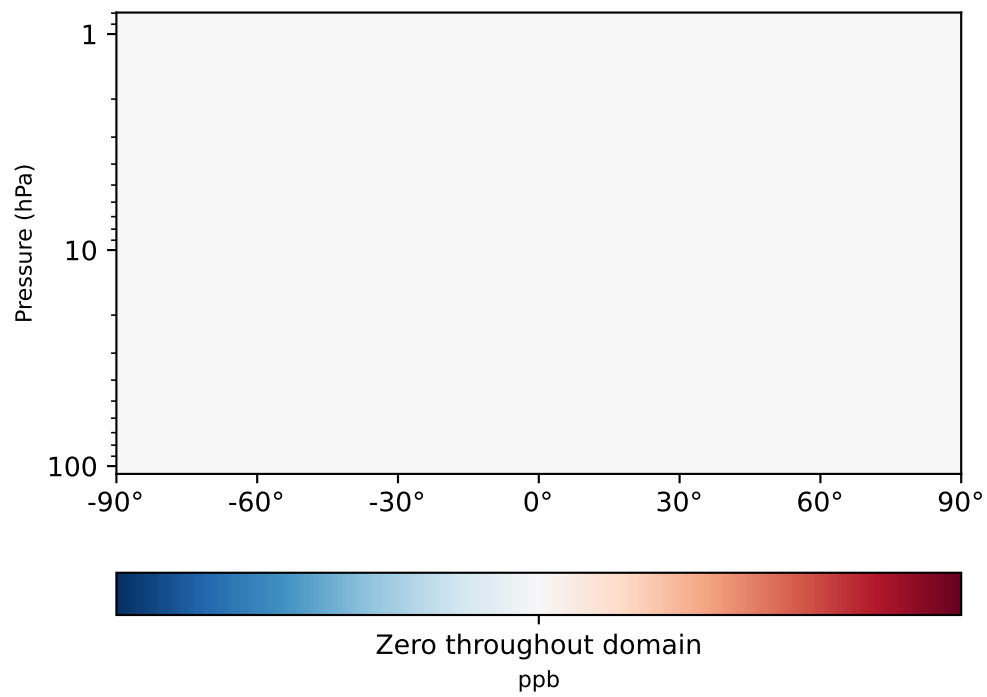
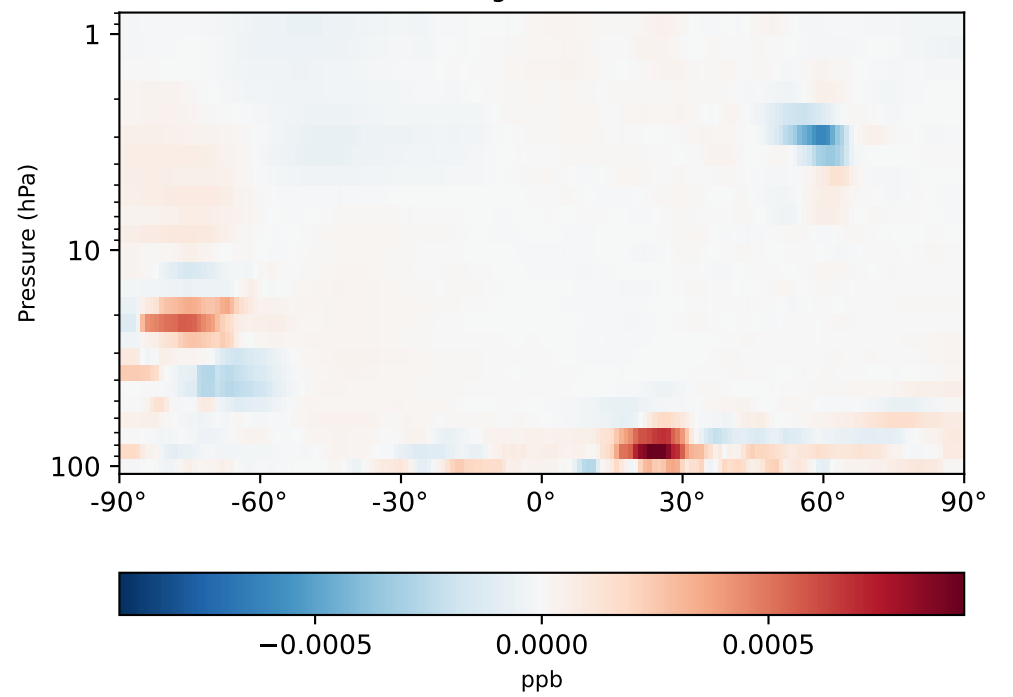


SpeciesConcVW_NOy, Zonal Mean

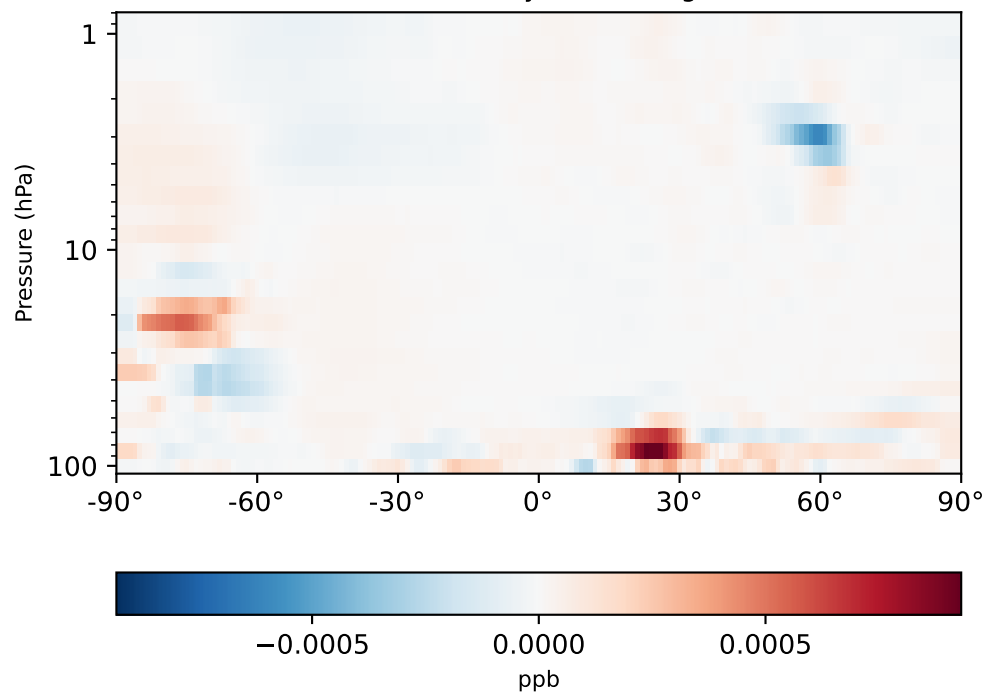
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



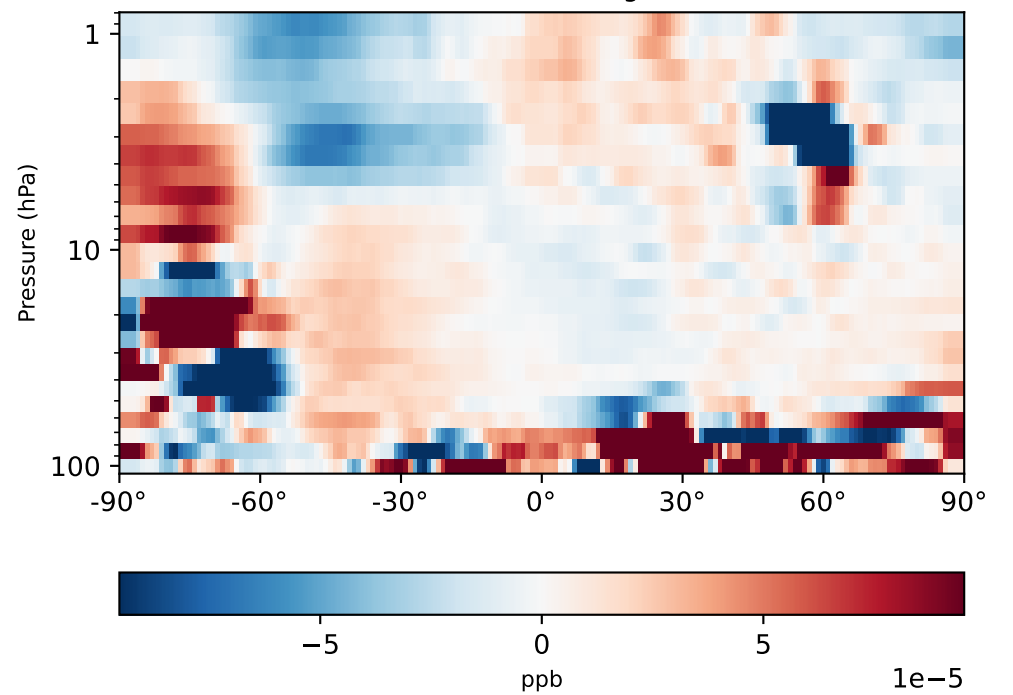
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



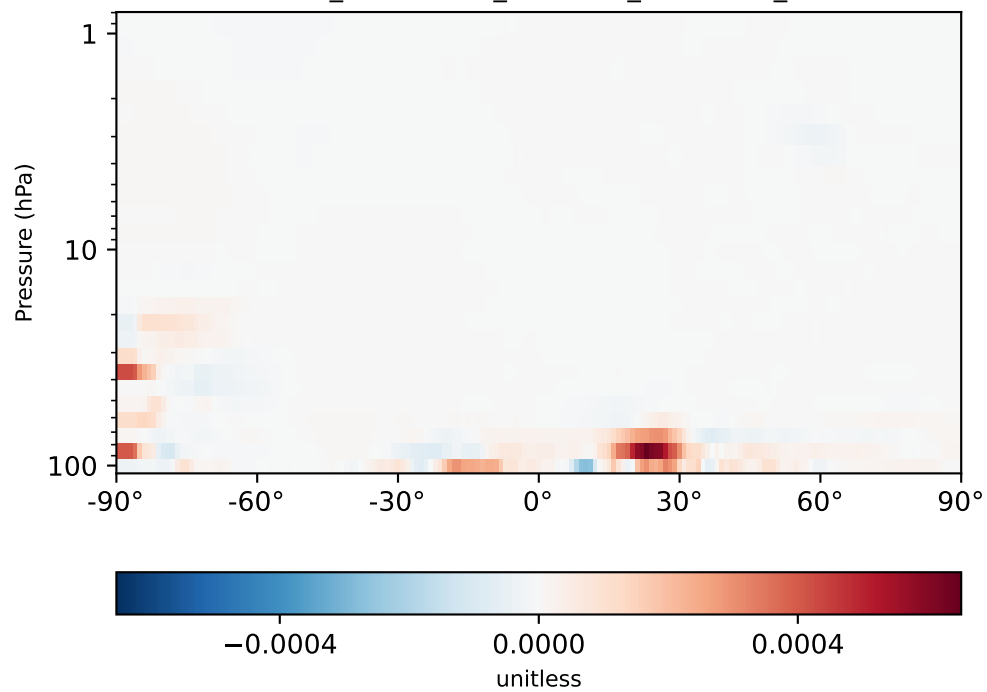
Difference (1x1.25)
Dev - Ref, Dynamic Range



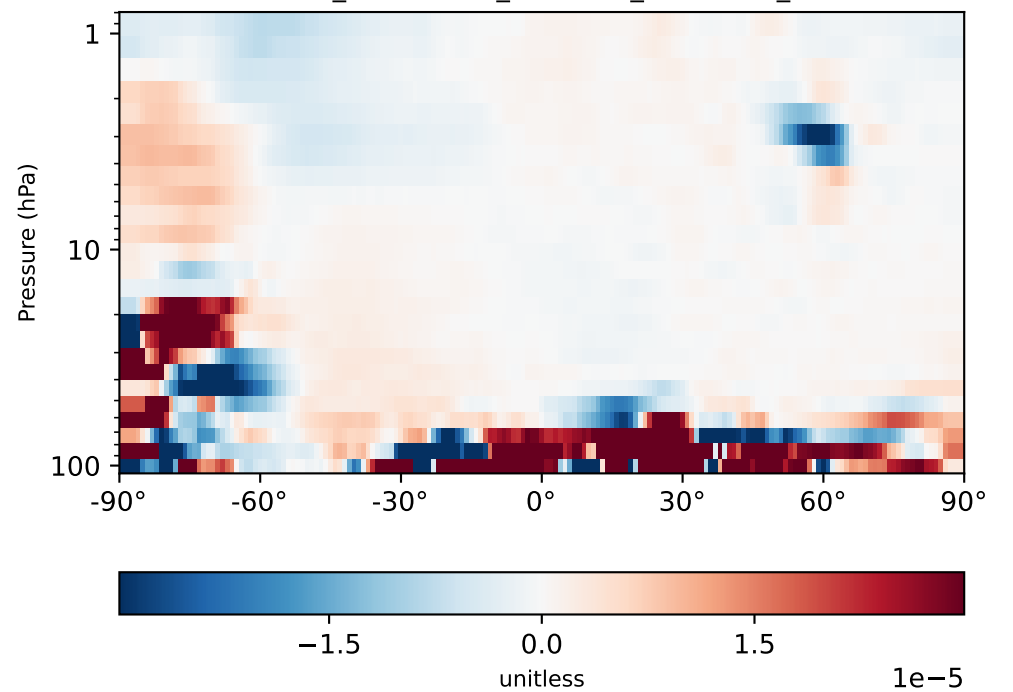
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

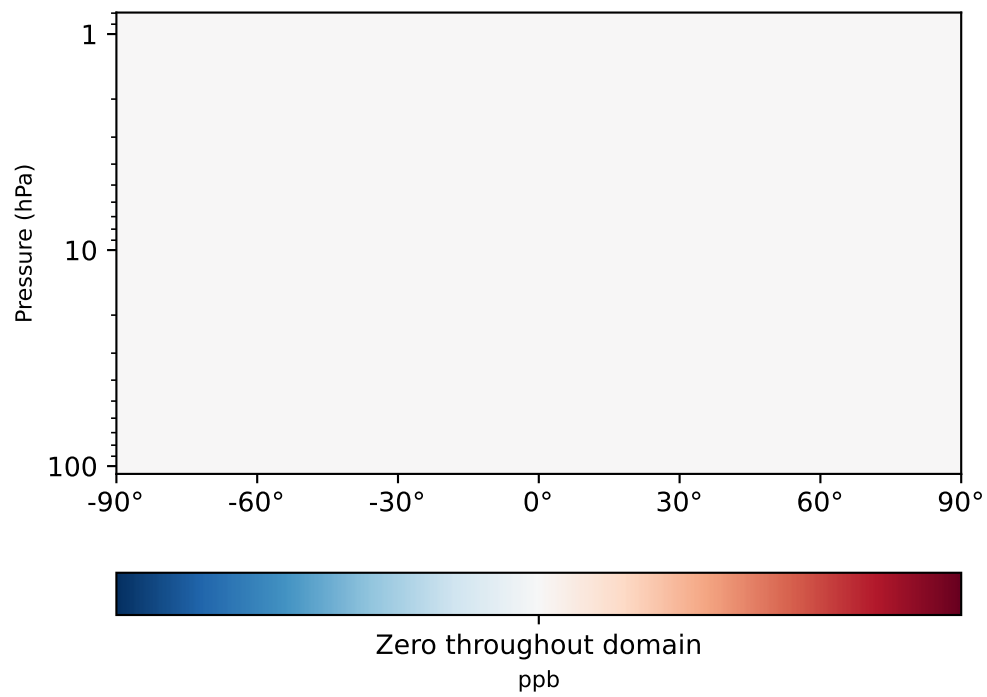


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

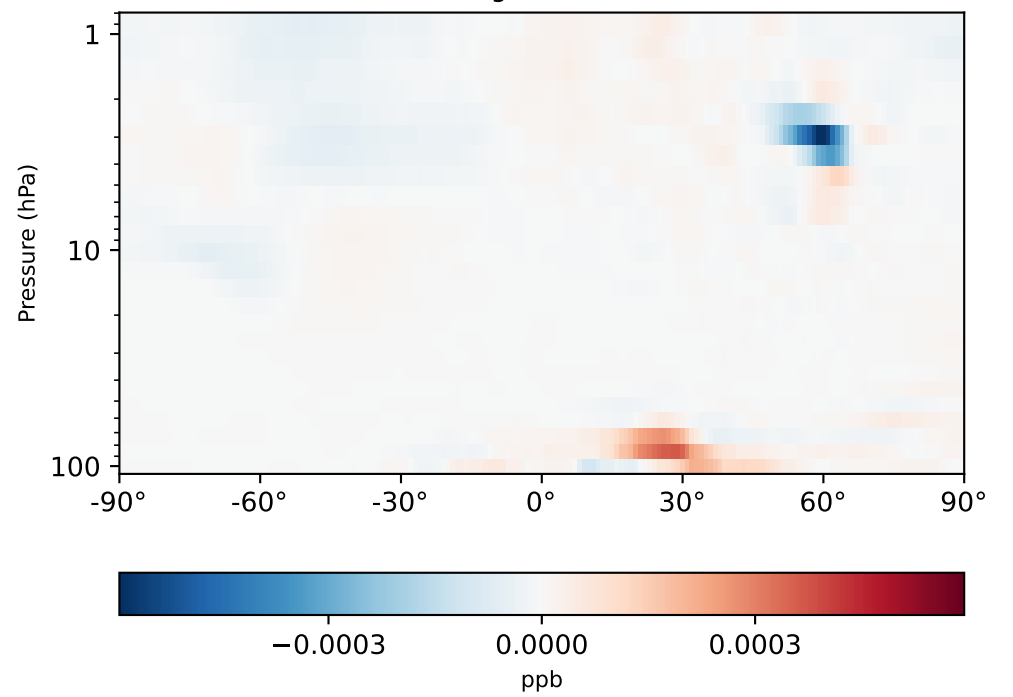


SpeciesConcVW_NOx, Zonal Mean

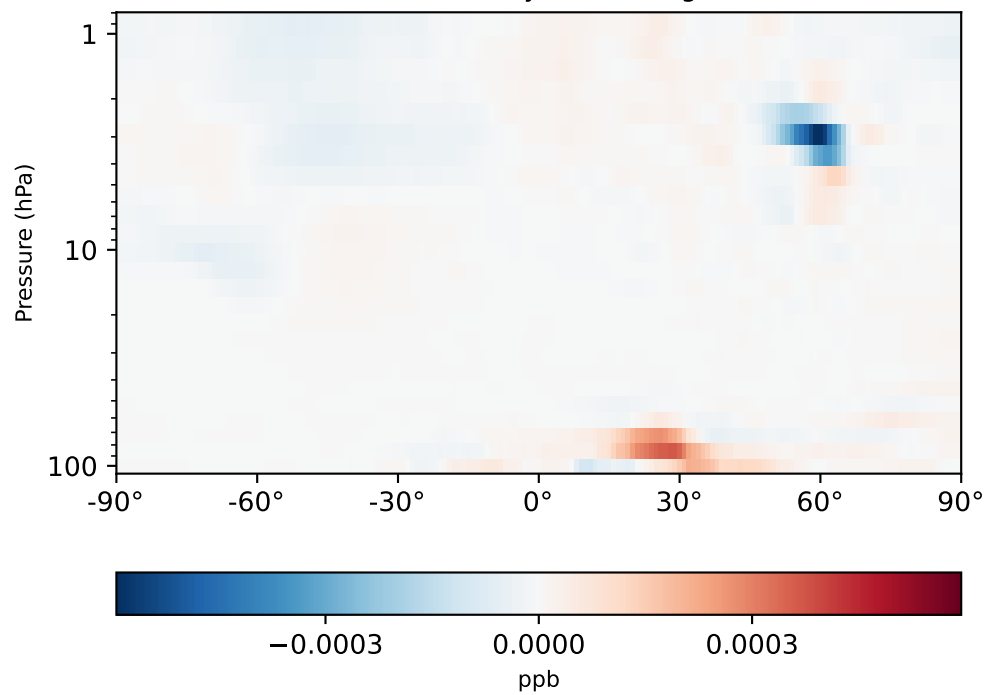
gcc-4x5-1Mon-14.6.3 - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



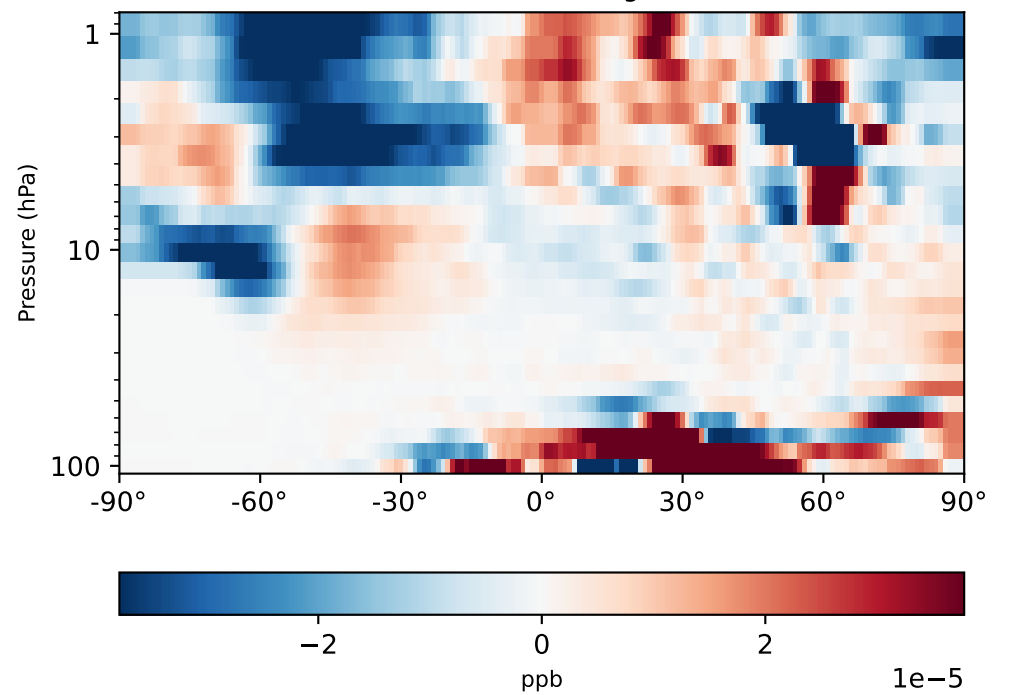
gchp-c24-1Mon-14.6.3 - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



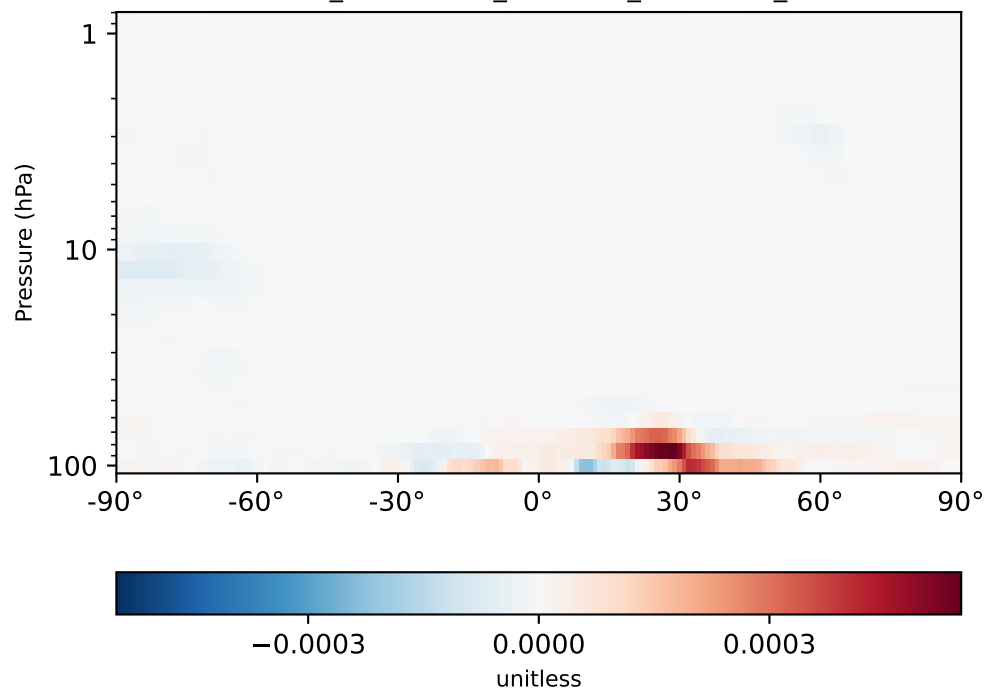
Difference (1x1.25)
Dev - Ref, Dynamic Range



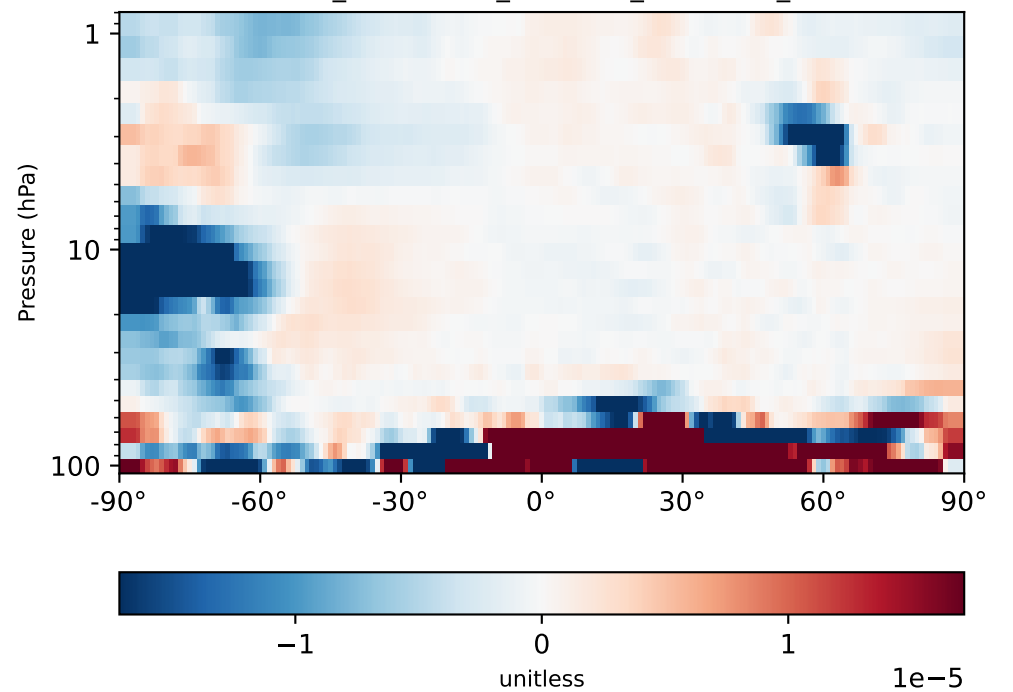
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



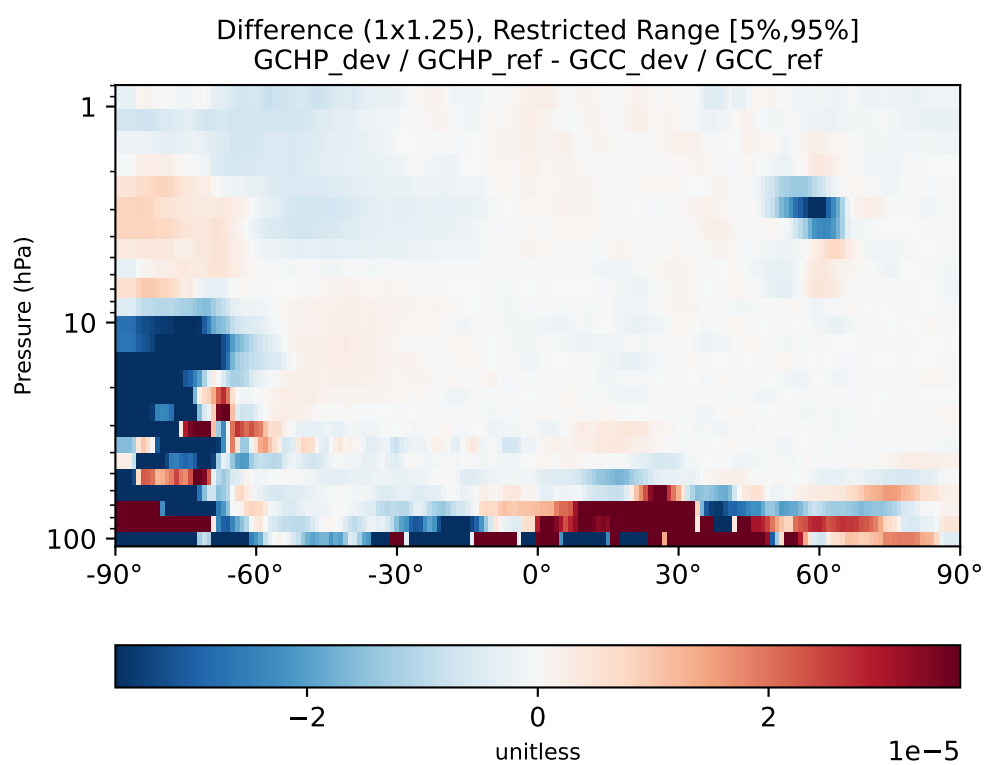
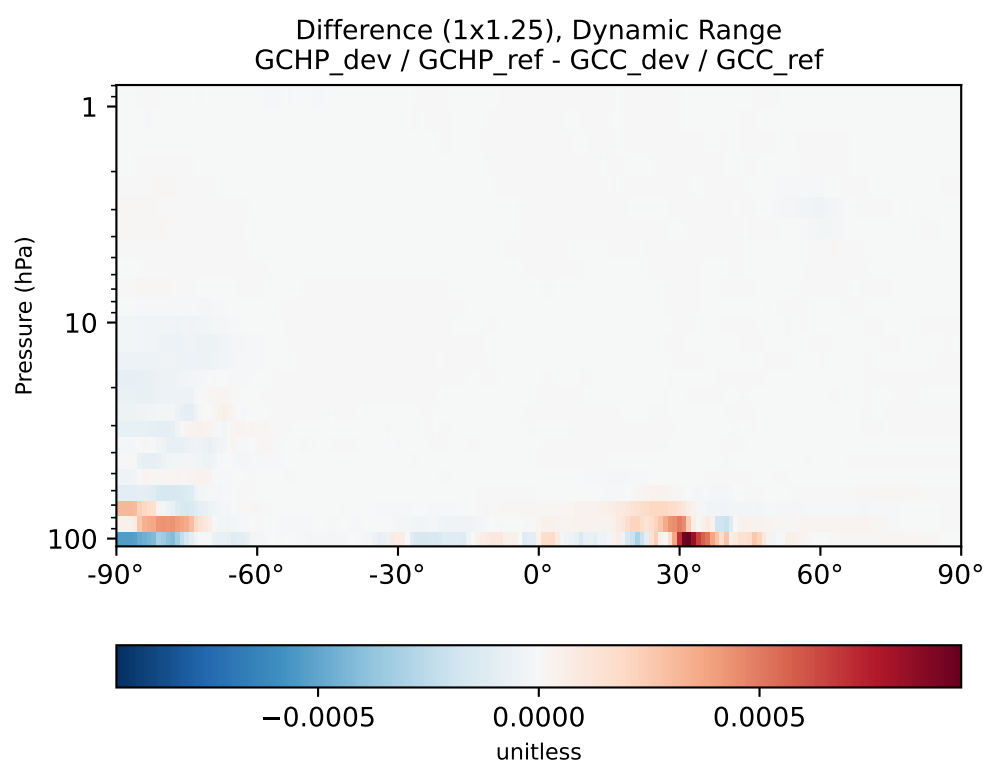
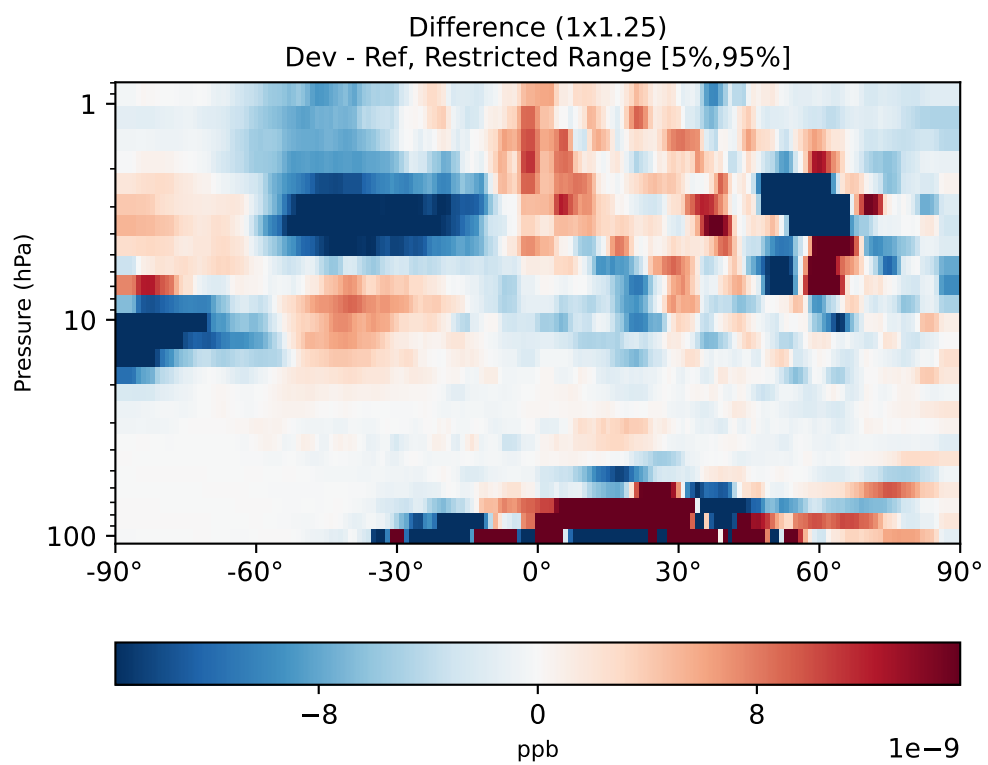
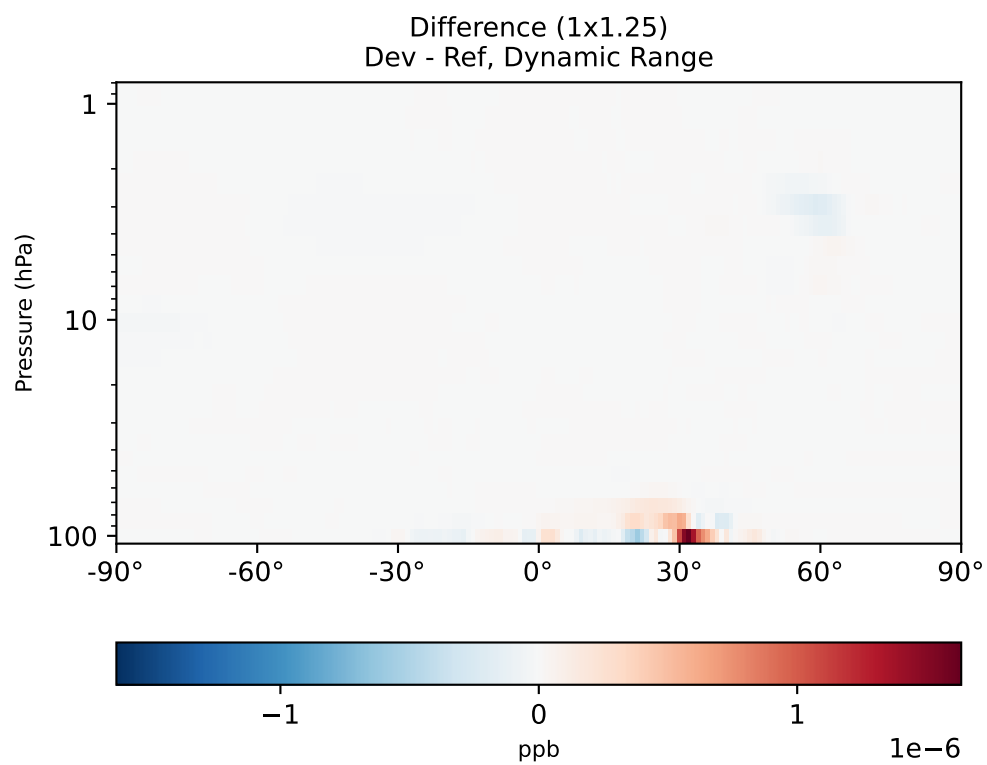
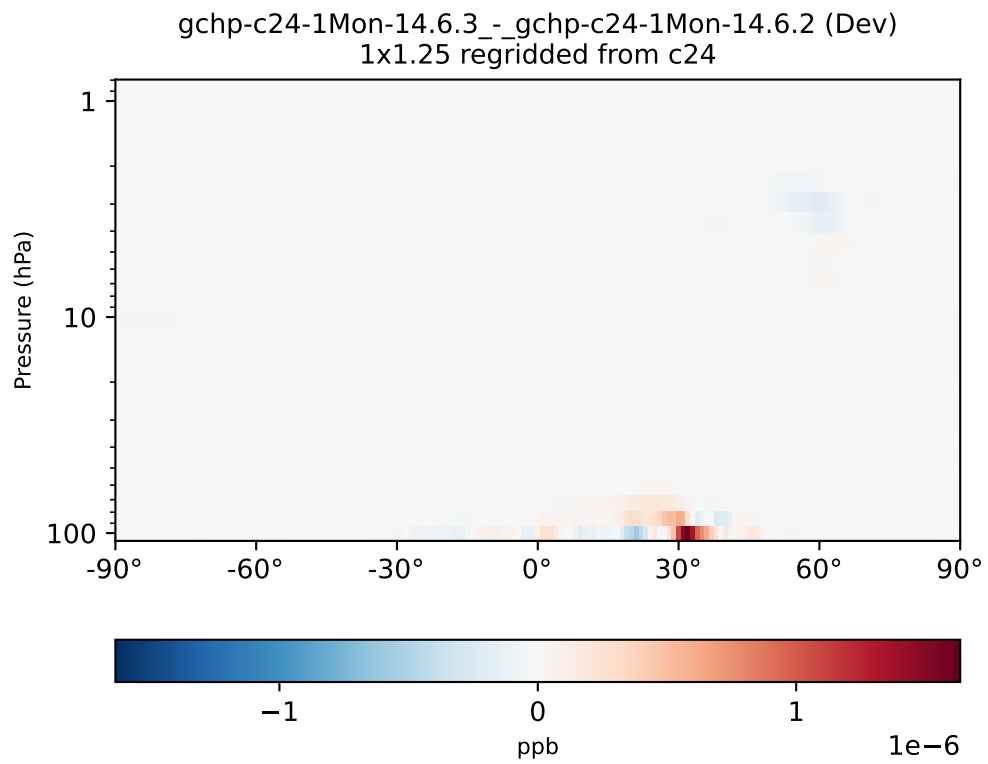
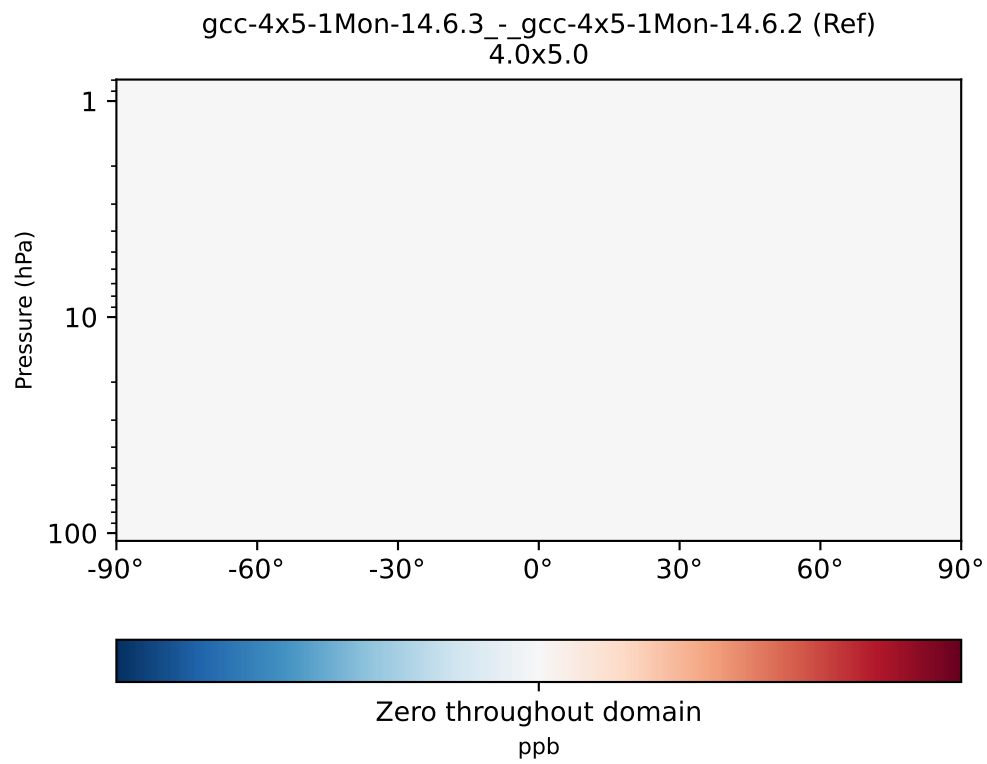
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



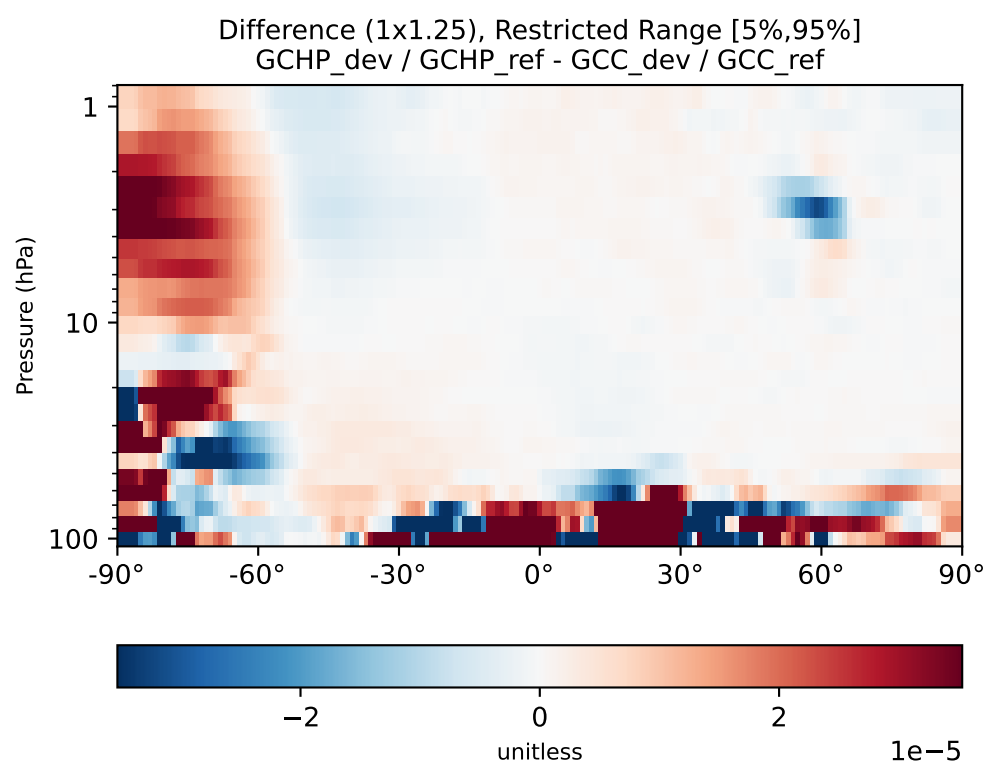
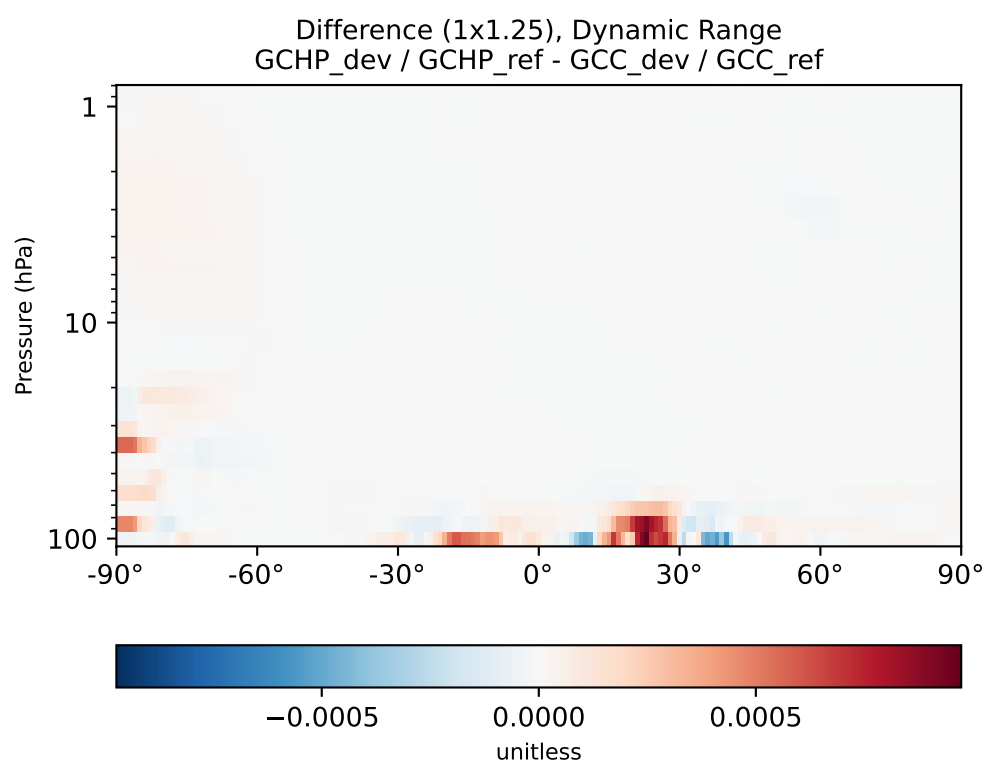
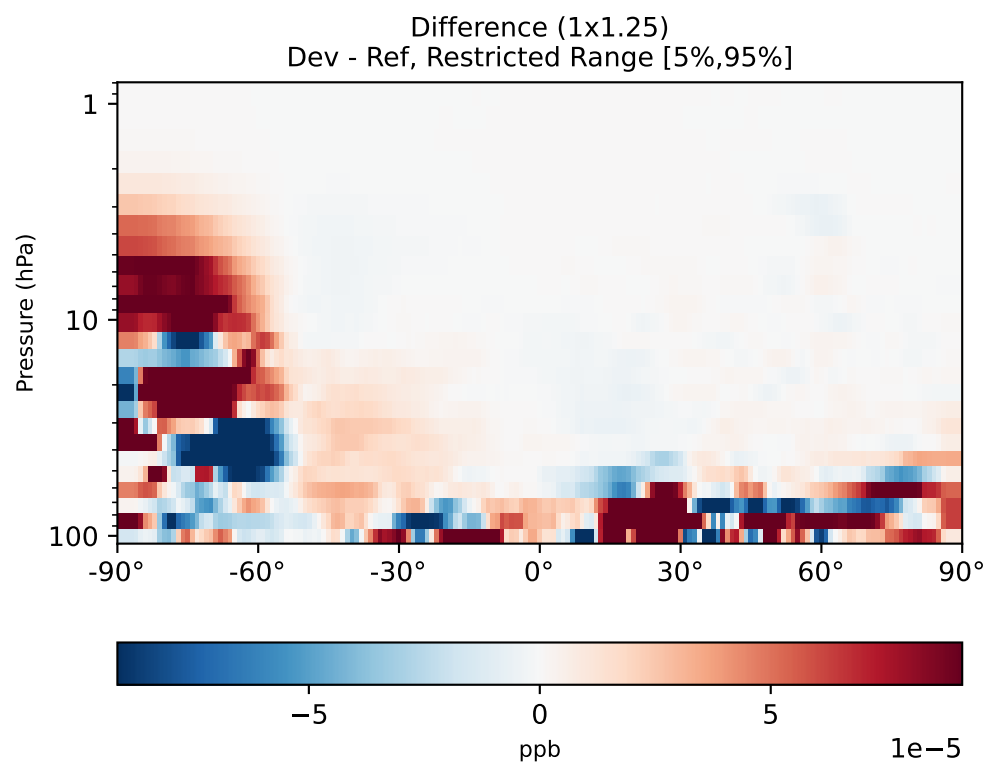
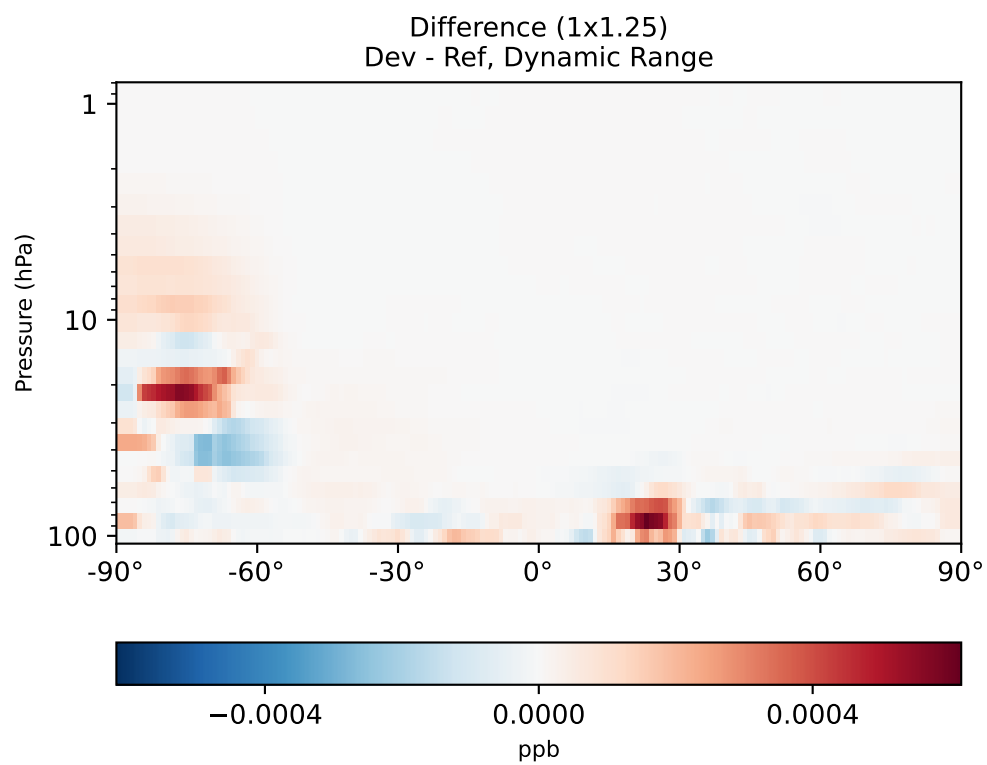
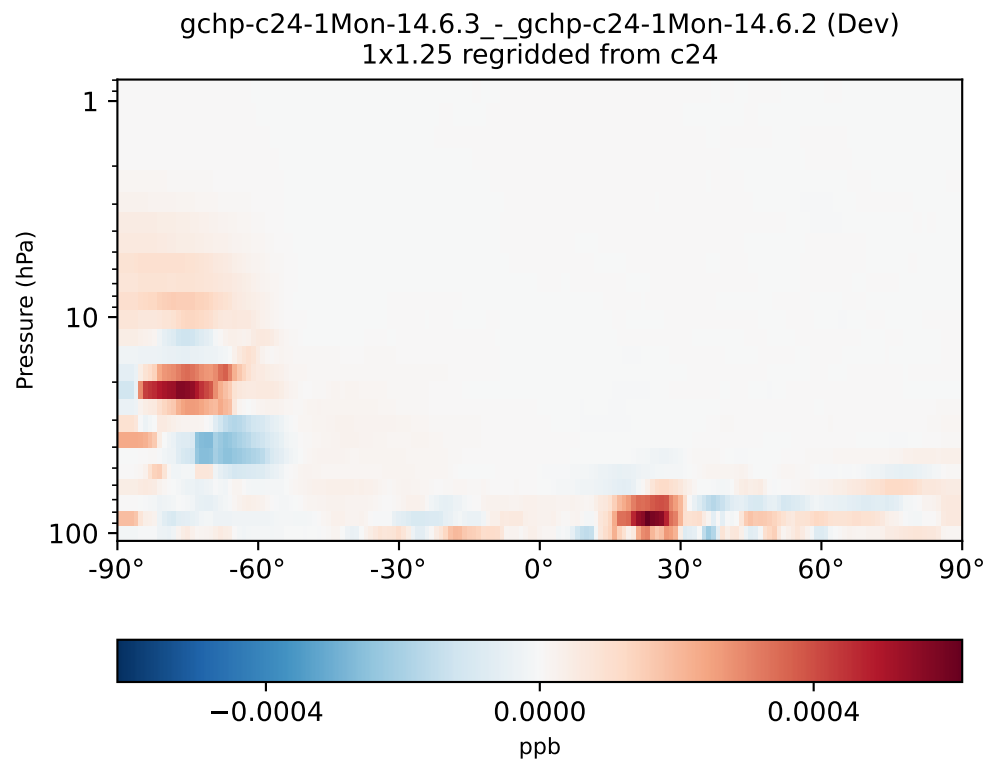
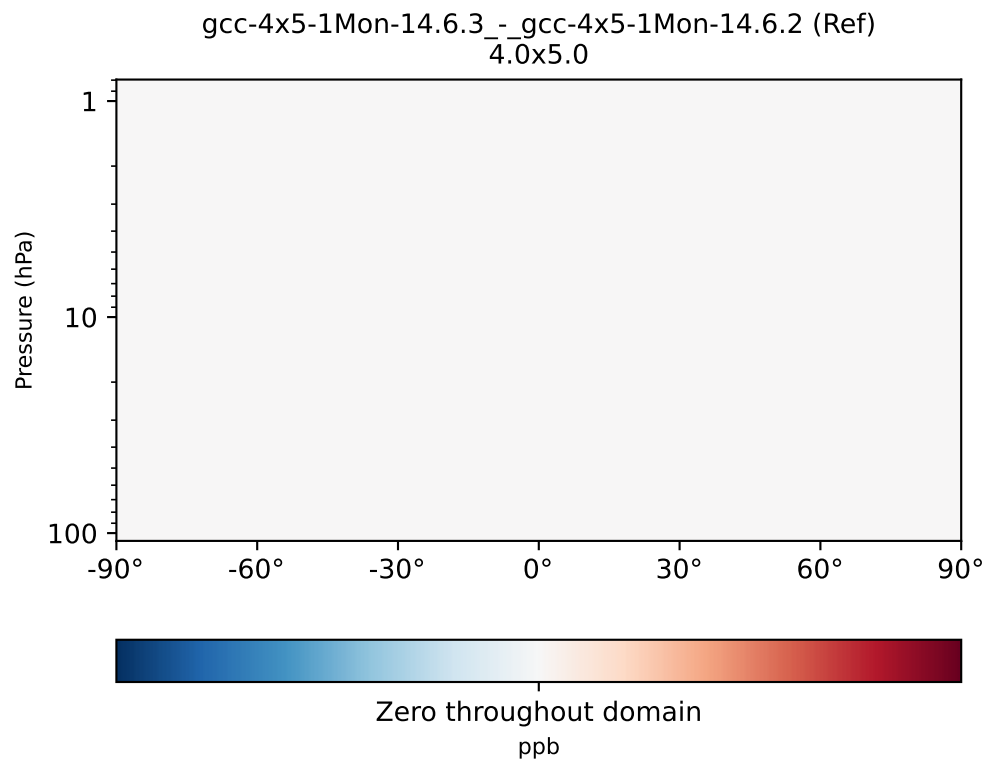
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



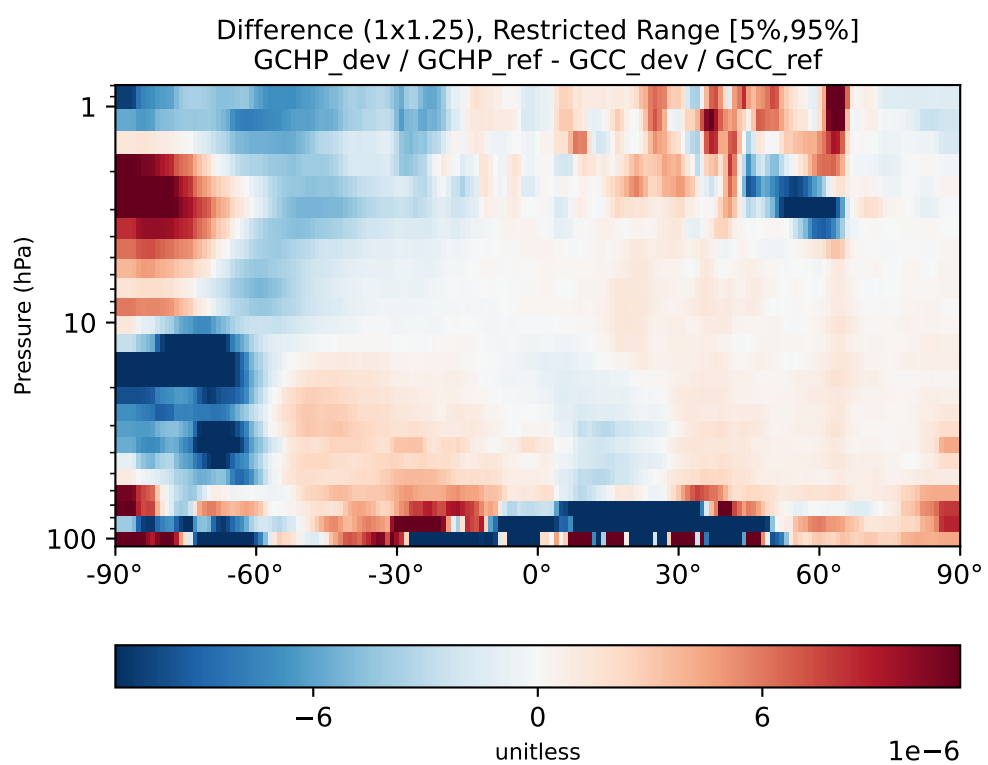
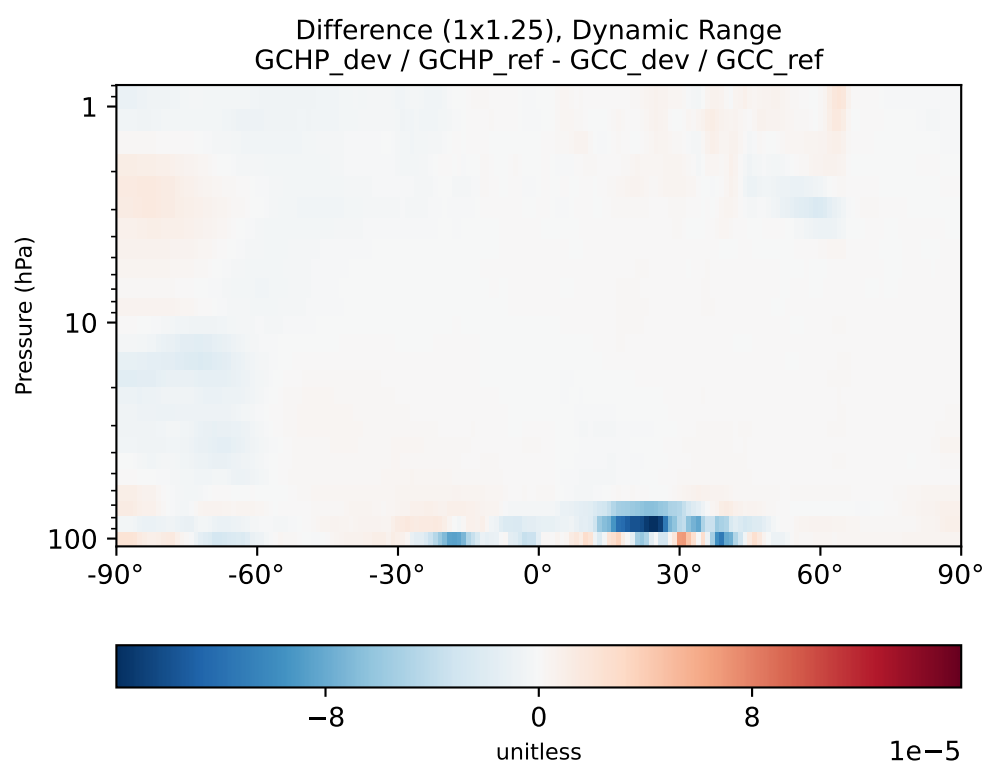
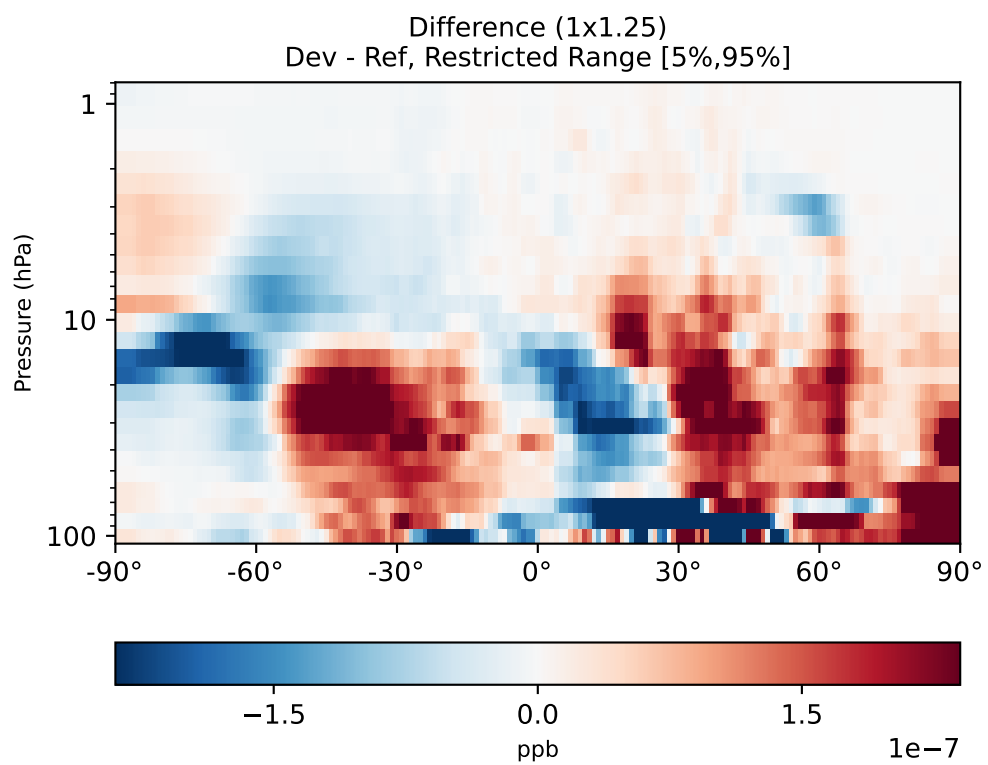
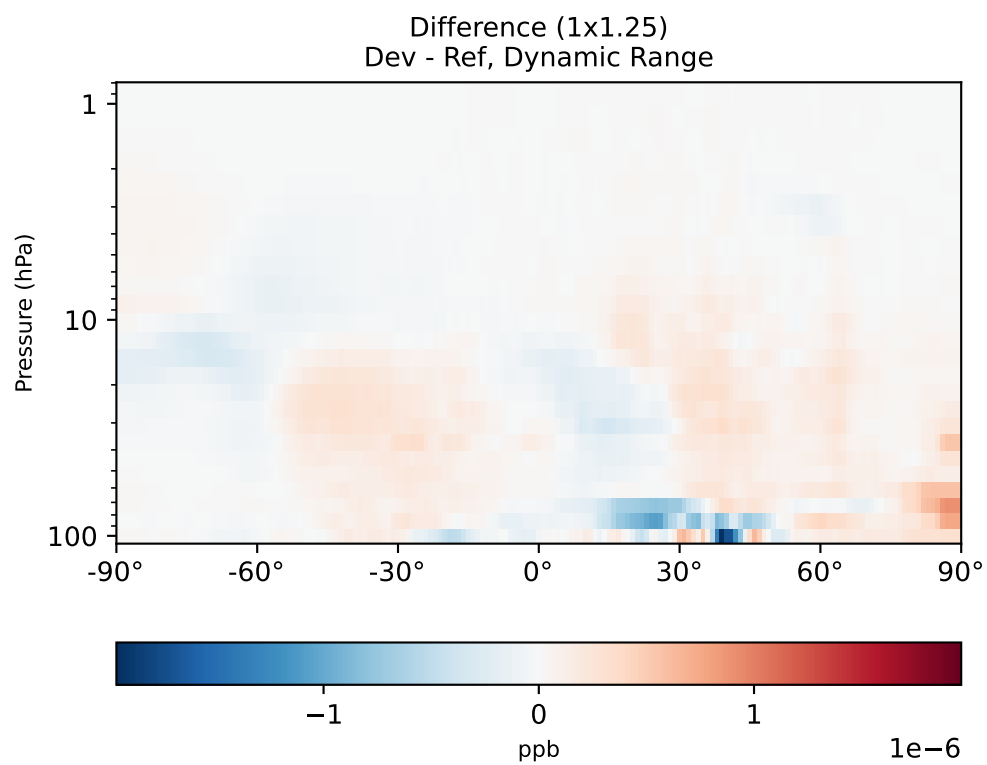
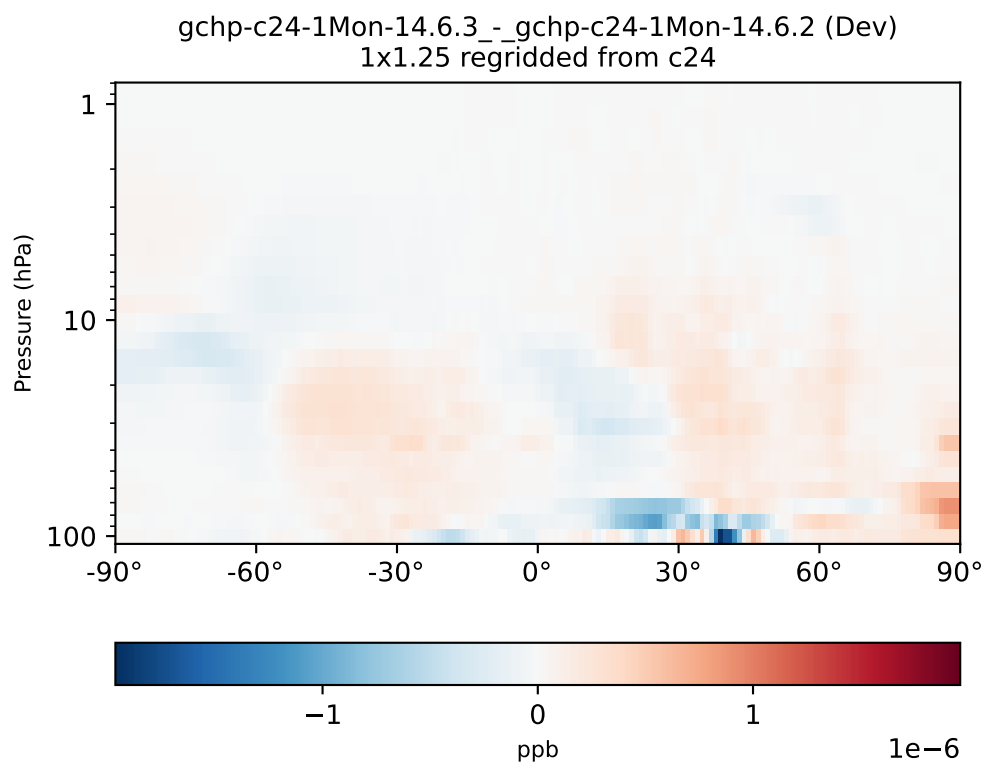
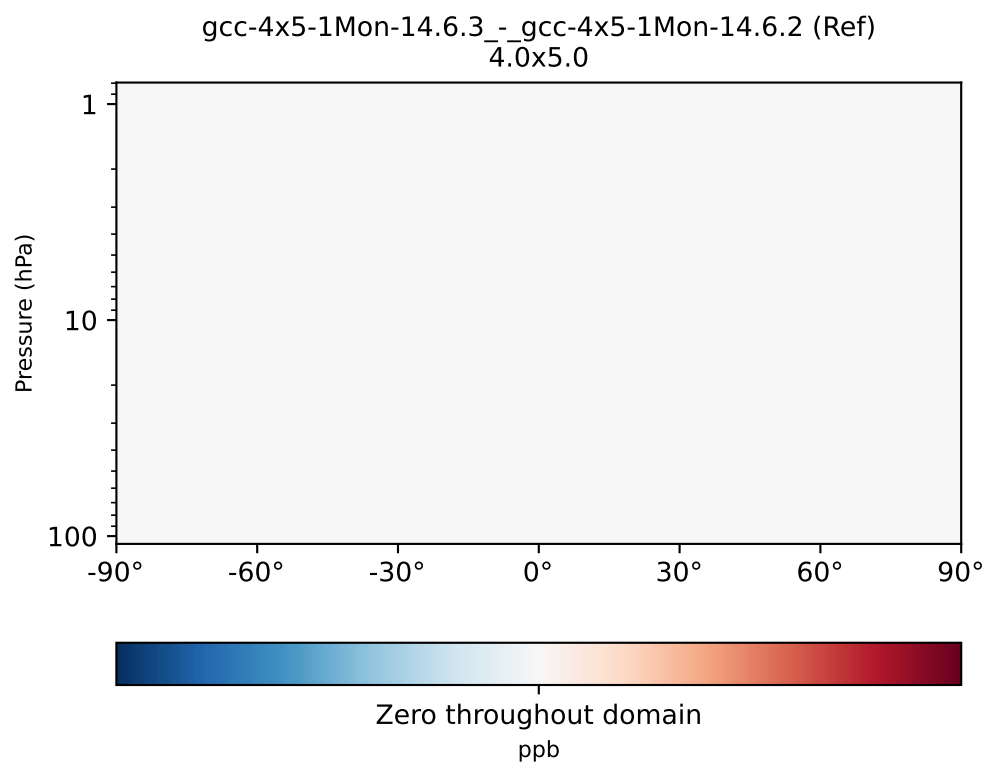
SpeciesConcVV_HNO2, Zonal Mean



SpeciesConcVV_HNO3, Zonal Mean

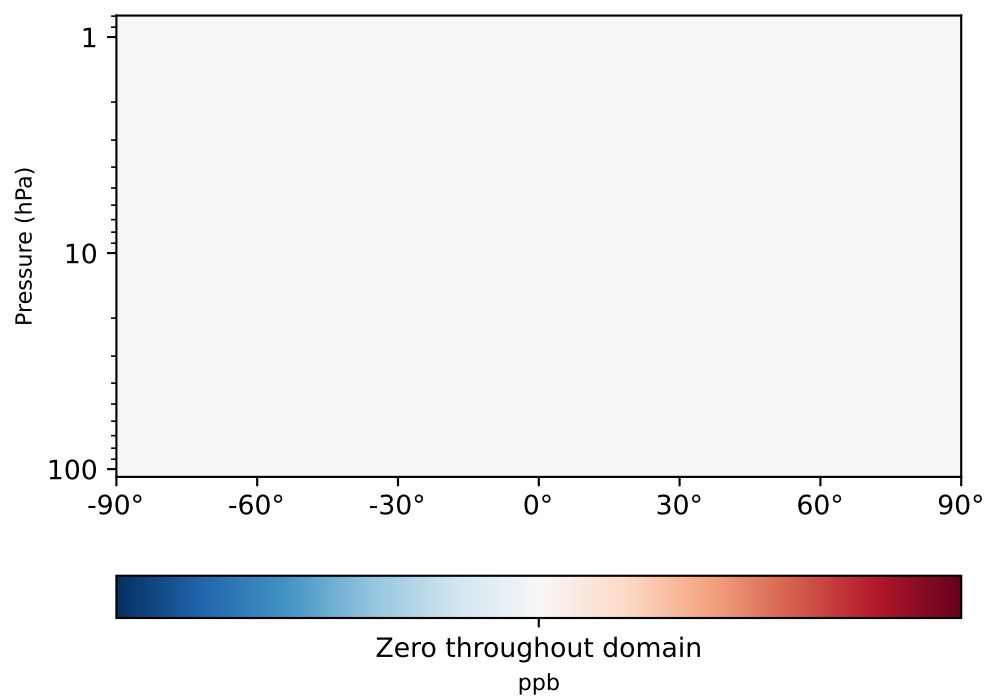


SpeciesConcVV_HNO4, Zonal Mean

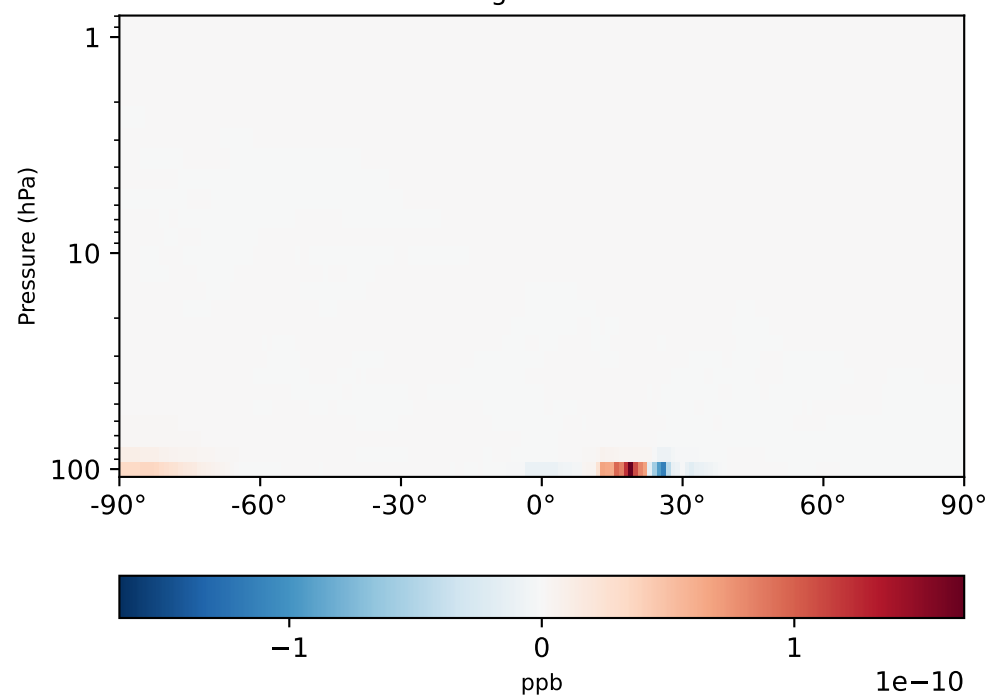


SpeciesConcVV_MPAN, Zonal Mean

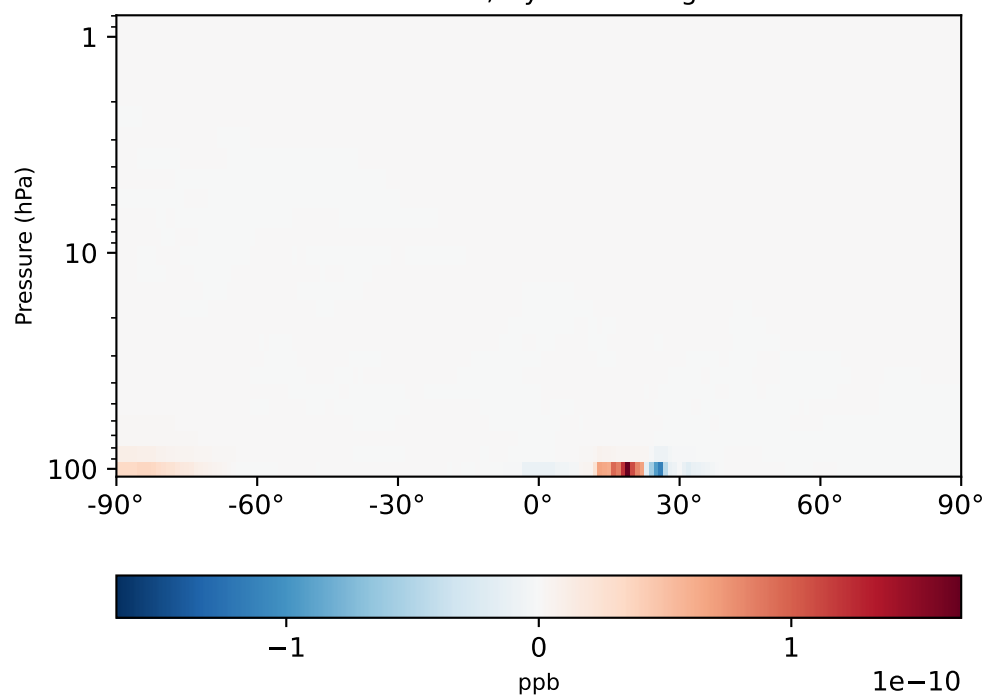
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



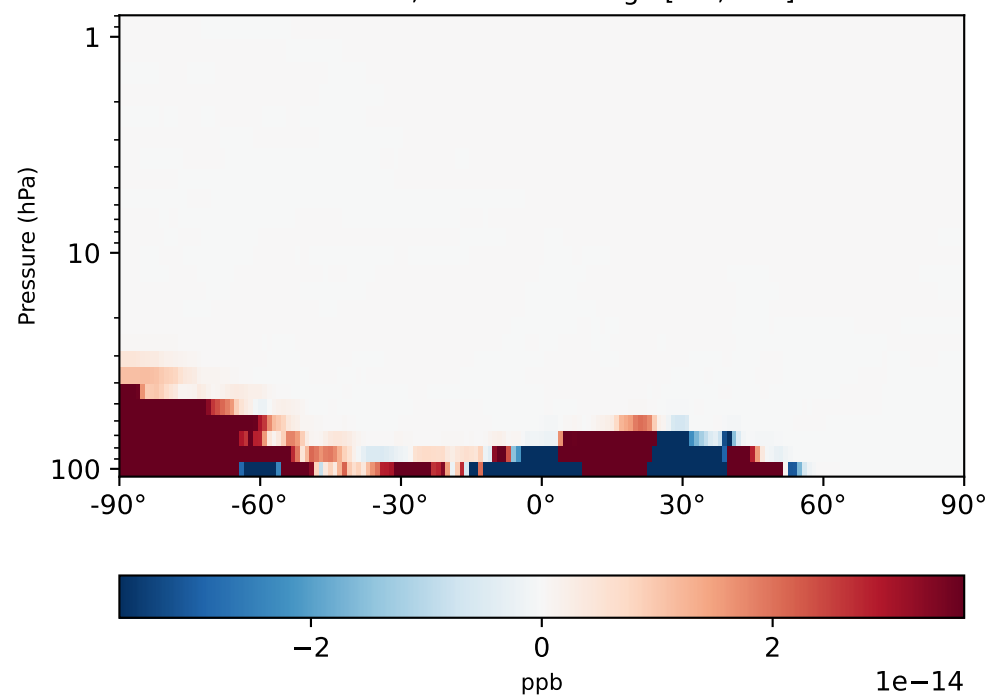
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



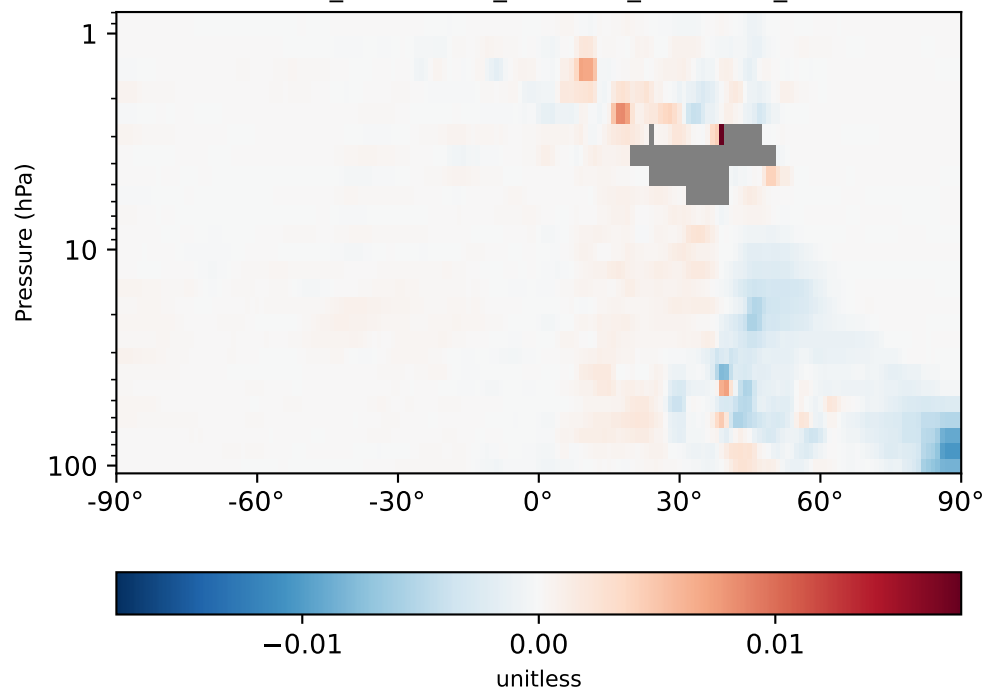
Difference (1x1.25)
Dev - Ref, Dynamic Range



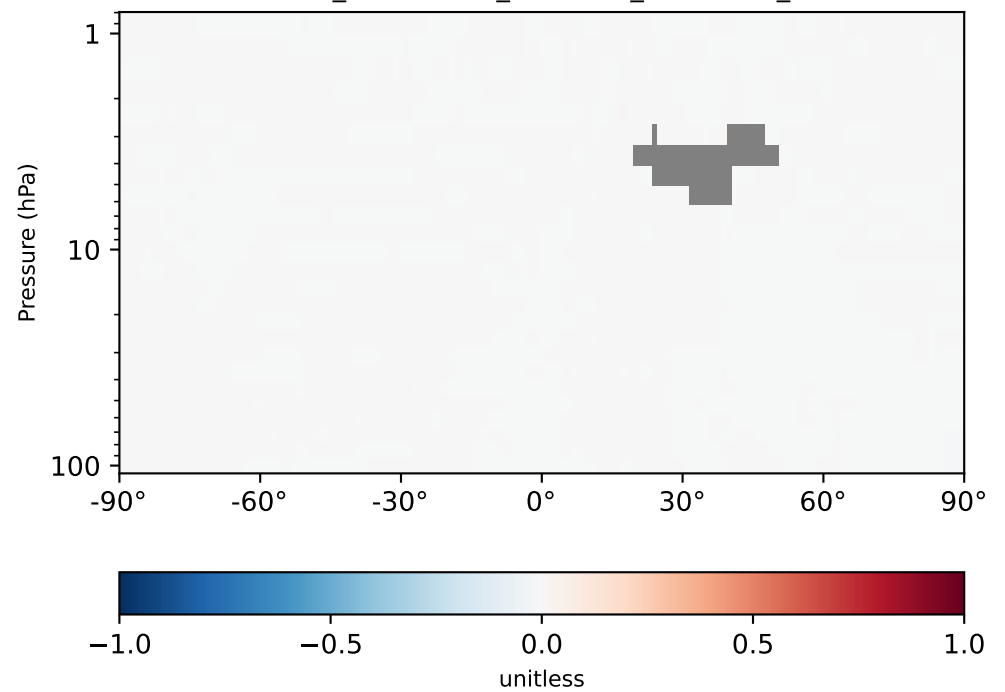
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



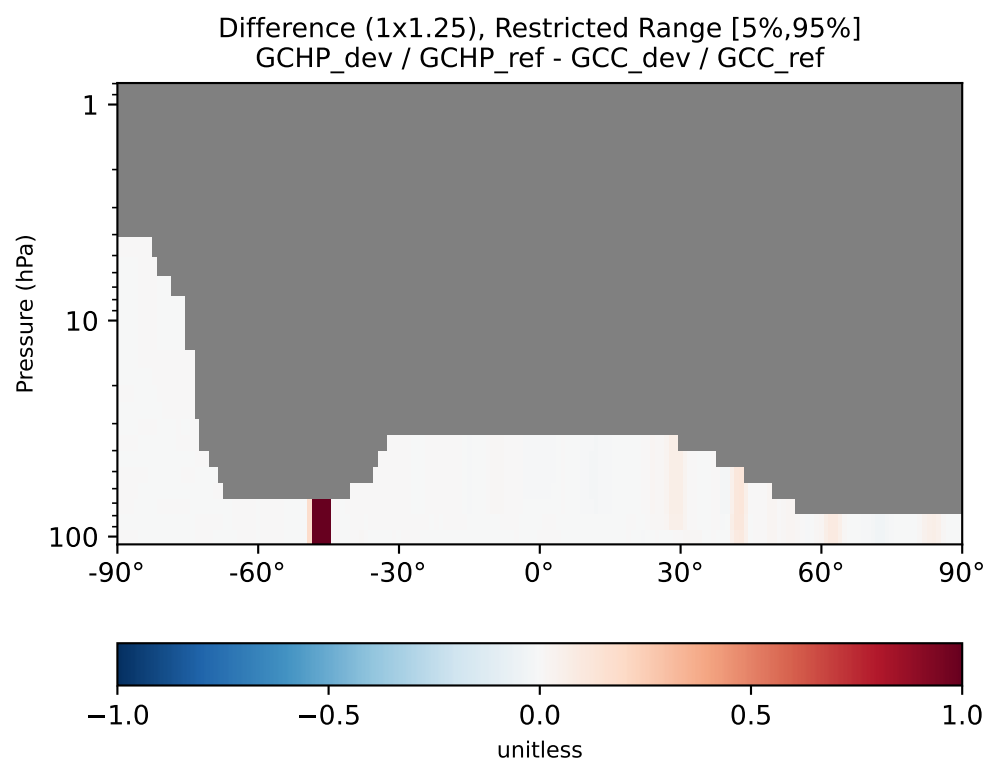
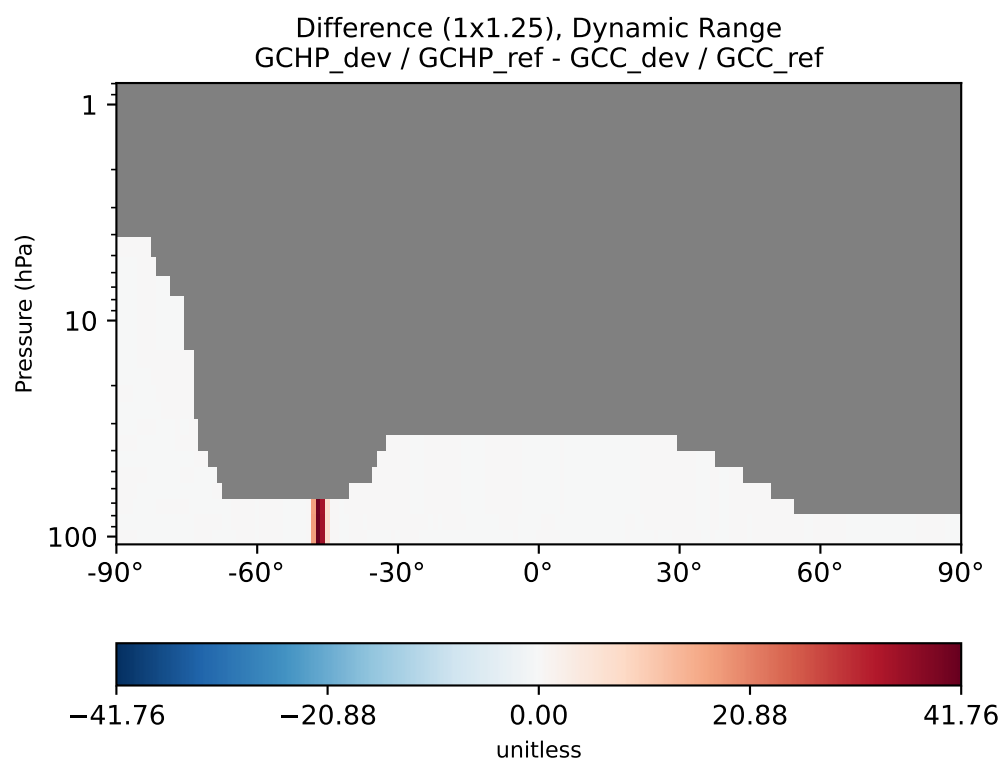
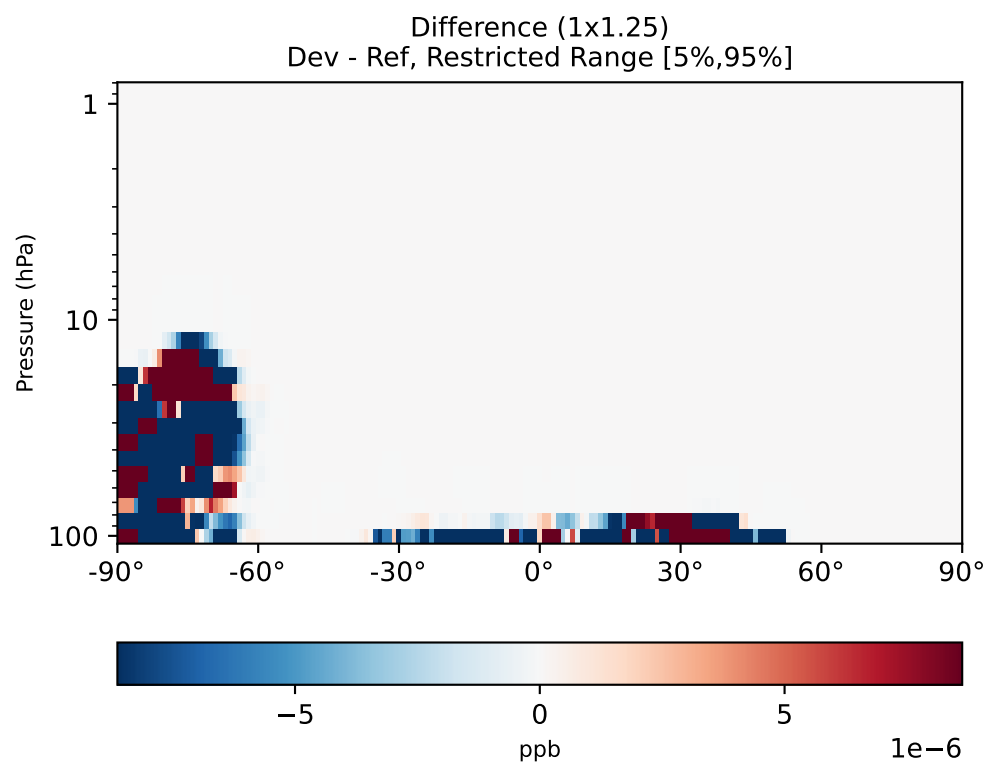
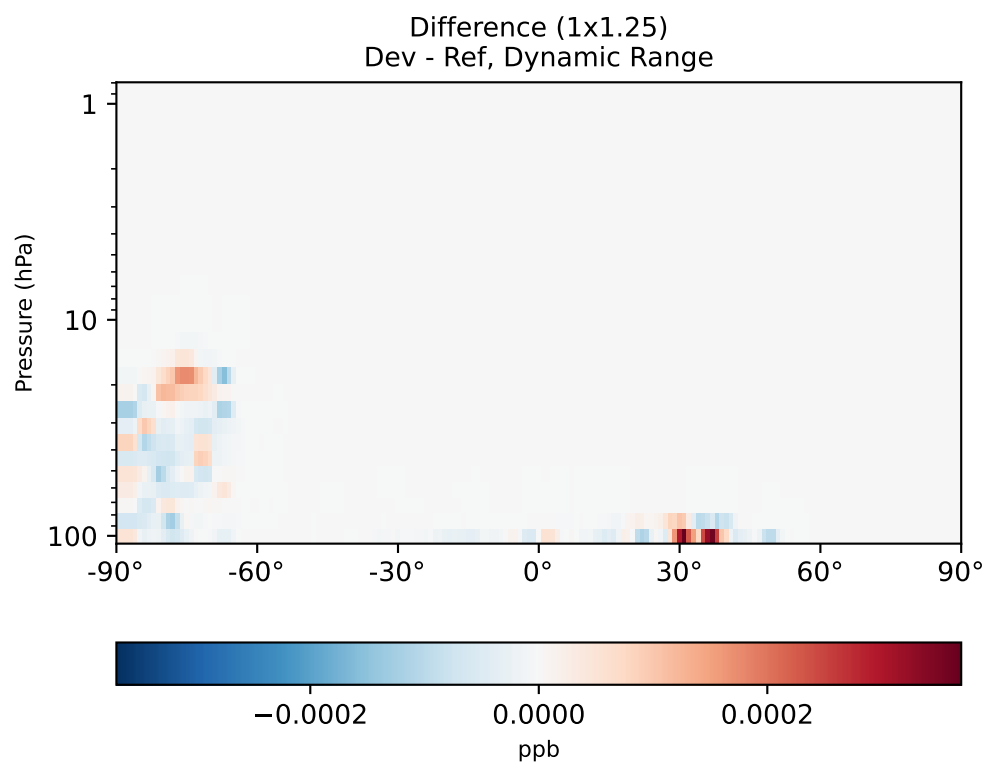
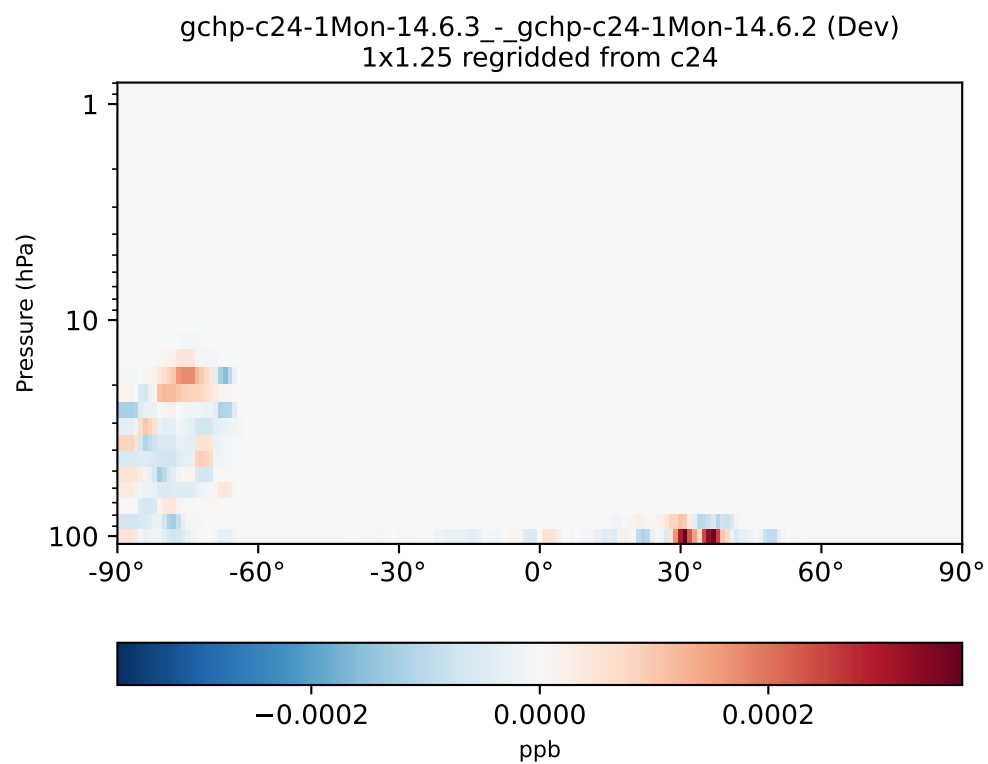
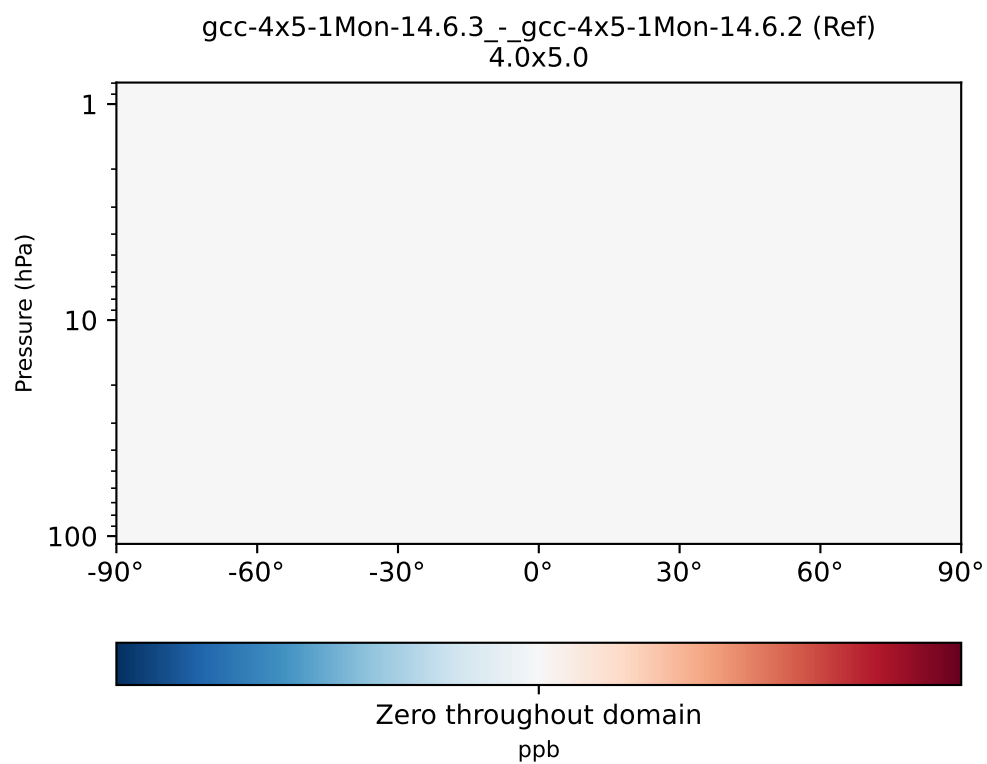
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

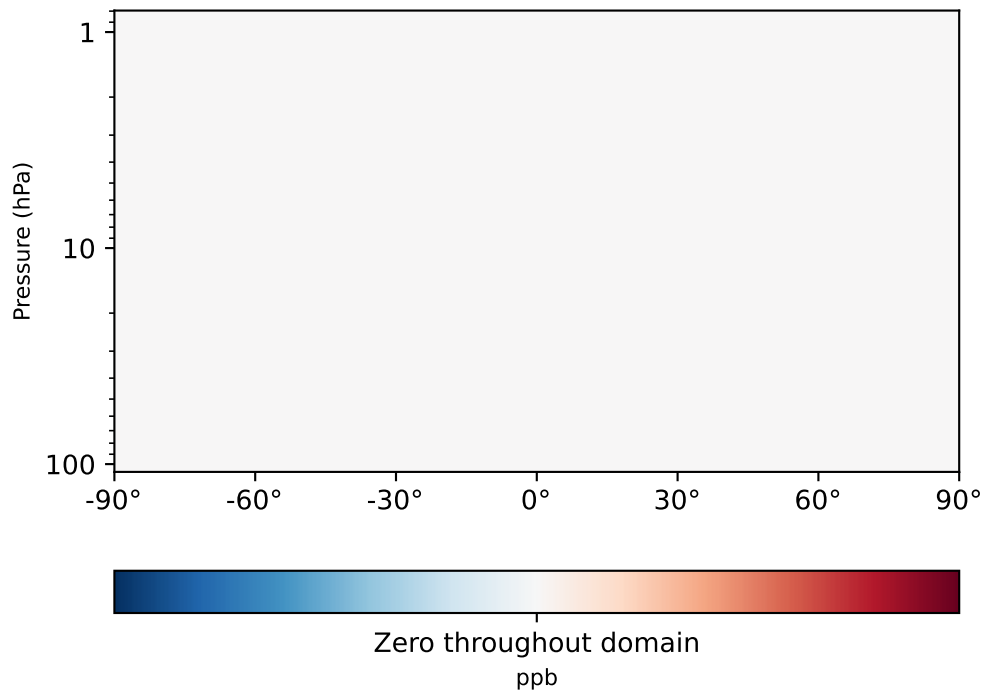


SpeciesConcVV_NIT, Zonal Mean

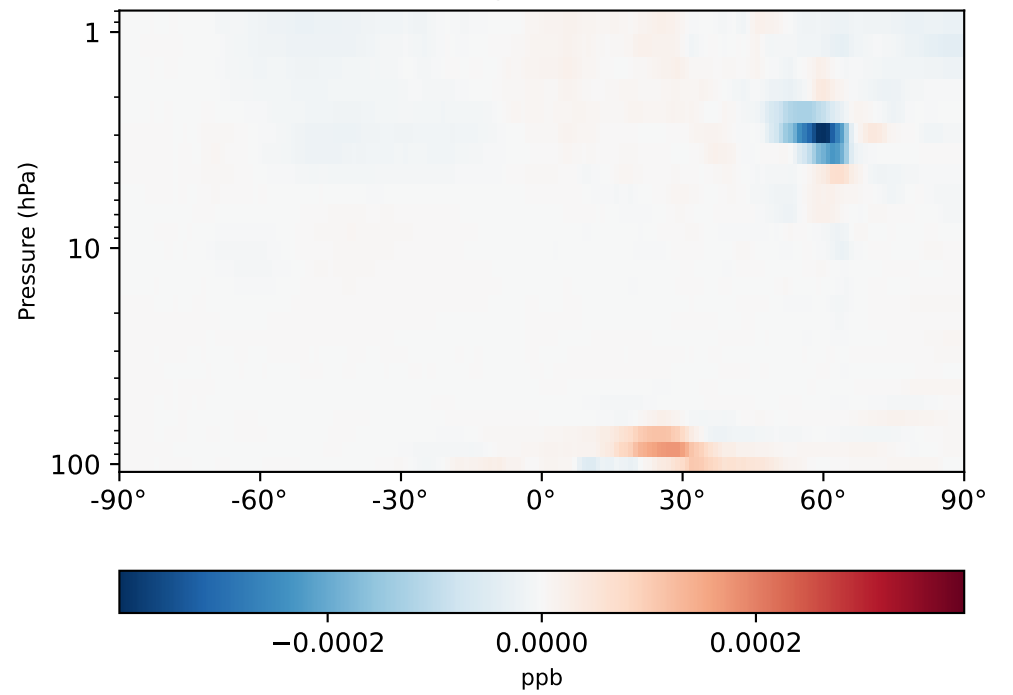


SpeciesConcVV_NO, Zonal Mean

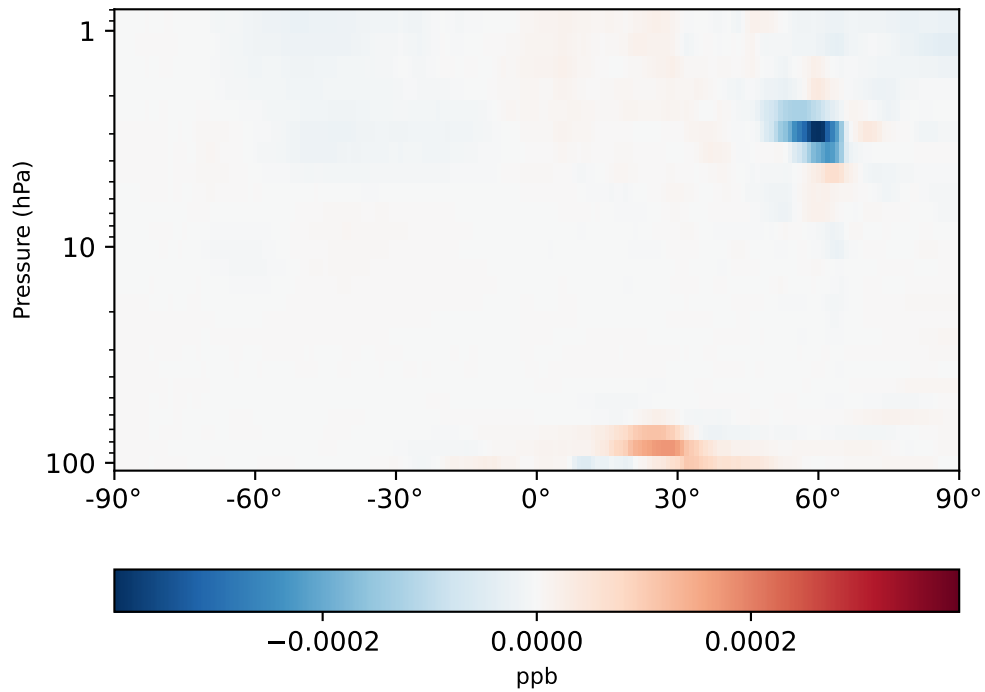
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



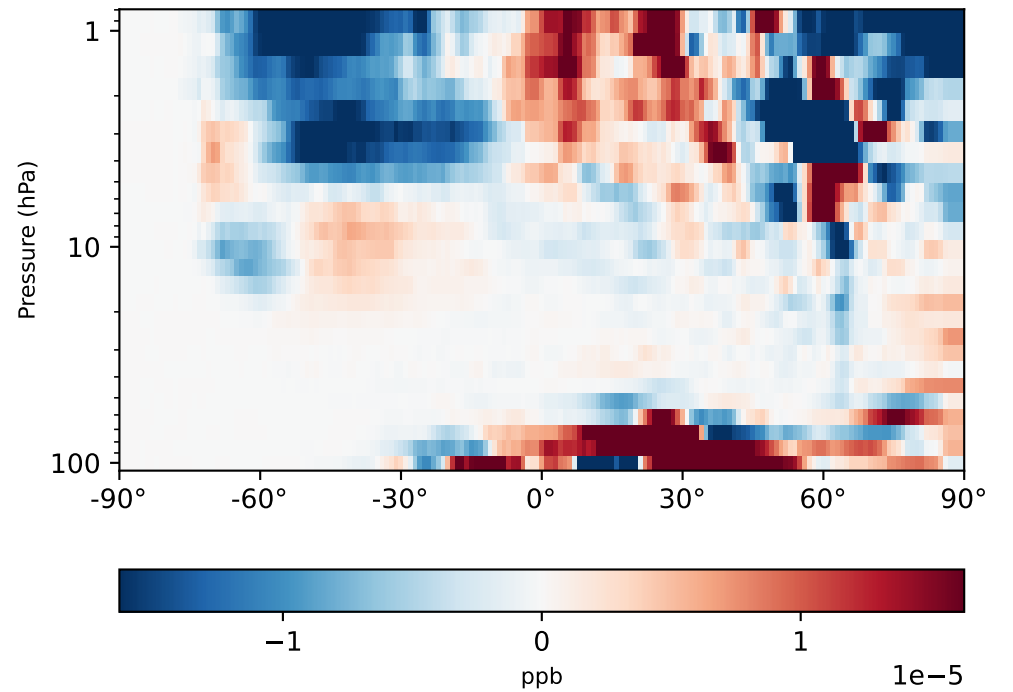
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



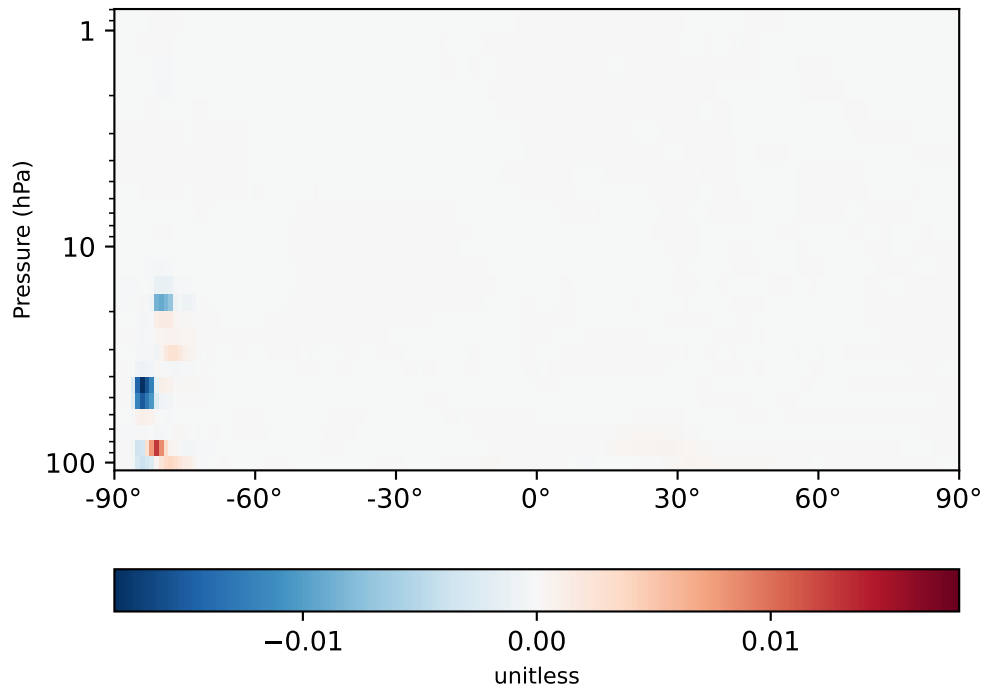
Difference (1x1.25)
Dev - Ref, Dynamic Range



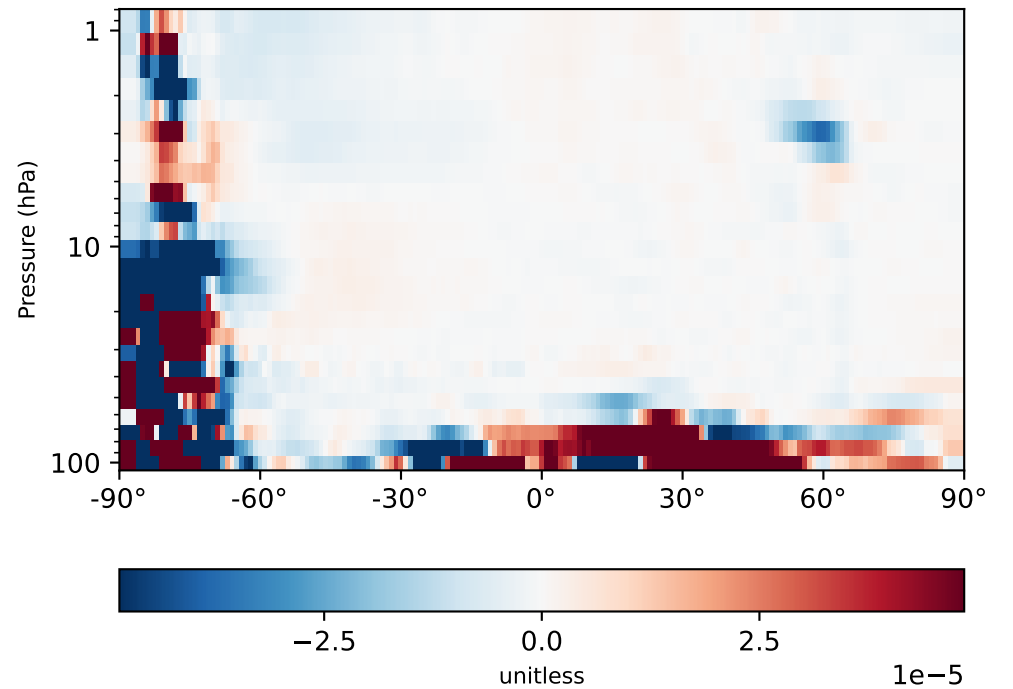
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

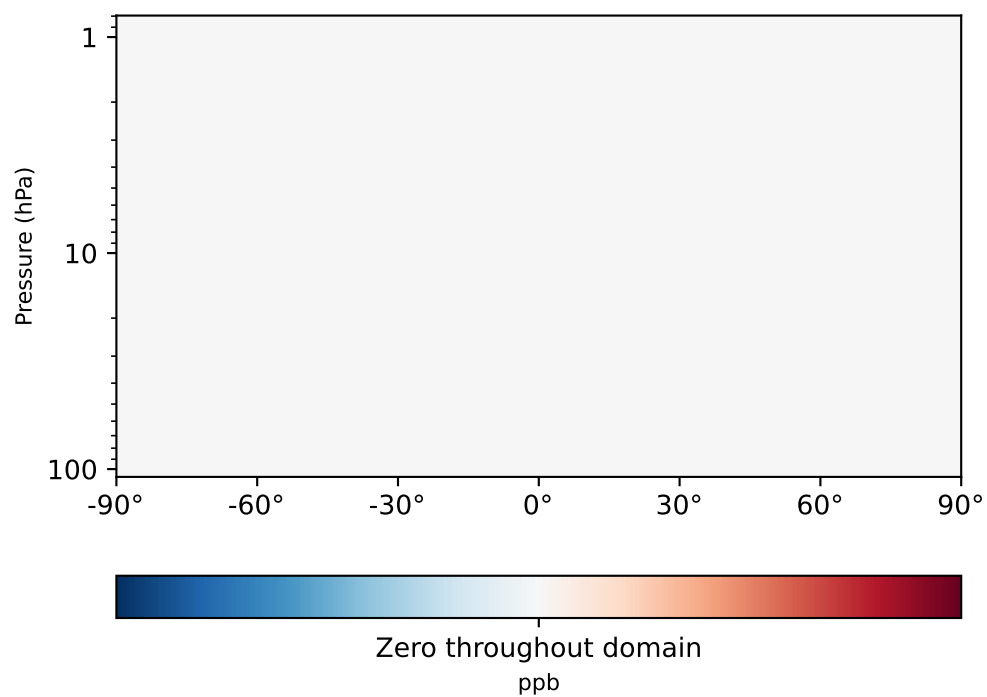


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

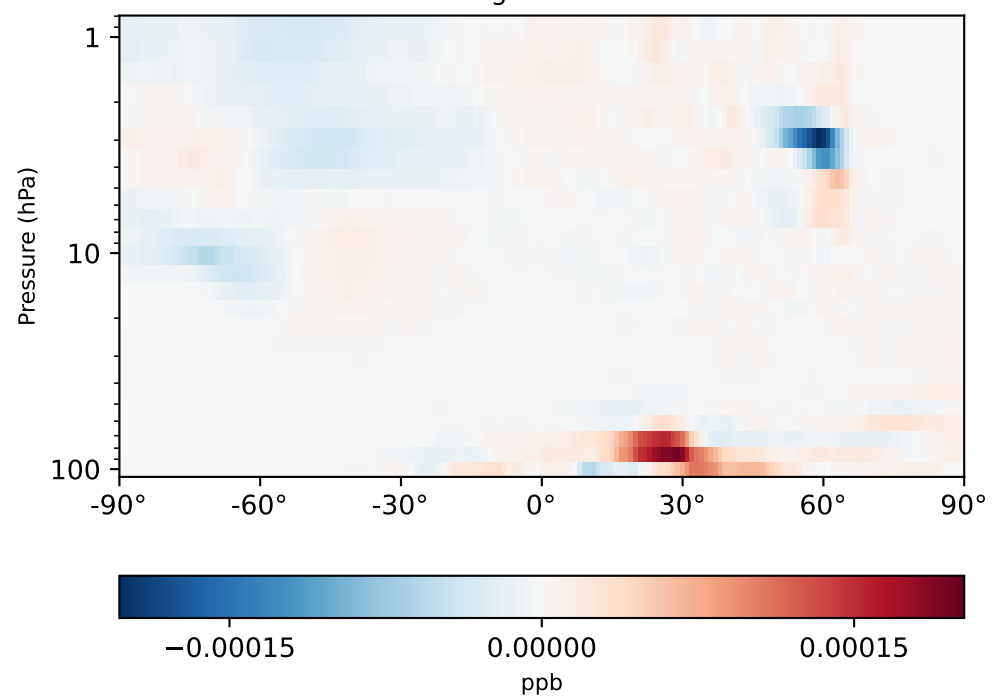


SpeciesConcVV_NO2, Zonal Mean

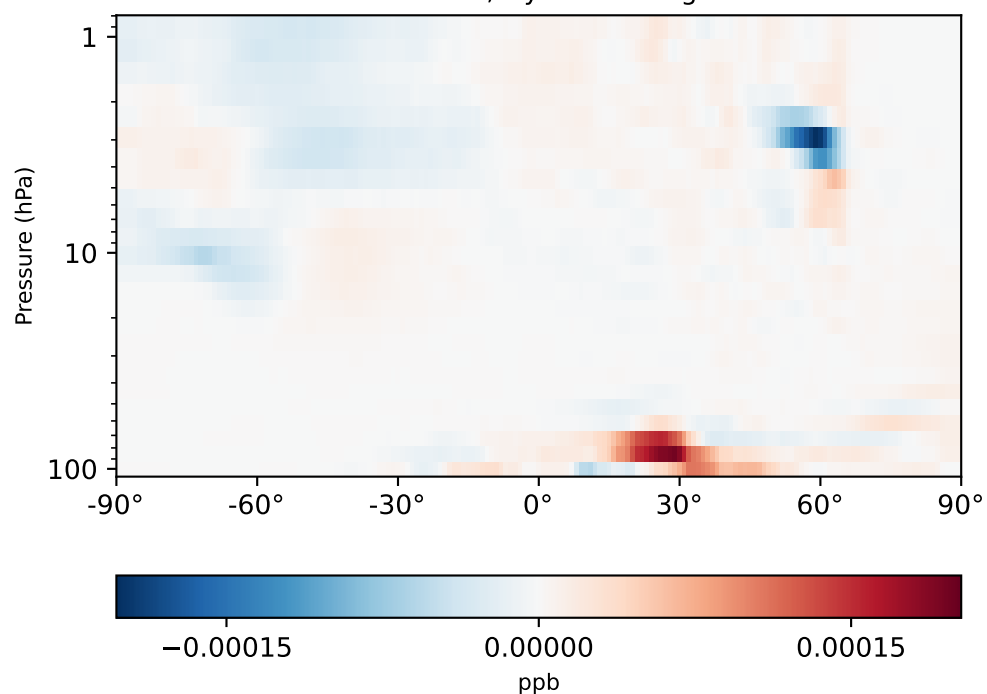
gcc-4x5-1Mon-14.6.3 - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



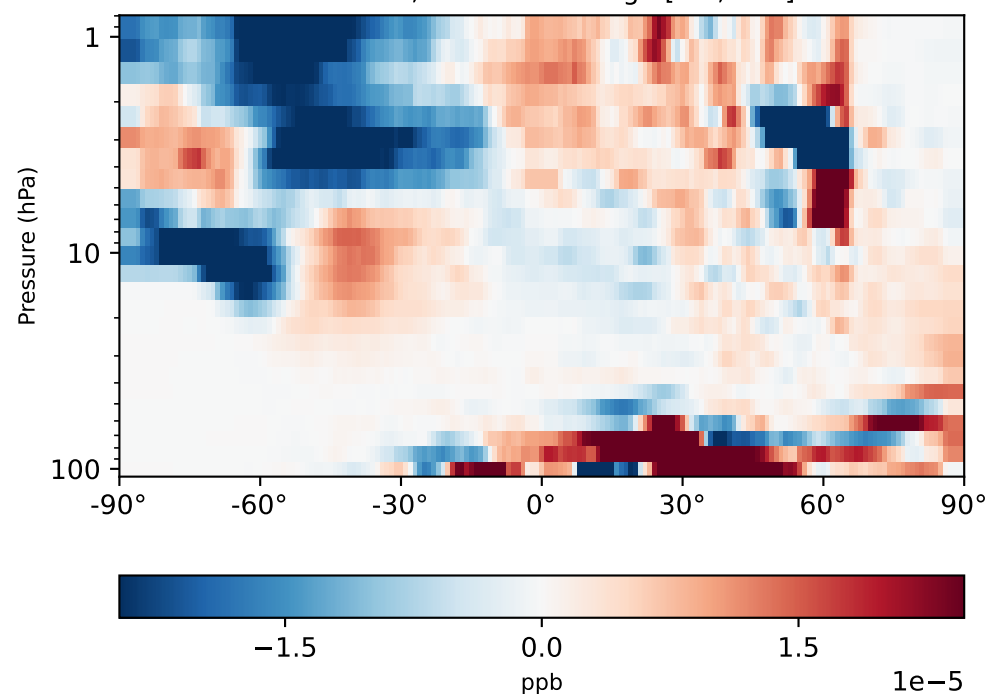
gchp-c24-1Mon-14.6.3 - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regriidd from c24



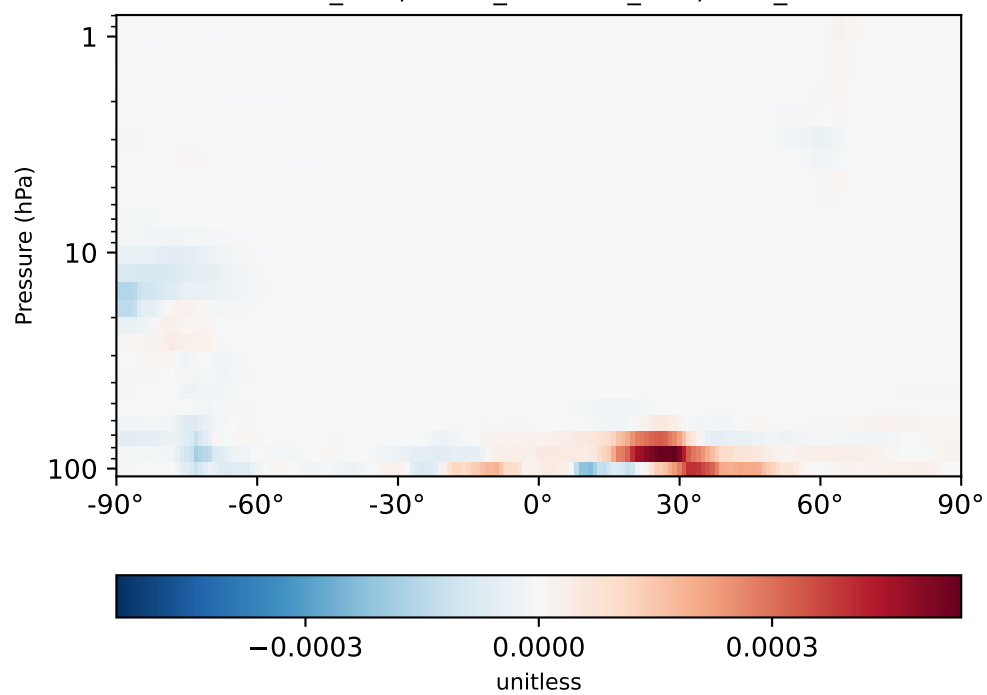
Difference (1x1.25)
Dev - Ref, Dynamic Range



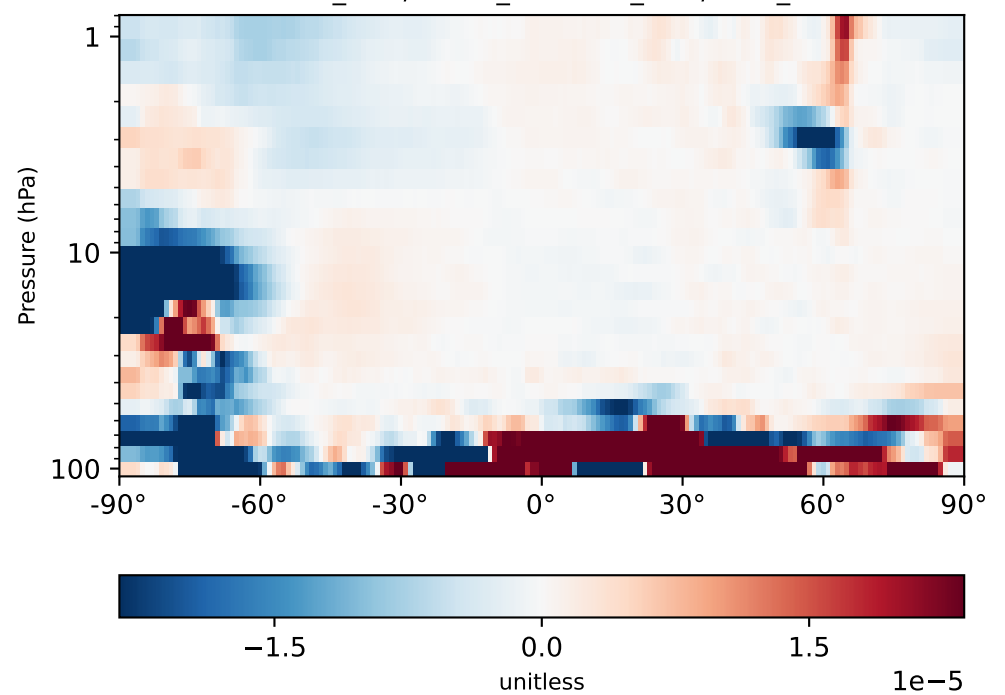
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

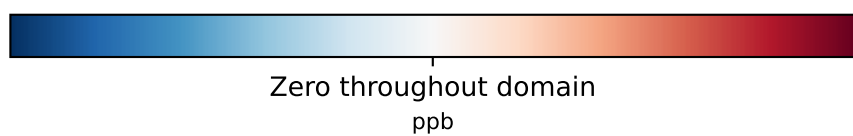
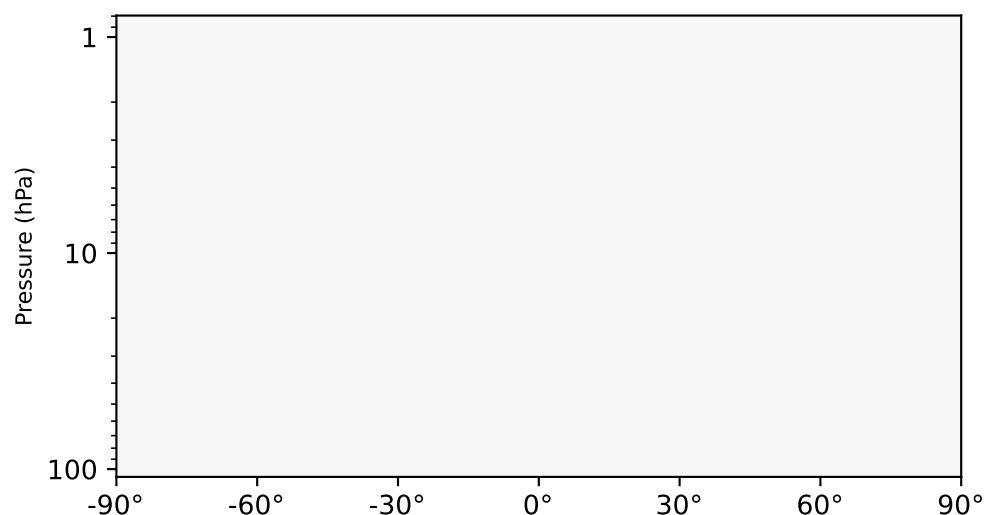


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

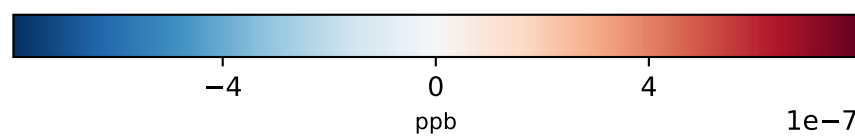
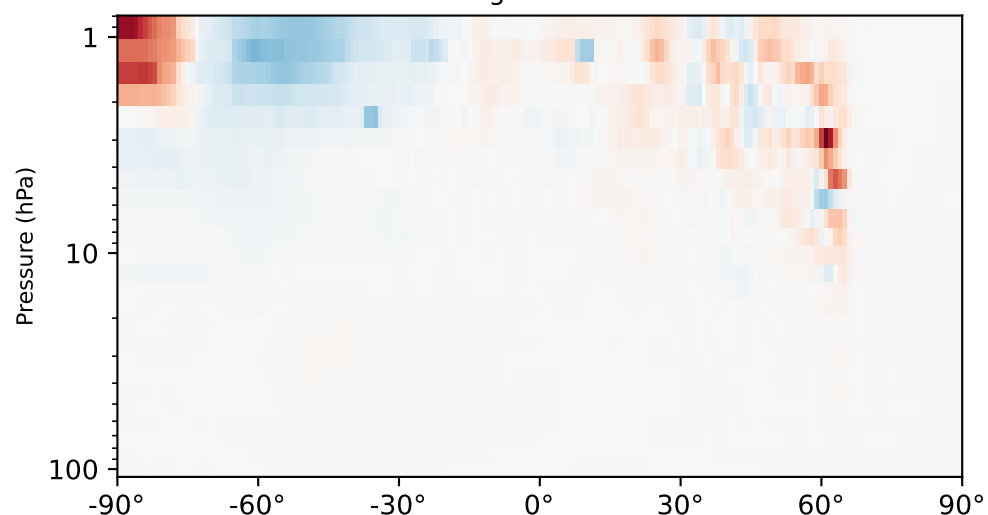


SpeciesConcVV_NO3, Zonal Mean

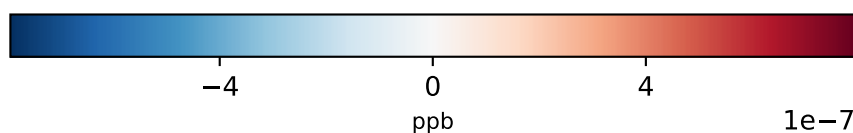
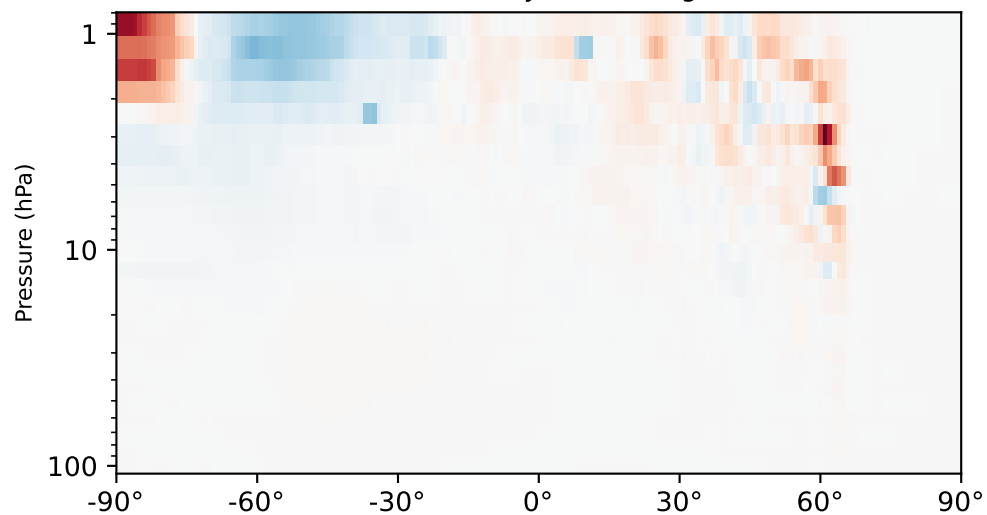
gcc-4x5-1Mon-14.6.3 - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



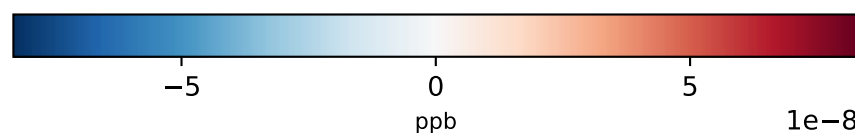
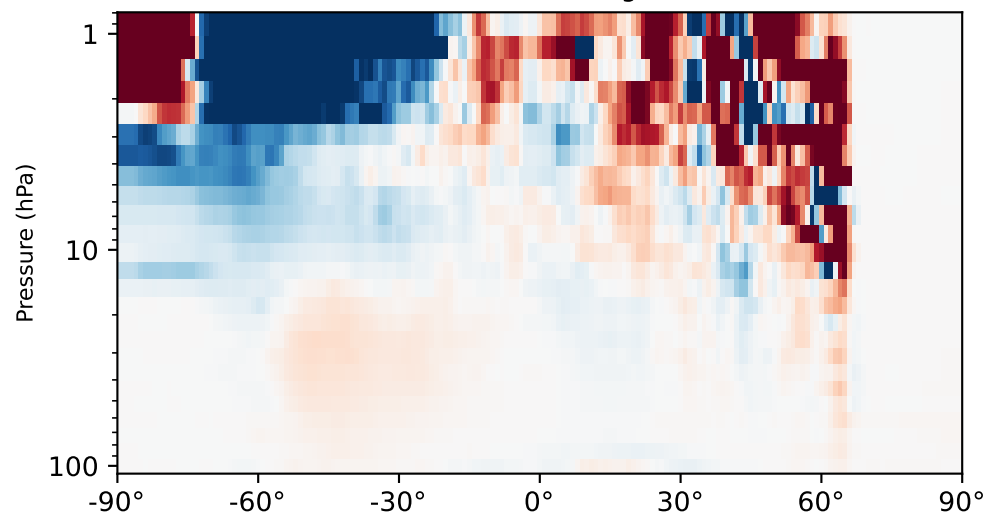
gchp-c24-1Mon-14.6.3 - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



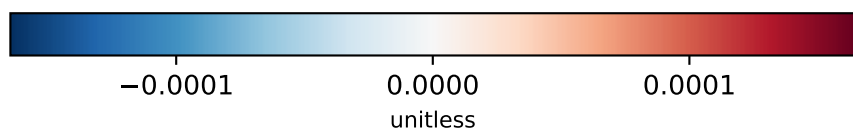
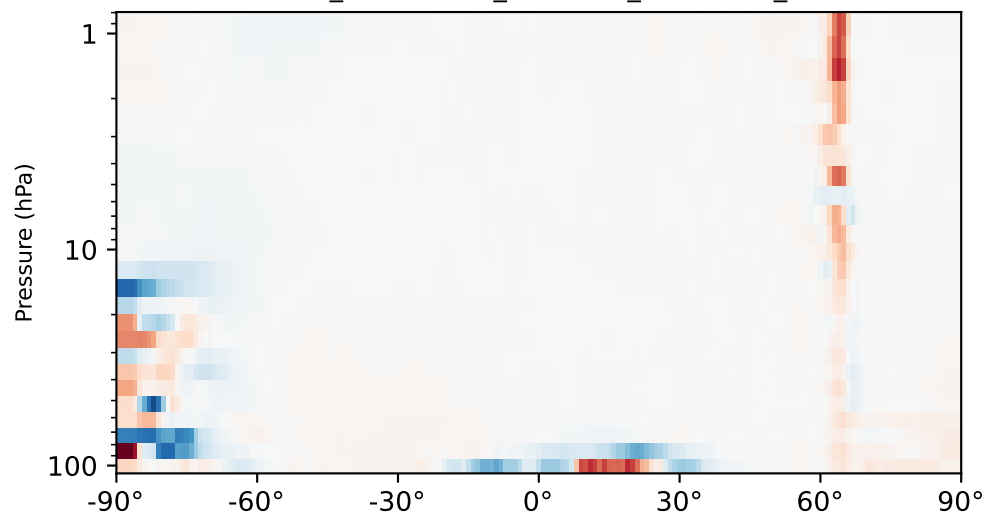
Difference (1x1.25)
Dev - Ref, Dynamic Range



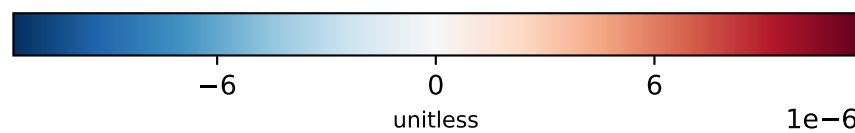
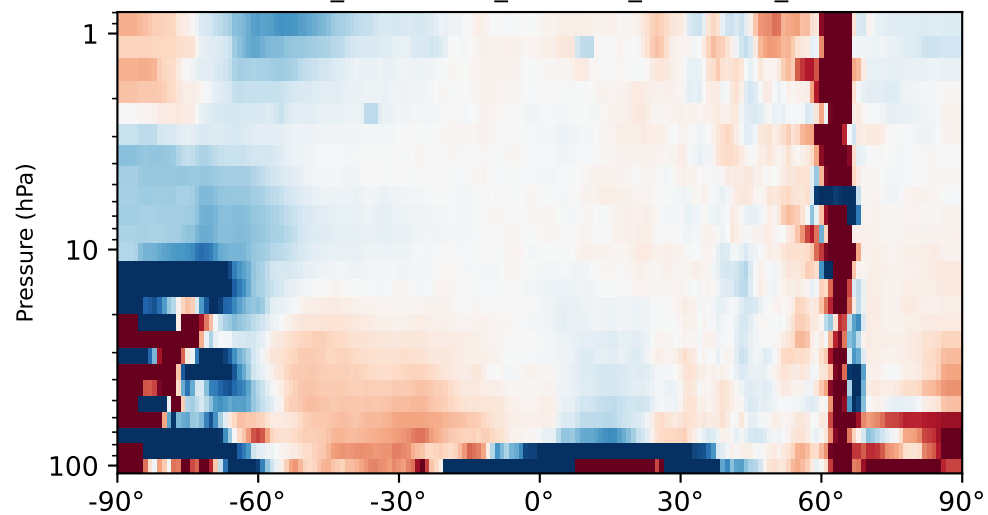
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

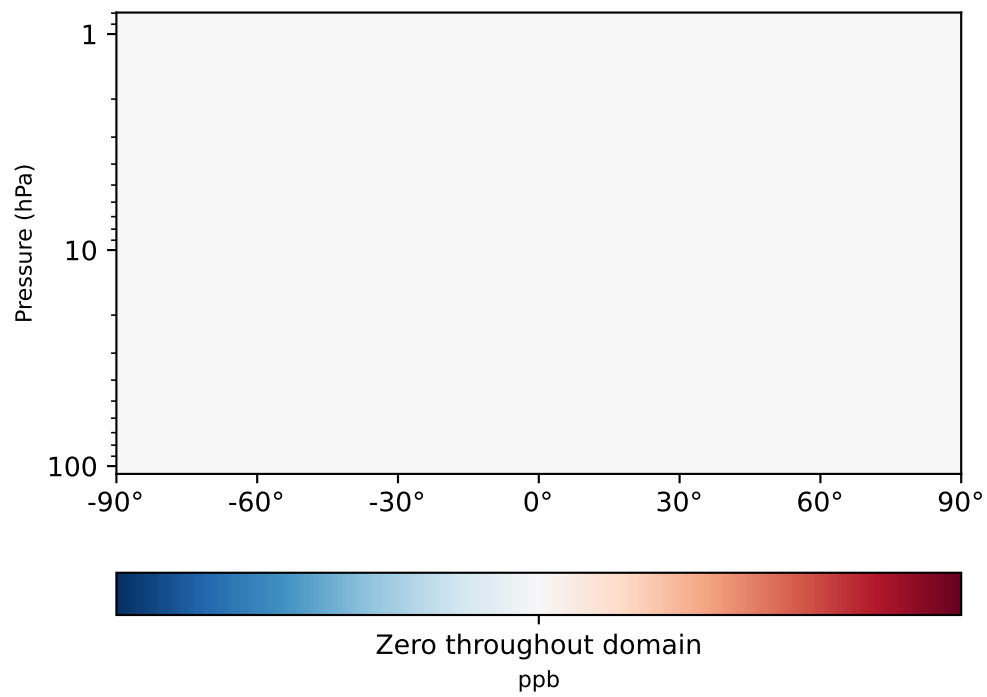


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

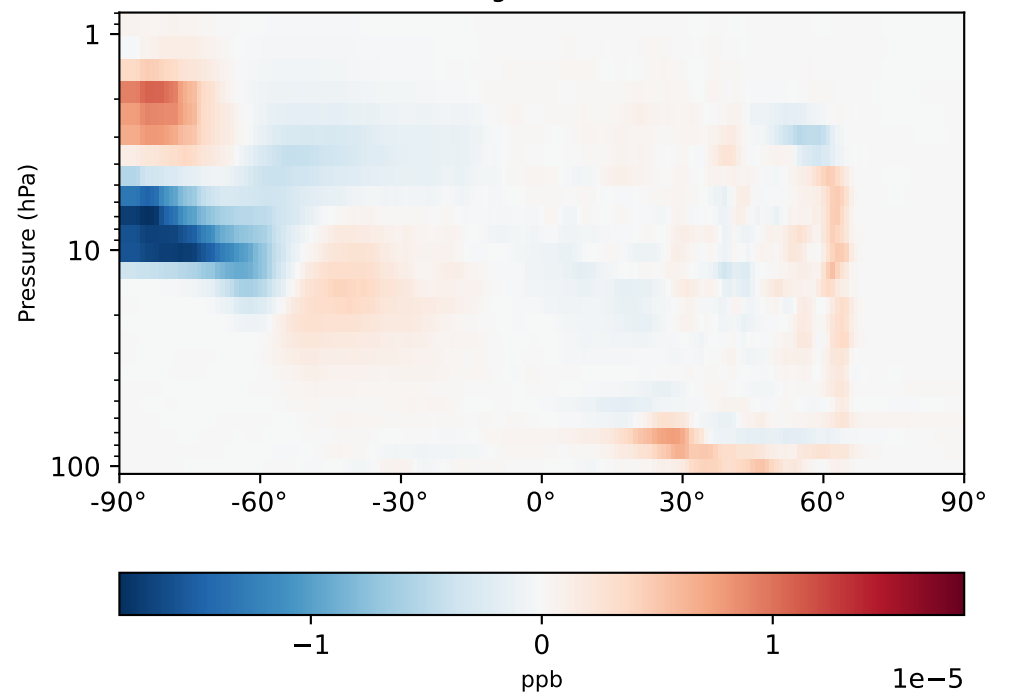


SpeciesConcVV_N2O5, Zonal Mean

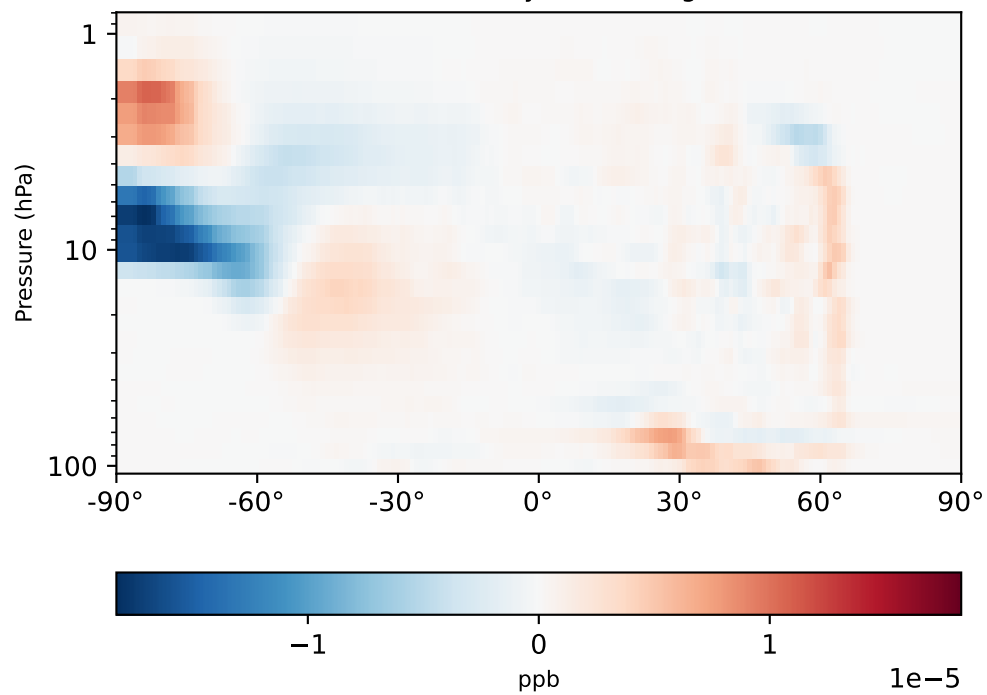
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



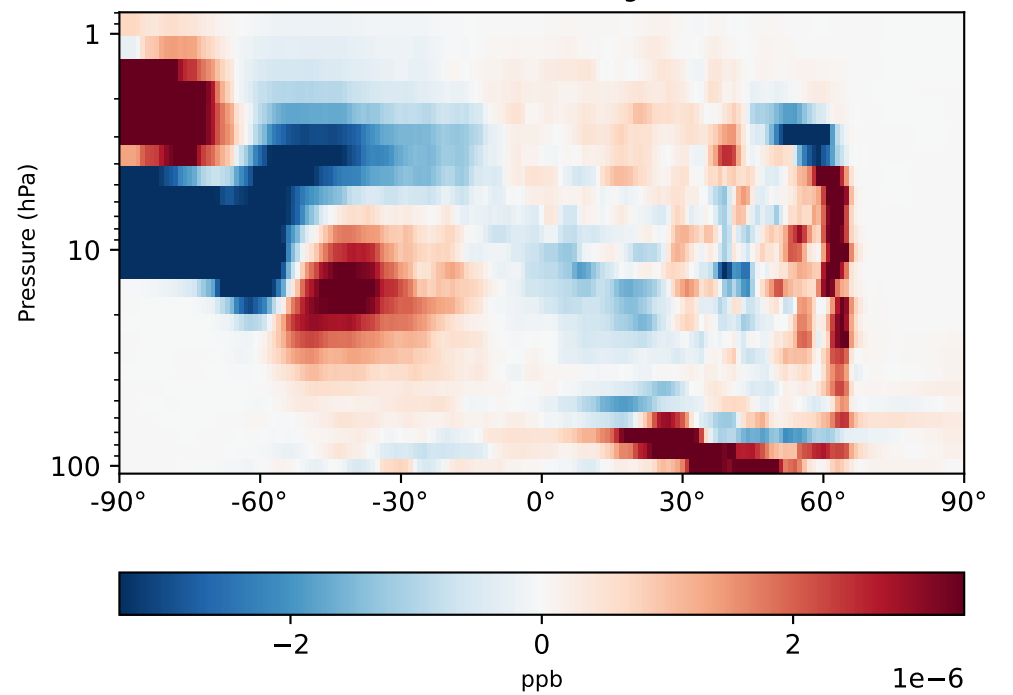
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



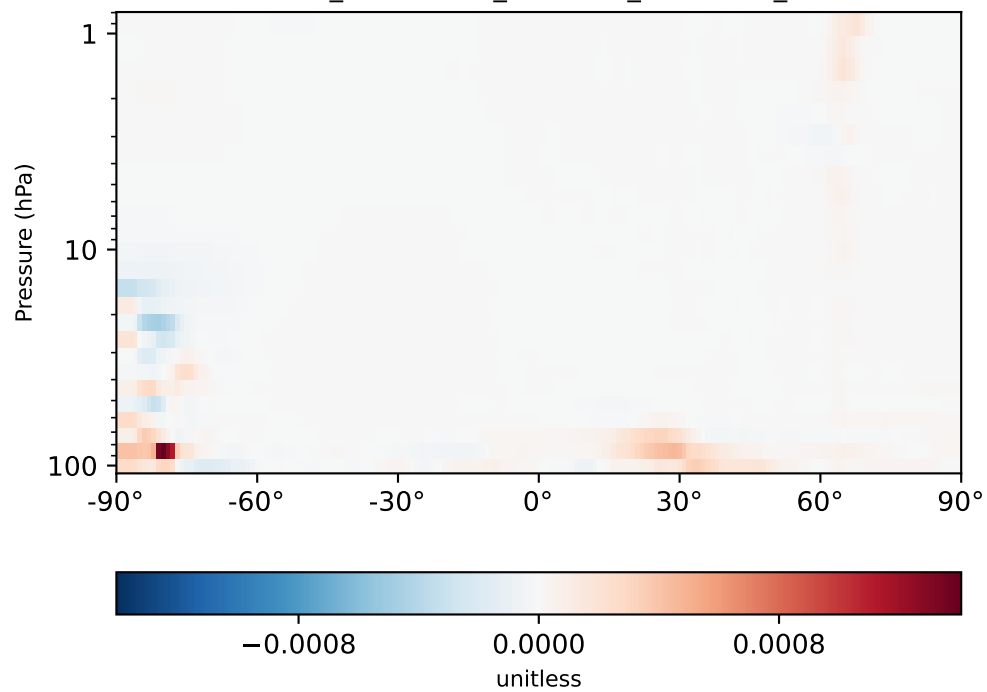
Difference (1x1.25)
Dev - Ref, Dynamic Range



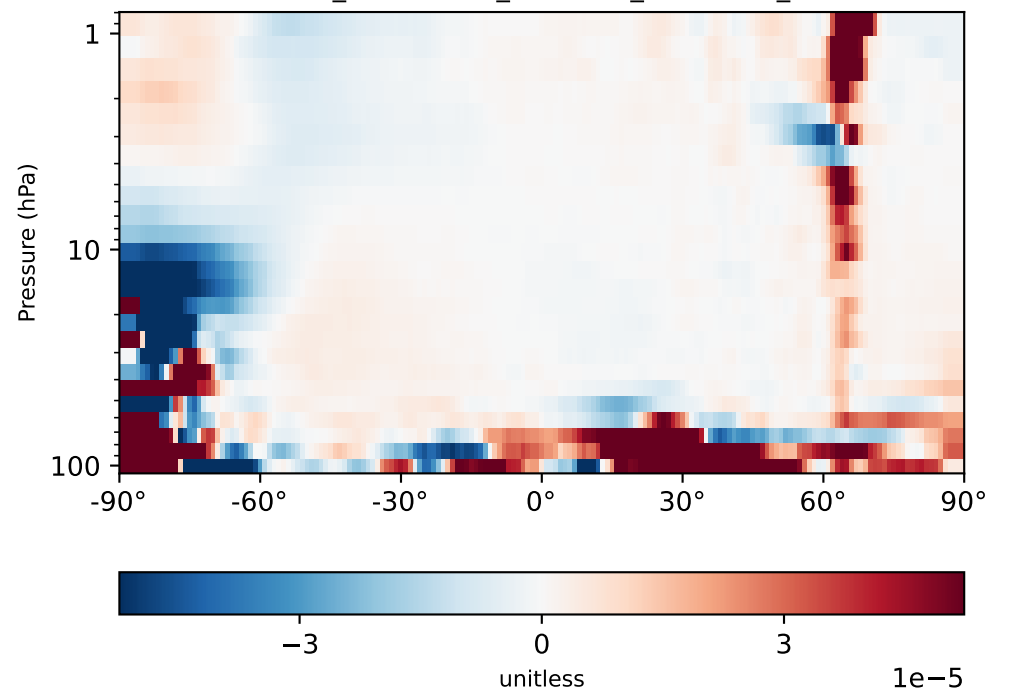
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

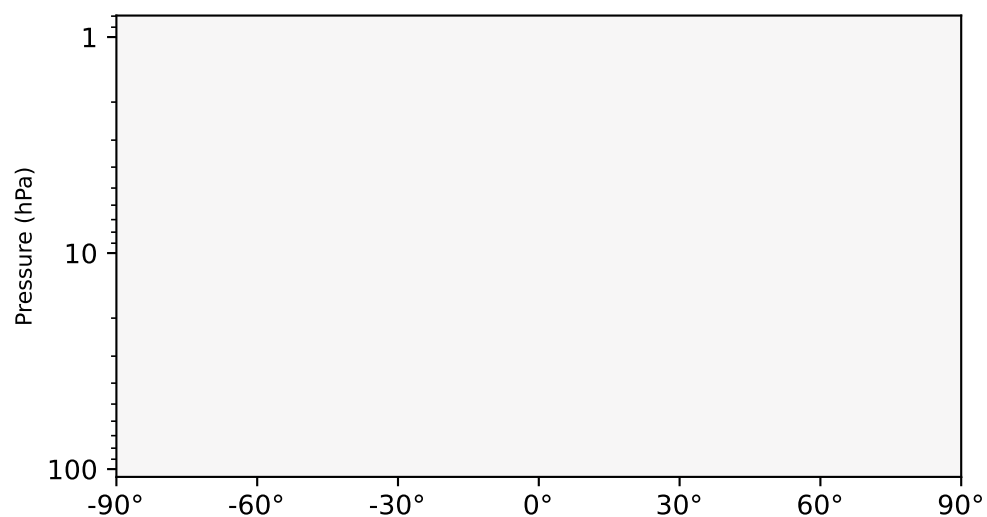


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



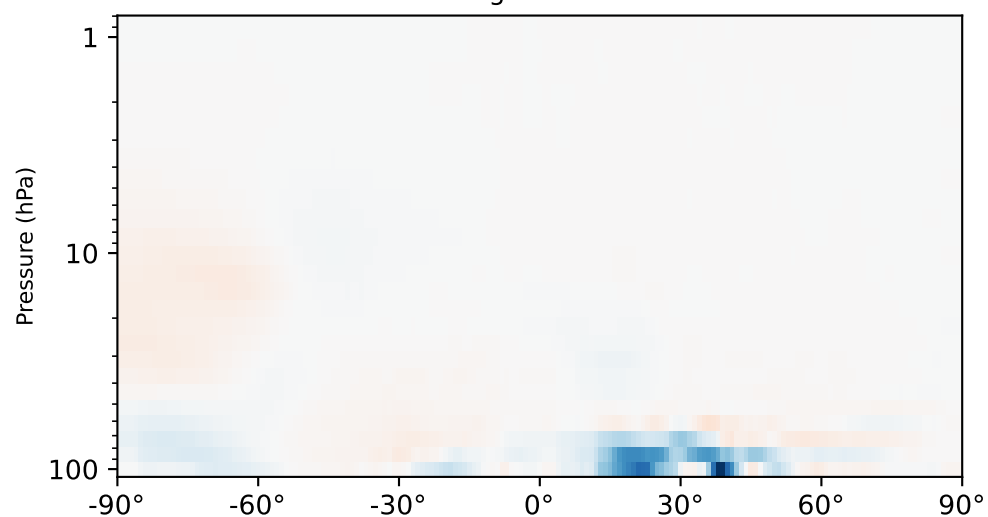
SpeciesConcVV_MPN, Zonal Mean

gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



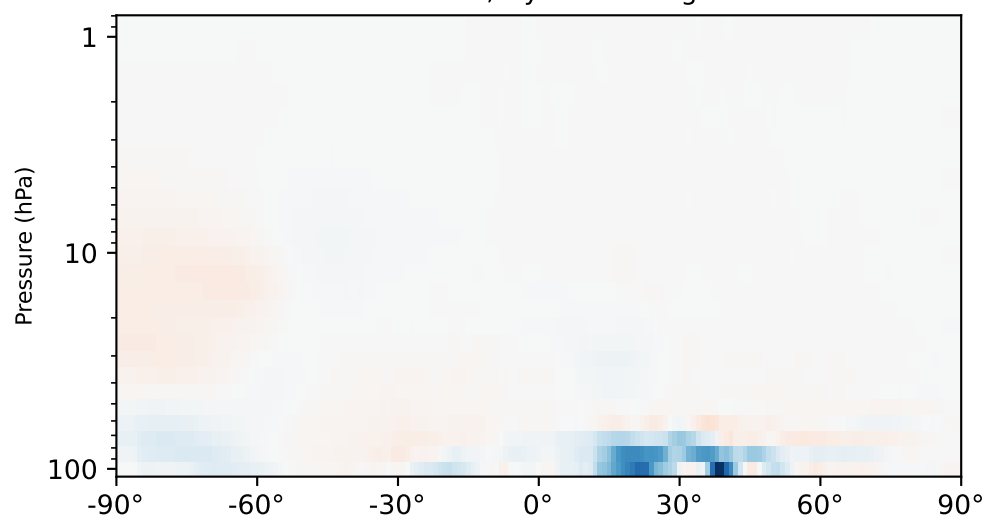
Zero throughout domain
ppb

gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



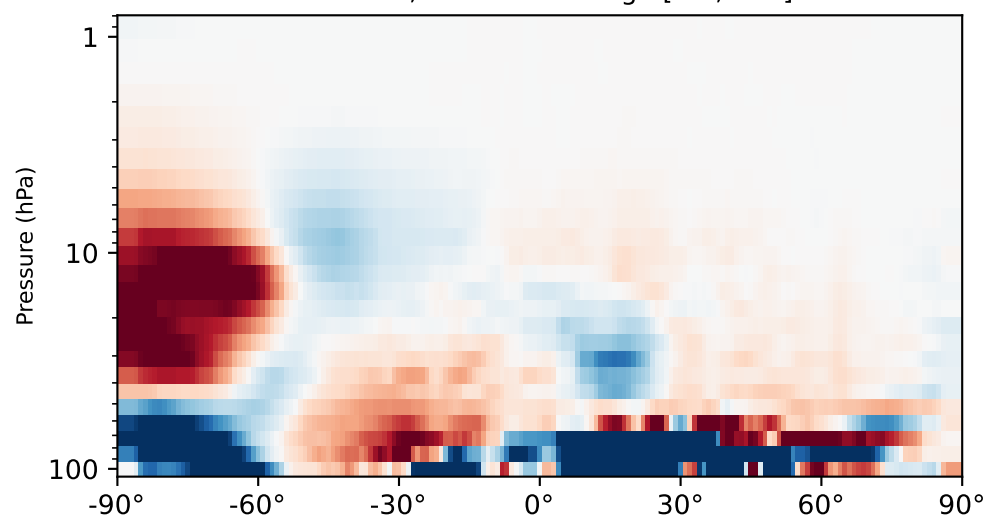
-4 0 4
ppb 1e-6

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



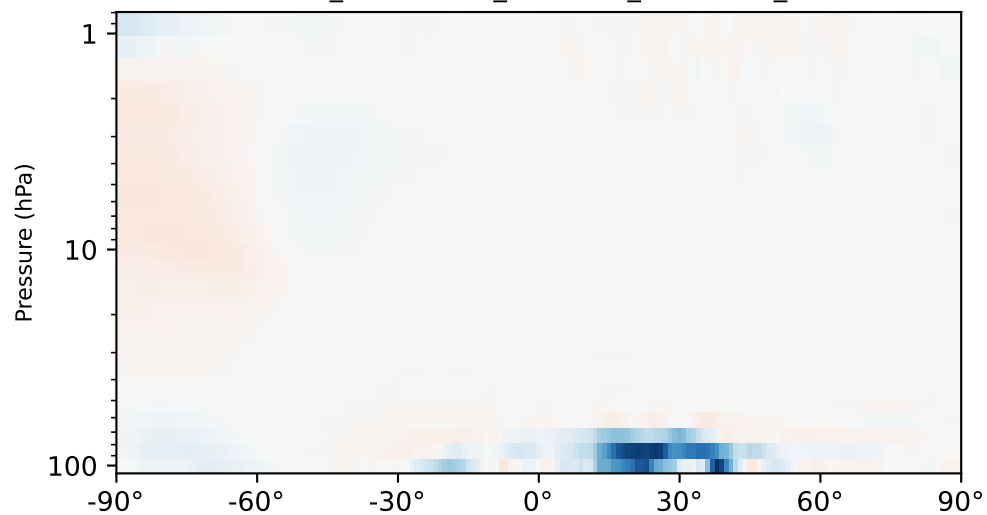
-4 0 4
ppb 1e-6

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



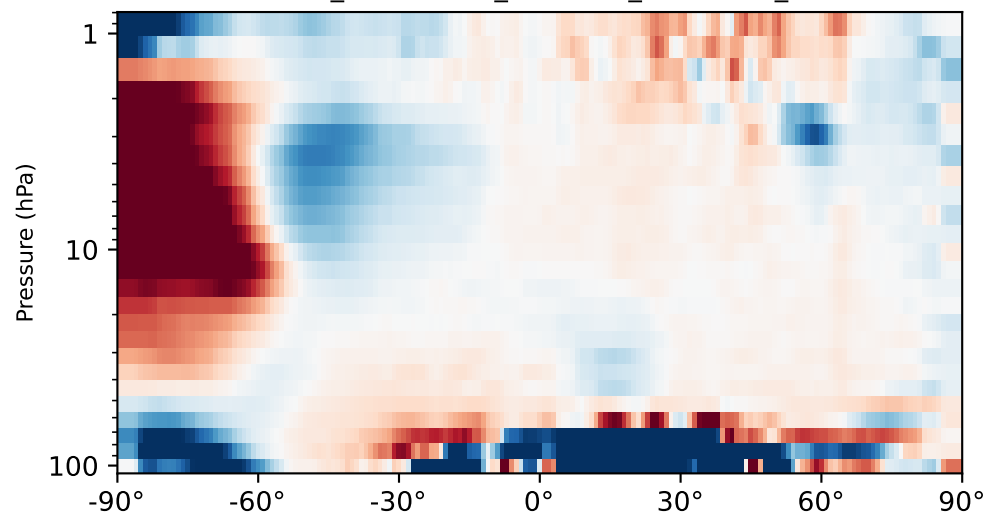
-3 0 3
ppb 1e-7

Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



-0.0001 0.0000 0.0001
unitless 1e-6

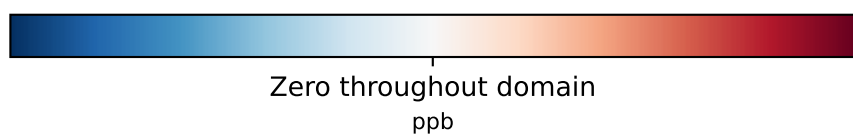
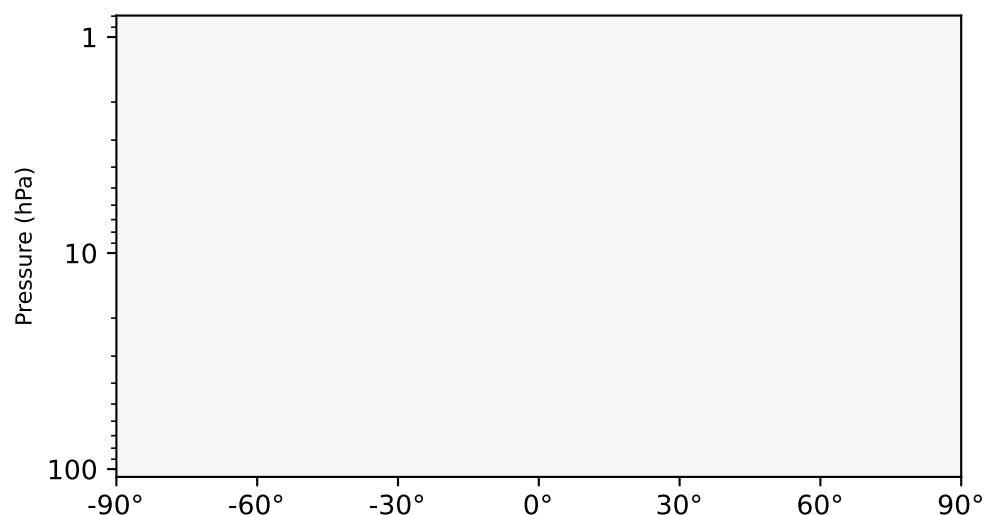
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



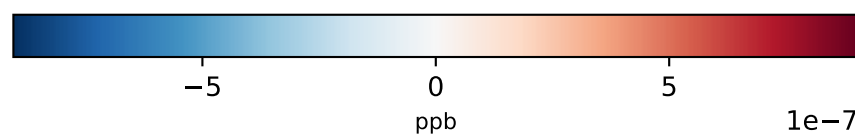
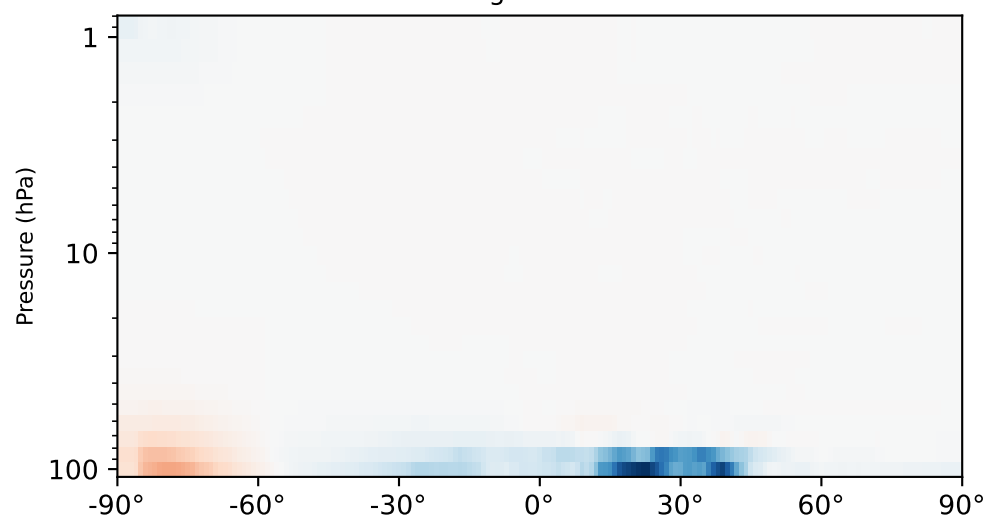
-6 0 6
unitless 1e-6

SpeciesConcVV_PAN, Zonal Mean

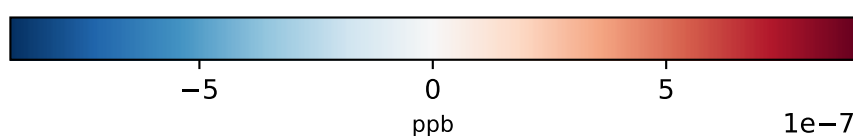
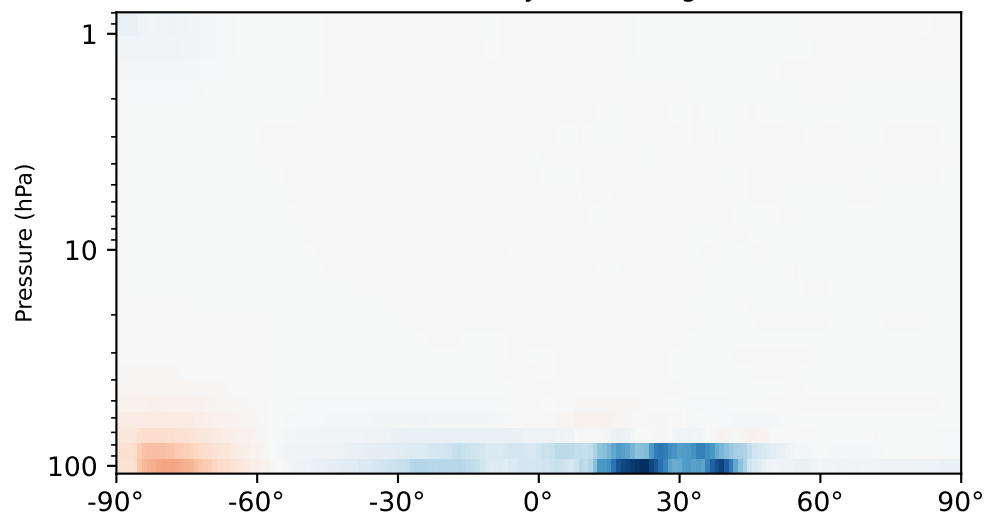
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



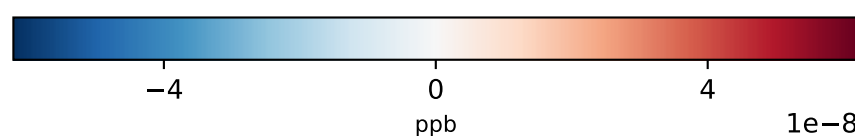
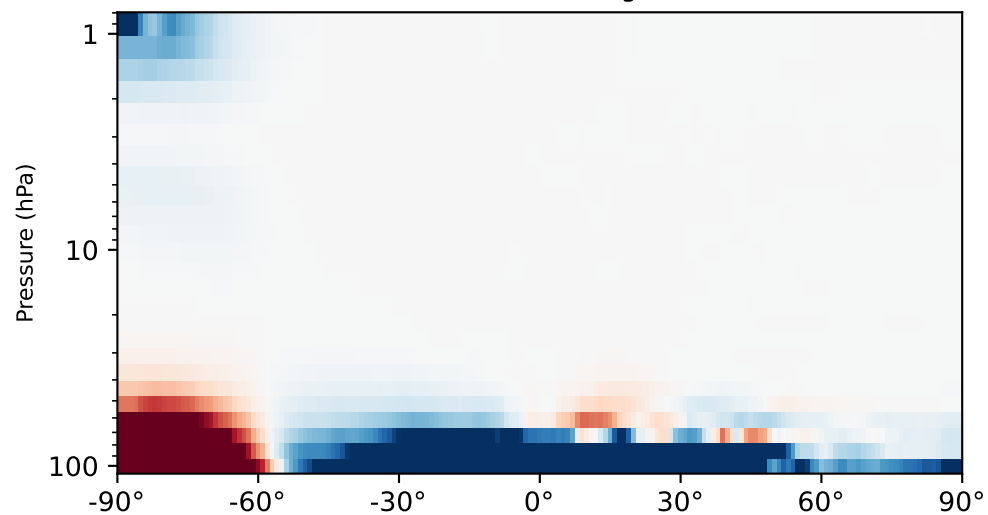
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



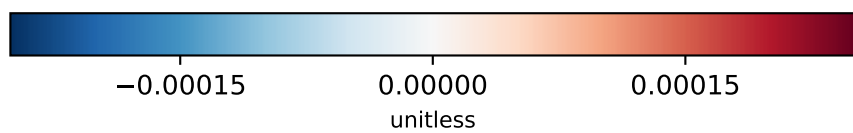
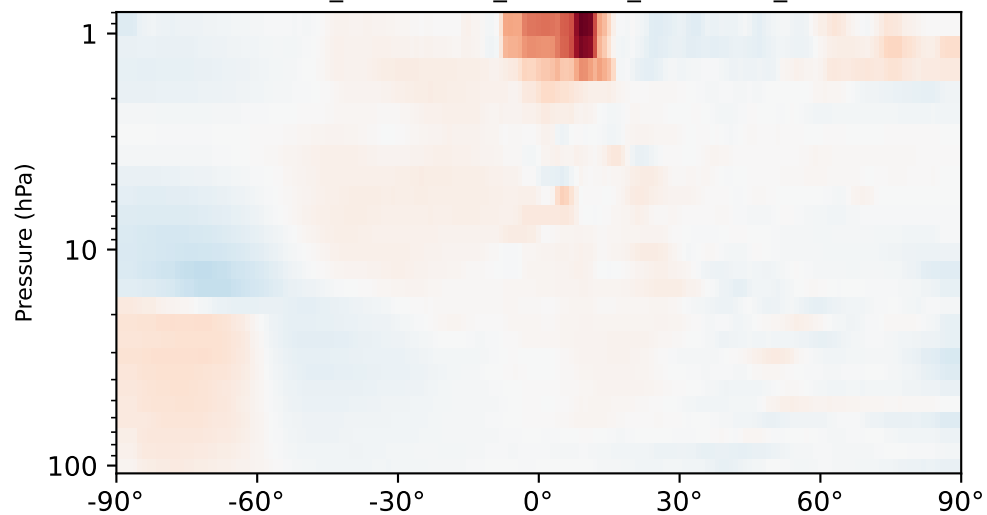
Difference (1x1.25)
Dev - Ref, Dynamic Range



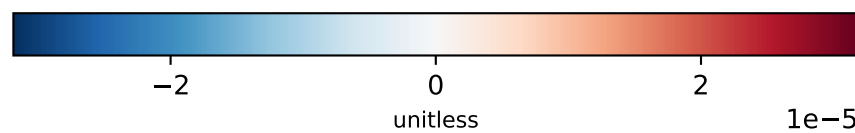
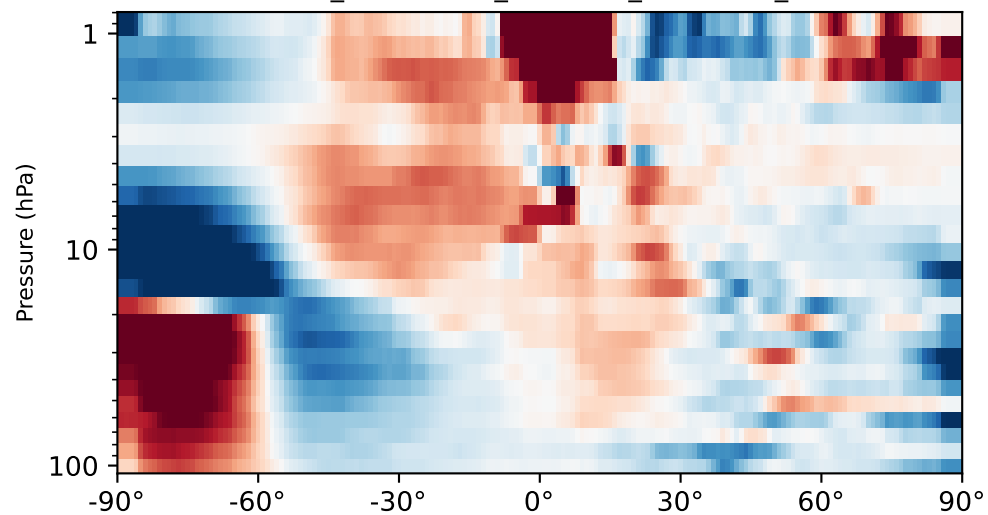
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

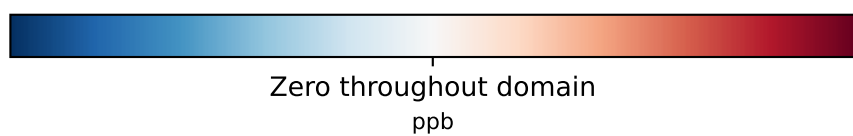
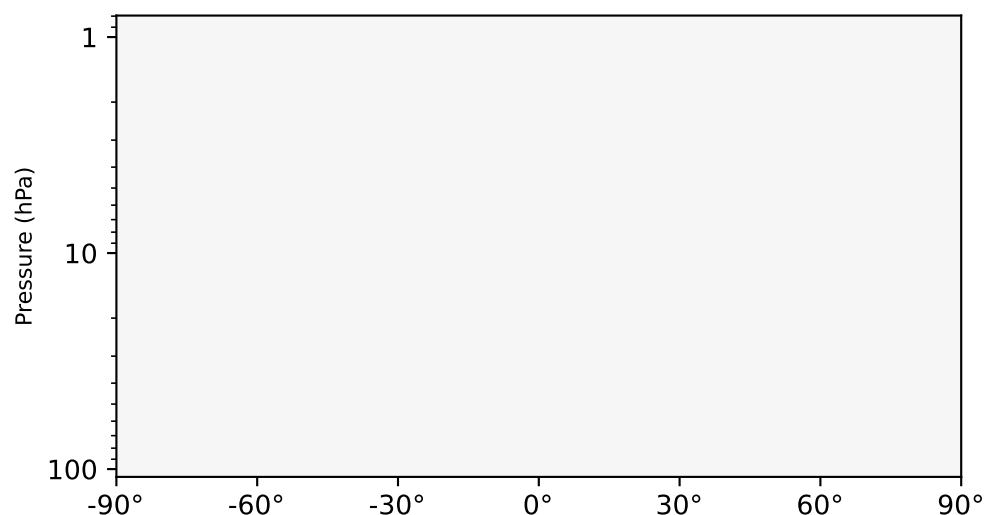


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

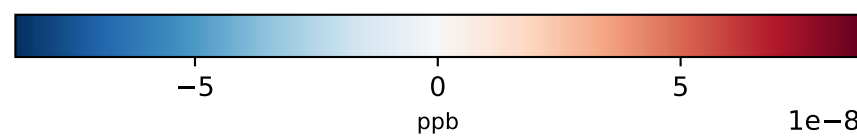
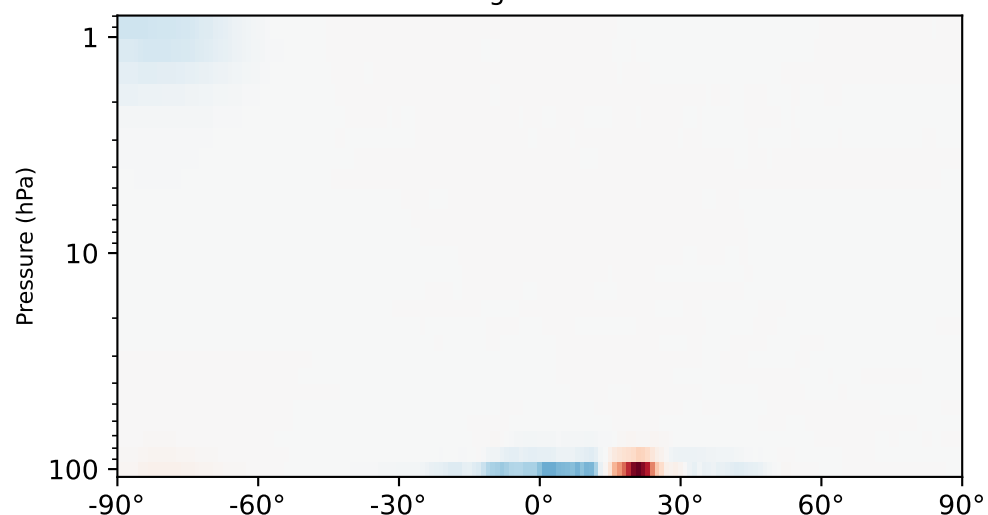


SpeciesConcVV_PPN, Zonal Mean

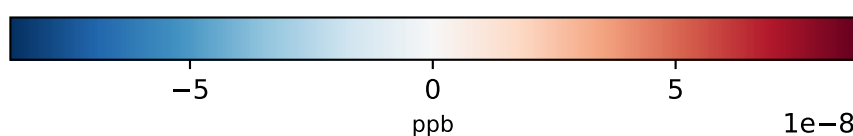
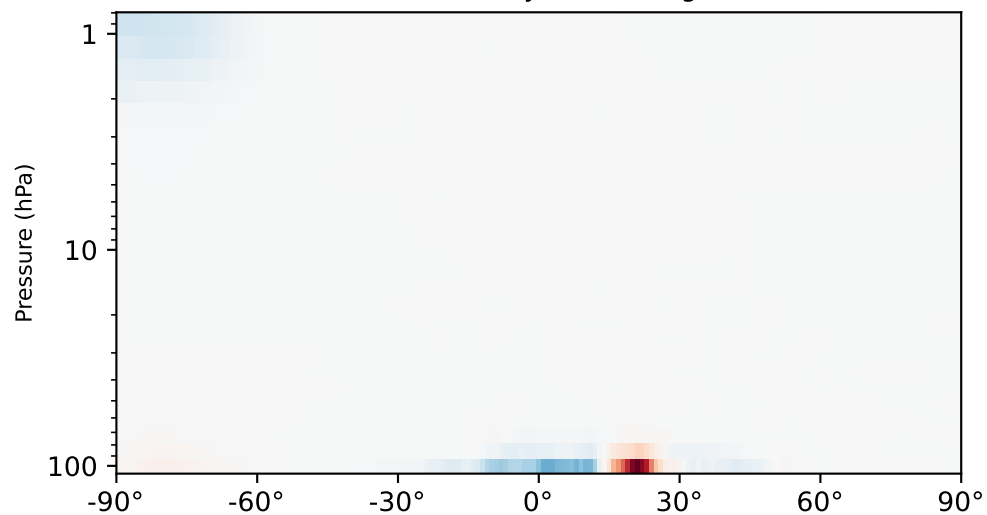
gcc-4x5-1Mon-14.6.3_-gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



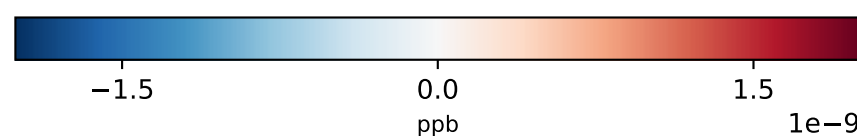
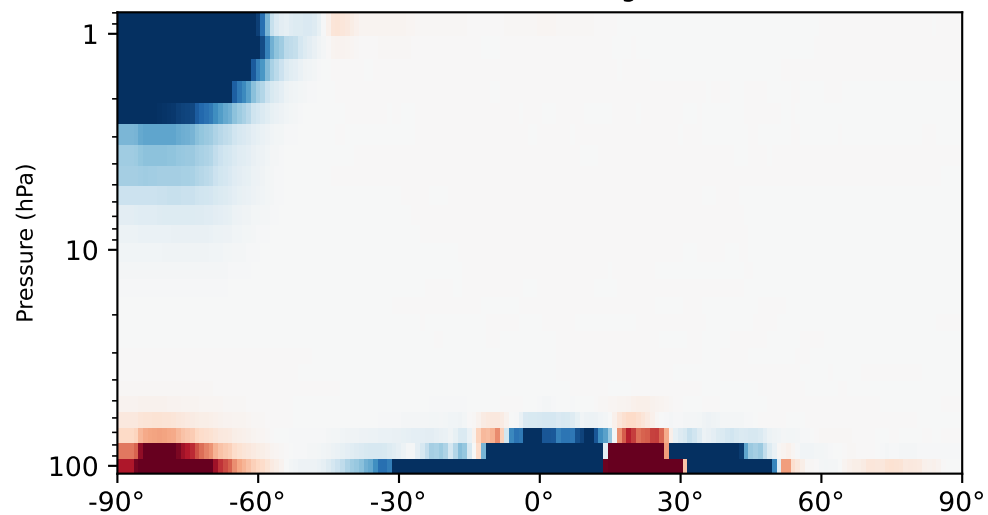
gchp-c24-1Mon-14.6.3_-gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



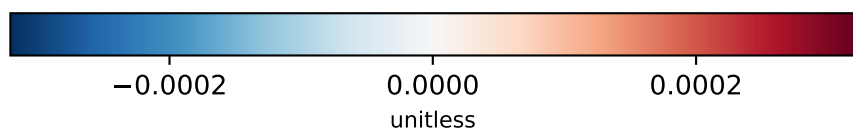
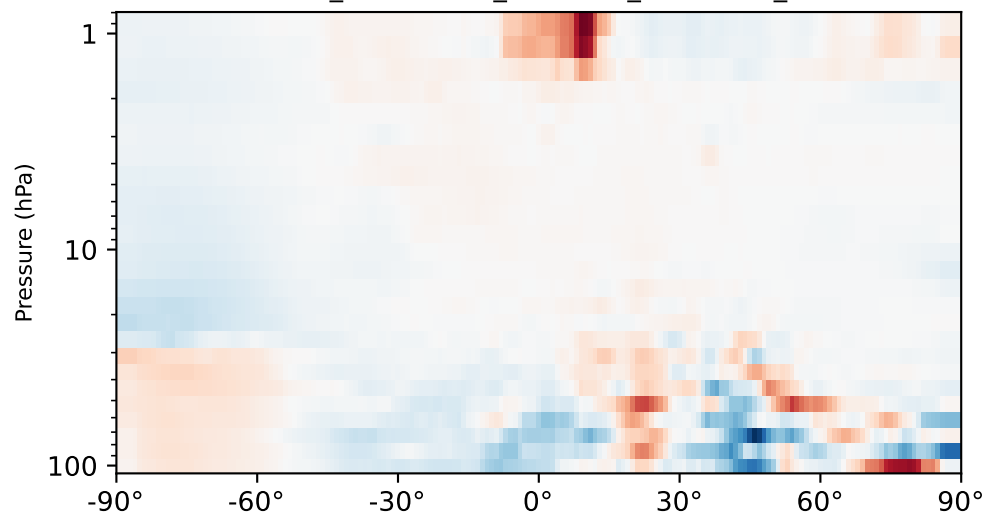
Difference (1x1.25)
Dev - Ref, Dynamic Range



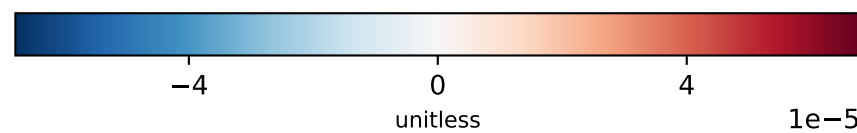
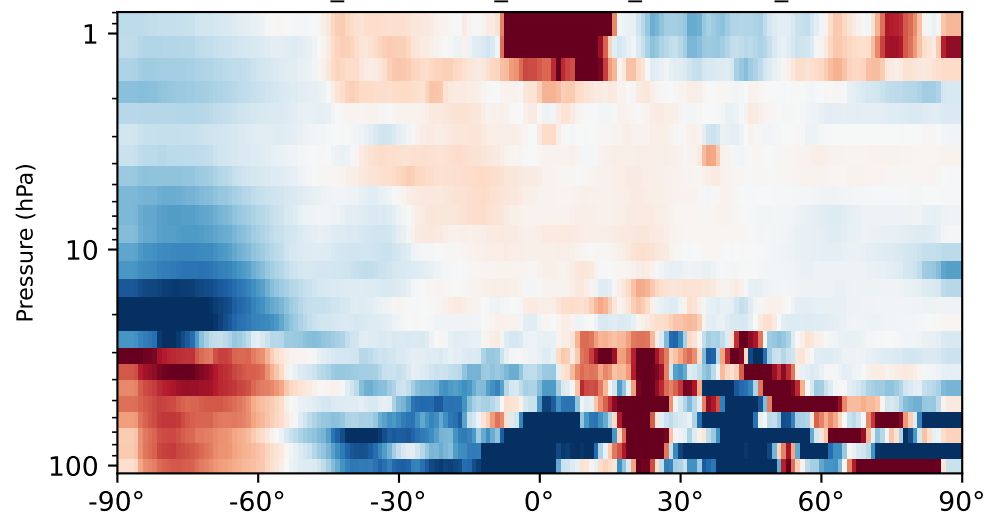
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

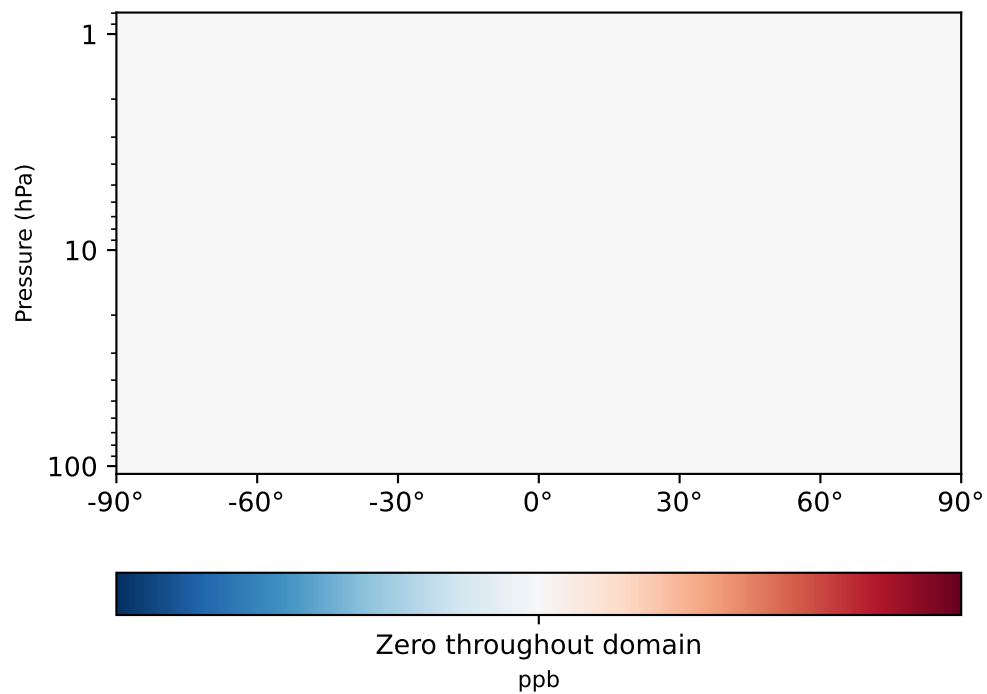


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

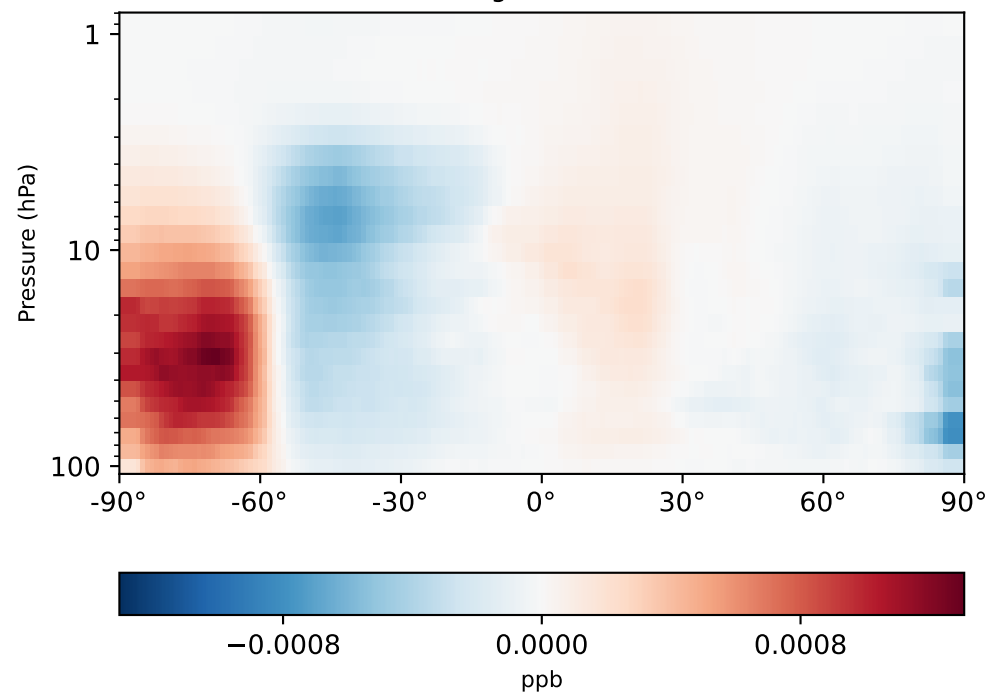


SpeciesConcVV_N2O, Zonal Mean

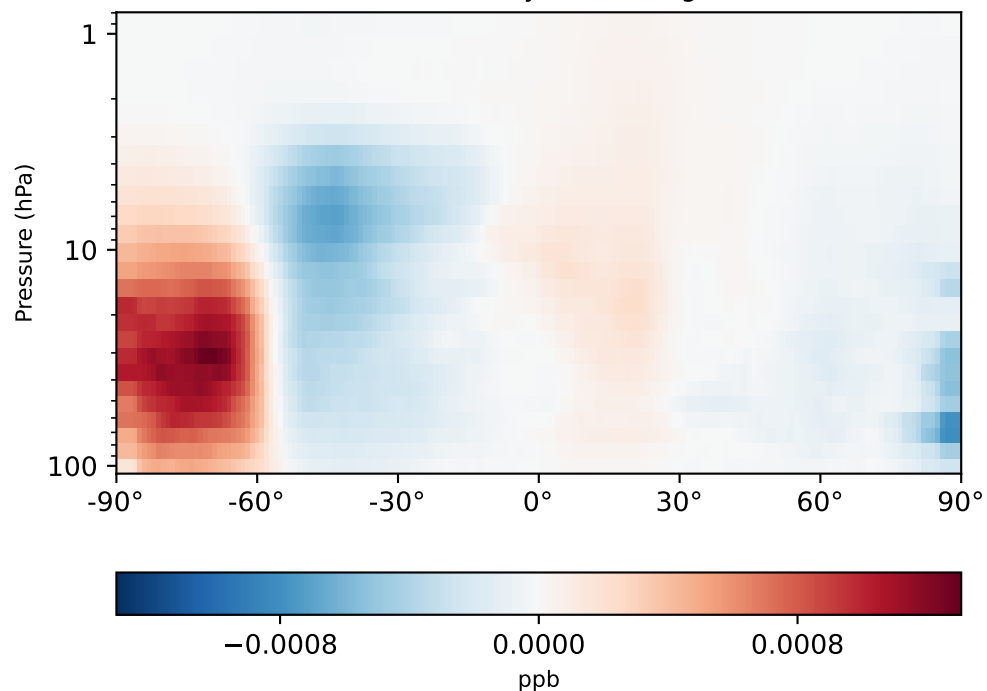
gcc-4x5-1Mon-14.6.3 - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



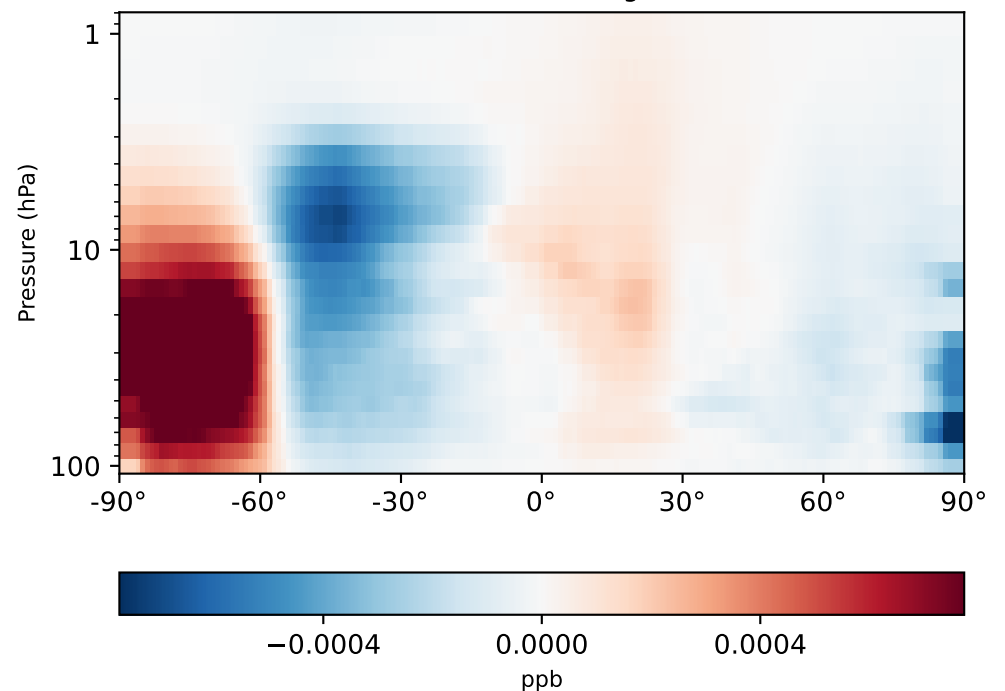
gchp-c24-1Mon-14.6.3 - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



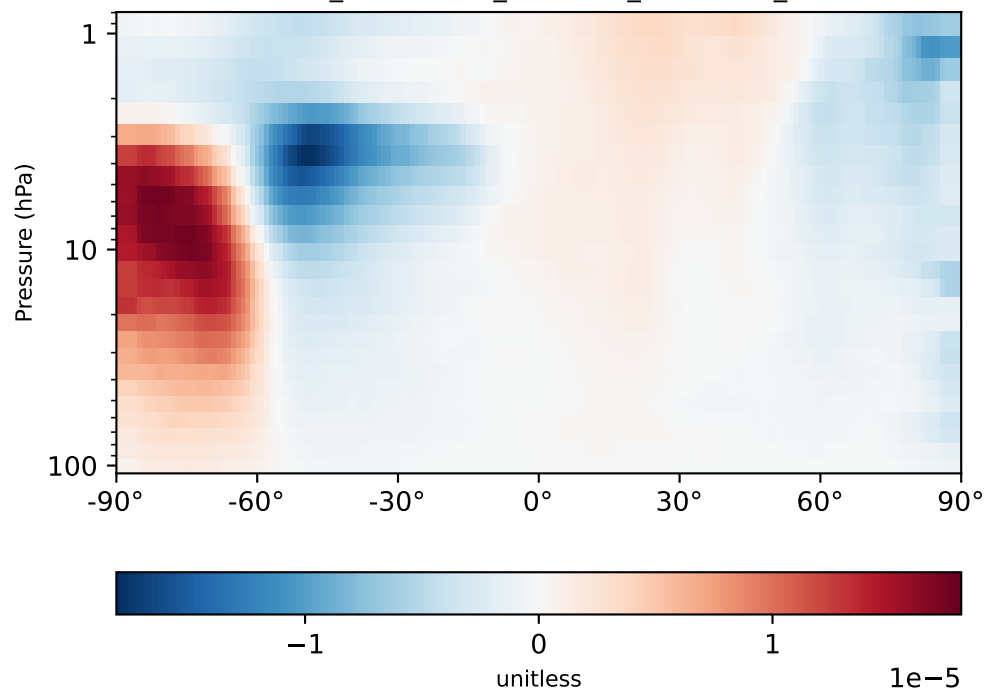
Difference (1x1.25)
Dev - Ref, Dynamic Range



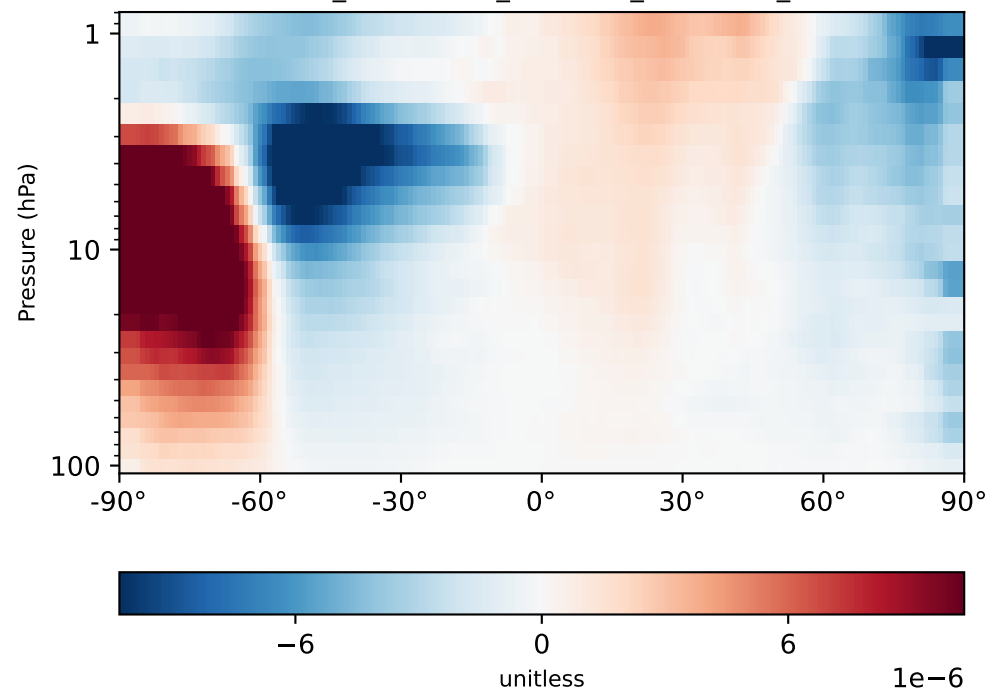
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

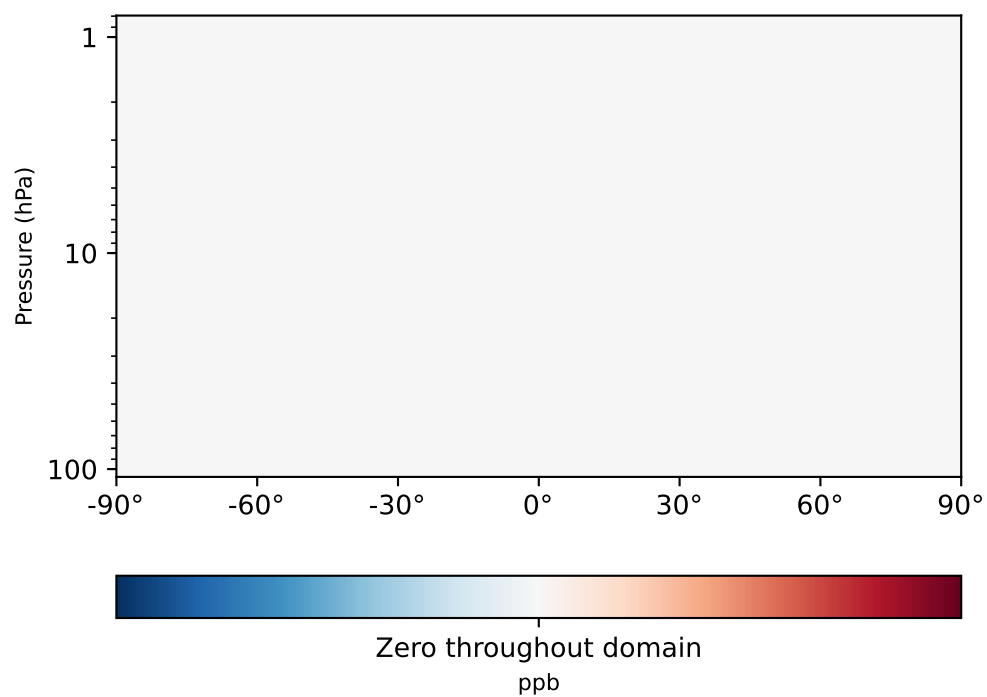


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

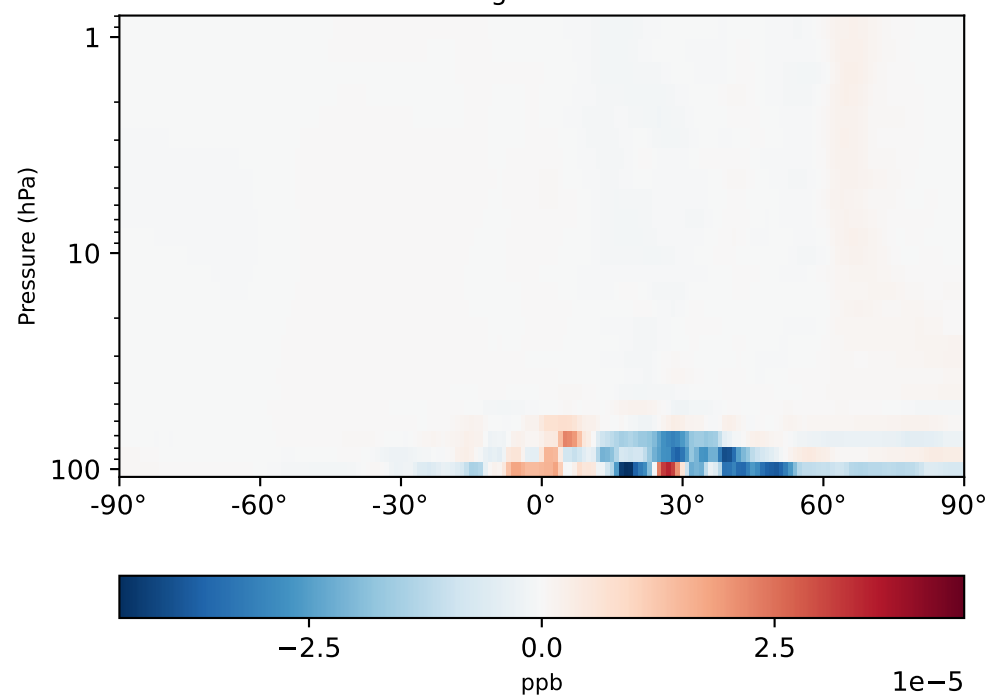


SpeciesConcVV_NHx, Zonal Mean

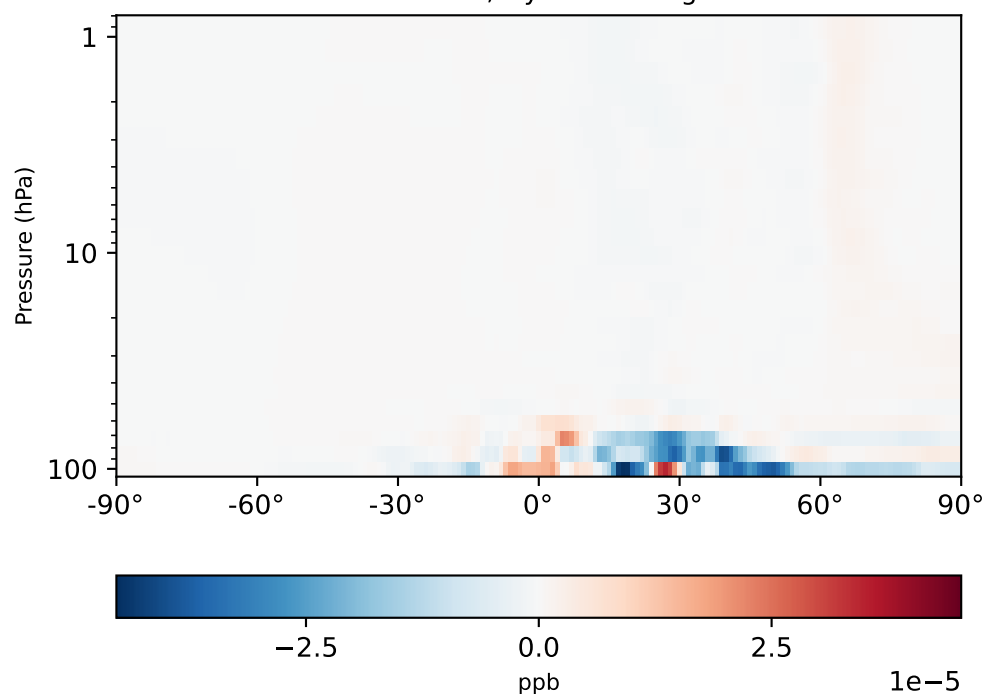
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



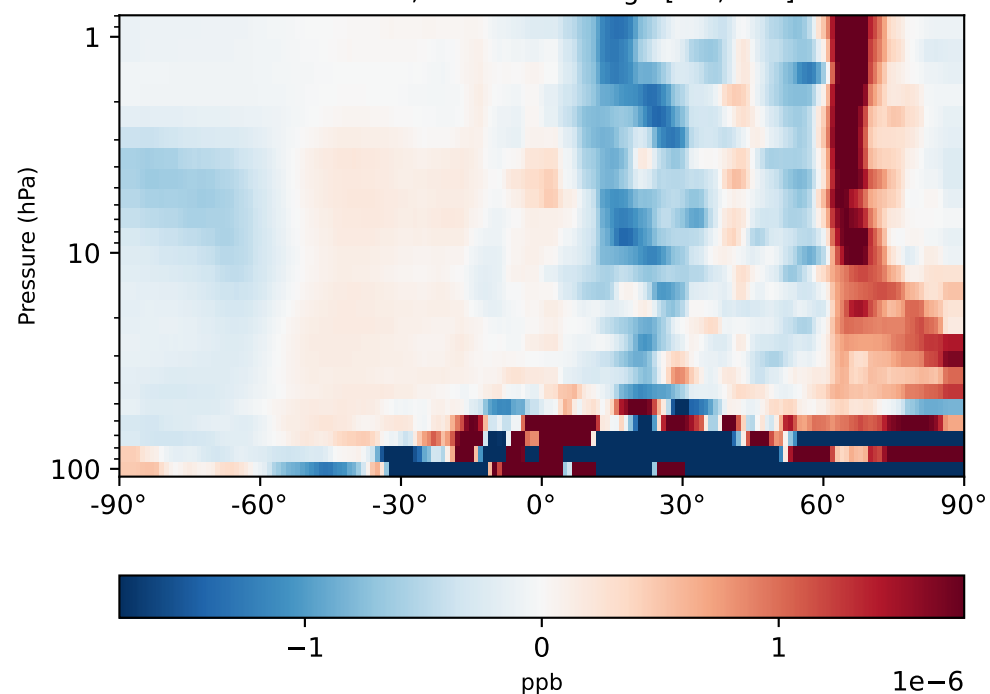
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



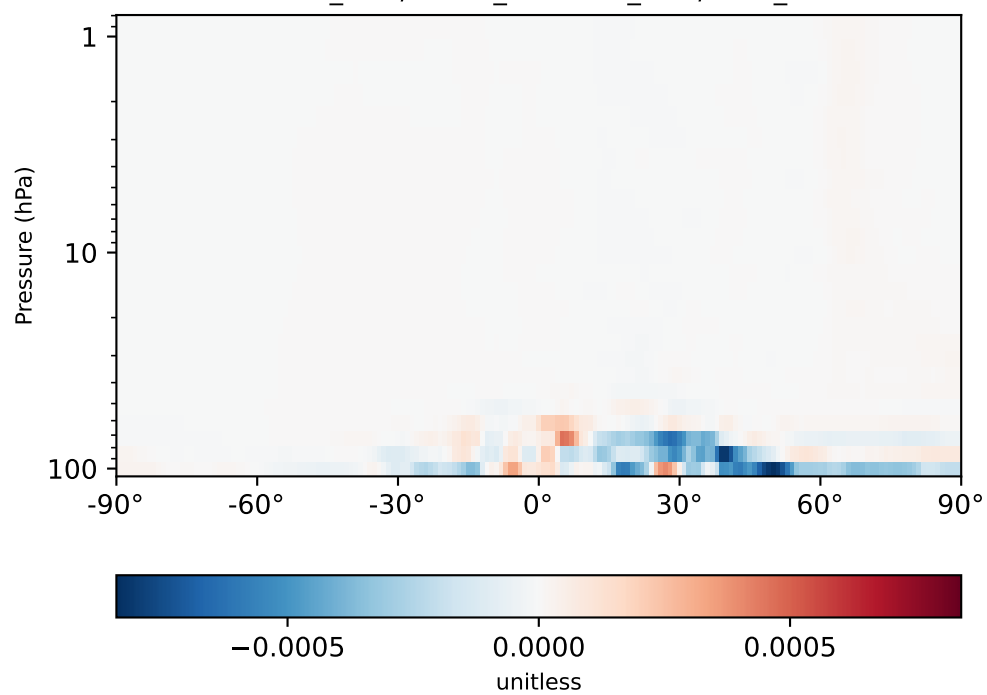
Difference (1x1.25)
Dev - Ref, Dynamic Range



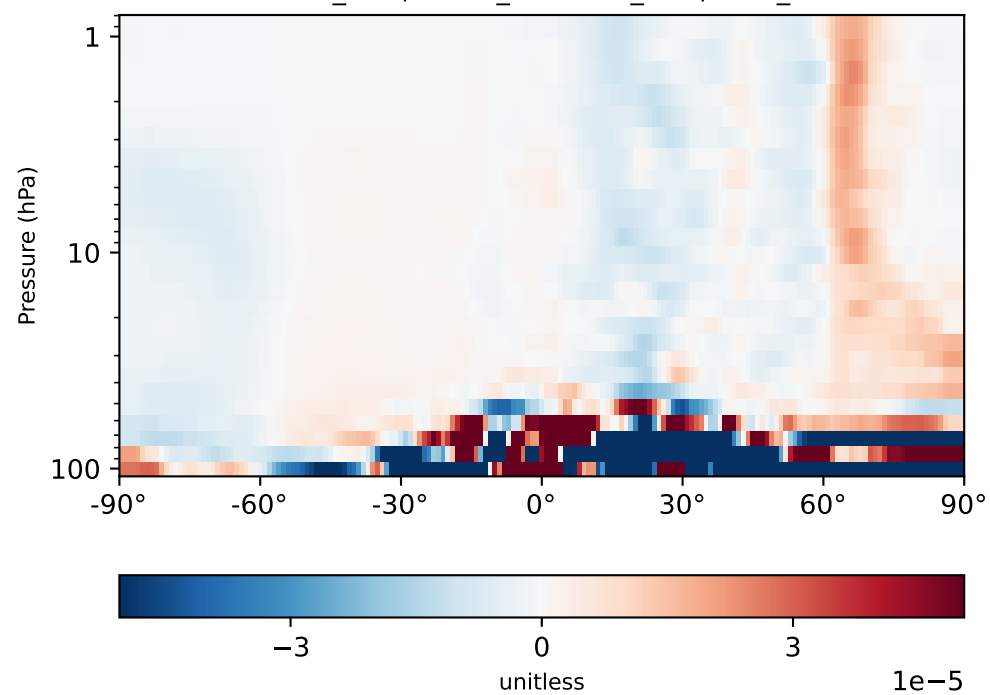
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

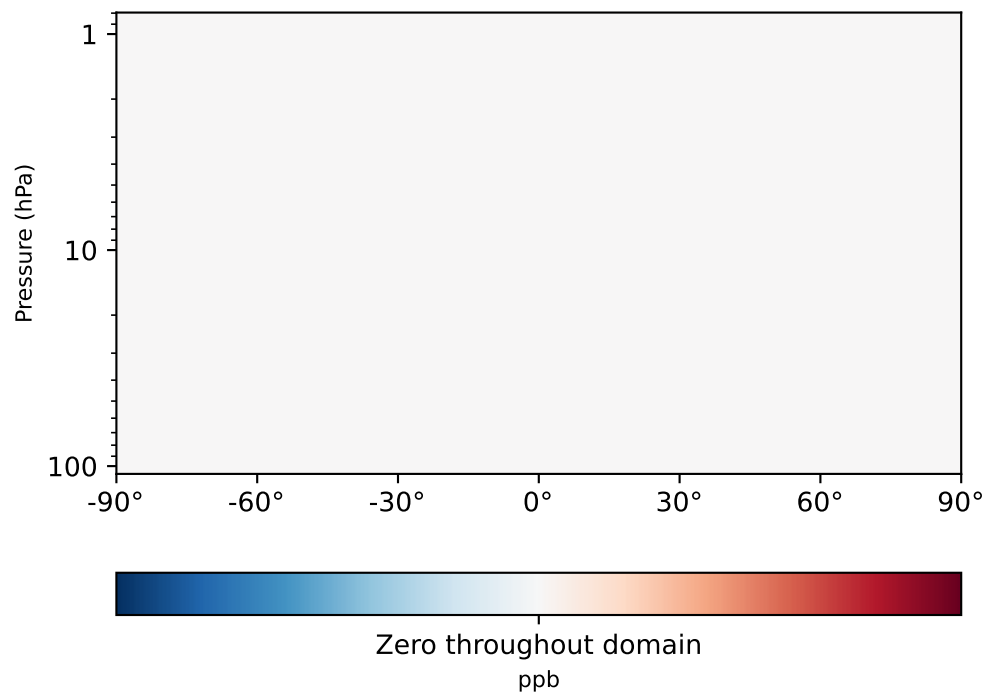


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

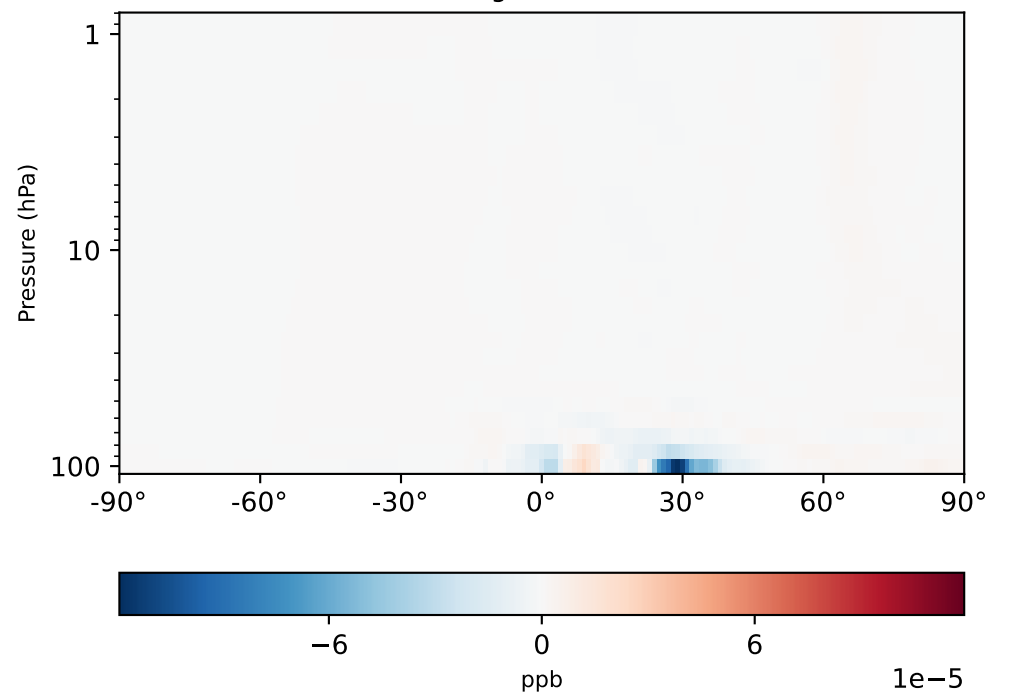


SpeciesConcVV_NH3, Zonal Mean

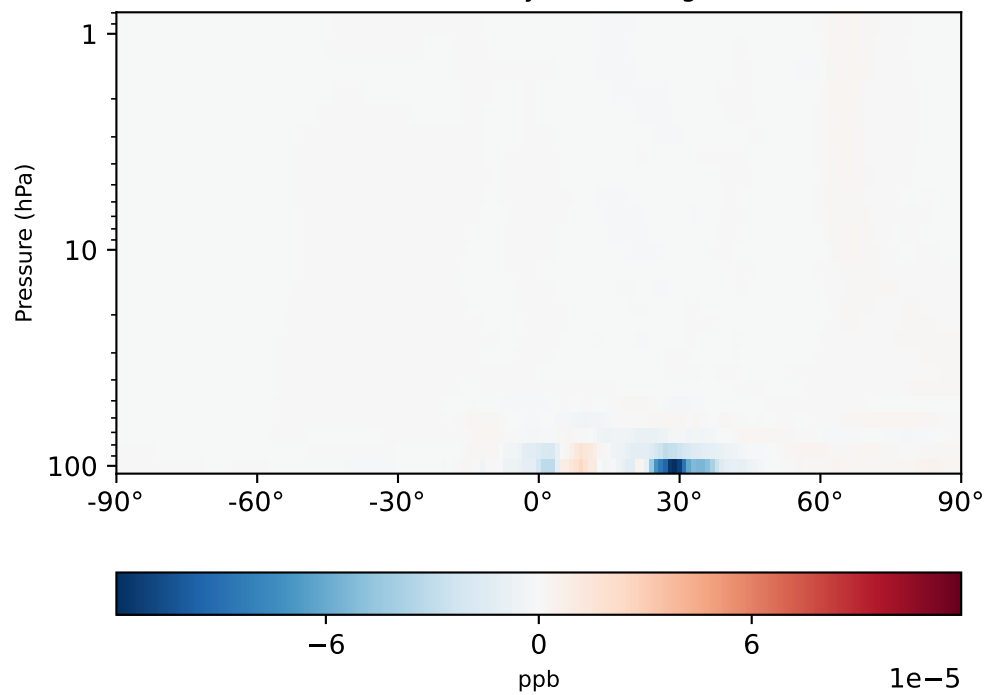
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



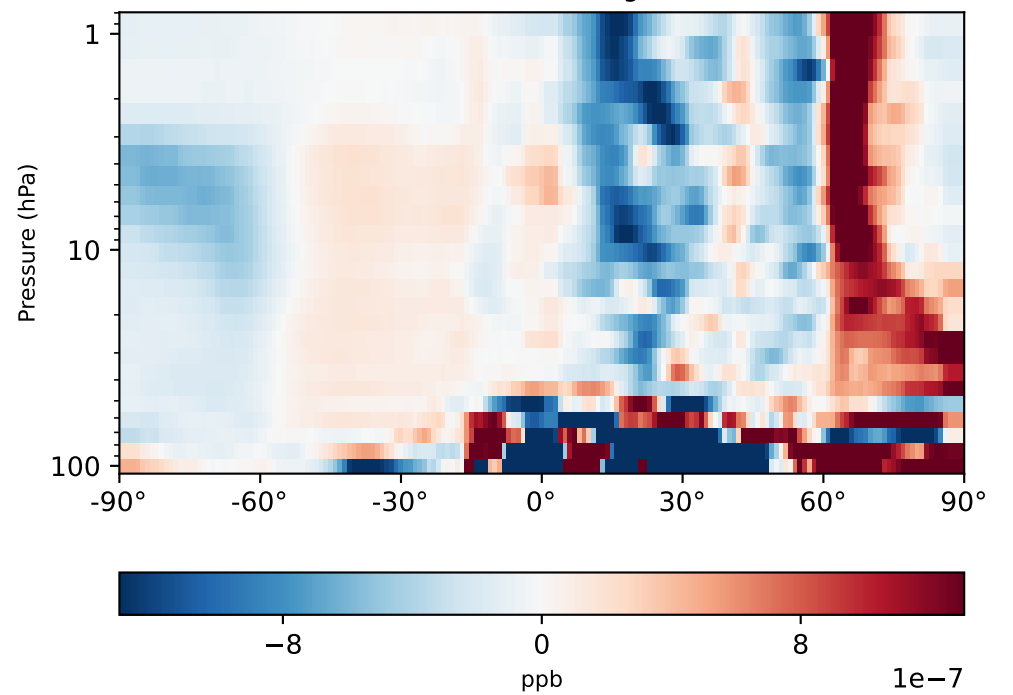
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



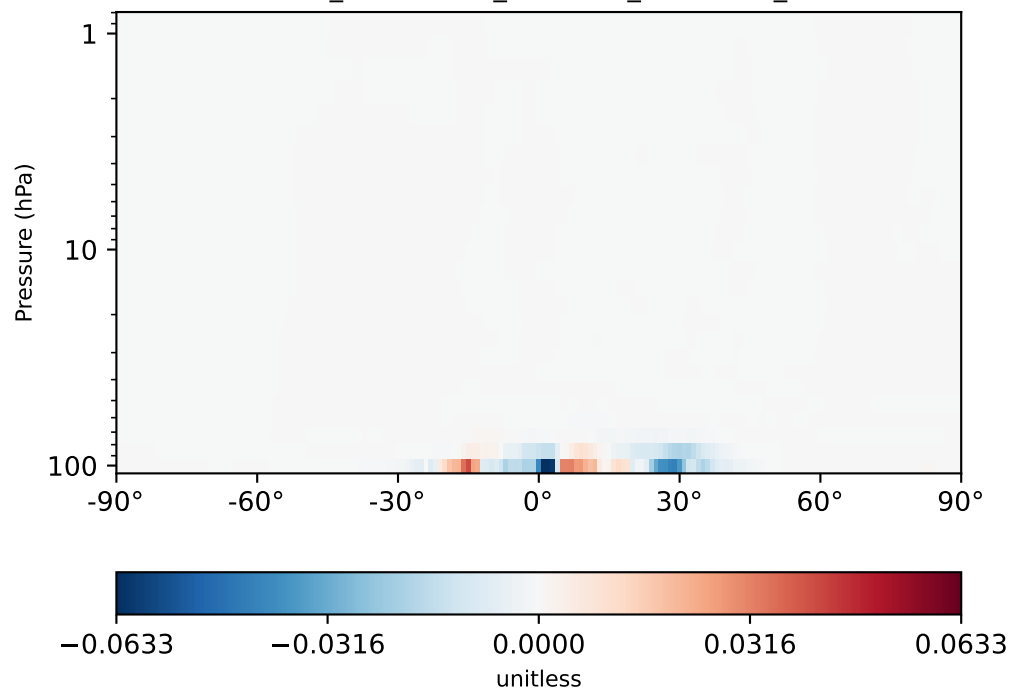
Difference (1x1.25)
Dev - Ref, Dynamic Range



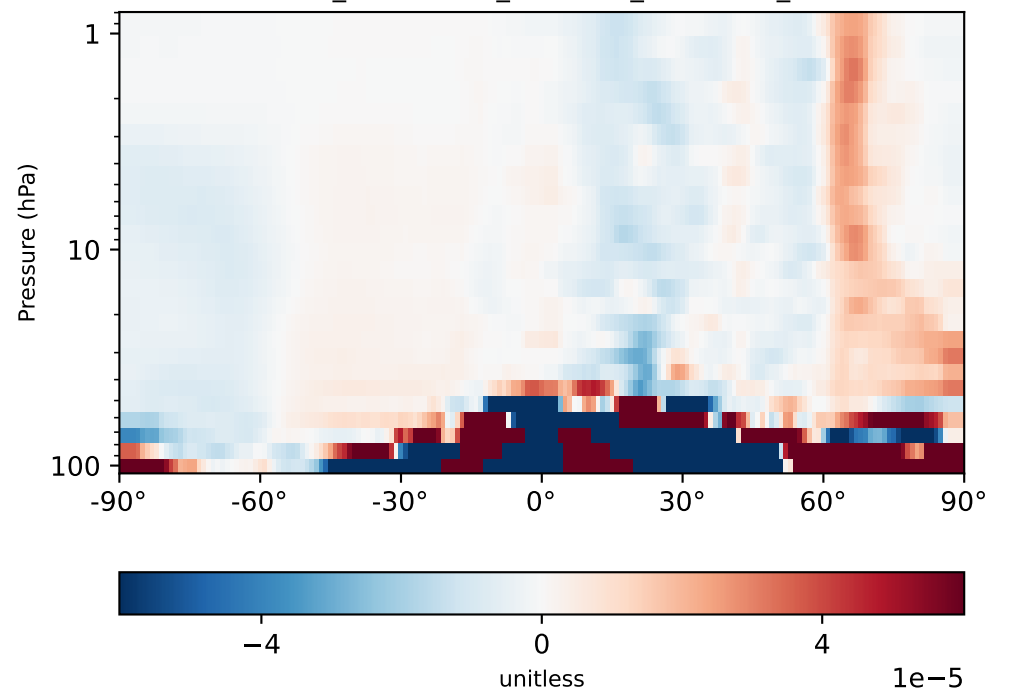
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

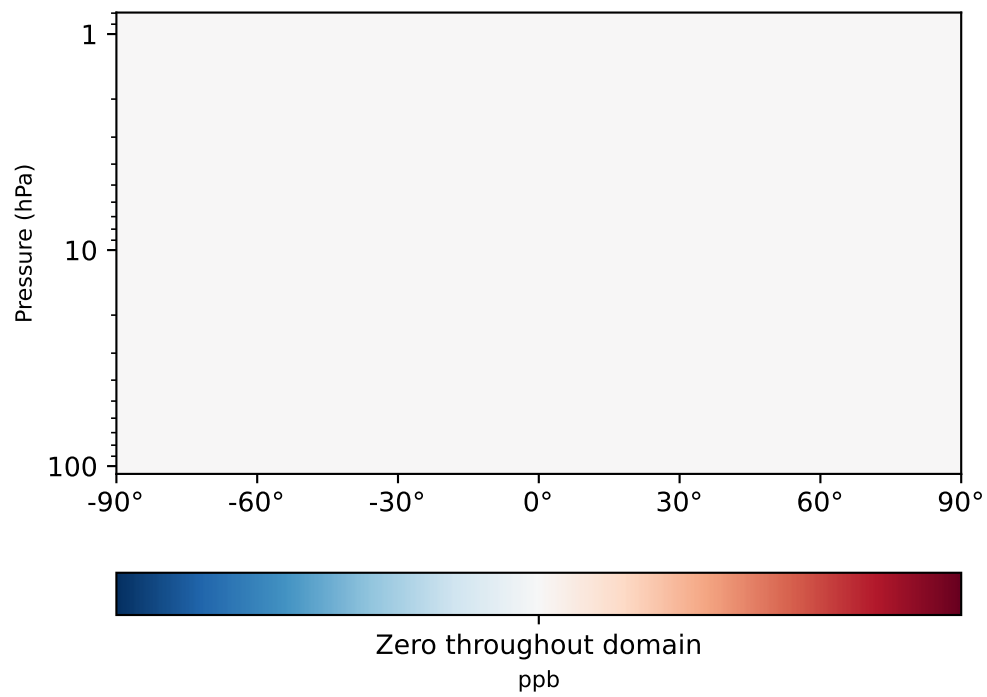


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

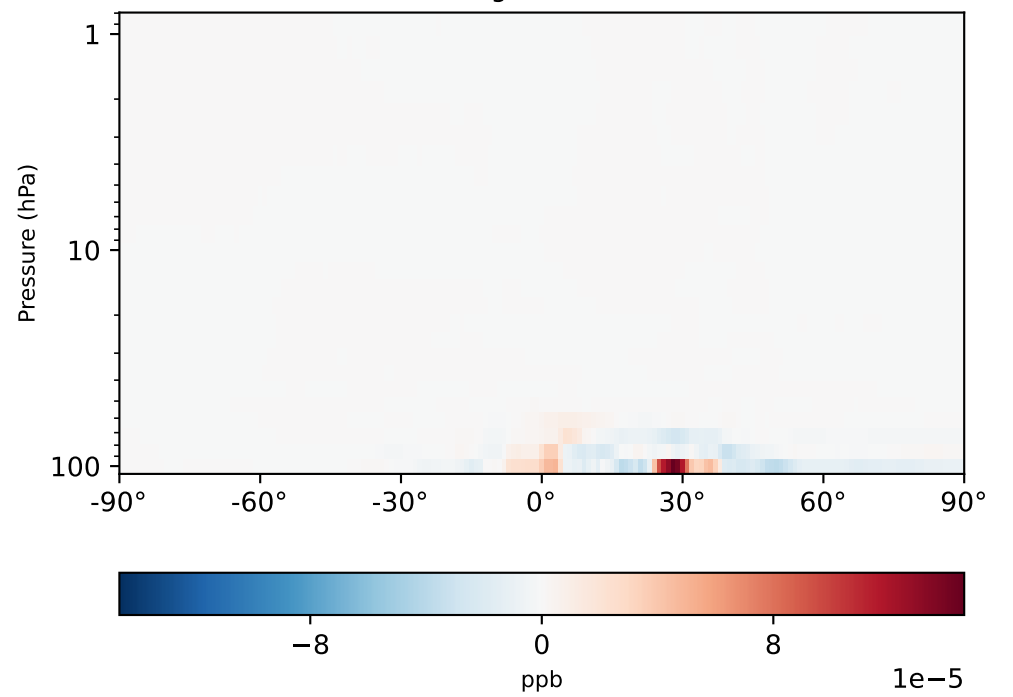


SpeciesConcVV_NH4, Zonal Mean

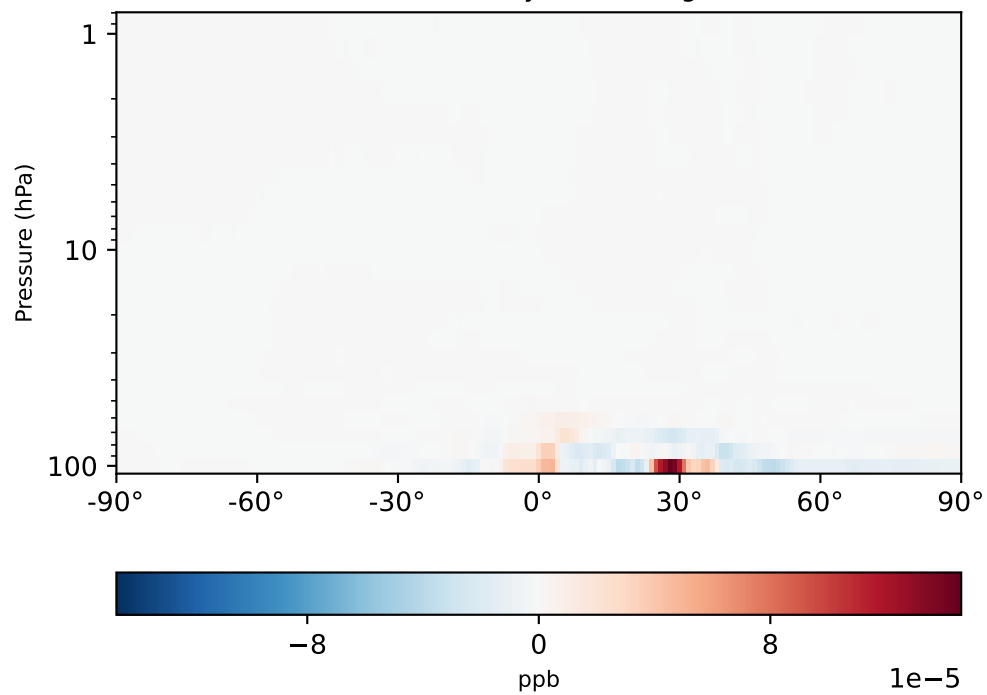
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



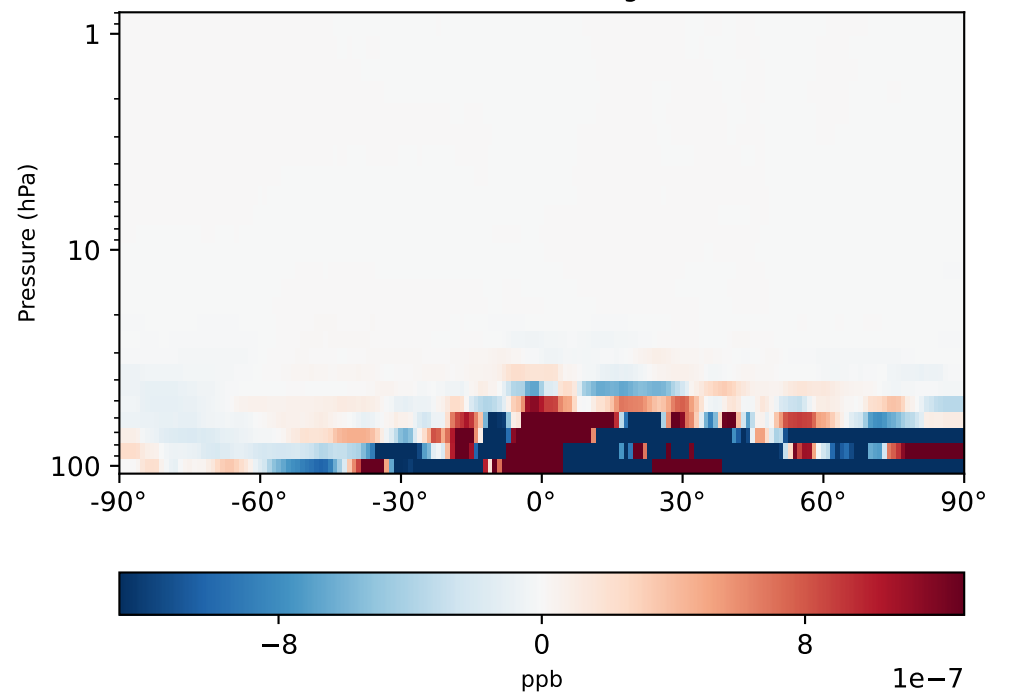
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



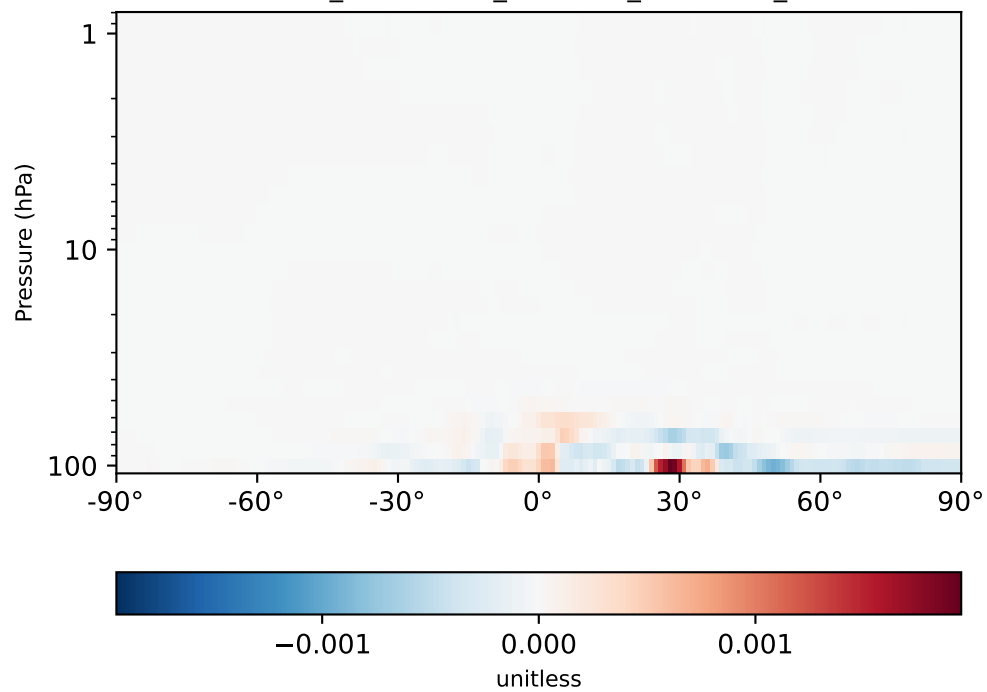
Difference (1x1.25)
Dev - Ref, Dynamic Range



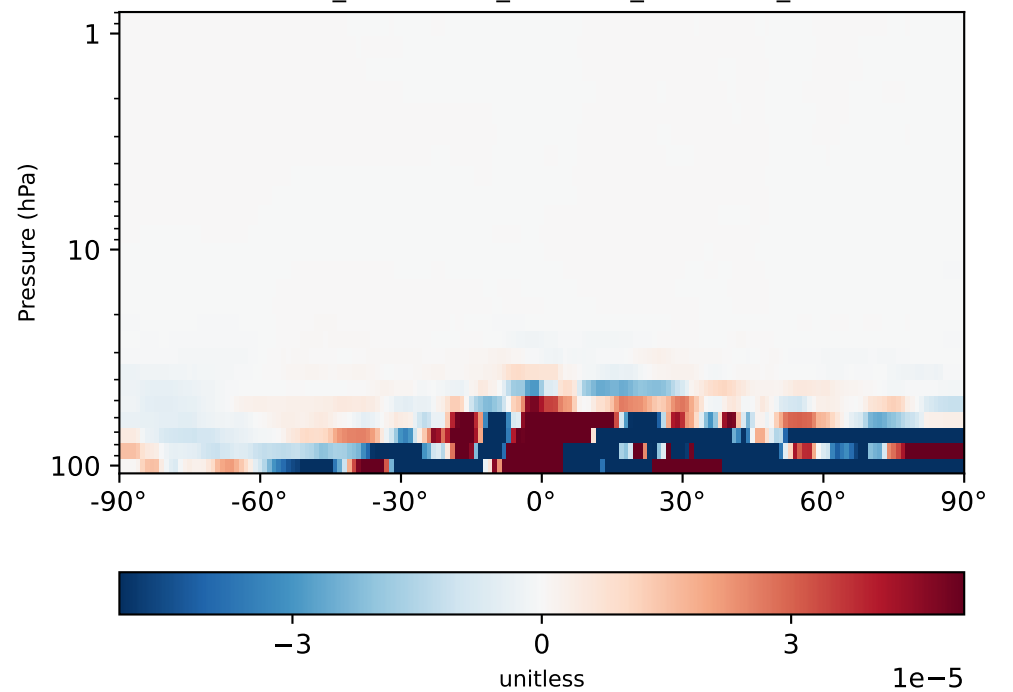
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



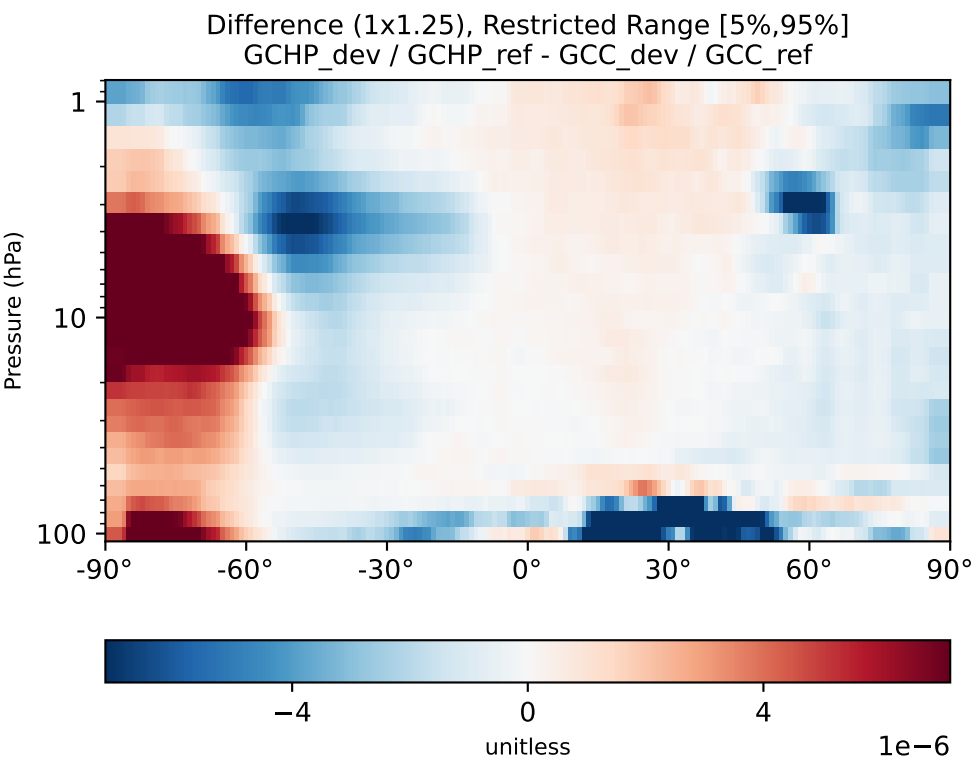
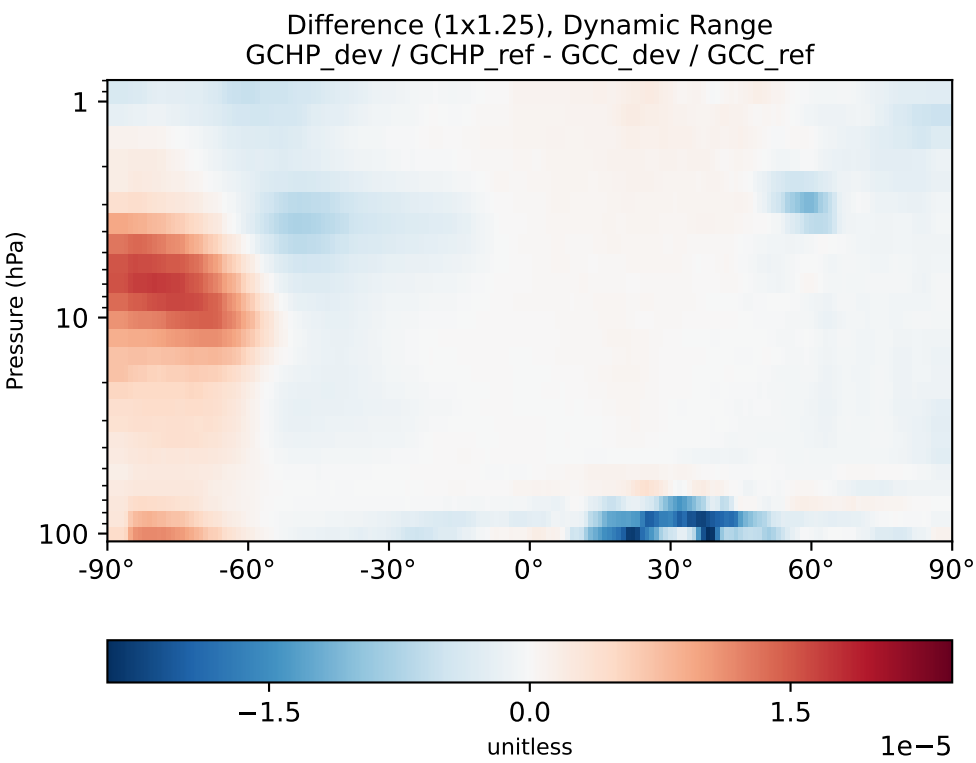
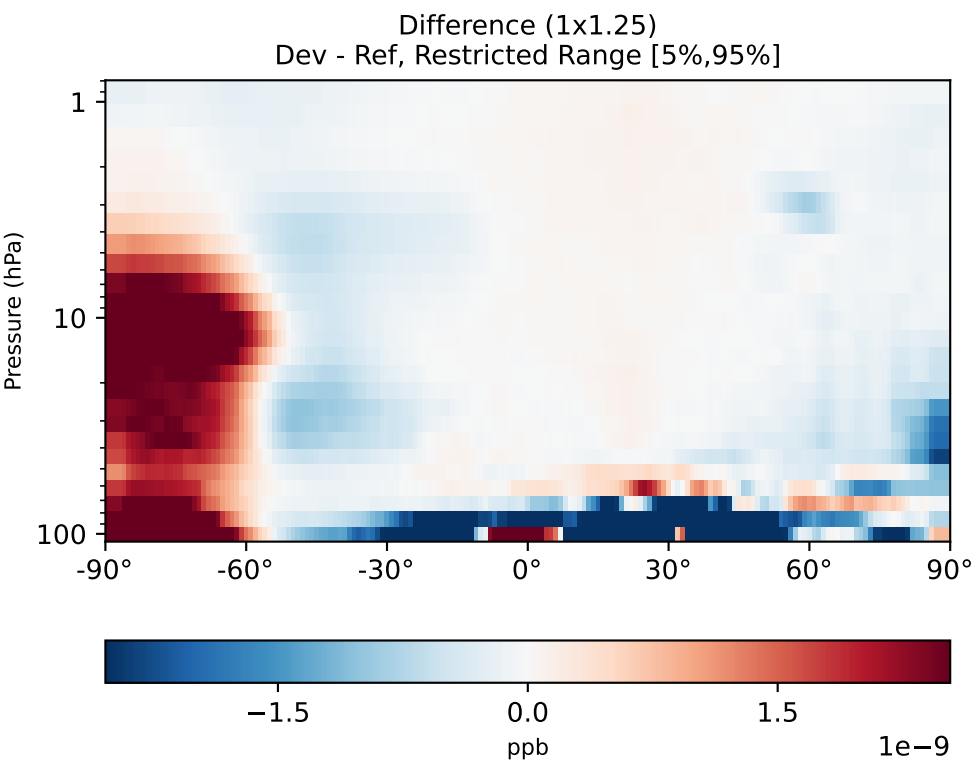
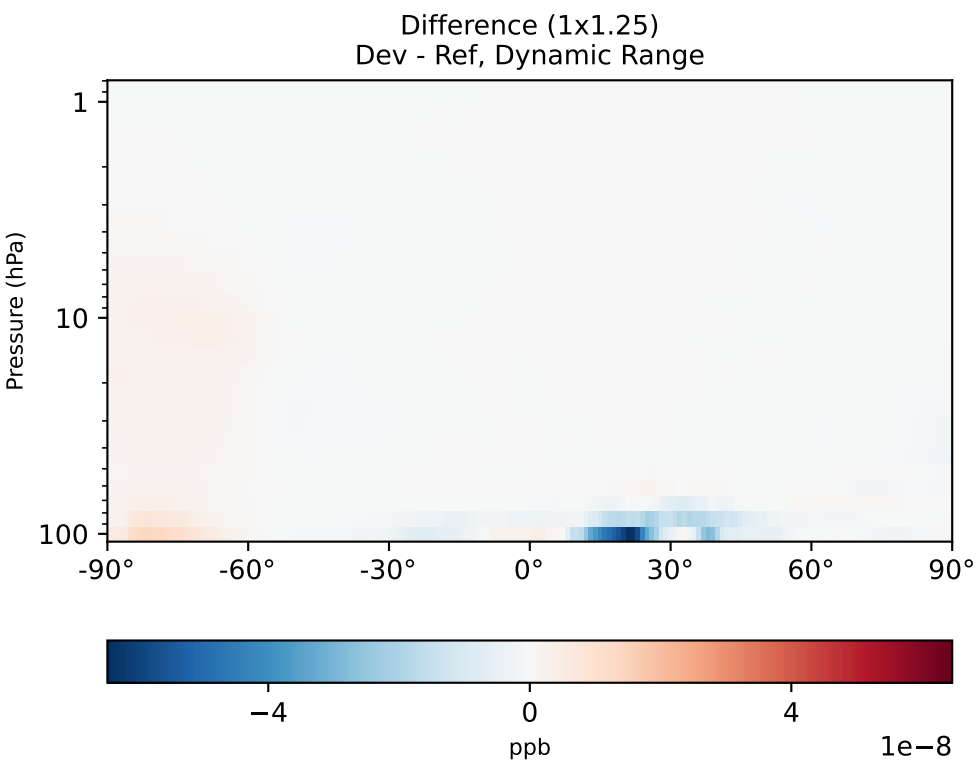
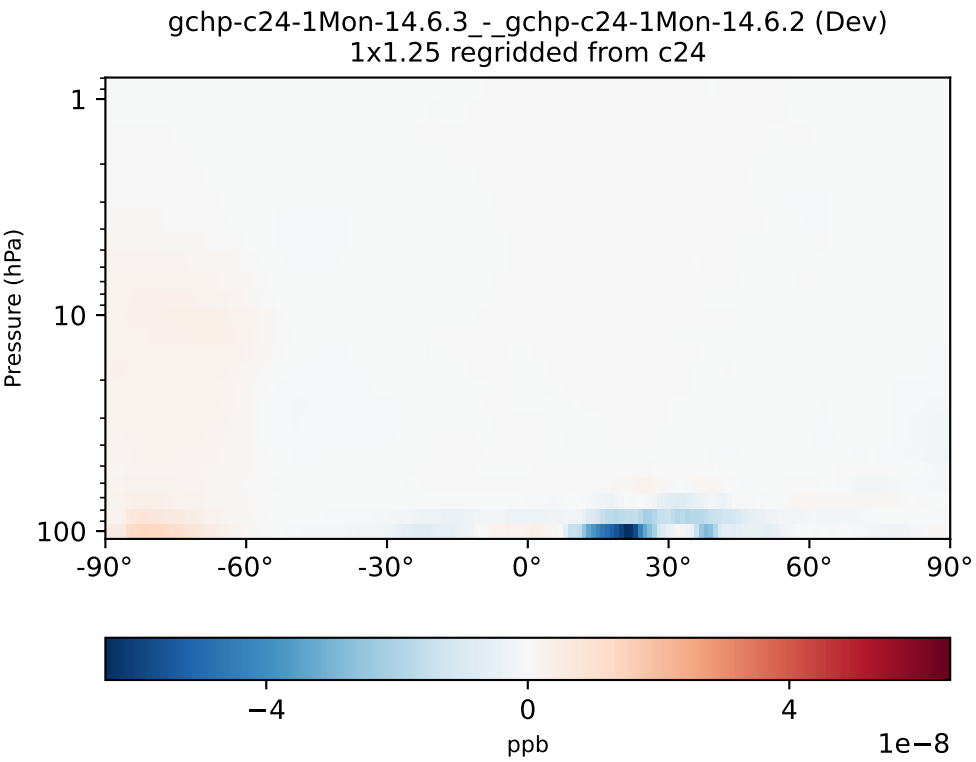
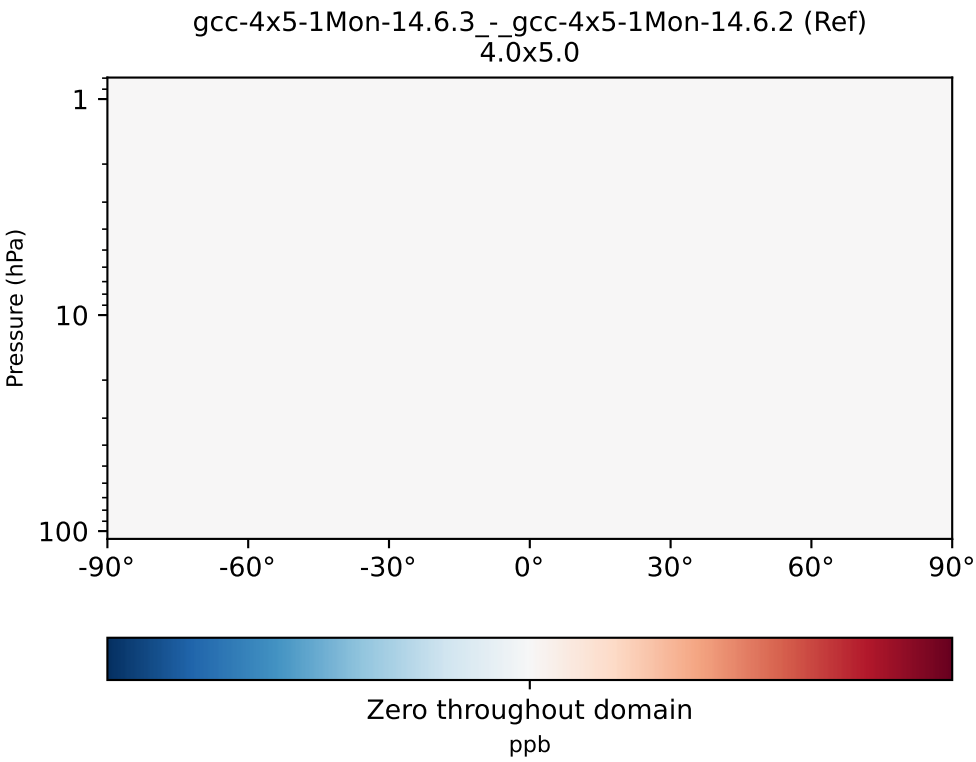
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

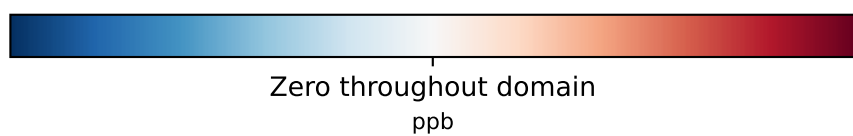
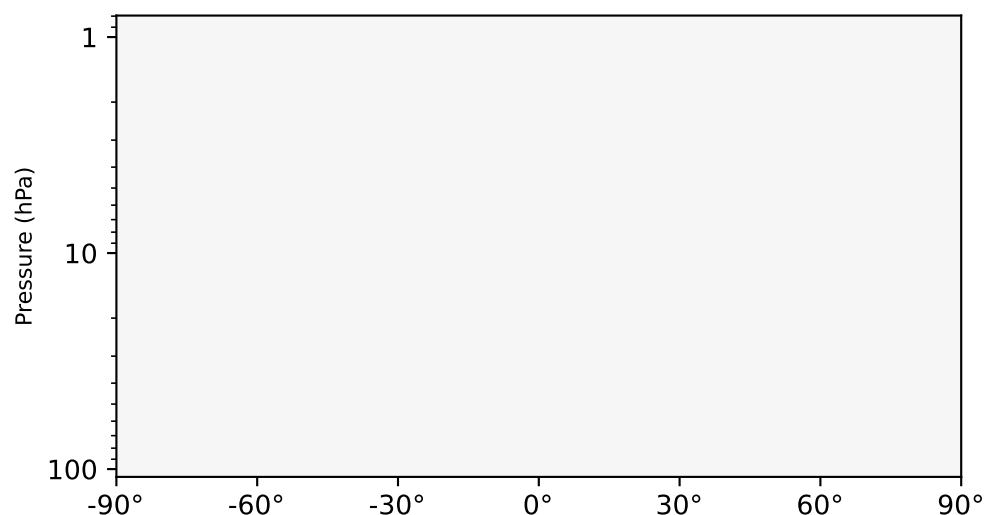


SpeciesConcVV_MEN03, Zonal Mean

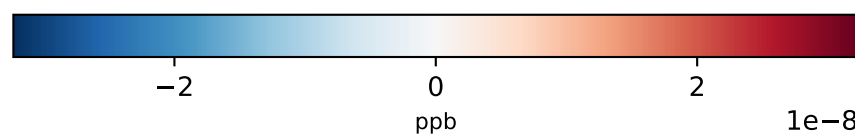
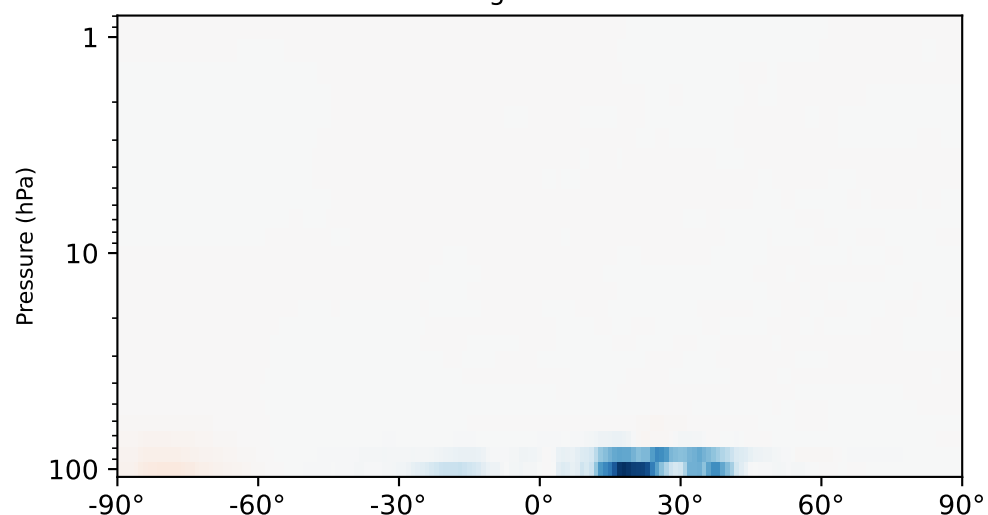


SpeciesConcVV_ETNO3, Zonal Mean

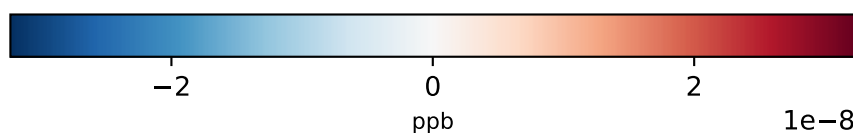
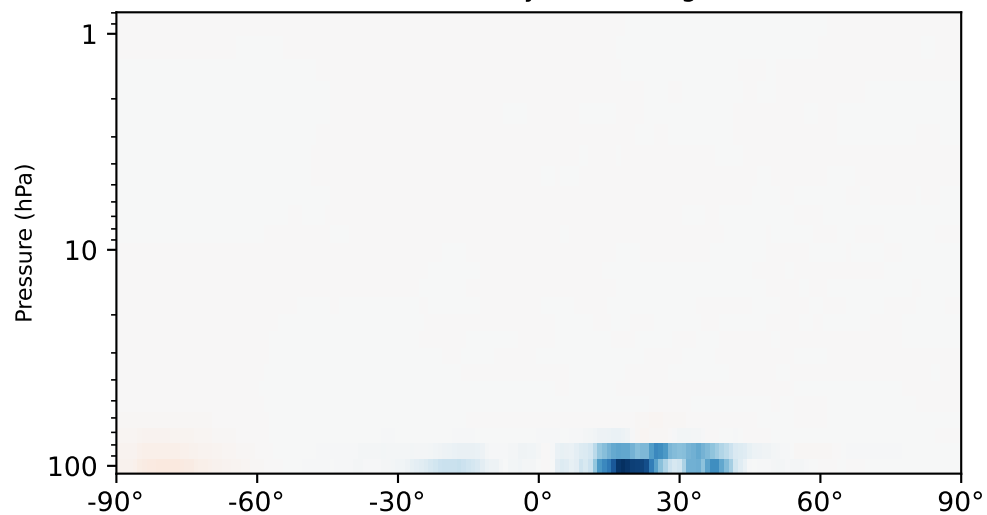
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



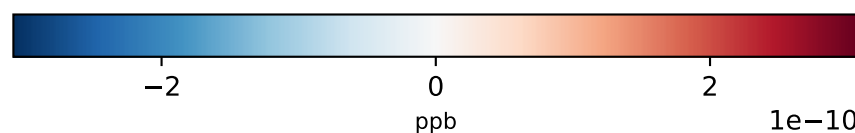
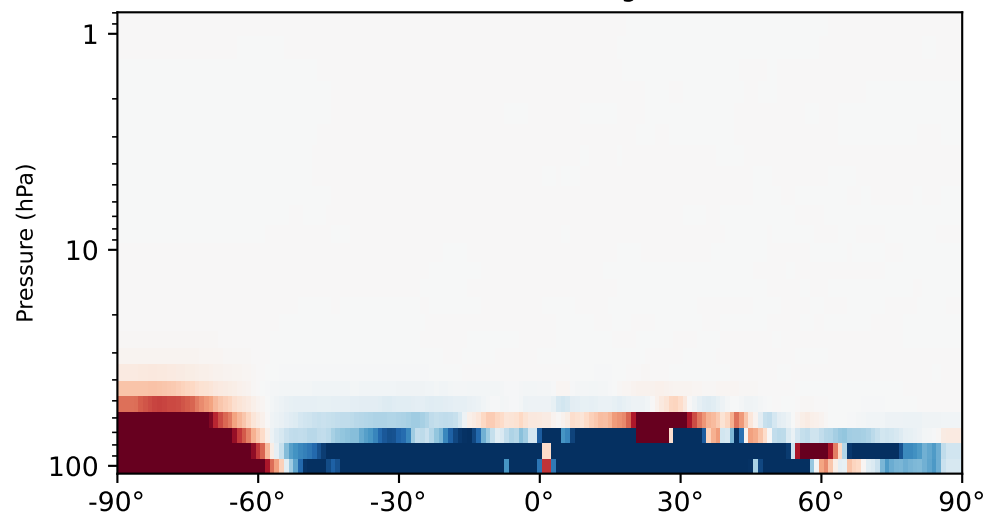
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



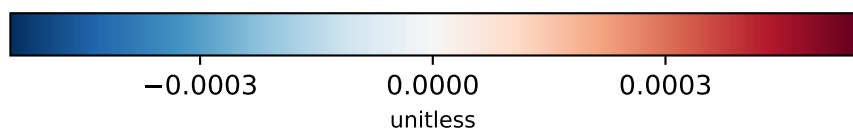
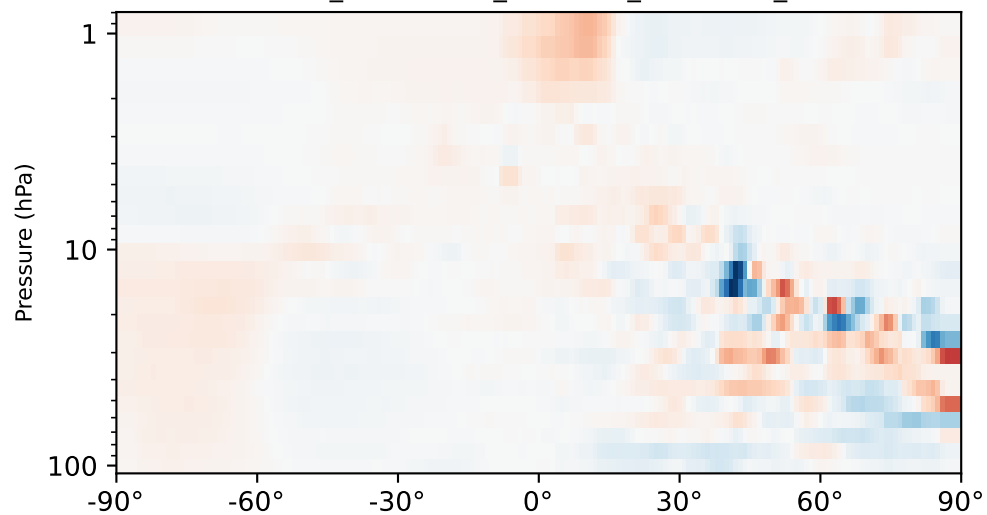
Difference (1x1.25)
Dev - Ref, Dynamic Range



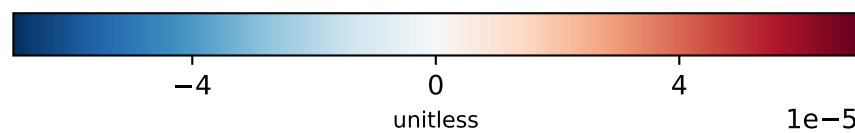
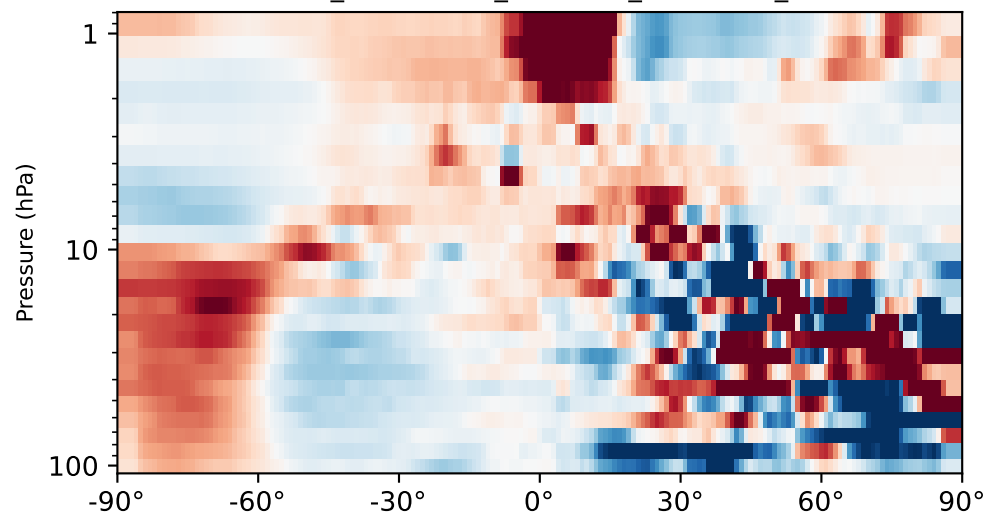
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

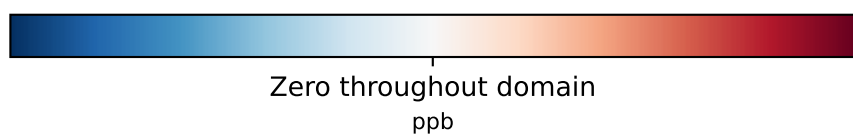
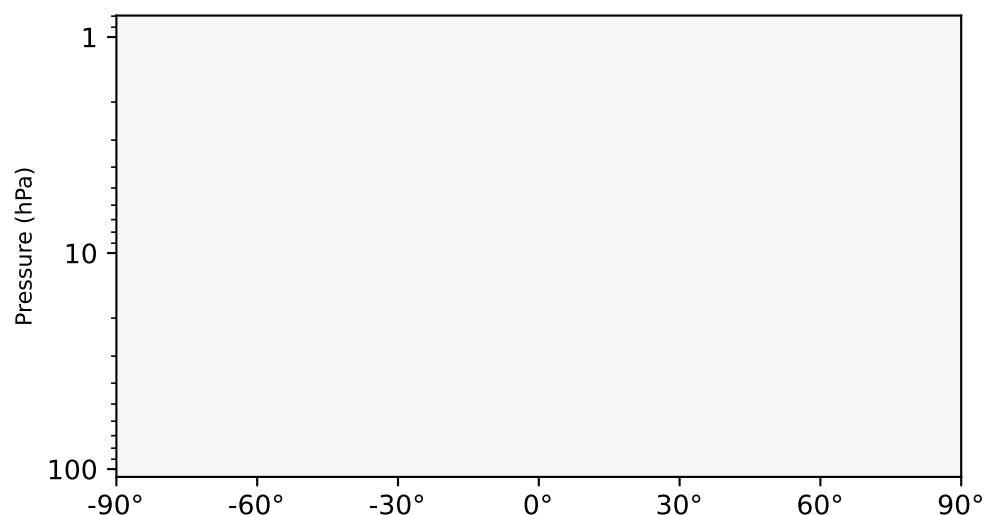


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

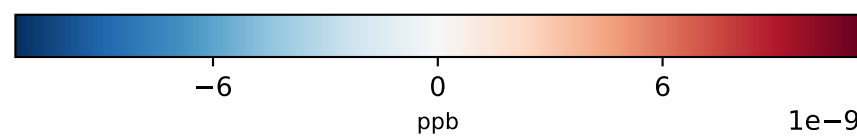
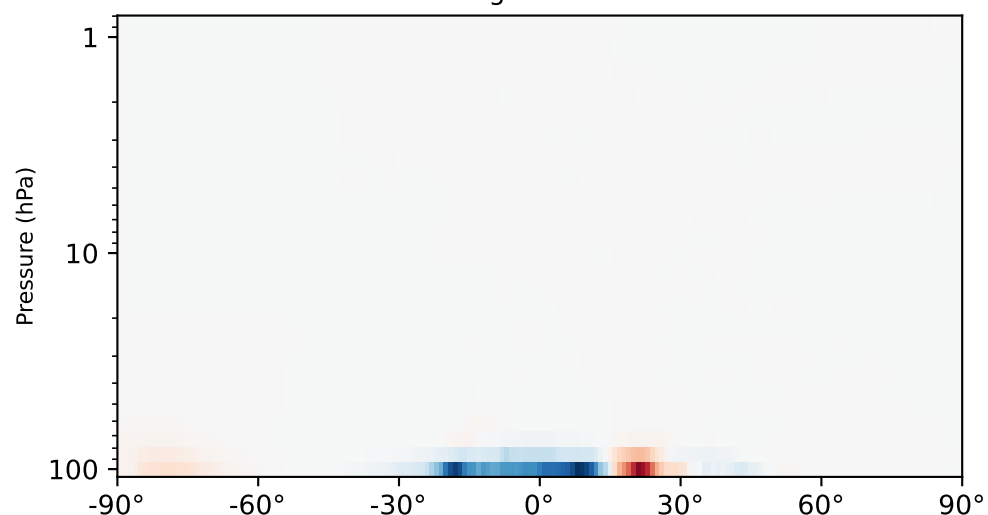


SpeciesConcVV_IPRNO3, Zonal Mean

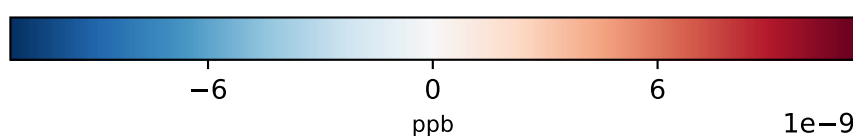
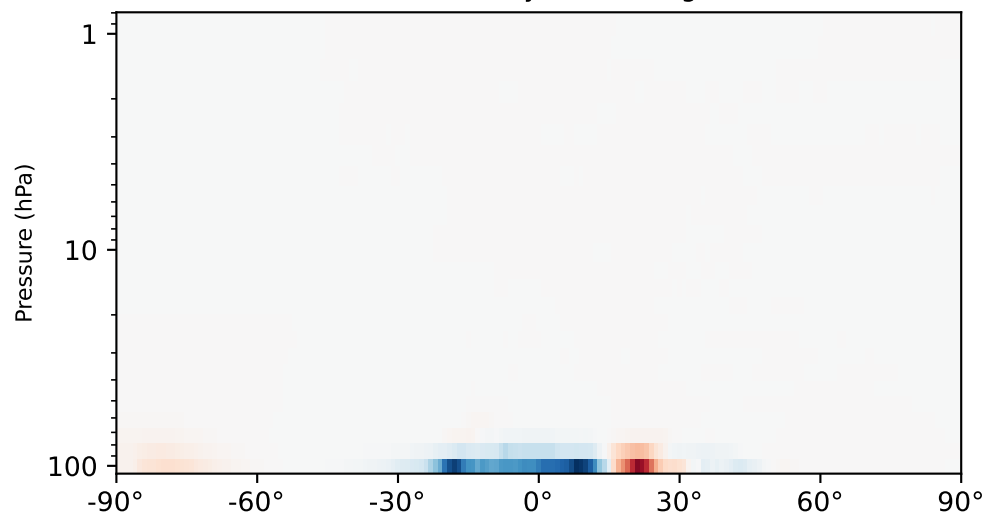
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



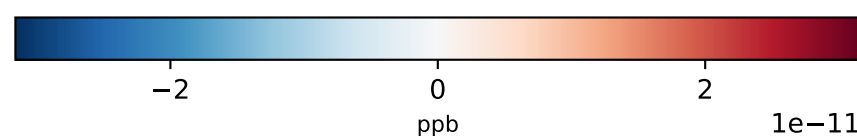
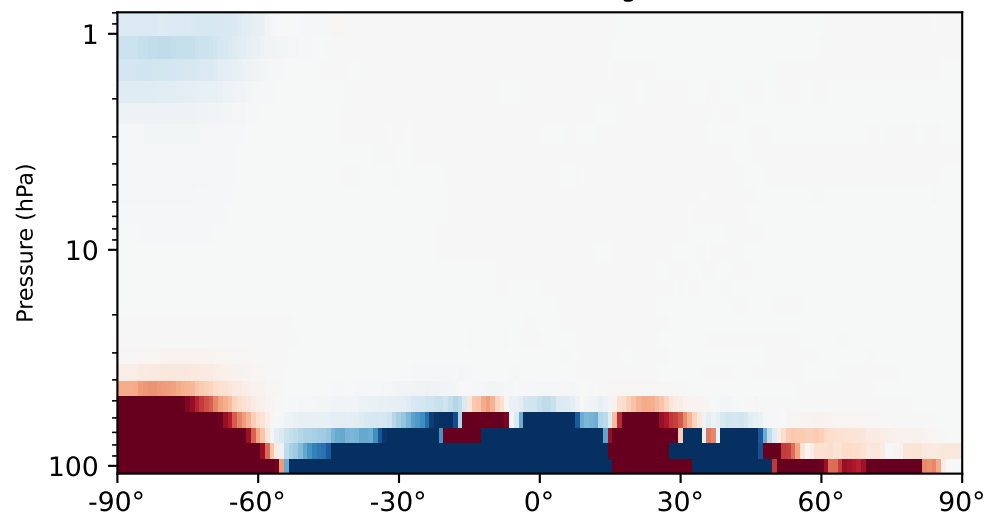
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



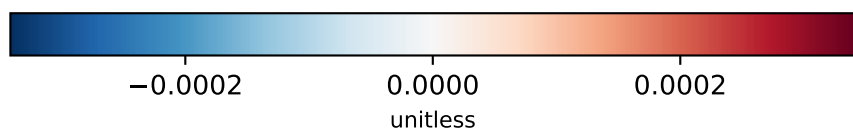
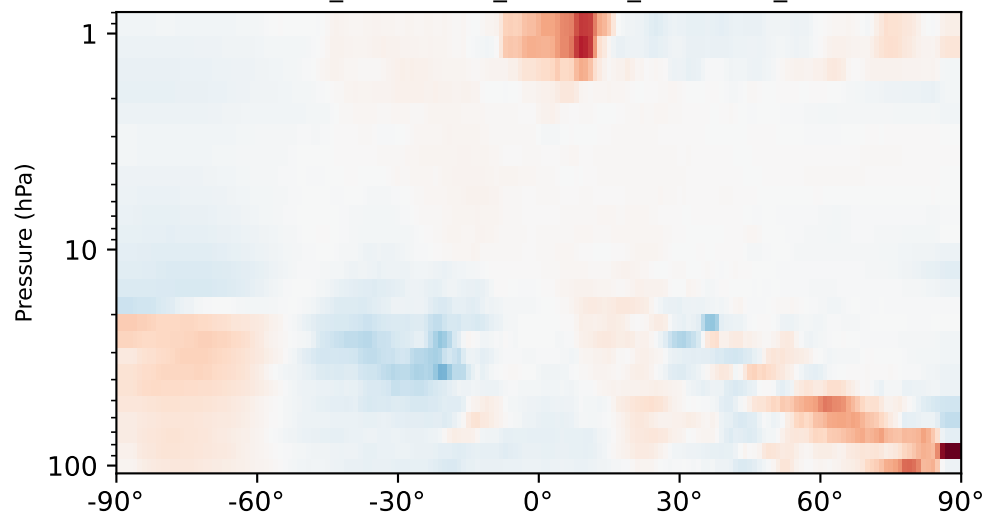
Difference (1x1.25)
Dev - Ref, Dynamic Range



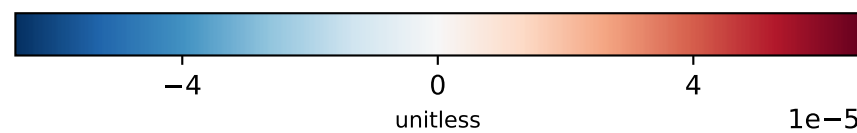
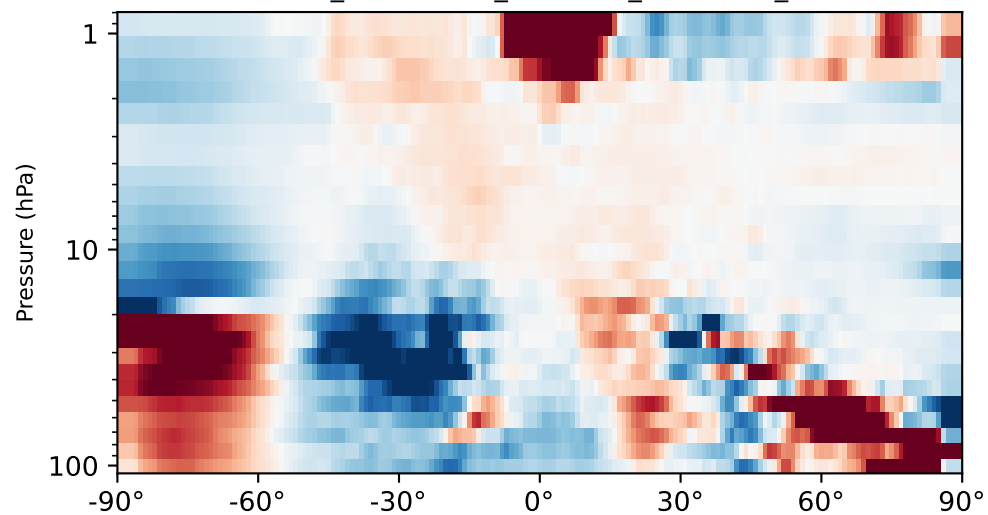
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

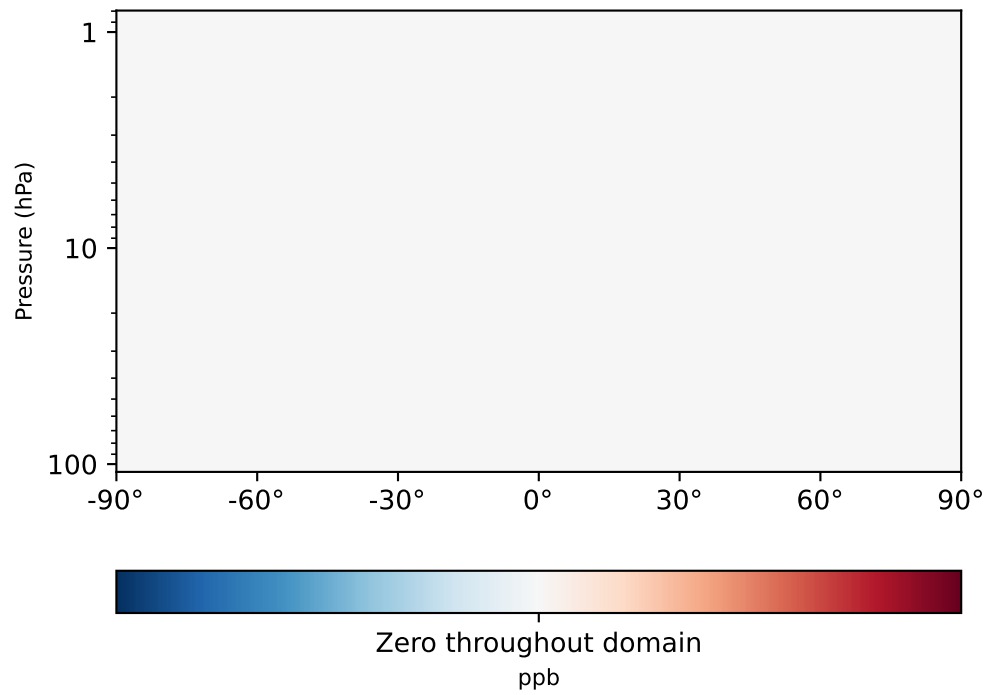


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

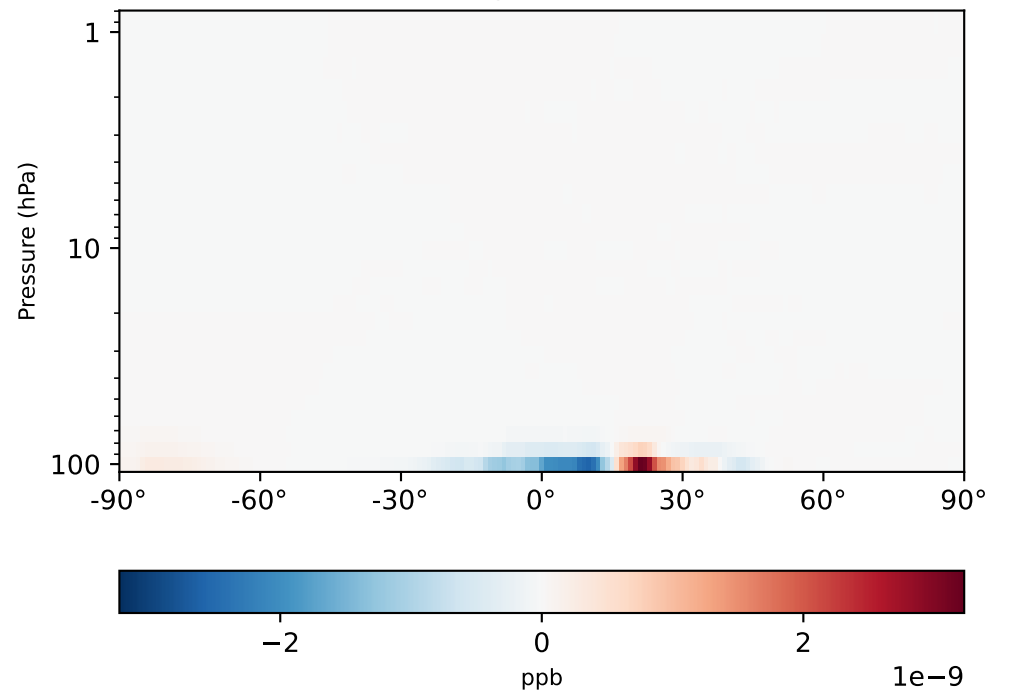


SpeciesConcVV_NPRNO3, Zonal Mean

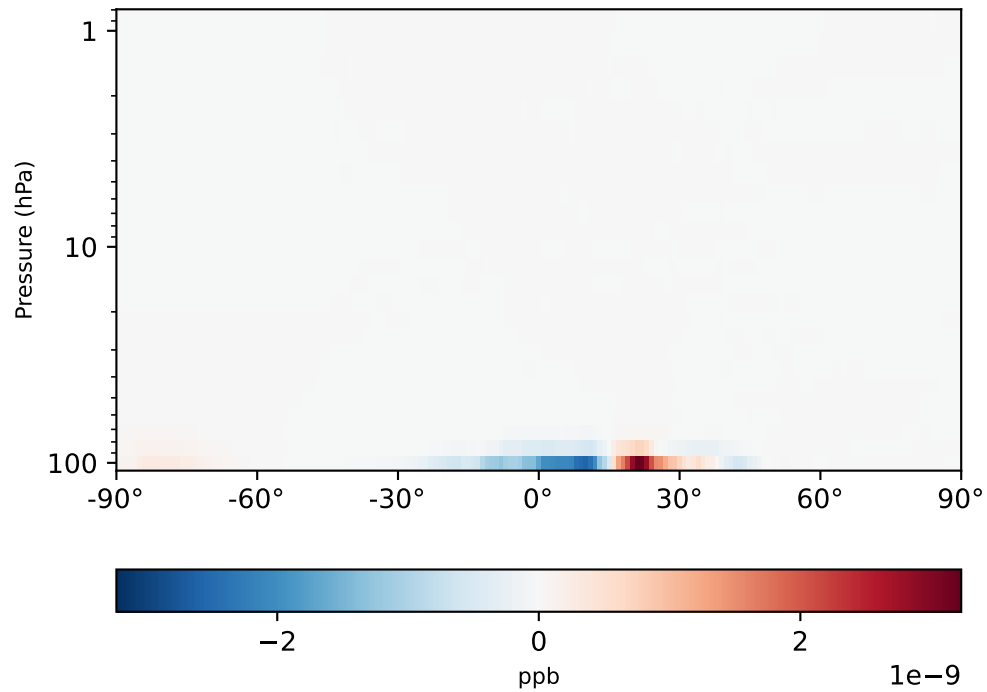
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



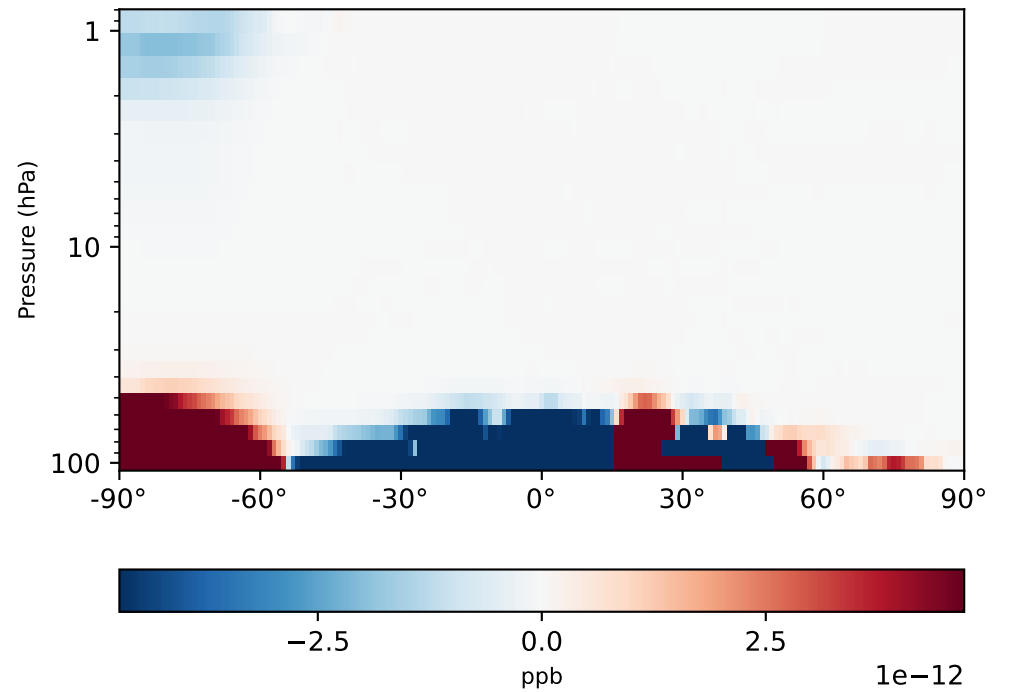
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



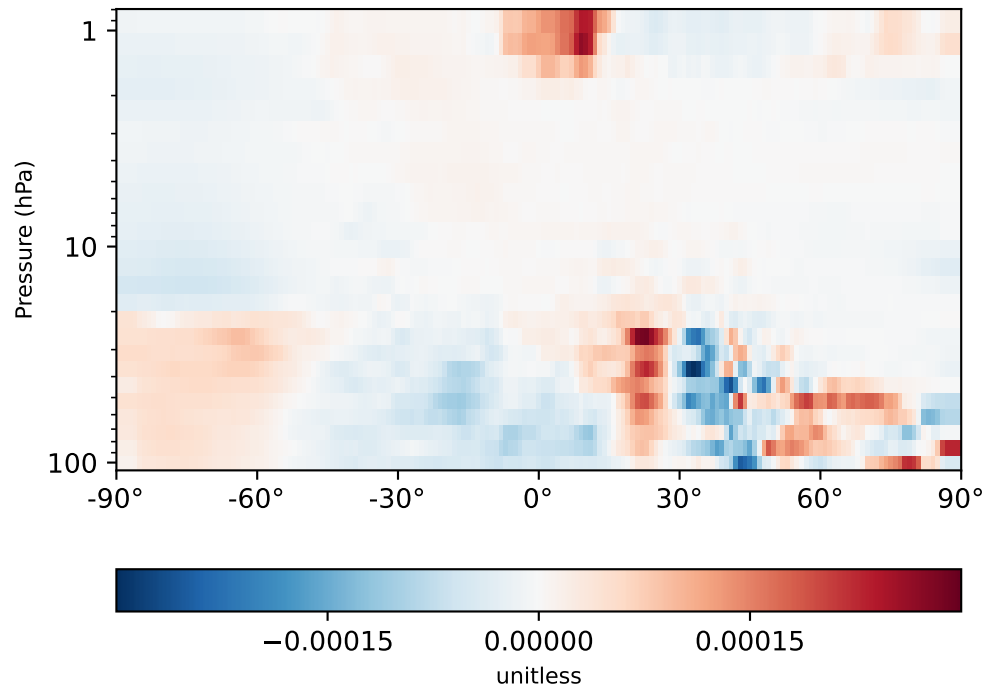
Difference (1x1.25)
Dev - Ref, Dynamic Range



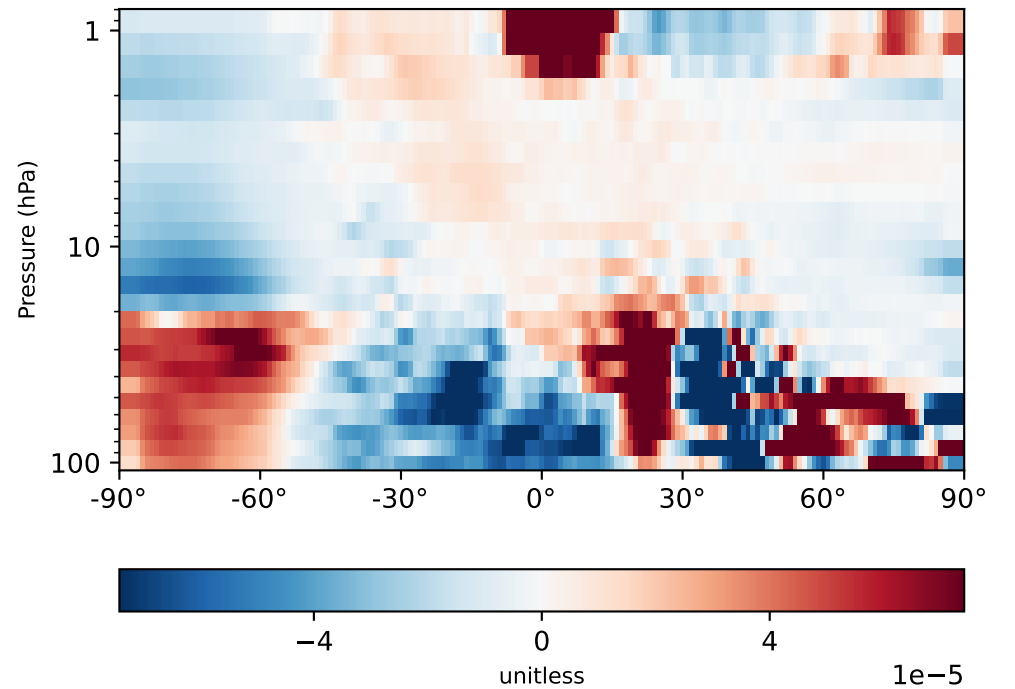
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



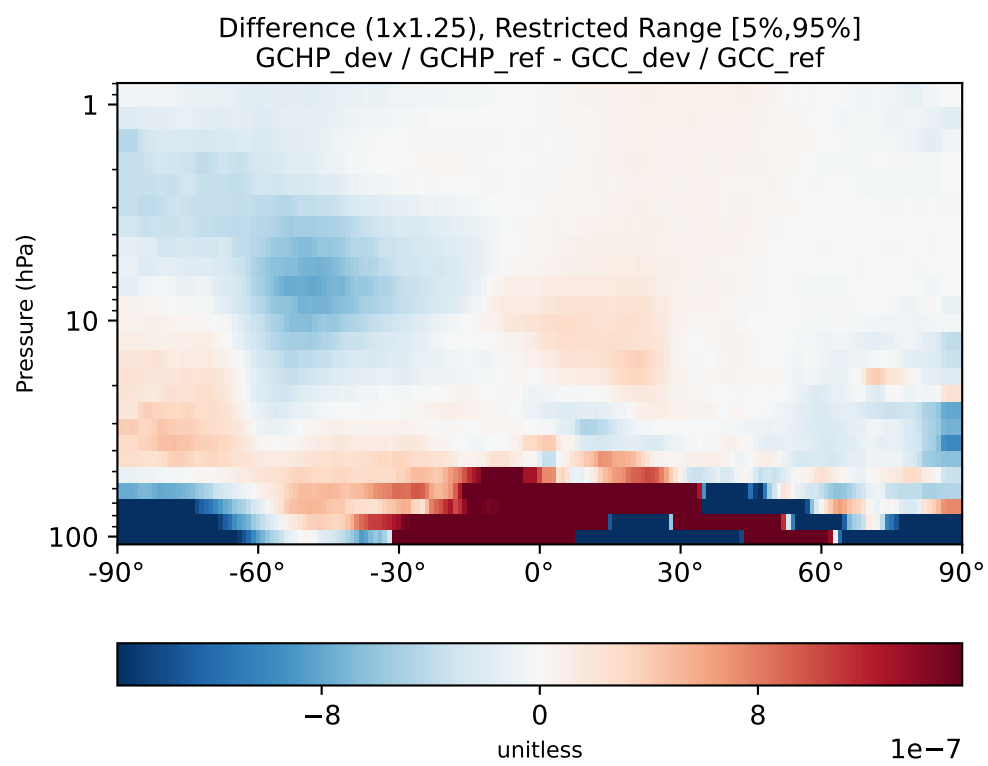
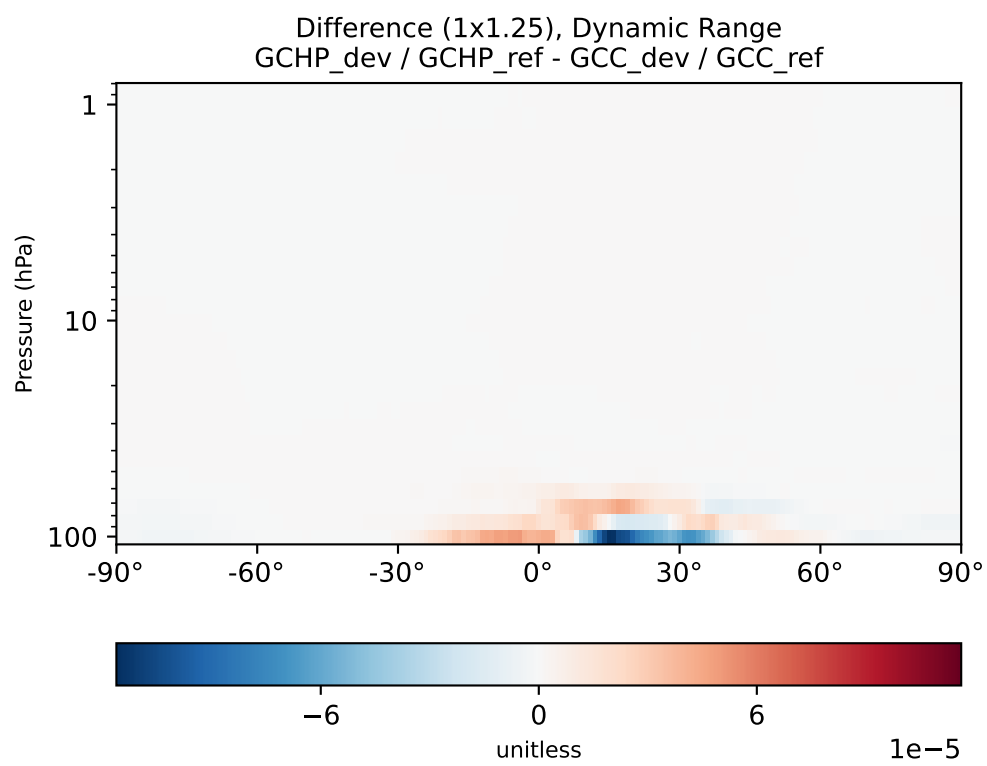
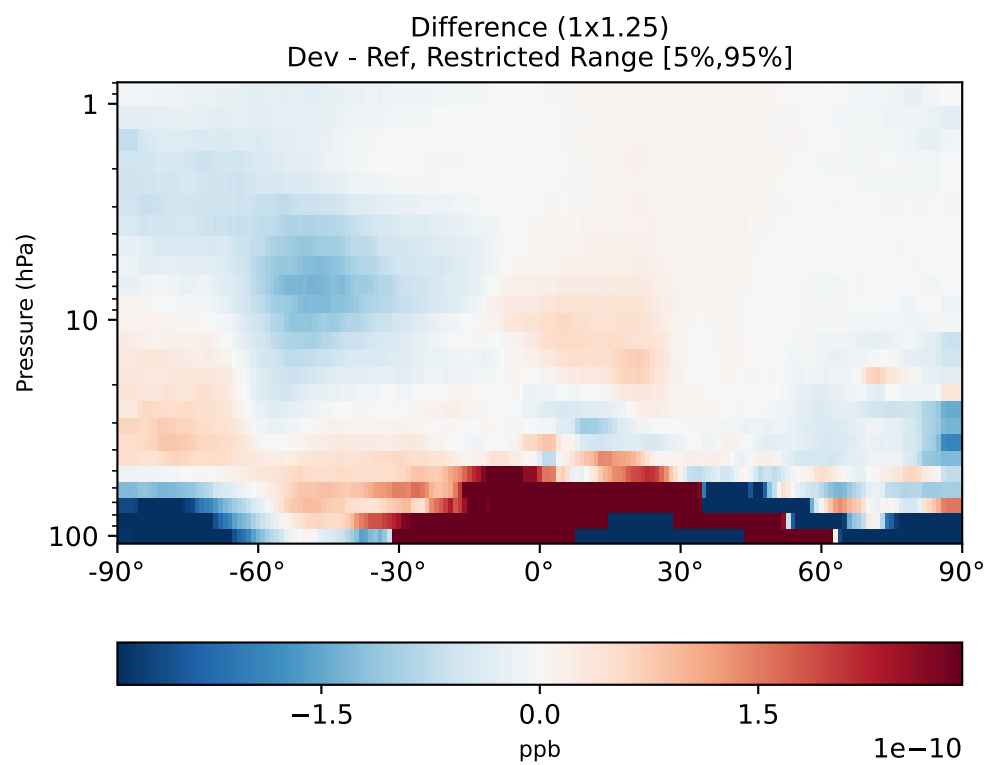
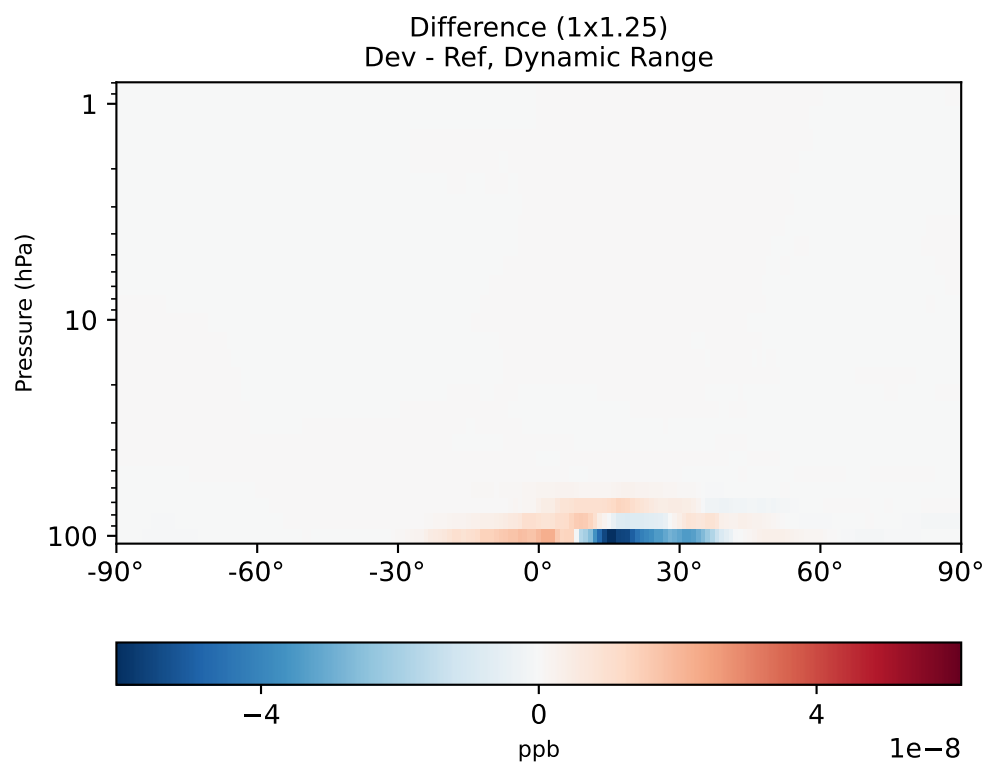
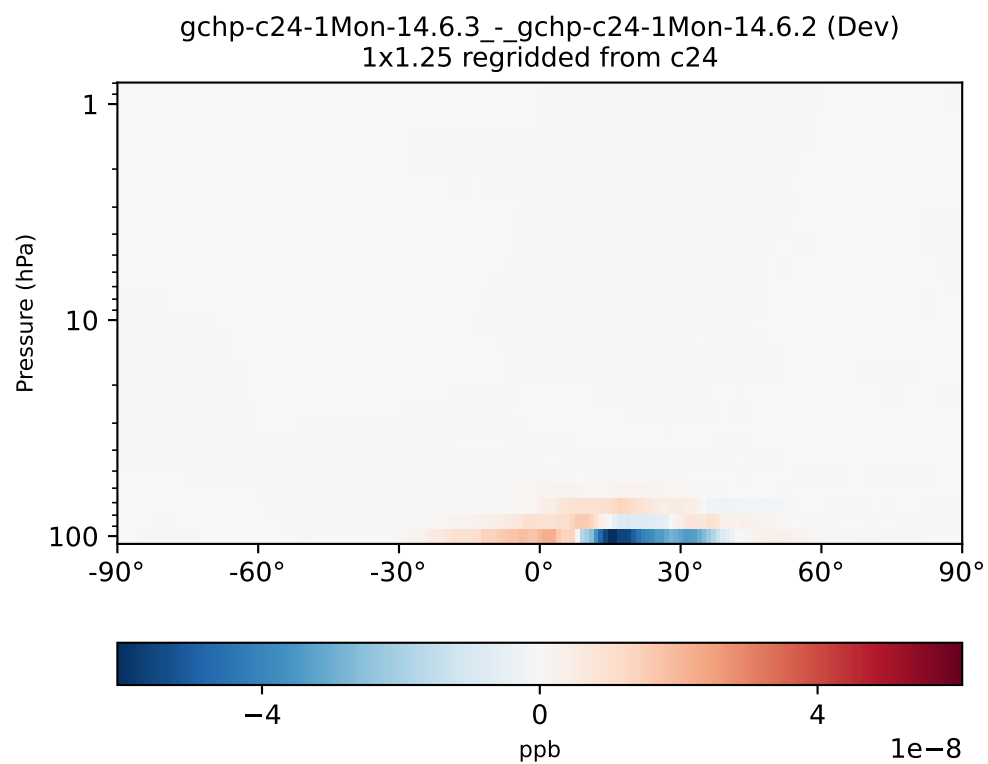
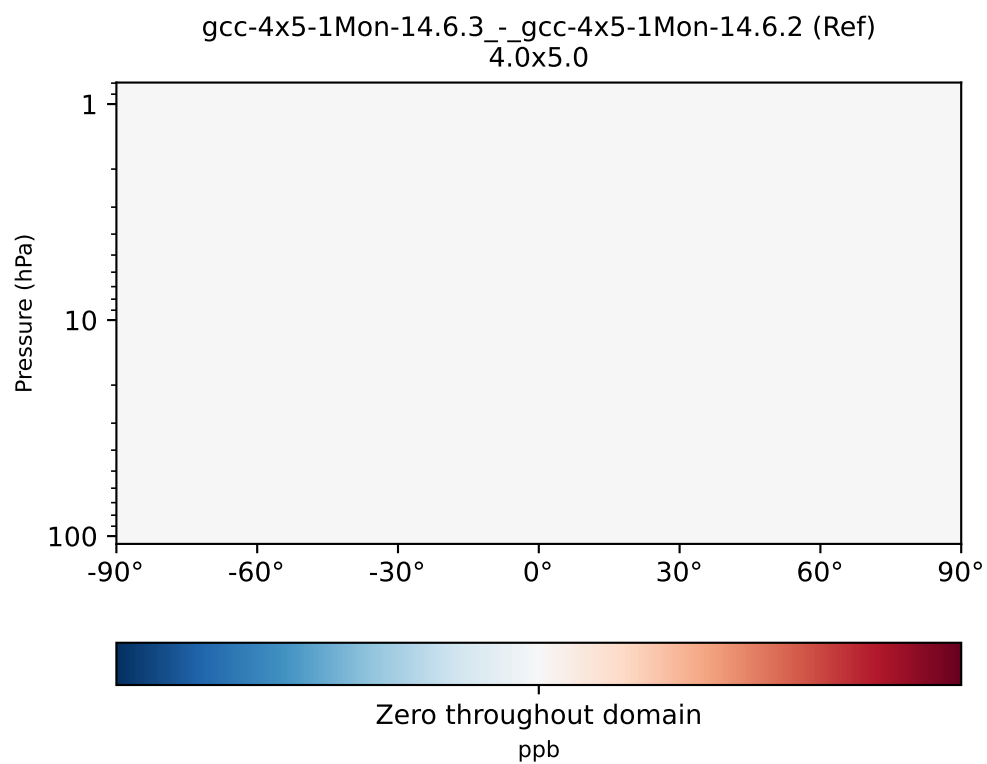
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

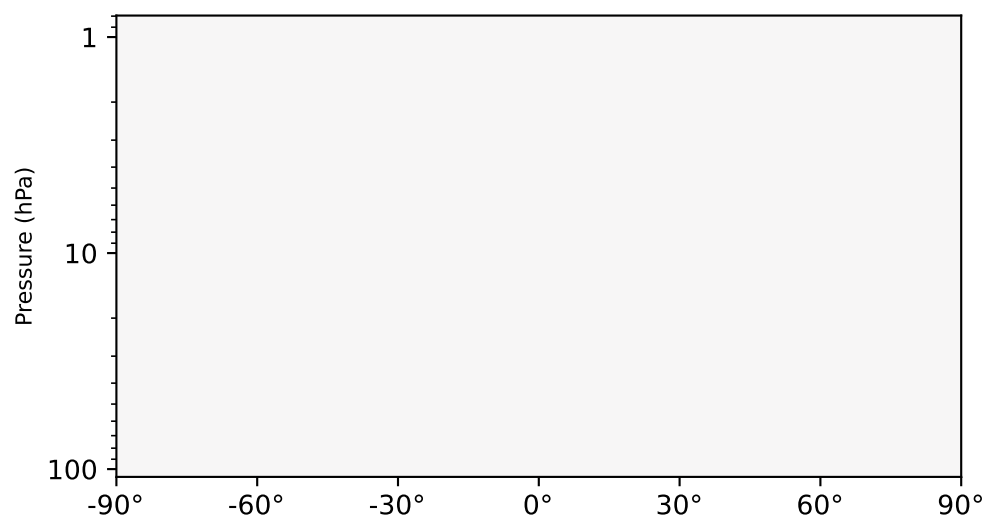


SpeciesConcVV_AONITA, Zonal Mean

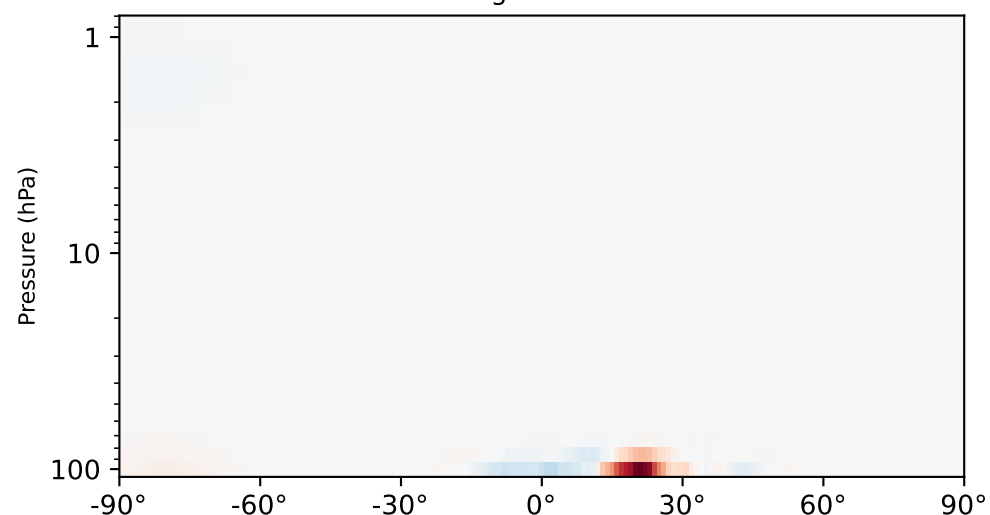


SpeciesConcVV_ETHN, Zonal Mean

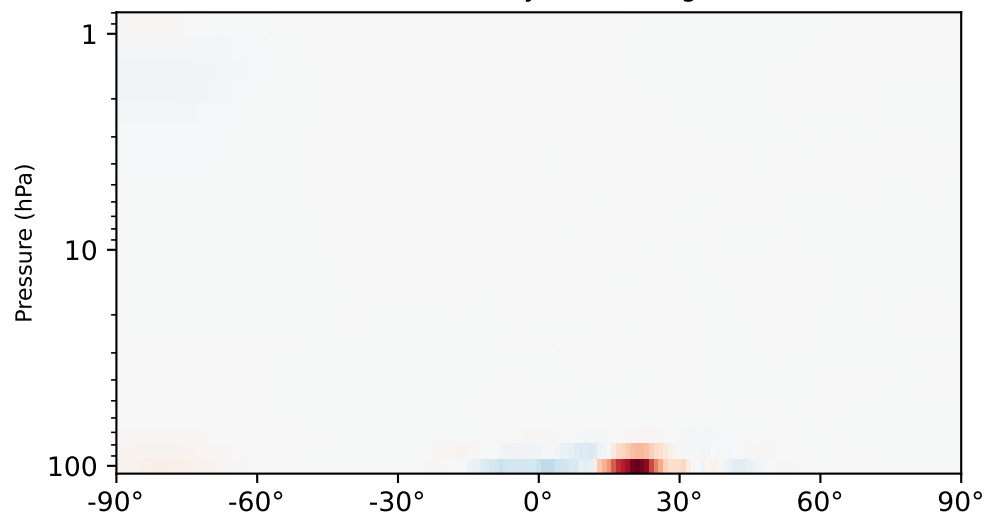
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



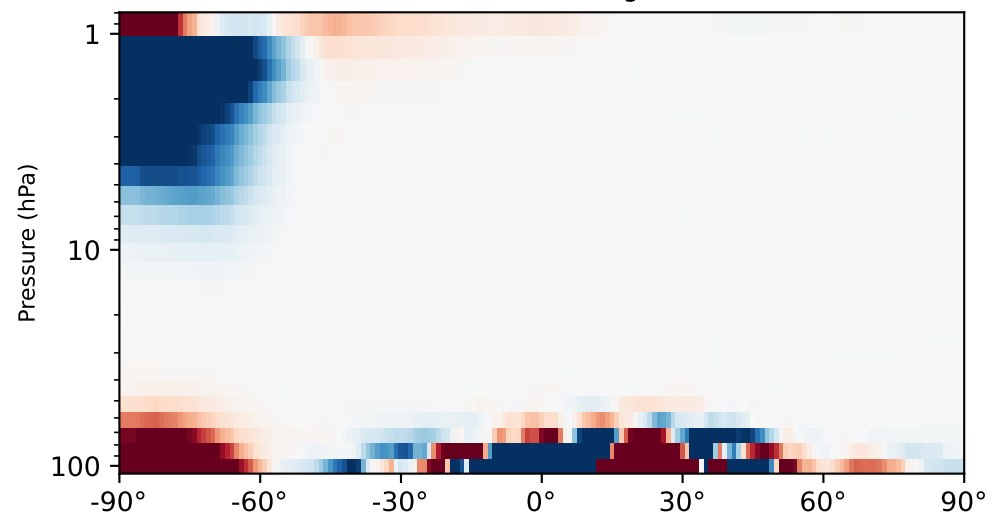
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



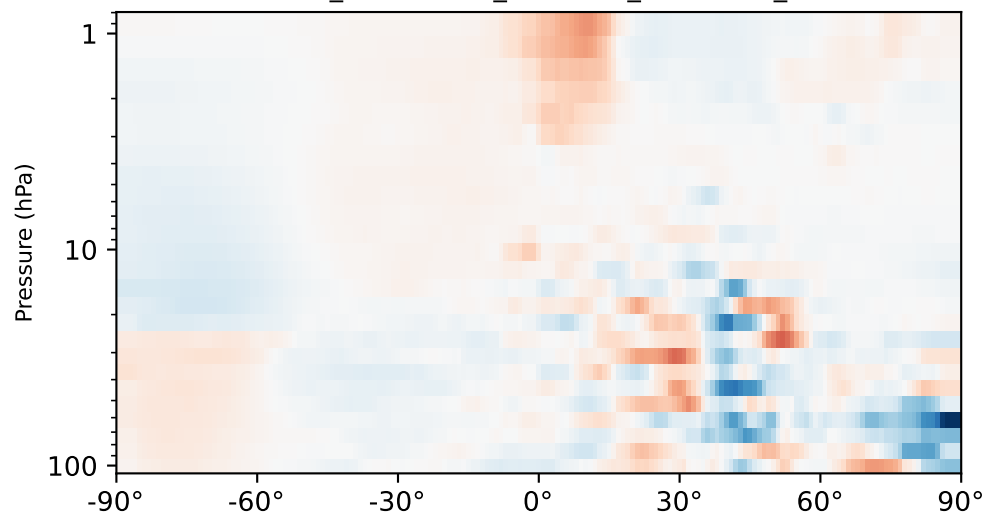
Difference (1x1.25)
Dev - Ref, Dynamic Range



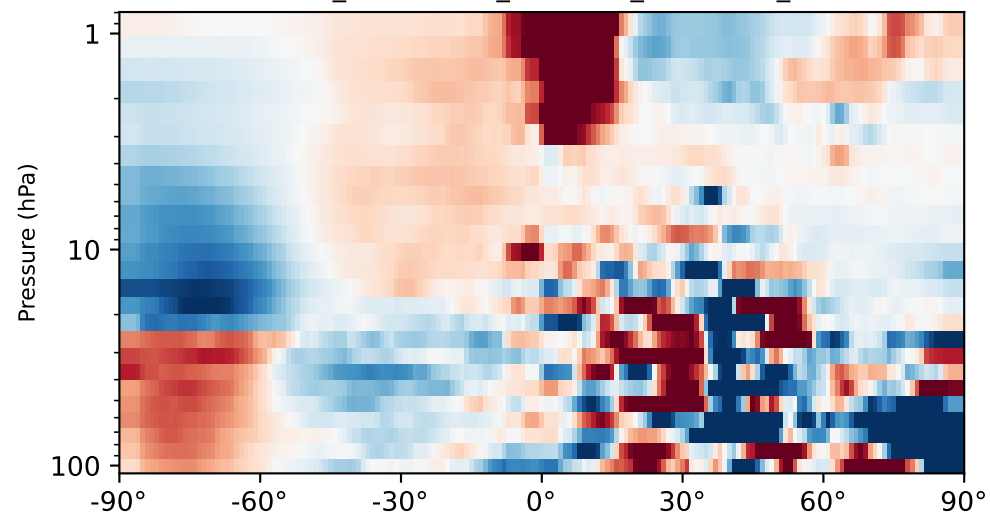
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

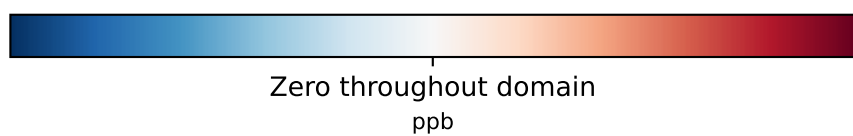
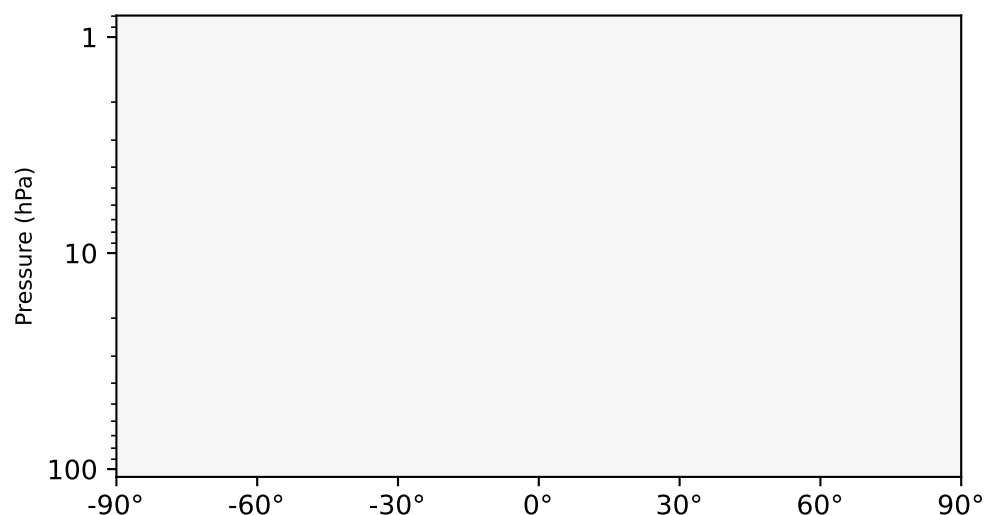


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

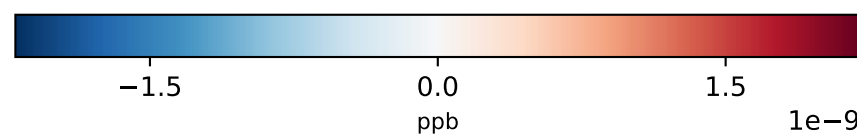
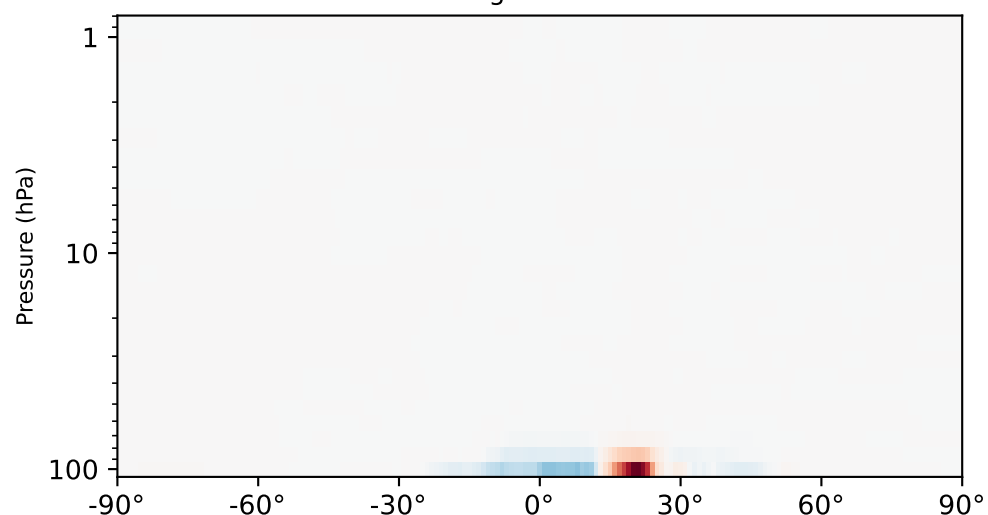


SpeciesConcVV_BZPAN, Zonal Mean

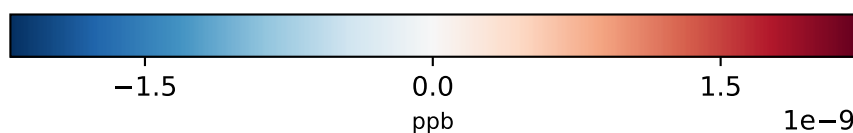
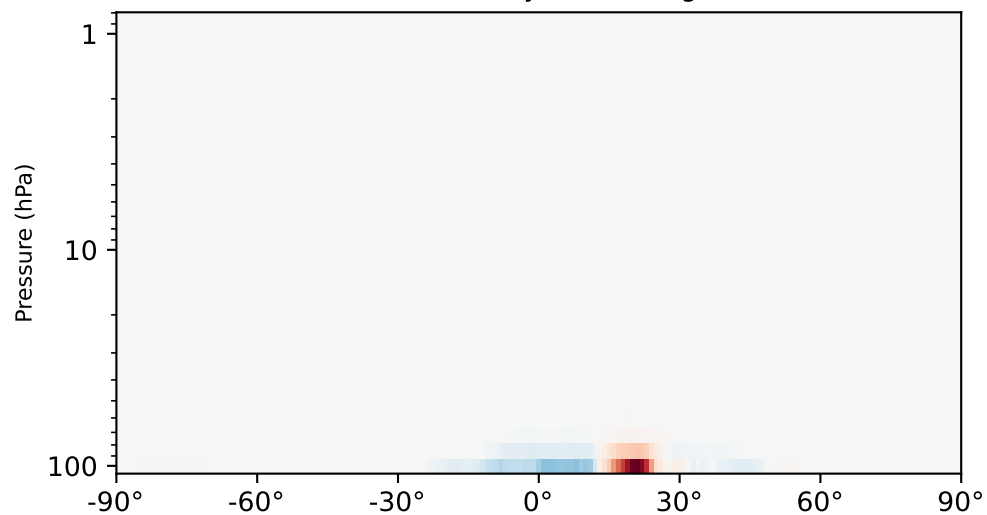
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



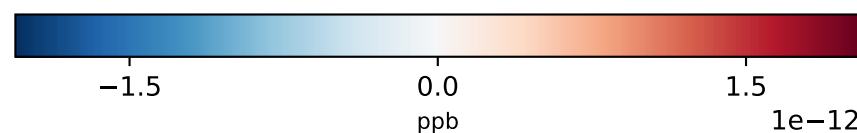
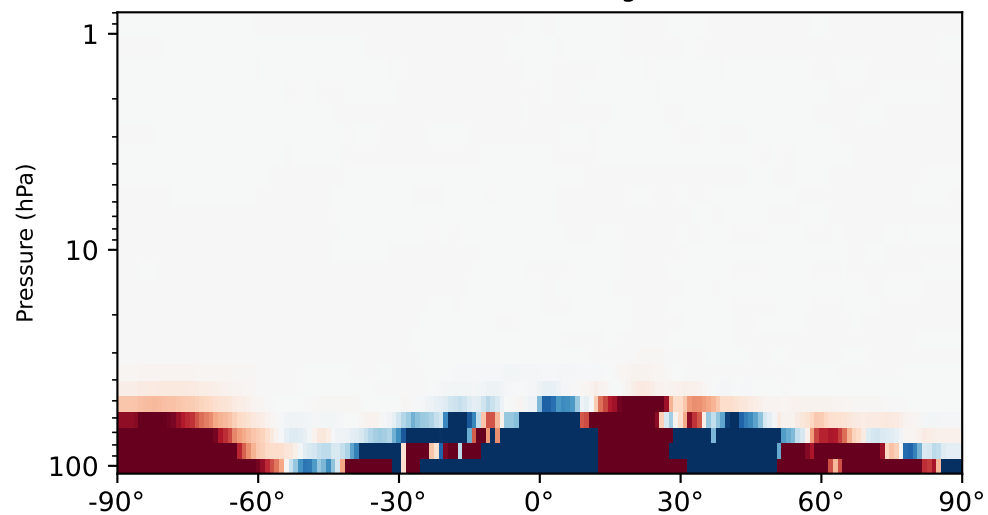
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



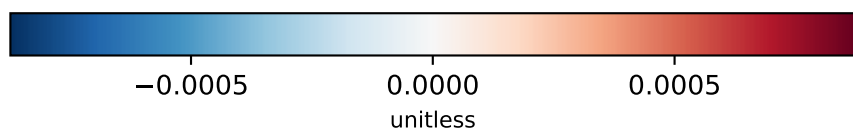
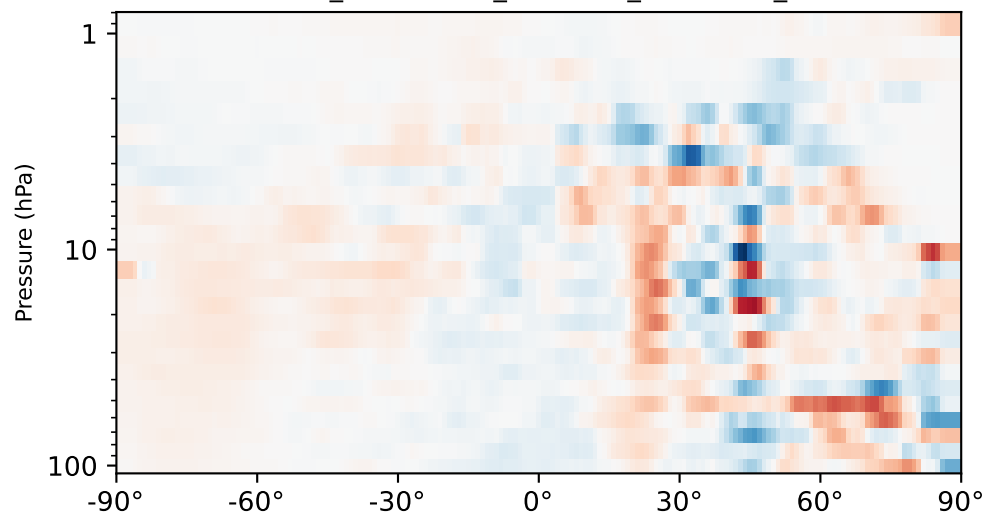
Difference (1x1.25)
Dev - Ref, Dynamic Range



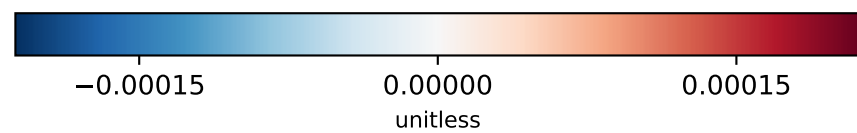
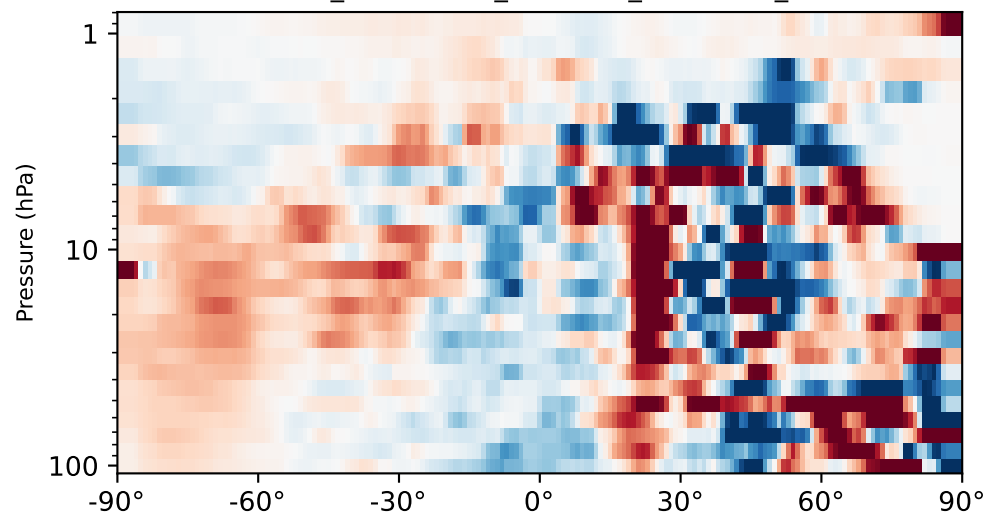
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

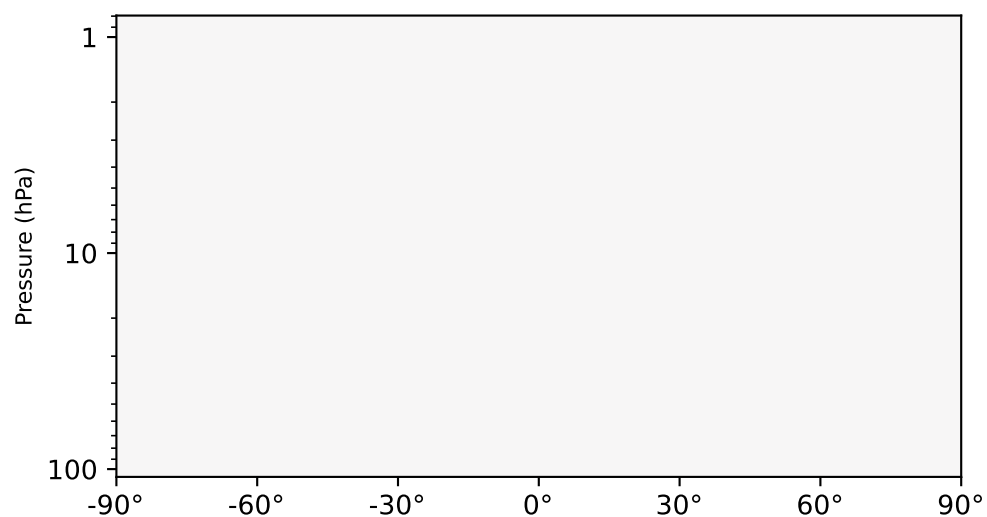


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

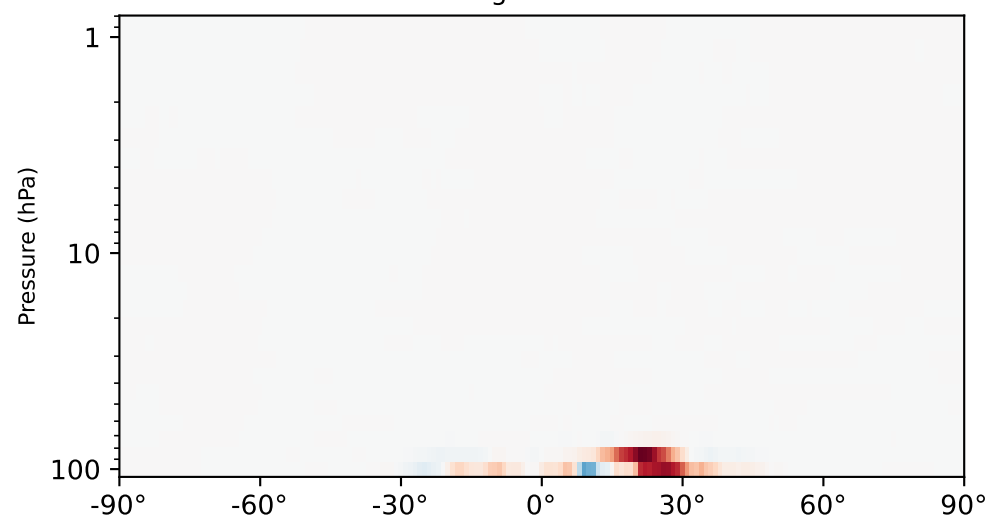


SpeciesConcVV_NPHEN, Zonal Mean

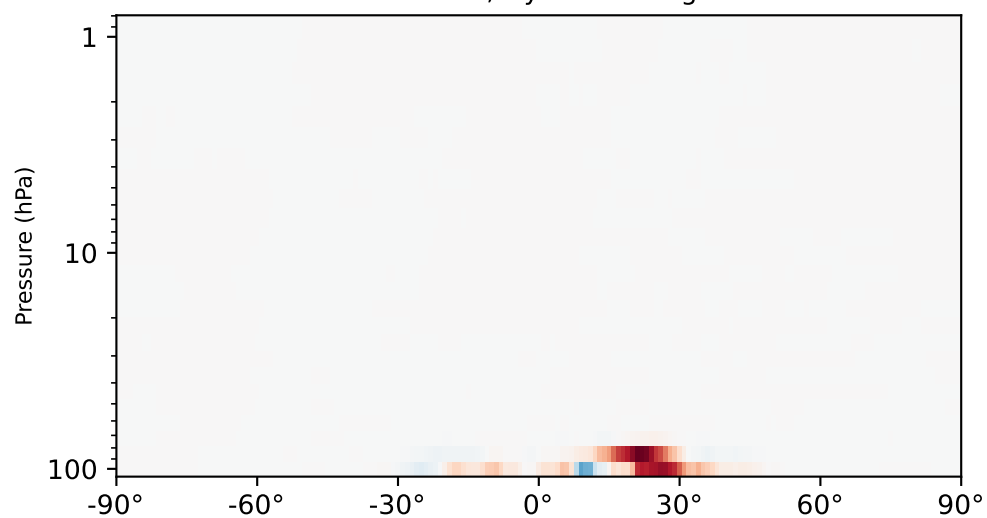
gcc-4x5-1Mon-14.6.3_ - gcc-4x5-1Mon-14.6.2 (Ref)
4.0x5.0



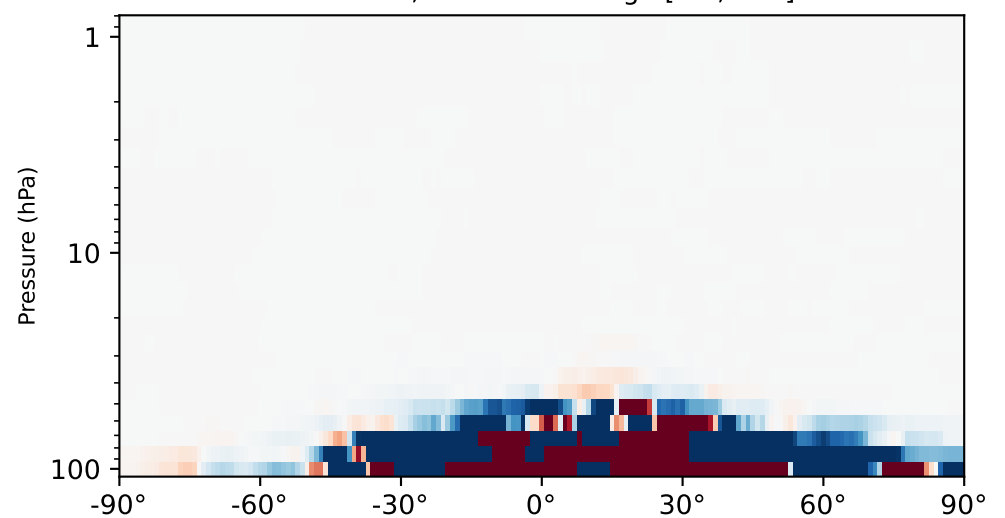
gchp-c24-1Mon-14.6.3_ - gchp-c24-1Mon-14.6.2 (Dev)
1x1.25 regridded from c24



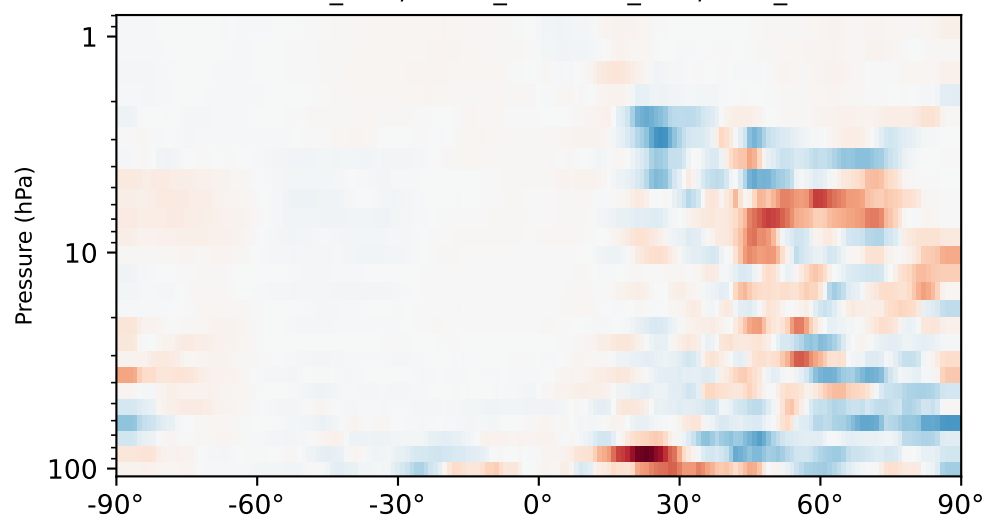
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

