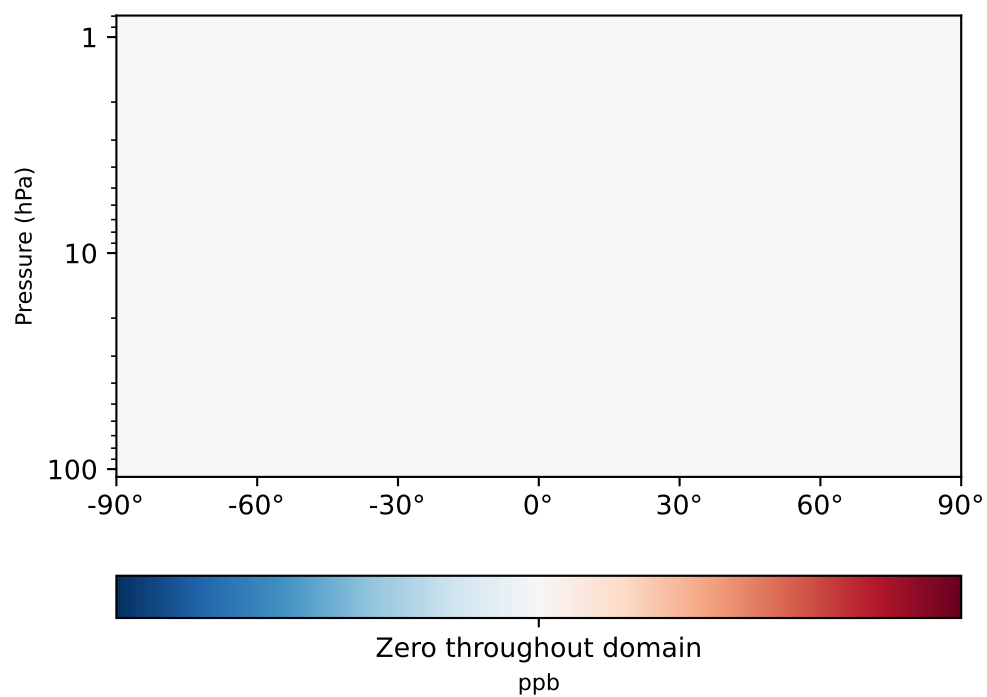
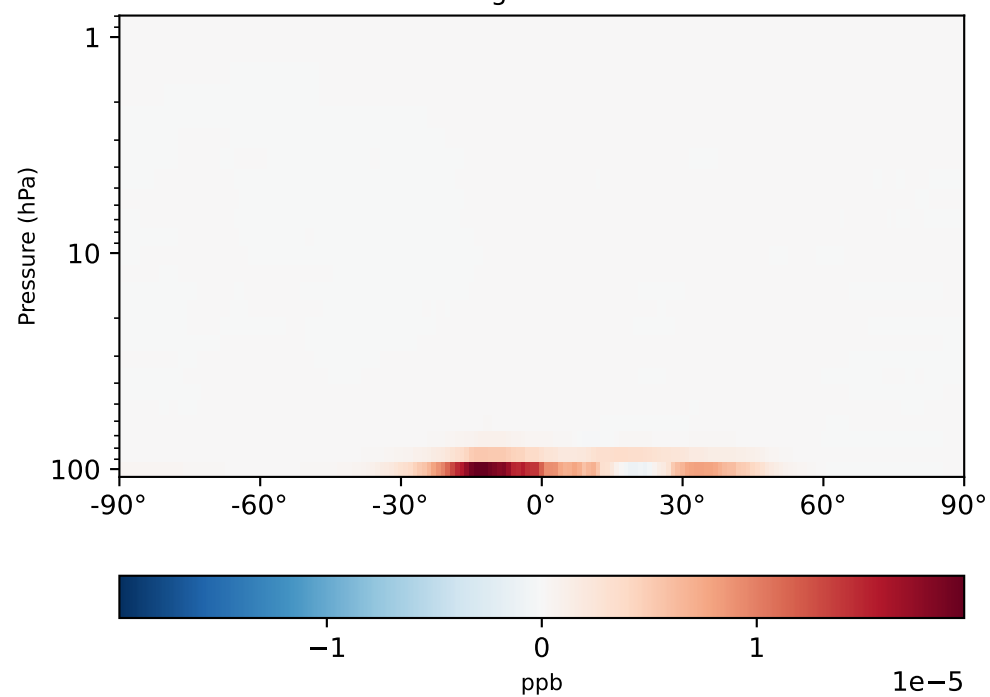


SpeciesConcVV_DST1, Zonal Mean

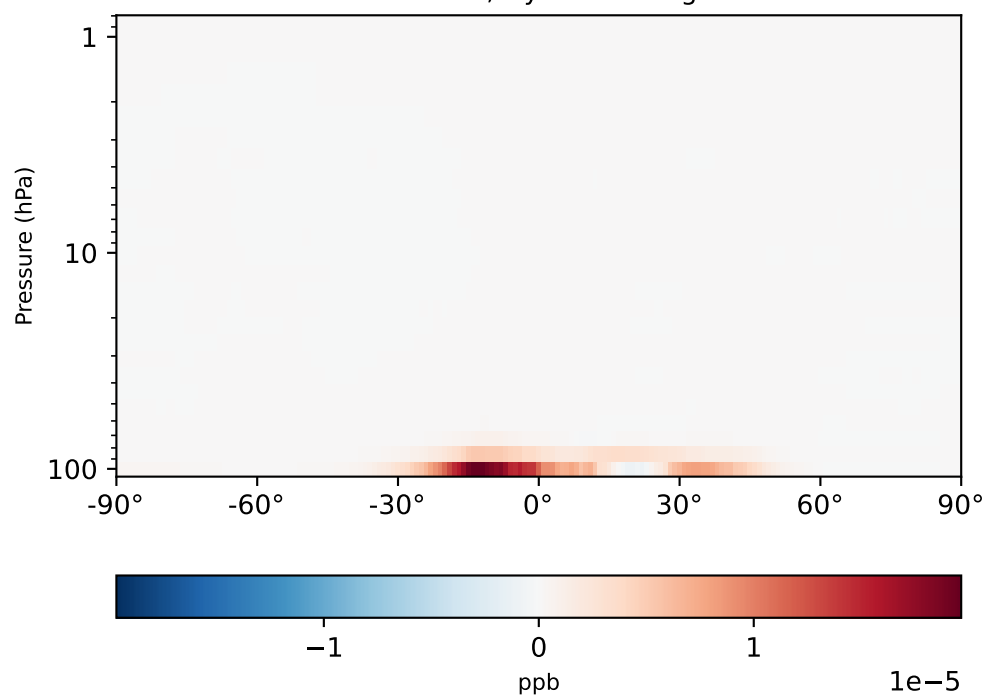
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



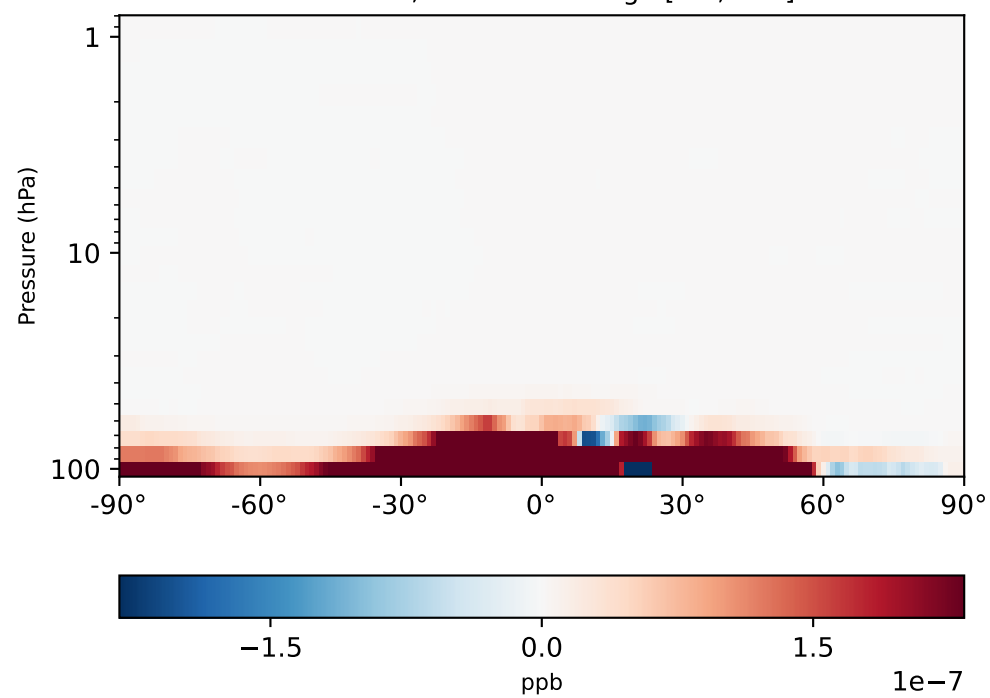
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



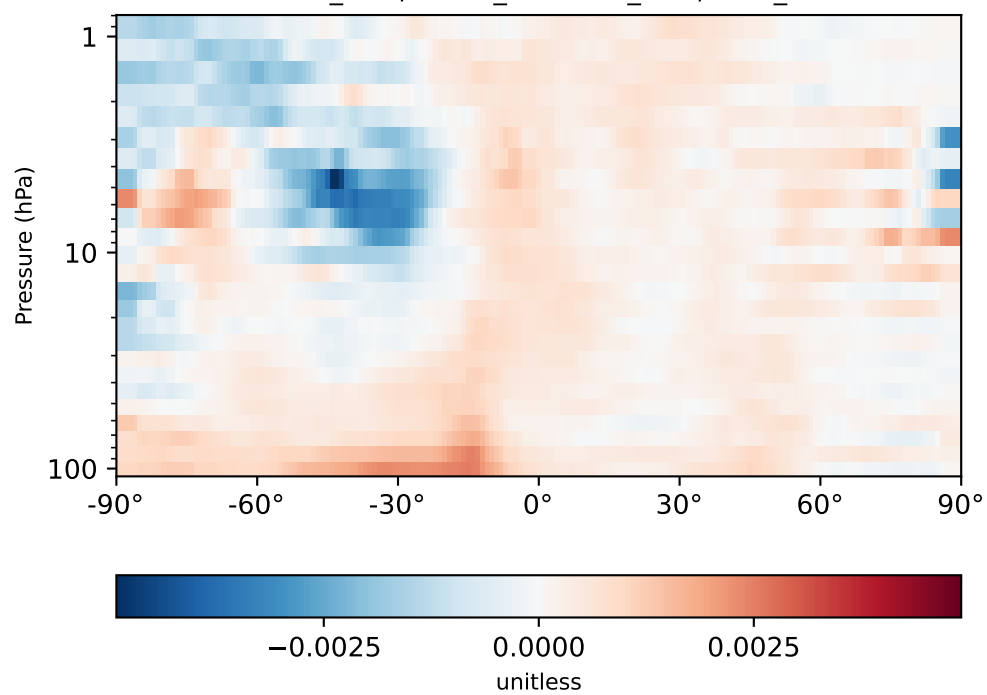
Difference (1x1.25)
Dev - Ref, Dynamic Range



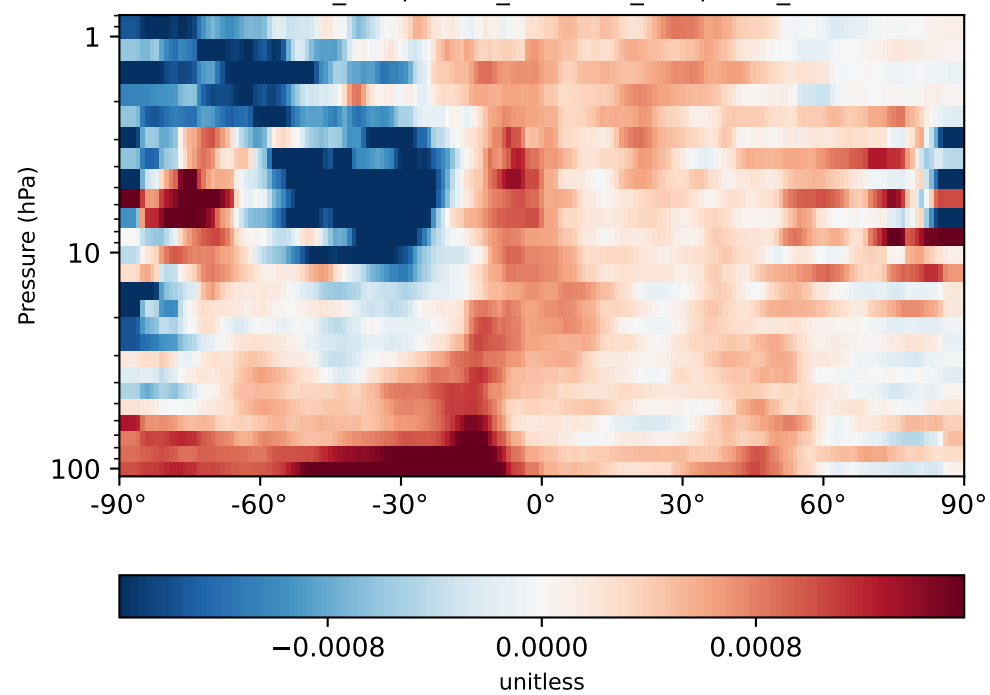
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

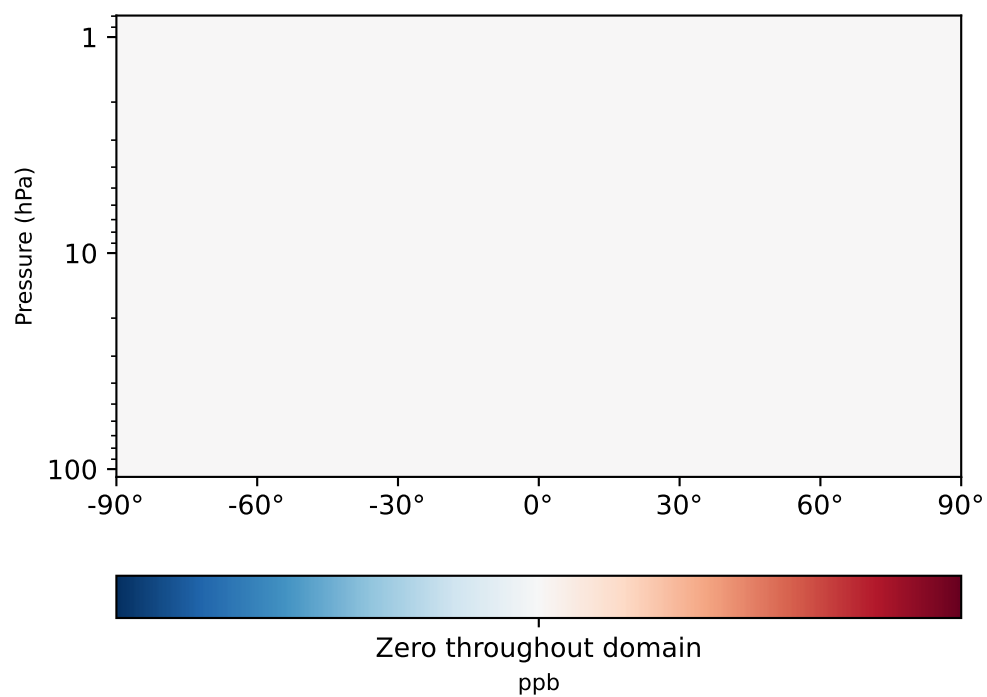


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

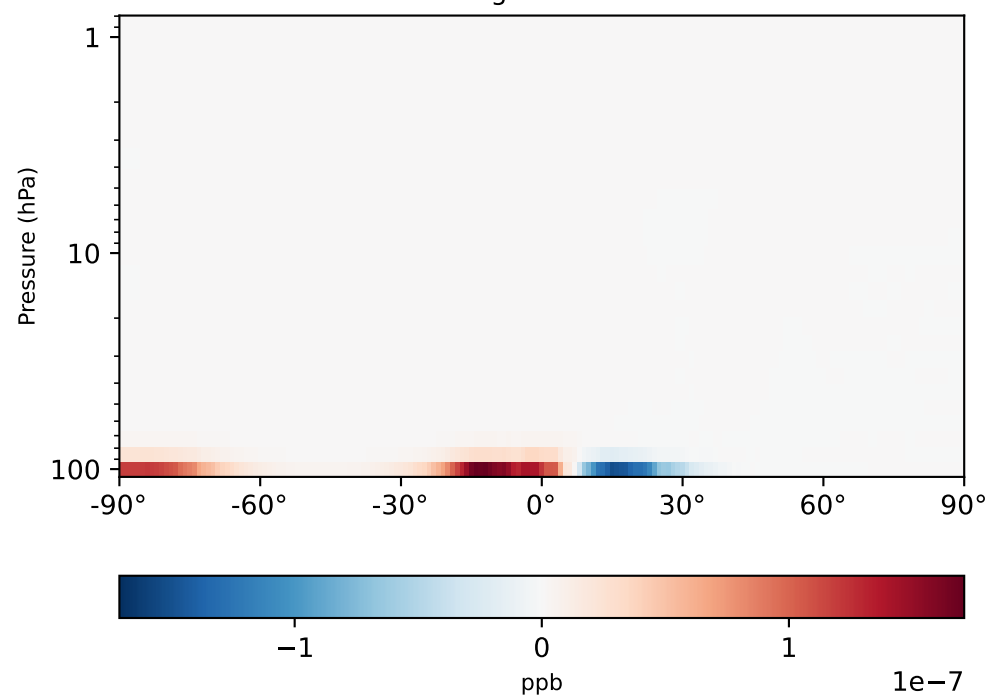


SpeciesConcVV_DST2, Zonal Mean

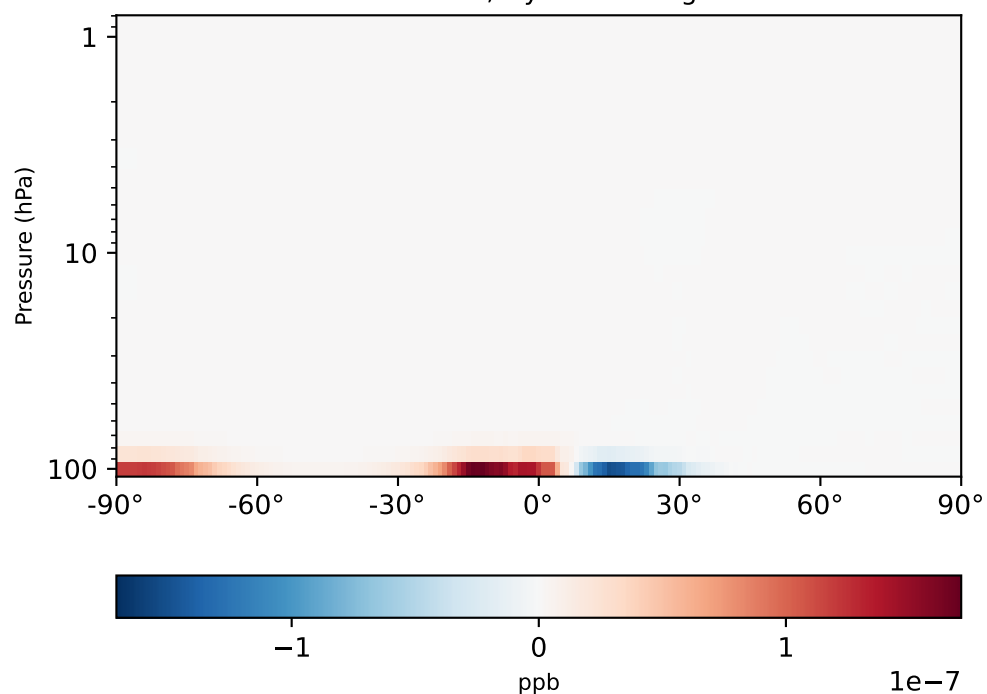
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



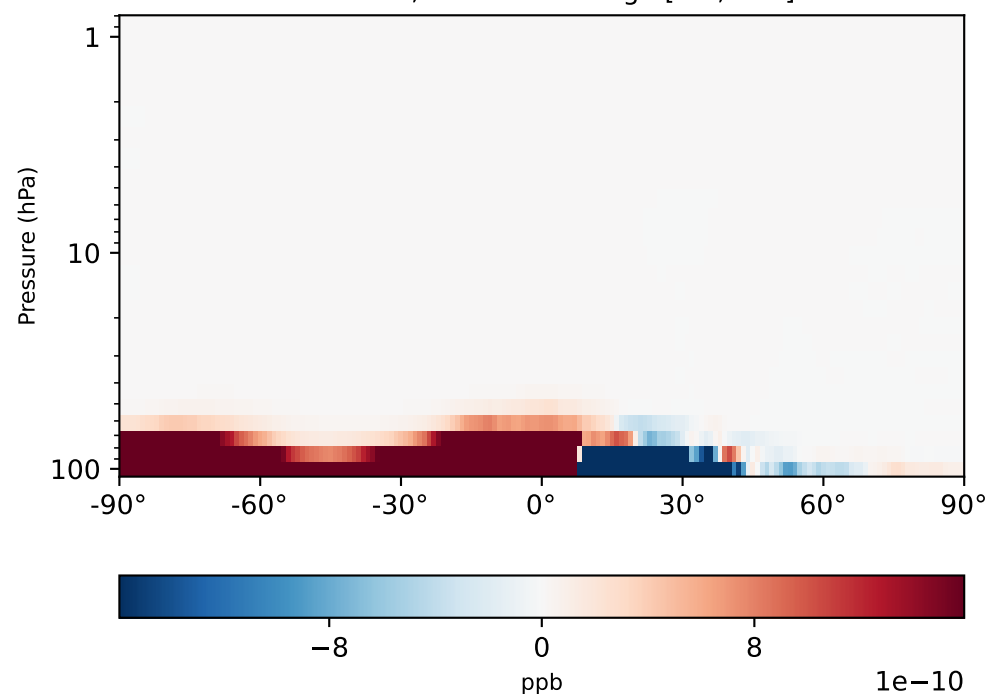
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



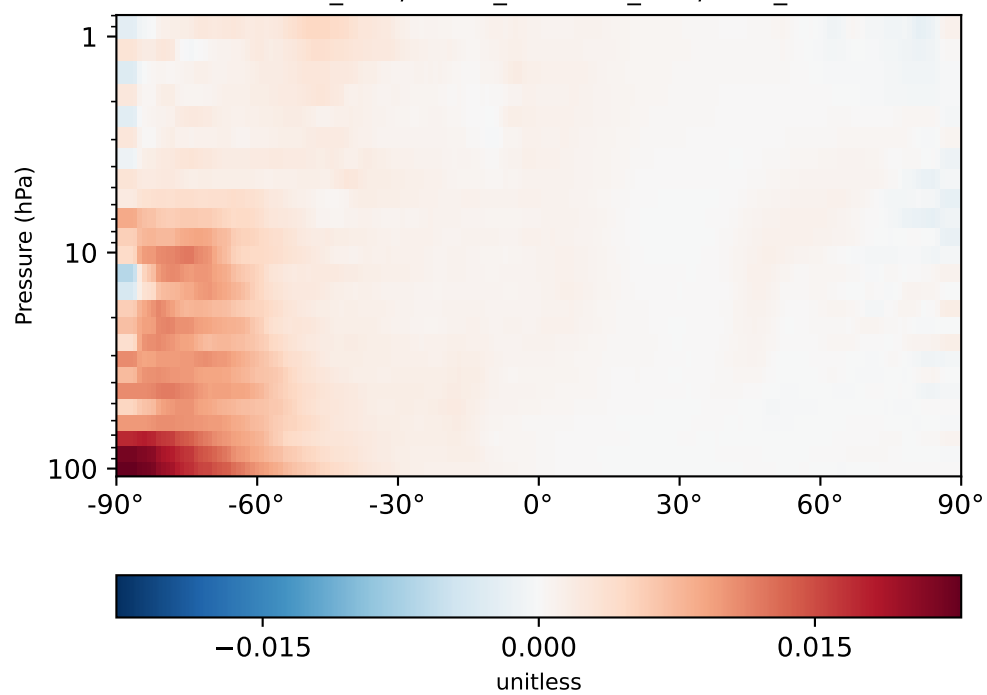
Difference (1x1.25)
Dev - Ref, Dynamic Range



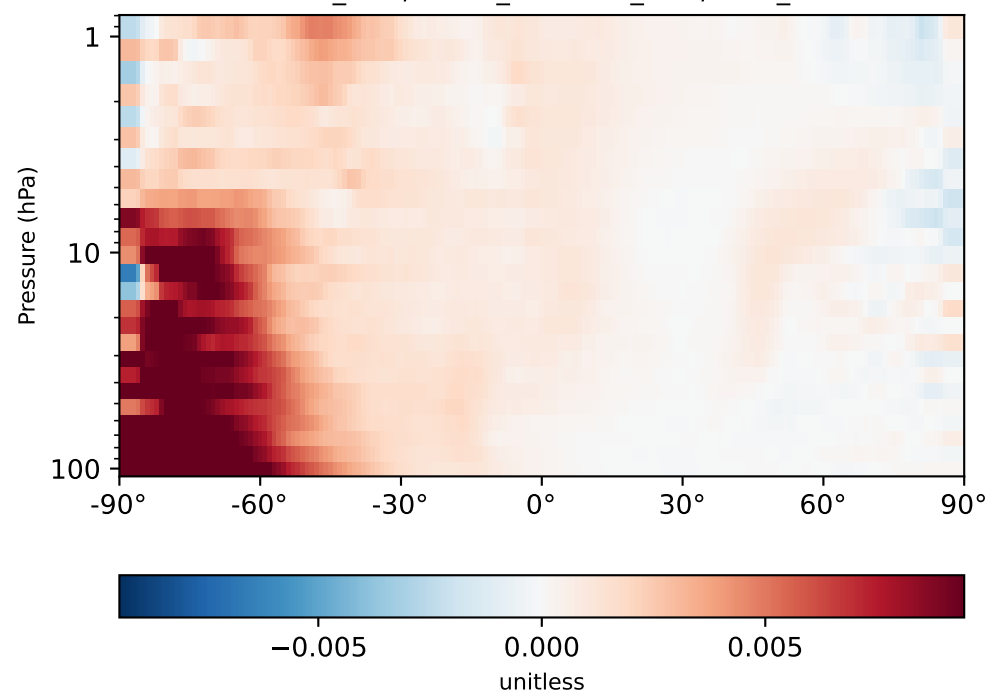
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

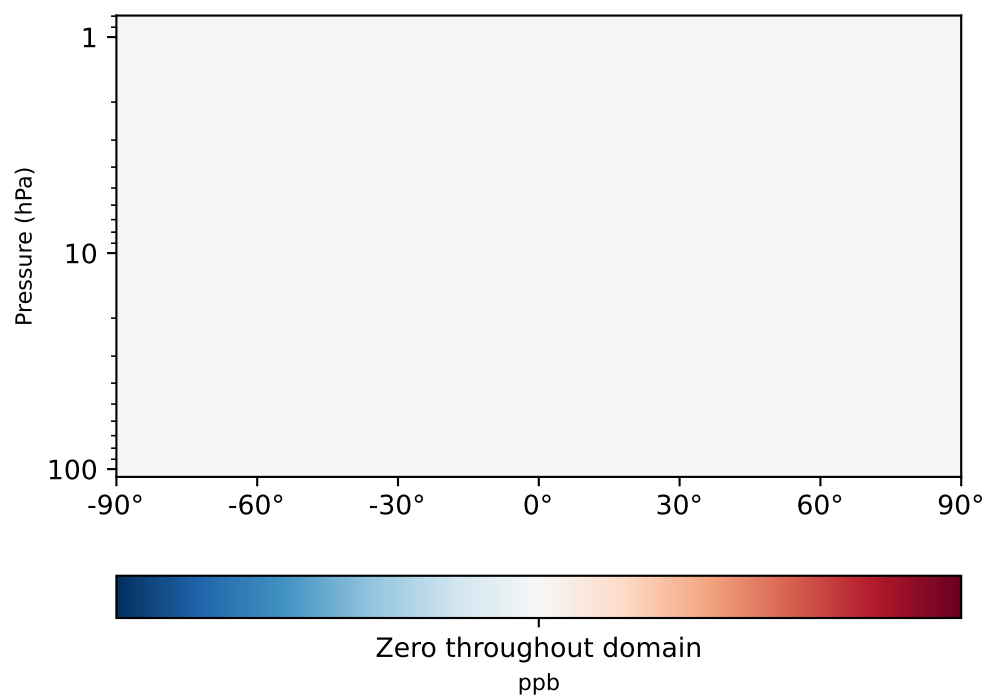


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

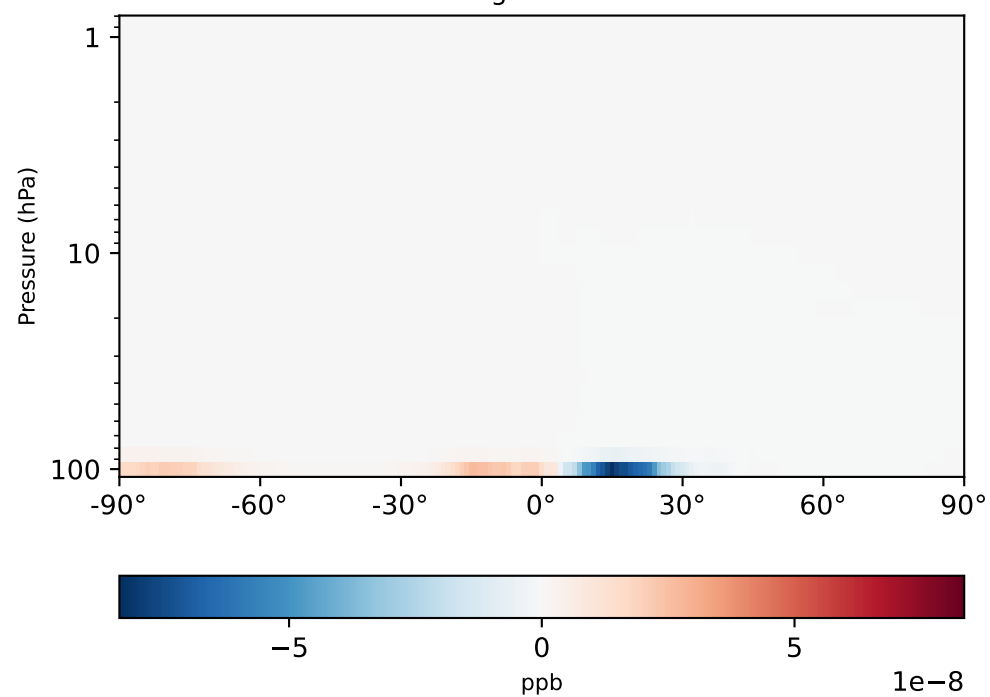


SpeciesConcVV_DST3, Zonal Mean

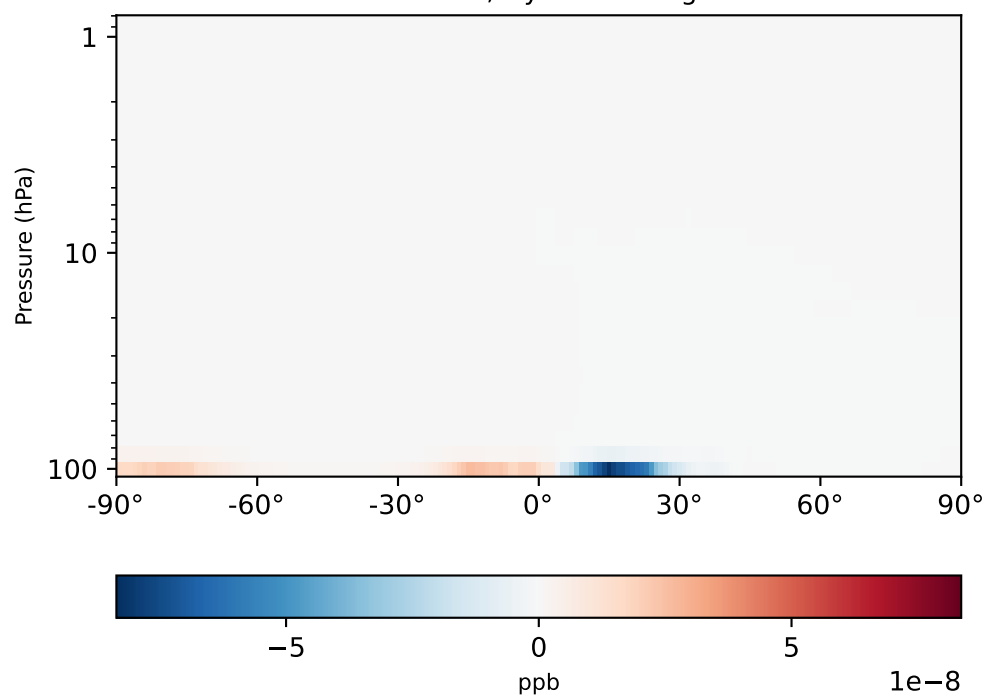
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



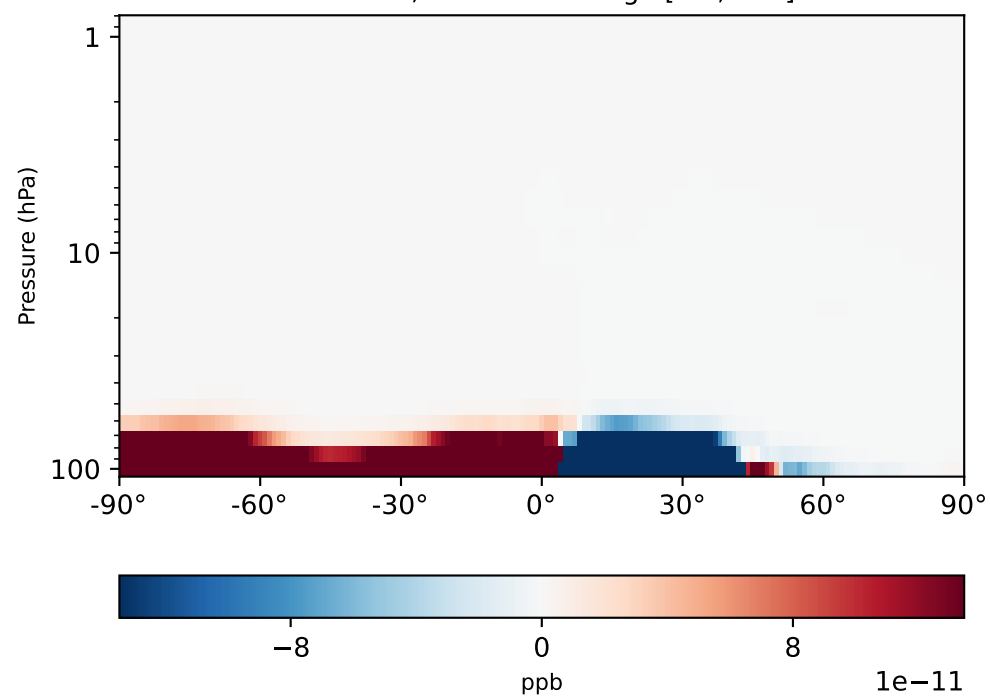
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



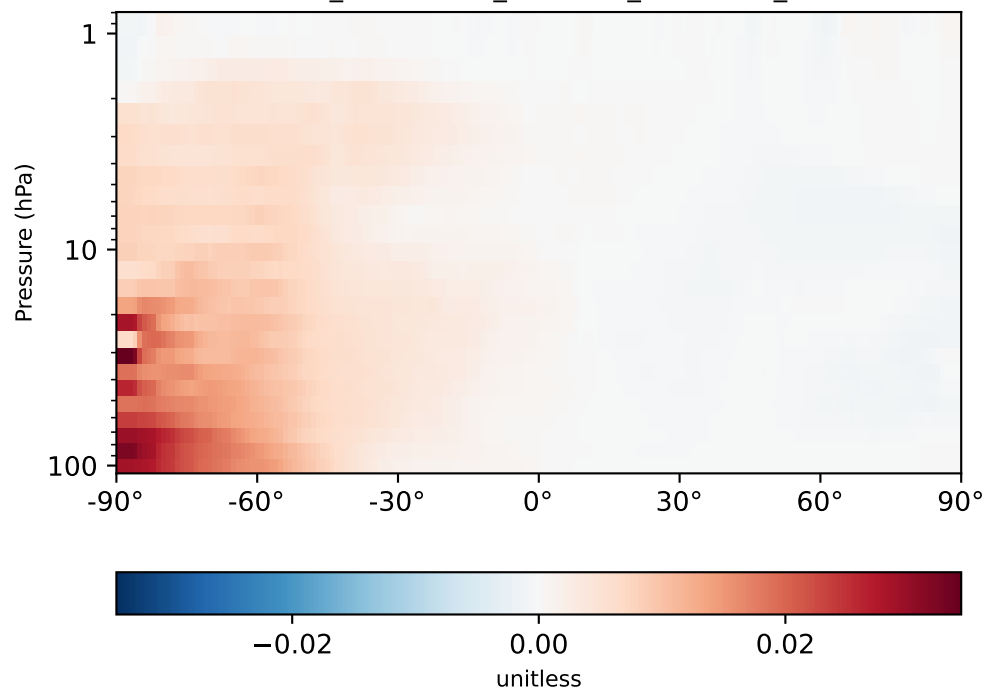
Difference (1x1.25)
Dev - Ref, Dynamic Range



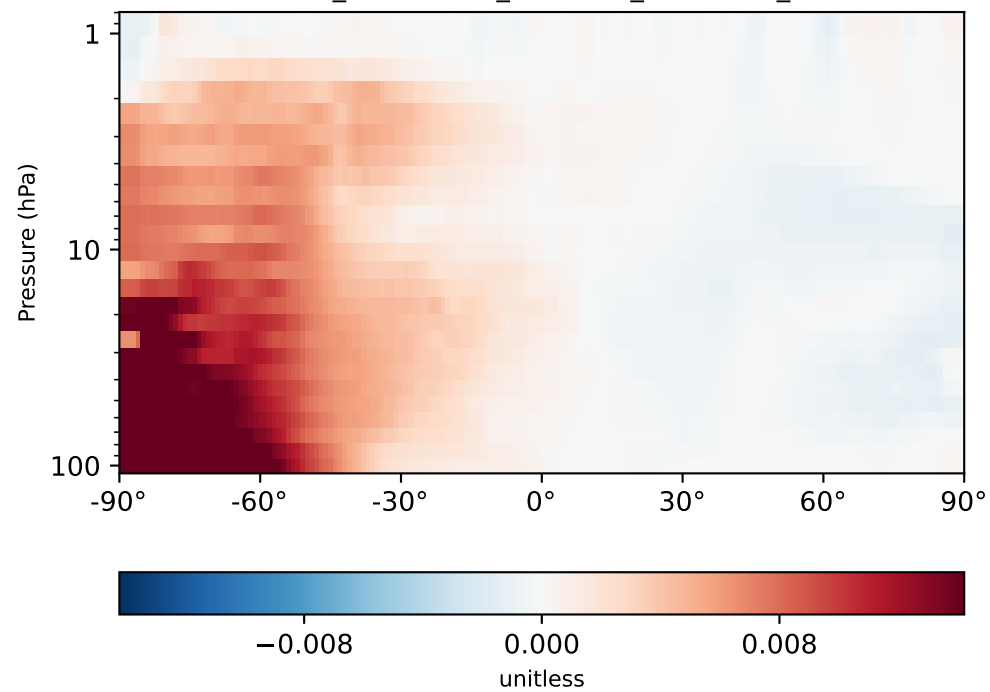
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

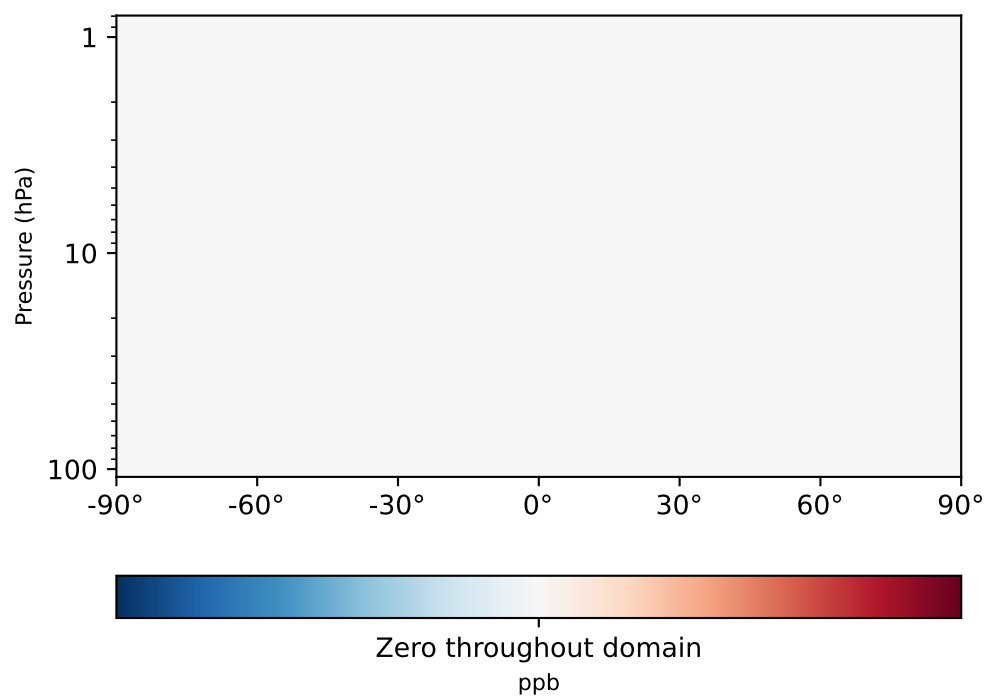


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

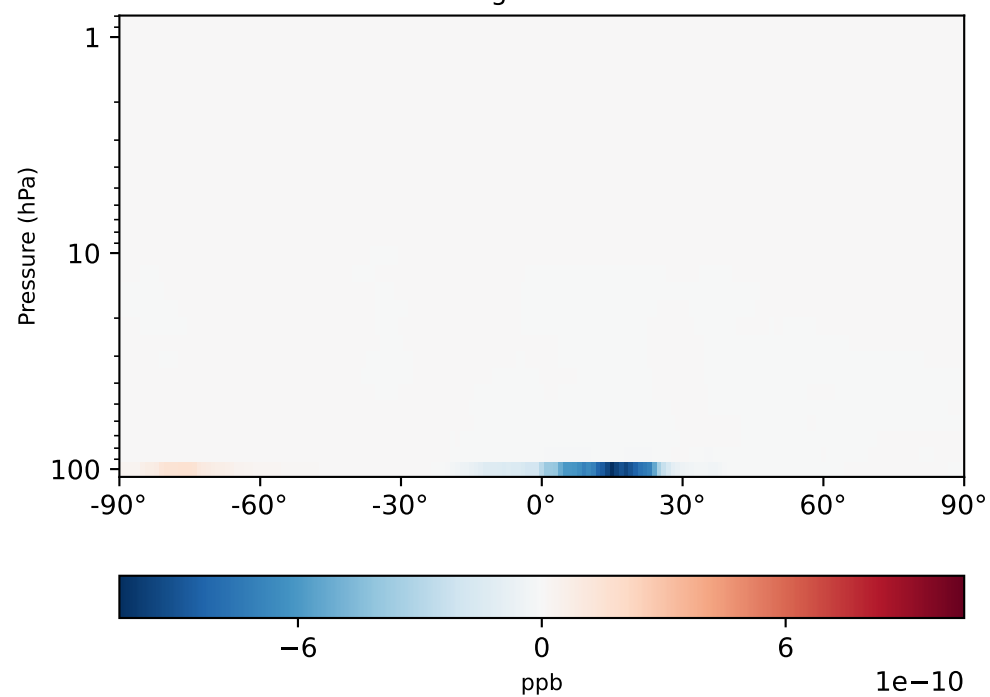


SpeciesConcVV_DST4, Zonal Mean

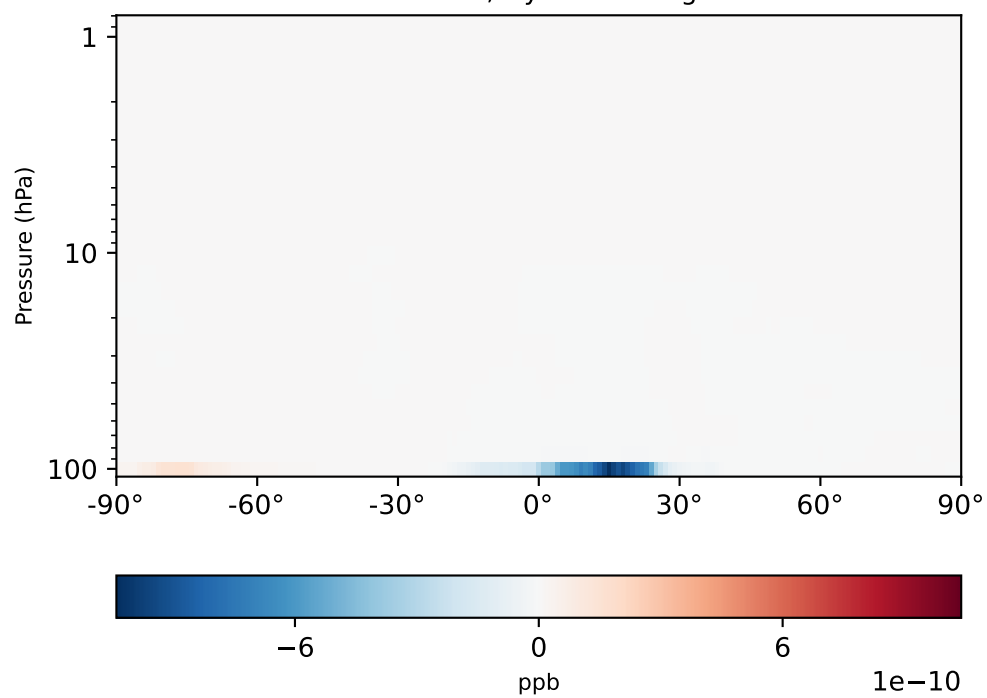
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



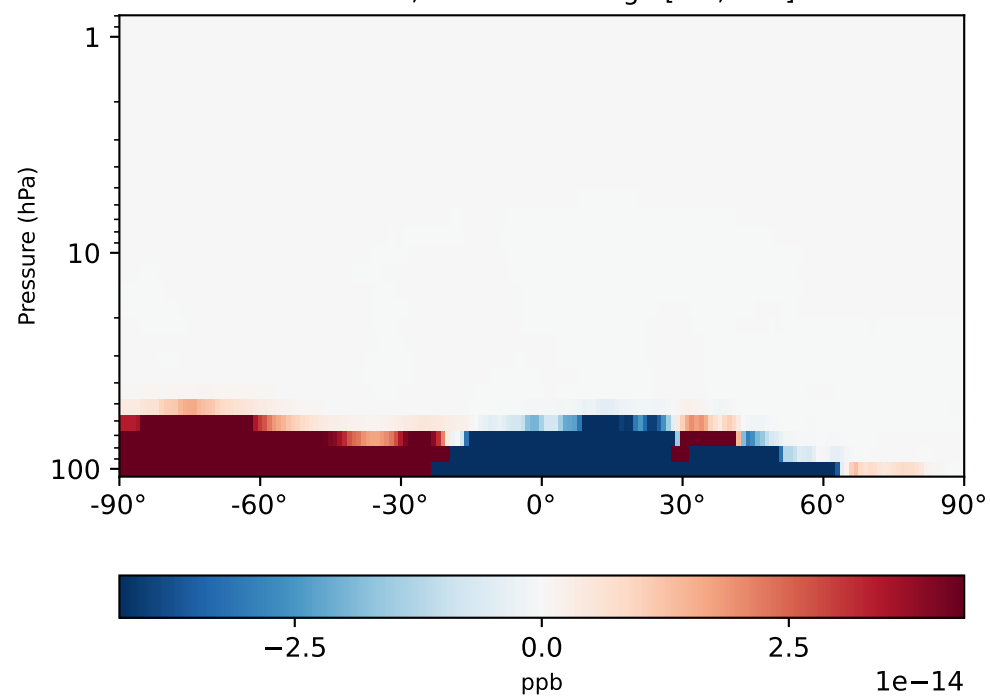
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



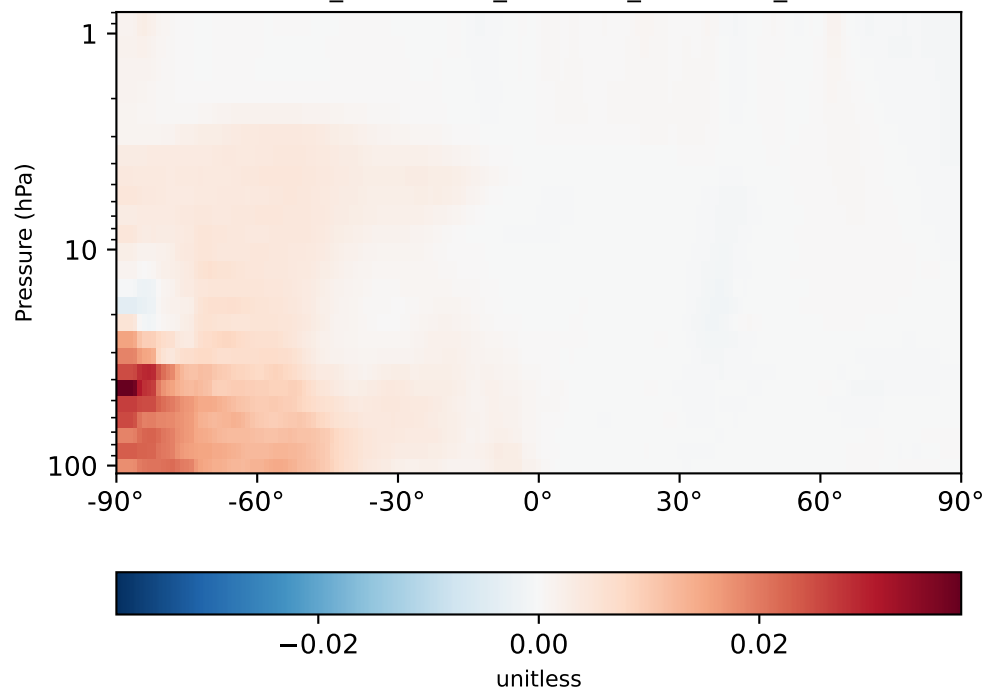
Difference (1x1.25)
Dev - Ref, Dynamic Range



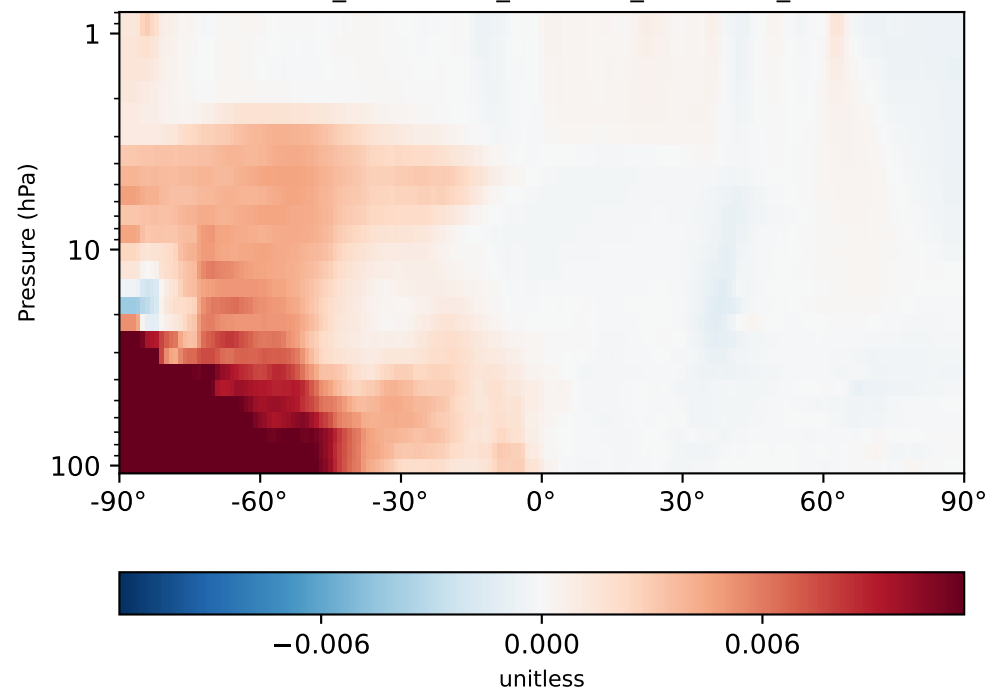
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

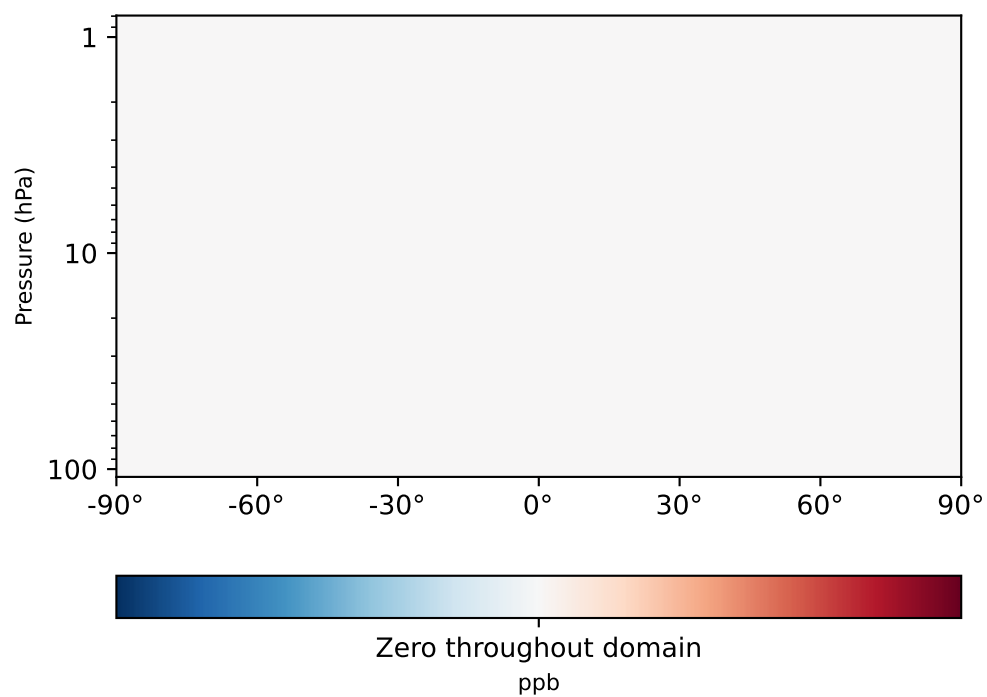


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

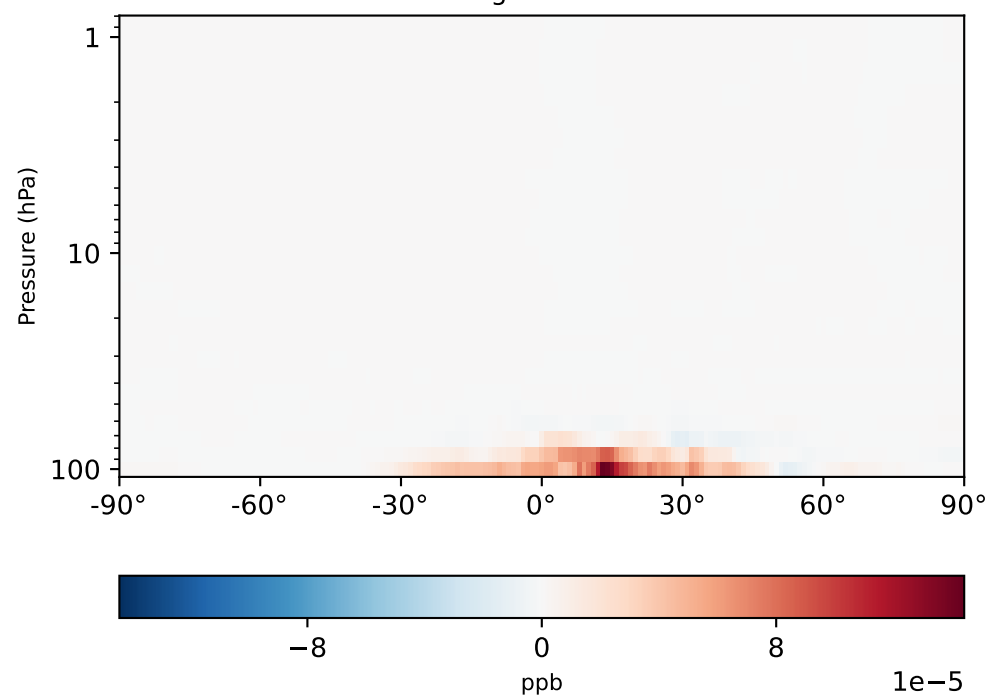


SpeciesConcVV_NH4, Zonal Mean

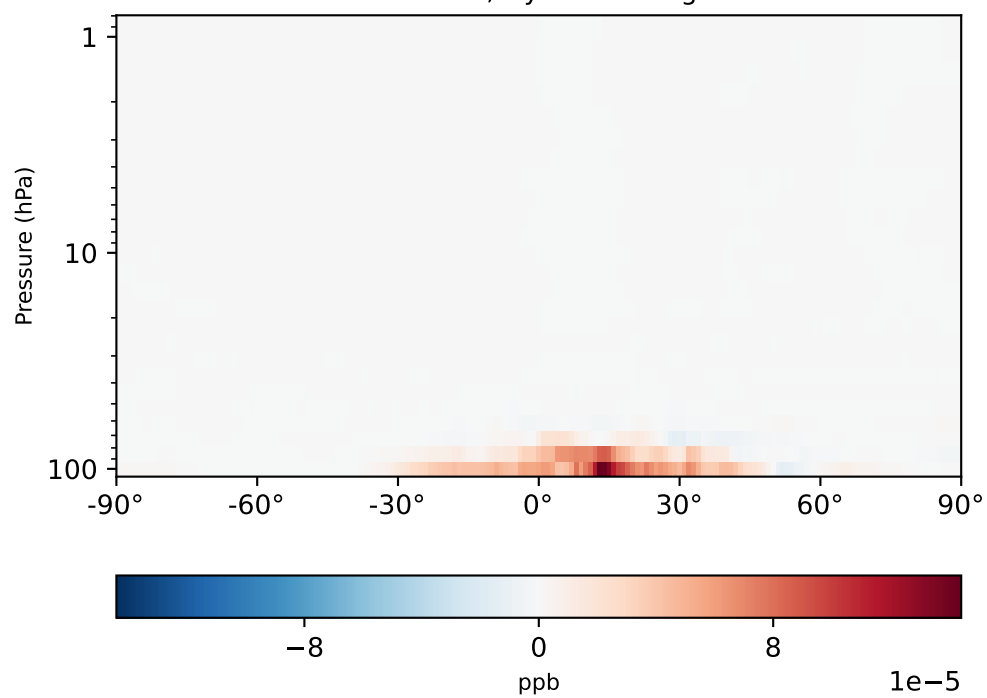
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



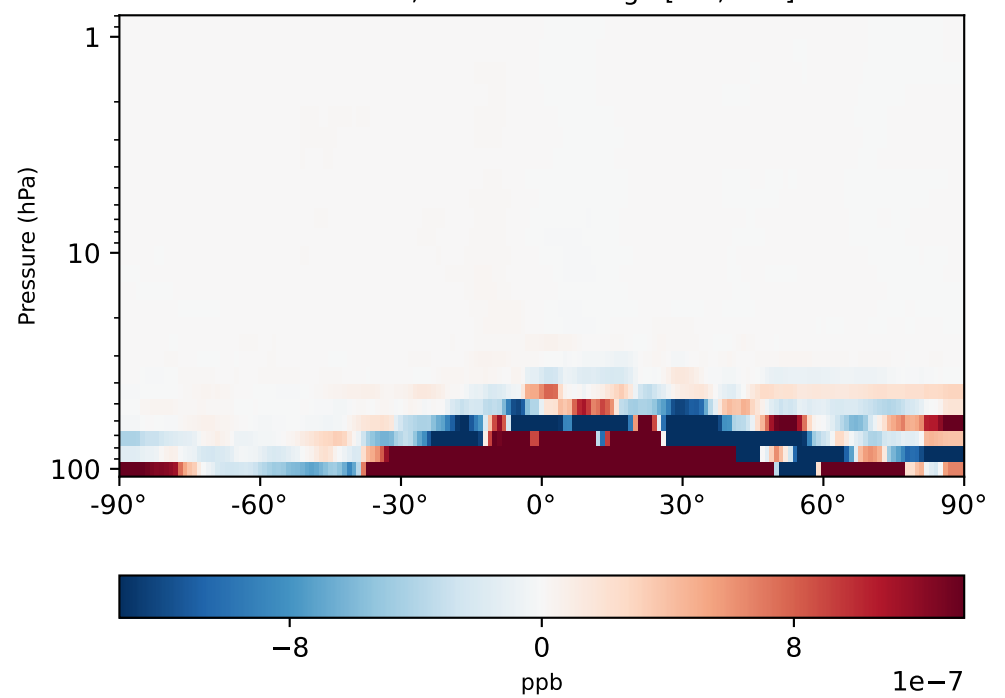
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



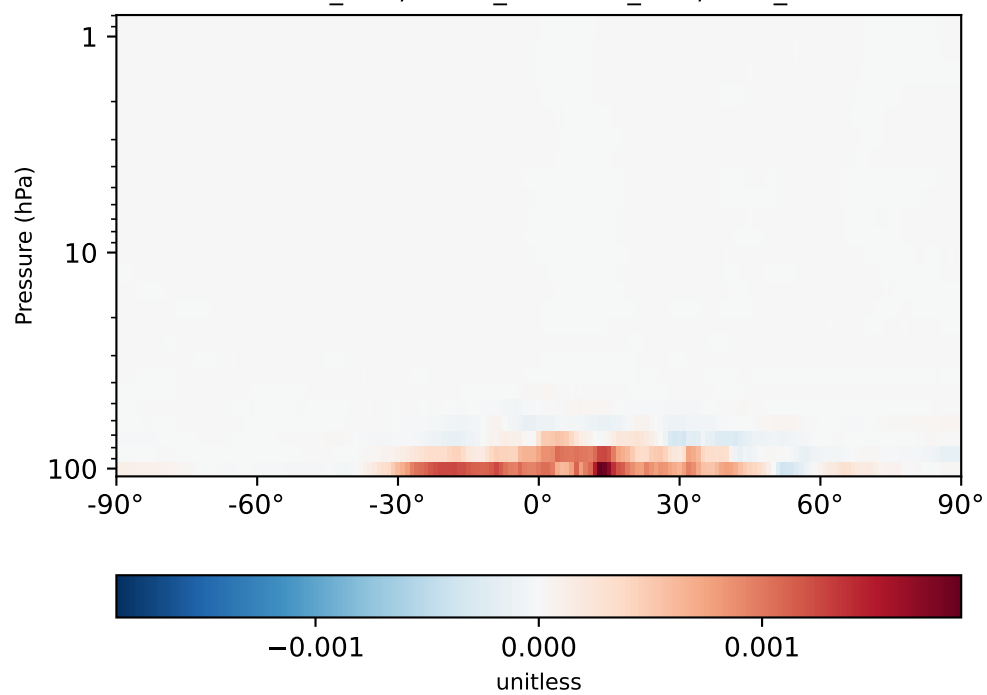
Difference (1x1.25)
Dev - Ref, Dynamic Range



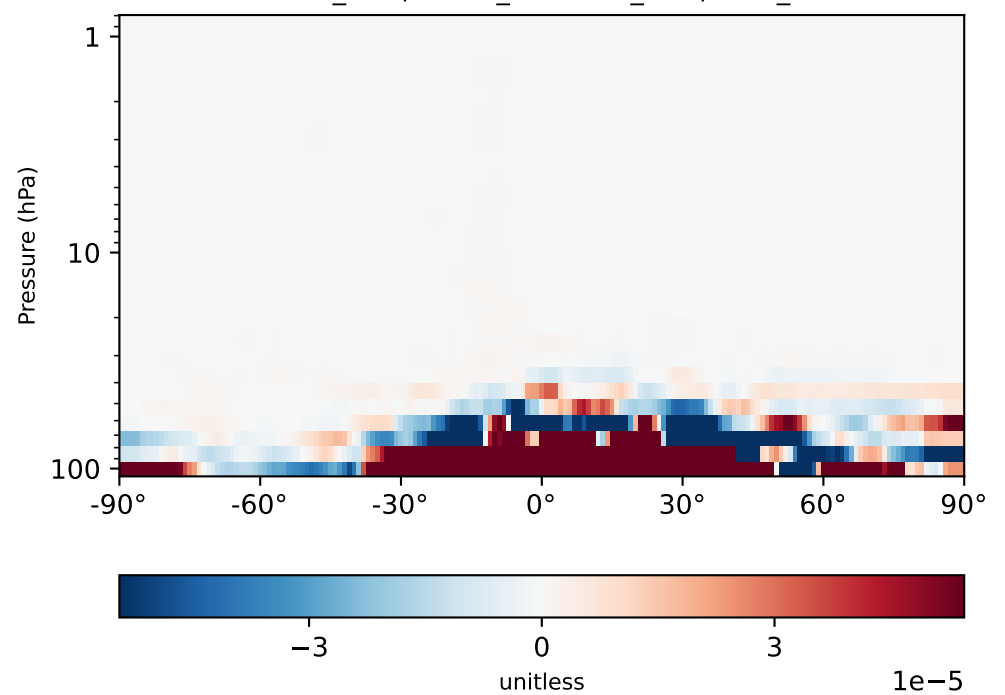
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



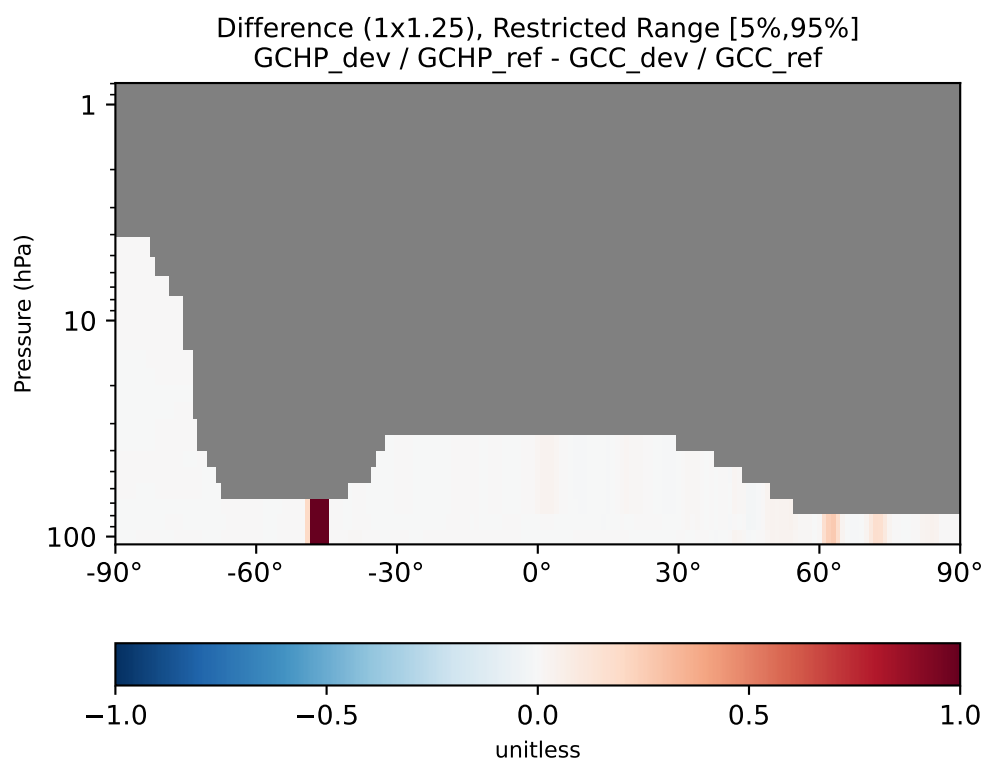
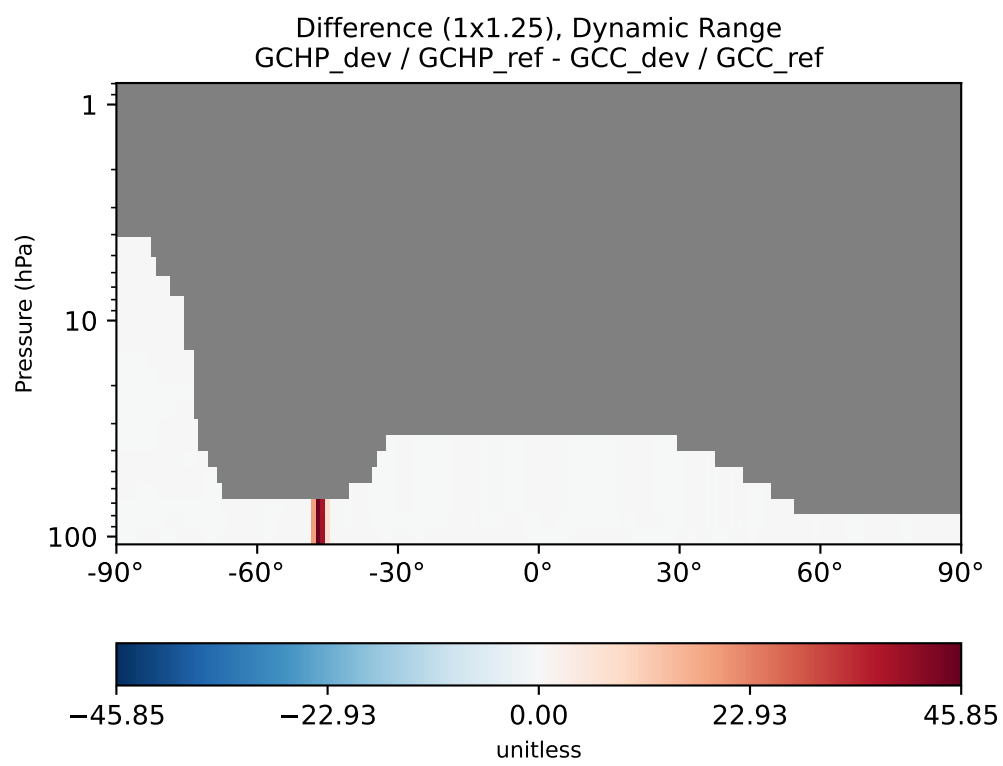
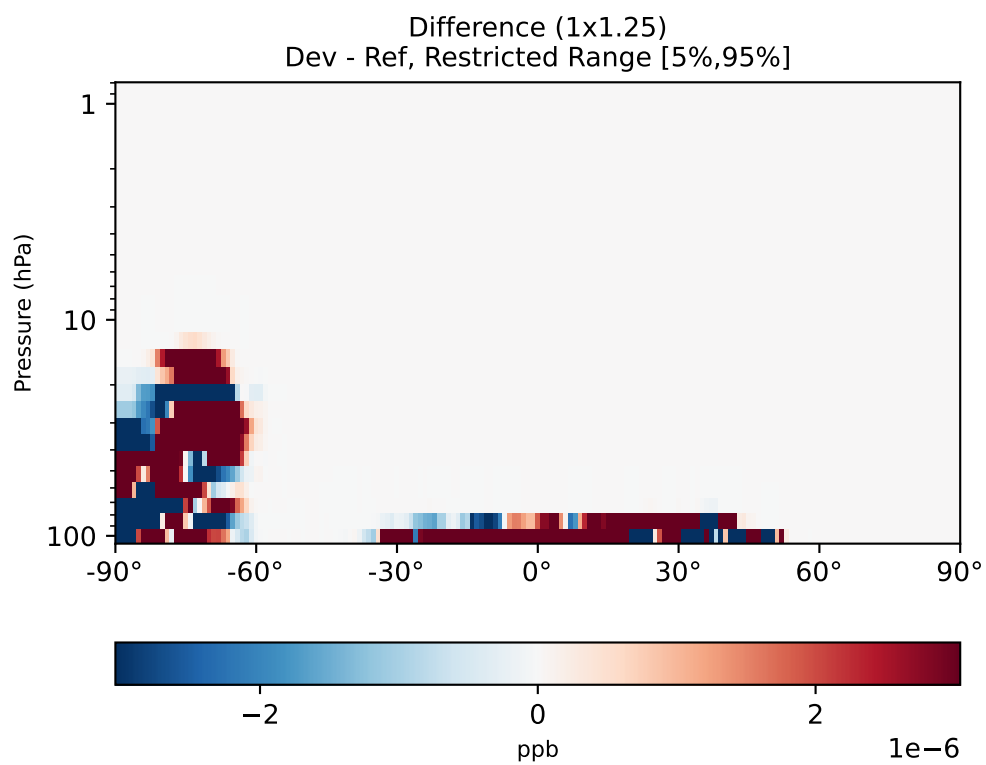
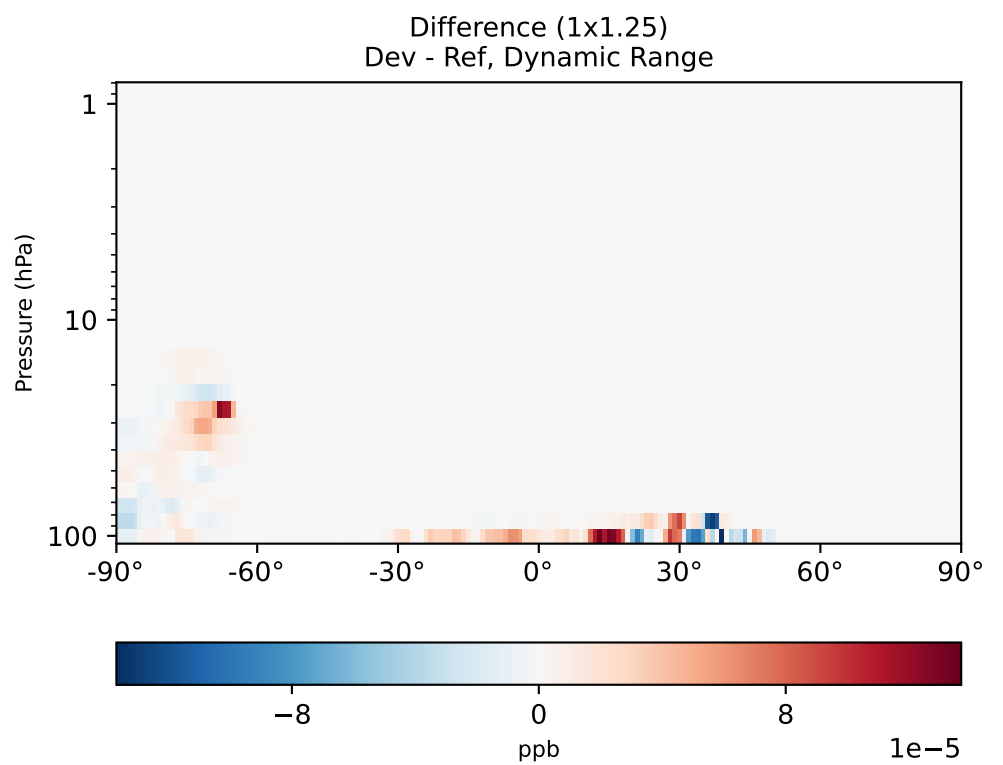
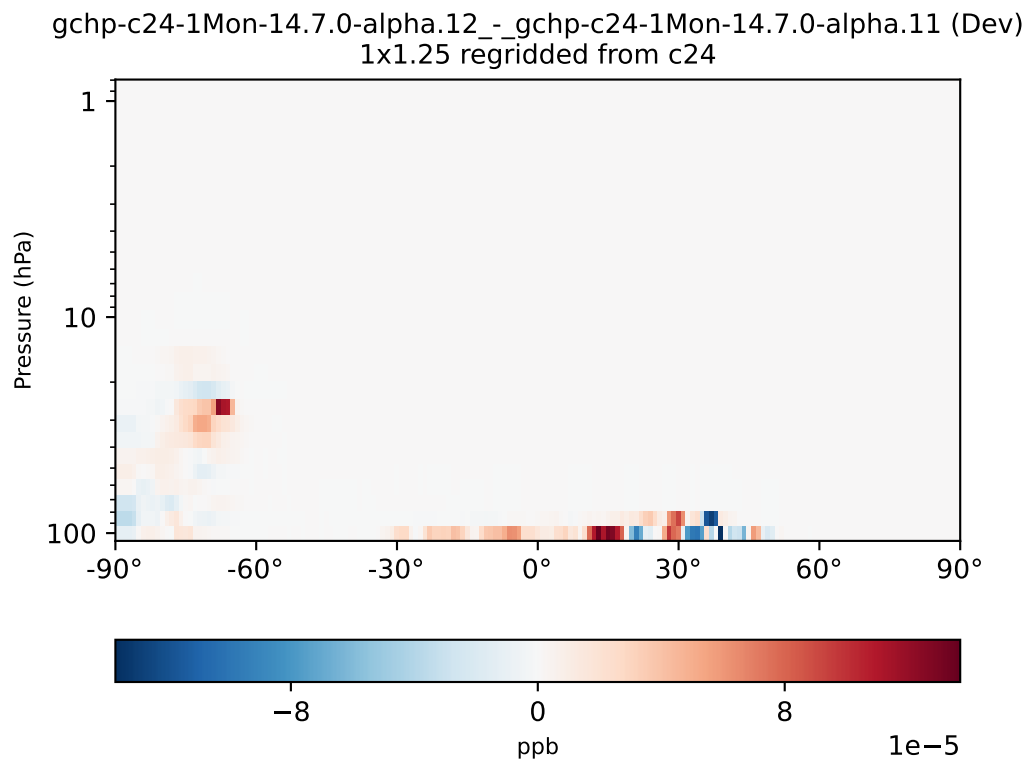
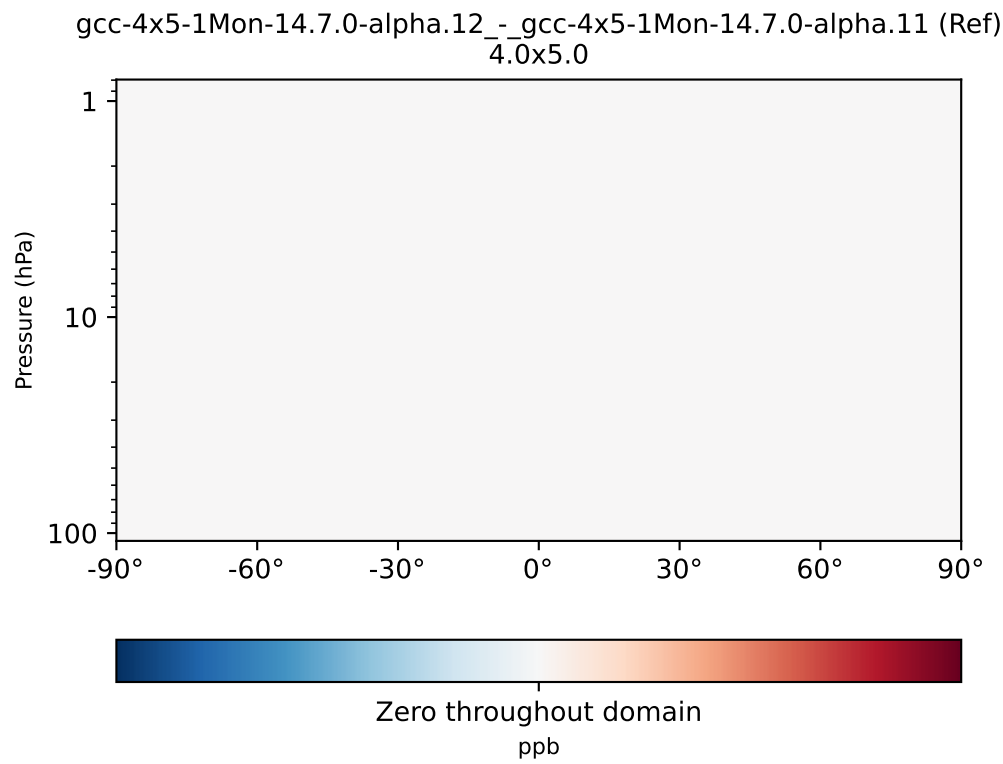
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

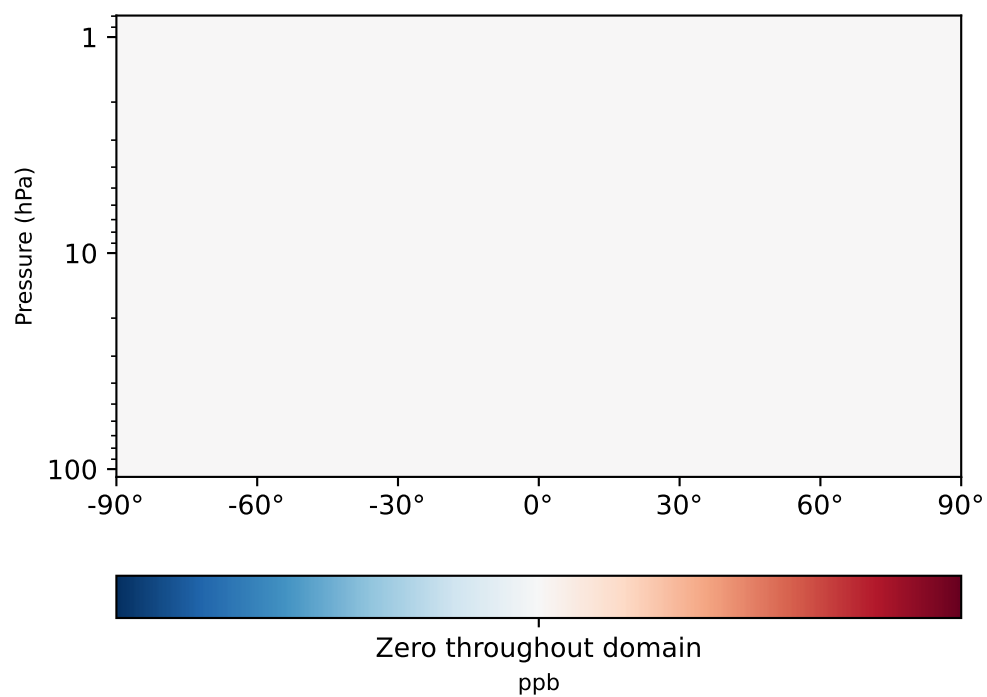


SpeciesConcVV_NIT, Zonal Mean

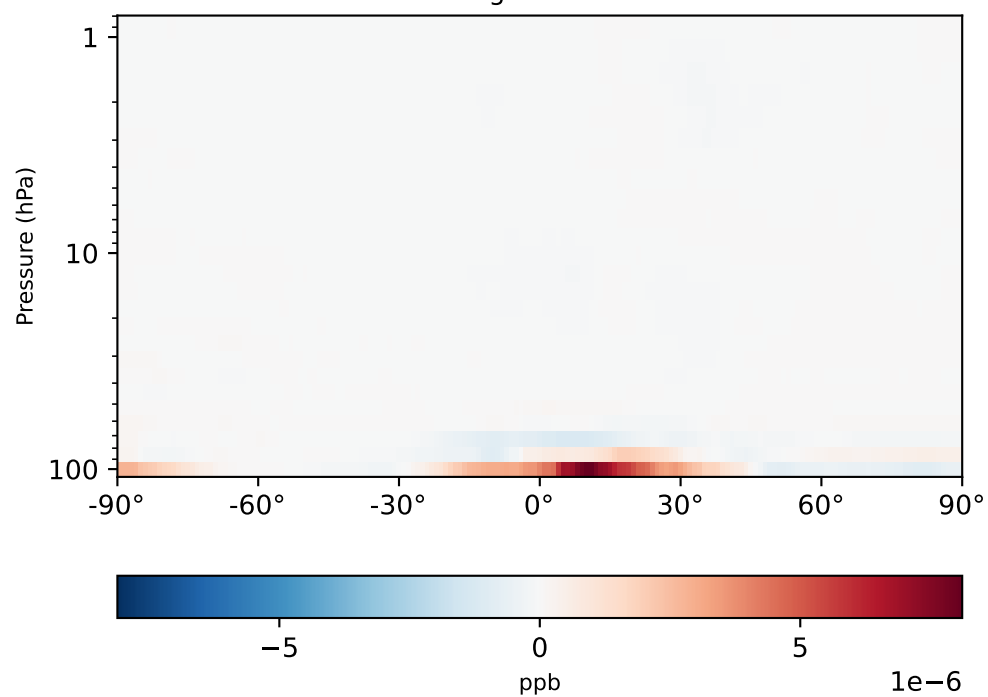


SpeciesConcVV_SO4, Zonal Mean

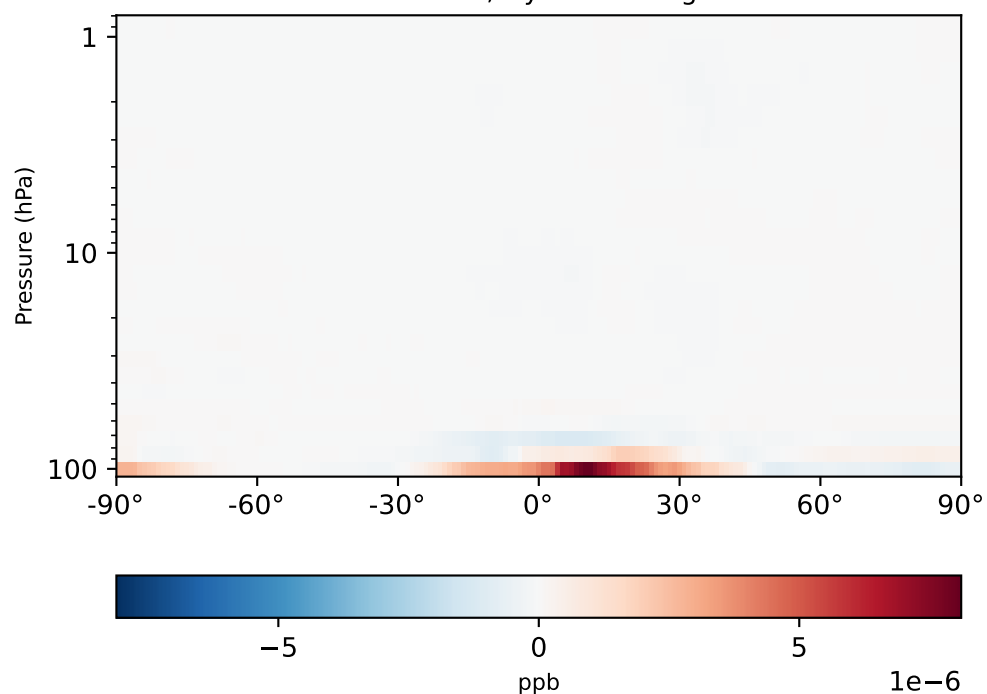
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



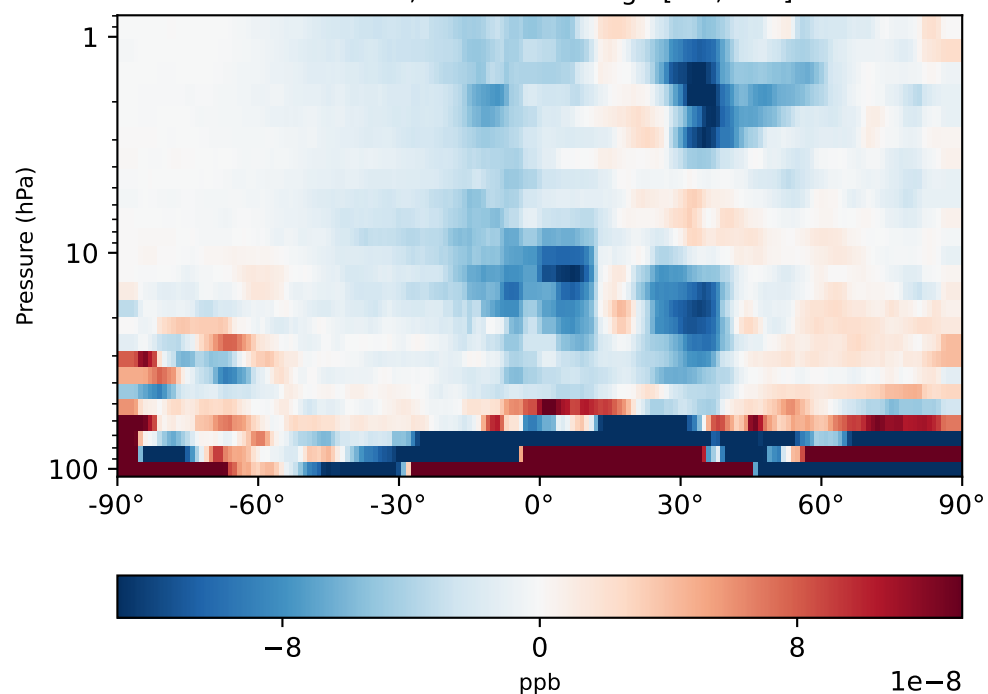
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



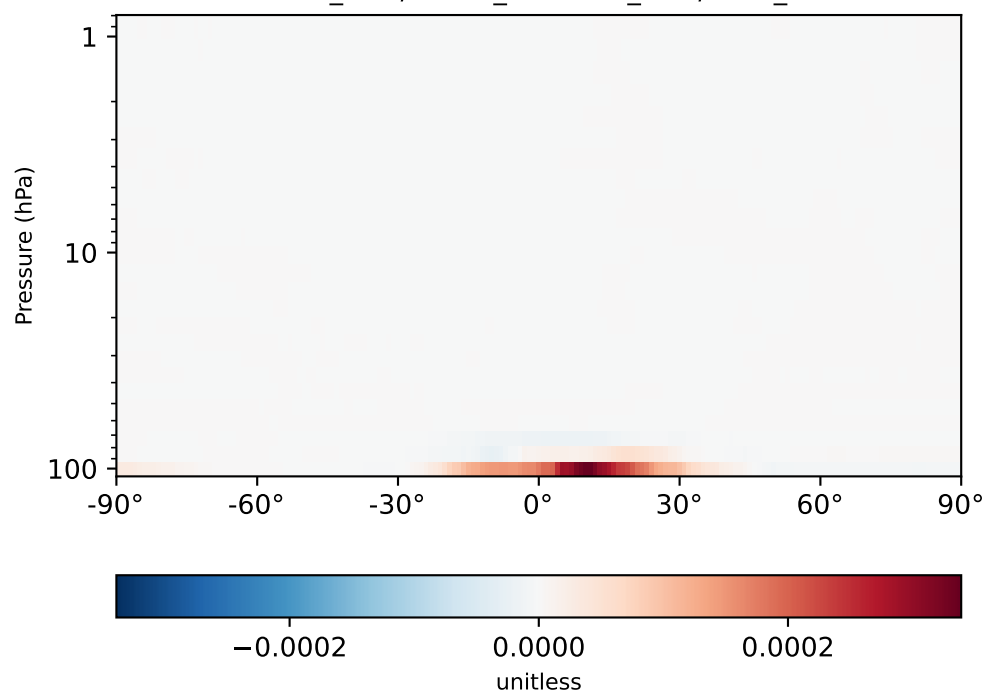
Difference (1x1.25)
Dev - Ref, Dynamic Range



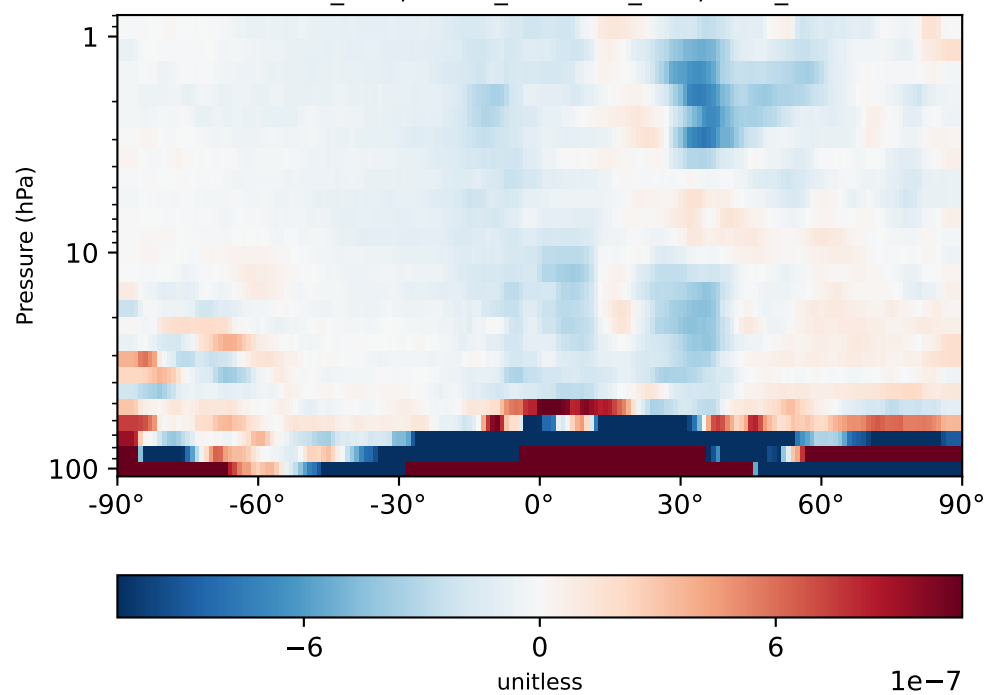
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

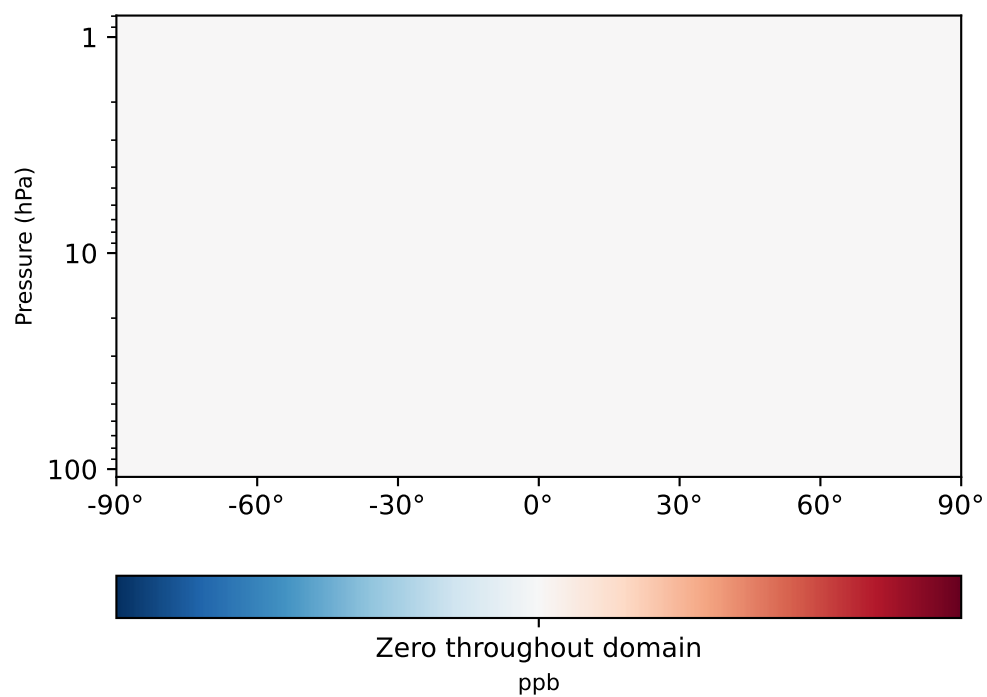


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

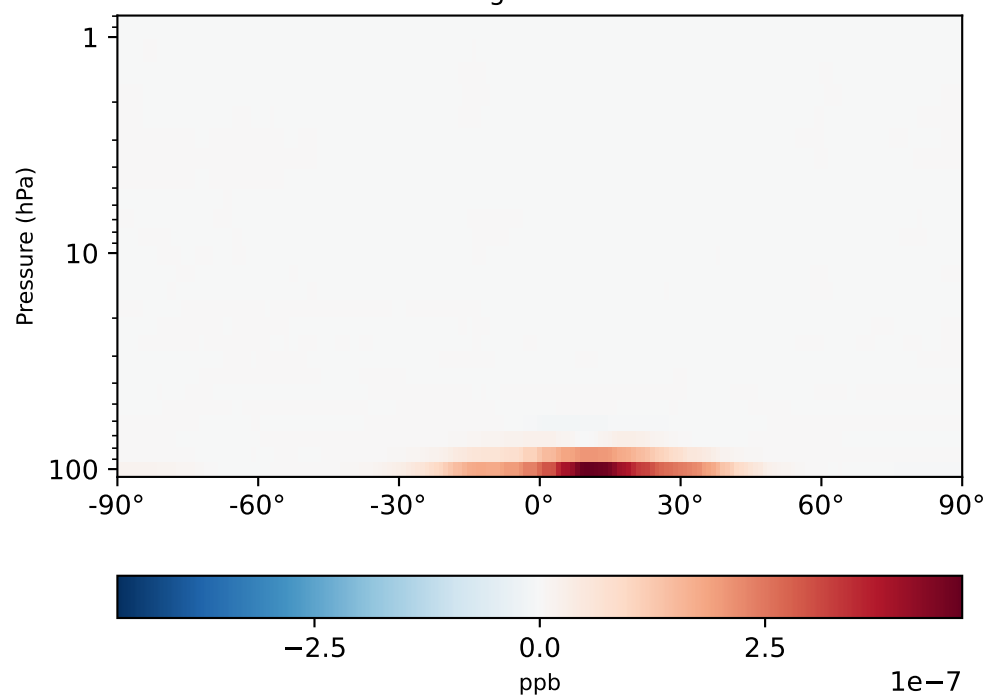


SpeciesConcVV_HMS, Zonal Mean

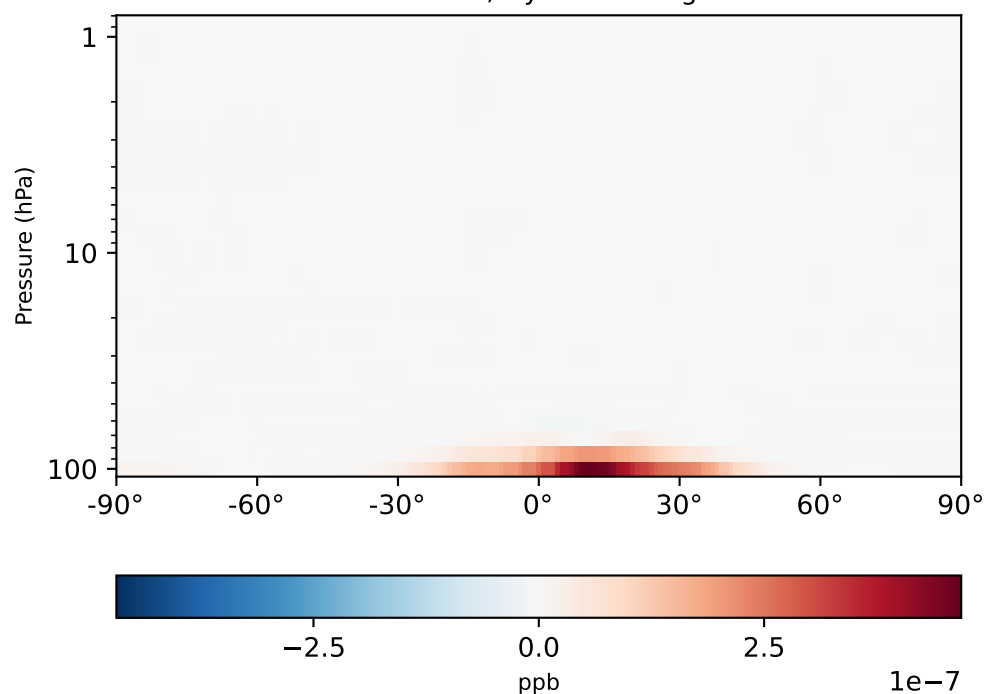
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



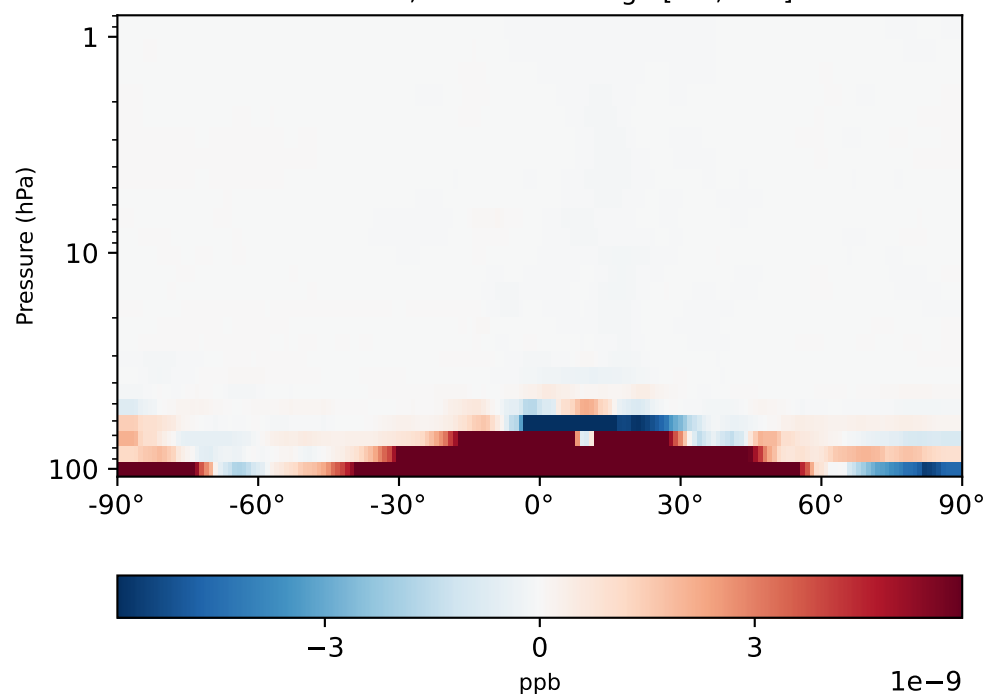
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



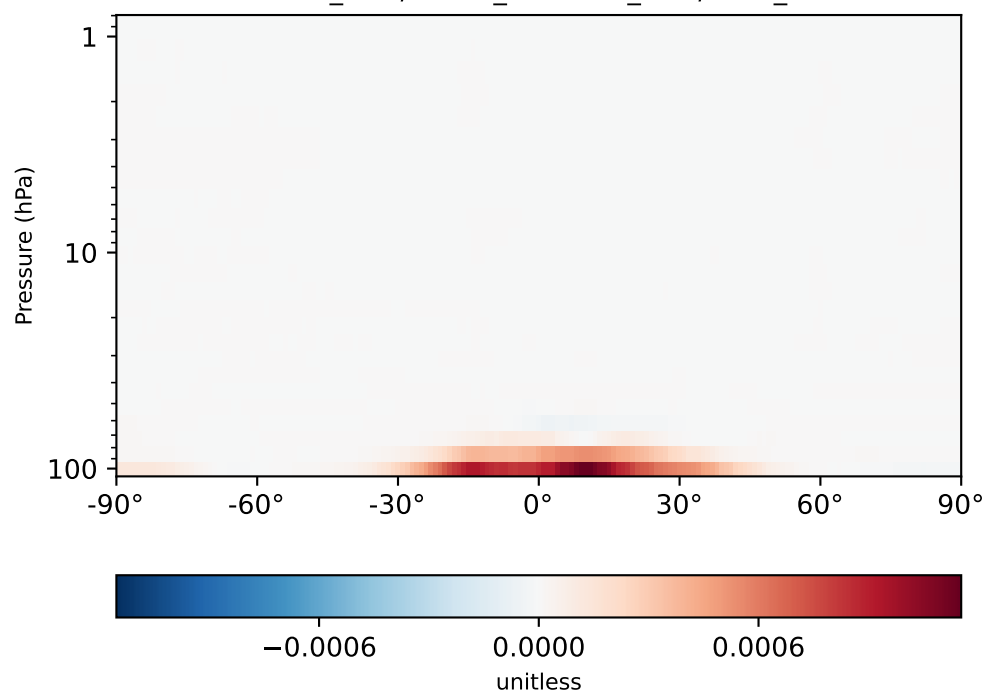
Difference (1x1.25)
Dev - Ref, Dynamic Range



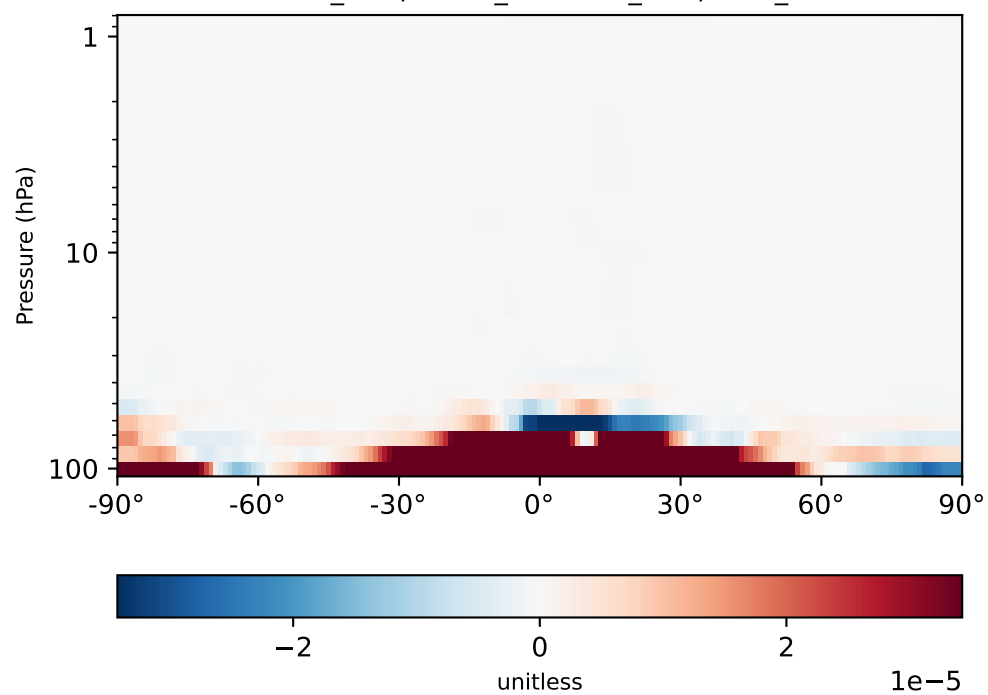
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



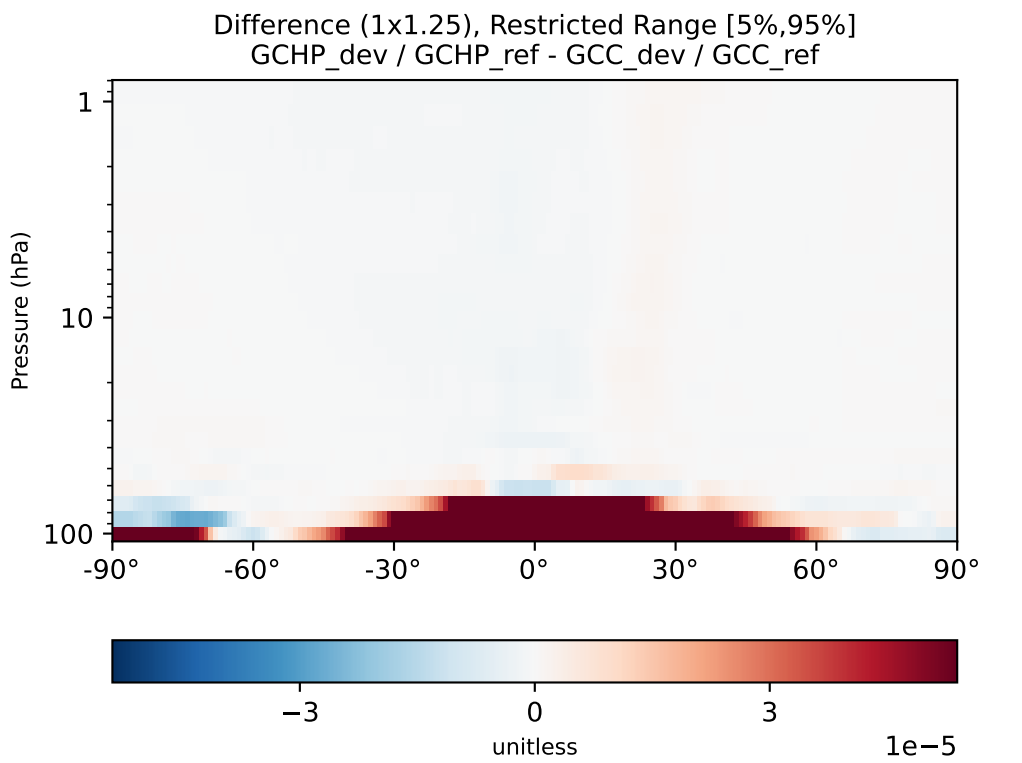
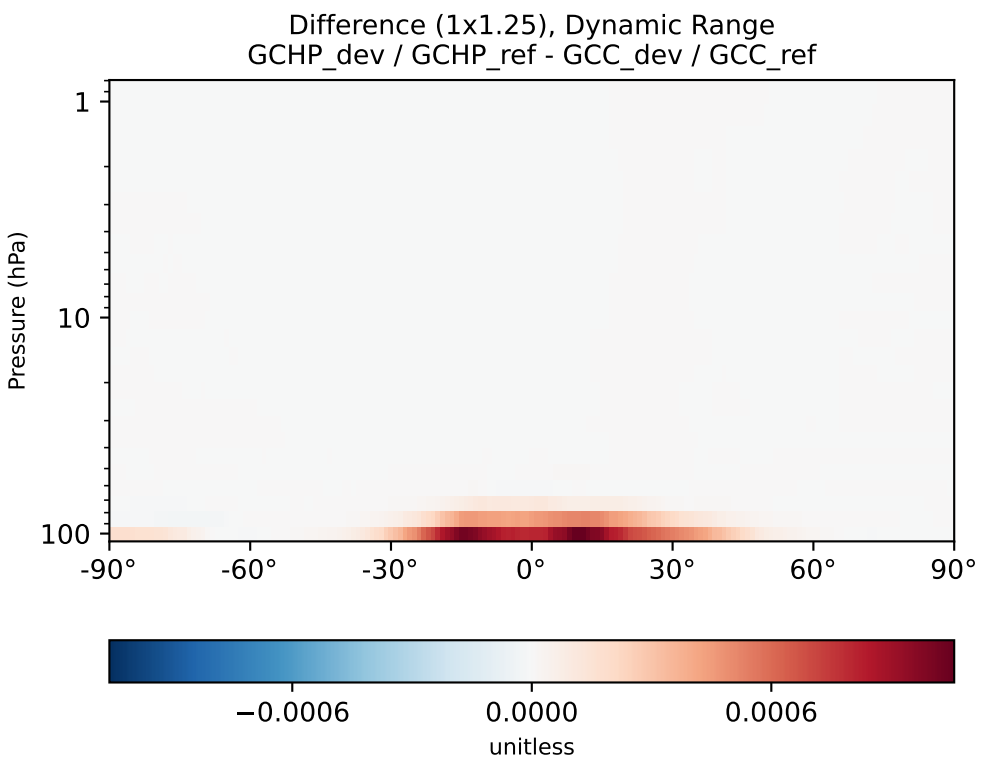
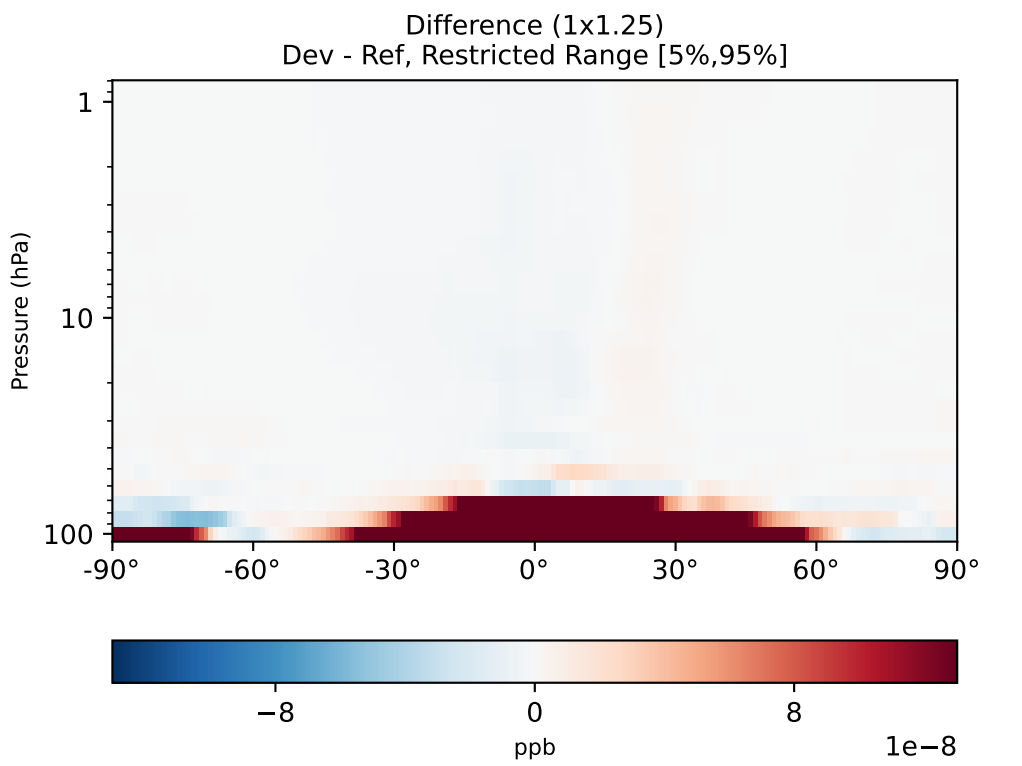
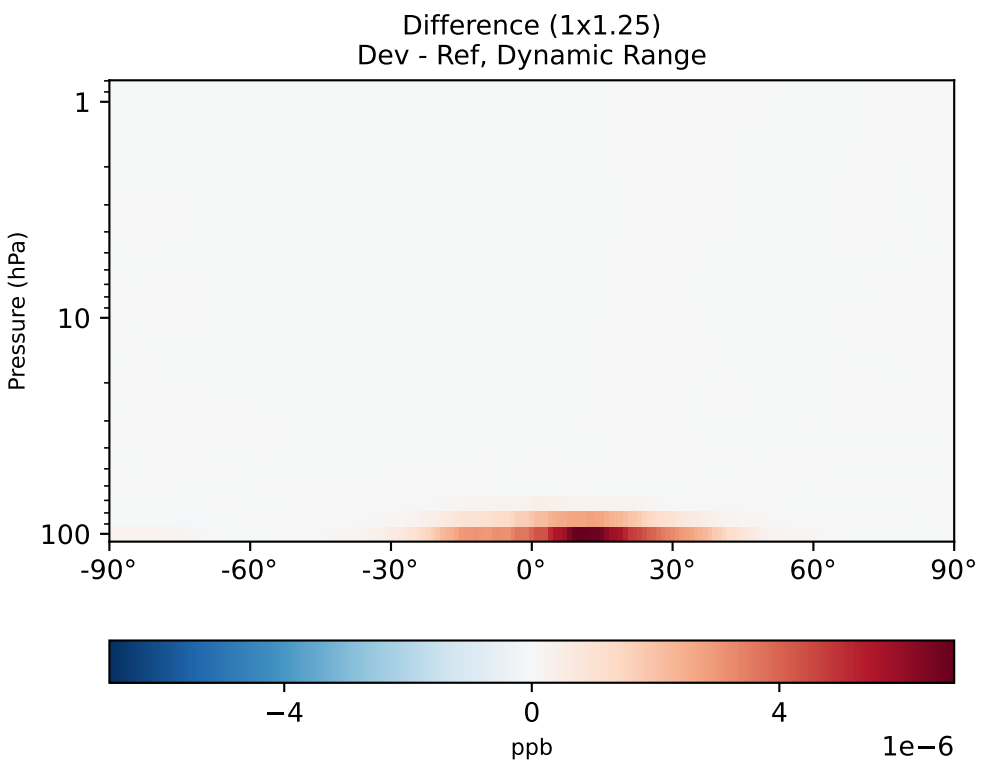
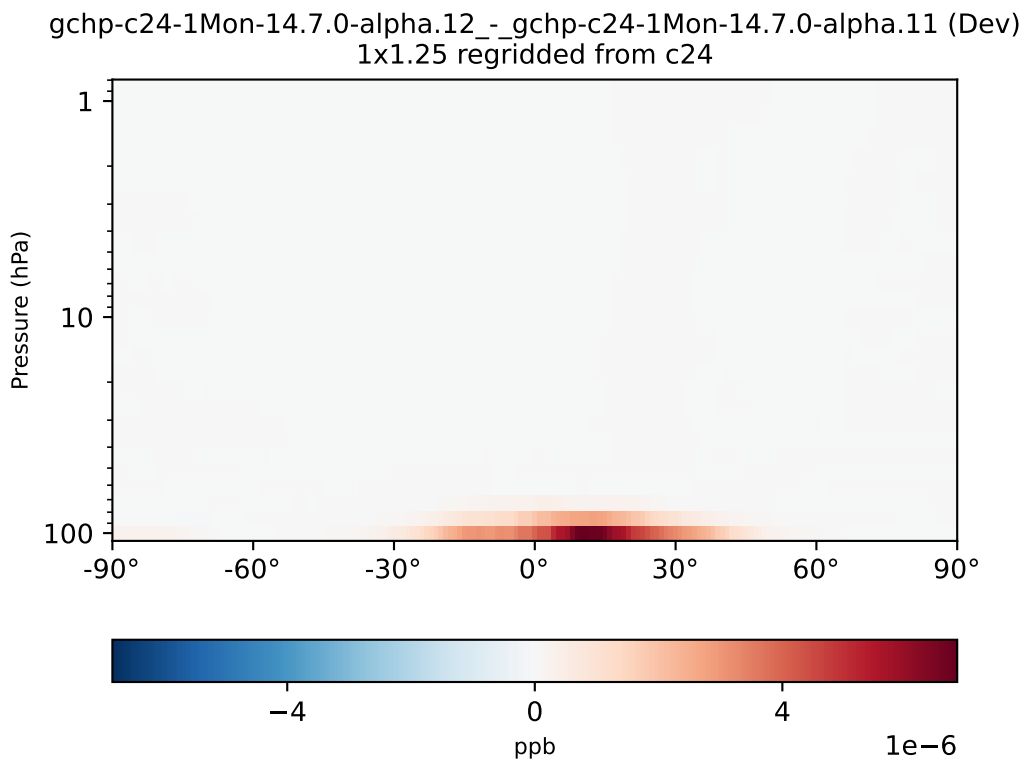
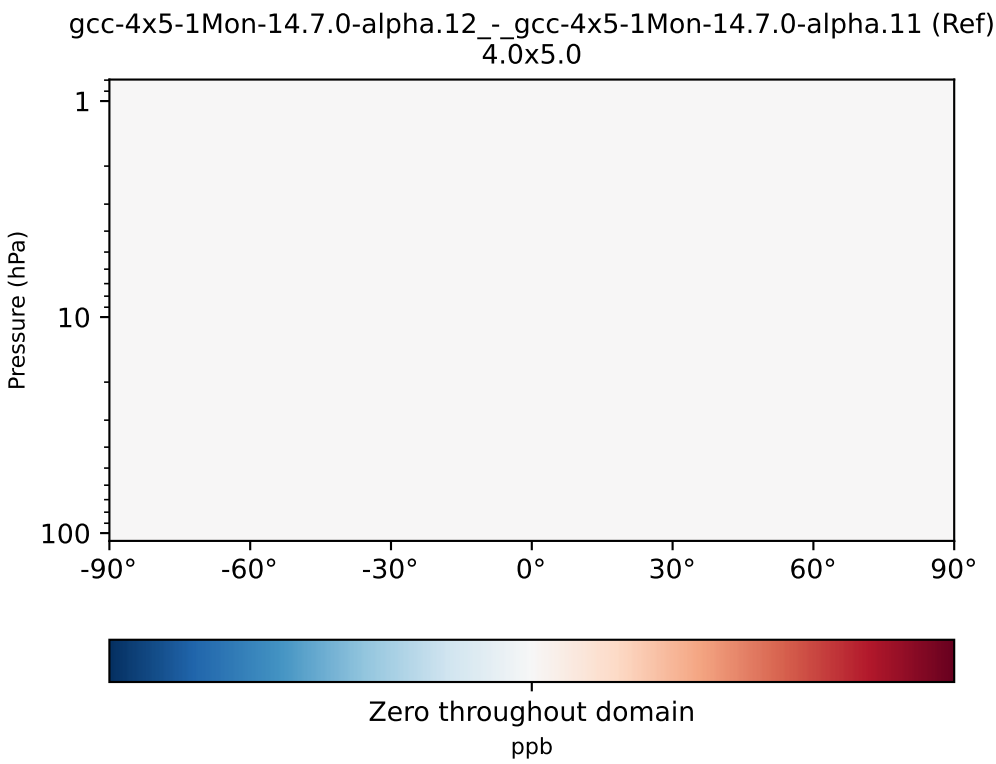
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

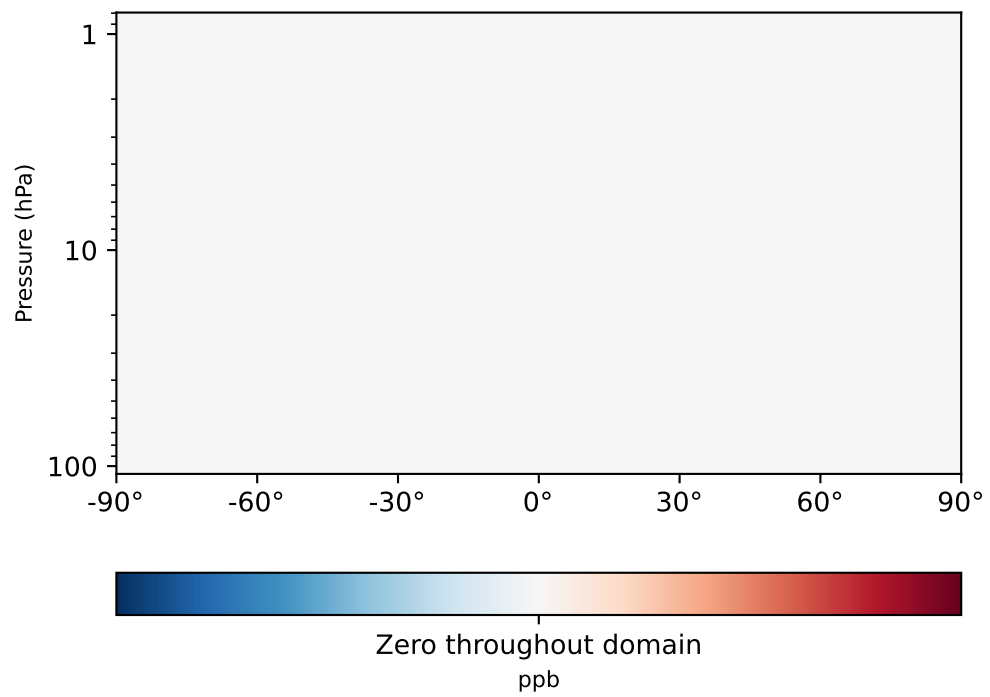


SpeciesConcVV_BCPI, Zonal Mean

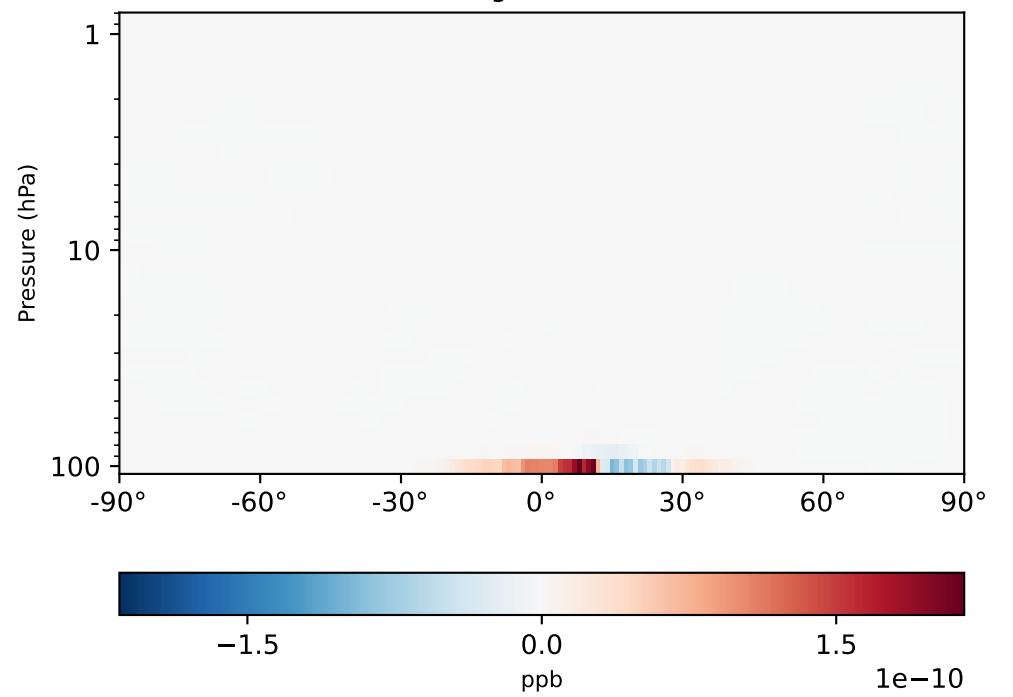


SpeciesConcVV_BCPO, Zonal Mean

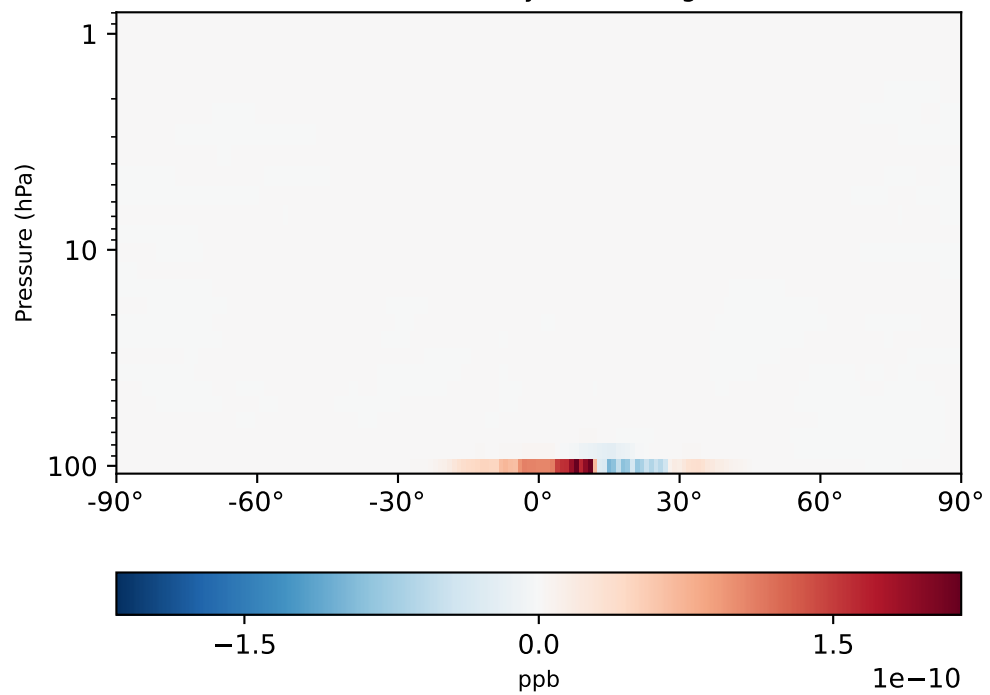
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



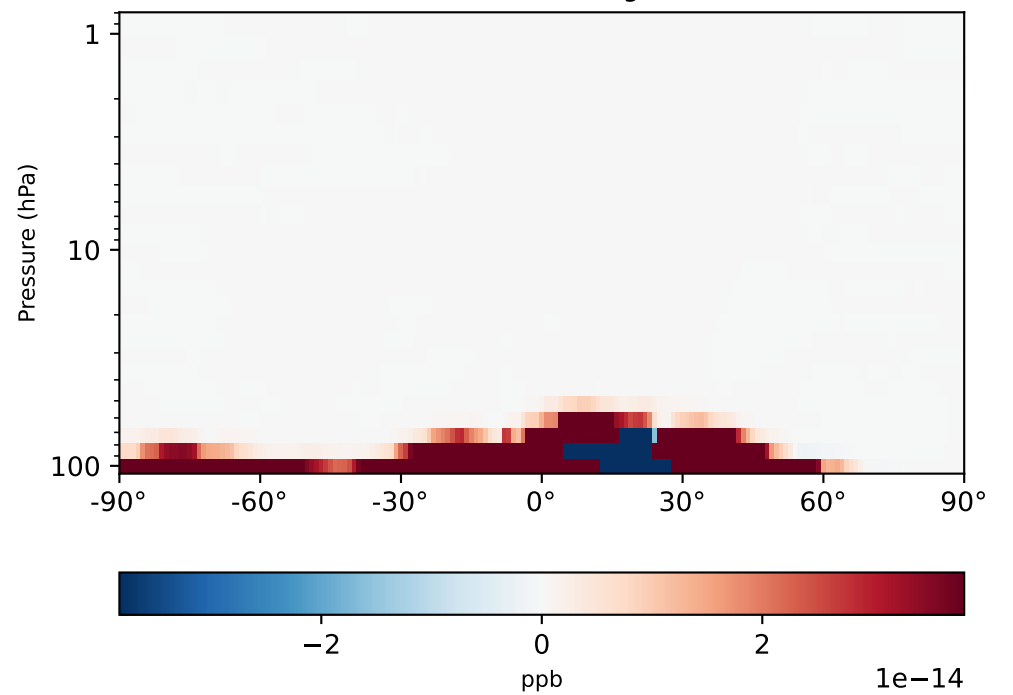
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



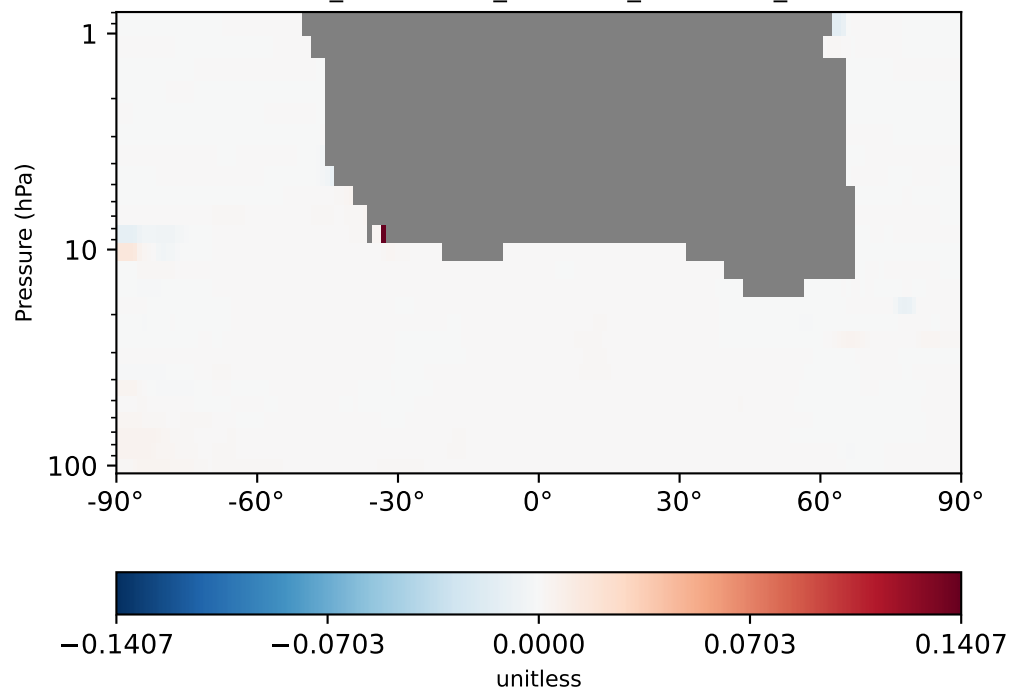
Difference (1x1.25)
Dev - Ref, Dynamic Range



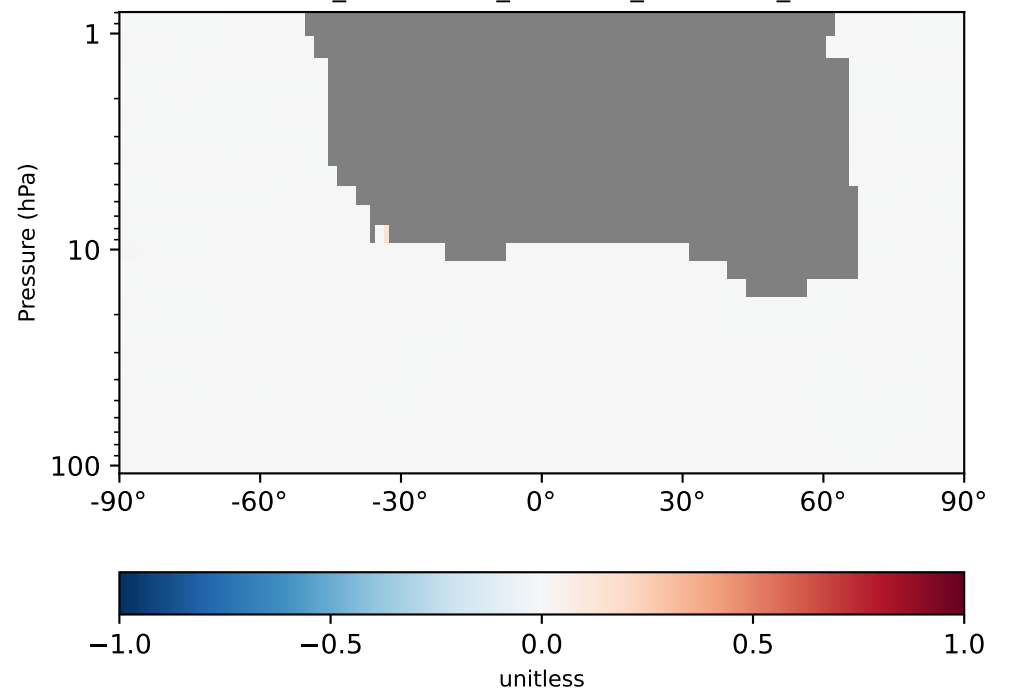
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



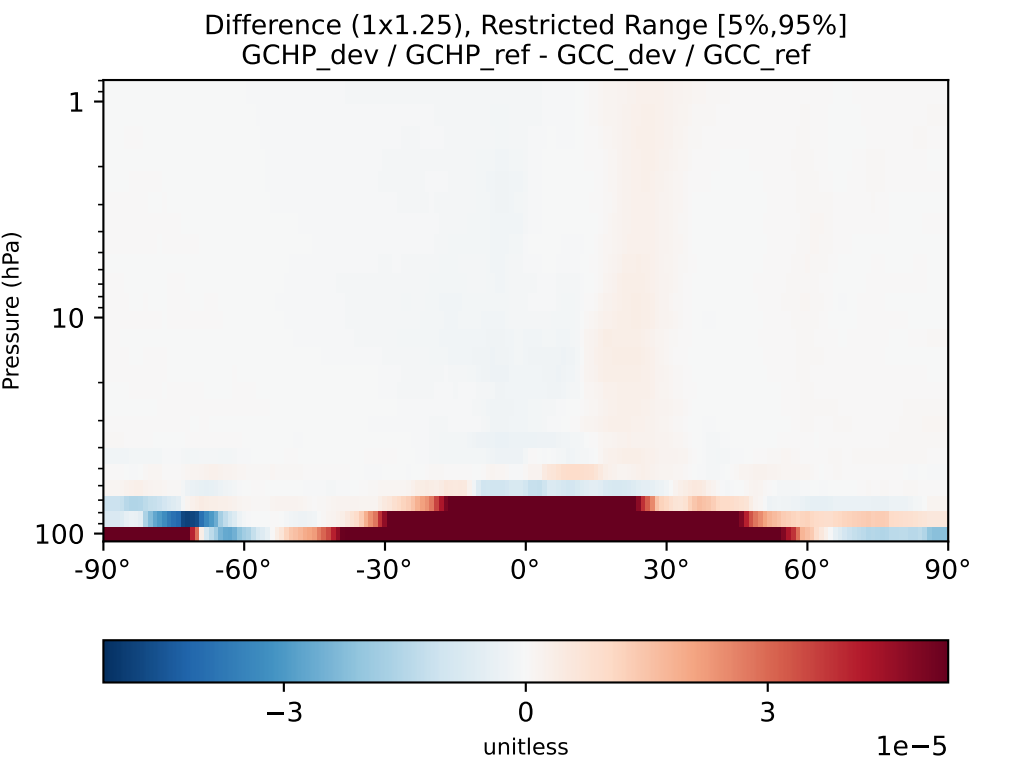
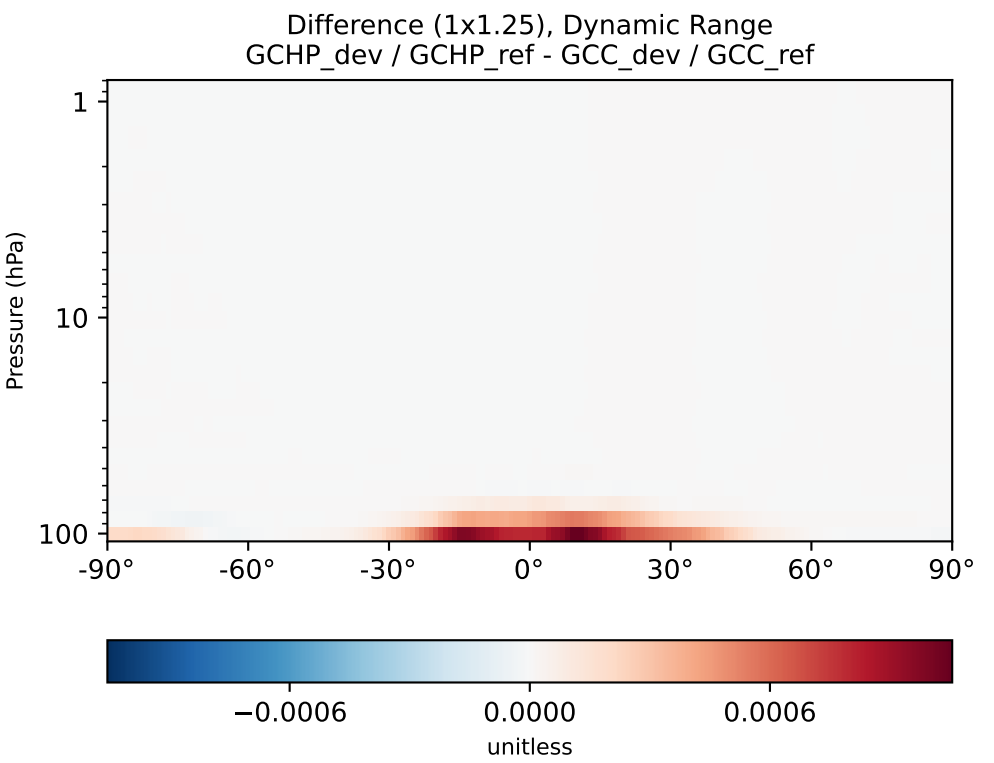
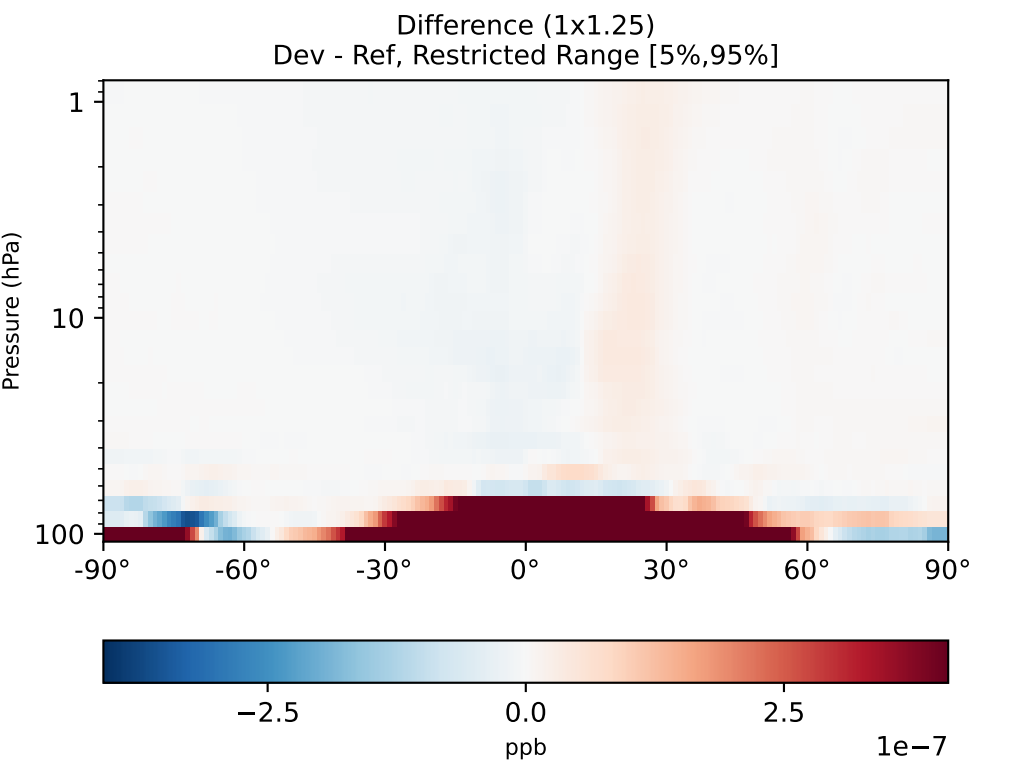
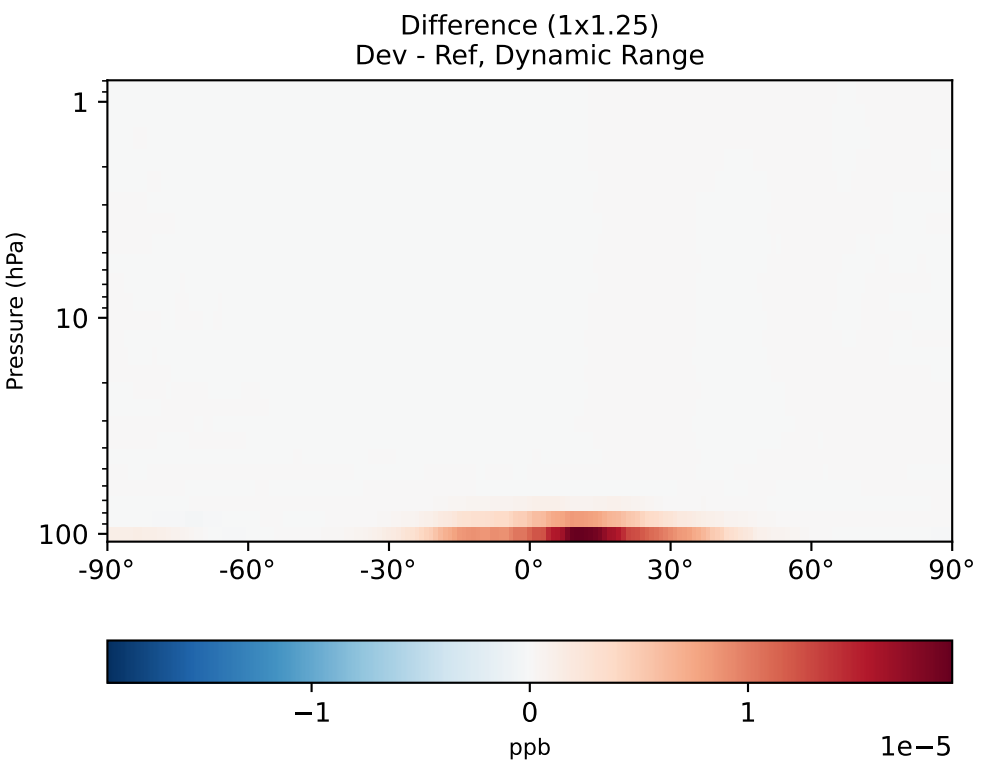
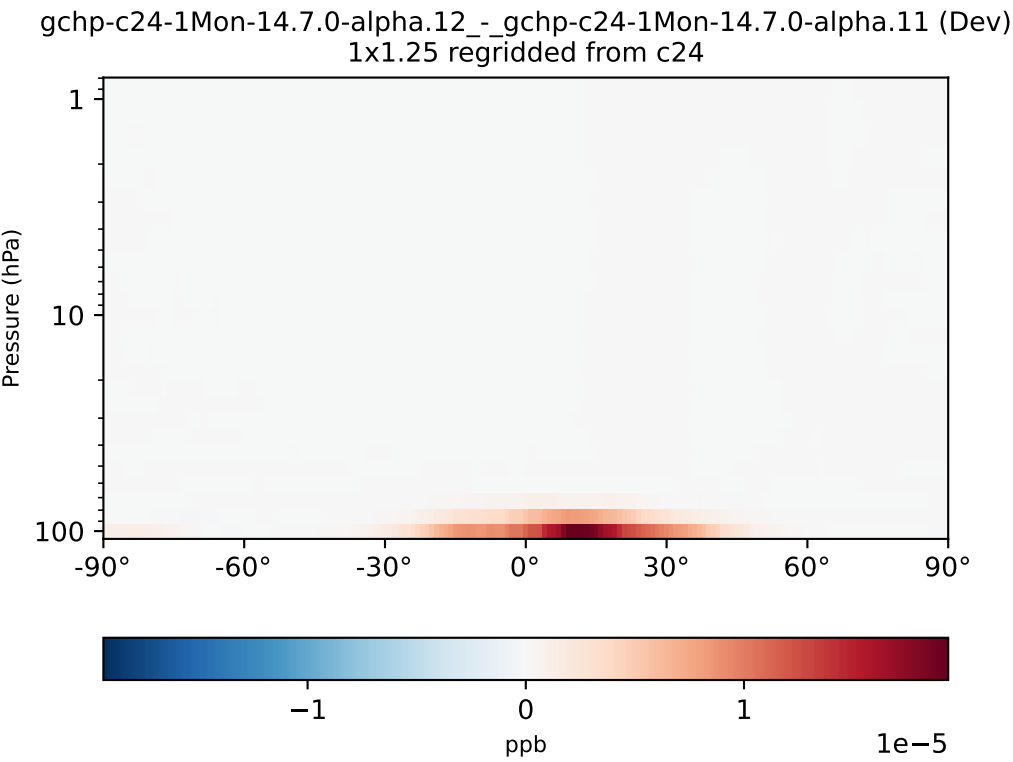
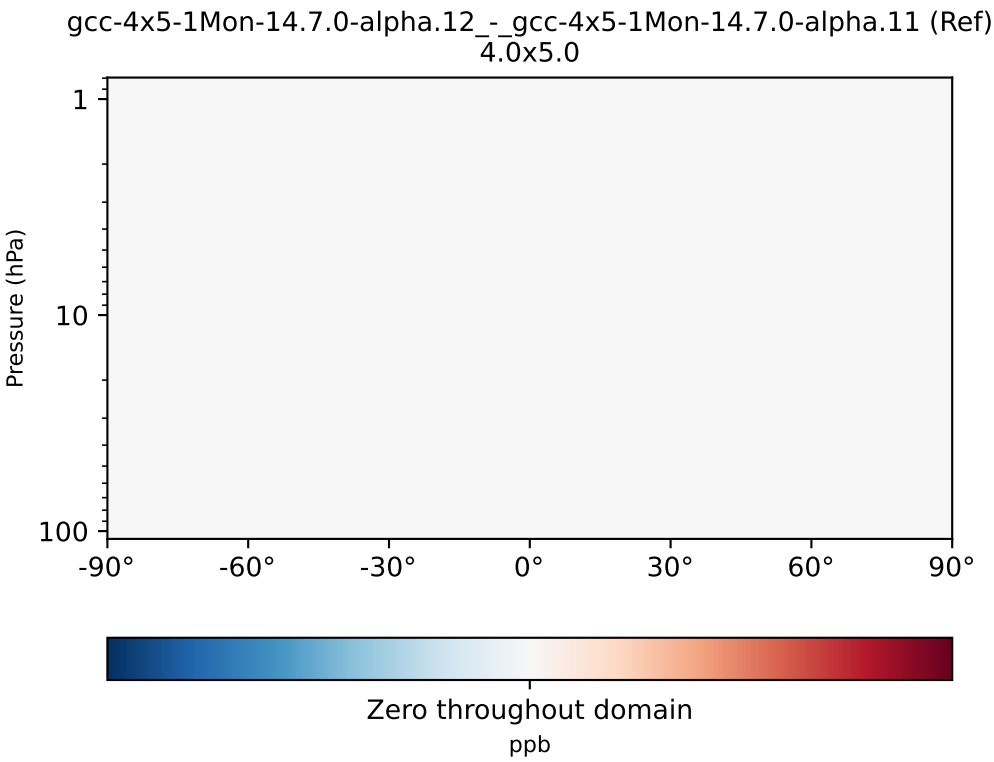
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

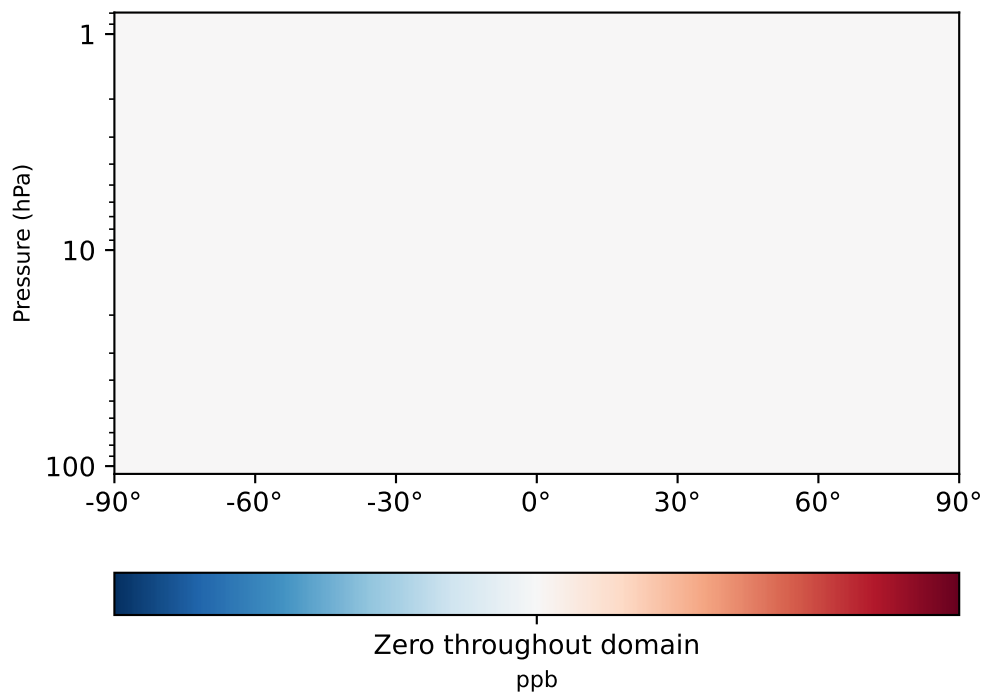


SpeciesConcVV_OCPI, Zonal Mean

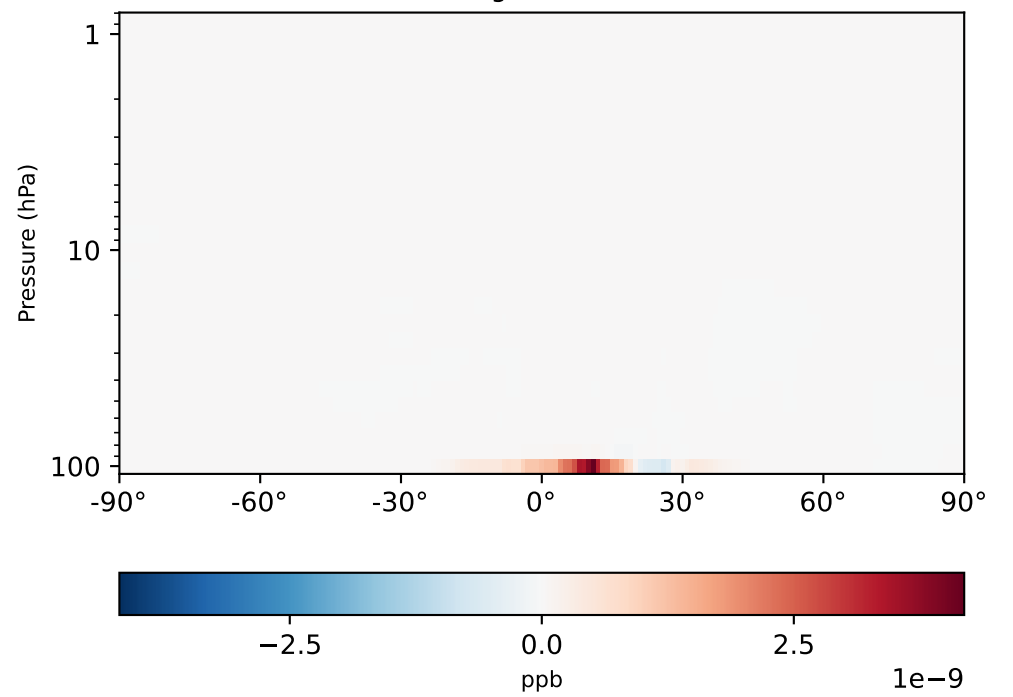


SpeciesConcVV_OCPO, Zonal Mean

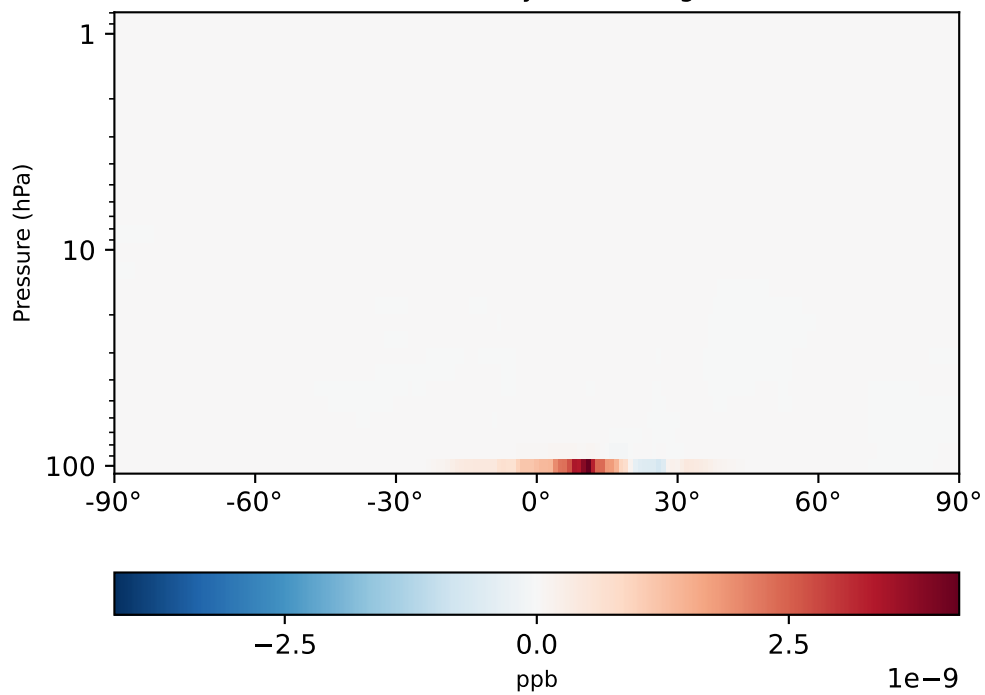
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



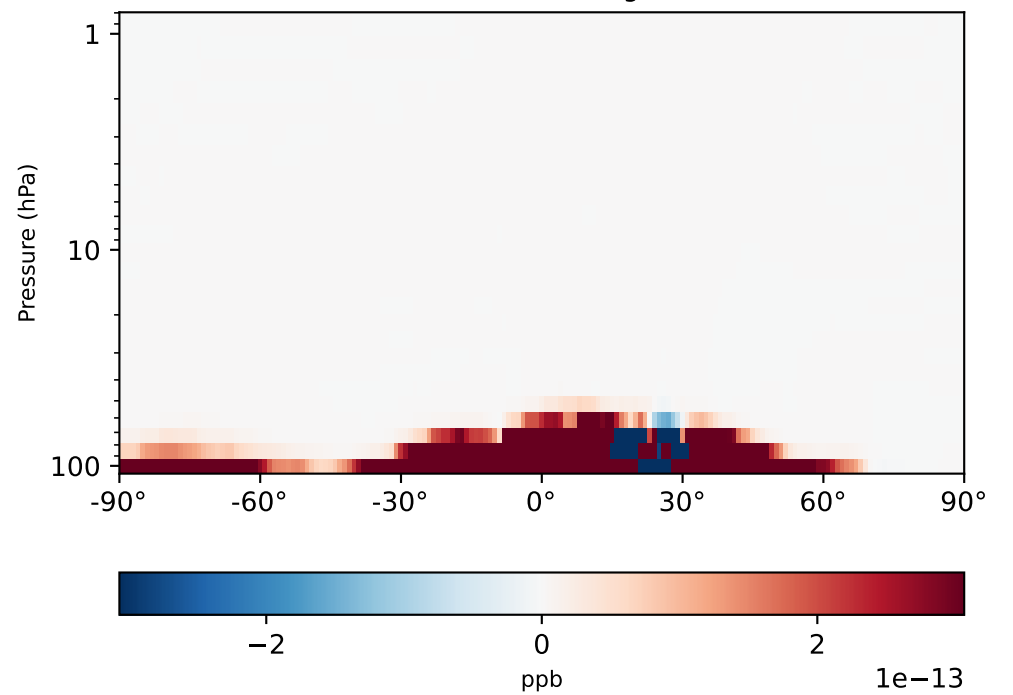
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



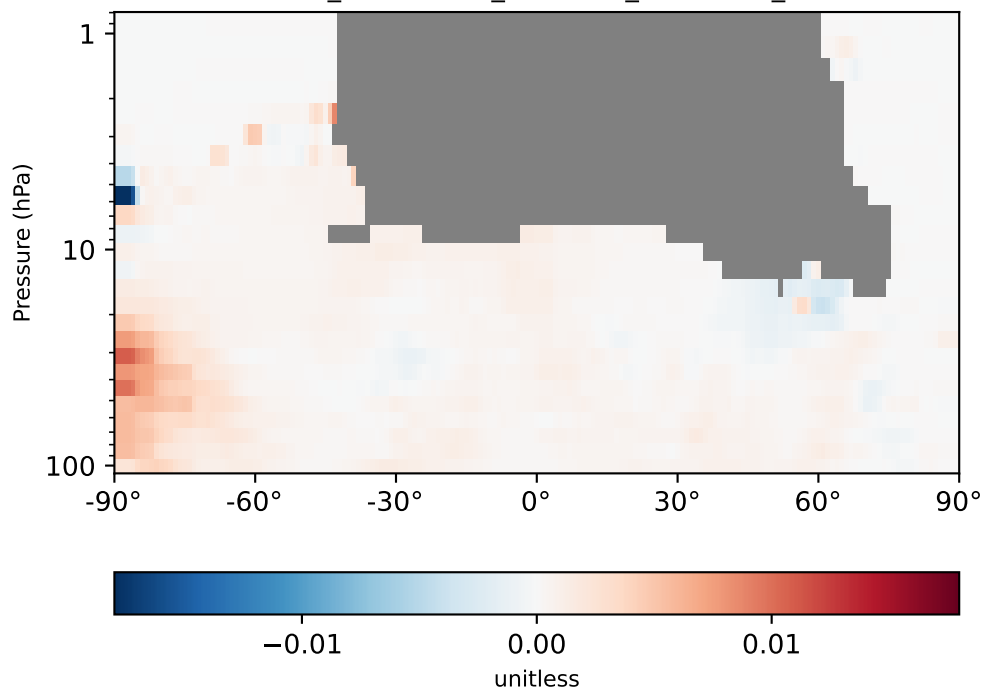
Difference (1x1.25)
Dev - Ref, Dynamic Range



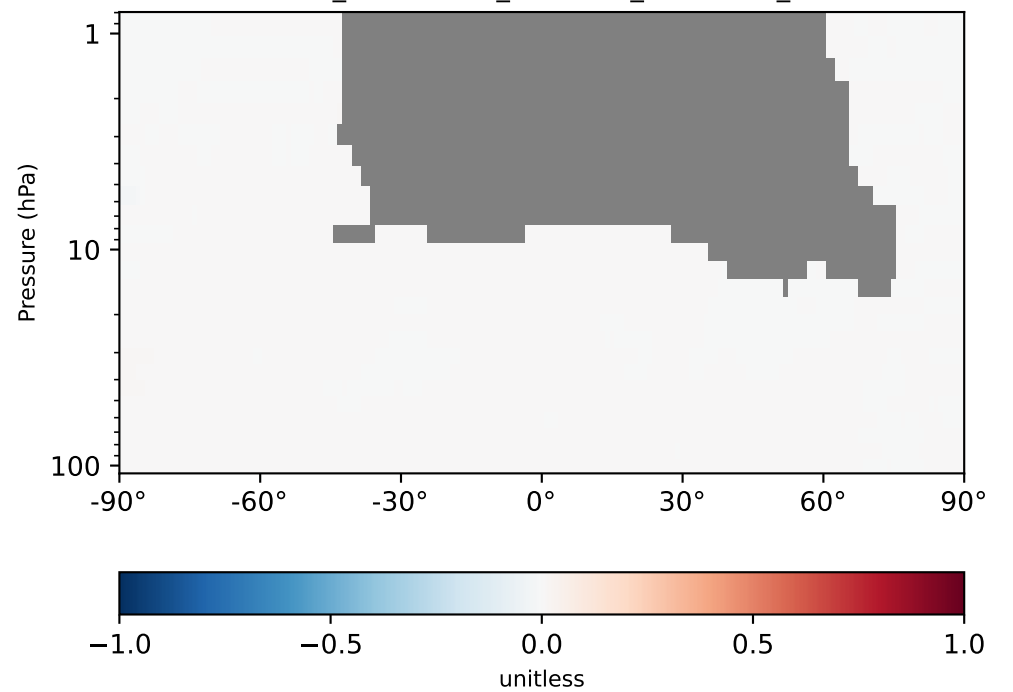
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

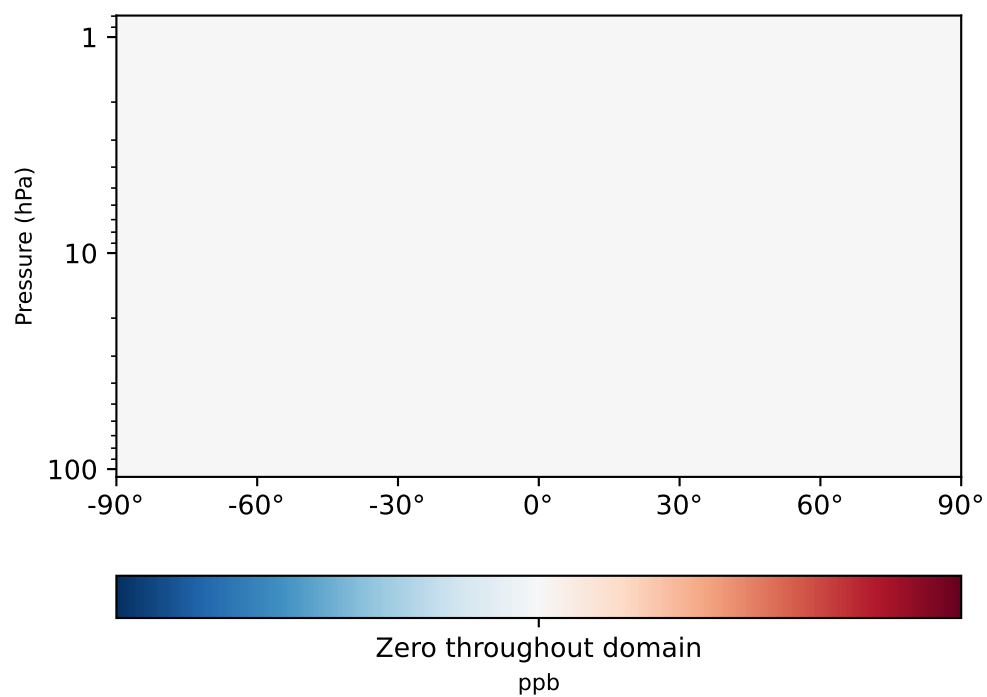


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

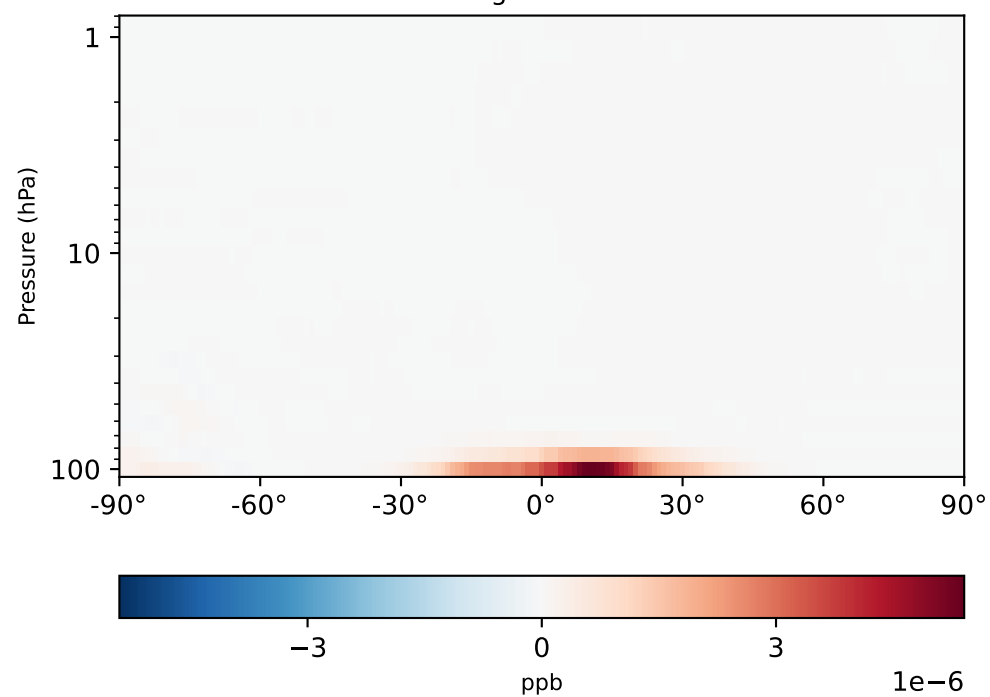


SpeciesConcVV_Complex_SOA, Zonal Mean

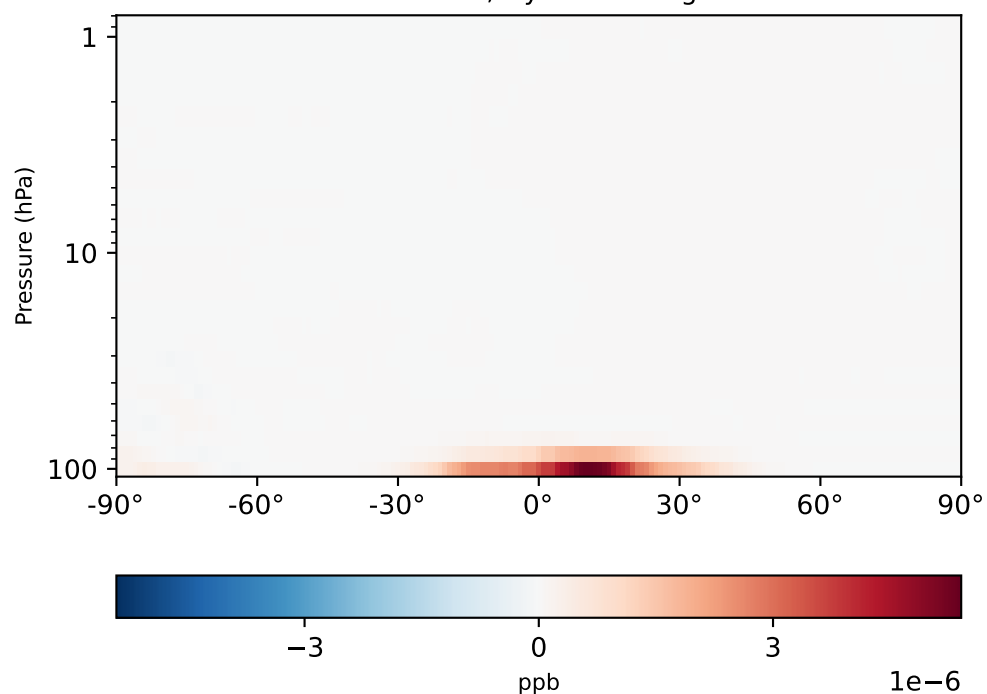
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



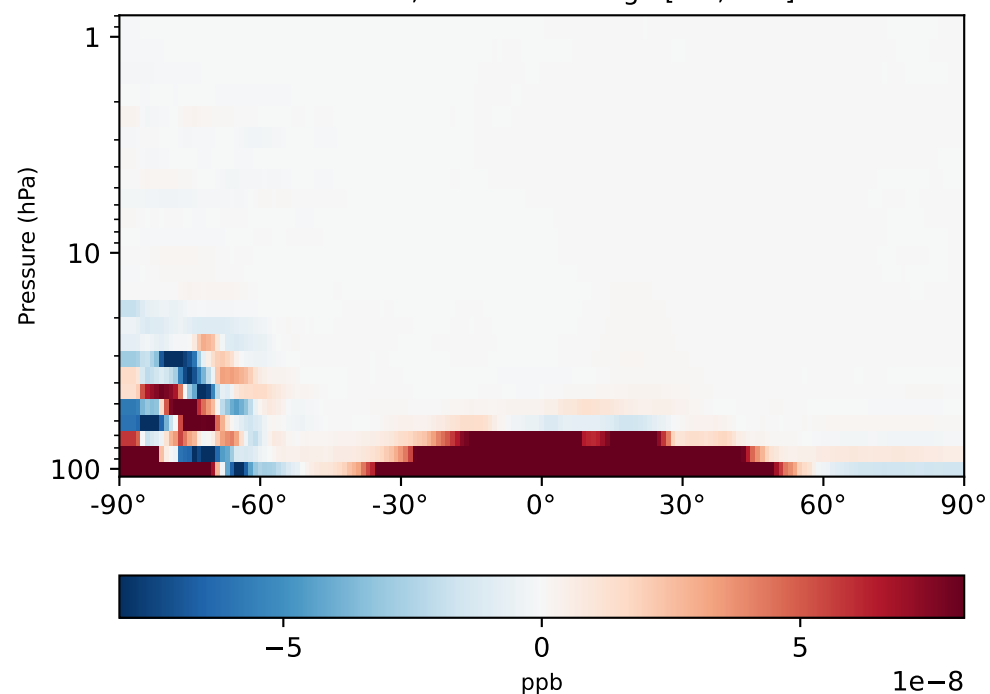
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



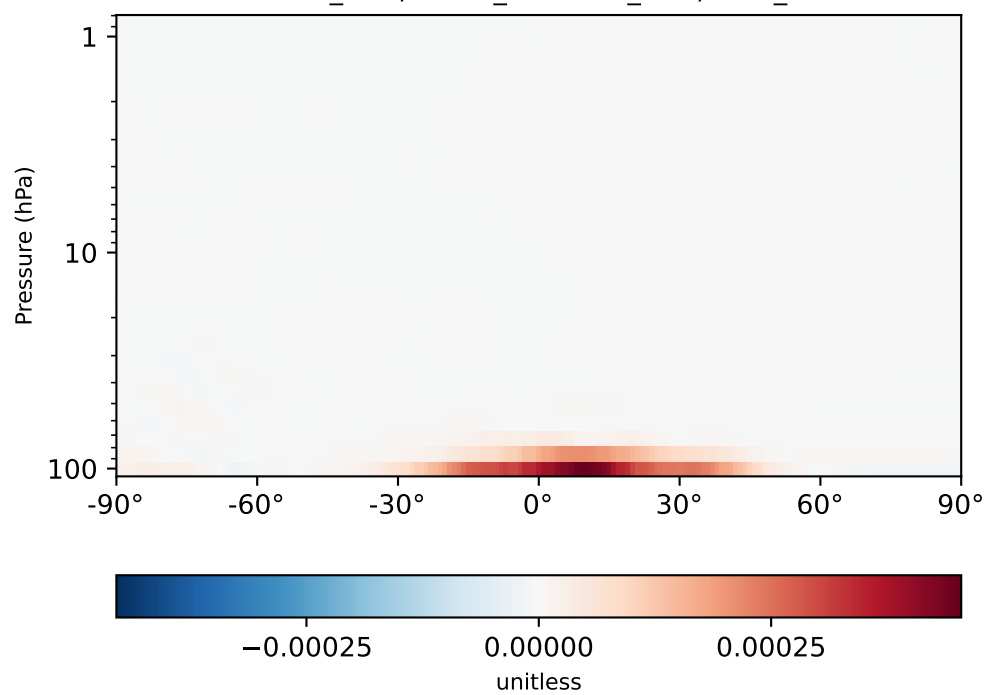
Difference (1x1.25)
Dev - Ref, Dynamic Range



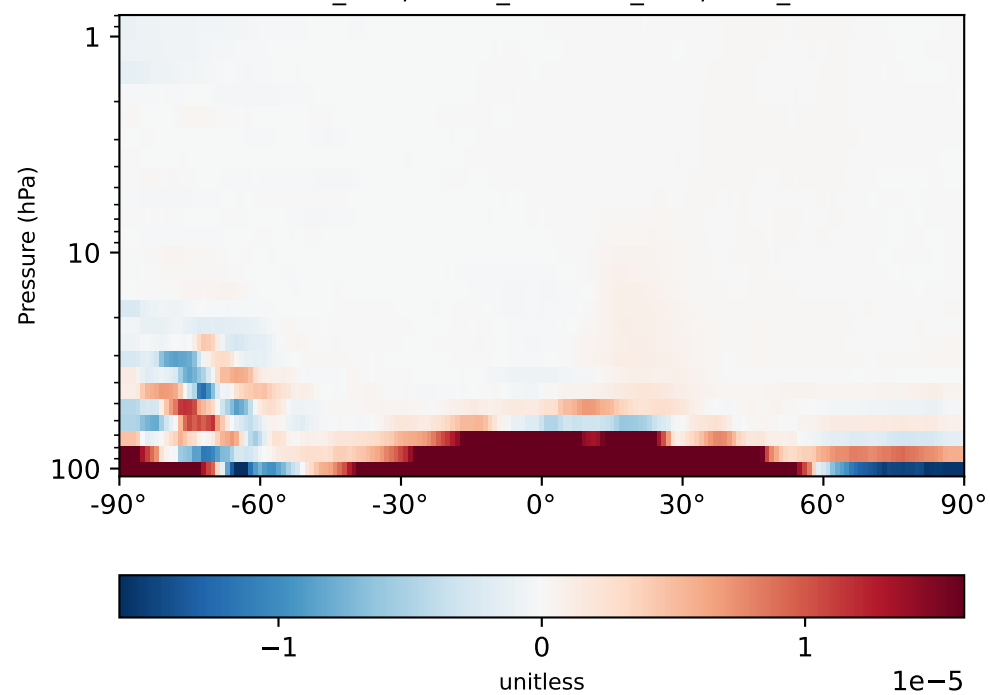
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

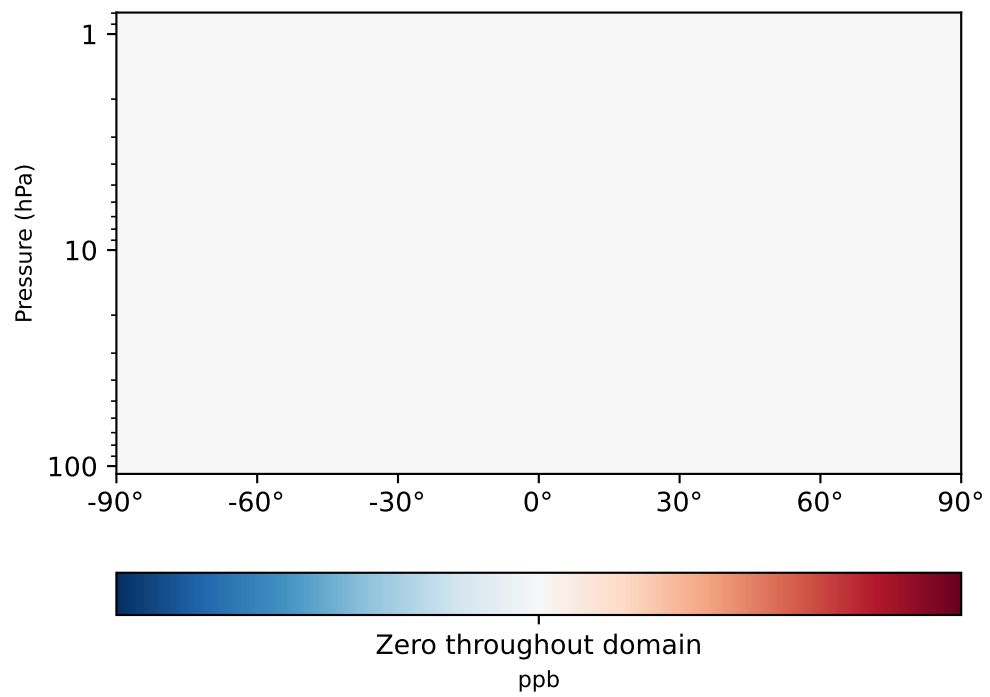


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

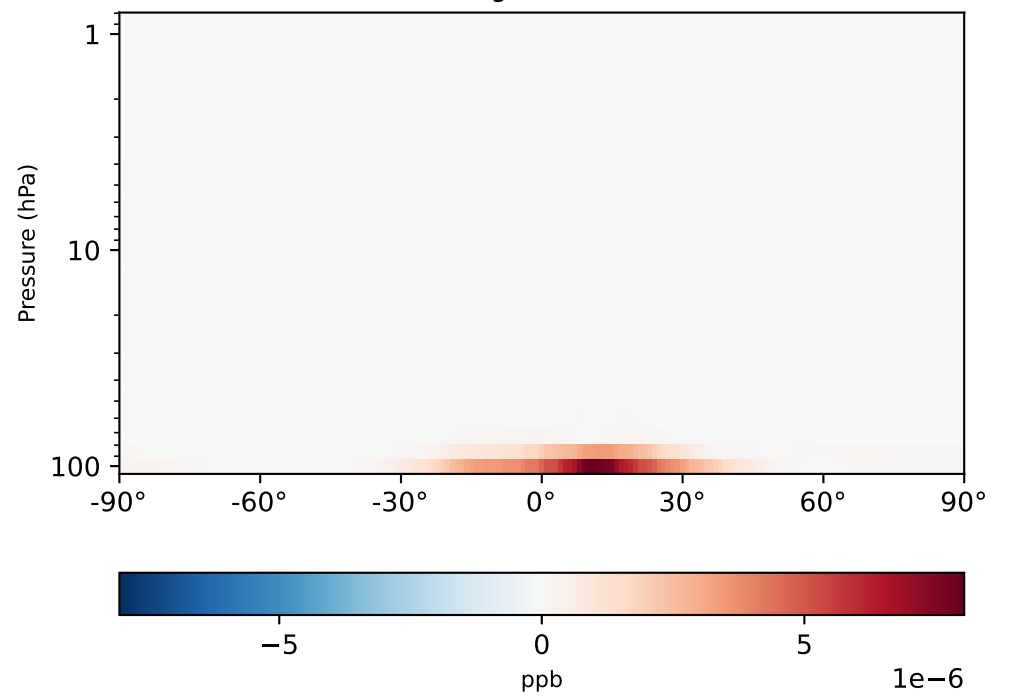


SpeciesConcVV_Simple_SOA, Zonal Mean

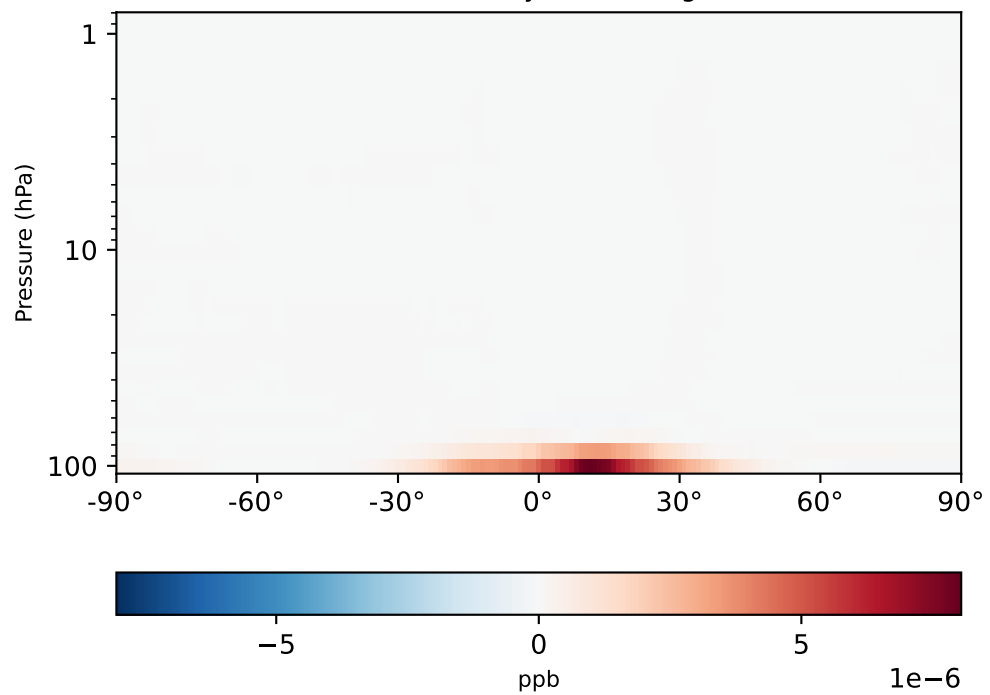
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



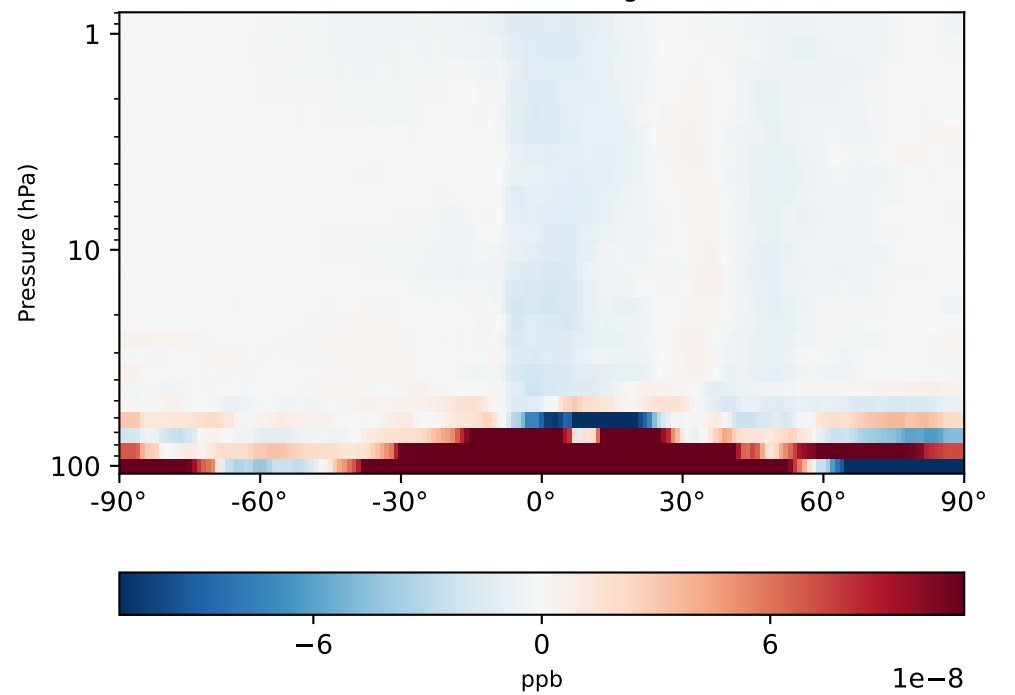
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



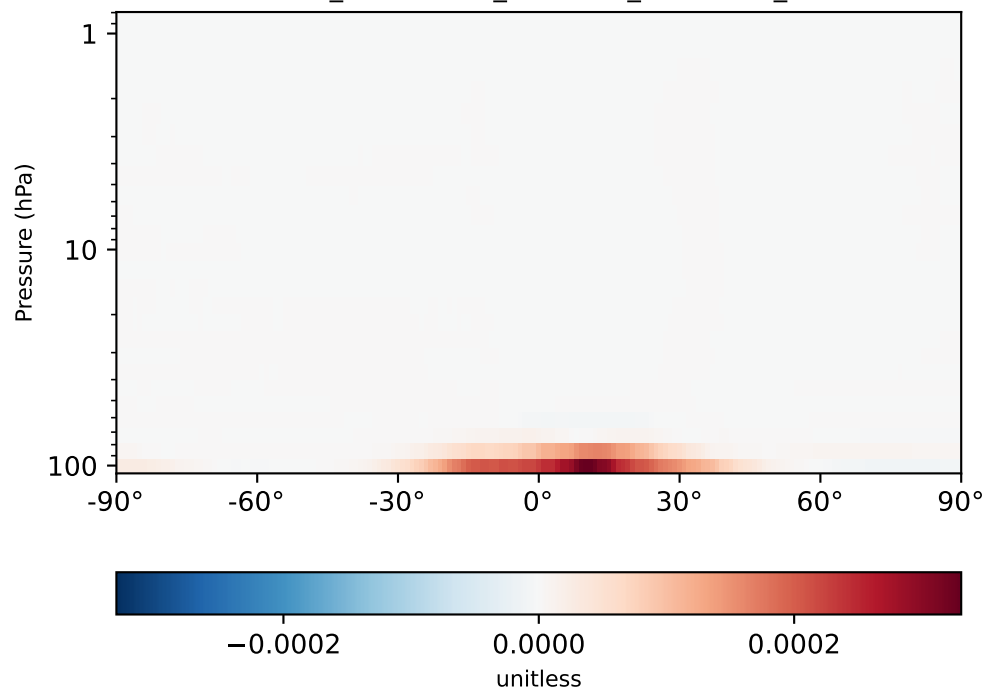
Difference (1x1.25)
Dev - Ref, Dynamic Range



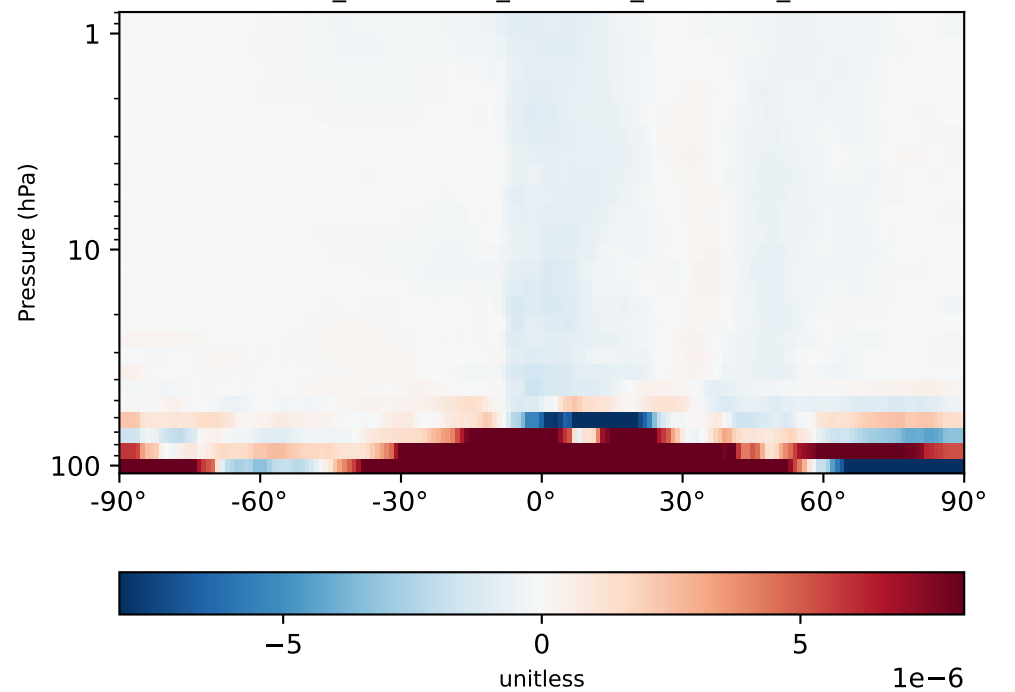
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



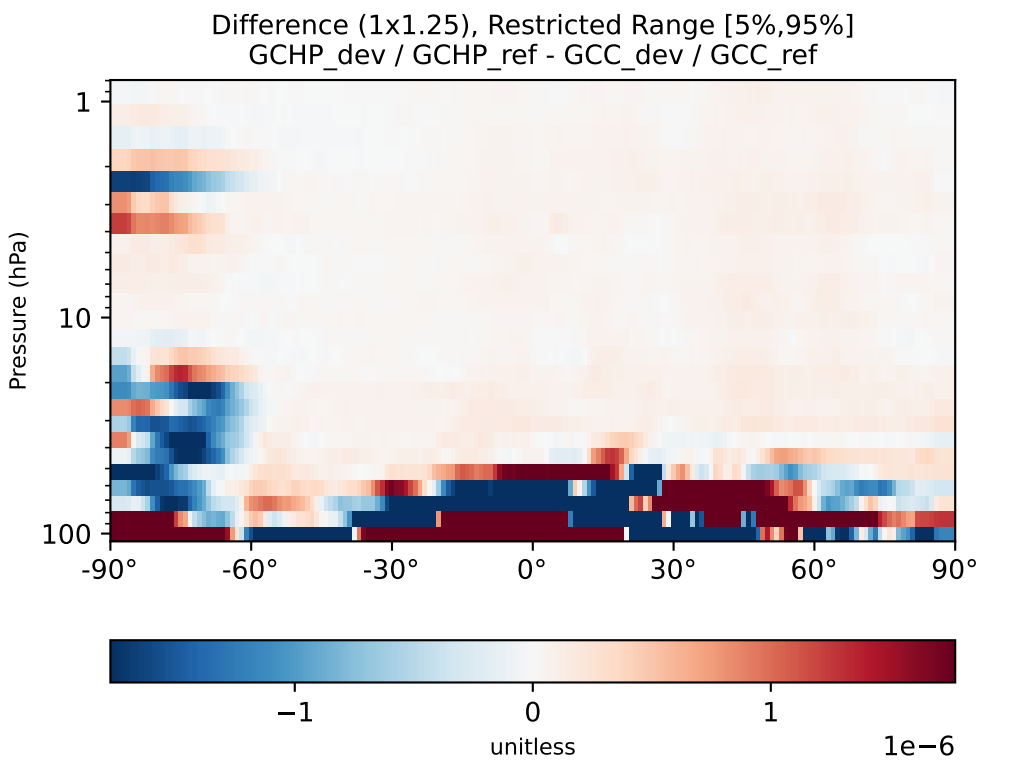
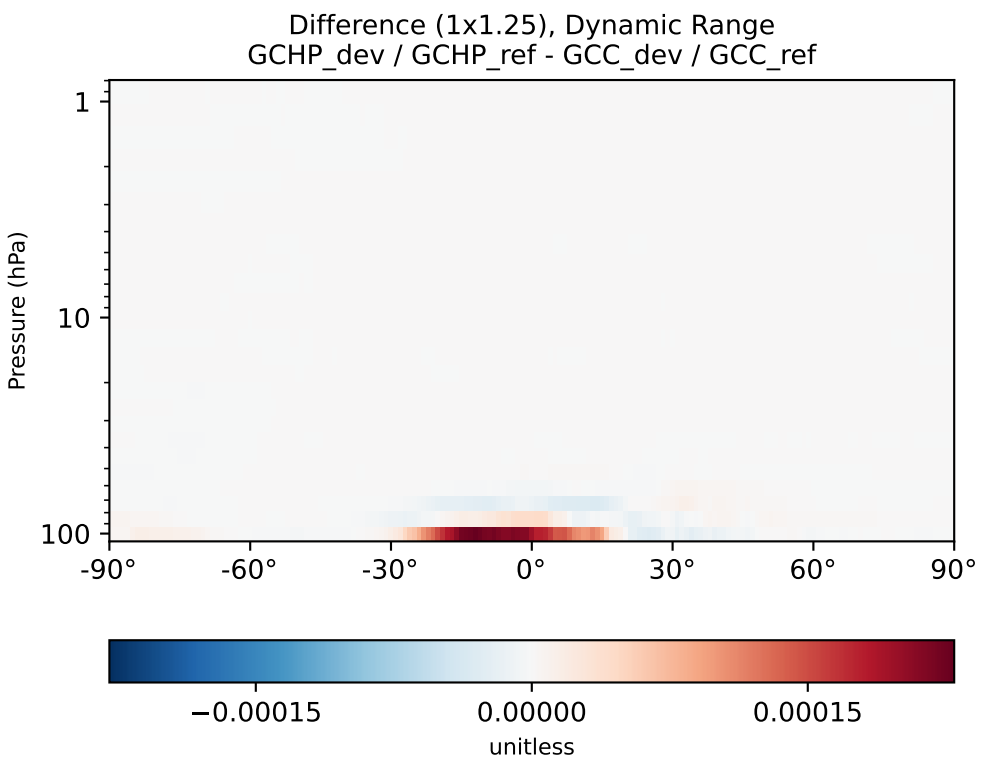
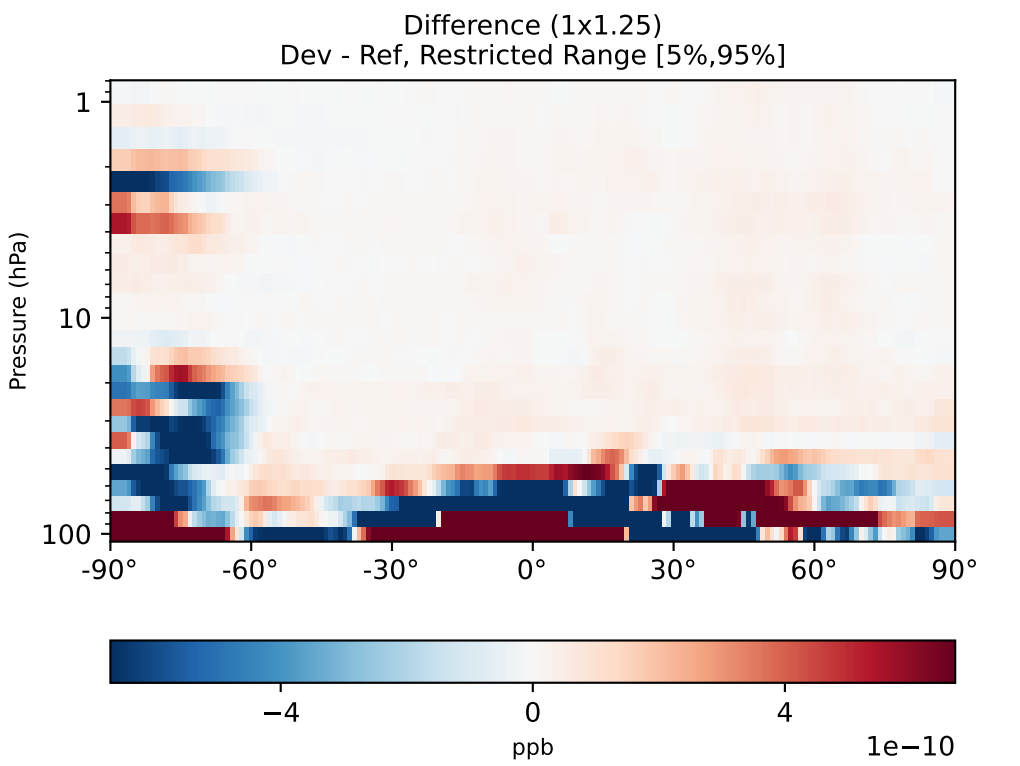
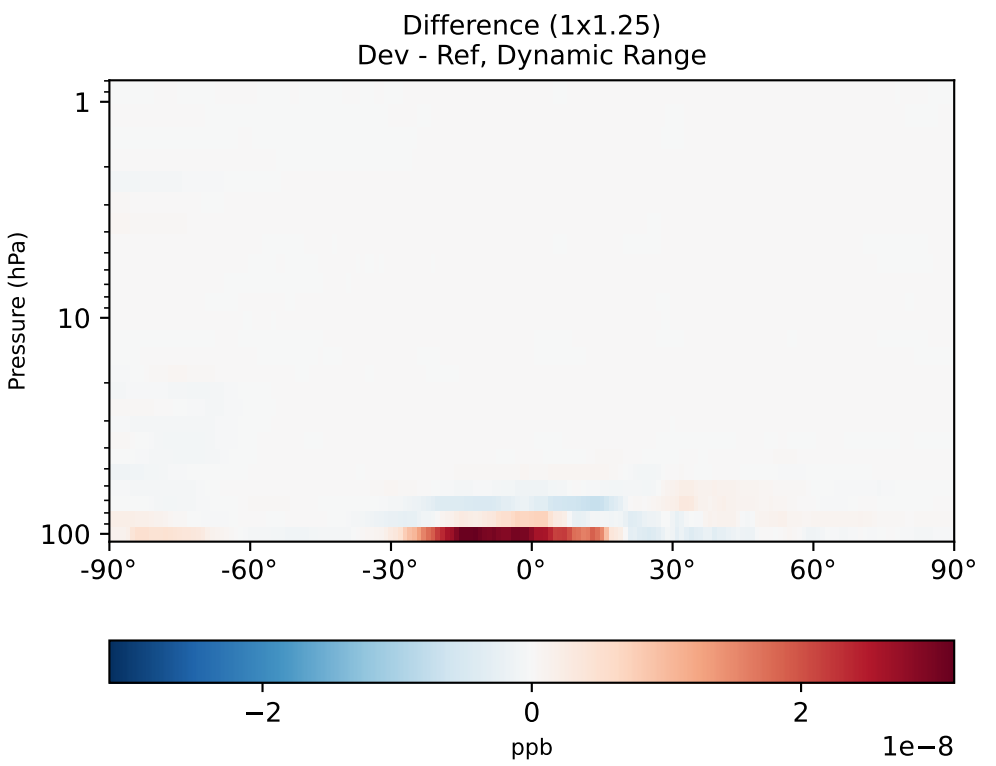
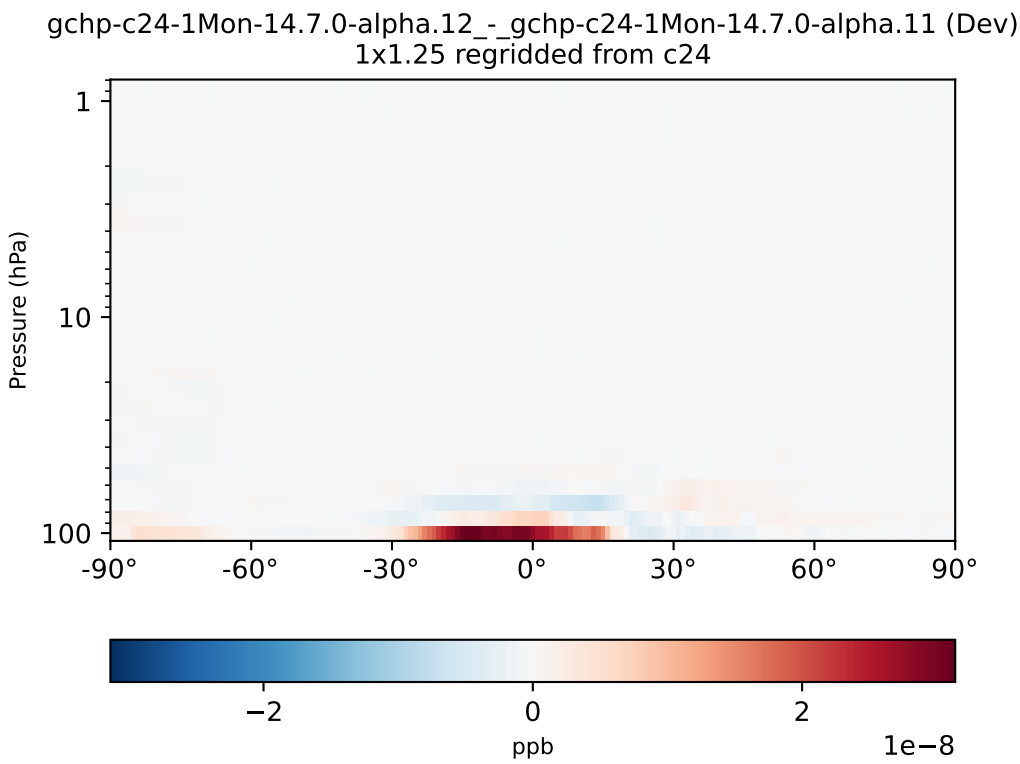
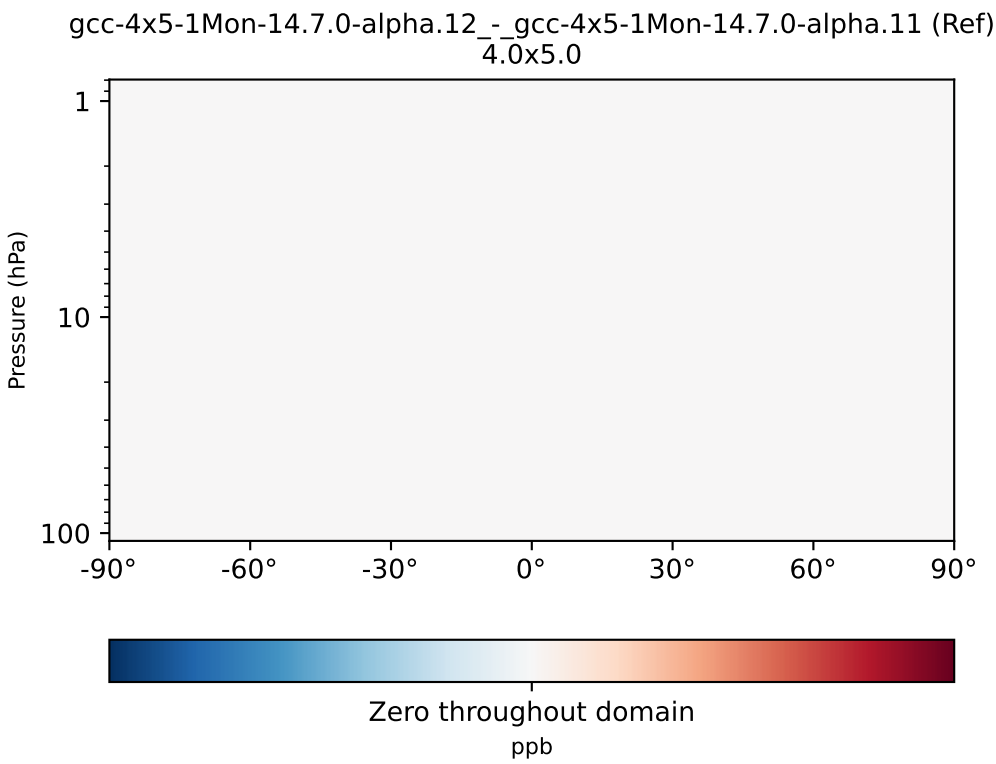
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



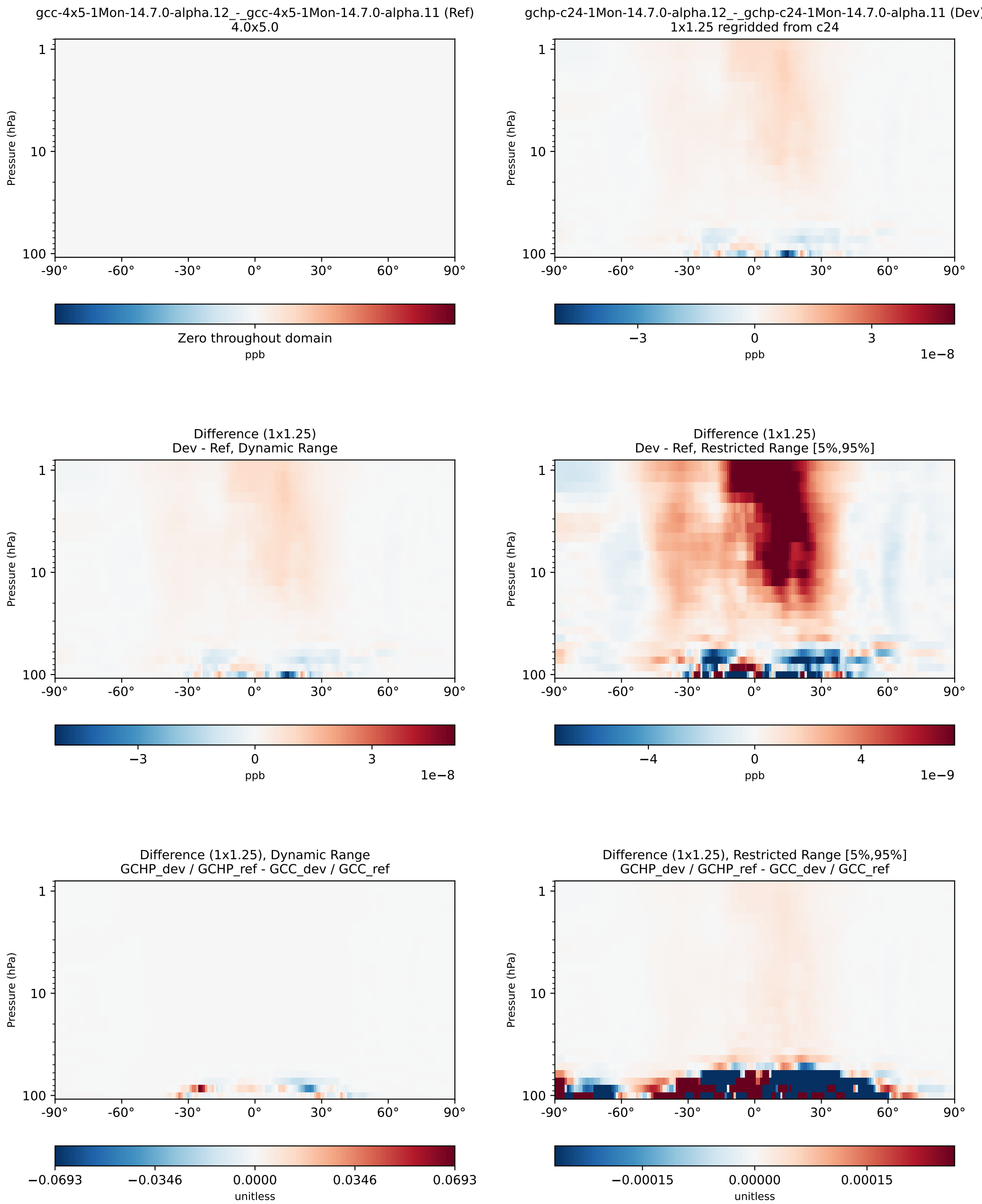
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



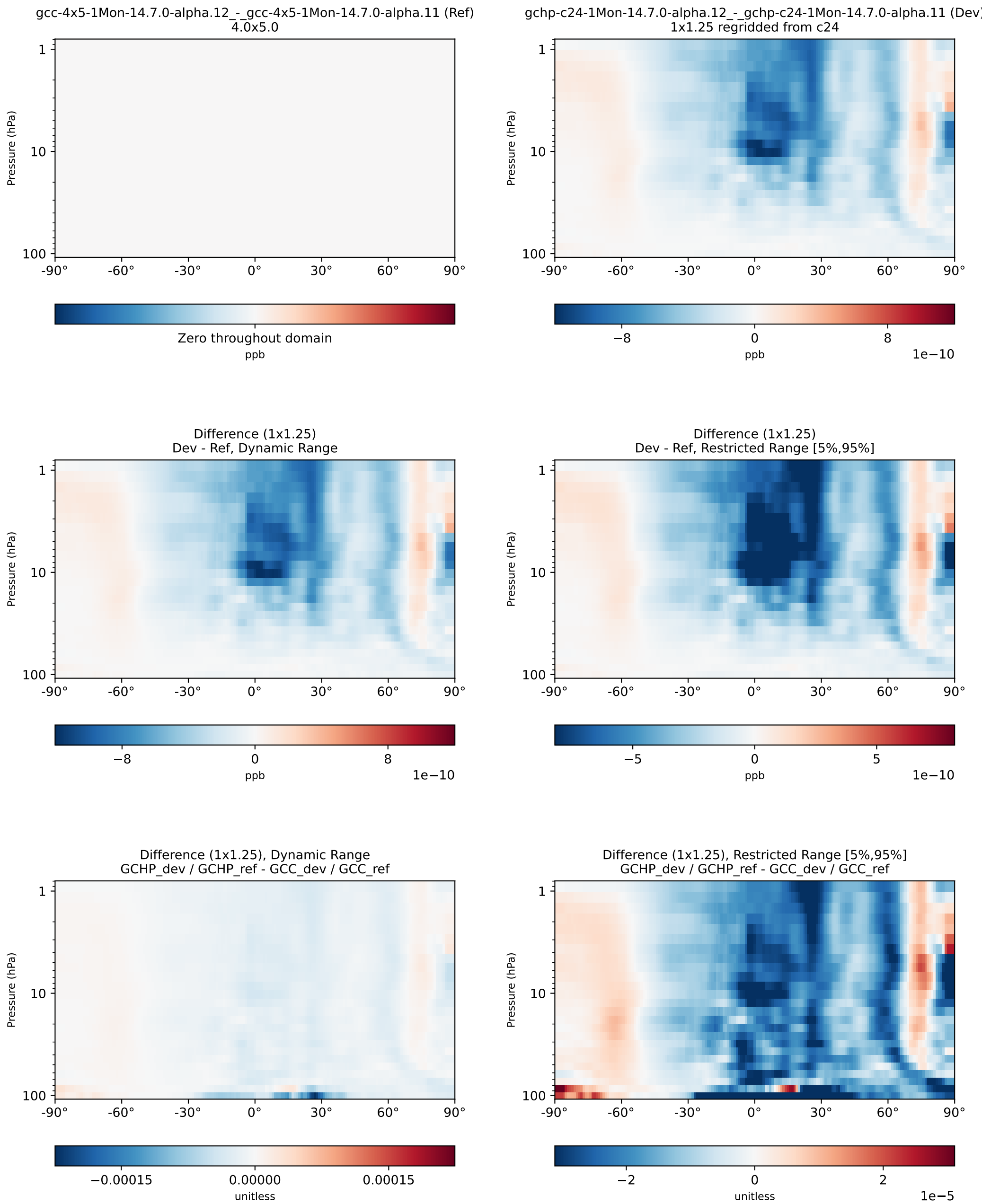
SpeciesConcVV_AERI, Zonal Mean



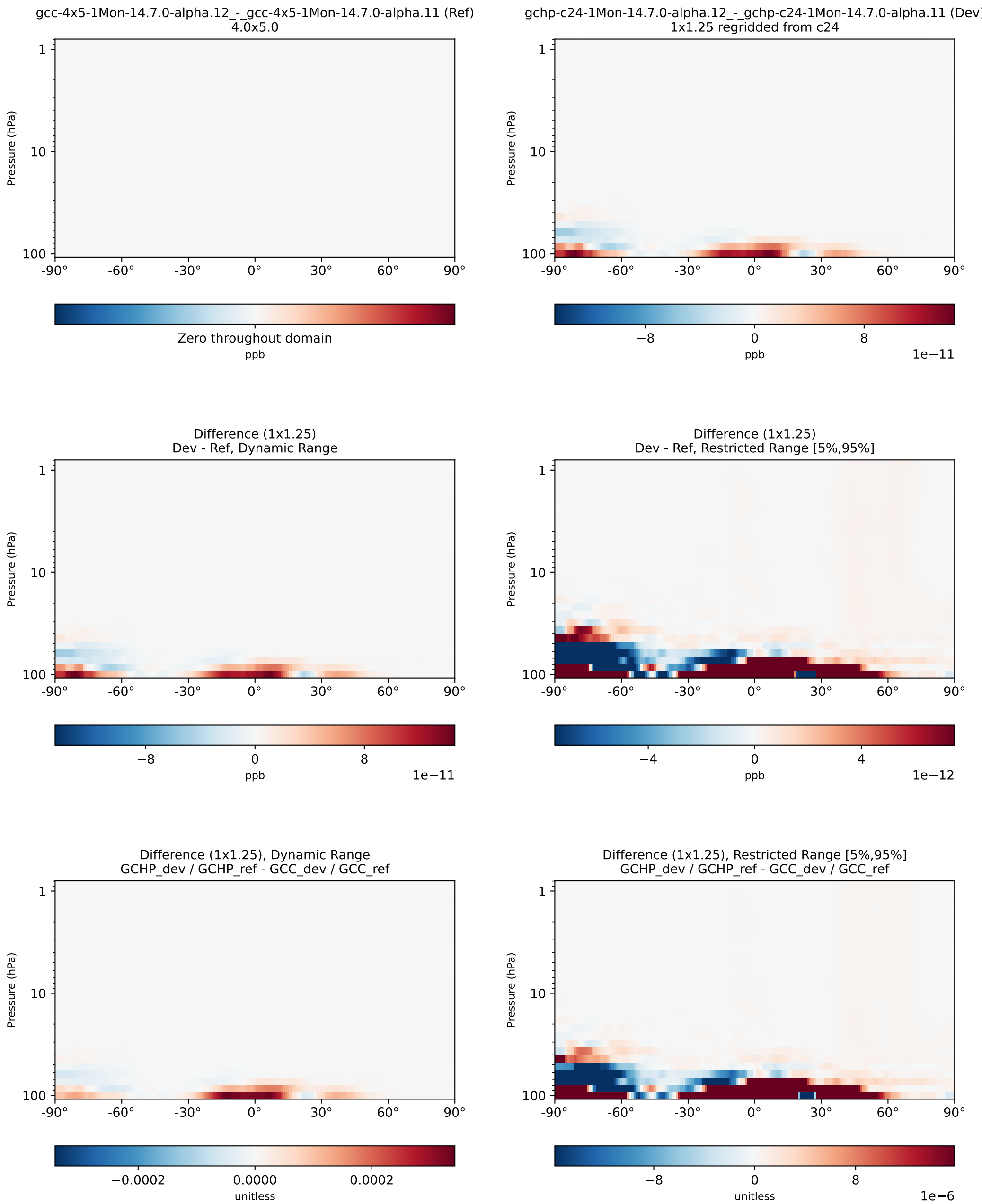
SpeciesConcVV_BrSALA, Zonal Mean



SpeciesConcVV_BrSALC, Zonal Mean

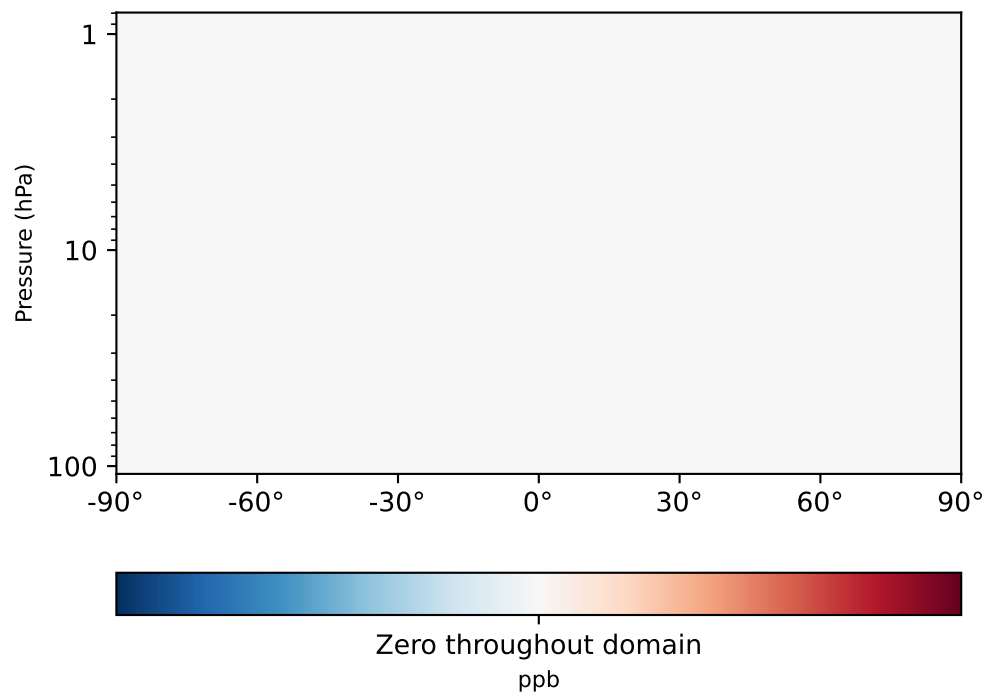


SpeciesConcVV_ISALA, Zonal Mean

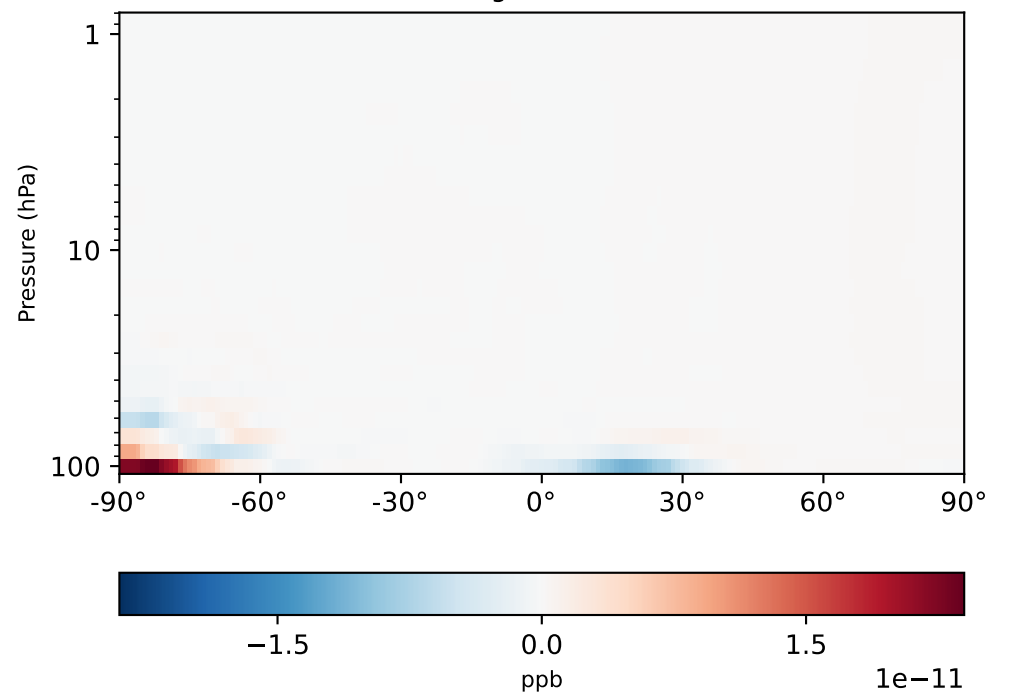


SpeciesConcVV_ISALC, Zonal Mean

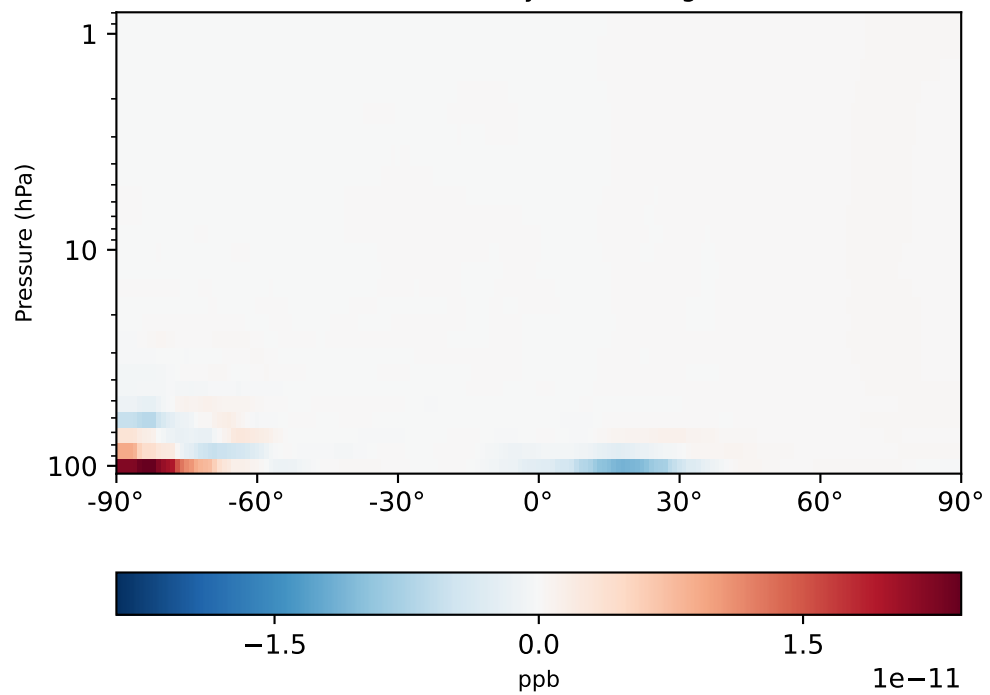
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



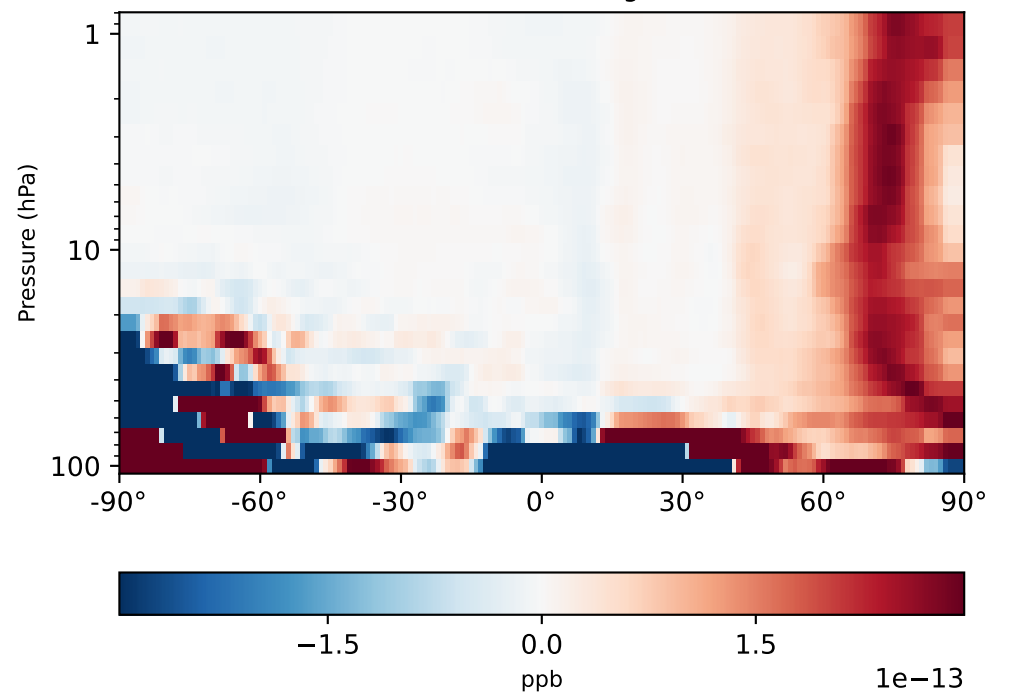
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



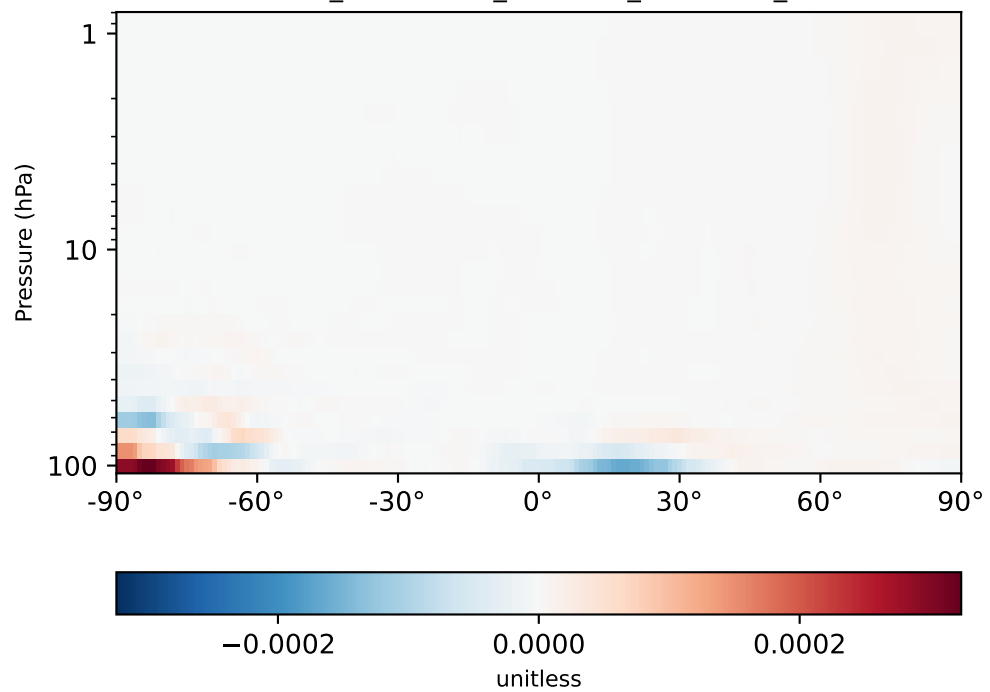
Difference (1x1.25)
Dev - Ref, Dynamic Range



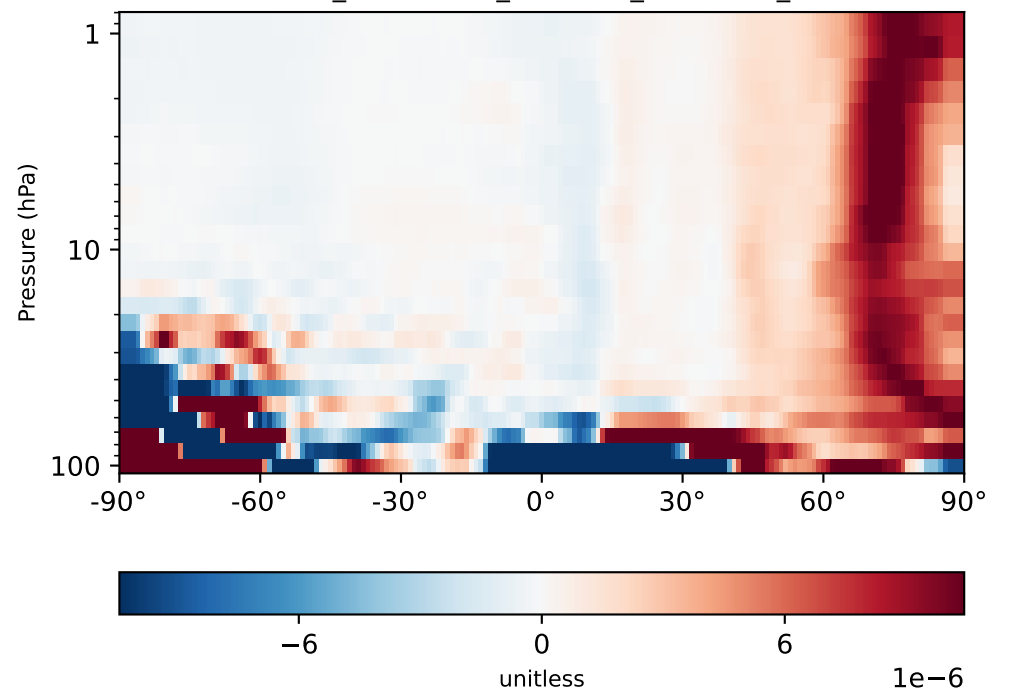
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

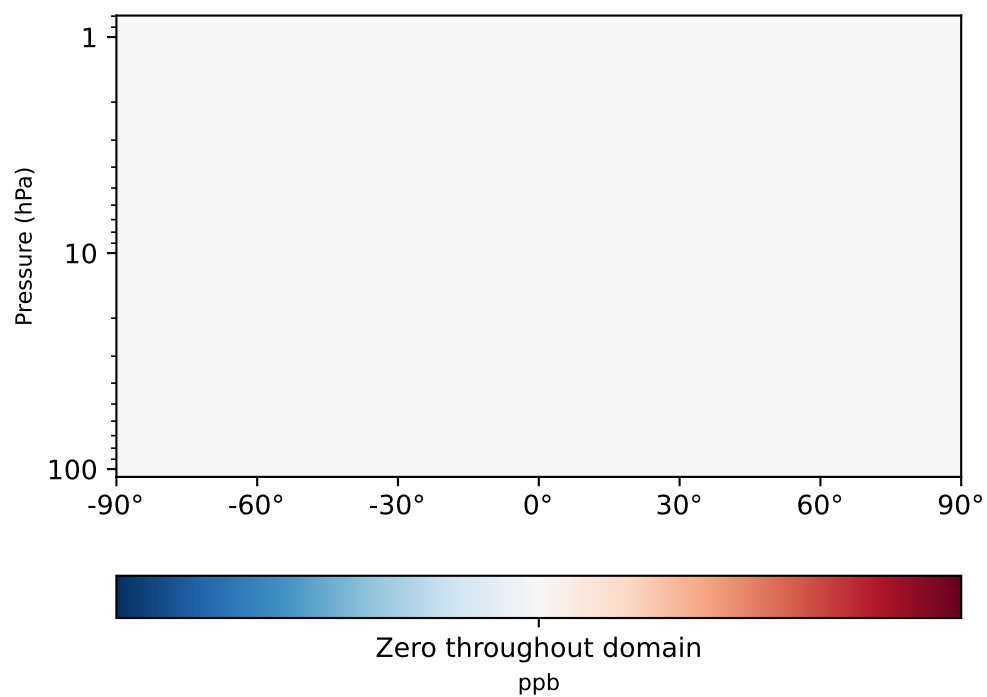


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

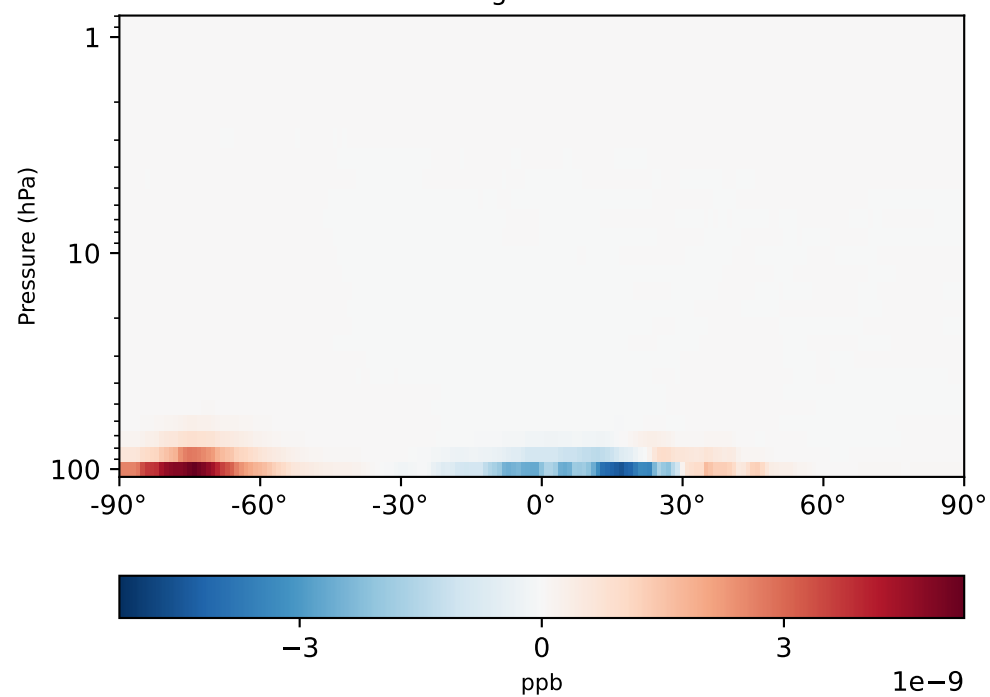


SpeciesConcVV_NITs, Zonal Mean

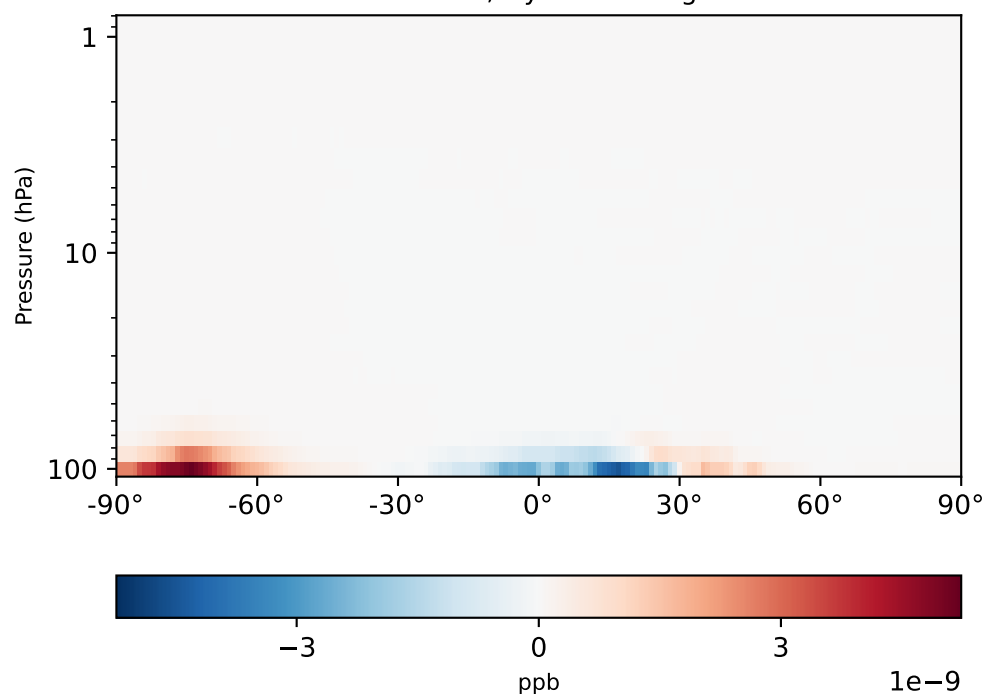
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



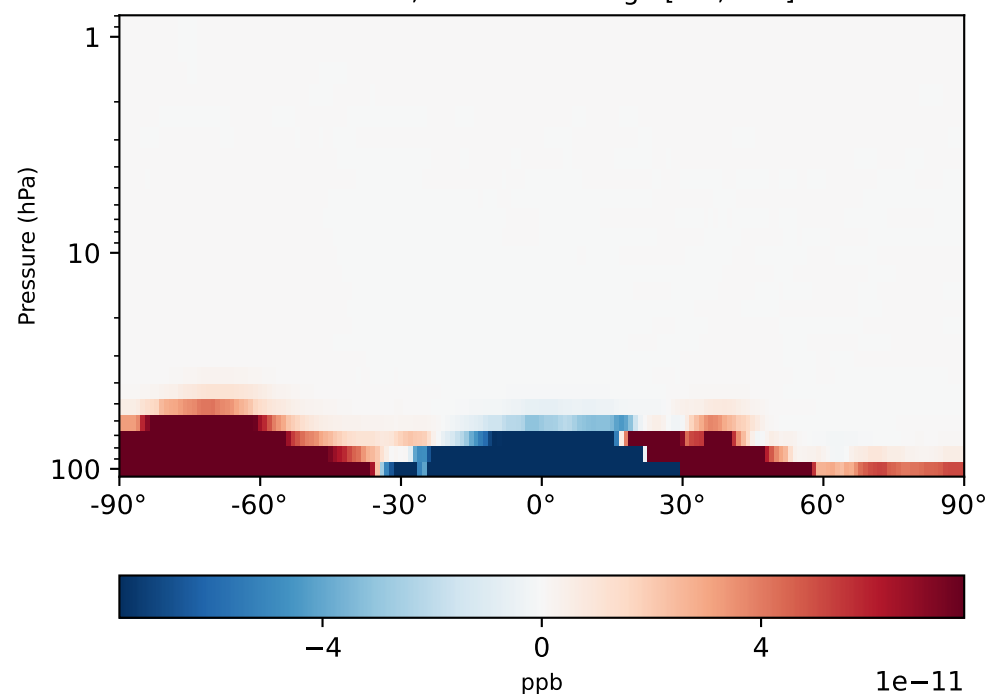
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



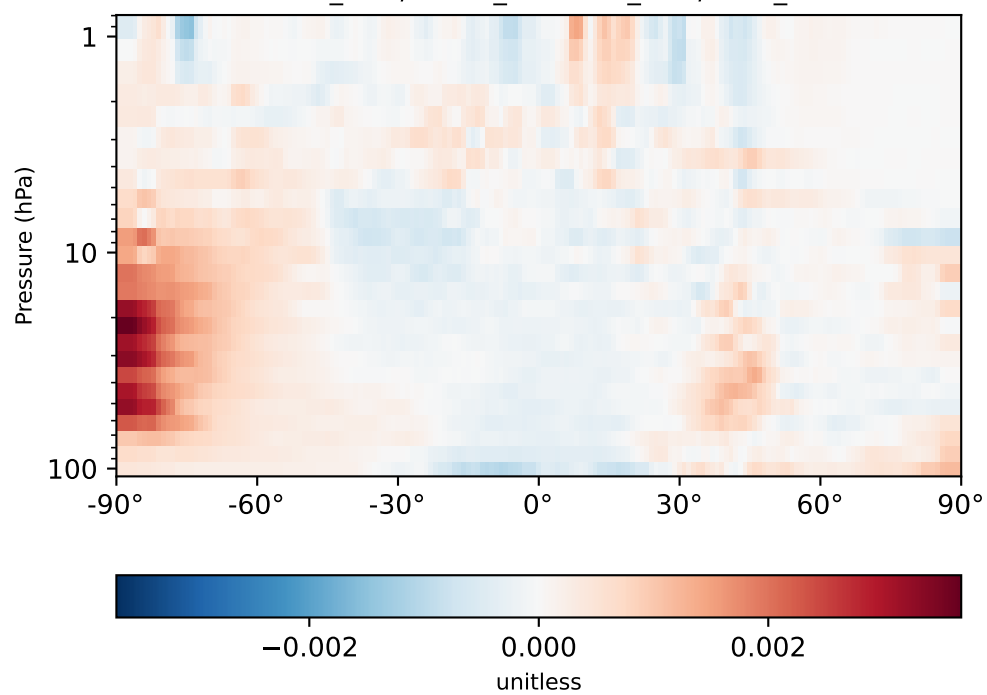
Difference (1x1.25)
Dev - Ref, Dynamic Range



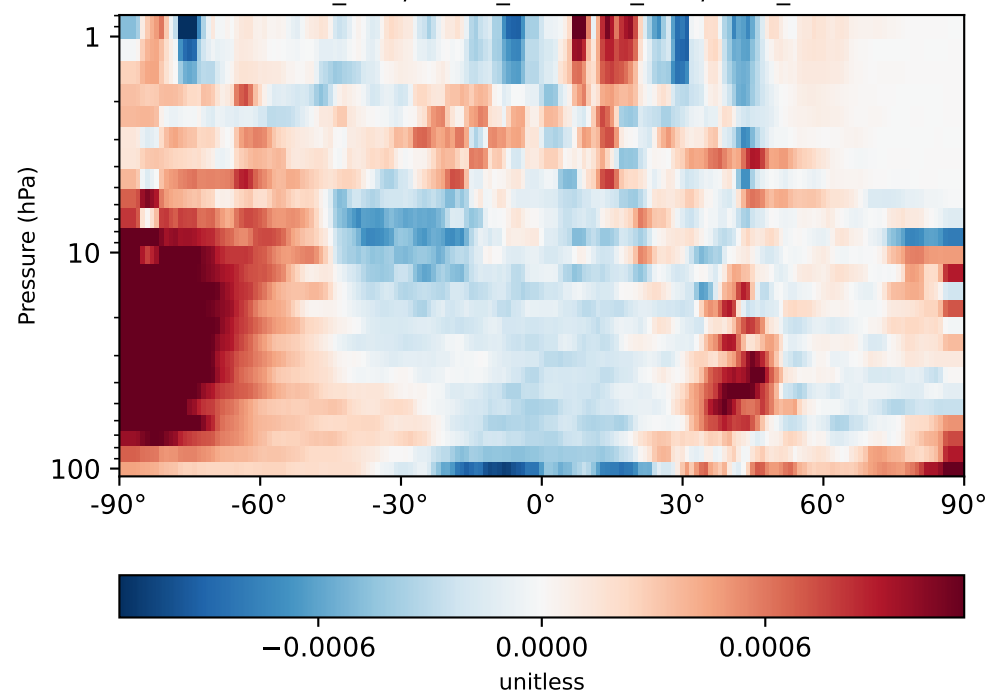
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

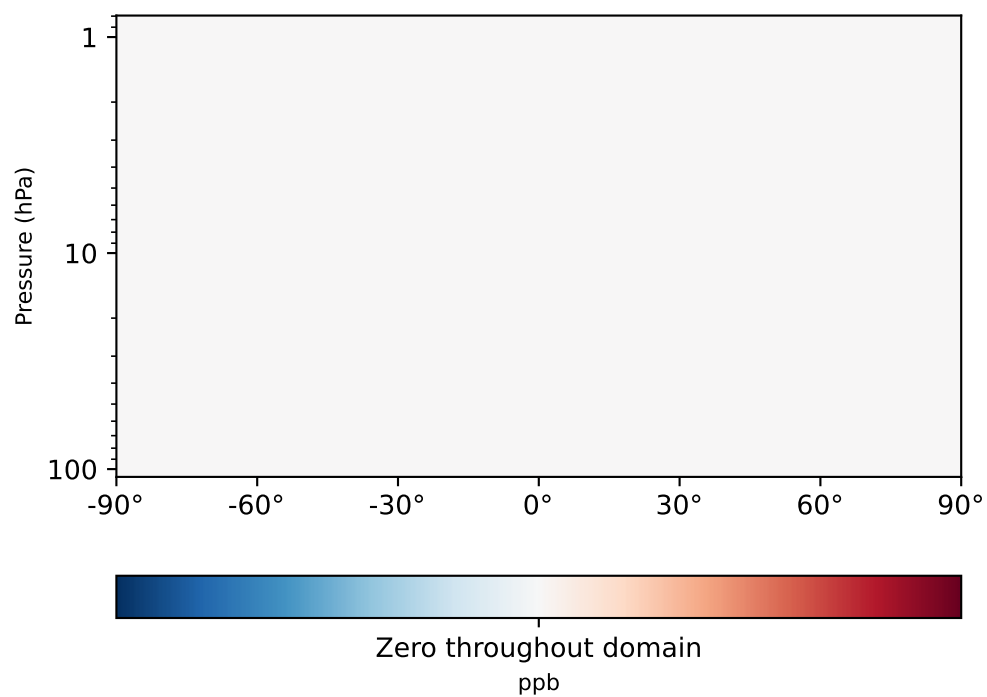


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

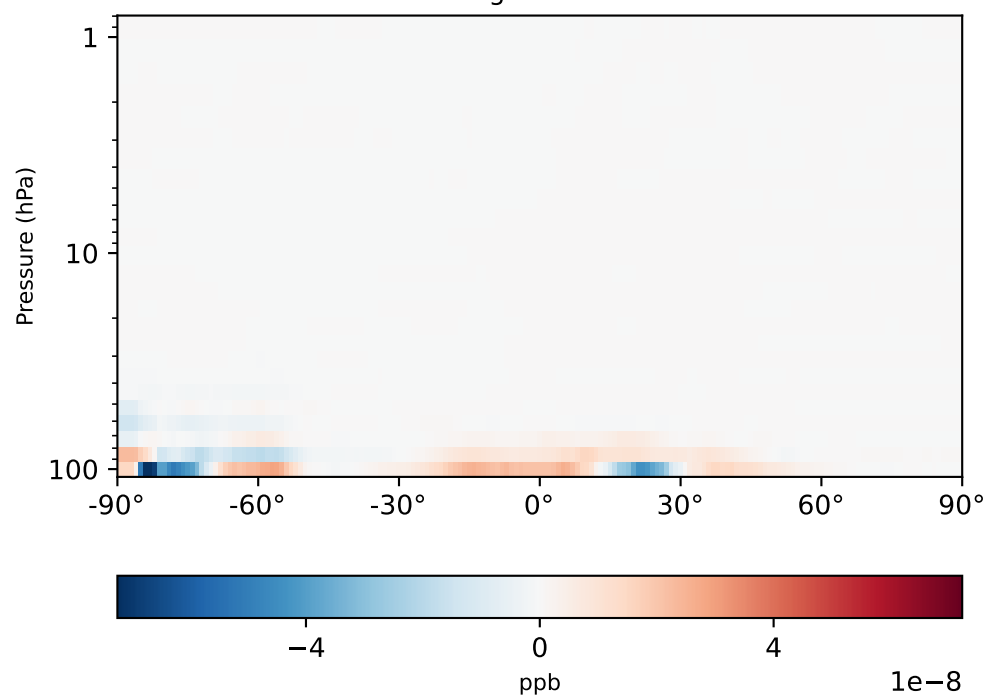


SpeciesConcVV_SALA, Zonal Mean

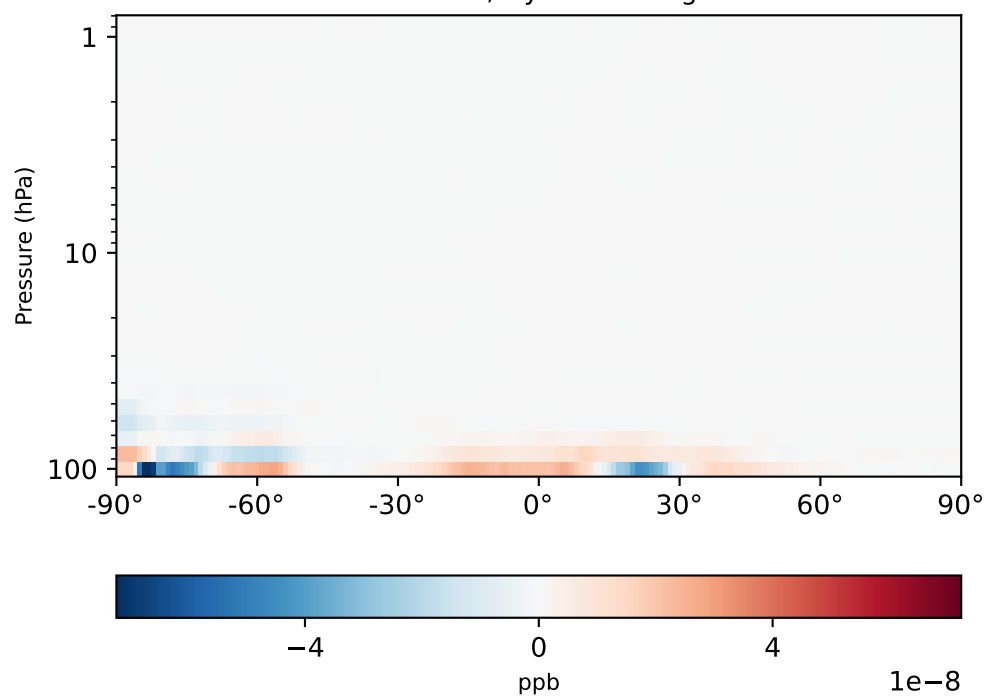
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



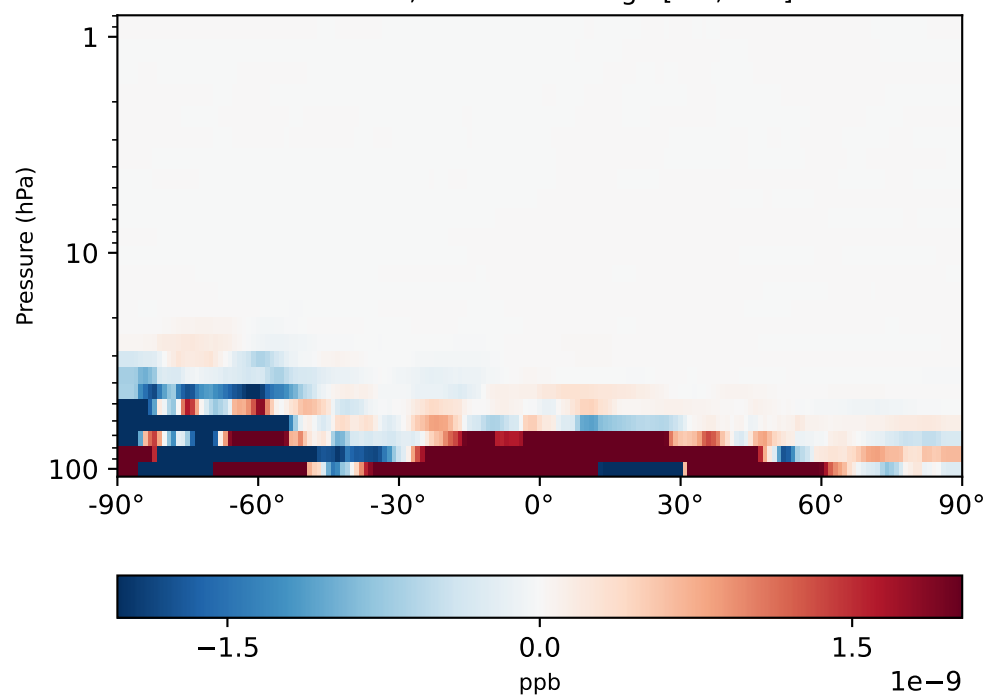
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



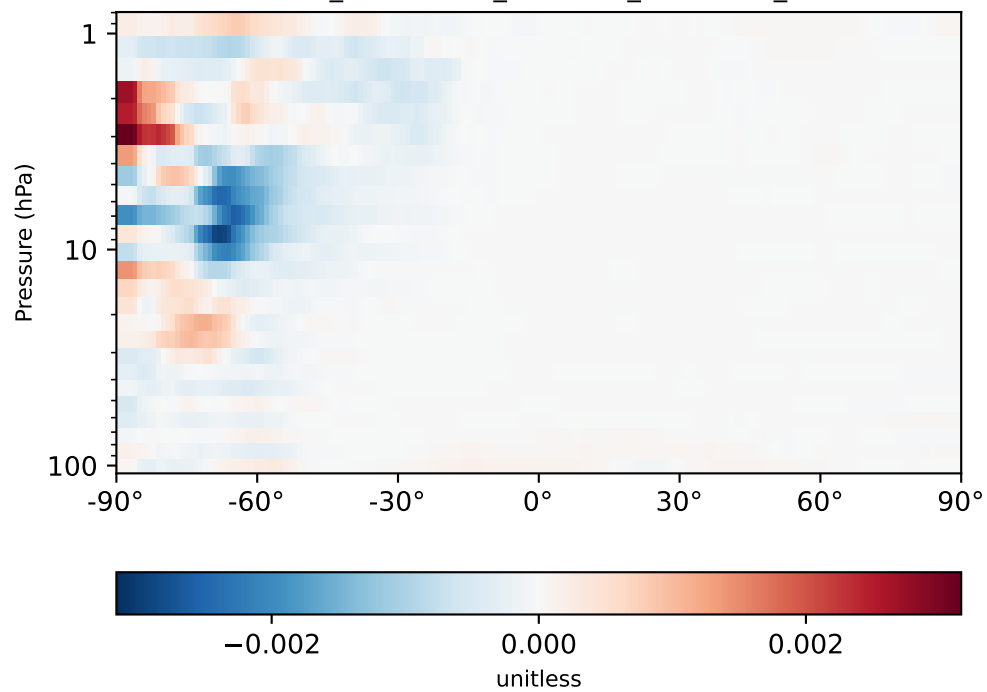
Difference (1x1.25)
Dev - Ref, Dynamic Range



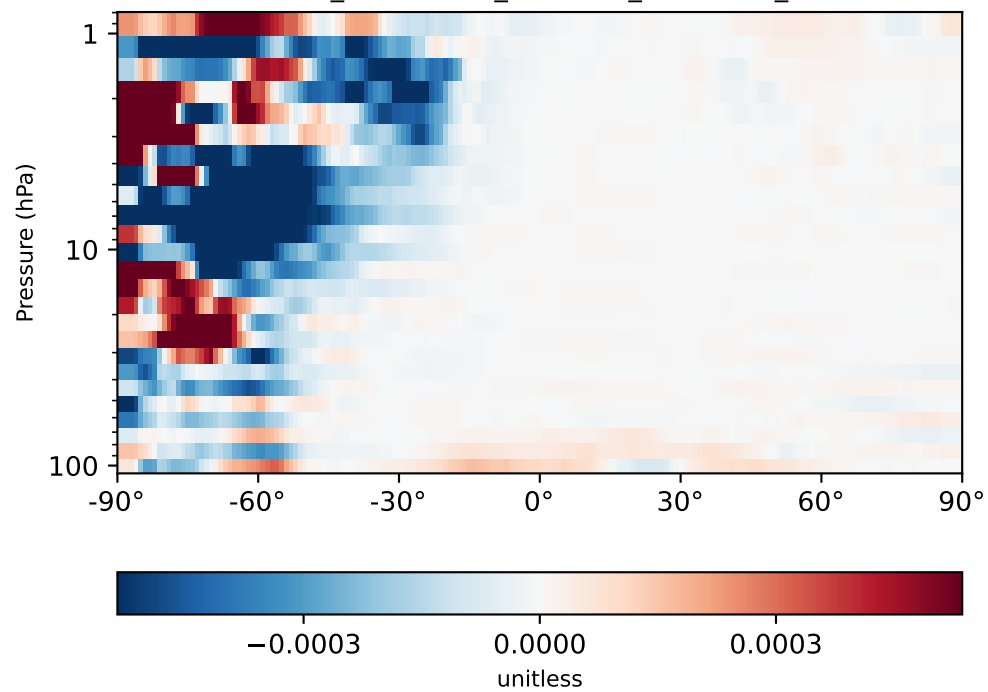
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

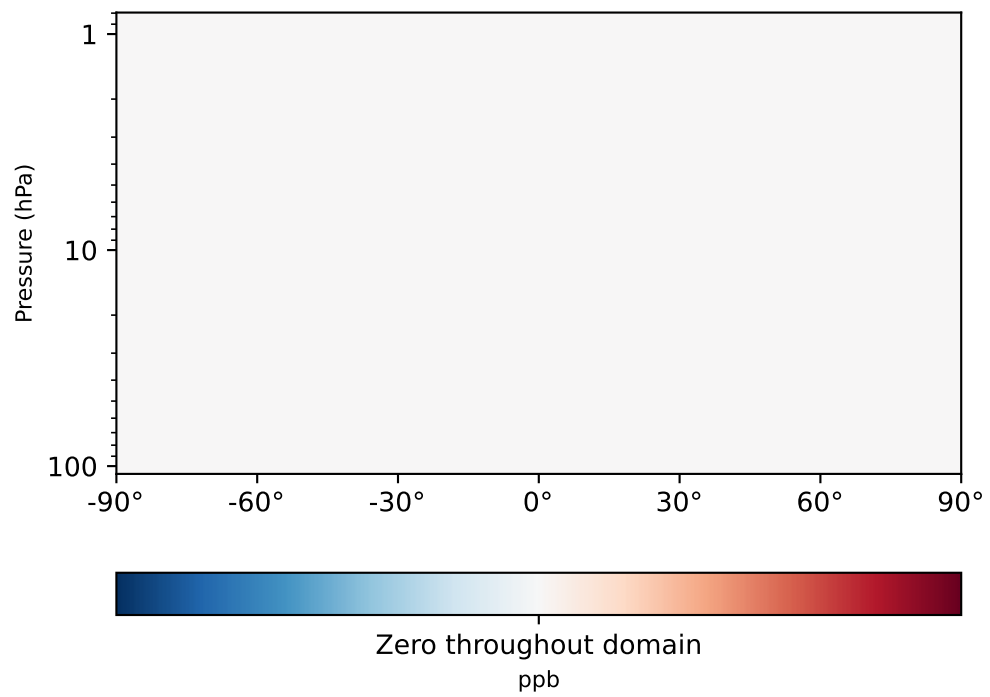


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

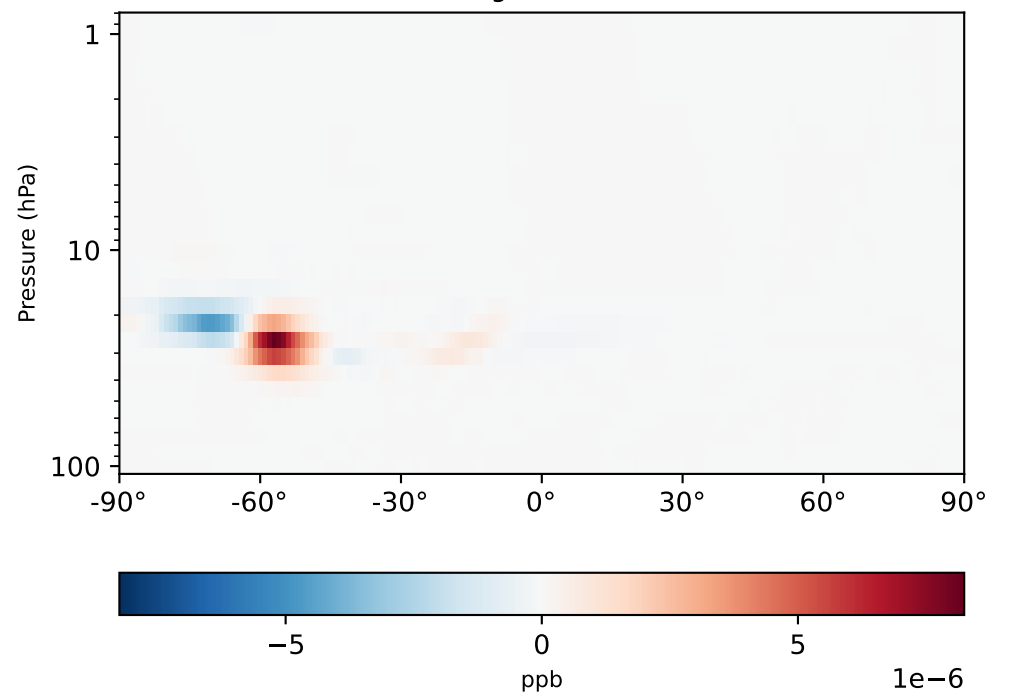


SpeciesConcVV_SALAAL, Zonal Mean

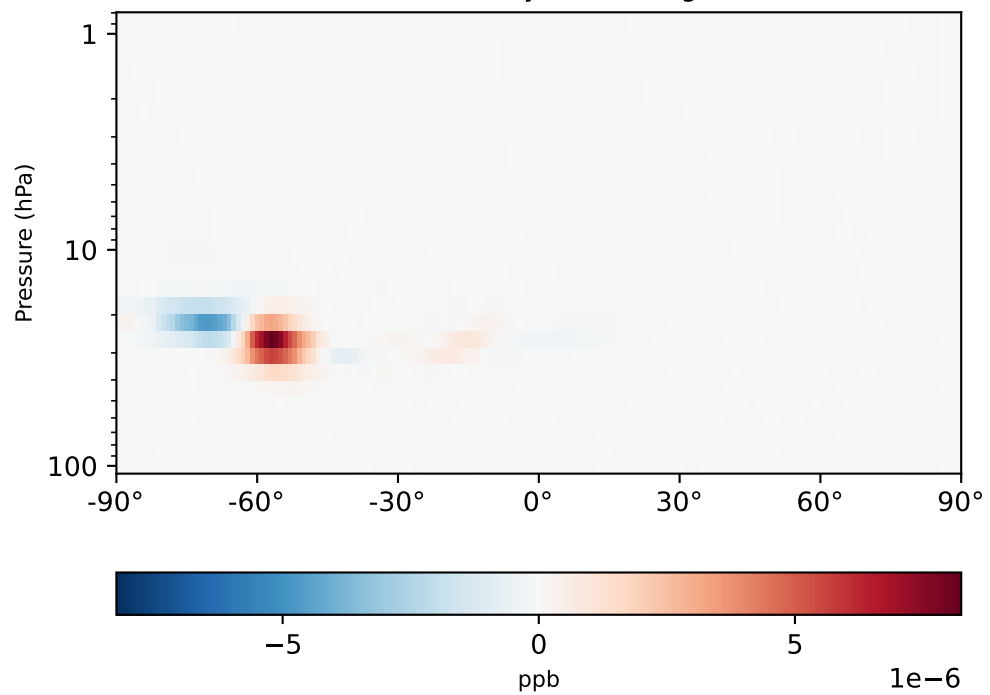
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



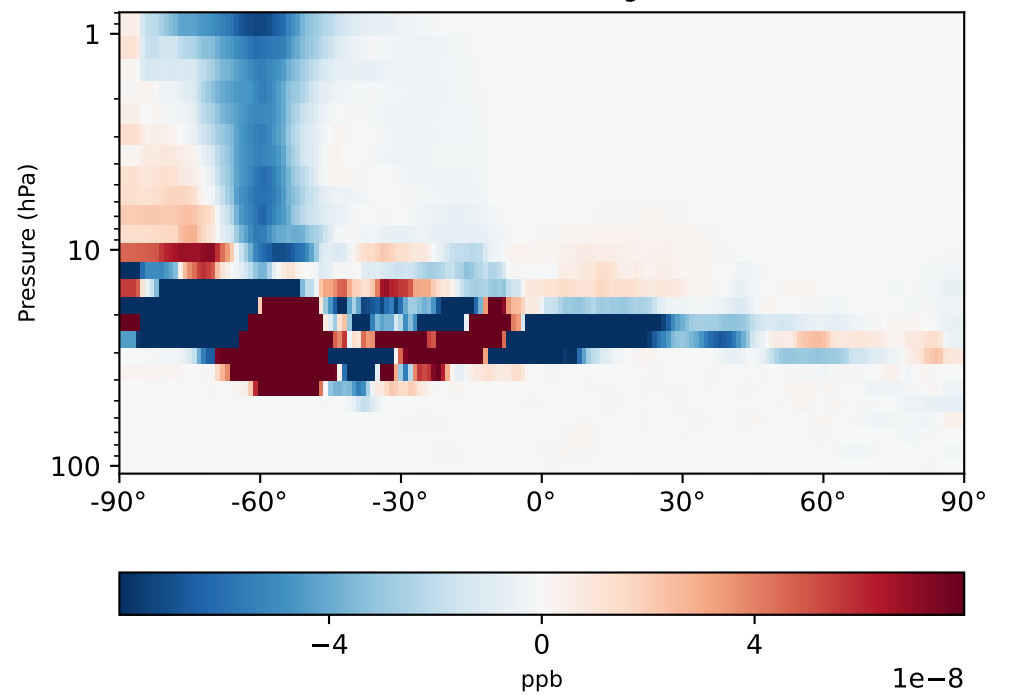
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



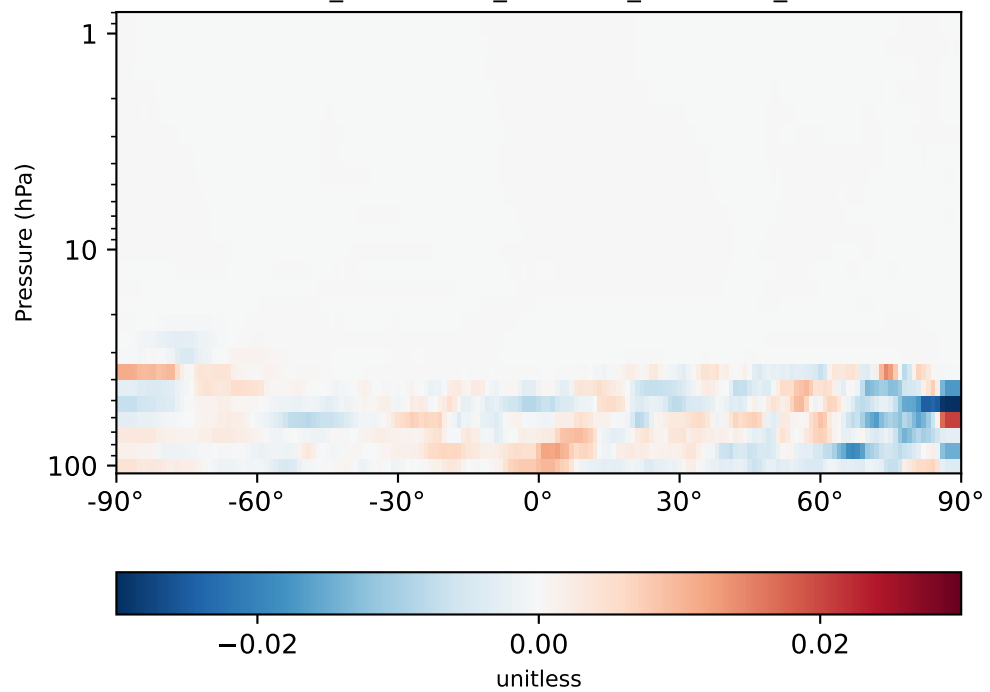
Difference (1x1.25)
Dev - Ref, Dynamic Range



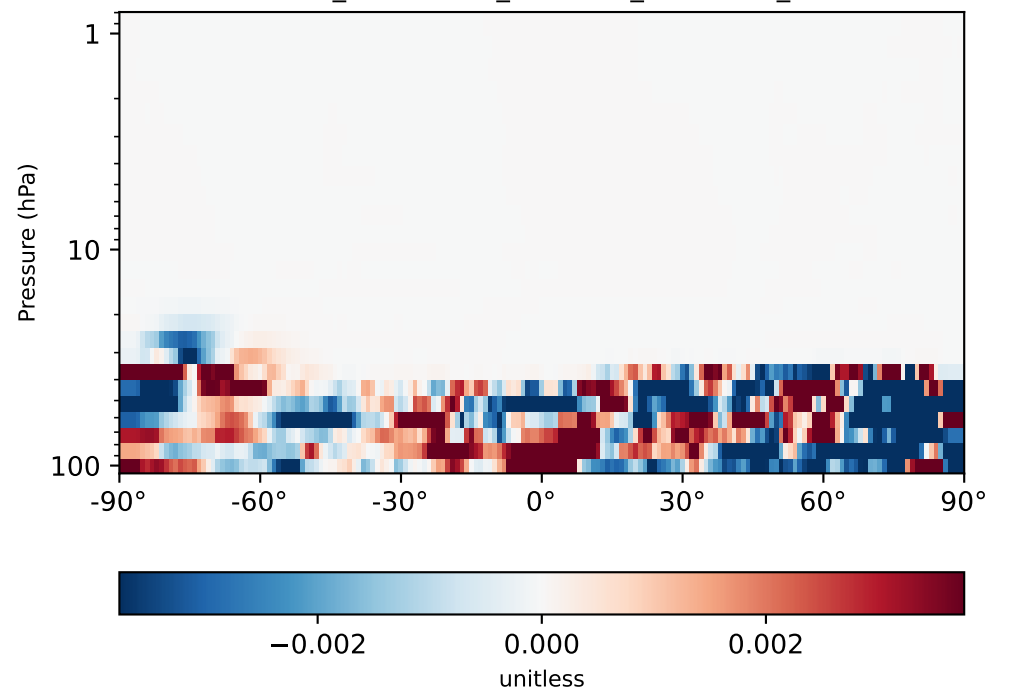
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

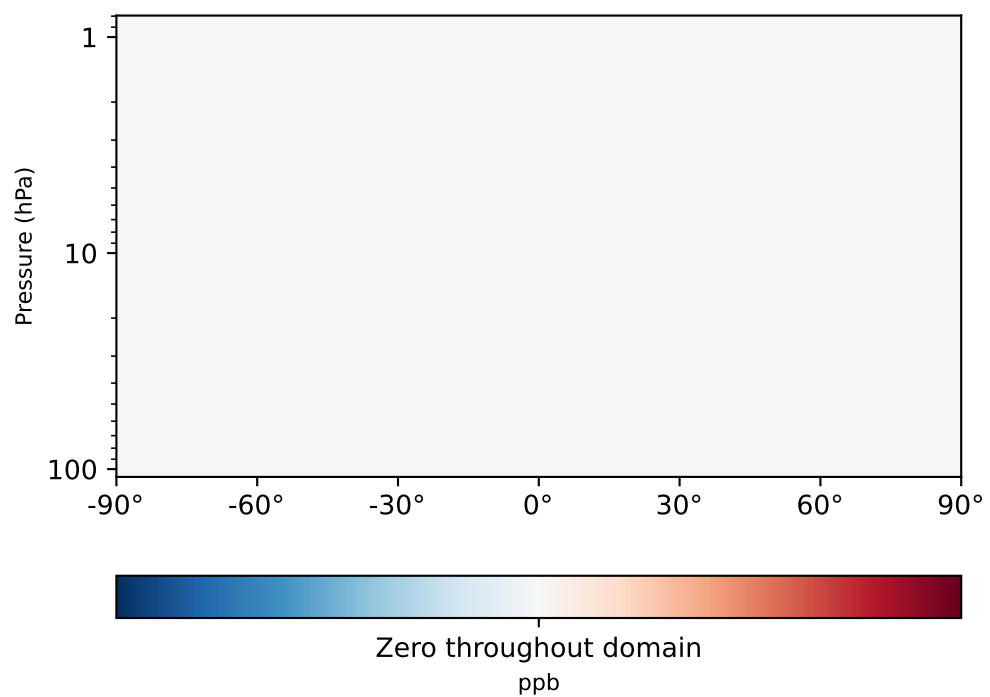


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

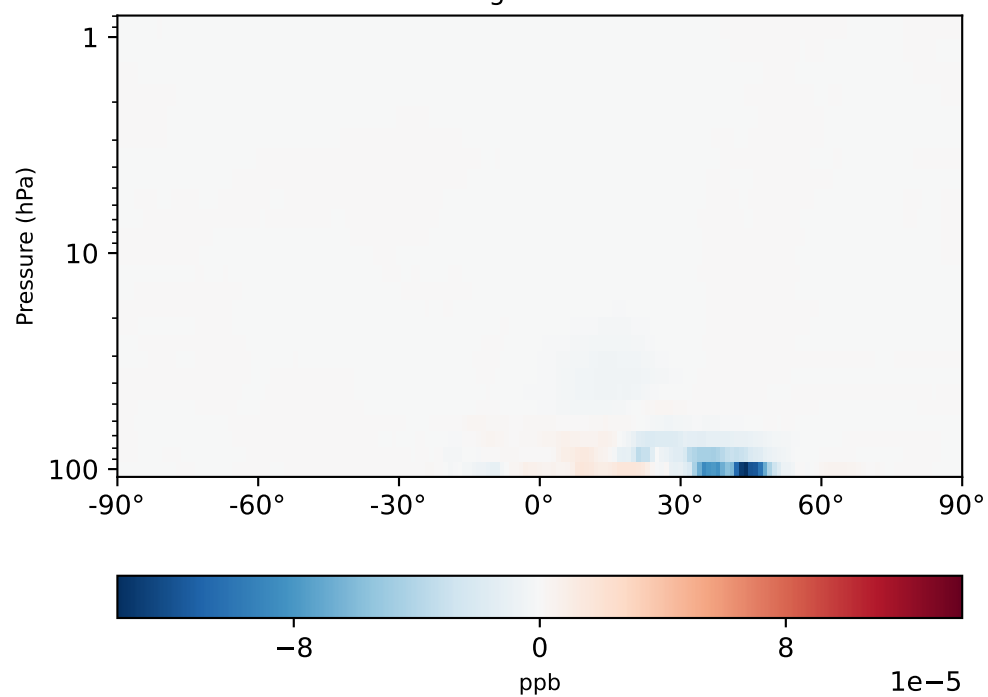


SpeciesConcVV_SALACL, Zonal Mean

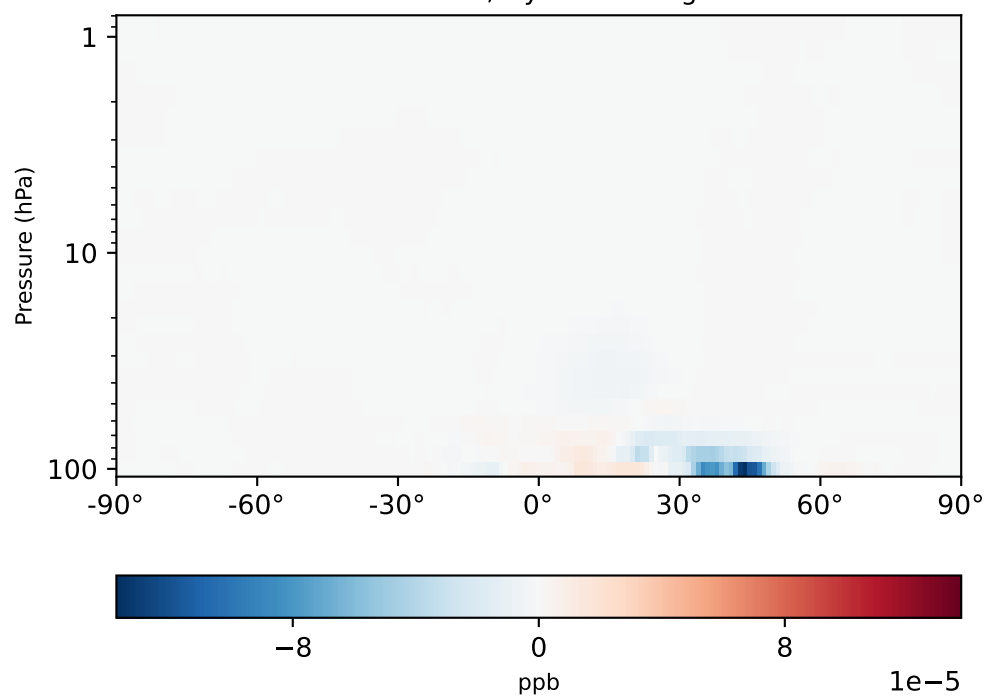
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



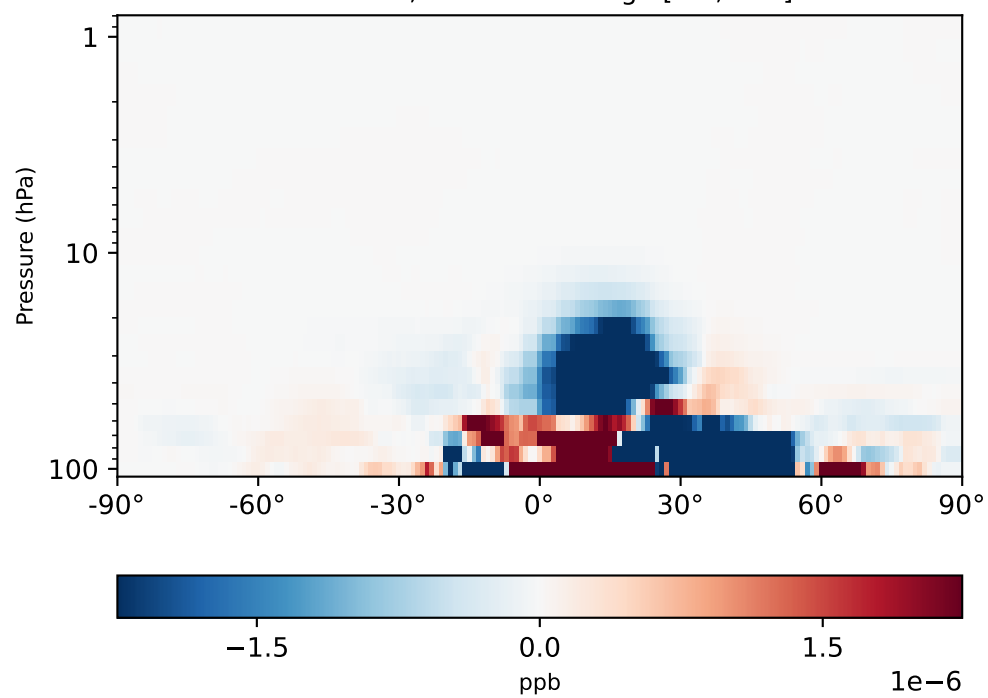
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



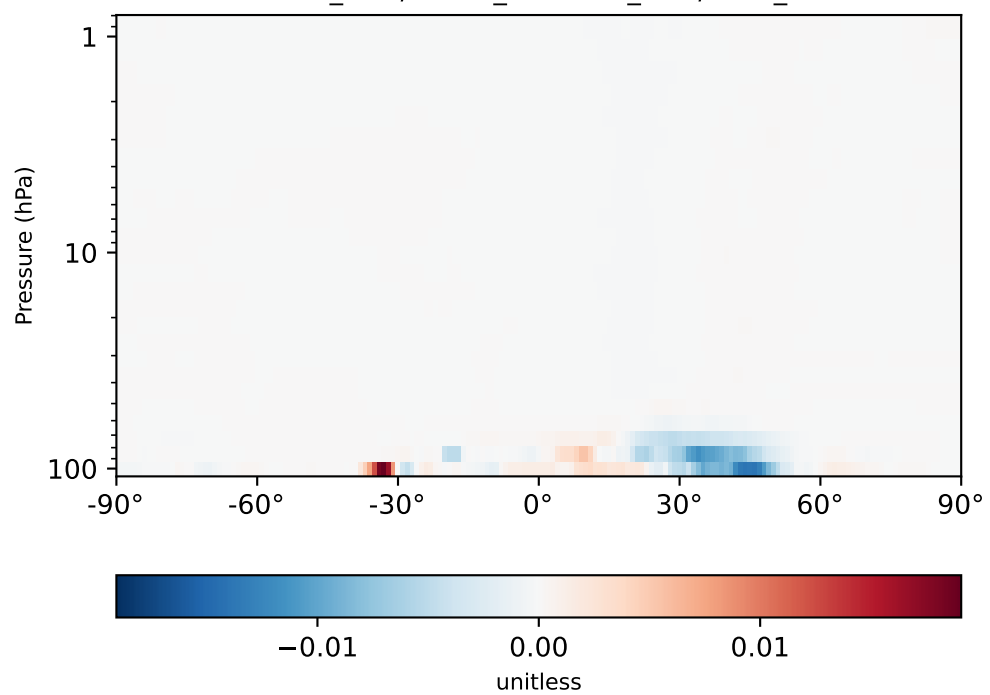
Difference (1x1.25)
Dev - Ref, Dynamic Range



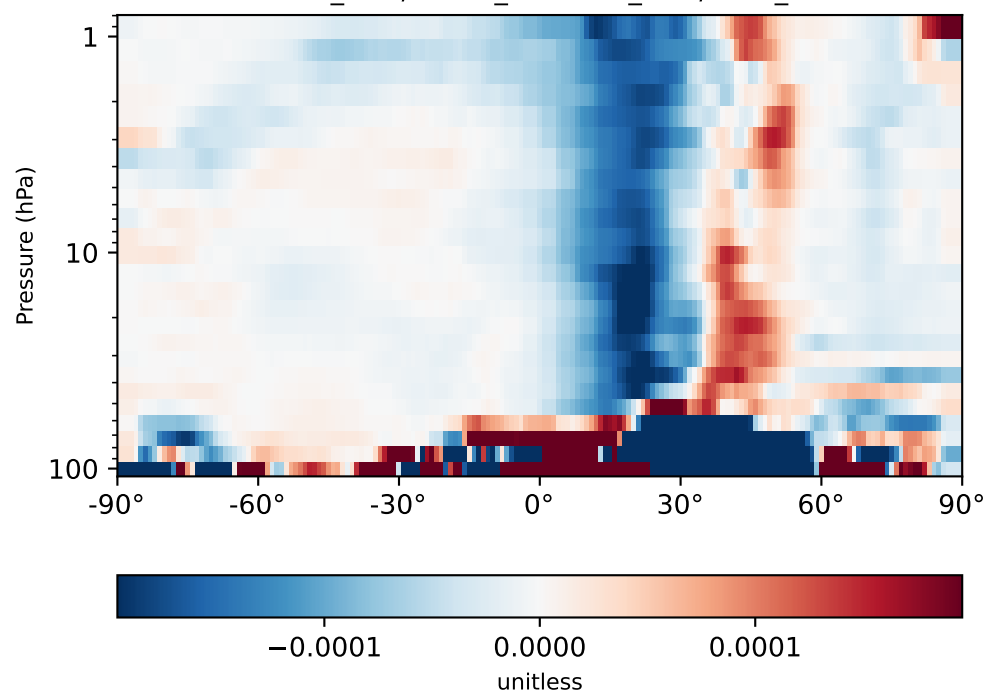
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

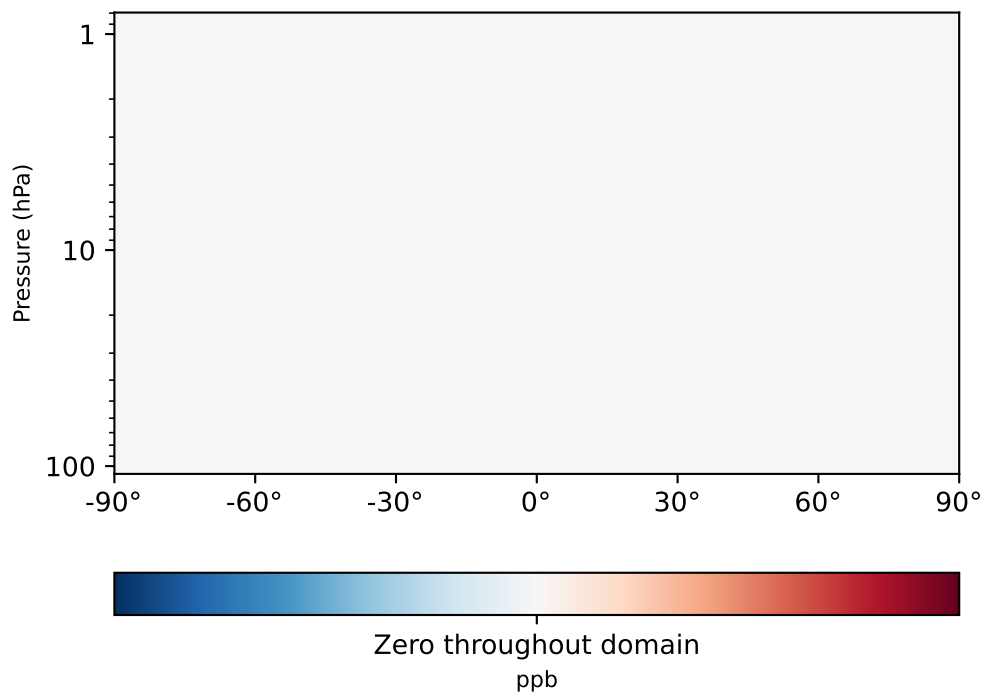


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

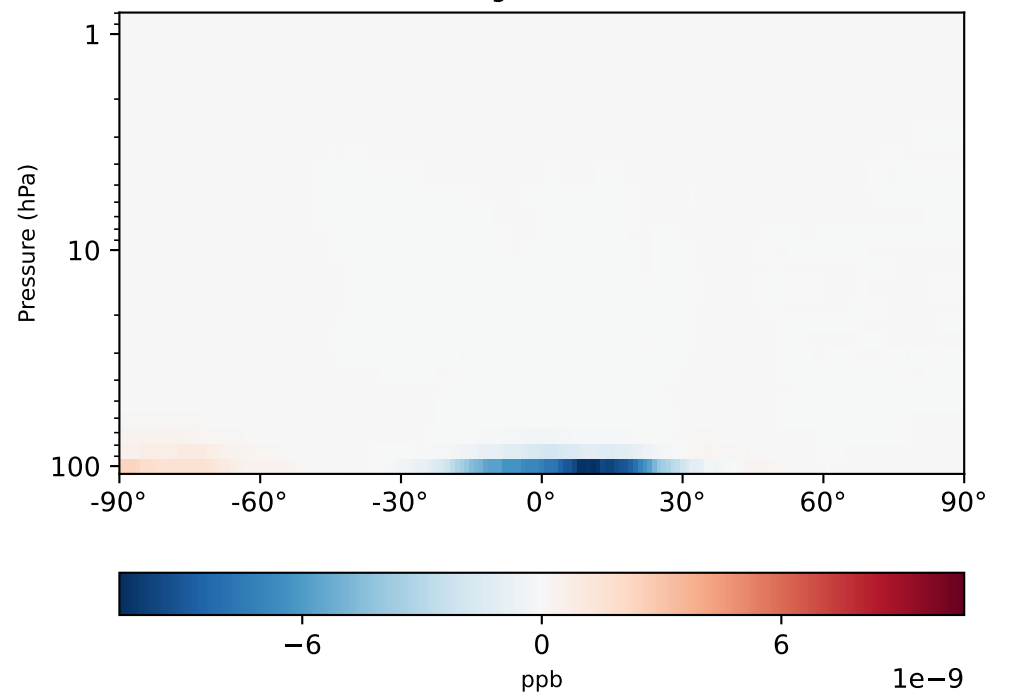


SpeciesConcVV_SALC, Zonal Mean

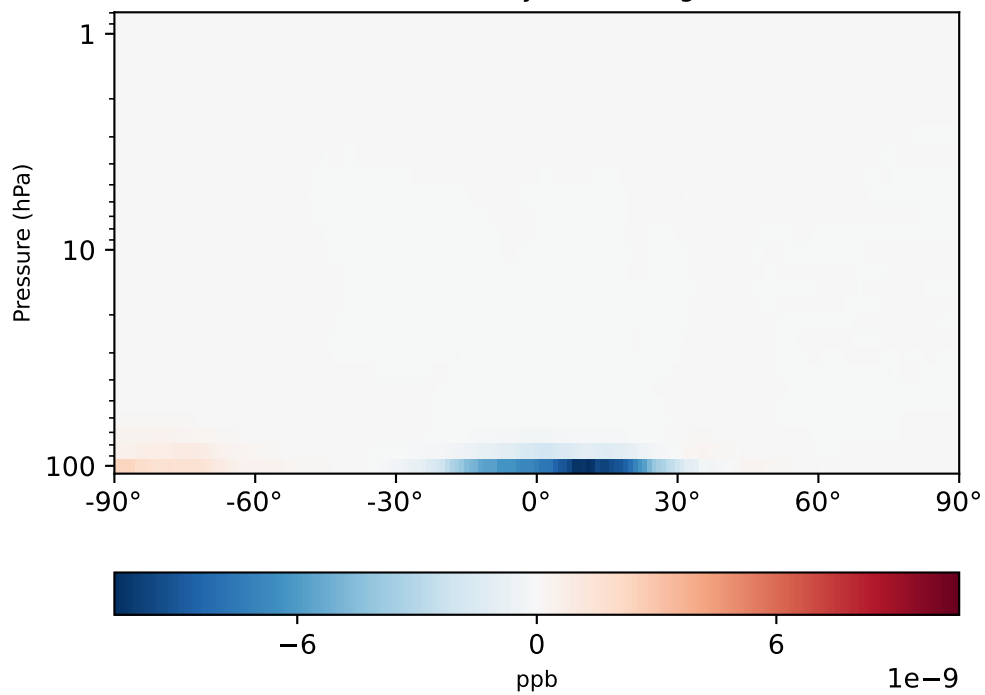
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



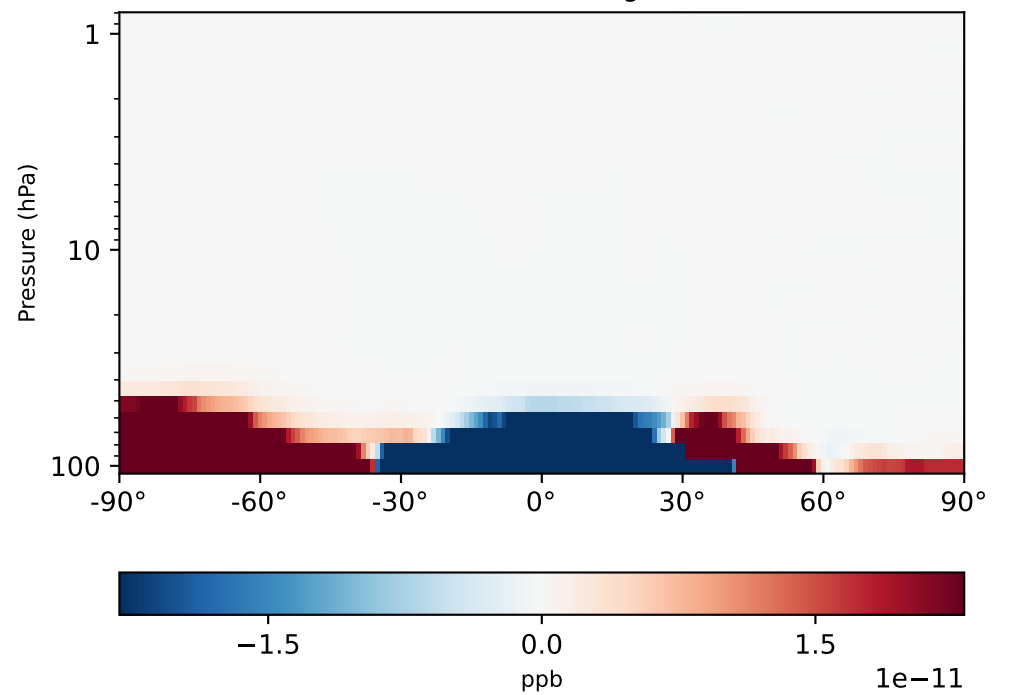
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



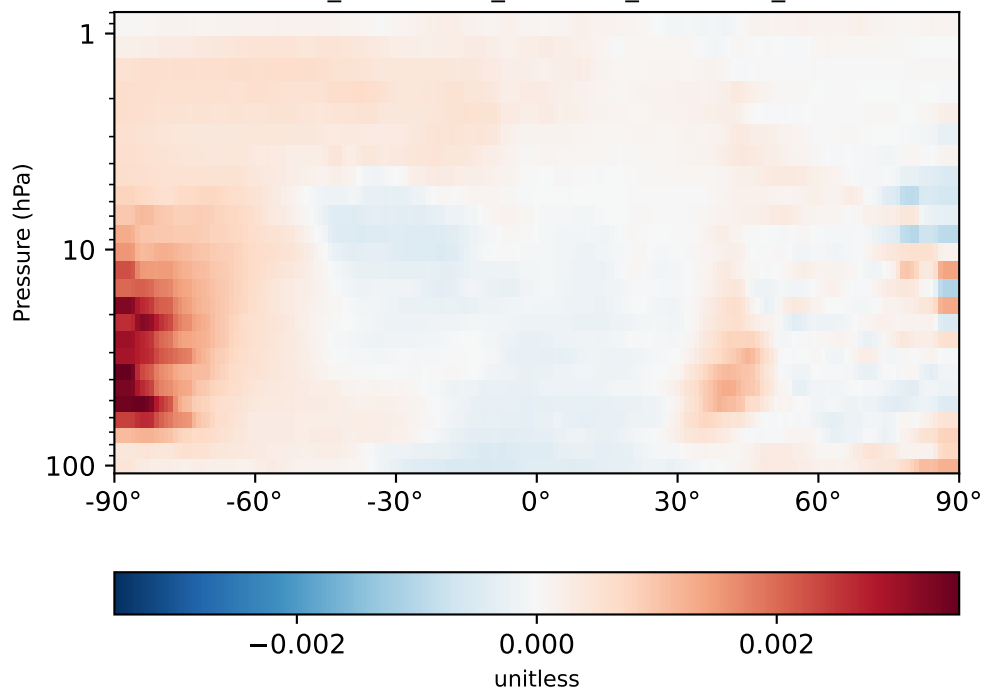
Difference (1x1.25)
Dev - Ref, Dynamic Range



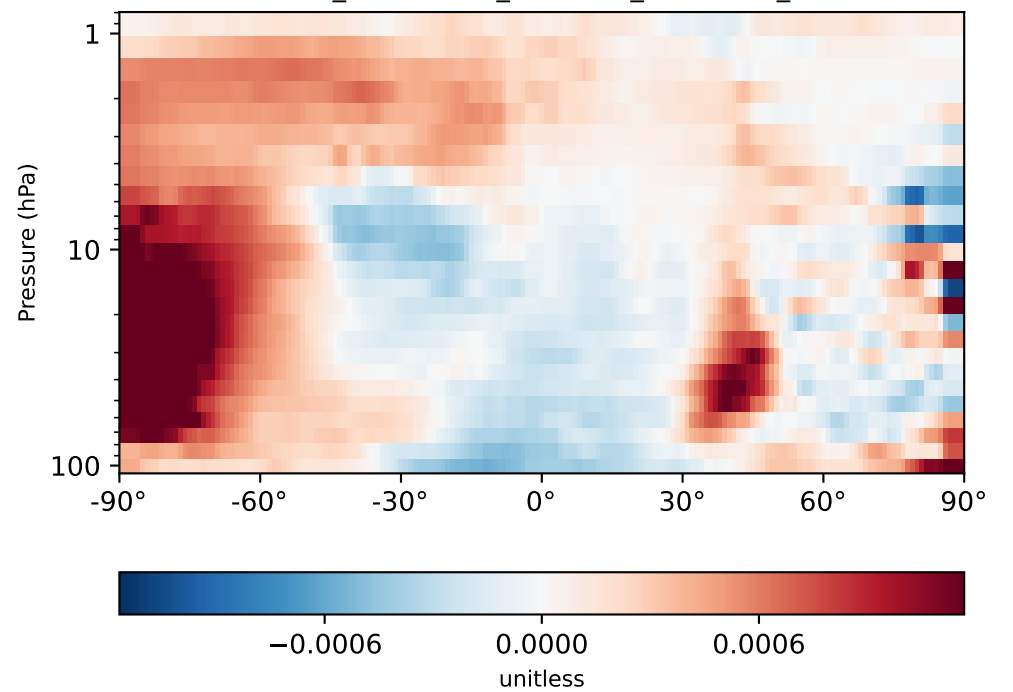
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

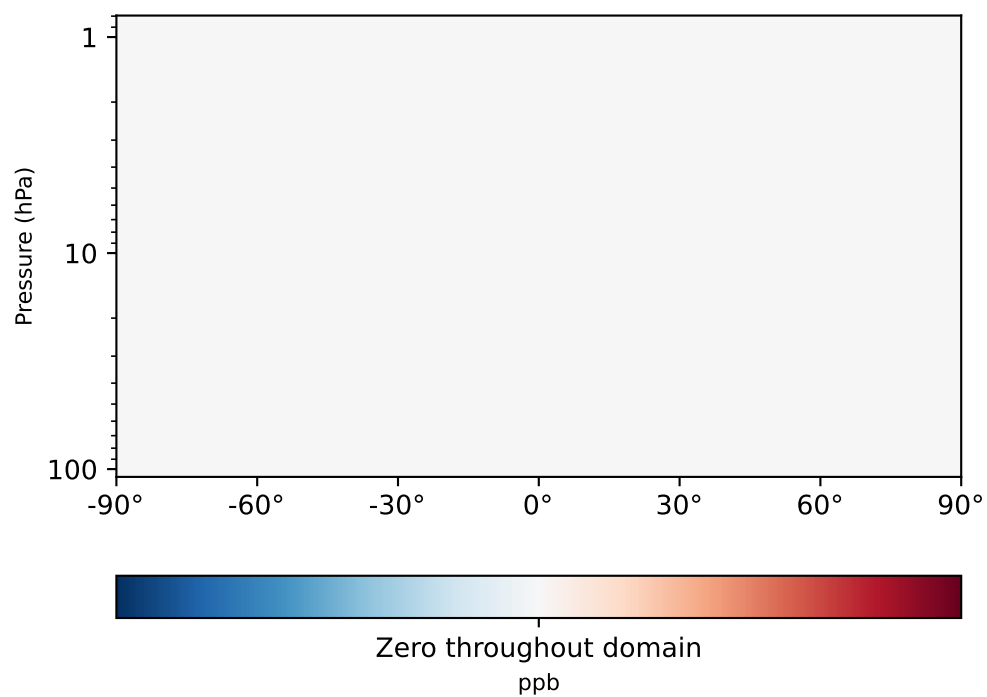


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

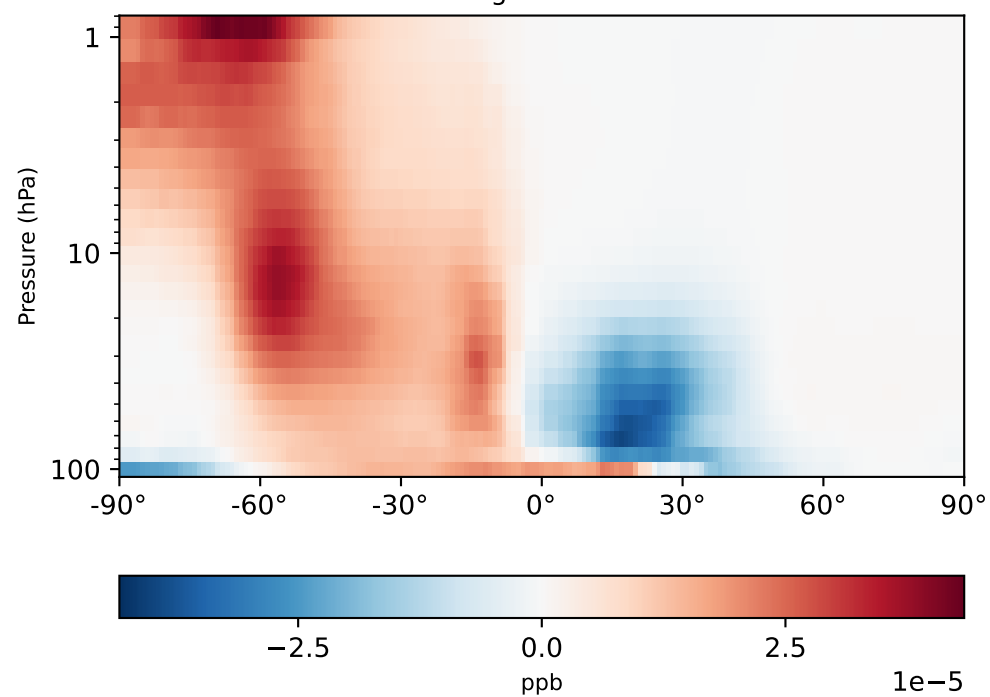


SpeciesConcVV_SALCAL, Zonal Mean

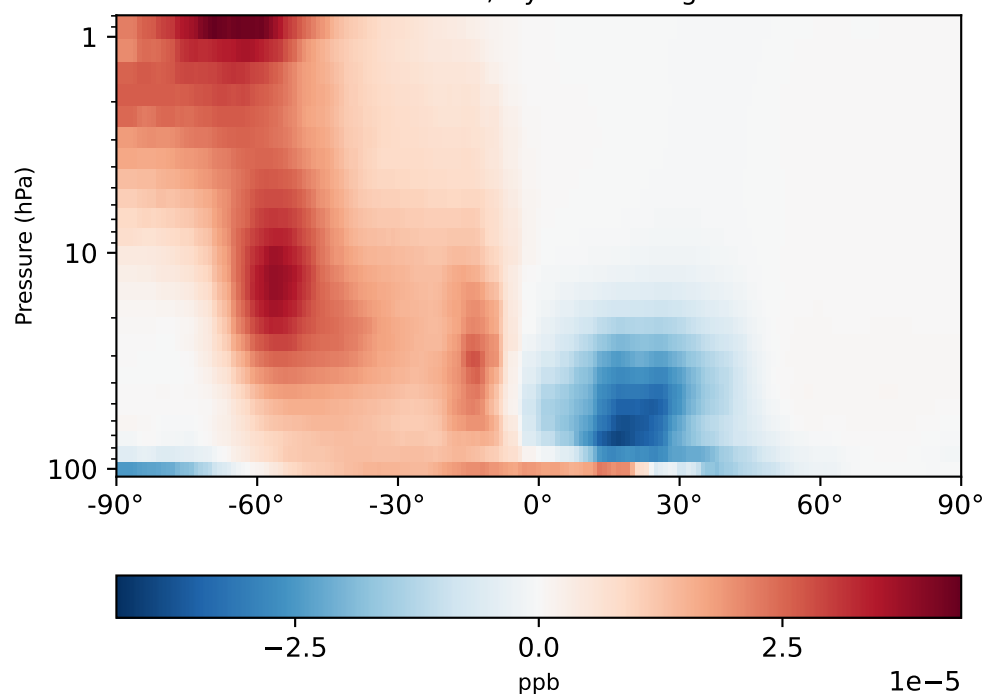
gcc-4x5-1Mon-14.7.0-alpha.12_- gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



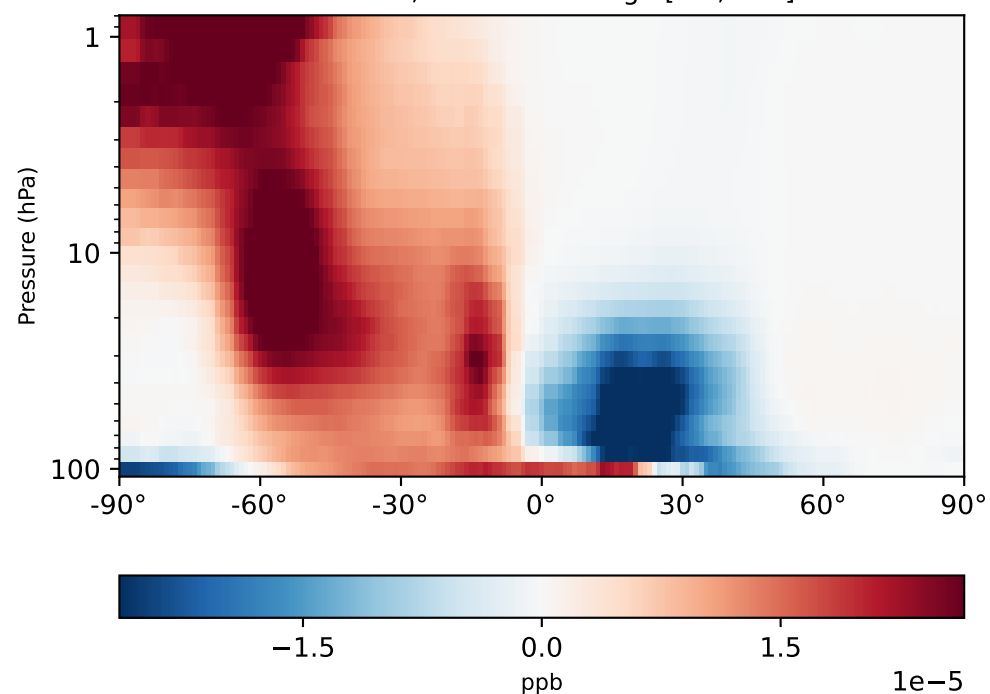
gchp-c24-1Mon-14.7.0-alpha.12_- gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridged from c24



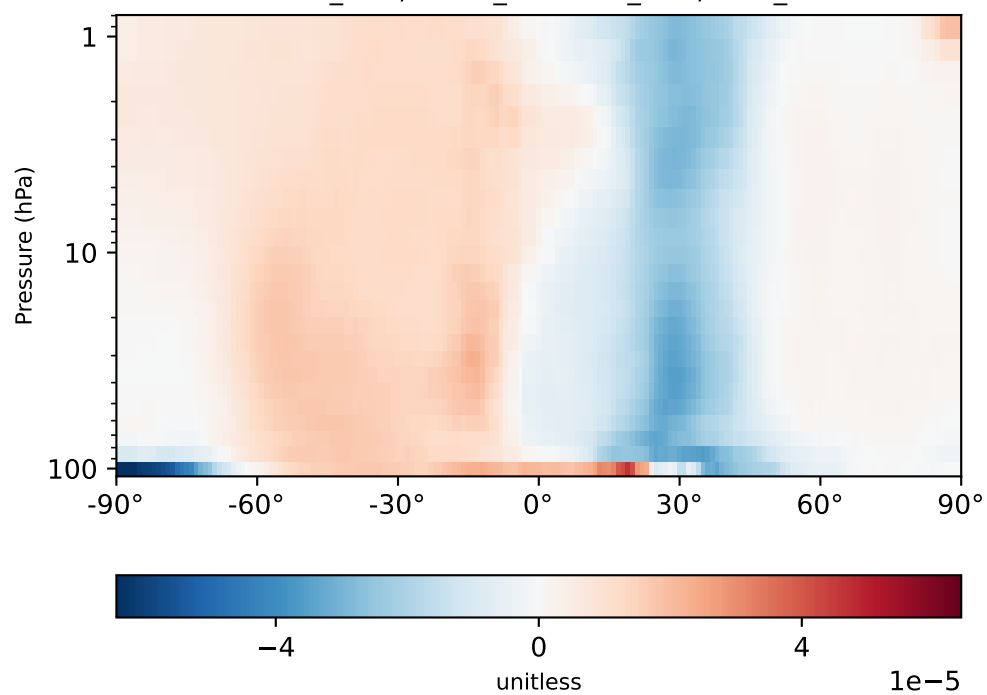
Difference (1x1.25)
Dev - Ref, Dynamic Range



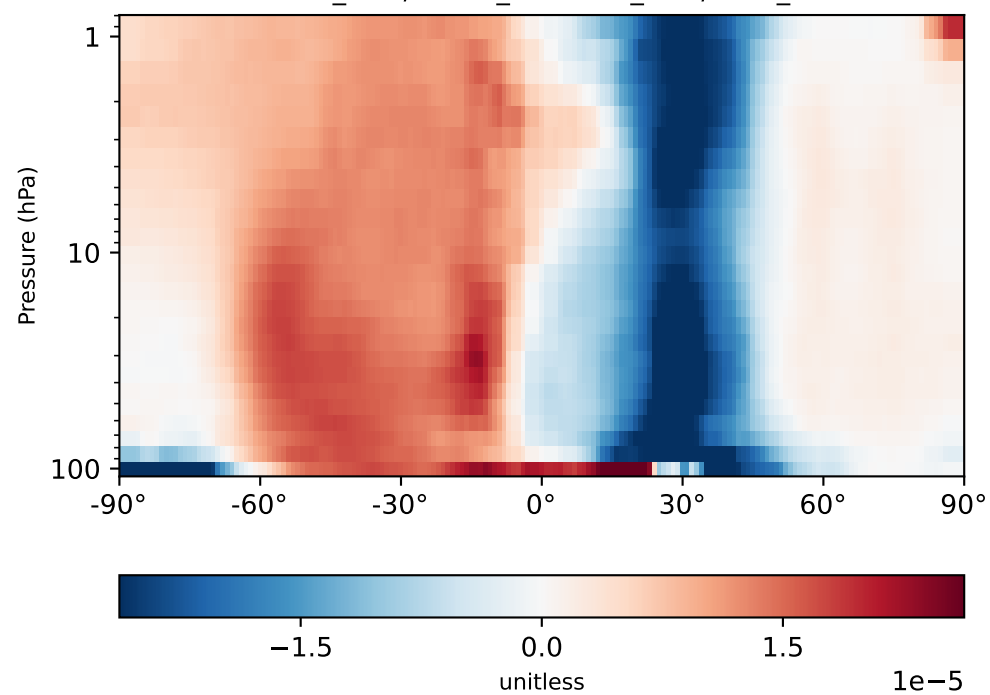
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

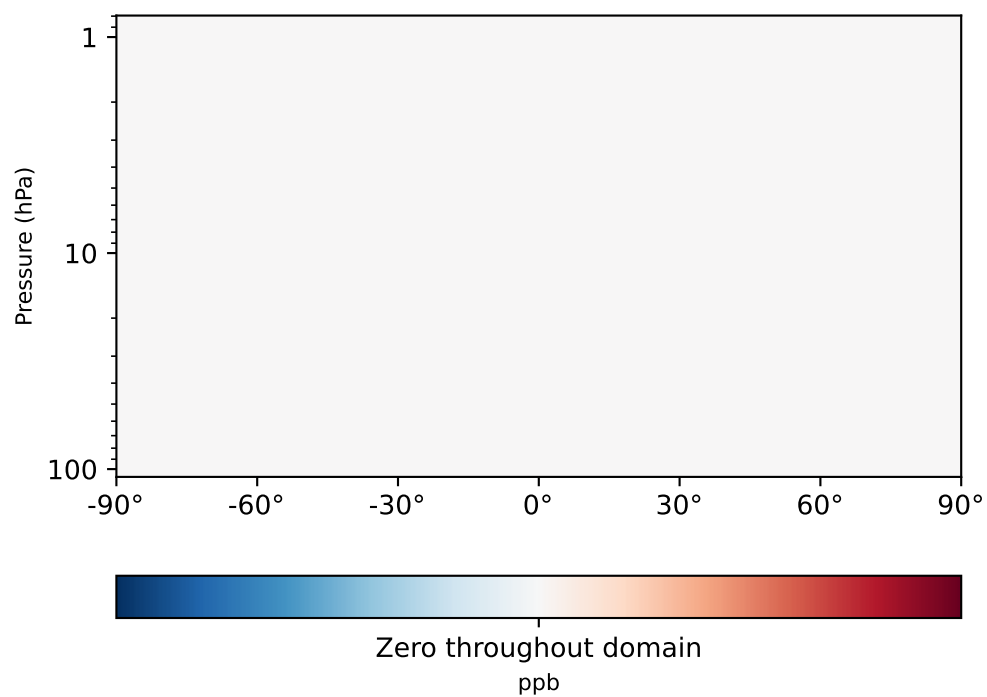


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

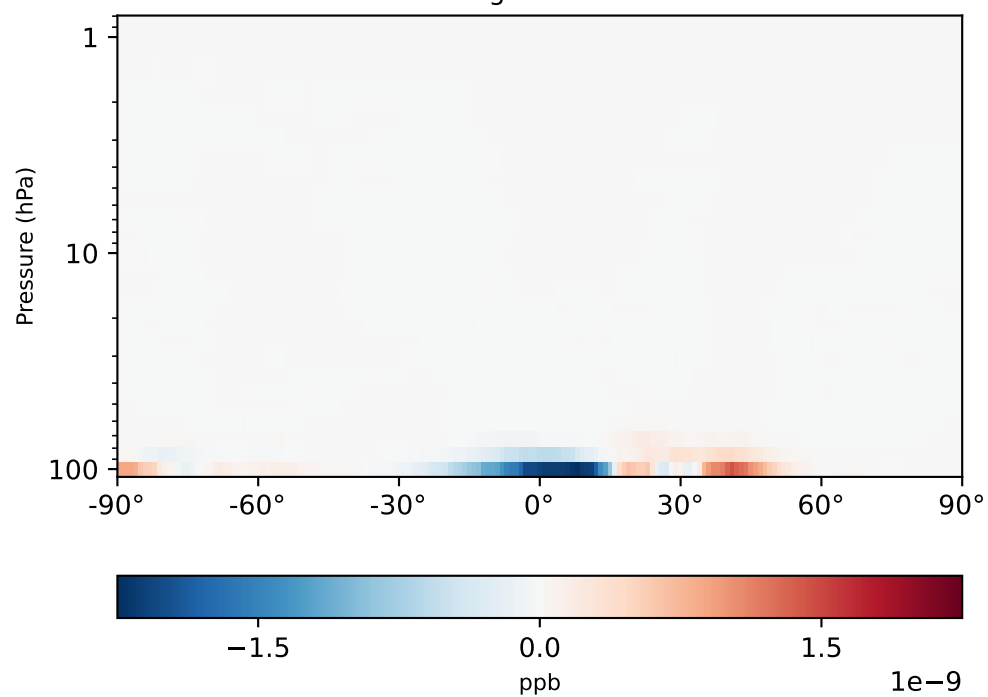


SpeciesConcVV_SALCCL, Zonal Mean

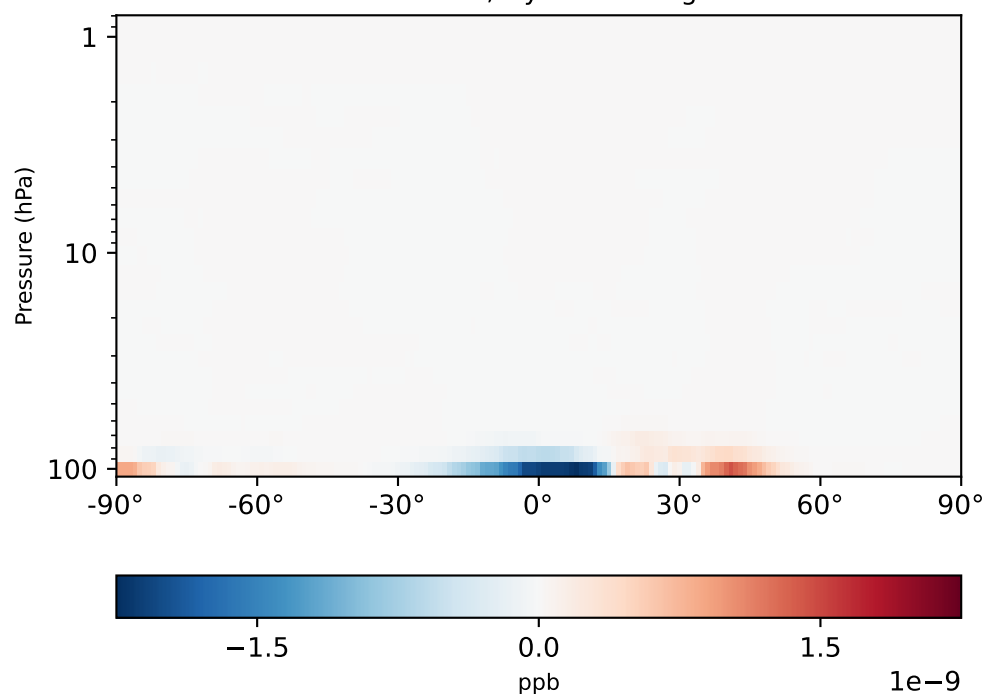
gcc-4x5-1Mon-14.7.0-alpha.12_- gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



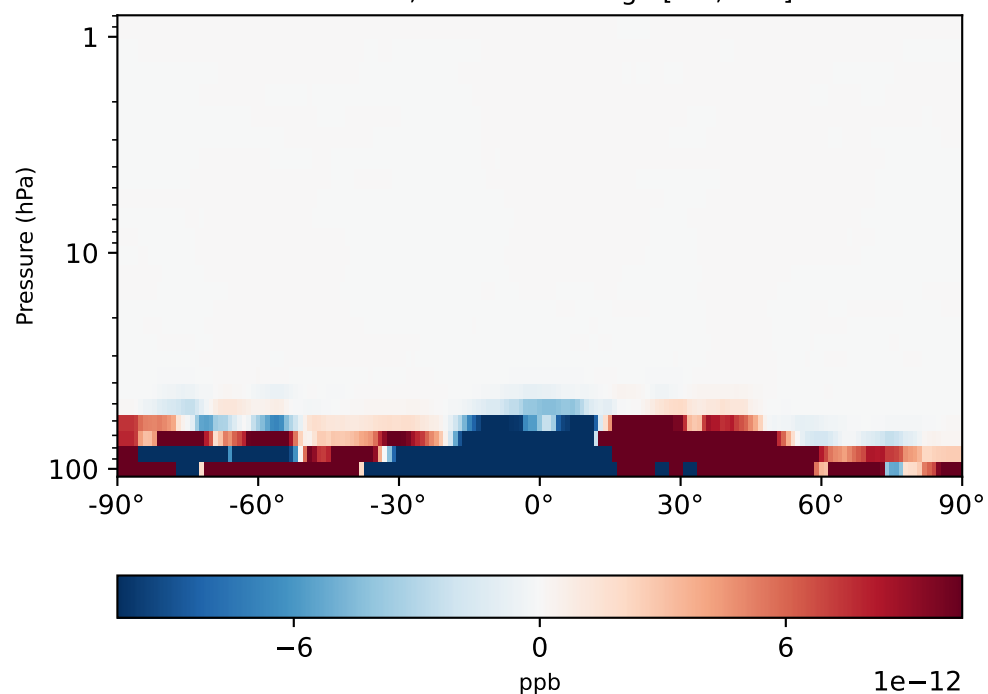
gchp-c24-1Mon-14.7.0-alpha.12_- gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



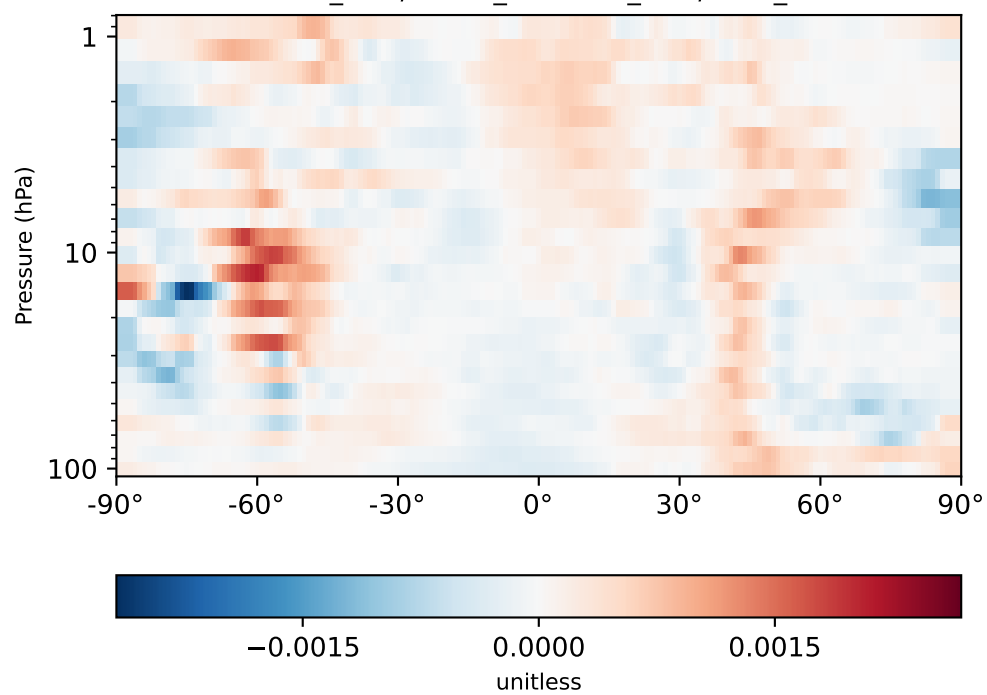
Difference (1x1.25)
Dev - Ref, Dynamic Range



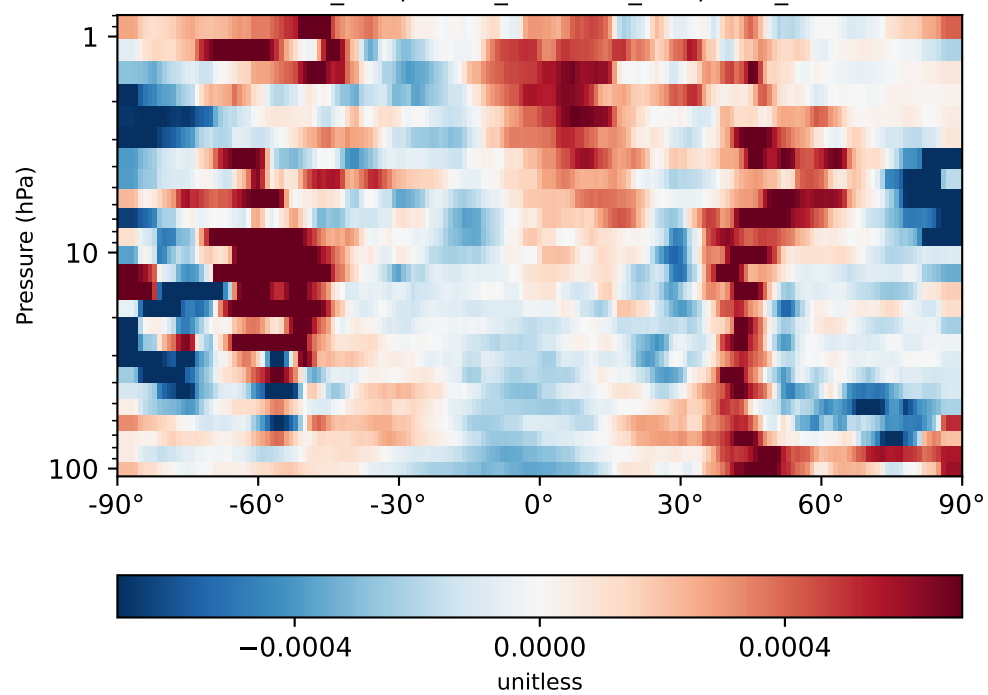
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

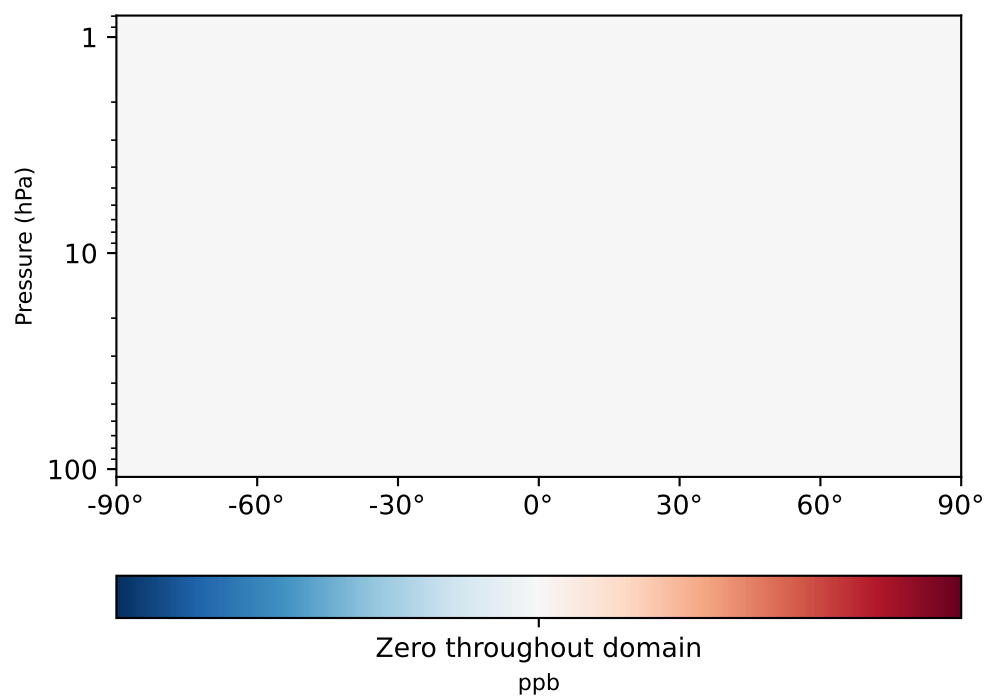


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

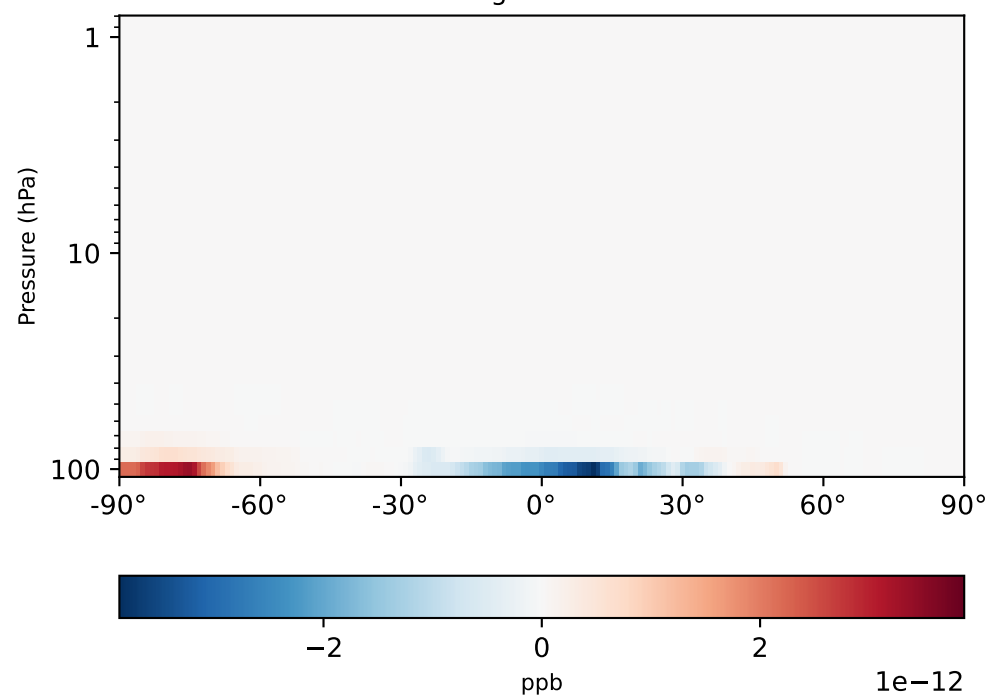


SpeciesConcVV_SO4s, Zonal Mean

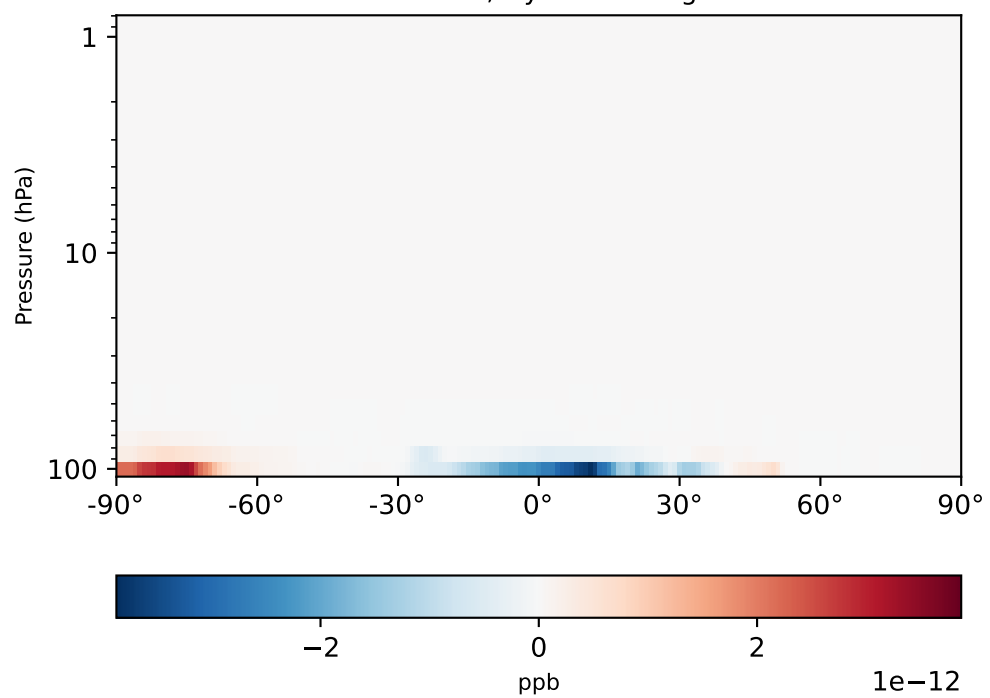
gcc-4x5-1Mon-14.7.0-alpha.12_-gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



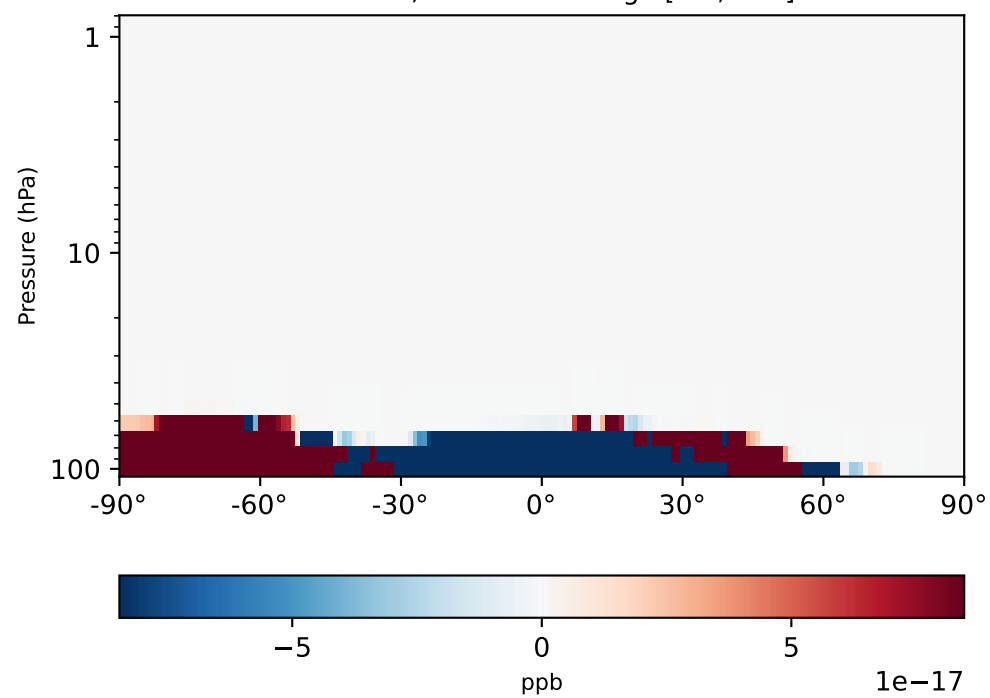
gchp-c24-1Mon-14.7.0-alpha.12_-gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



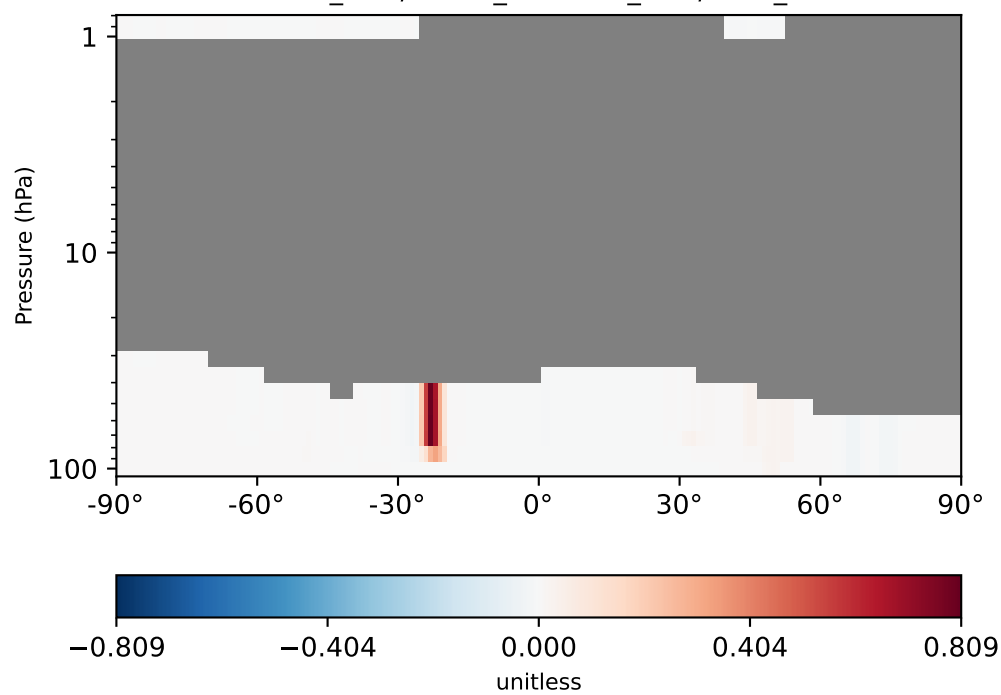
Difference (1x1.25)
Dev - Ref, Dynamic Range



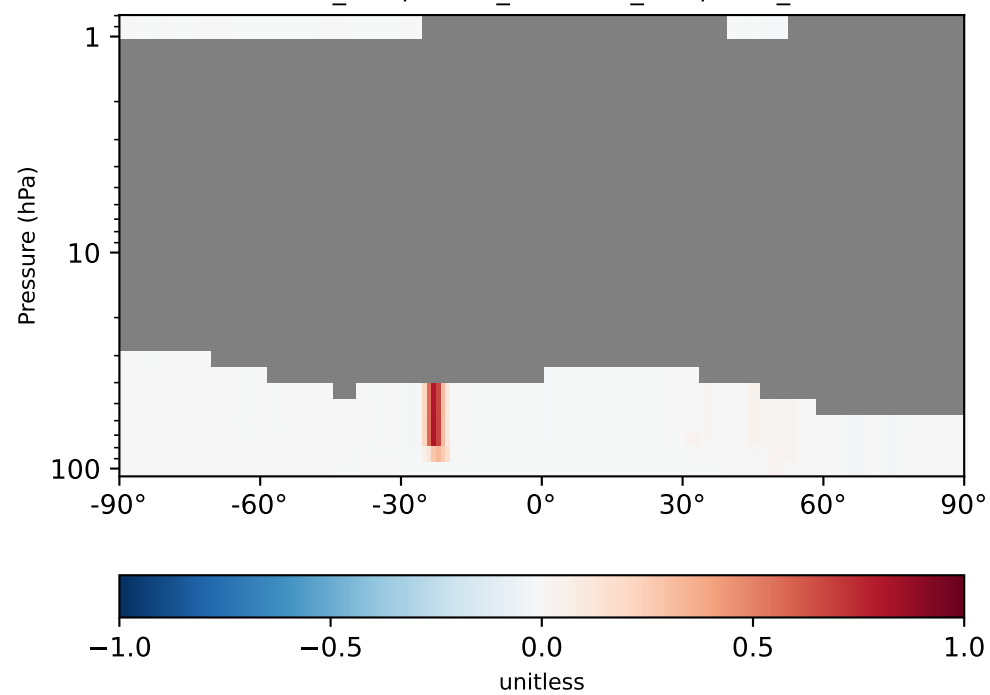
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

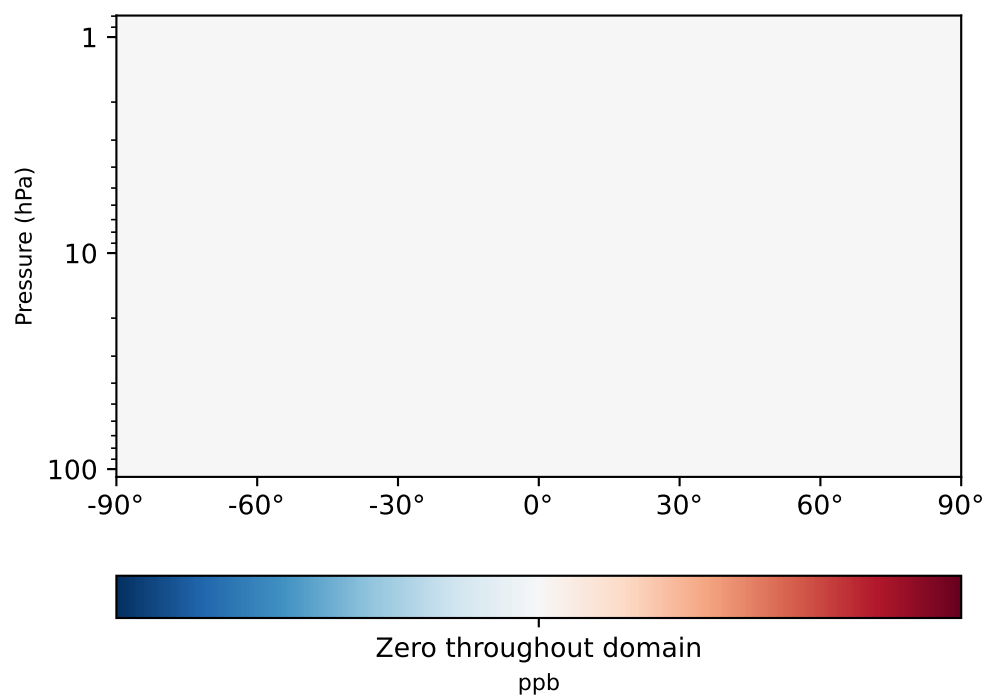


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

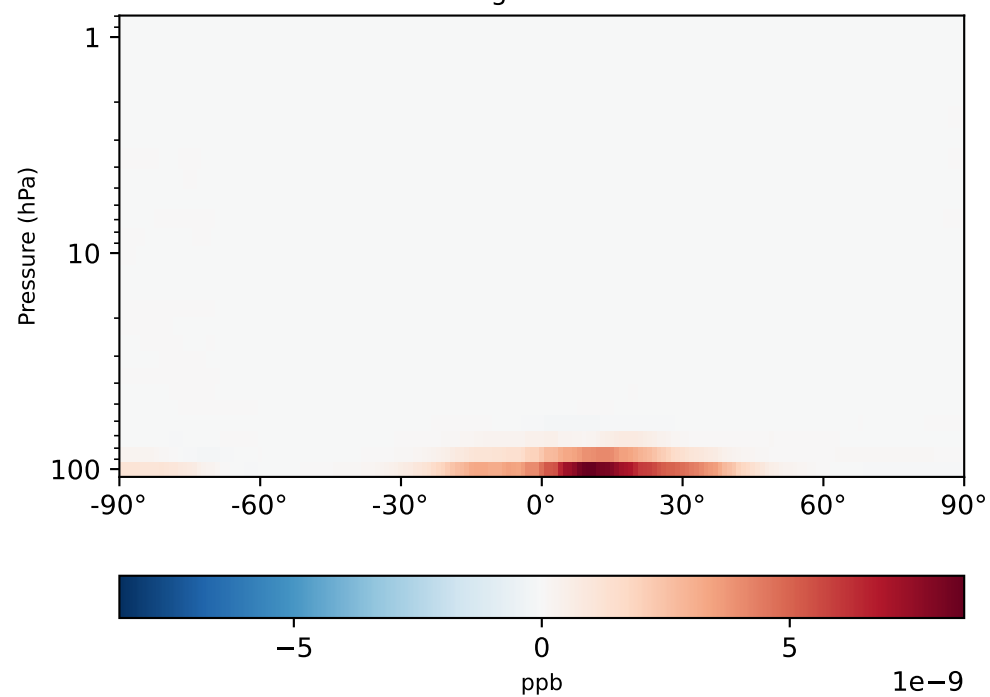


SpeciesConcVV_pFe, Zonal Mean

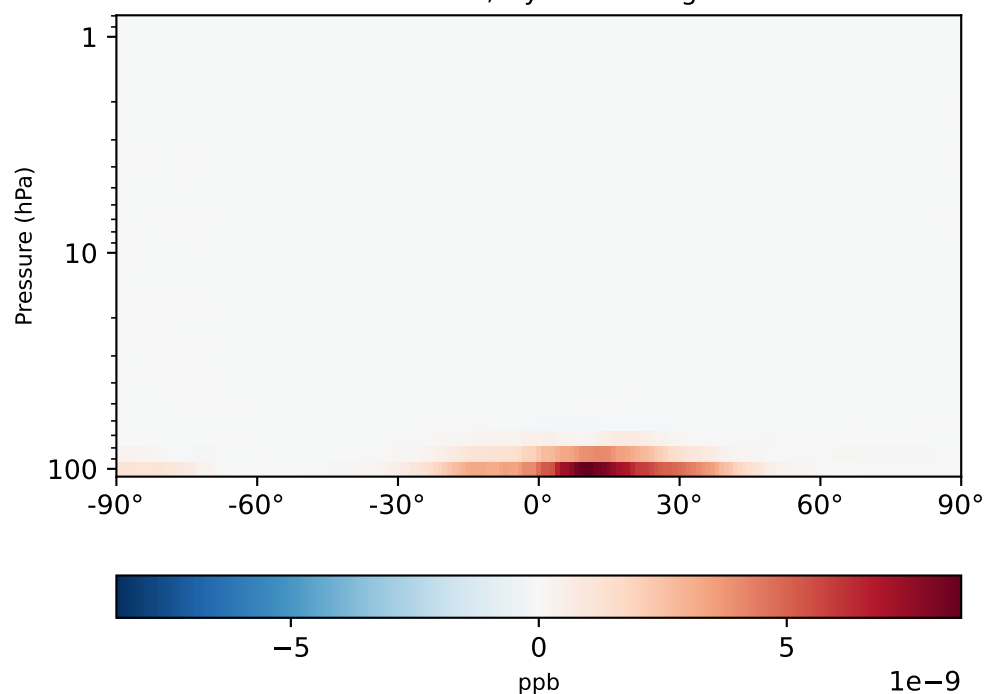
gcc-4x5-1Mon-14.7.0-alpha.12_ - gcc-4x5-1Mon-14.7.0-alpha.11 (Ref)
4.0x5.0



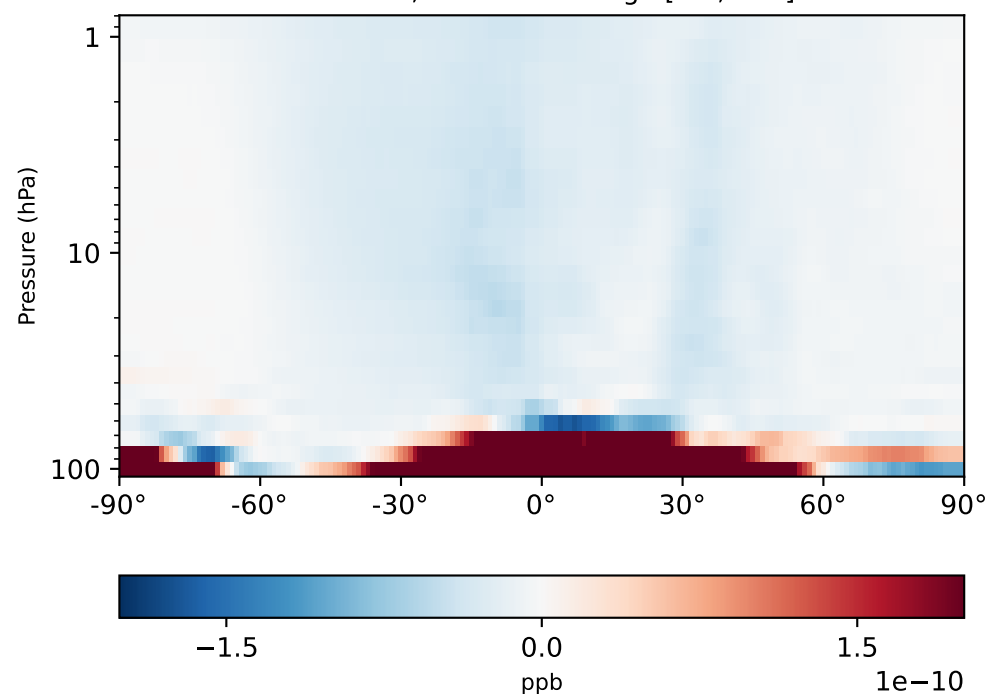
gchp-c24-1Mon-14.7.0-alpha.12_ - gchp-c24-1Mon-14.7.0-alpha.11 (Dev)
1x1.25 regridded from c24



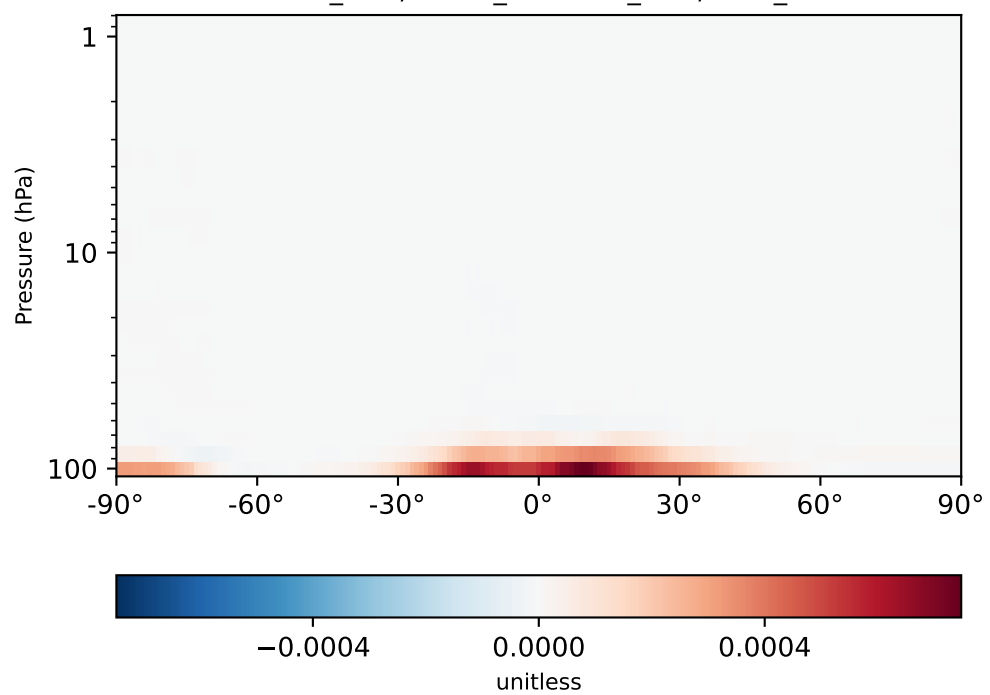
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

