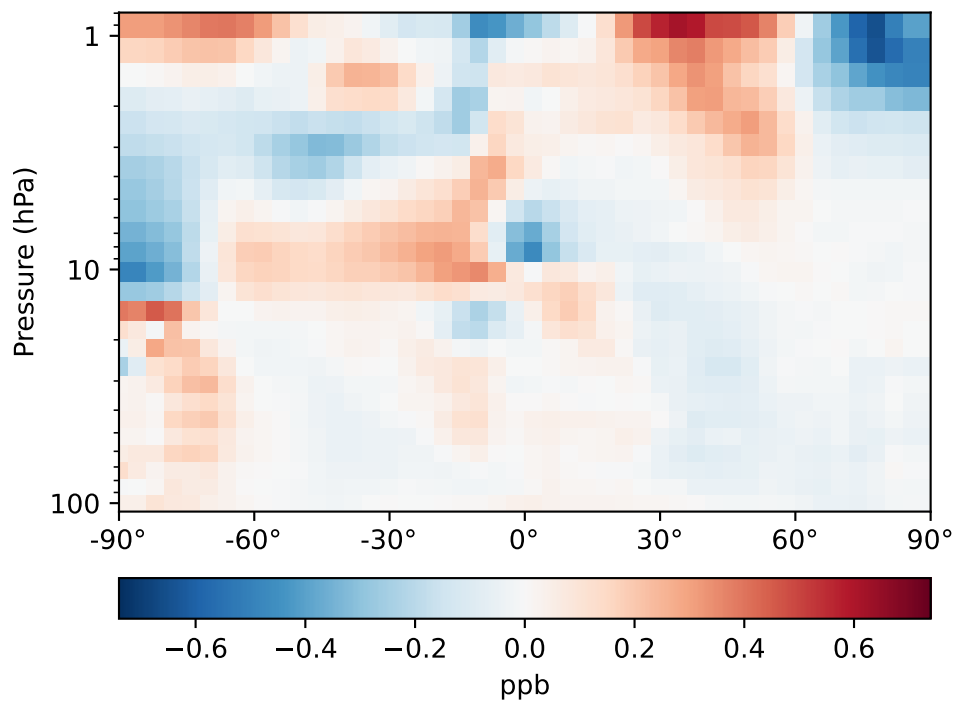
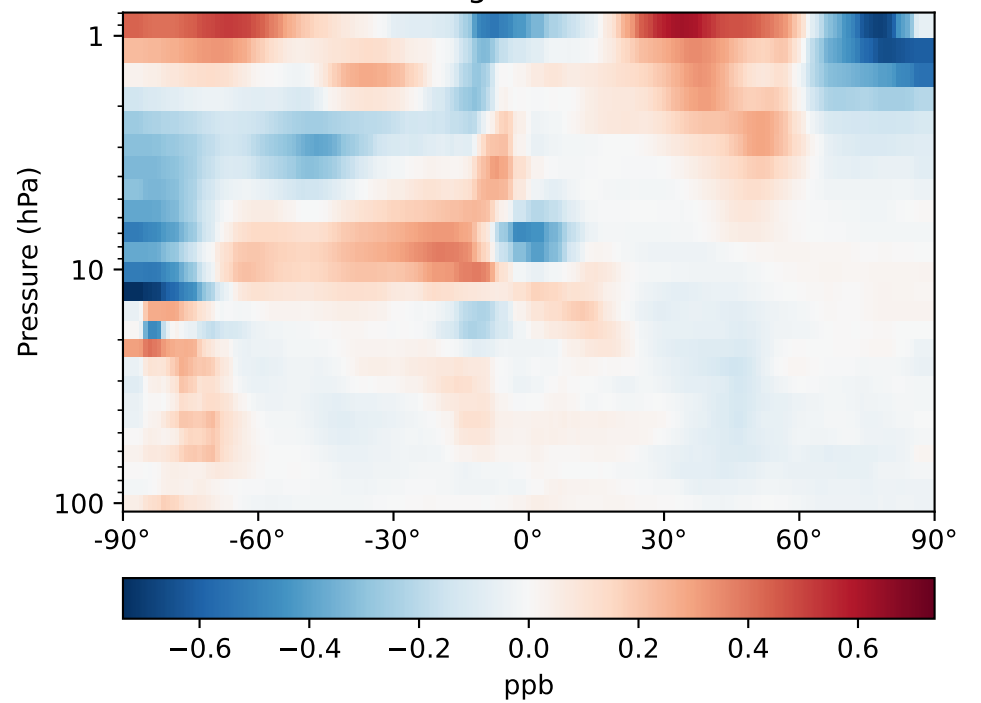


SpeciesConcVW_NOy, Zonal Mean

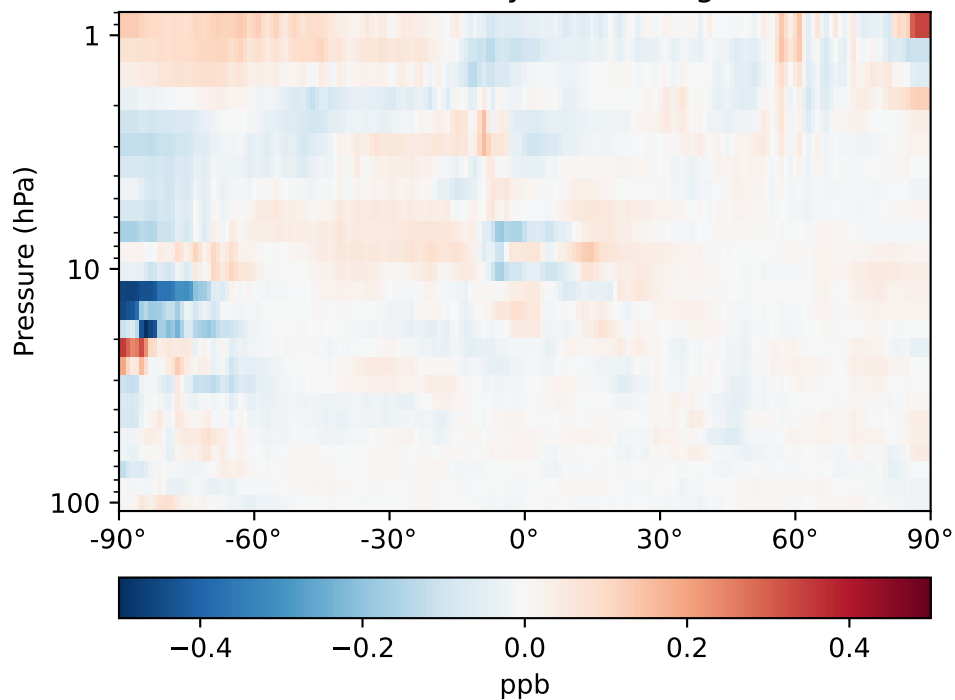
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



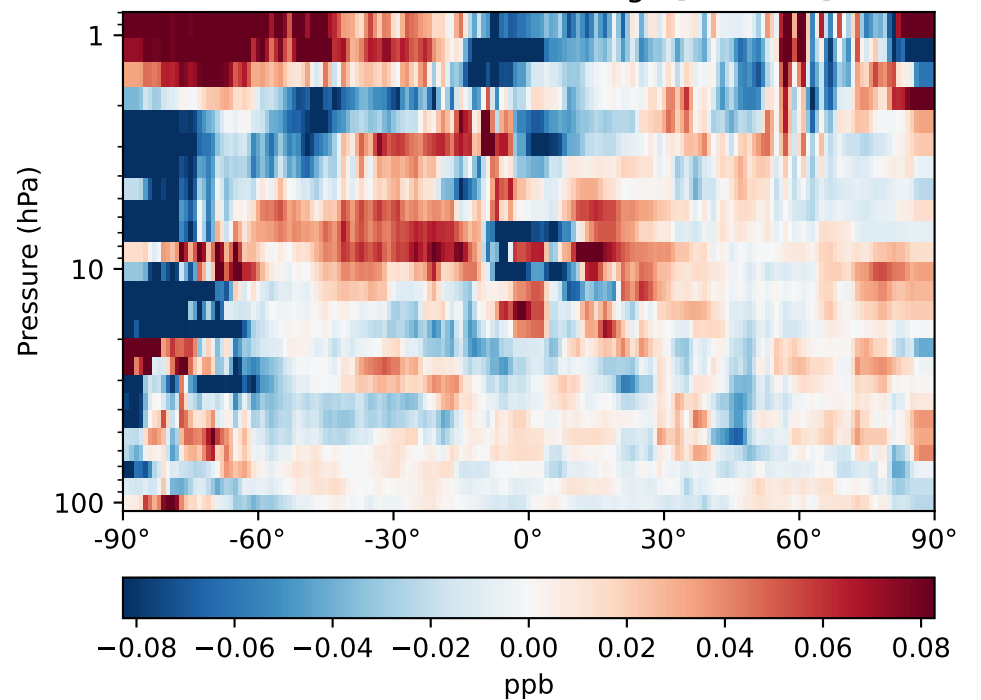
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regridged from c24



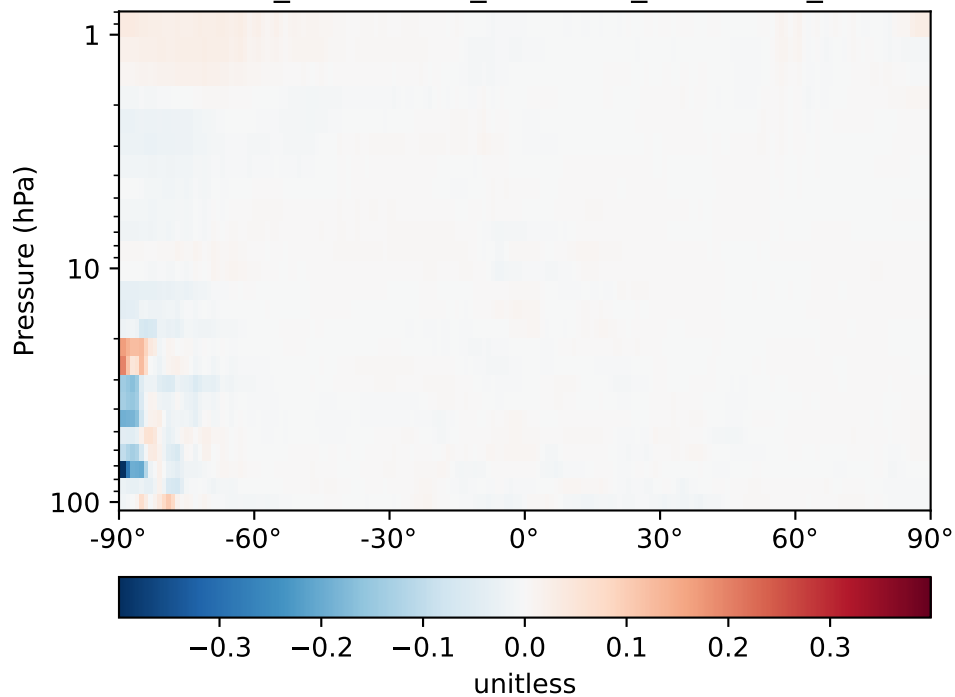
Difference (1x1.25)
Dev - Ref, Dynamic Range



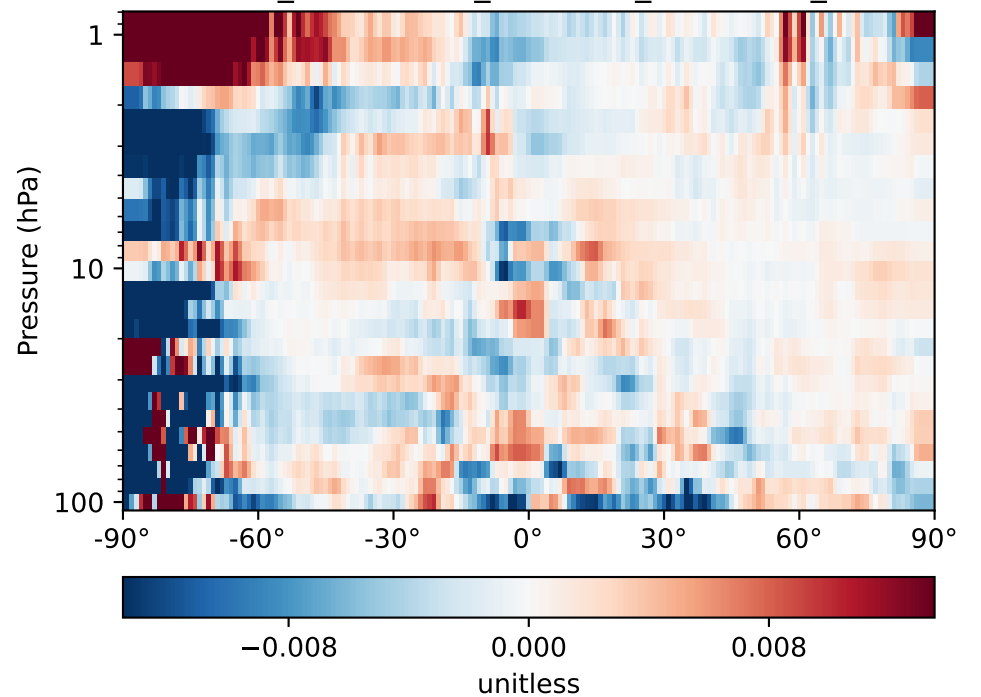
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

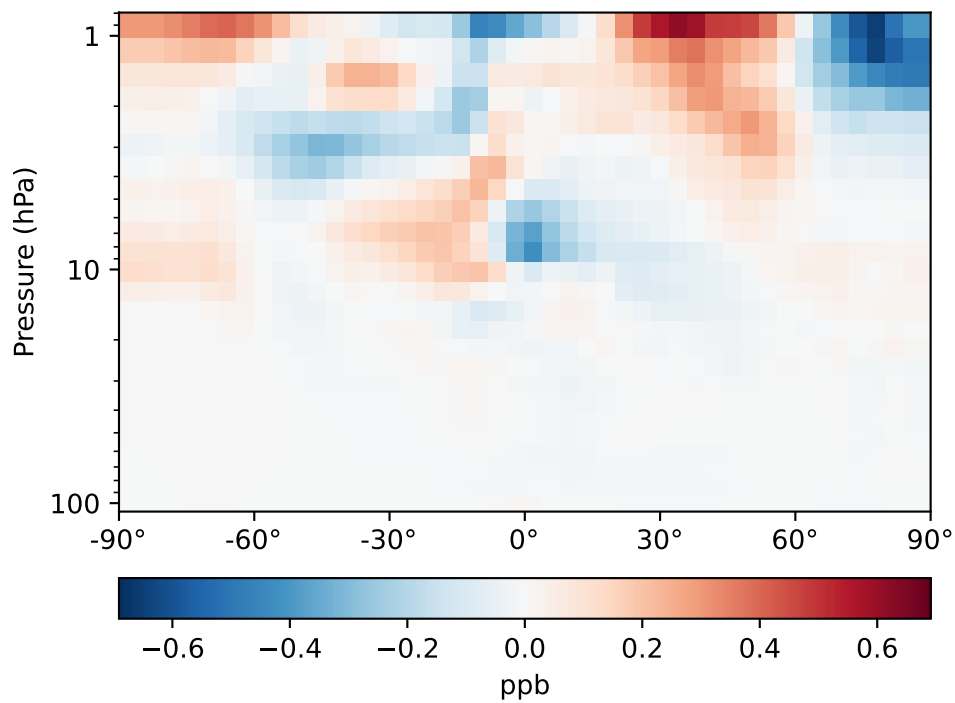


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

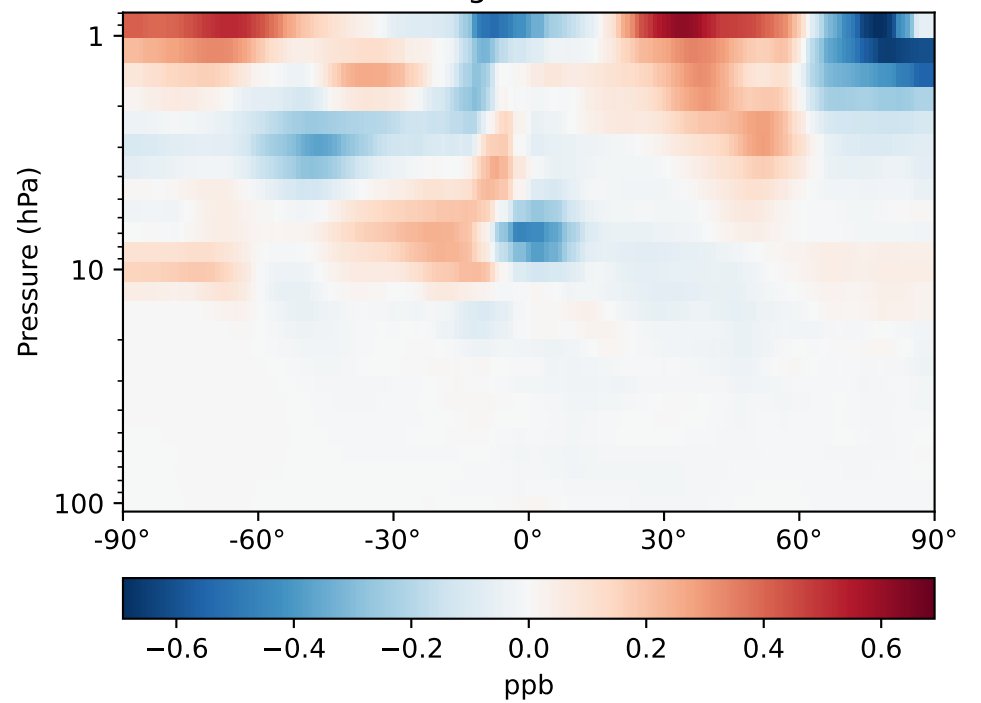


SpeciesConcVW_NOx, Zonal Mean

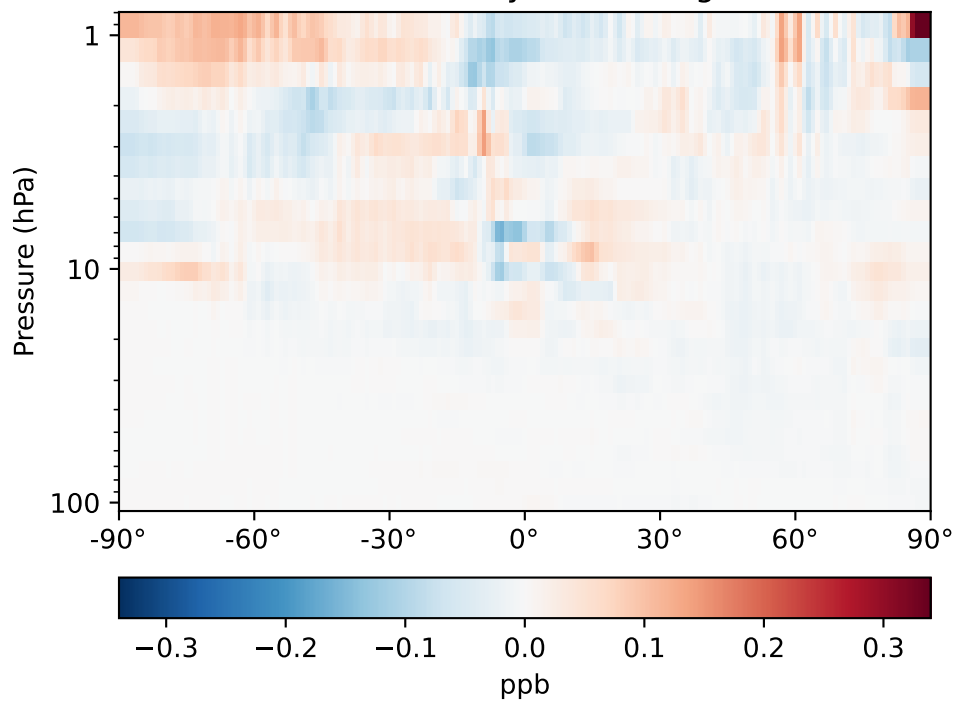
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



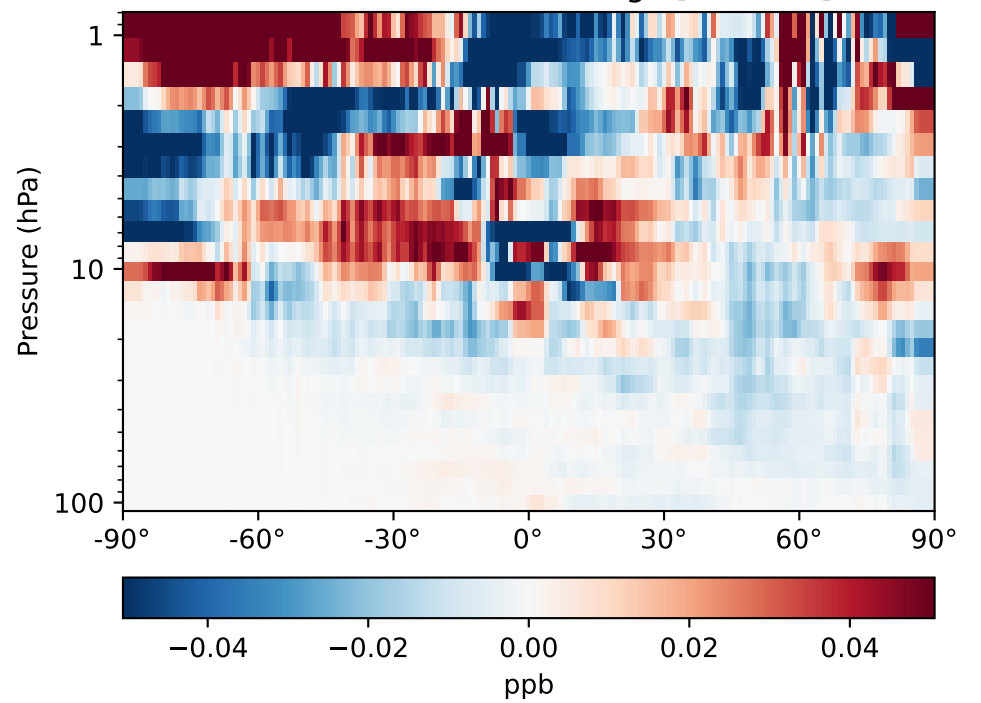
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



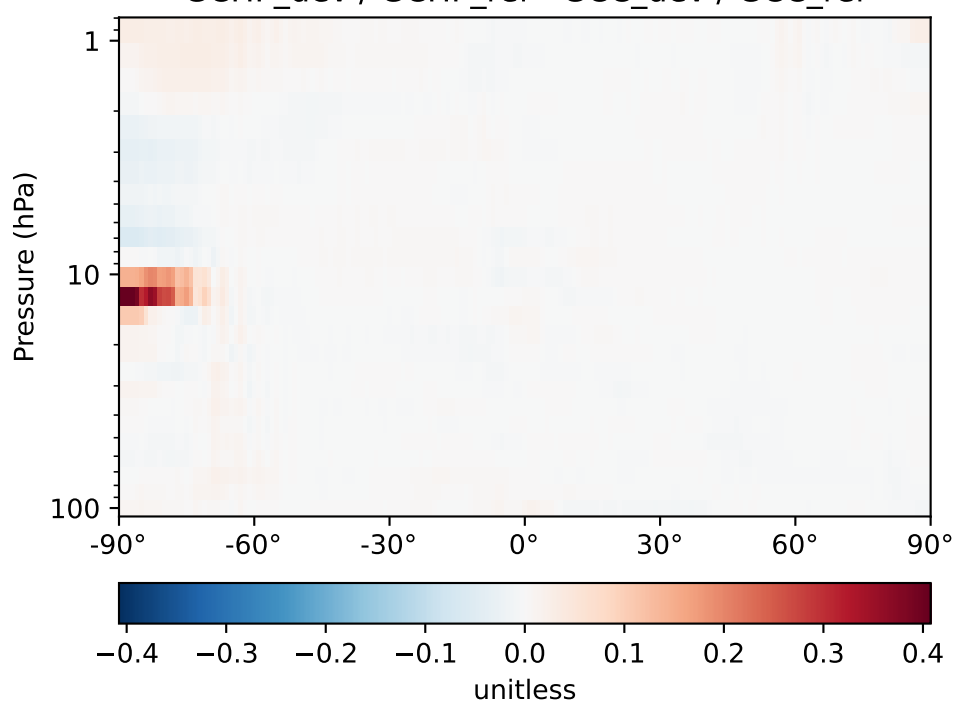
Difference (1x1.25)
Dev - Ref, Dynamic Range



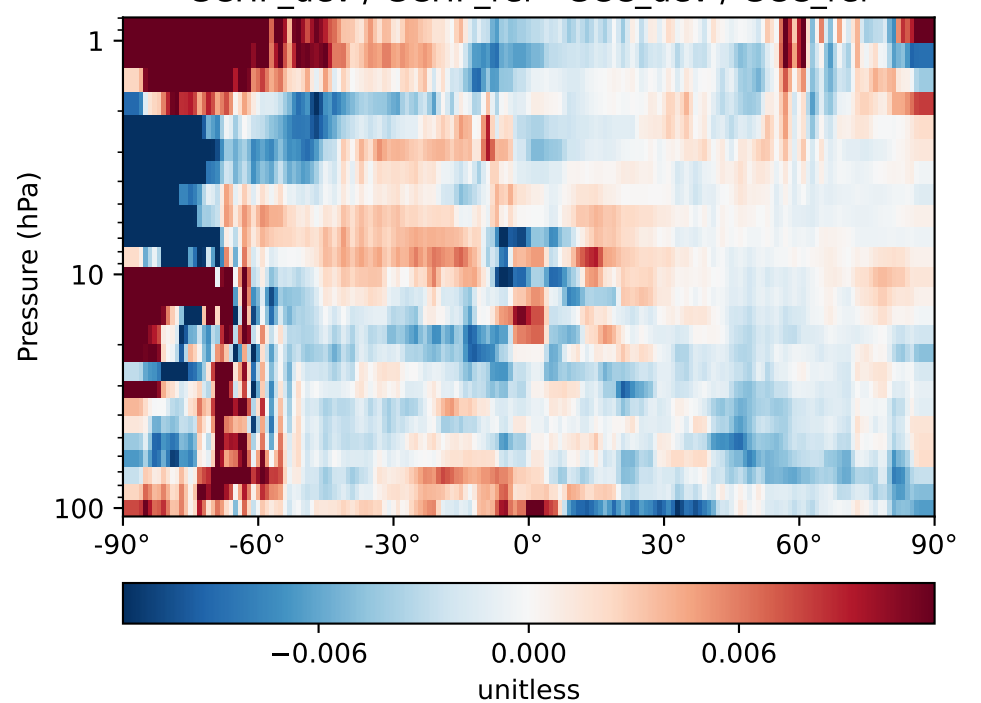
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

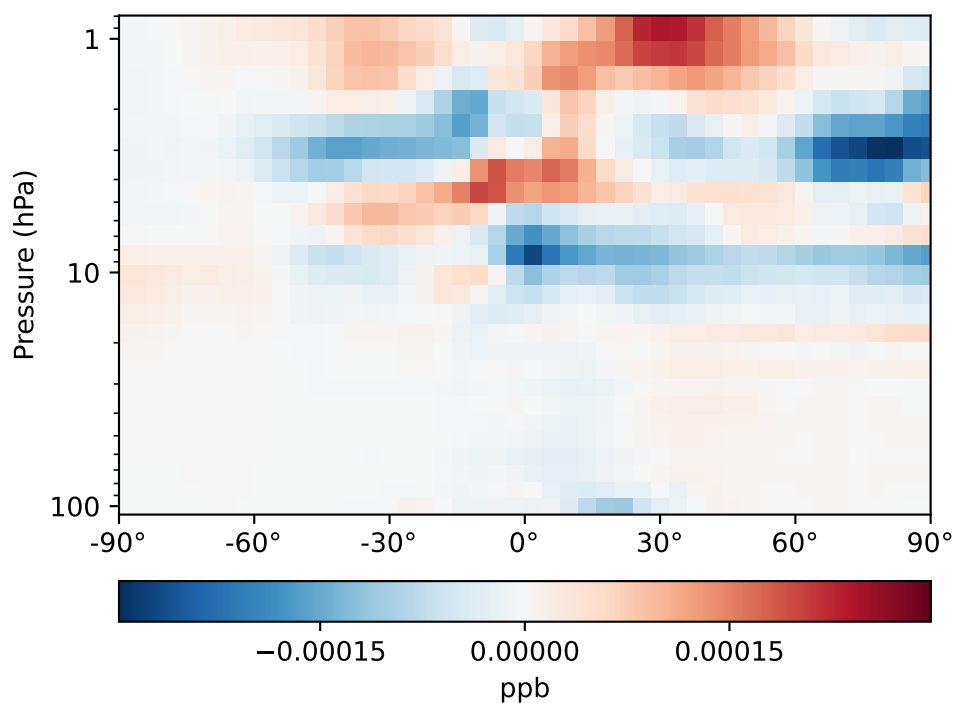


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

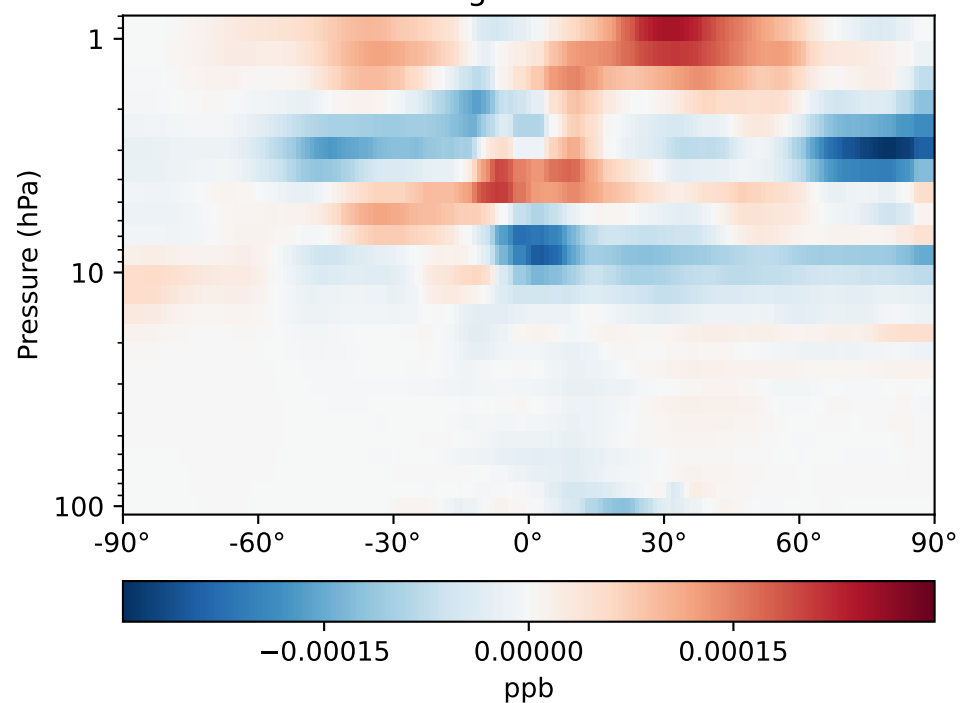


SpeciesConcVV_HNO2, Zonal Mean

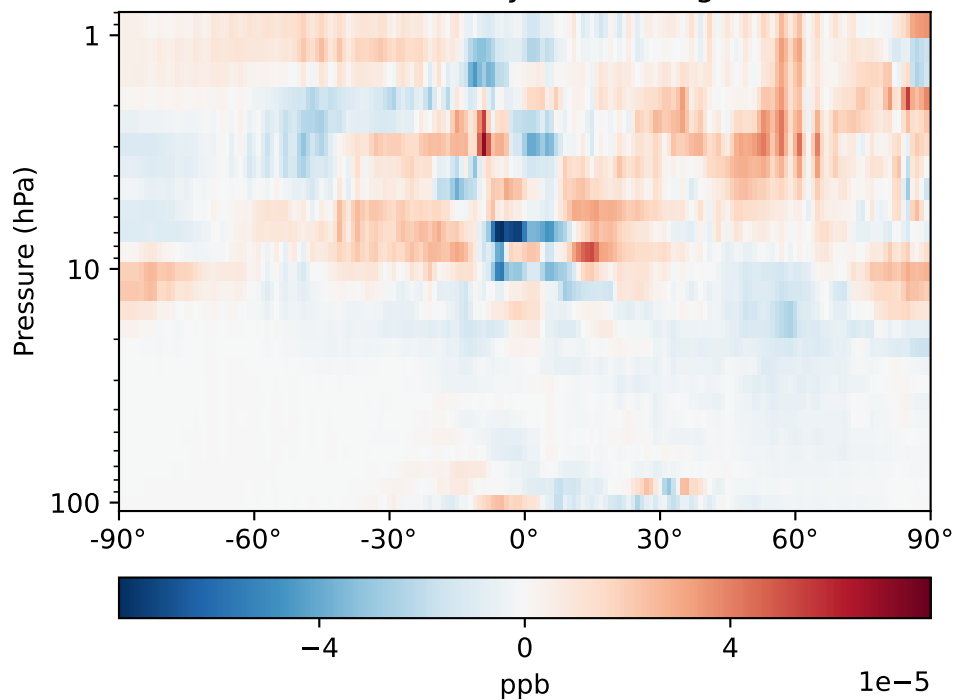
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



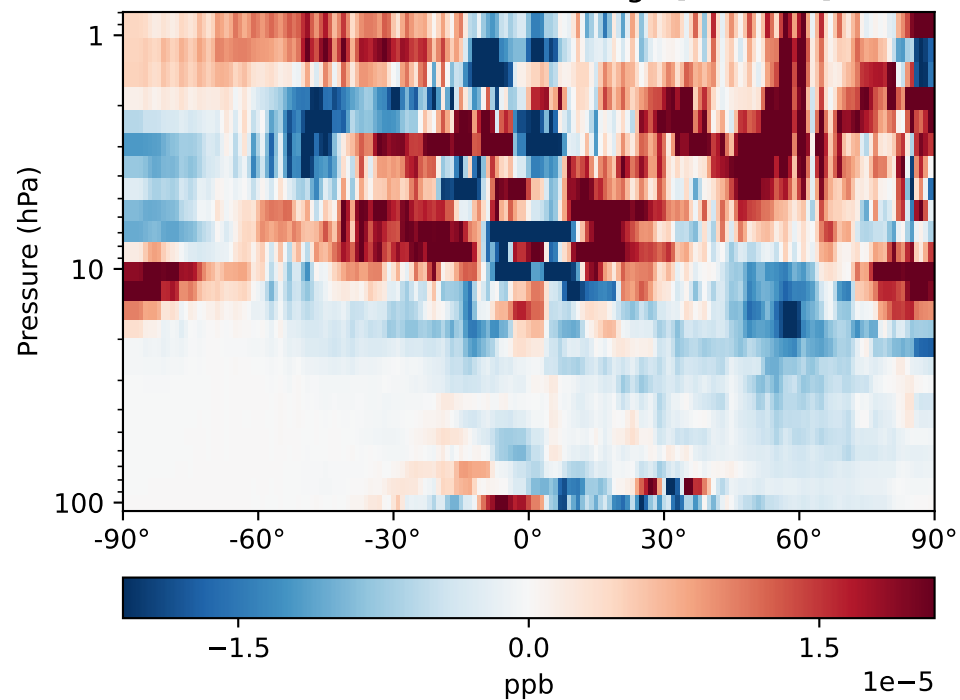
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



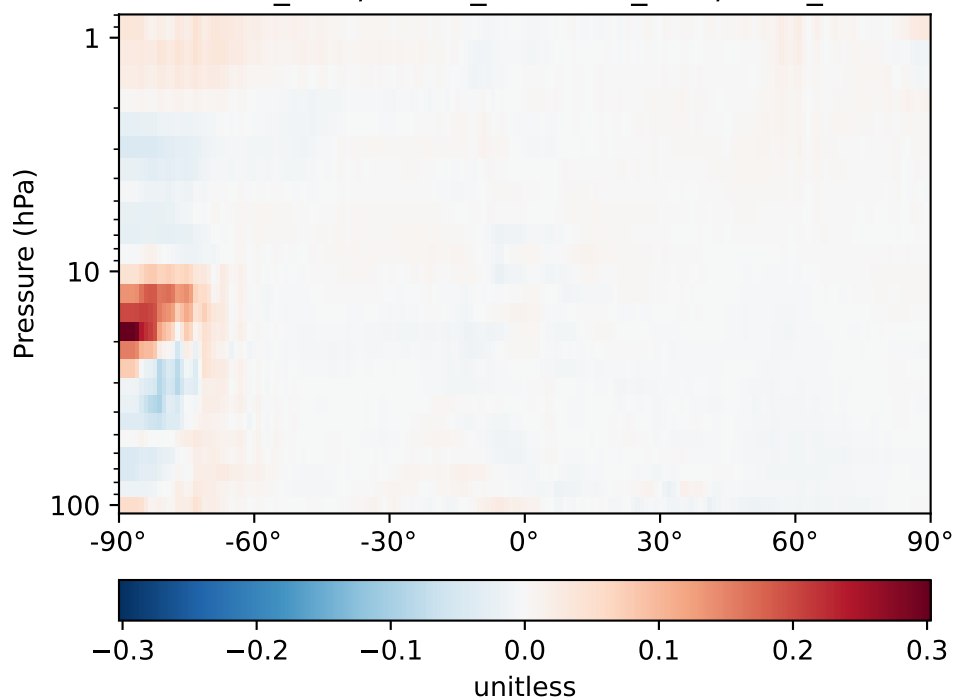
Difference (1x1.25)
Dev - Ref, Dynamic Range



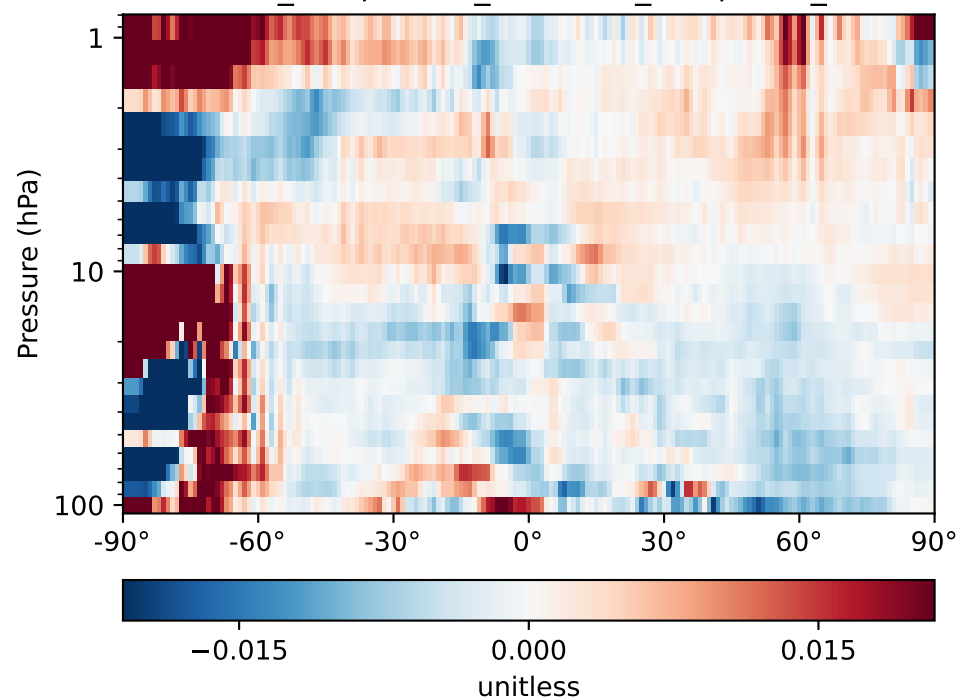
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

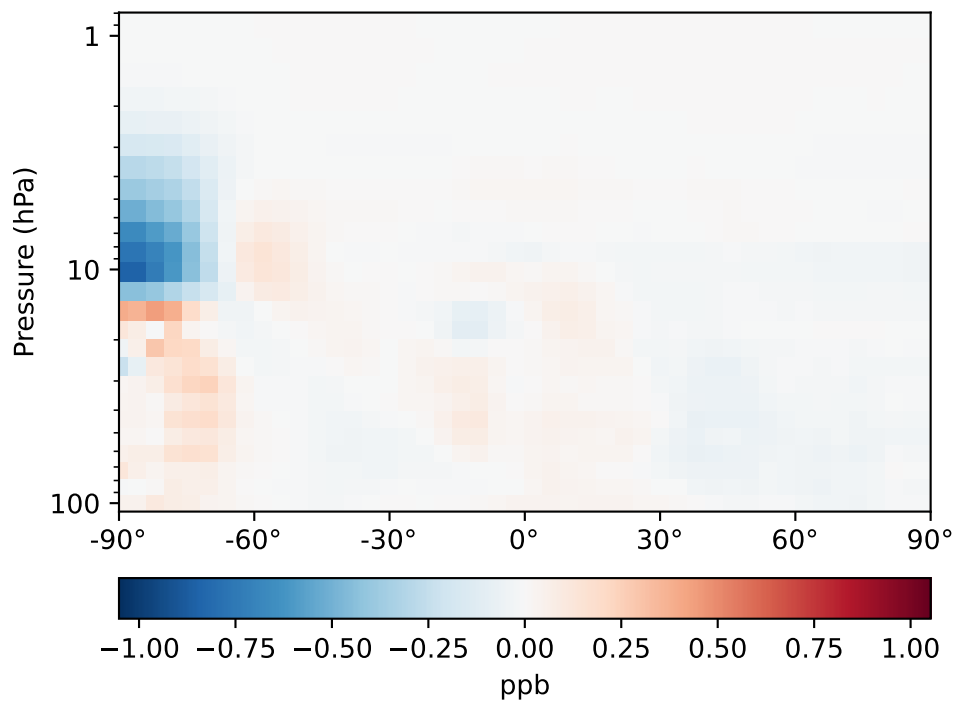


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

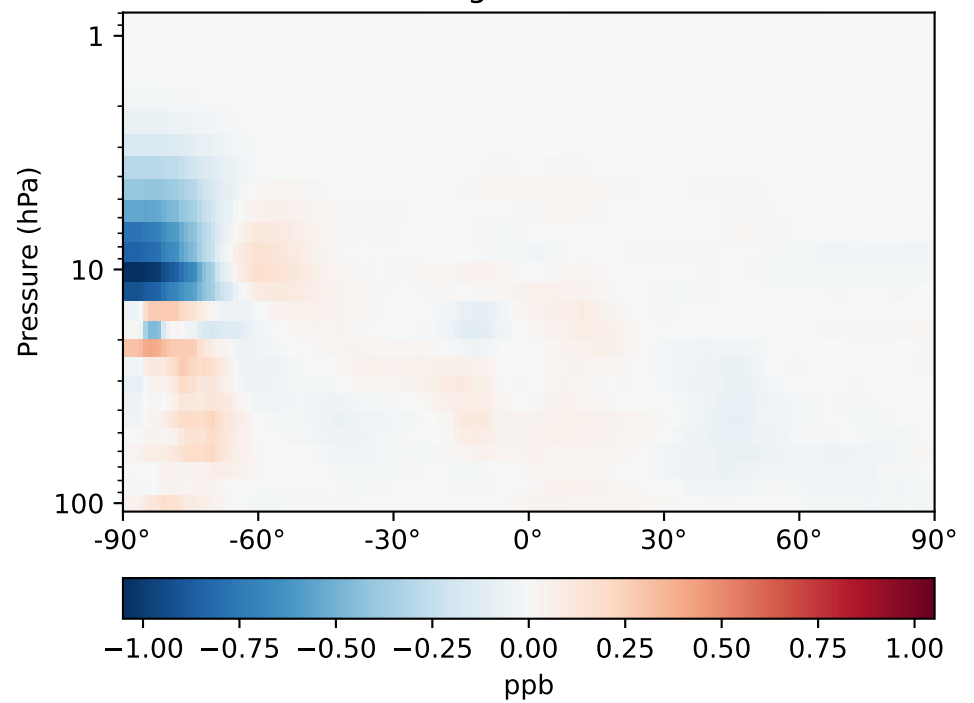


SpeciesConcVV_HNO3, Zonal Mean

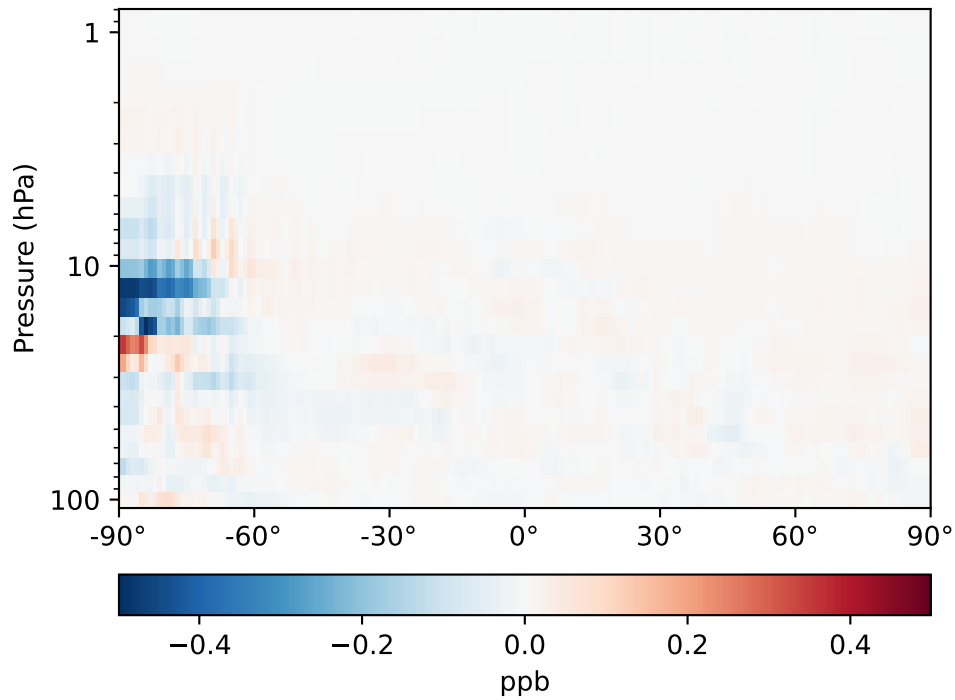
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



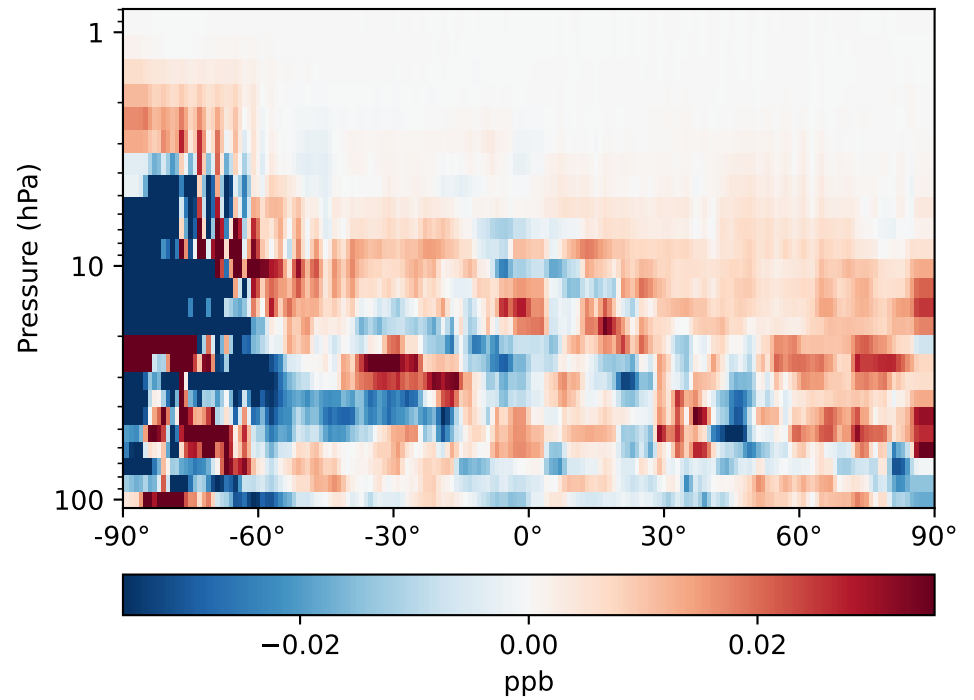
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



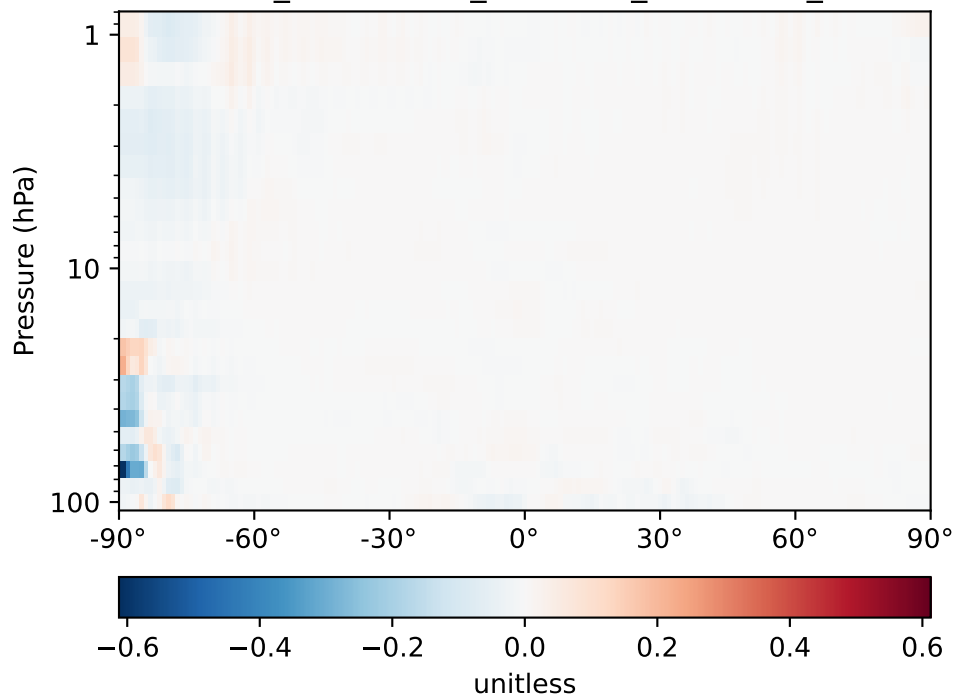
Difference (1x1.25)
Dev - Ref, Dynamic Range



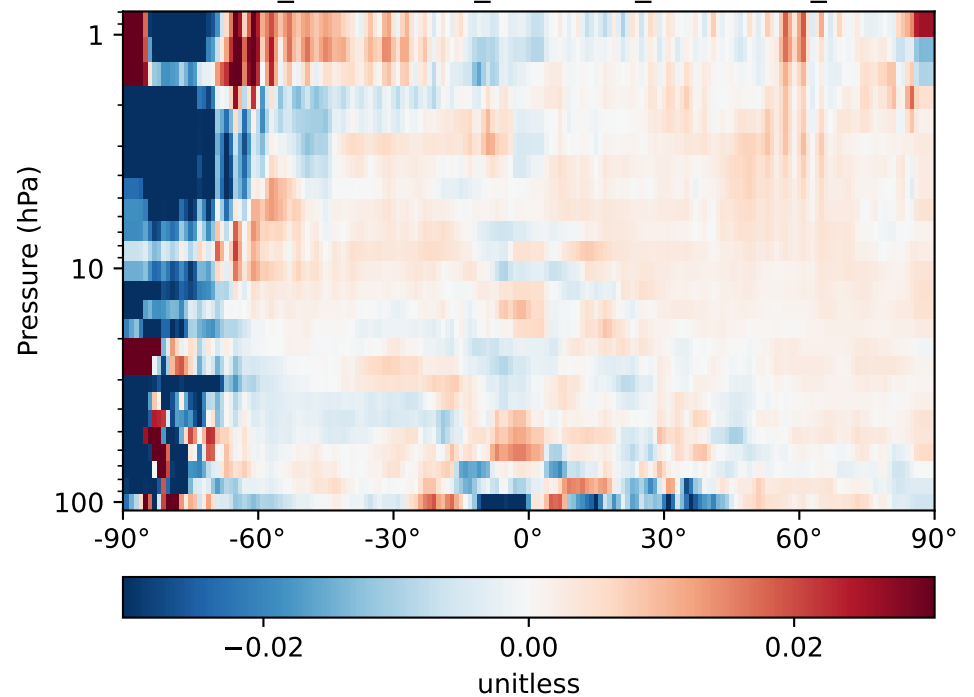
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

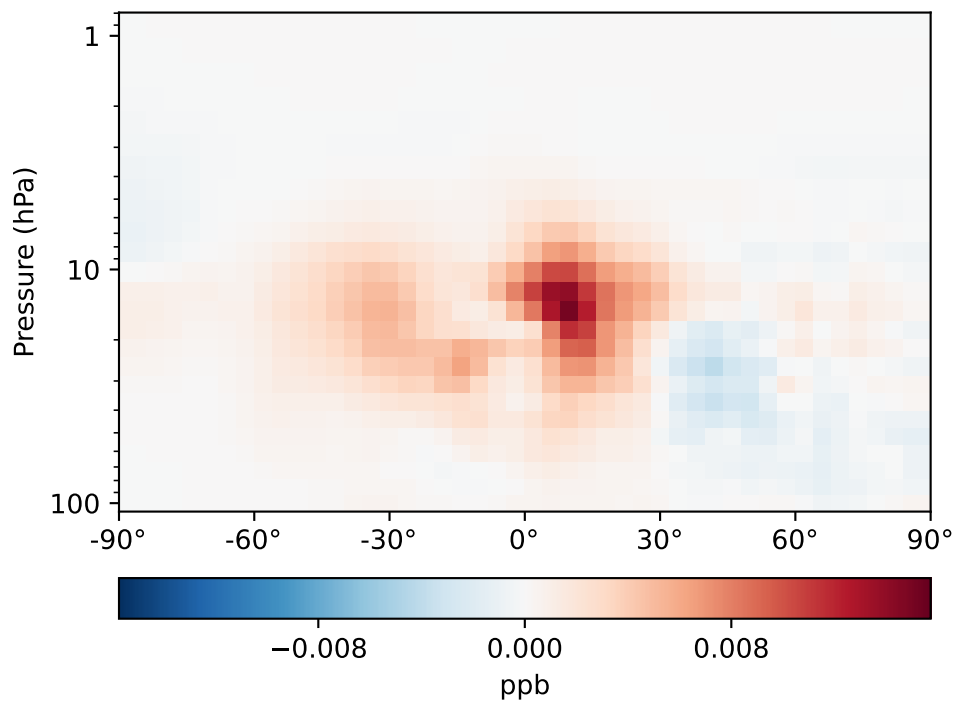


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

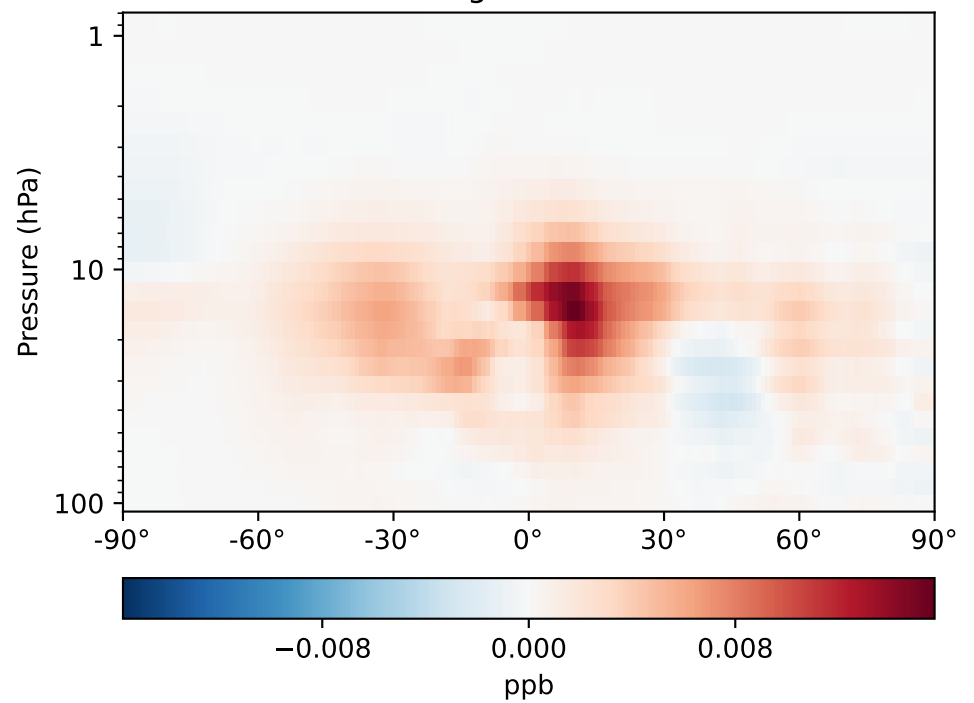


SpeciesConcVV_HNO4, Zonal Mean

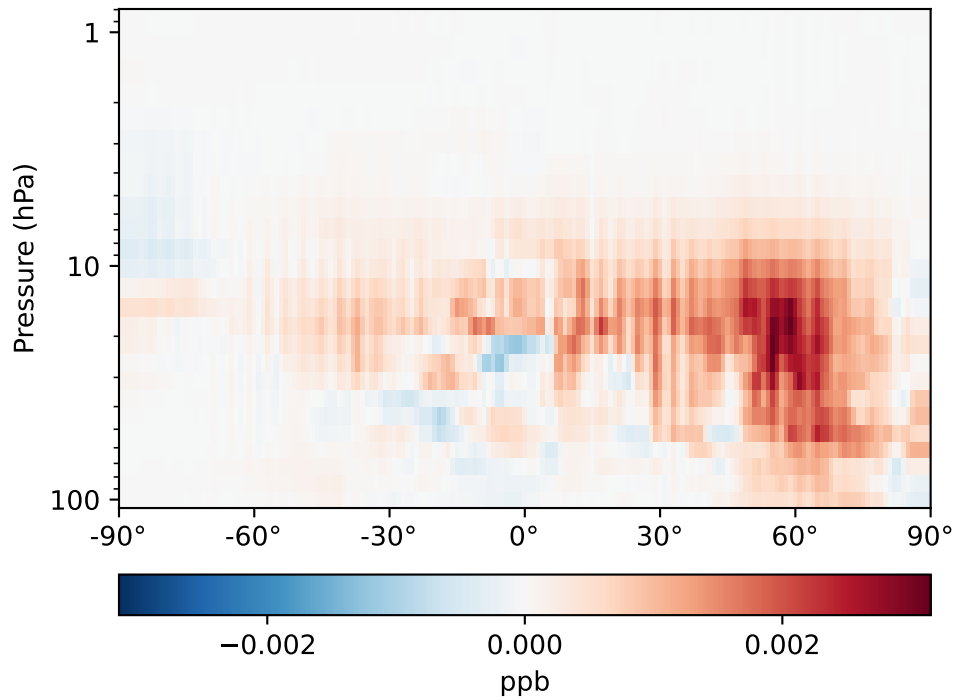
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



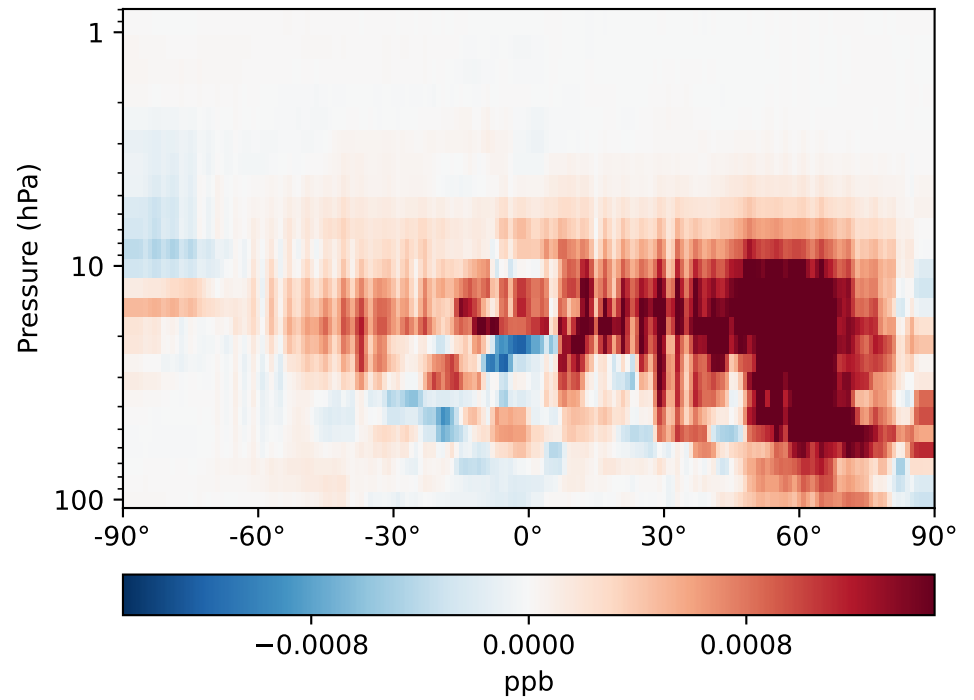
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



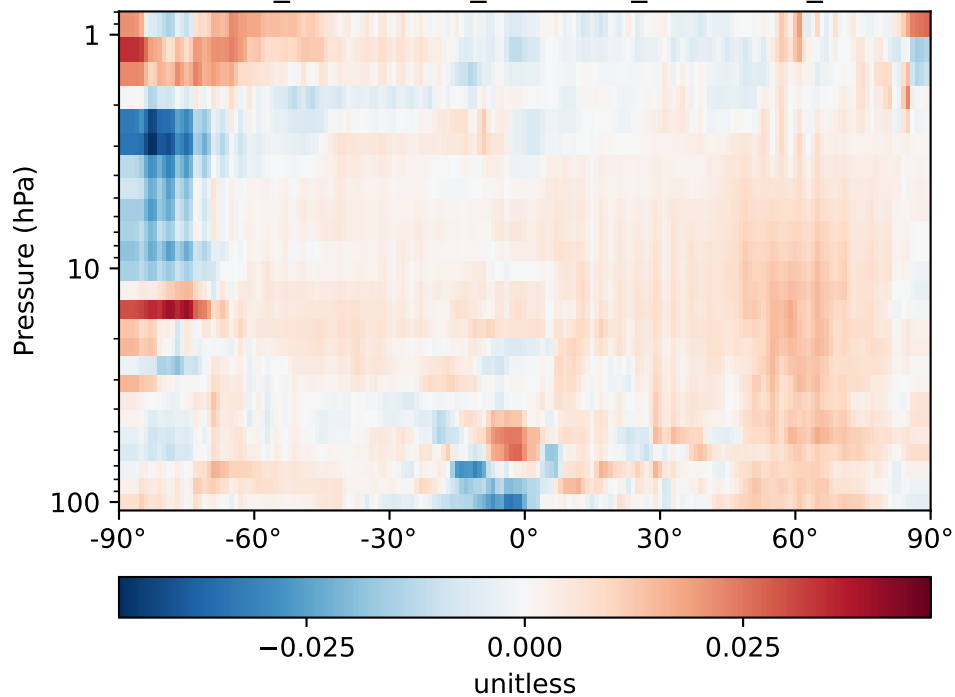
Difference (1x1.25)
Dev - Ref, Dynamic Range



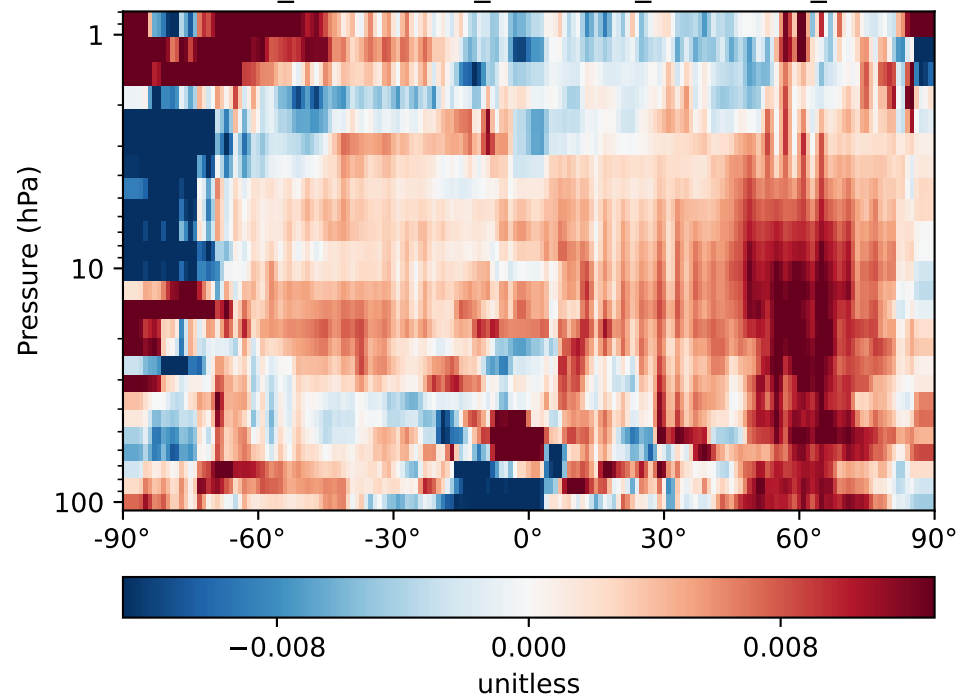
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

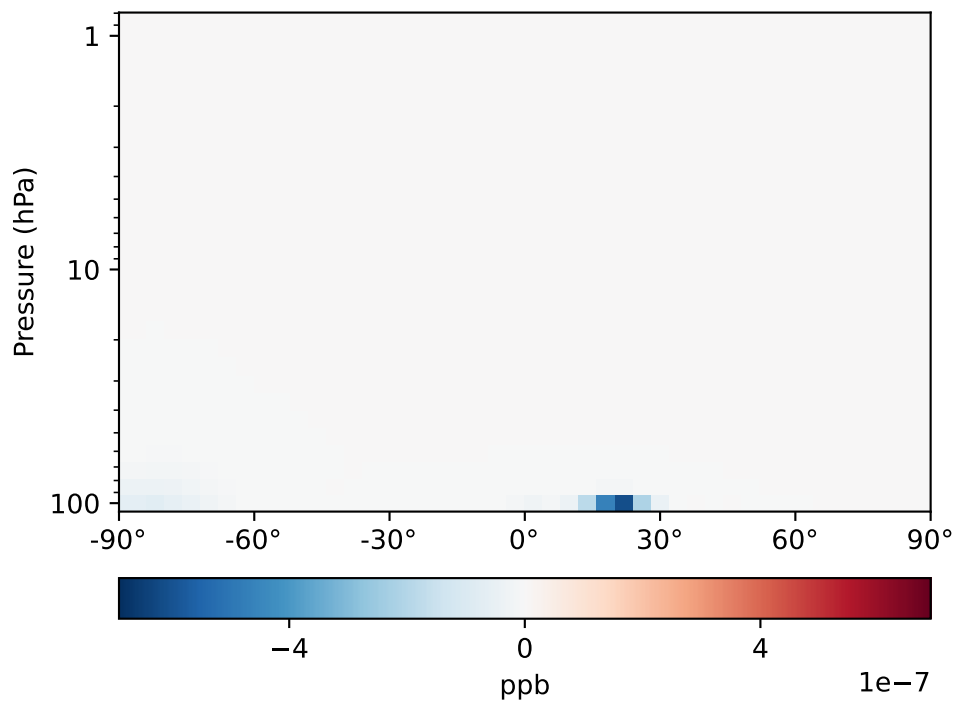


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

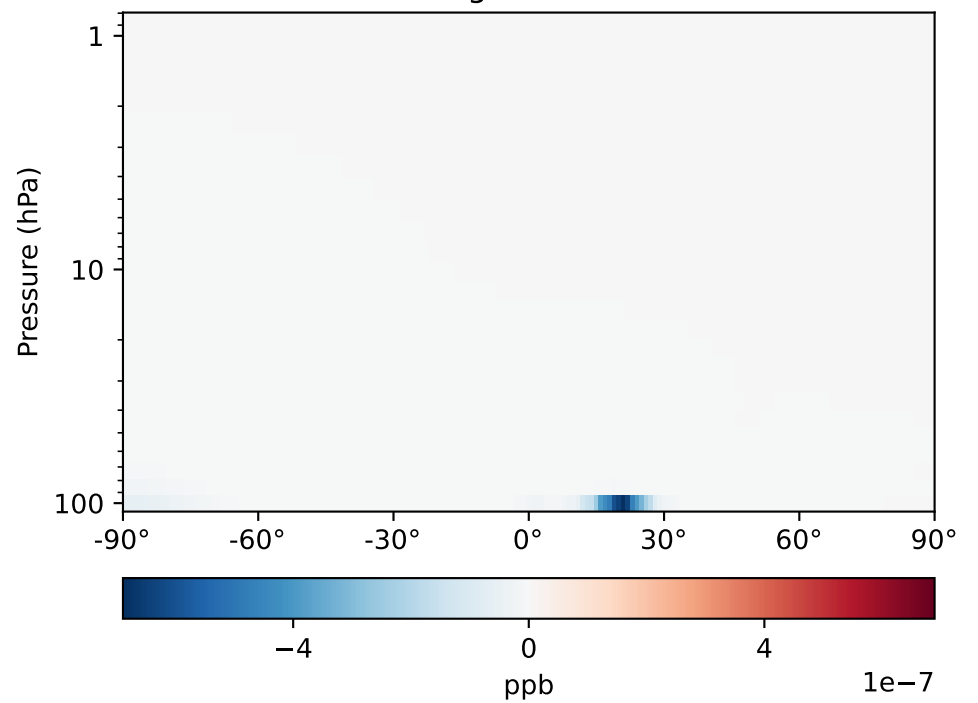


SpeciesConcVV_MPAN, Zonal Mean

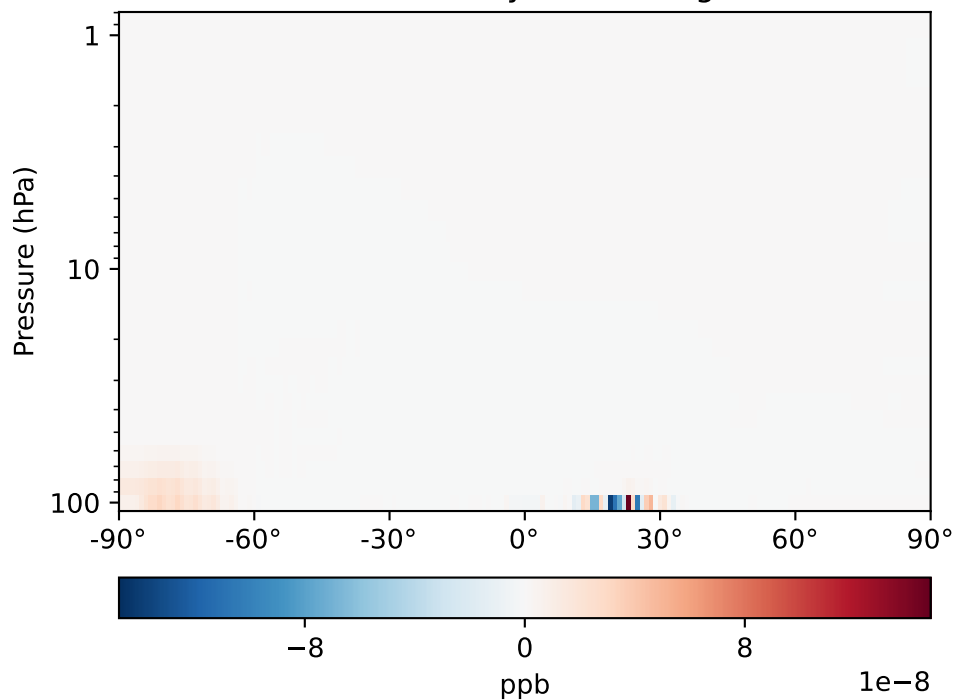
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



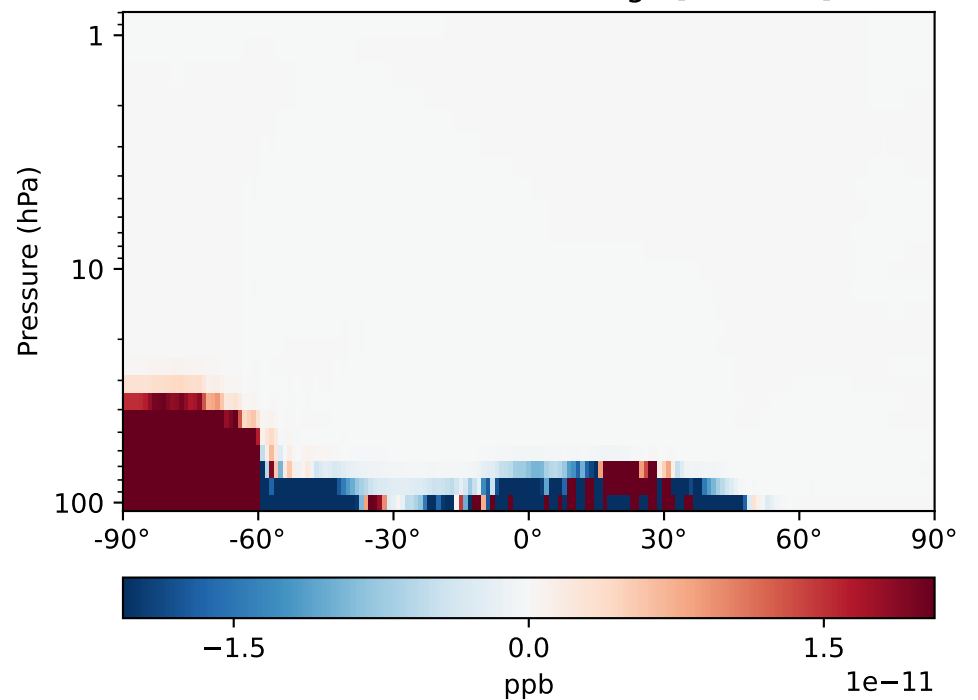
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



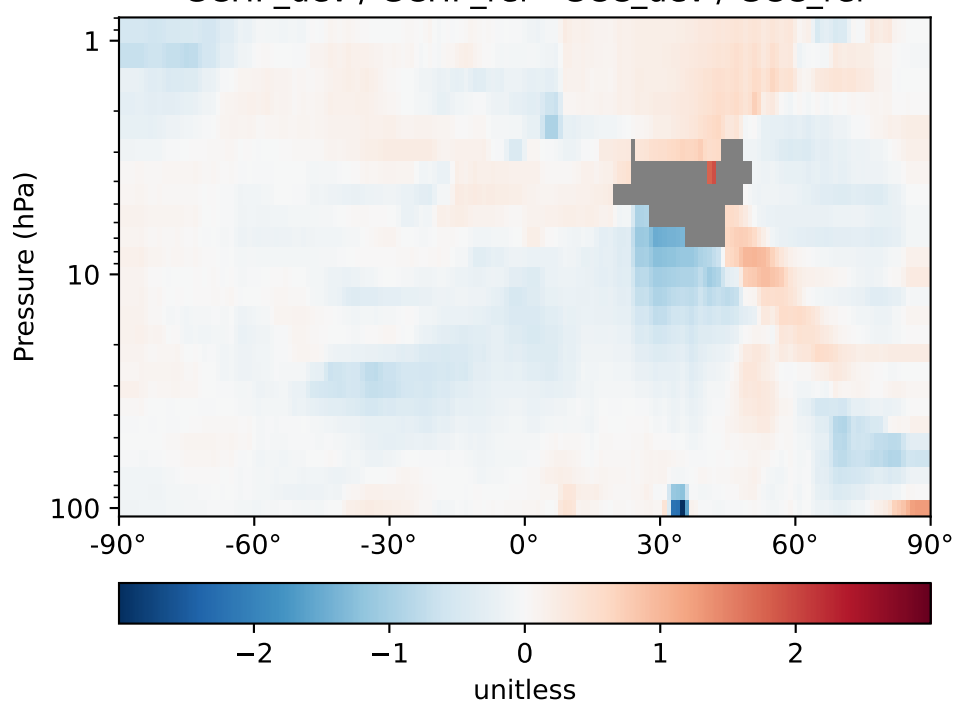
Difference (1x1.25)
Dev - Ref, Dynamic Range



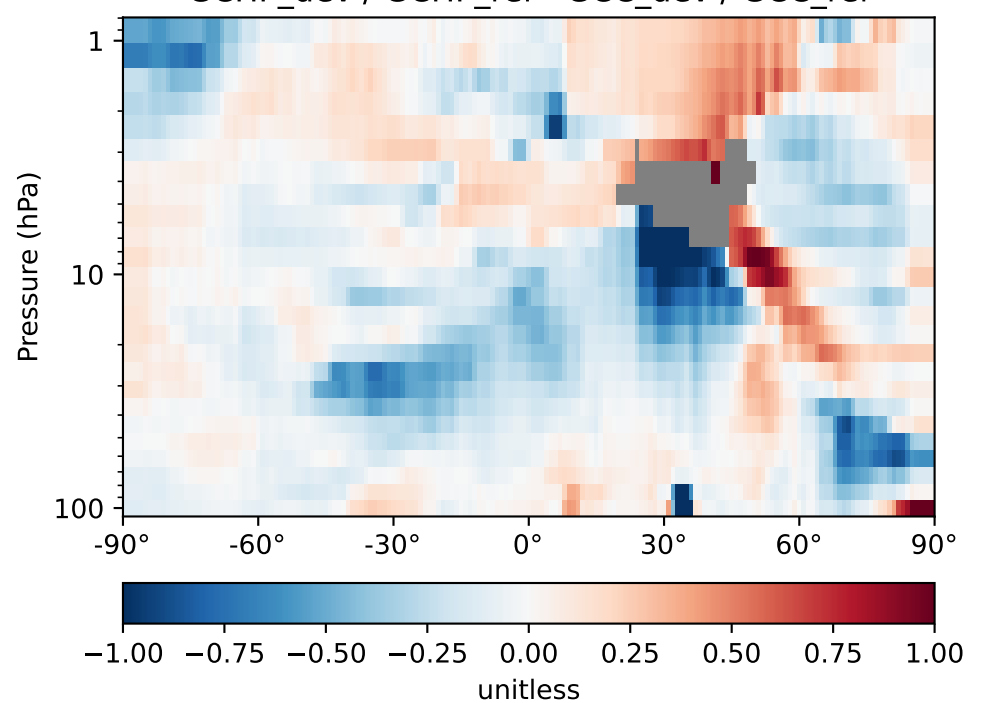
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

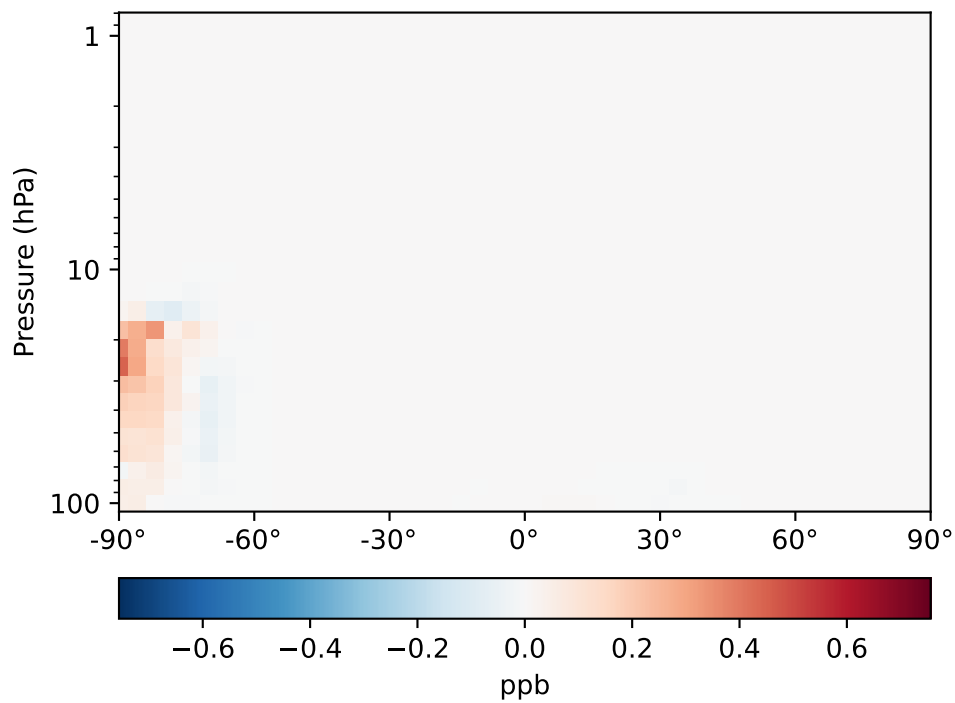


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

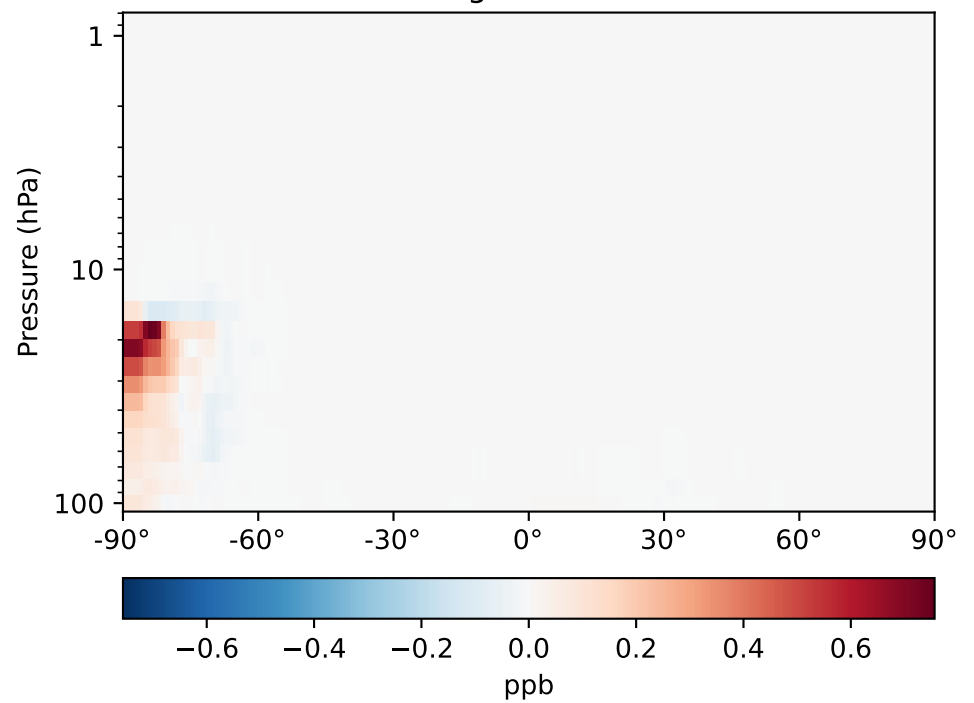


SpeciesConcVV_NIT, Zonal Mean

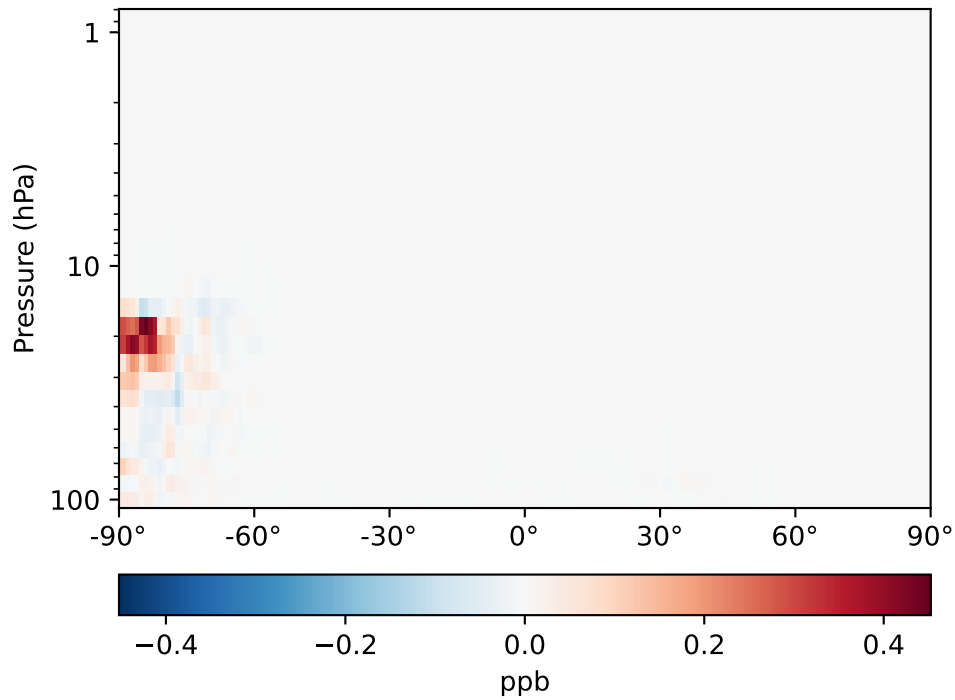
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



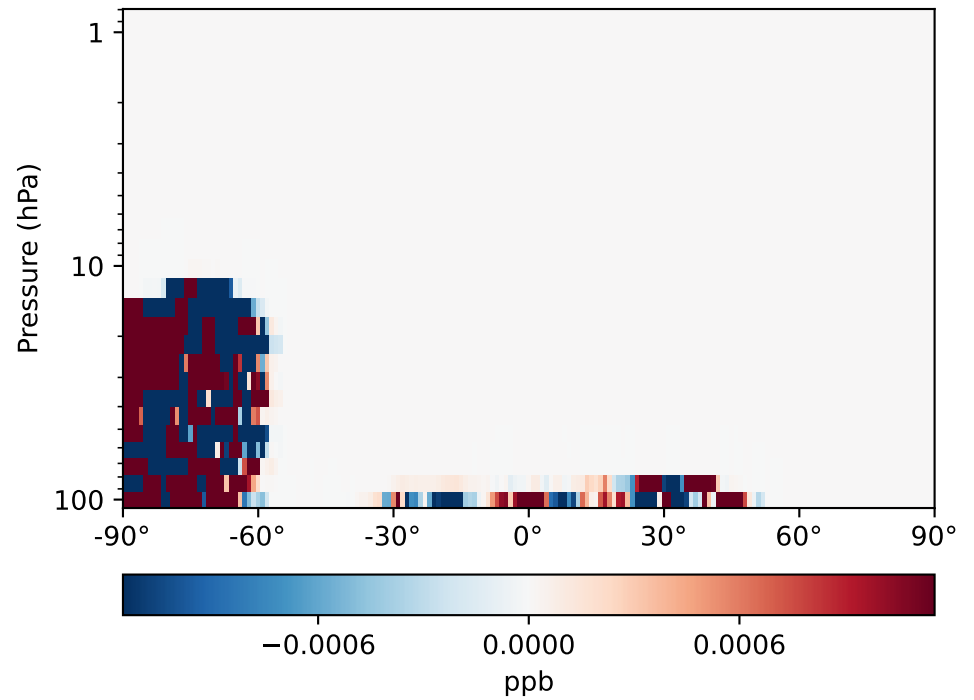
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



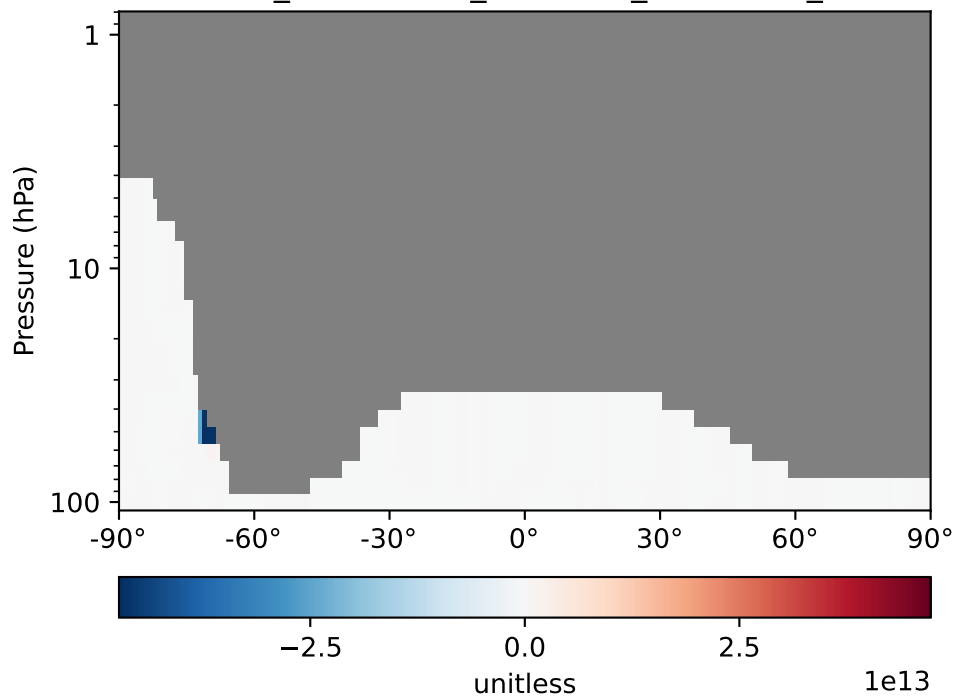
Difference (1x1.25)
Dev - Ref, Dynamic Range



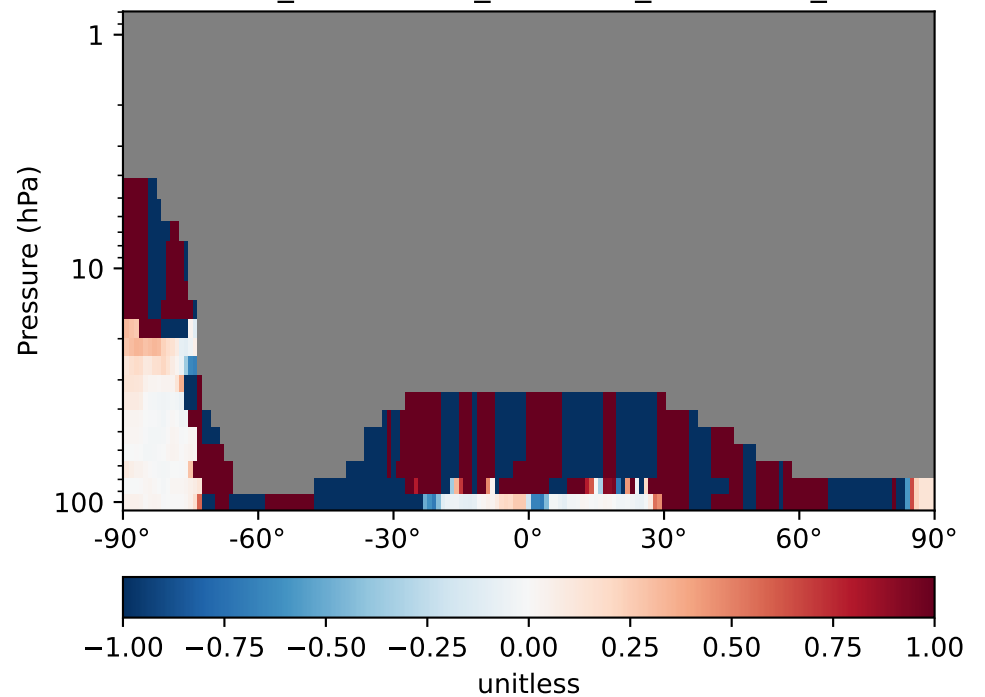
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

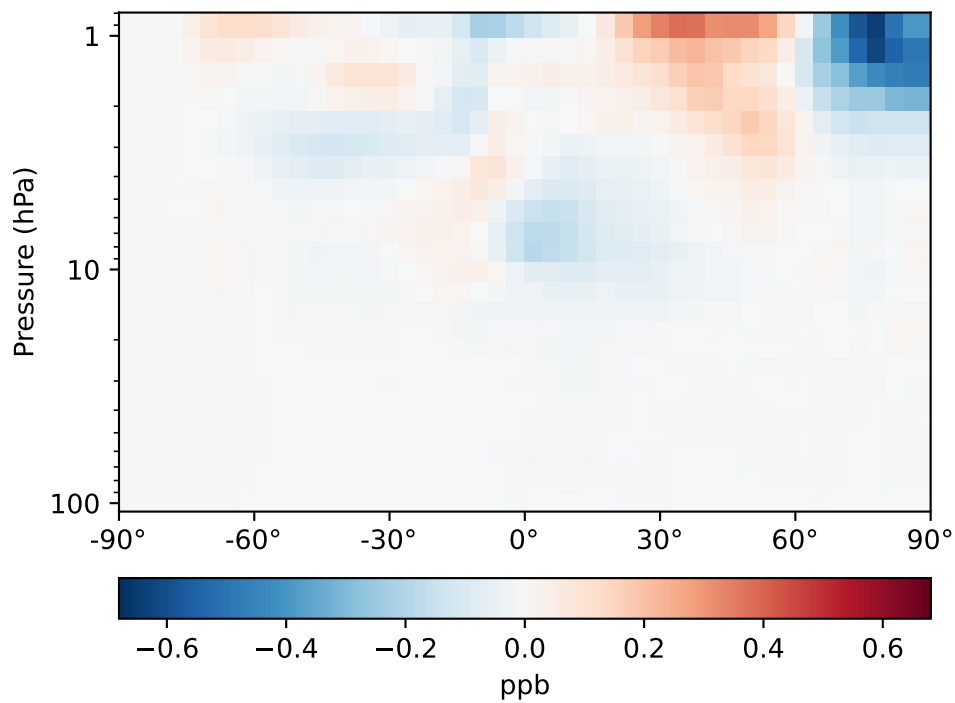


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

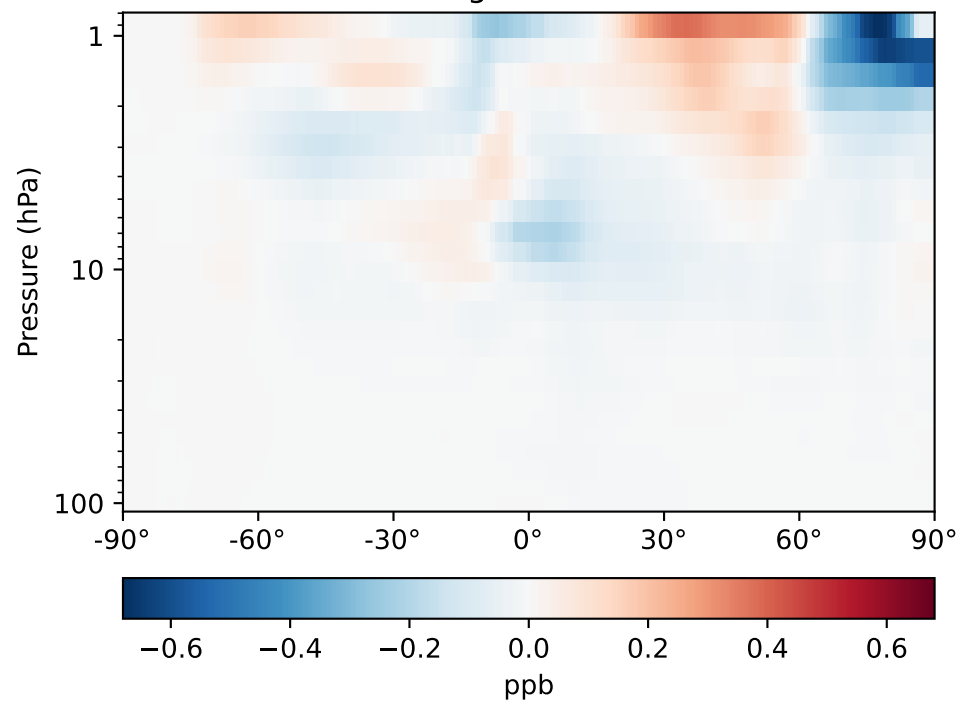


SpeciesConcVV_NO, Zonal Mean

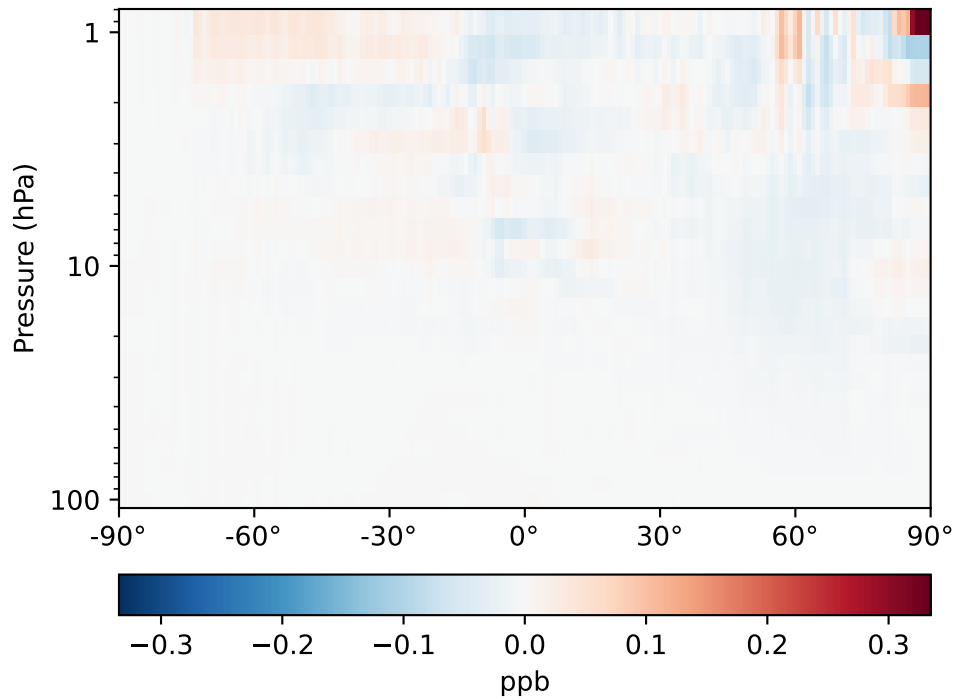
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



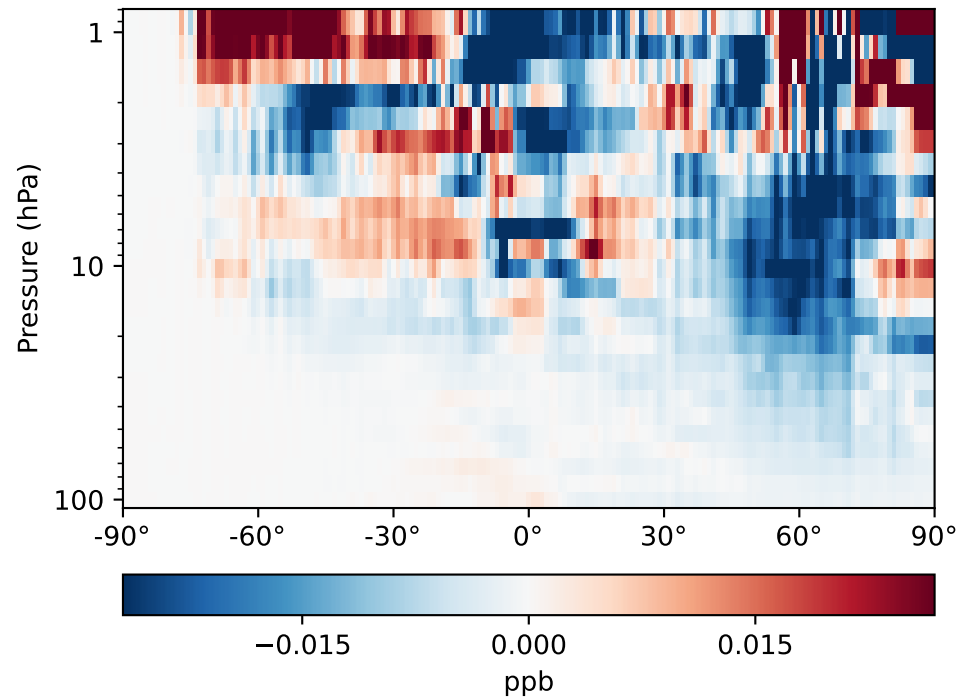
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



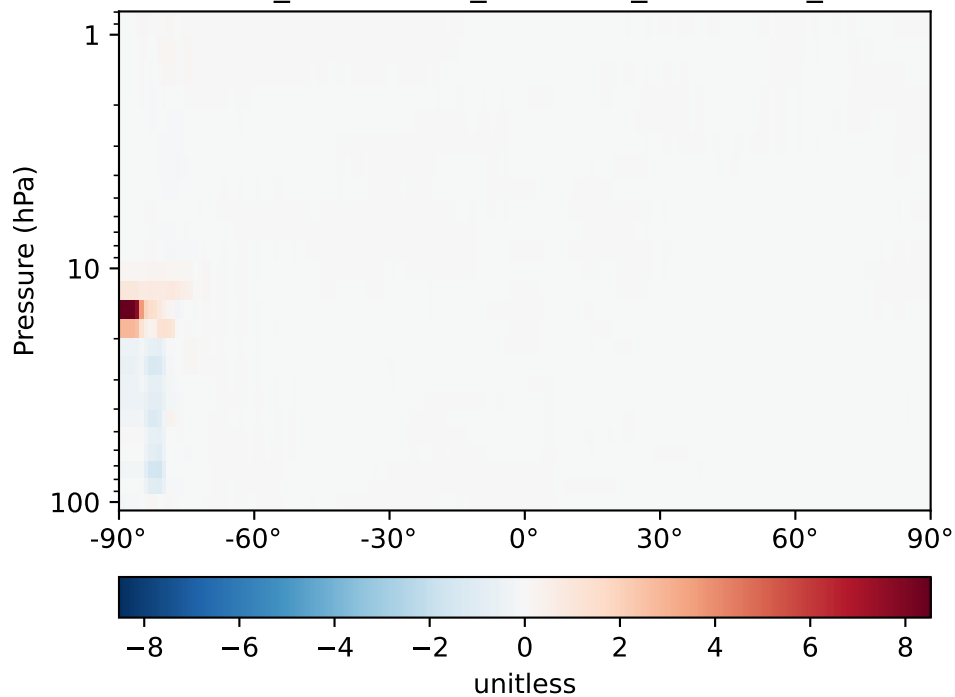
Difference (1x1.25)
Dev - Ref, Dynamic Range



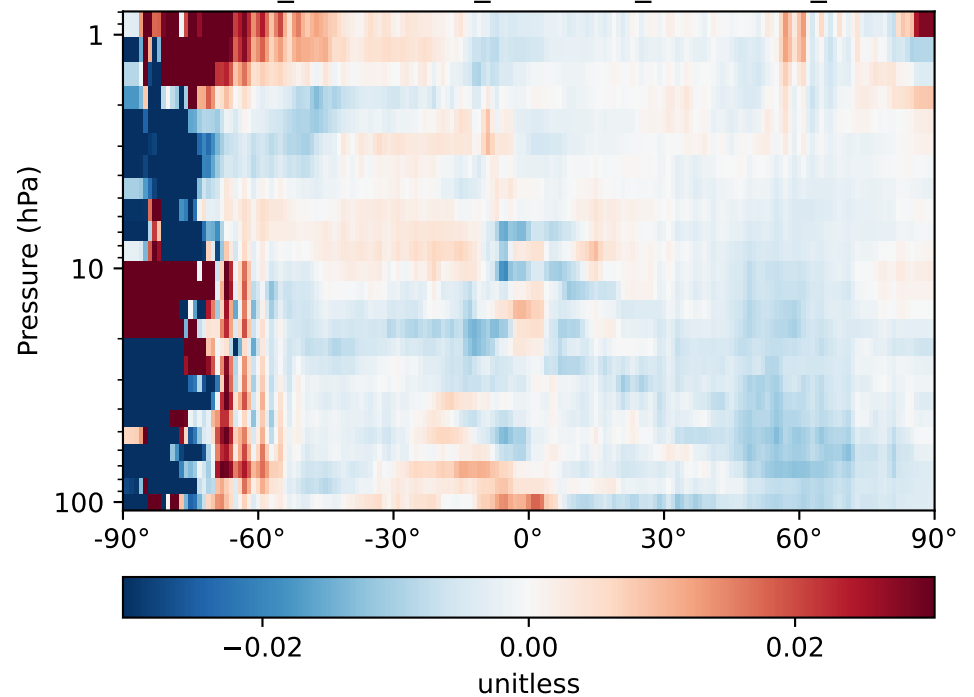
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

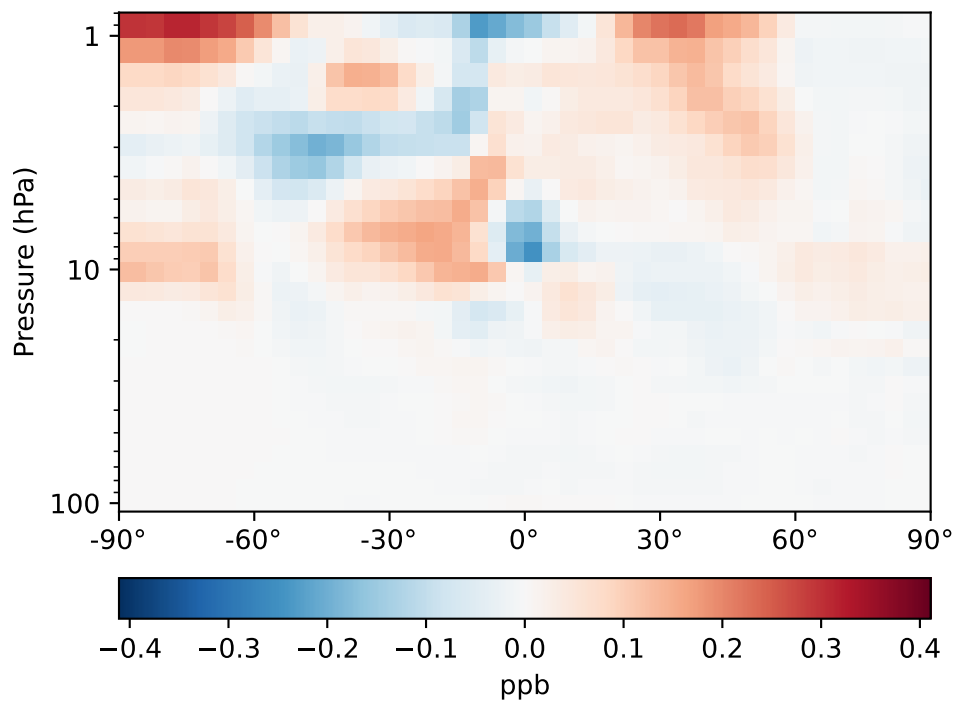


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

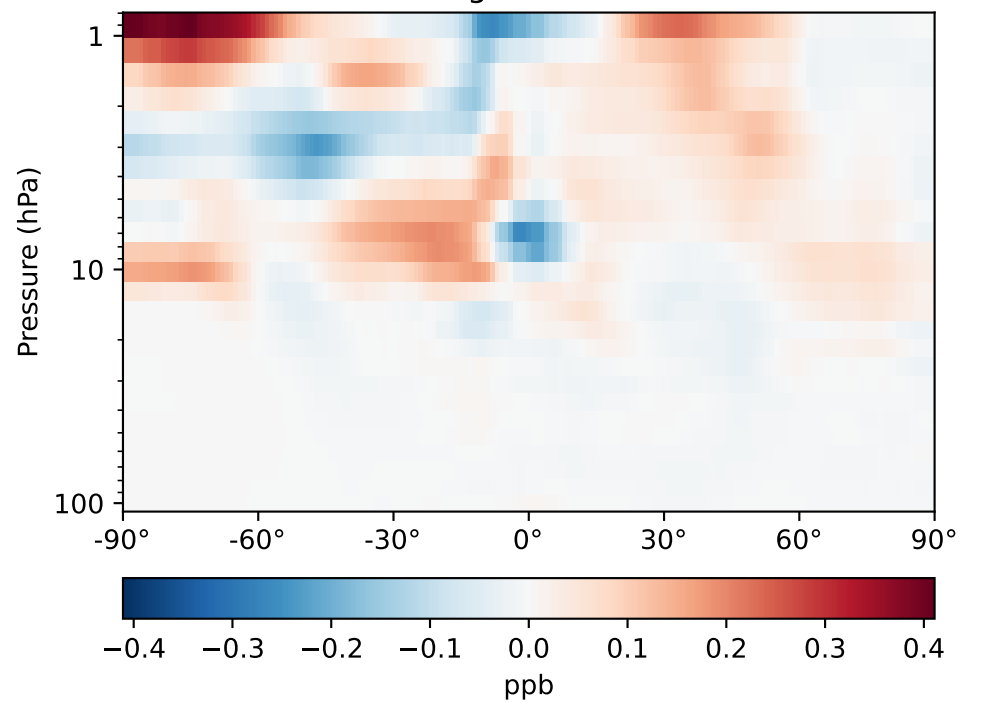


SpeciesConcVV_NO2, Zonal Mean

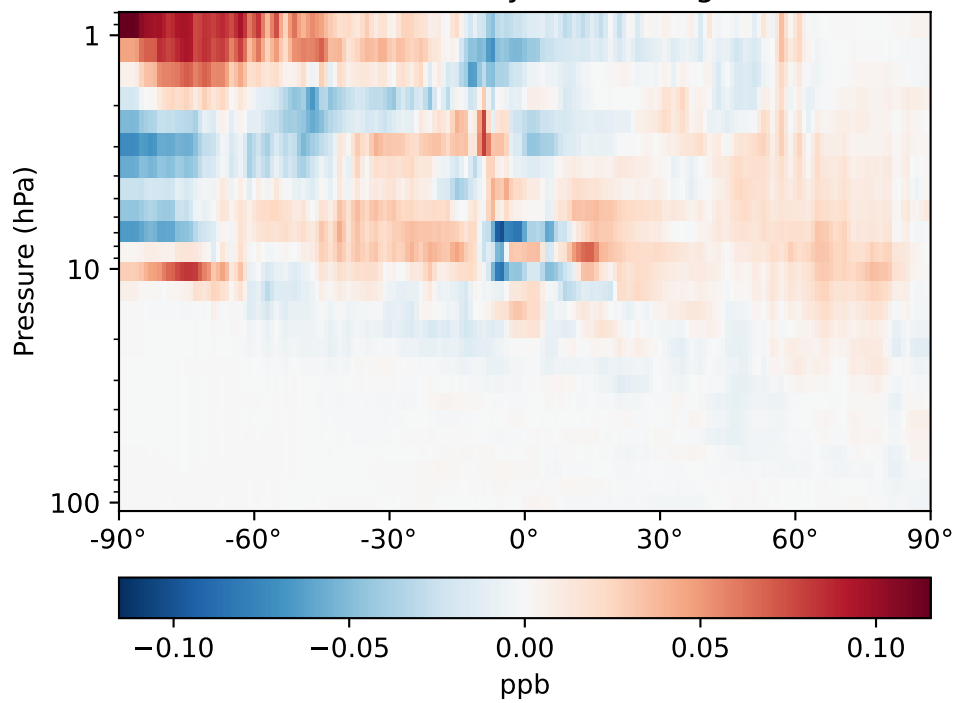
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



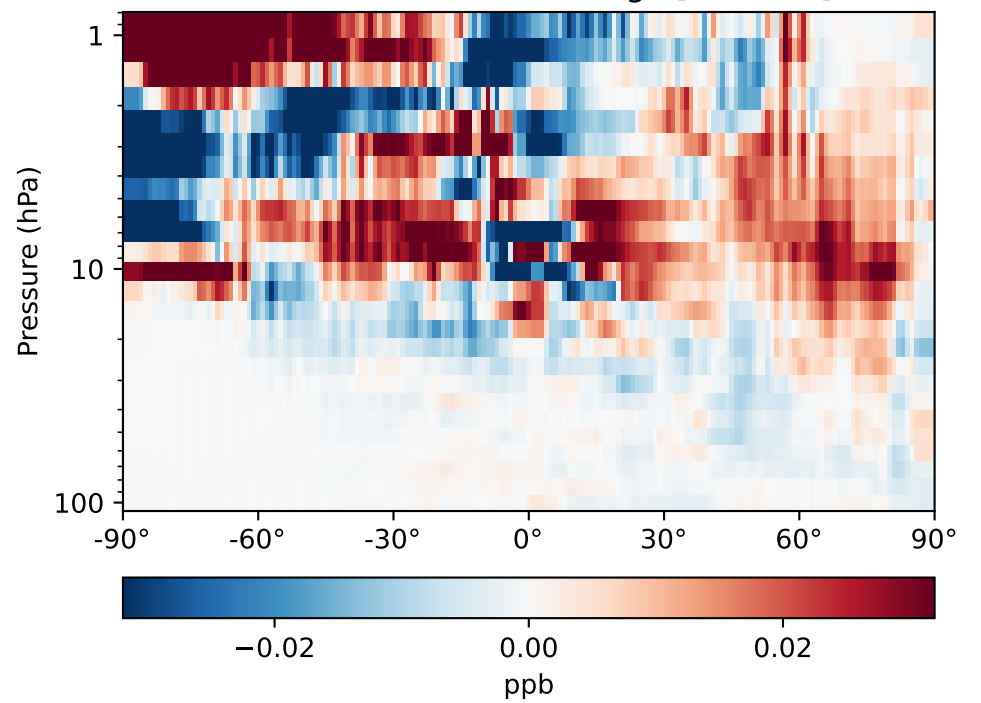
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



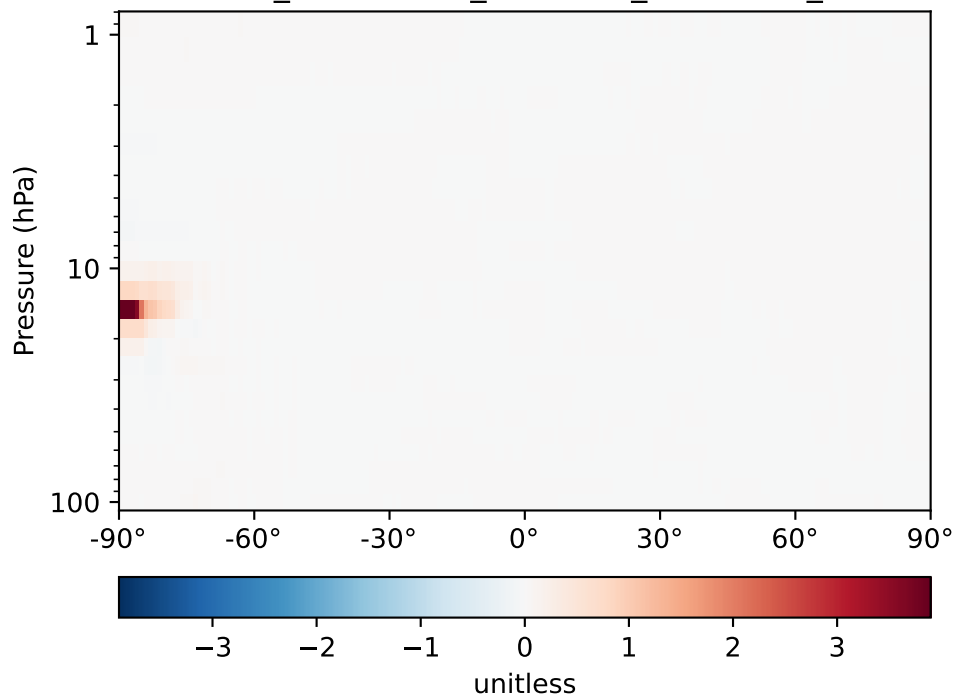
Difference (1x1.25)
Dev - Ref, Dynamic Range



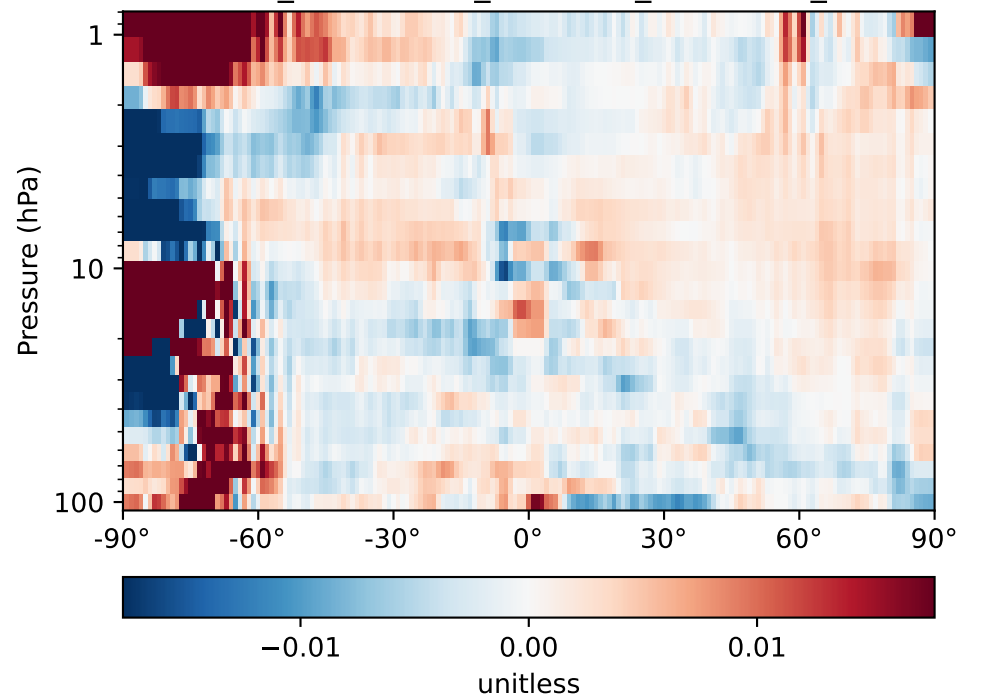
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

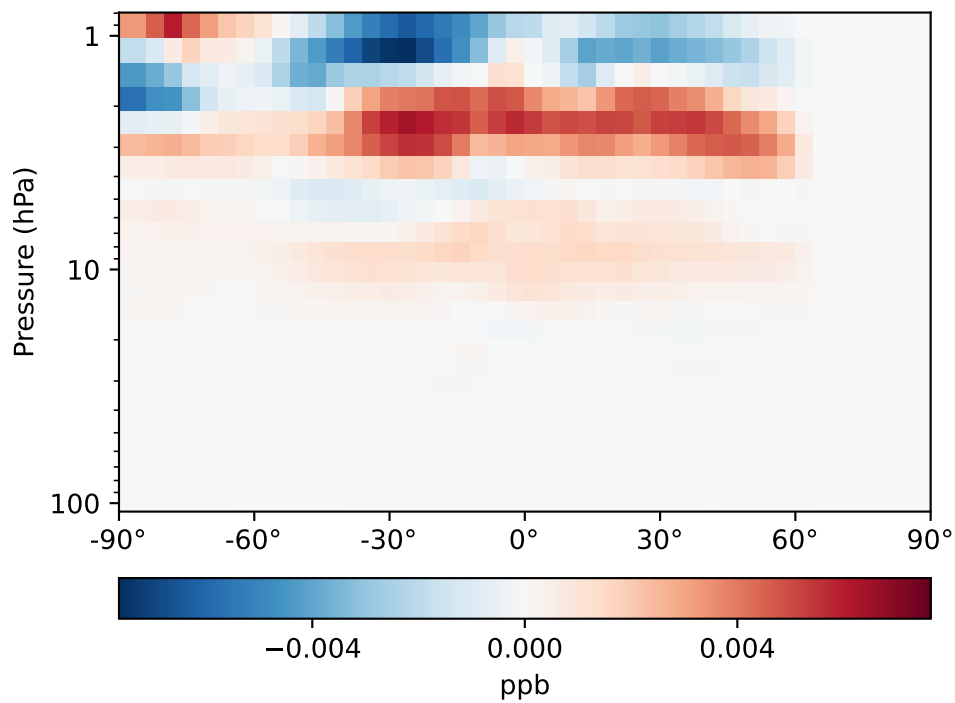


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

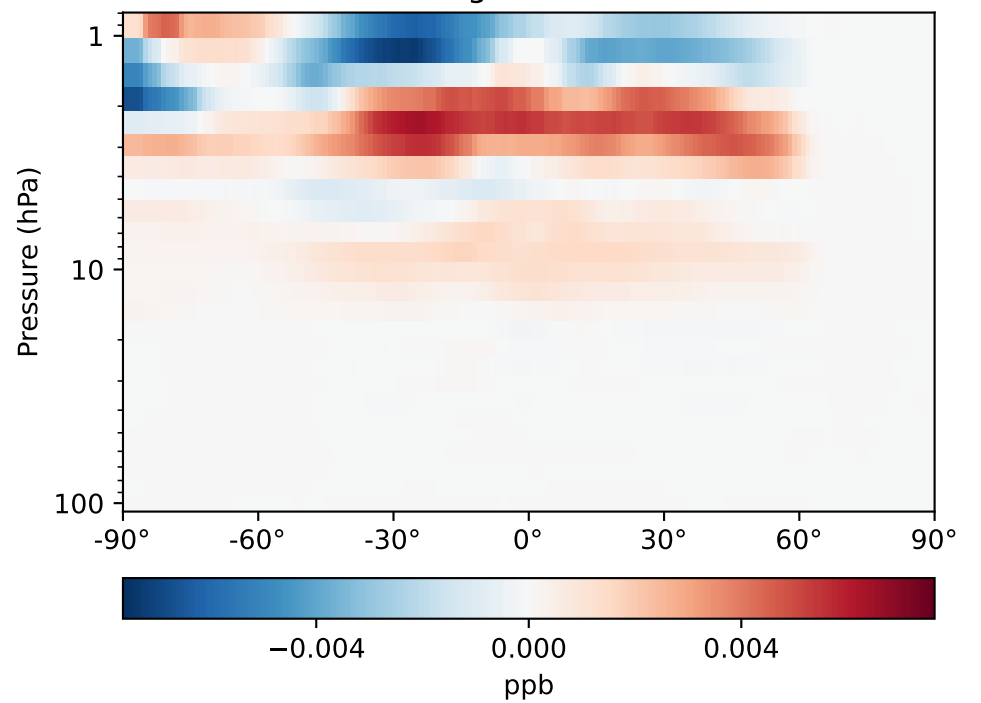


SpeciesConcVV_NO3, Zonal Mean

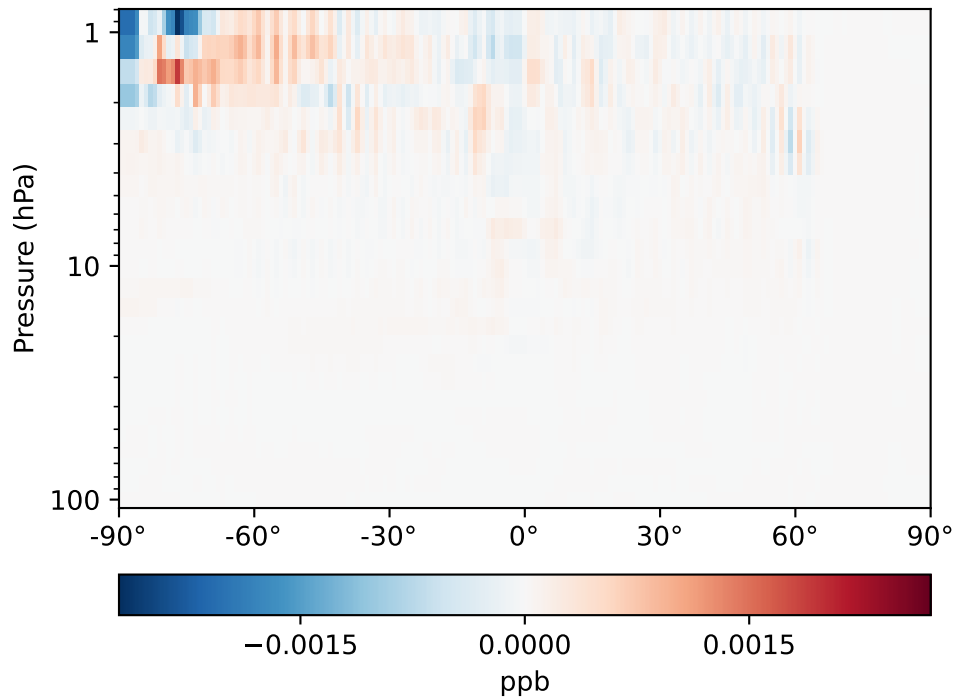
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



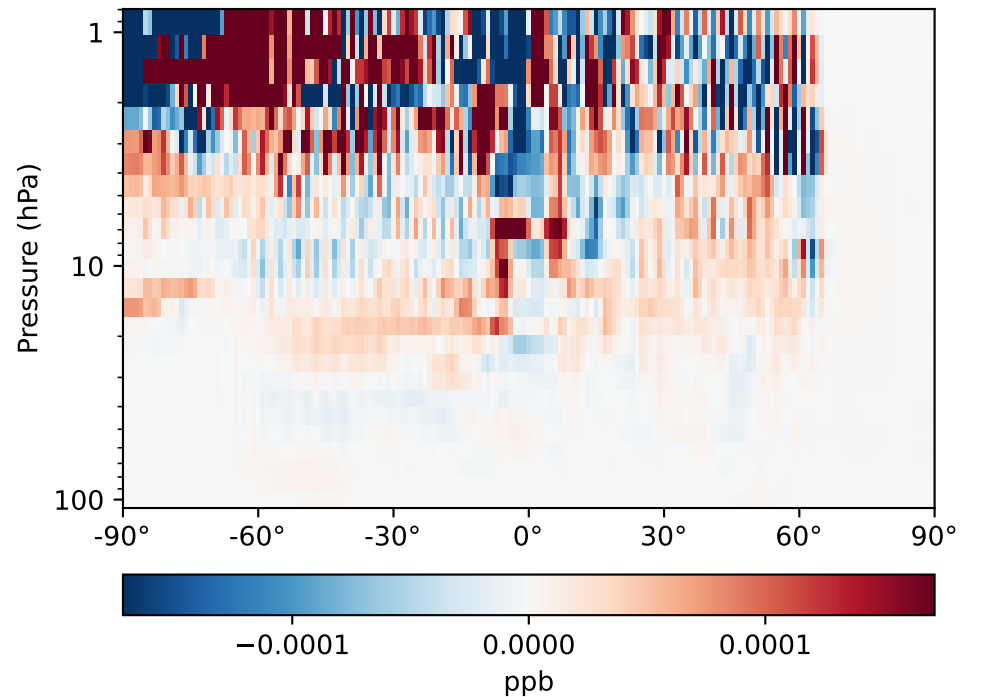
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



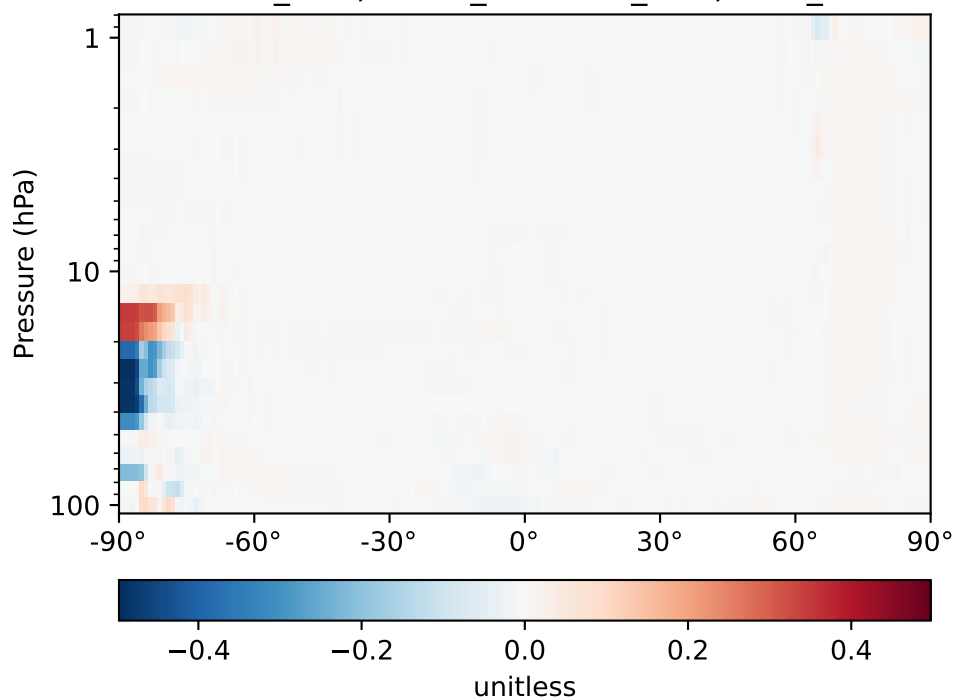
Difference (1x1.25)
Dev - Ref, Dynamic Range



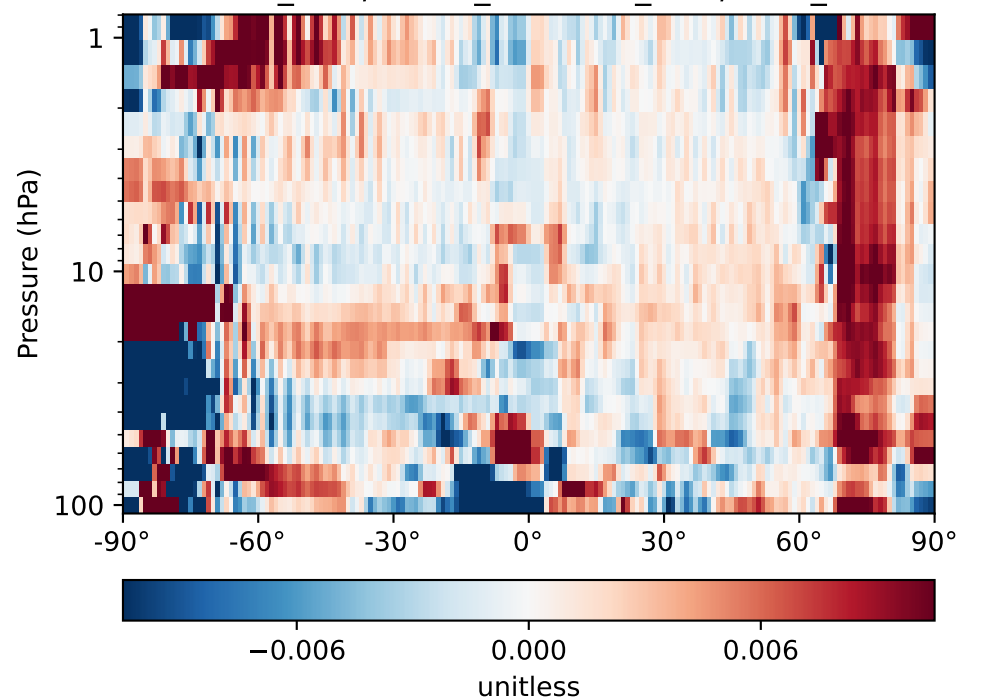
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

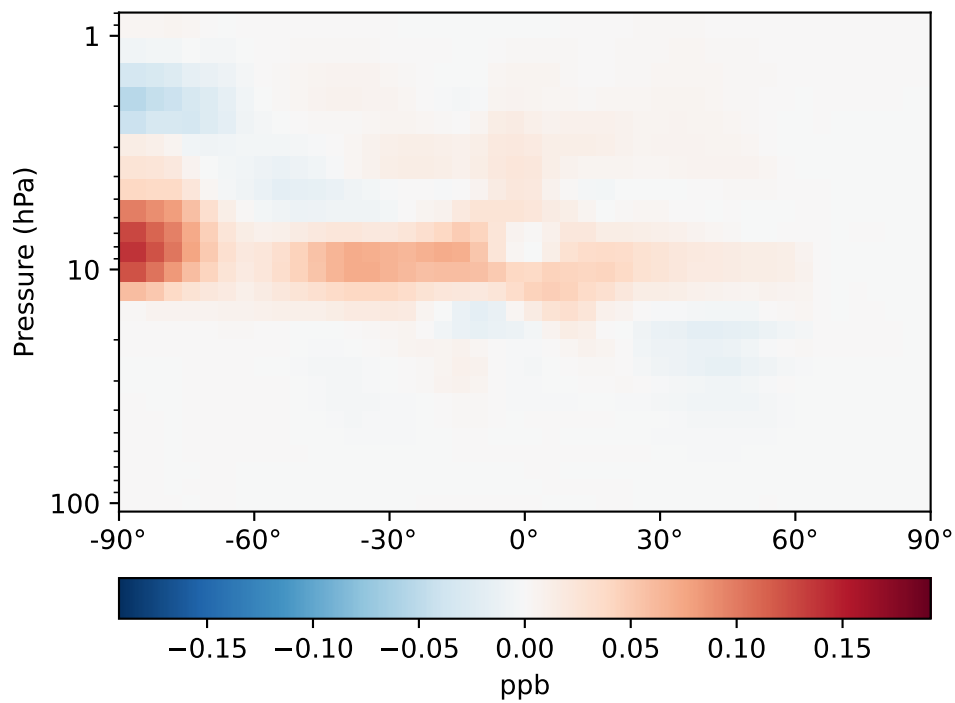


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

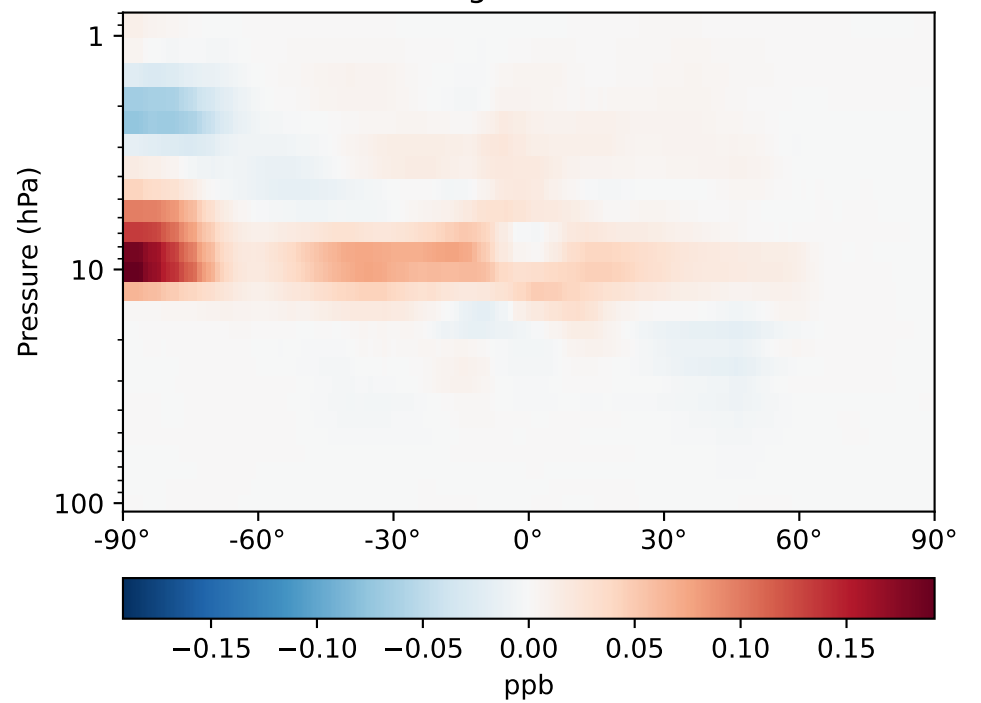


SpeciesConcVV_N2O5, Zonal Mean

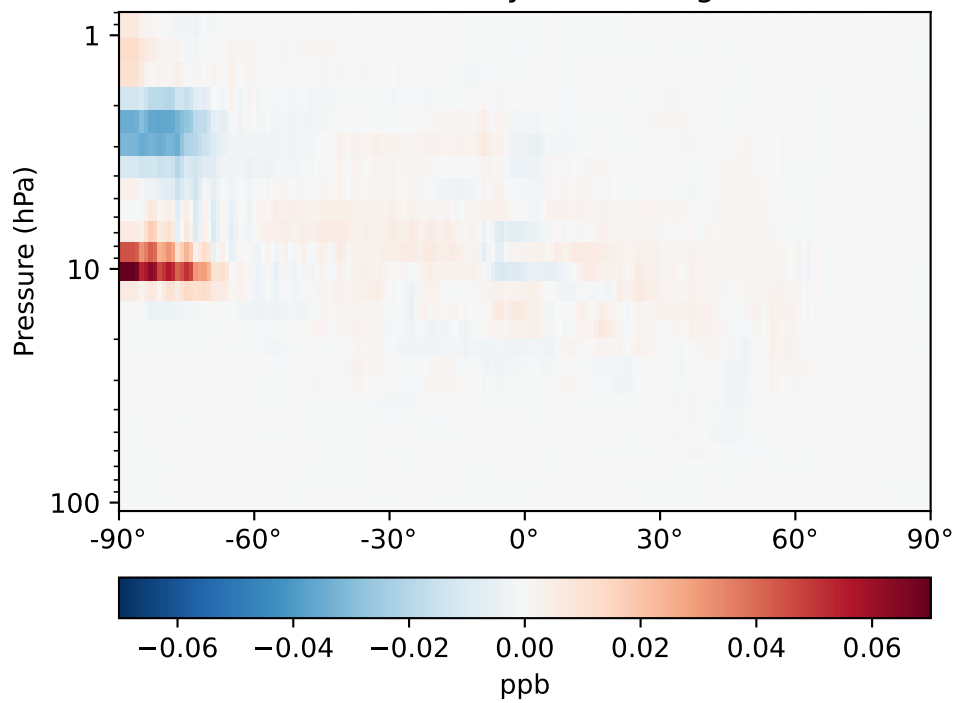
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



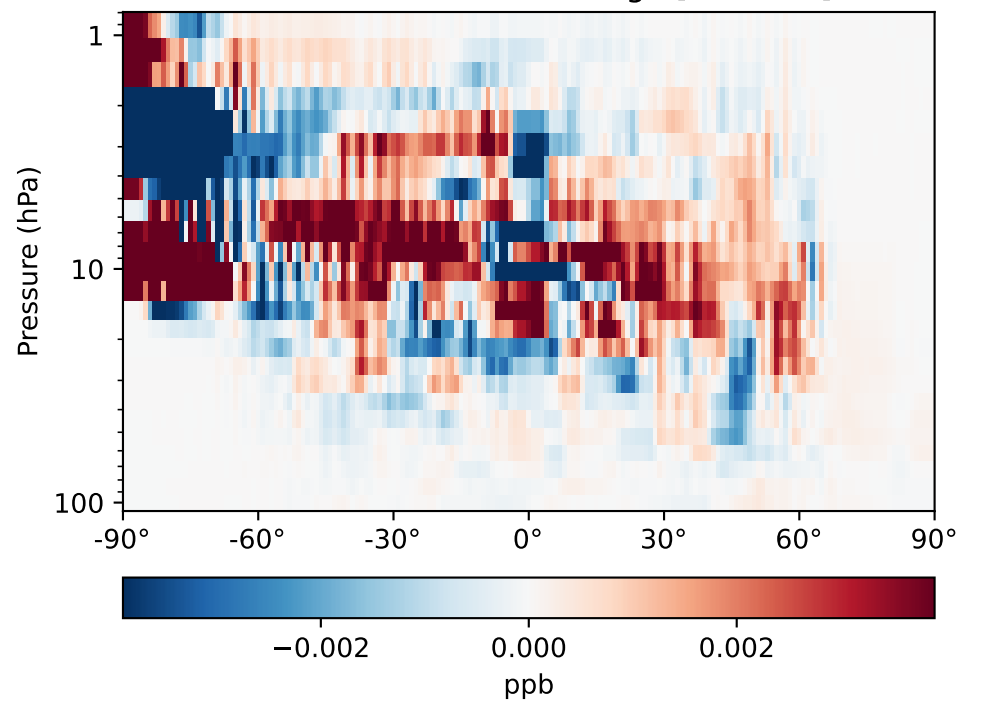
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



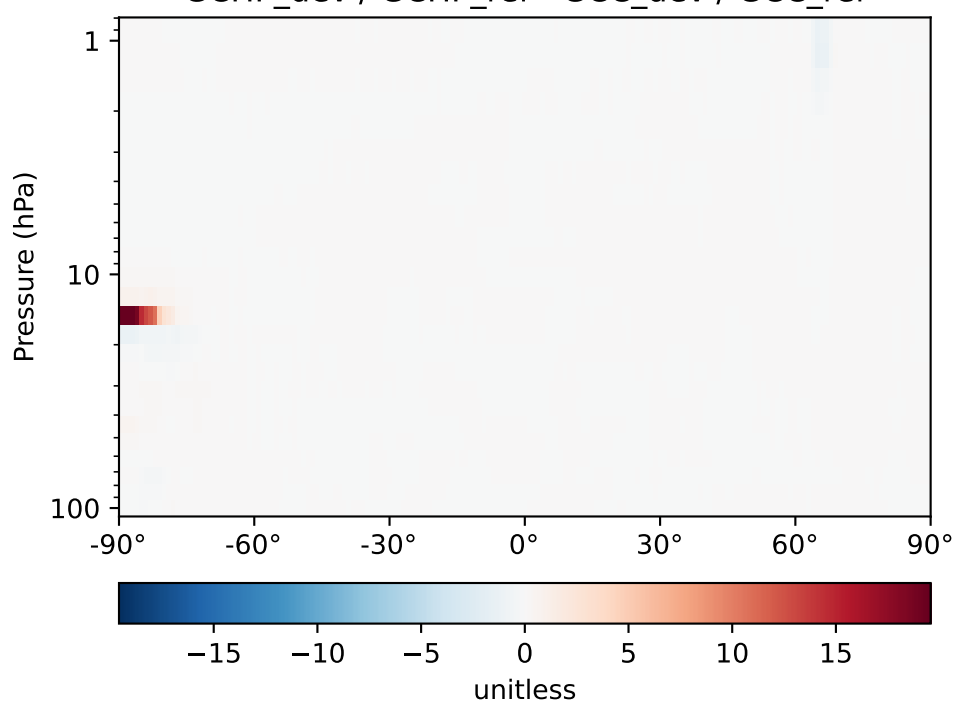
Difference (1x1.25)
Dev - Ref, Dynamic Range



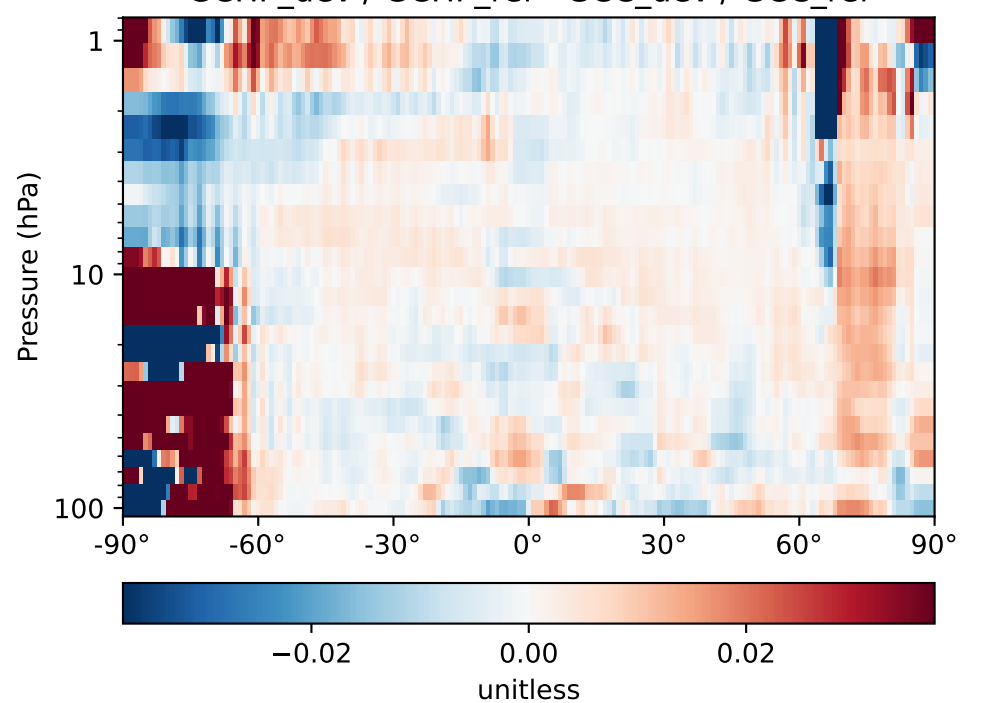
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

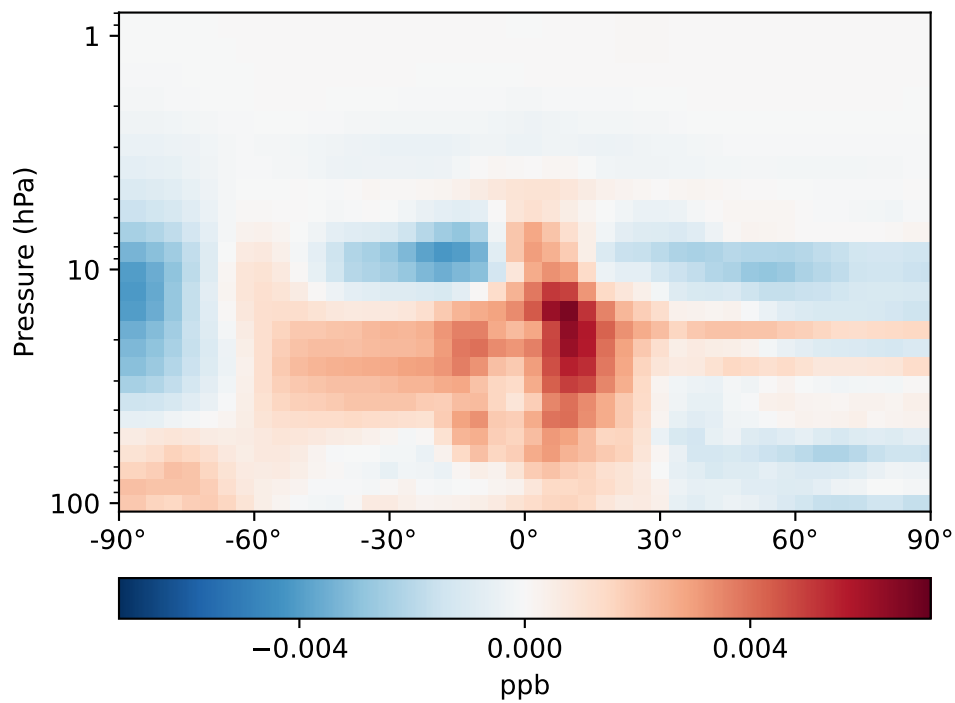


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

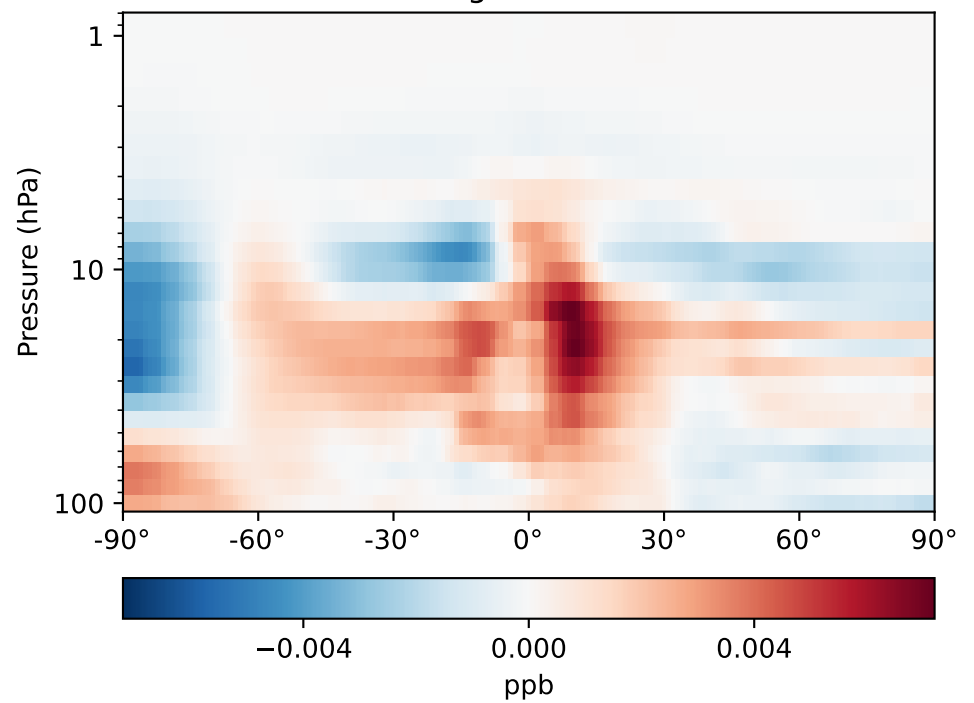


SpeciesConcVV_MPN, Zonal Mean

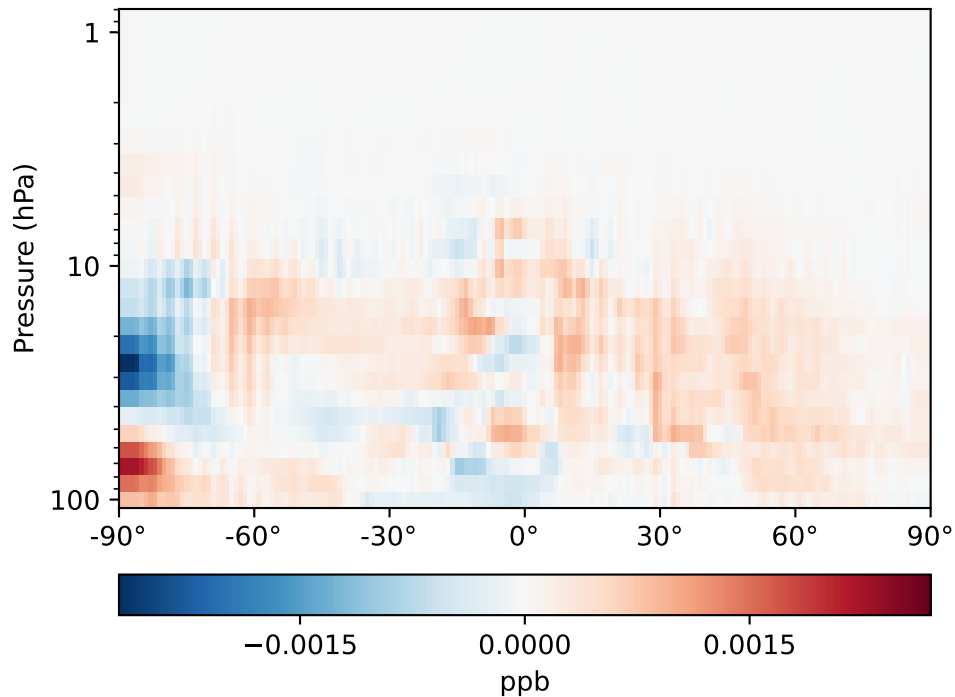
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



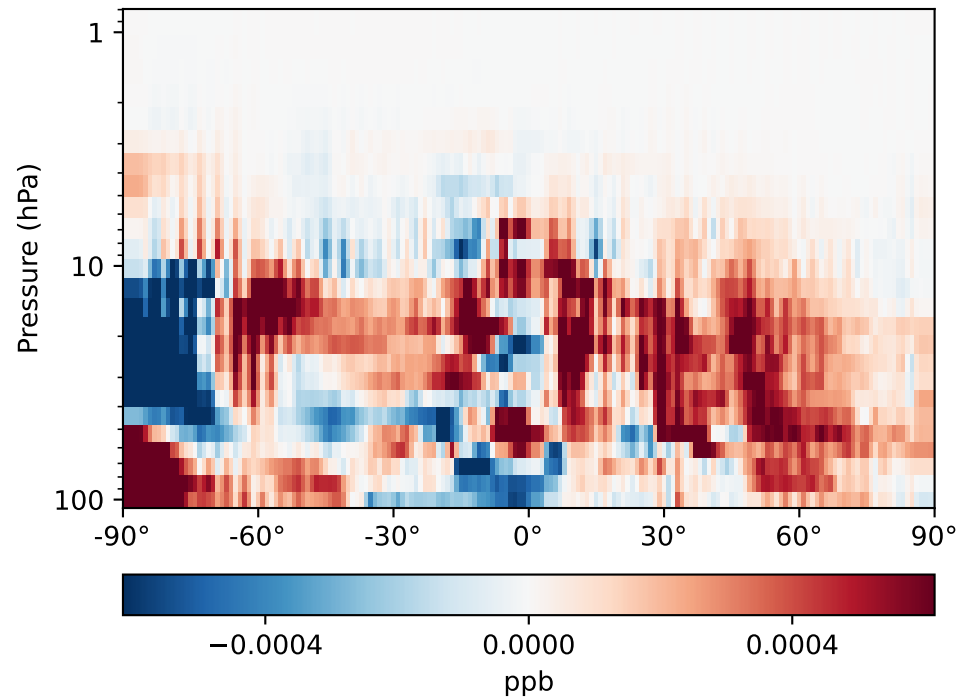
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



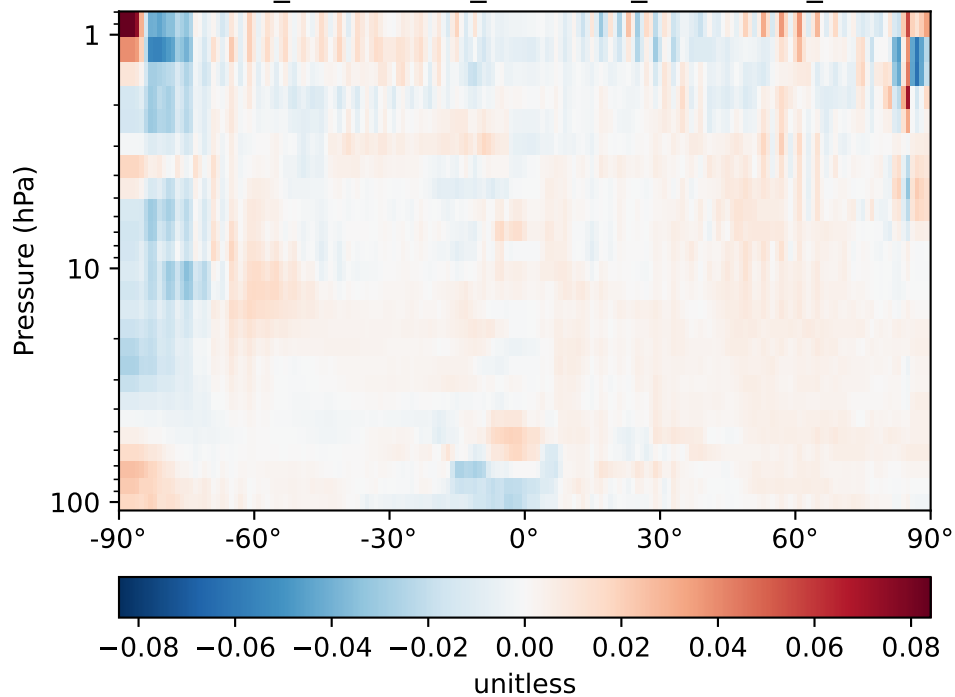
Difference (1x1.25)
Dev - Ref, Dynamic Range



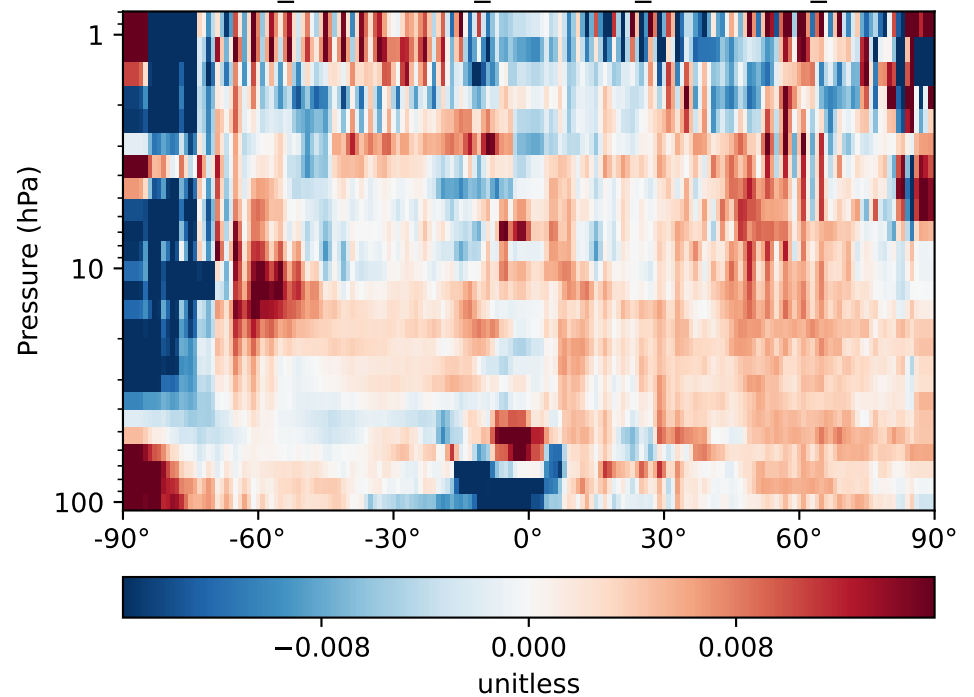
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

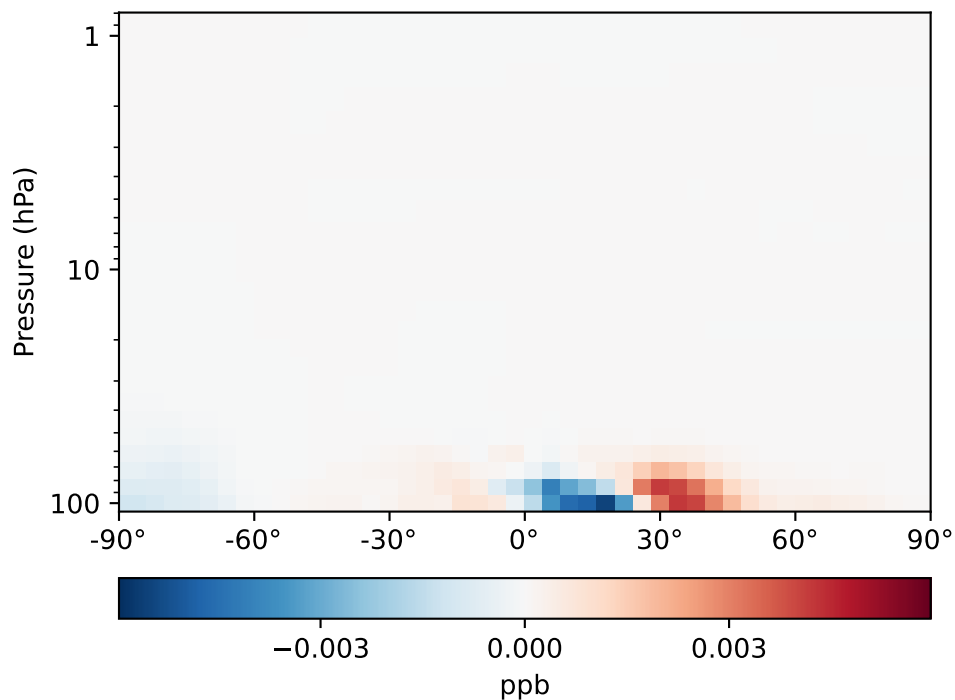


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

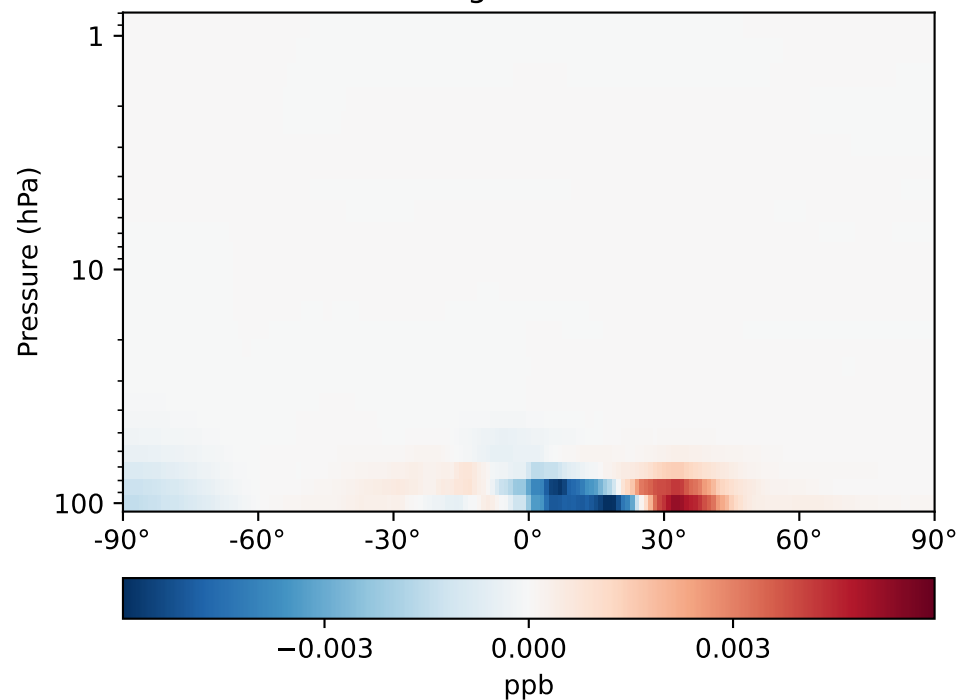


SpeciesConcVV_PAN, Zonal Mean

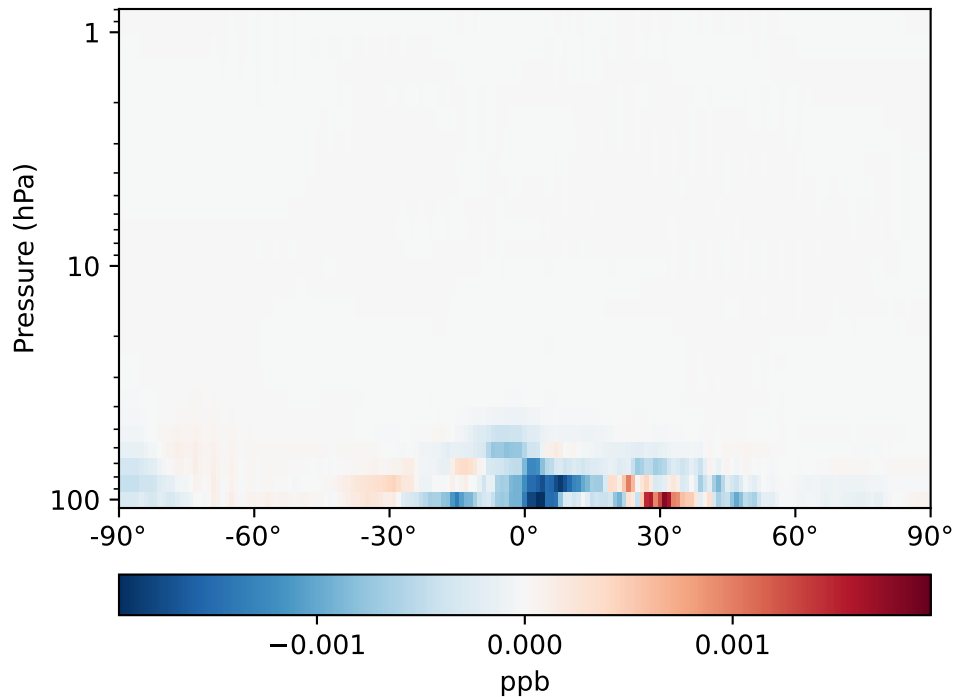
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



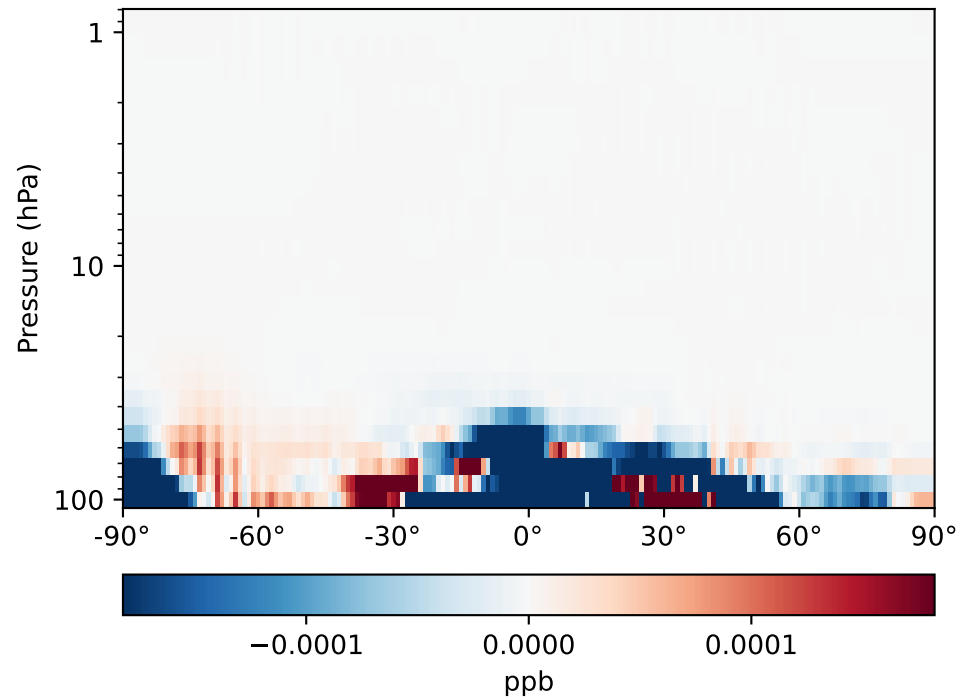
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



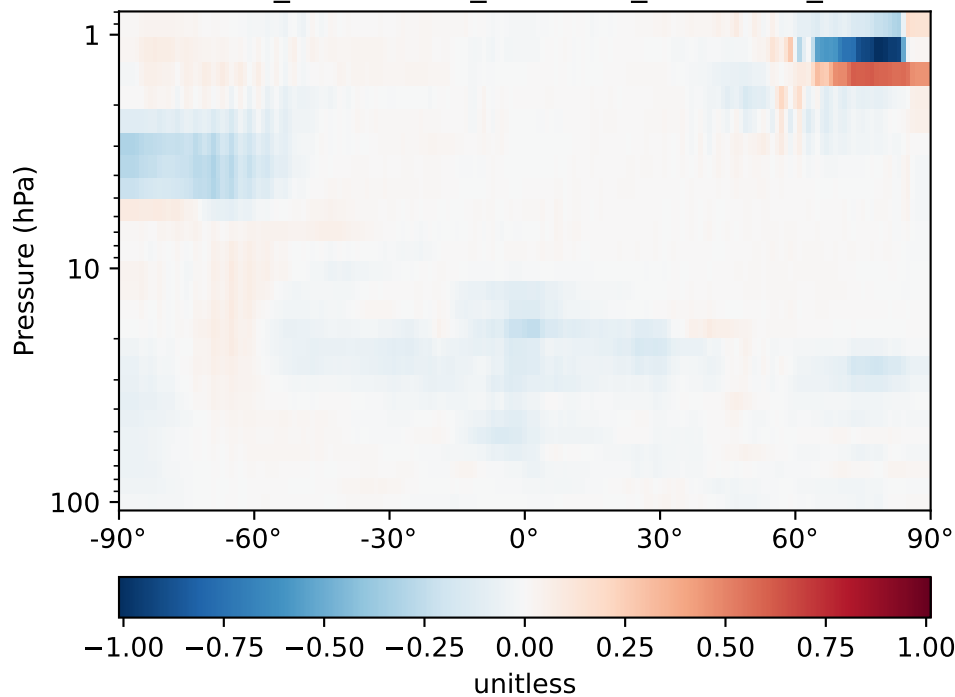
Difference (1x1.25)
Dev - Ref, Dynamic Range



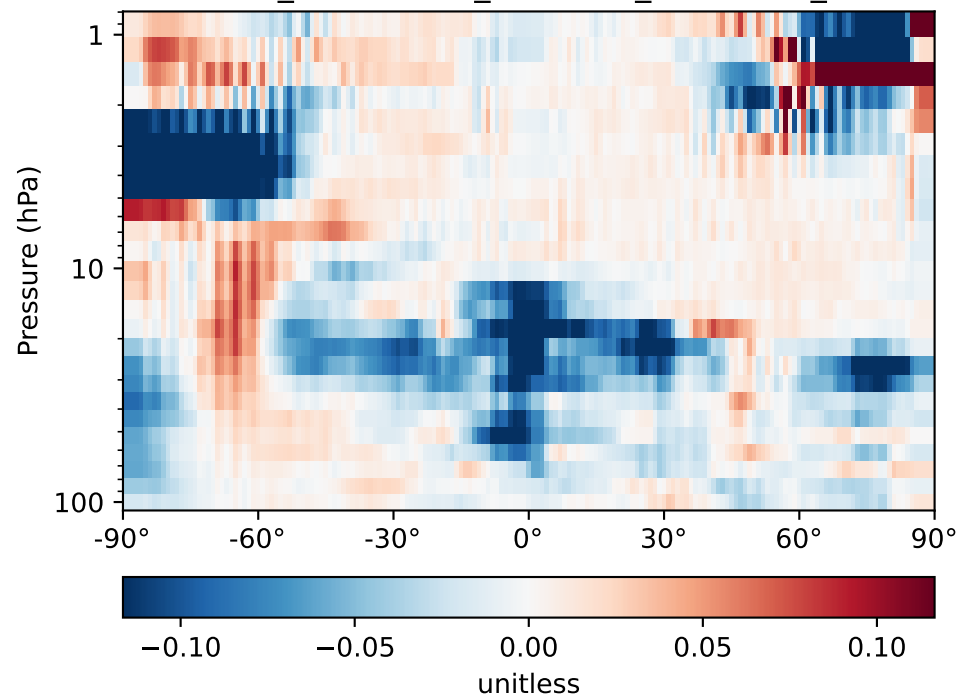
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

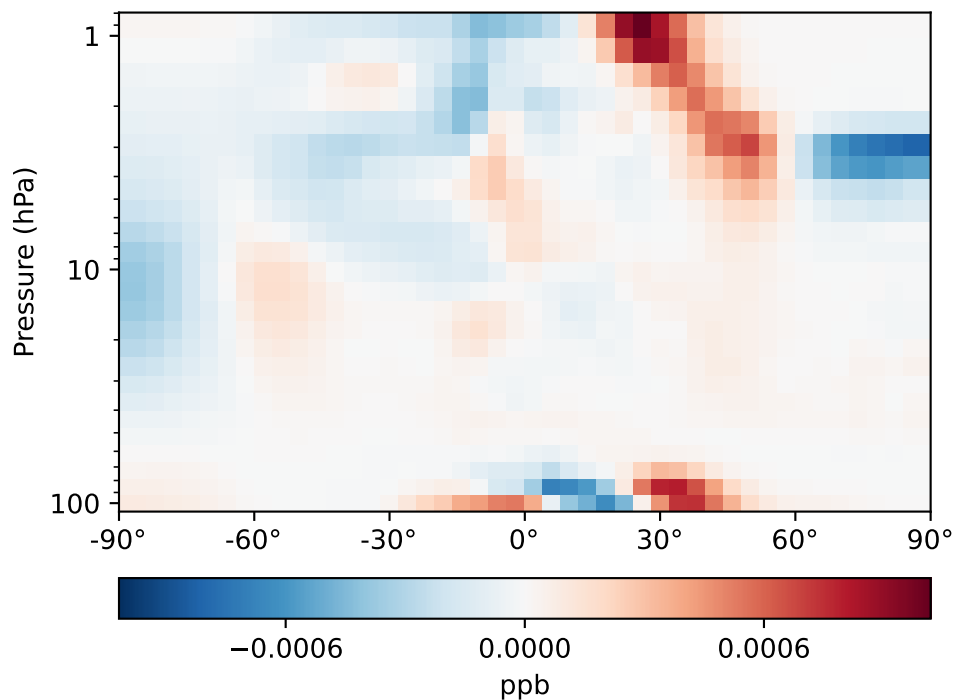


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

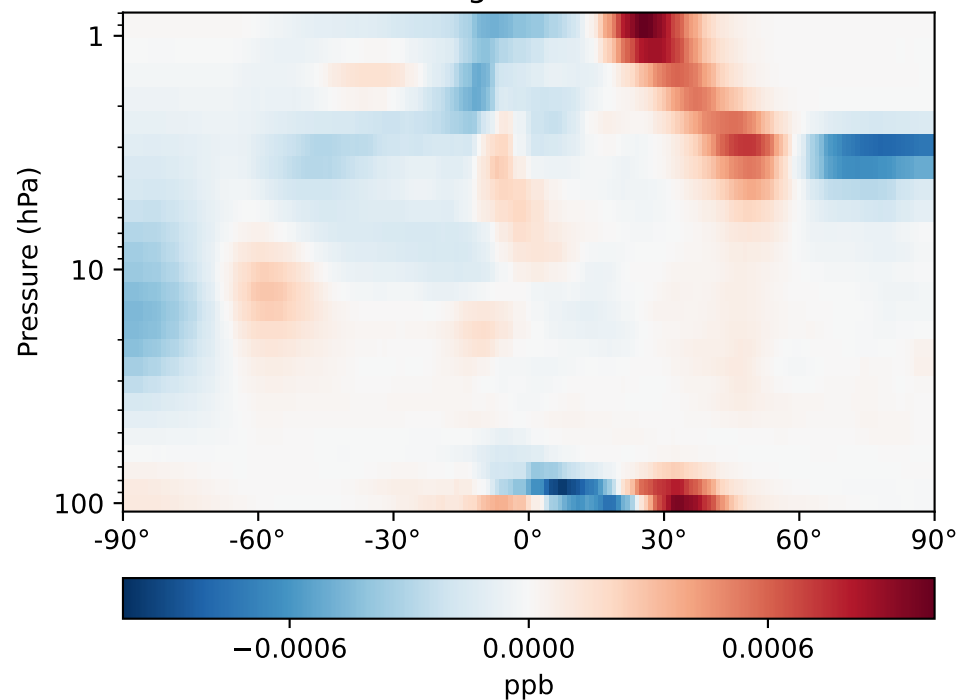


SpeciesConcVV_PPN, Zonal Mean

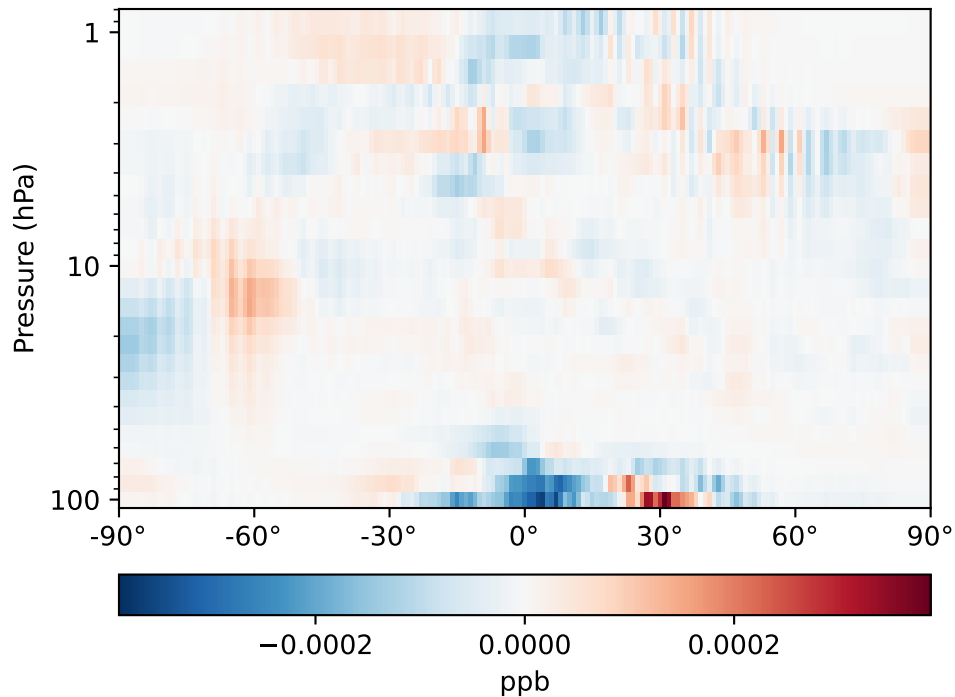
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



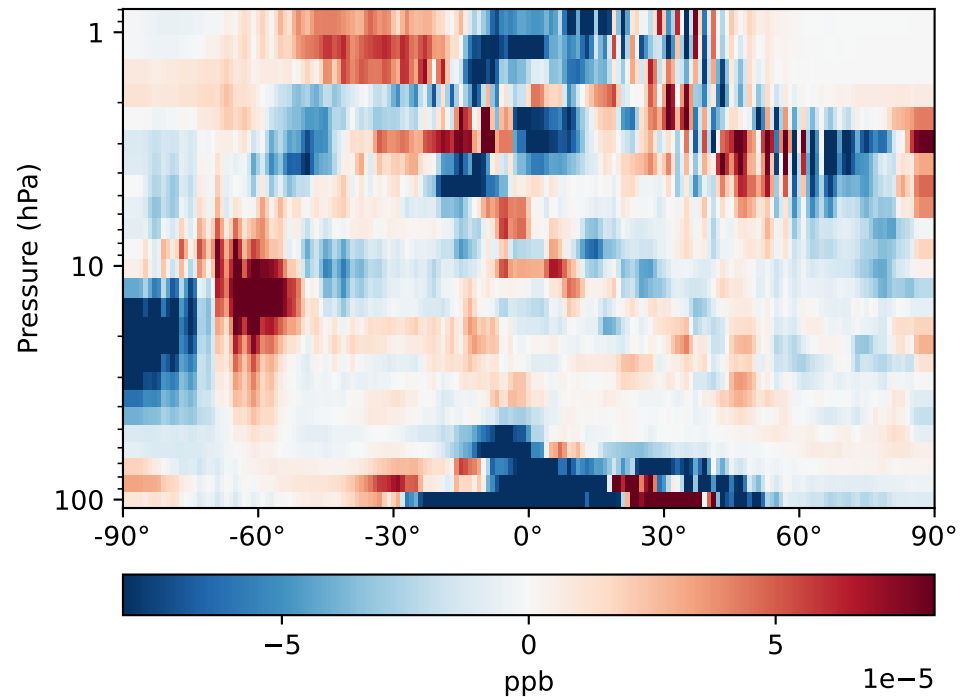
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



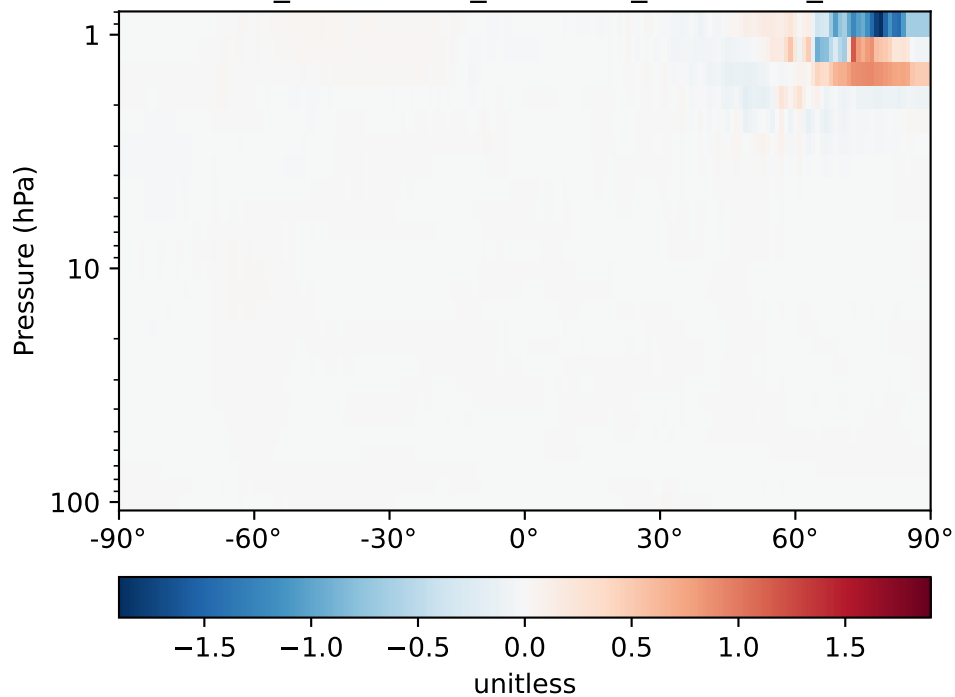
Difference (1x1.25)
Dev - Ref, Dynamic Range



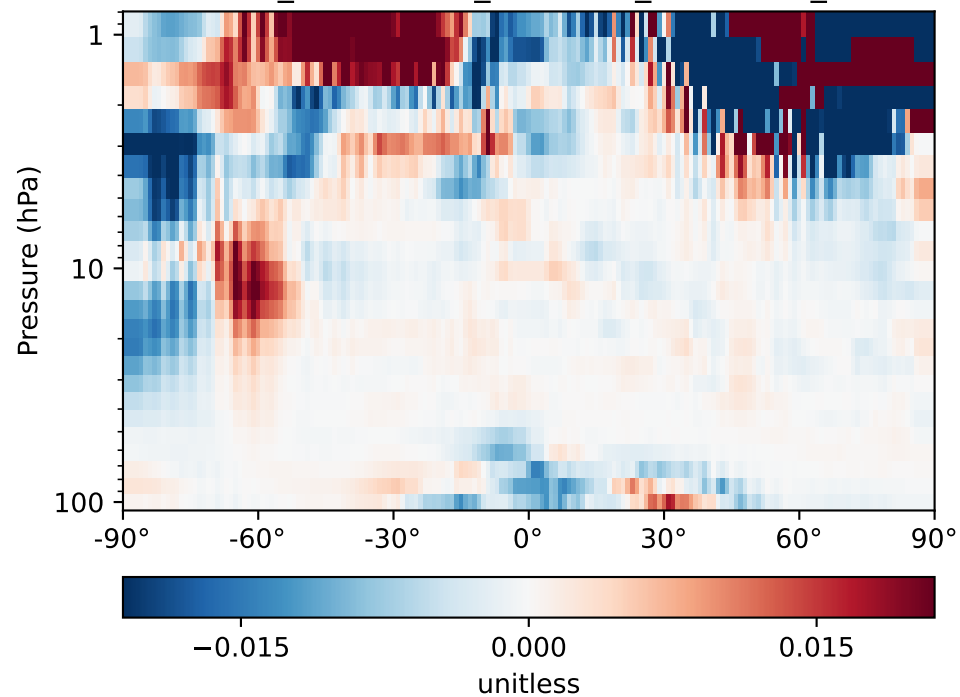
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

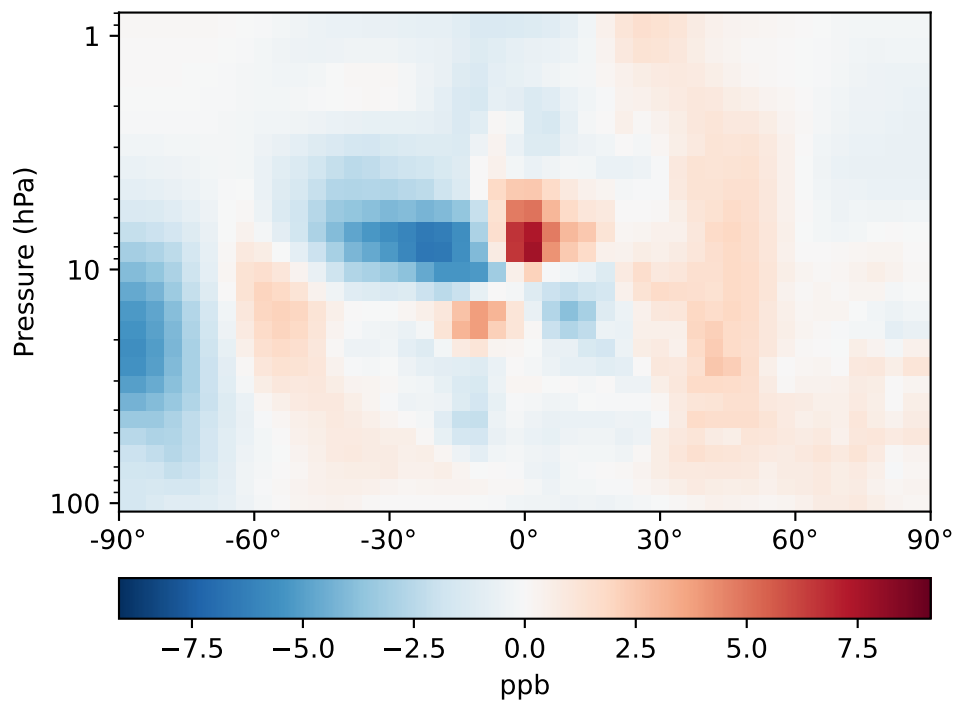


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

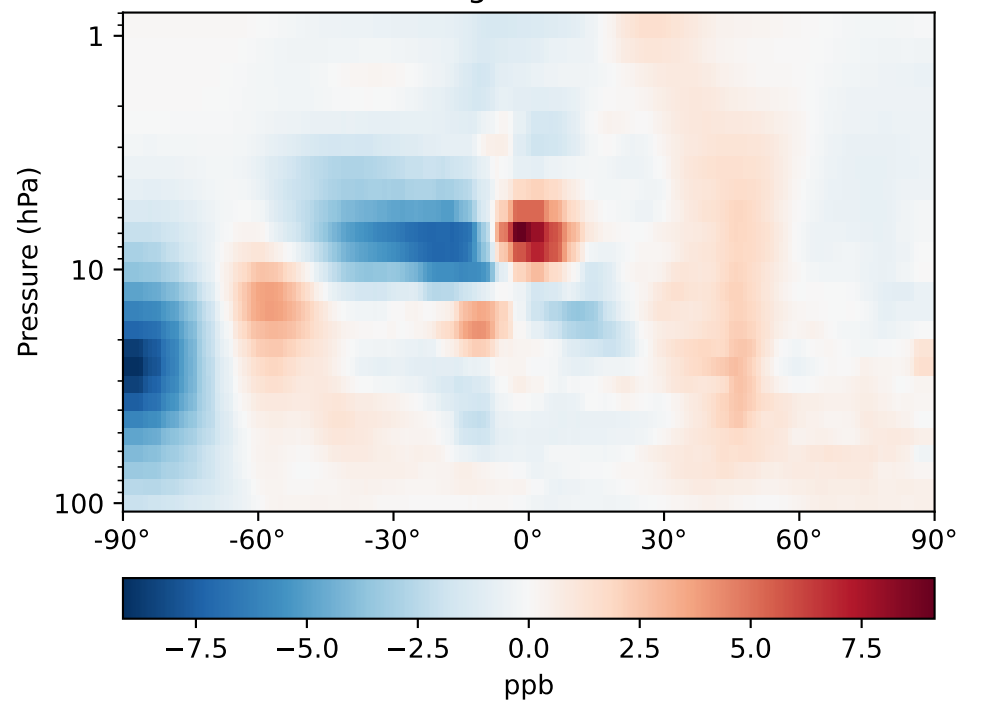


SpeciesConcVV_N2O, Zonal Mean

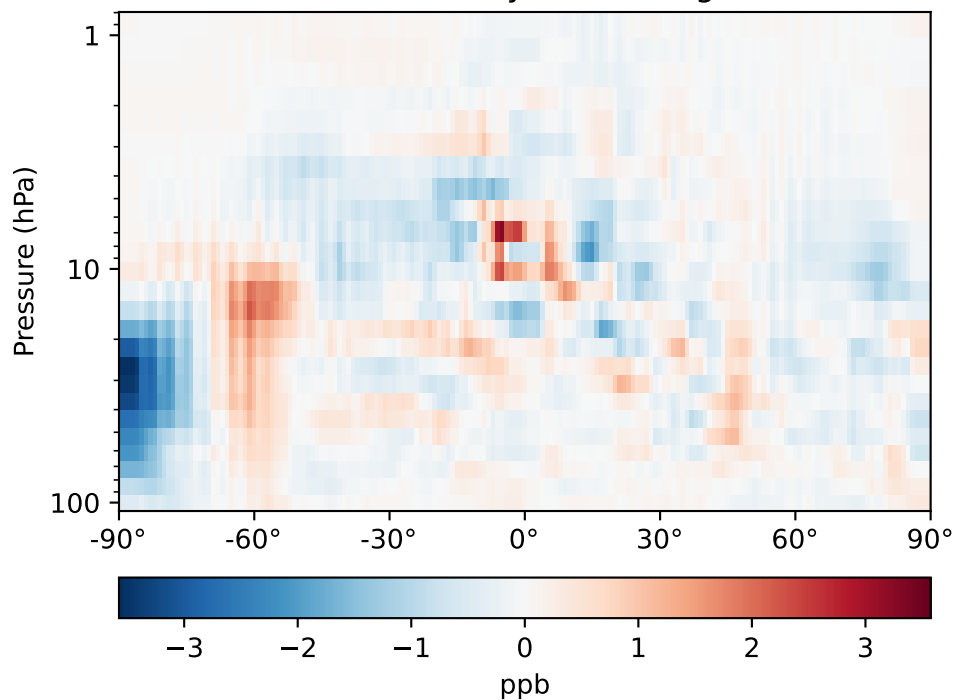
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



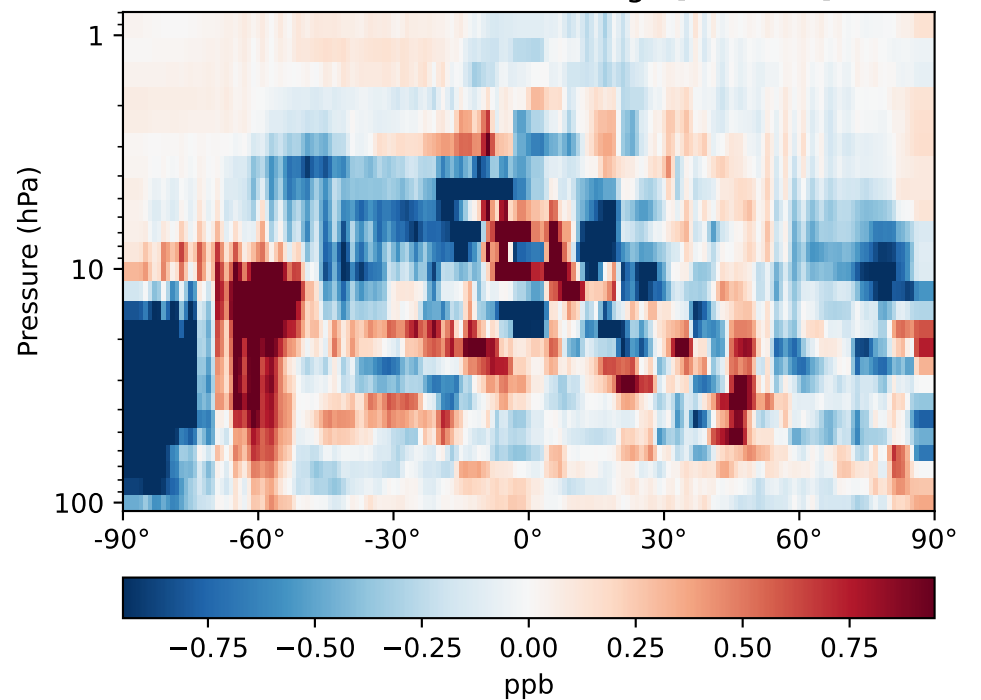
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



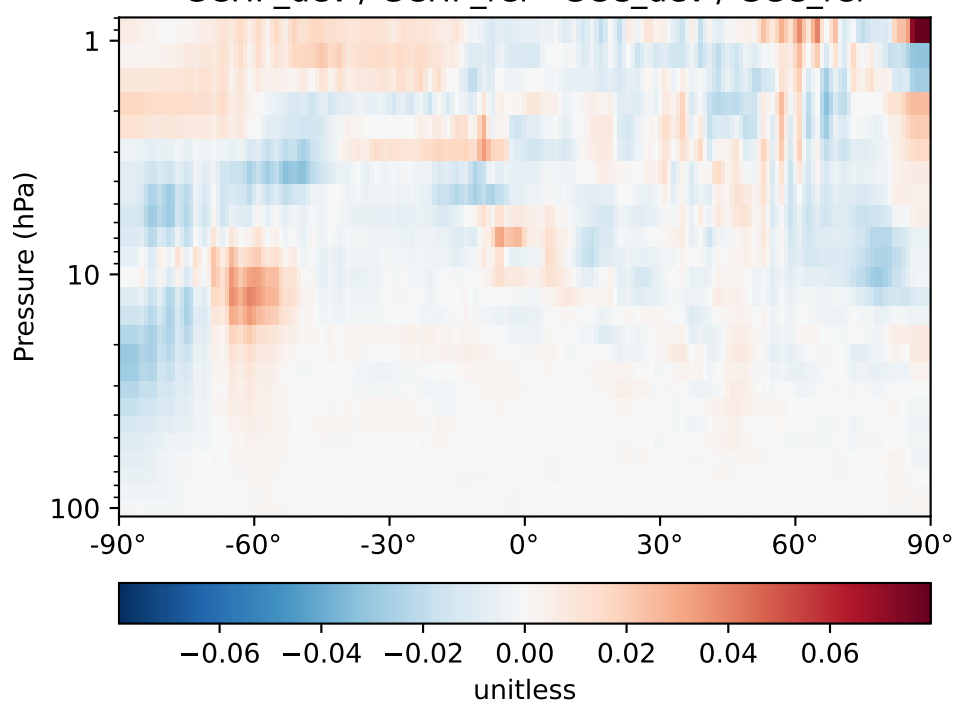
Difference (1x1.25)
Dev - Ref, Dynamic Range



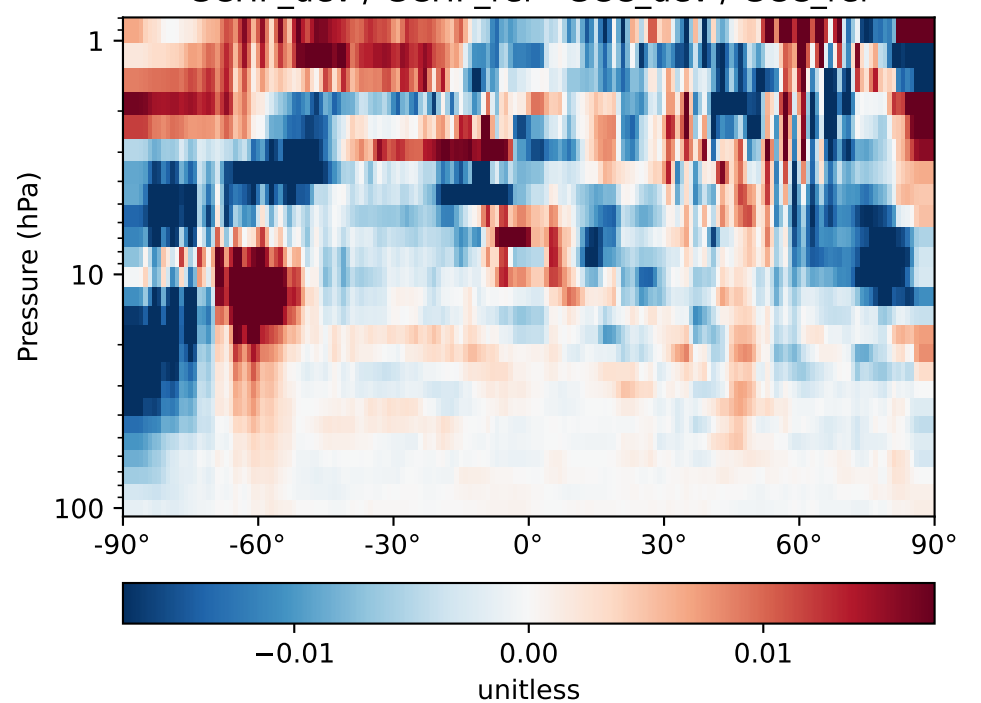
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

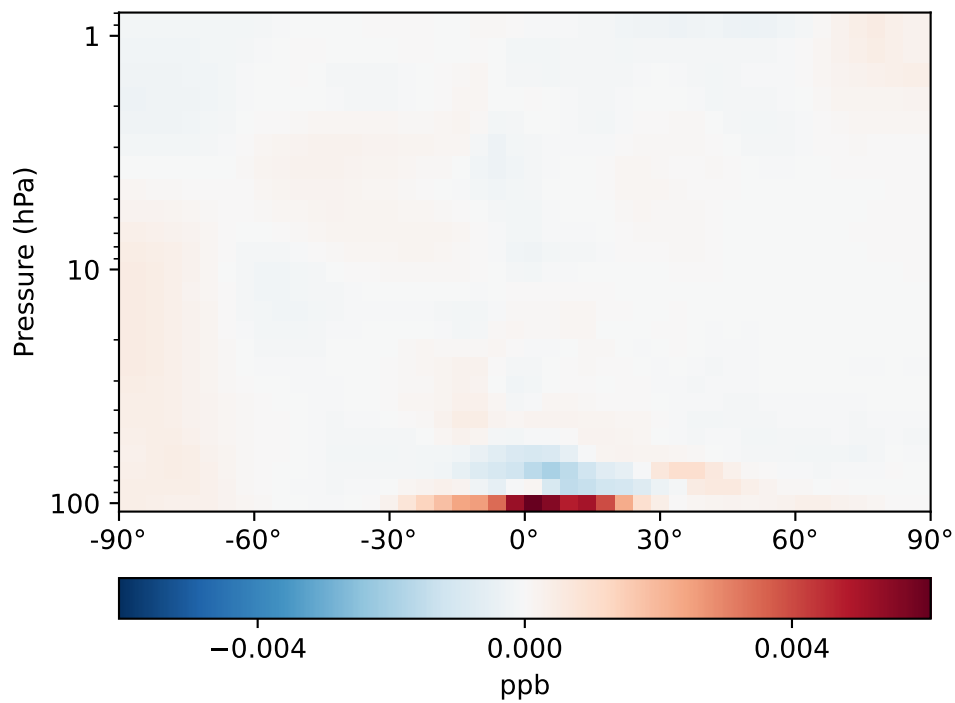


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

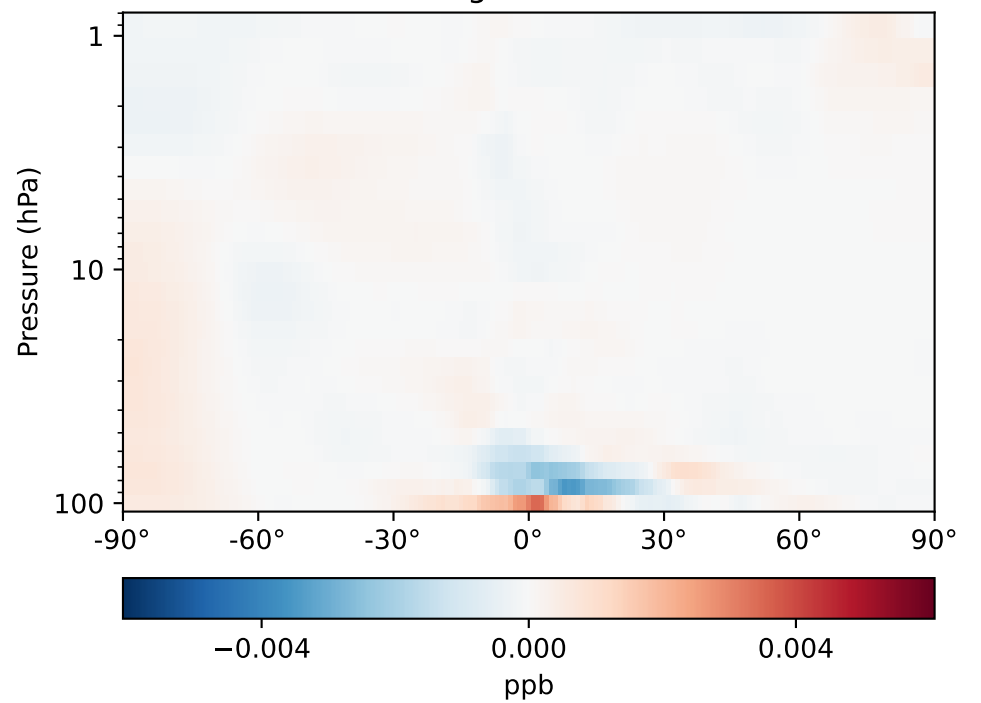


SpeciesConcVW_NHx, Zonal Mean

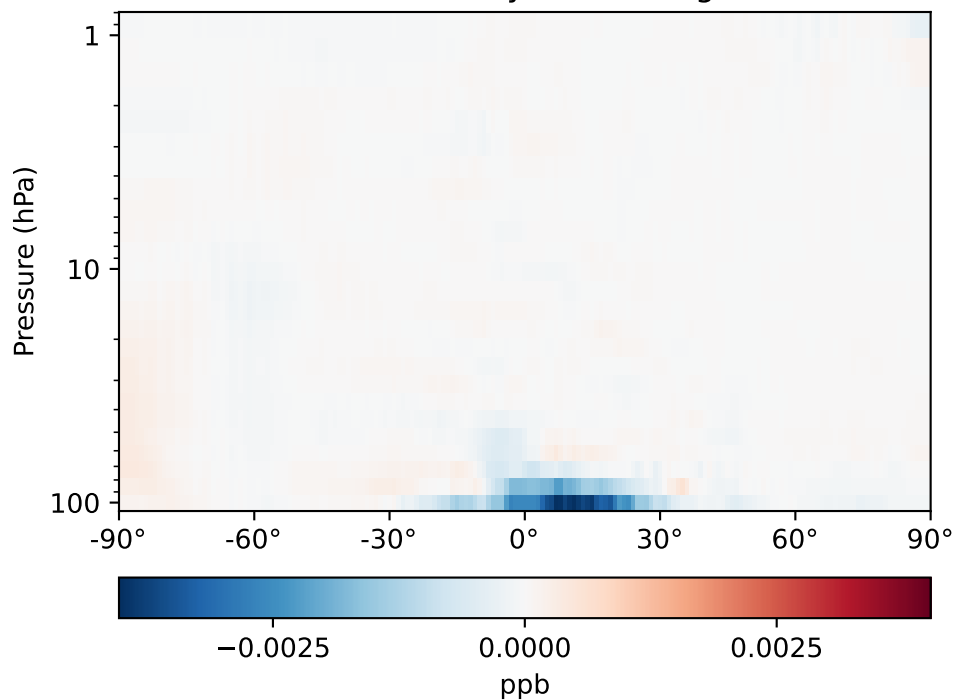
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



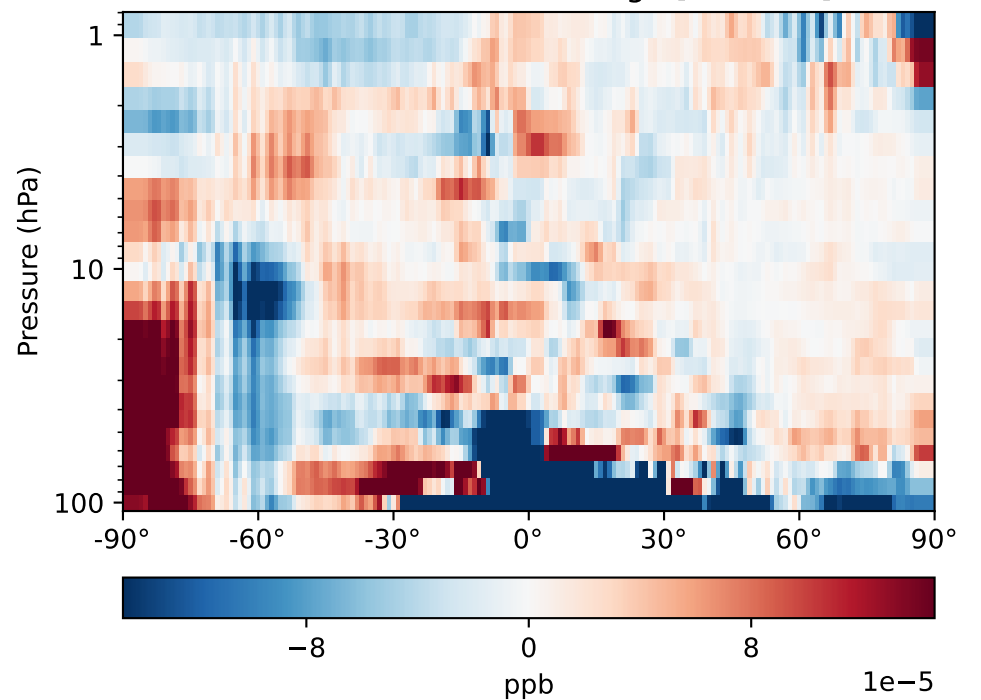
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



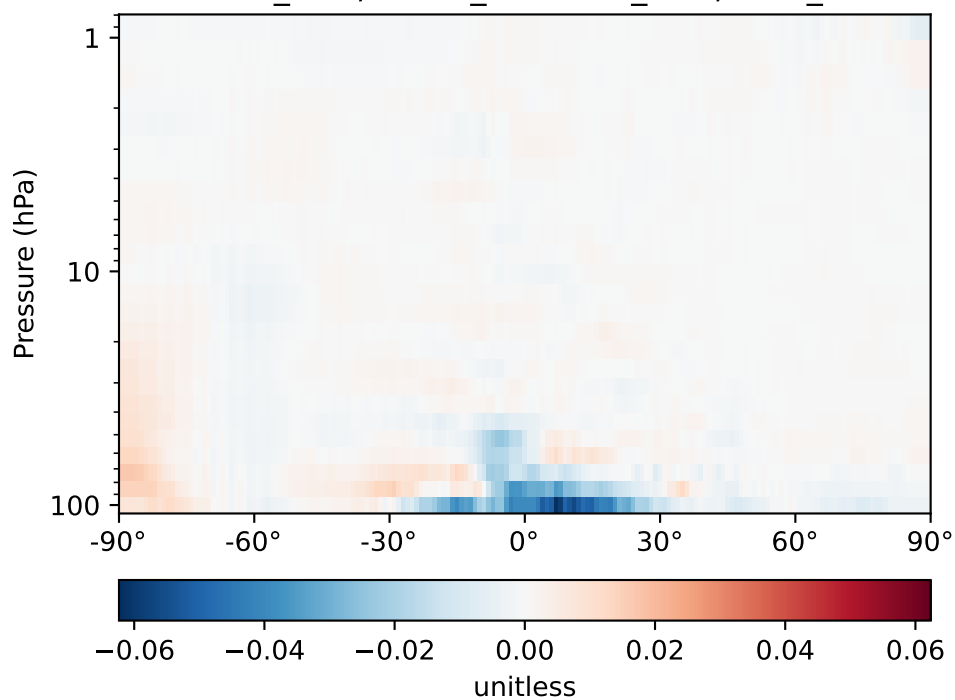
Difference (1x1.25)
Dev - Ref, Dynamic Range



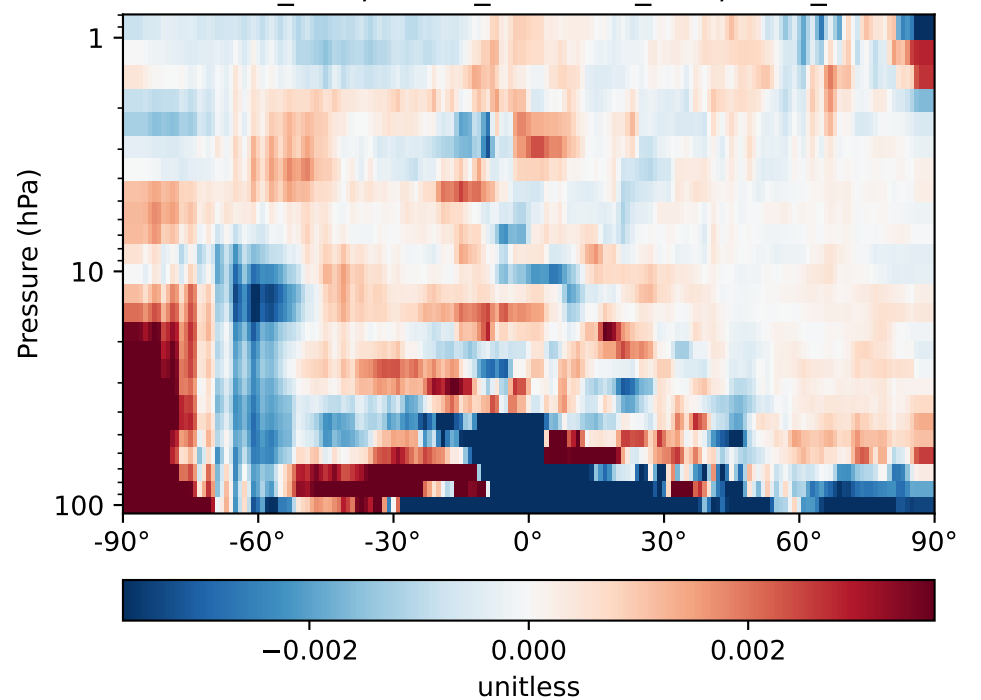
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

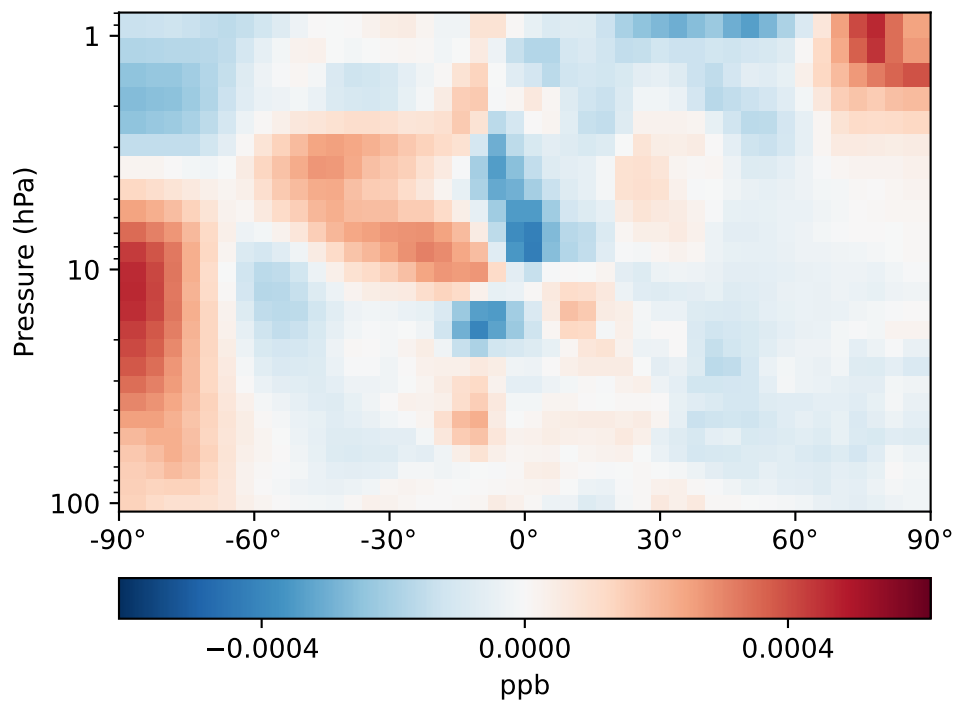


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

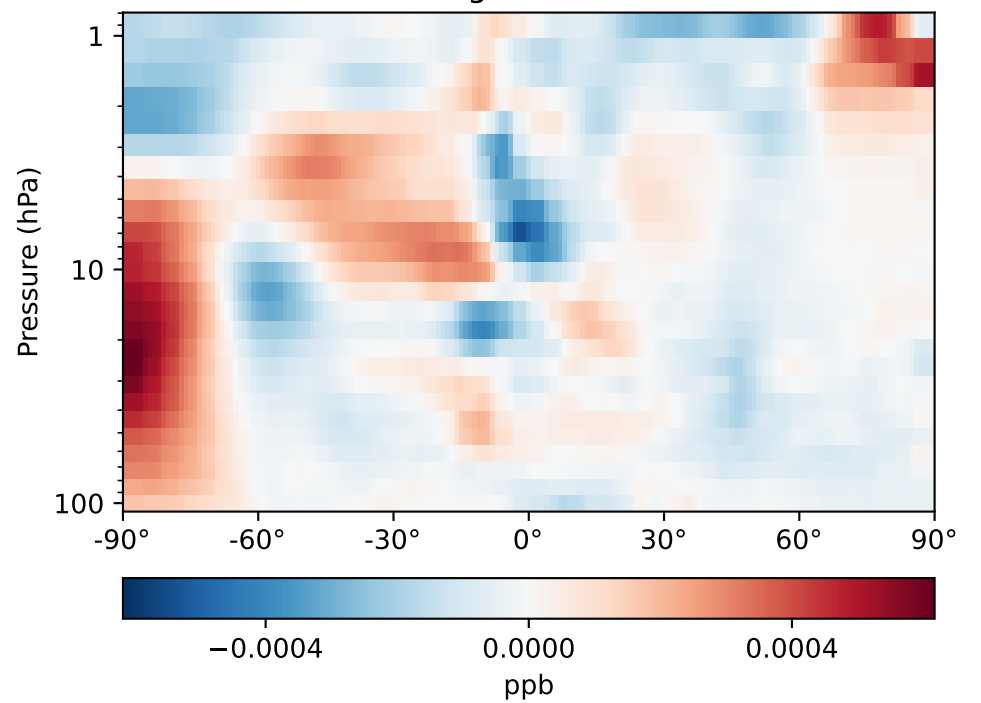


SpeciesConcVW_NH3, Zonal Mean

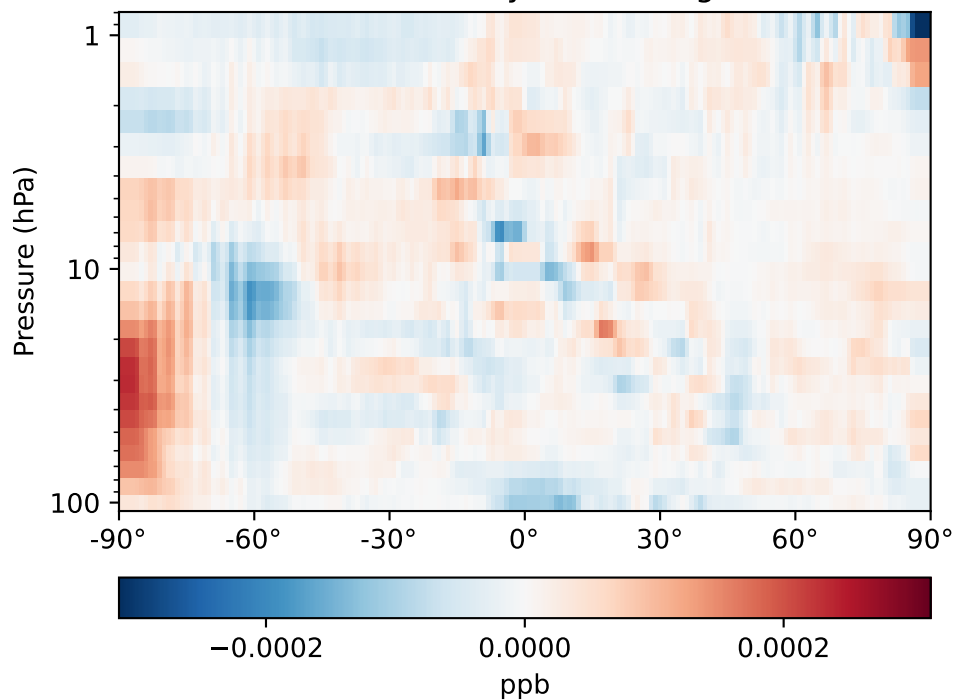
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



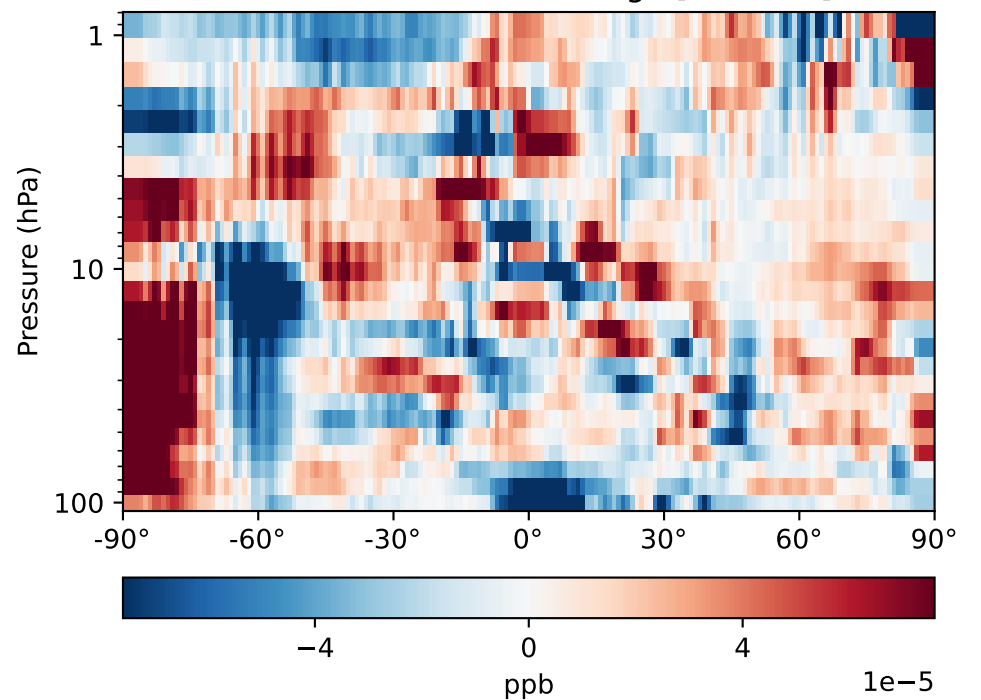
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



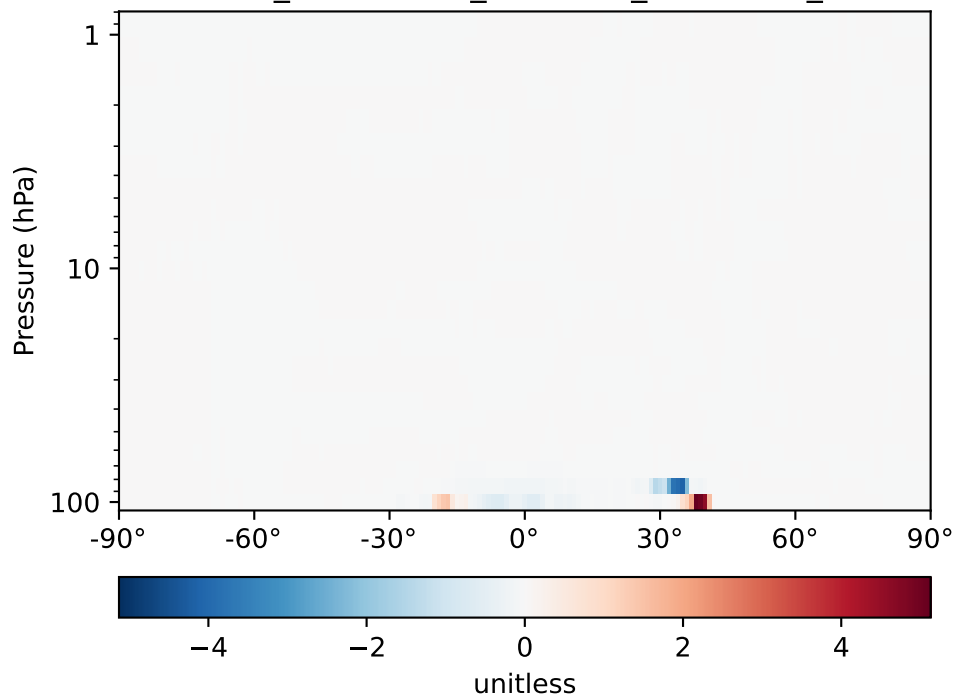
Difference (1x1.25)
Dev - Ref, Dynamic Range



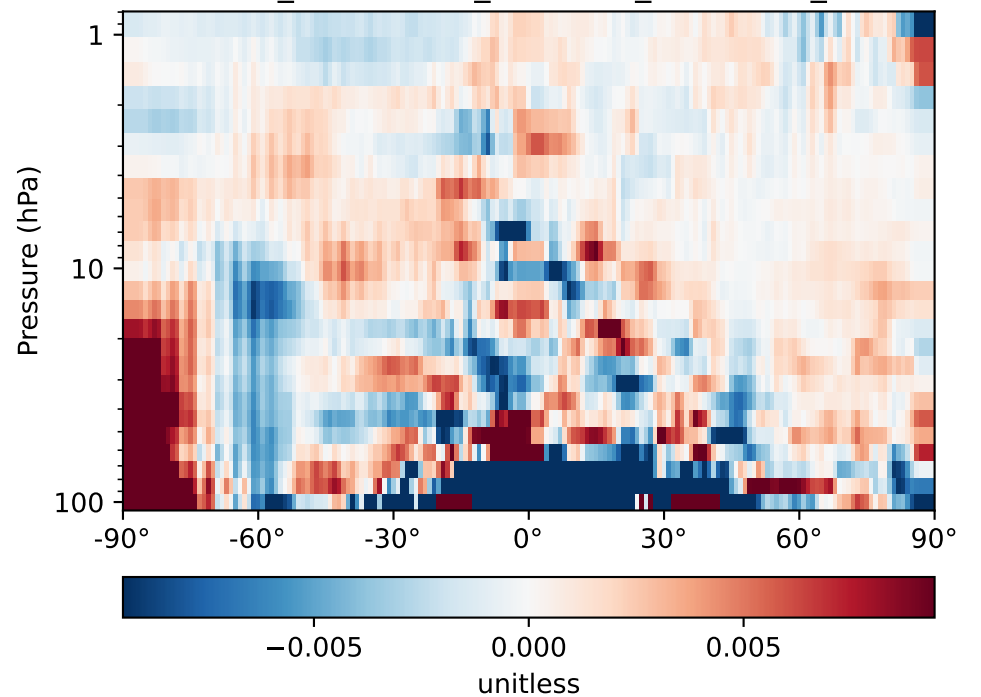
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

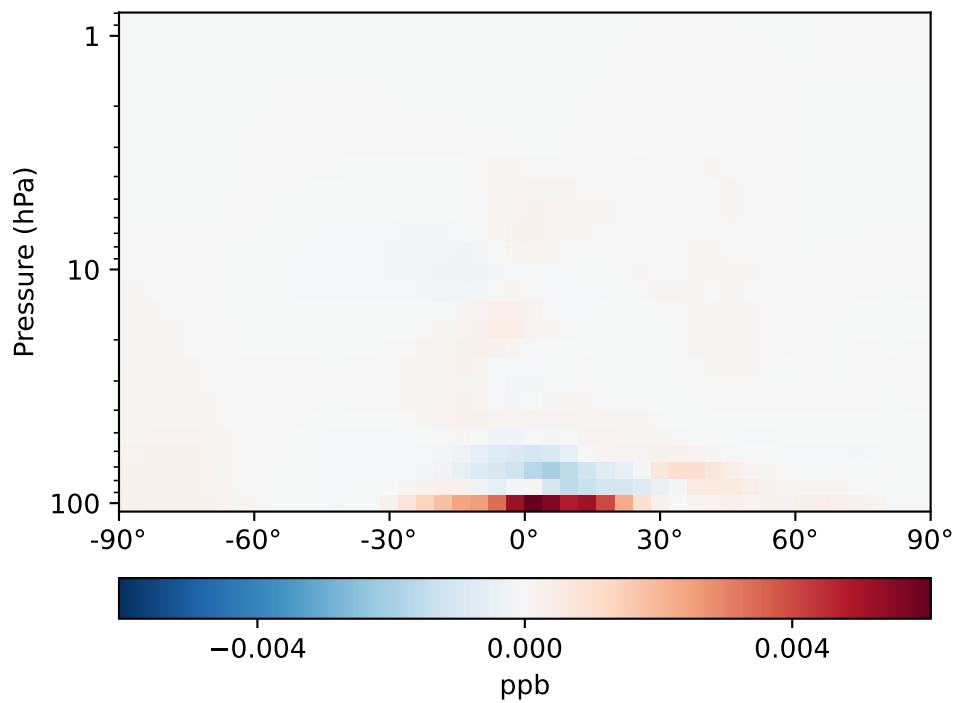


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

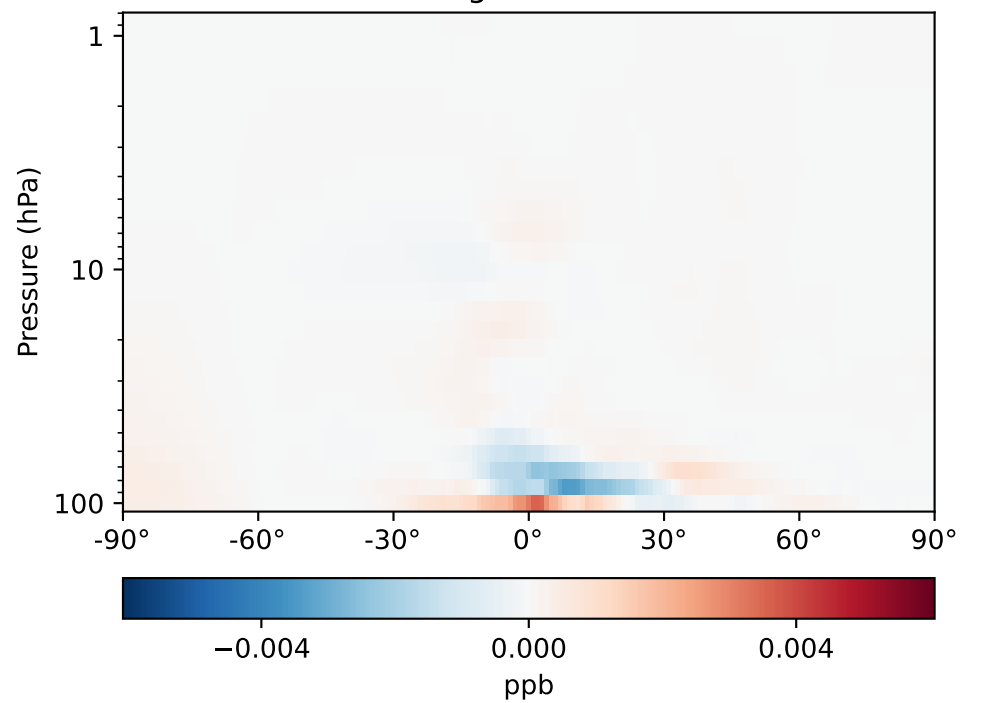


SpeciesConcVW_NH4, Zonal Mean

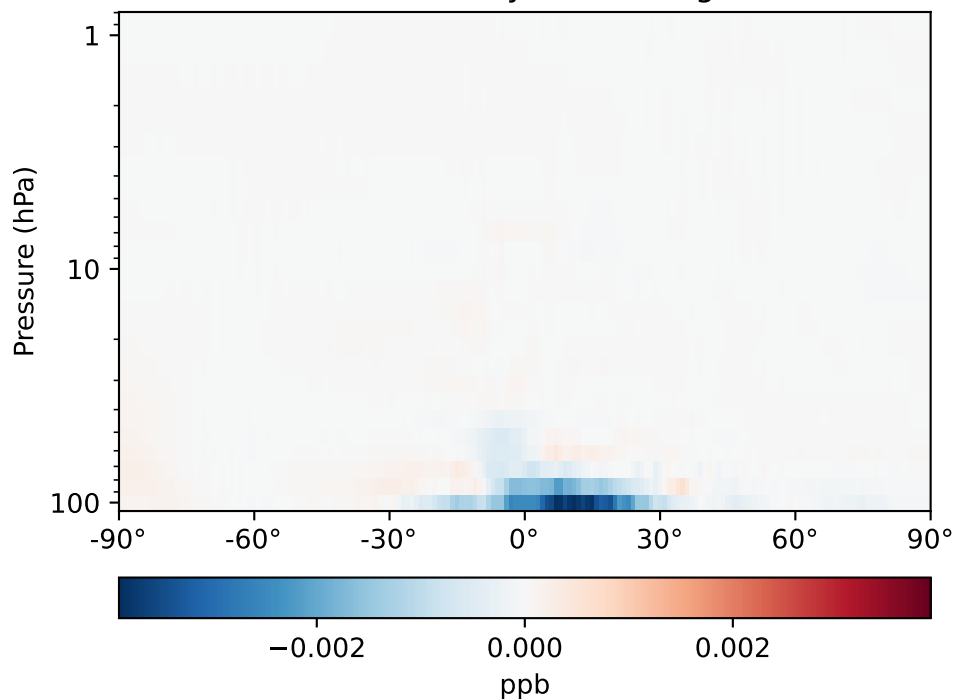
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



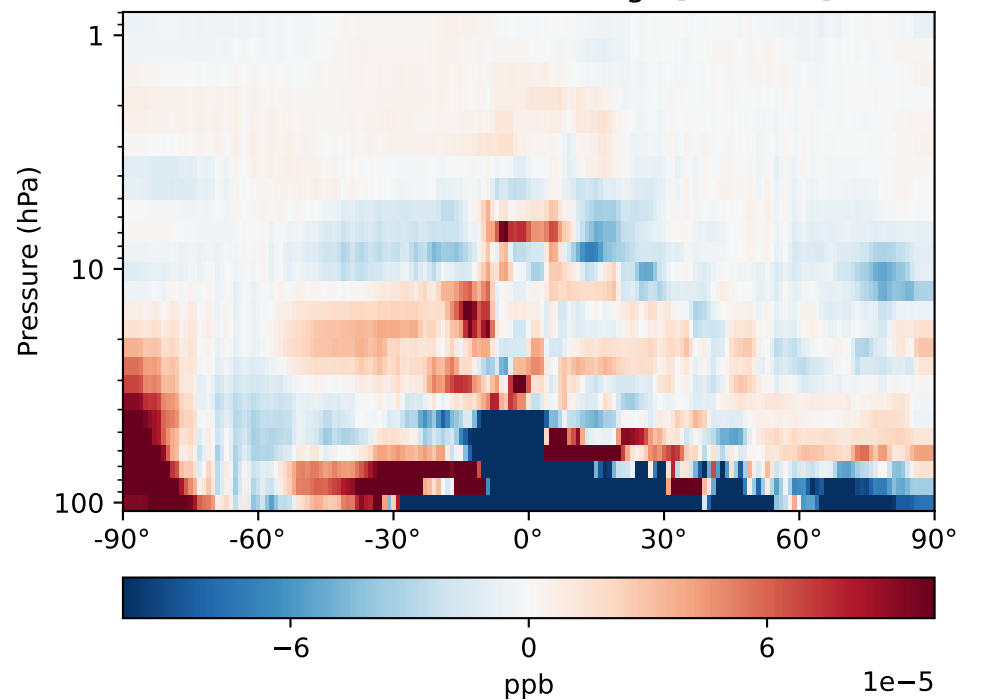
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



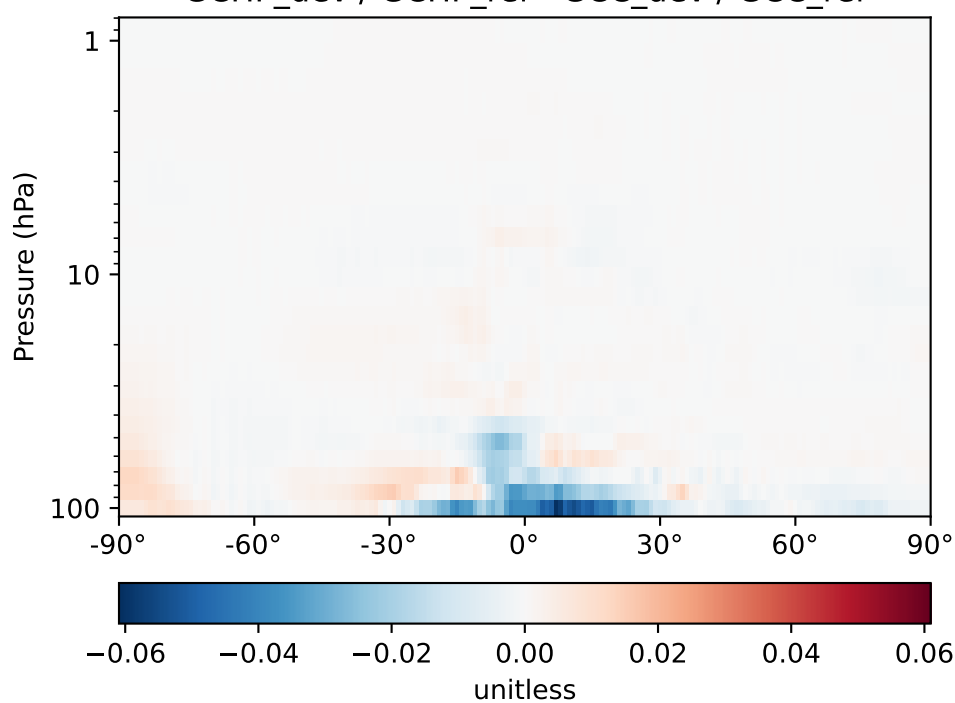
Difference (1x1.25)
Dev - Ref, Dynamic Range



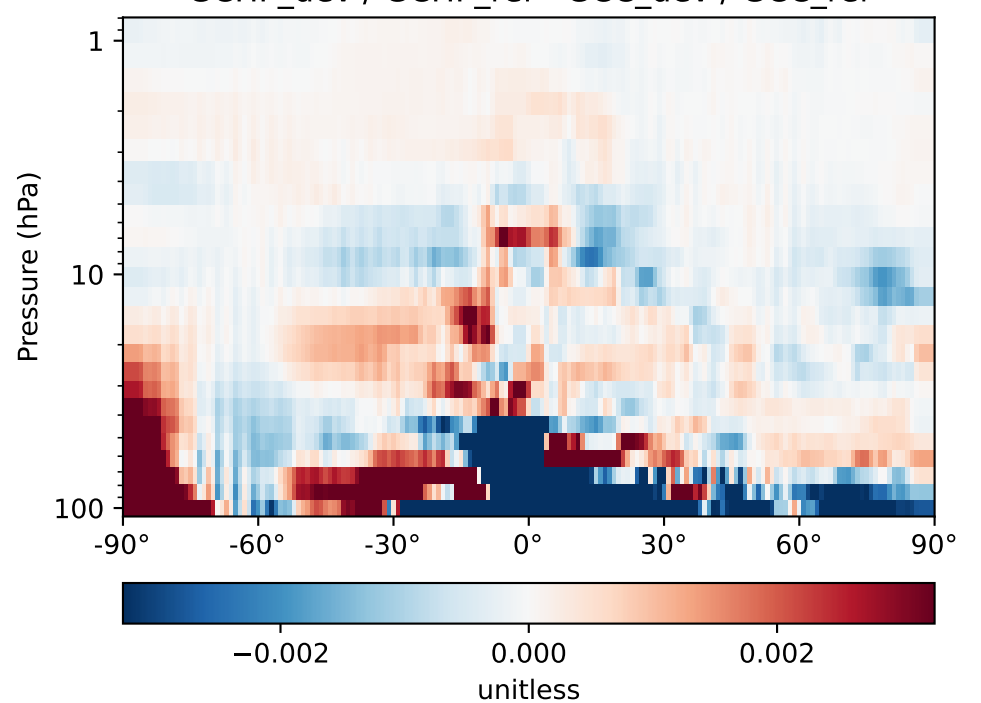
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

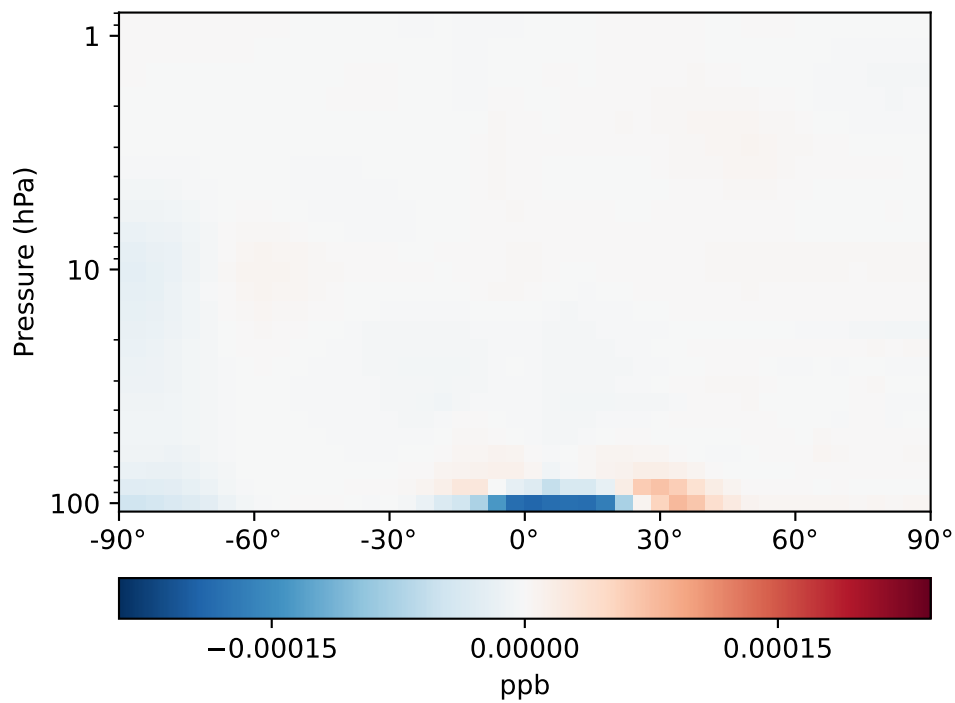


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

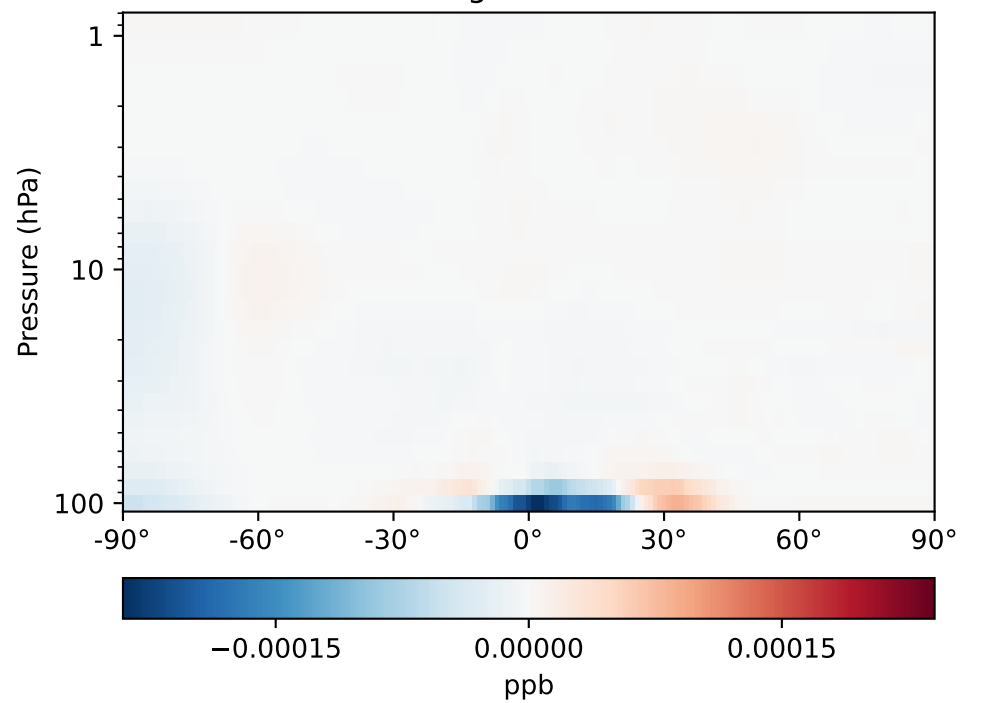


SpeciesConcVV_MENO3, Zonal Mean

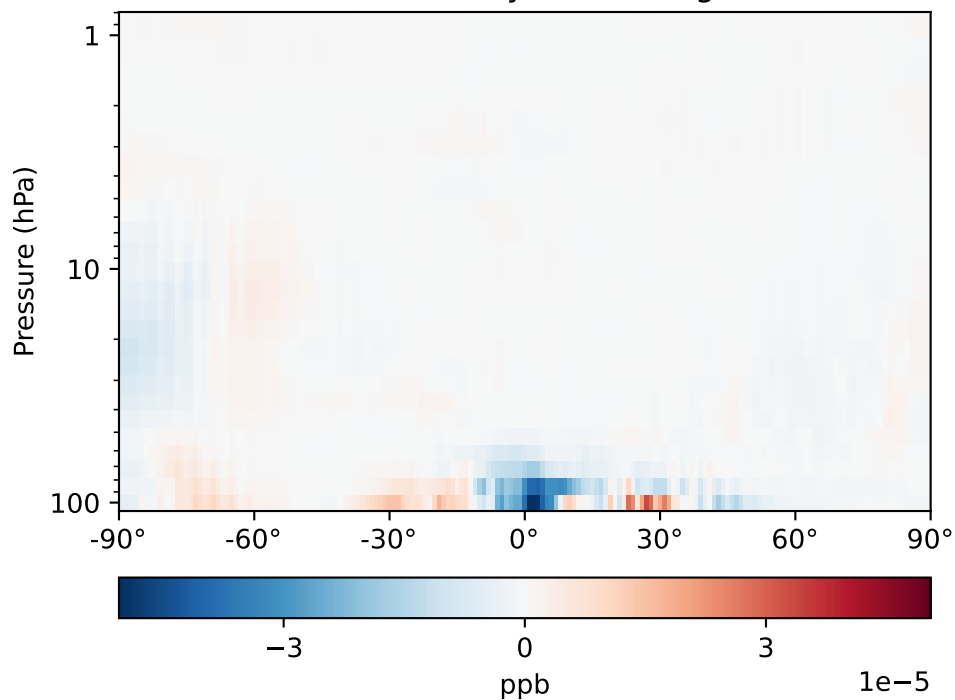
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



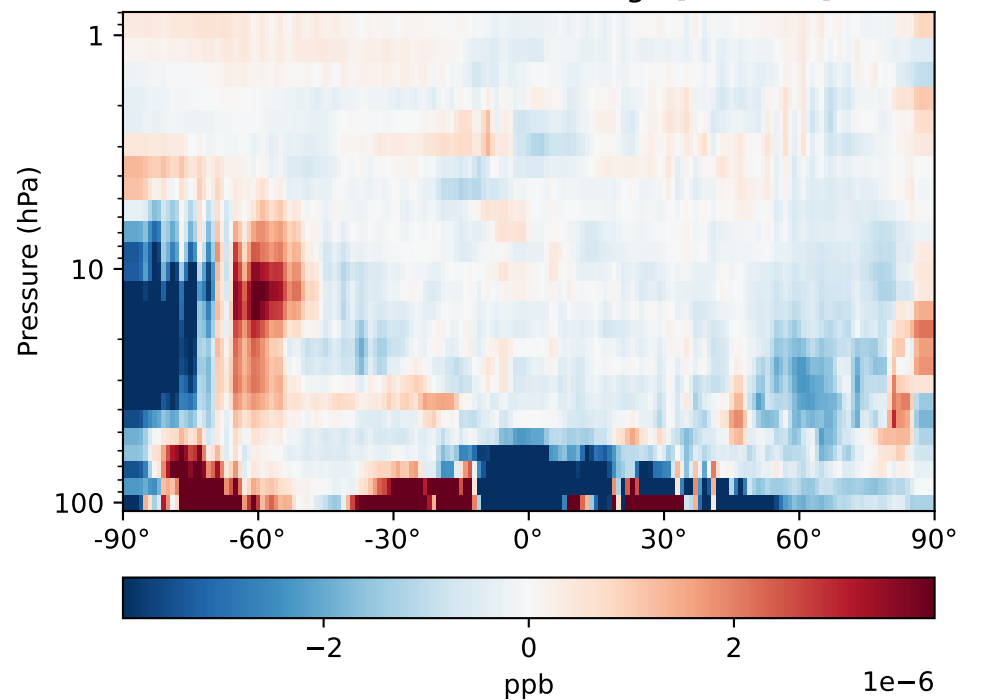
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



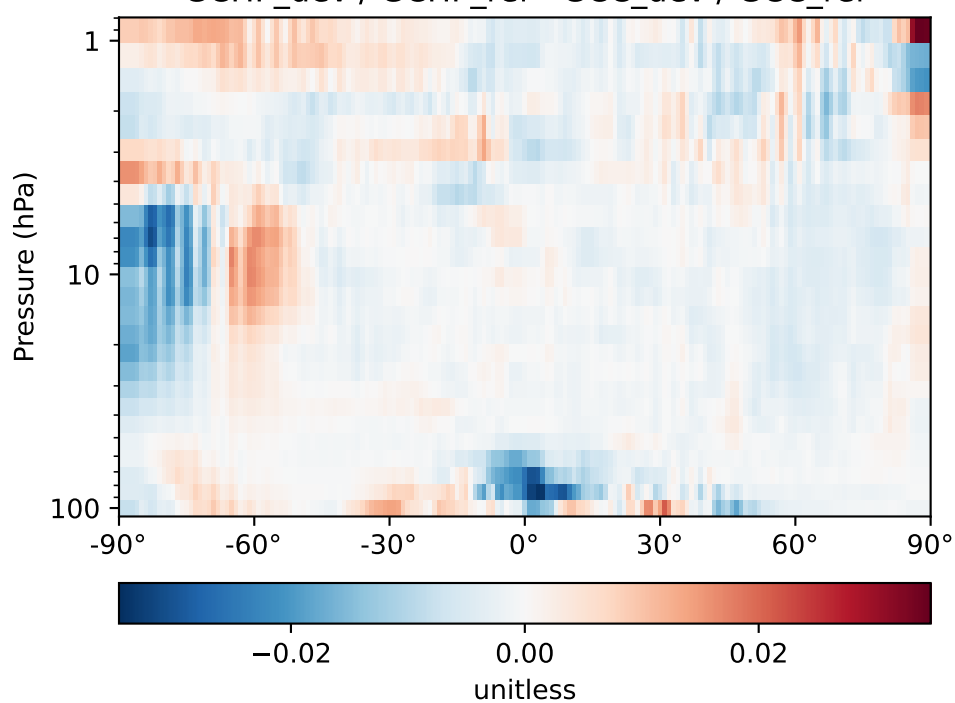
Difference (1x1.25)
Dev - Ref, Dynamic Range



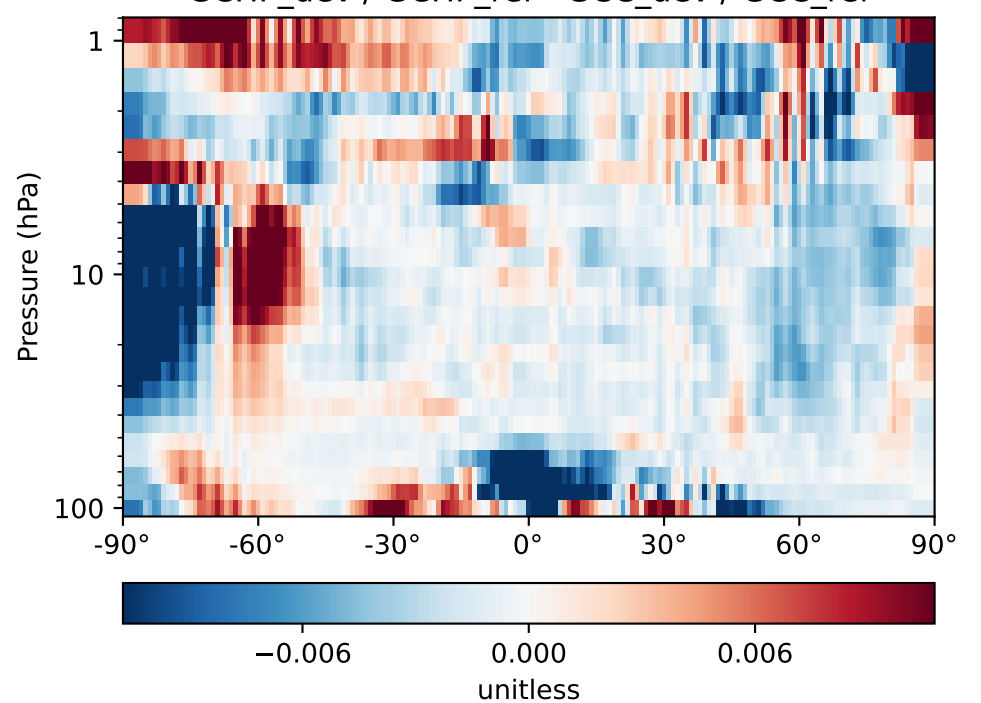
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

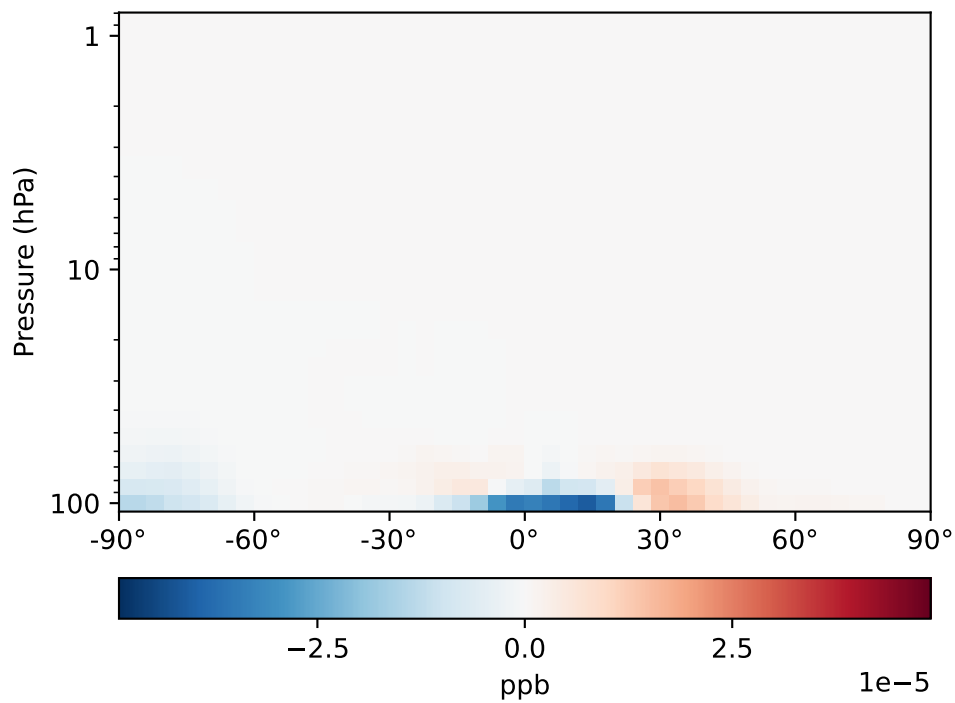


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

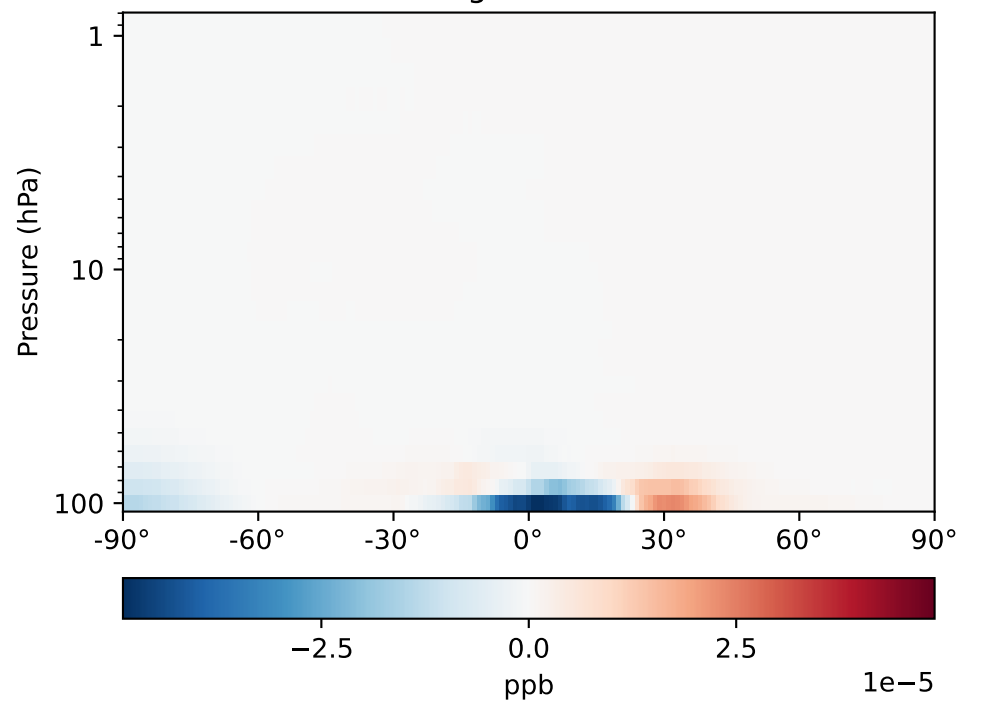


SpeciesConcVV_ETNO3, Zonal Mean

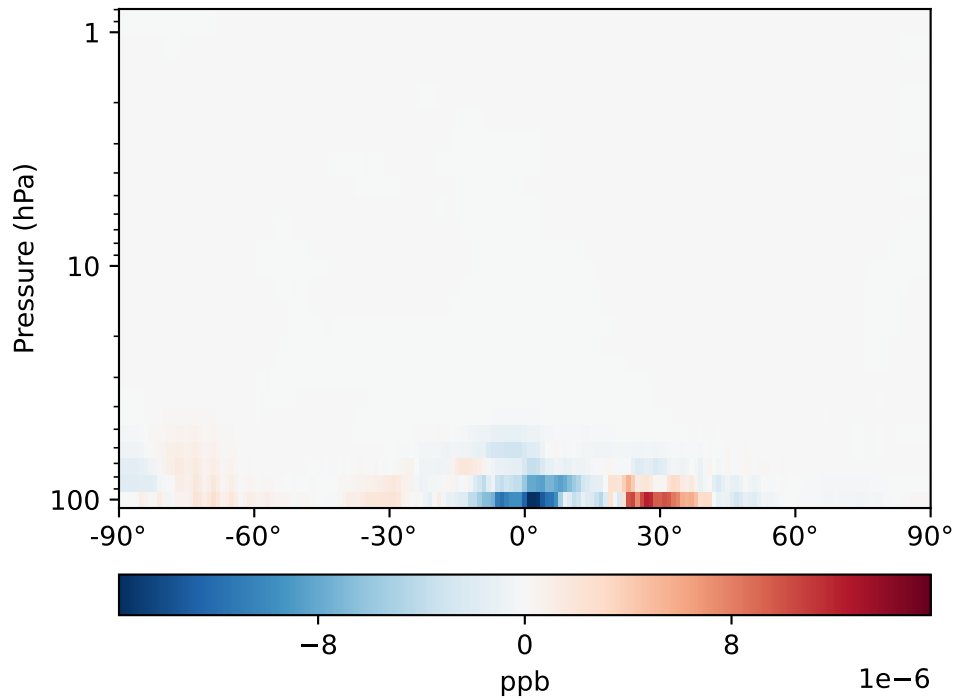
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



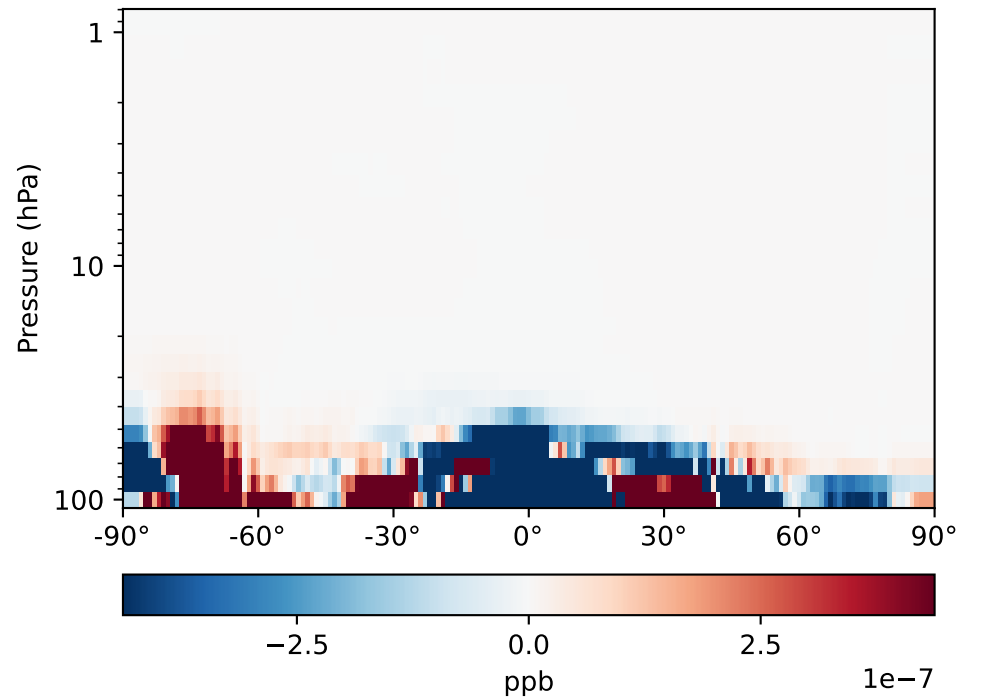
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



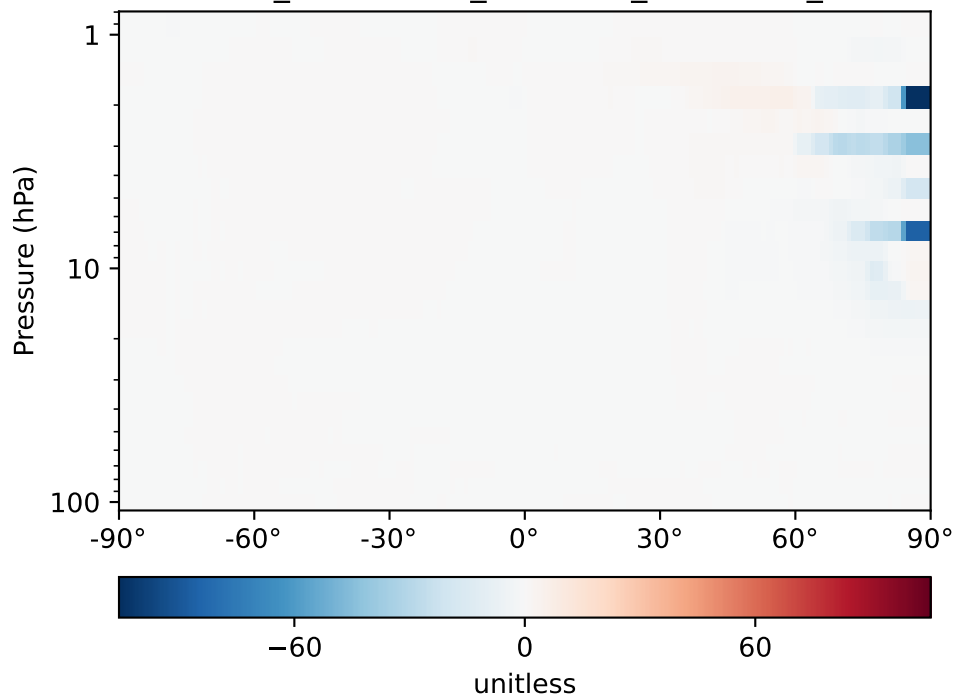
Difference (1x1.25)
Dev - Ref, Dynamic Range



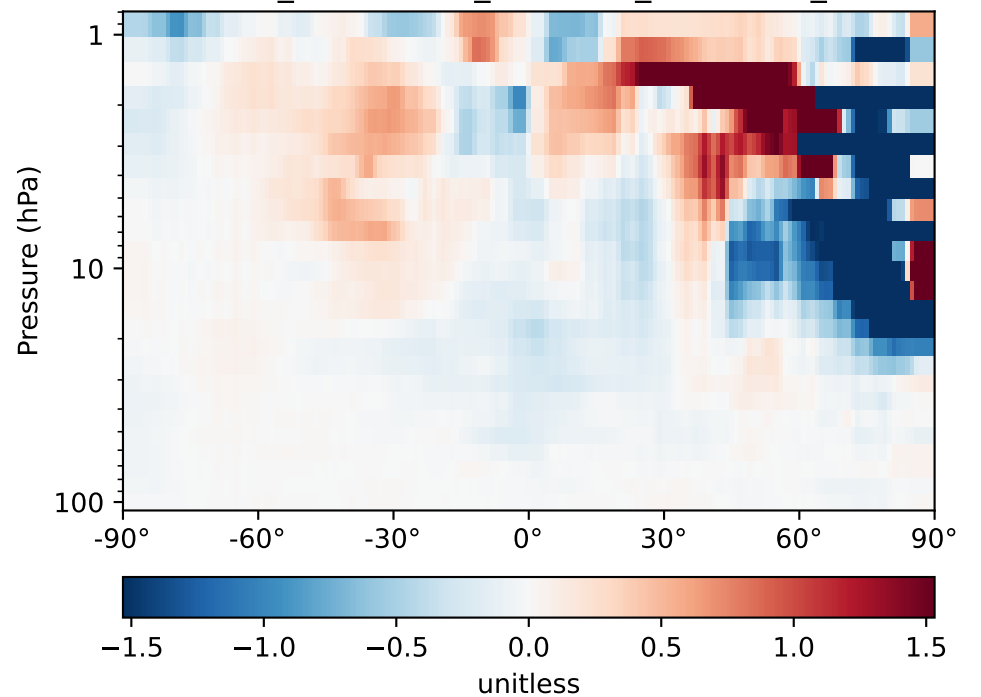
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

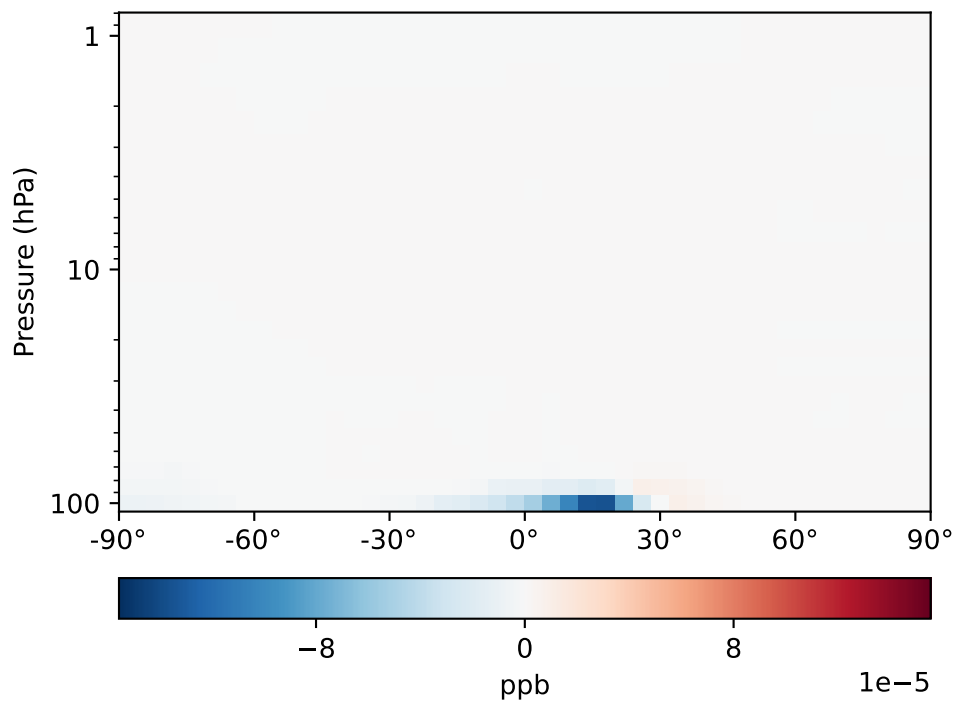


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

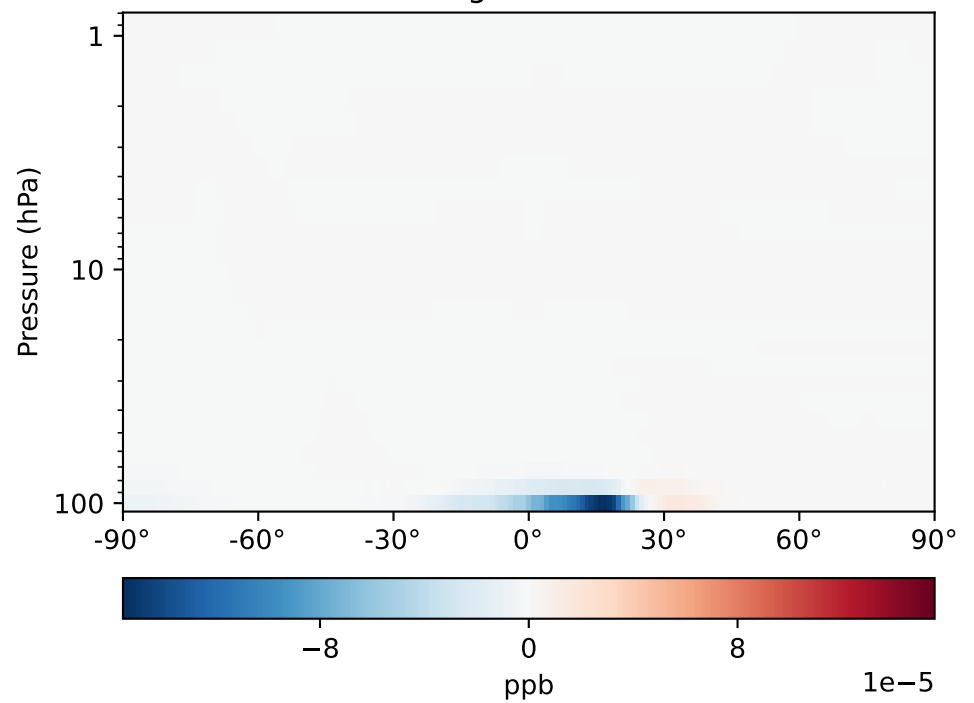


SpeciesConcVV_IPRNO3, Zonal Mean

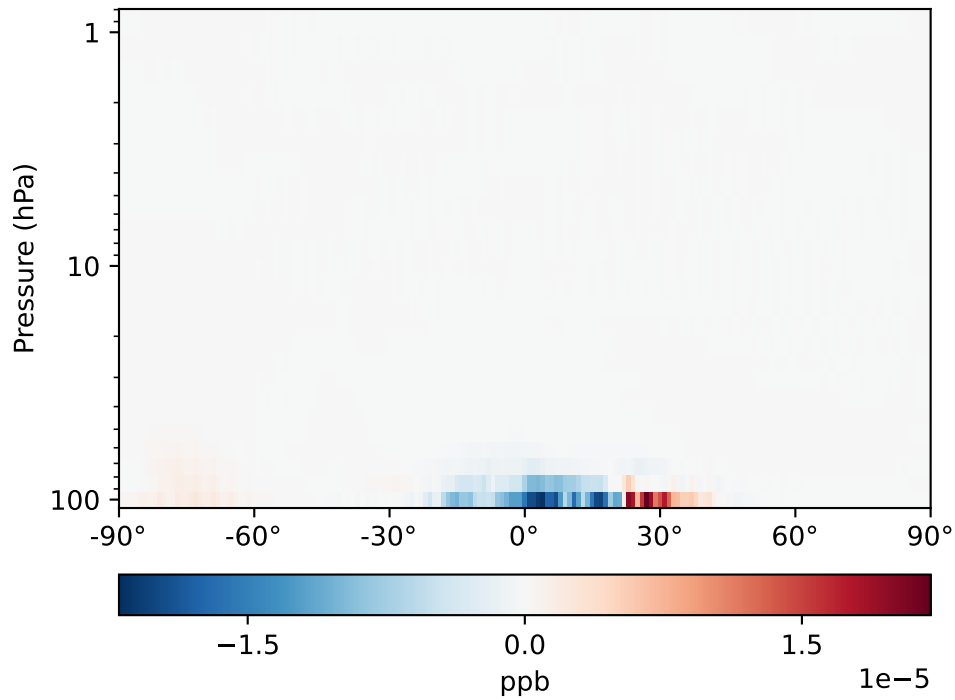
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



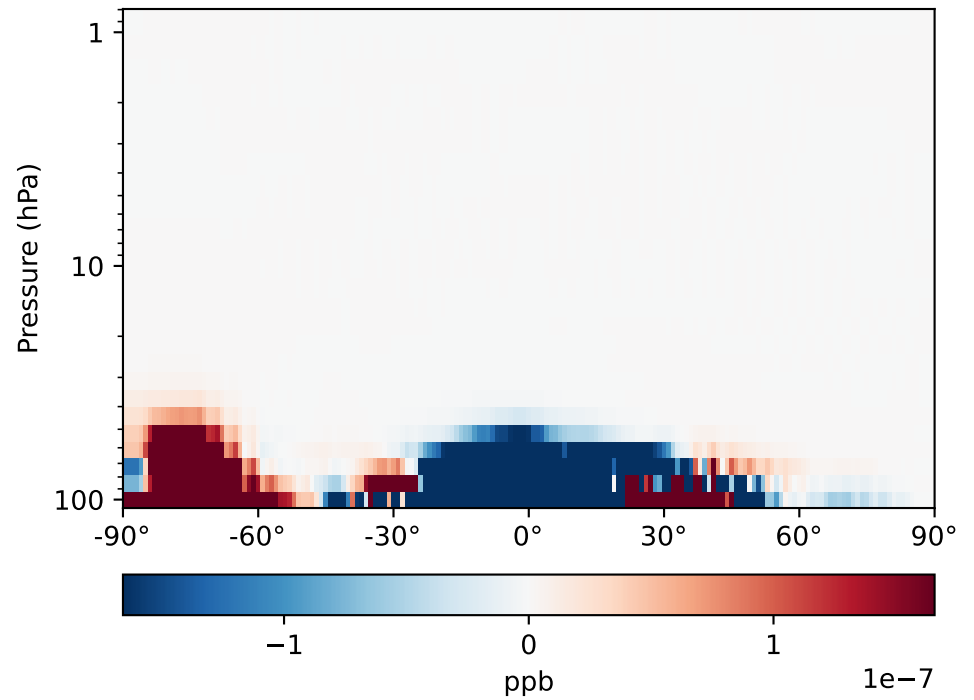
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



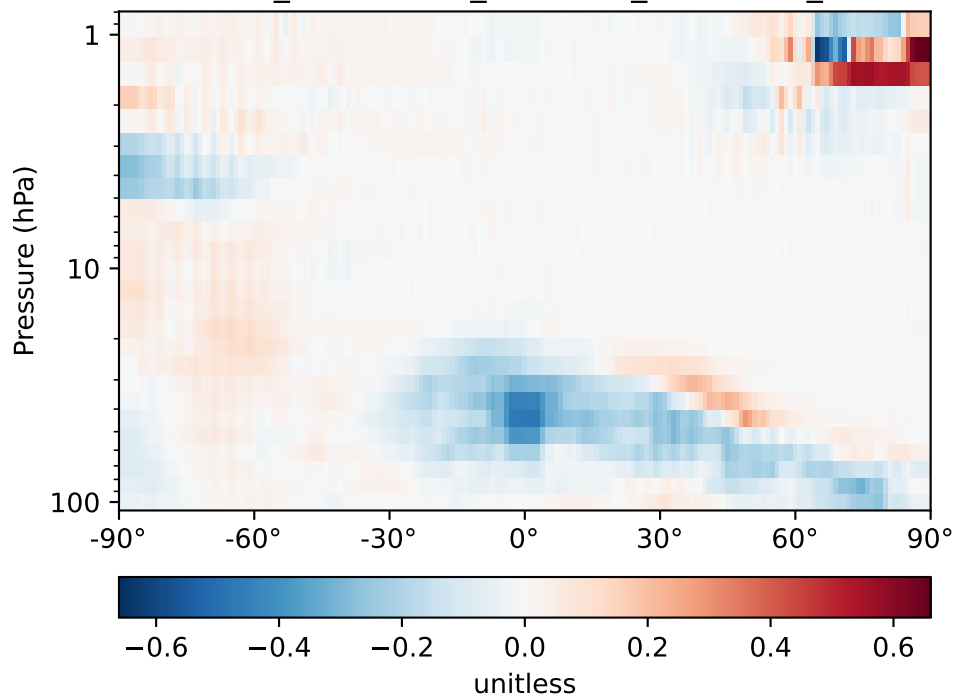
Difference (1x1.25)
Dev - Ref, Dynamic Range



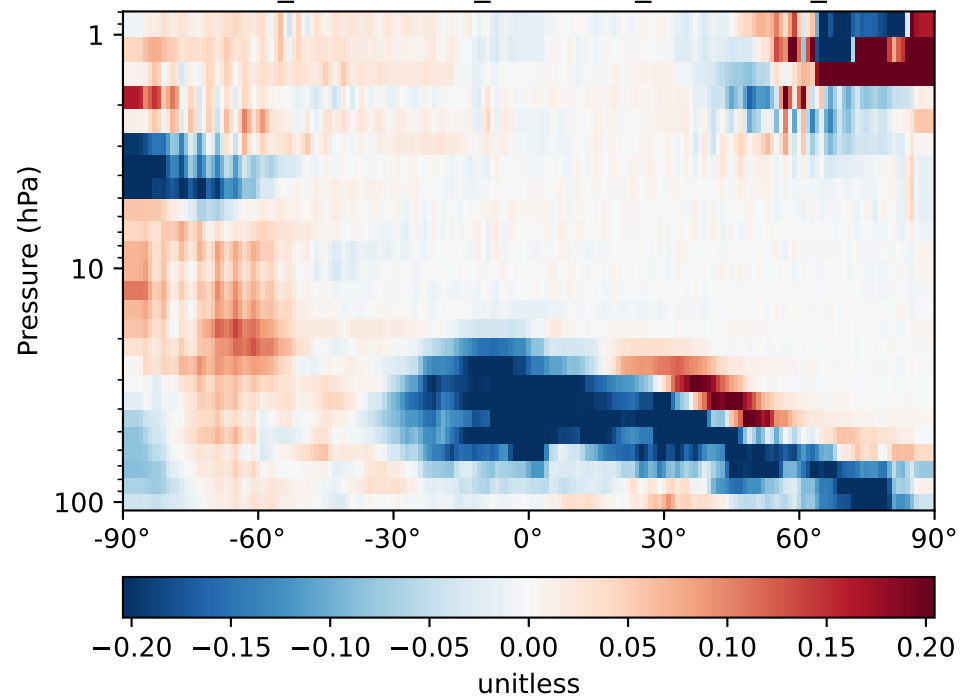
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

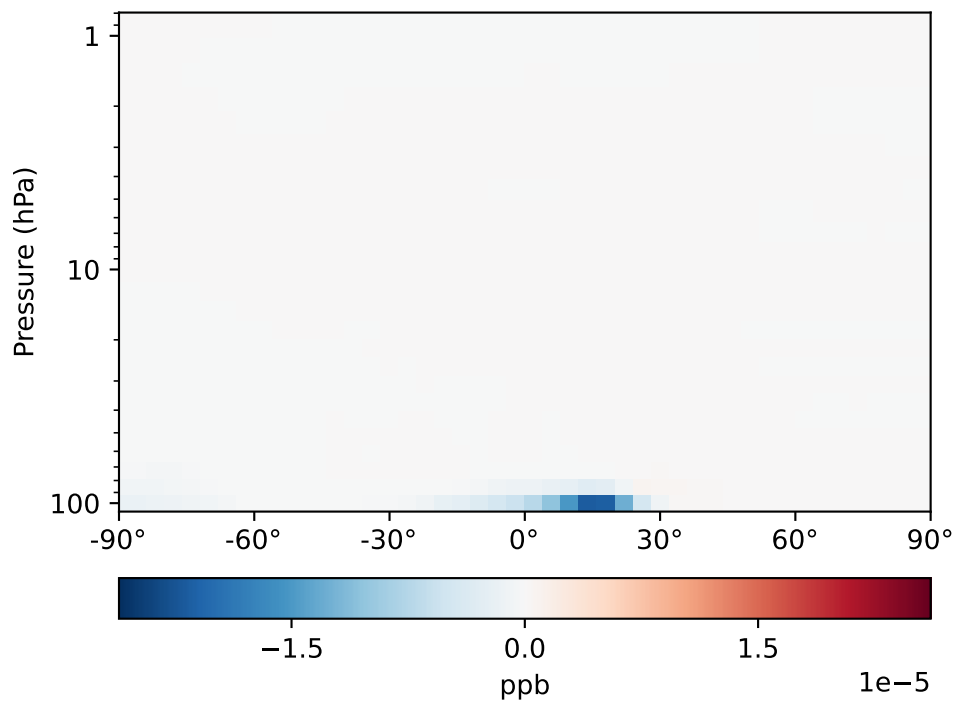


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

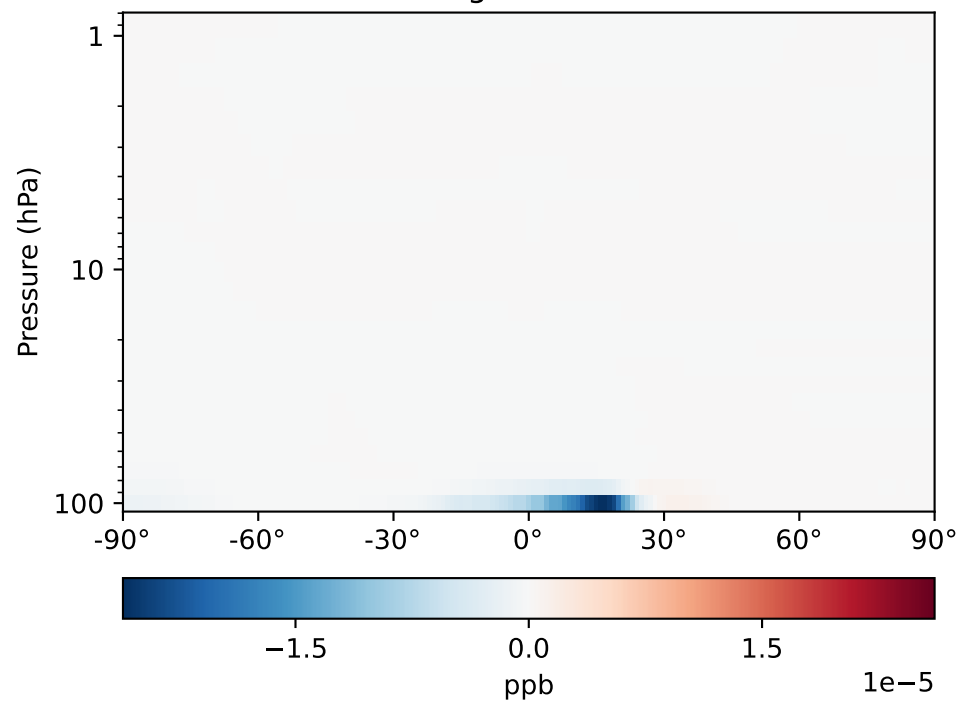


SpeciesConcVV_NPRNO3, Zonal Mean

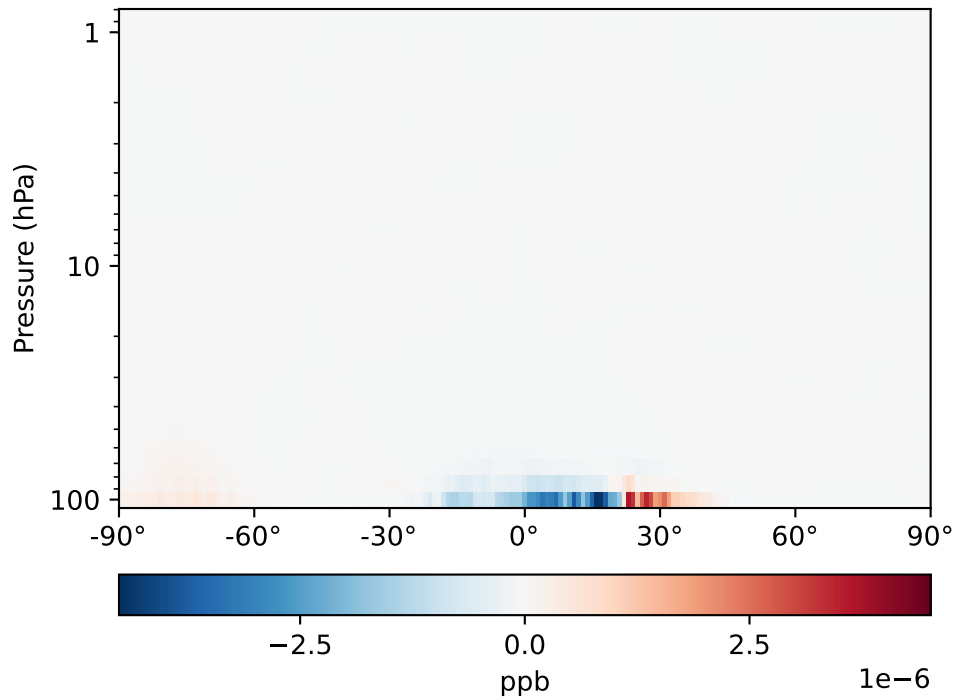
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



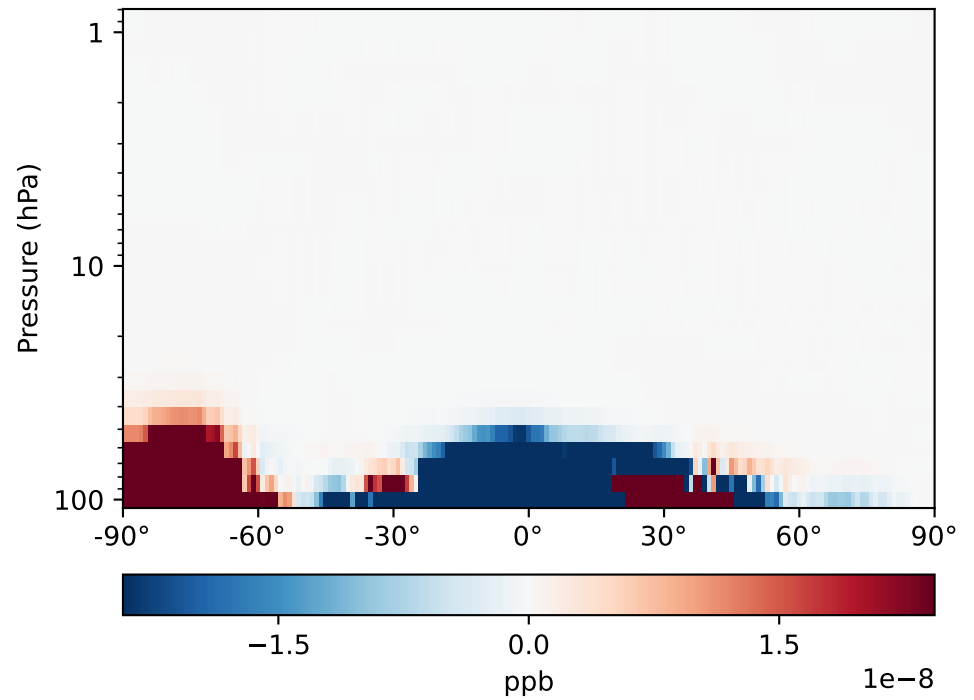
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



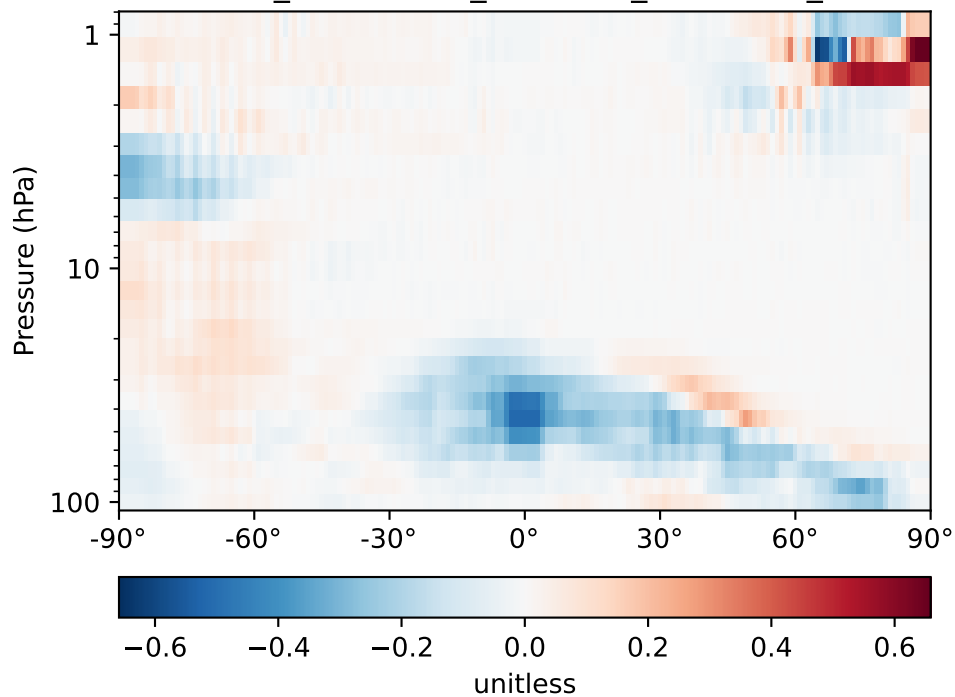
Difference (1x1.25)
Dev - Ref, Dynamic Range



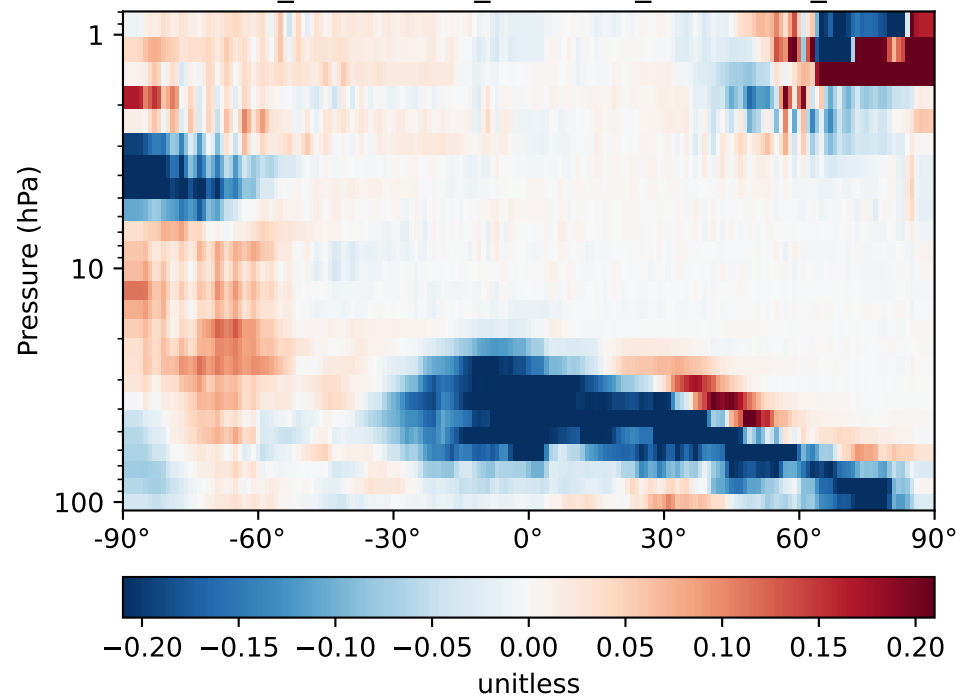
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

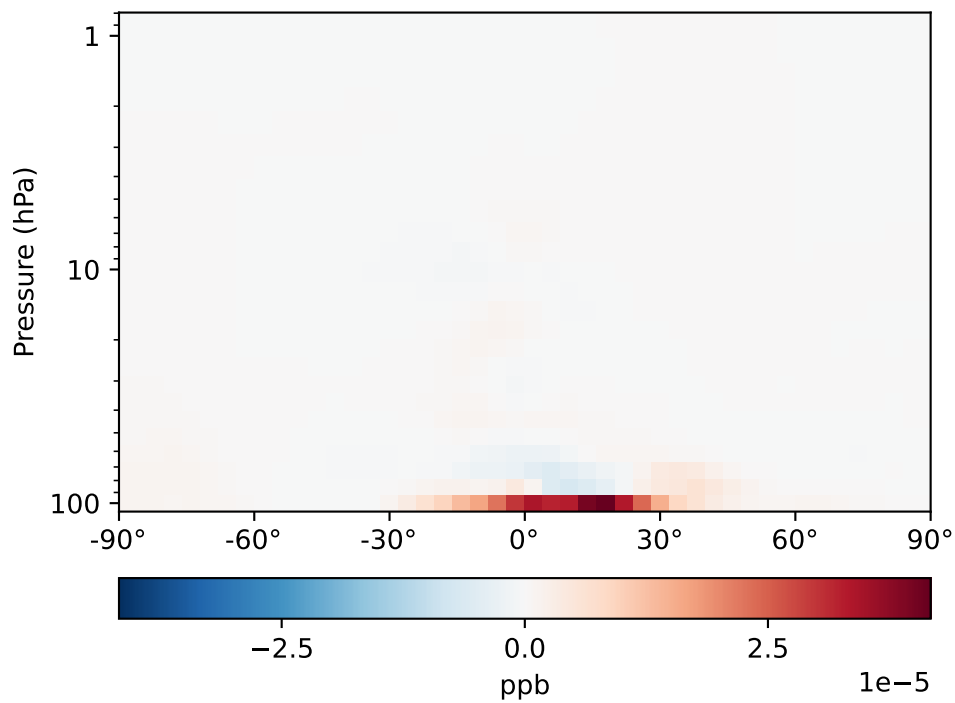


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

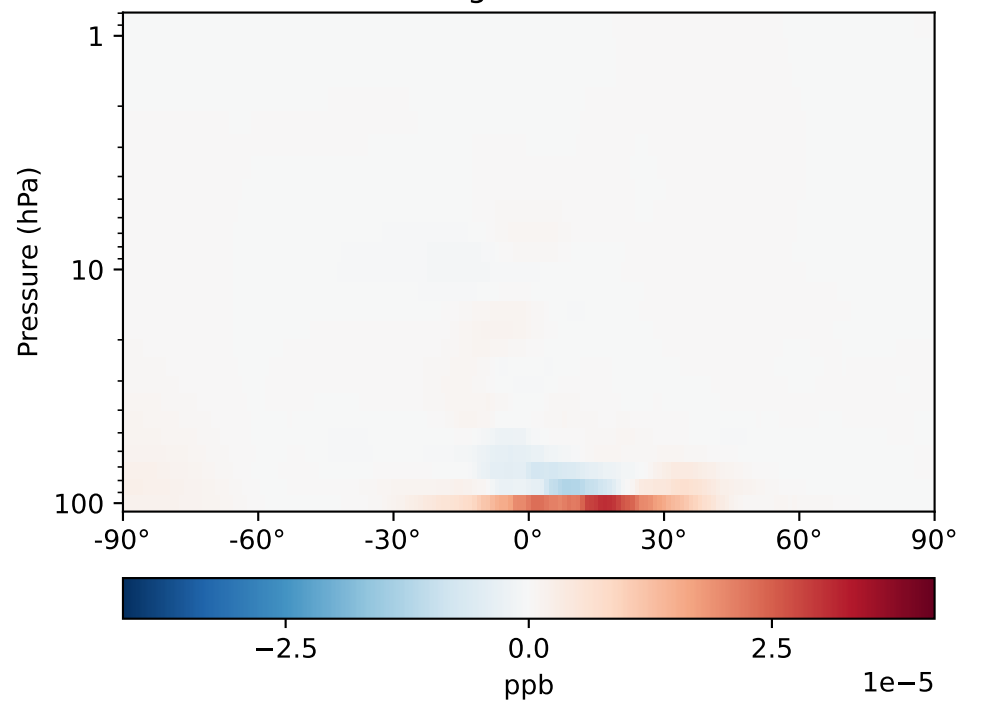


SpeciesConcVV_AONITA, Zonal Mean

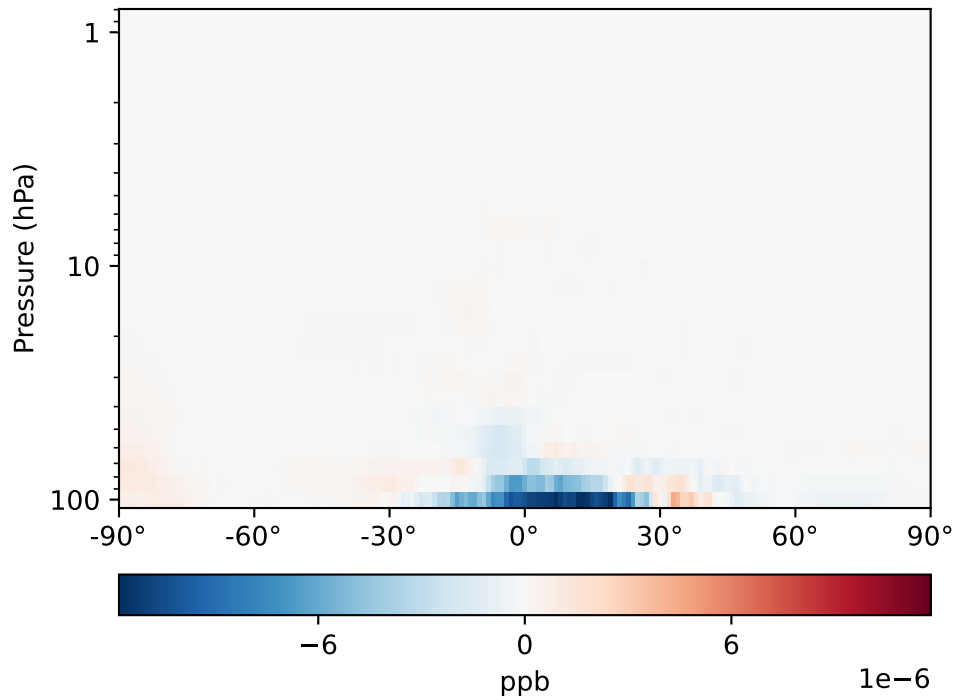
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



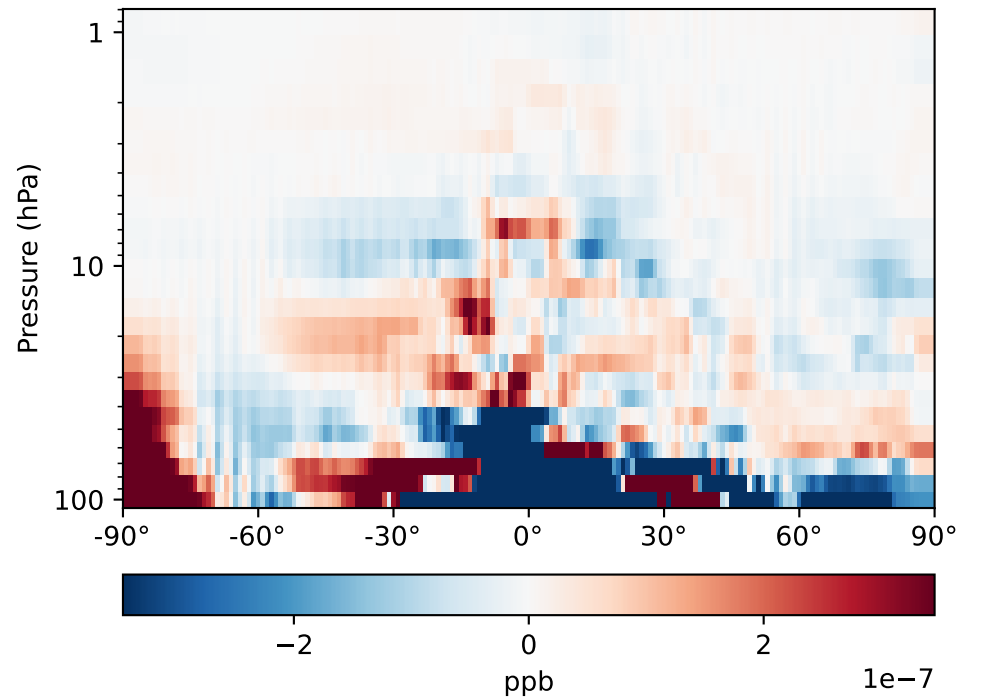
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regridged from c24



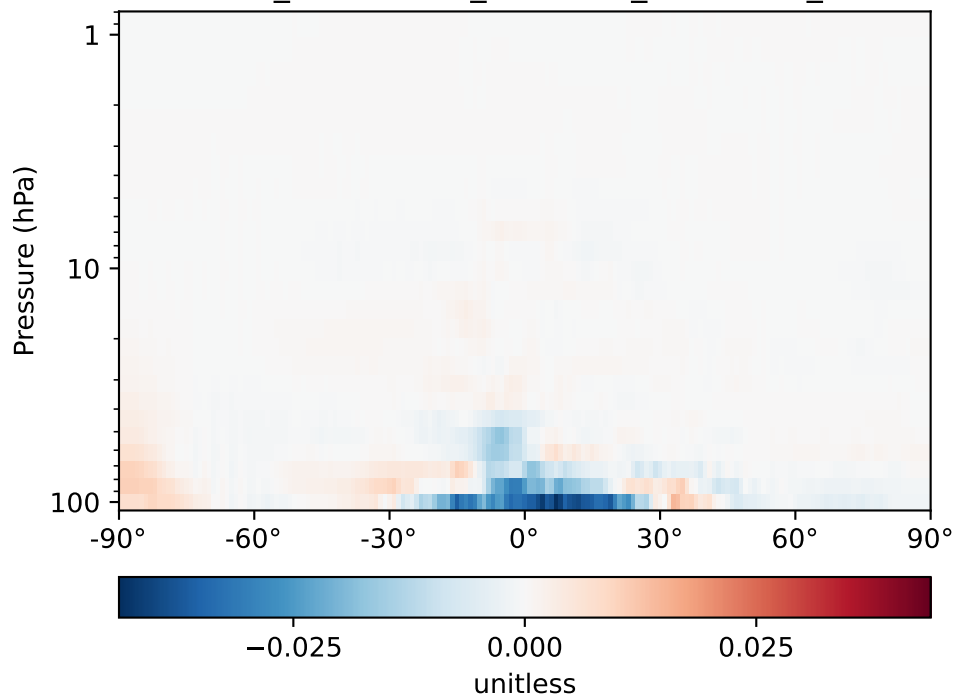
Difference (1x1.25)
Dev - Ref, Dynamic Range



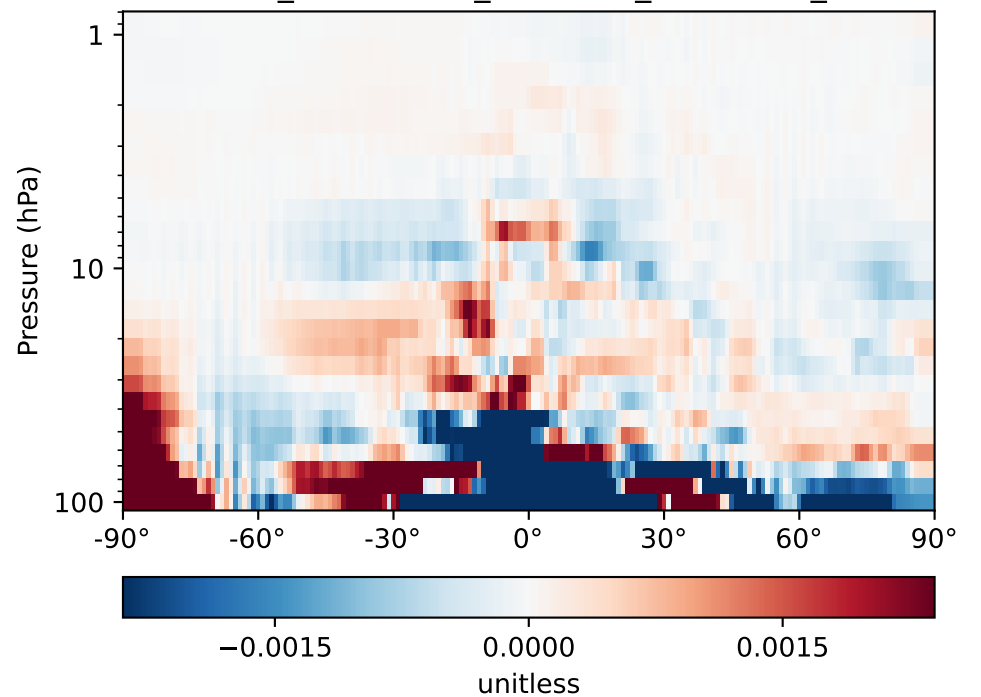
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

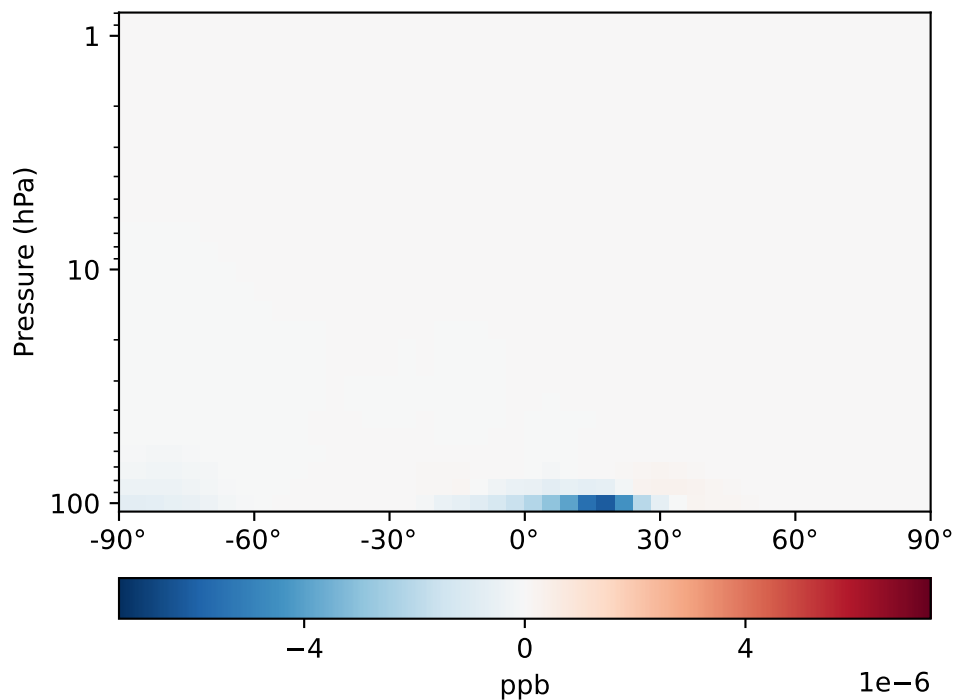


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

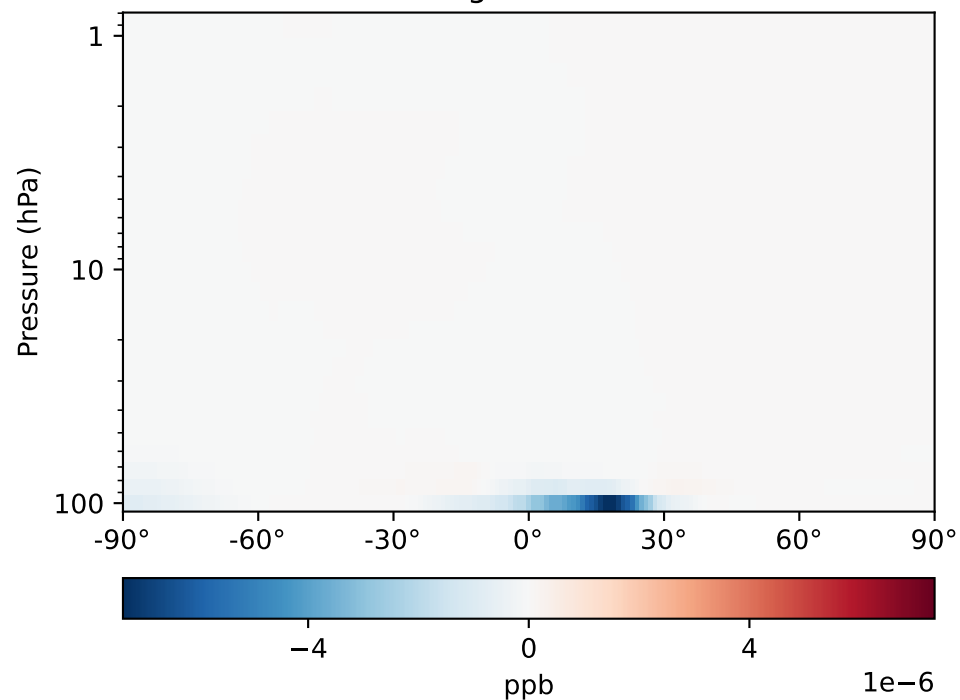


SpeciesConcVV_ETHN, Zonal Mean

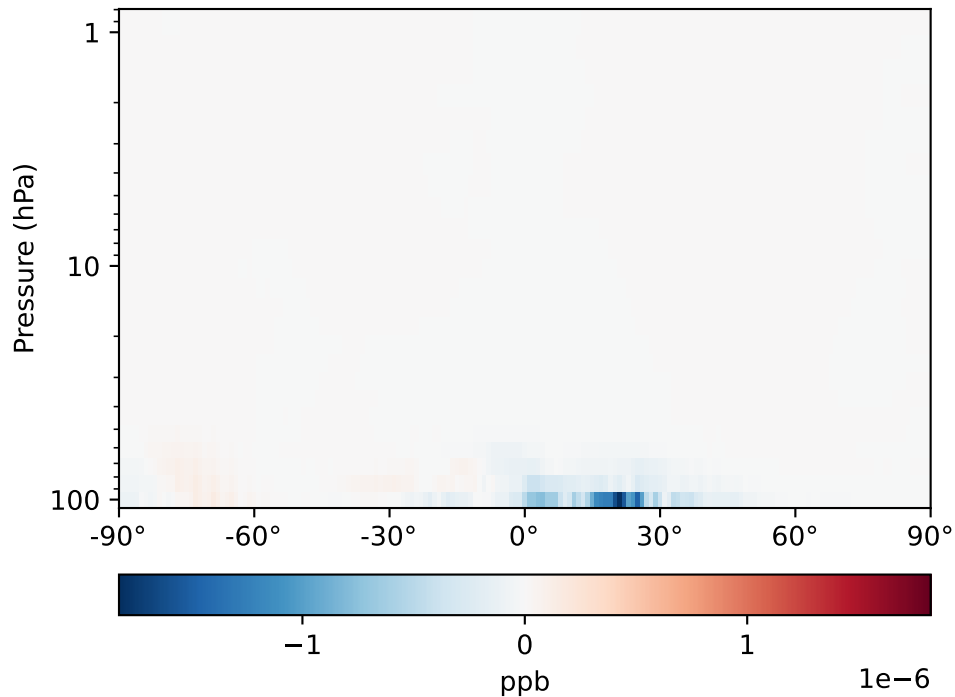
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



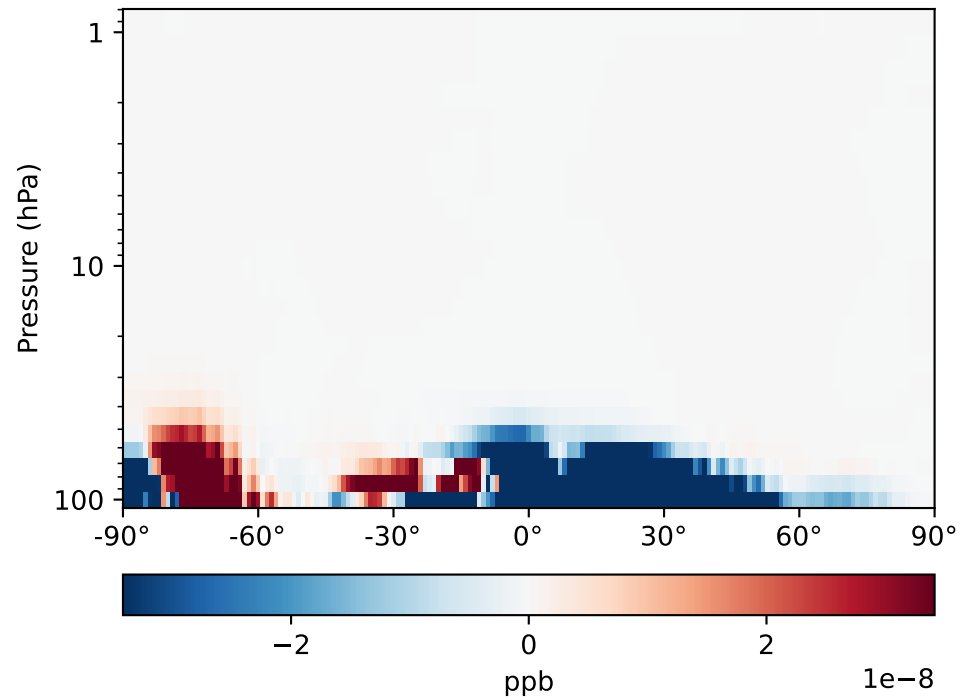
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regridged from c24



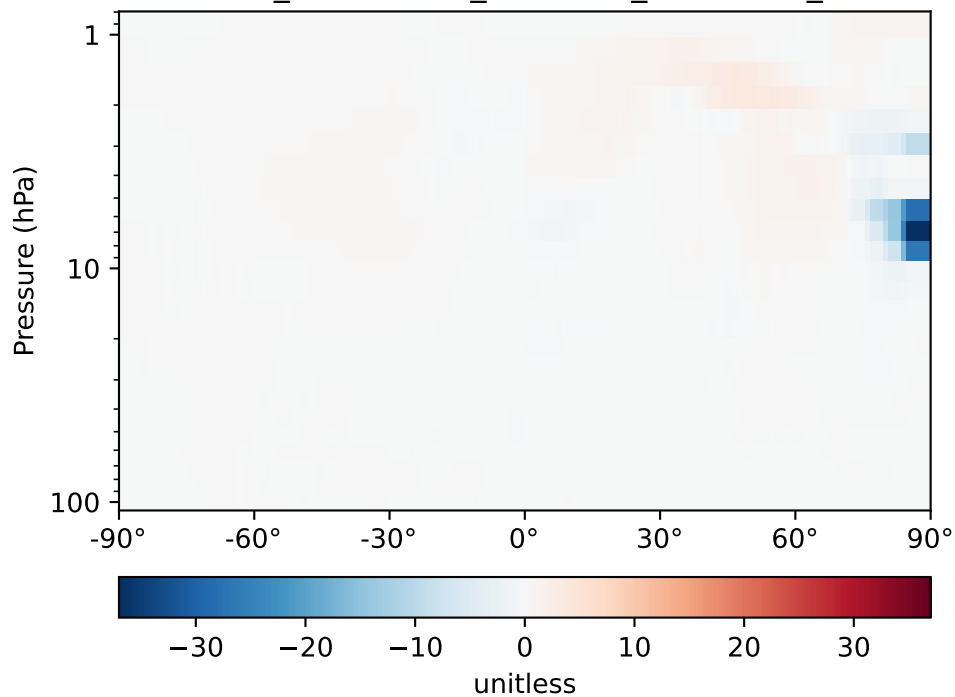
Difference (1x1.25)
Dev - Ref, Dynamic Range



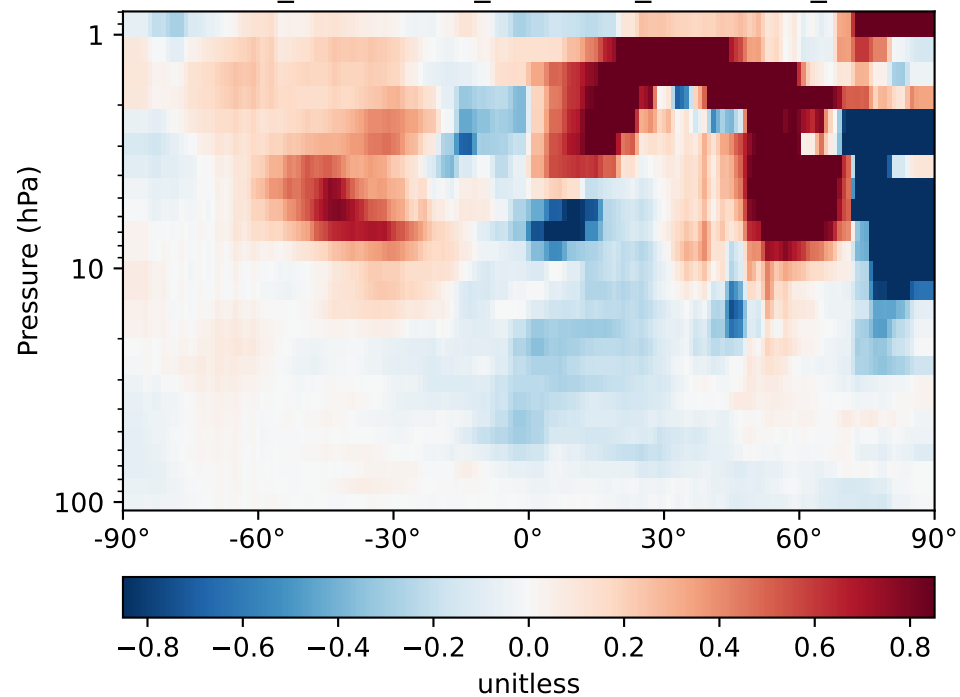
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

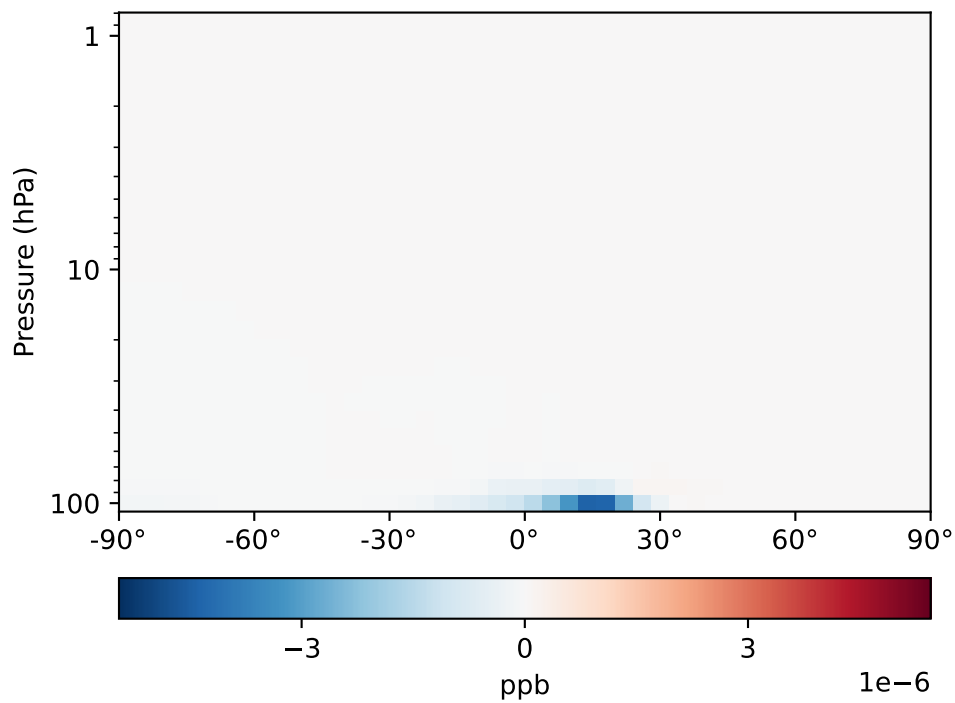


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

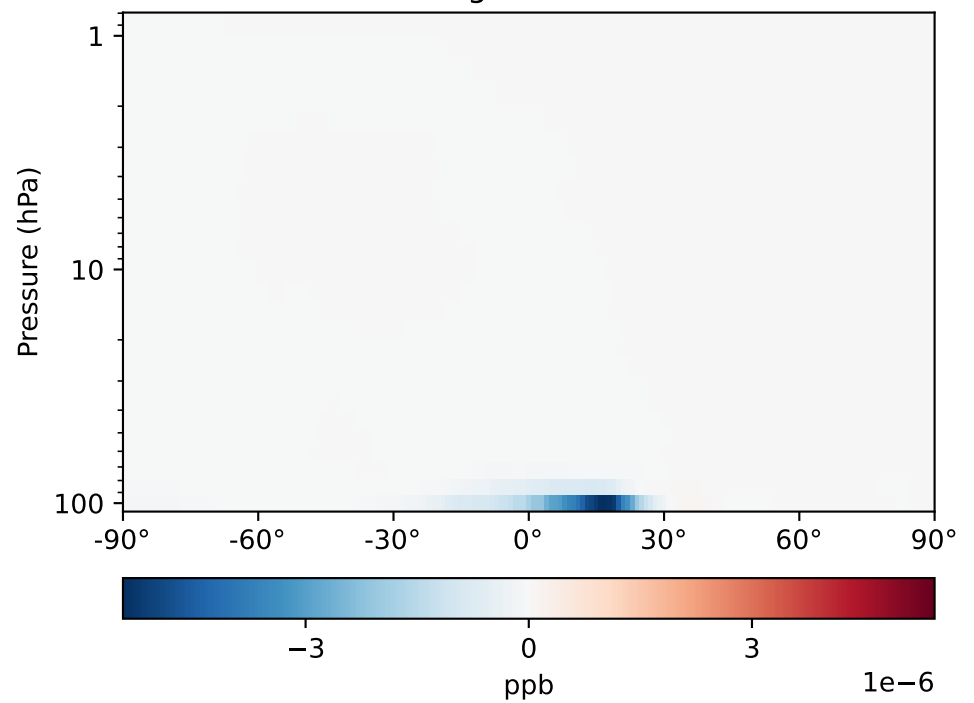


SpeciesConcVV_BZPAN, Zonal Mean

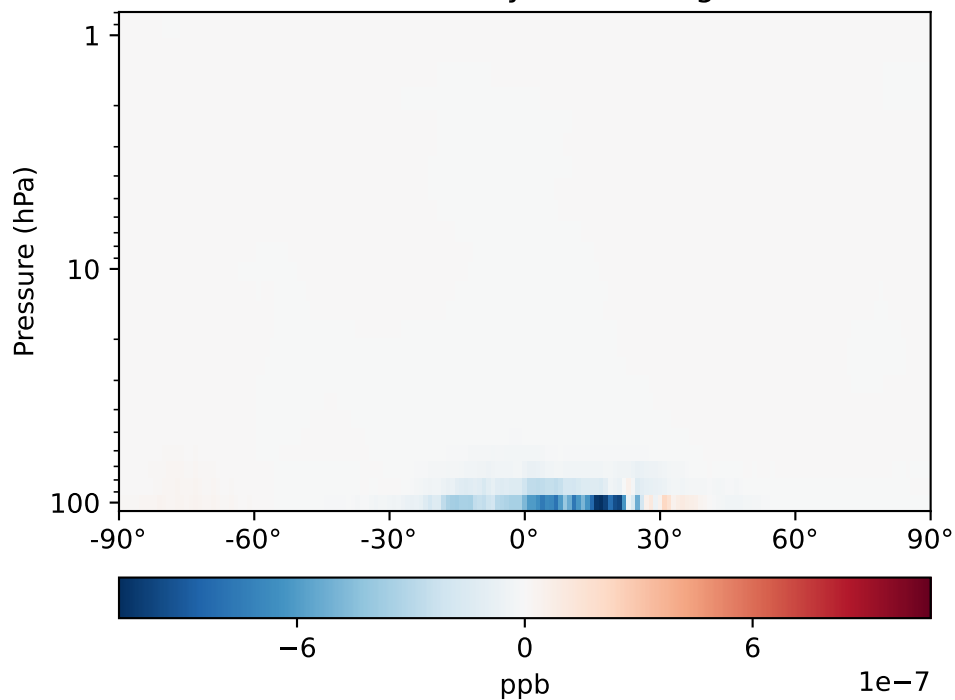
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



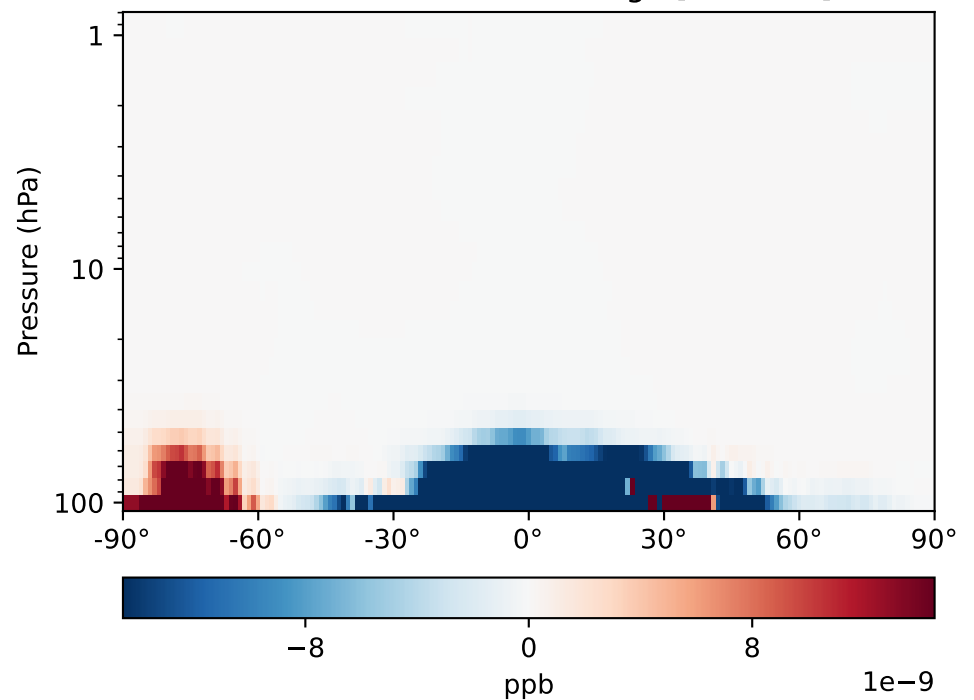
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



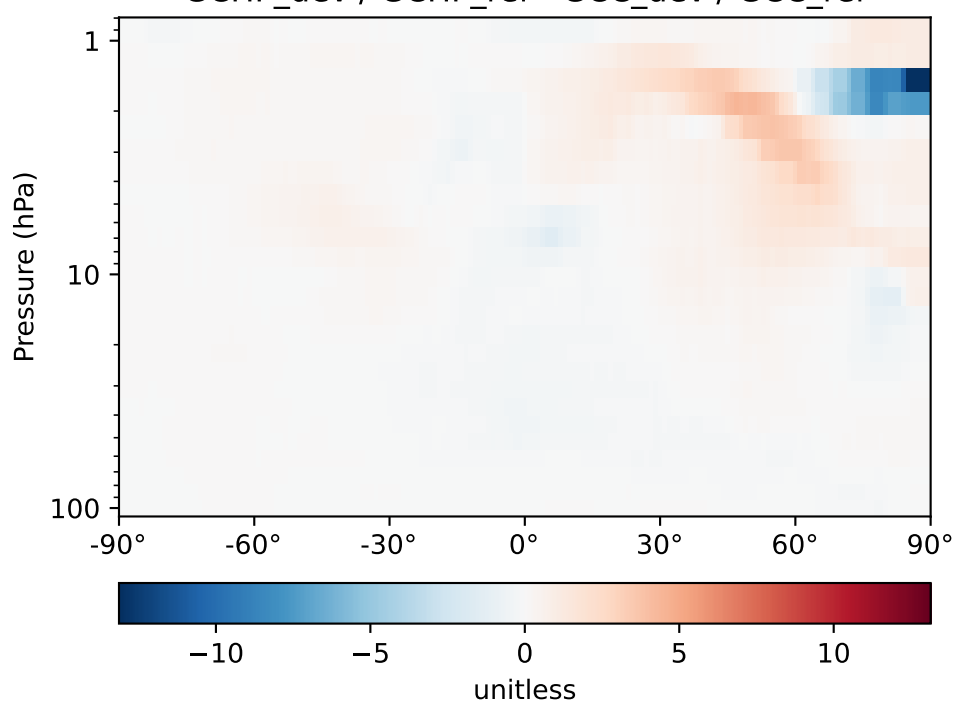
Difference (1x1.25)
Dev - Ref, Dynamic Range



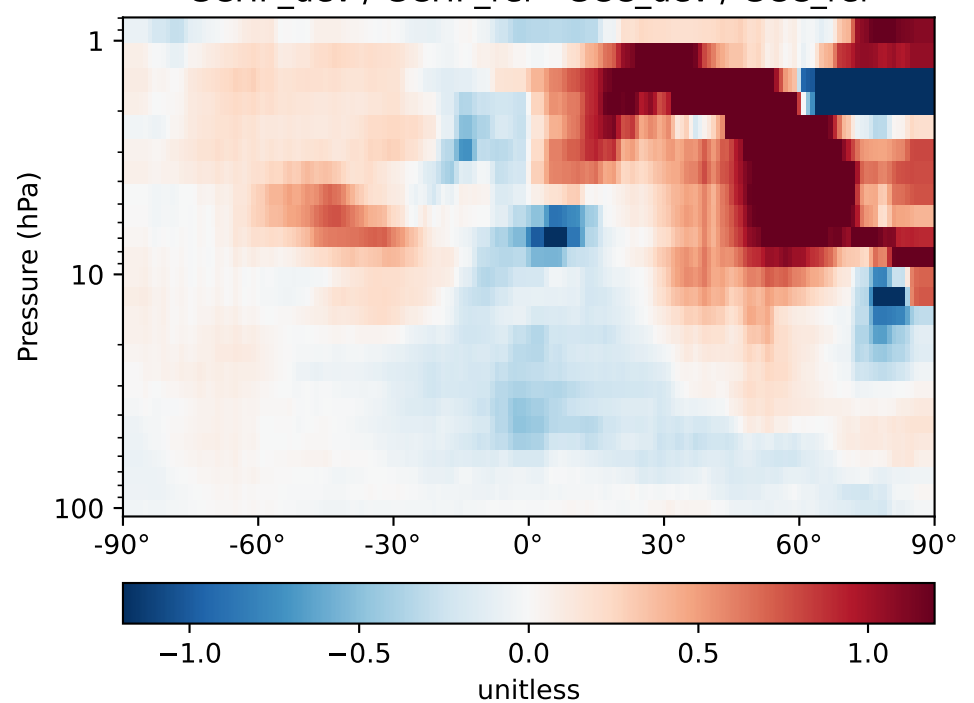
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

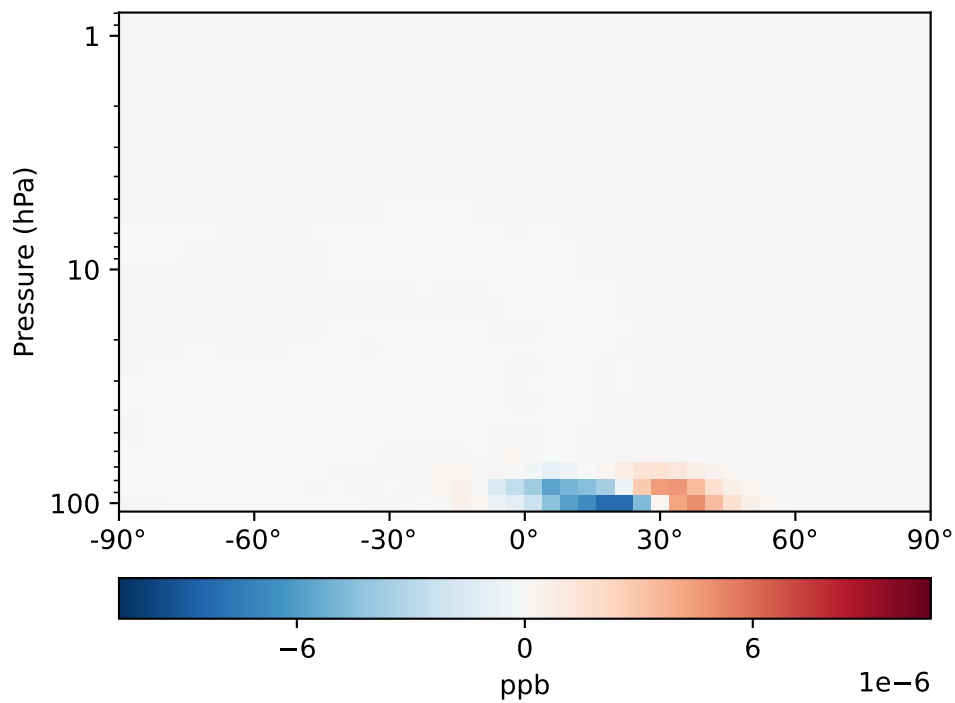


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

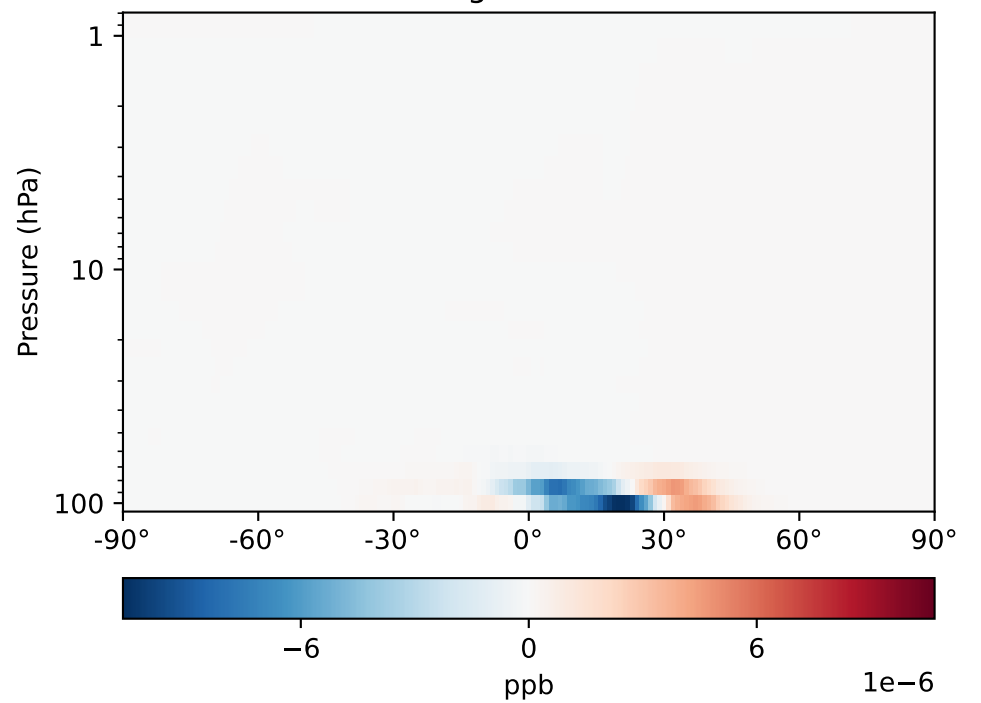


SpeciesConcVV_NPHEN, Zonal Mean

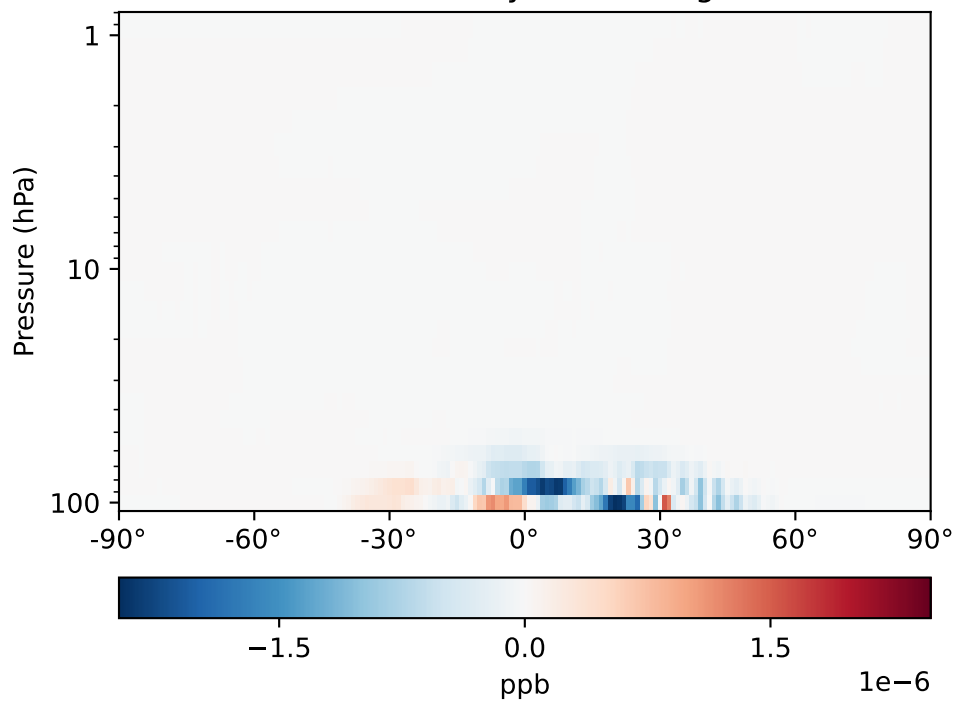
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



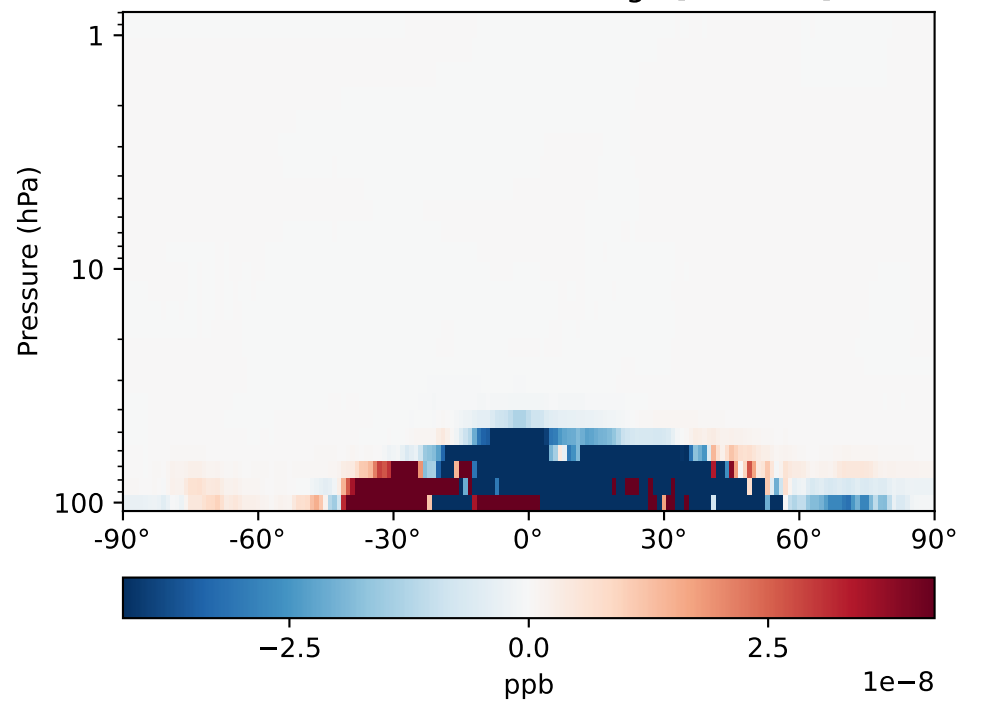
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
1x1.25 regrided from c24



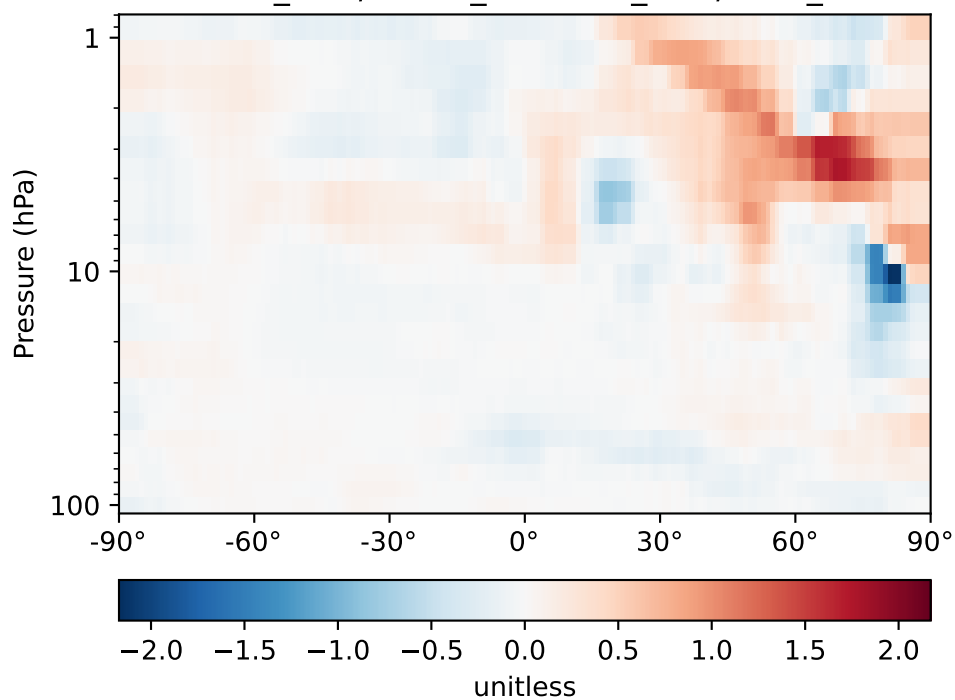
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

