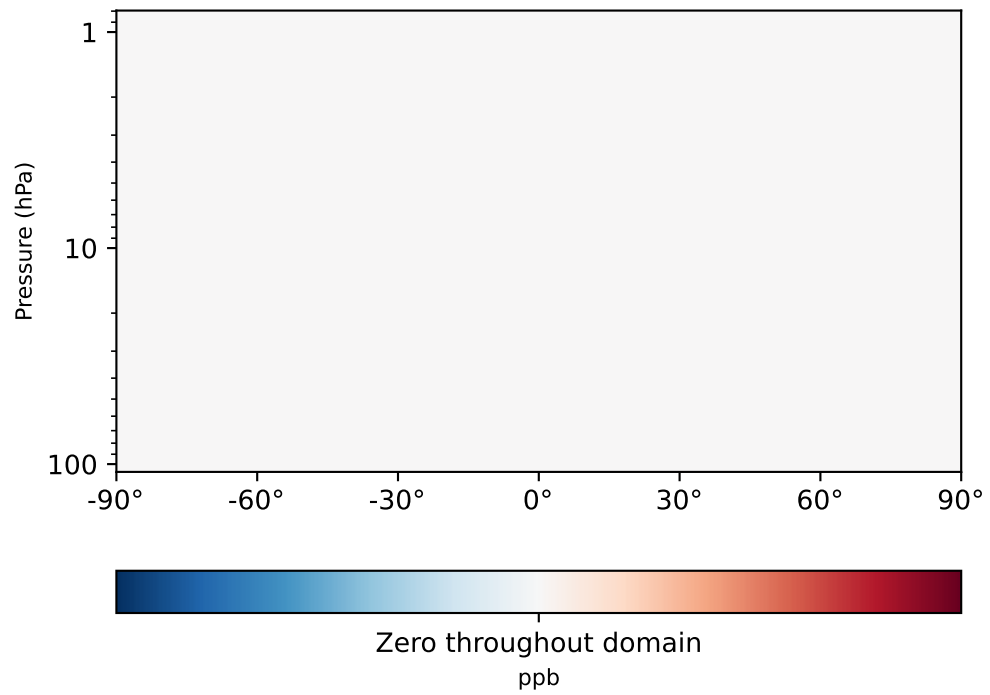
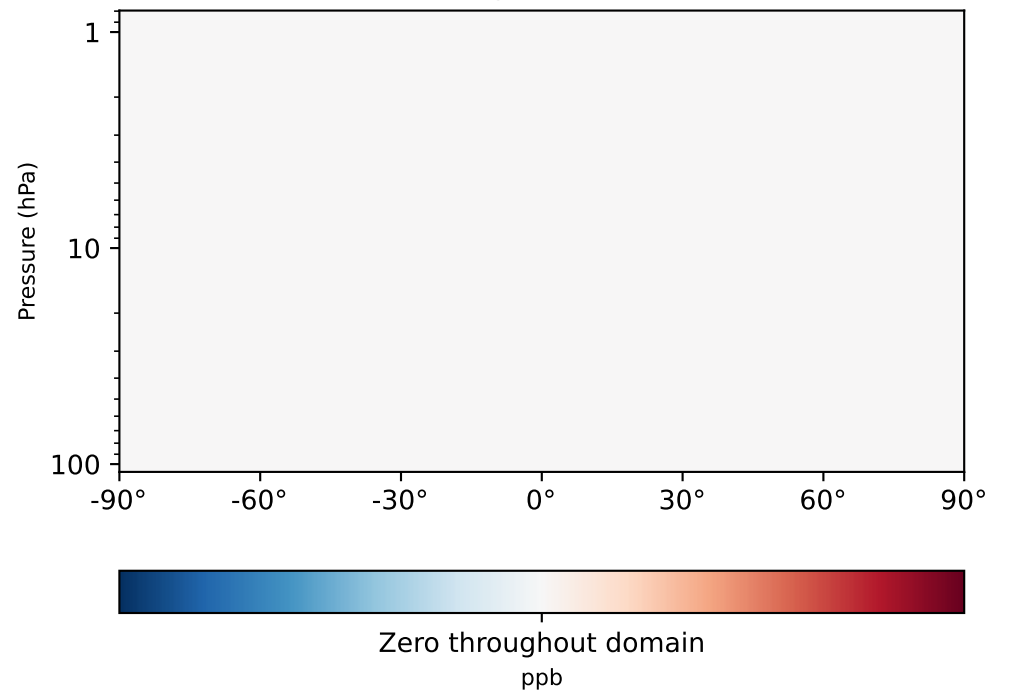


SpeciesConcVV_NOy, Zonal Mean

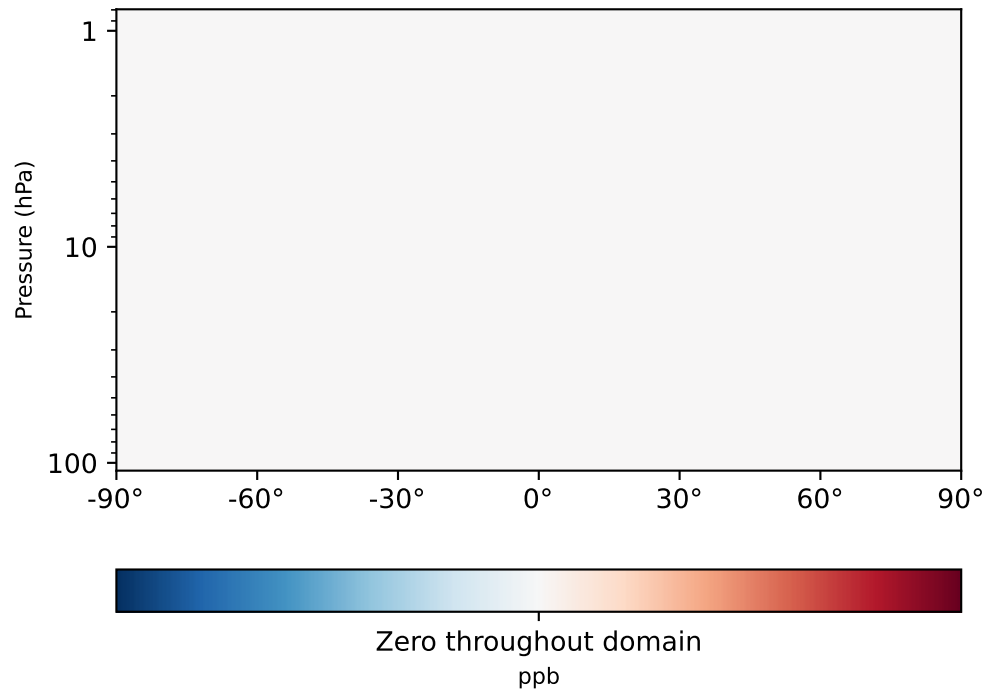
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



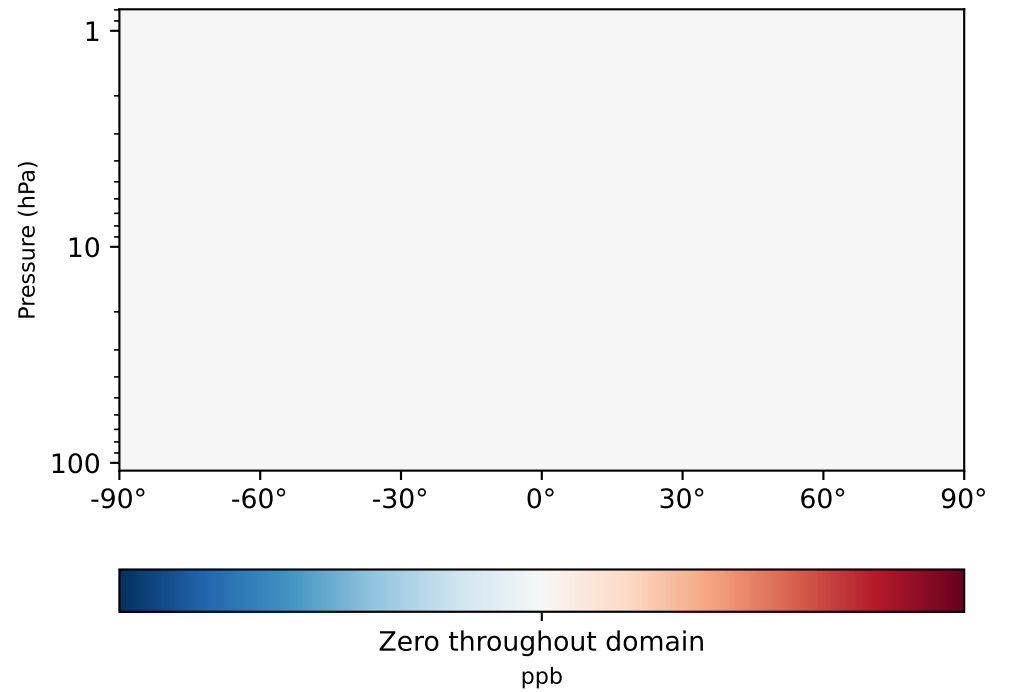
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



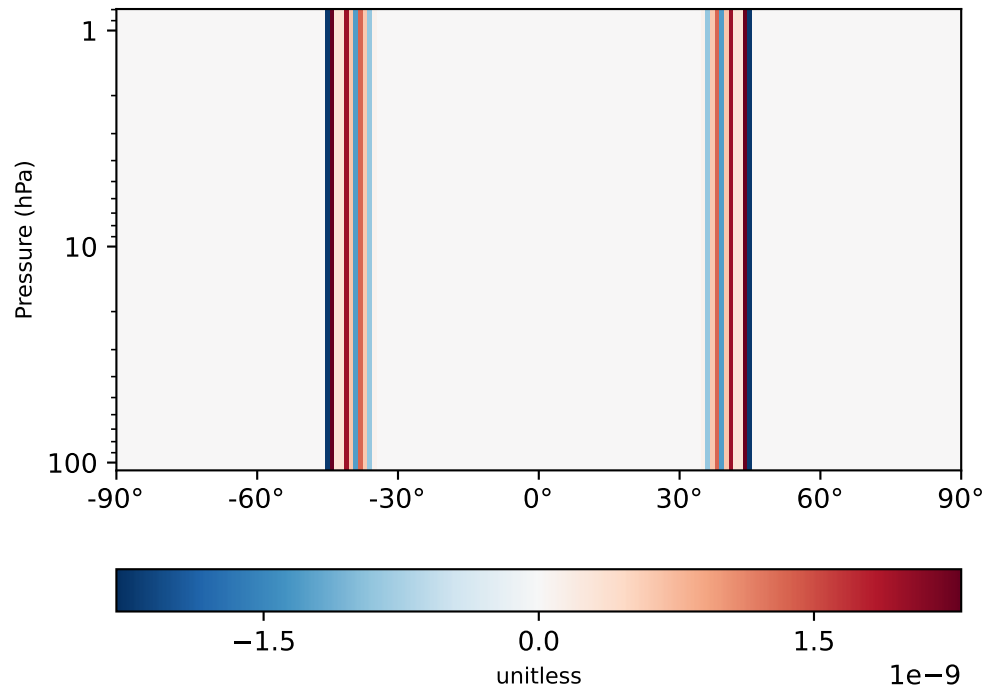
Difference (1x1.25)
Dev - Ref, Dynamic Range



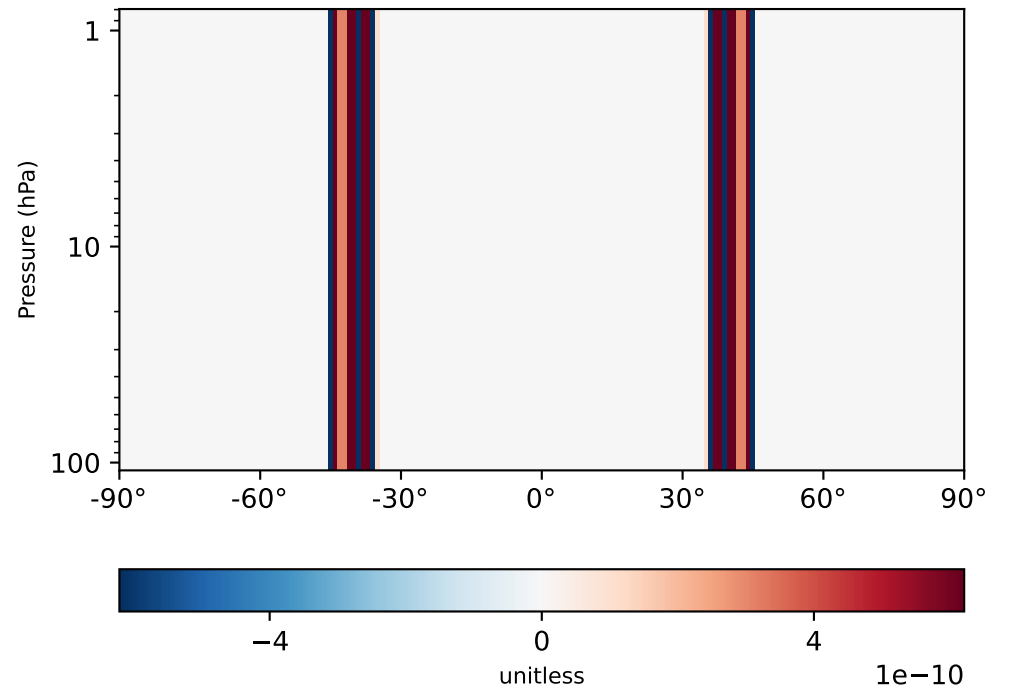
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



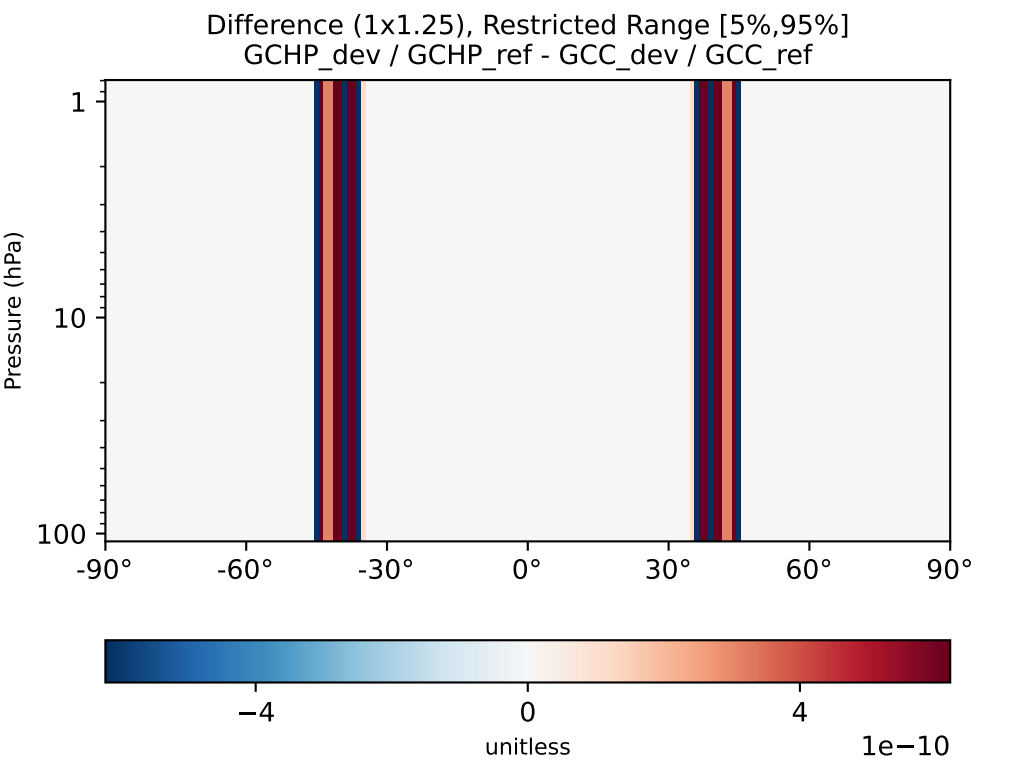
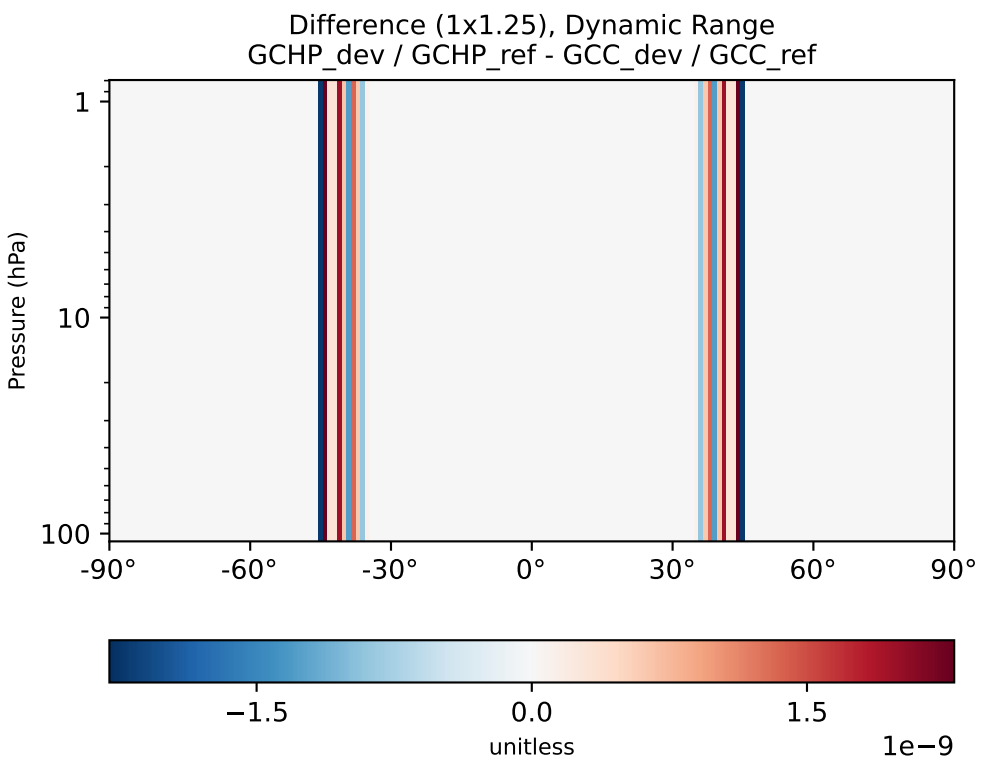
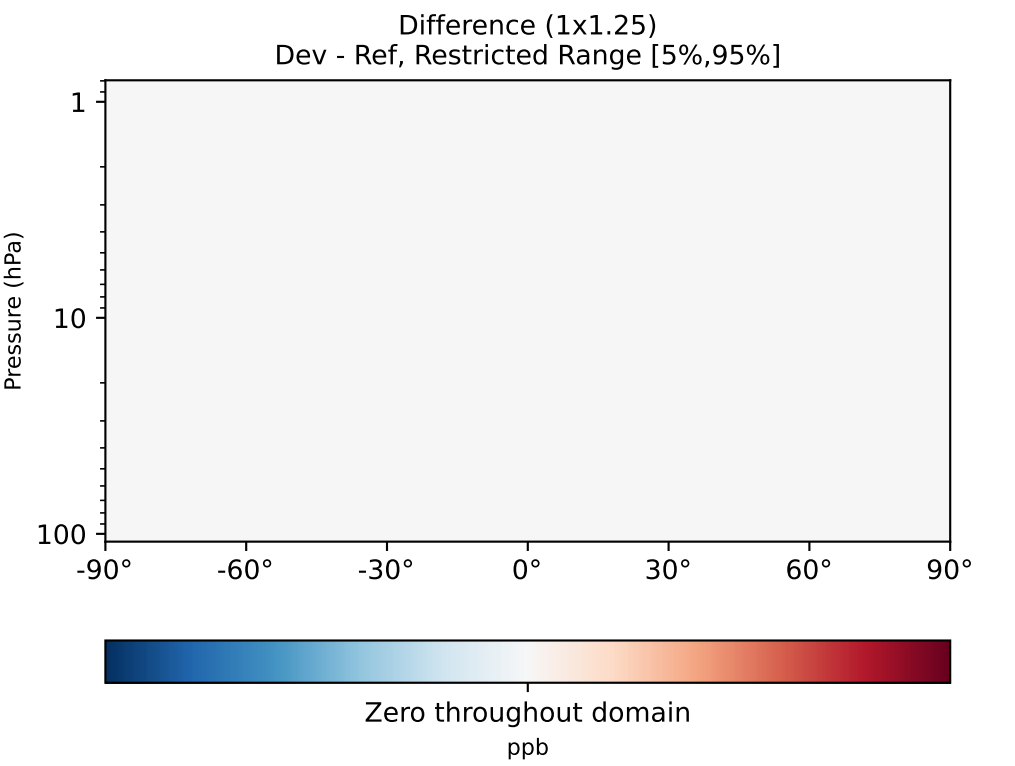
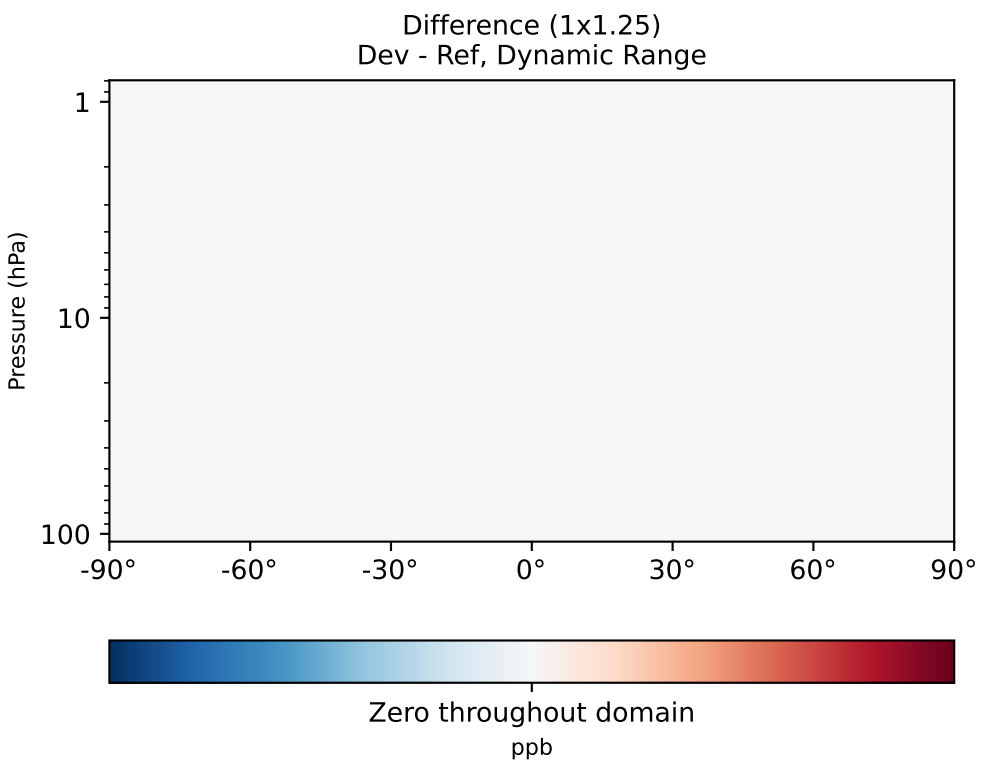
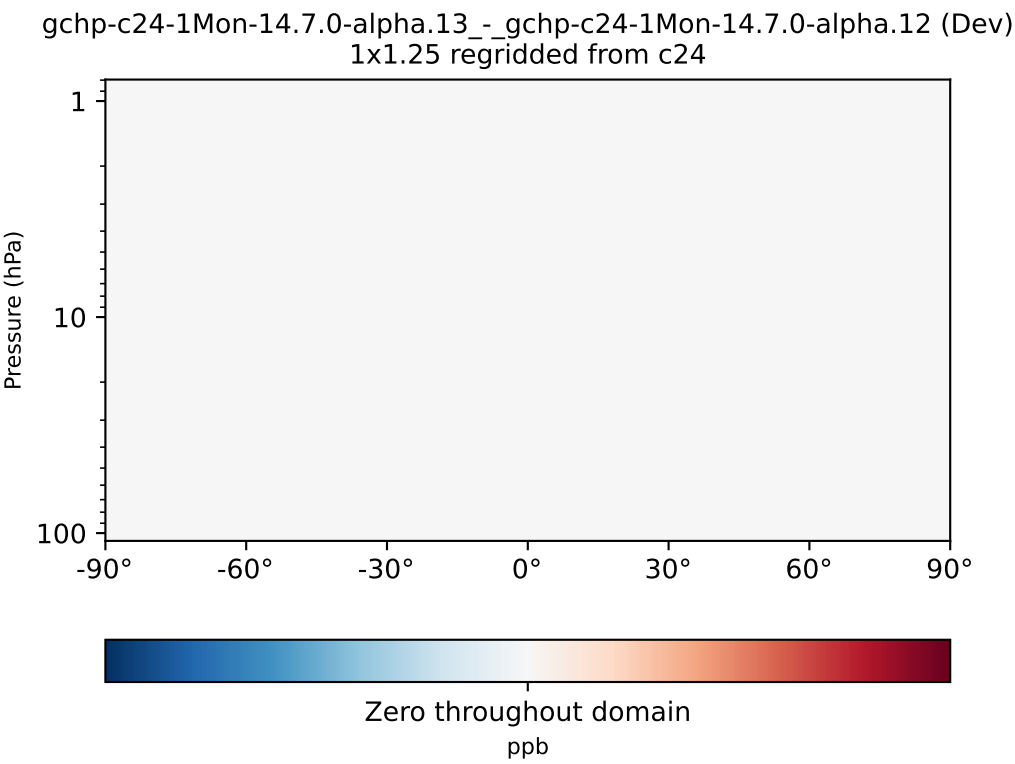
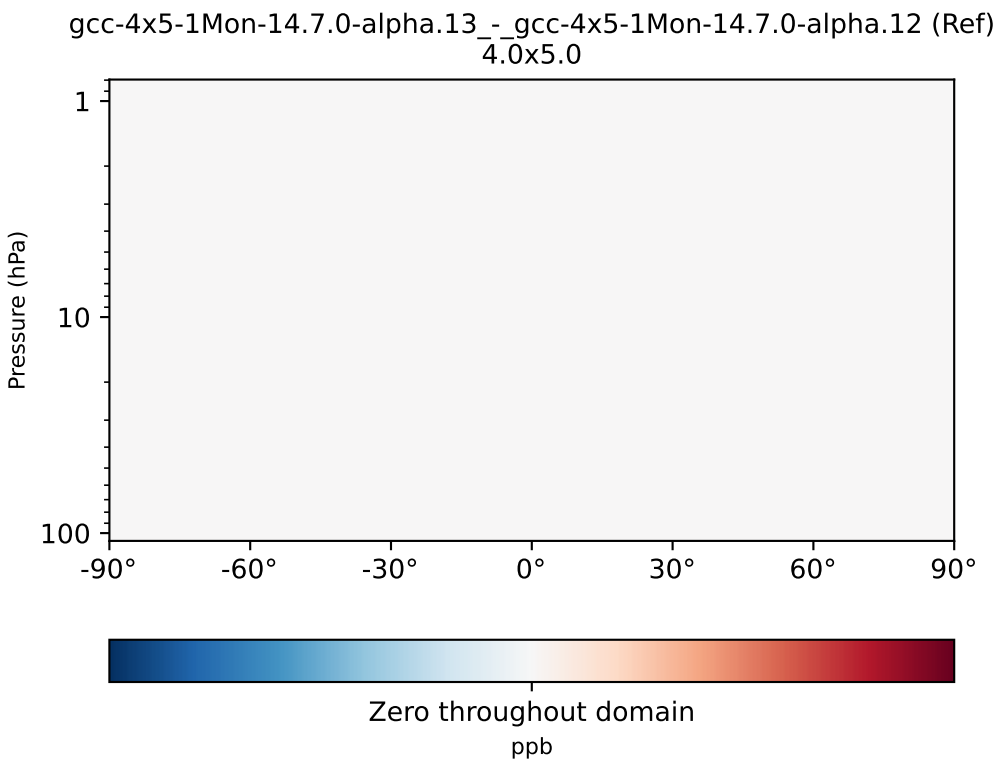
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



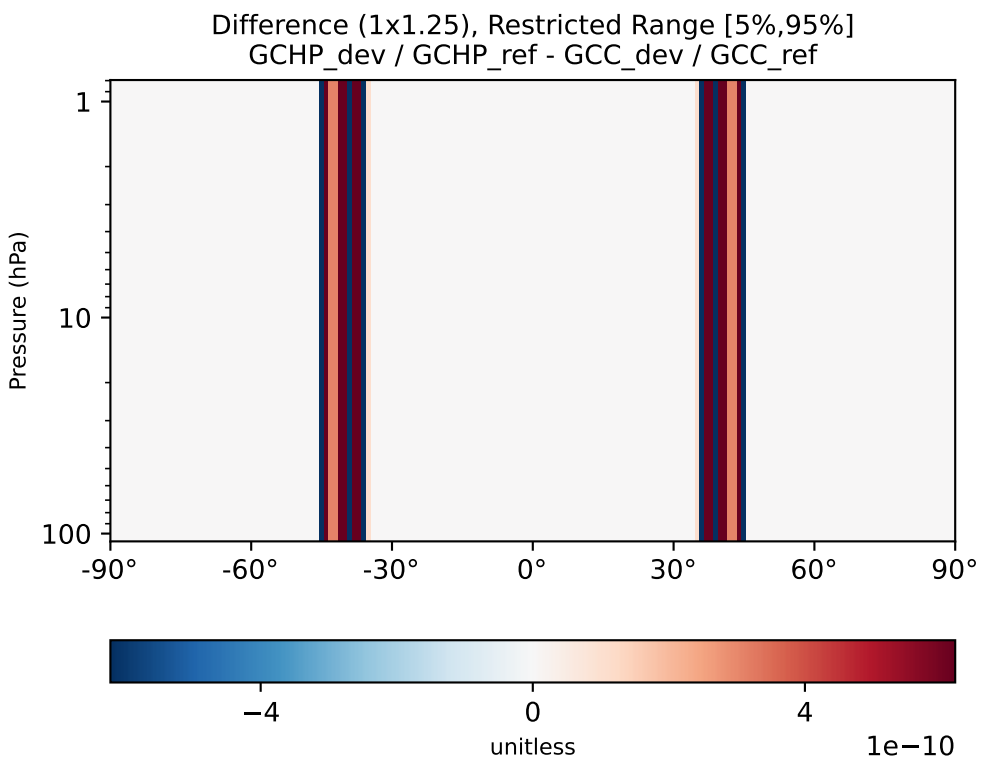
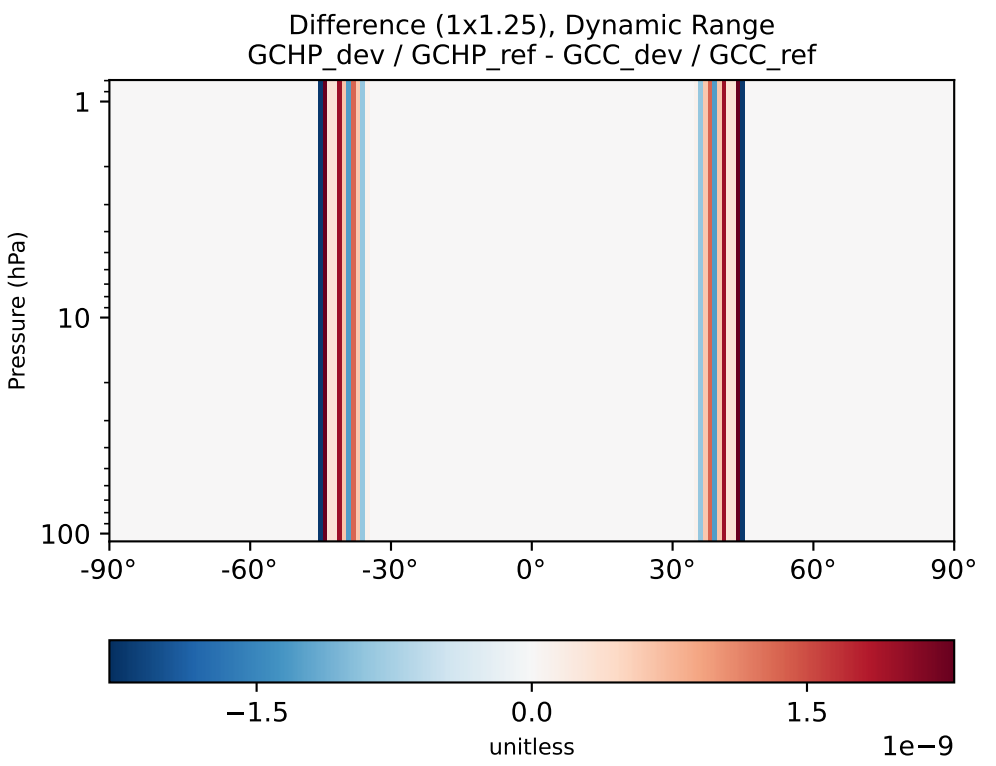
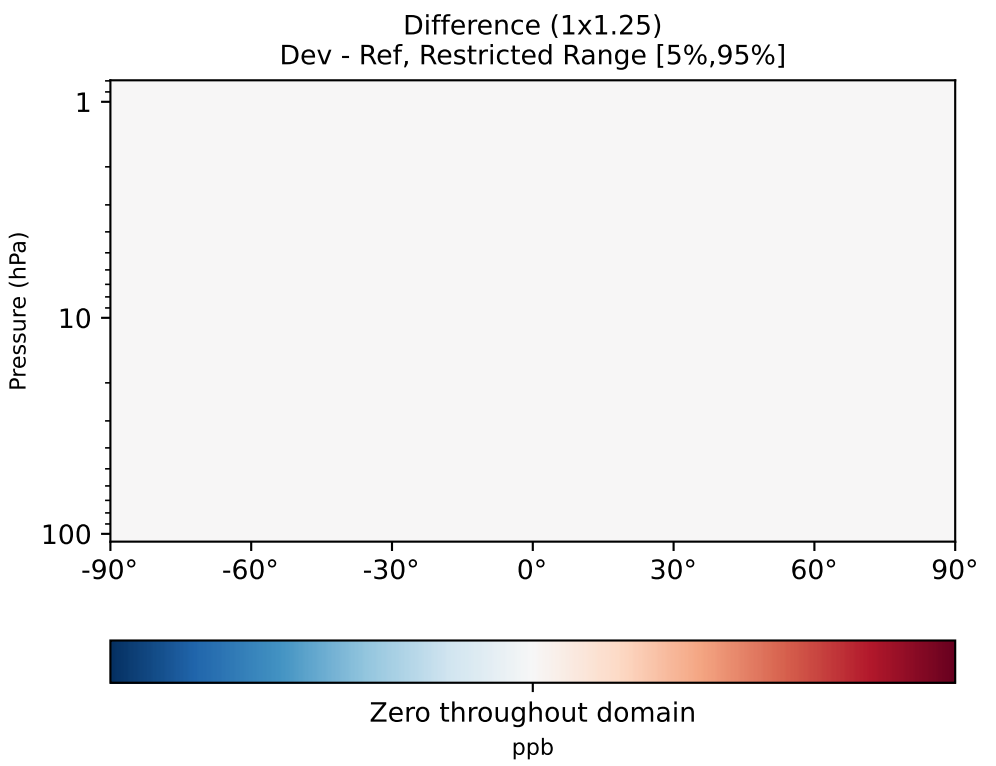
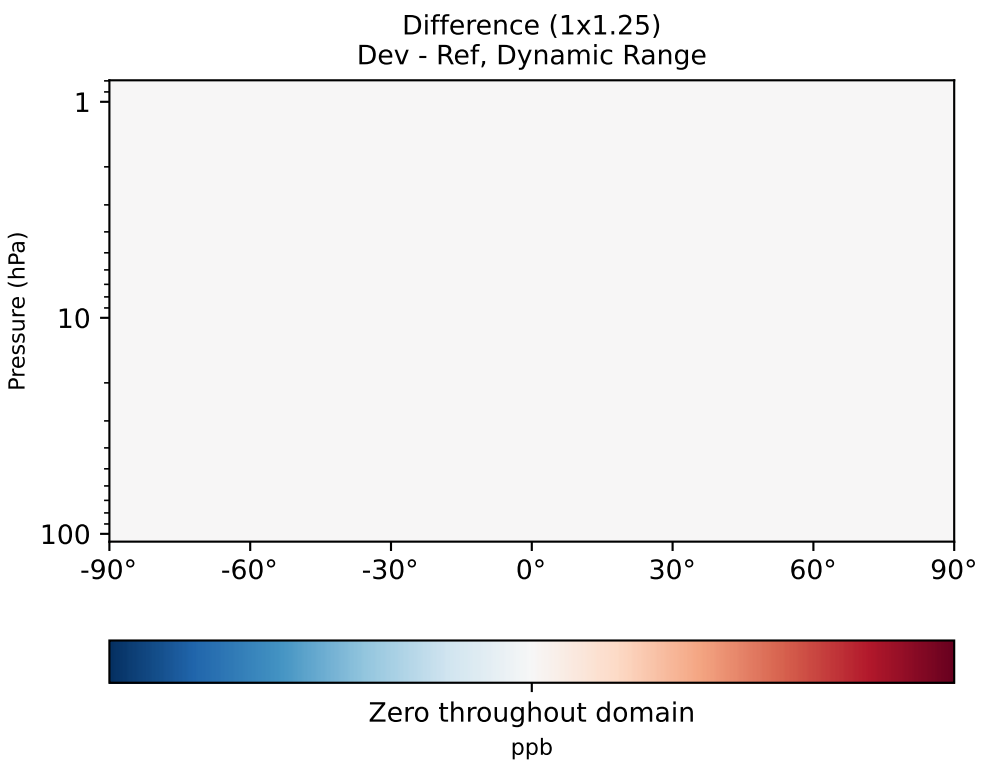
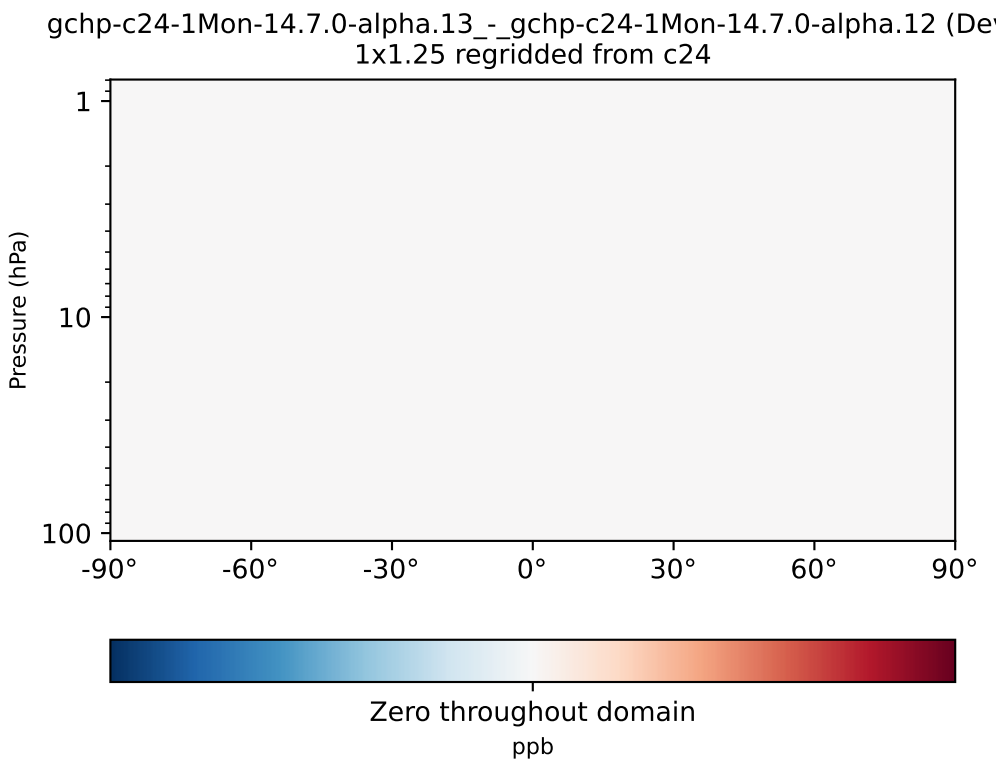
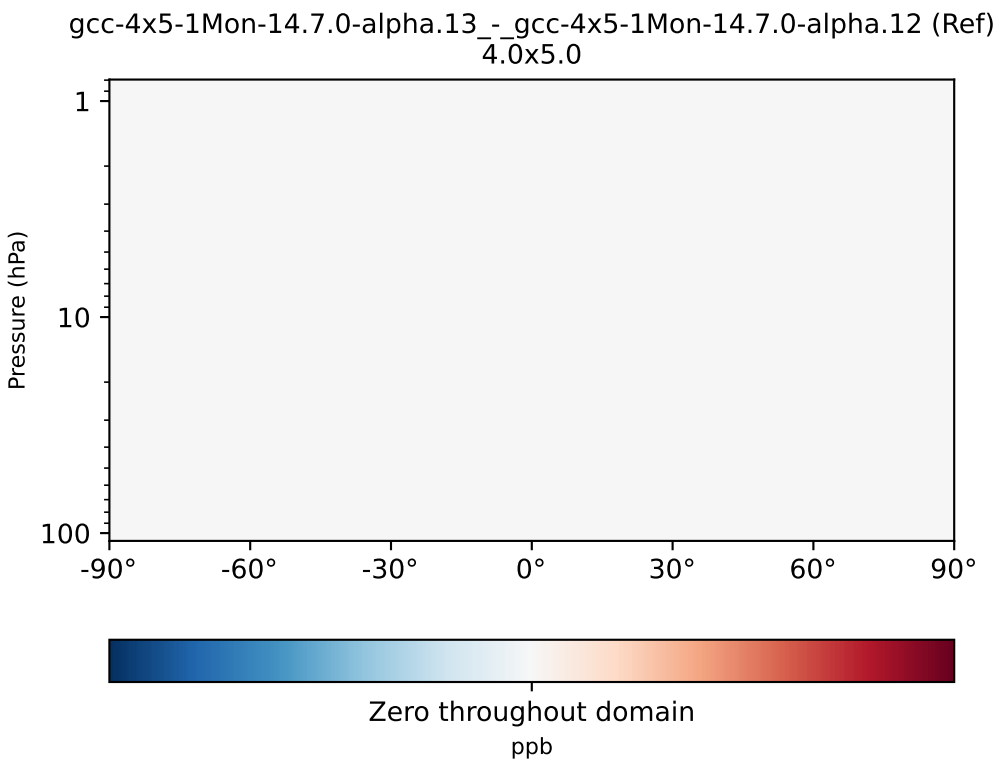
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



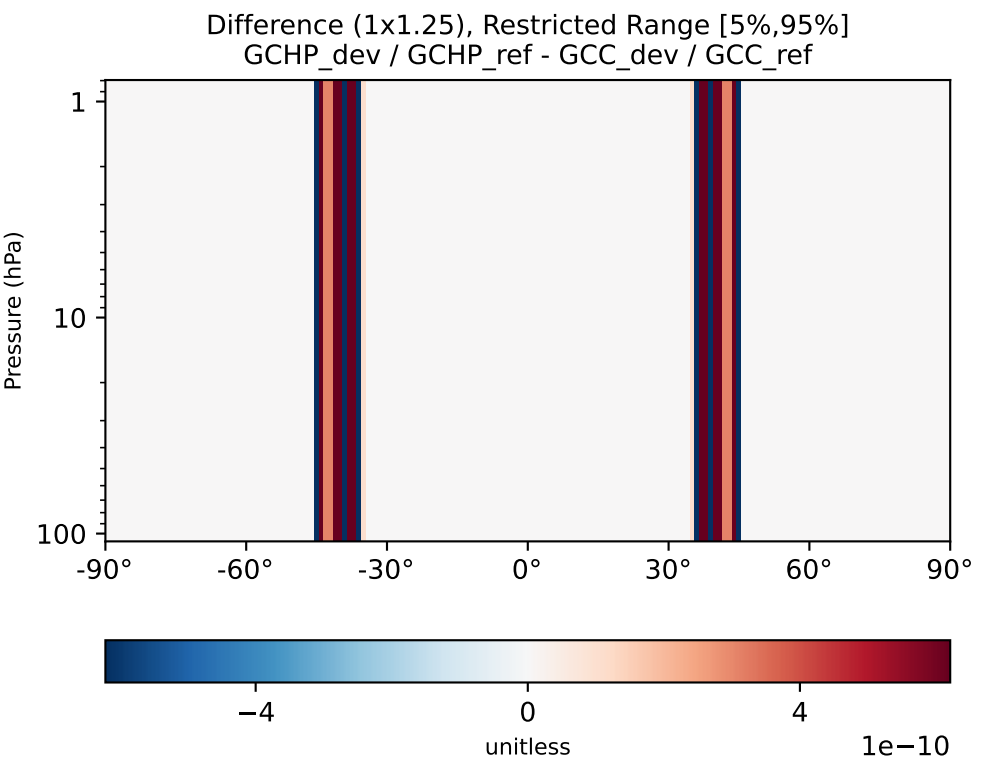
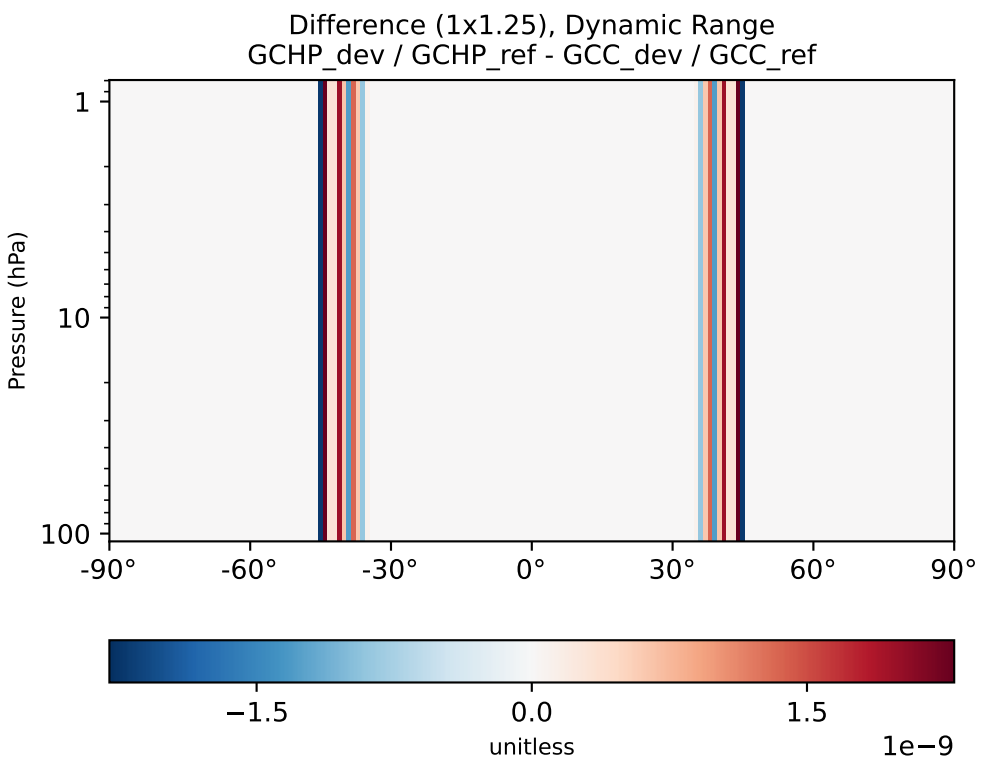
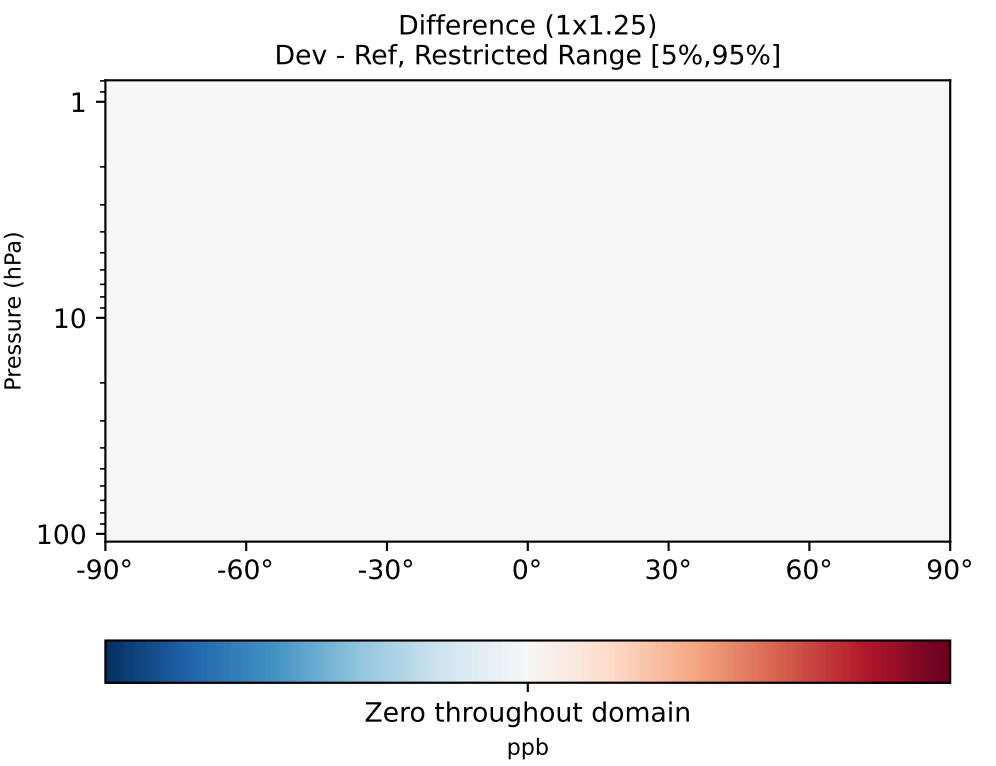
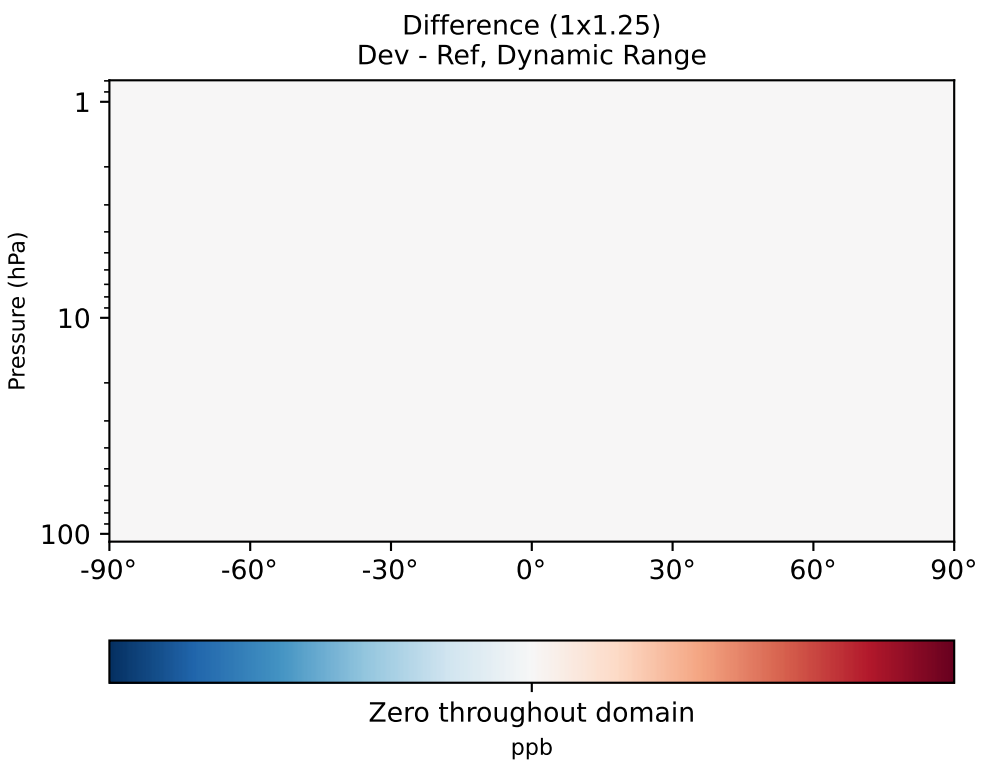
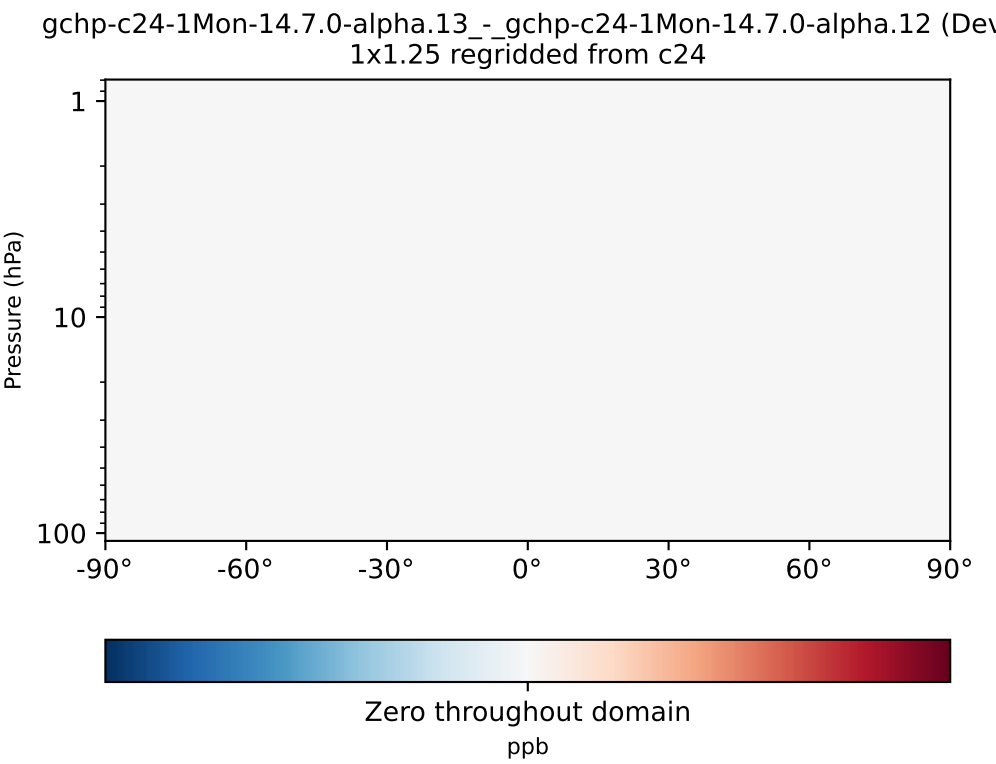
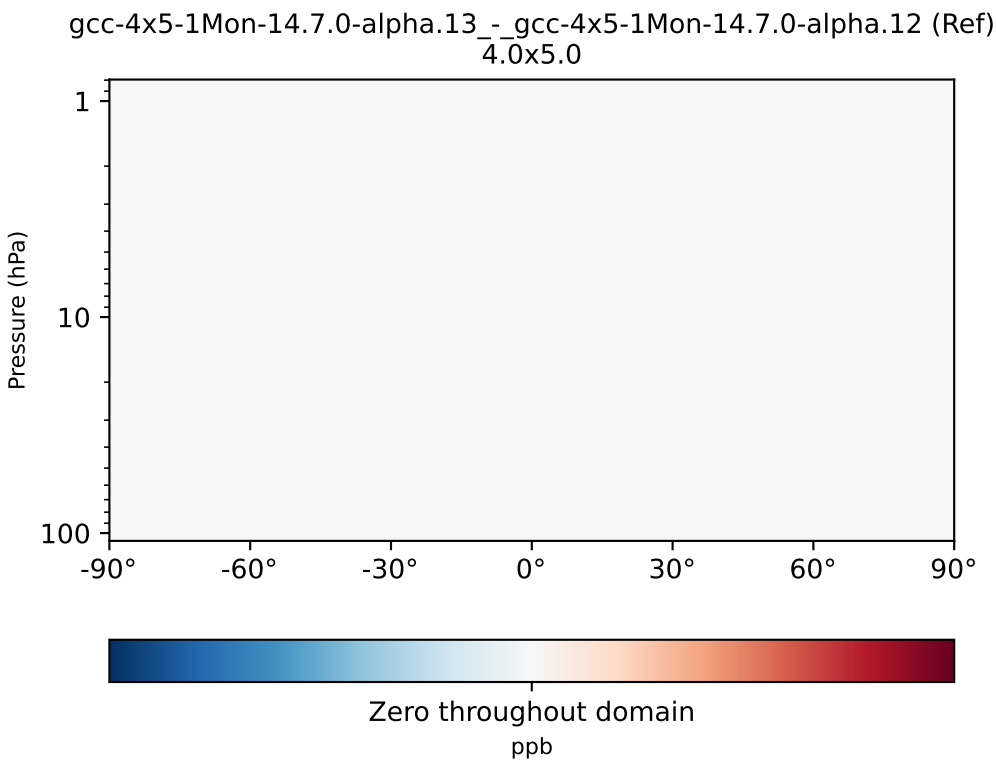
SpeciesConcVW_NOx, Zonal Mean



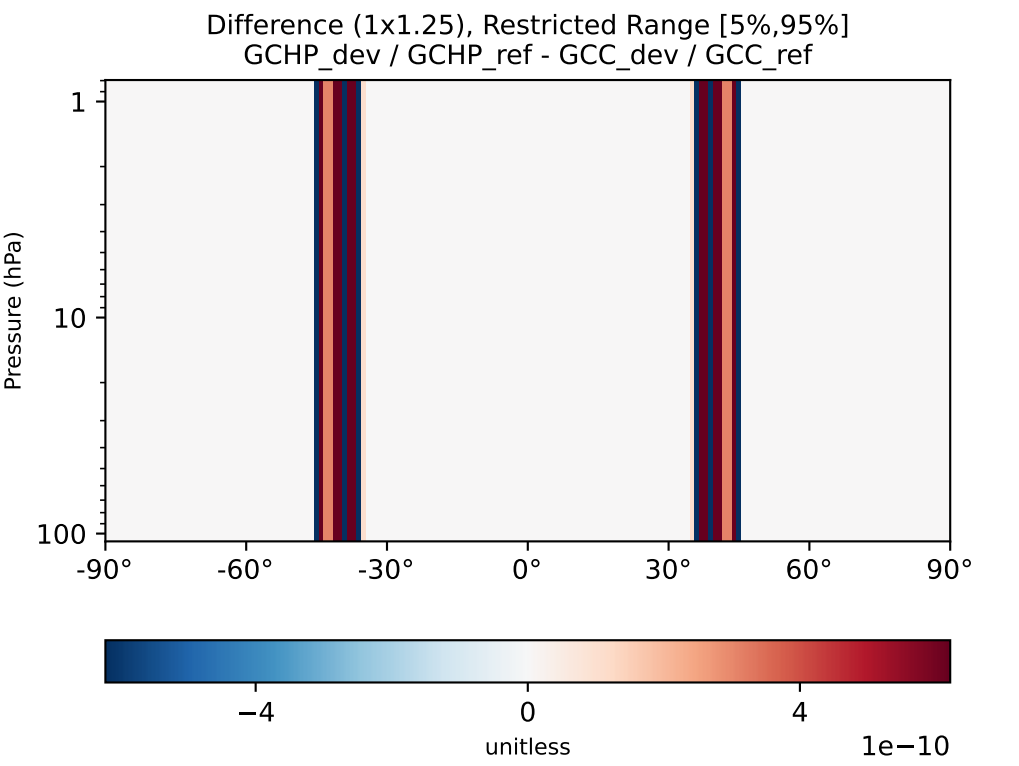
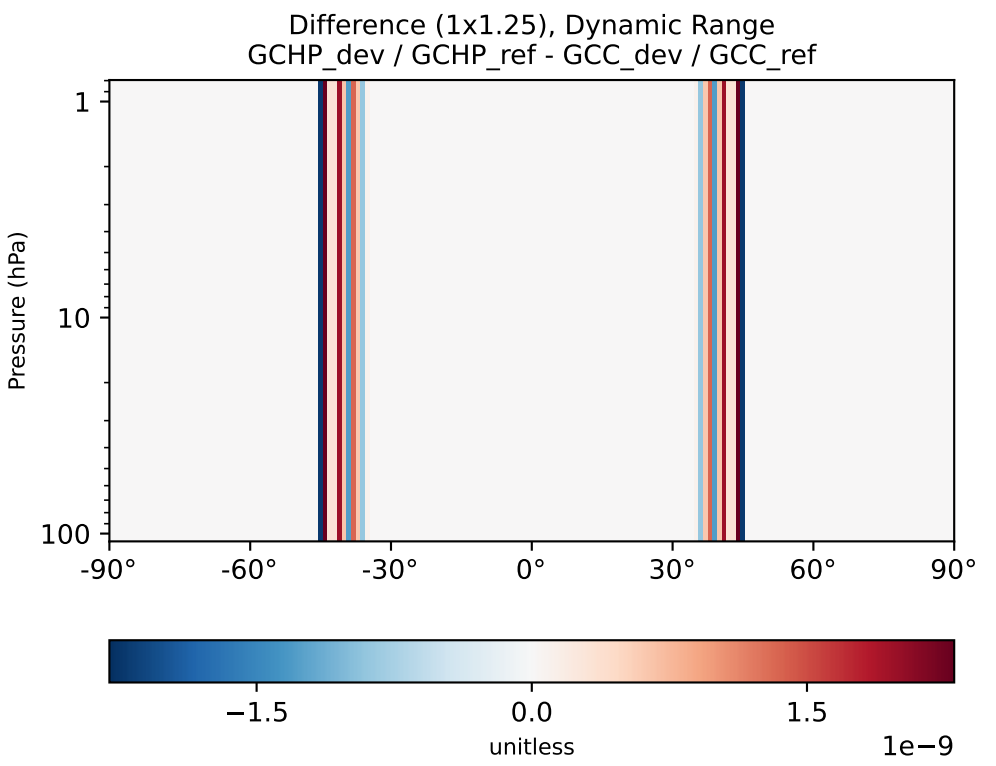
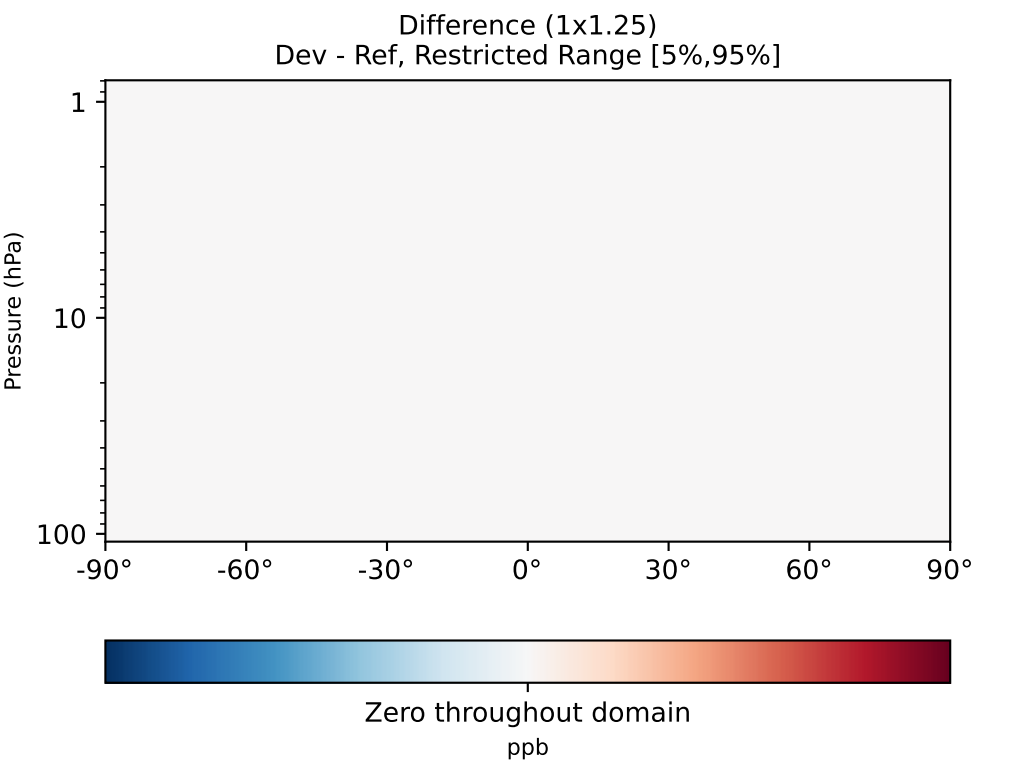
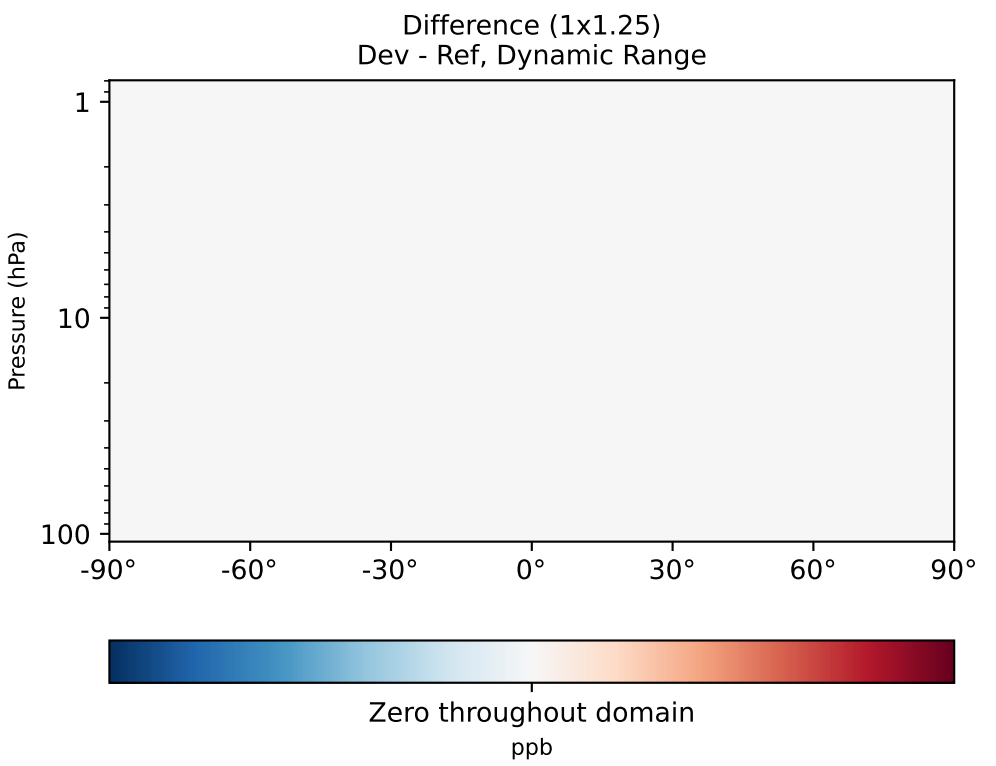
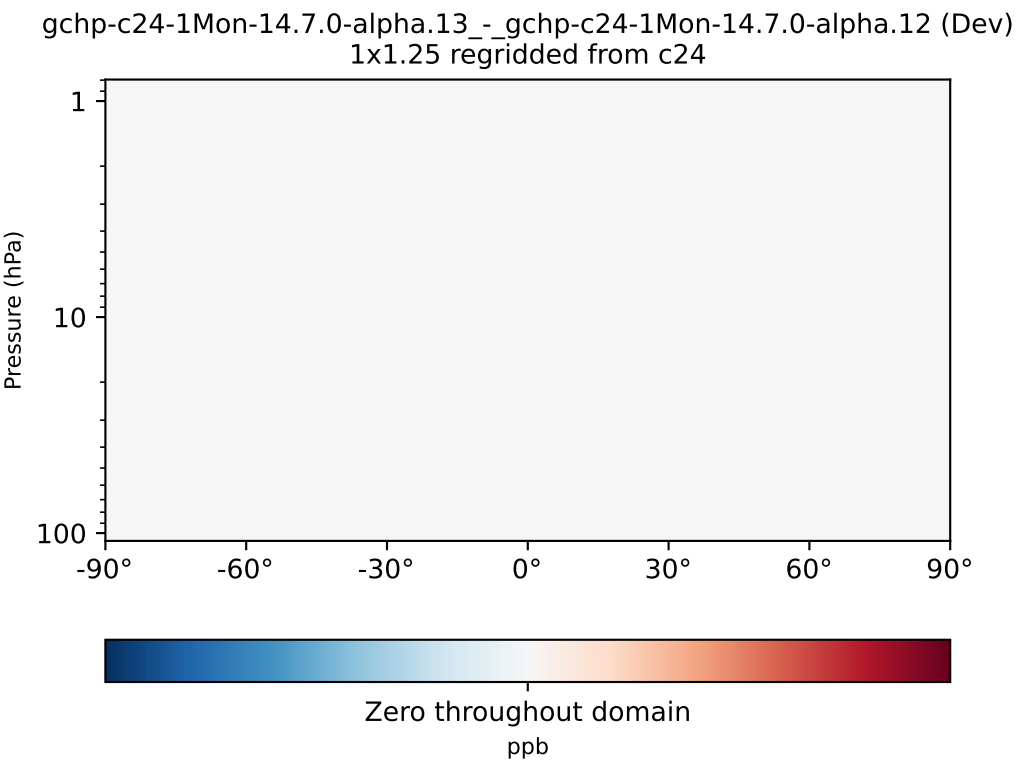
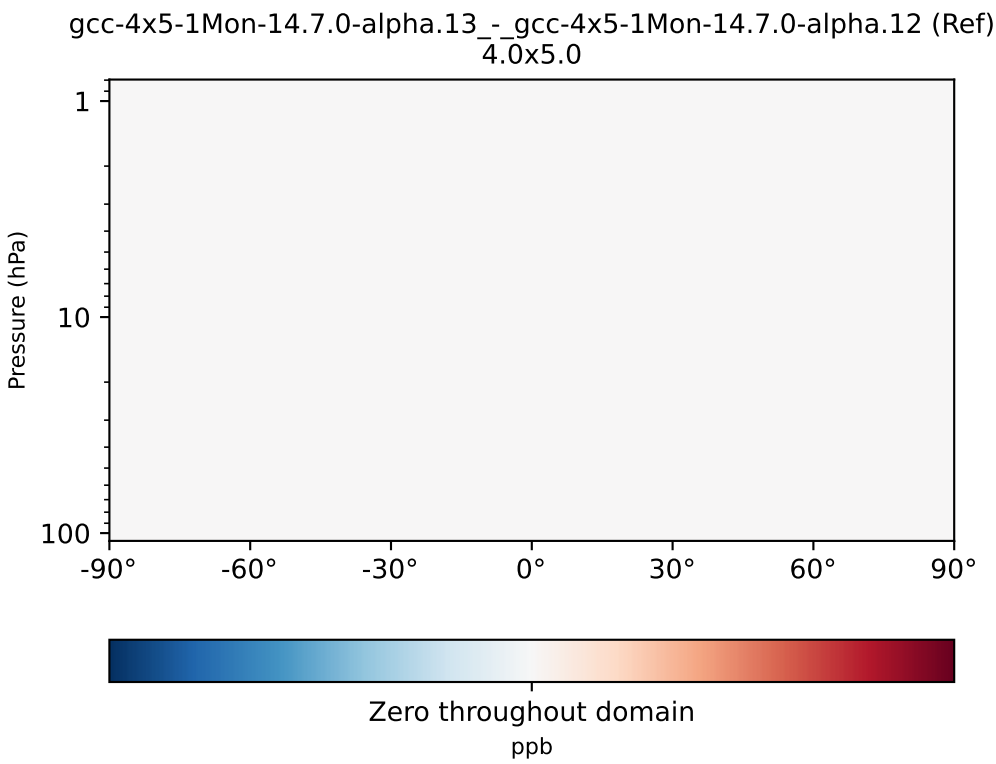
SpeciesConcVV_HNO2, Zonal Mean



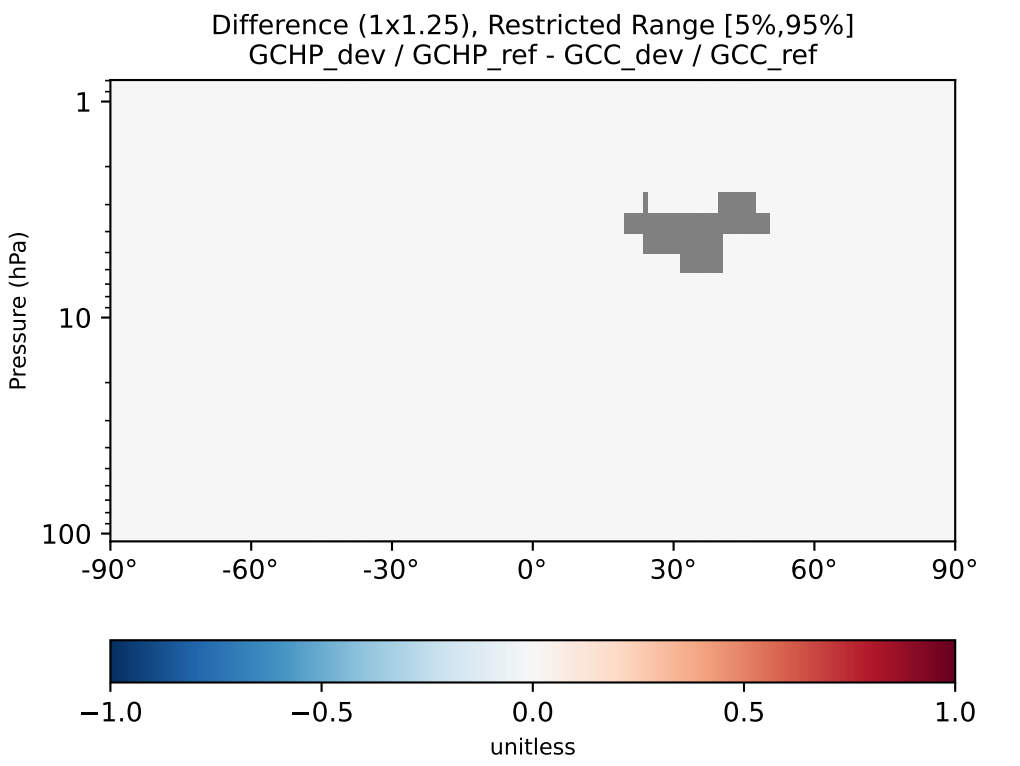
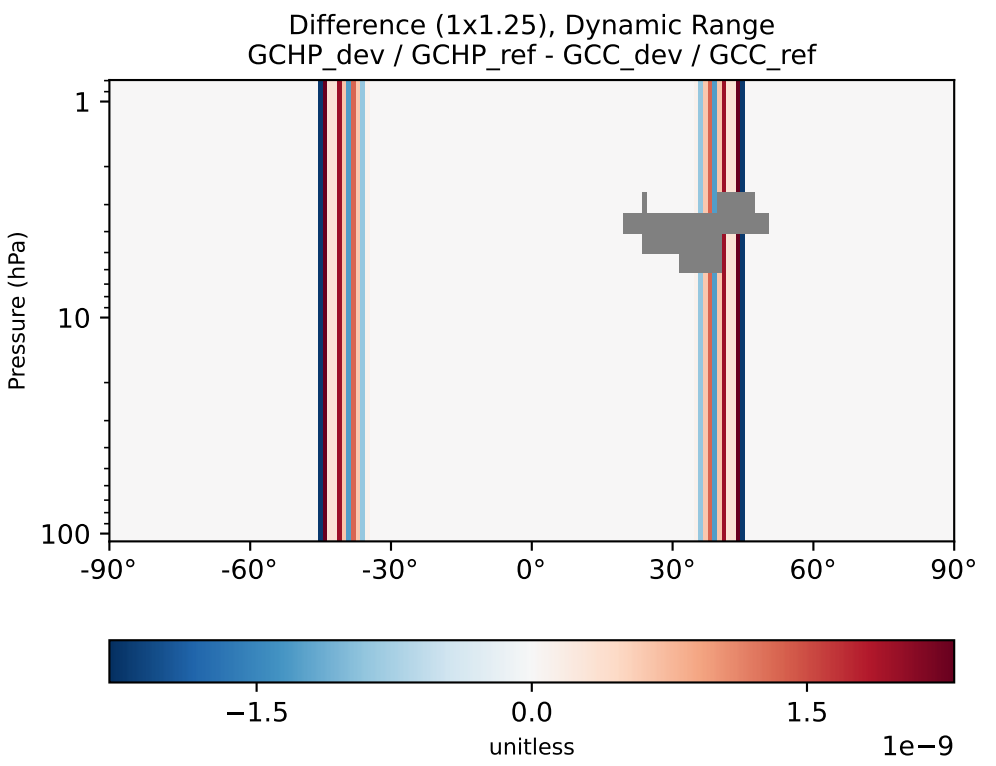
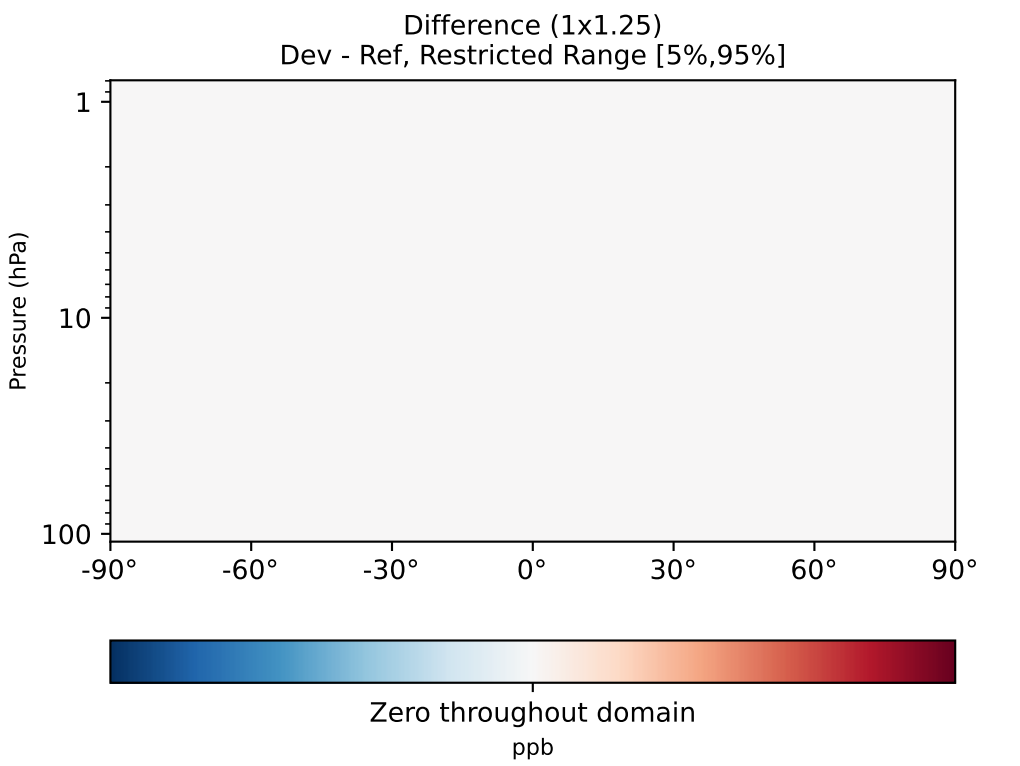
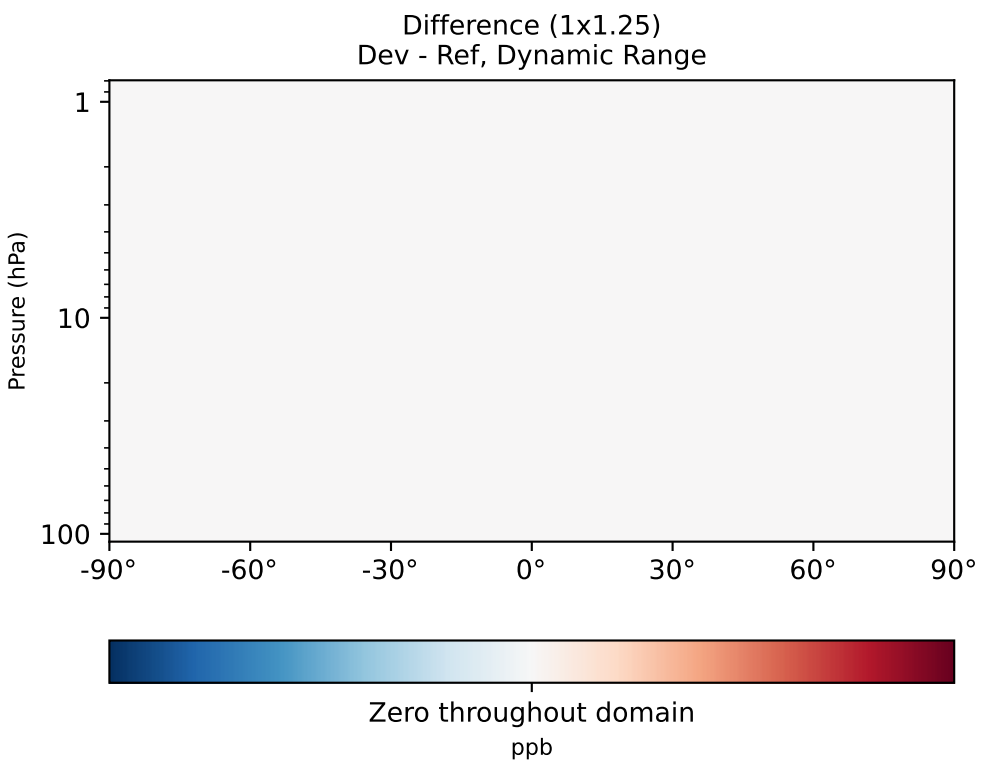
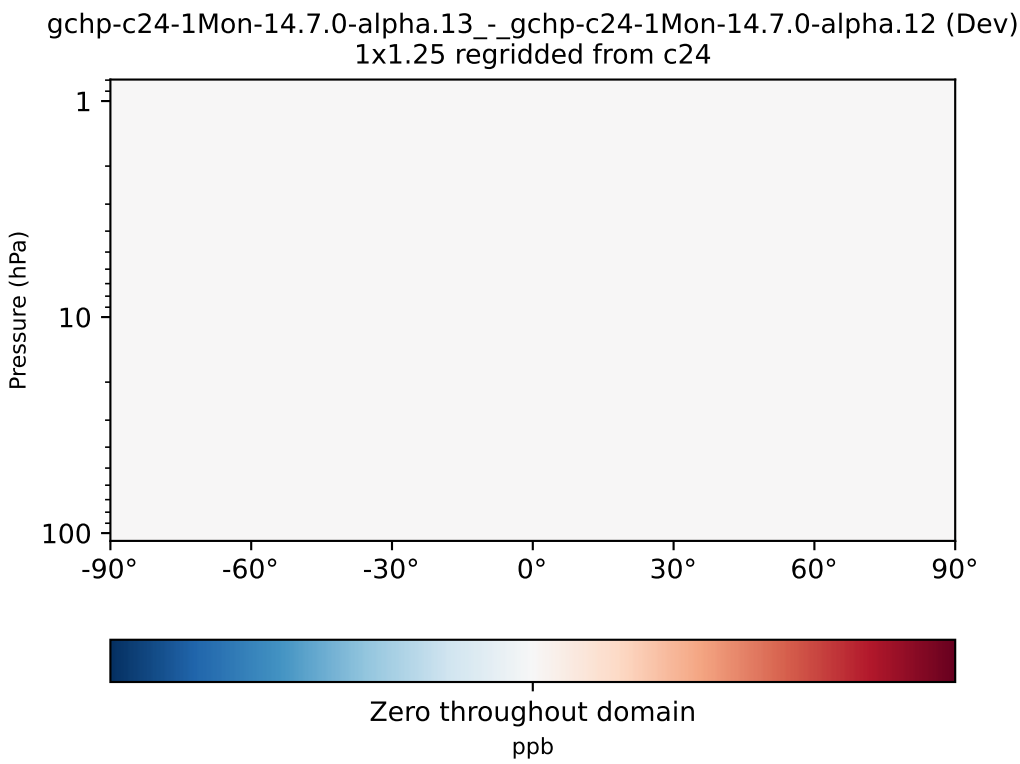
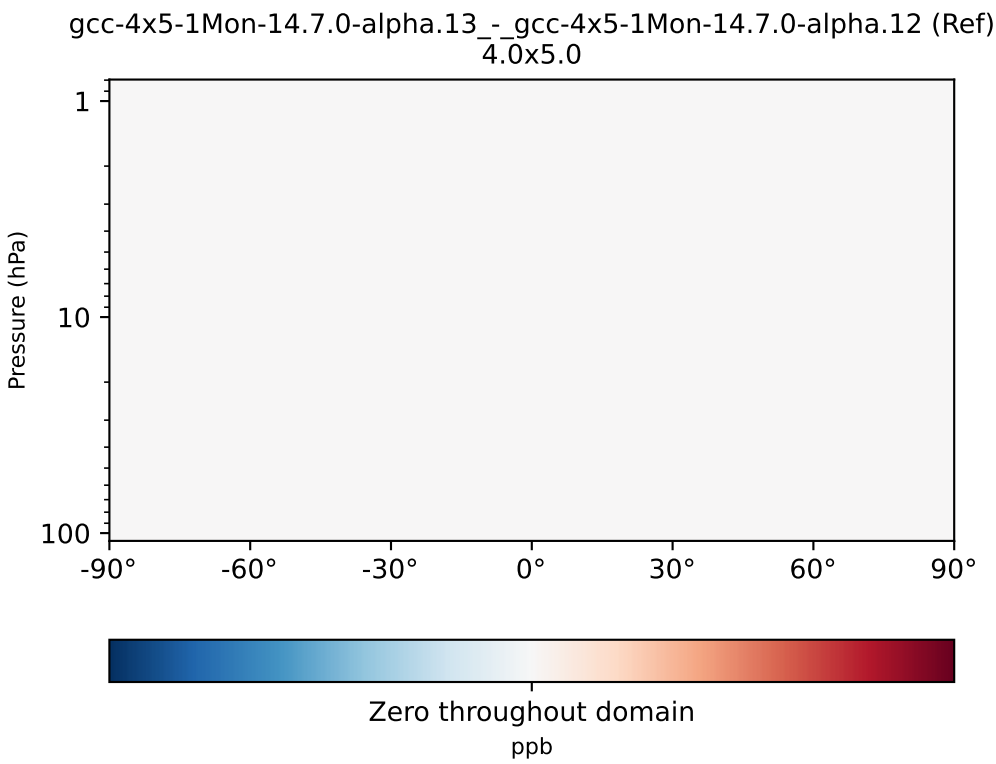
SpeciesConcVV_HNO3, Zonal Mean



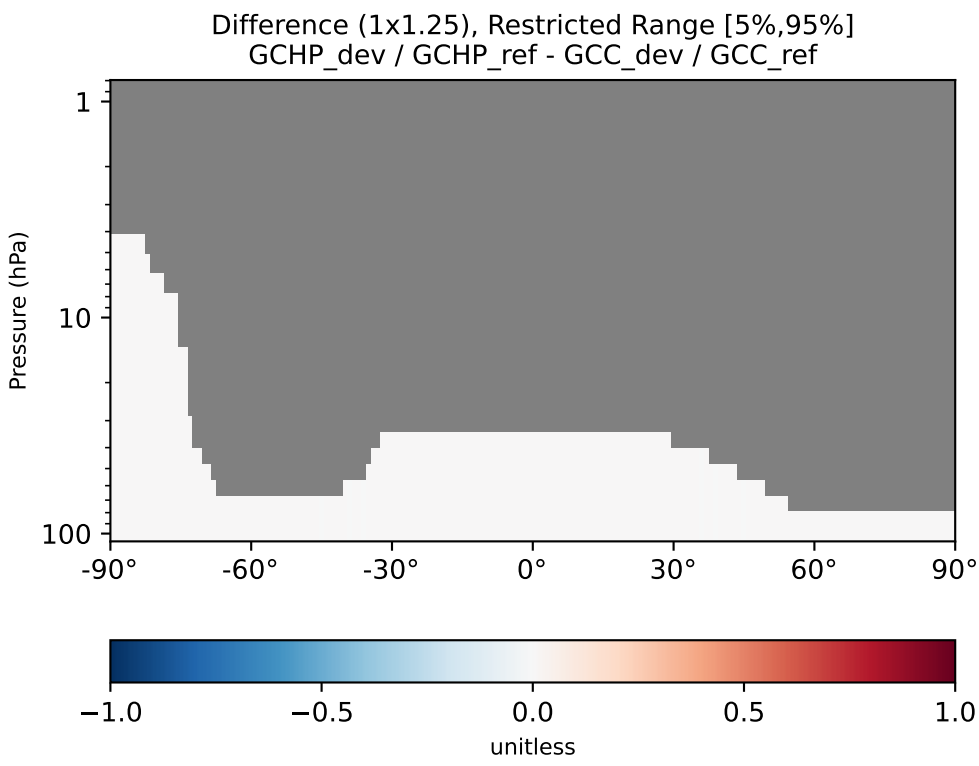
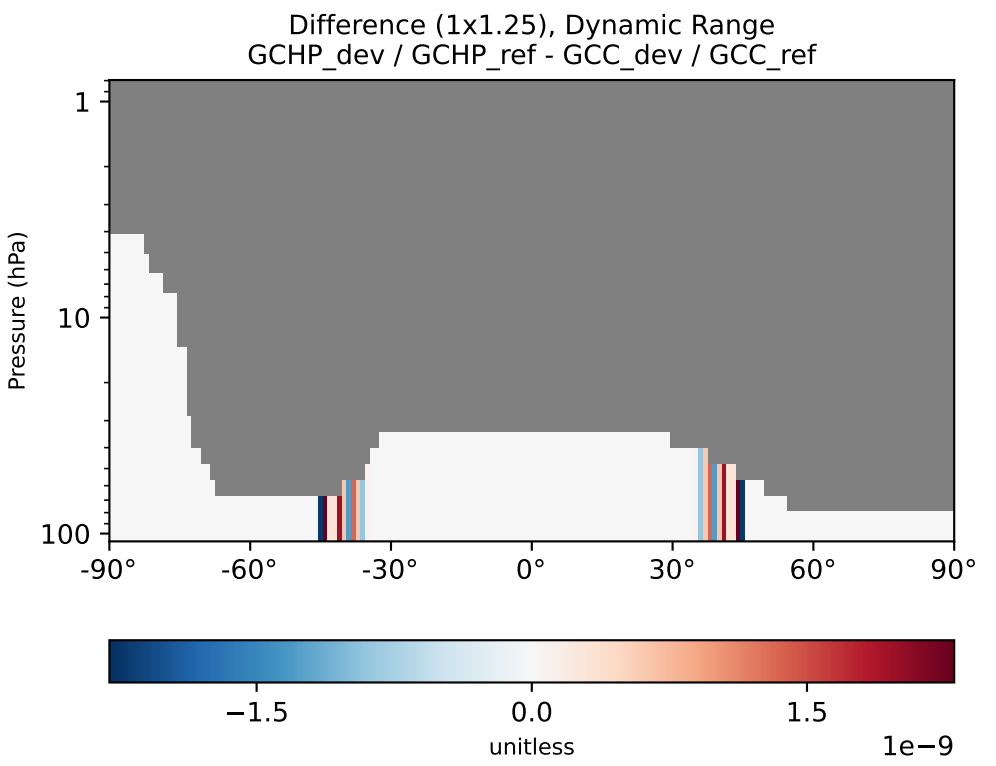
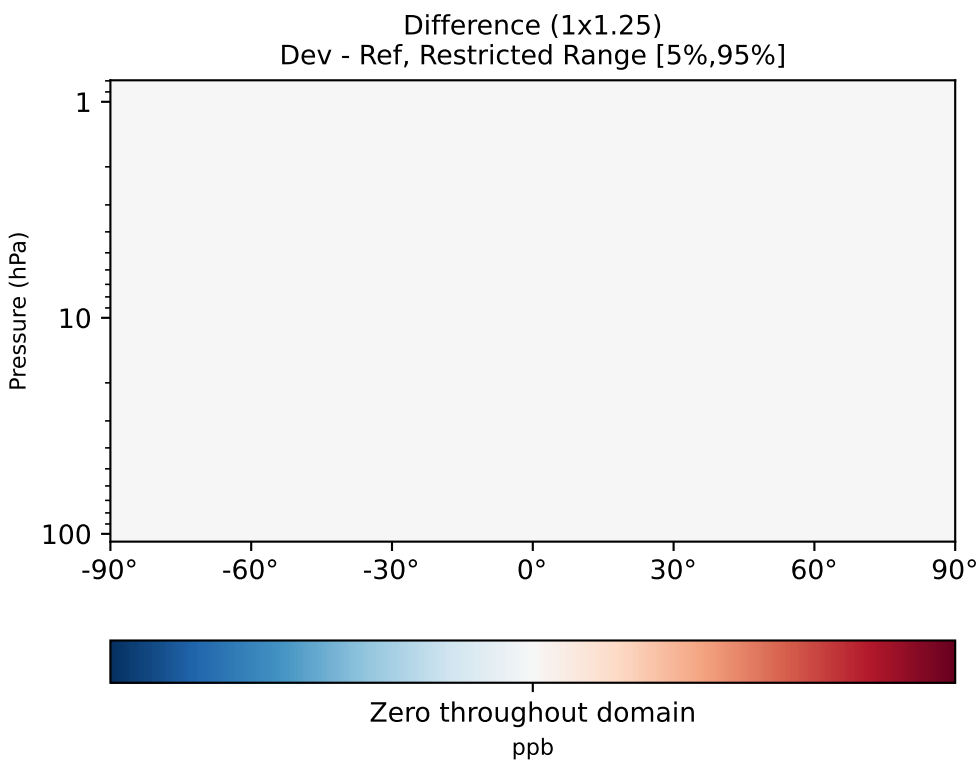
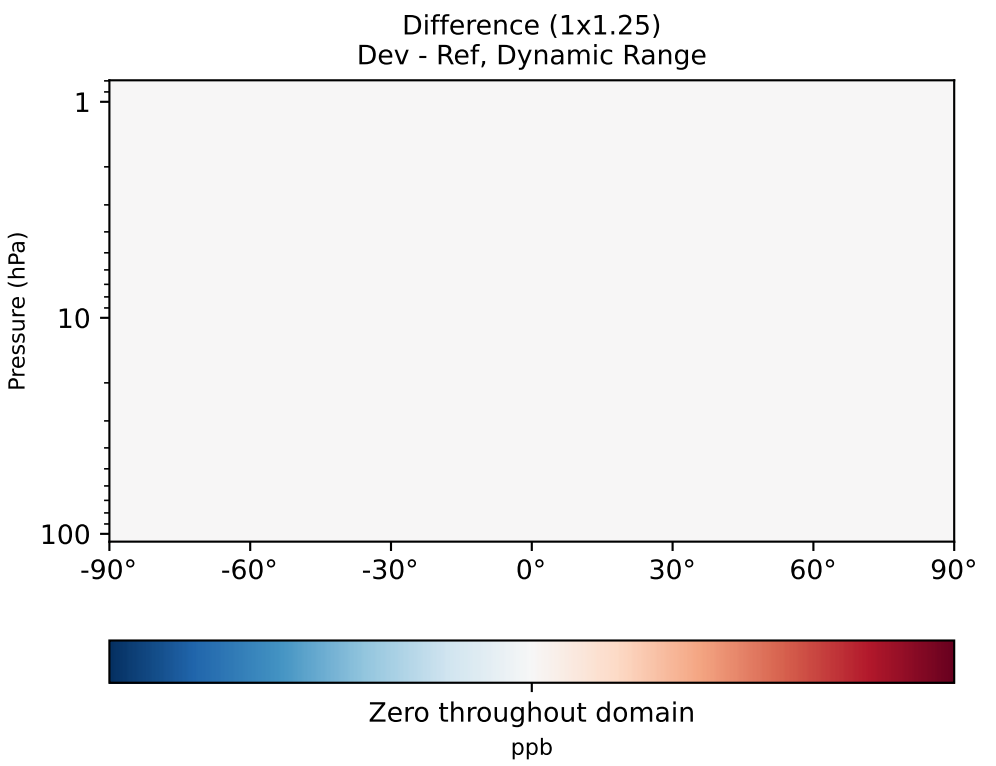
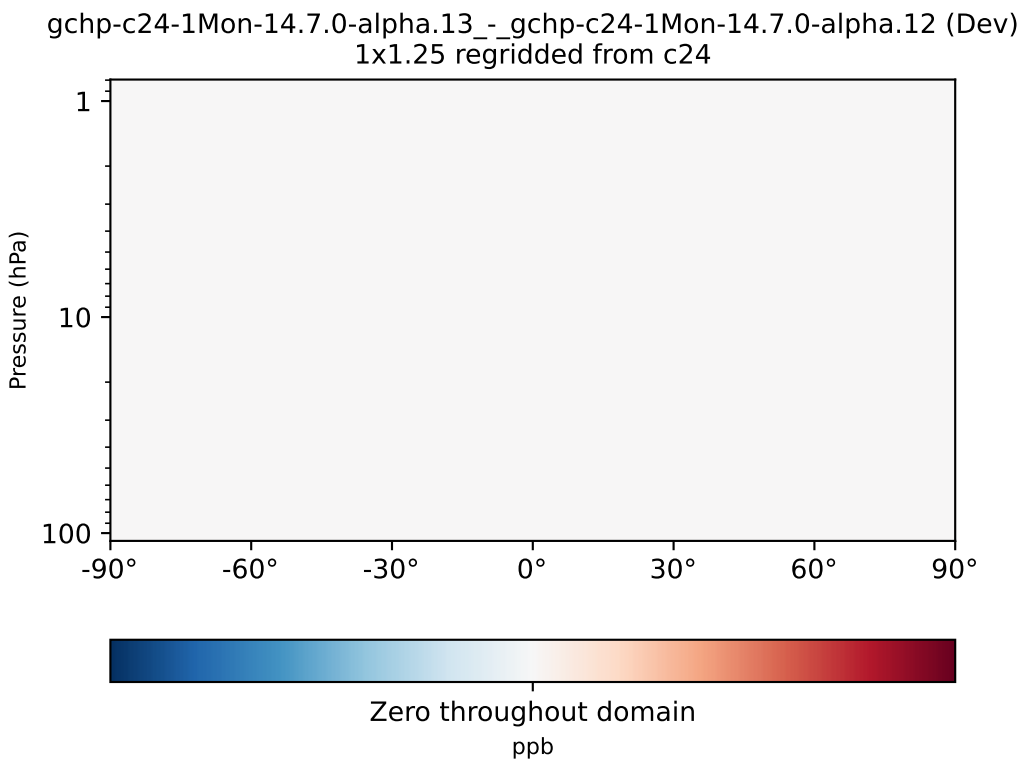
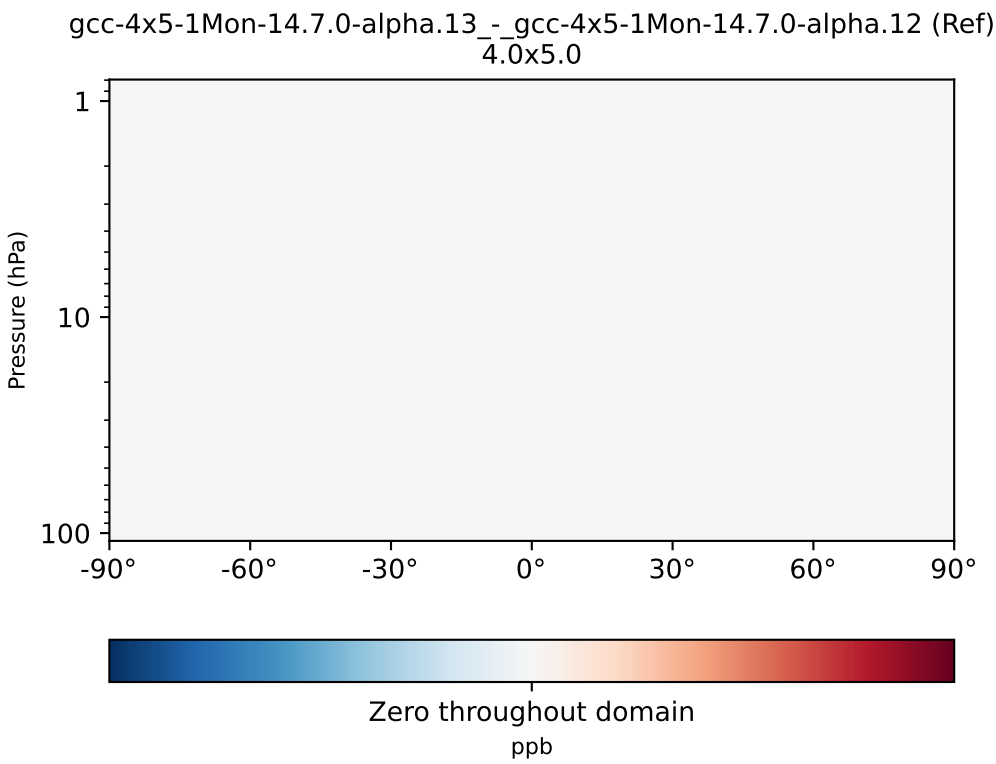
SpeciesConcVV_HNO4, Zonal Mean



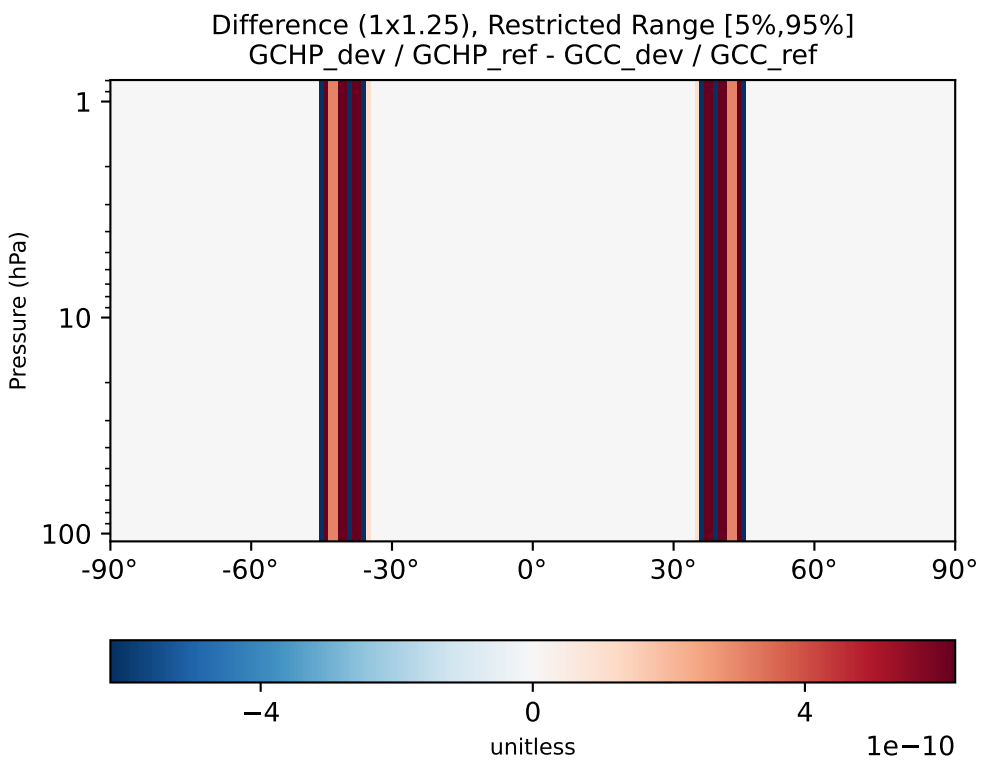
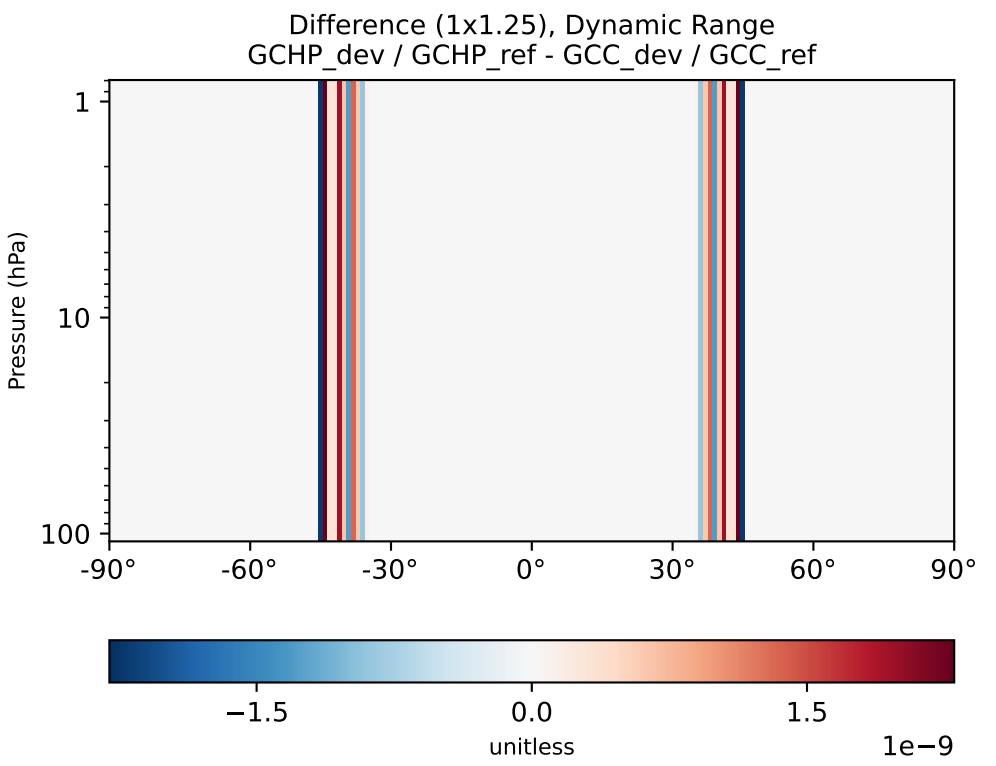
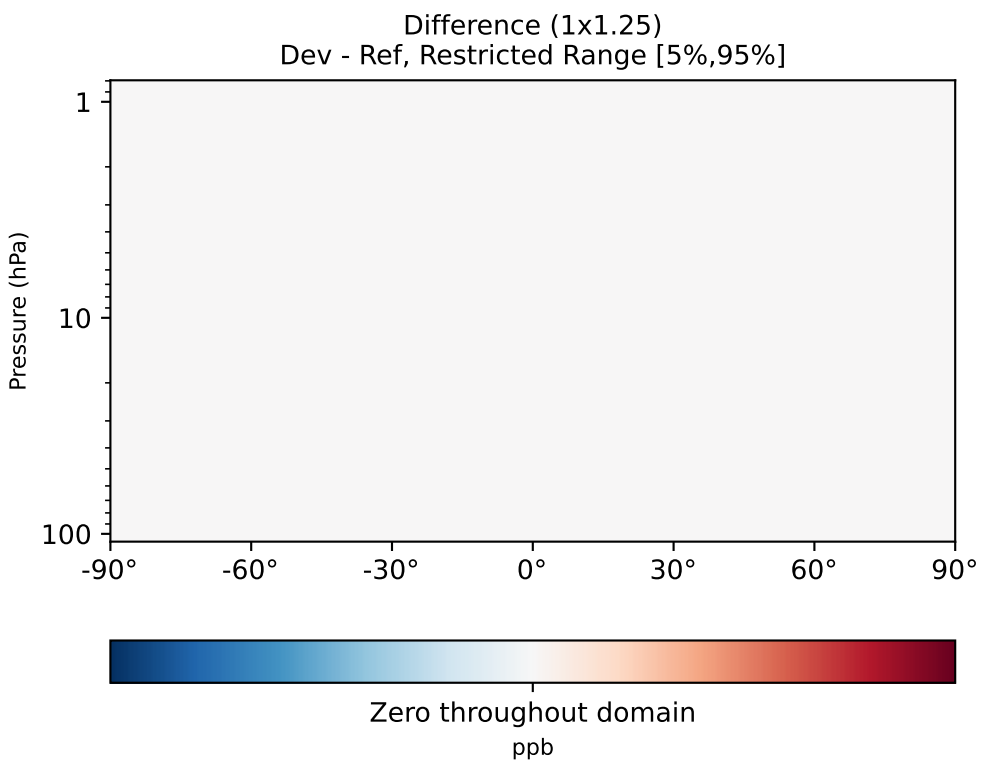
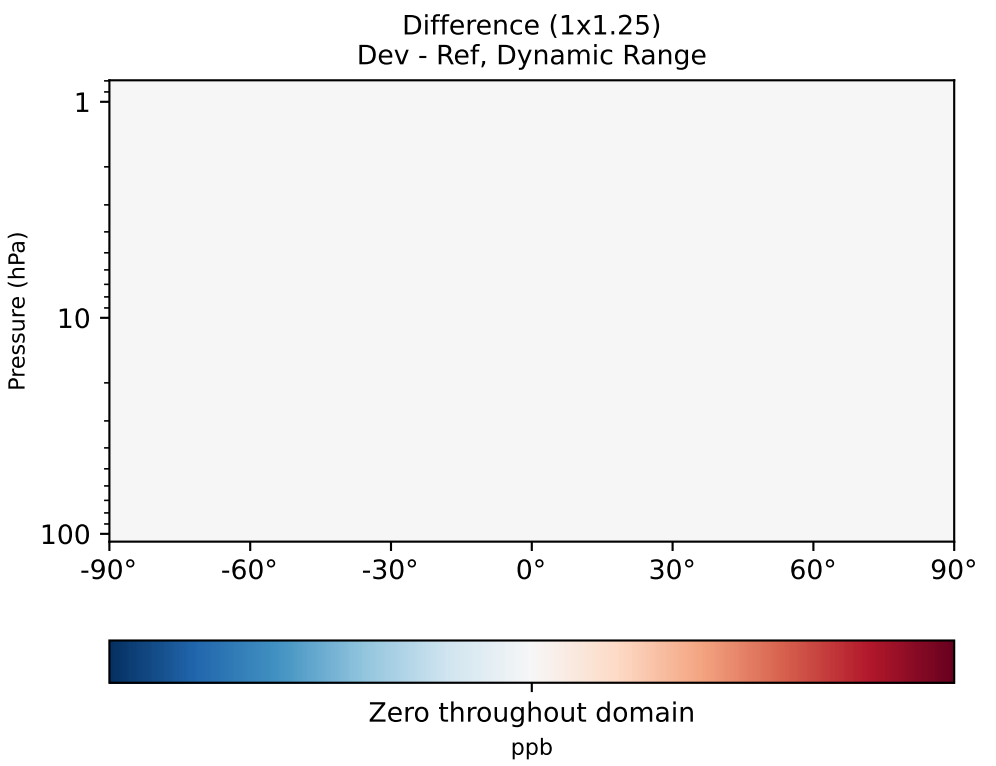
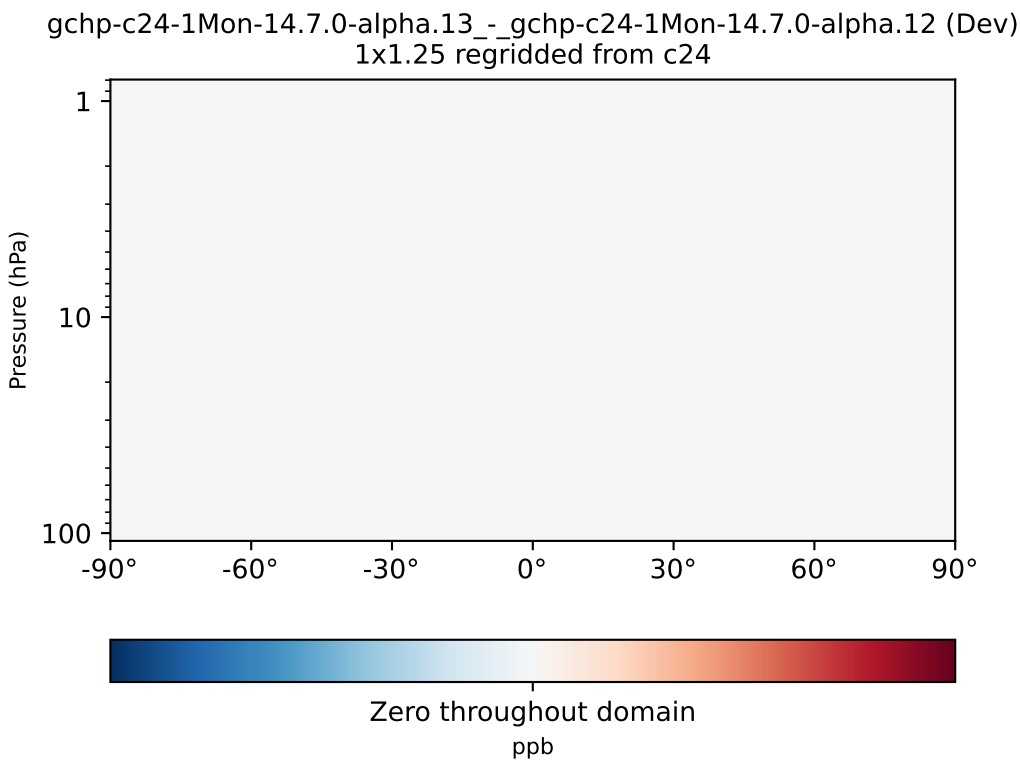
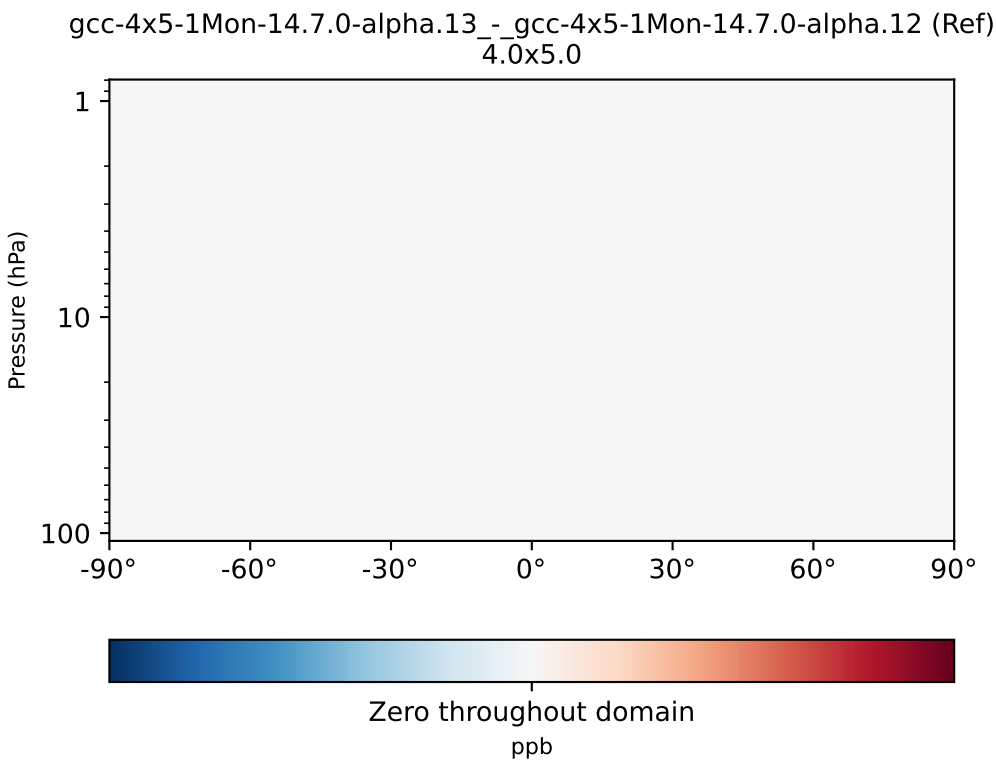
SpeciesConcVV_MPAN, Zonal Mean



SpeciesConcVV_NIT, Zonal Mean

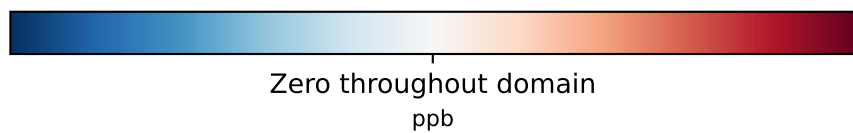
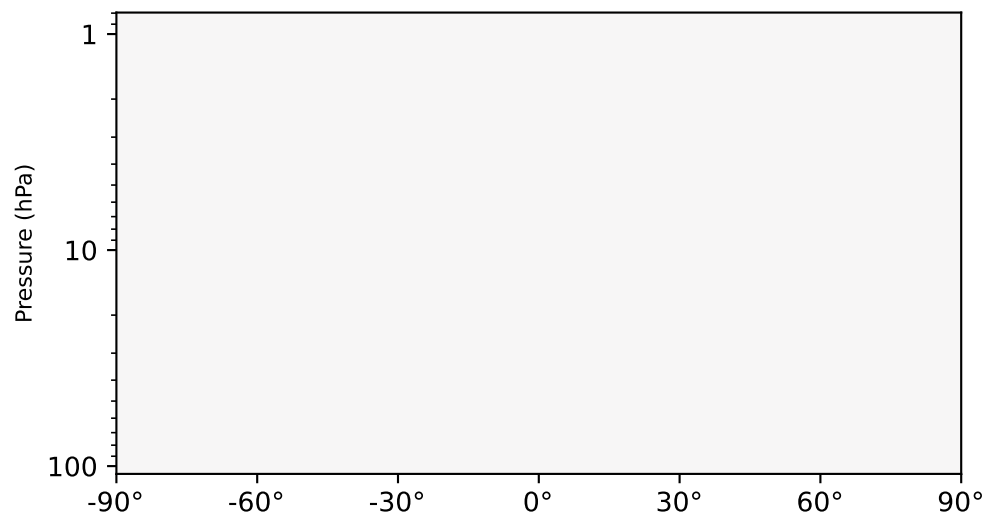


SpeciesConcVV_NO, Zonal Mean

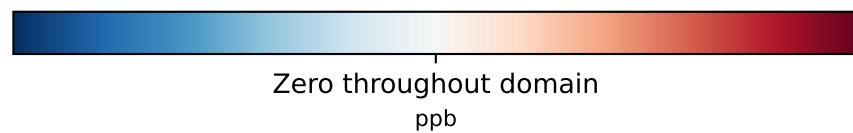
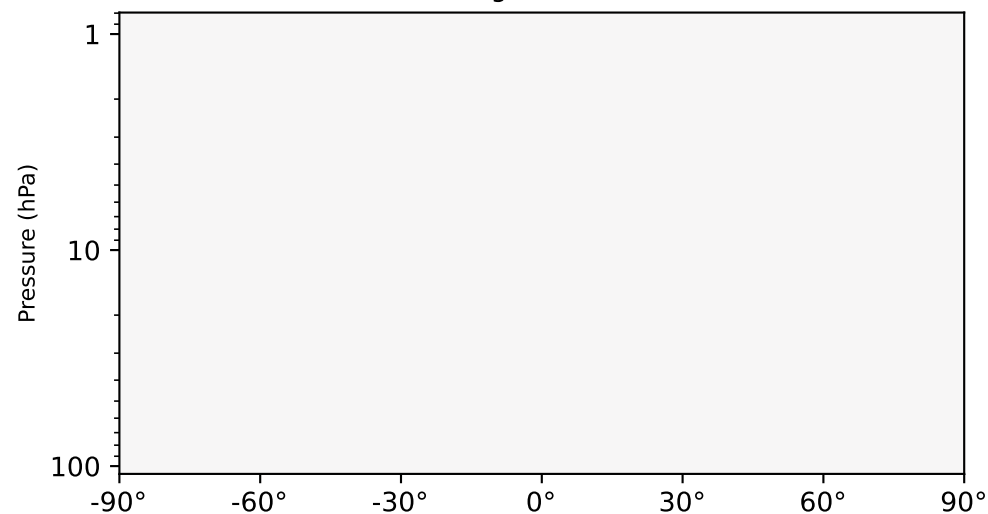


SpeciesConcVV_NO2, Zonal Mean

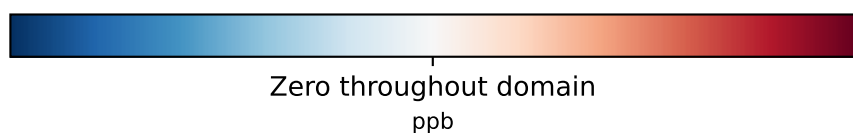
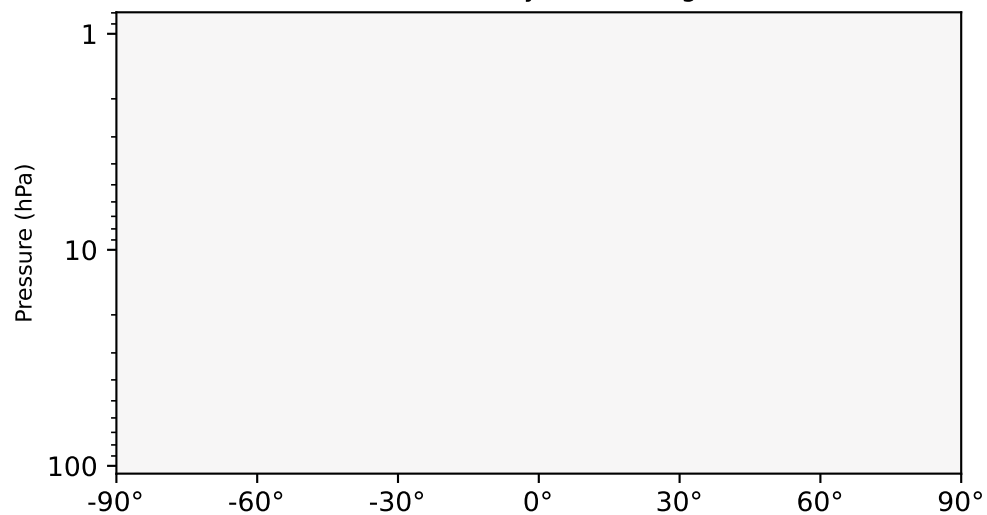
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



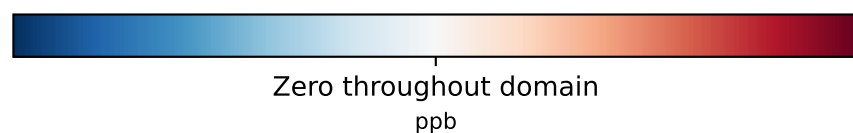
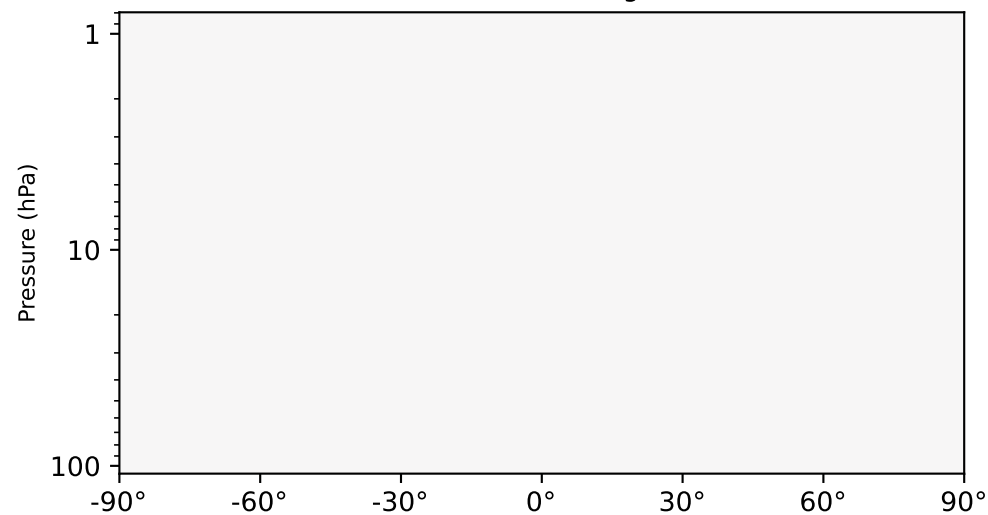
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



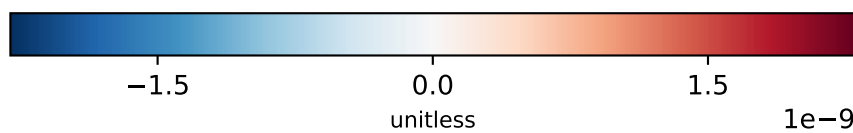
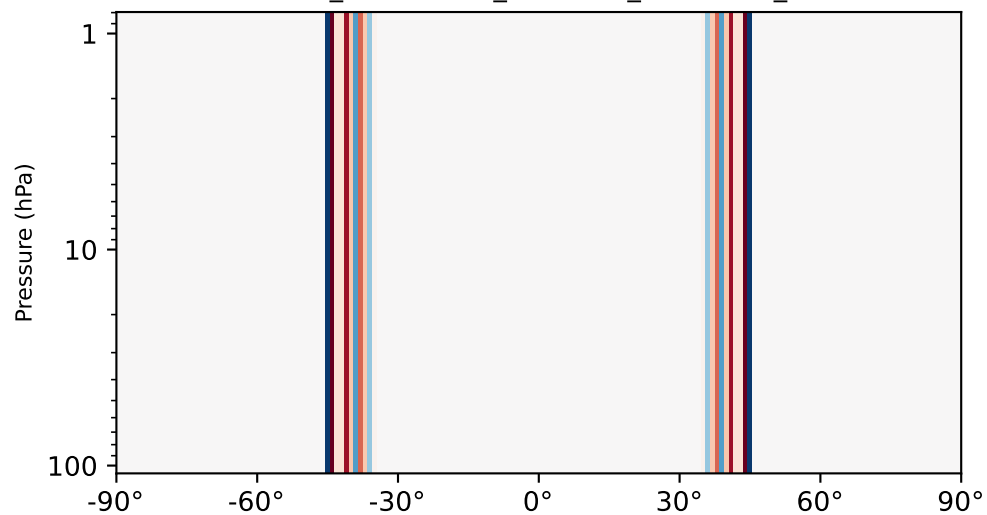
Difference (1x1.25)
Dev - Ref, Dynamic Range



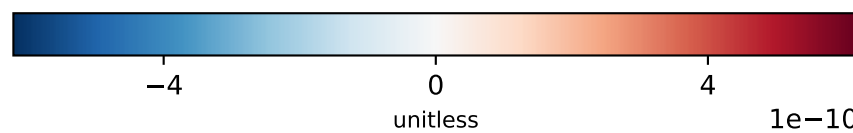
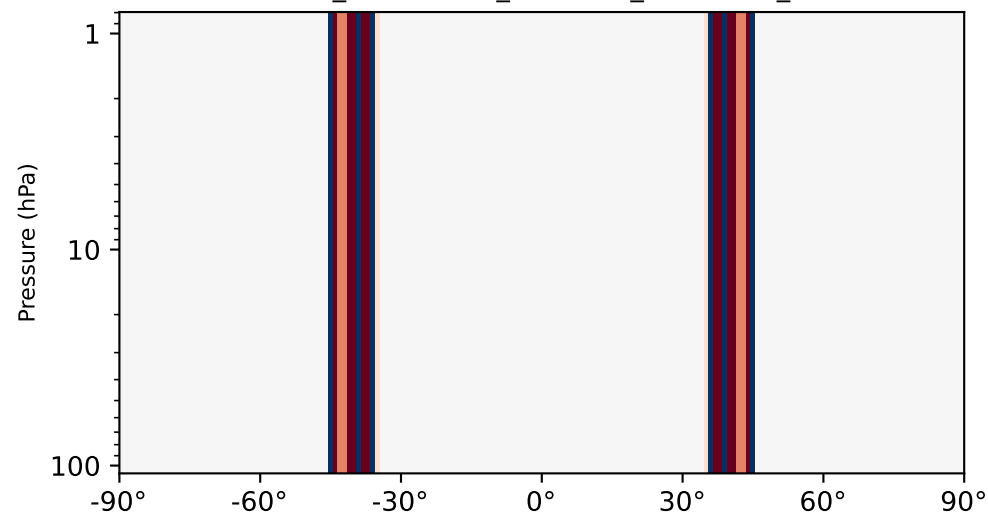
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

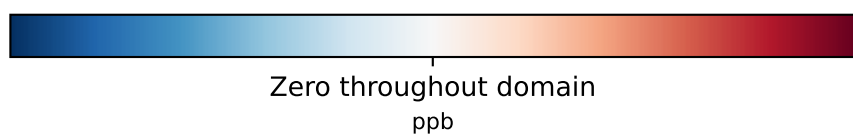
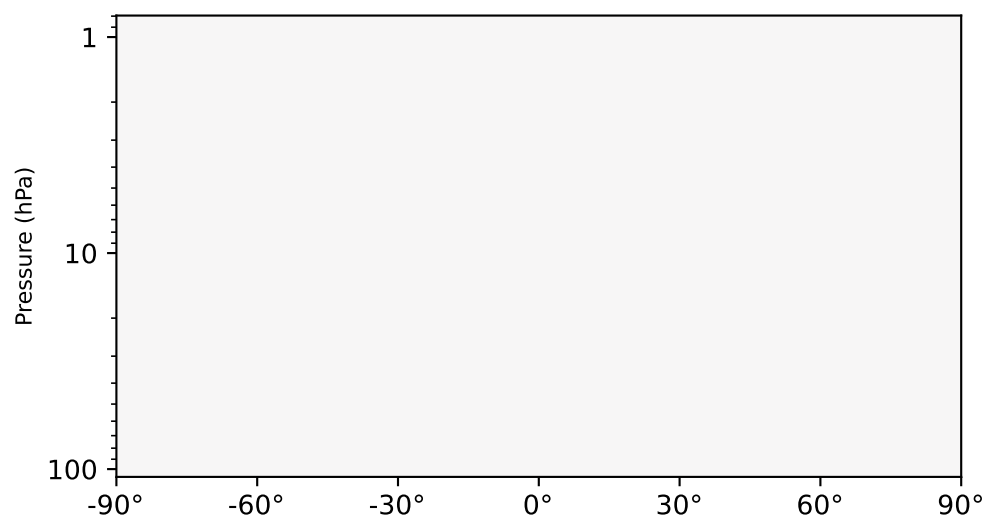


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

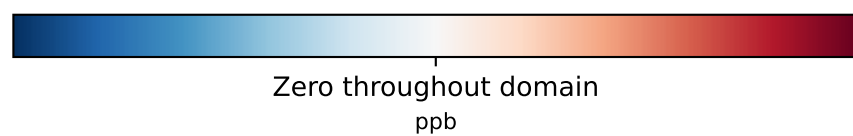
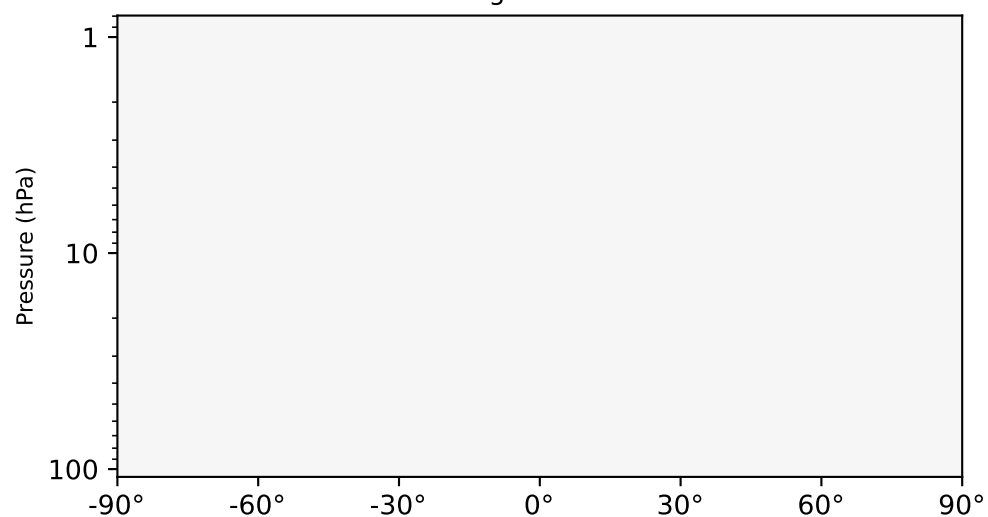


SpeciesConcVV_NO3, Zonal Mean

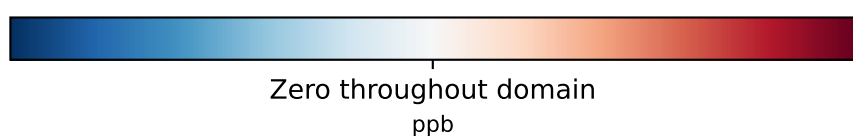
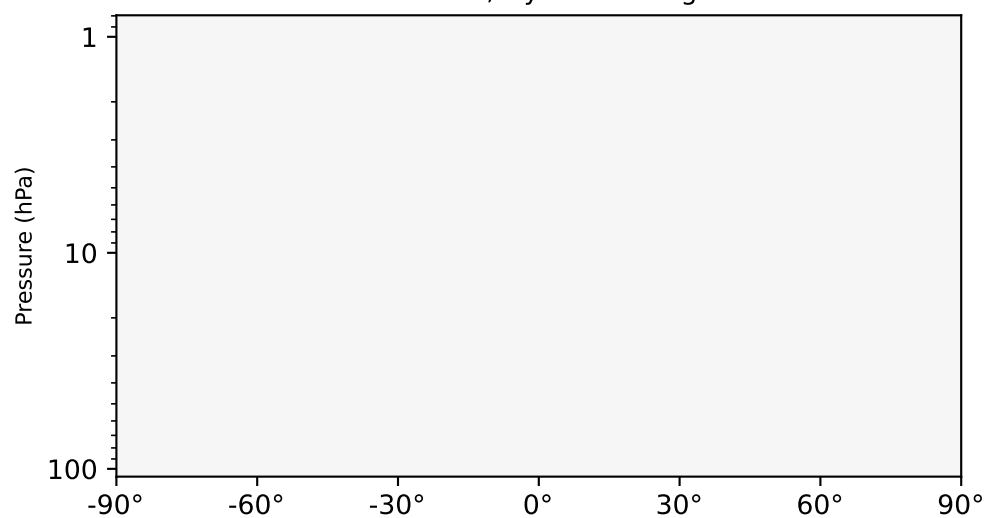
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



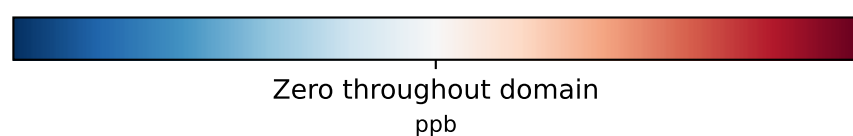
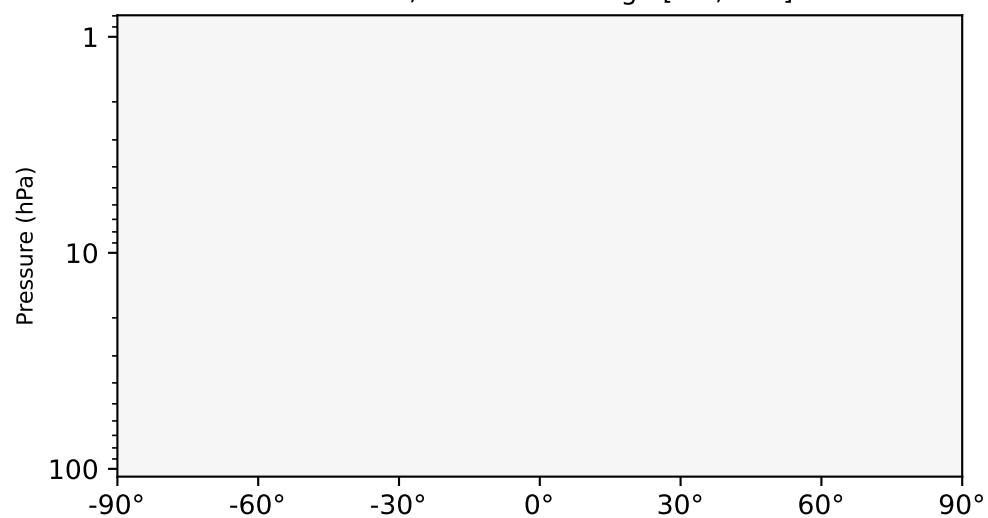
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



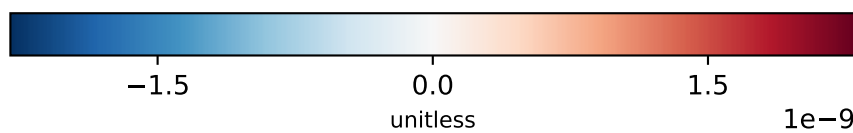
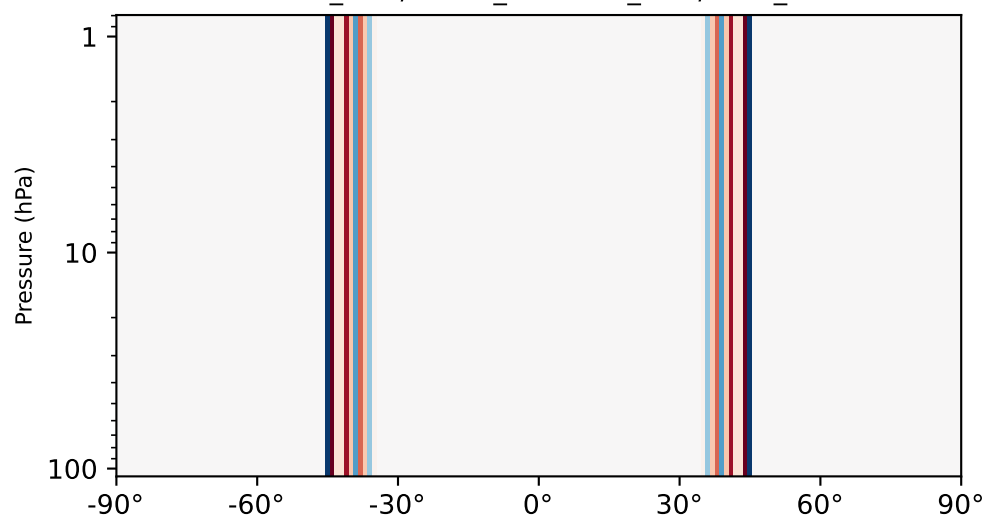
Difference (1x1.25)
Dev - Ref, Dynamic Range



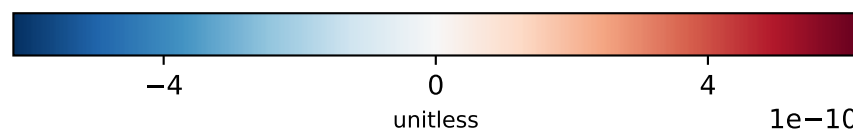
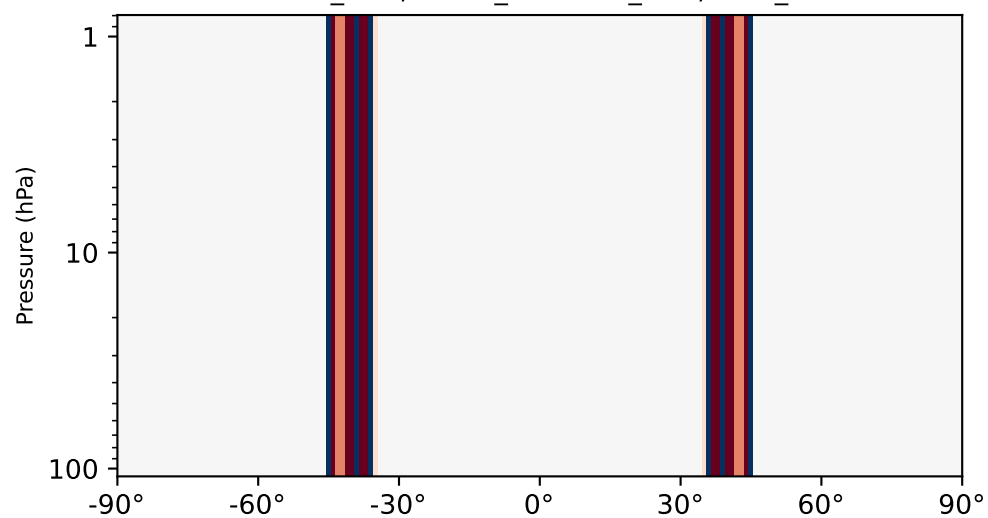
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



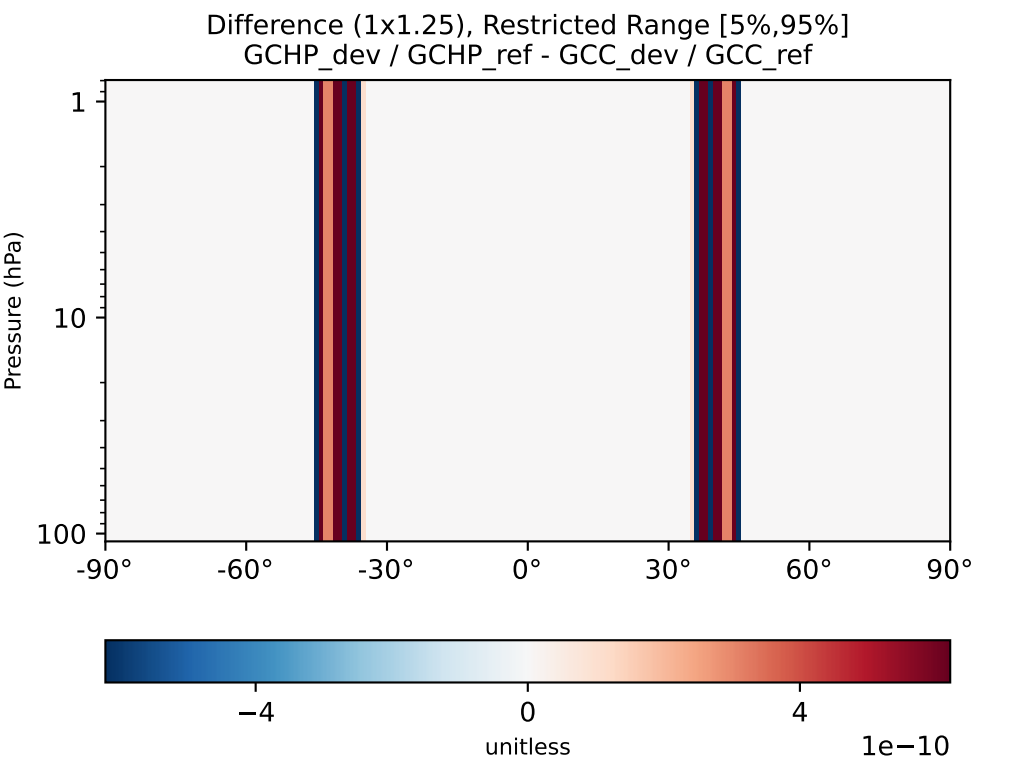
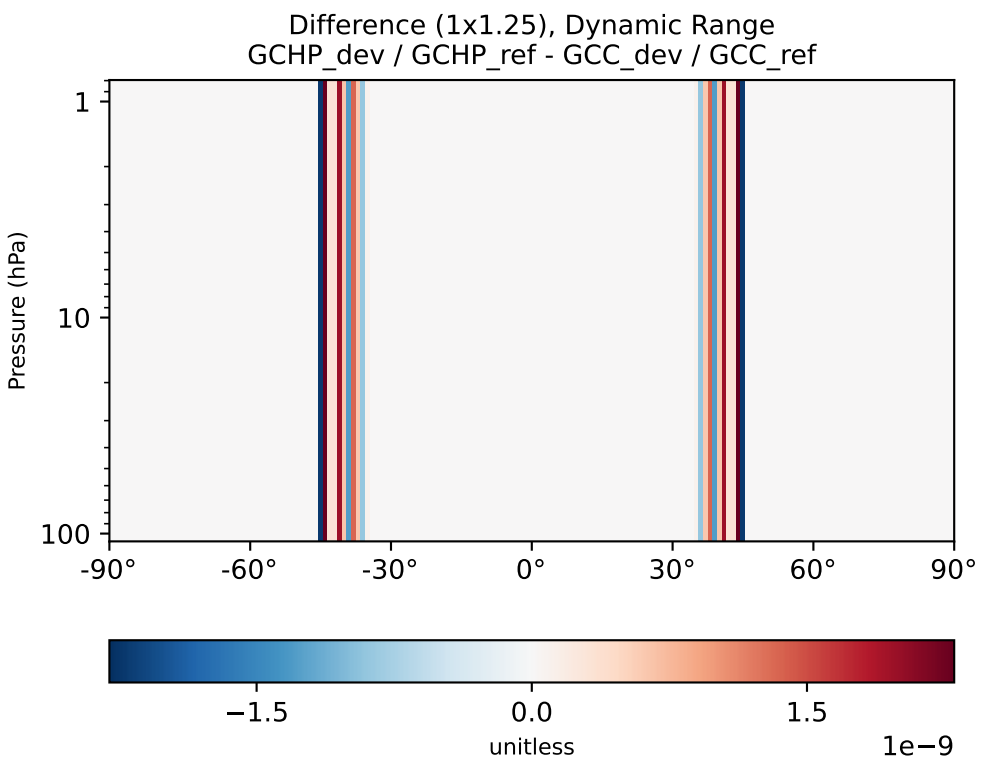
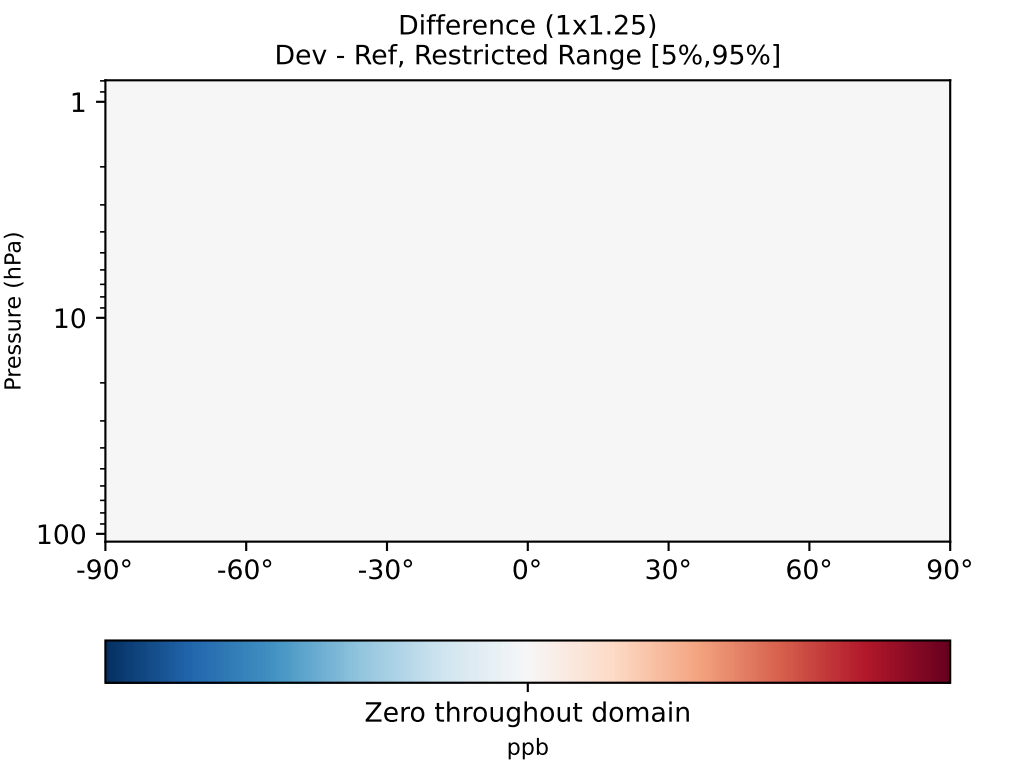
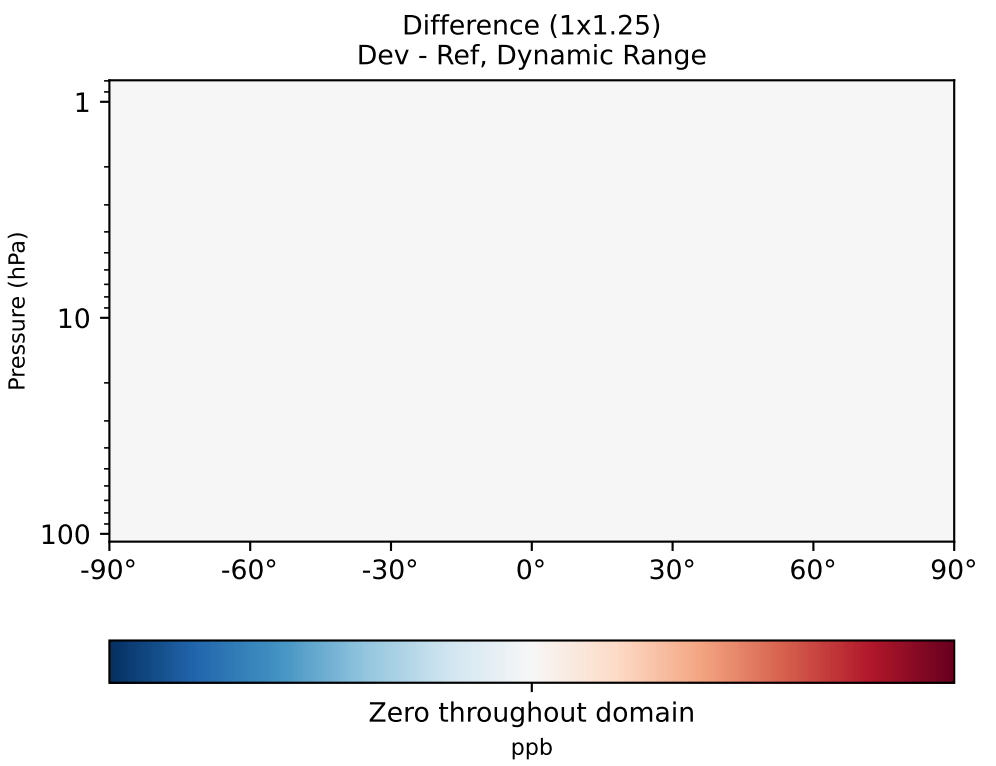
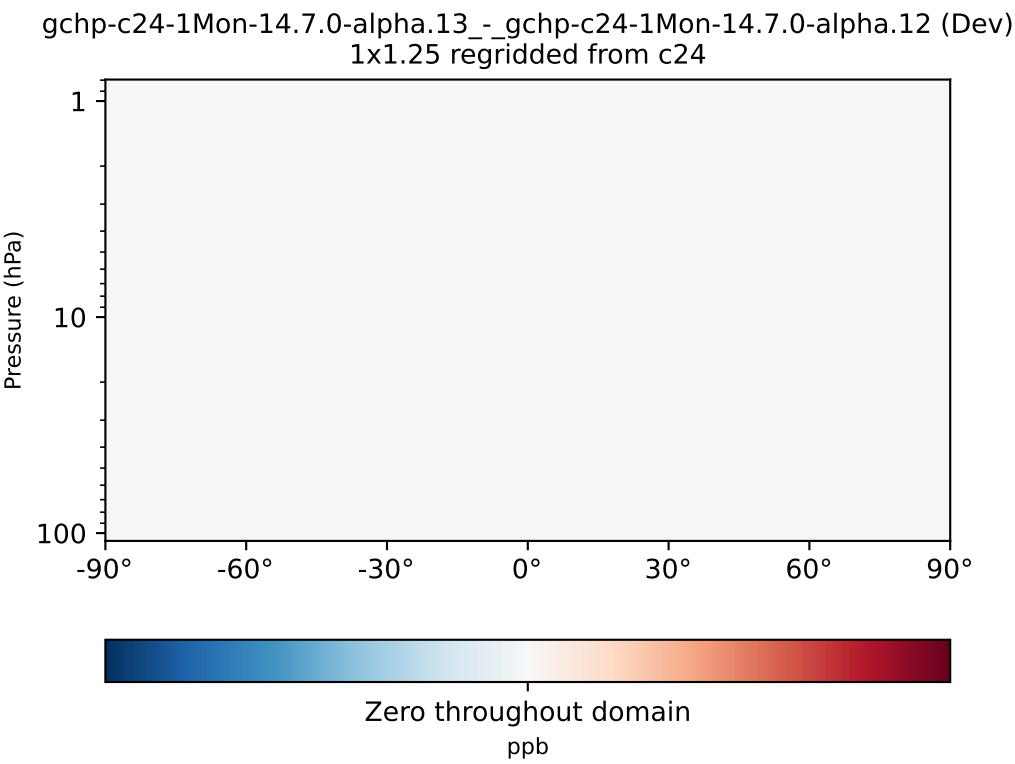
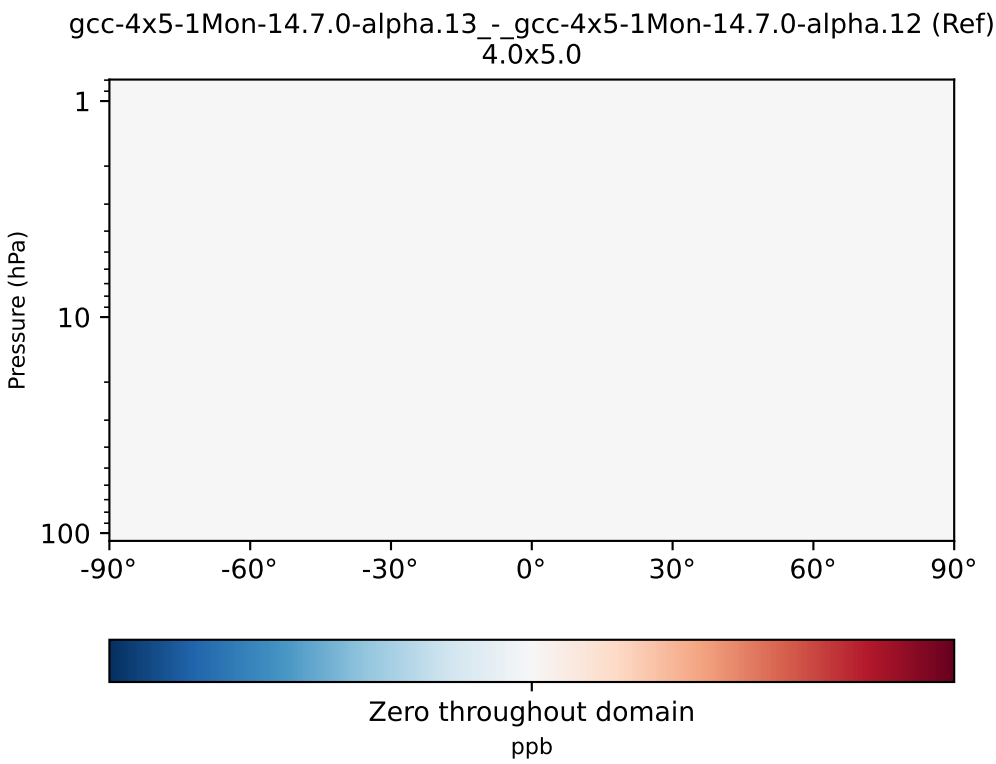
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

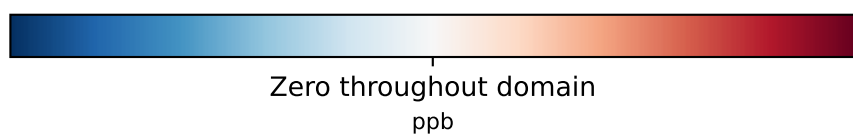
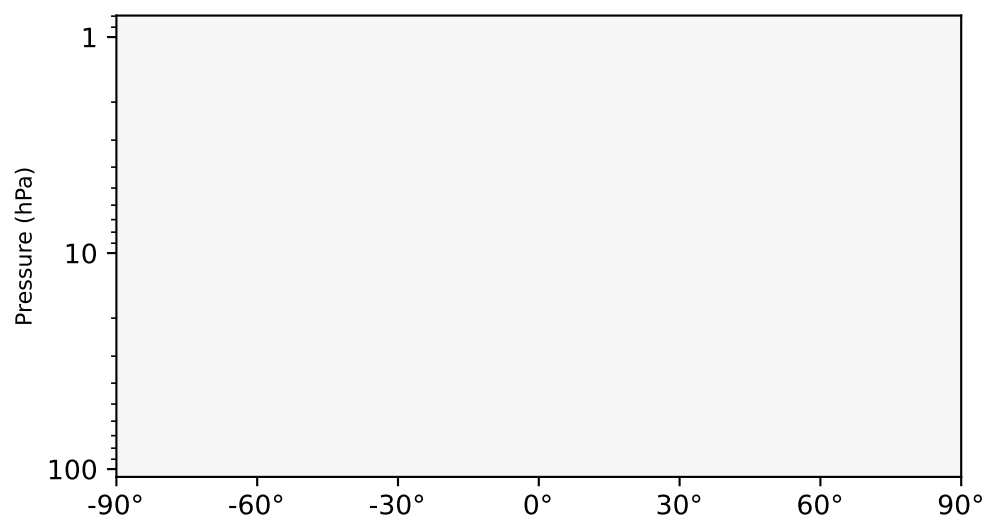


SpeciesConcVV_N2O5, Zonal Mean

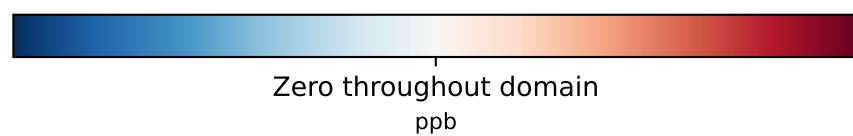
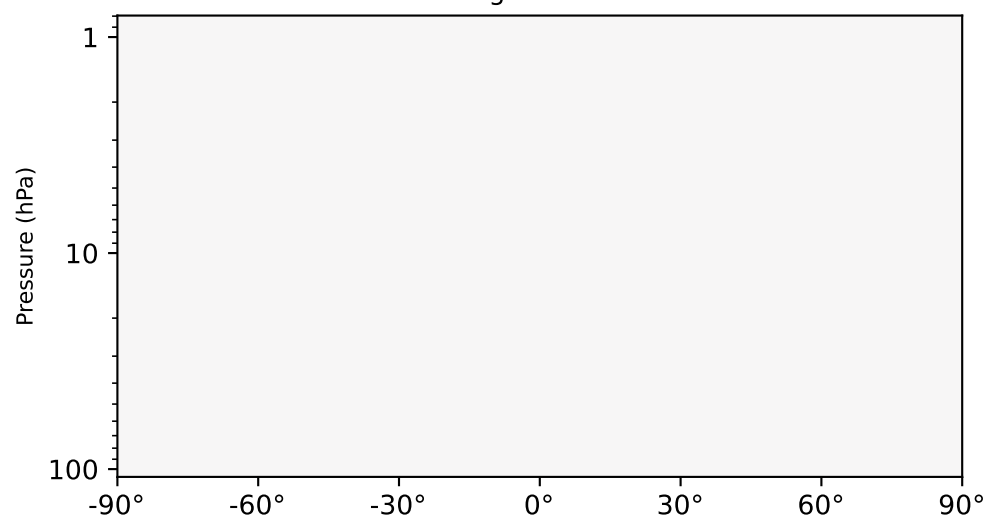


SpeciesConcVV_MPN, Zonal Mean

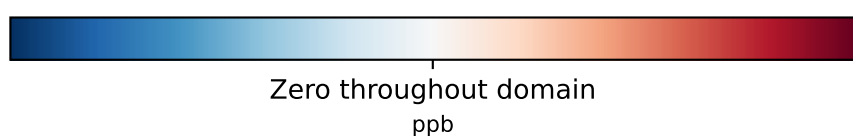
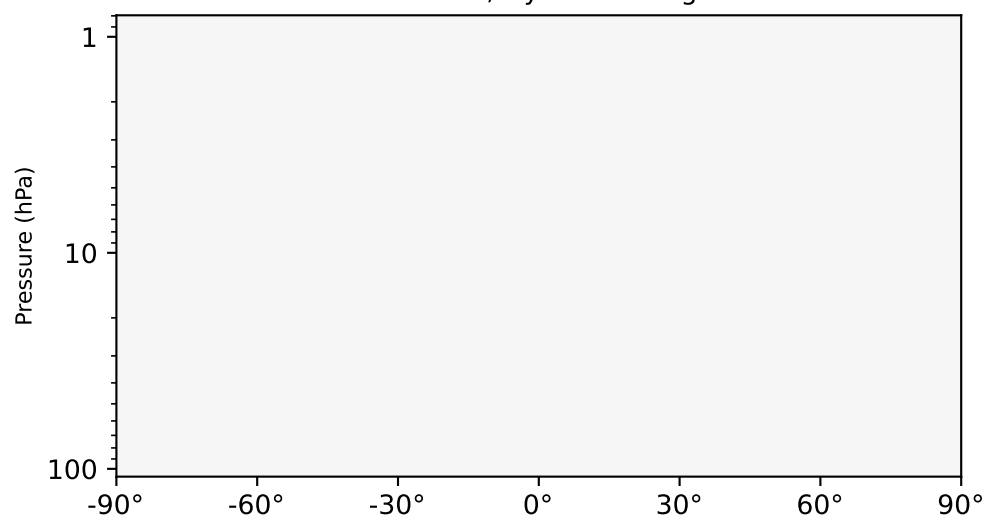
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



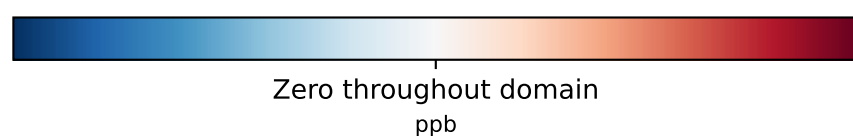
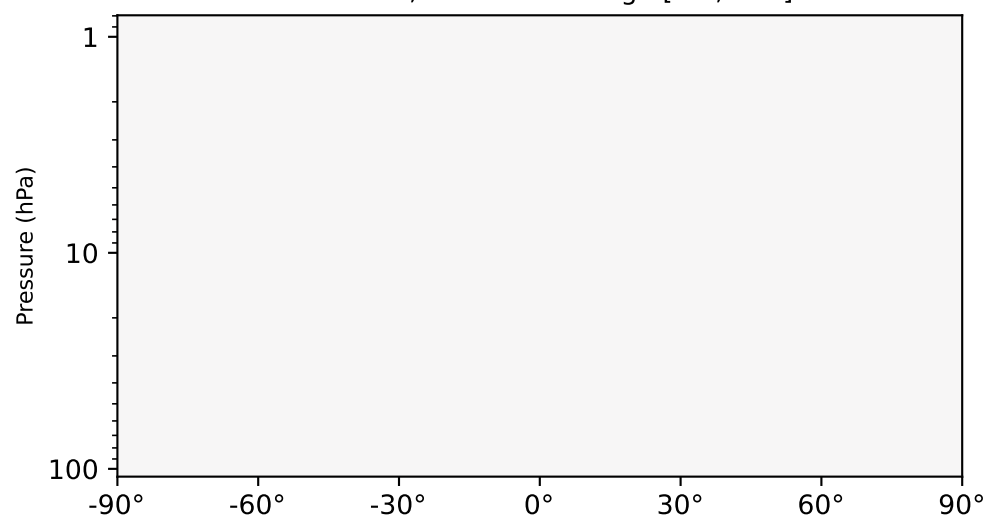
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



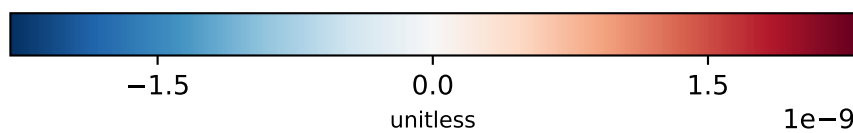
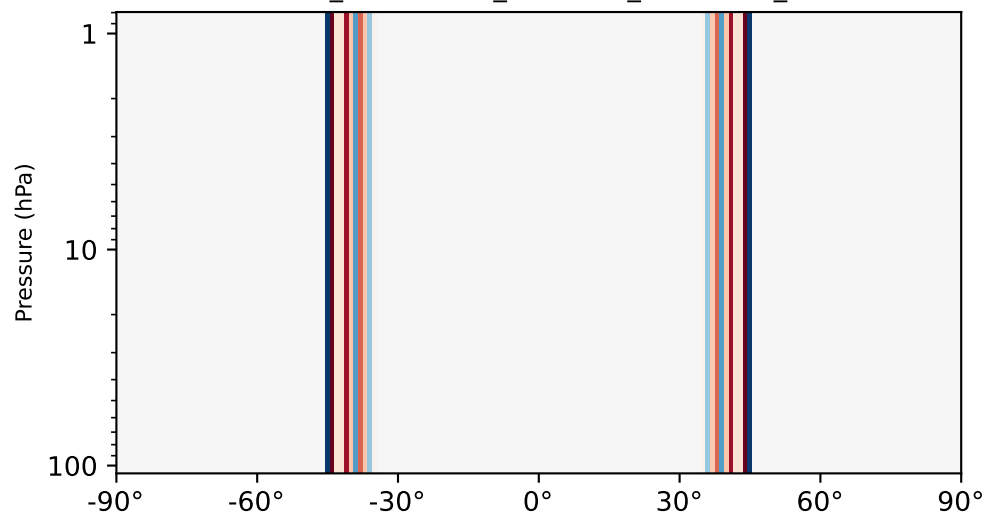
Difference (1x1.25)
Dev - Ref, Dynamic Range



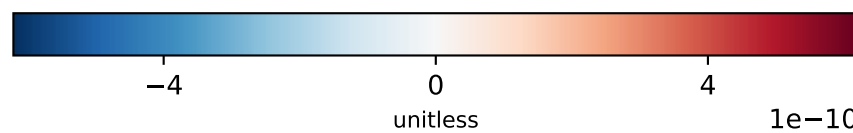
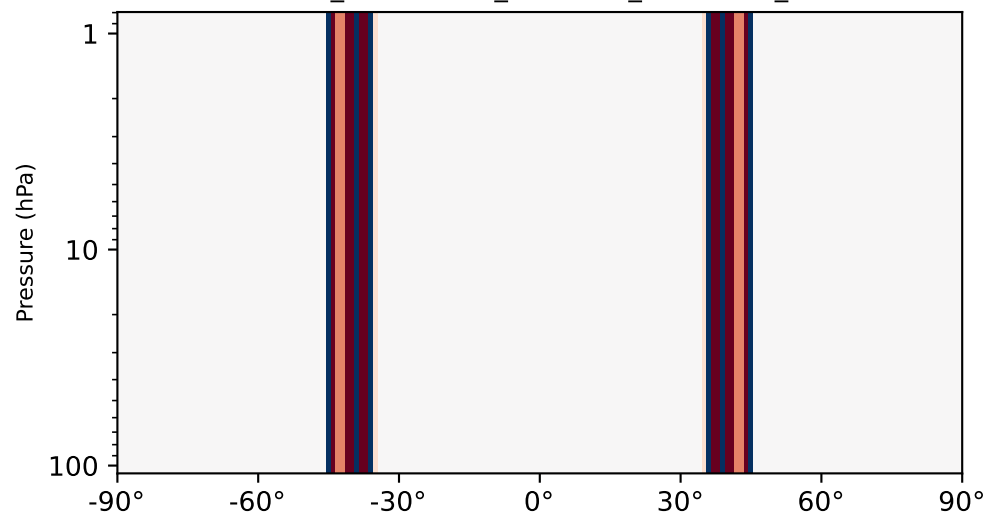
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



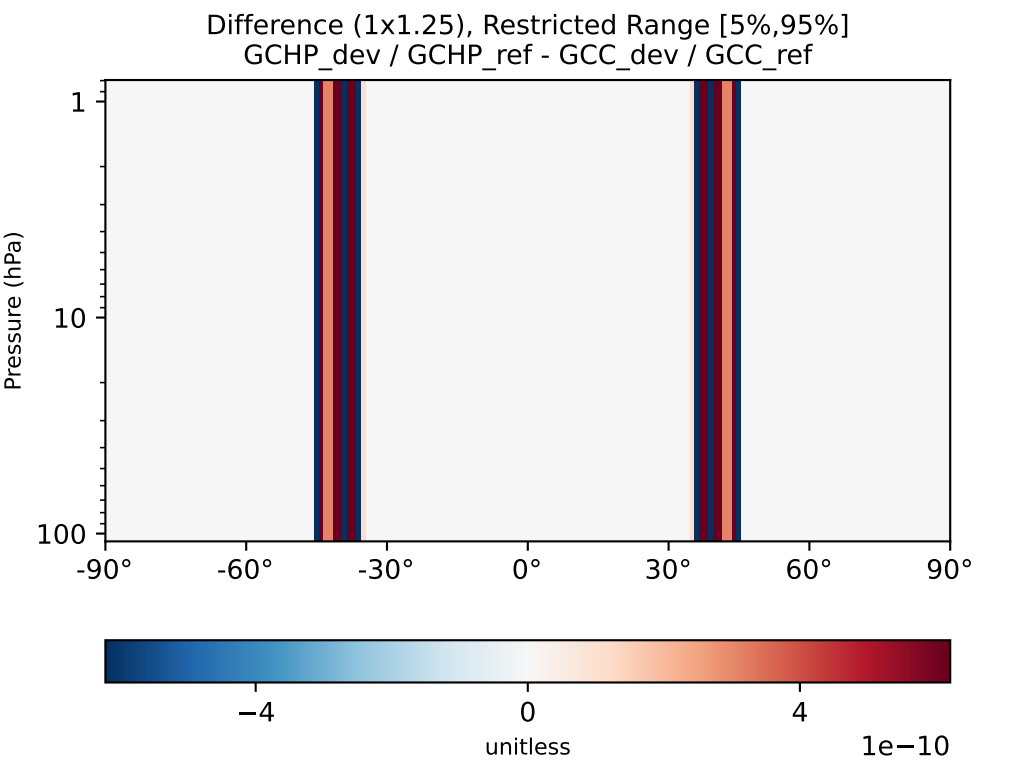
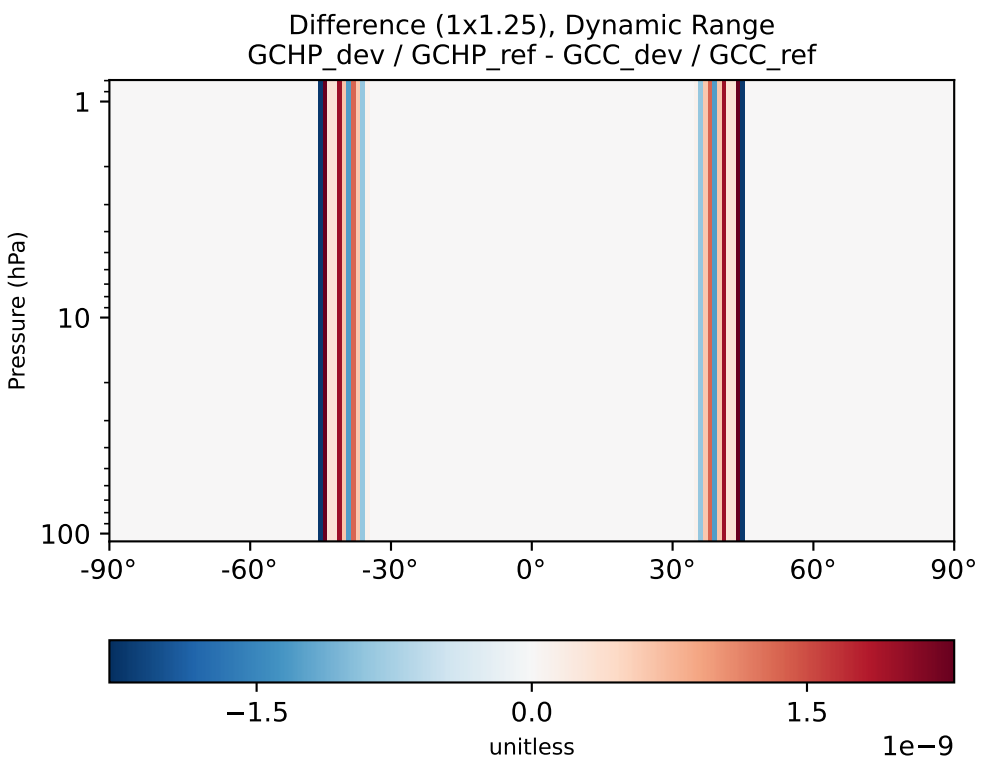
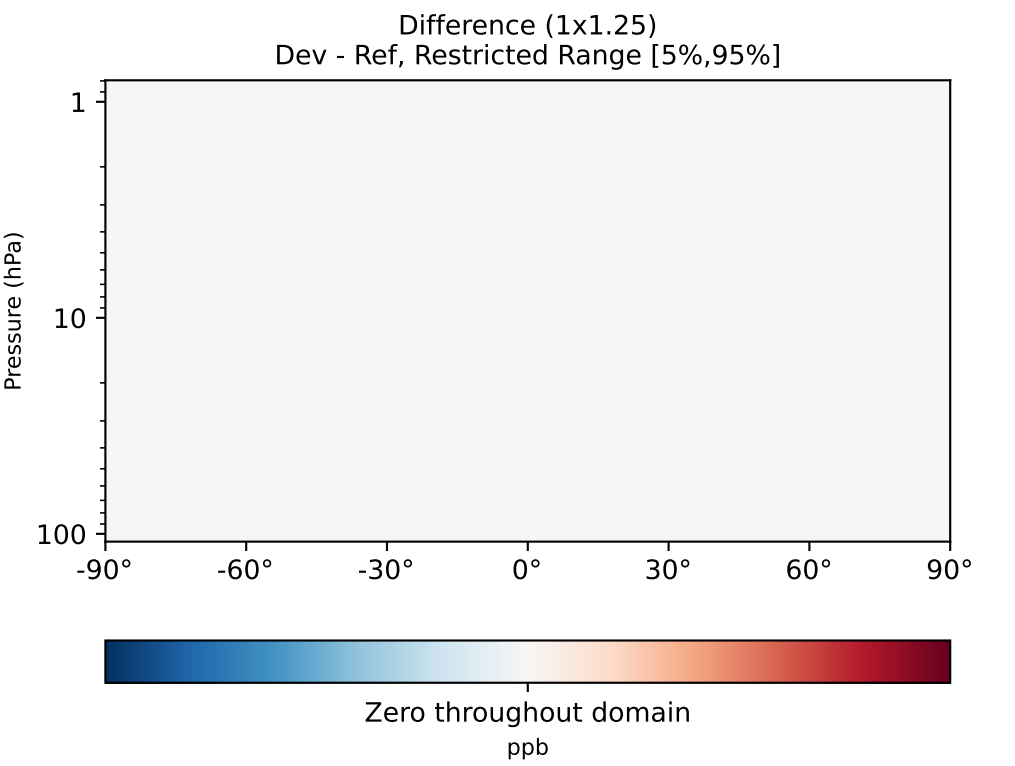
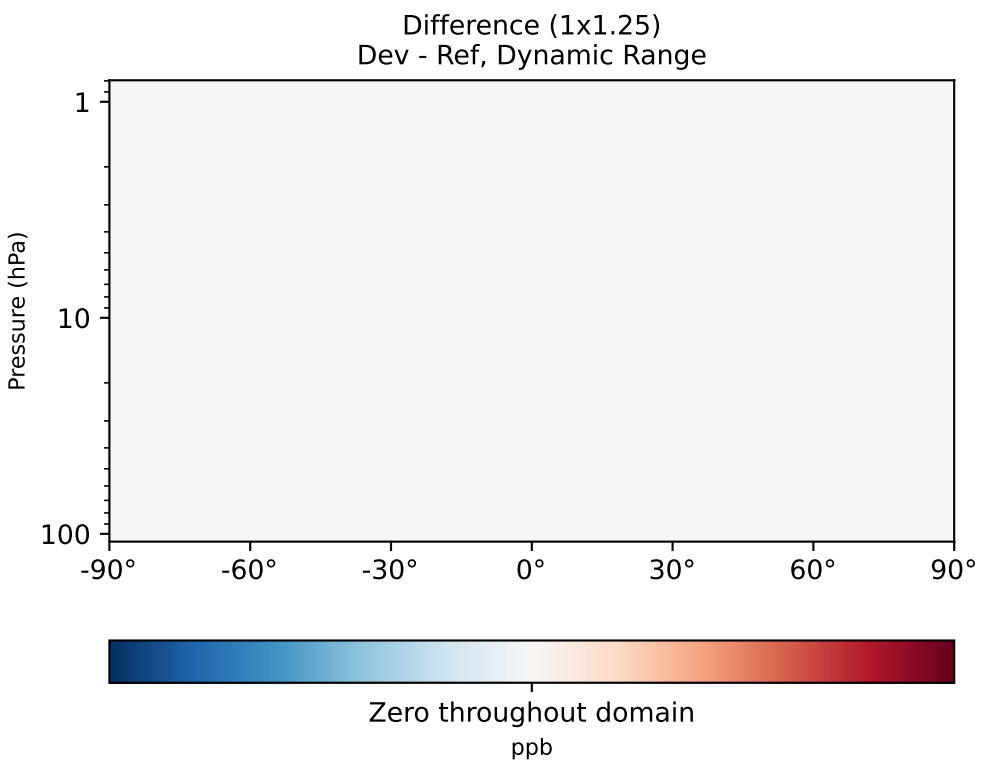
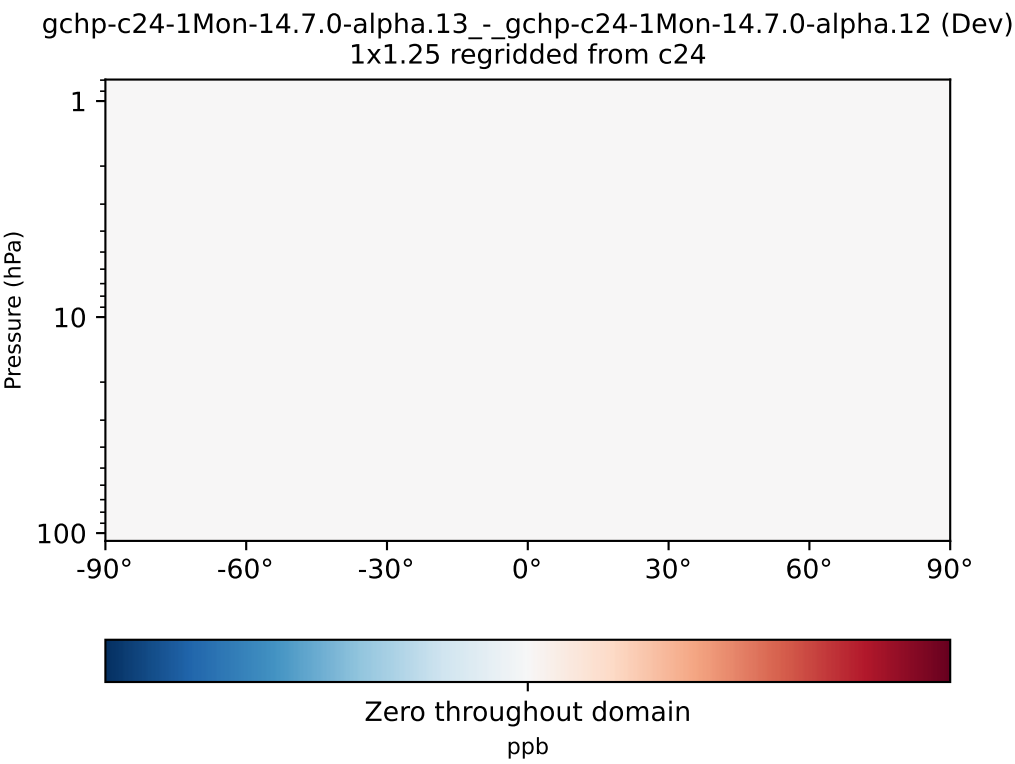
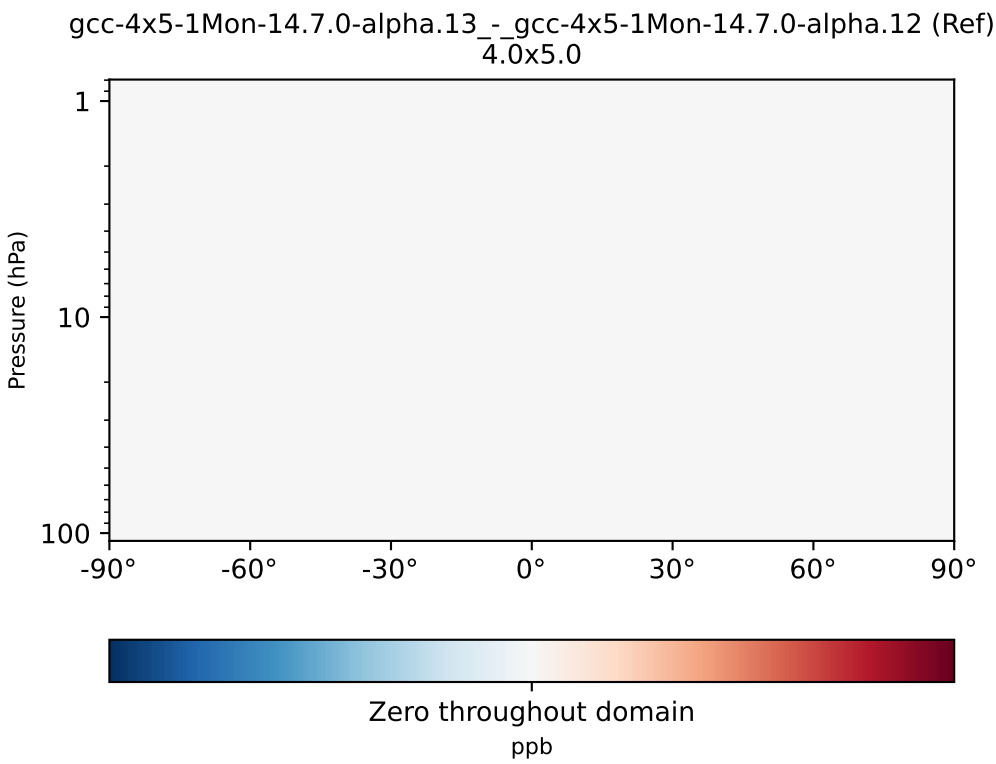
Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



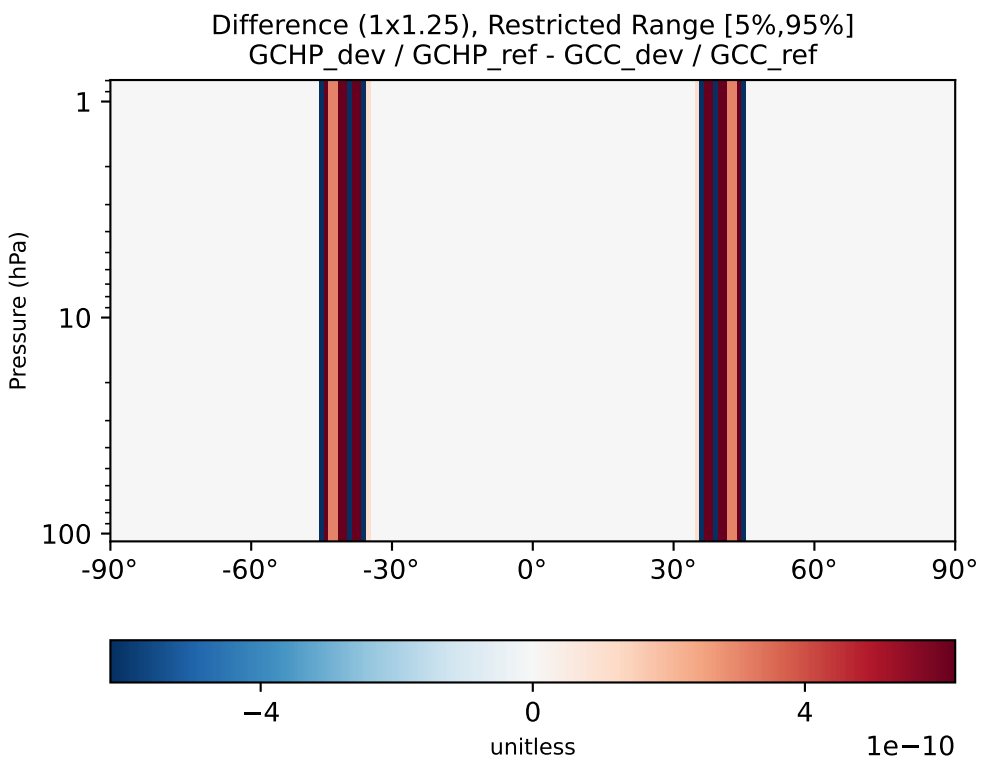
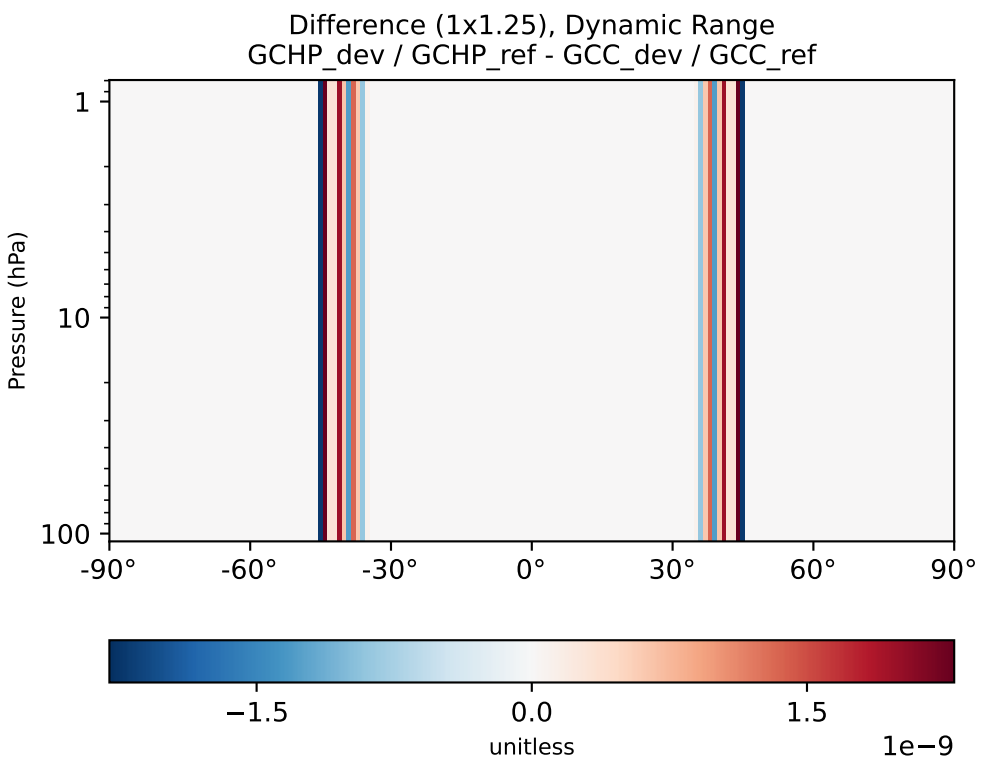
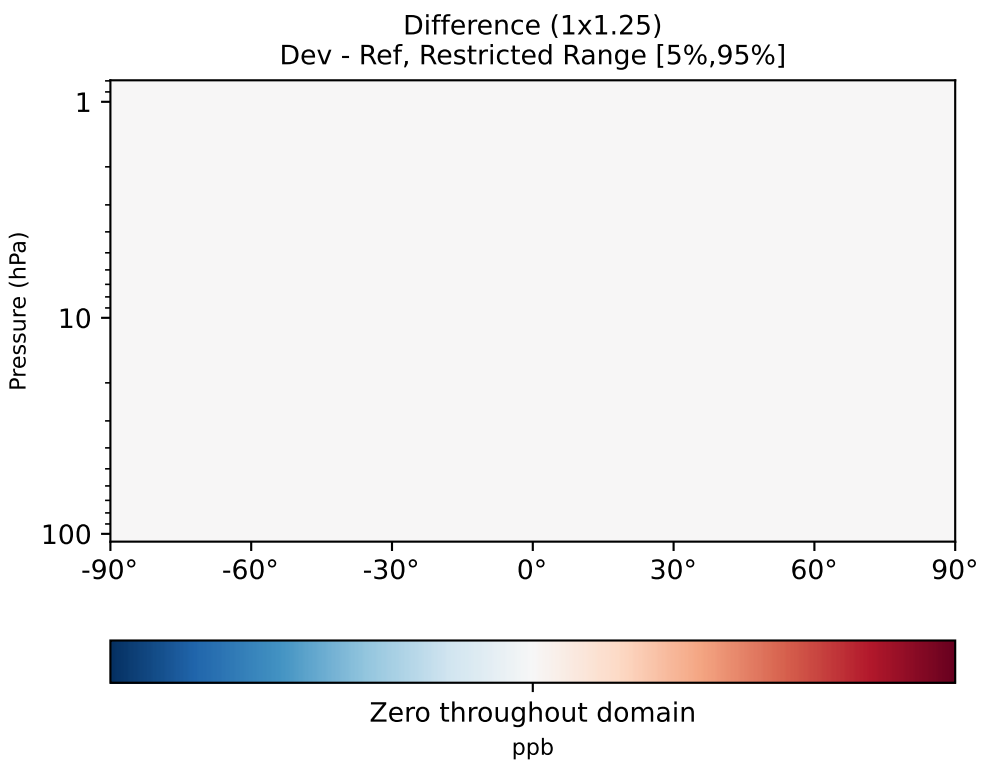
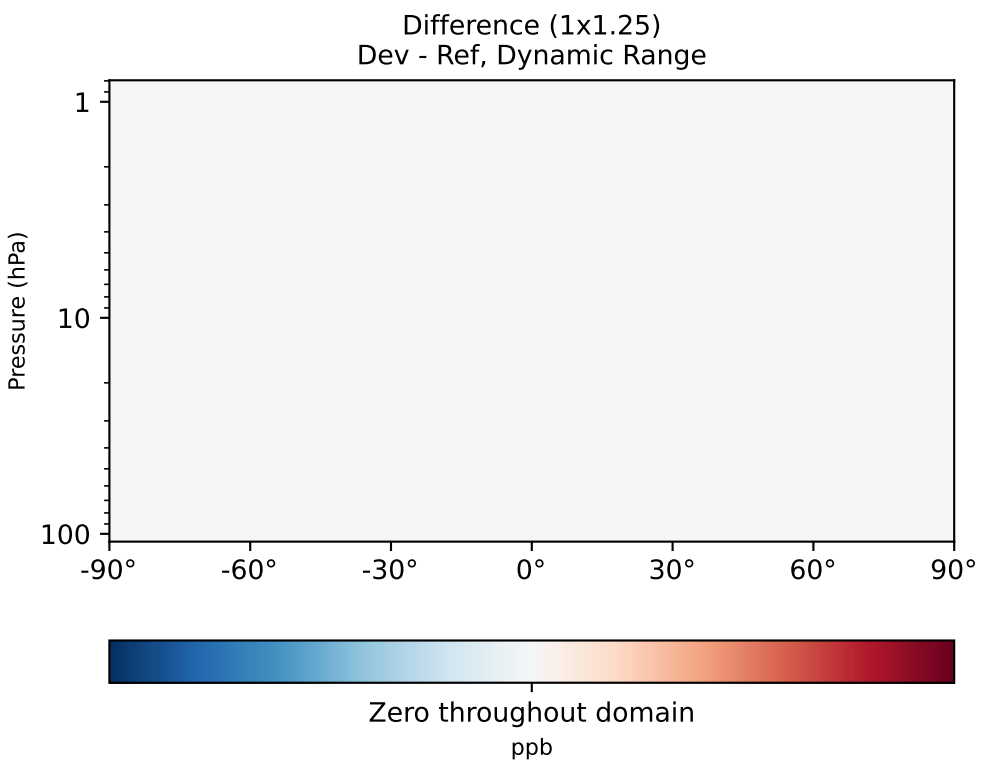
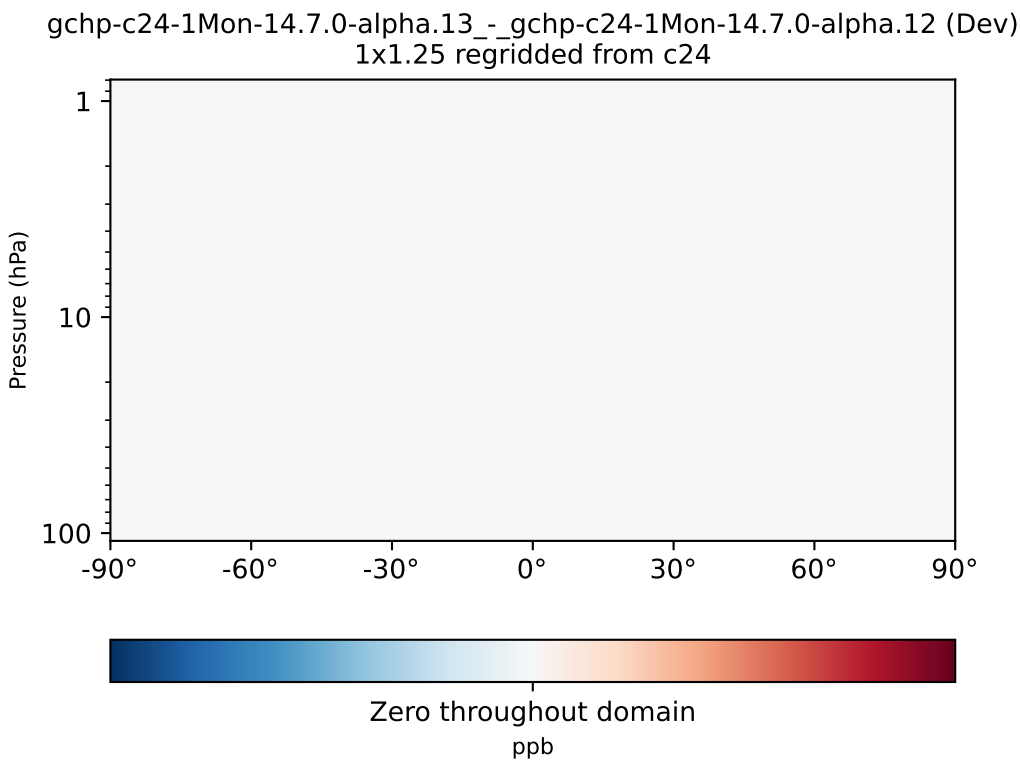
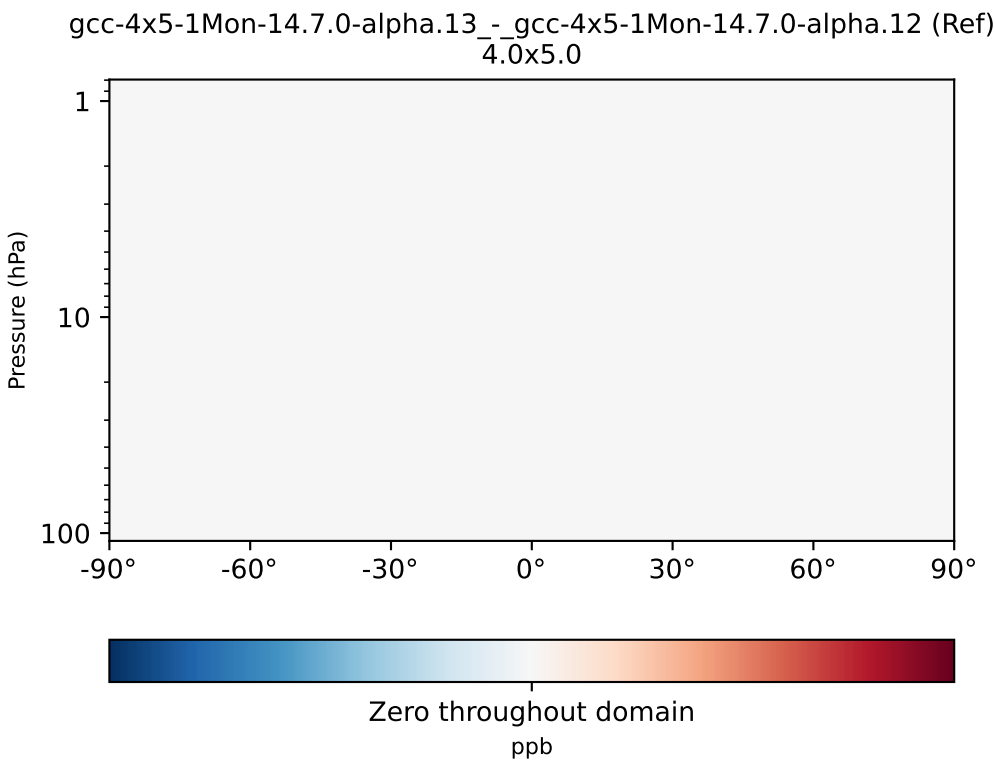
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



SpeciesConcVV_PAN, Zonal Mean

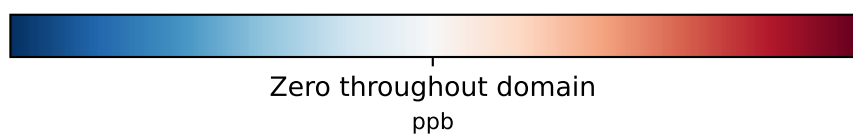
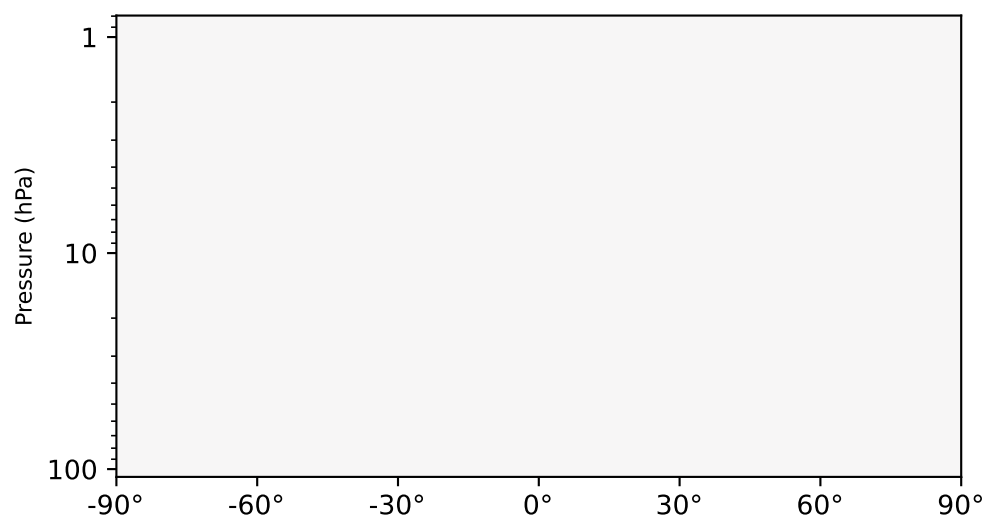


SpeciesConcVV_PPN, Zonal Mean

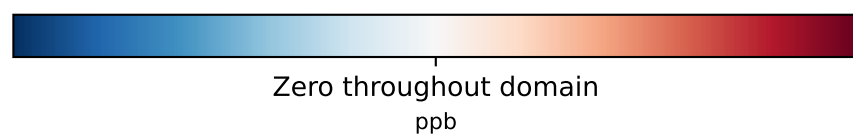
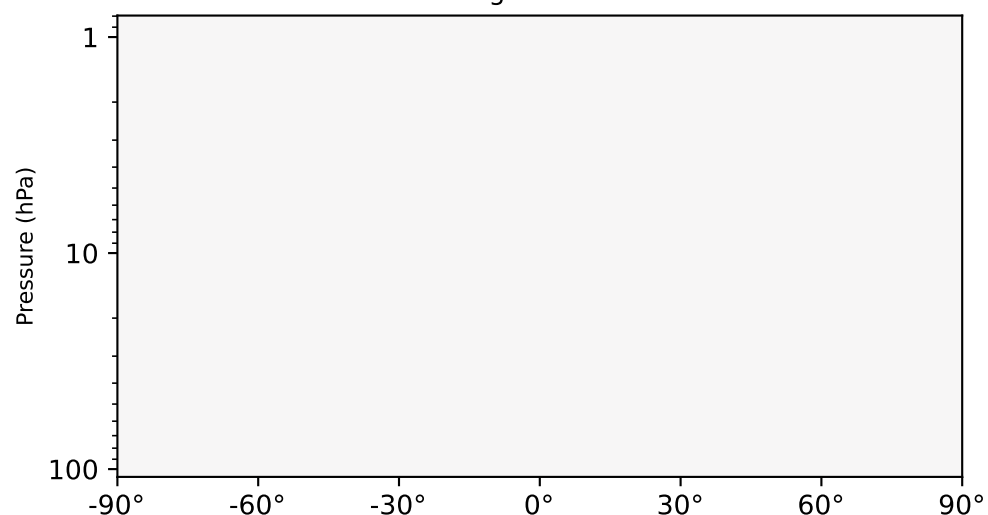


SpeciesConcVV_N2O, Zonal Mean

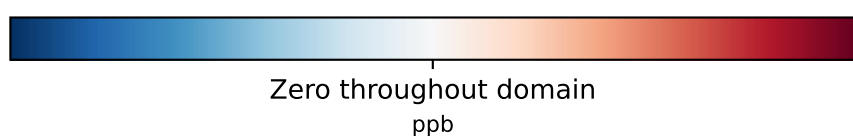
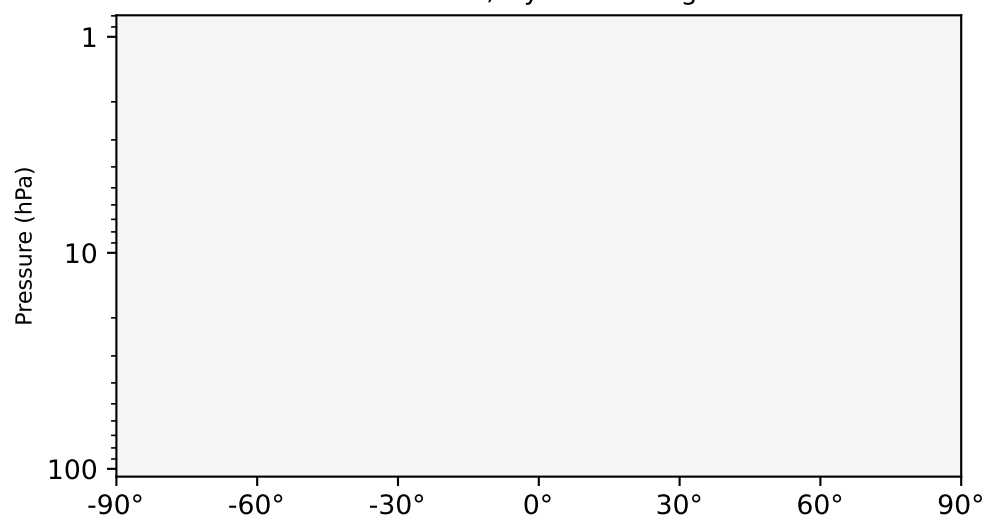
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



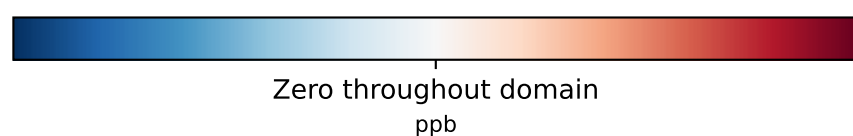
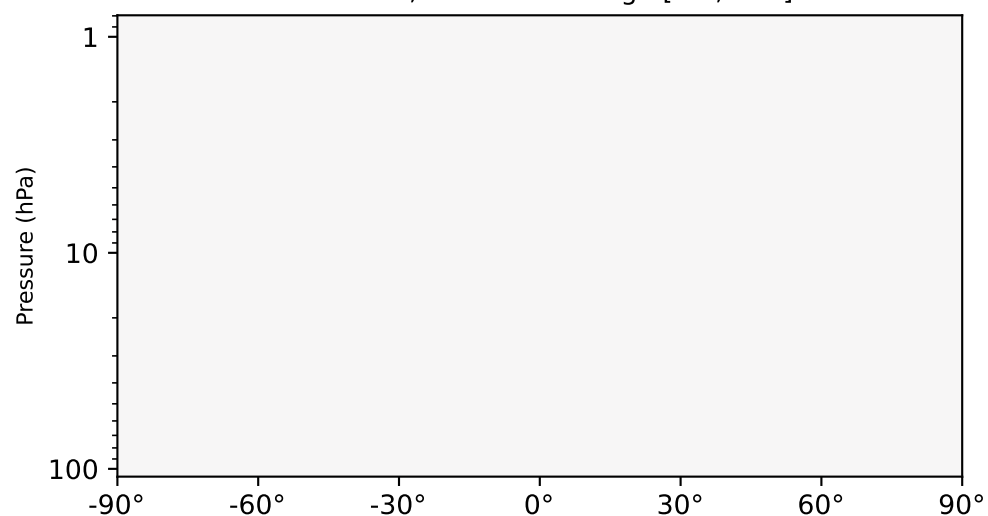
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



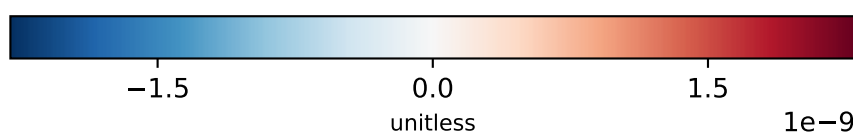
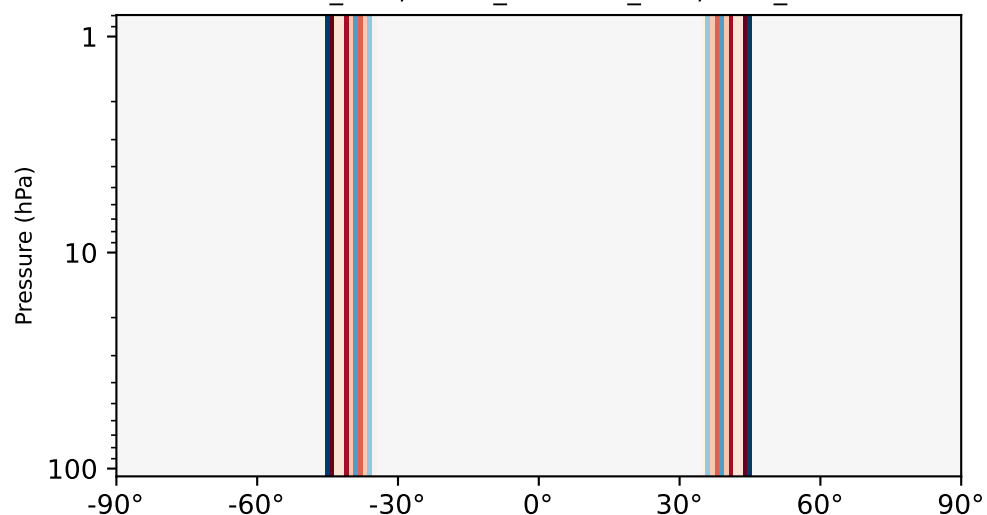
Difference (1x1.25)
Dev - Ref, Dynamic Range



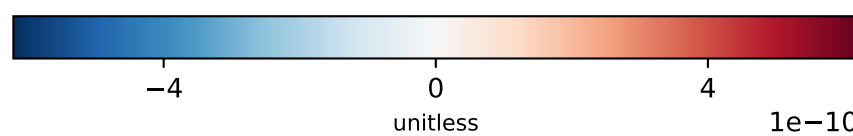
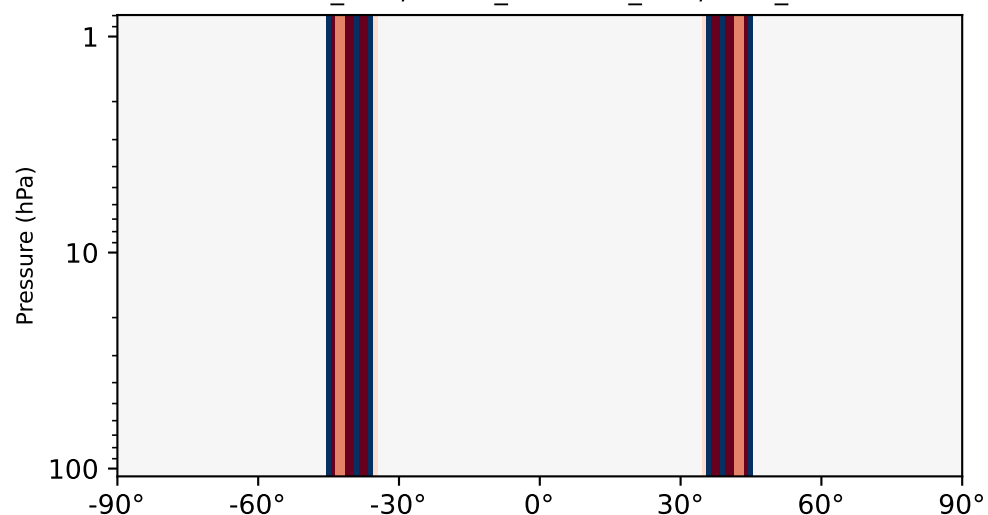
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

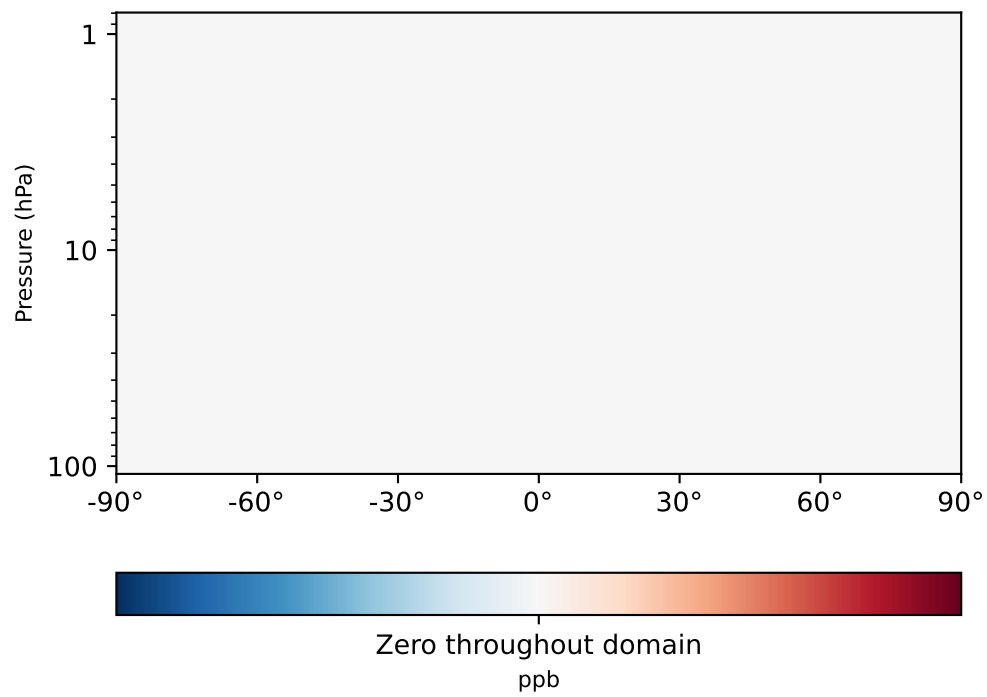


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

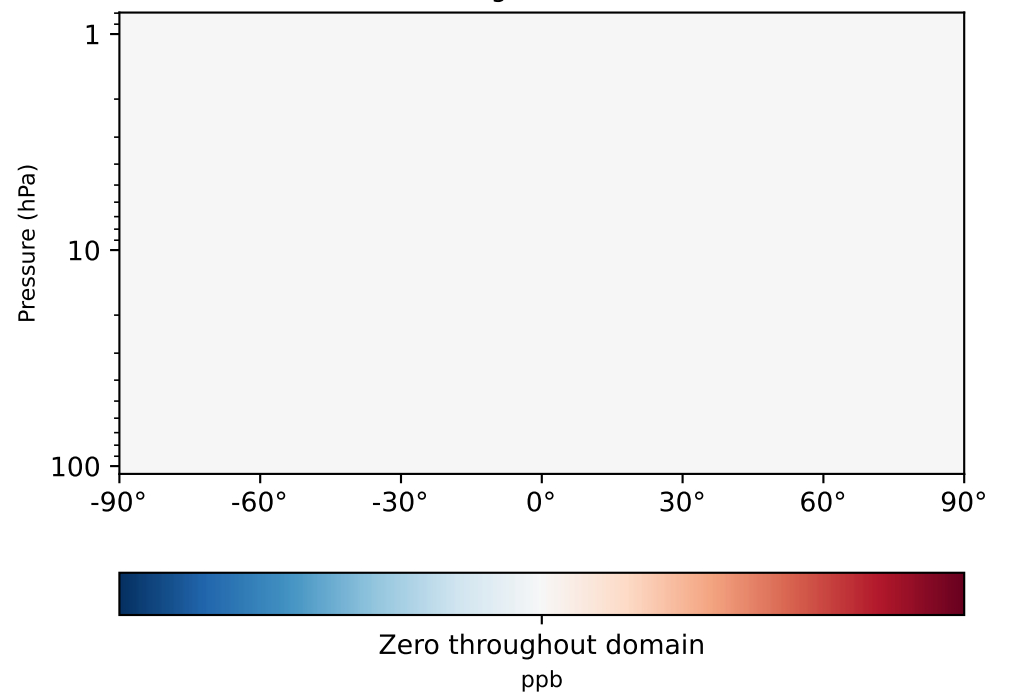


SpeciesConcVV_NHx, Zonal Mean

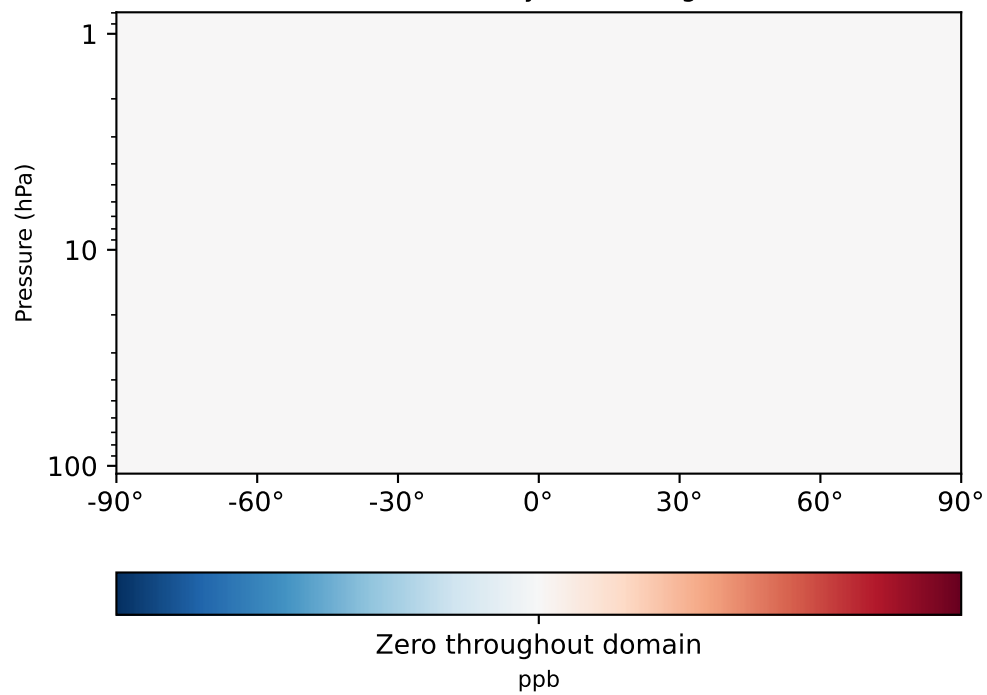
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



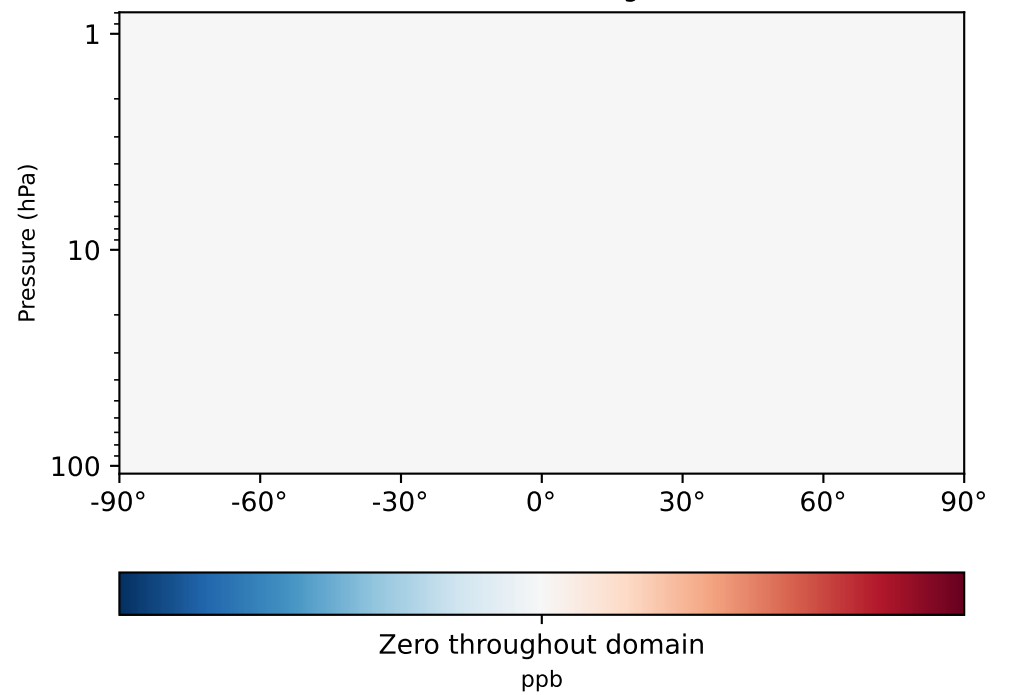
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



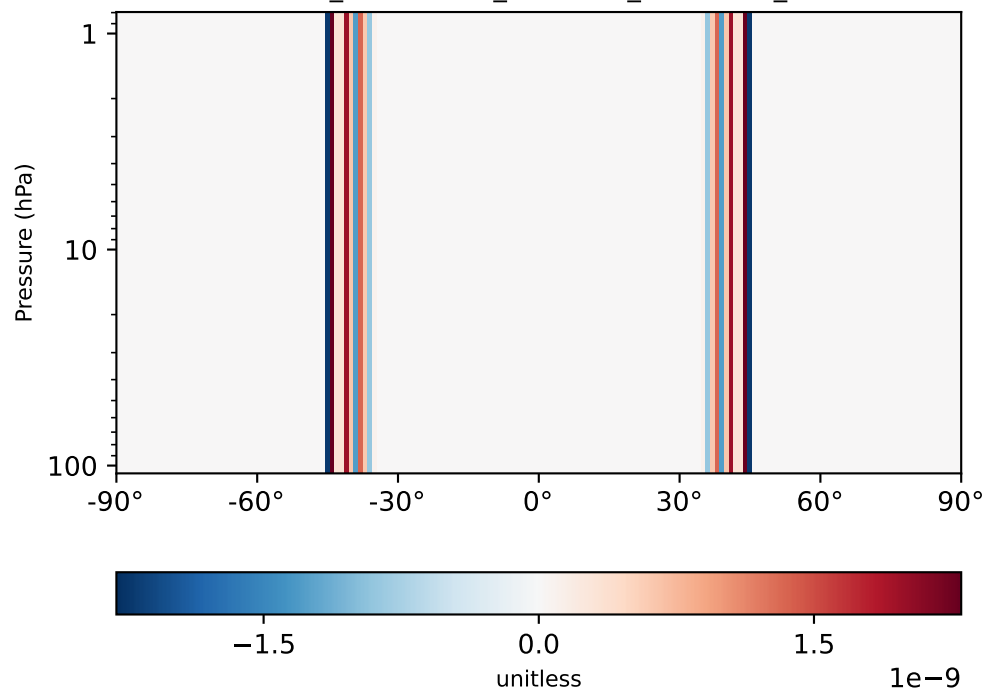
Difference (1x1.25)
Dev - Ref, Dynamic Range



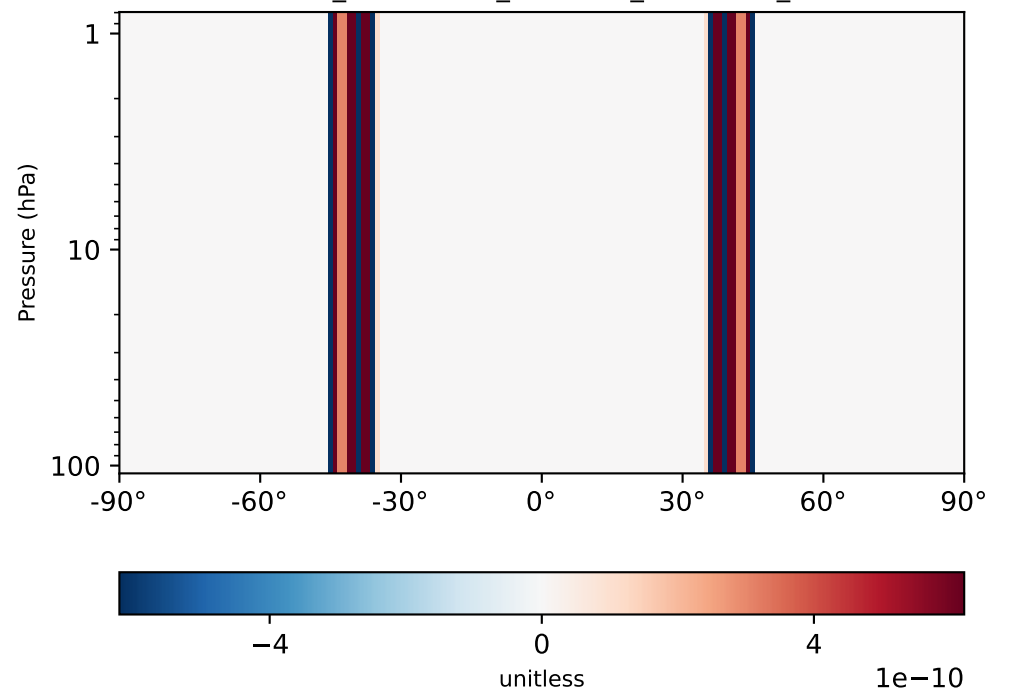
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

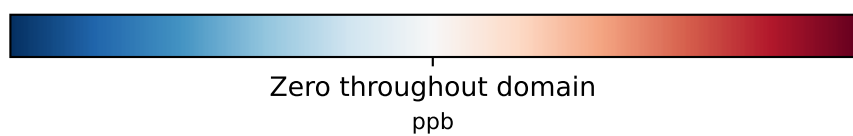
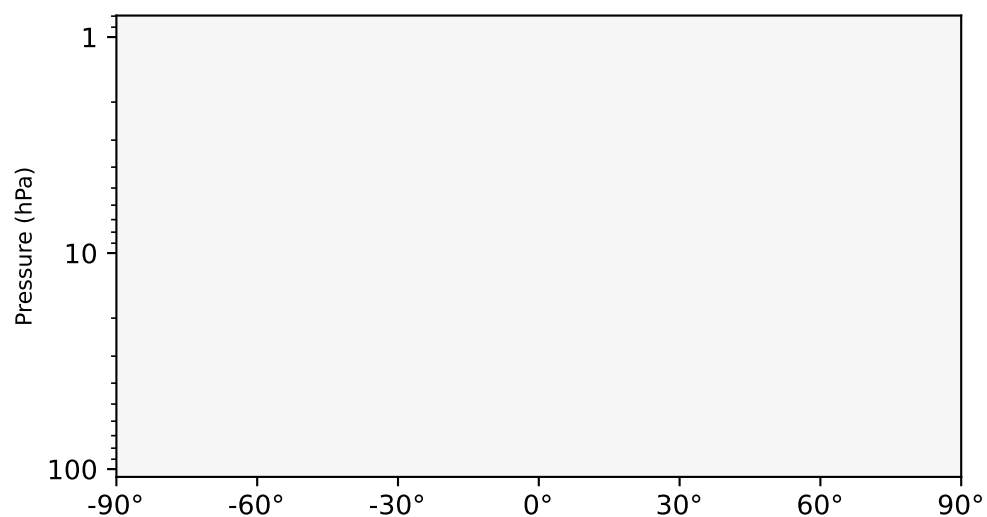


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

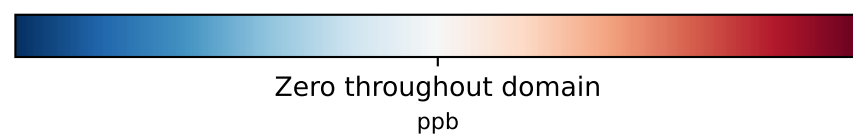
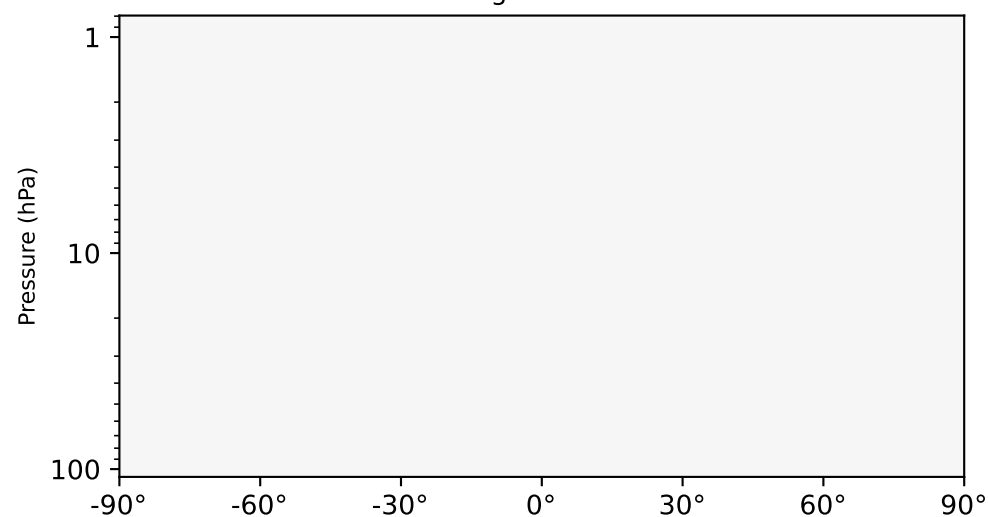


SpeciesConcVV_NH3, Zonal Mean

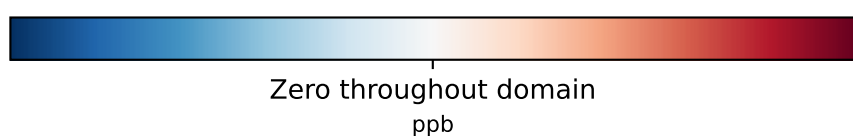
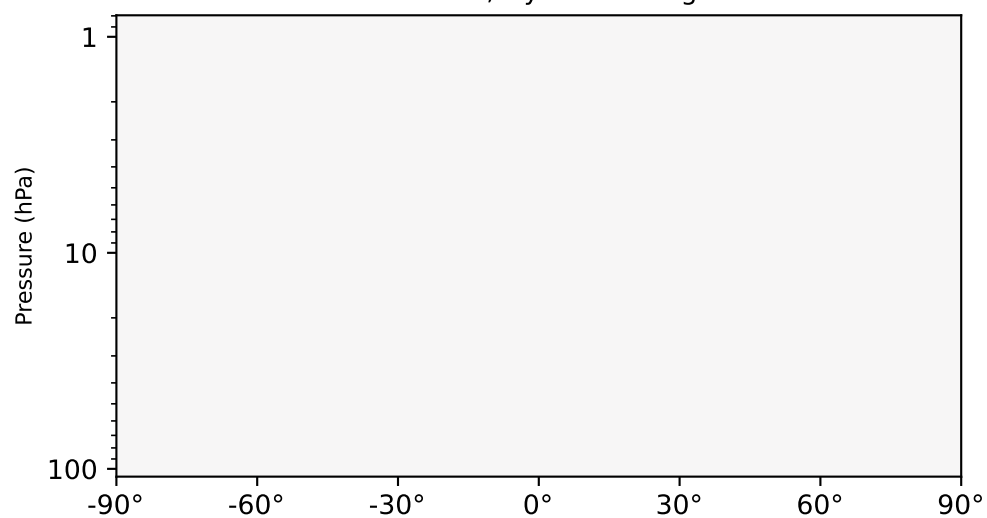
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



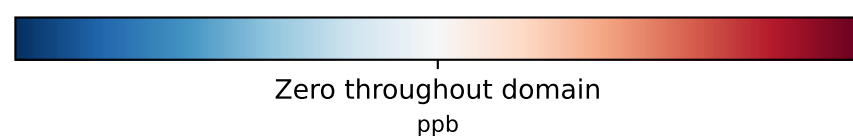
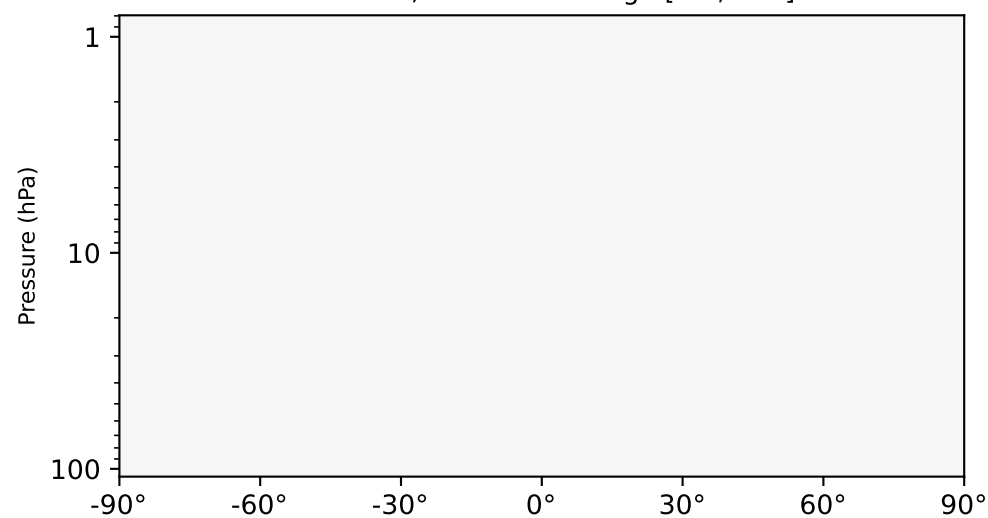
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



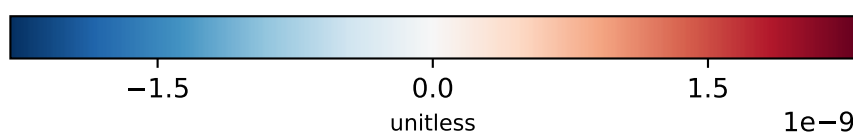
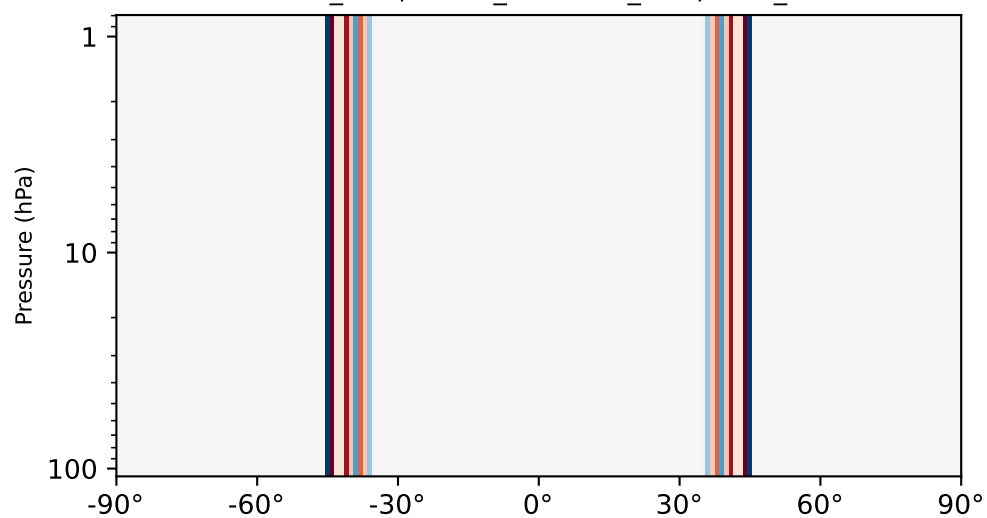
Difference (1x1.25)
Dev - Ref, Dynamic Range



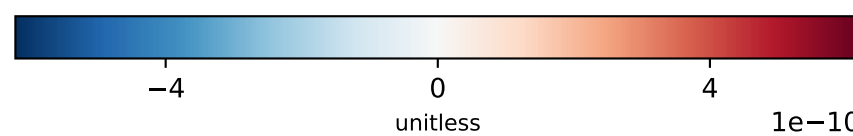
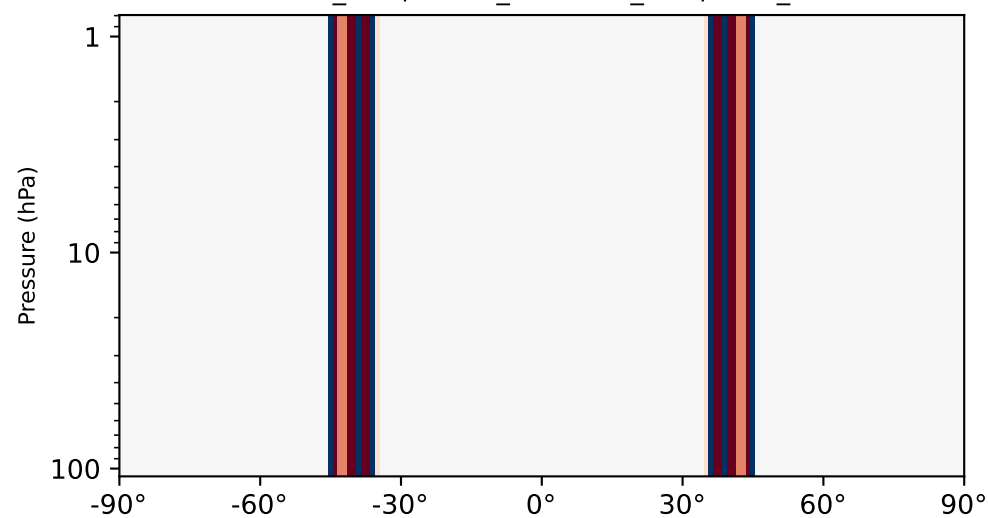
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

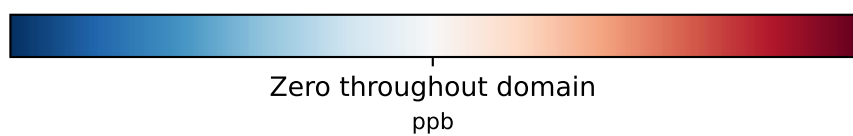
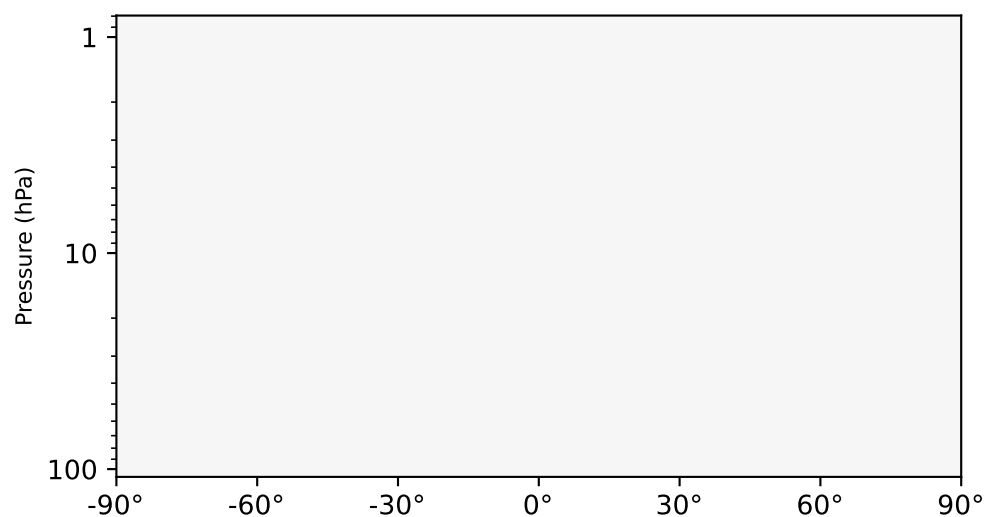


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

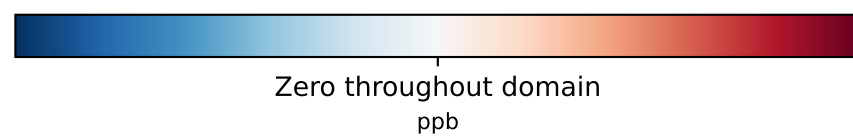
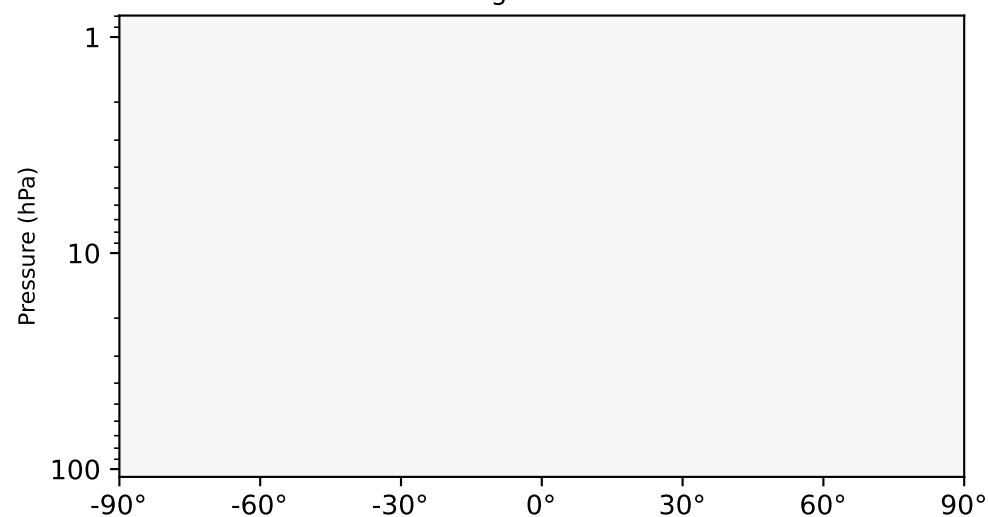


SpeciesConcVV_NH4, Zonal Mean

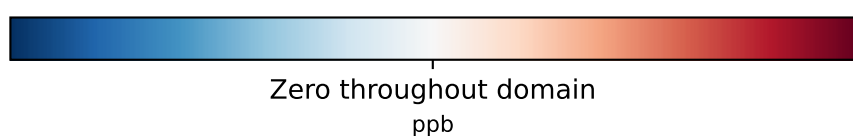
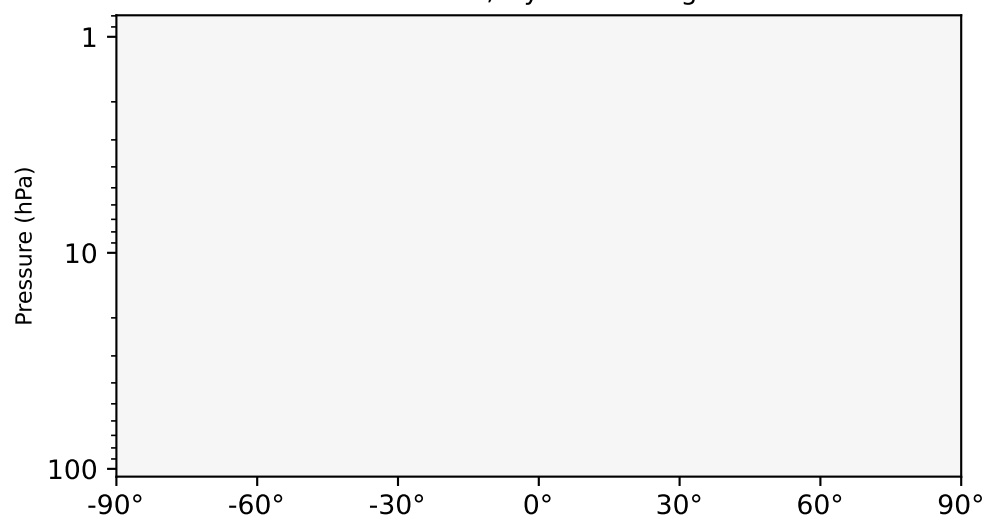
gcc-4x5-1Mon-14.7.0-alpha.13_ - gcc-4x5-1Mon-14.7.0-alpha.12 (Ref)
4.0x5.0



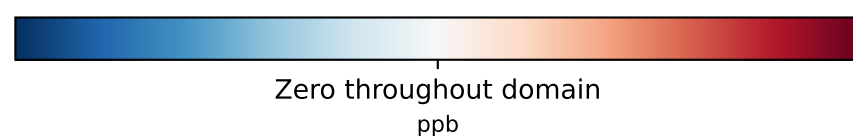
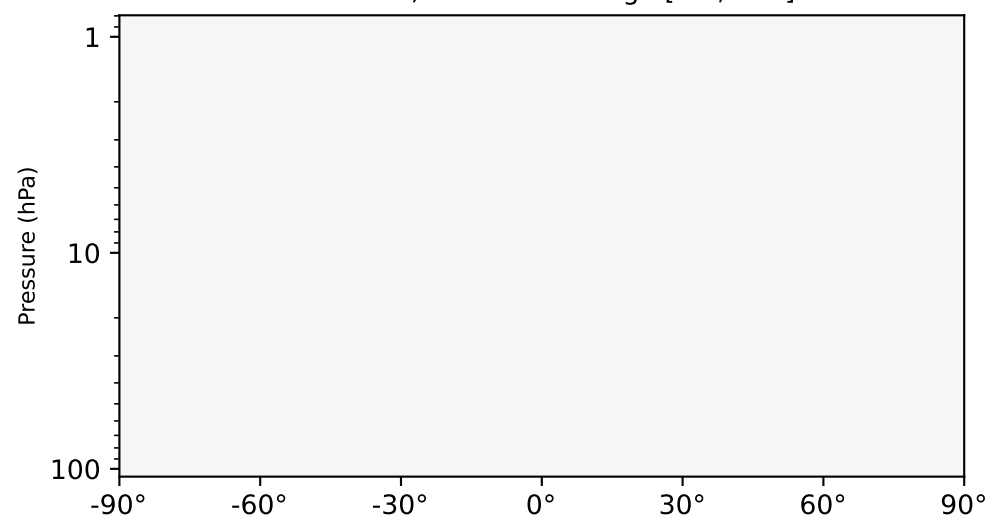
gchp-c24-1Mon-14.7.0-alpha.13_ - gchp-c24-1Mon-14.7.0-alpha.12 (Dev)
1x1.25 regridded from c24



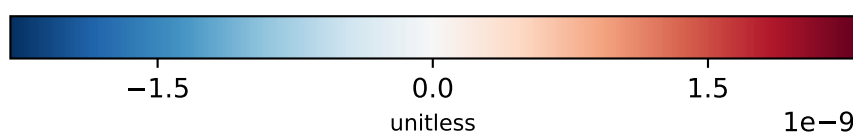
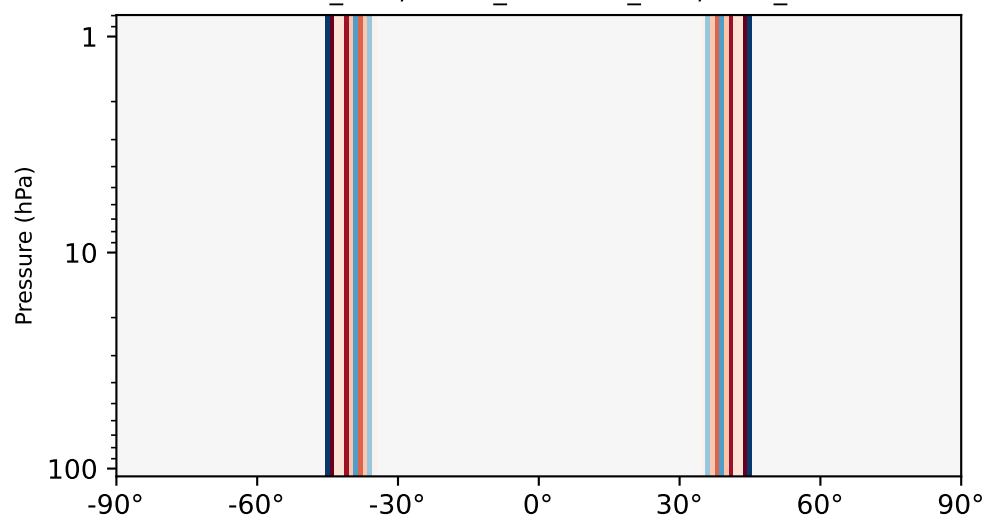
Difference (1x1.25)
Dev - Ref, Dynamic Range



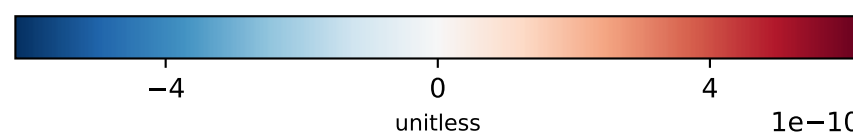
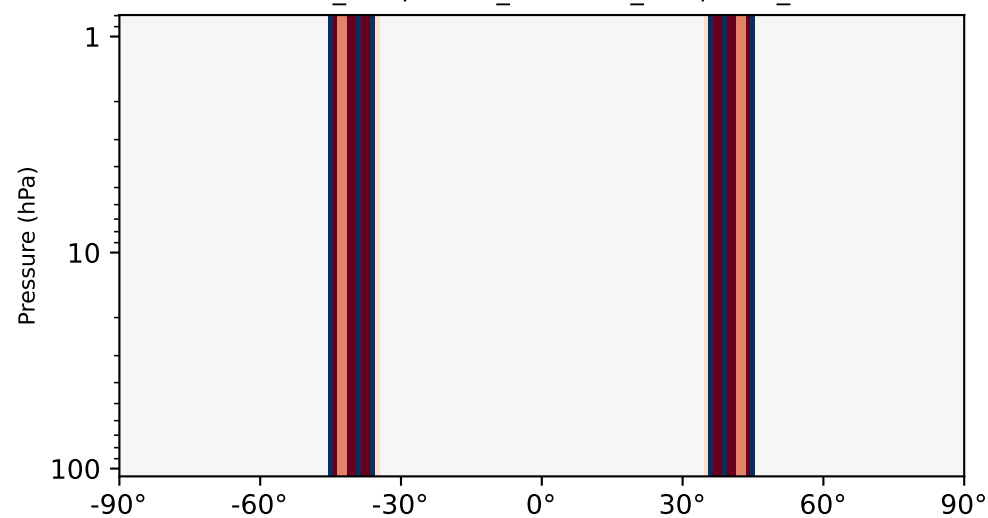
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



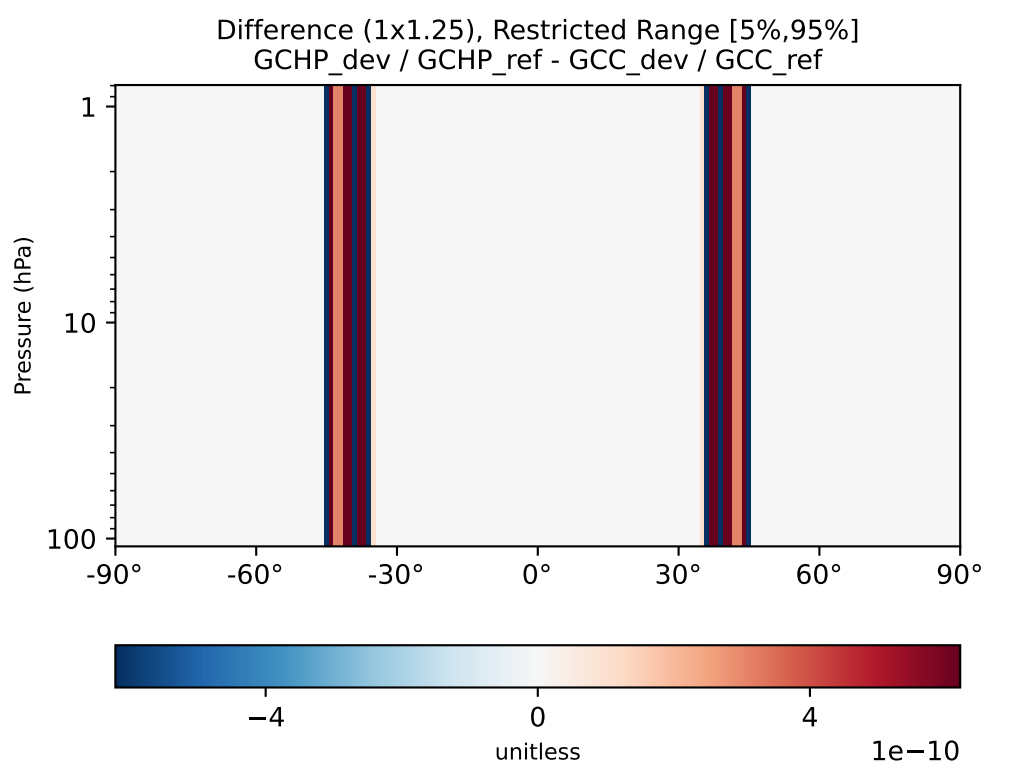
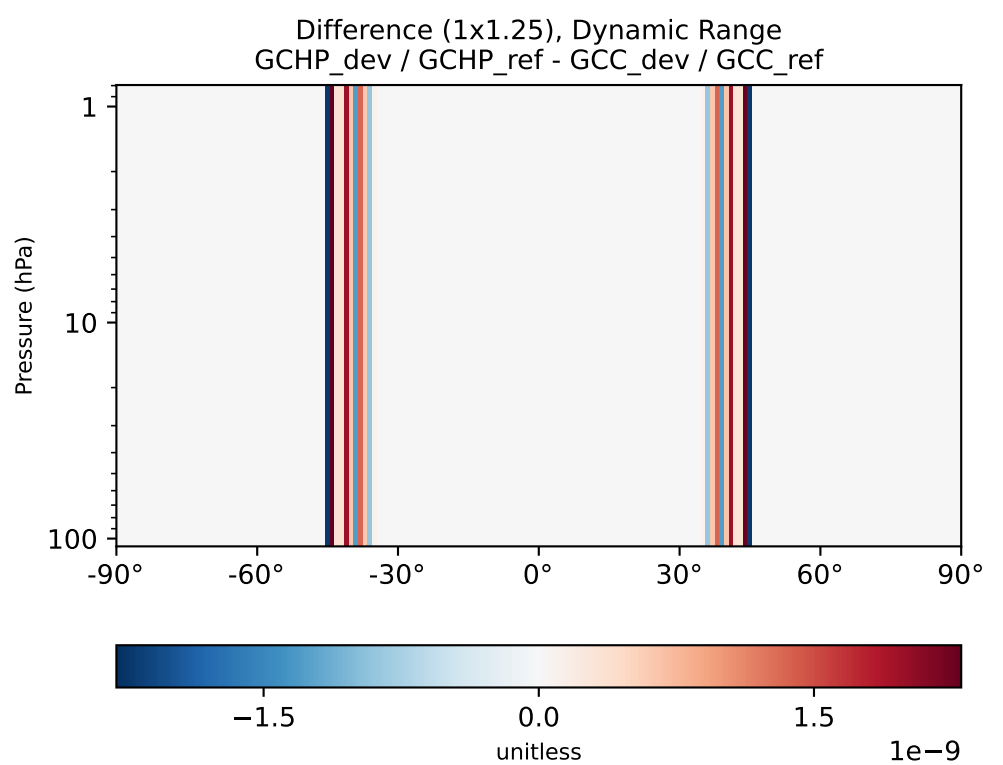
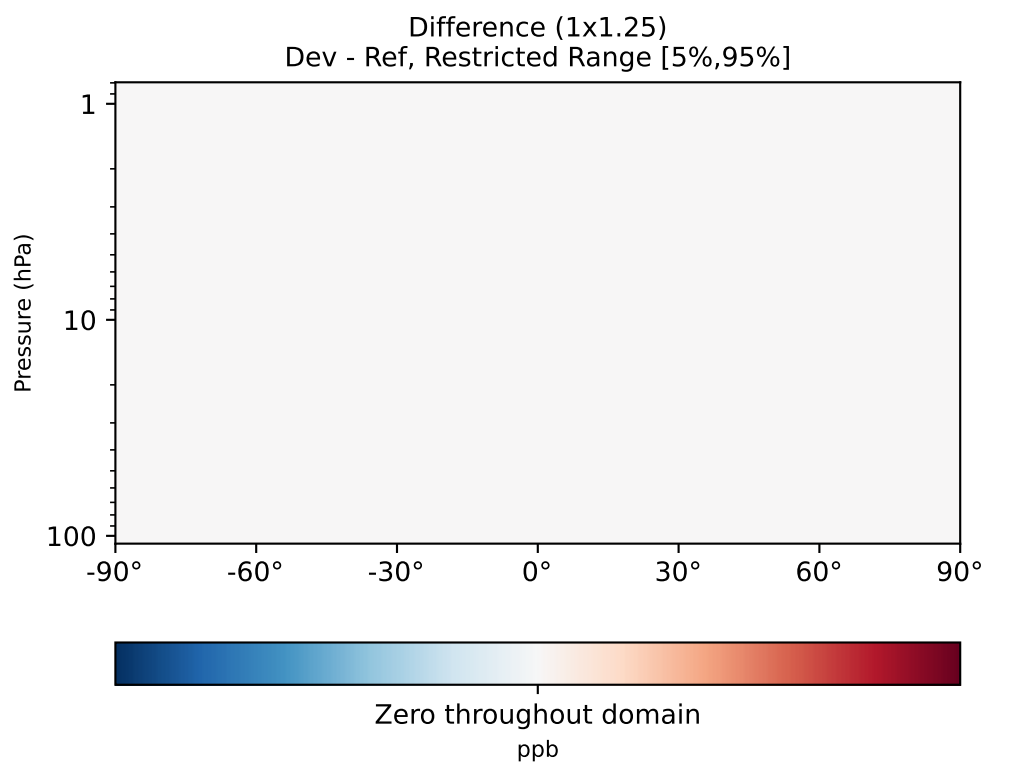
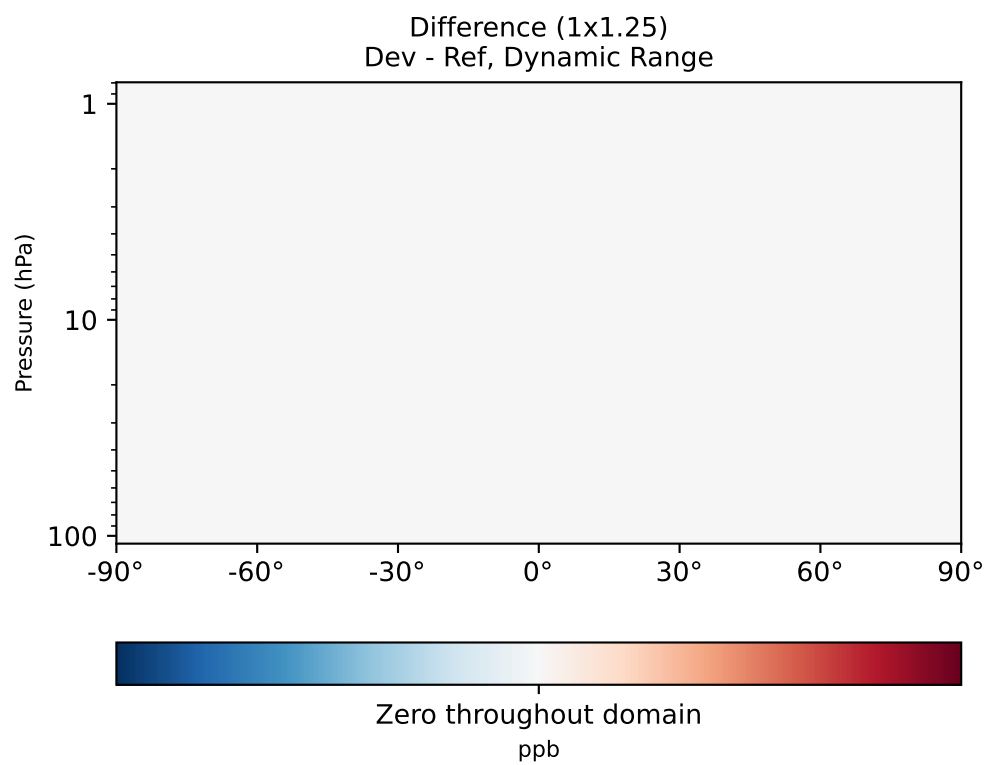
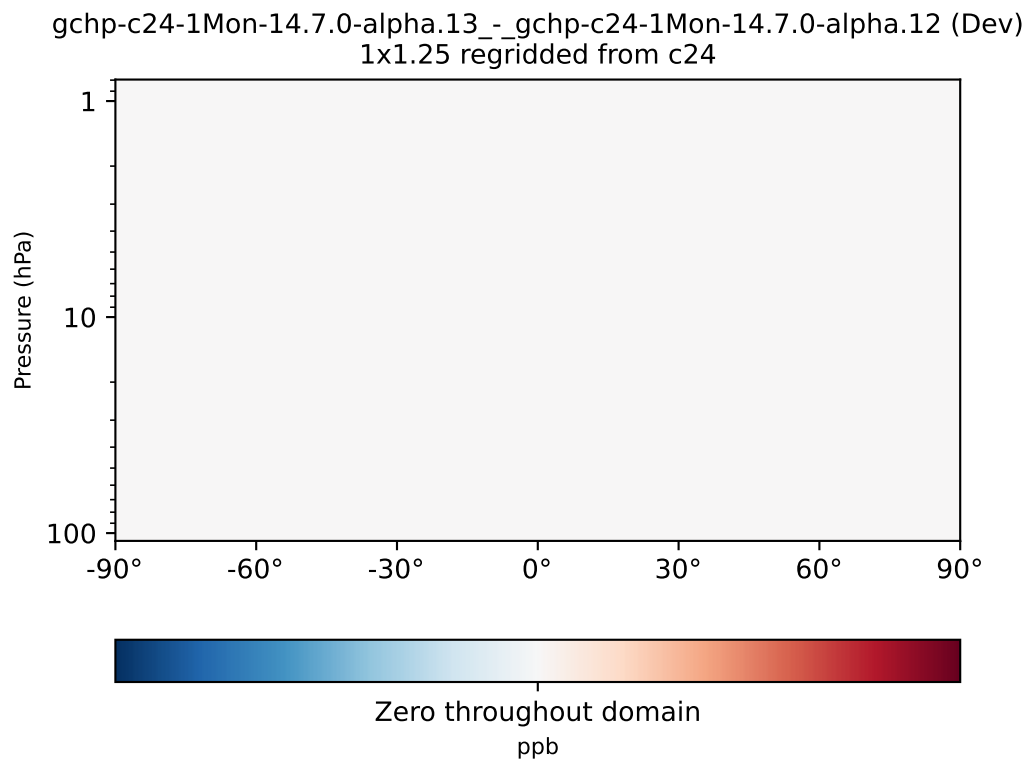
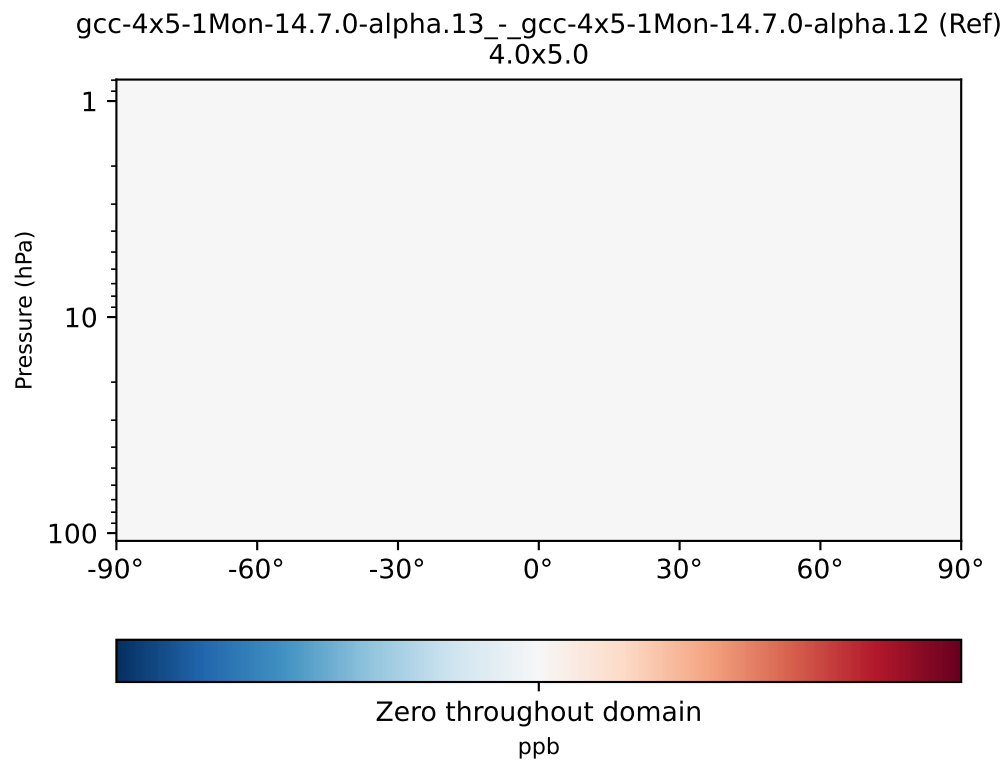
Difference (1x1.25), Dynamic Range
 $\frac{\text{GCHP_dev}}{\text{GCHP_ref}} - \frac{\text{GCC_dev}}{\text{GCC_ref}}$



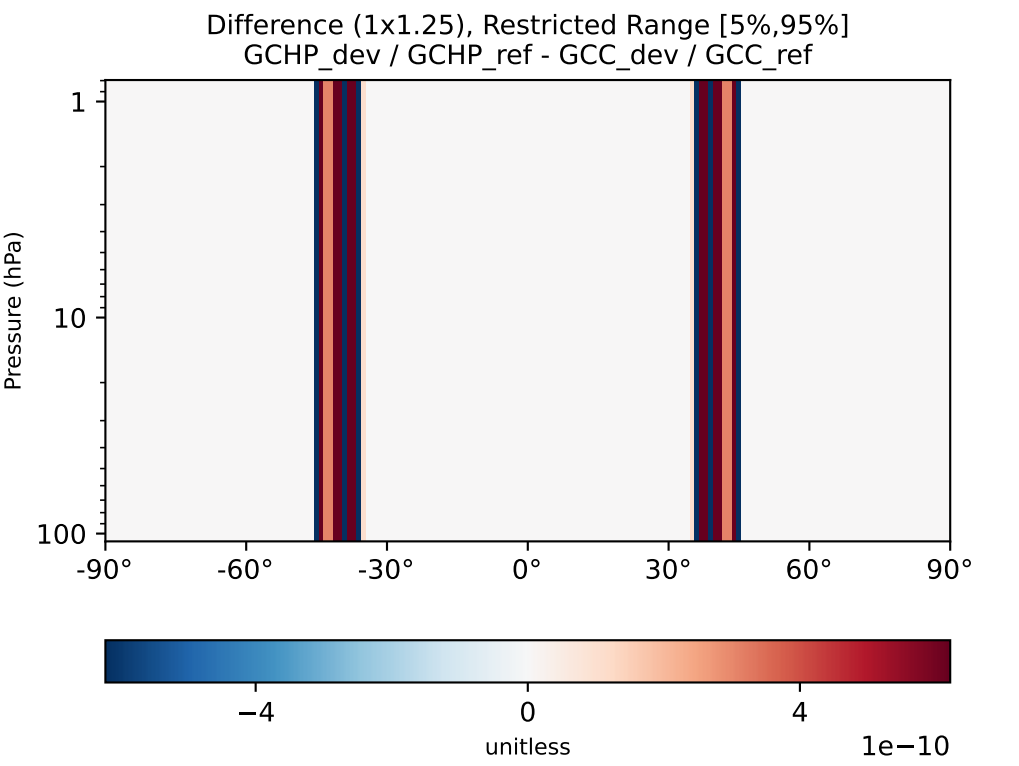
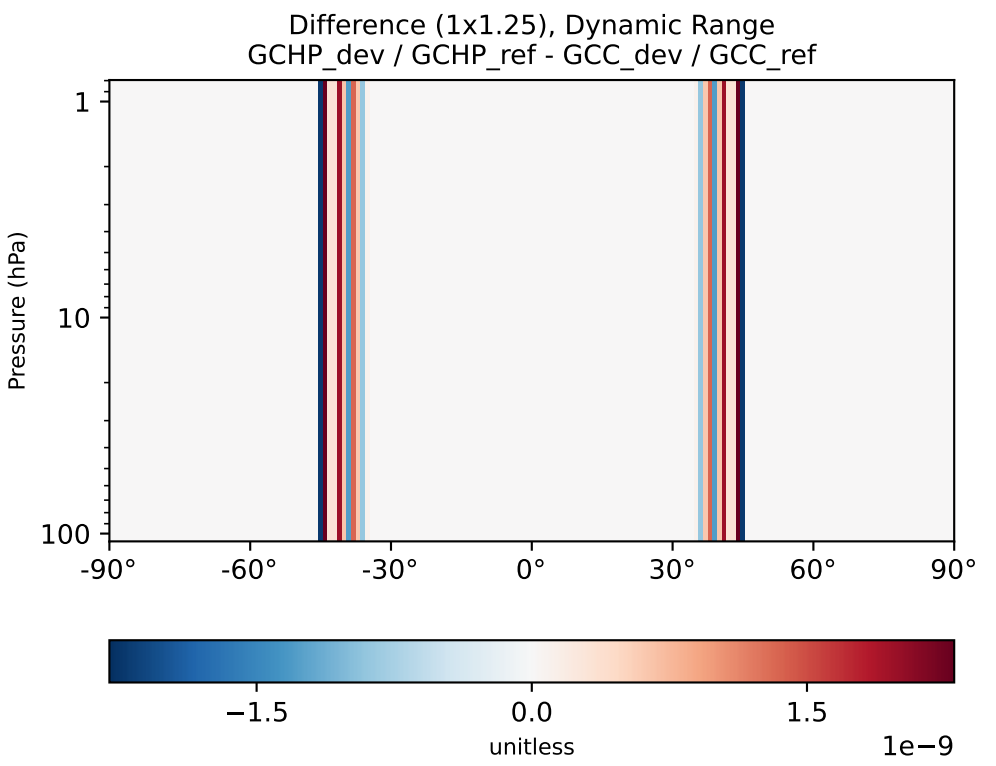
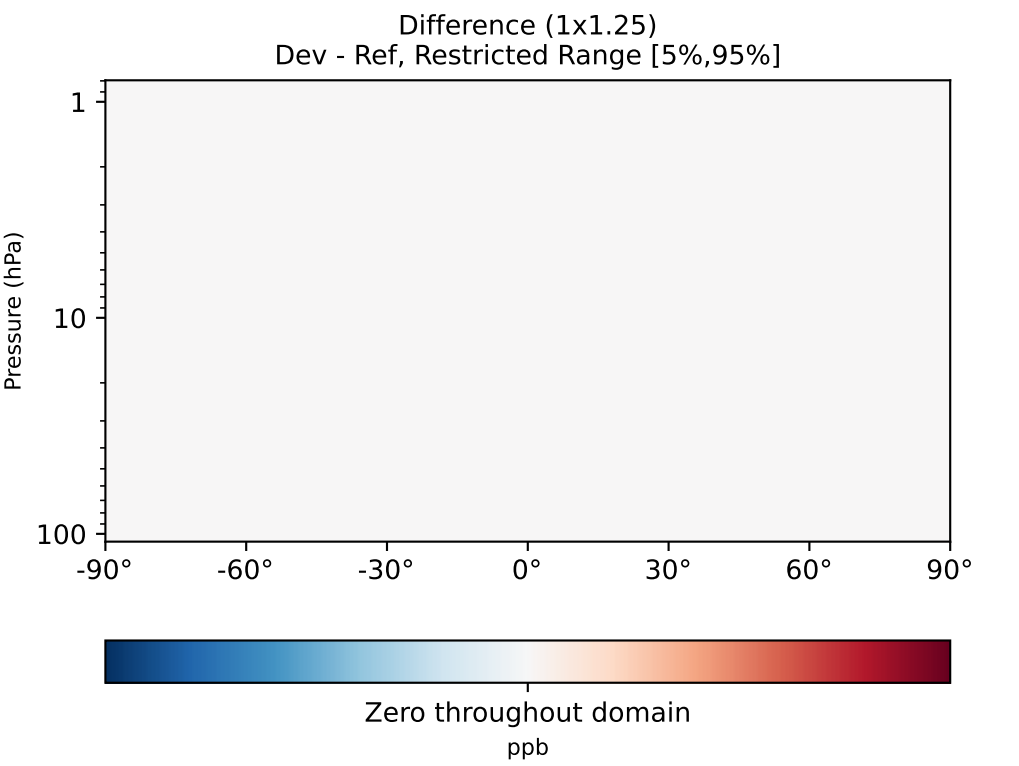
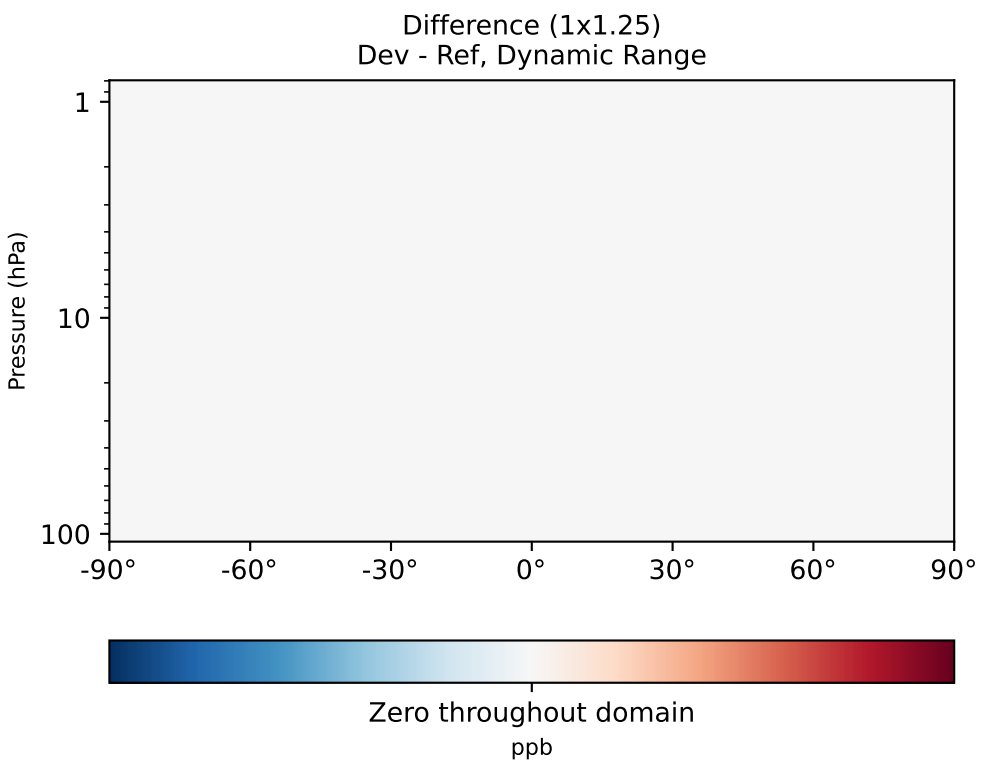
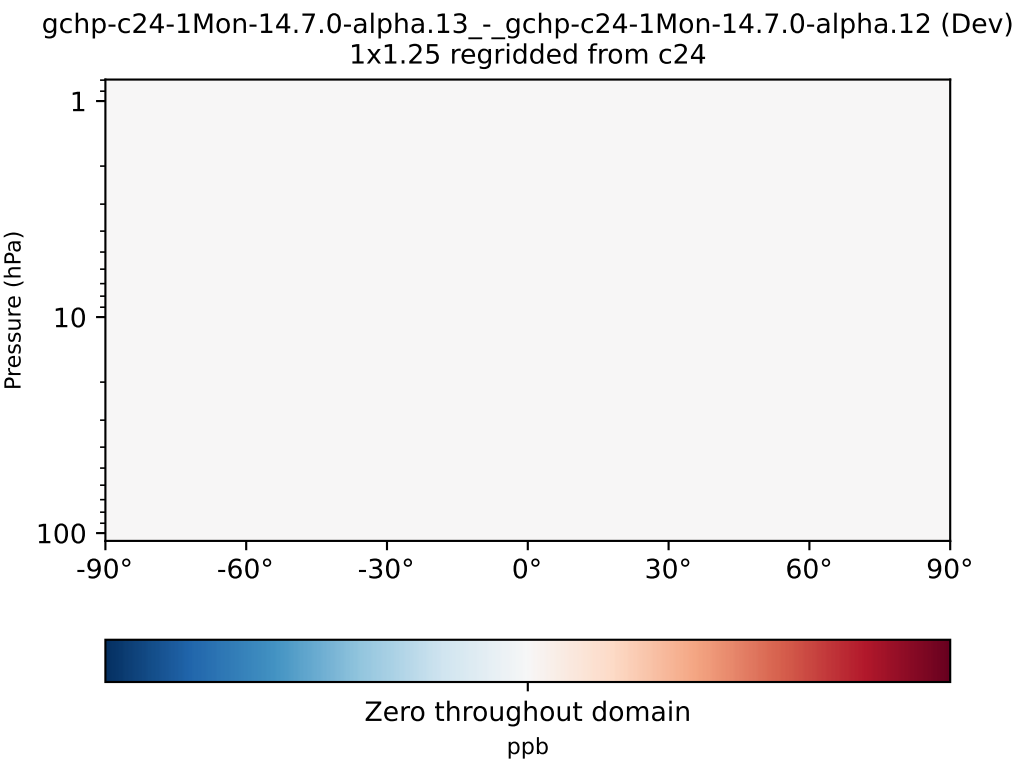
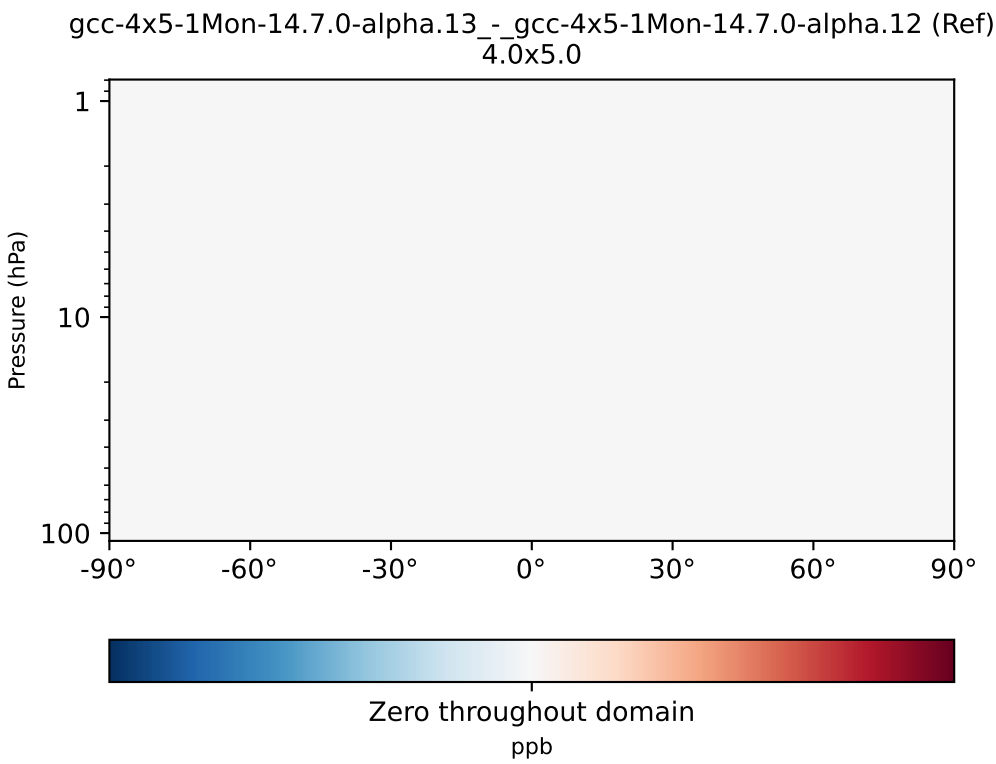
Difference (1x1.25), Restricted Range [5%,95%]
 $\frac{\text{GCHP_dev}}{\text{GCHP_ref}} - \frac{\text{GCC_dev}}{\text{GCC_ref}}$



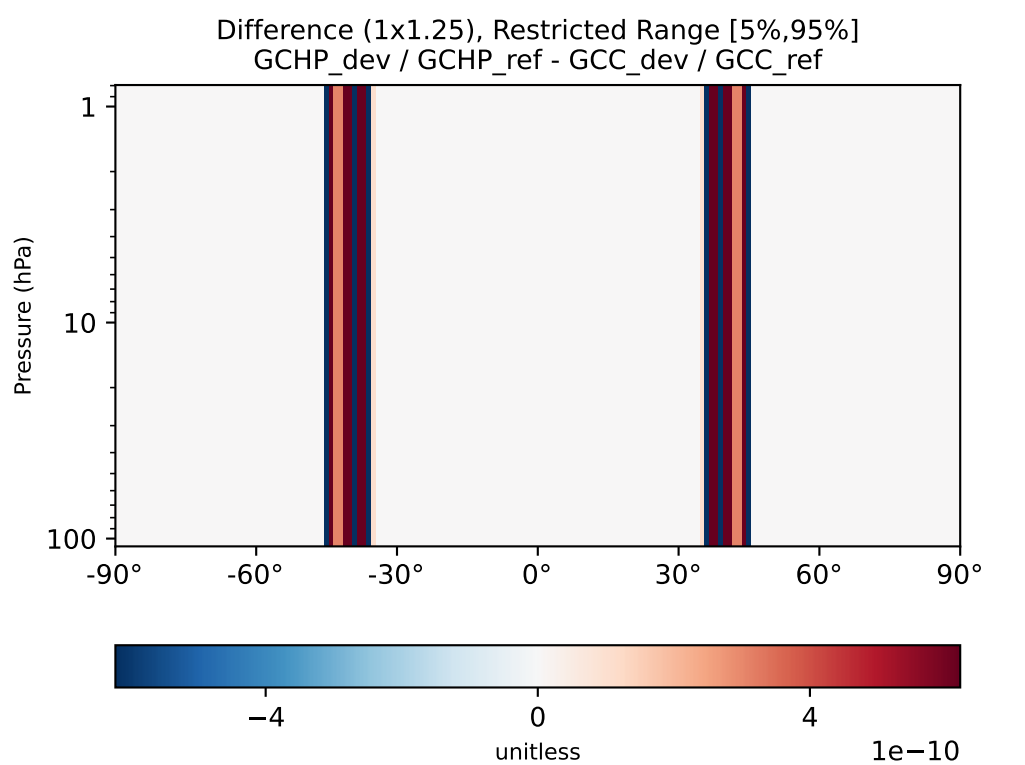
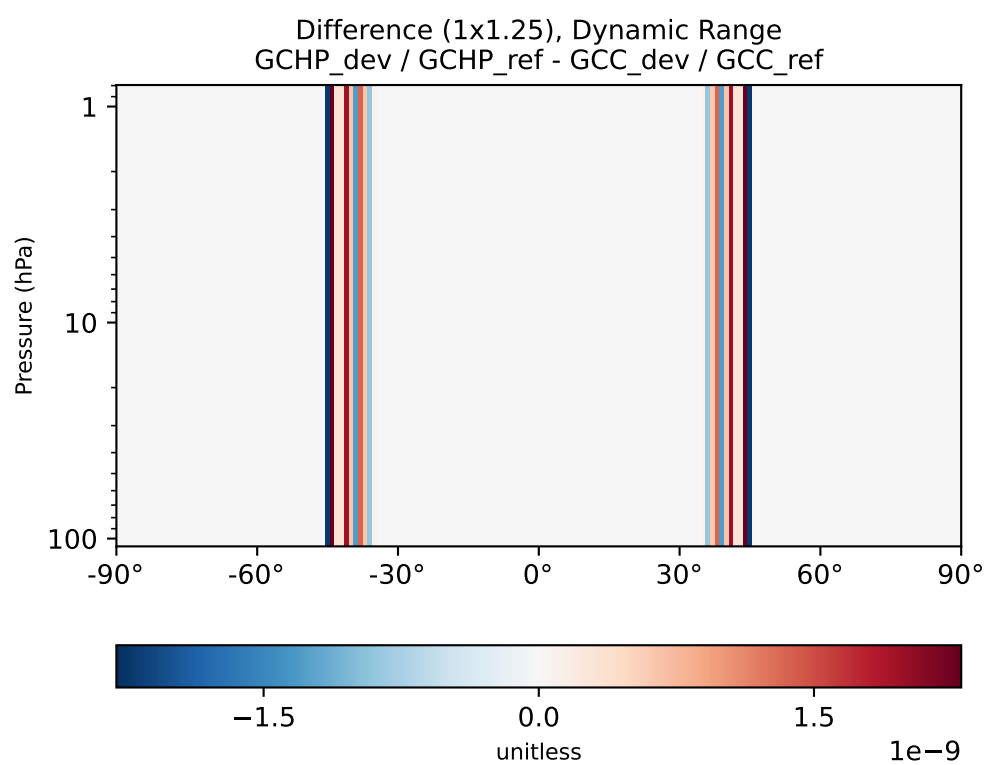
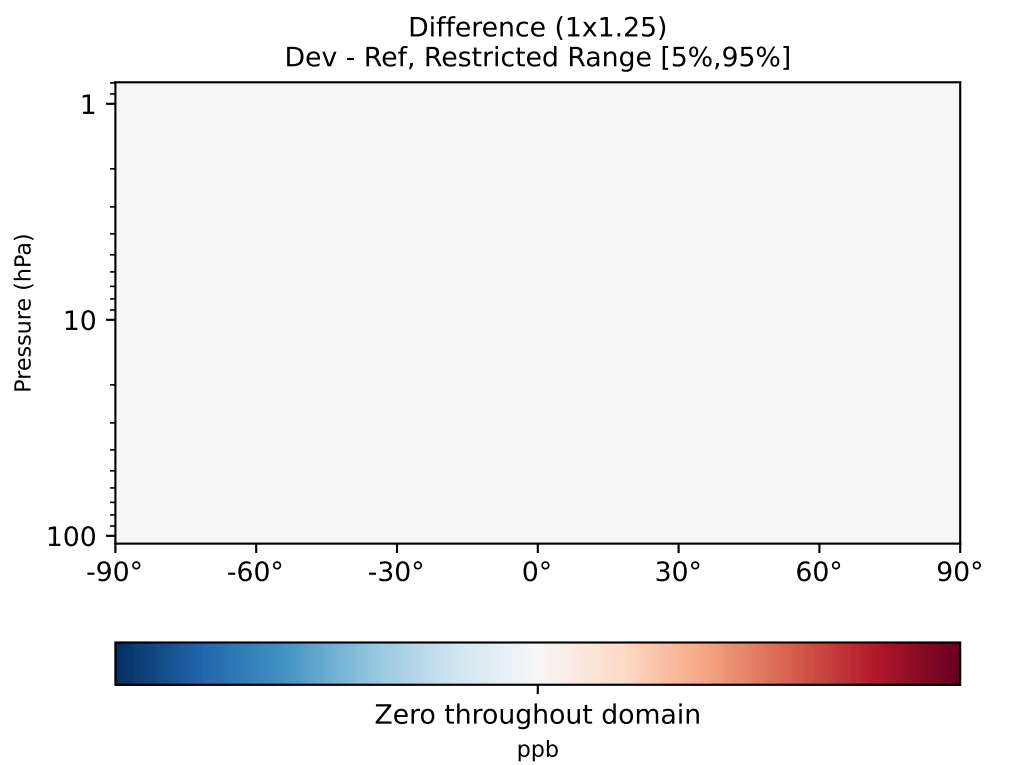
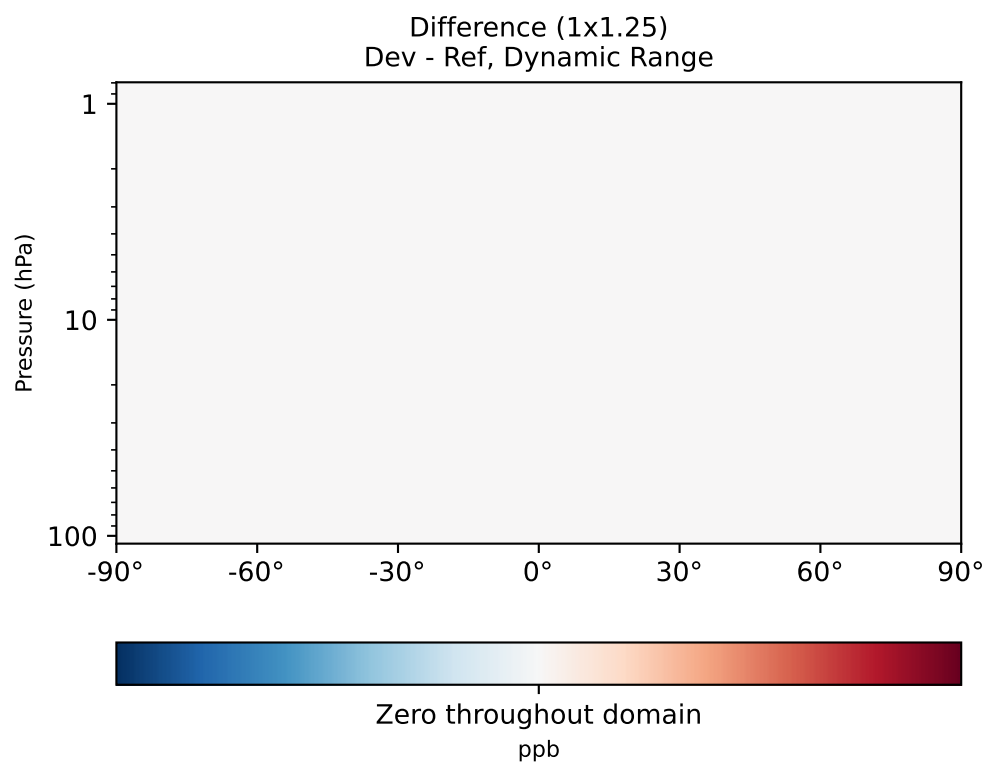
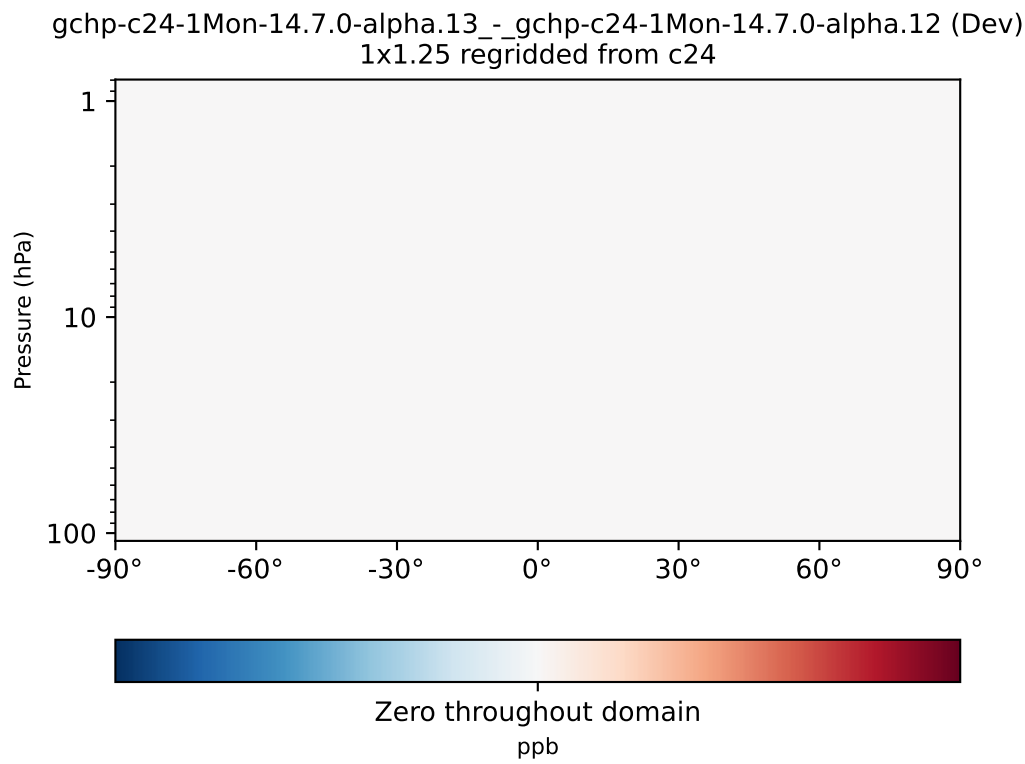
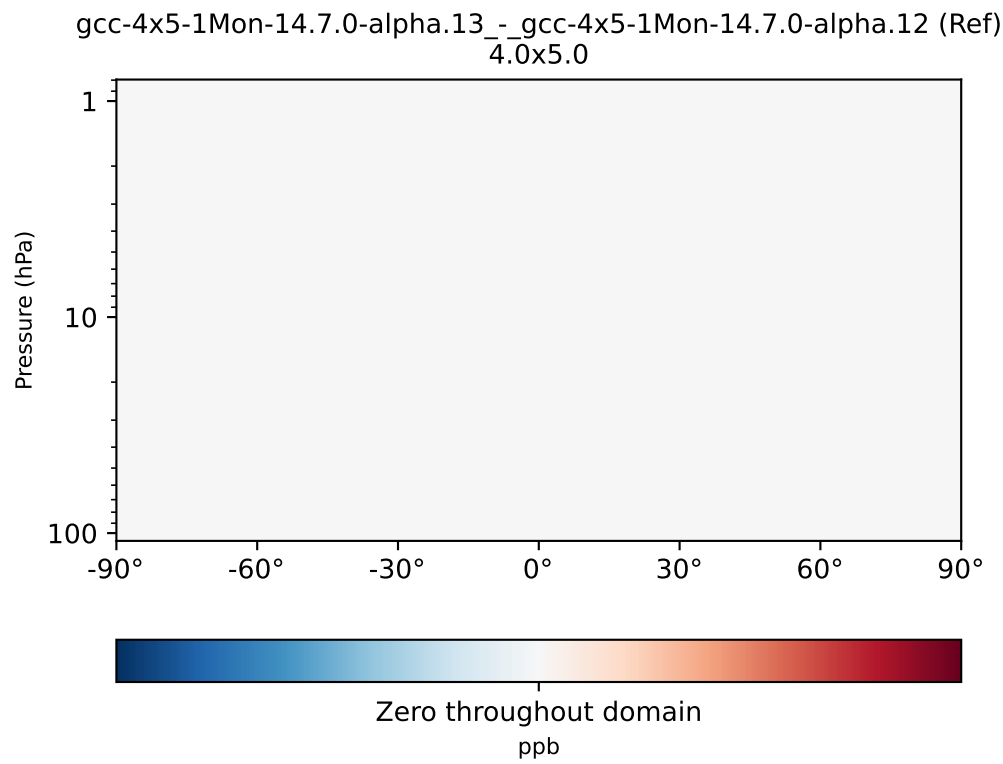
SpeciesConcVV_MEN03, Zonal Mean



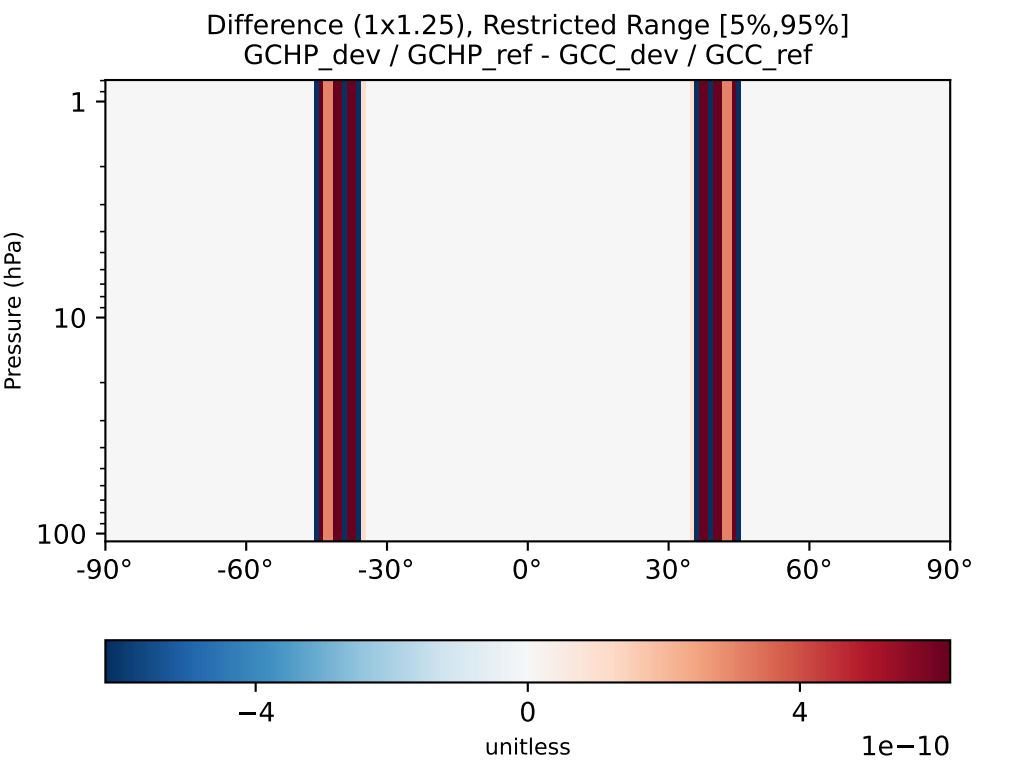
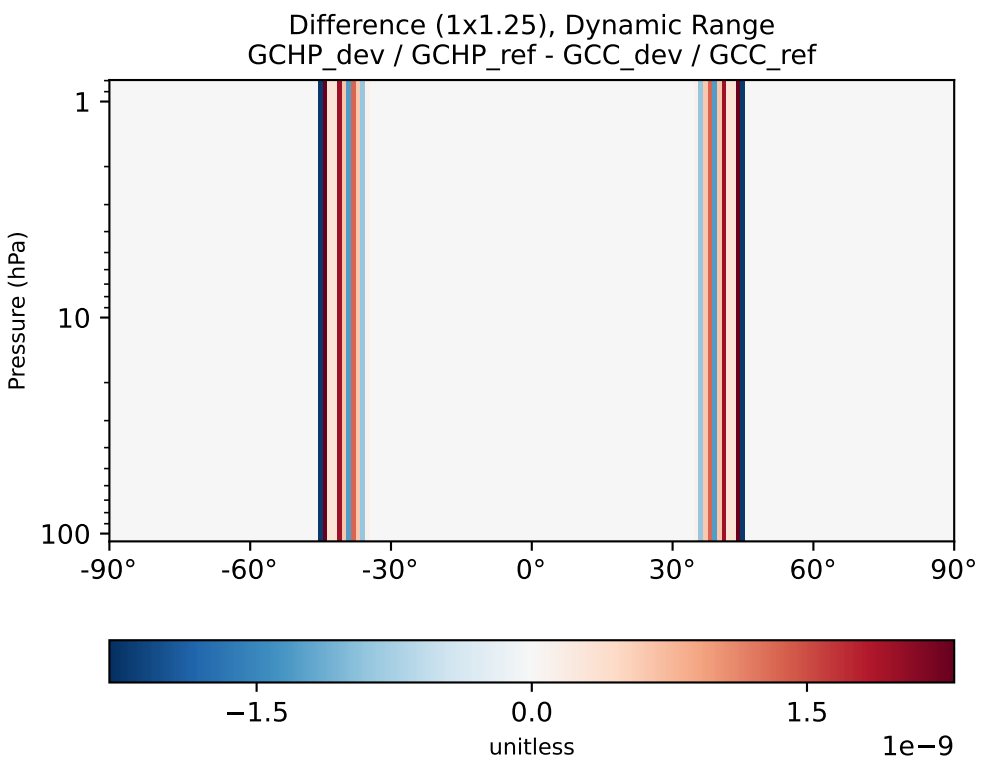
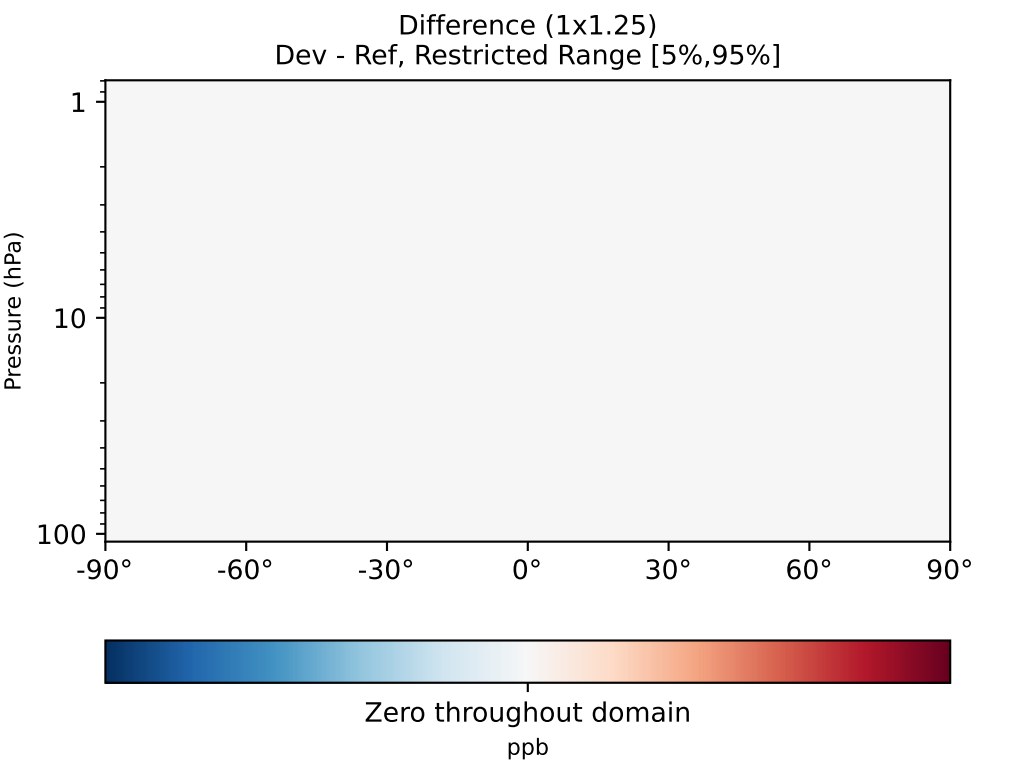
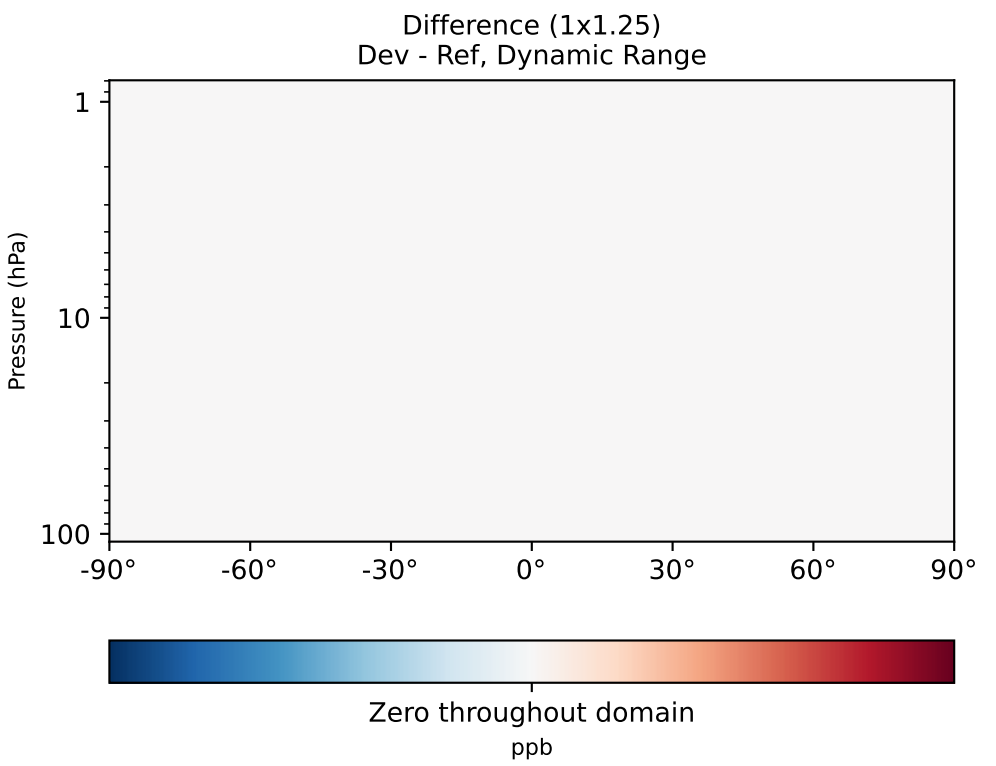
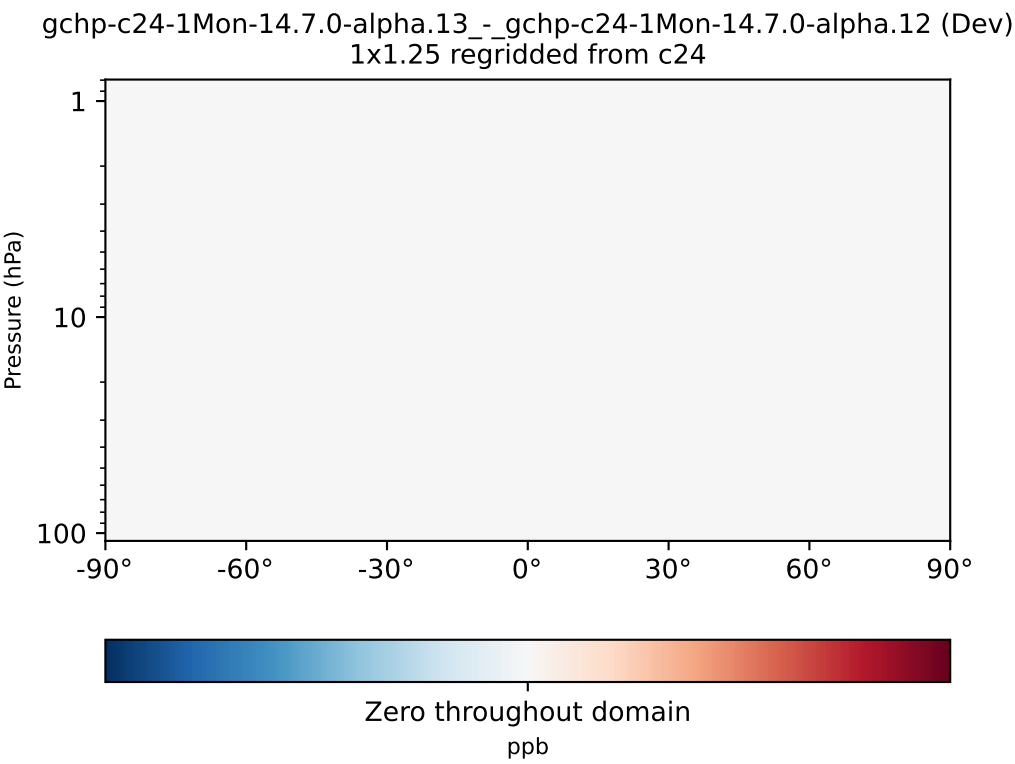
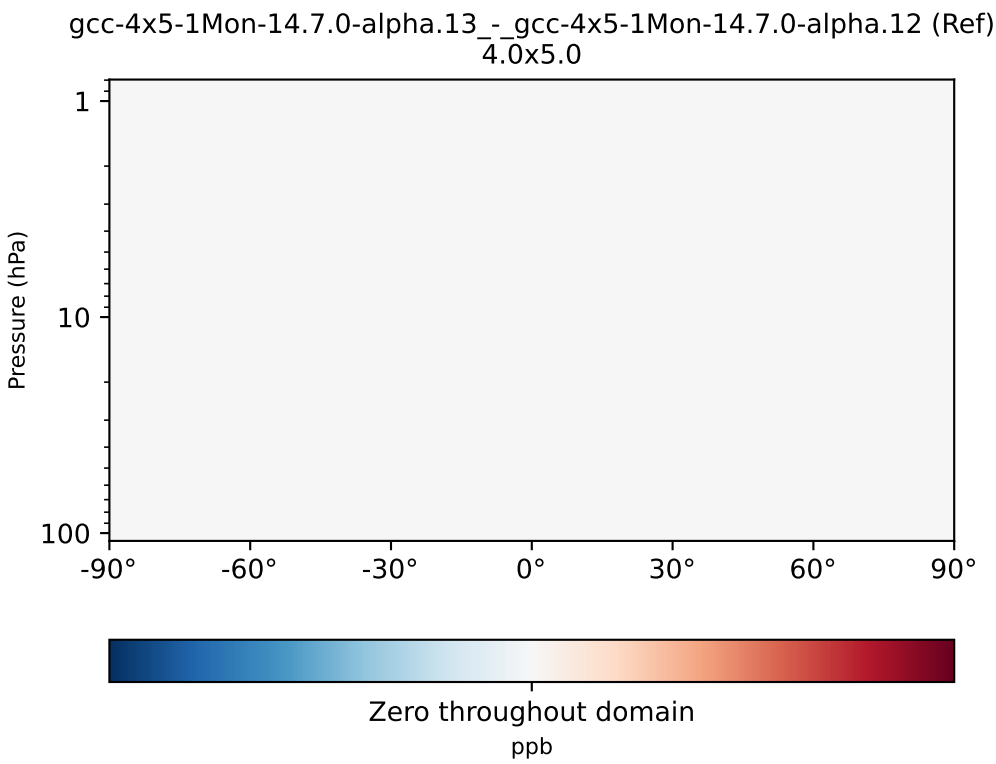
SpeciesConcVV_ETNO3, Zonal Mean



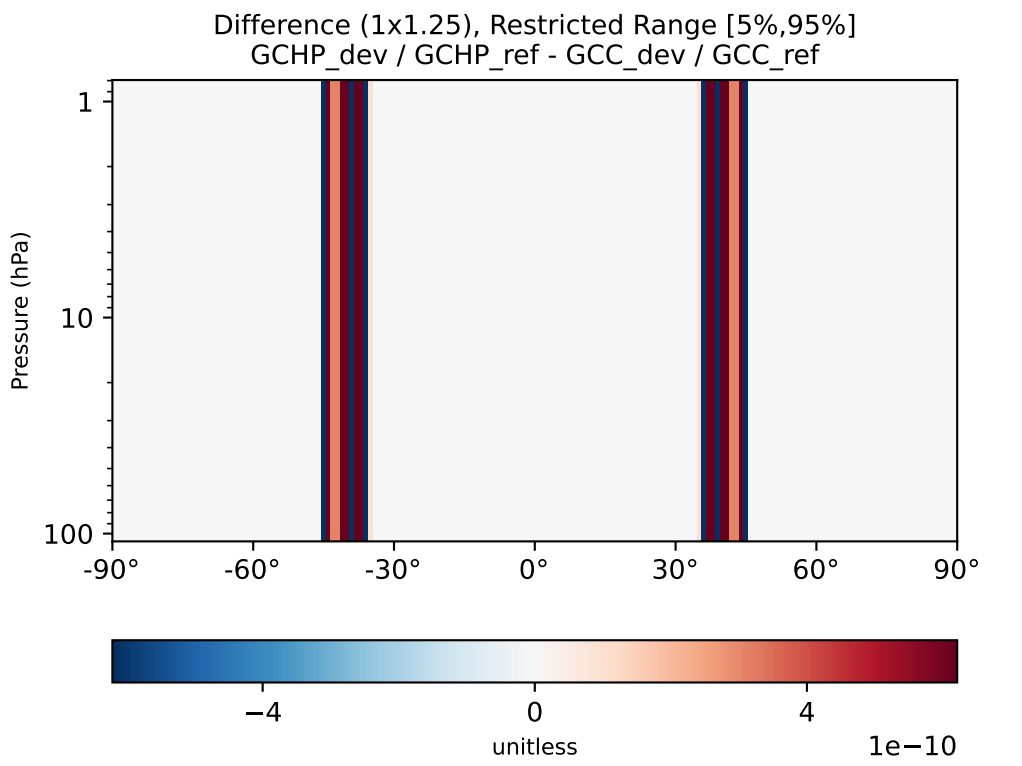
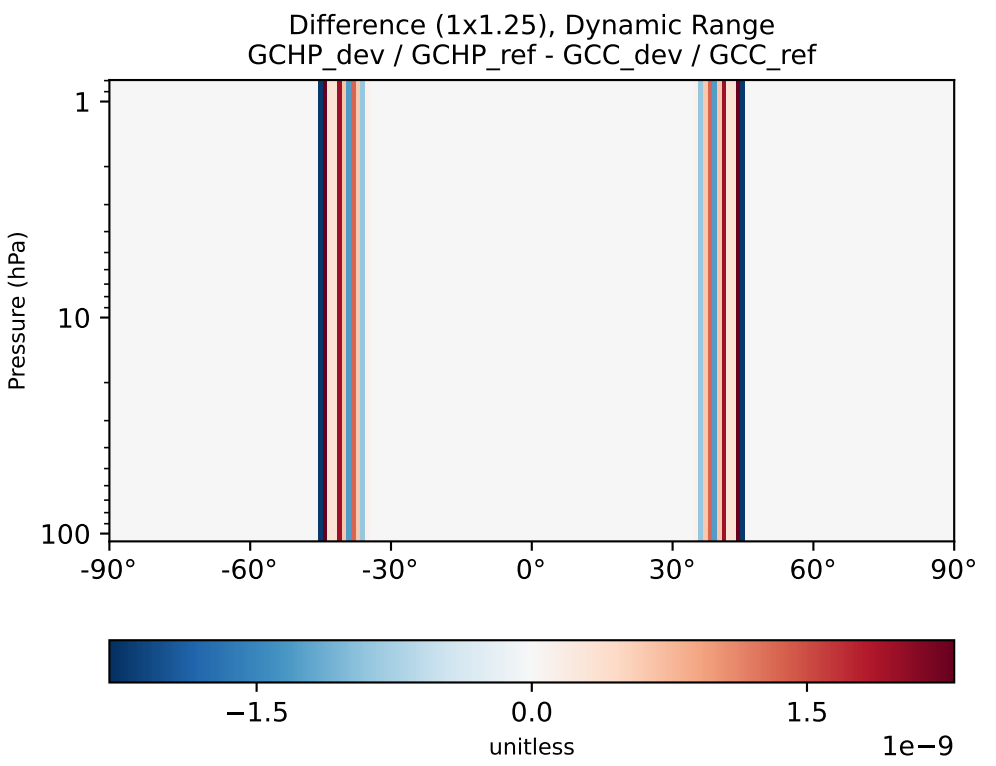
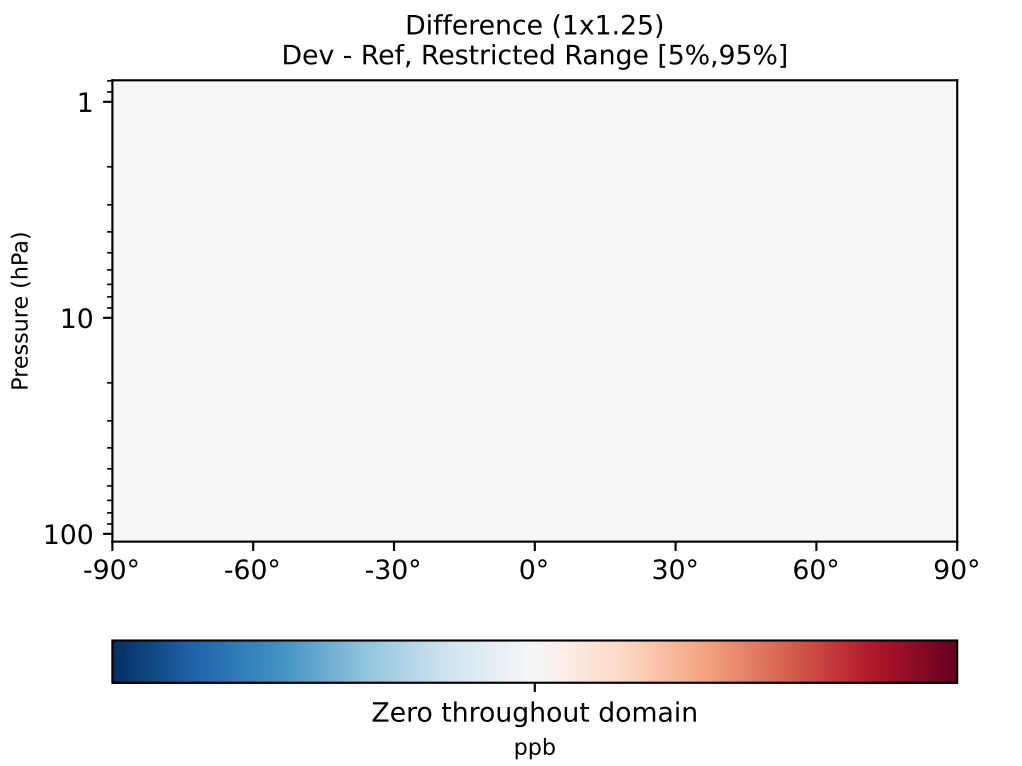
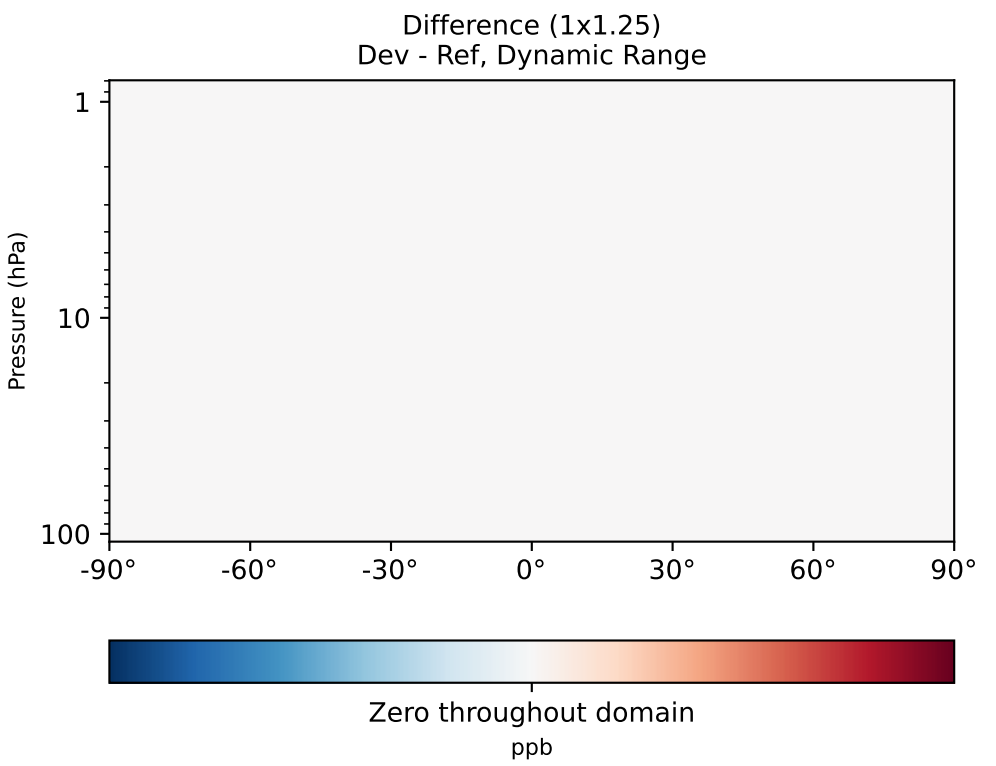
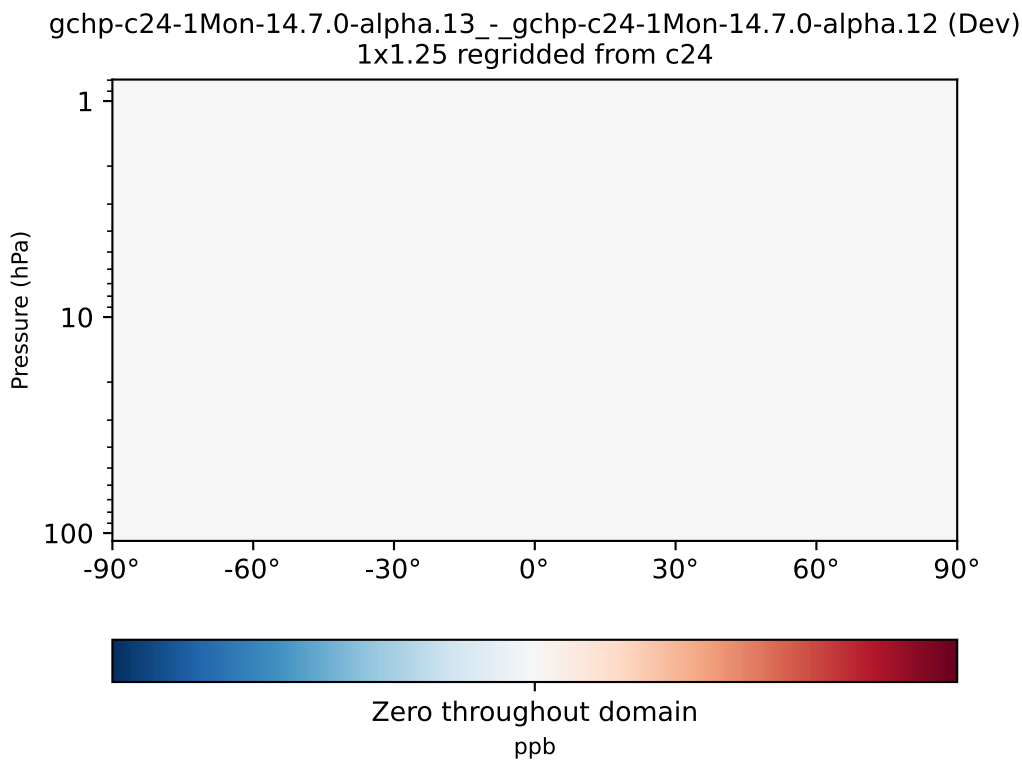
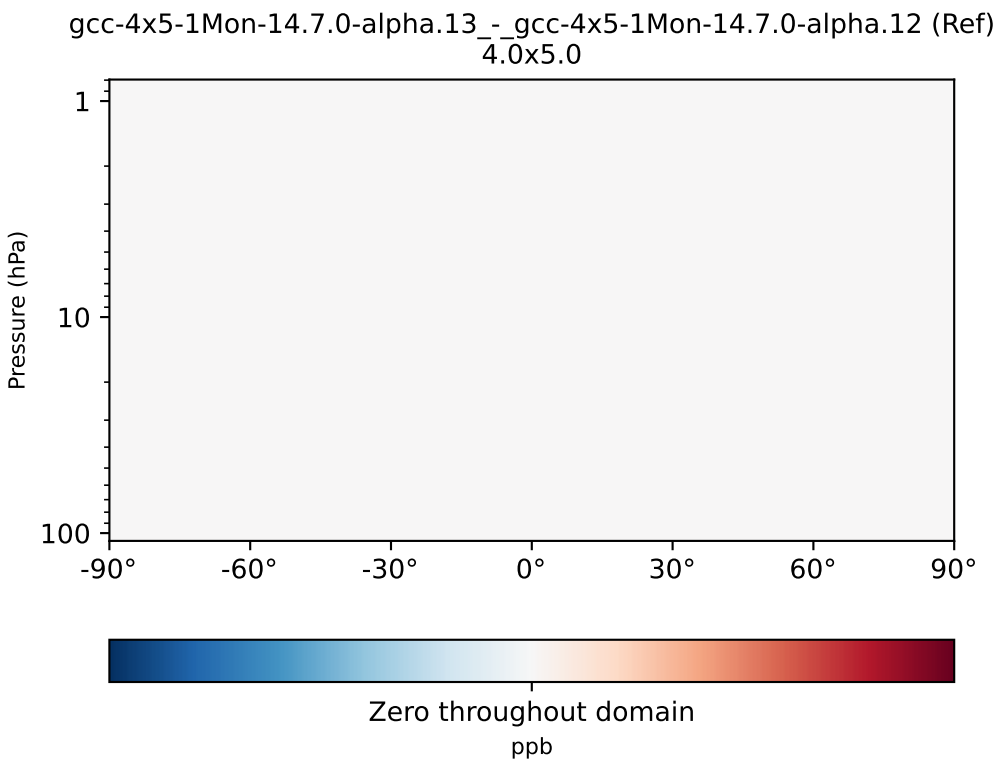
SpeciesConcVV_IPRNO3, Zonal Mean



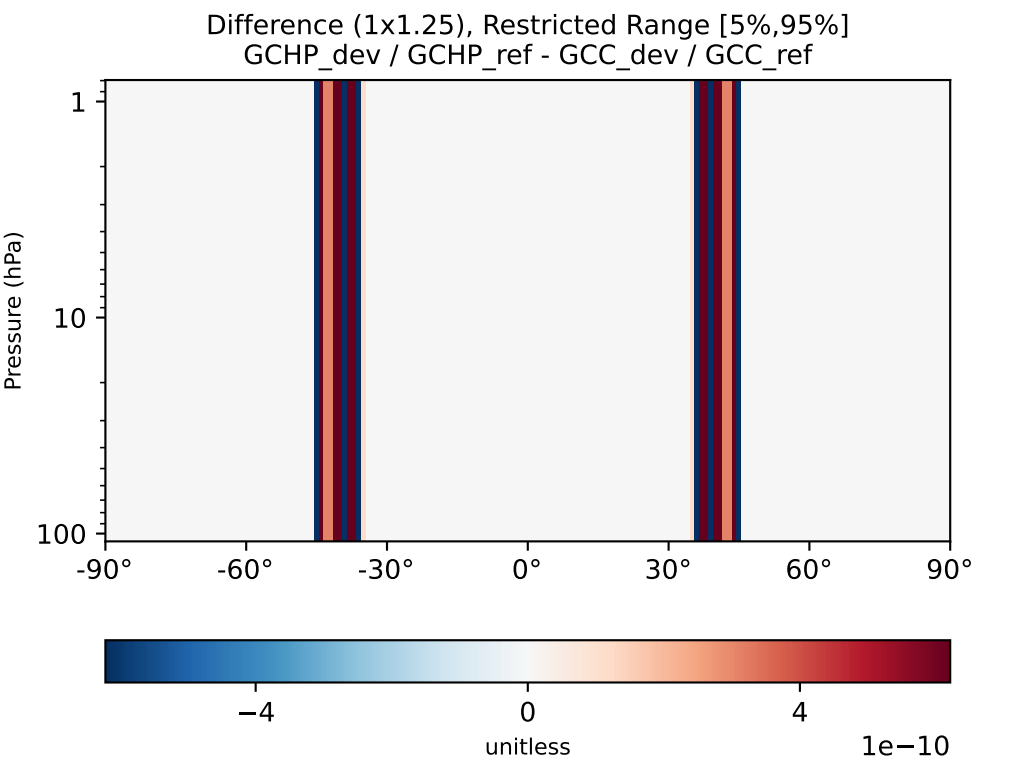
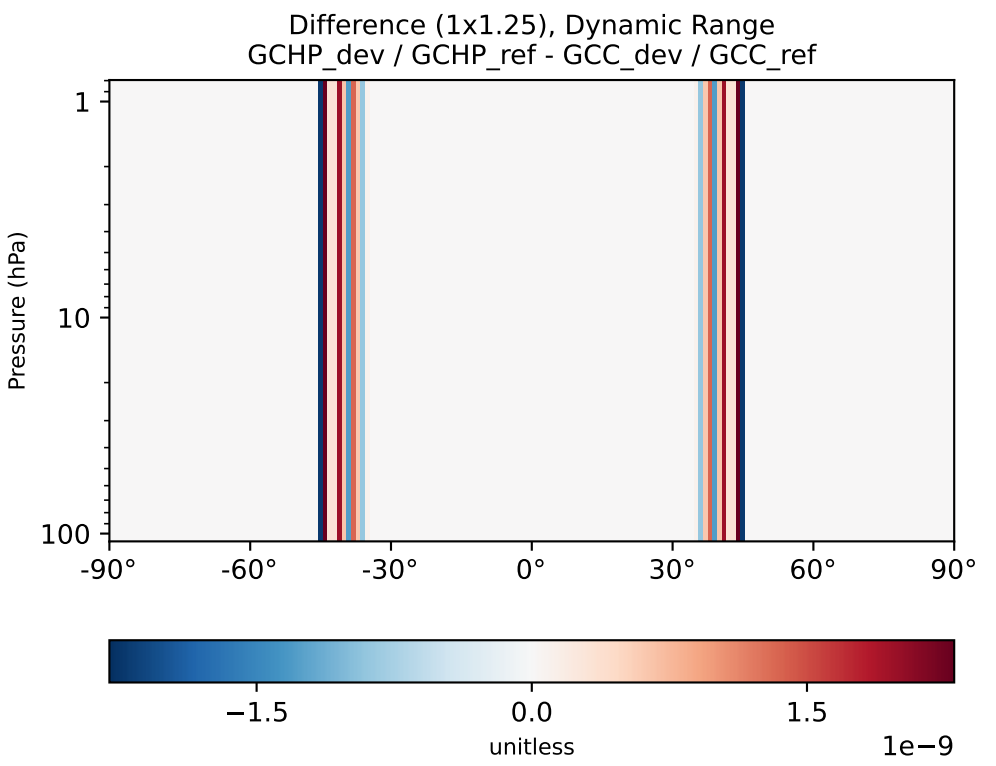
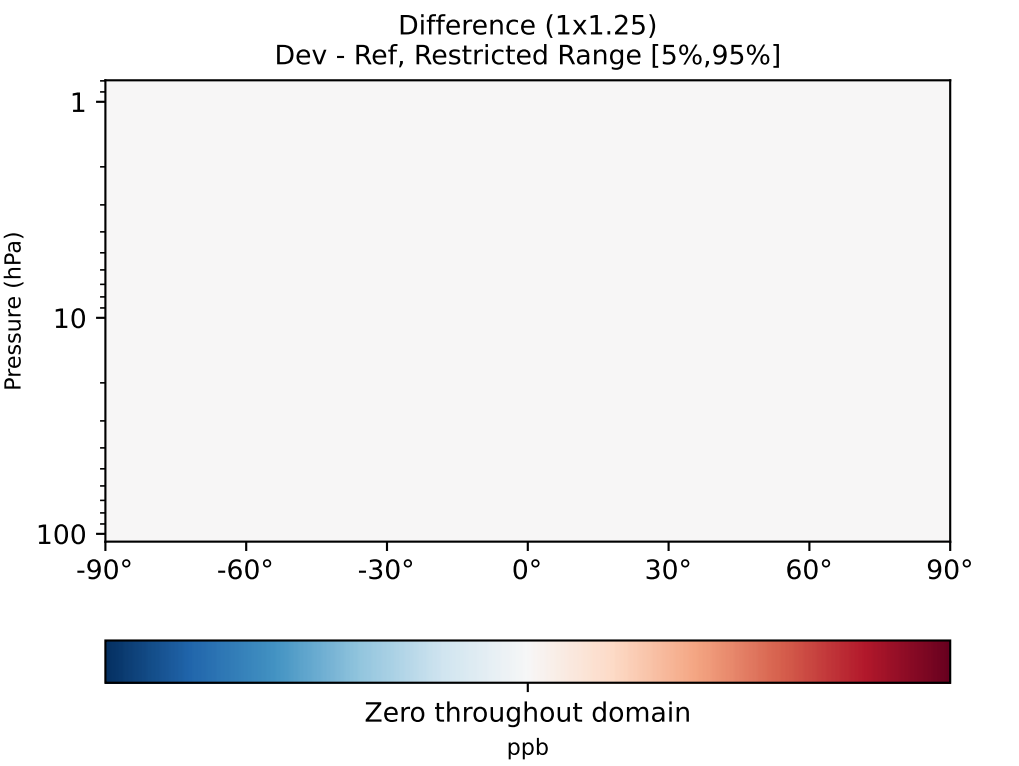
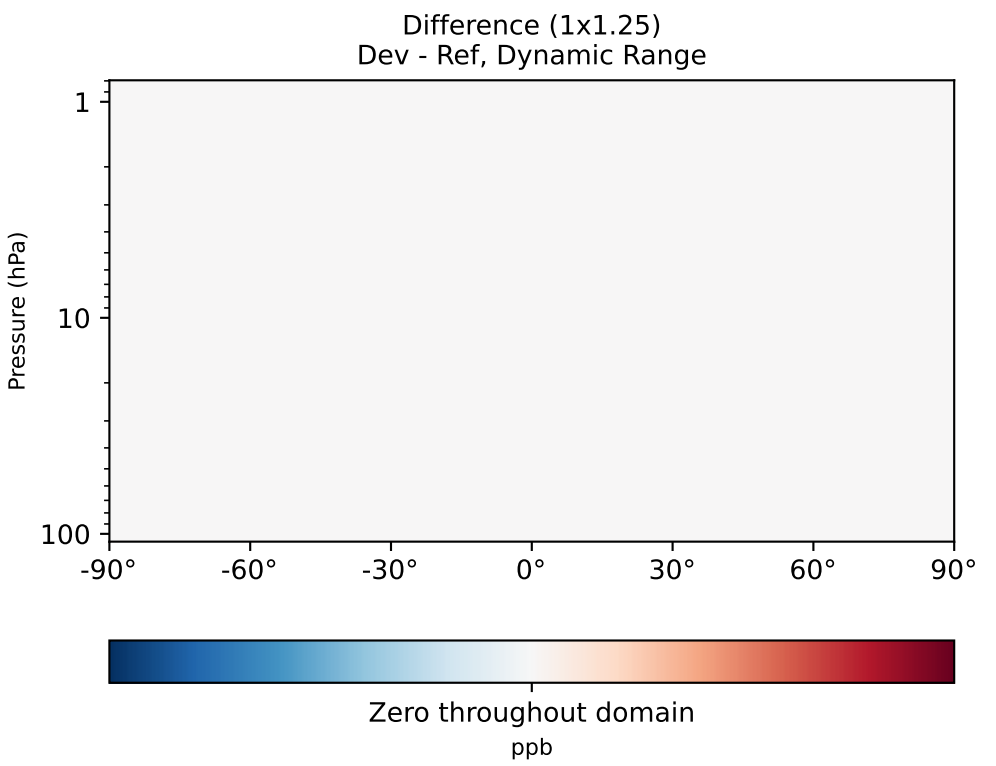
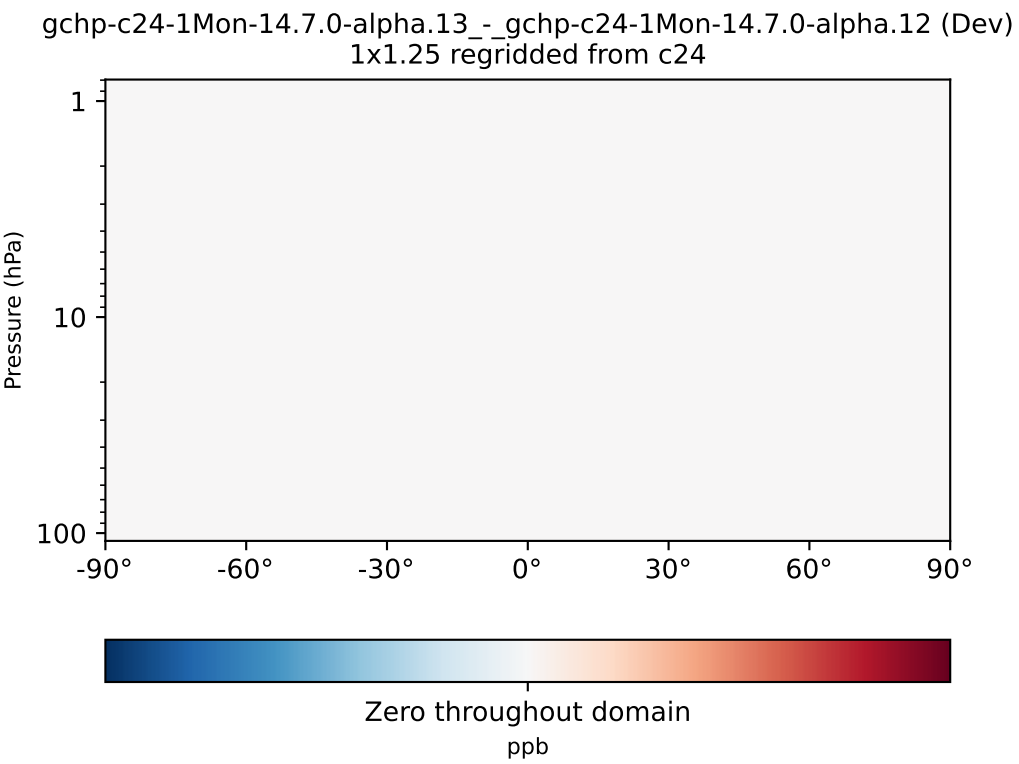
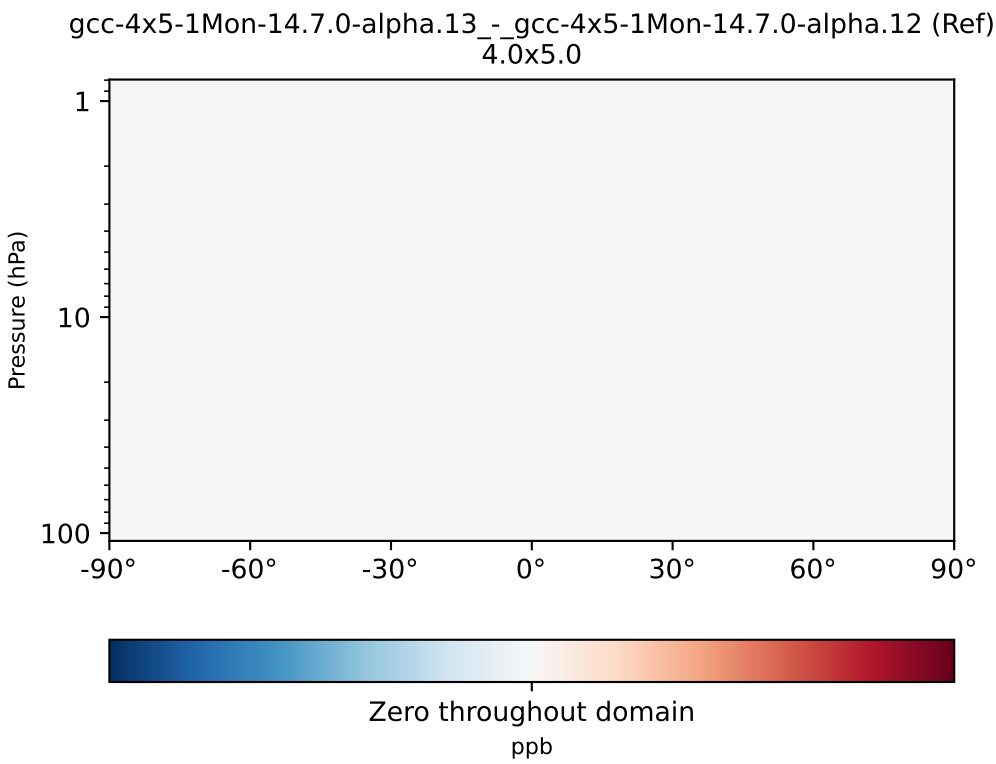
SpeciesConcVV_NPRNO3, Zonal Mean



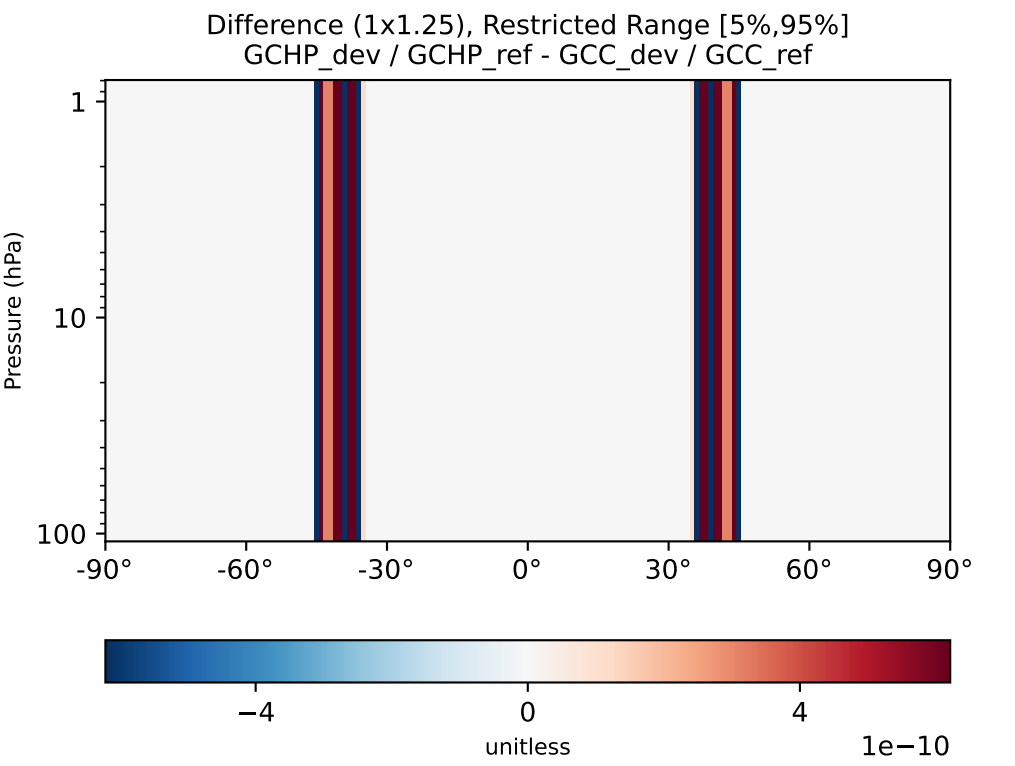
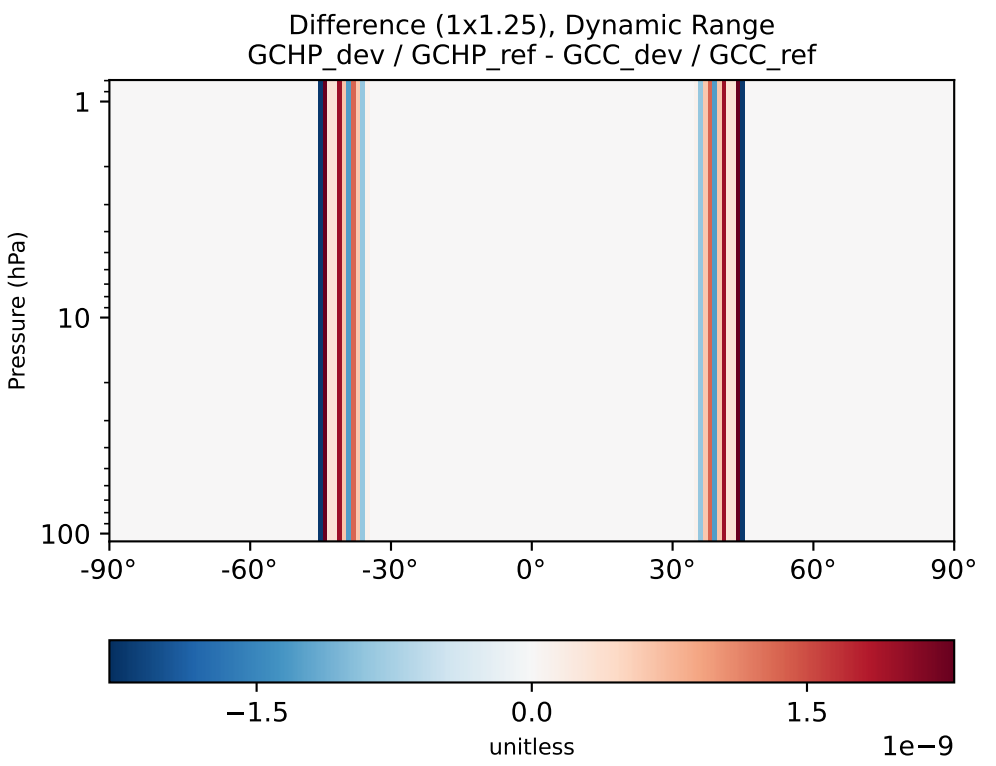
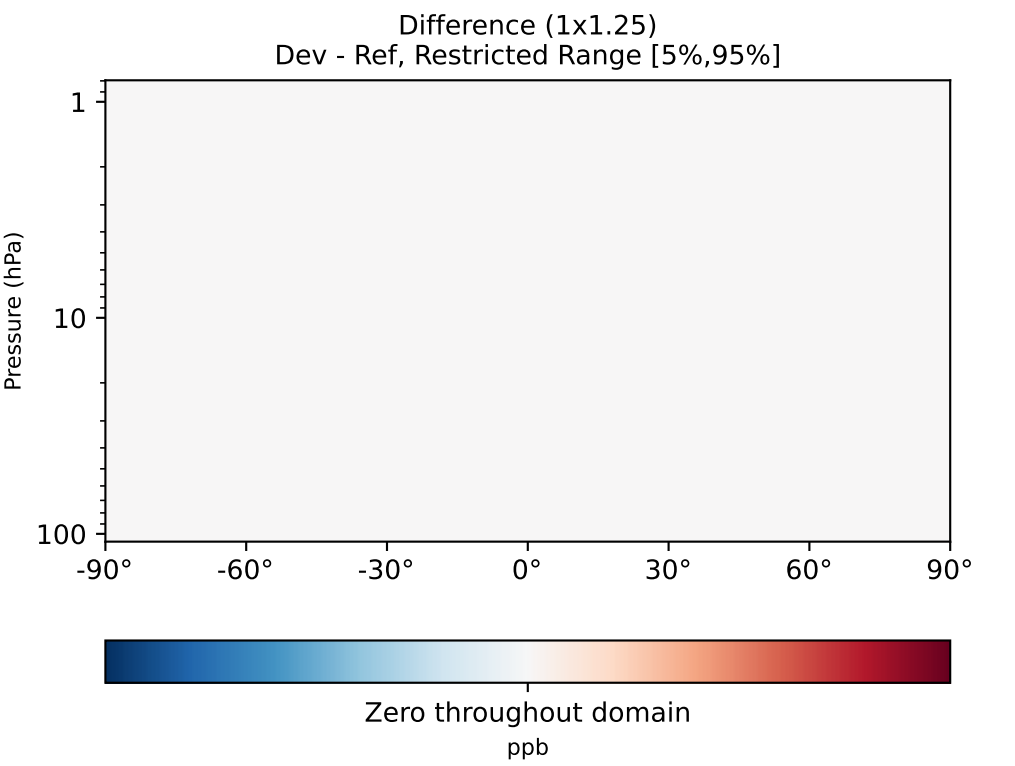
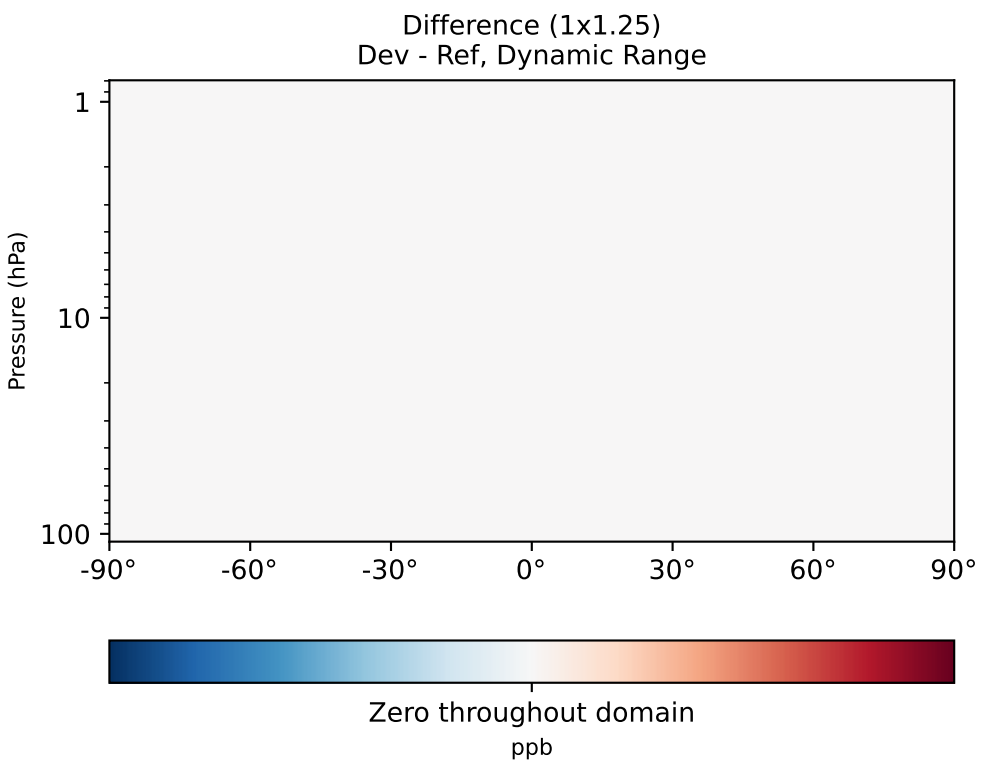
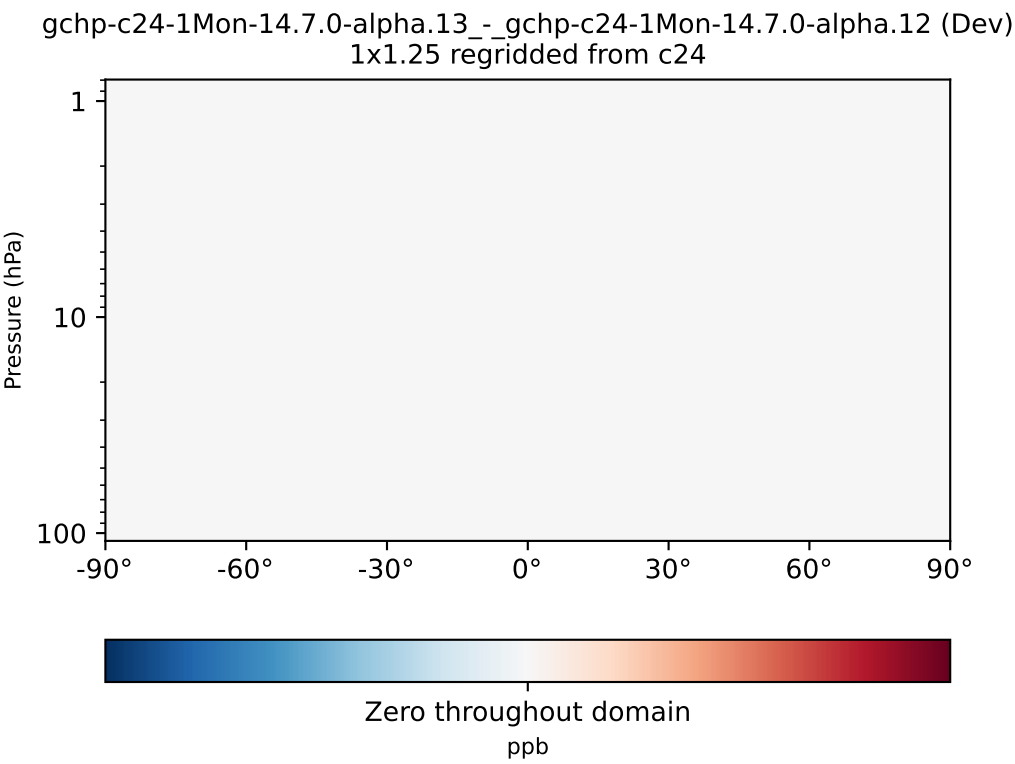
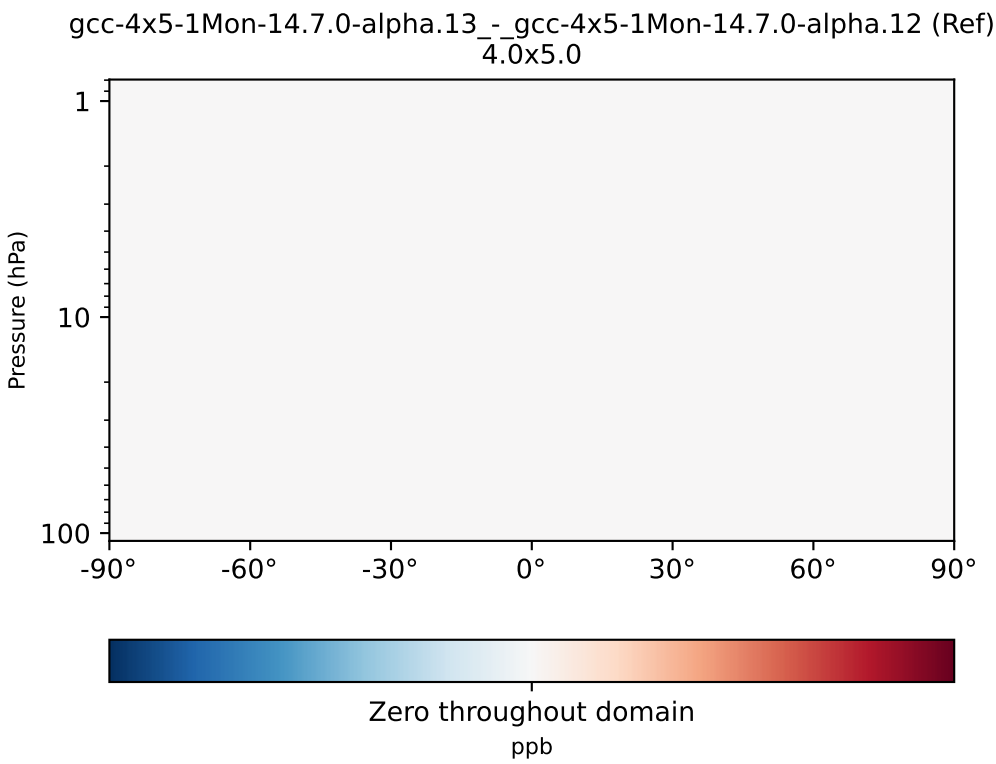
SpeciesConcVV_AONITA, Zonal Mean



SpeciesConcVV_ETHN, Zonal Mean



SpeciesConcVV_BZPAN, Zonal Mean



SpeciesConcVV_NPHEN, Zonal Mean

