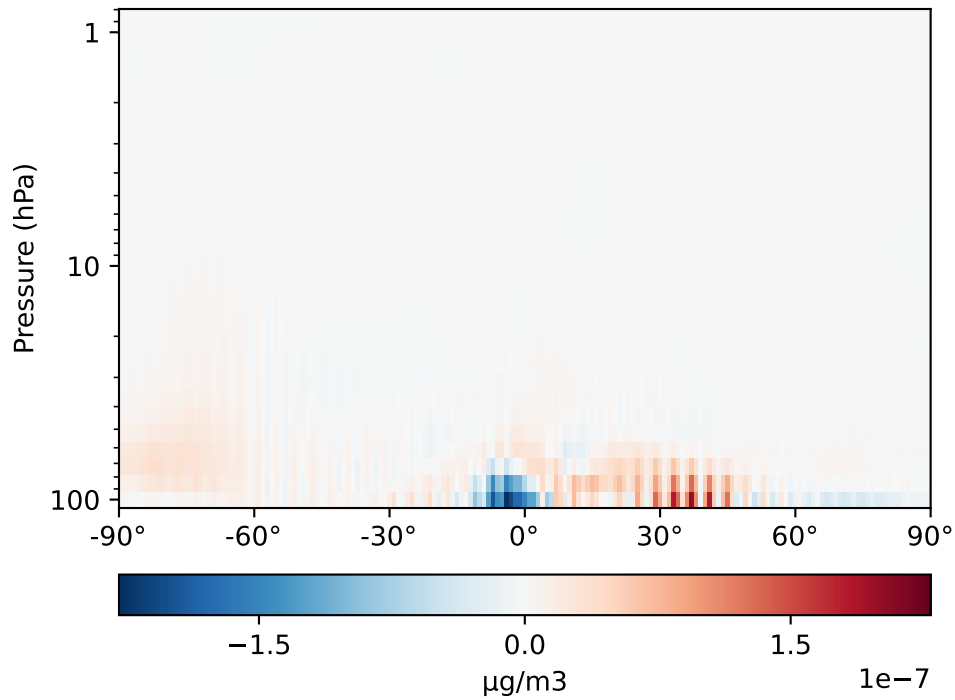
GCC_14.2.0_GEOS-FP (Ref)
4.0x5.0



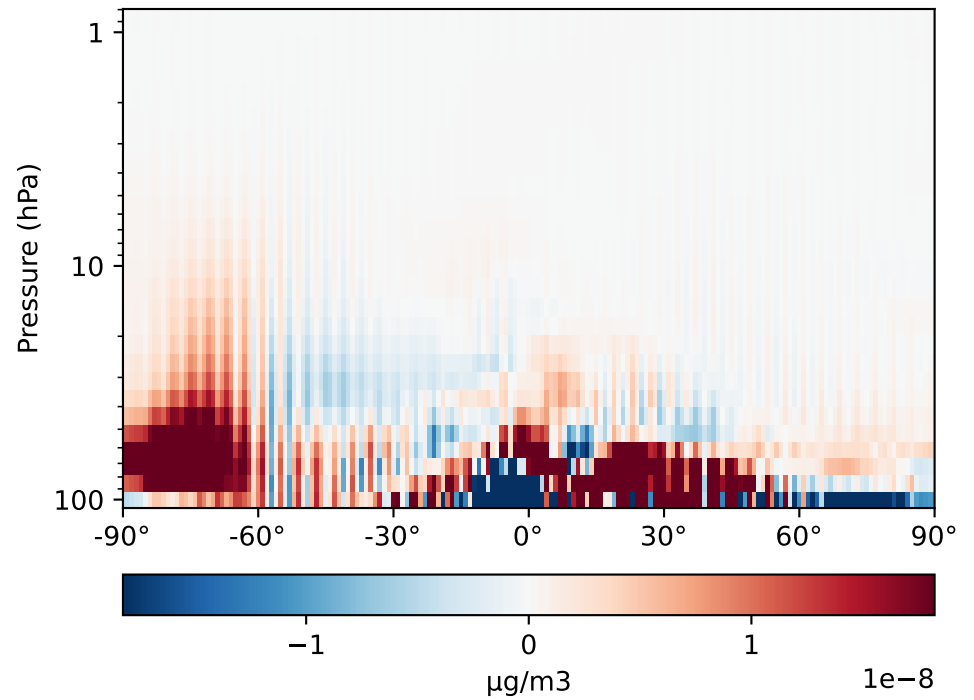
GCHP_14.2.0_GEOS-FP (Dev)
1x1.25 regrided from c24



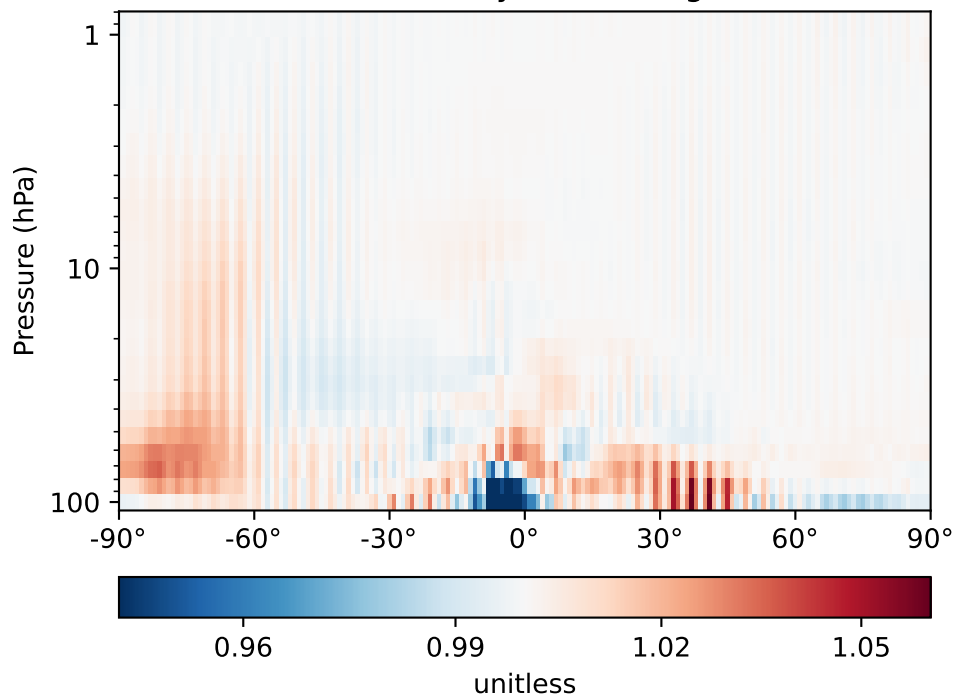
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

