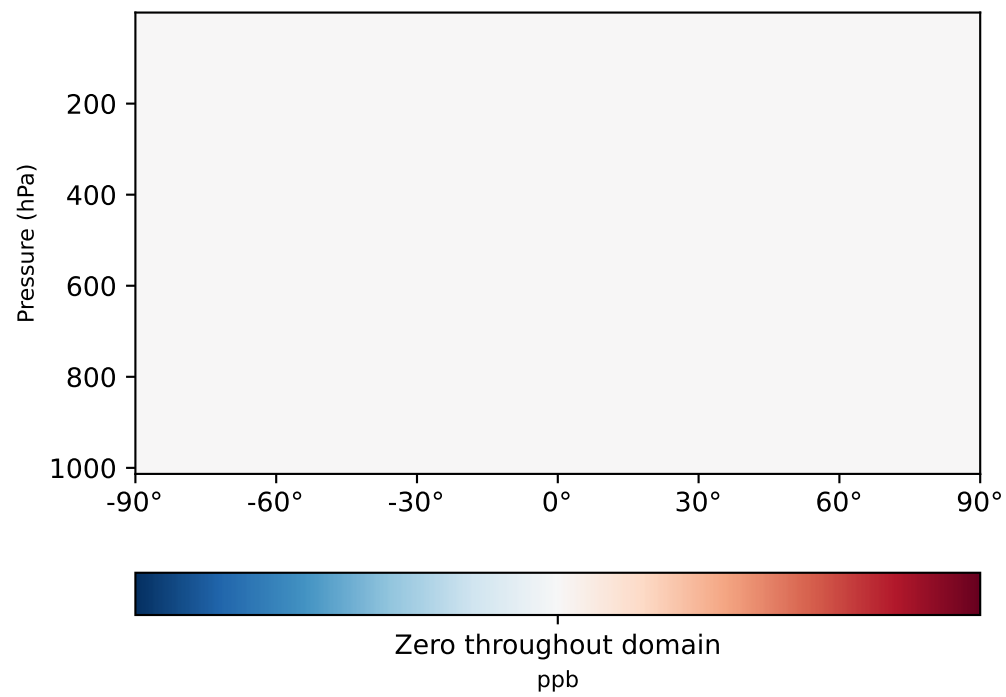
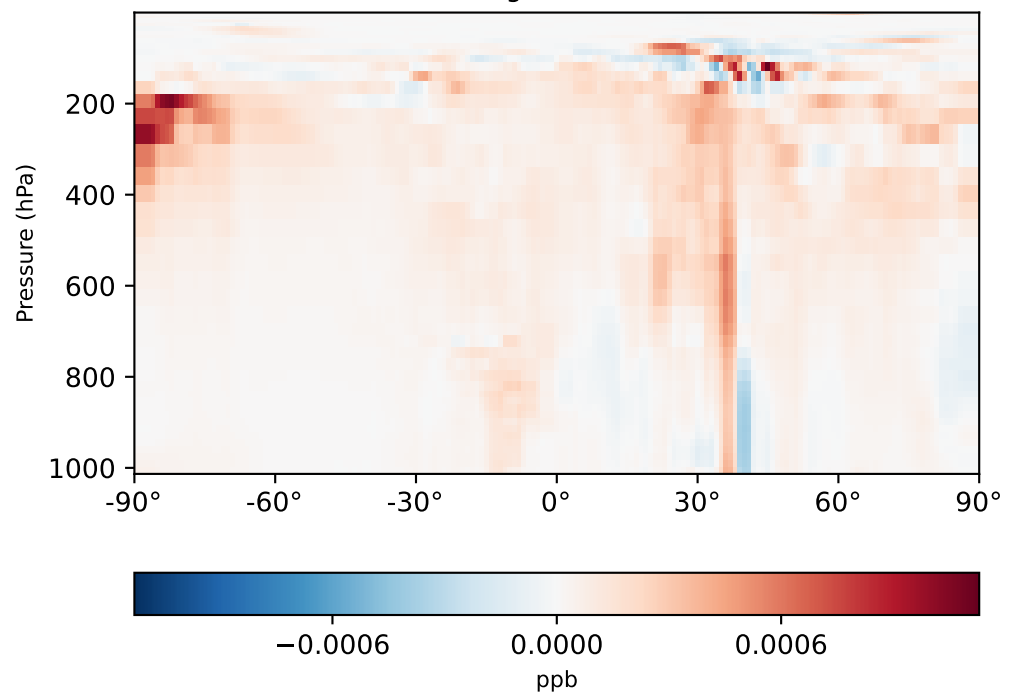


SpeciesConcVV_NOy, Zonal Mean

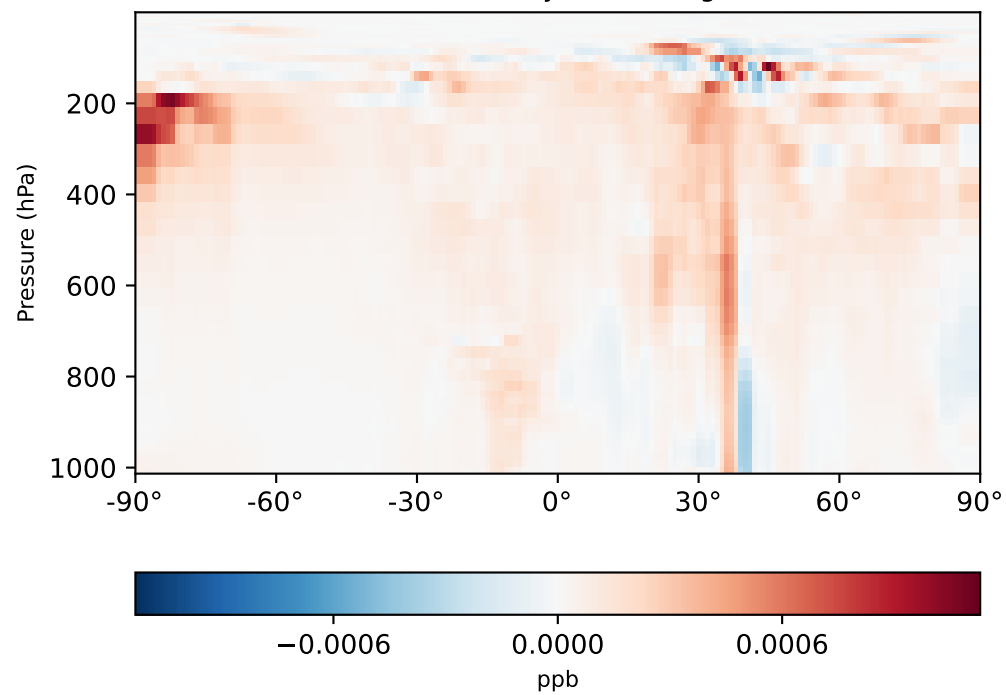
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



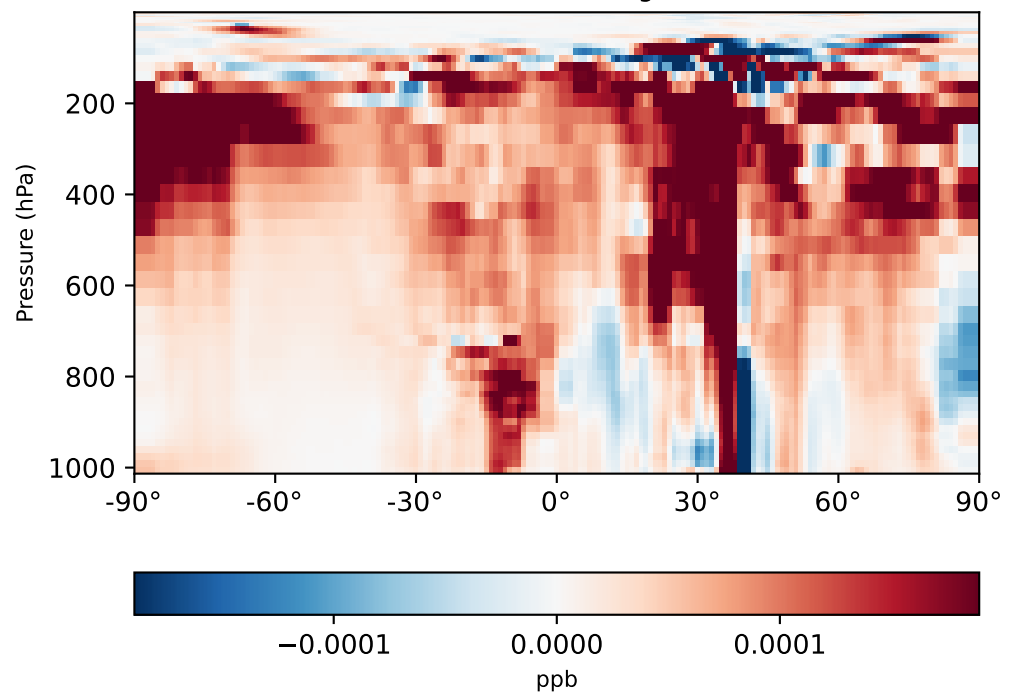
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



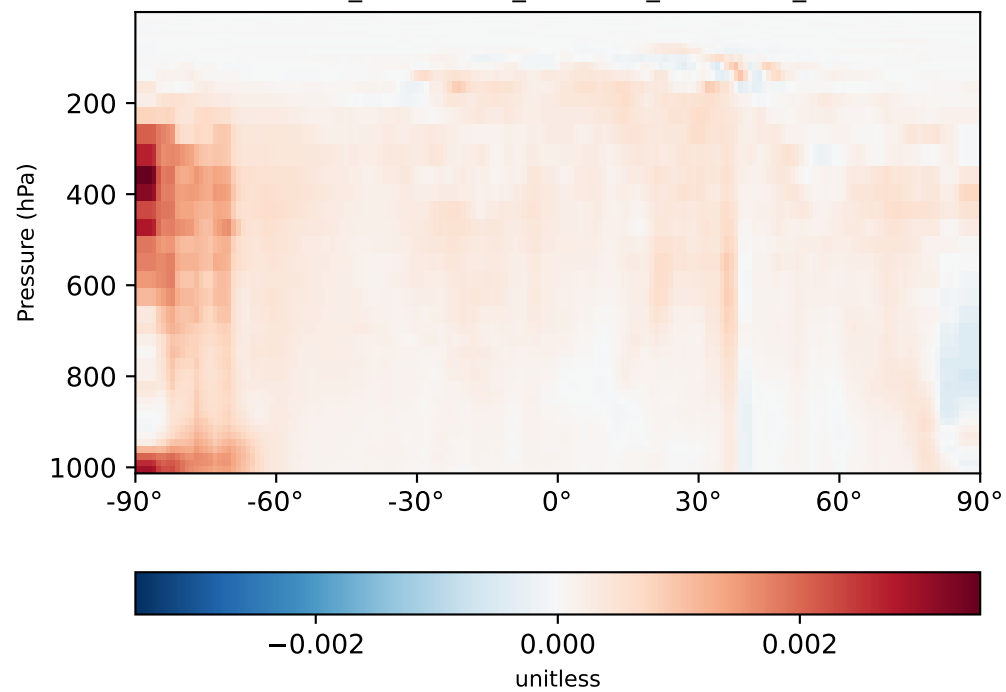
Difference (1x1.25)
Dev - Ref, Dynamic Range



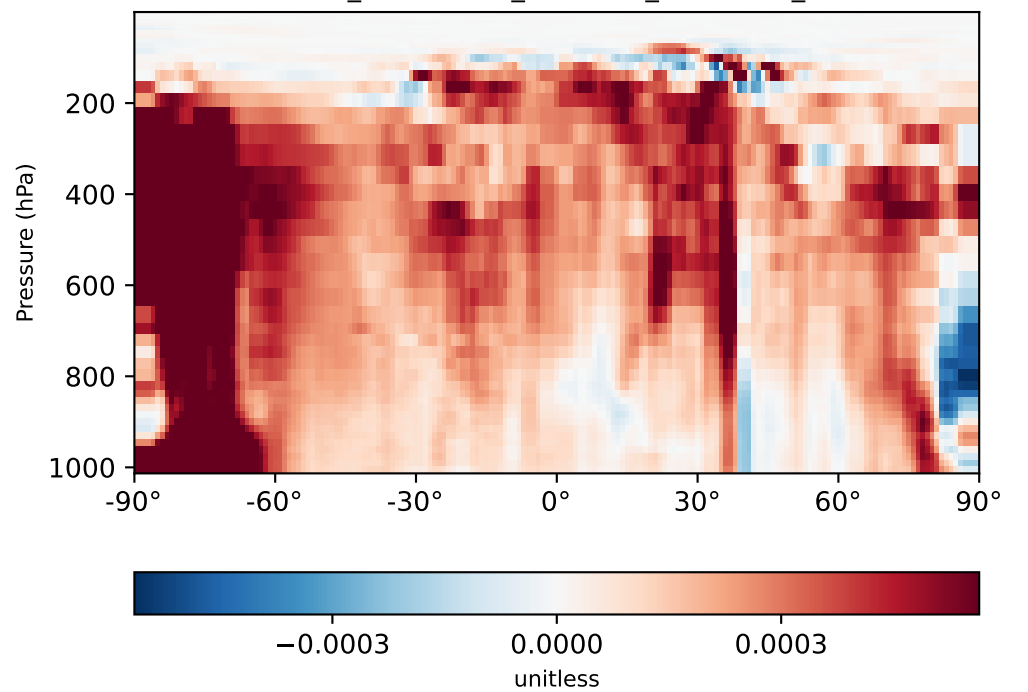
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

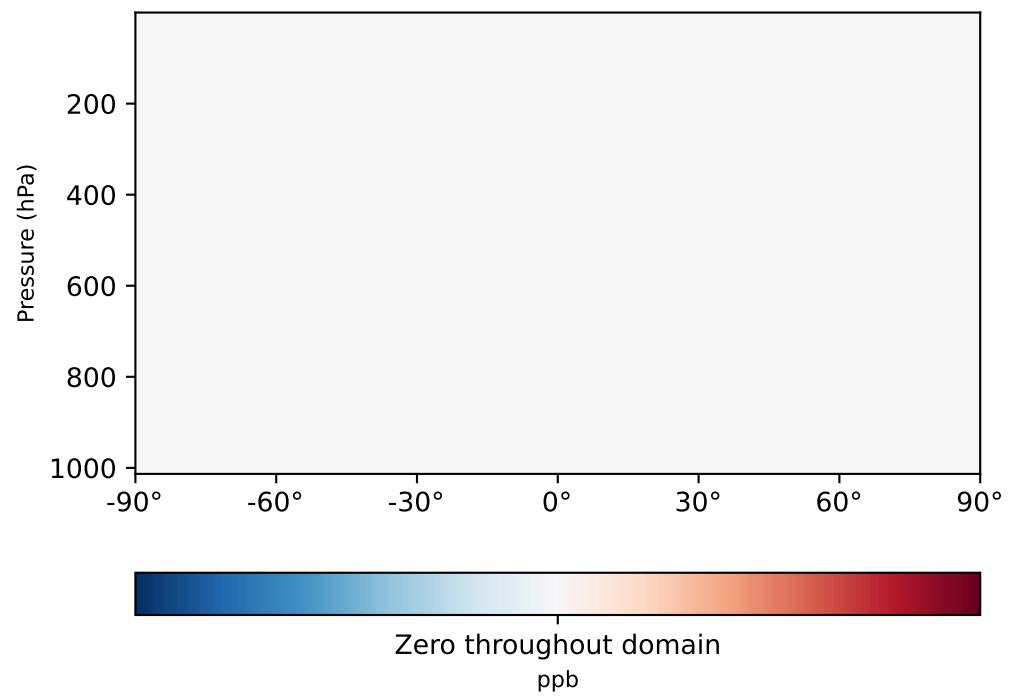


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

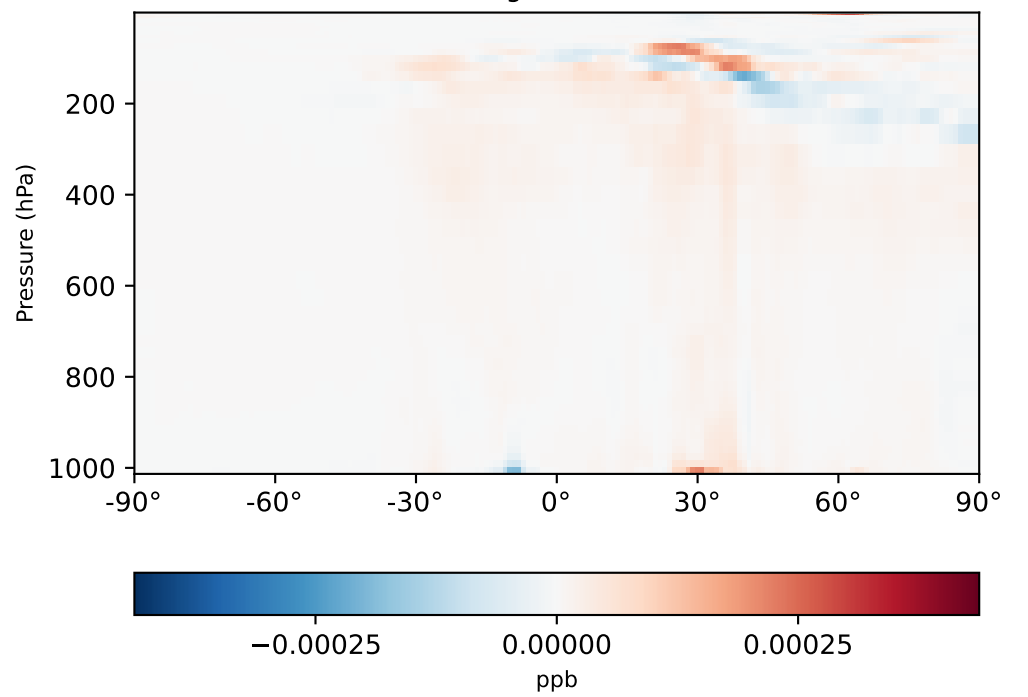


SpeciesConcVW_NOx, Zonal Mean

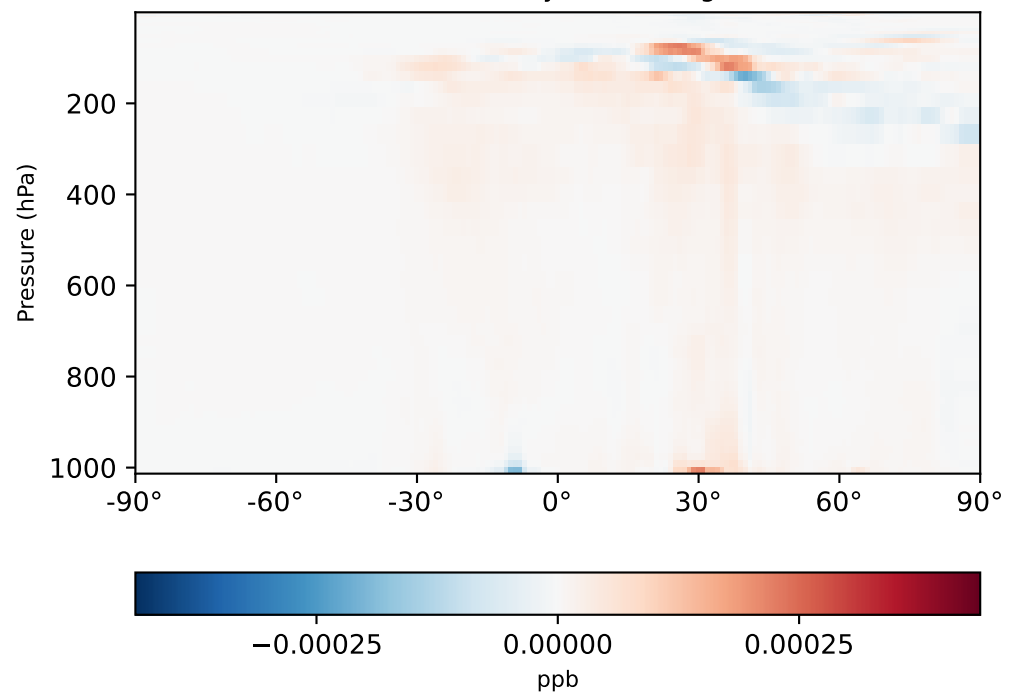
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



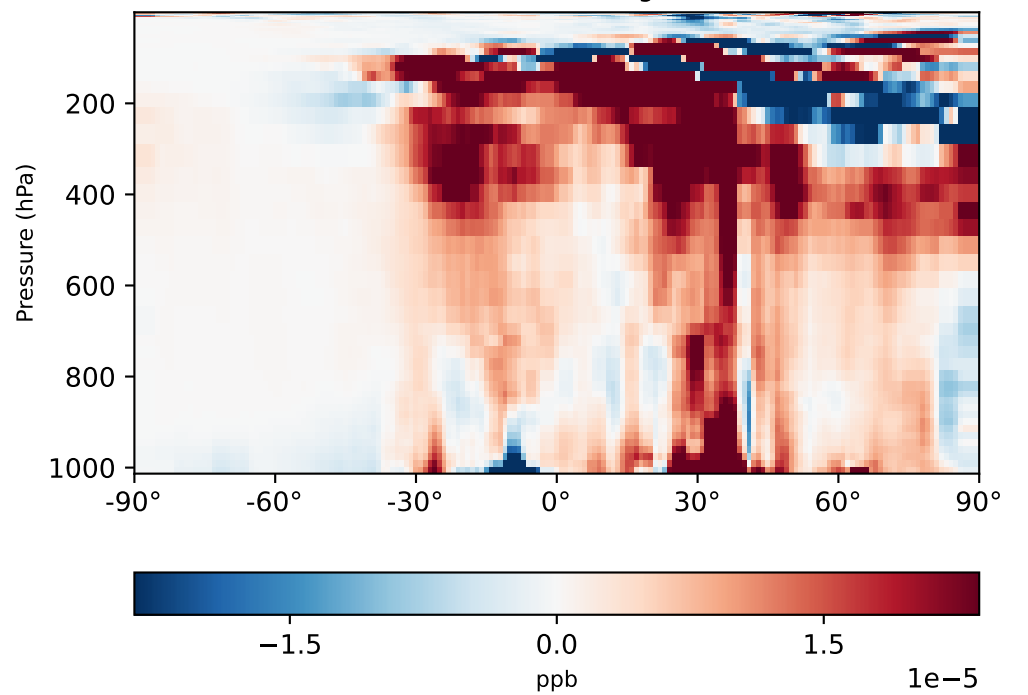
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



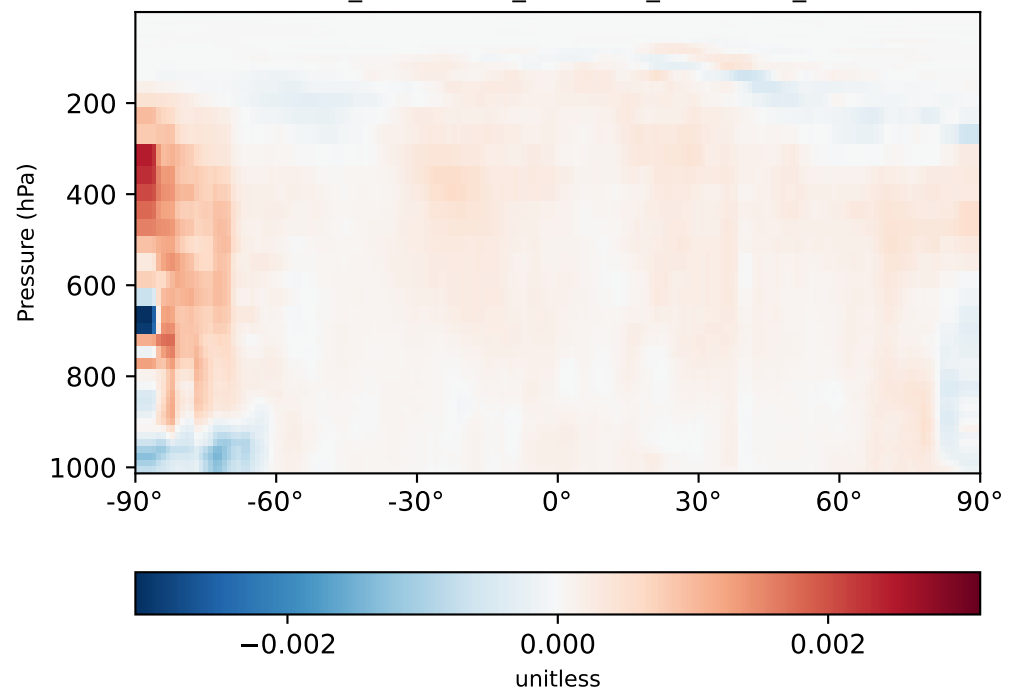
Difference (1x1.25)
Dev - Ref, Dynamic Range



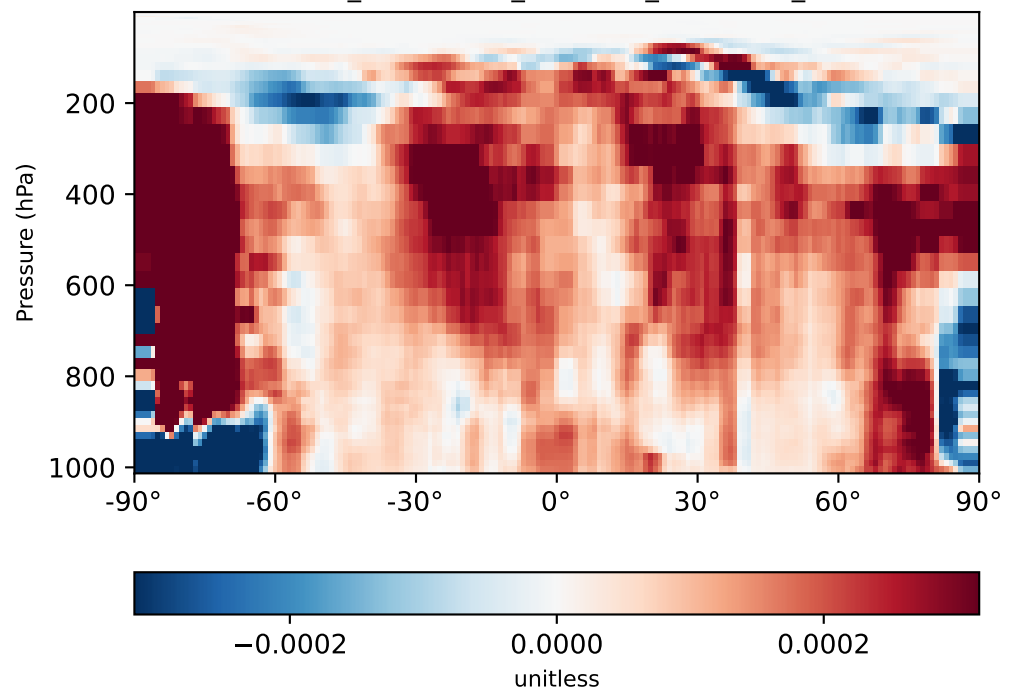
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



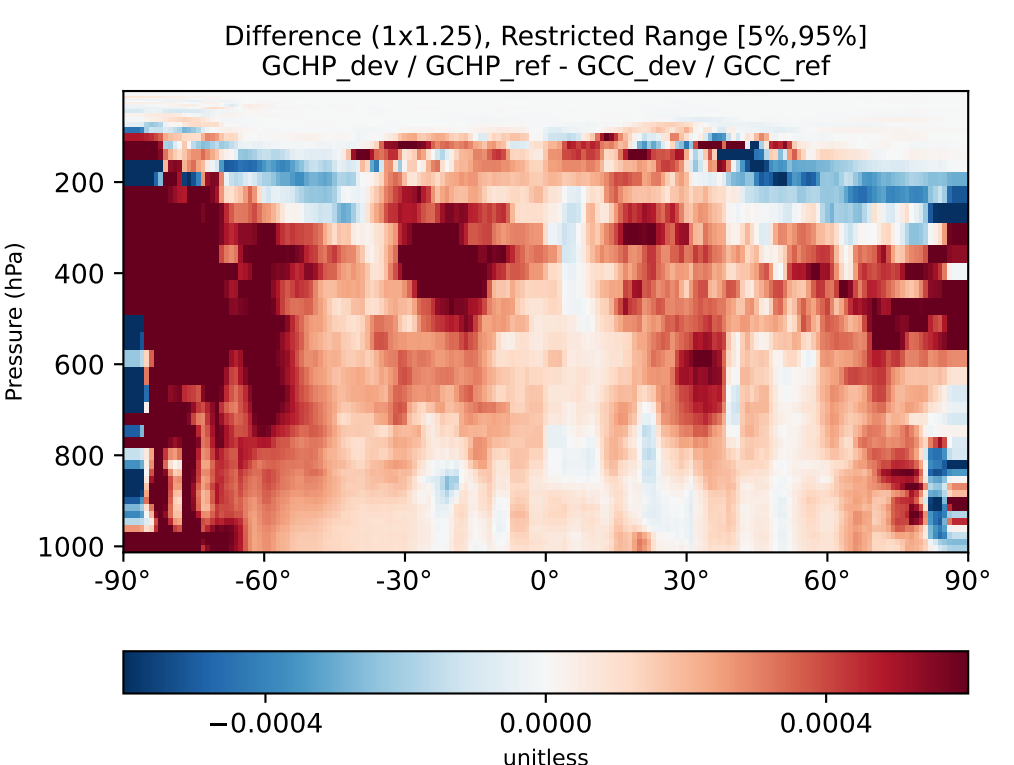
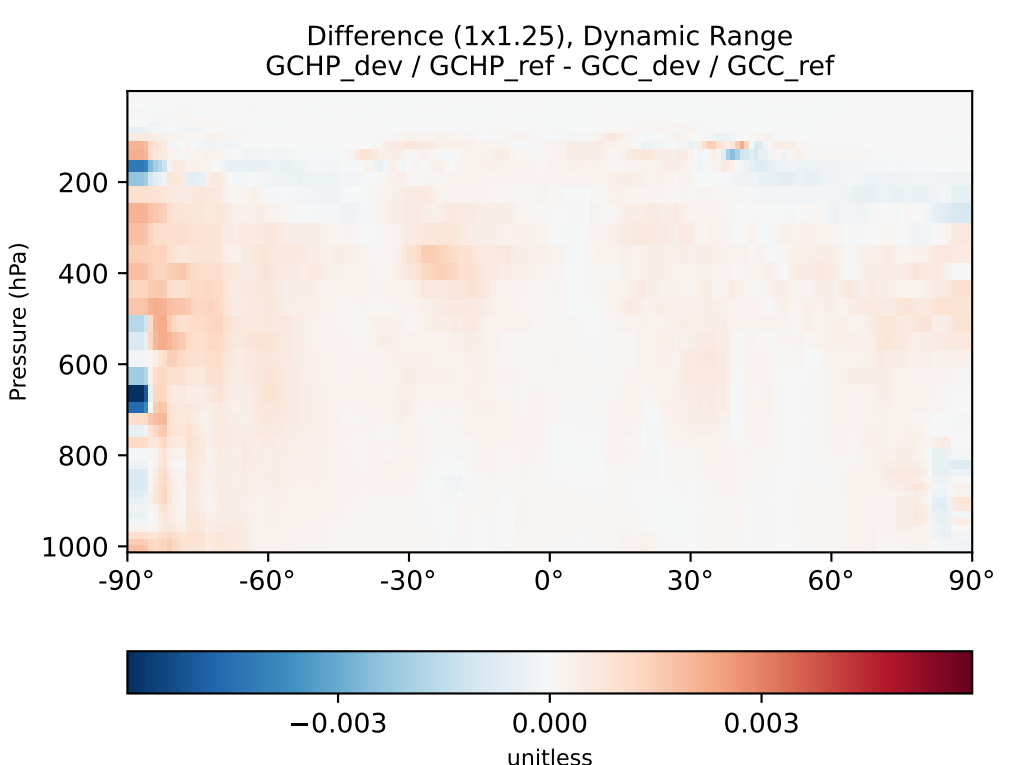
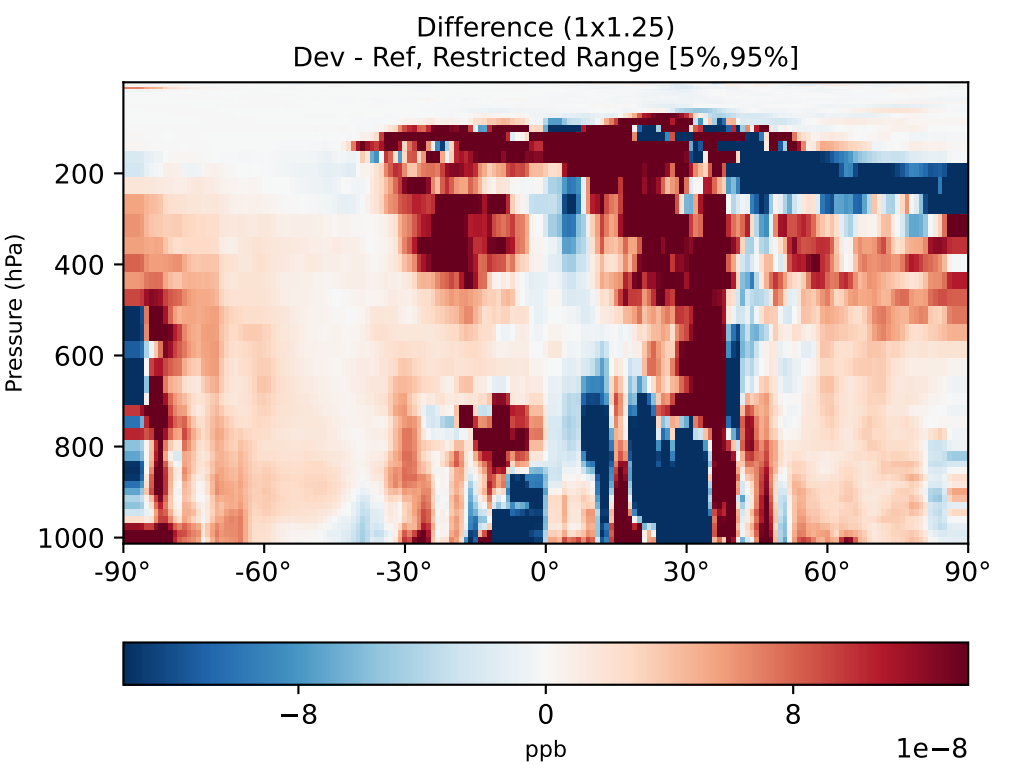
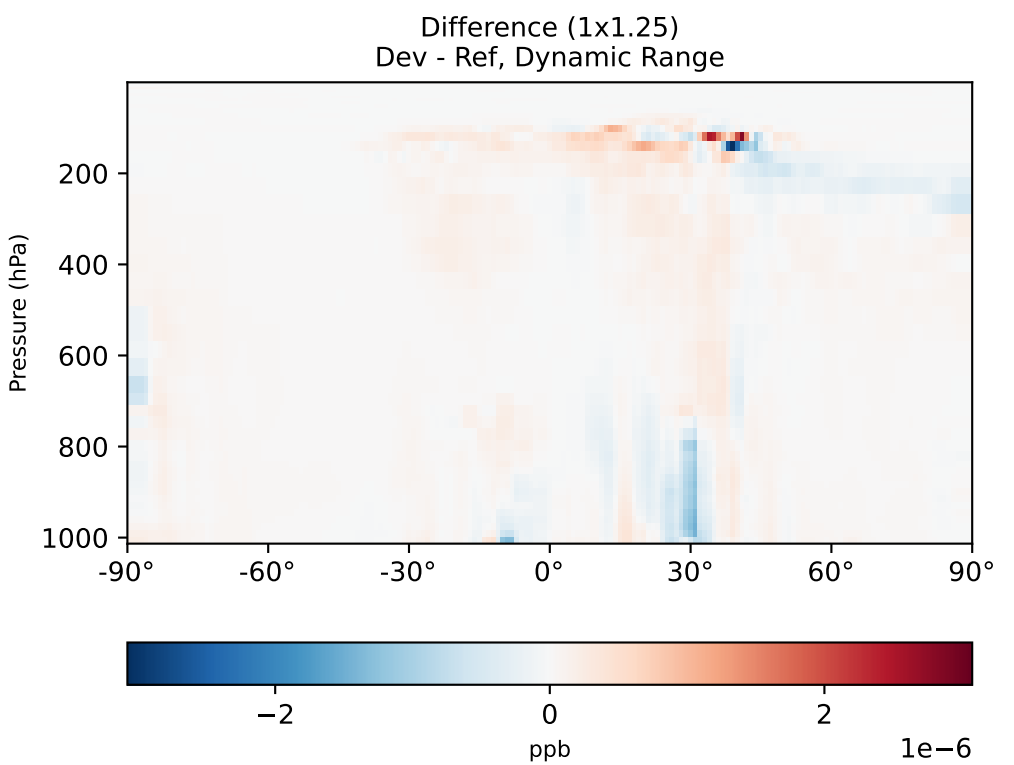
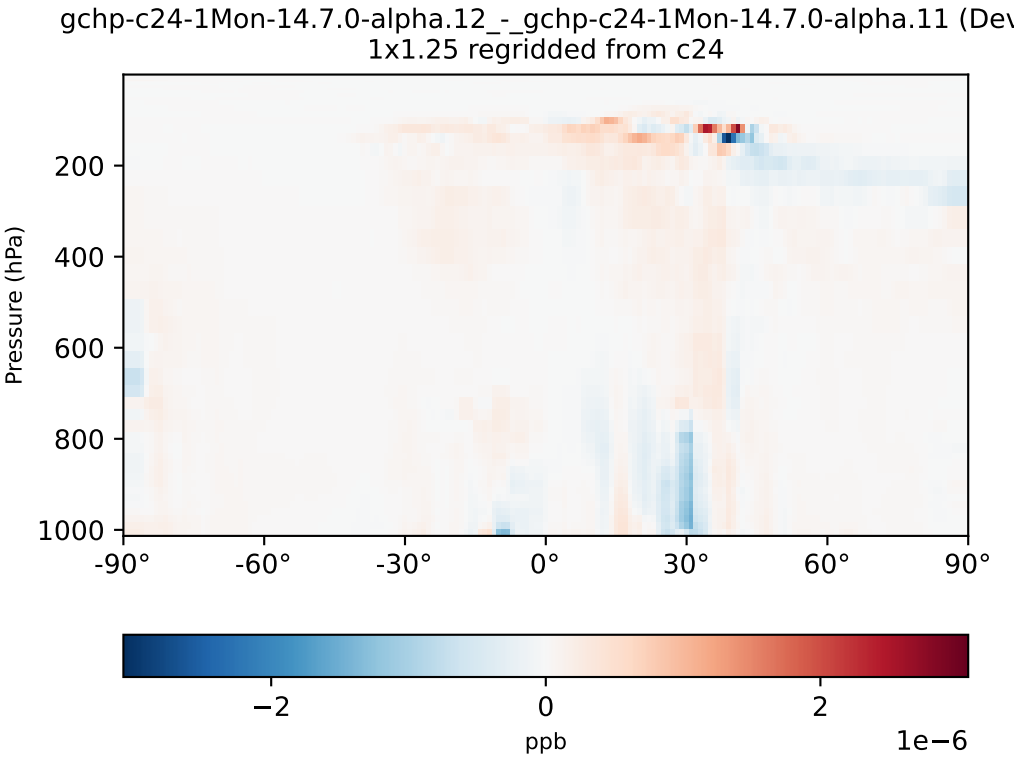
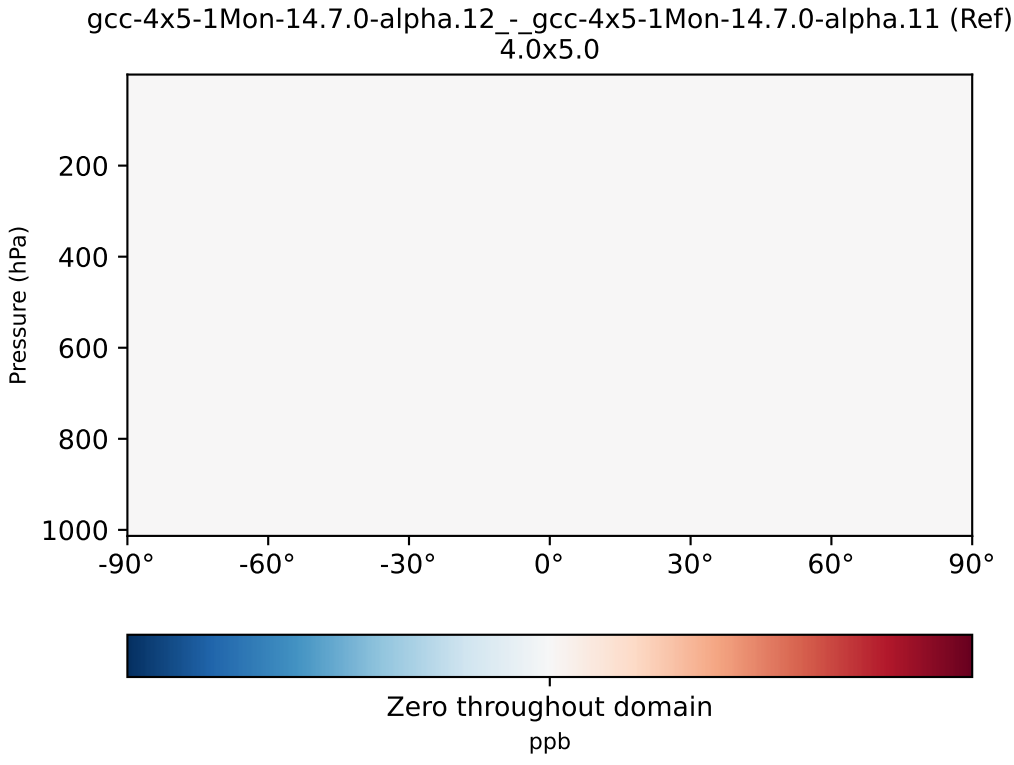
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



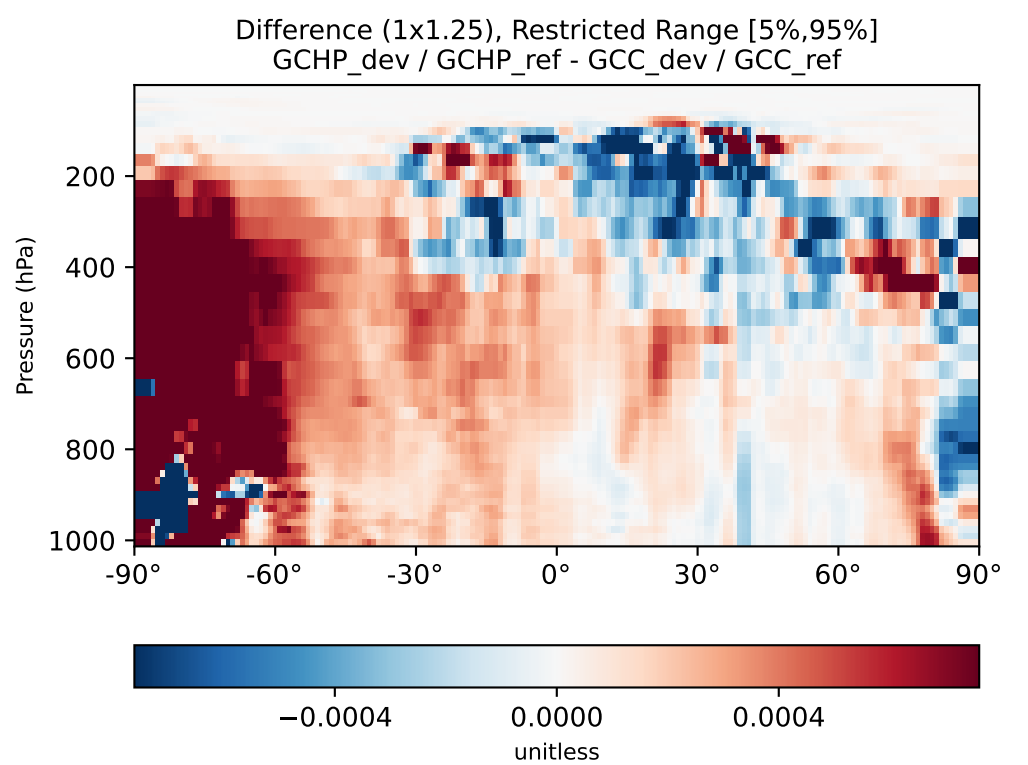
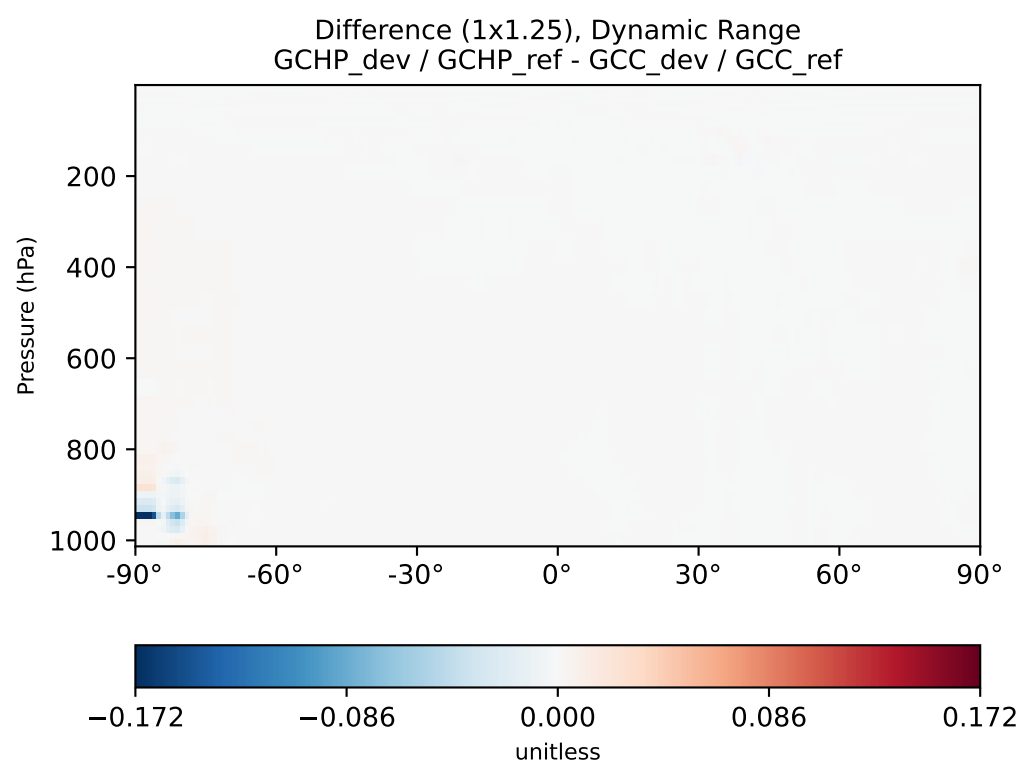
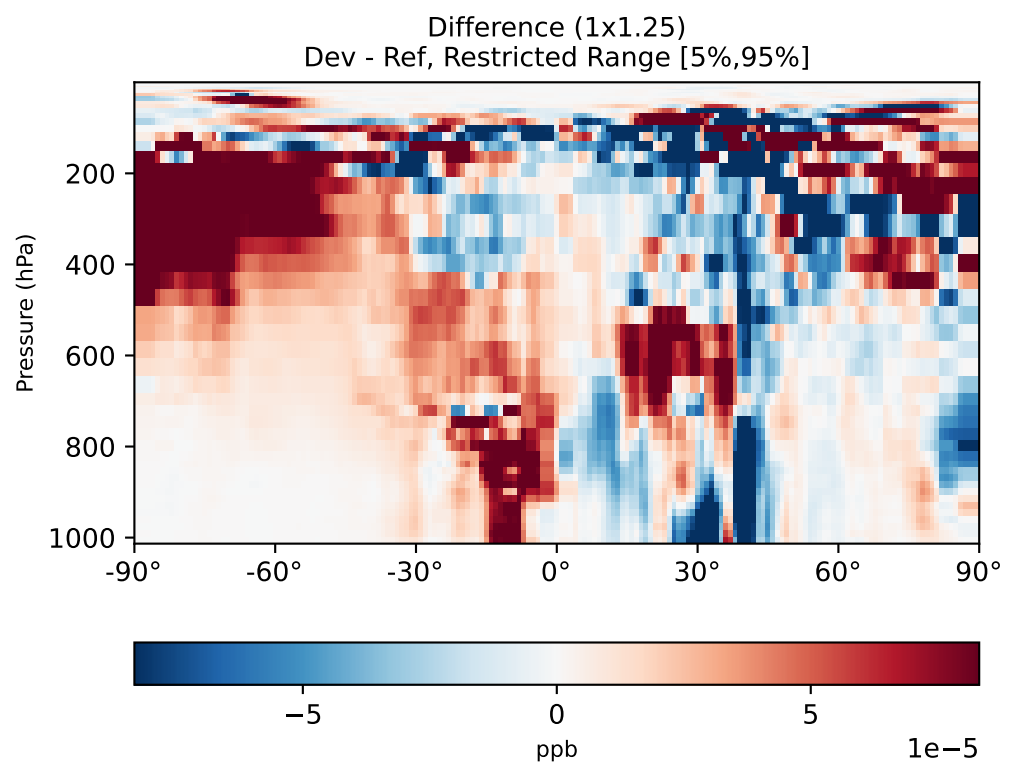
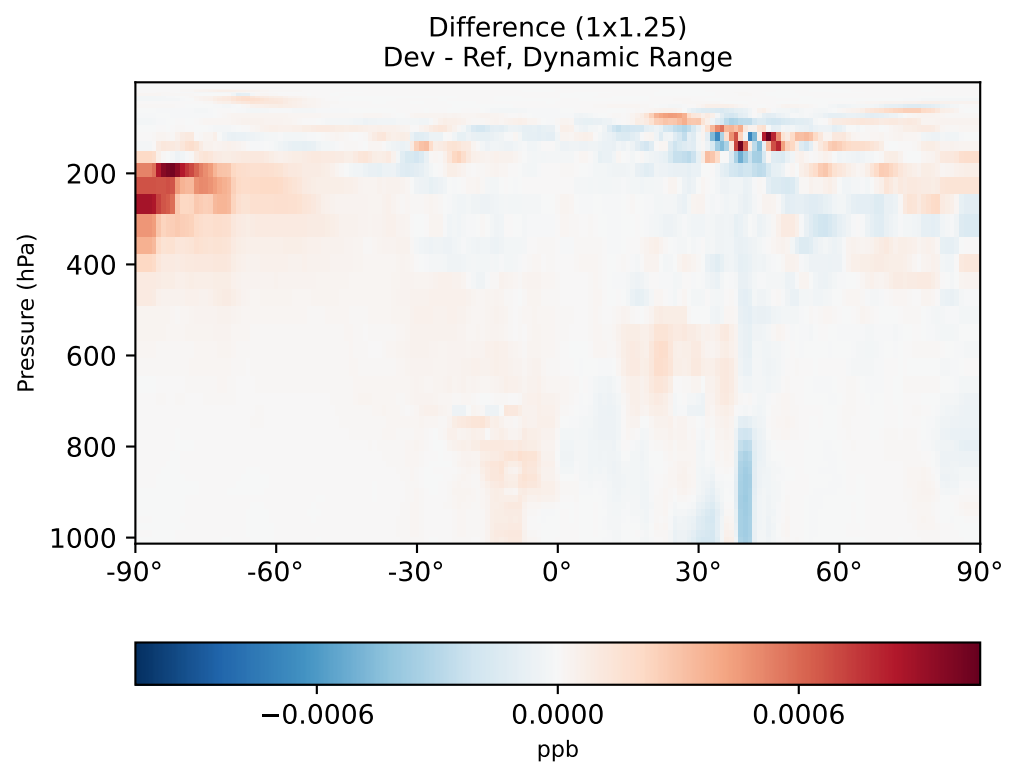
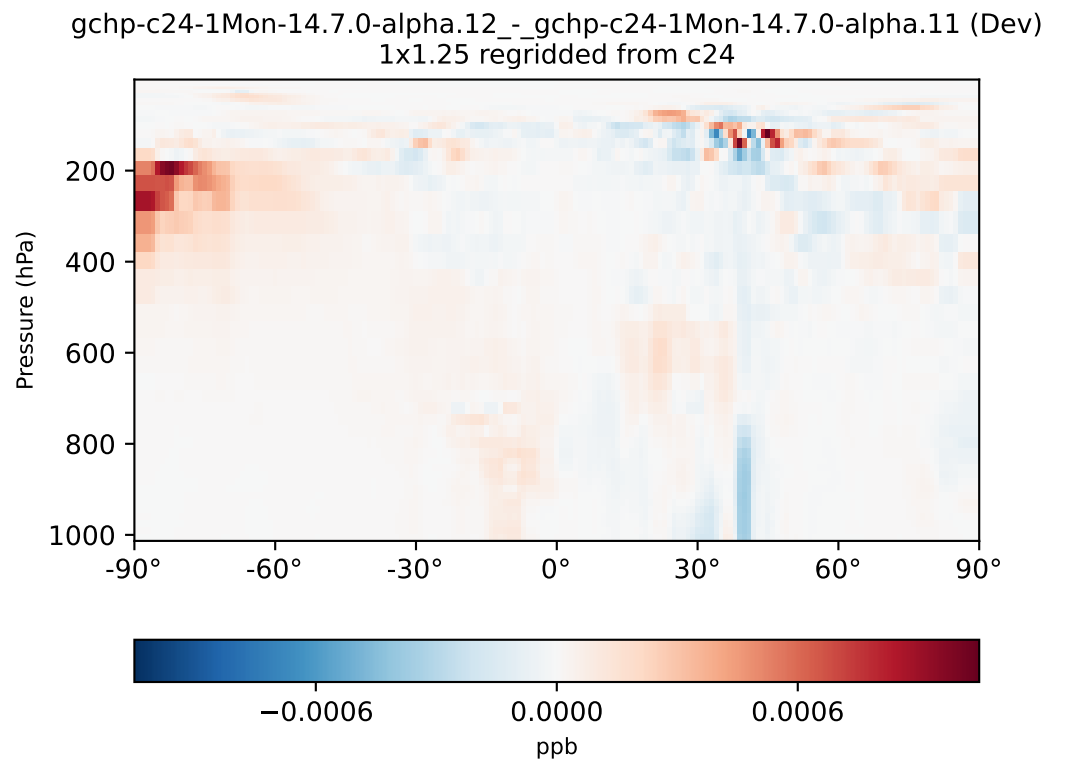
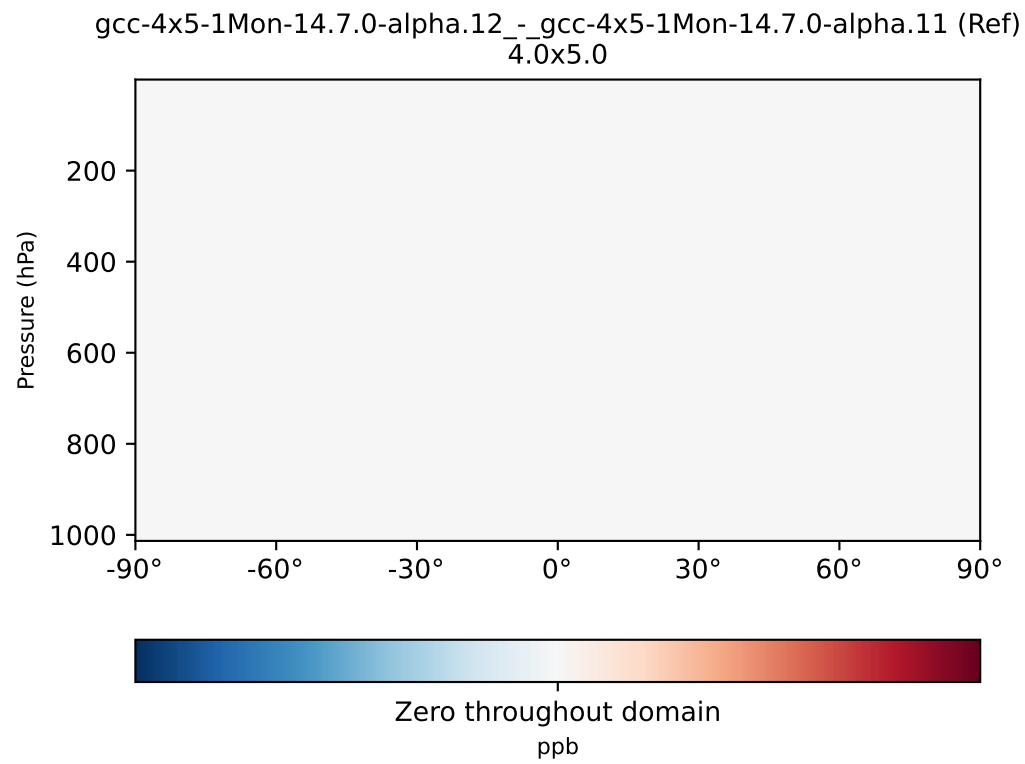
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



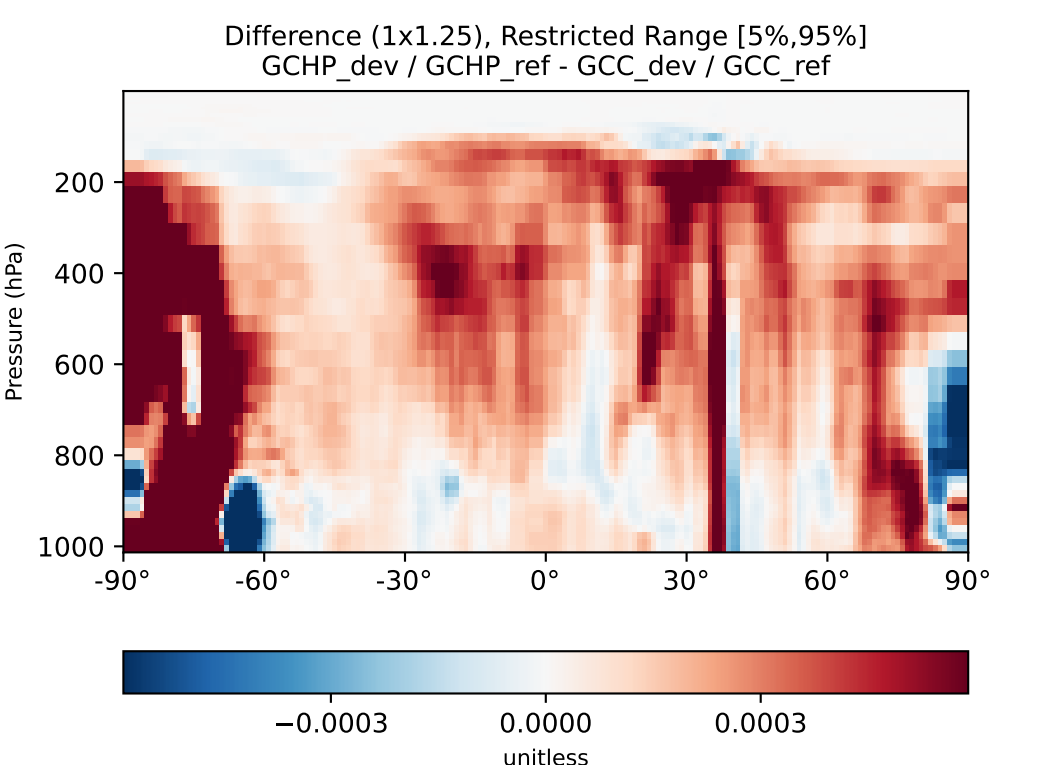
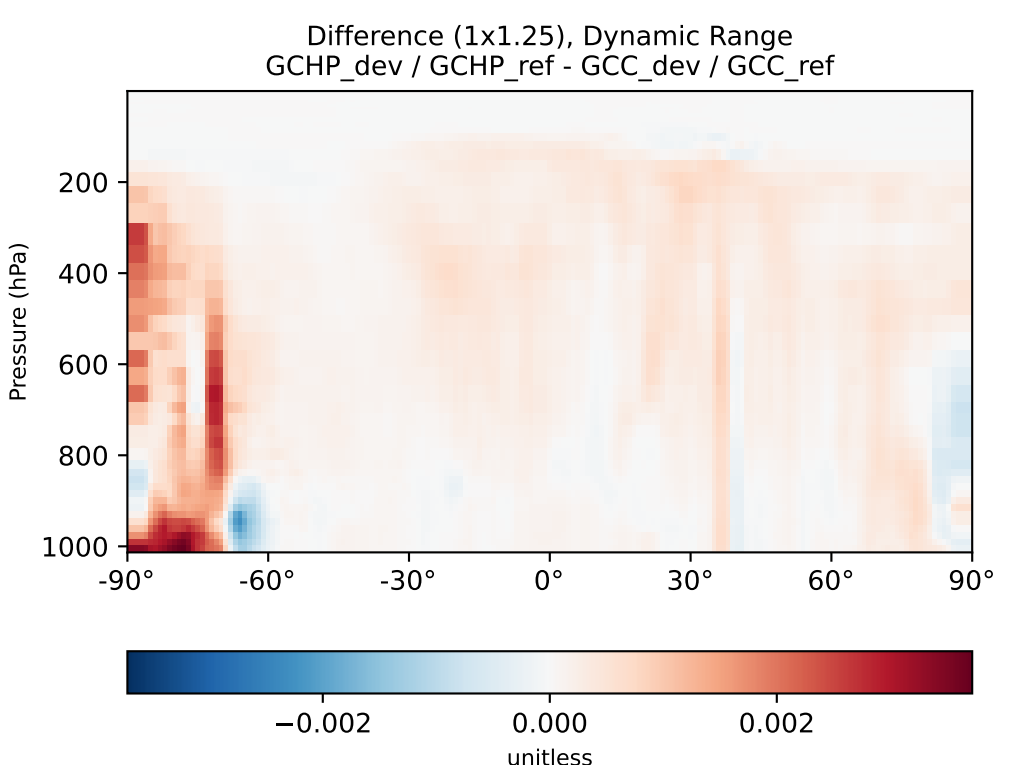
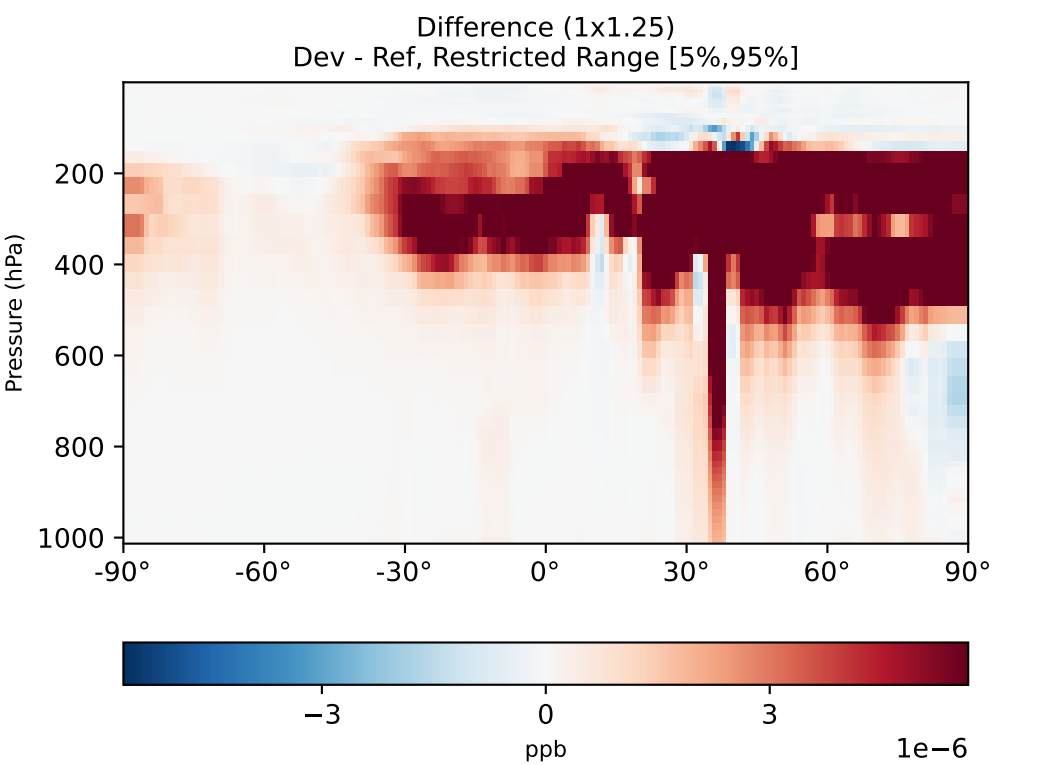
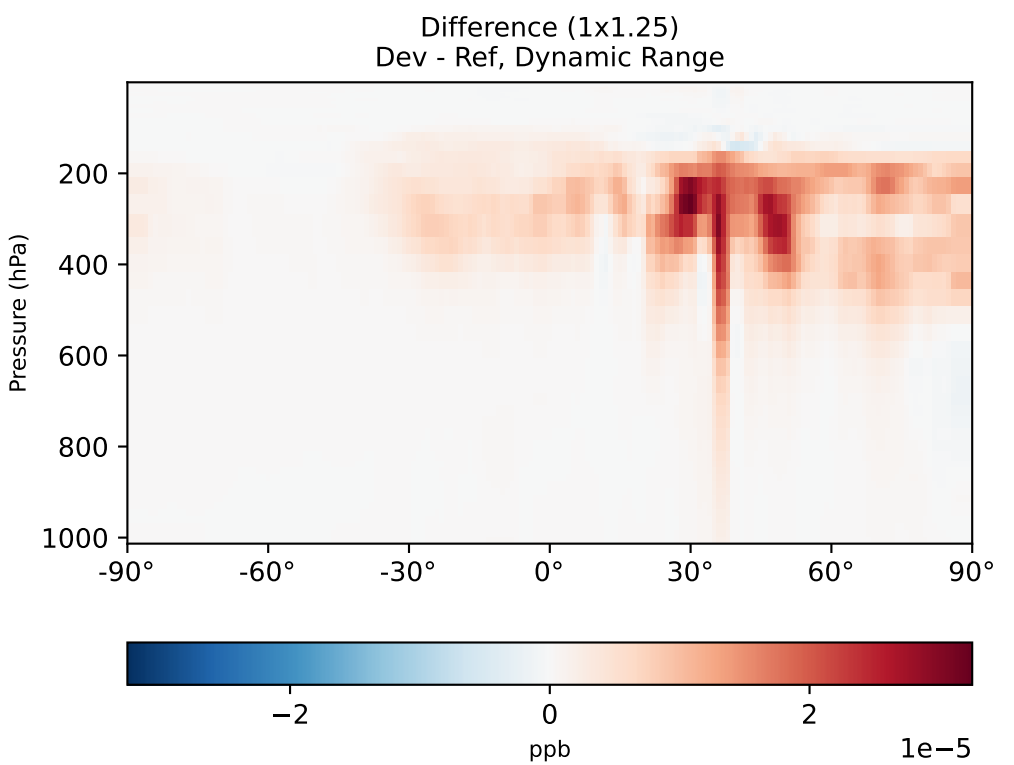
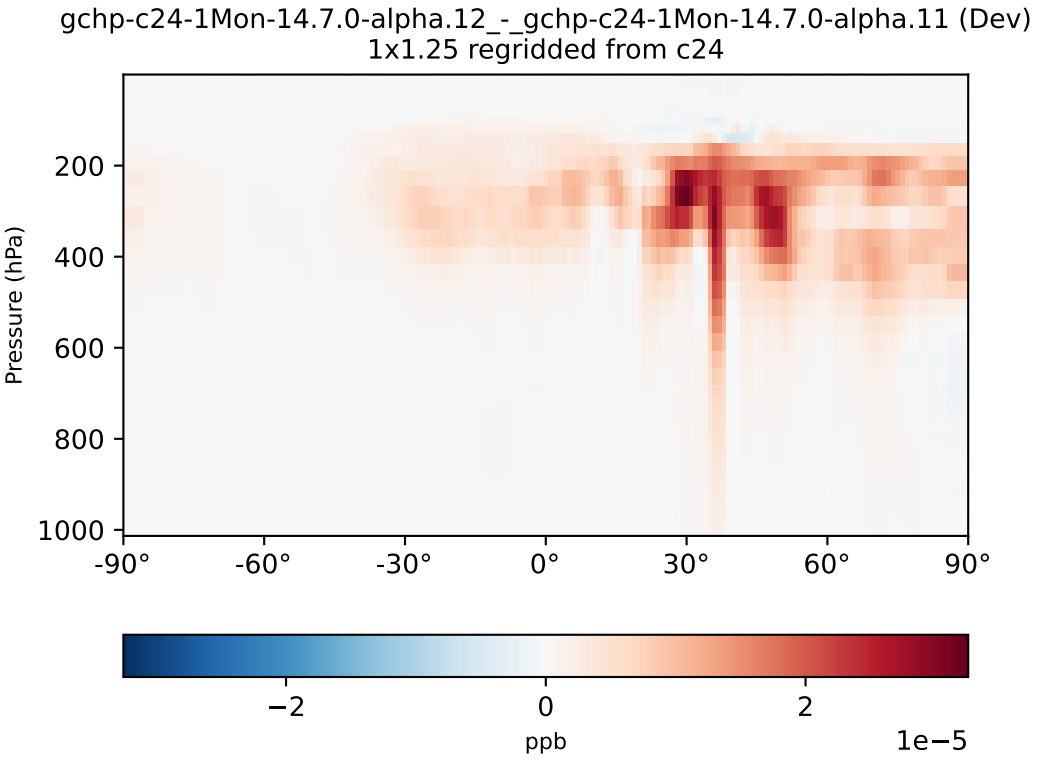
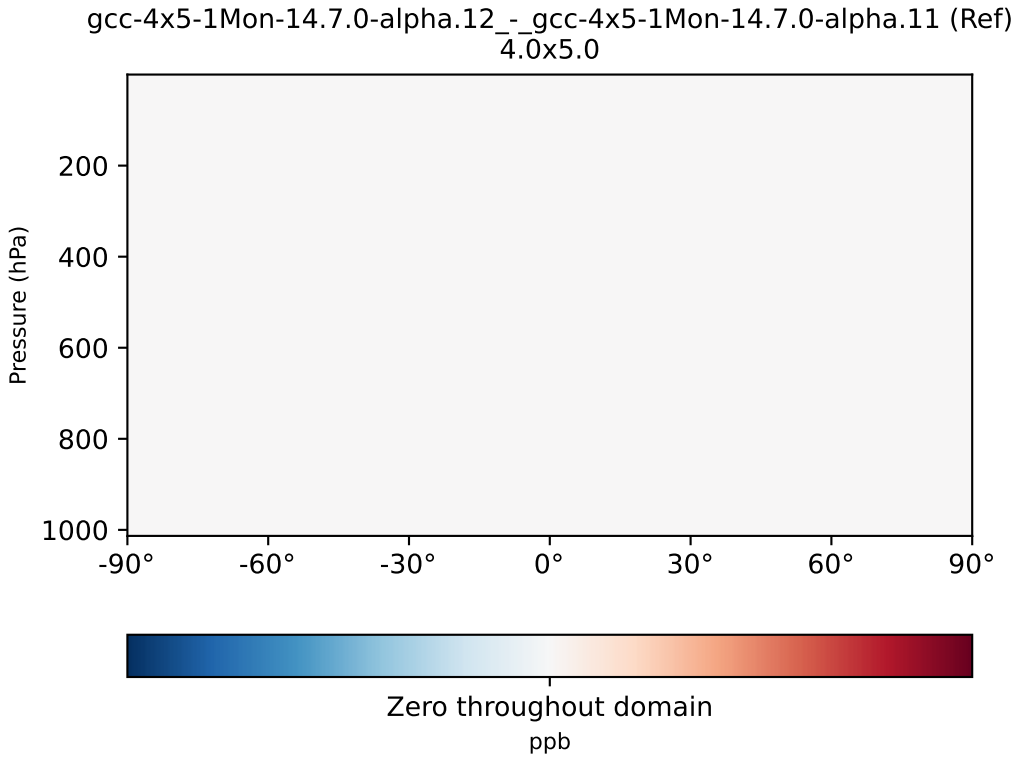
SpeciesConcVV_HNO2, Zonal Mean



SpeciesConcVV_HNO3, Zonal Mean

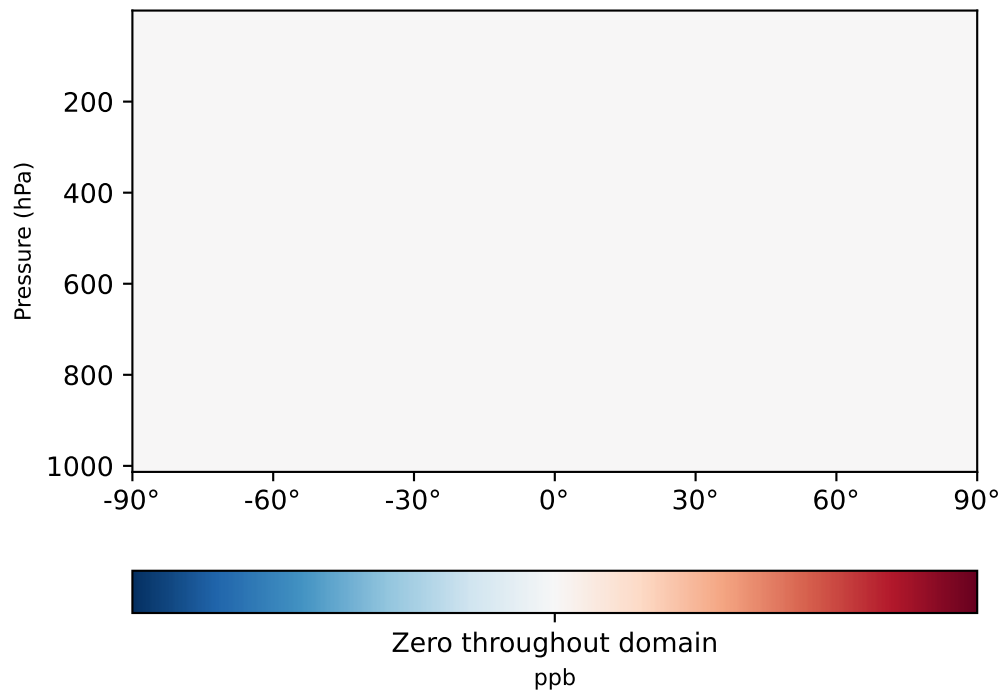


SpeciesConcVV_HNO4, Zonal Mean

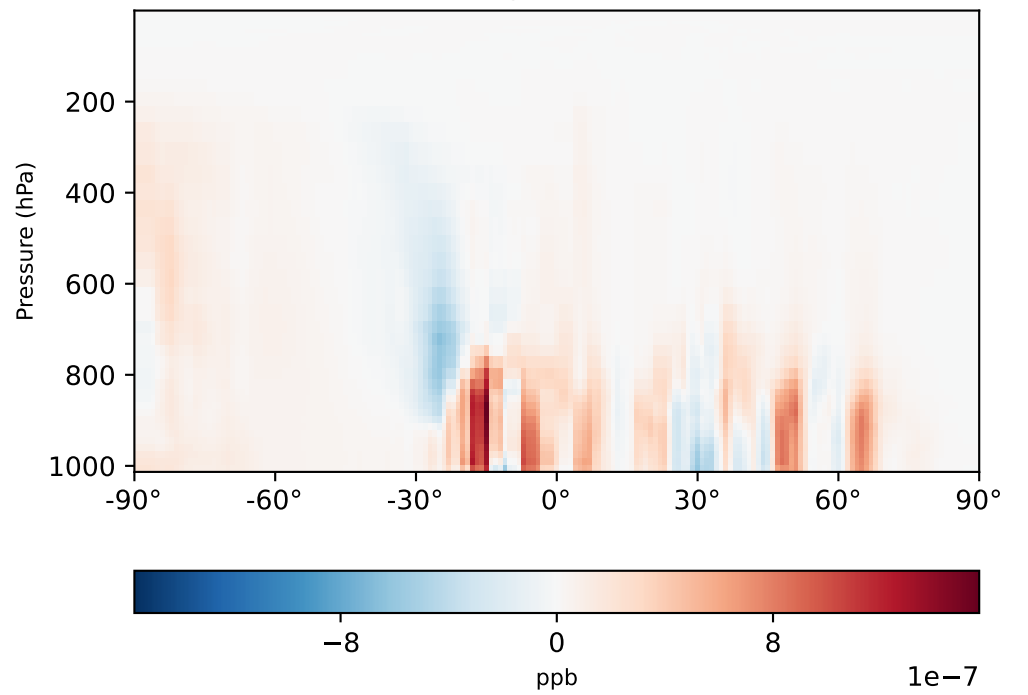


SpeciesConcVV_MPAN, Zonal Mean

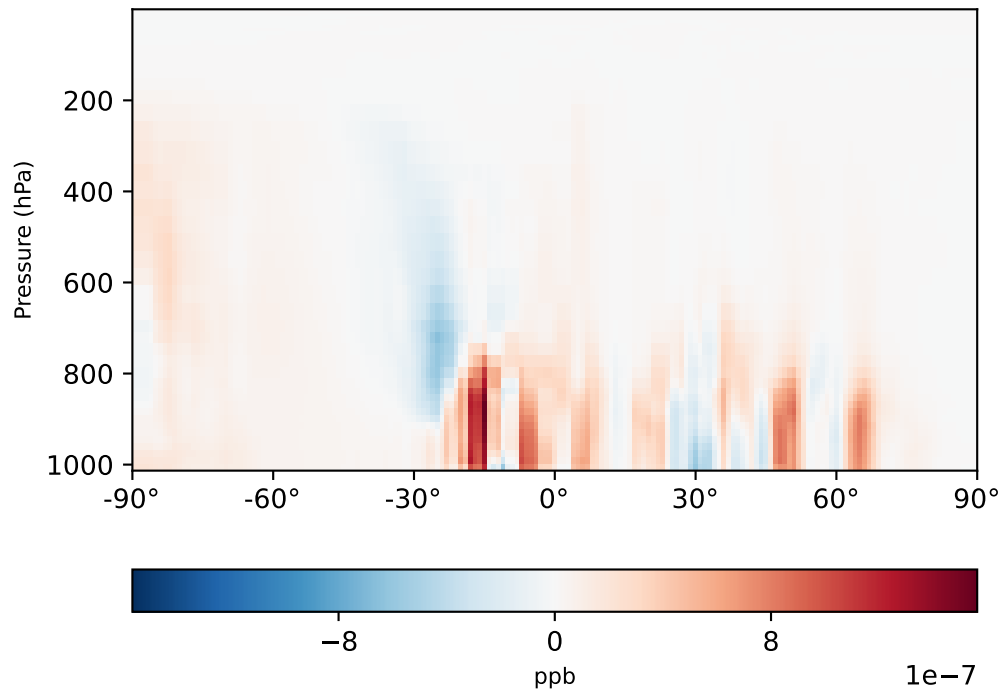
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



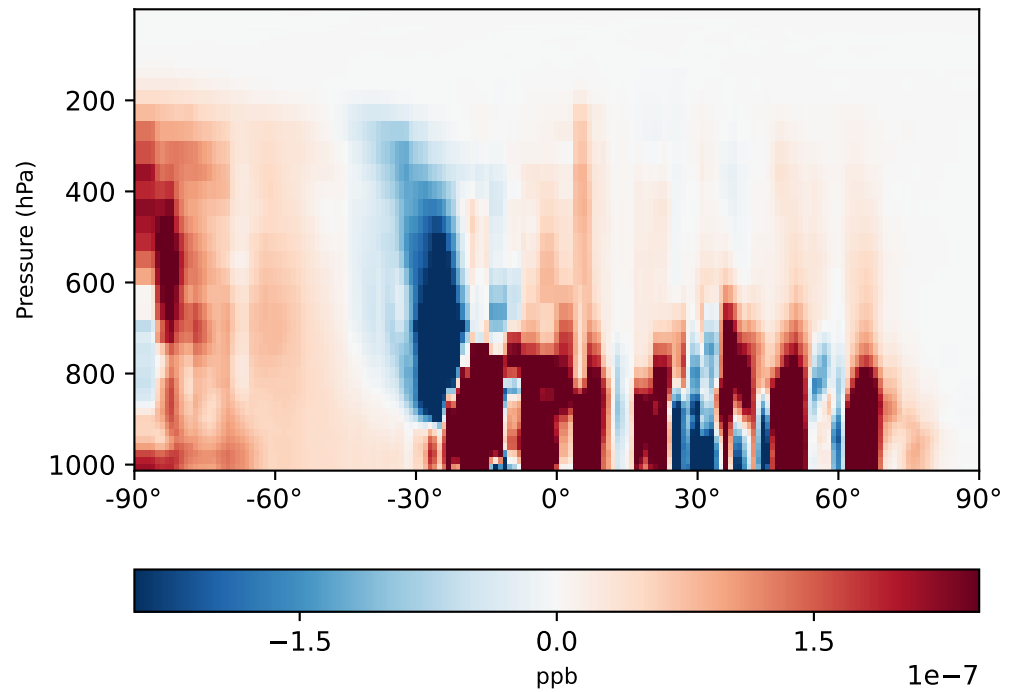
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



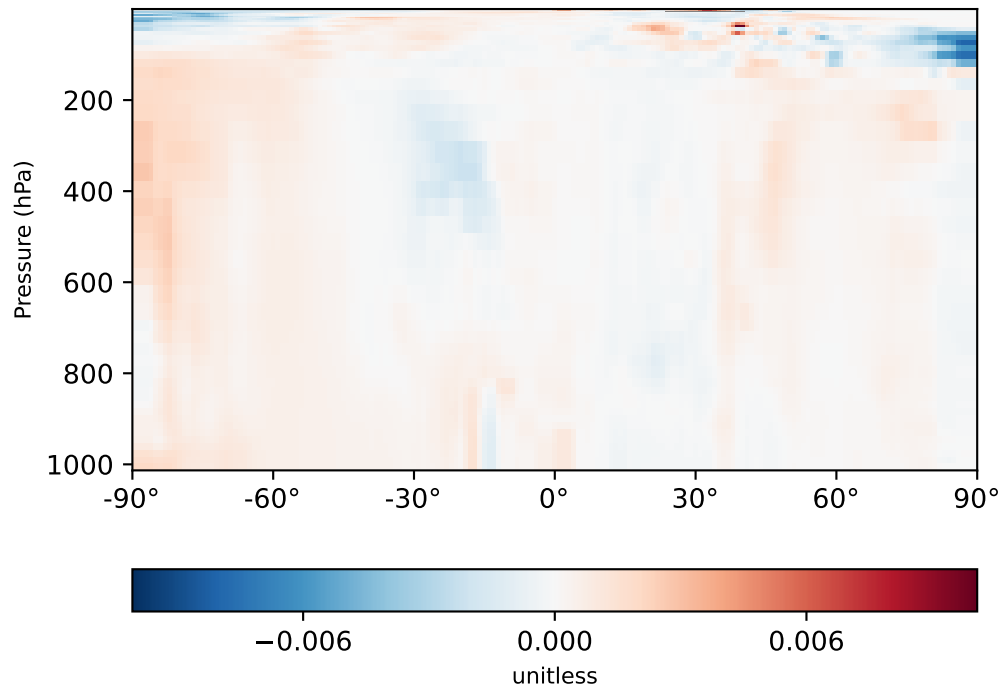
Difference (1x1.25)
Dev - Ref, Dynamic Range



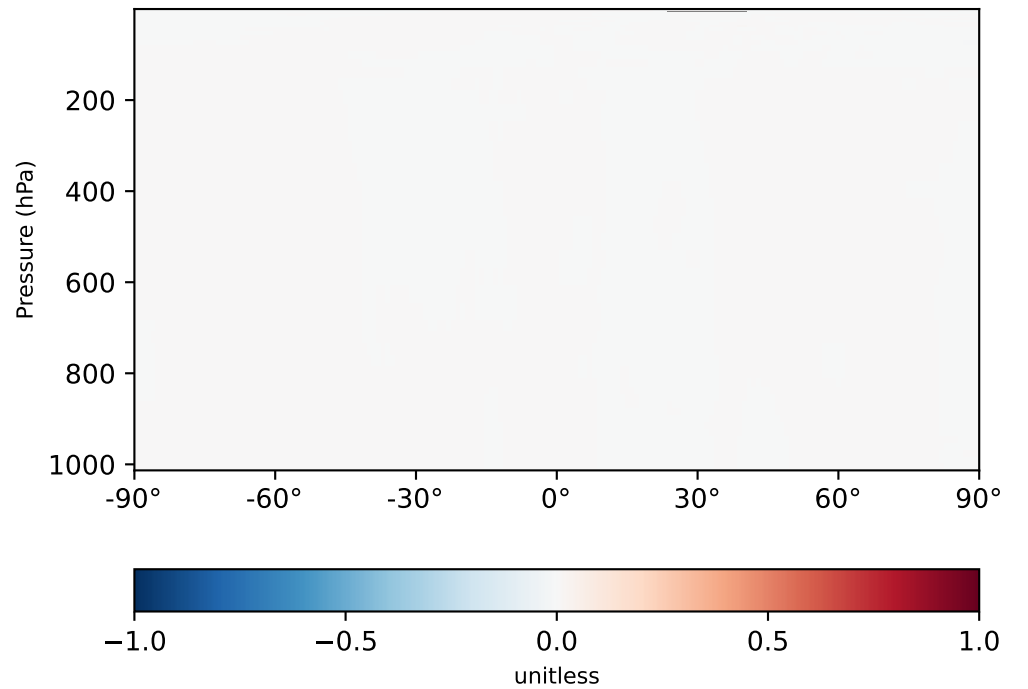
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

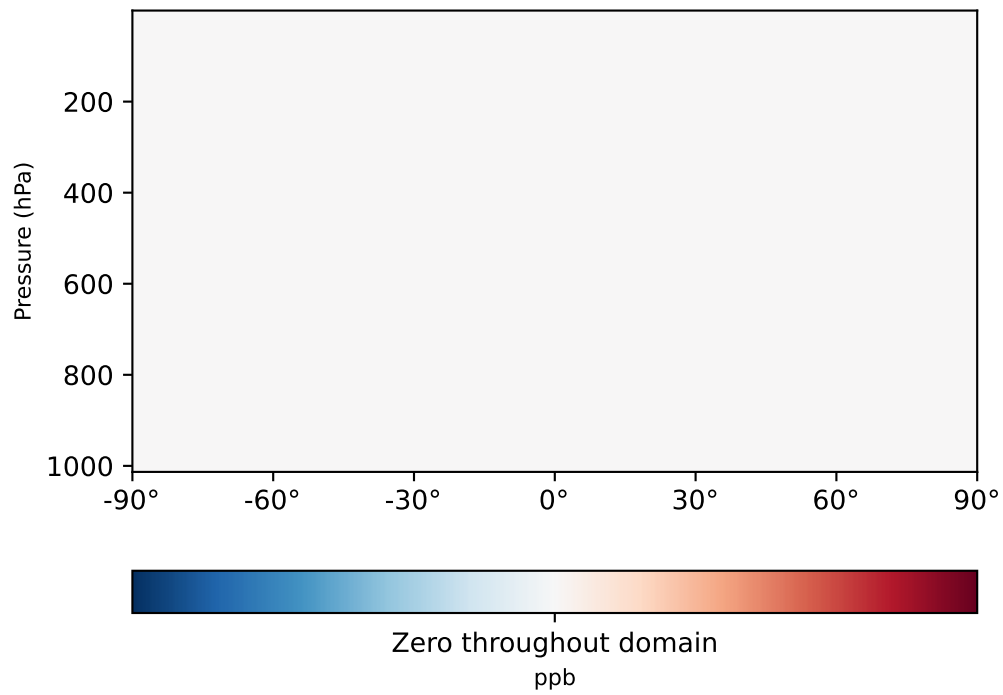


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

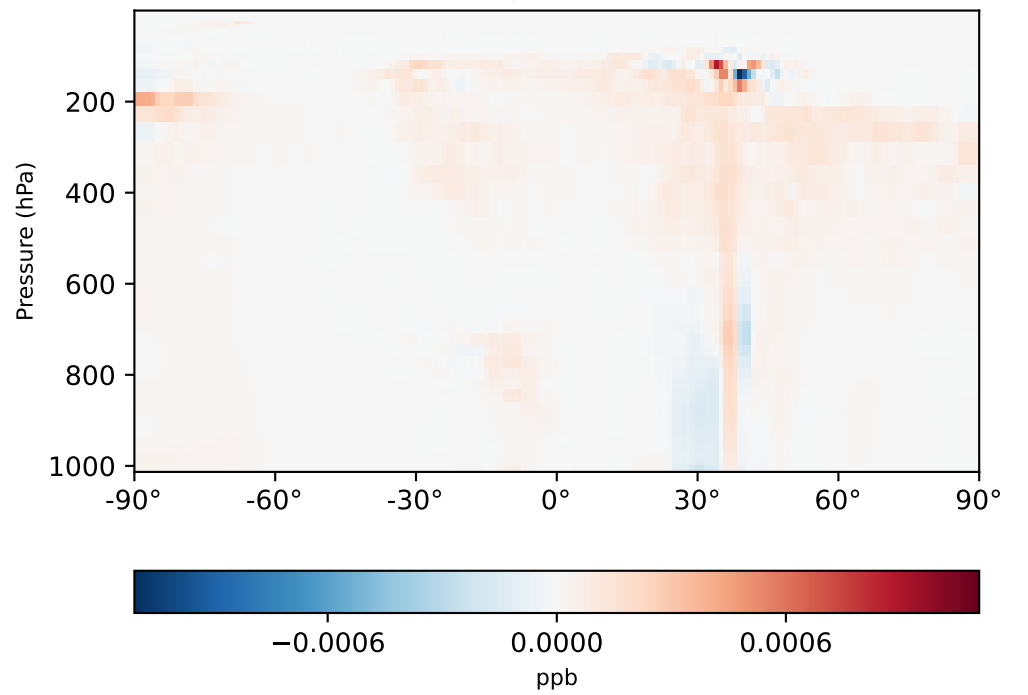


SpeciesConcVV_NIT, Zonal Mean

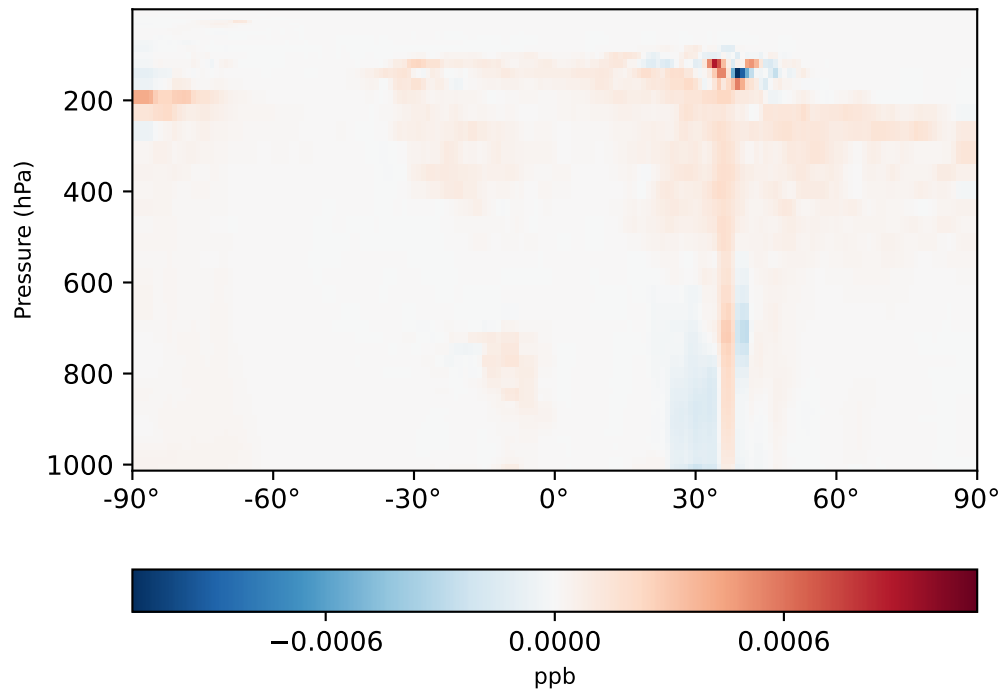
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



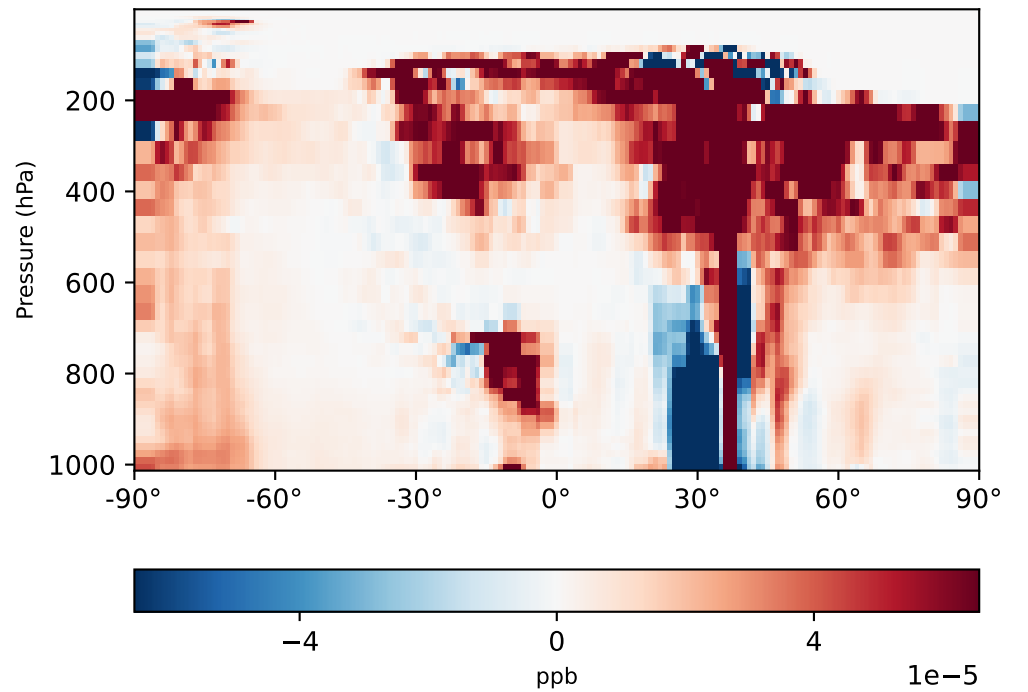
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



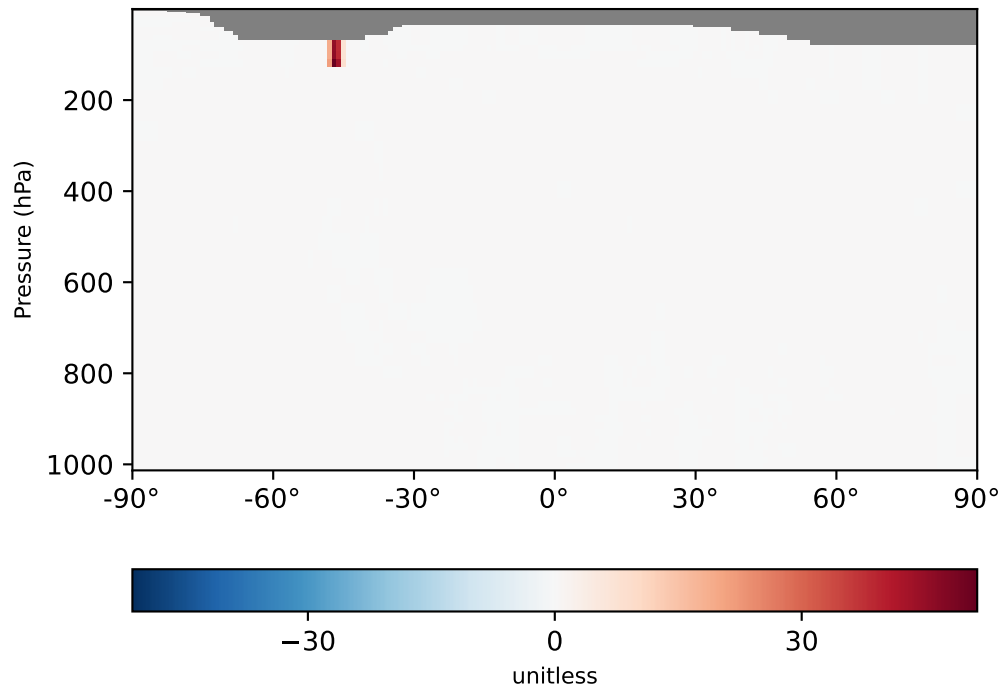
Difference (1x1.25)
Dev - Ref, Dynamic Range



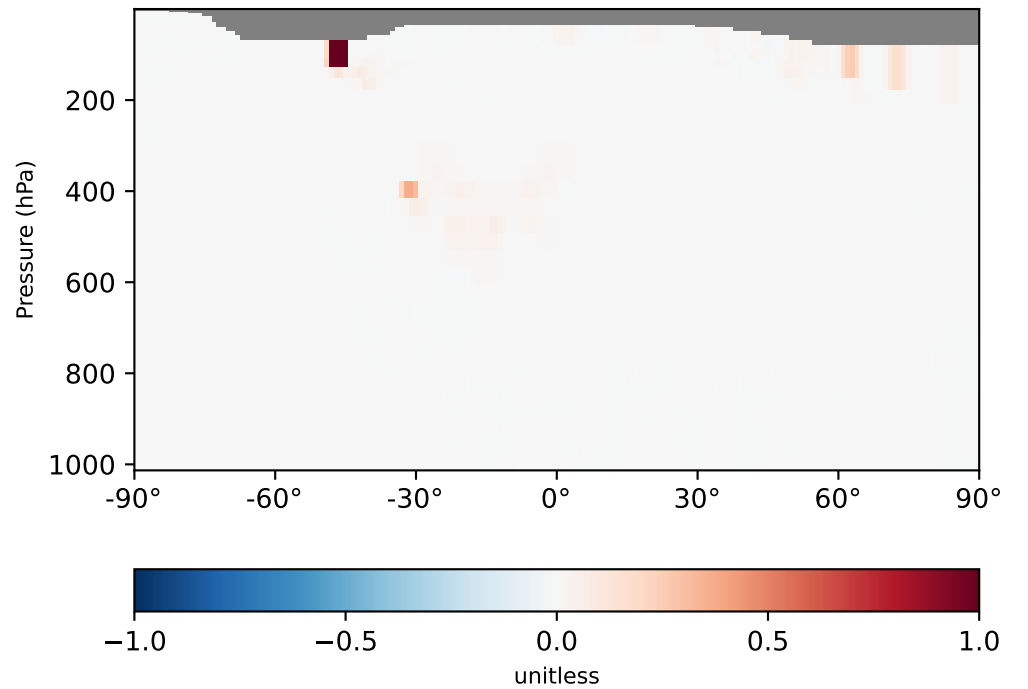
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



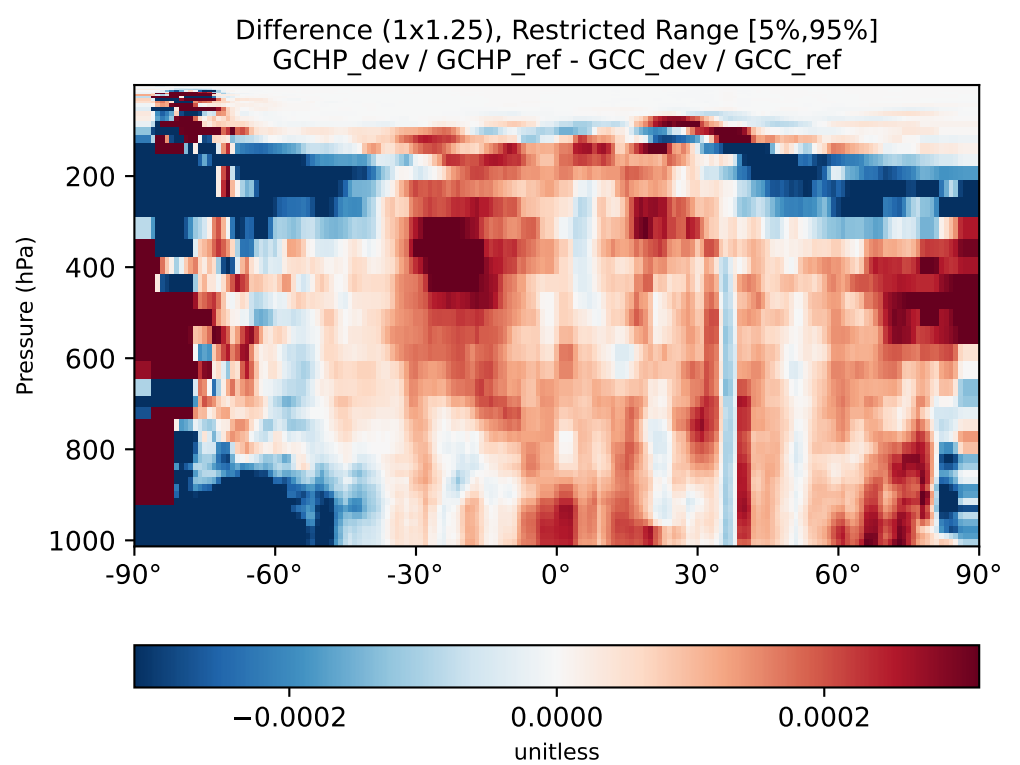
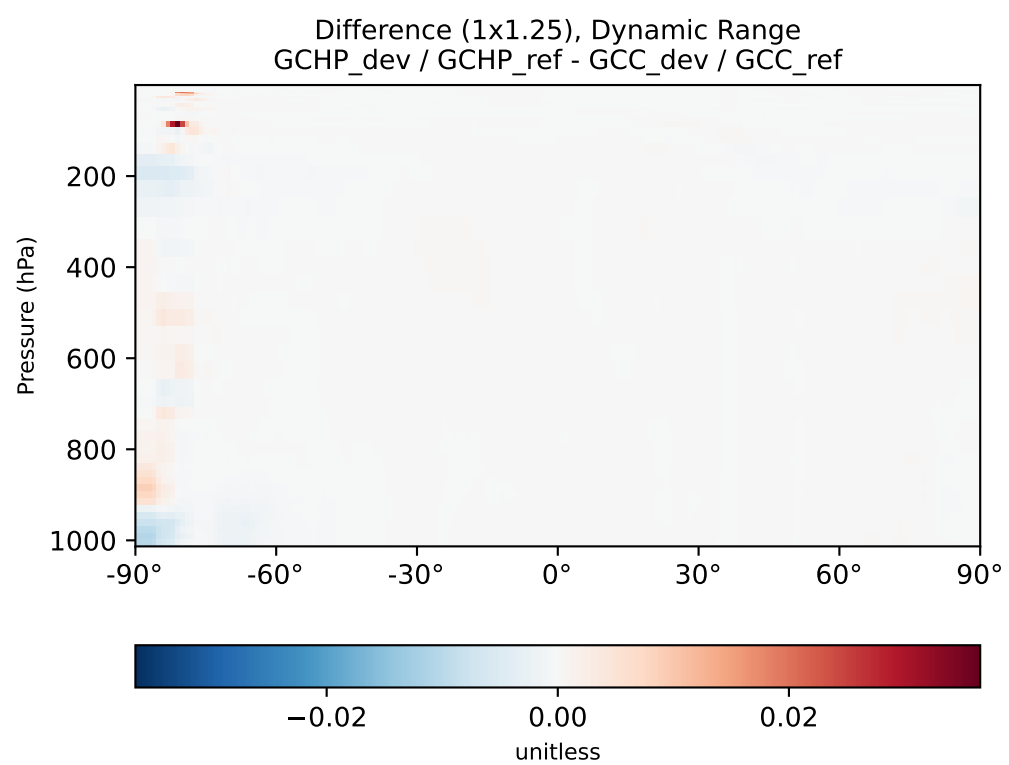
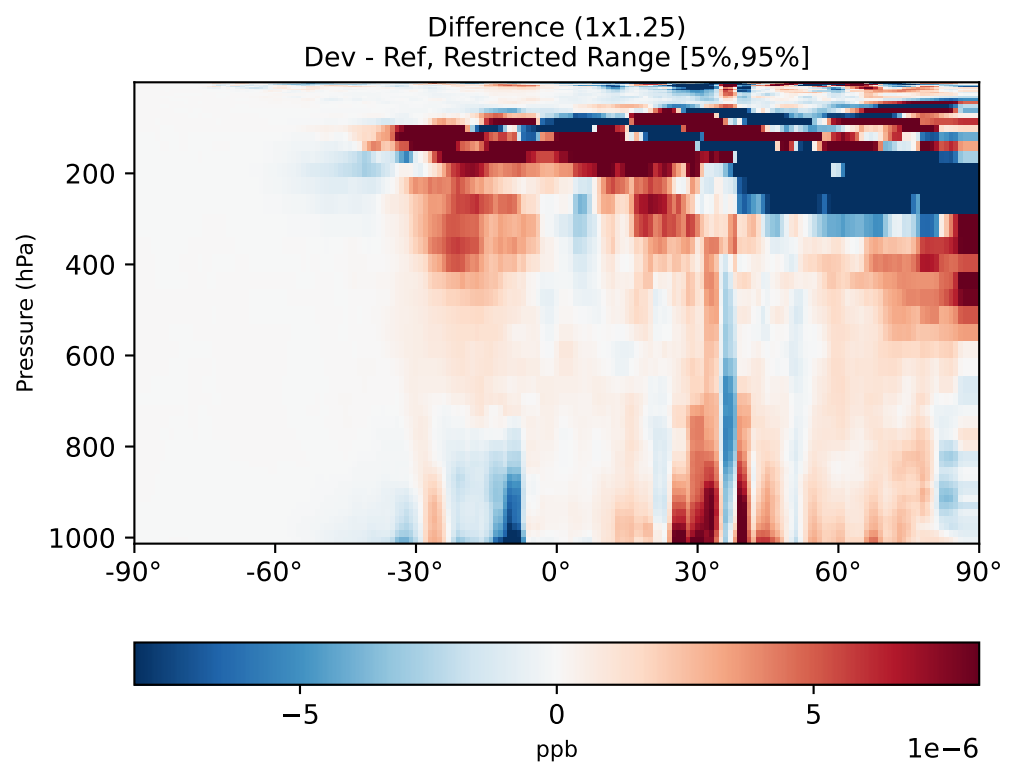
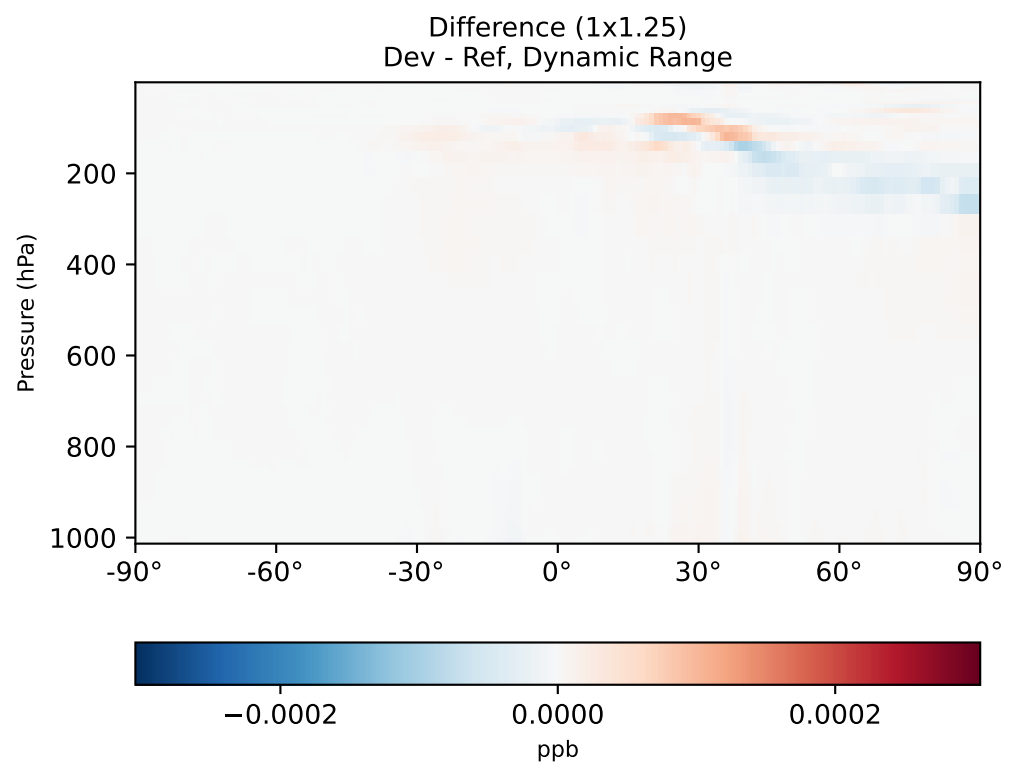
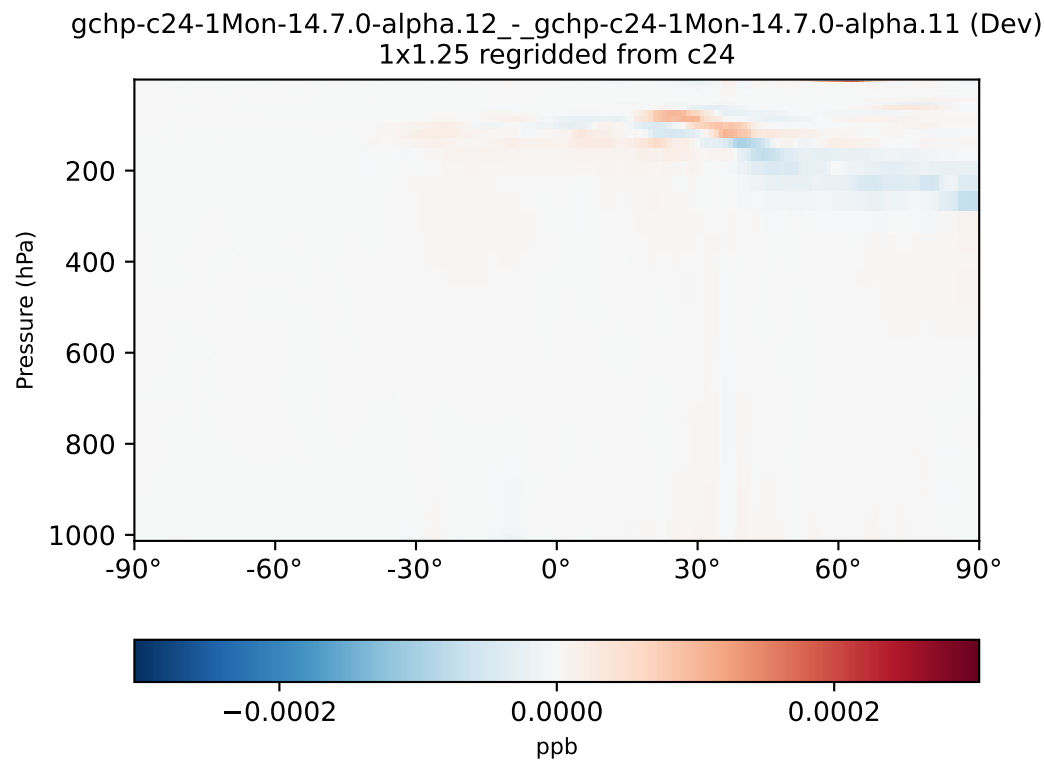
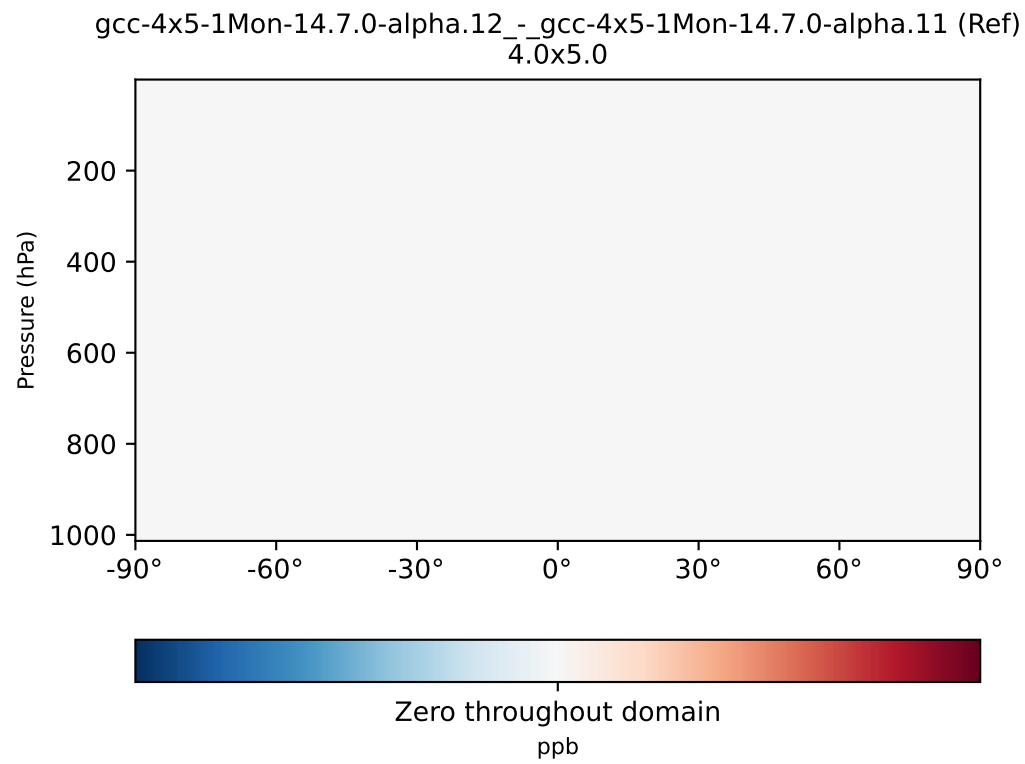
Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



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

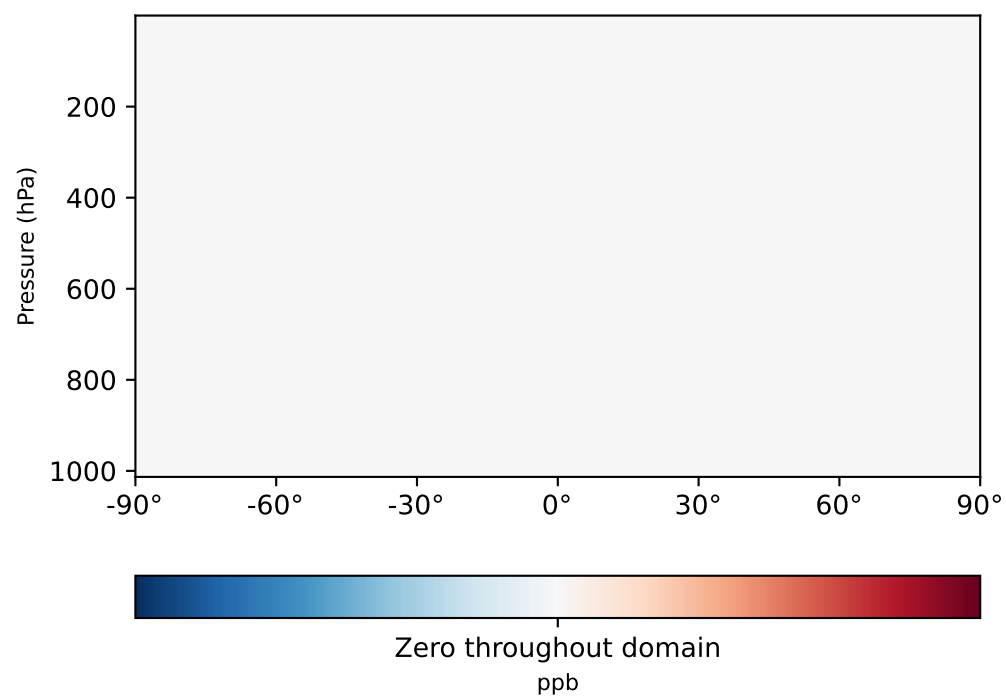


SpeciesConcVV_NO, Zonal Mean

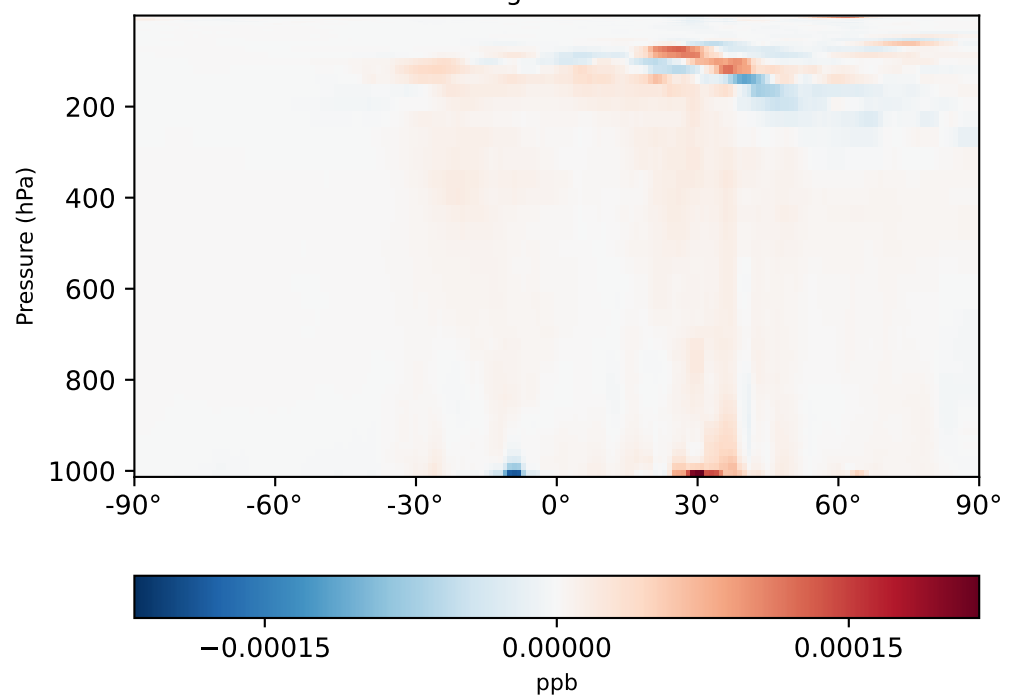


SpeciesConcVV_NO2, Zonal Mean

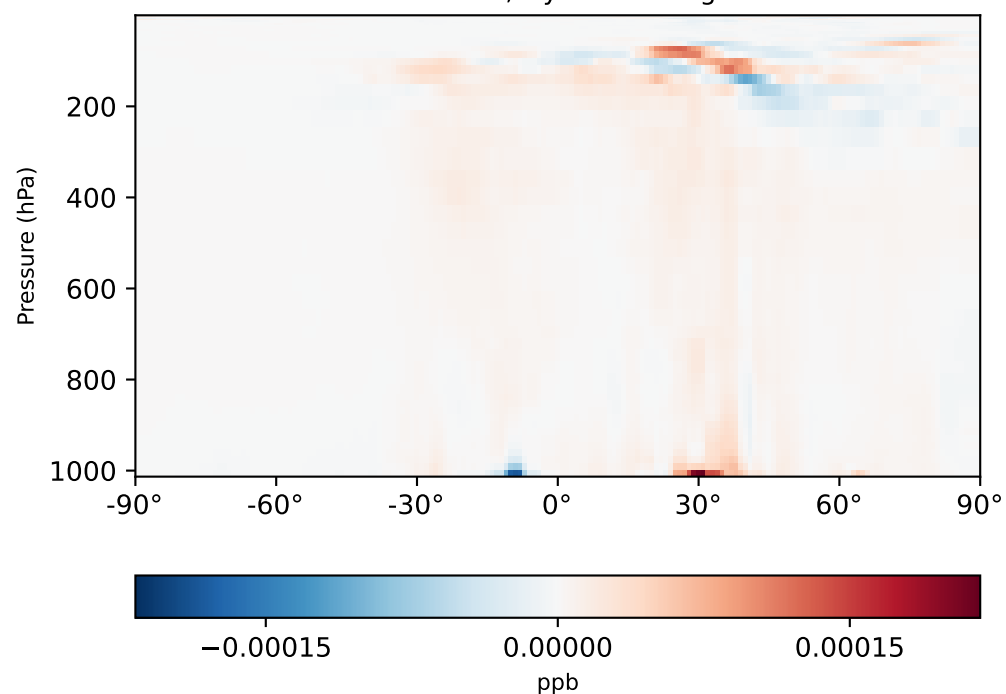
gcc-4x5-1Mon-14.7.0-alpha.12_- gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



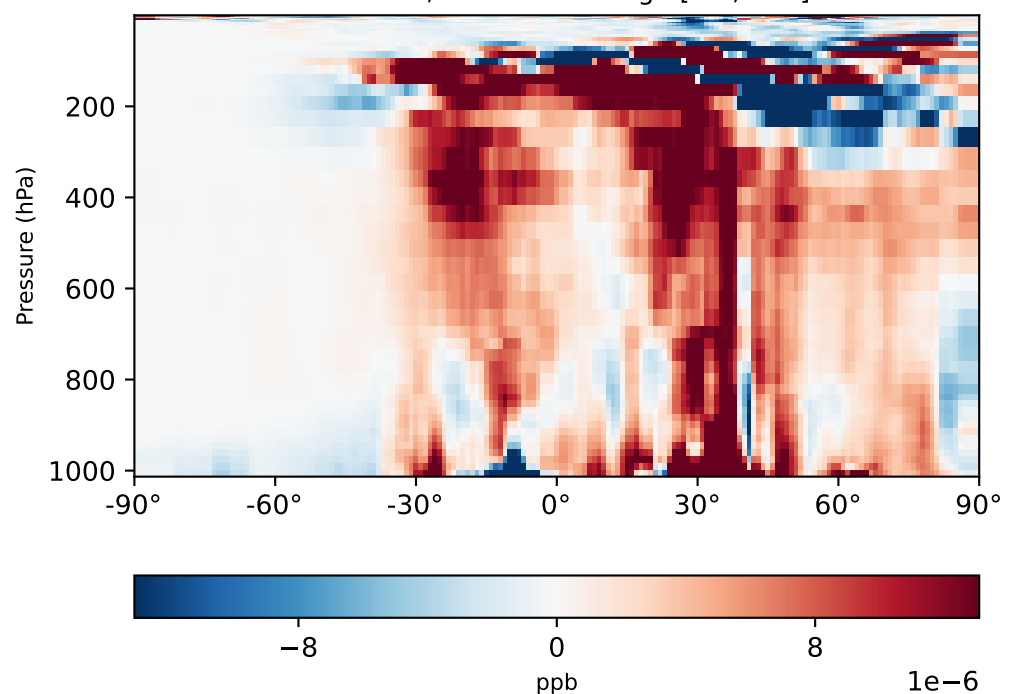
gchp-c24-1Mon-14.7.0-alpha.12_- gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



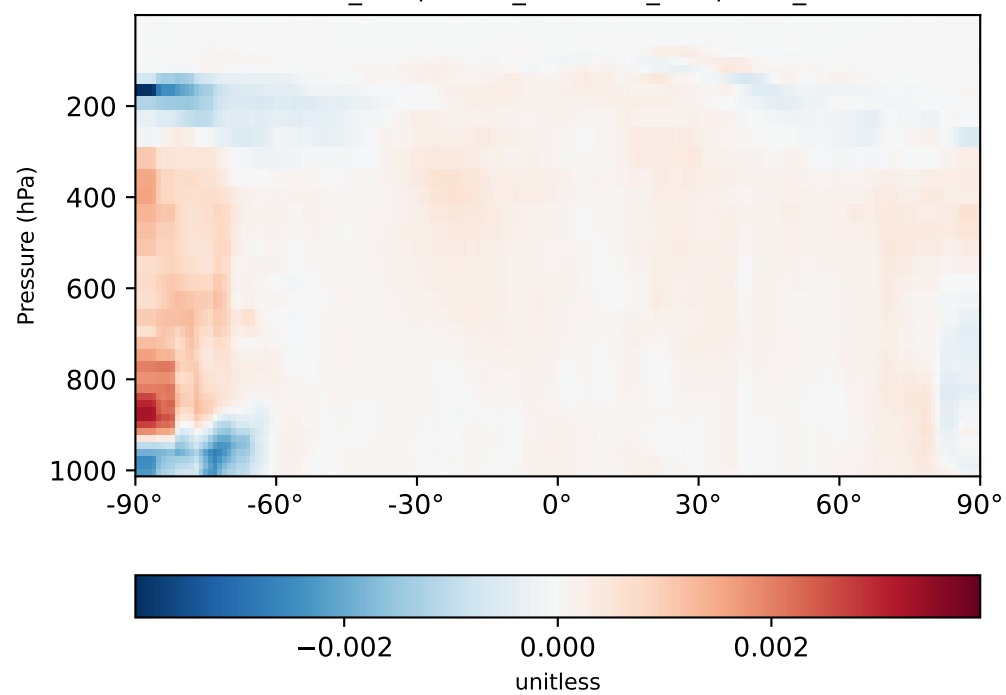
Difference (1x1.25)
Dev - Ref, Dynamic Range



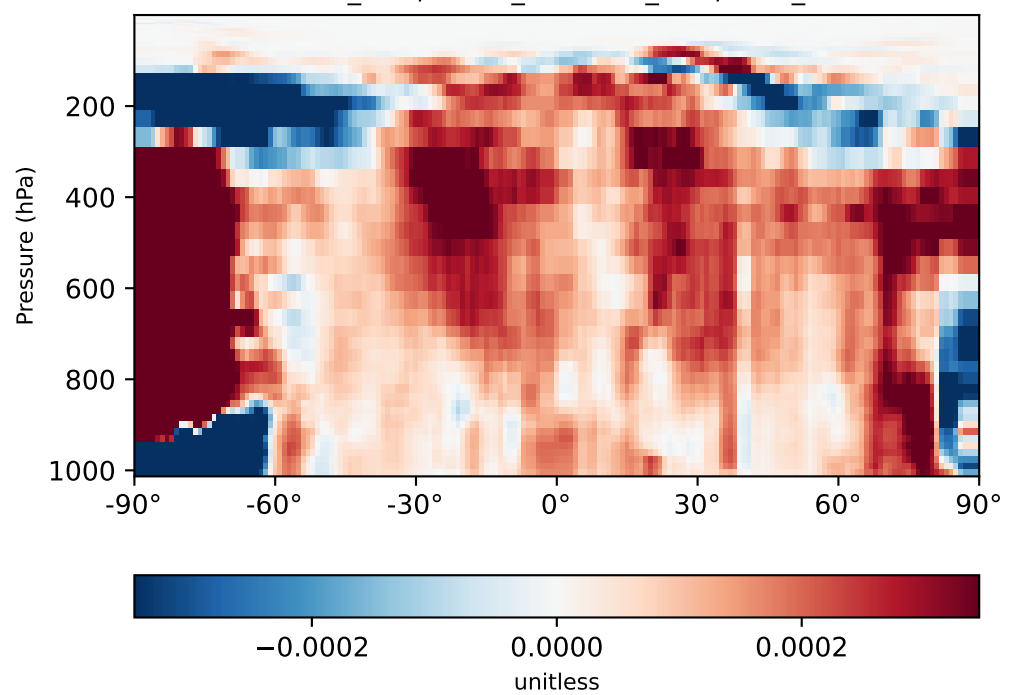
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

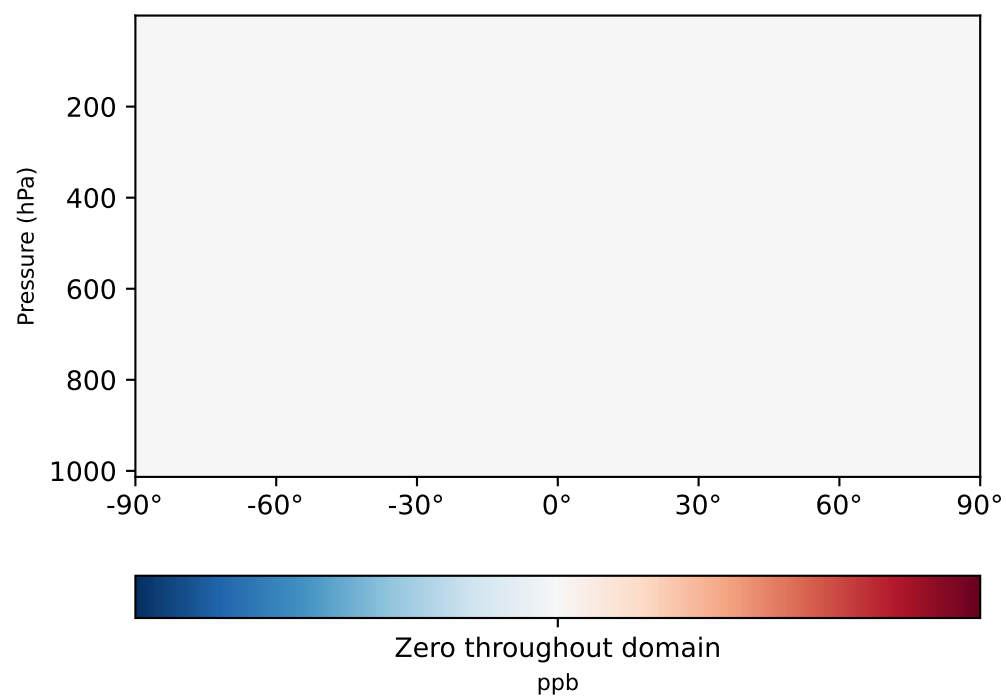


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

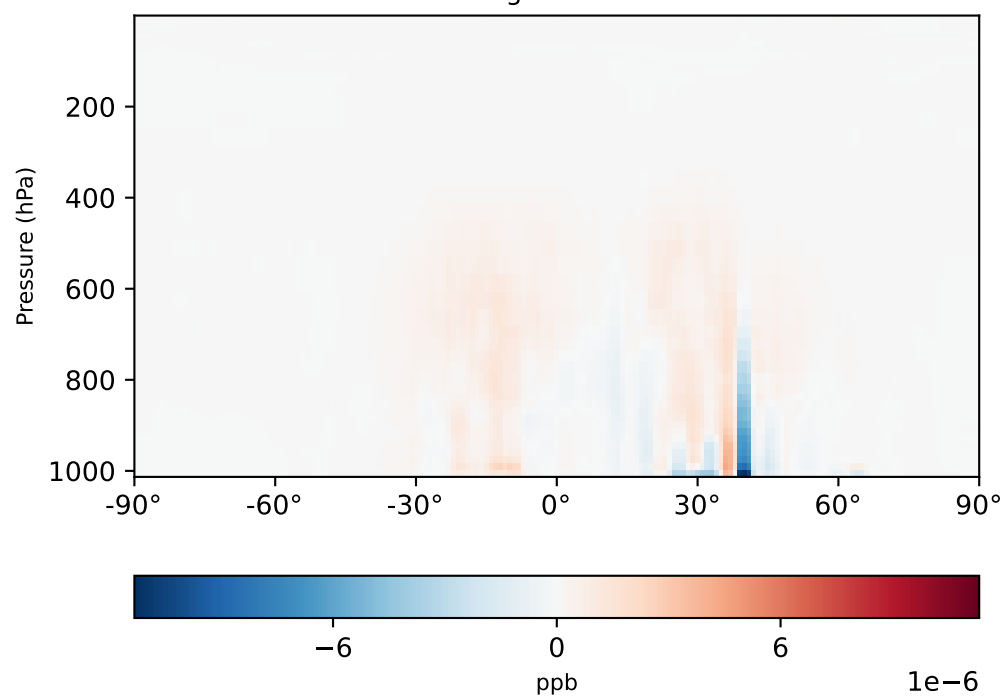


SpeciesConcVV_NO3, Zonal Mean

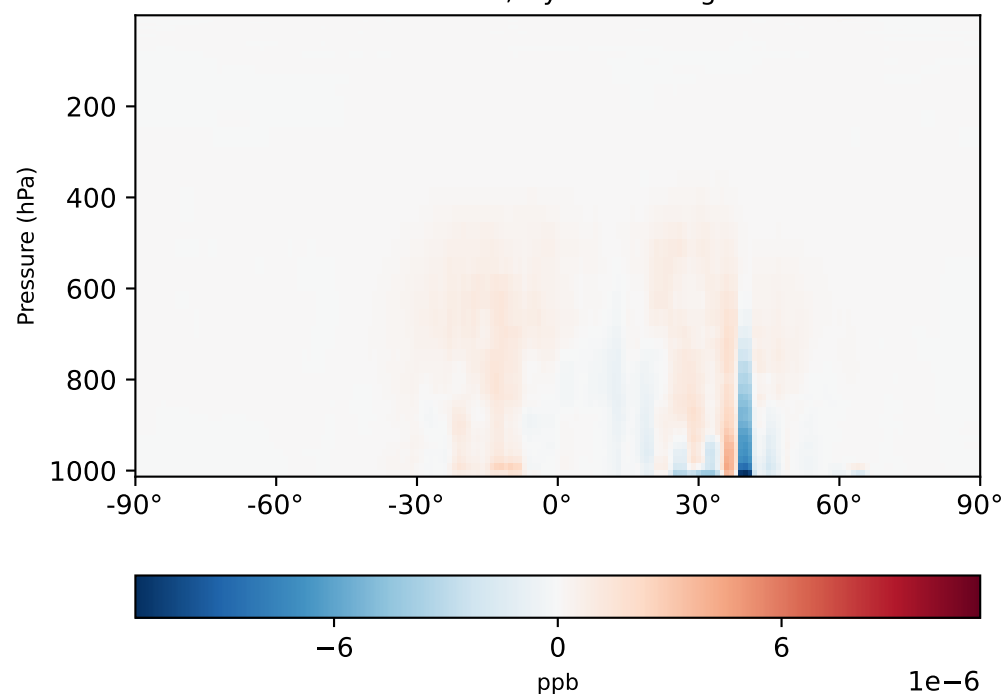
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



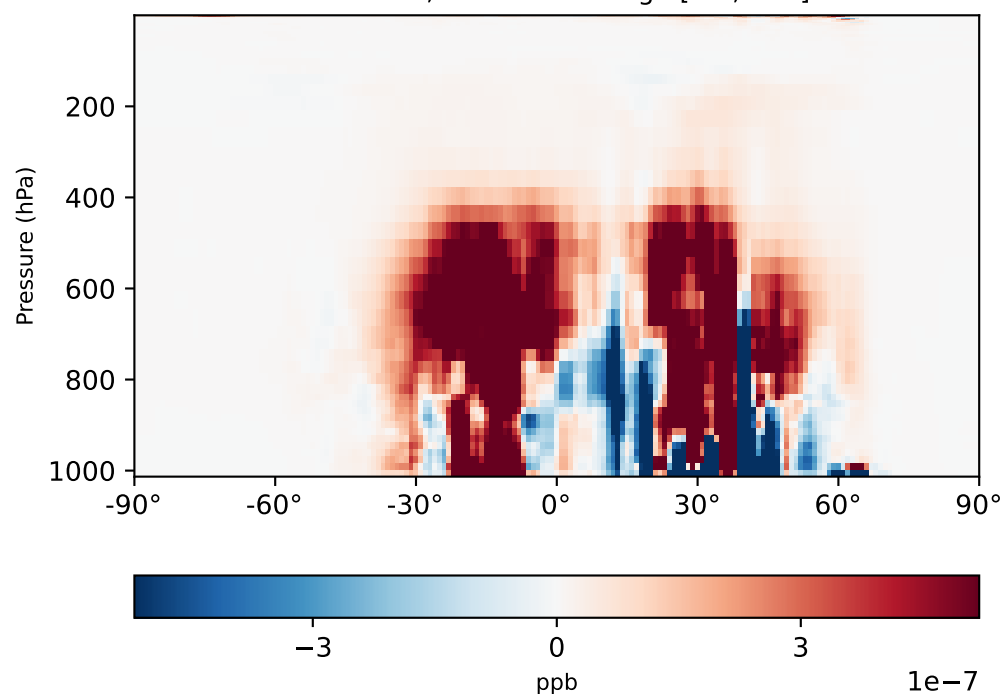
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



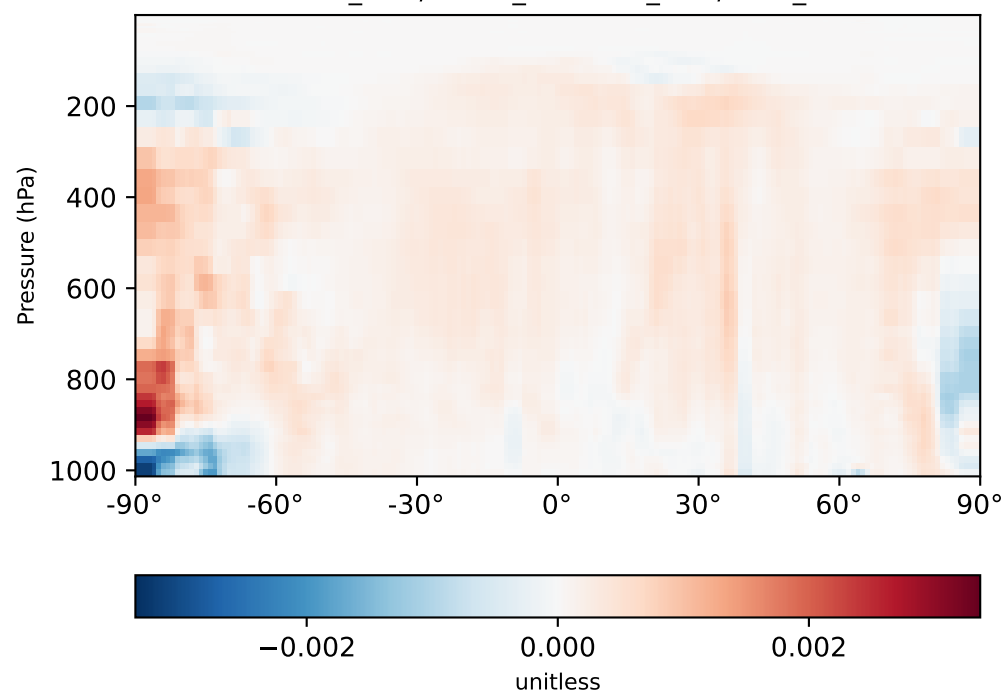
Difference (1x1.25)
Dev - Ref, Dynamic Range



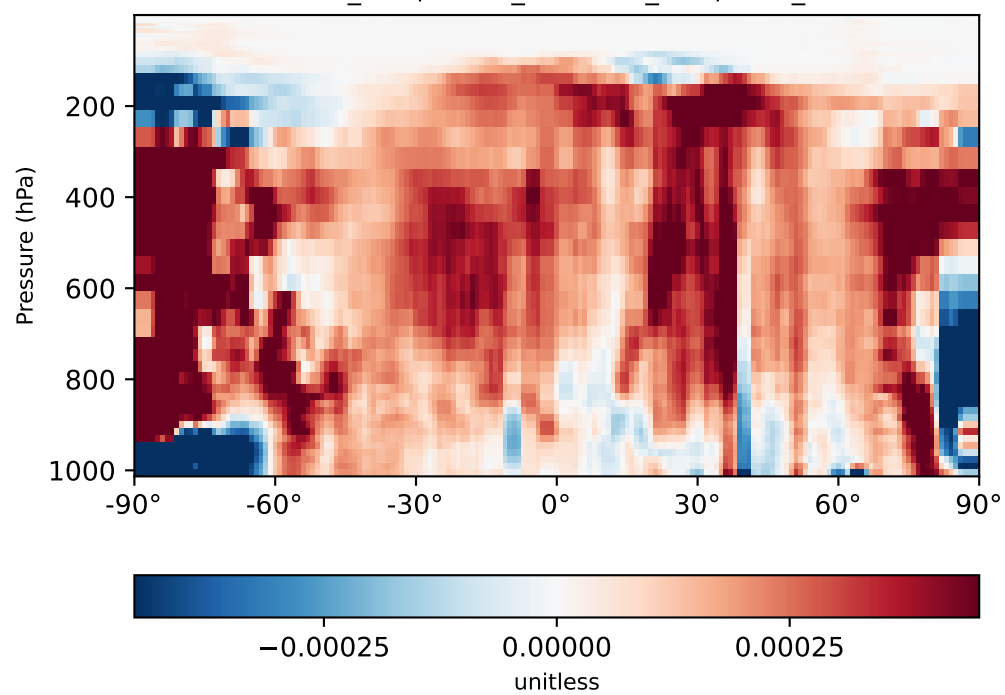
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

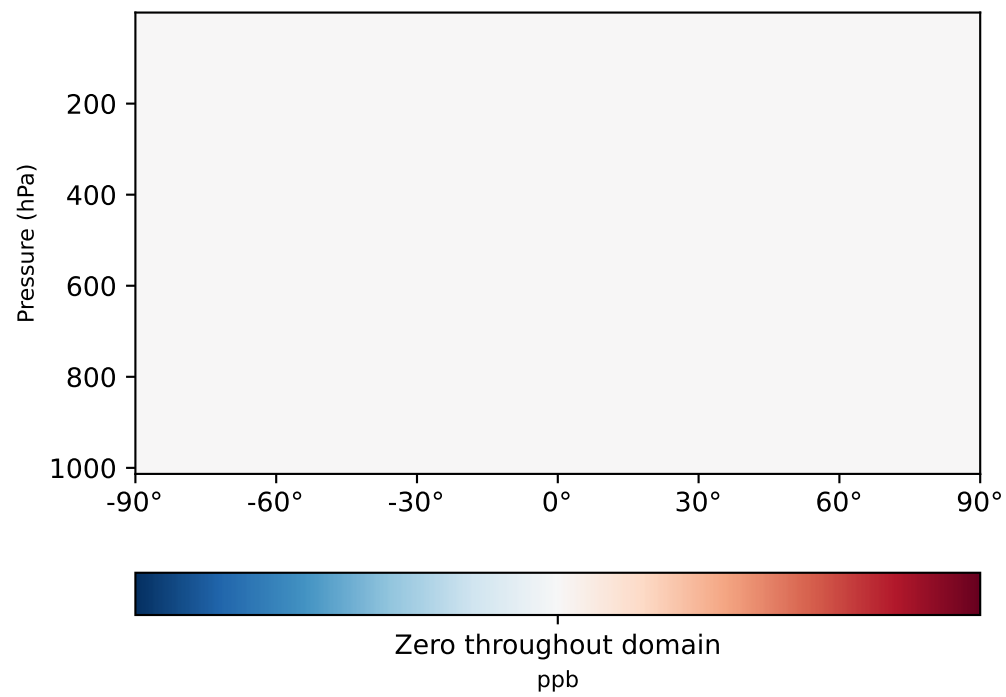


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

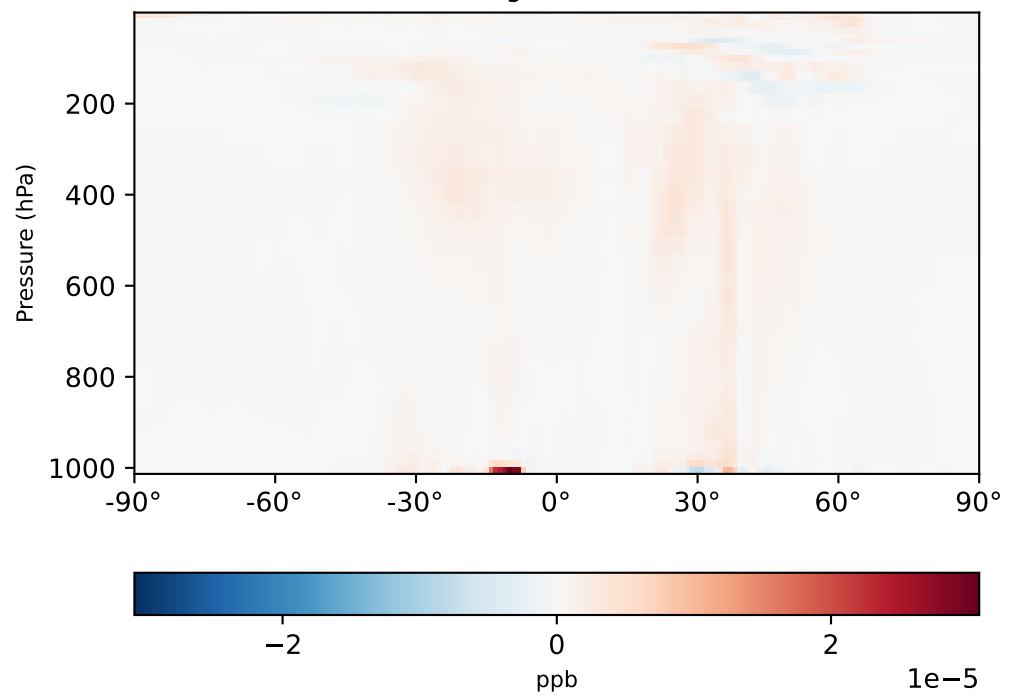


SpeciesConcVV_N2O5, Zonal Mean

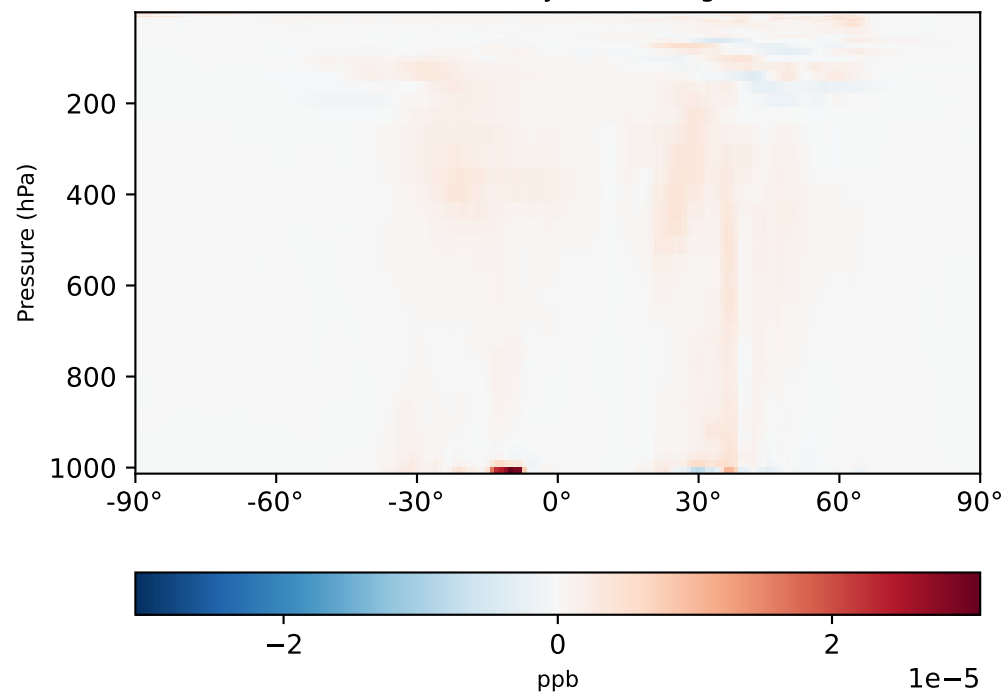
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



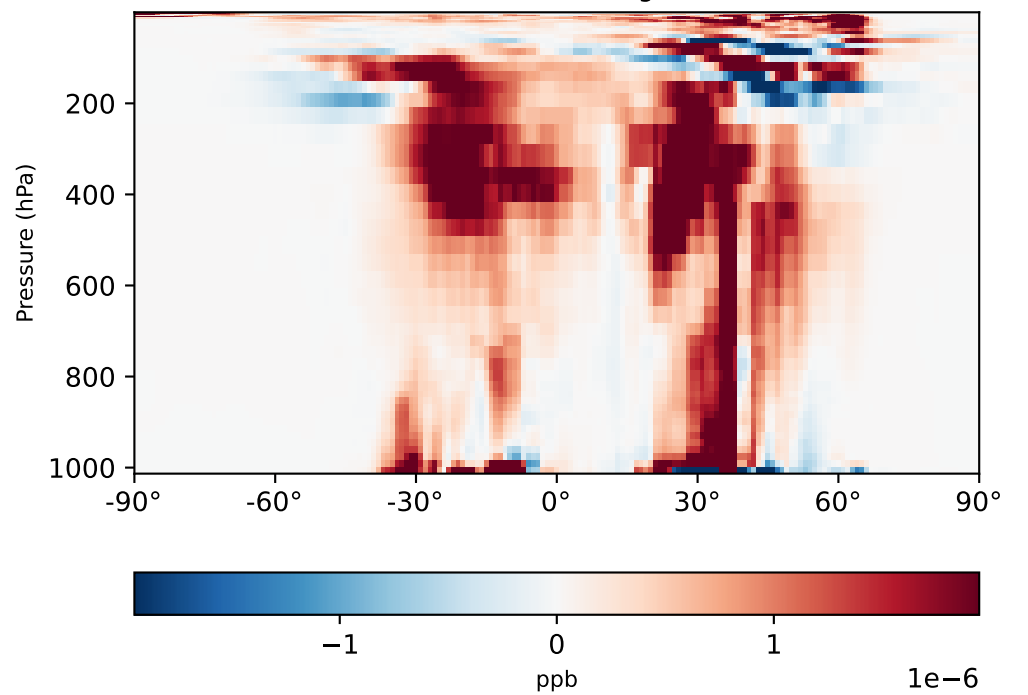
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



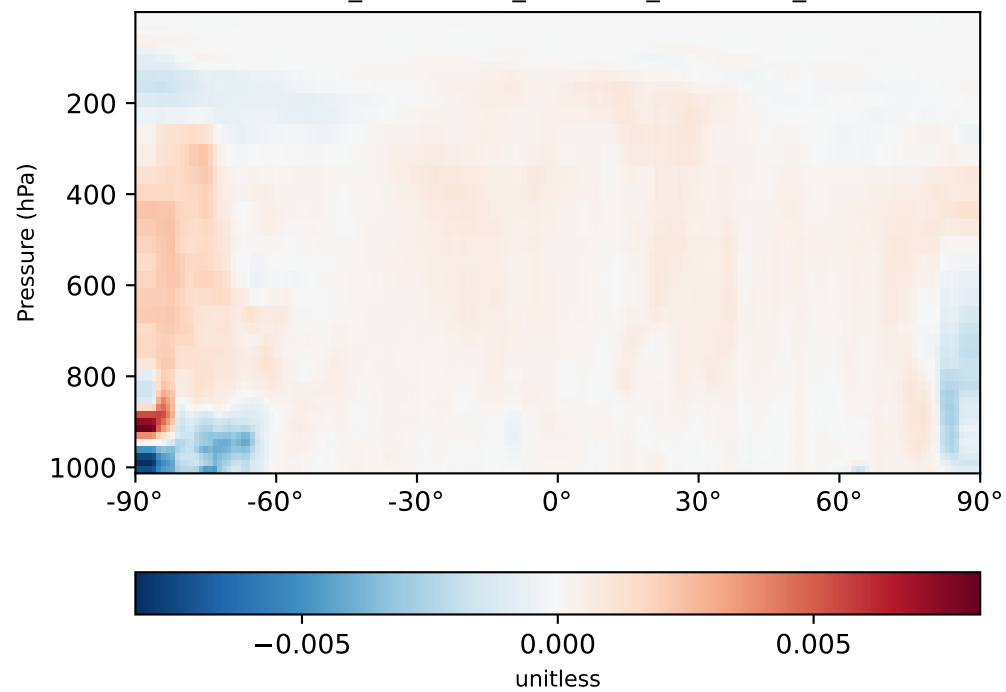
Difference (1x1.25)
Dev - Ref, Dynamic Range



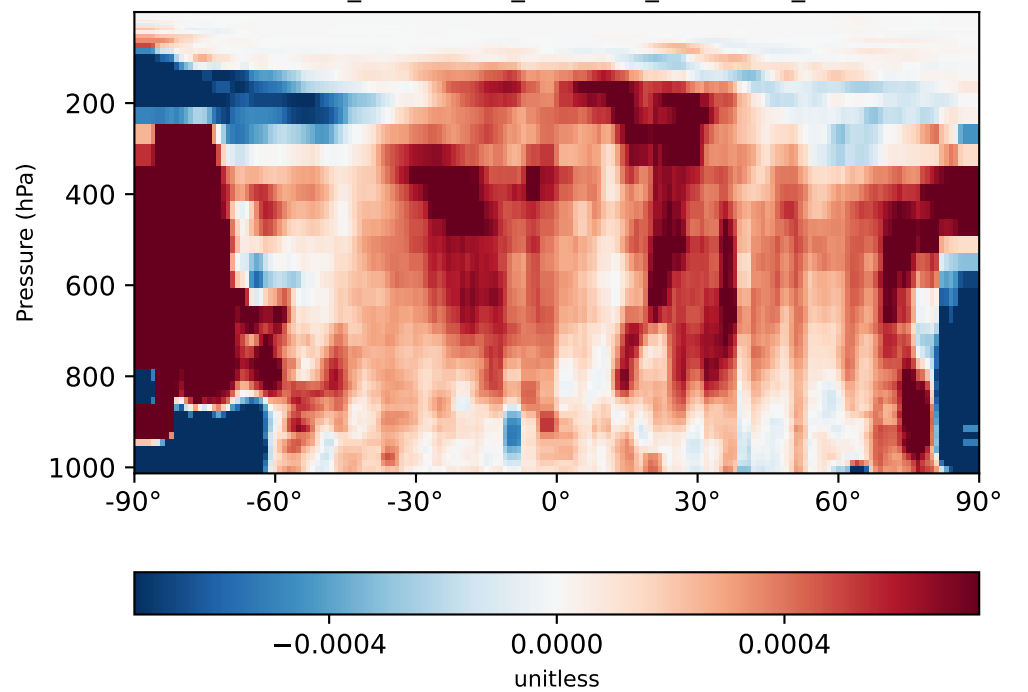
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

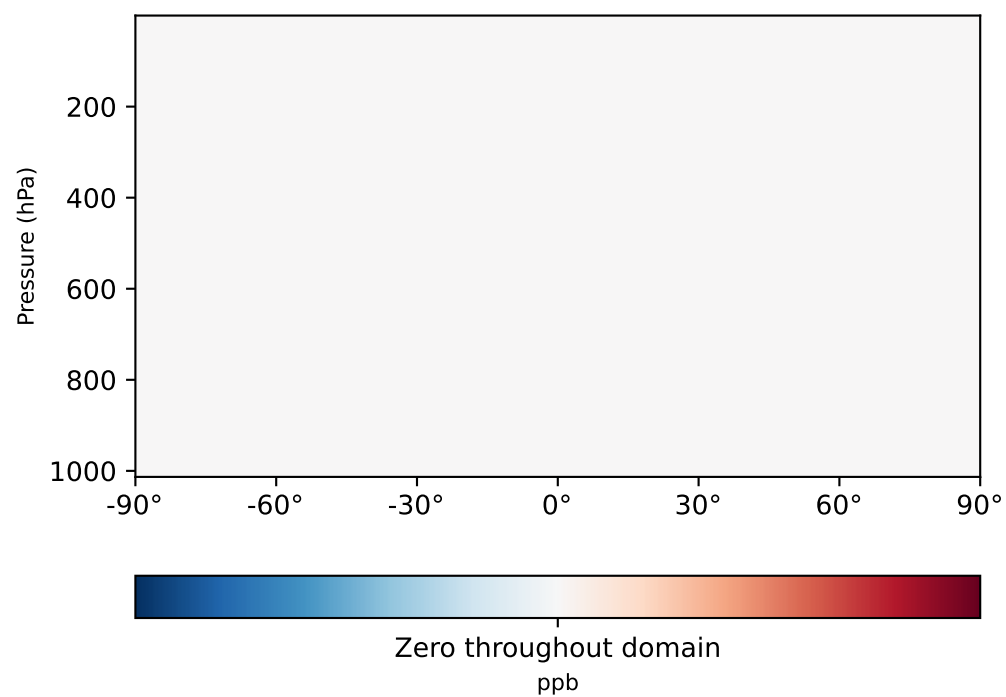


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

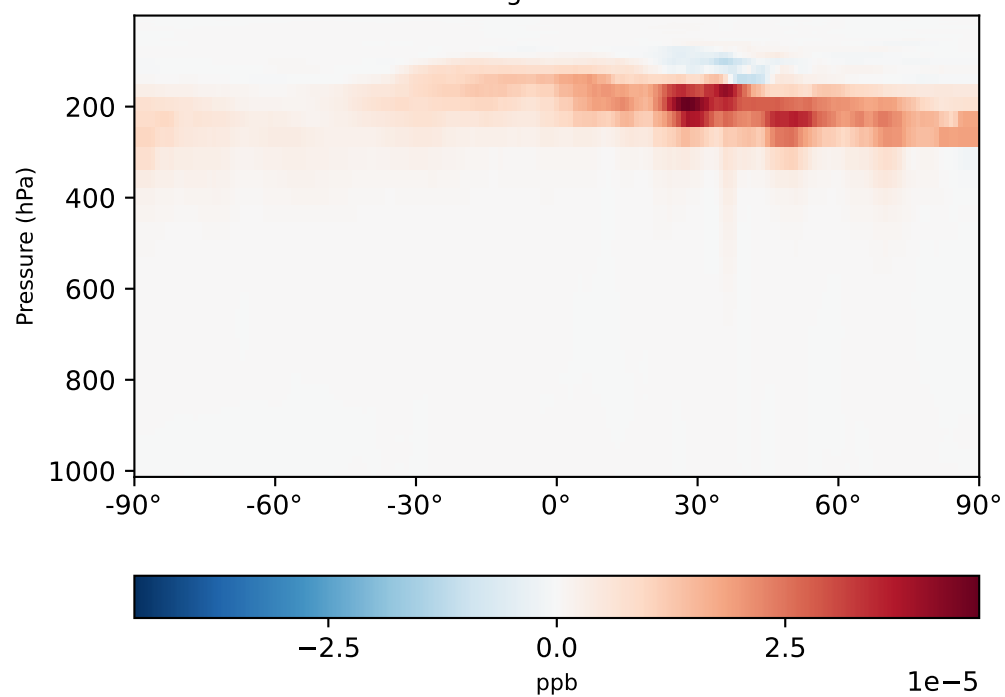


SpeciesConcVV_MPN, Zonal Mean

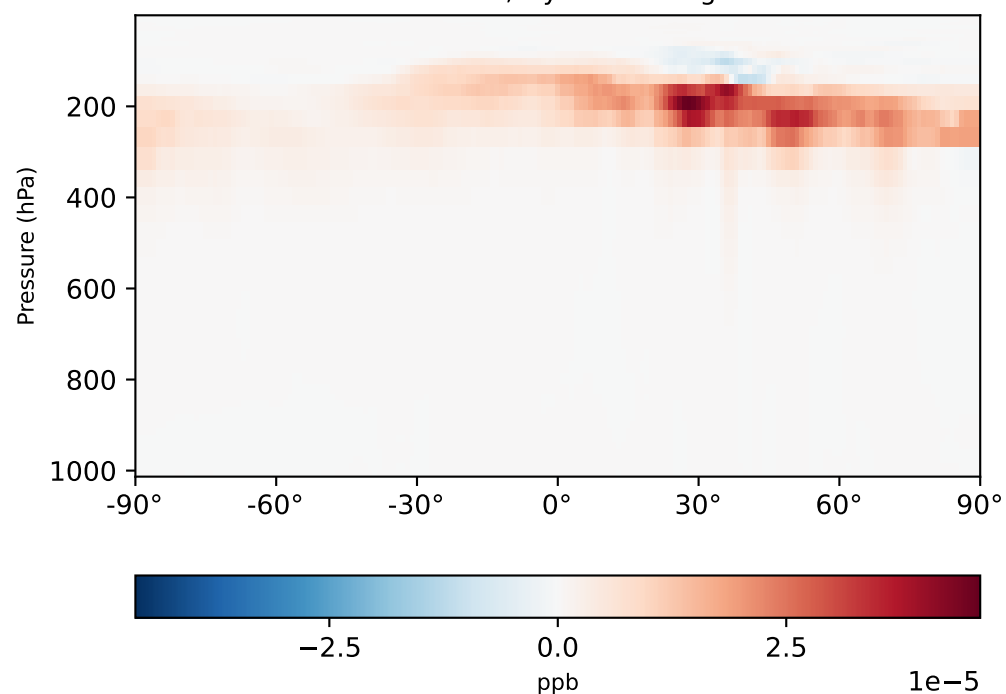
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



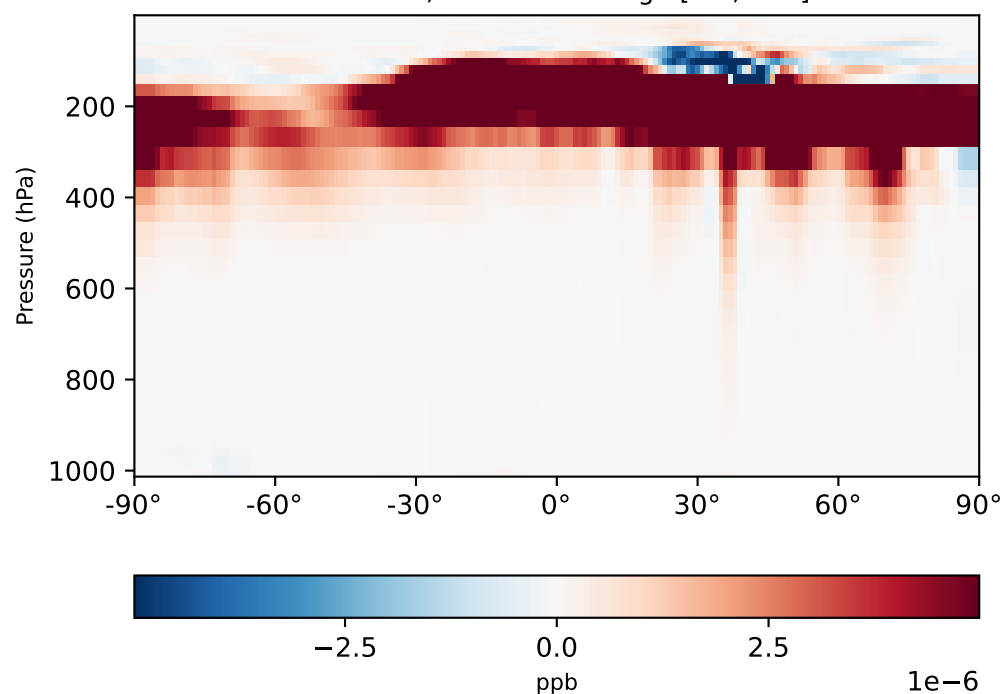
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



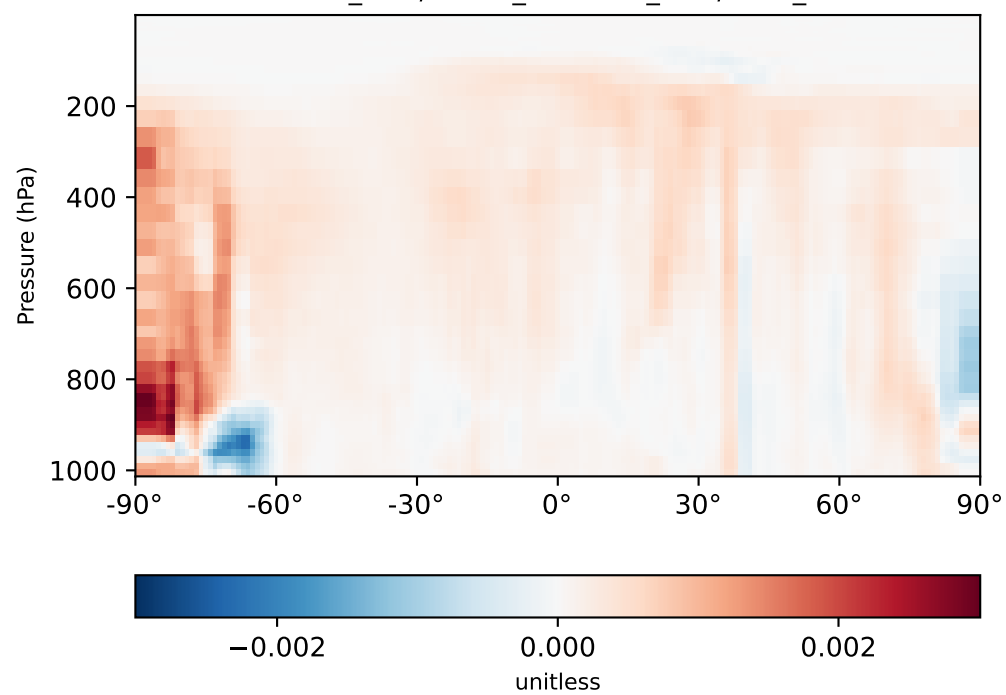
Difference (1x1.25)
Dev - Ref, Dynamic Range



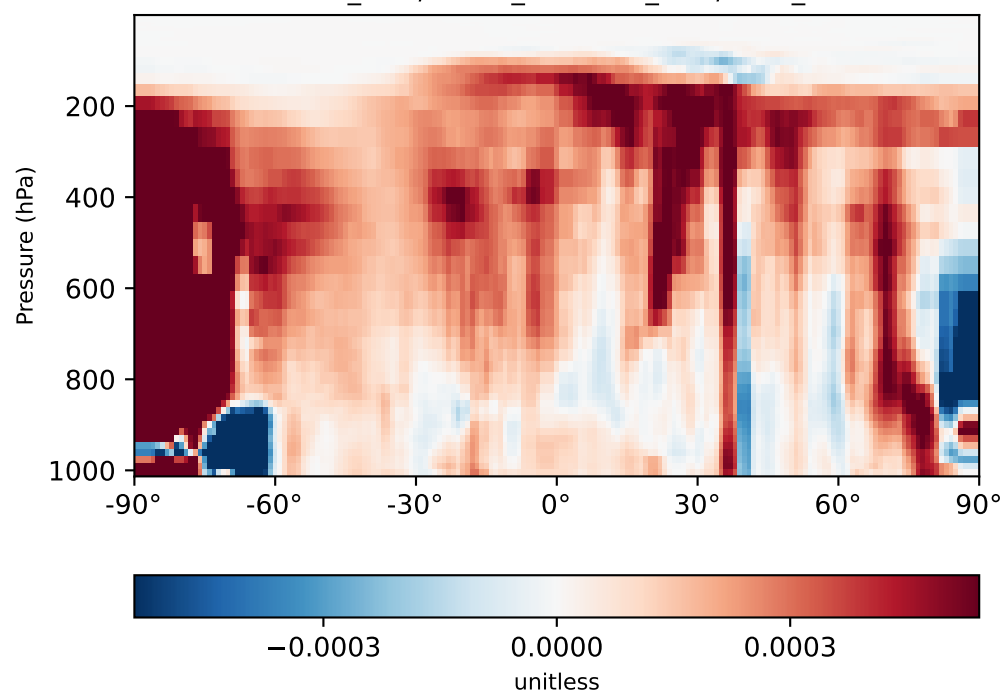
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

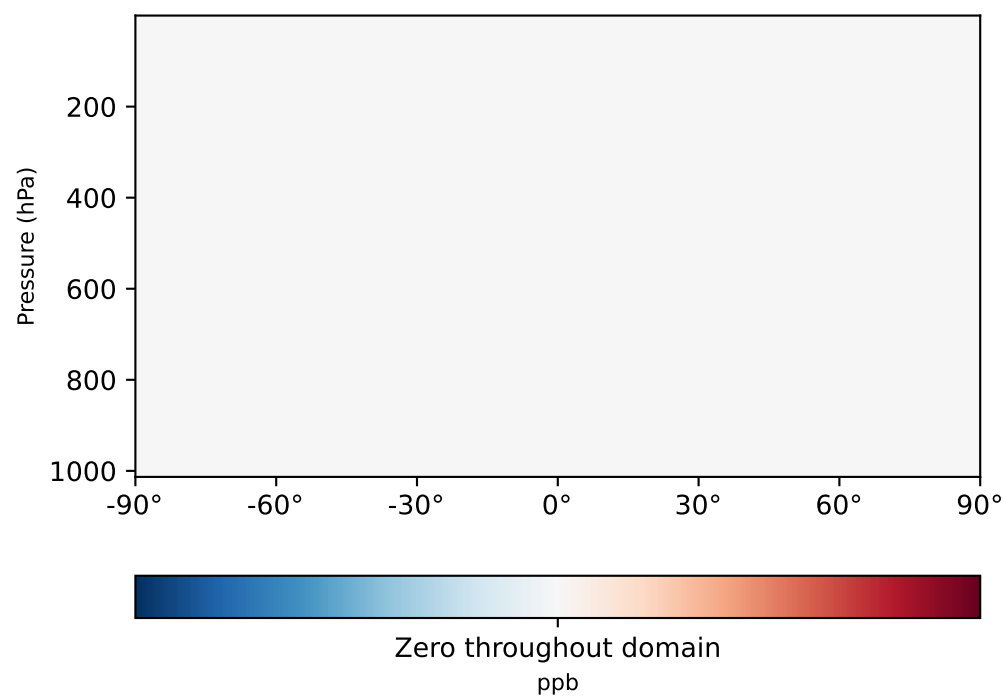


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

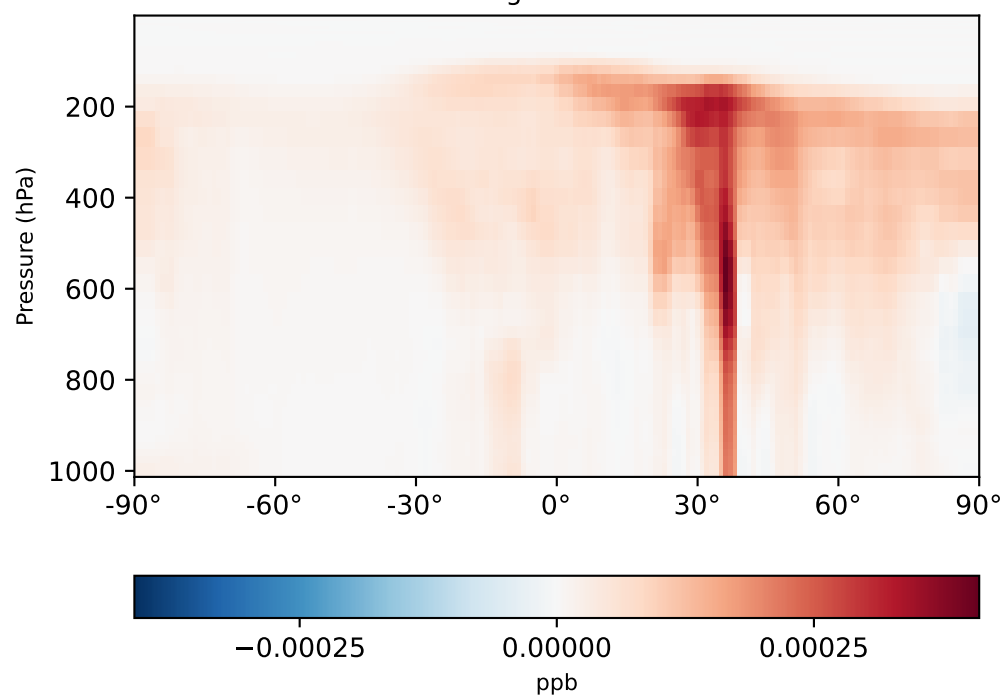


SpeciesConcVV_PAN, Zonal Mean

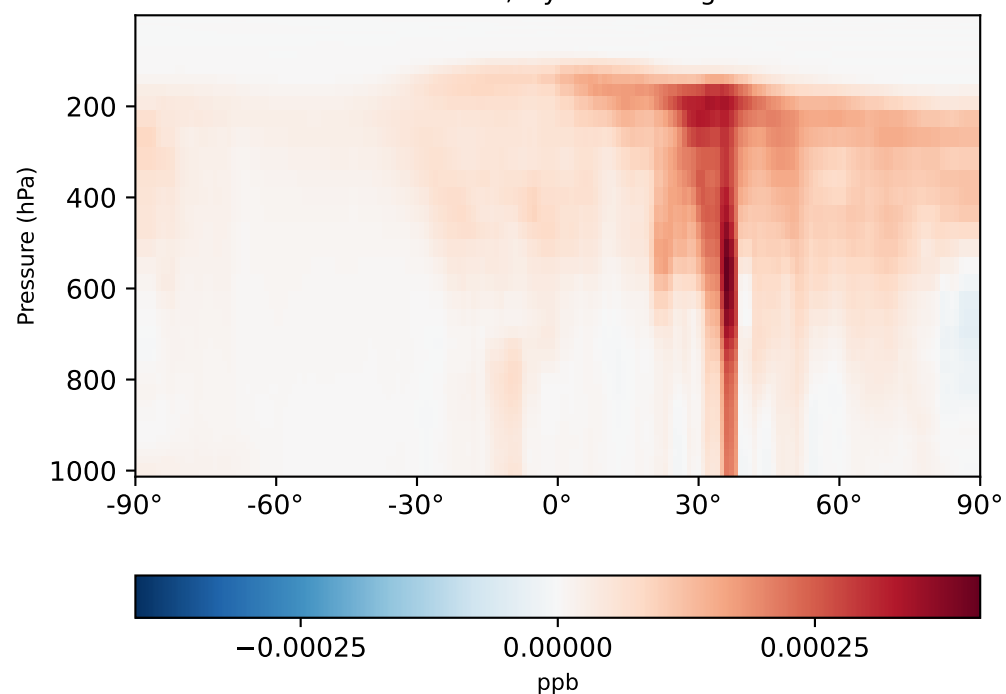
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



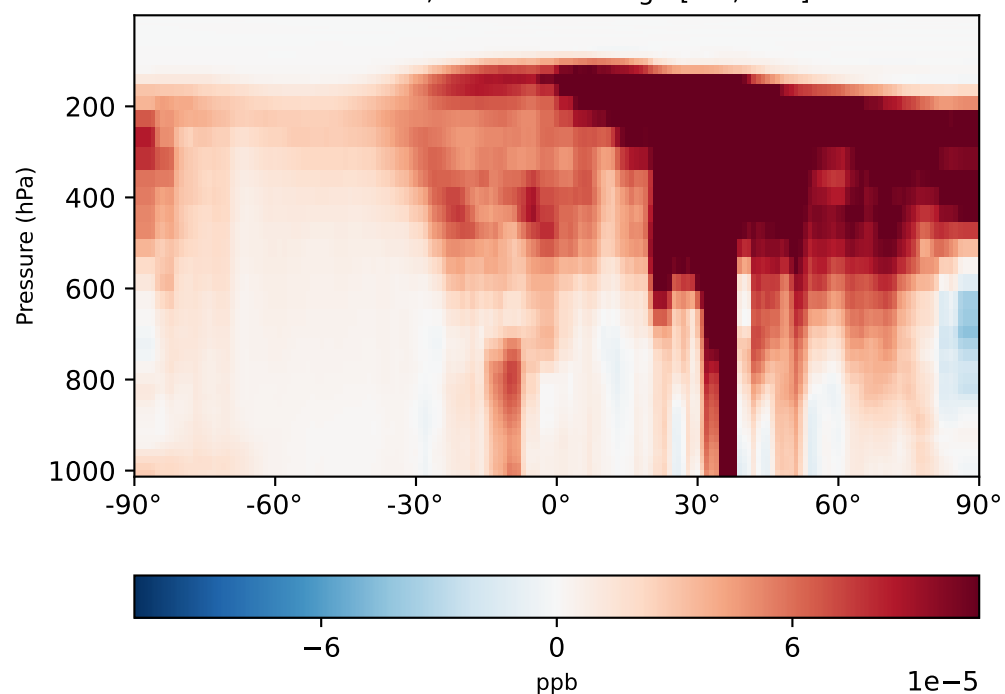
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



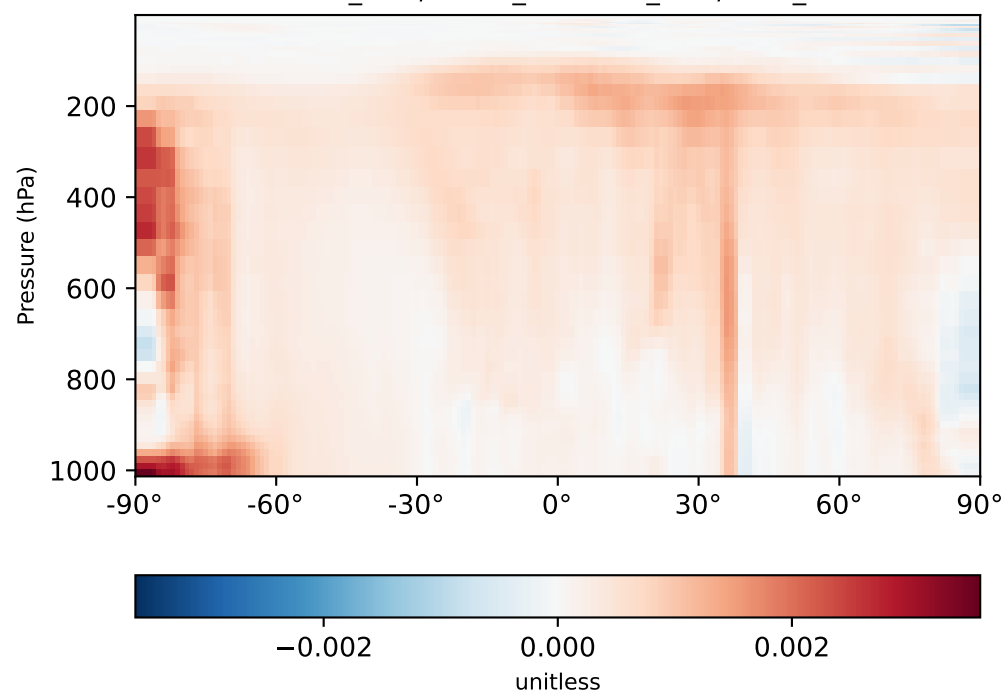
Difference (1x1.25)
Dev - Ref, Dynamic Range



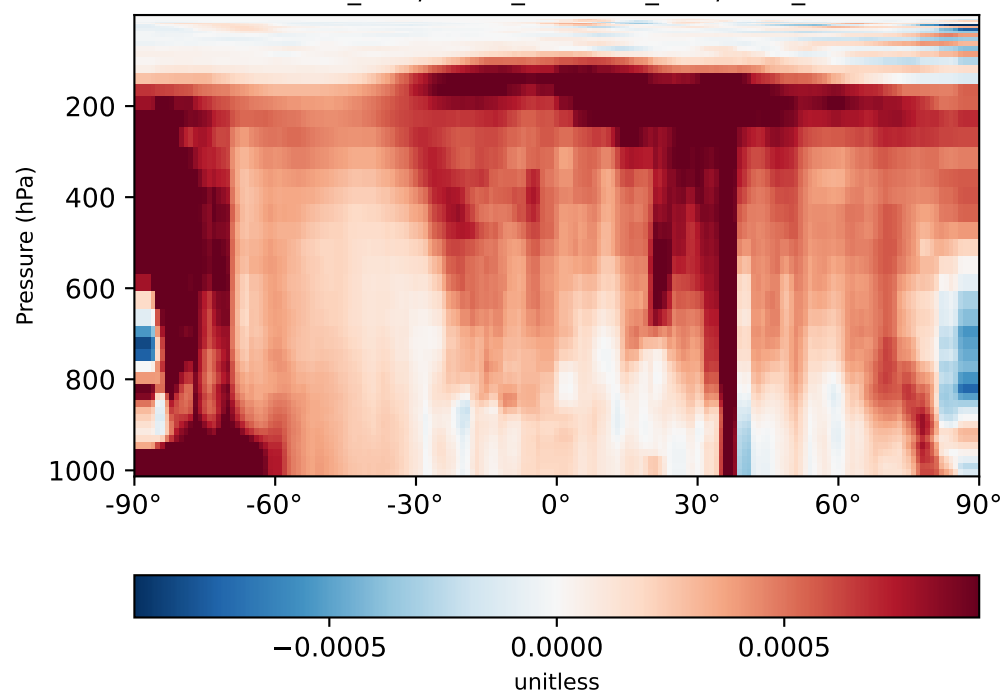
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

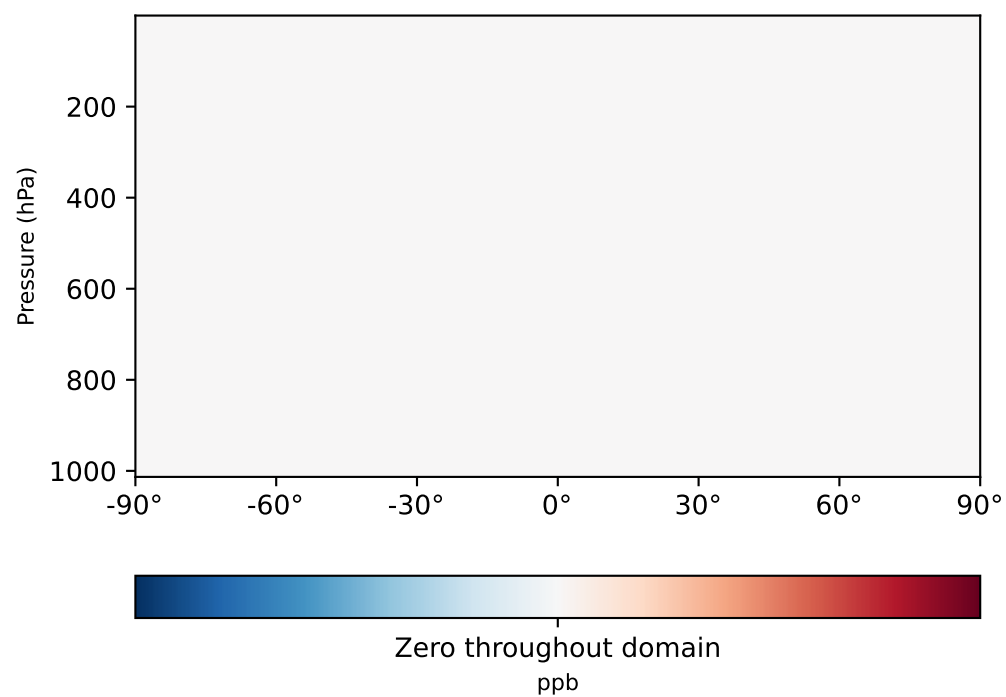


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

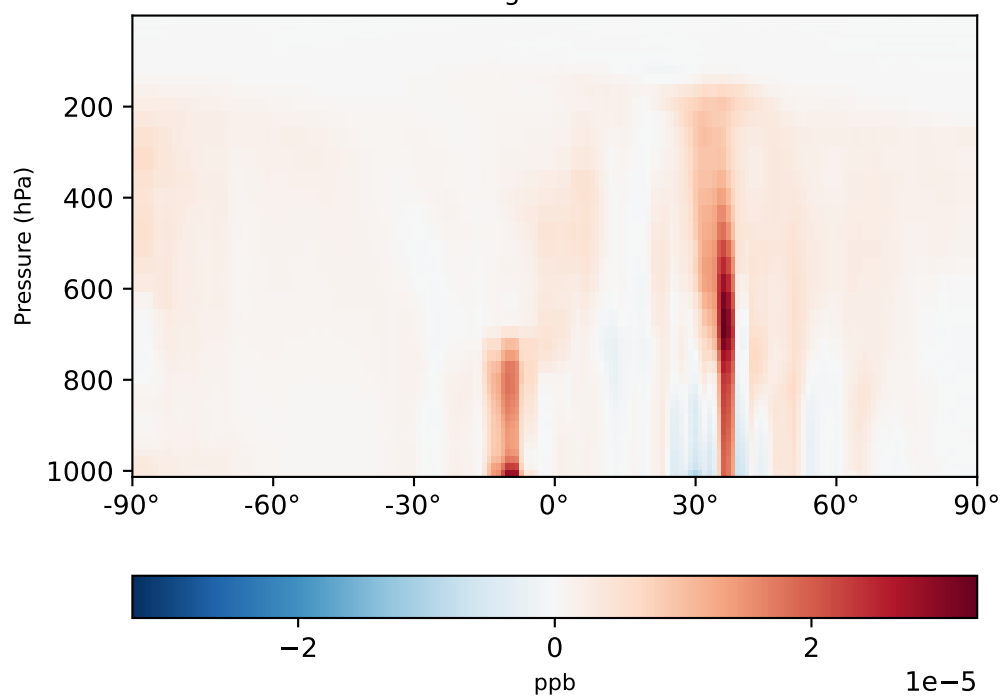


SpeciesConcVV_PPN, Zonal Mean

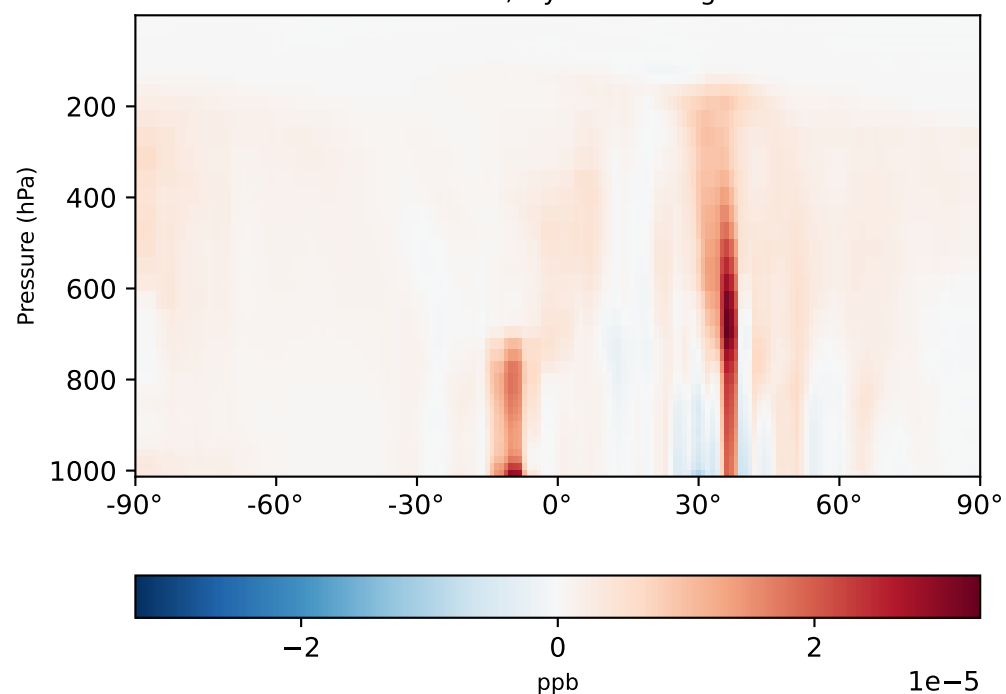
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



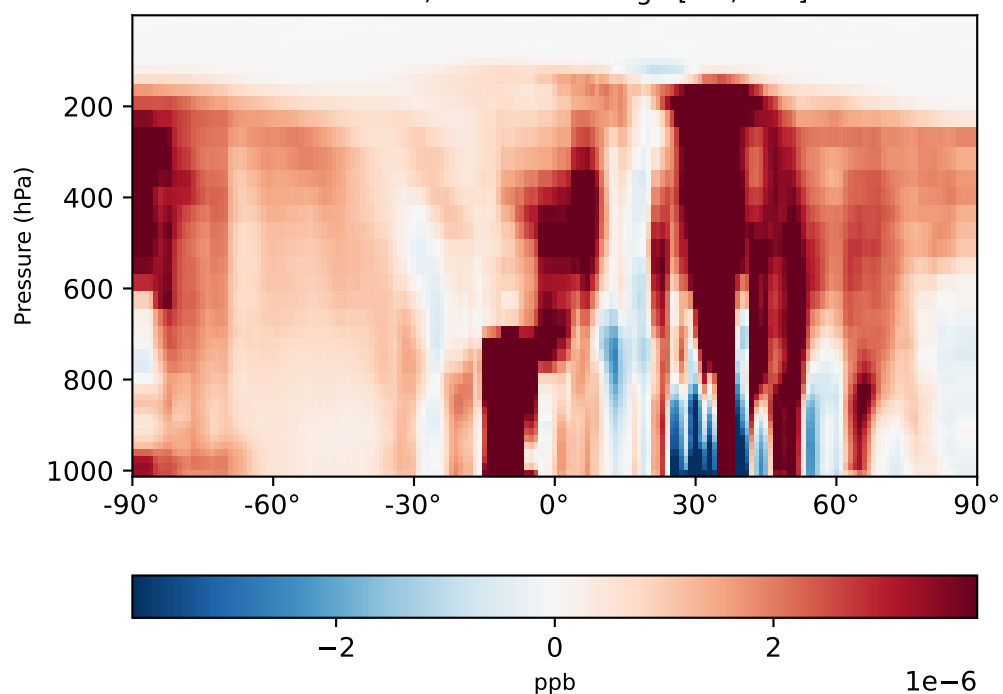
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



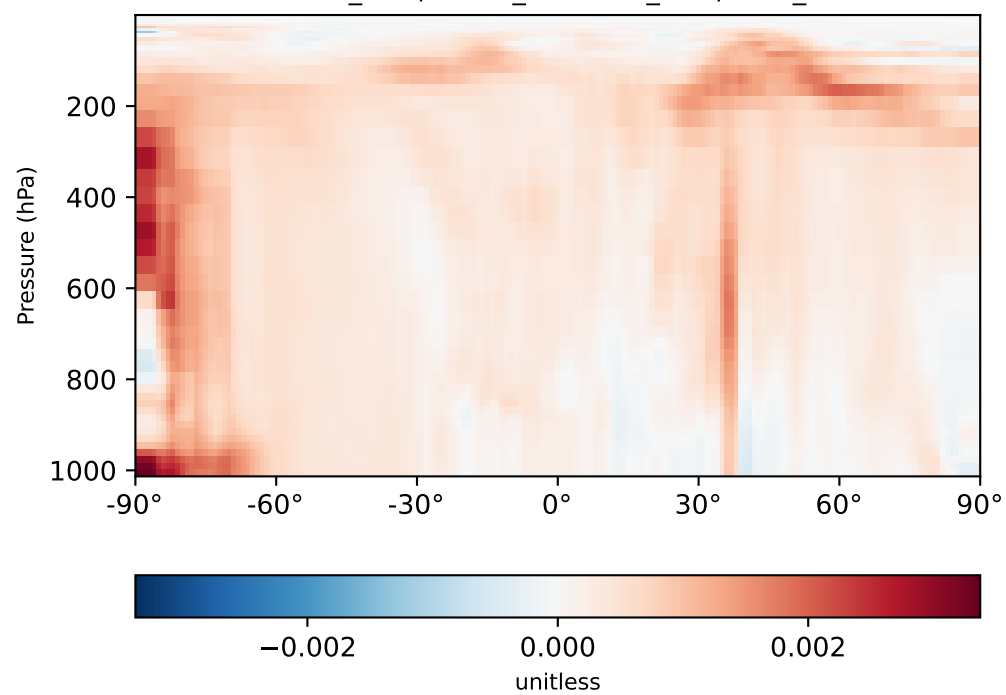
Difference (1x1.25)
Dev - Ref, Dynamic Range



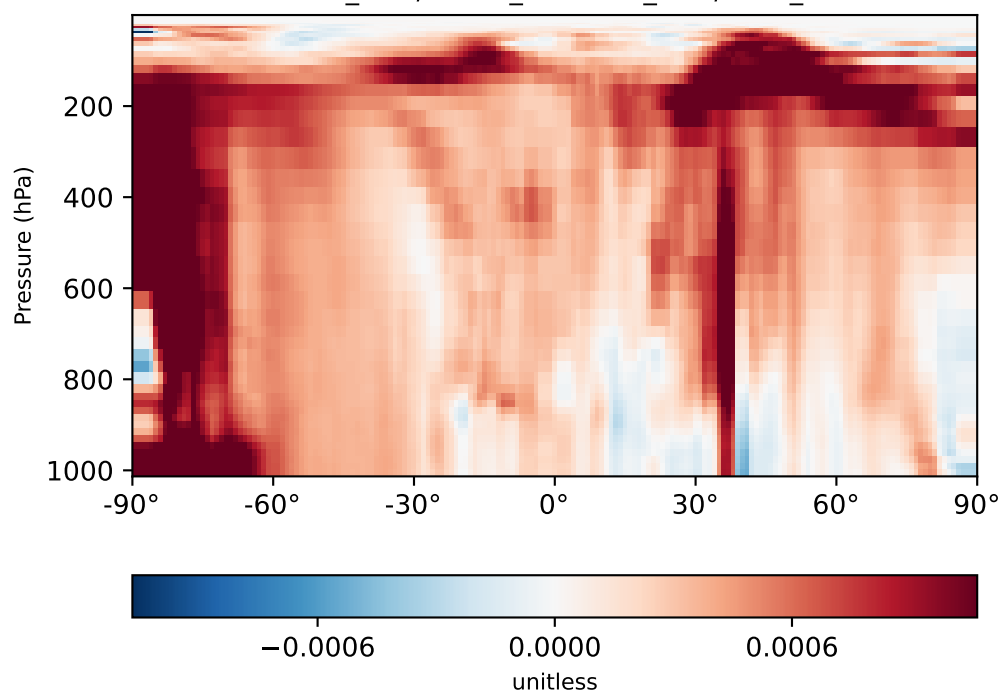
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

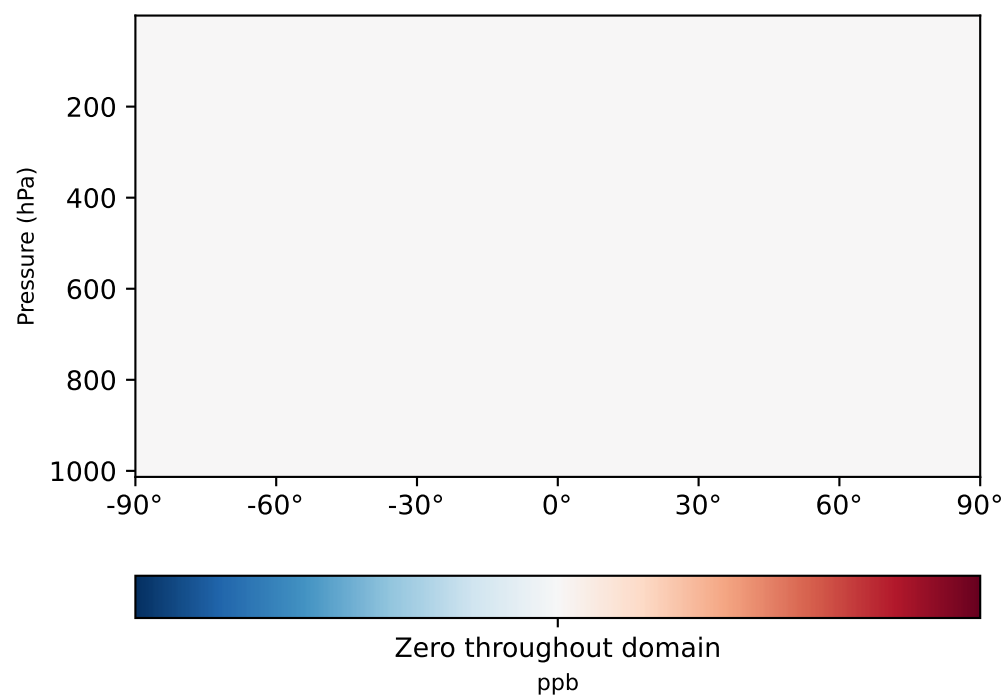


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

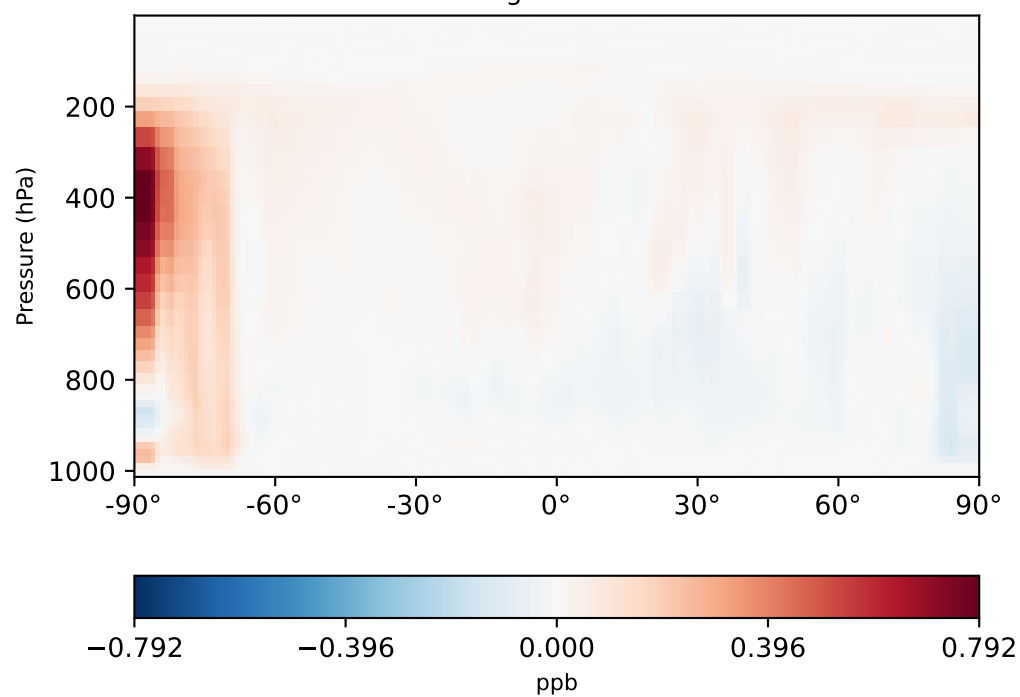


SpeciesConcVV_N2O, Zonal Mean

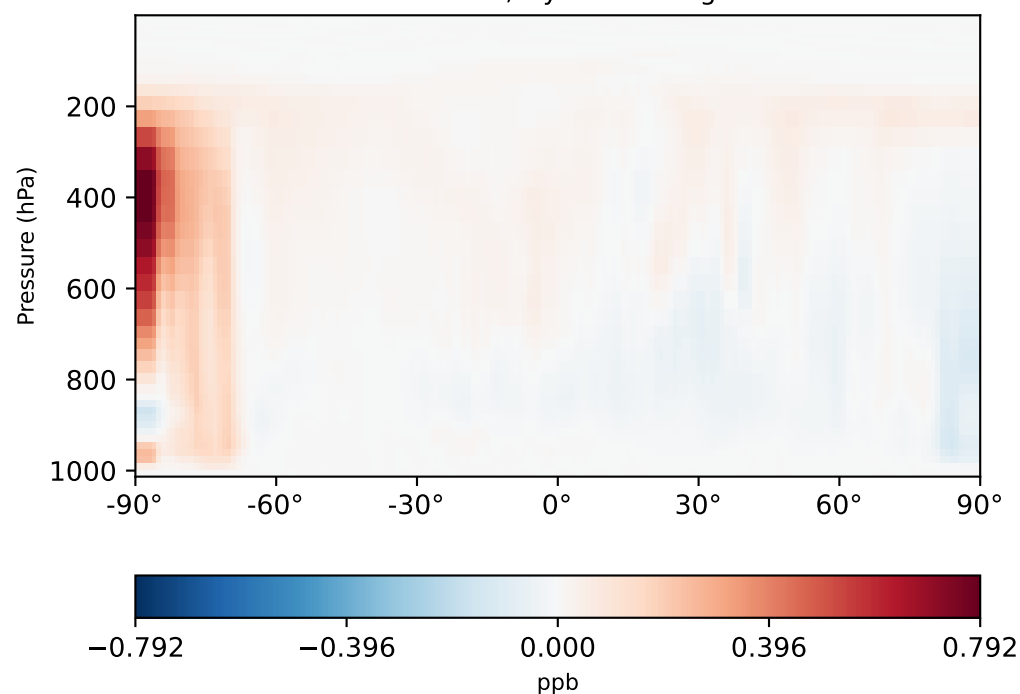
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



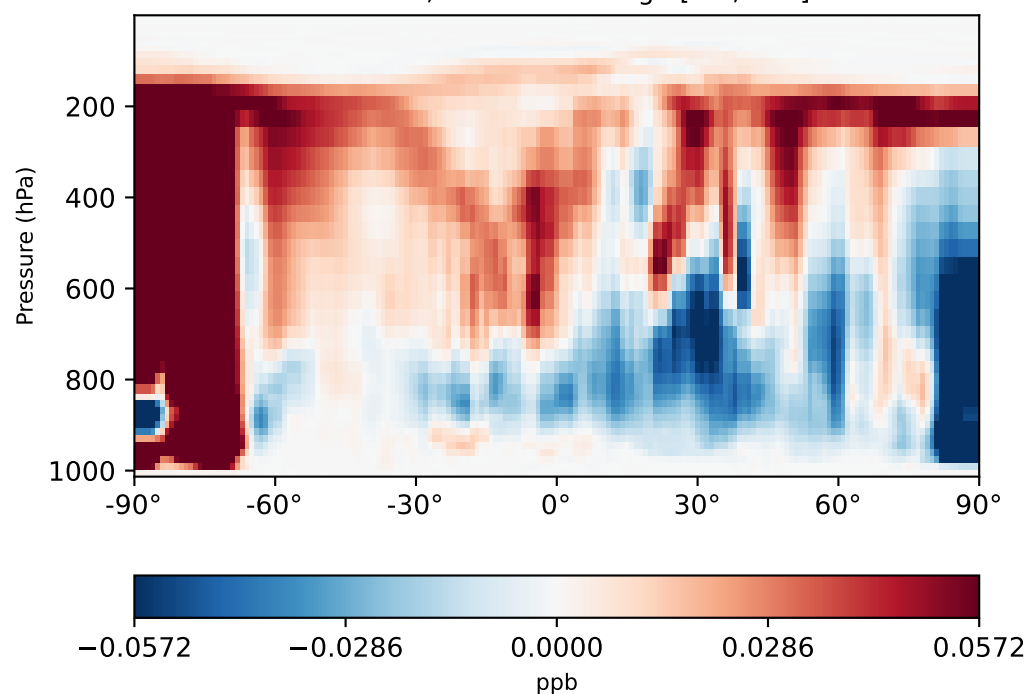
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



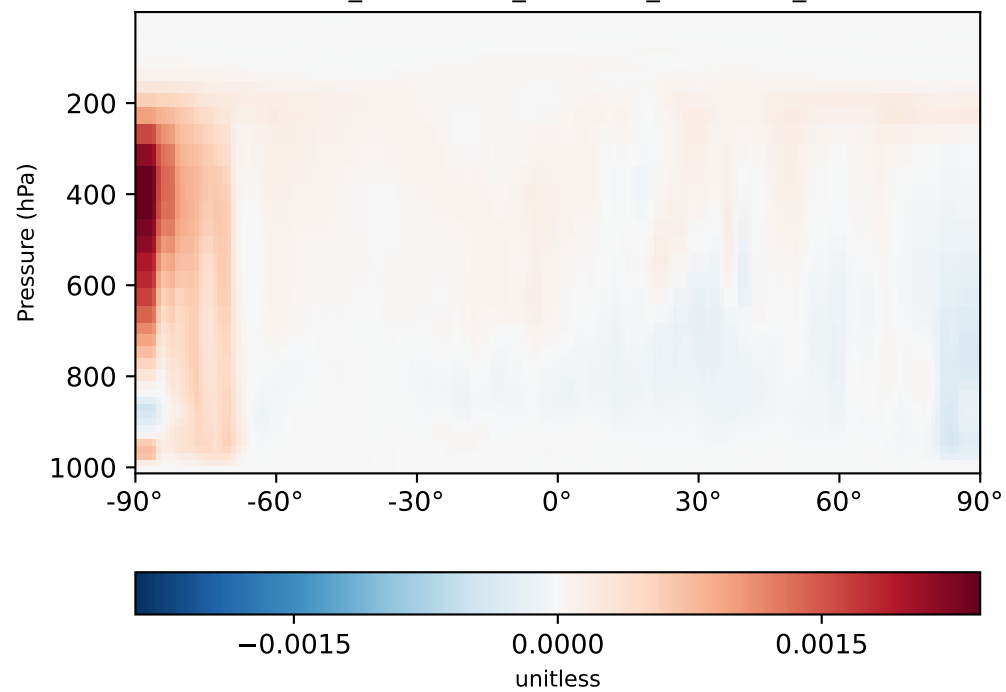
Difference (1x1.25)
Dev - Ref, Dynamic Range



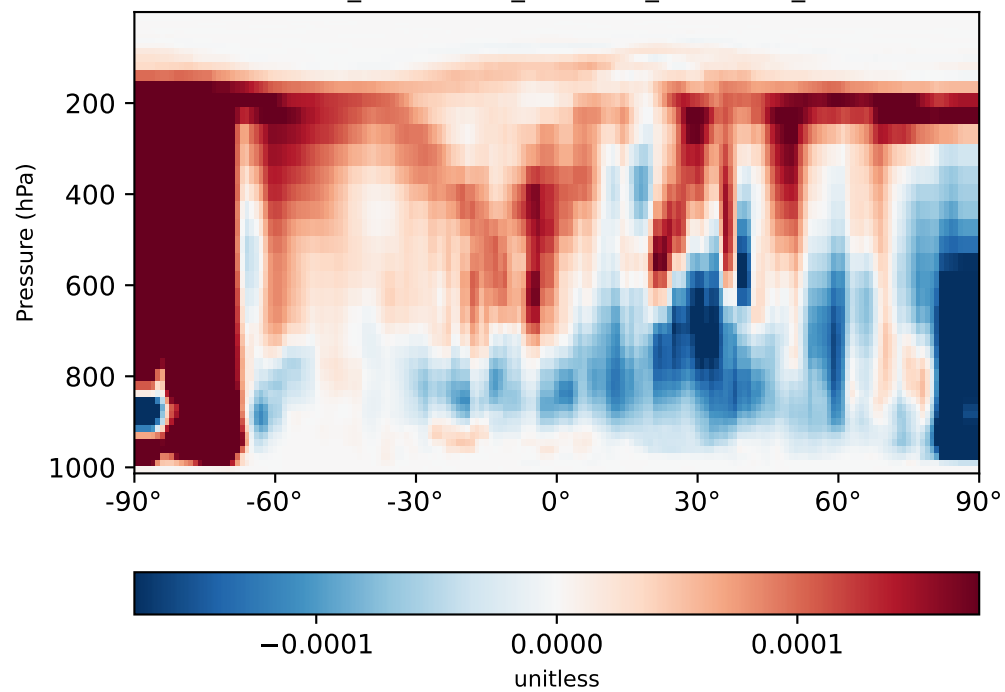
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

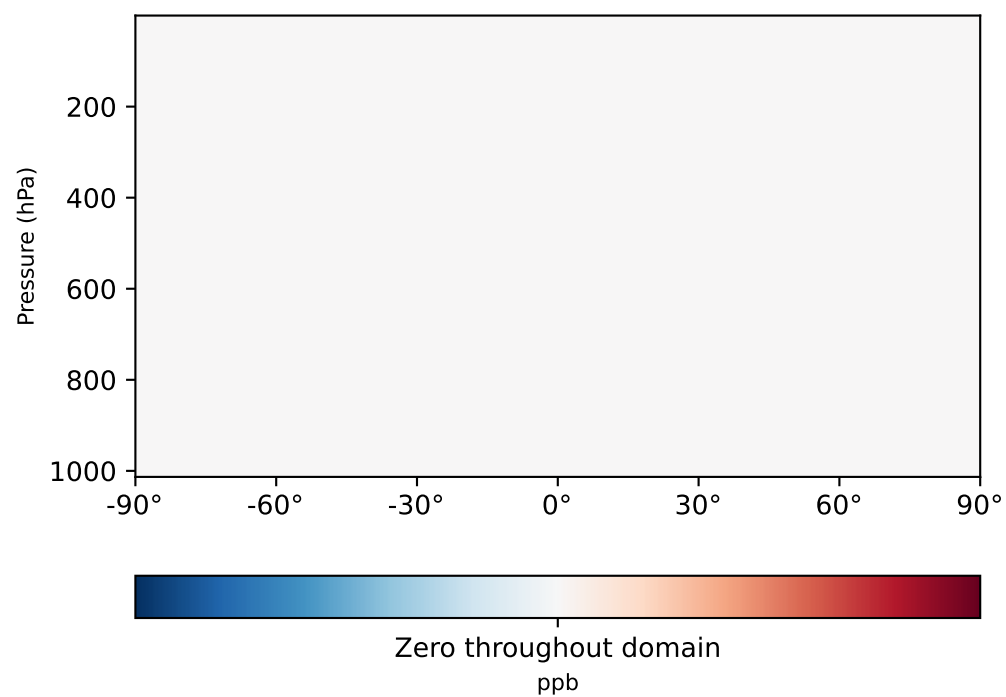


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

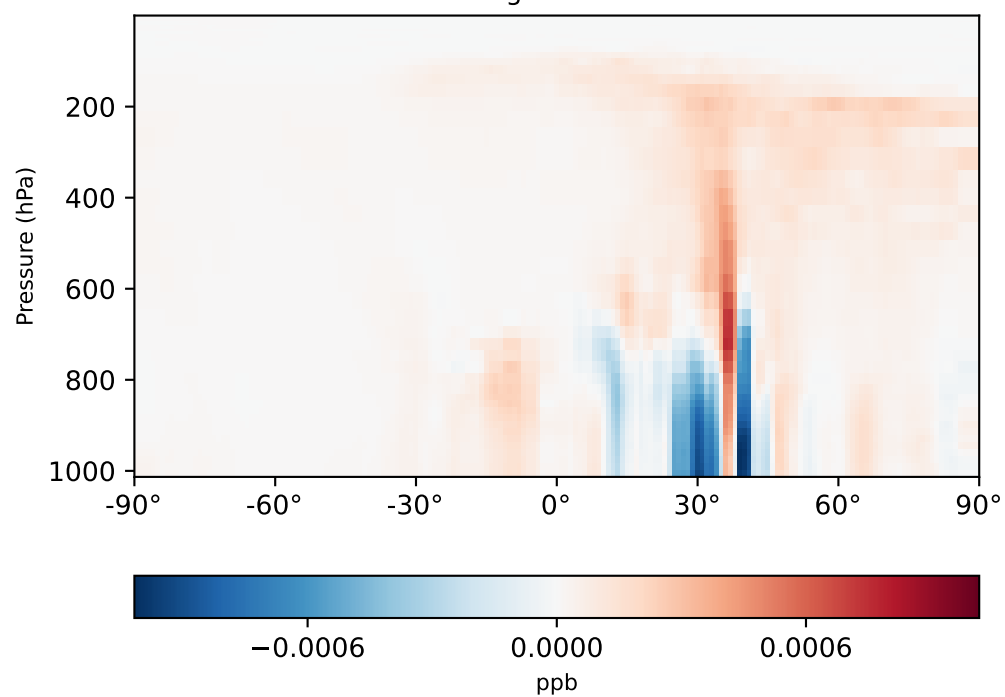


SpeciesConcVW_NHx, Zonal Mean

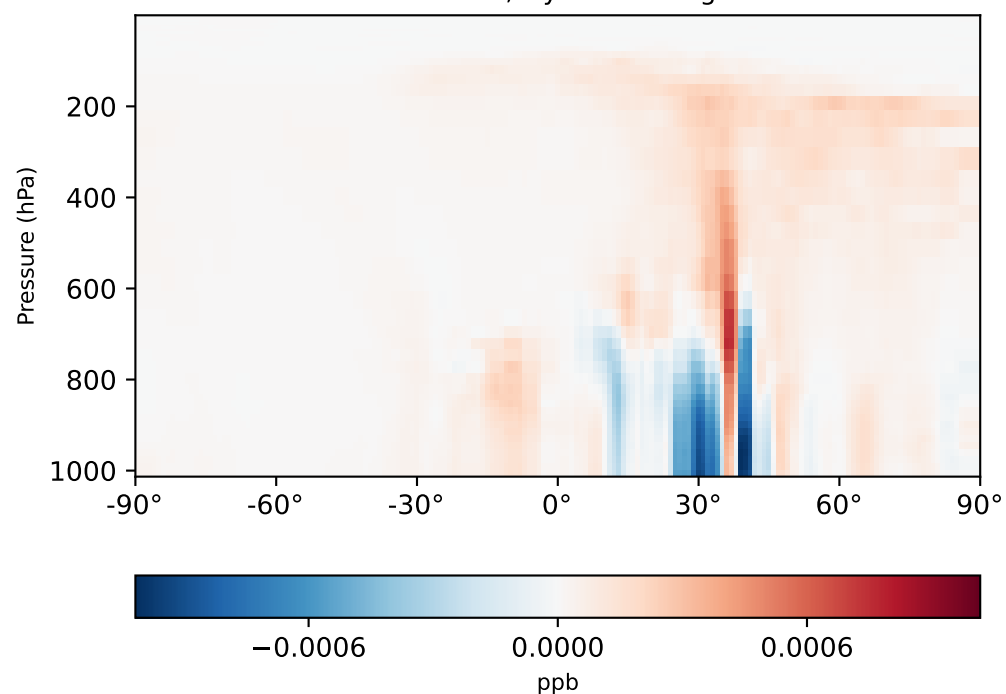
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



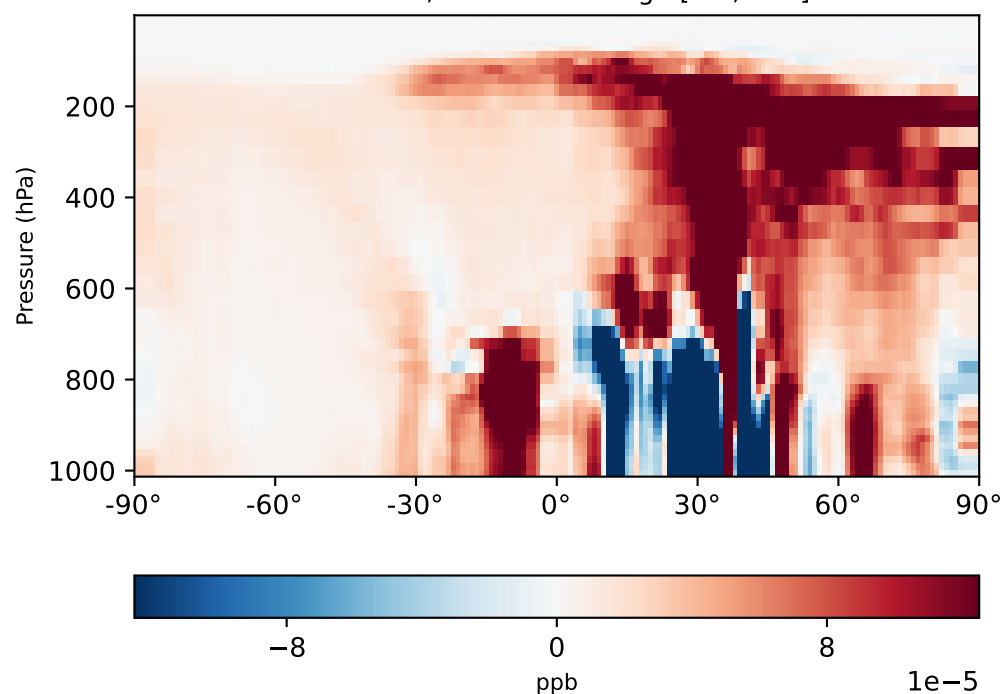
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



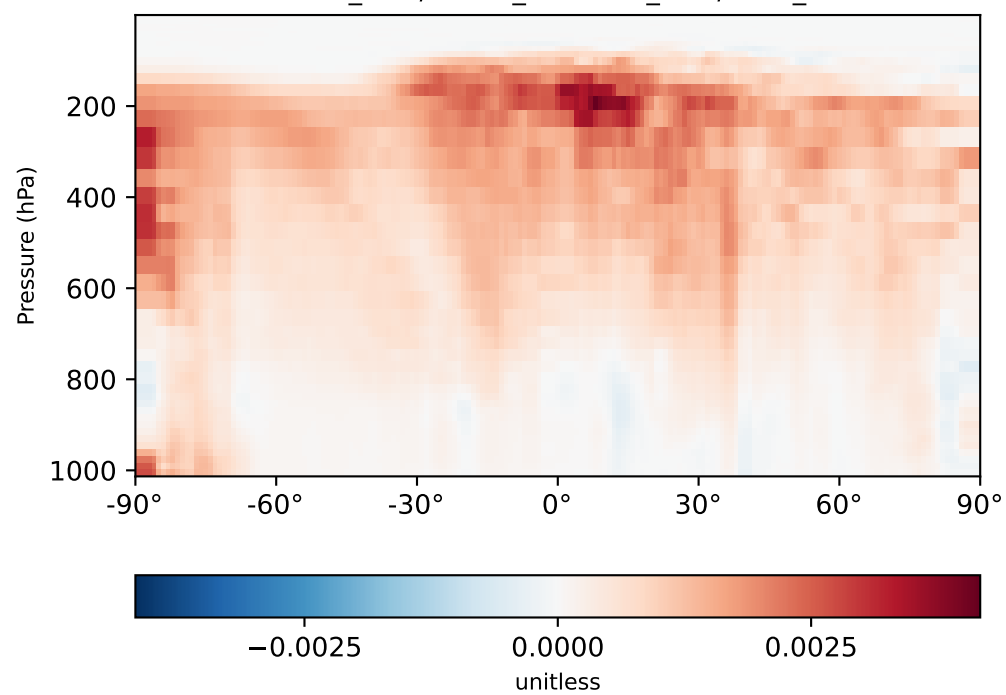
Difference (1x1.25)
Dev - Ref, Dynamic Range



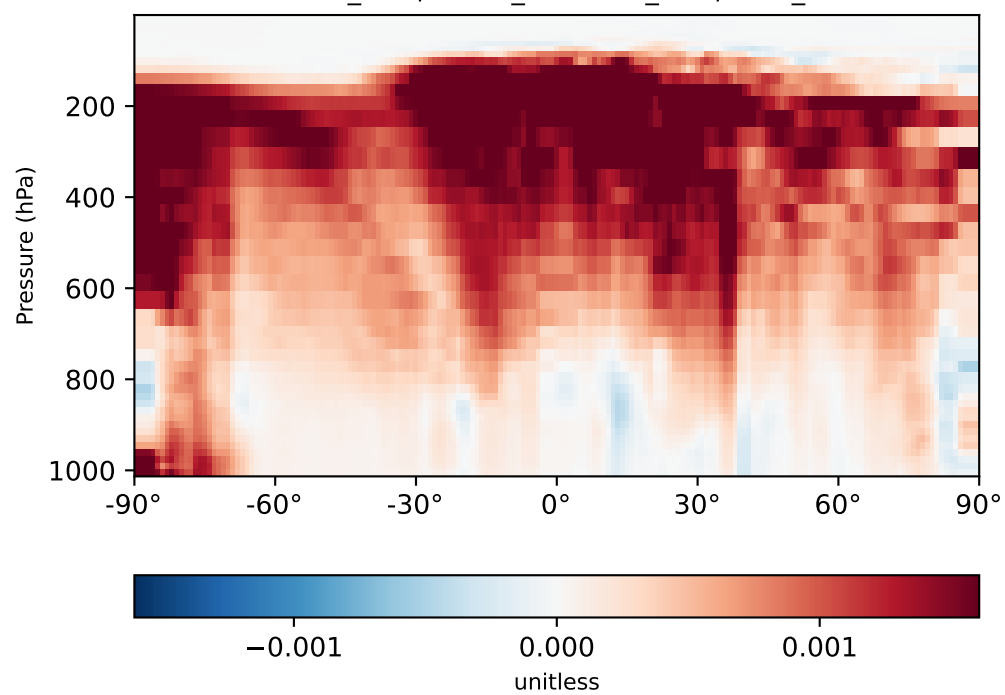
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



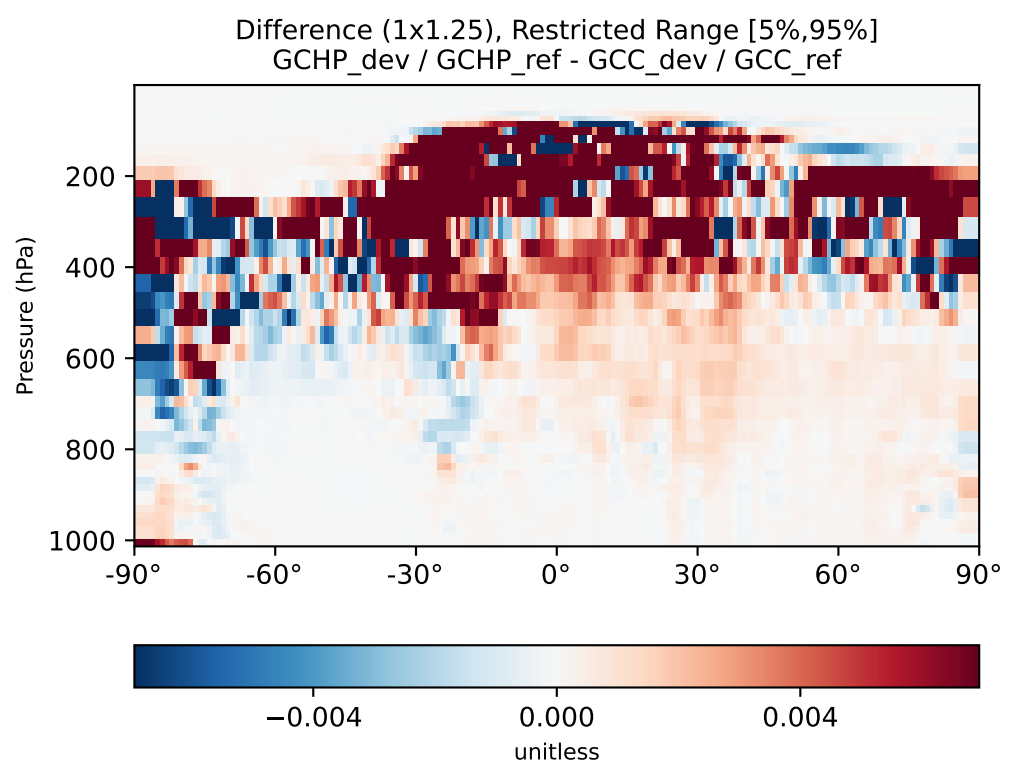
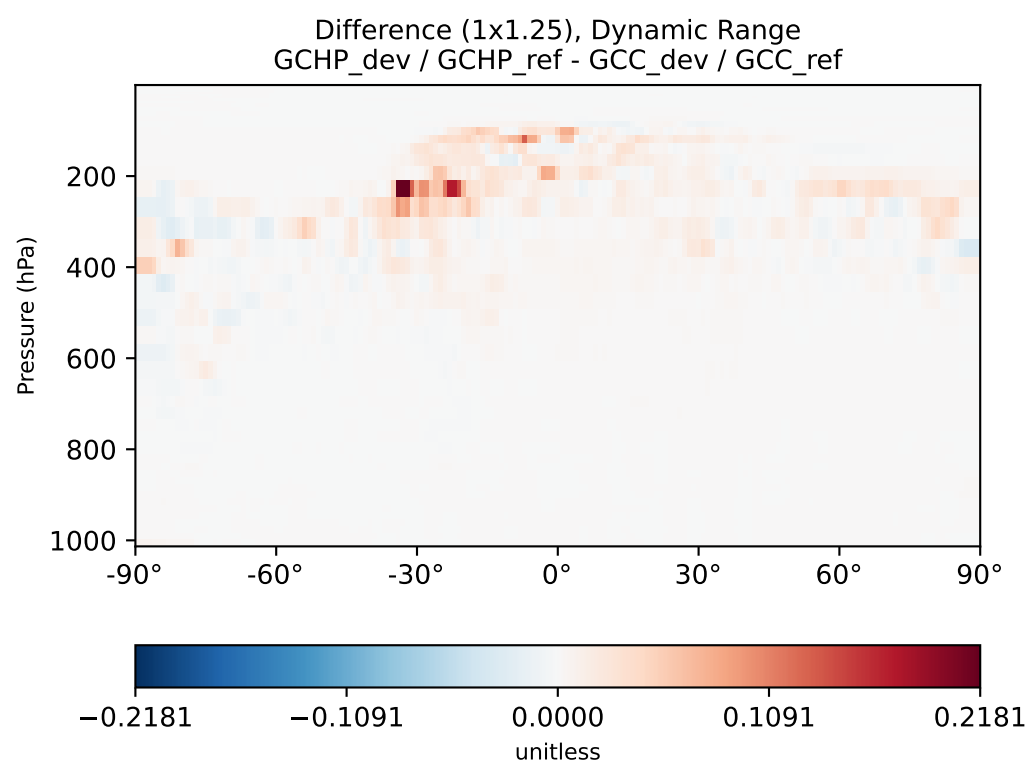
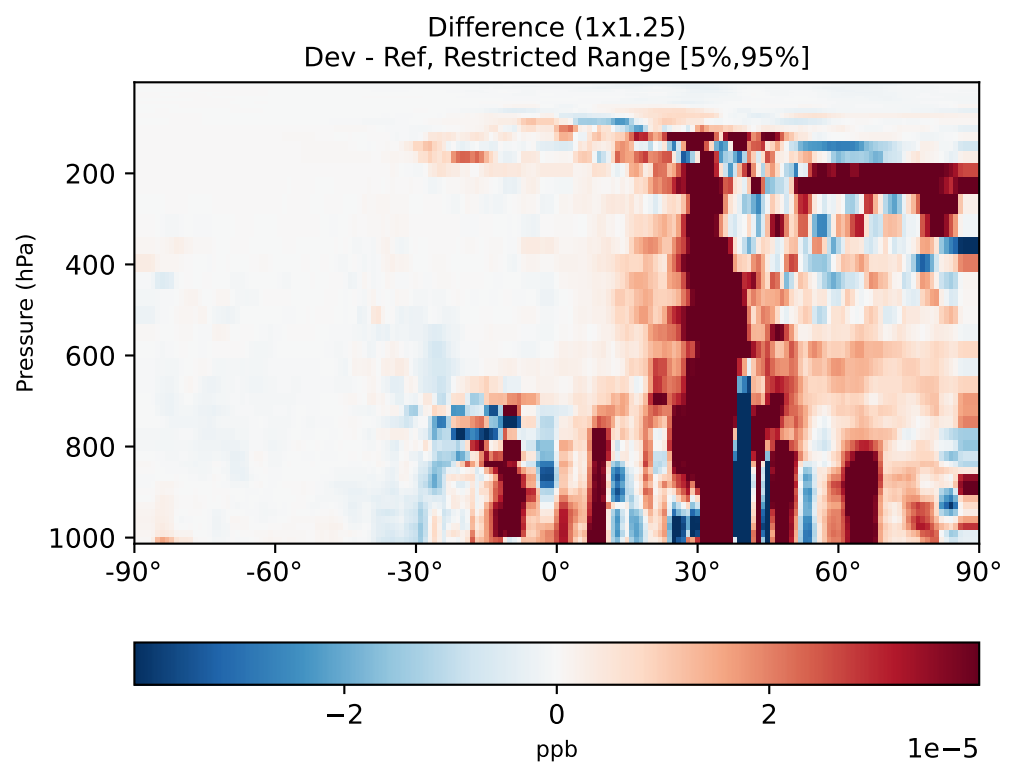
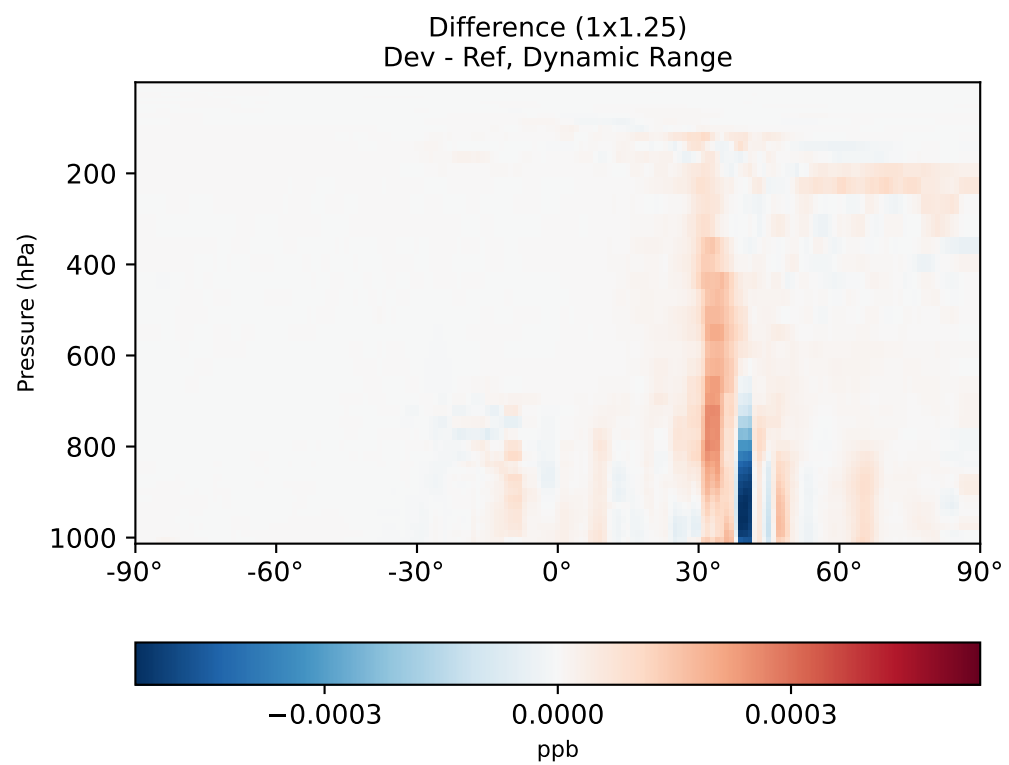
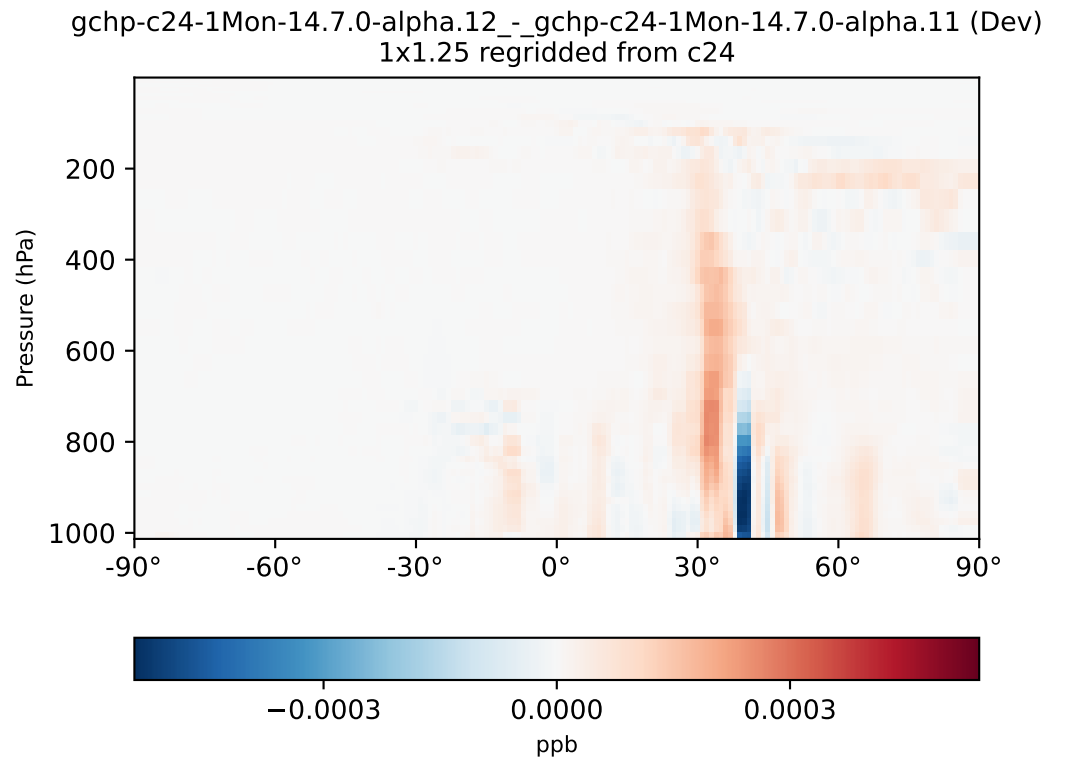
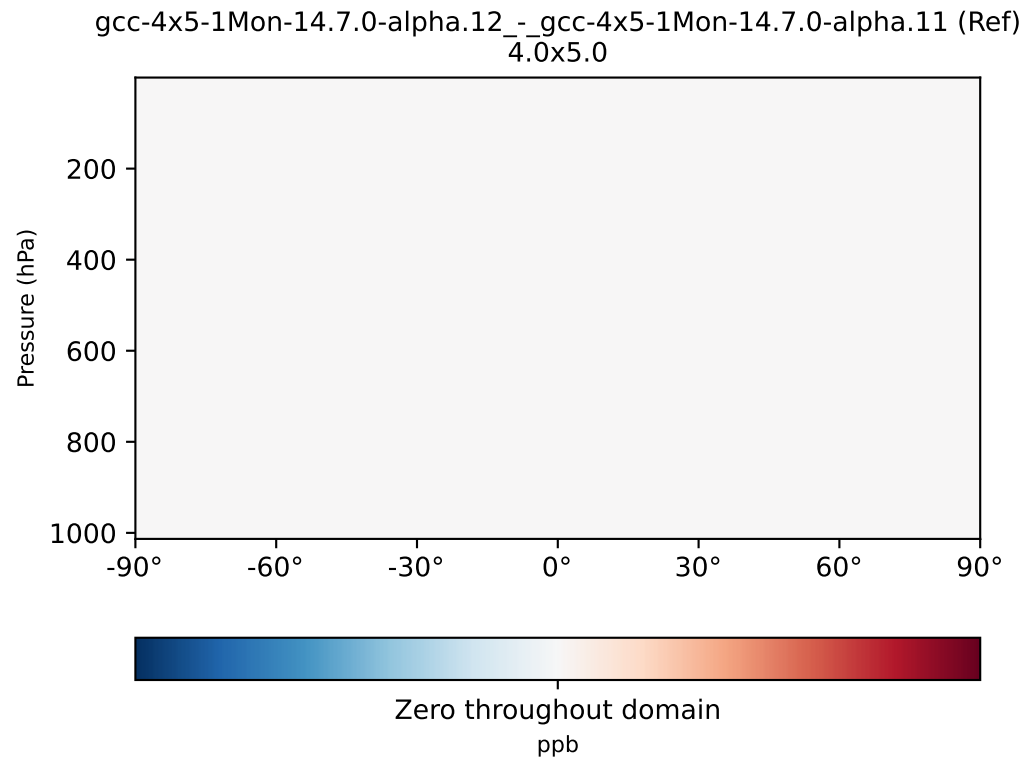
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

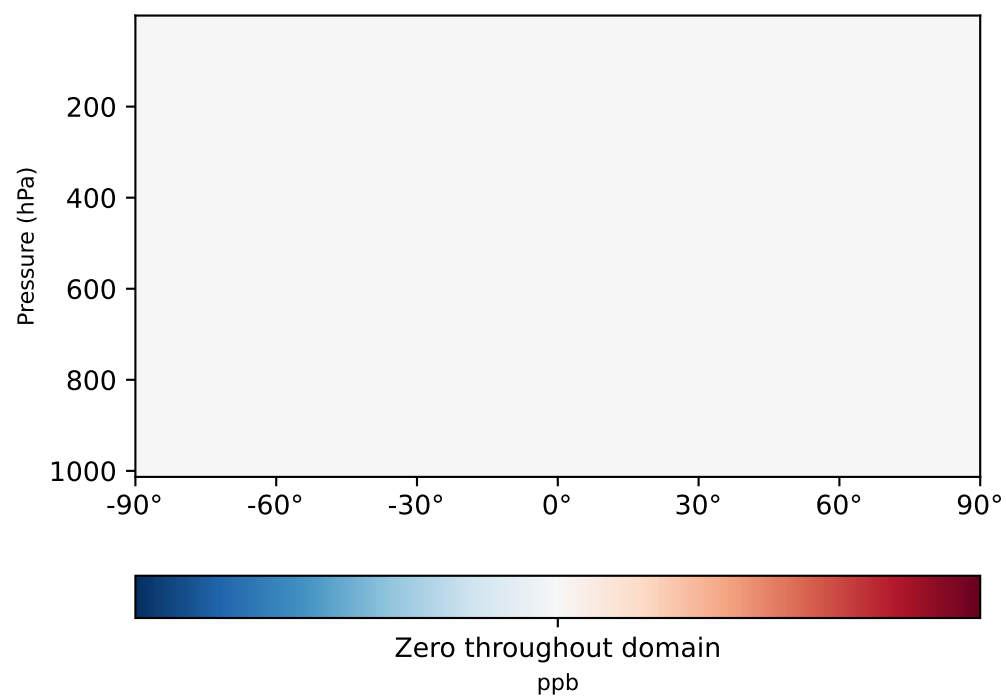


SpeciesConcVV_NH3, Zonal Mean

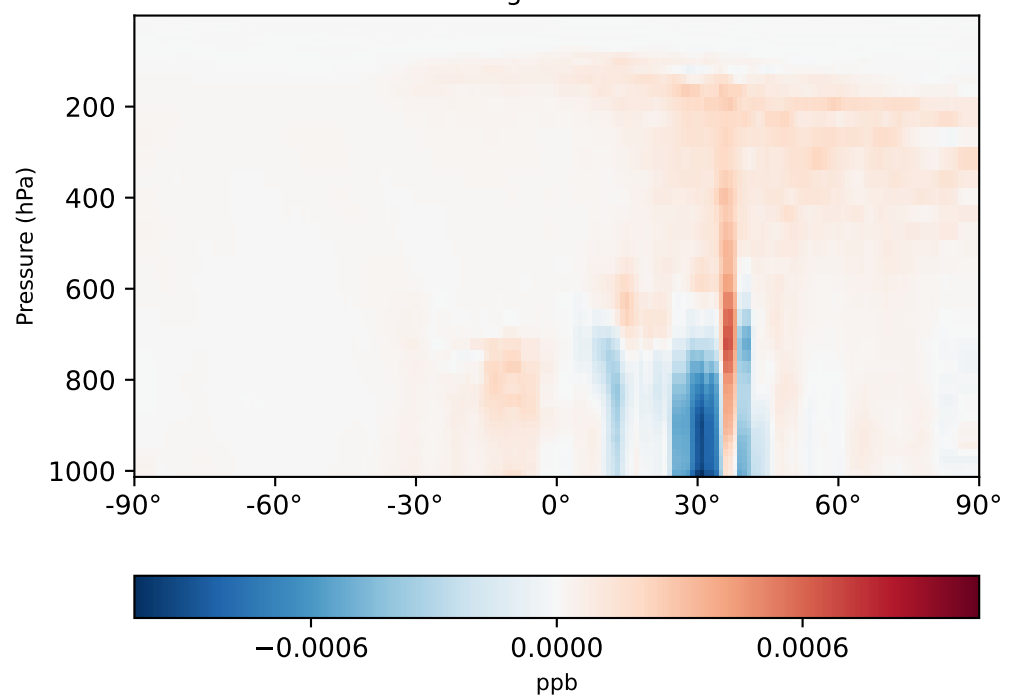


SpeciesConcVV_NH4, Zonal Mean

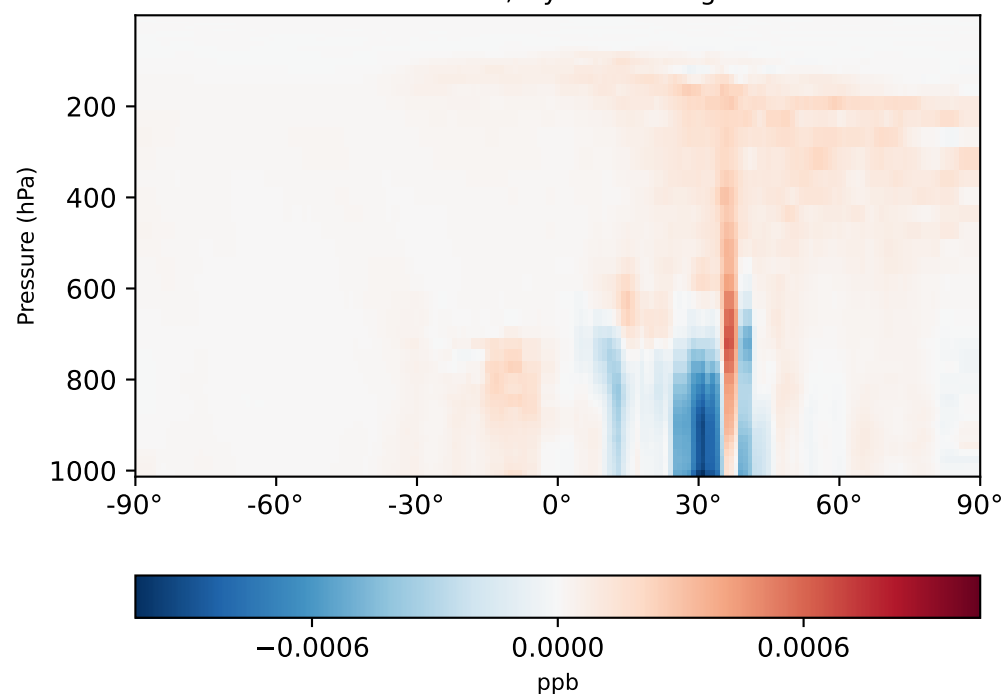
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



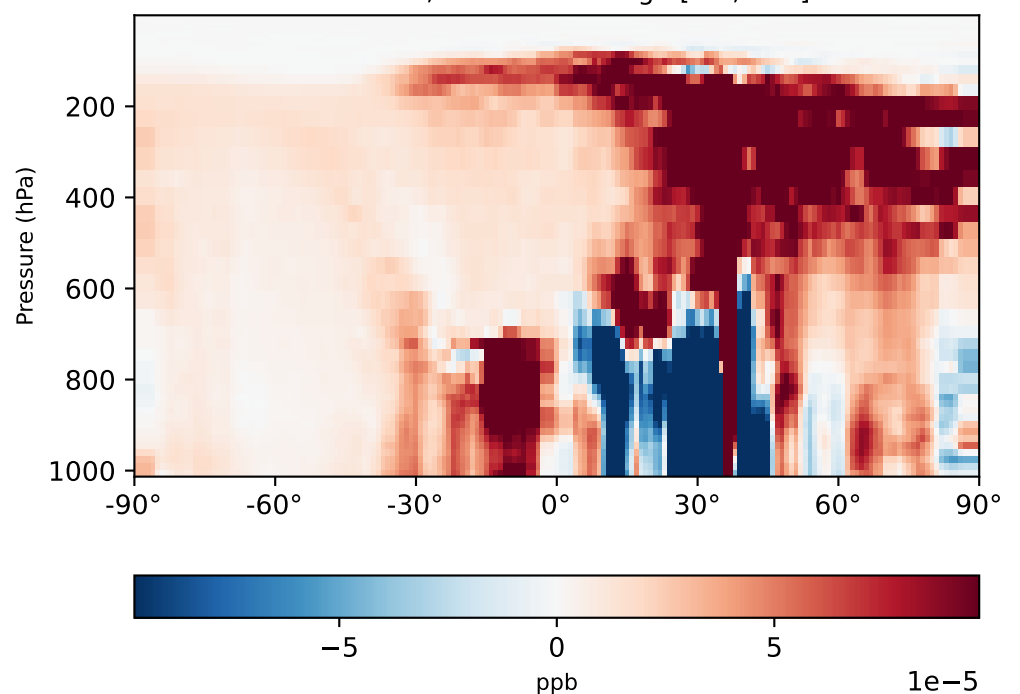
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



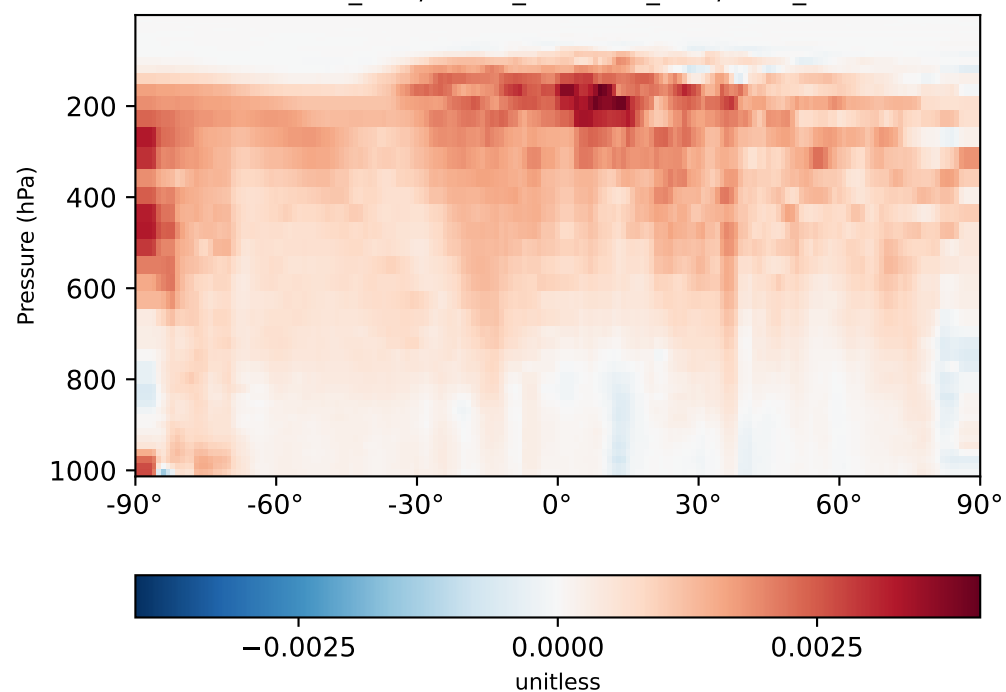
Difference (1x1.25)
Dev - Ref, Dynamic Range



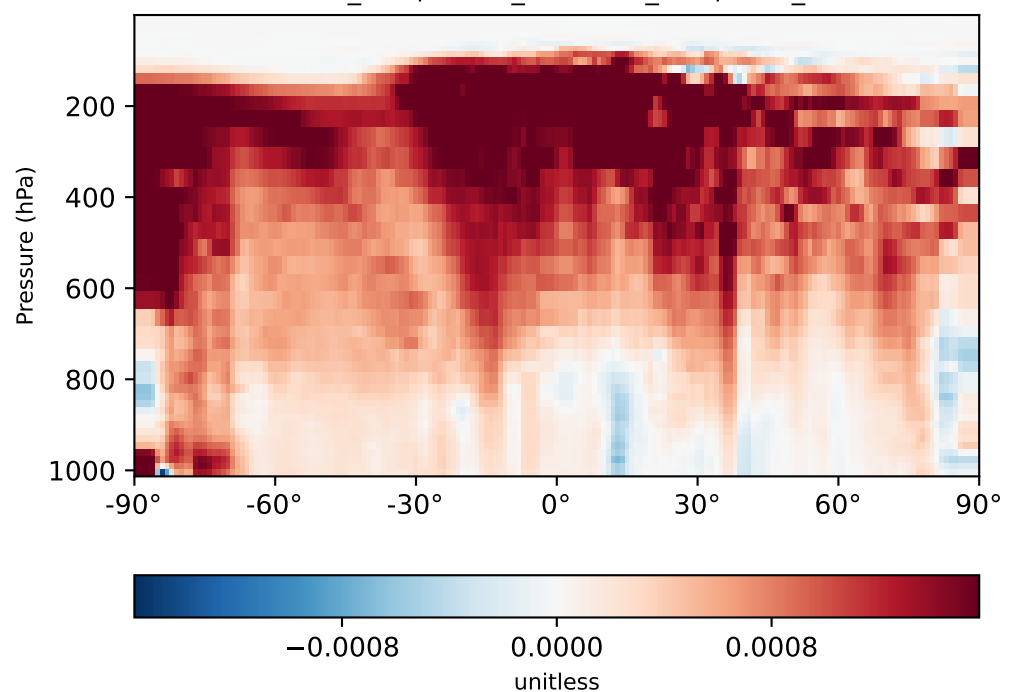
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

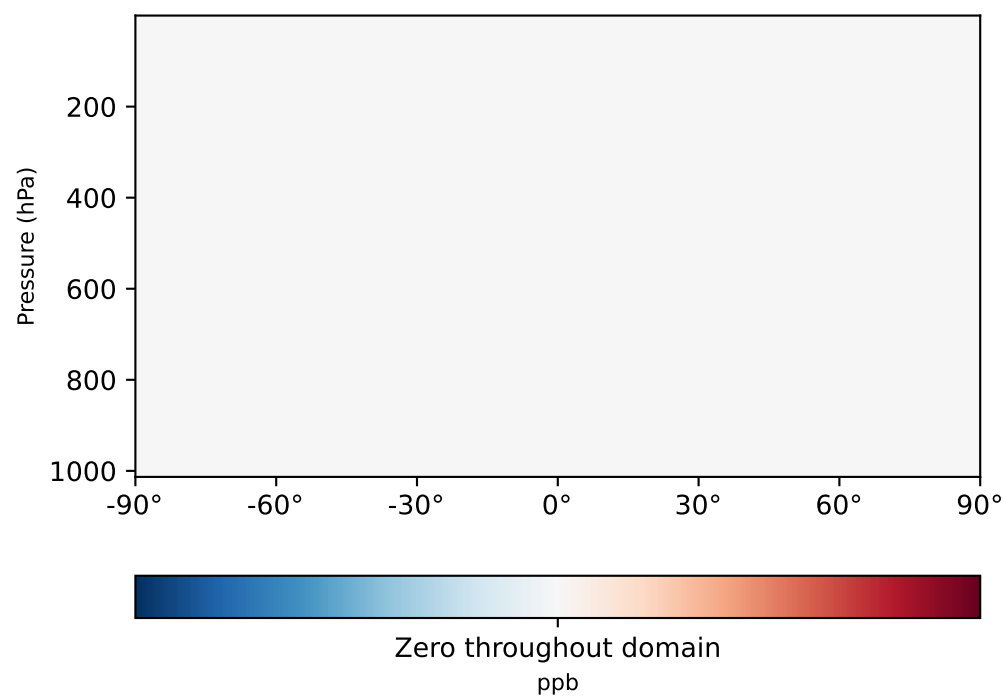


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

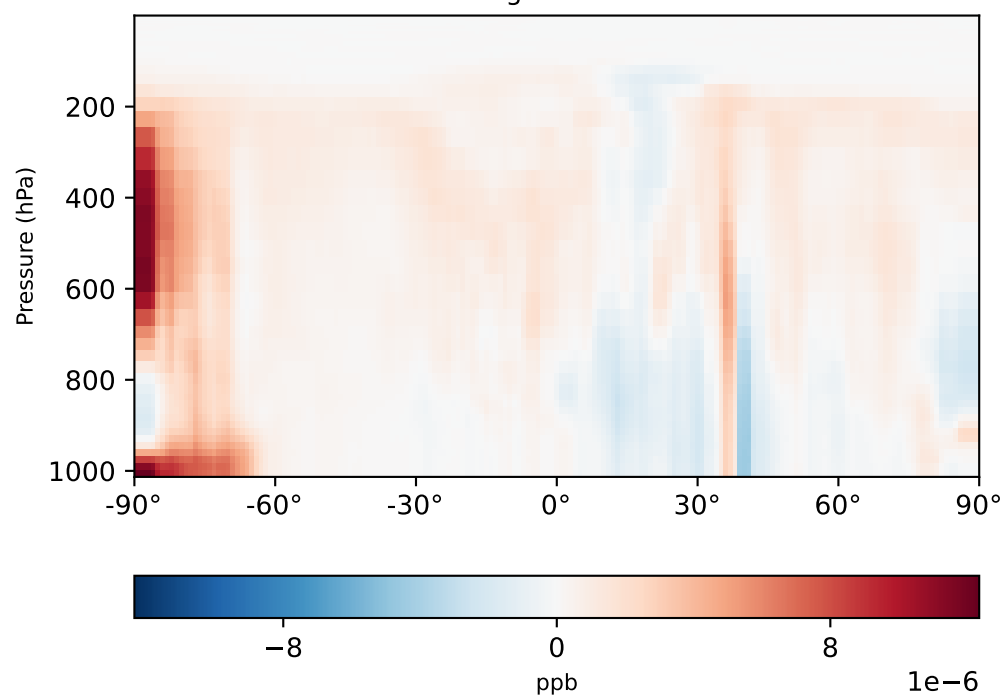


SpeciesConcVV_MENO3, Zonal Mean

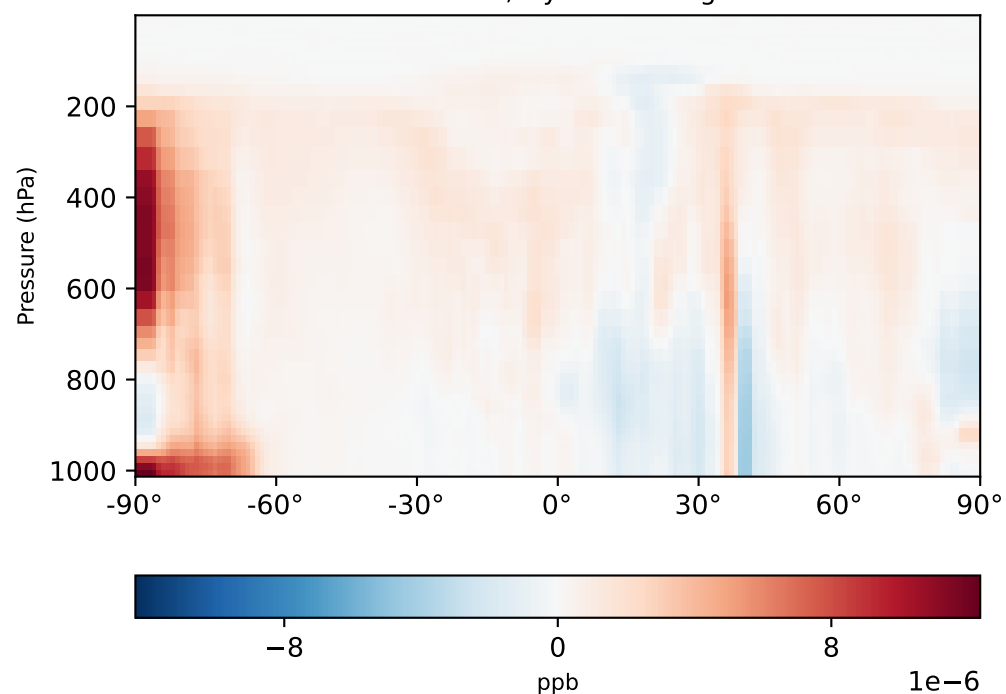
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



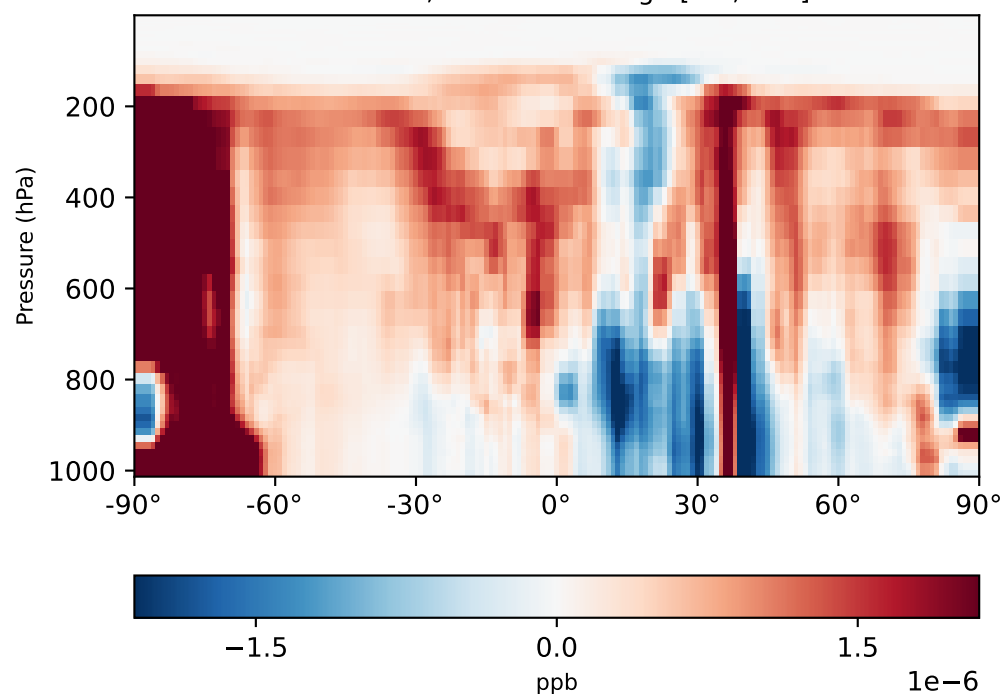
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



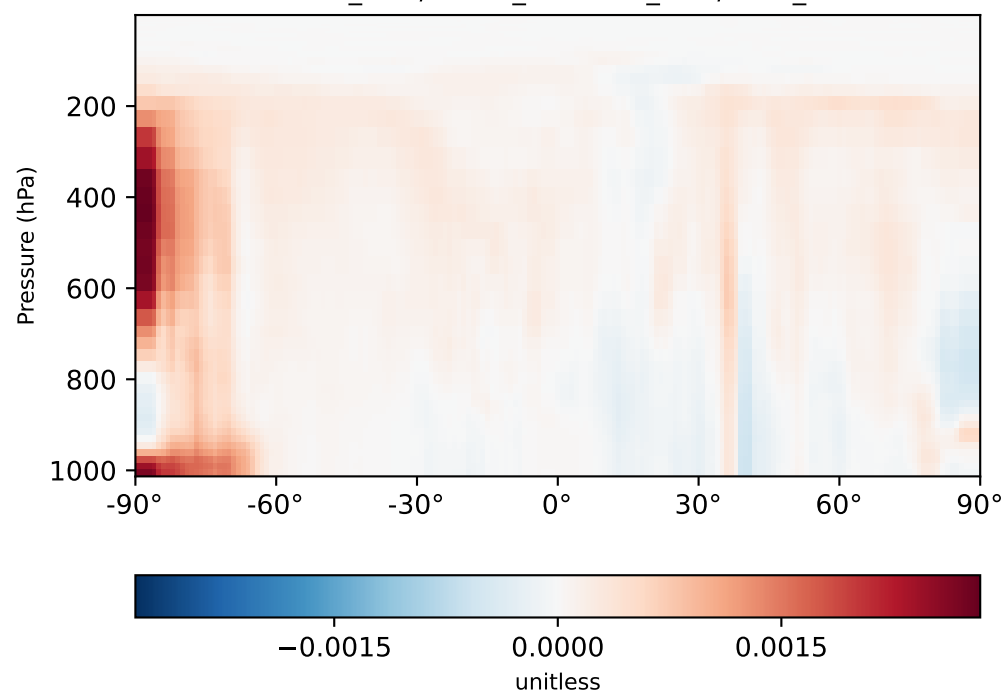
Difference (1x1.25)
Dev - Ref, Dynamic Range



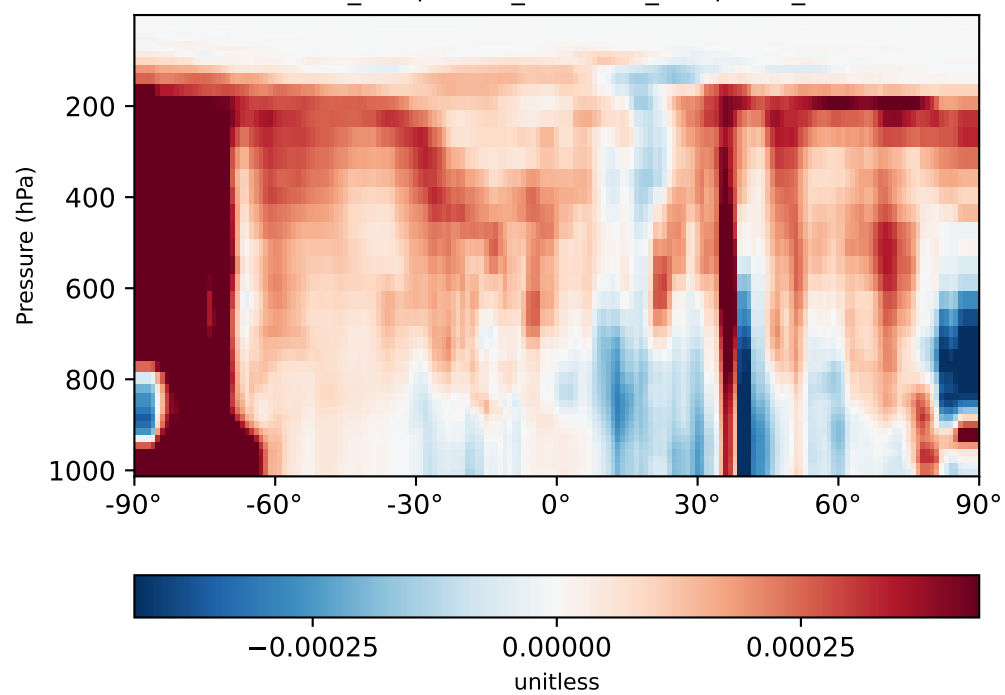
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

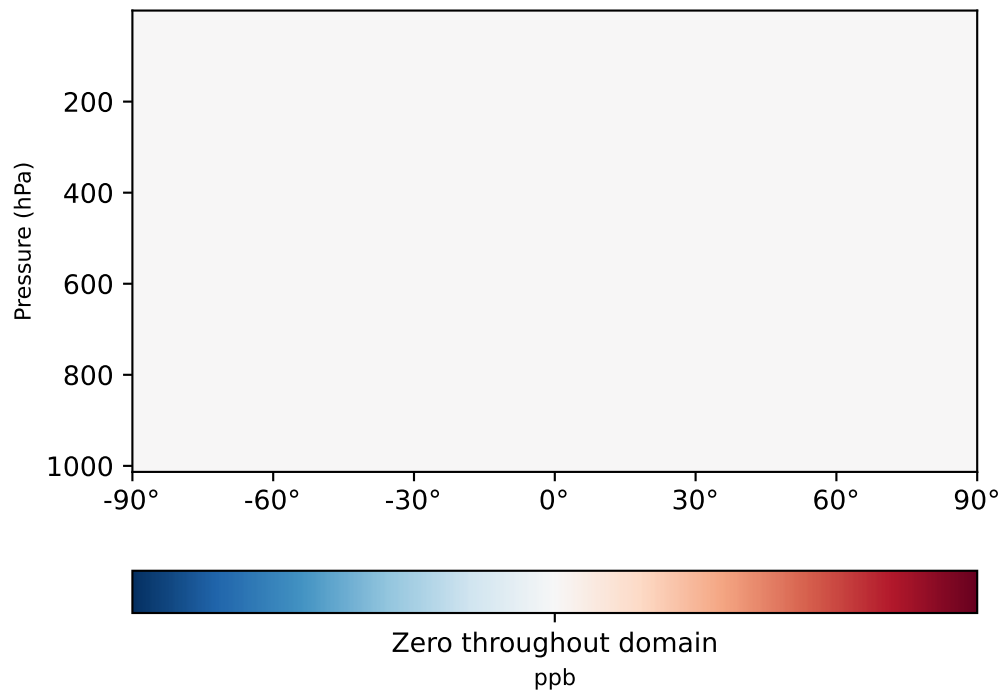


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

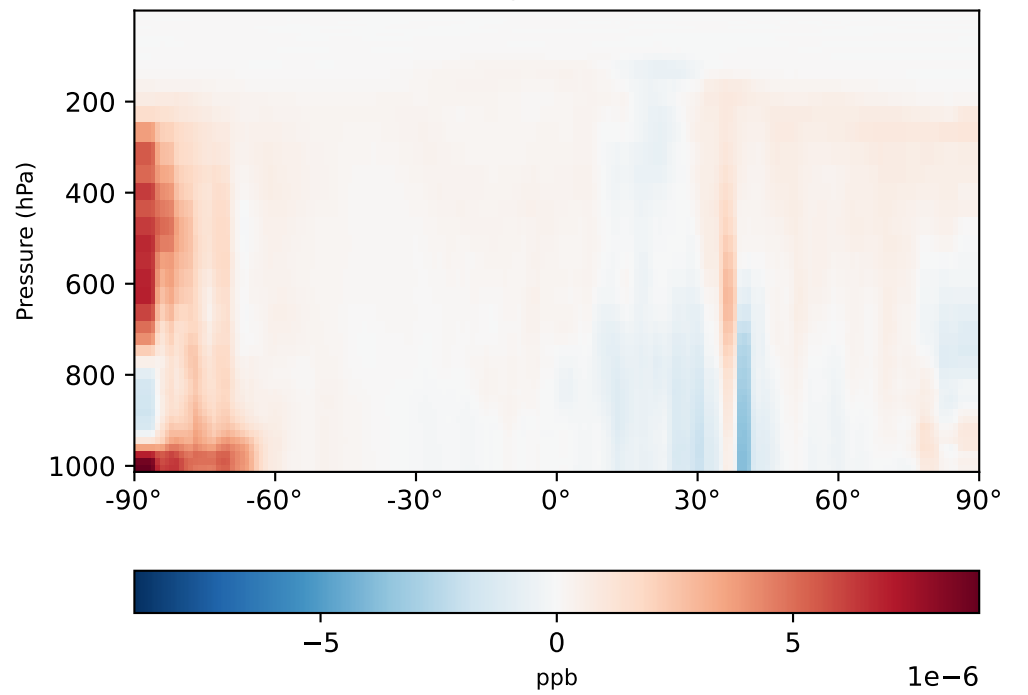


SpeciesConcVV_ETNO3, Zonal Mean

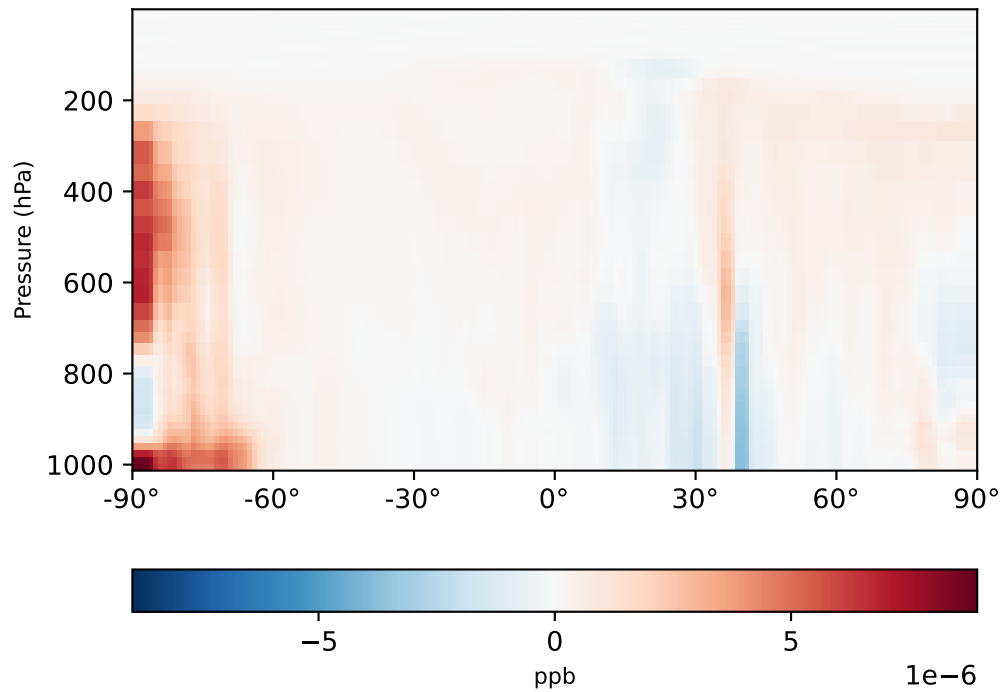
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



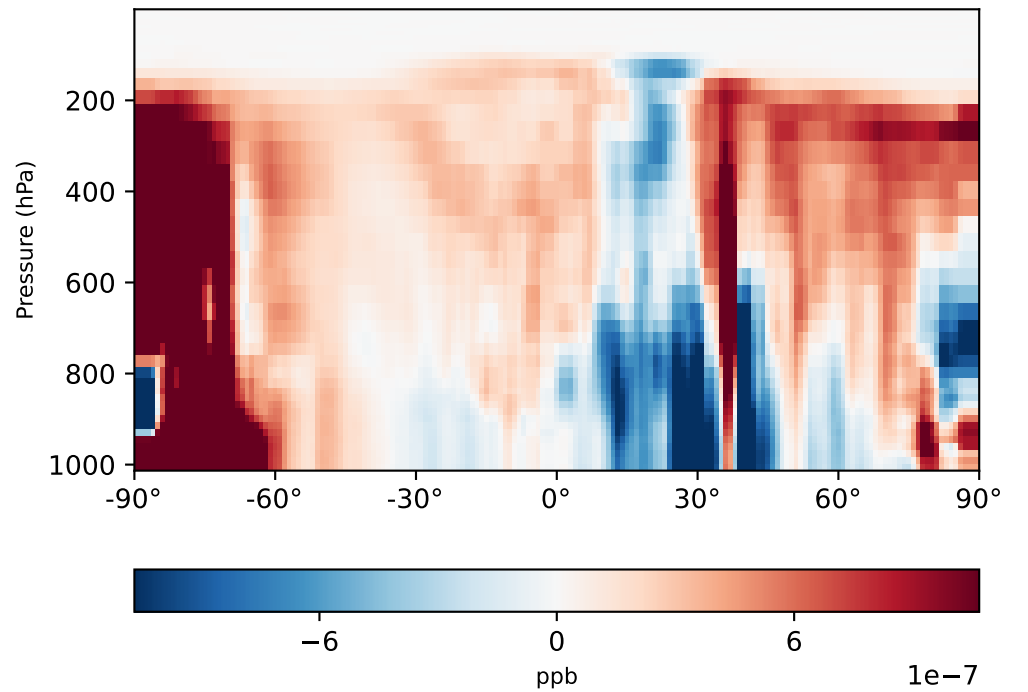
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



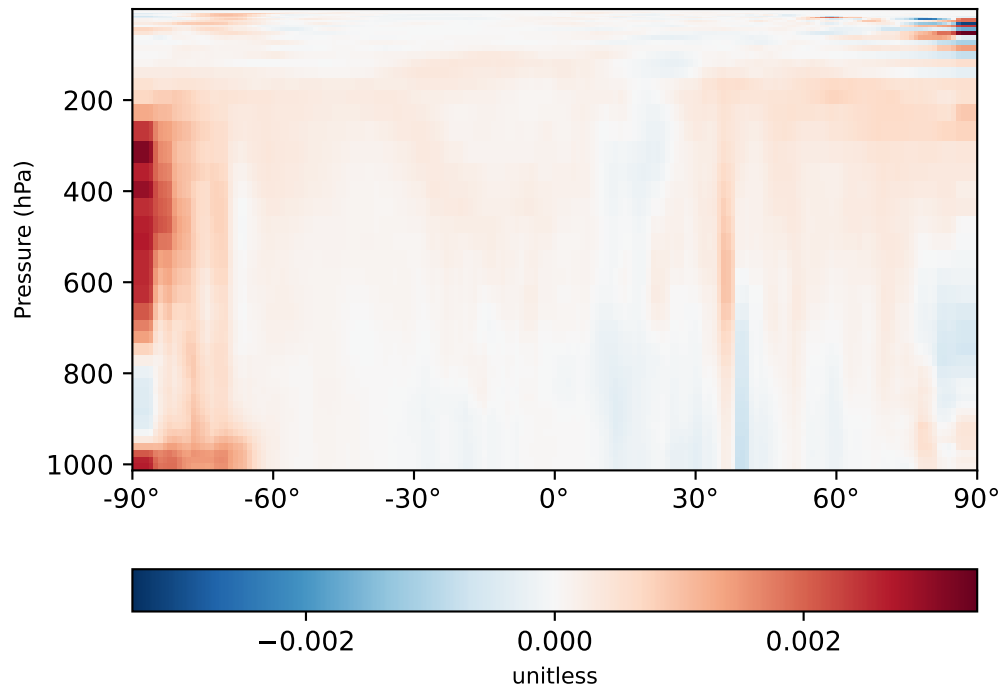
Difference (1x1.25)
Dev - Ref, Dynamic Range



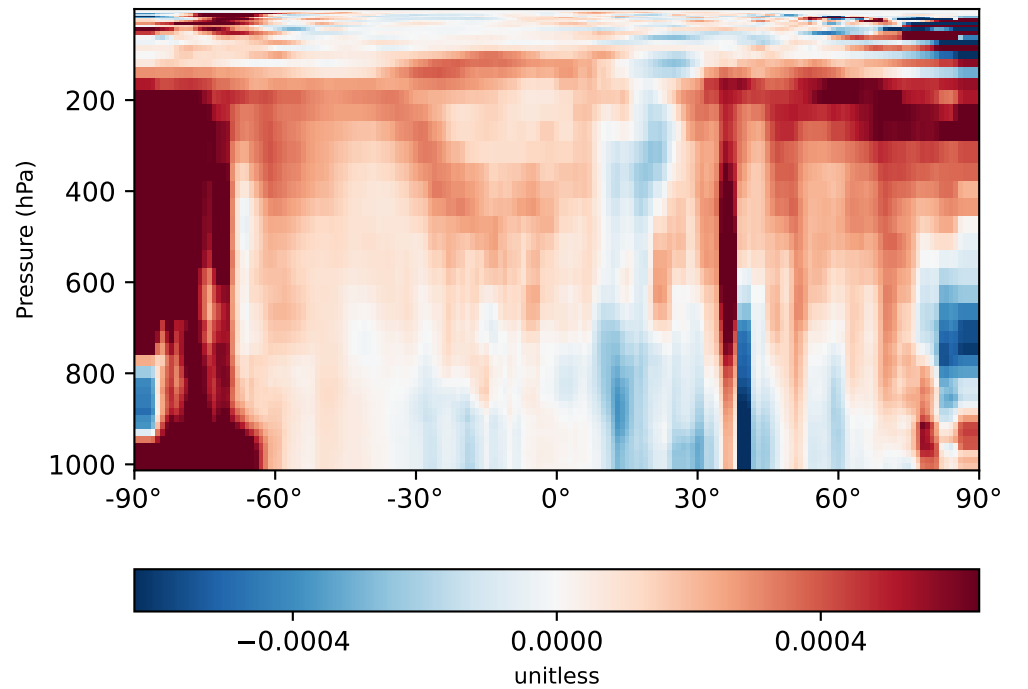
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

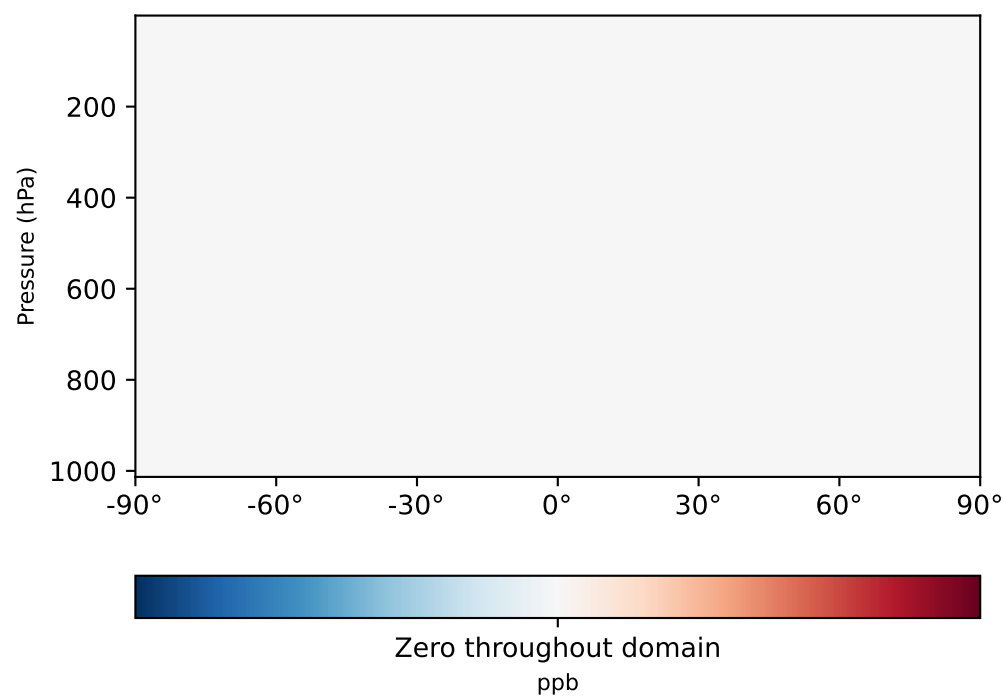


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

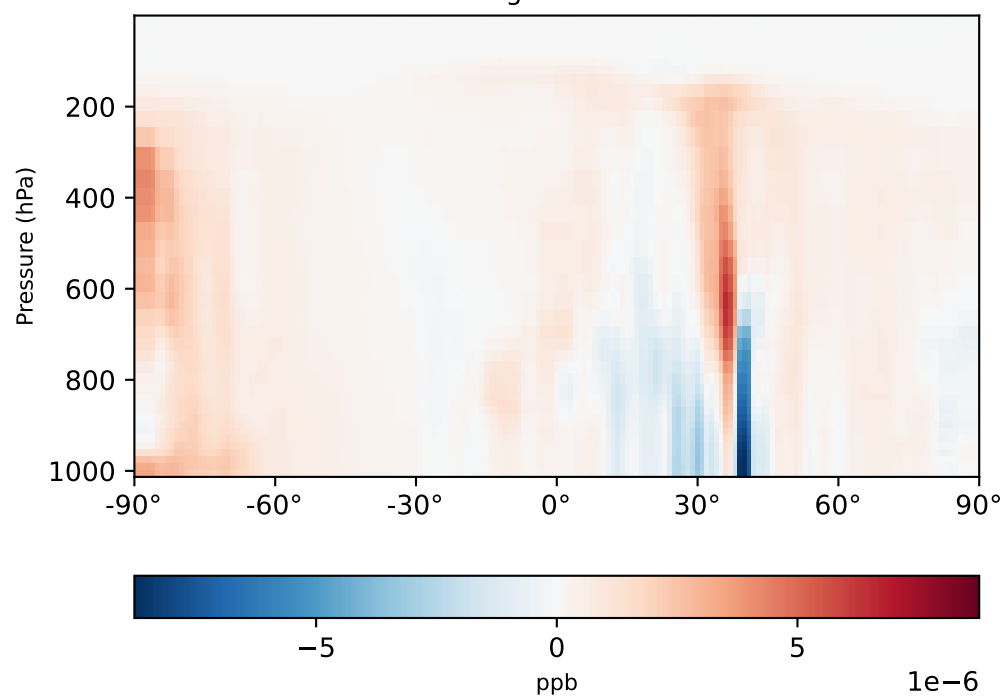


SpeciesConcVV_IPRNO3, Zonal Mean

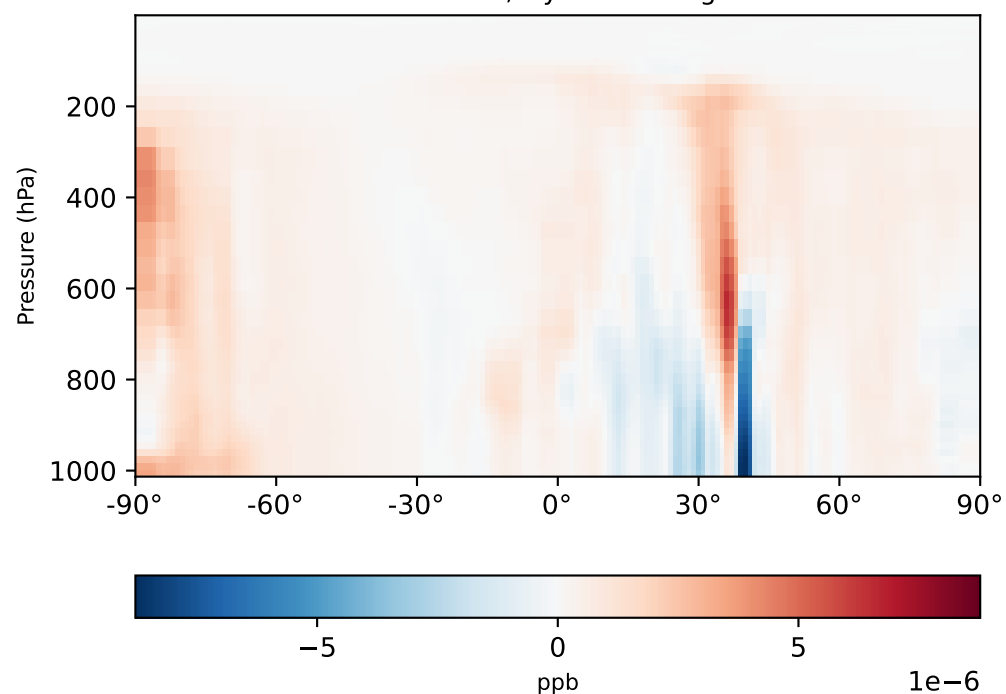
gcc-4x5-1Mon-14.7.0-alpha.12_- gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



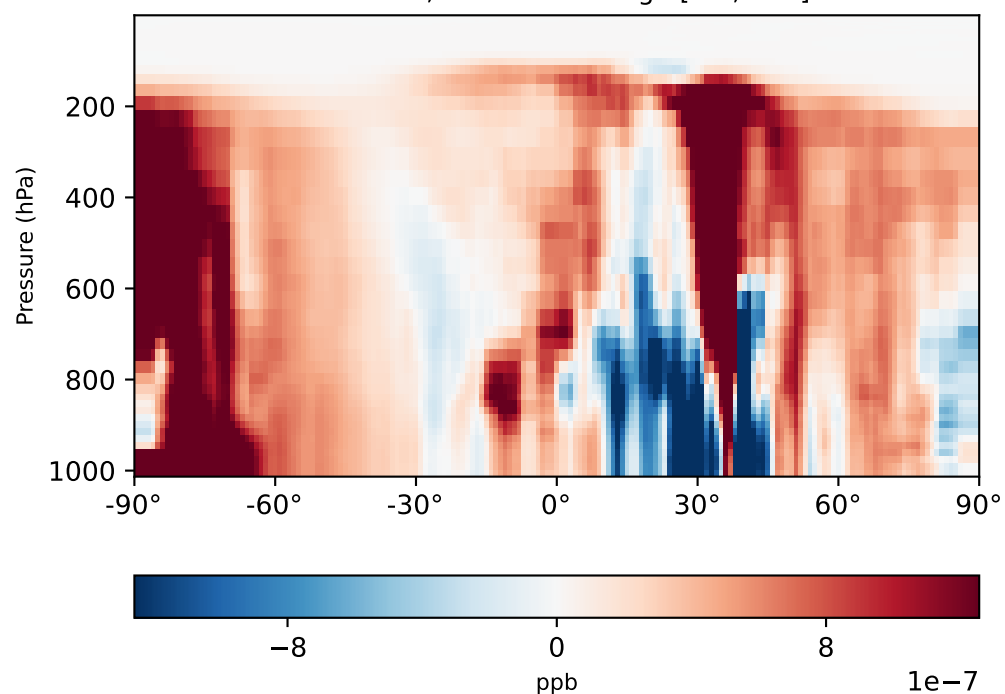
gchp-c24-1Mon-14.7.0-alpha.12_- gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



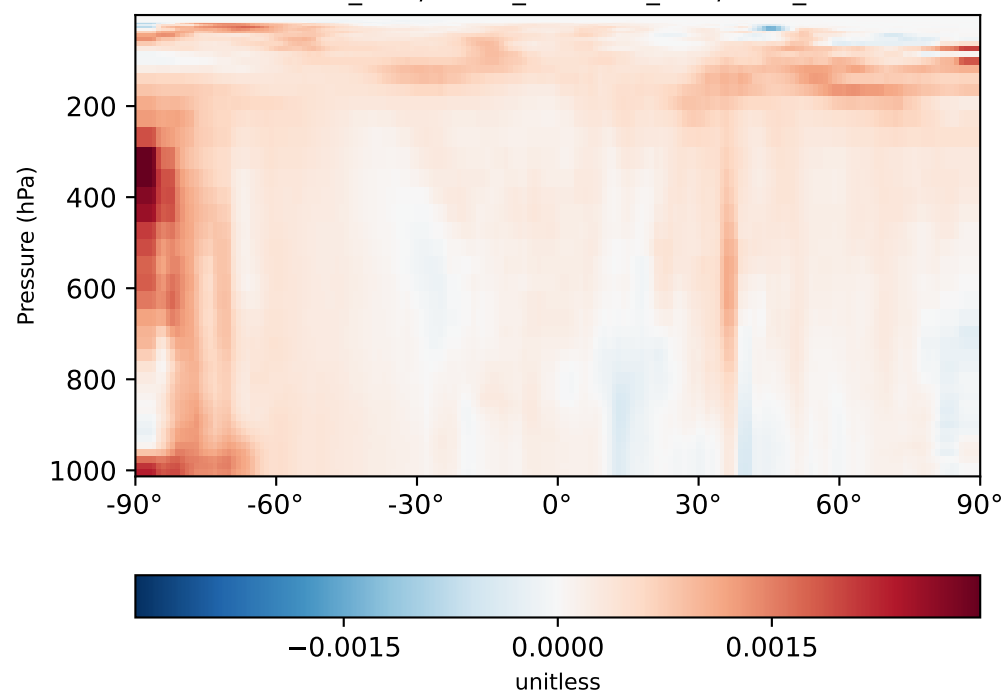
Difference (1x1.25)
Dev - Ref, Dynamic Range



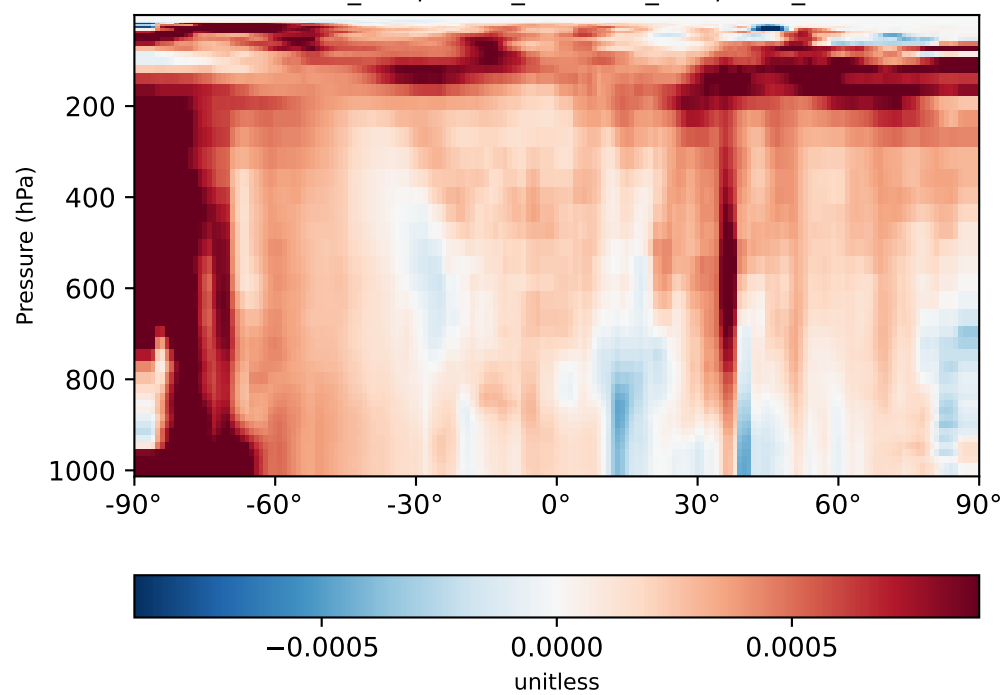
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

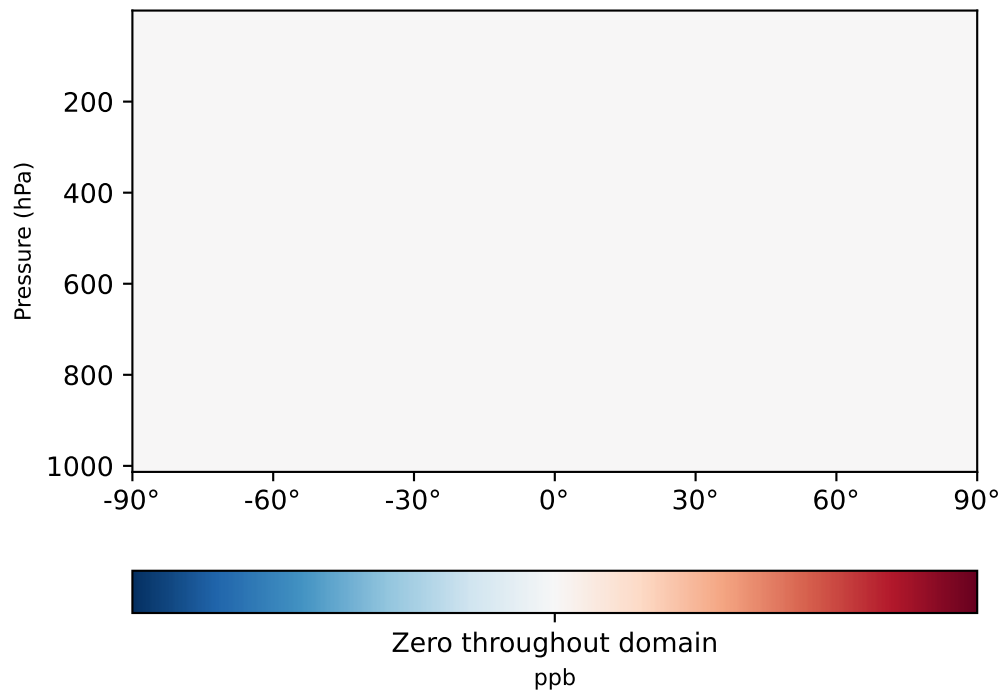


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

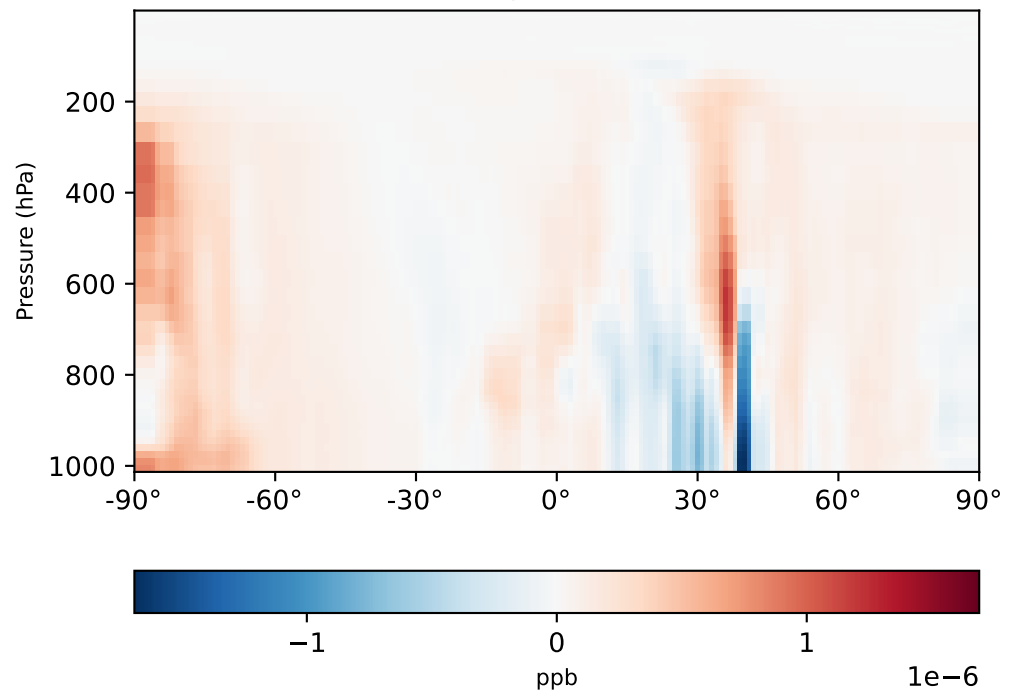


SpeciesConcVV_NPRNO3, Zonal Mean

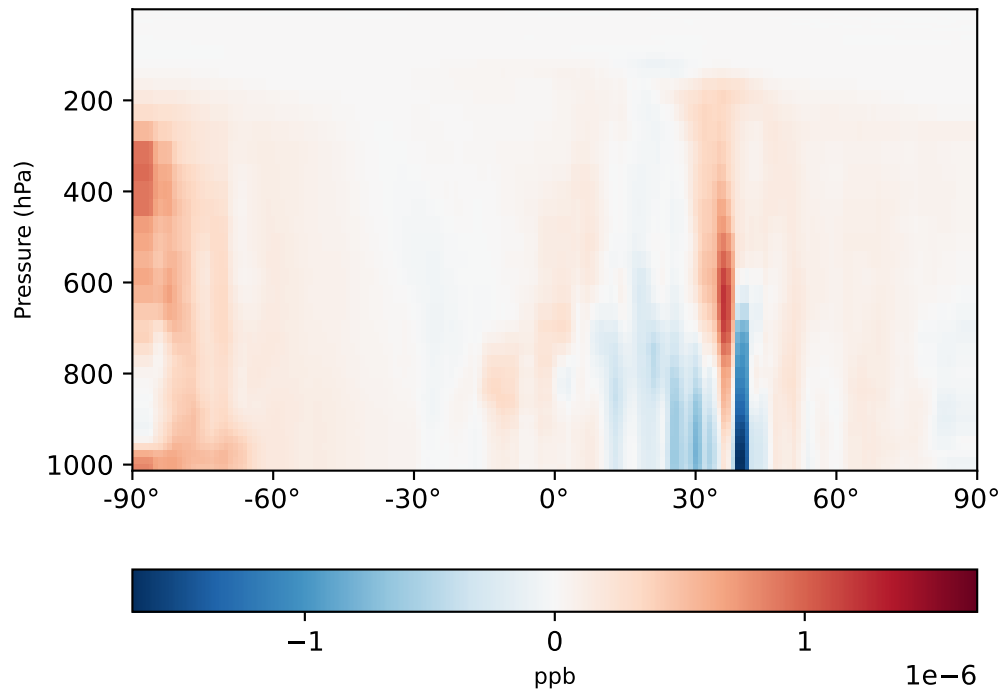
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



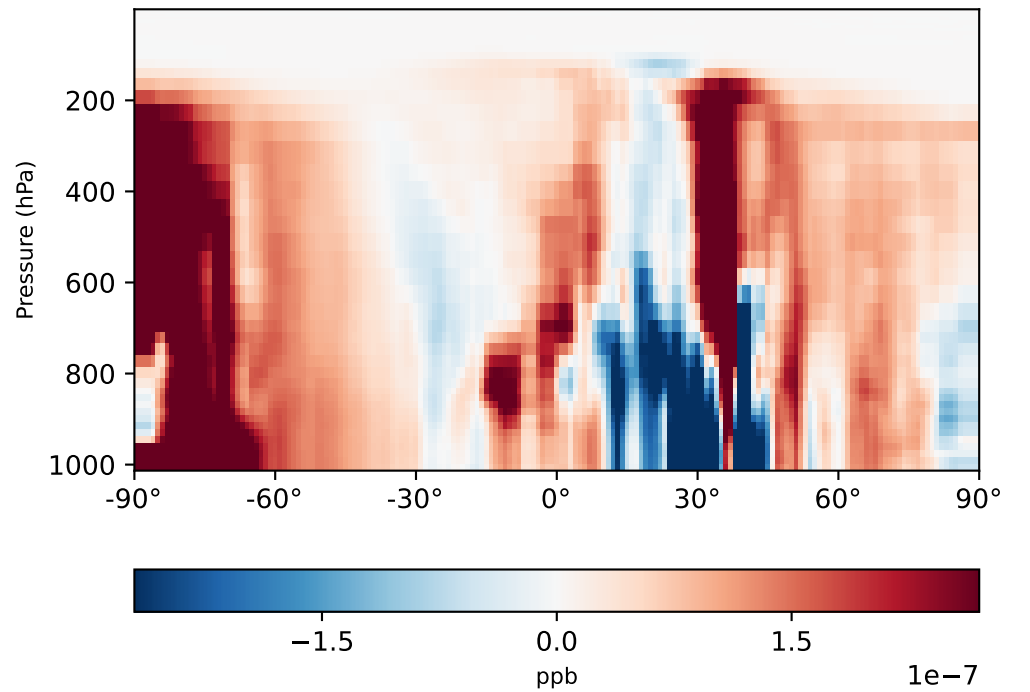
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



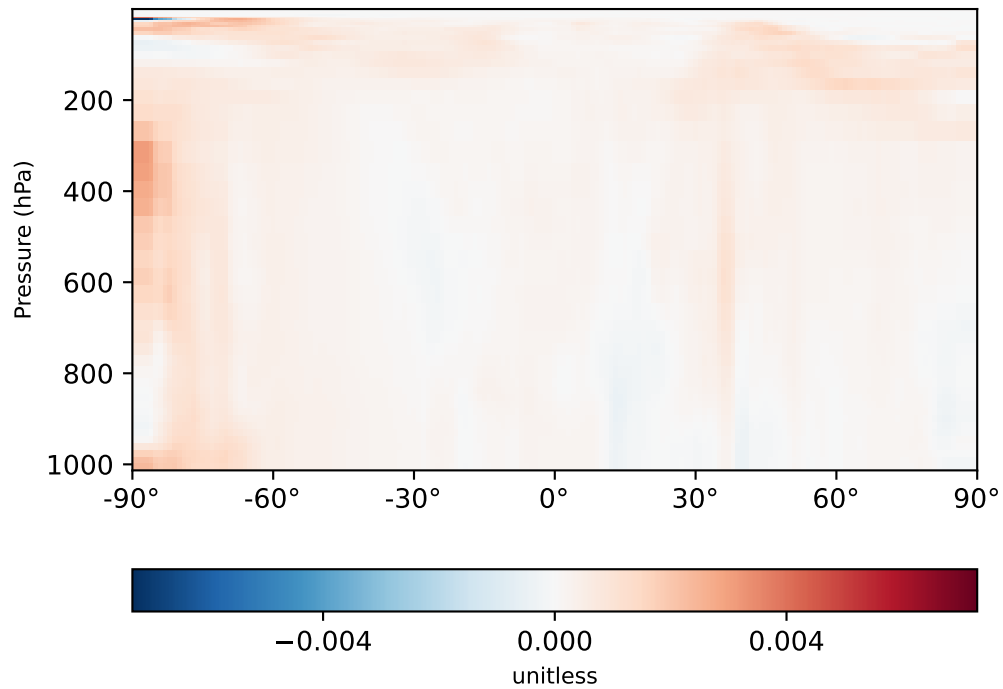
Difference (1x1.25)
Dev - Ref, Dynamic Range



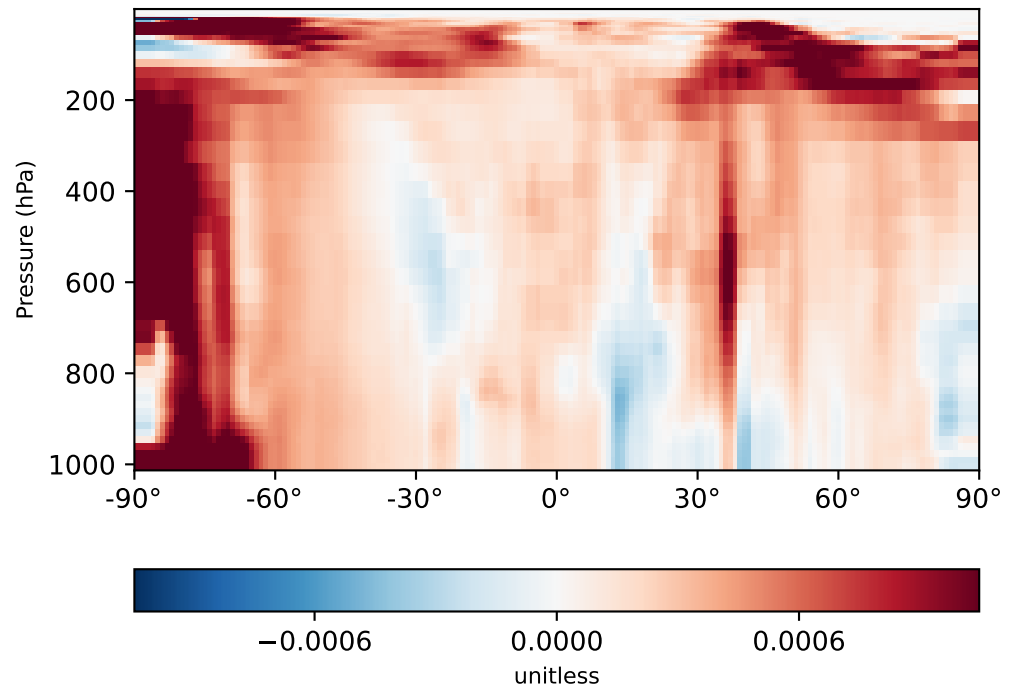
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

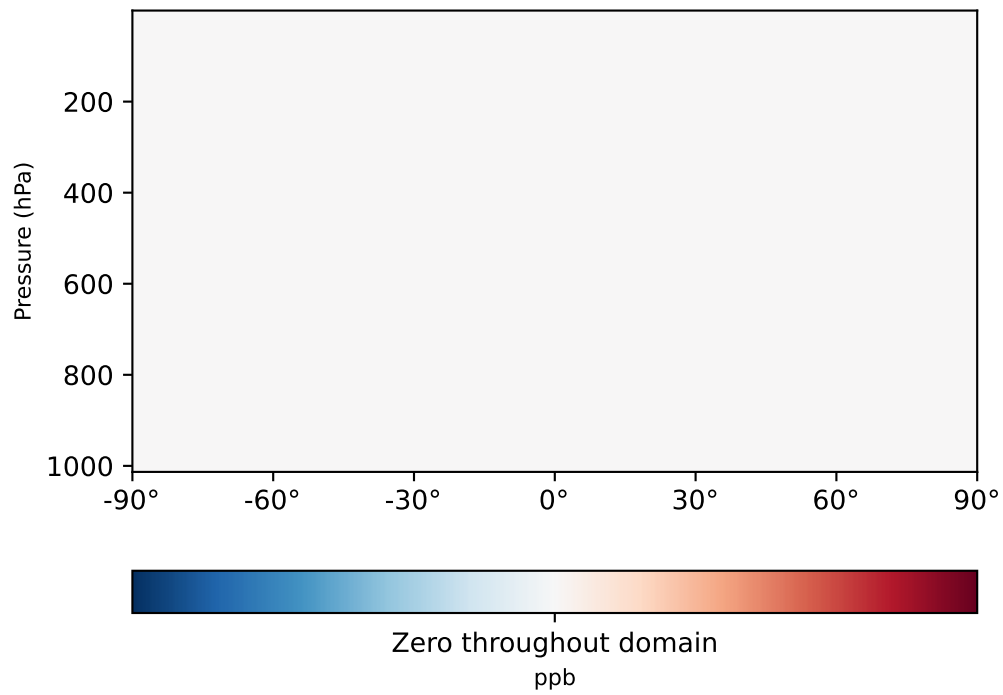


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

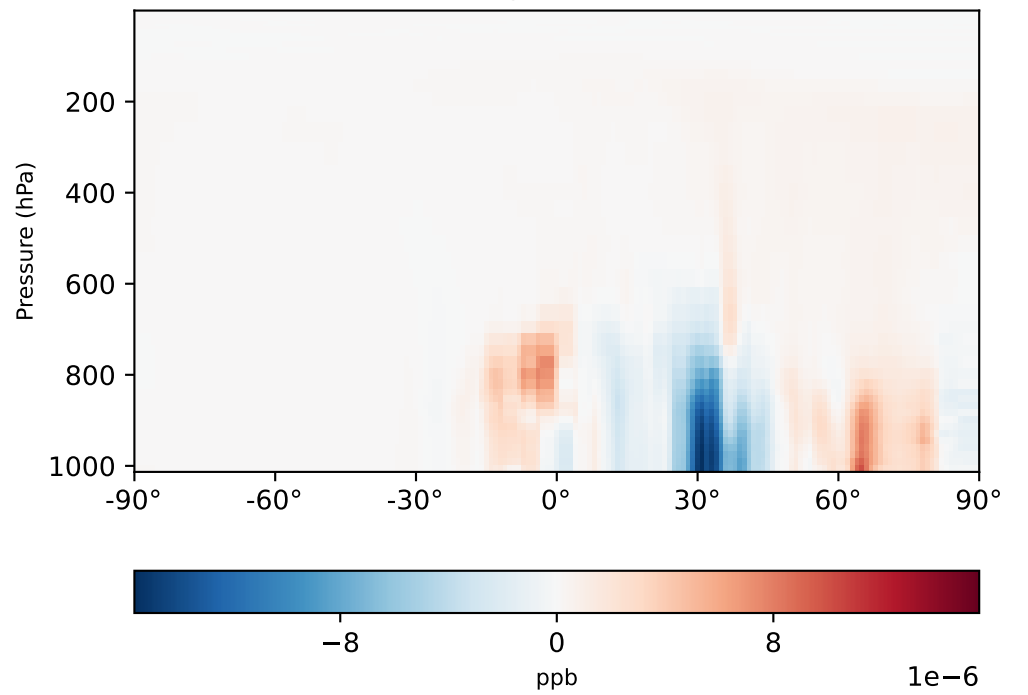


SpeciesConcVV_AONITA, Zonal Mean

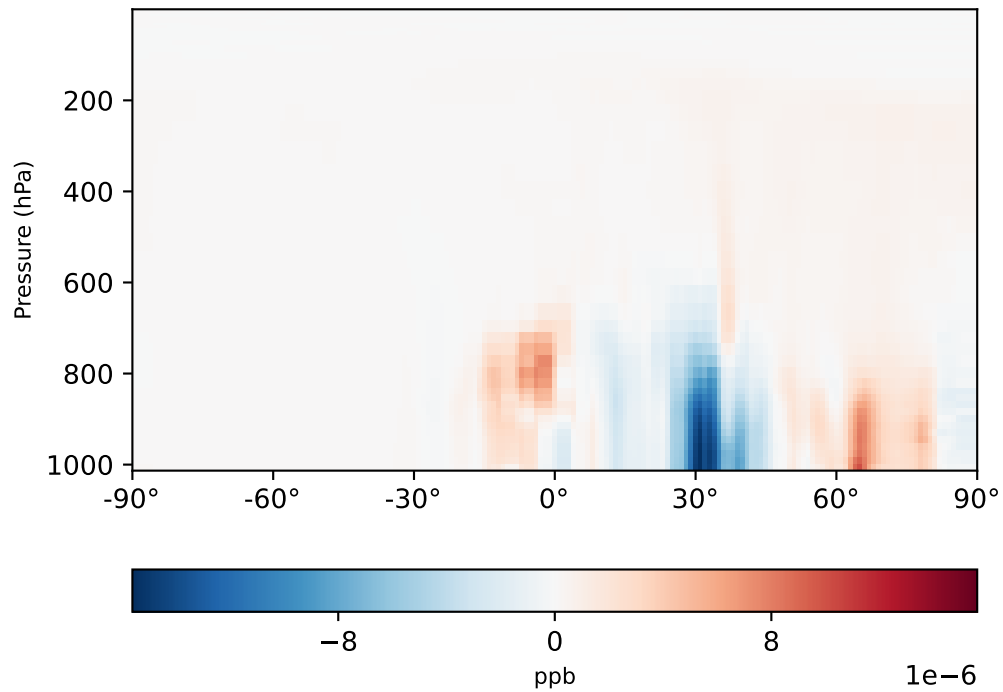
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



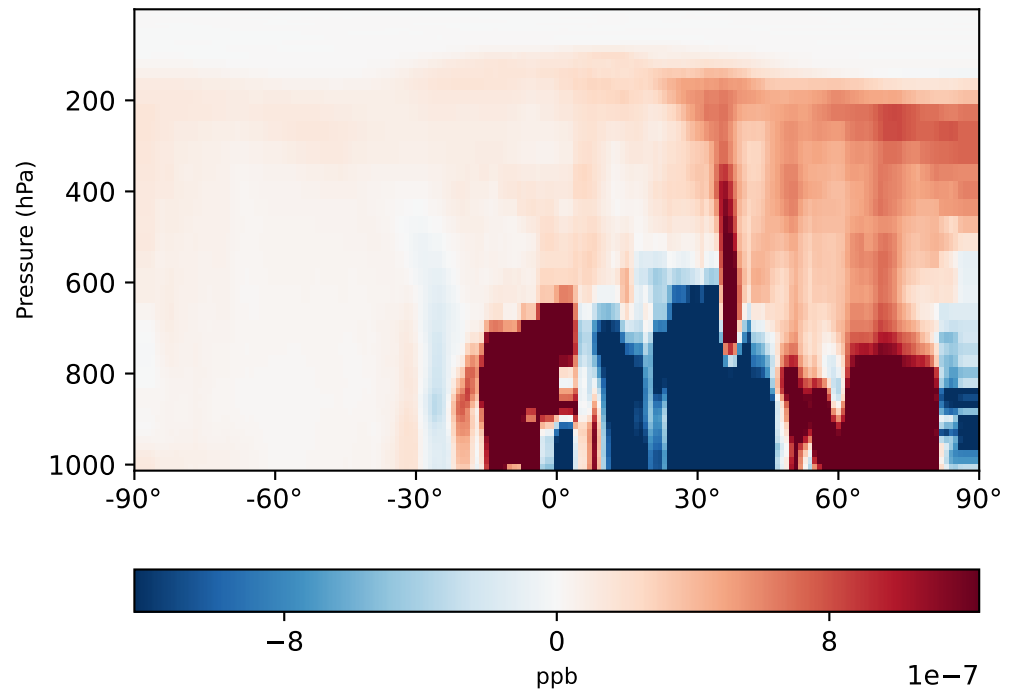
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



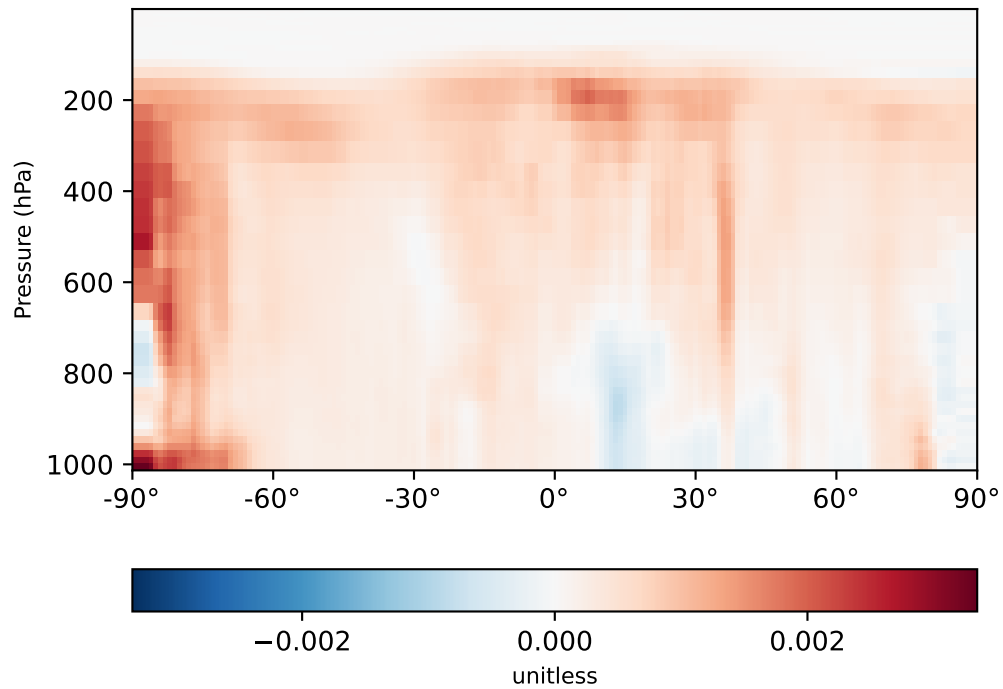
Difference (1x1.25)
Dev - Ref, Dynamic Range



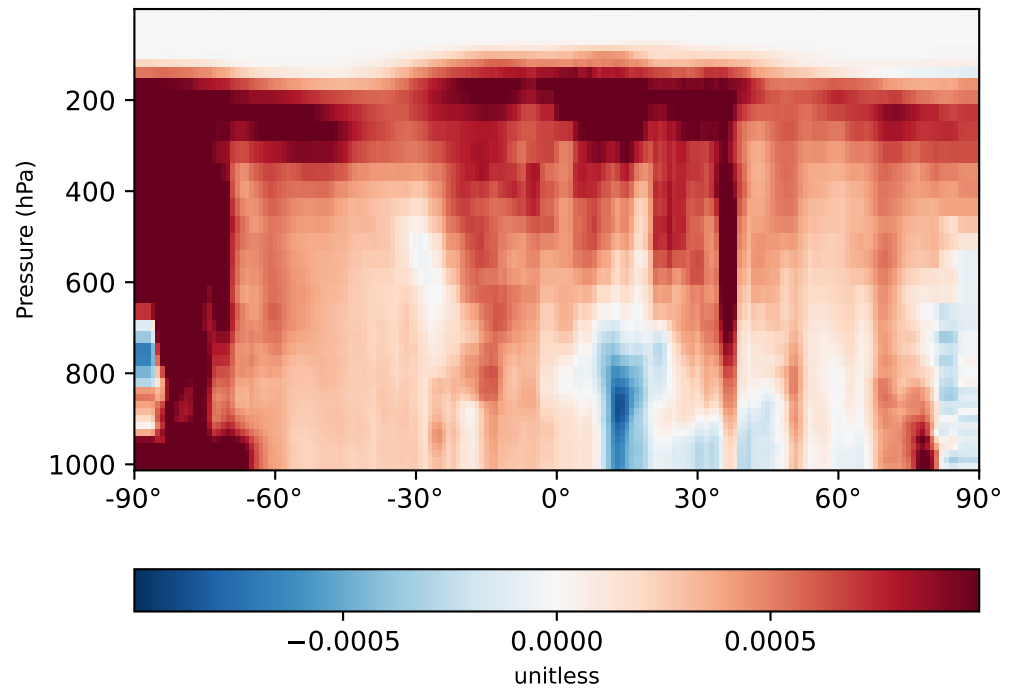
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

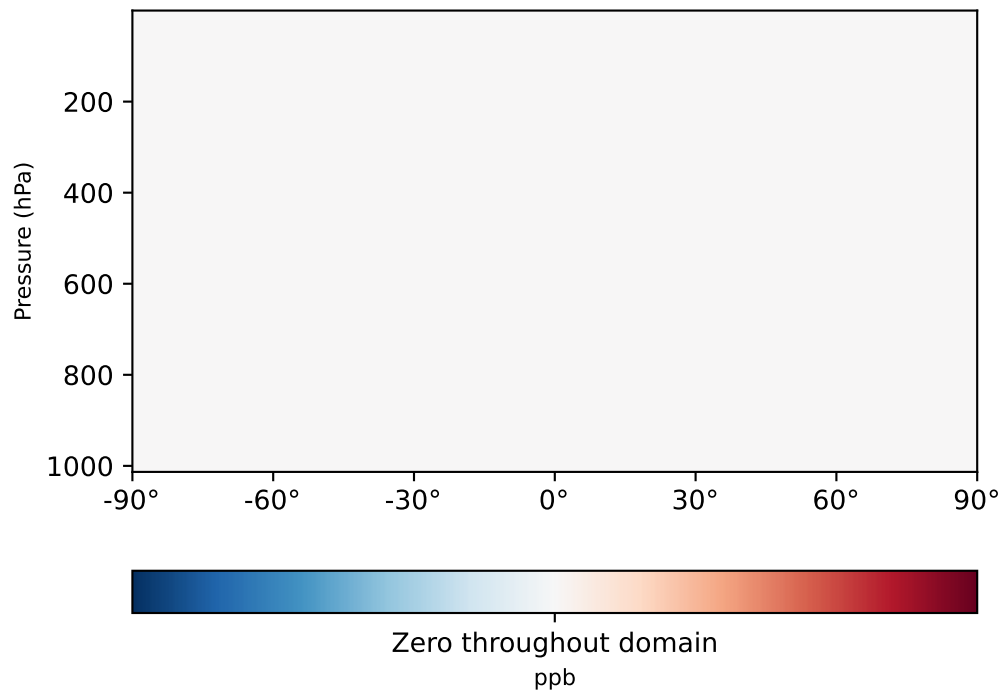


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

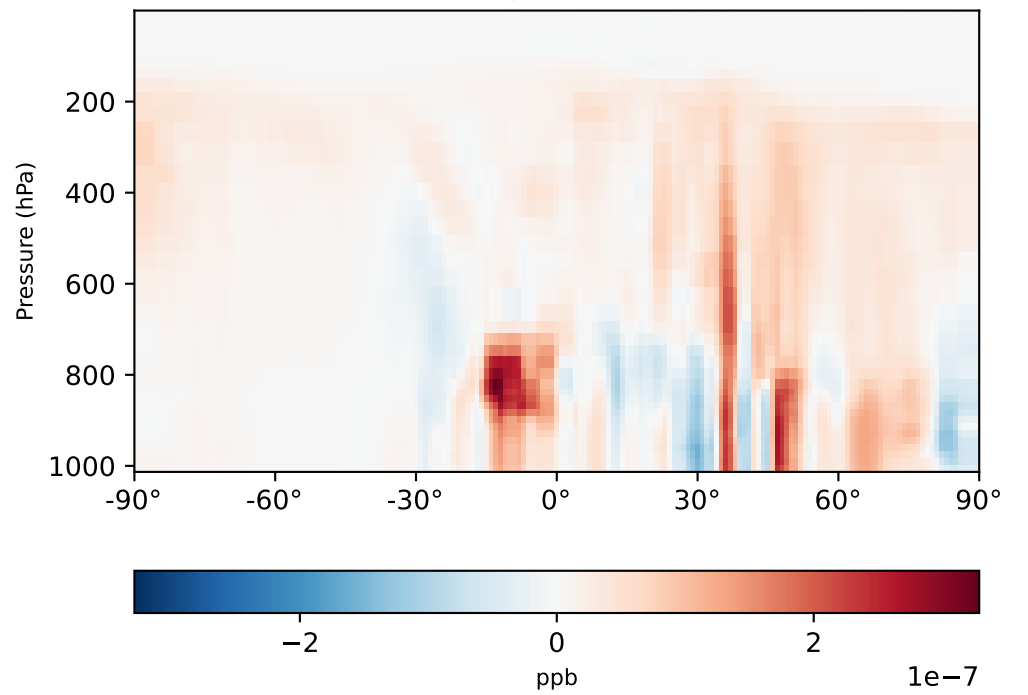


SpeciesConcVV_ETHN, Zonal Mean

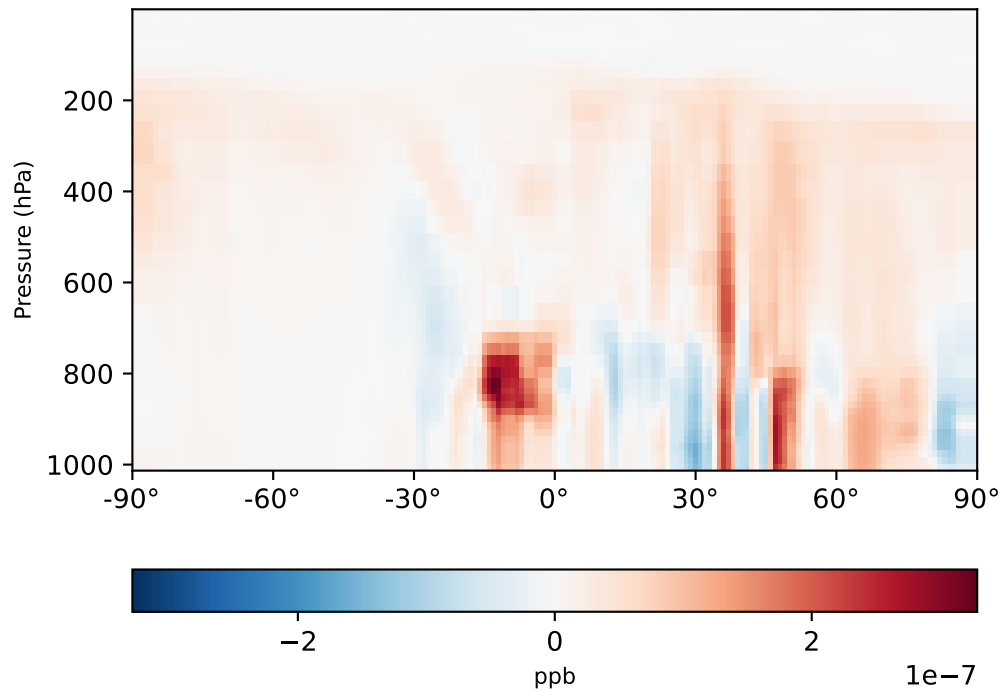
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



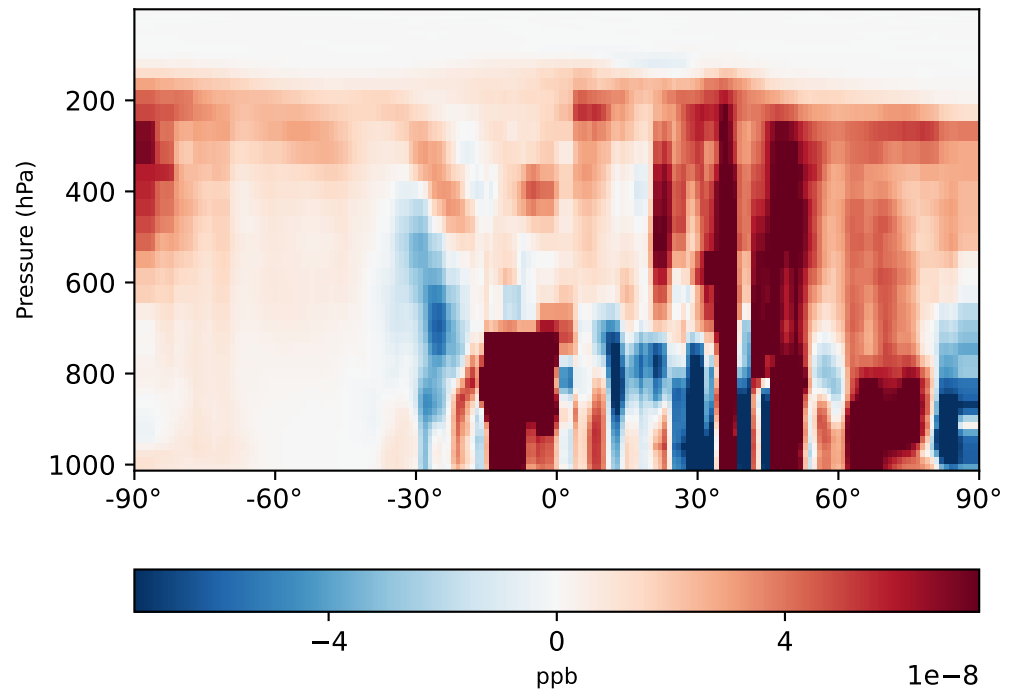
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



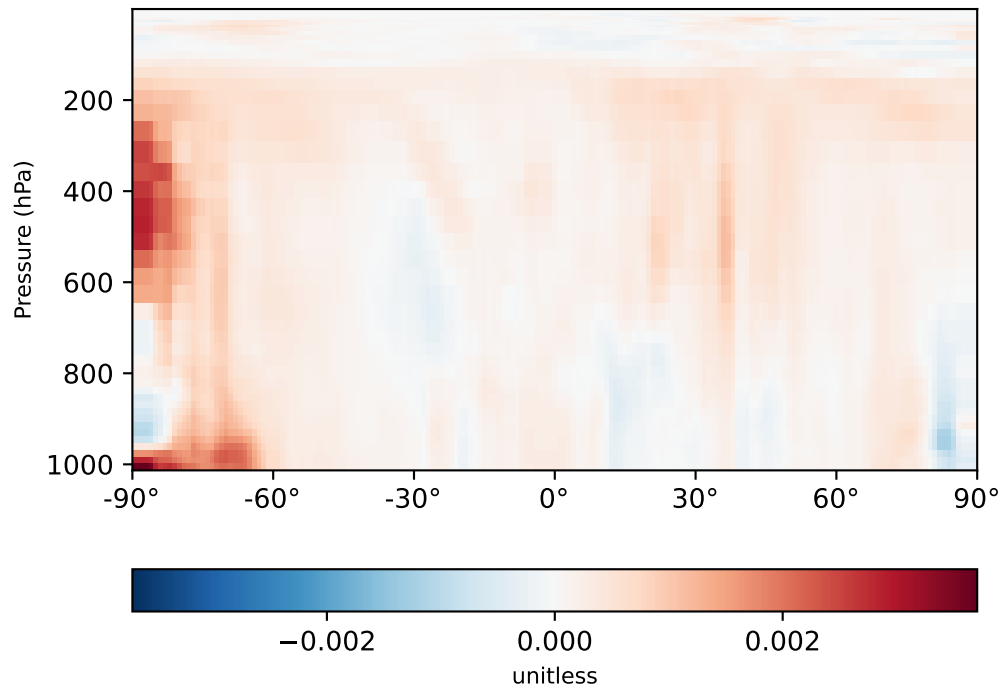
Difference (1x1.25)
Dev - Ref, Dynamic Range



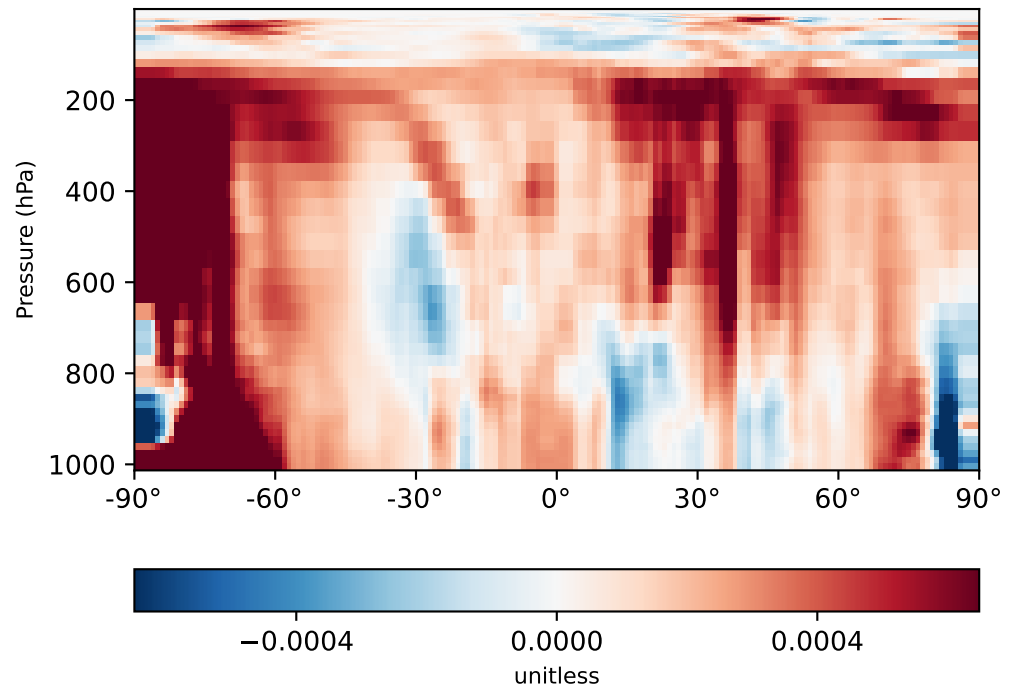
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

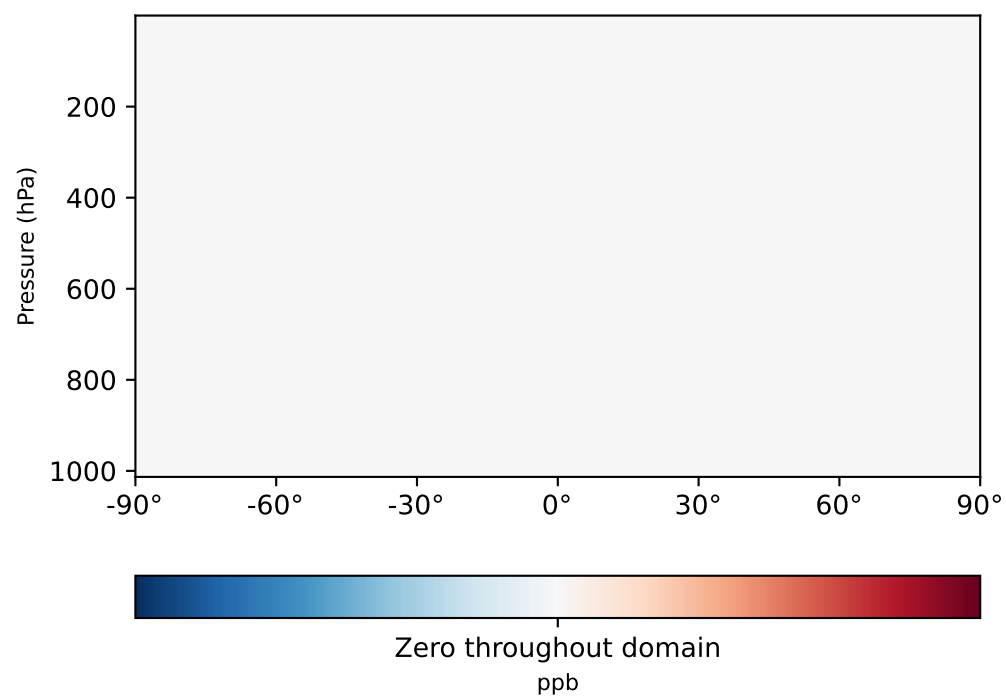


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

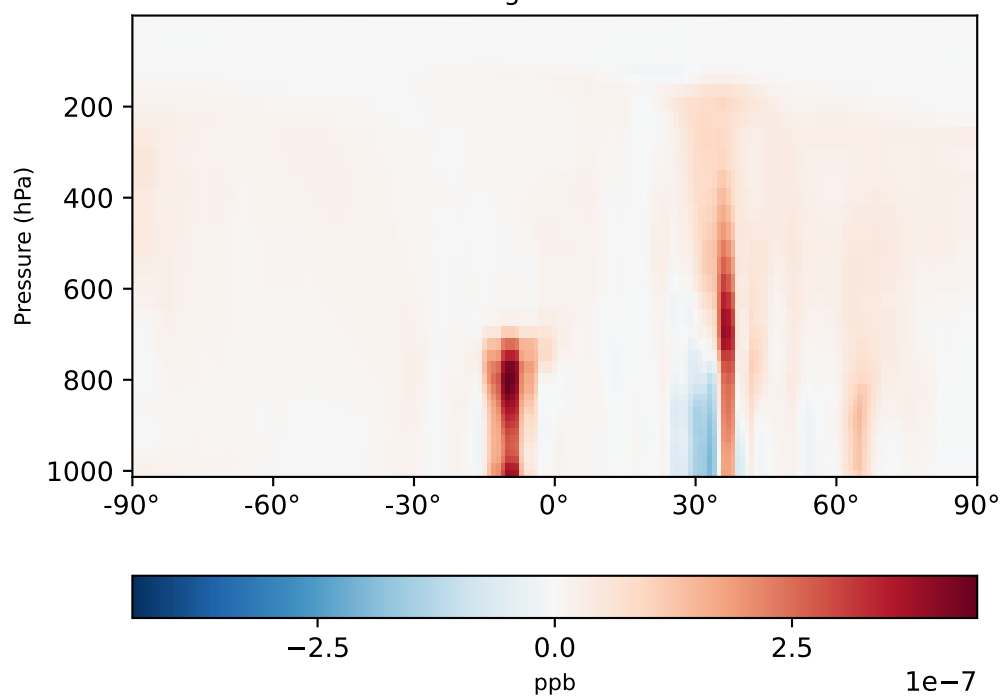


SpeciesConcVV_BZPAN, Zonal Mean

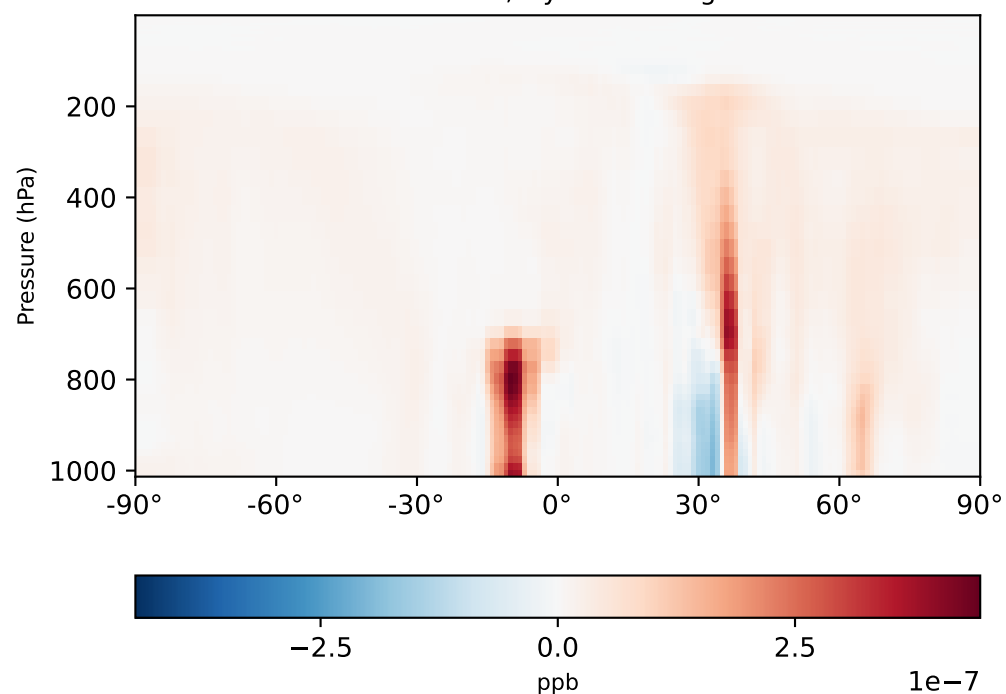
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



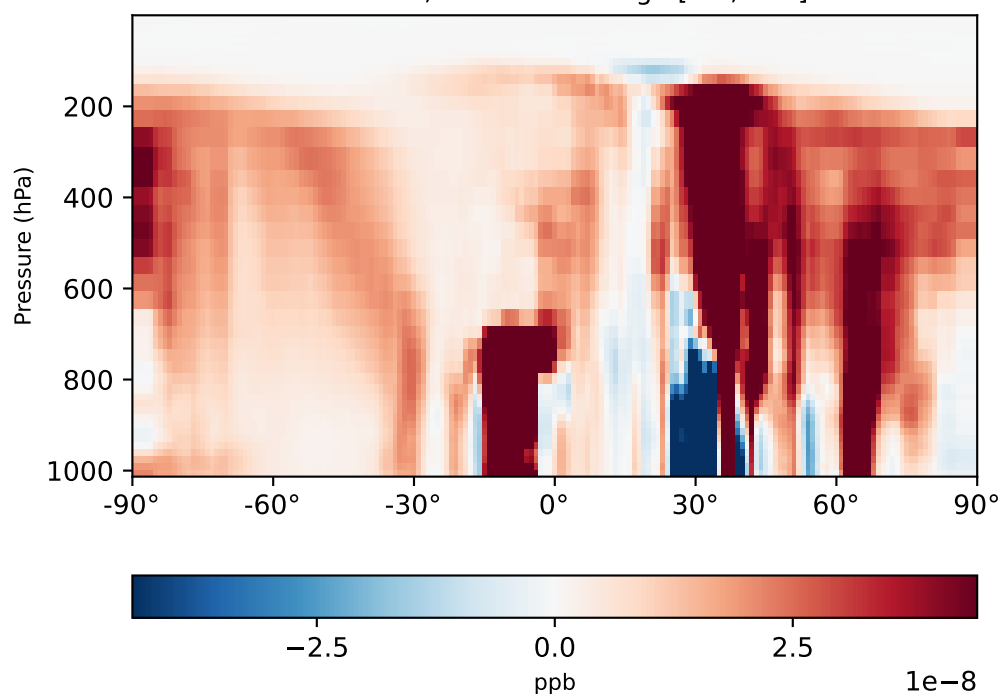
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



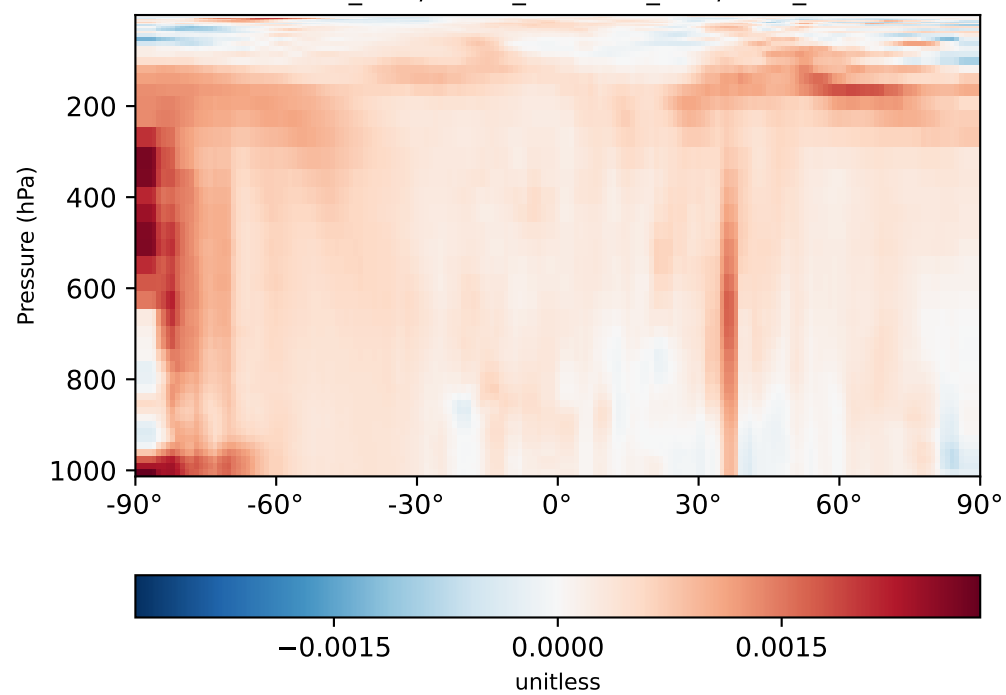
Difference (1x1.25)
Dev - Ref, Dynamic Range



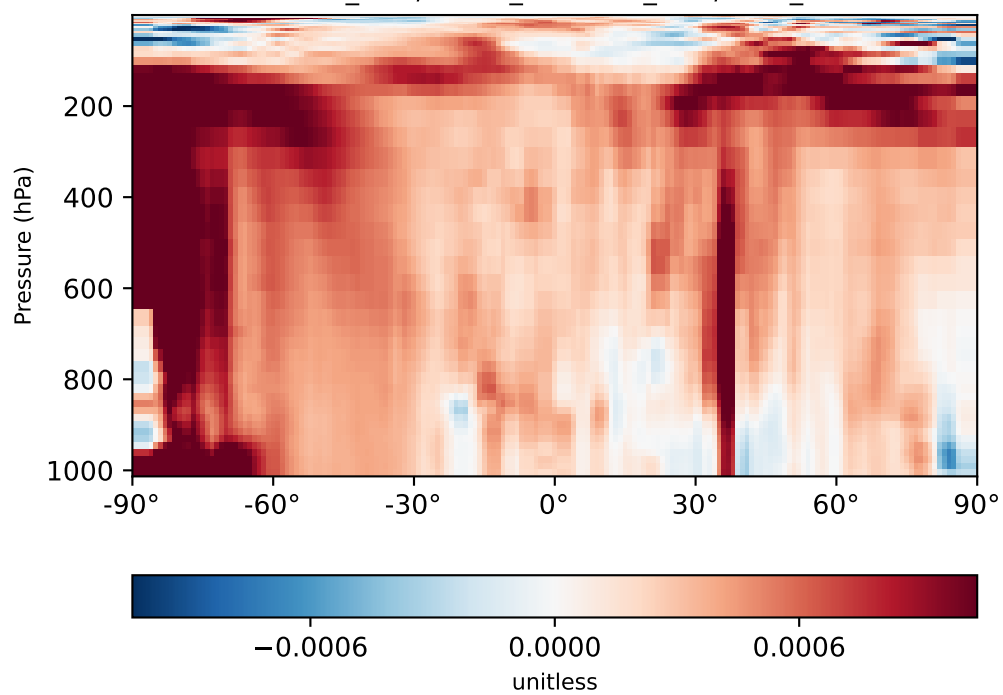
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

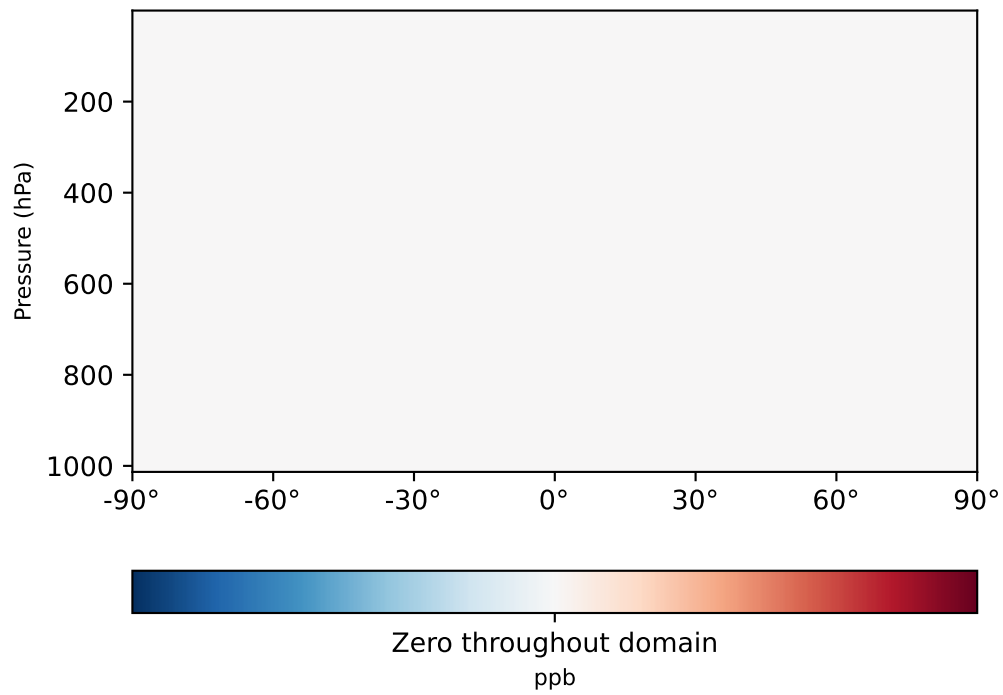


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

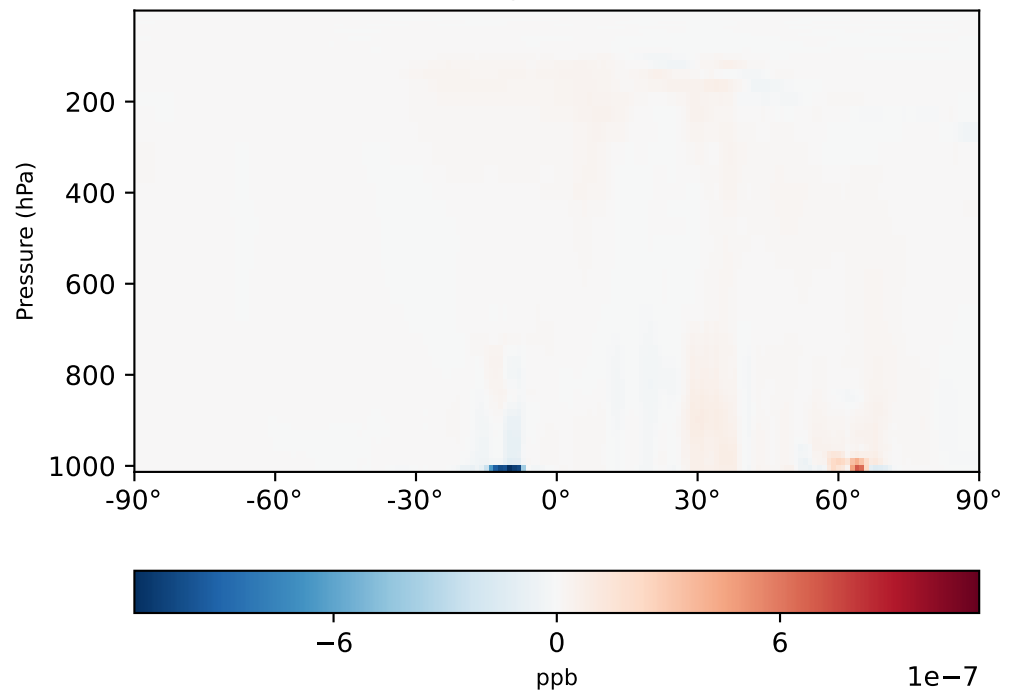


SpeciesConcVV_NPHEN, Zonal Mean

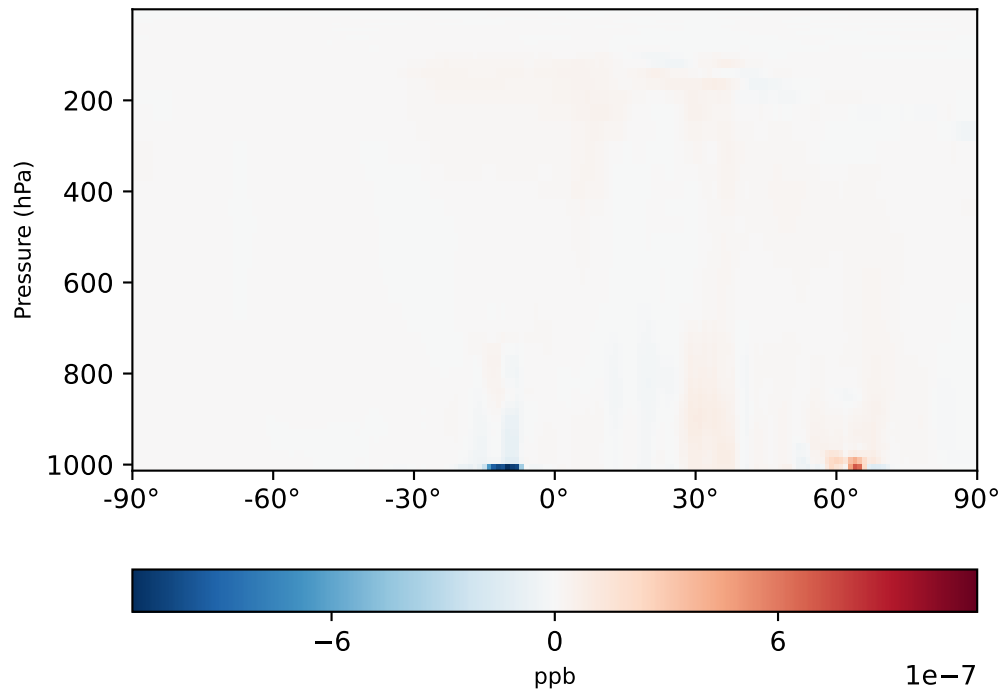
gcc-4x5-1Mon-14.7.0-alpha.12_- gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



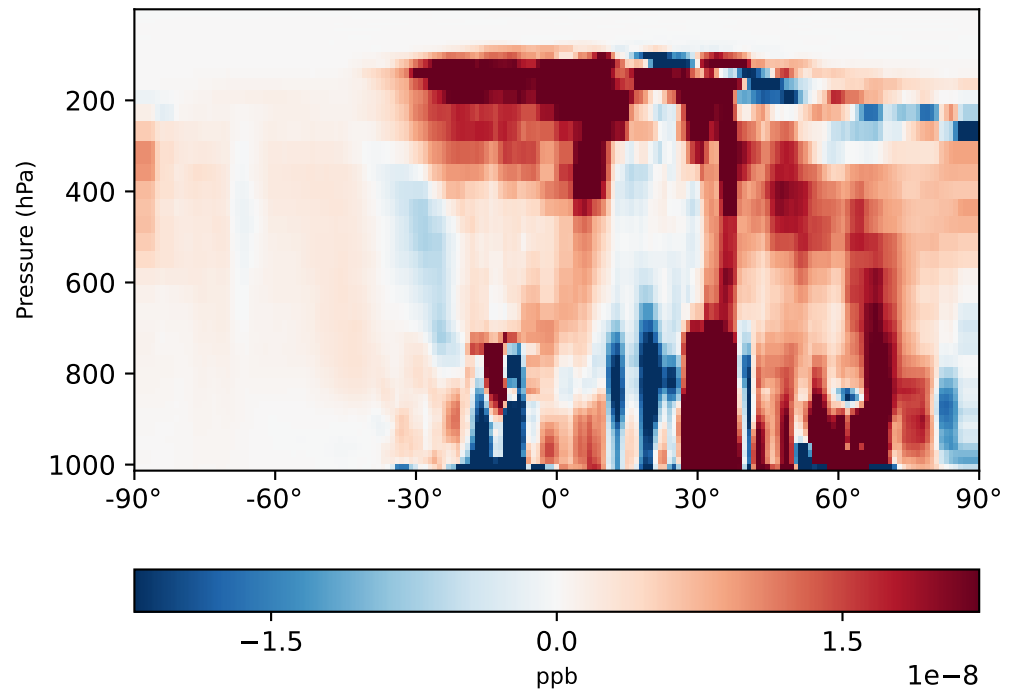
gchp-c24-1Mon-14.7.0-alpha.12_- gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



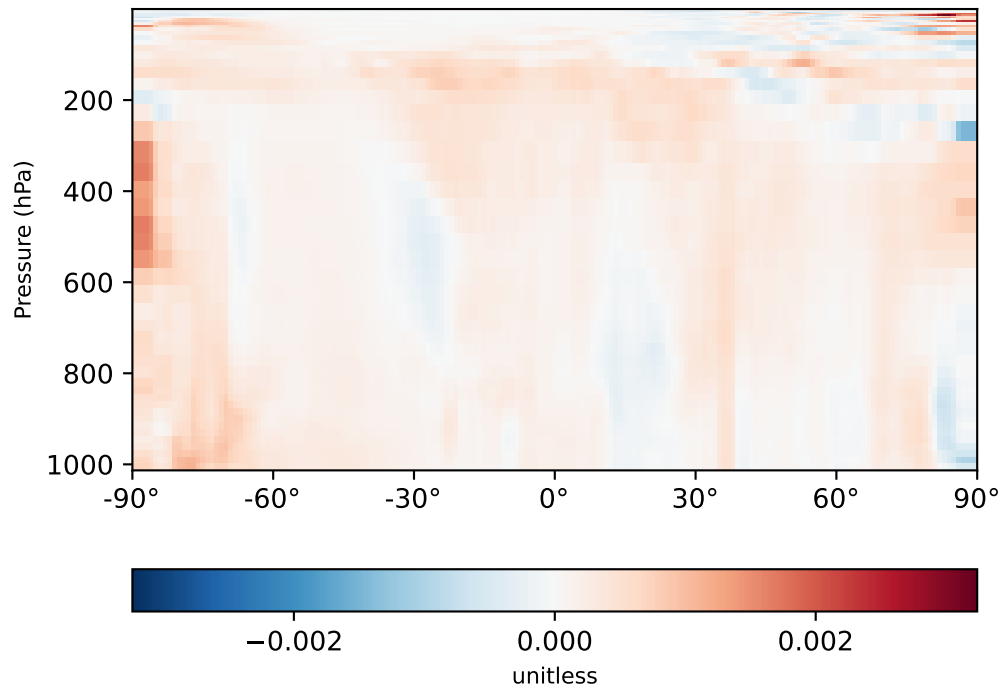
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

