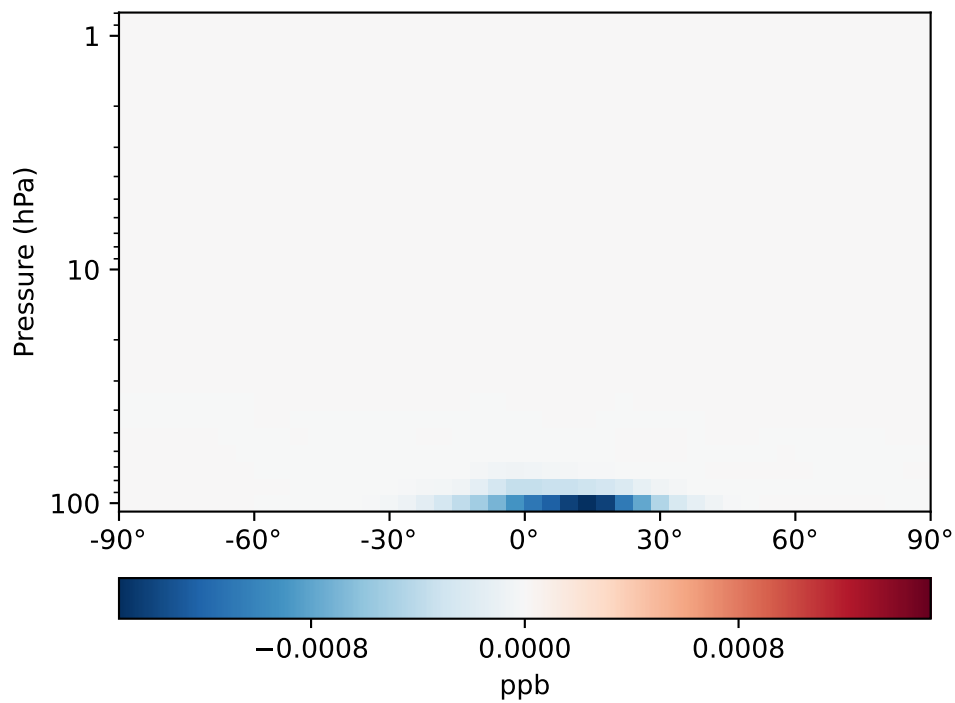
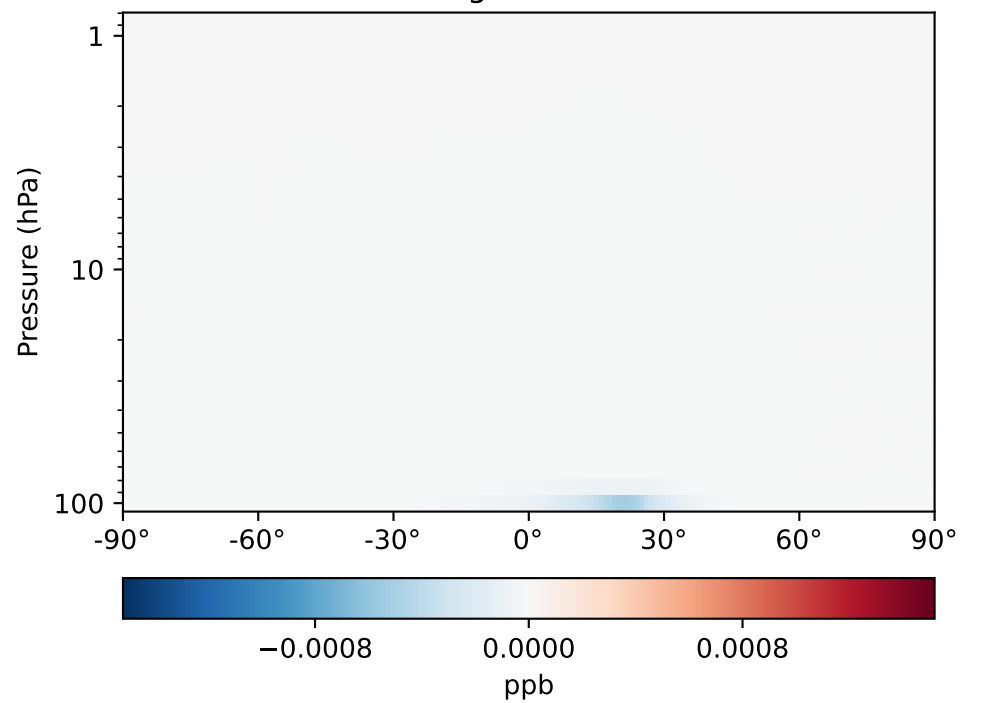


SpeciesConc_DST1, Zonal Mean

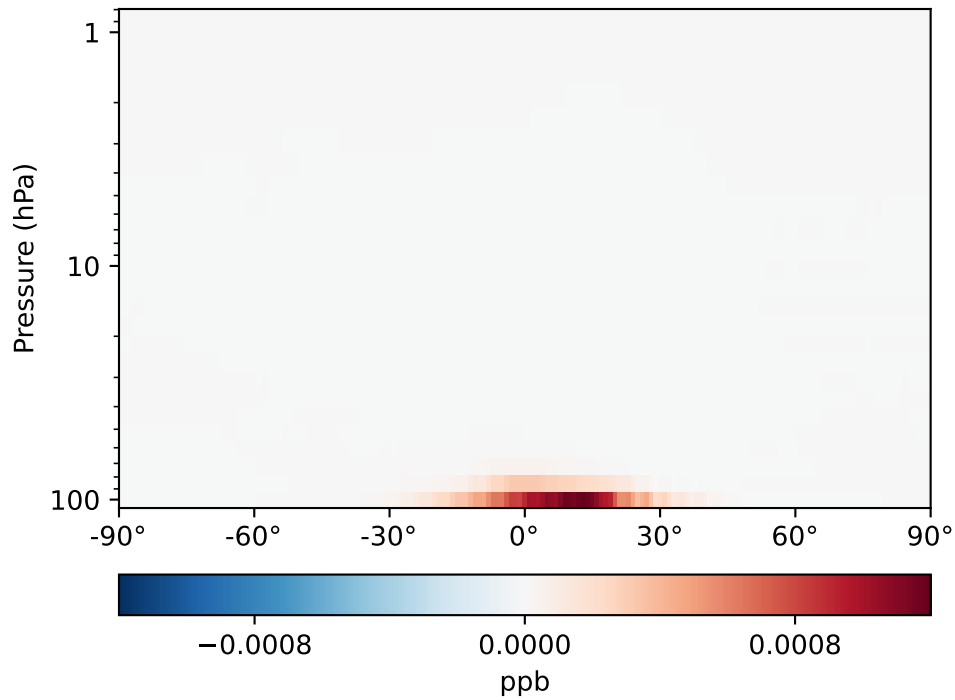
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



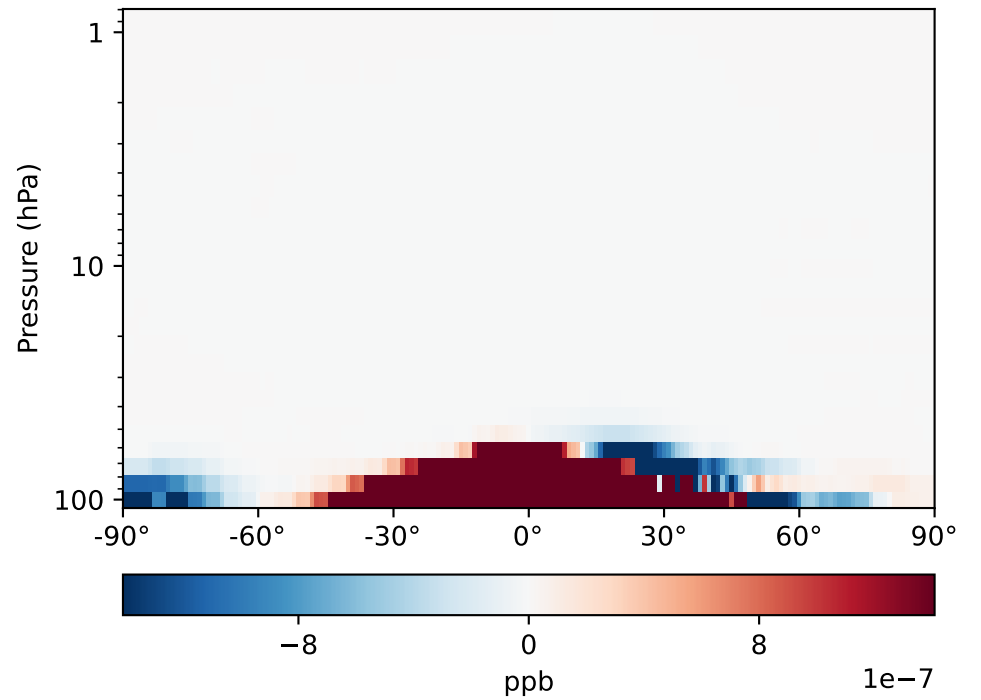
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



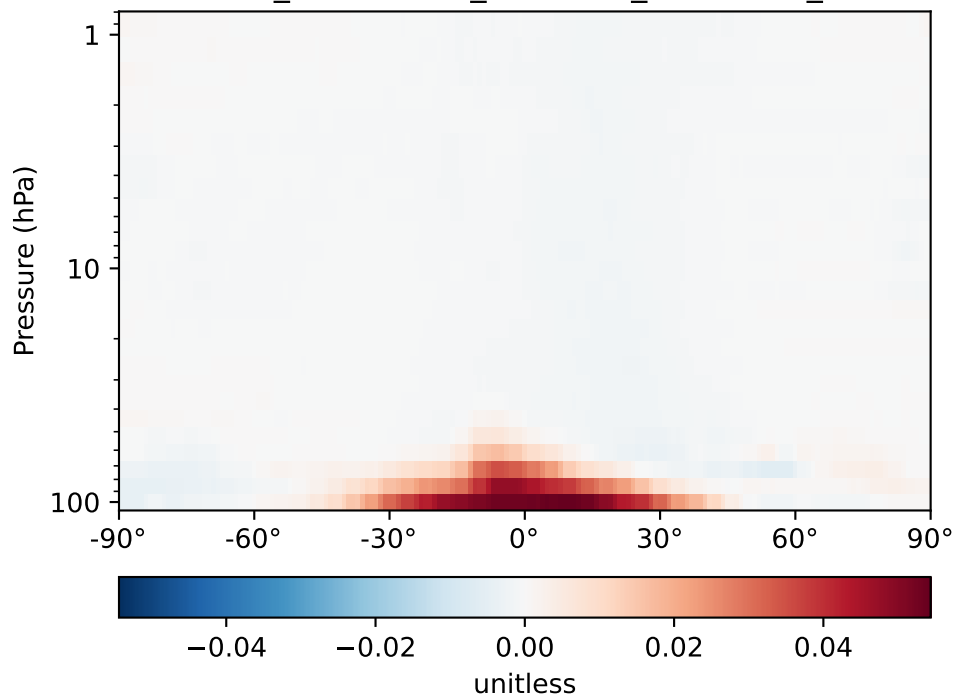
Difference (1x1.25)
Dev - Ref, Dynamic Range



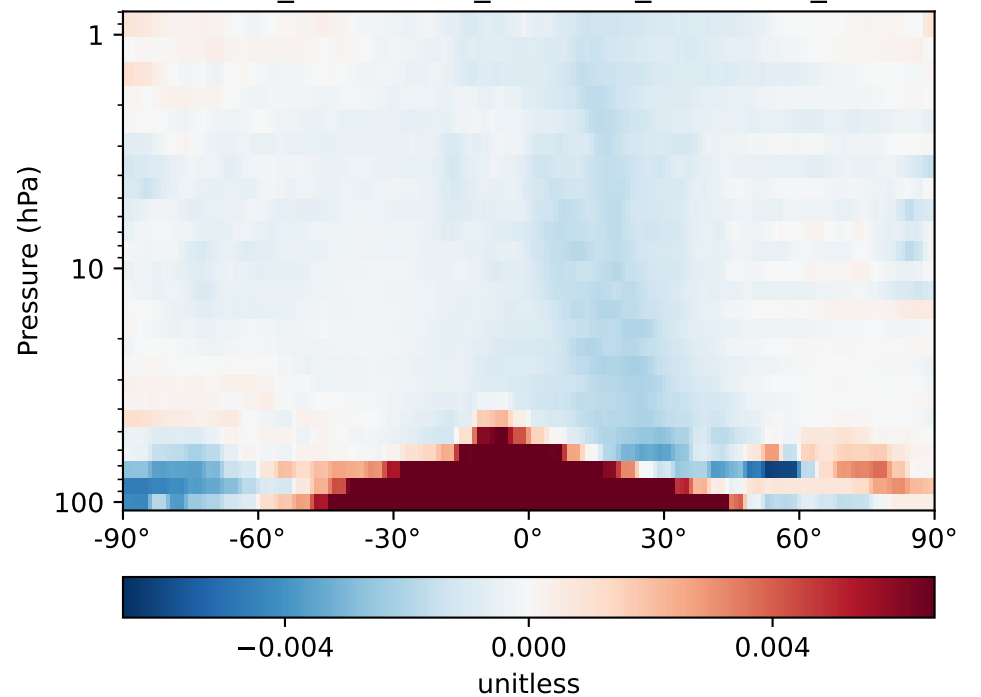
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

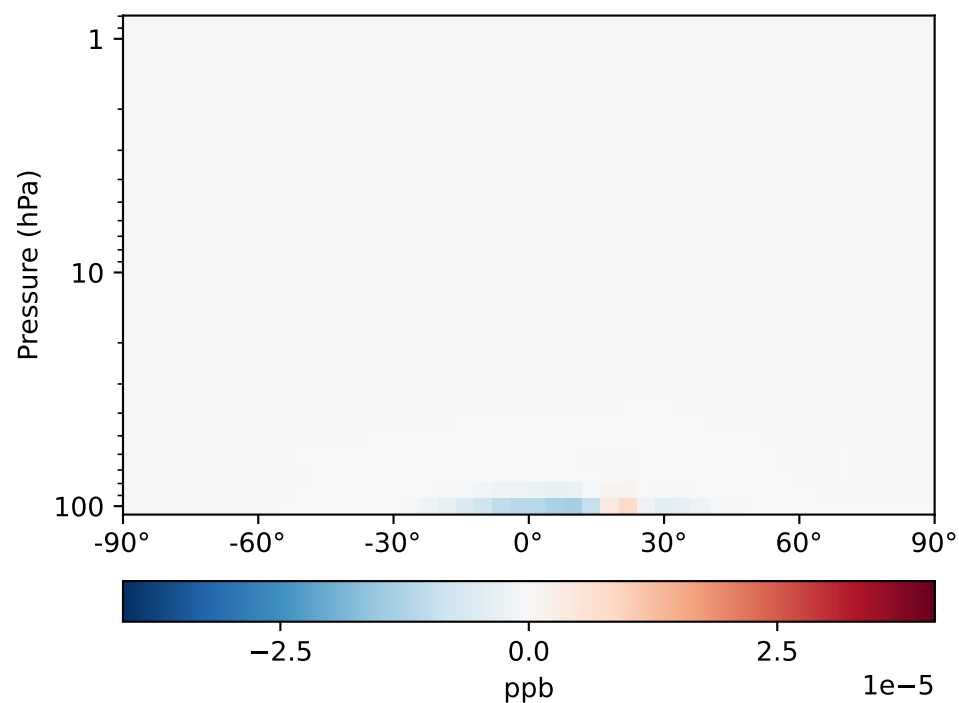


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

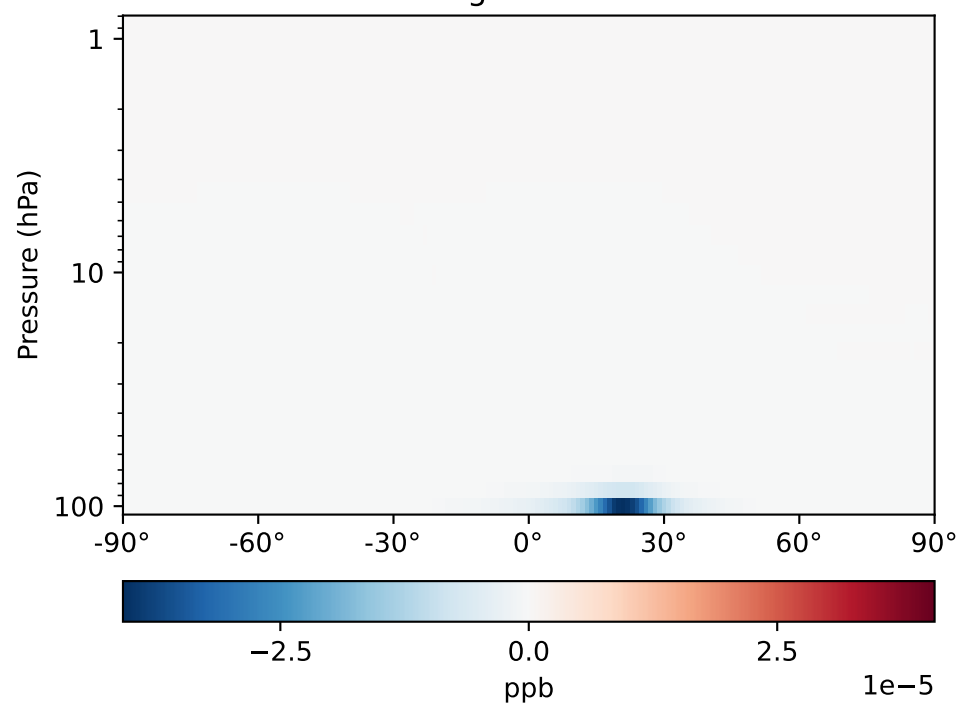


SpeciesConc_DST2, Zonal Mean

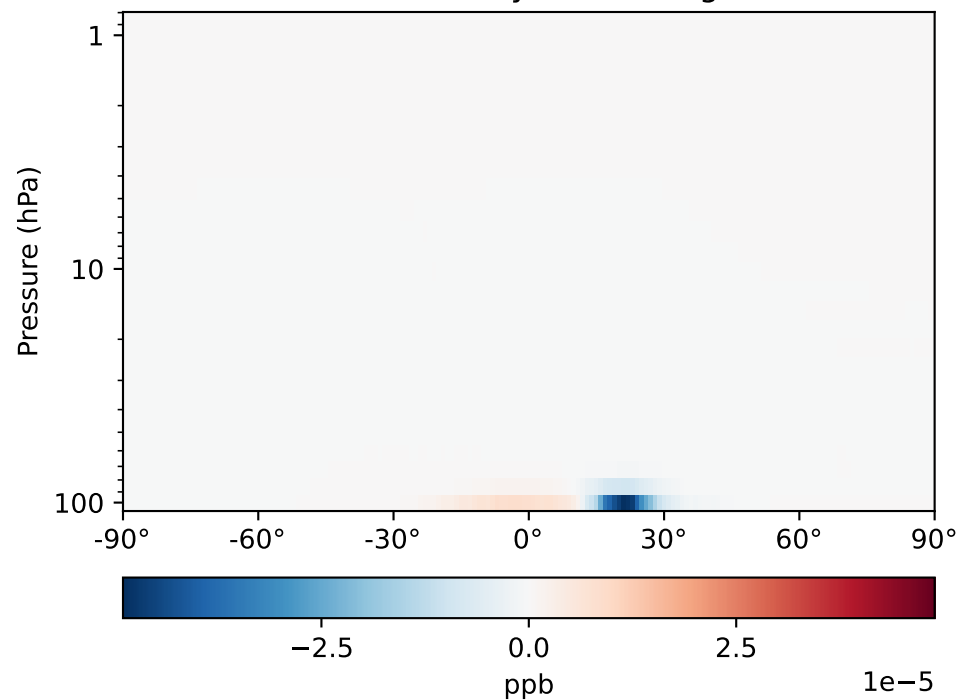
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



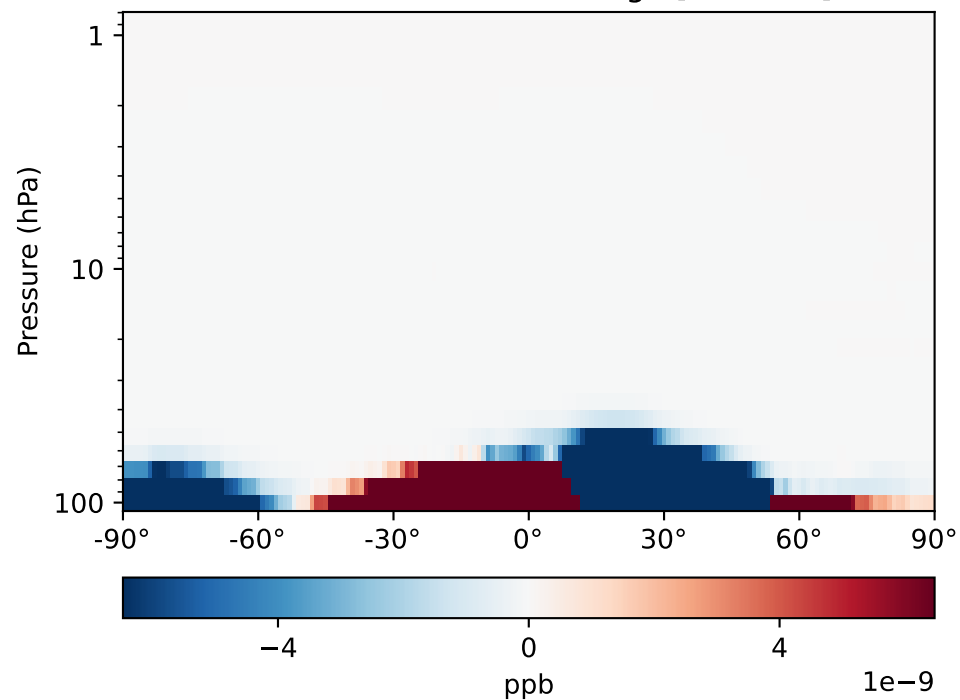
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



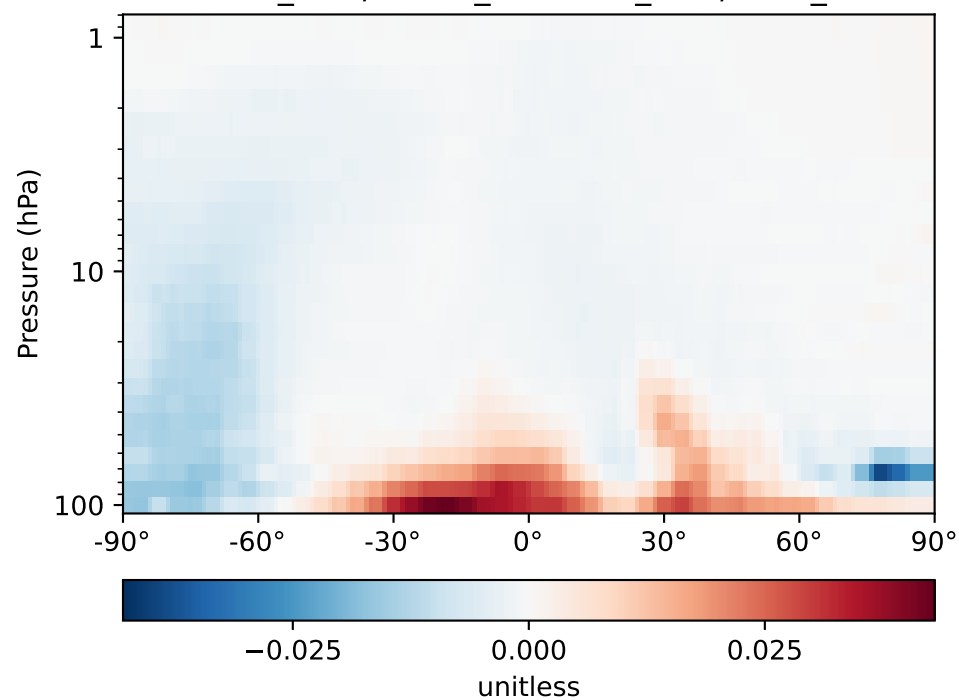
Difference (1x1.25)
Dev - Ref, Dynamic Range



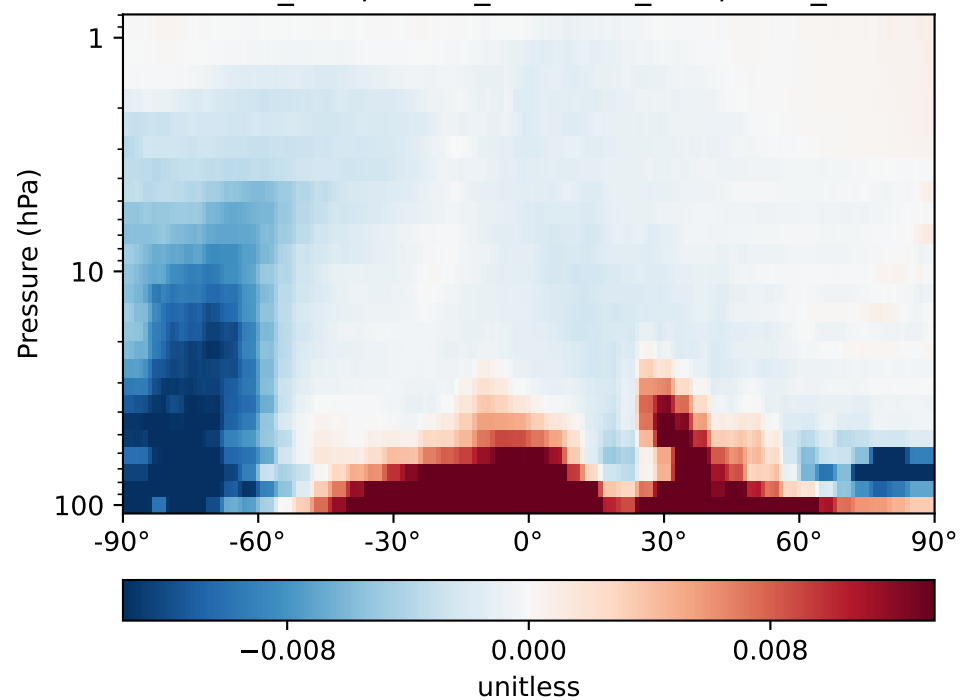
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

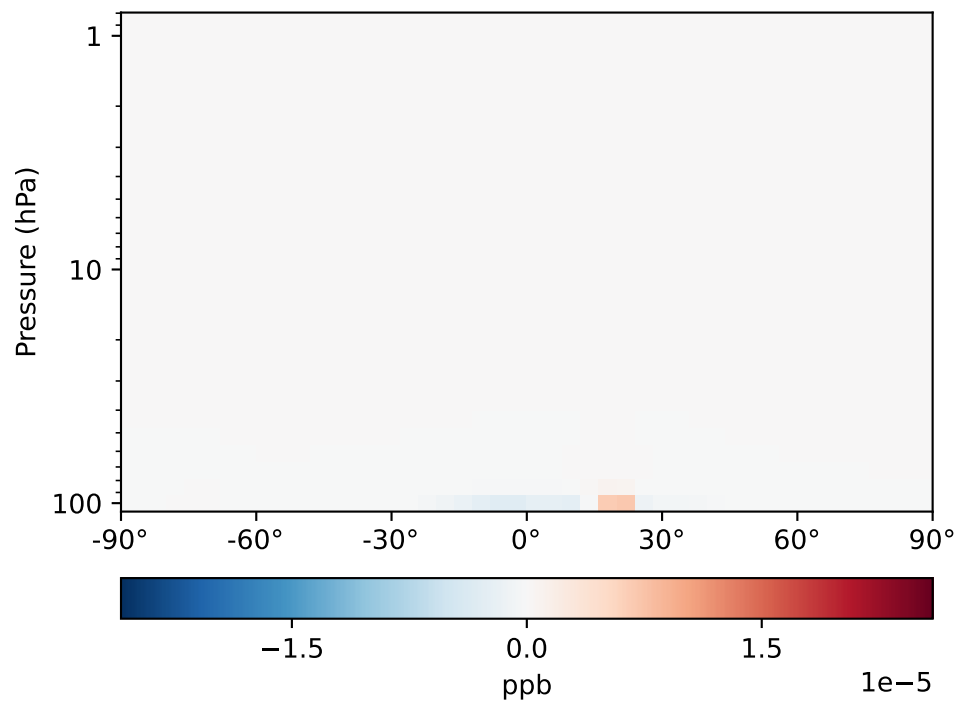


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

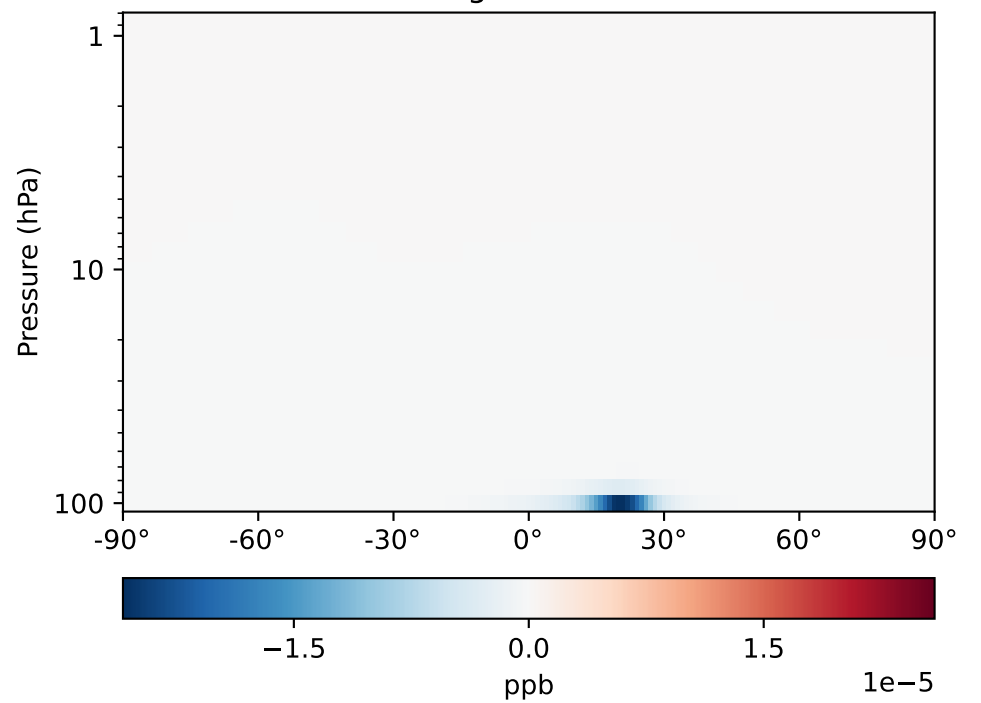


SpeciesConc_DST3, Zonal Mean

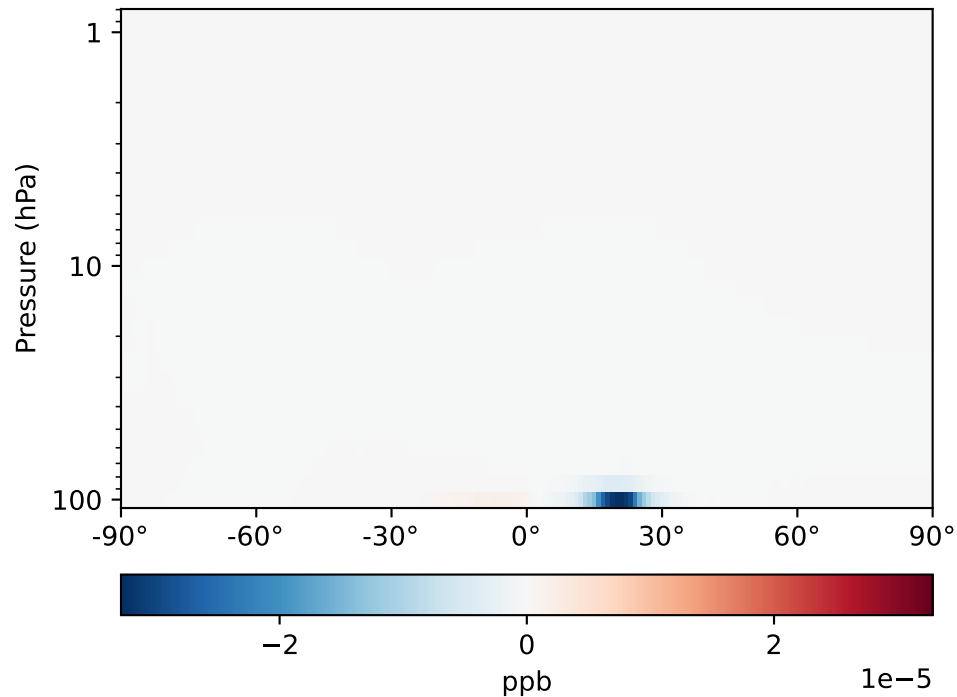
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



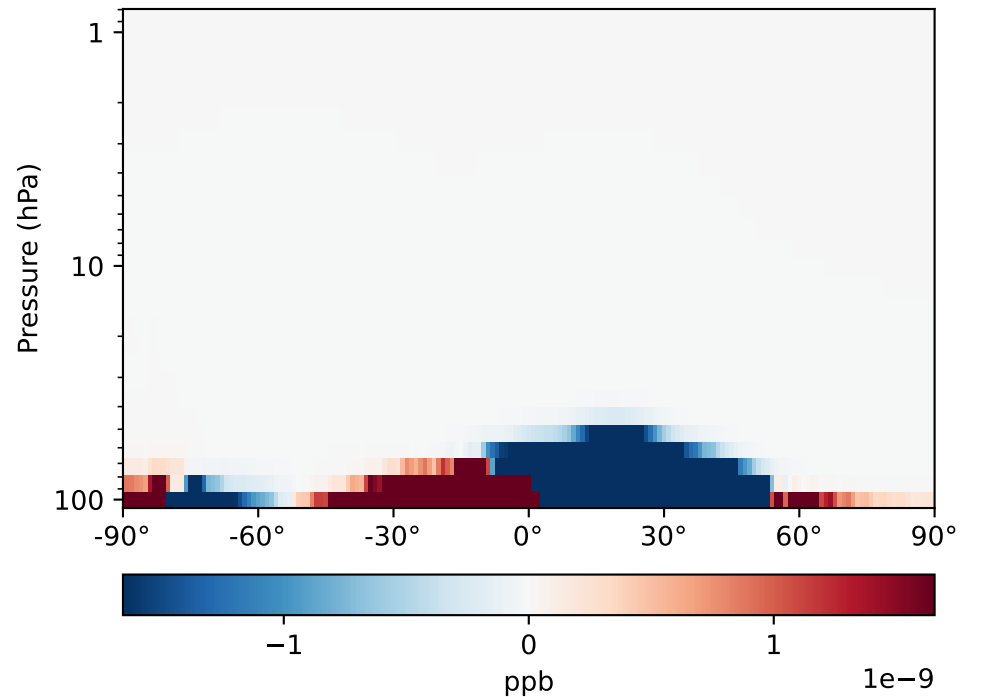
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



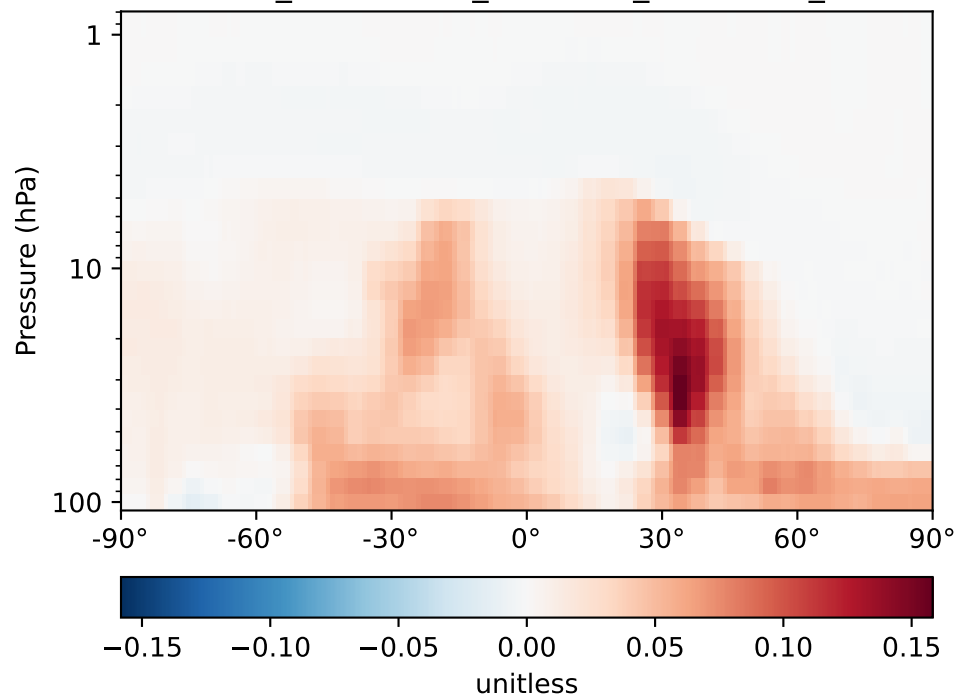
Difference (1x1.25)
Dev - Ref, Dynamic Range



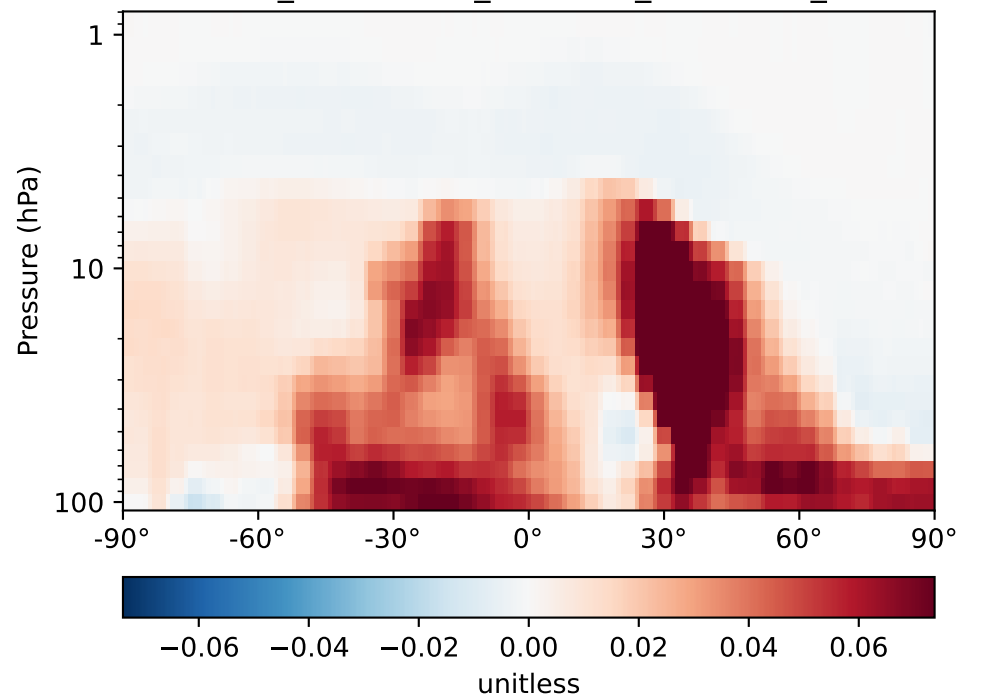
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

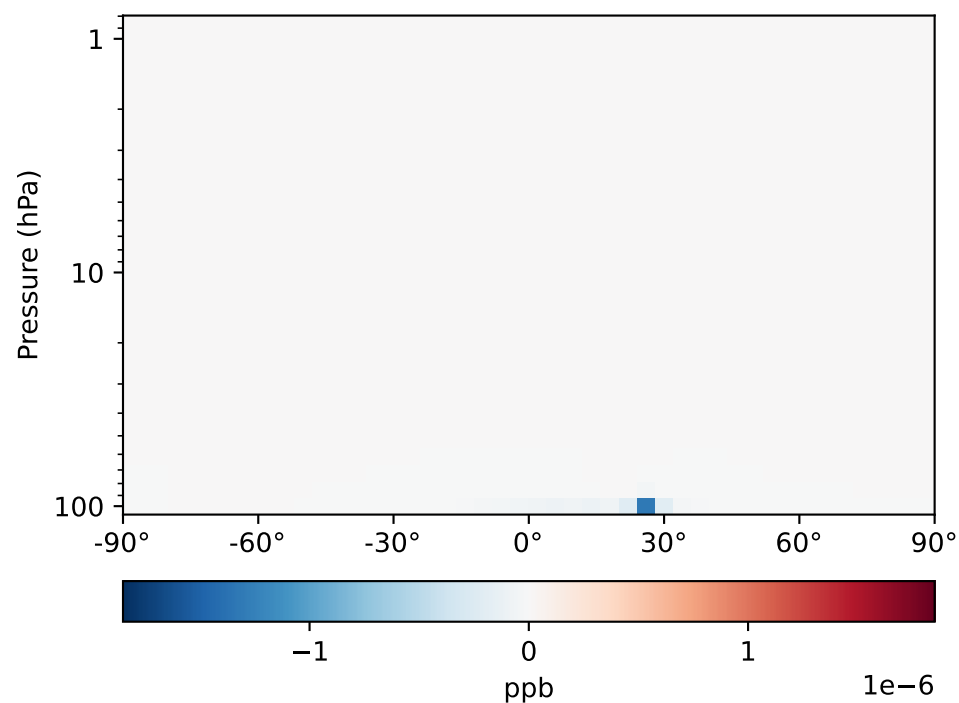


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

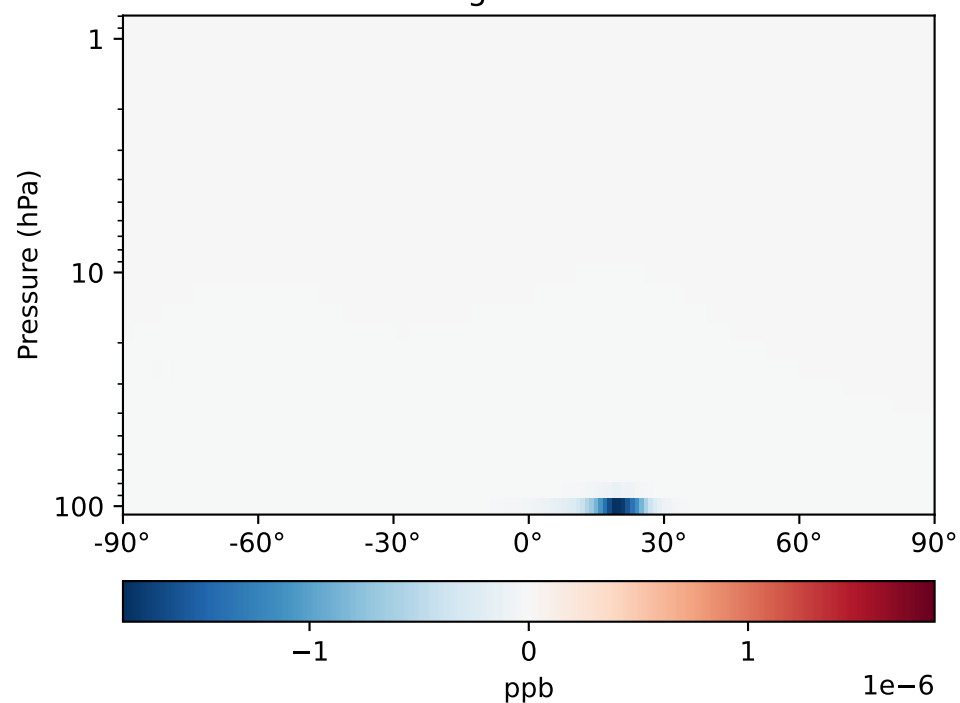


SpeciesConc_DST4, Zonal Mean

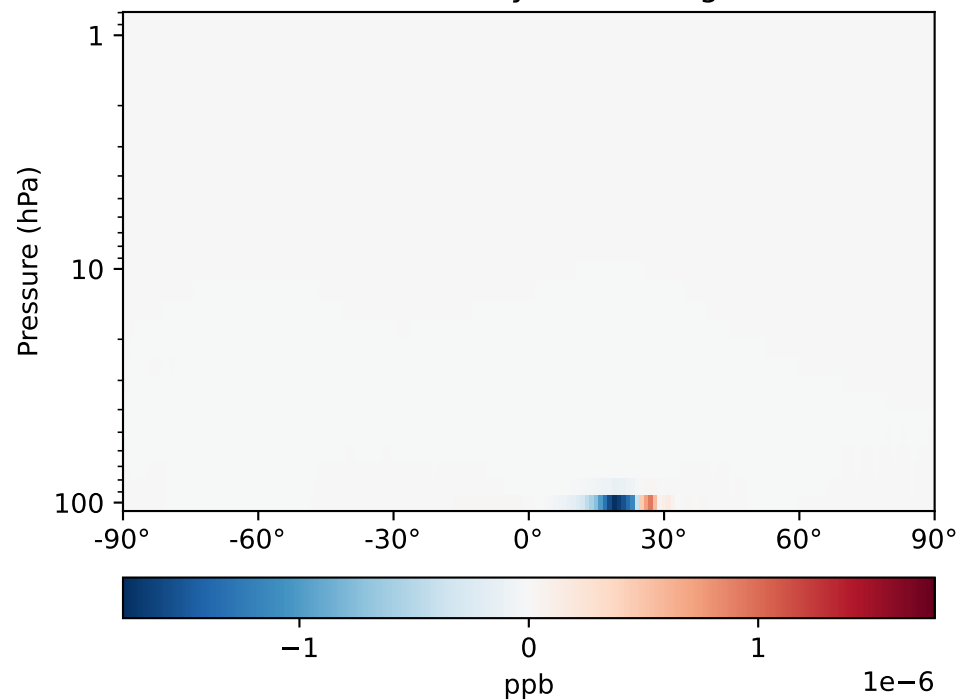
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



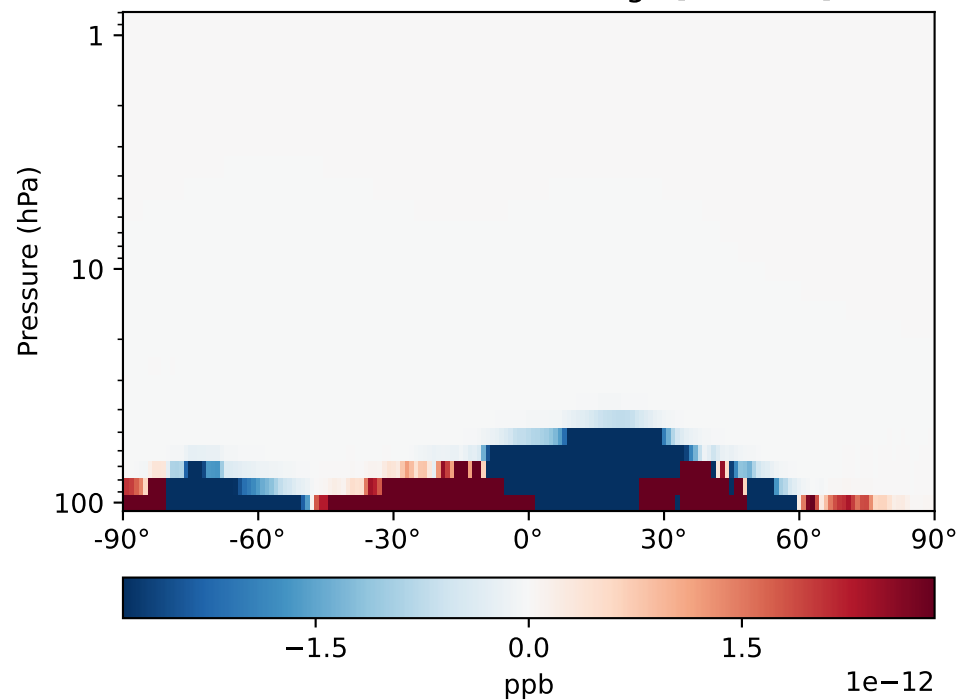
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



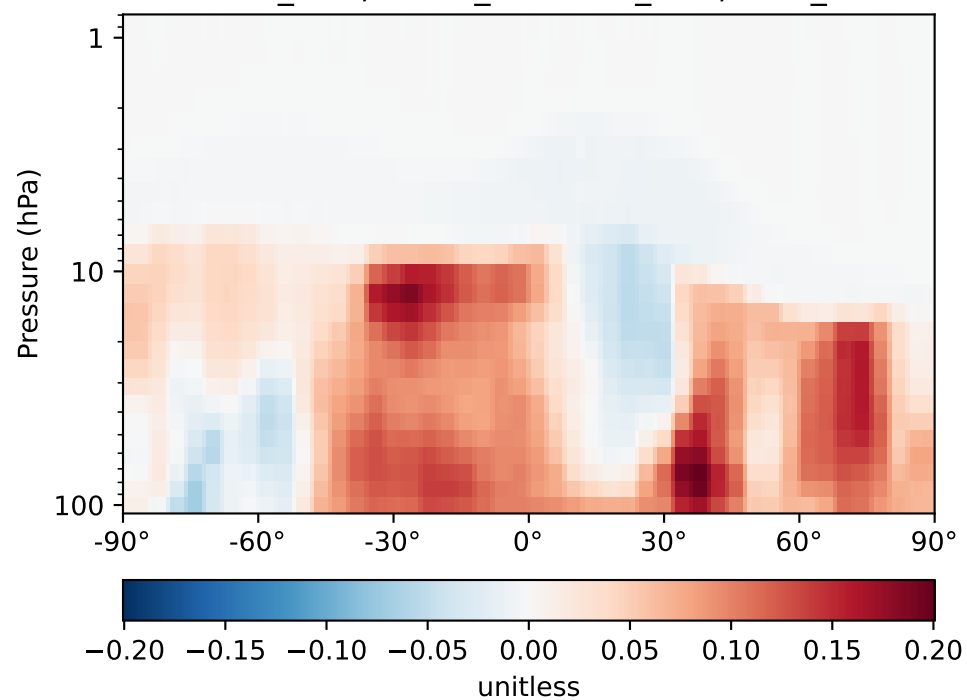
Difference (1x1.25)
Dev - Ref, Dynamic Range



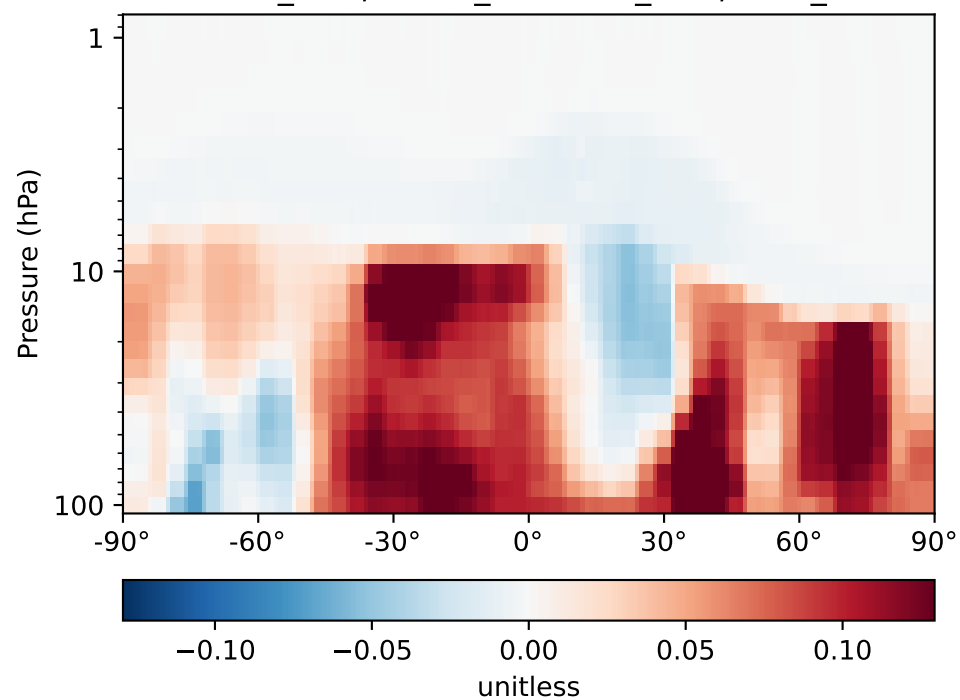
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

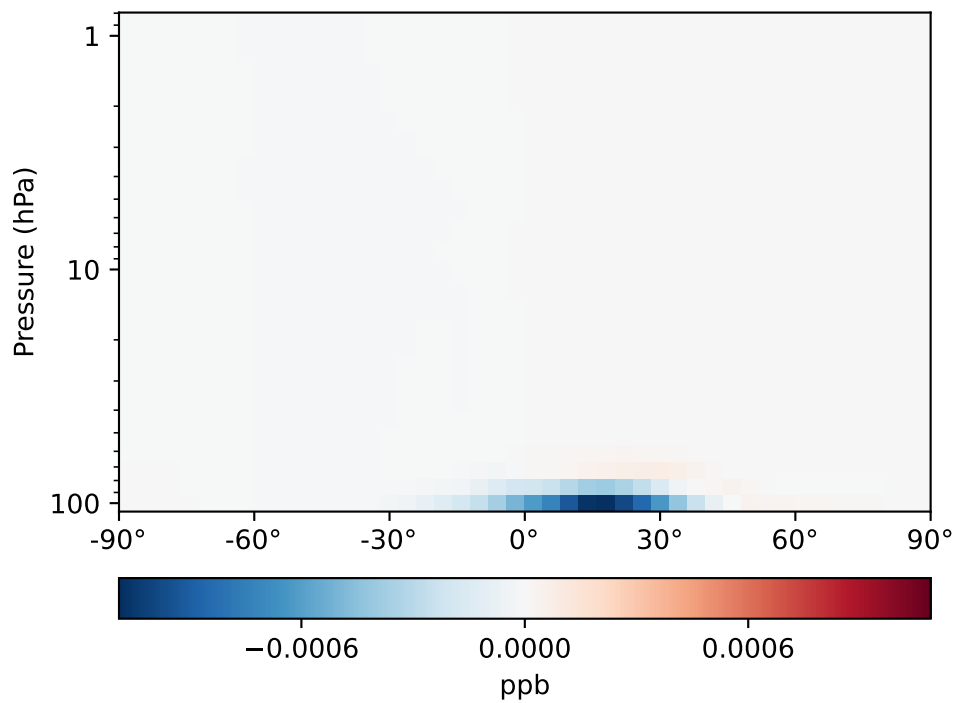


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

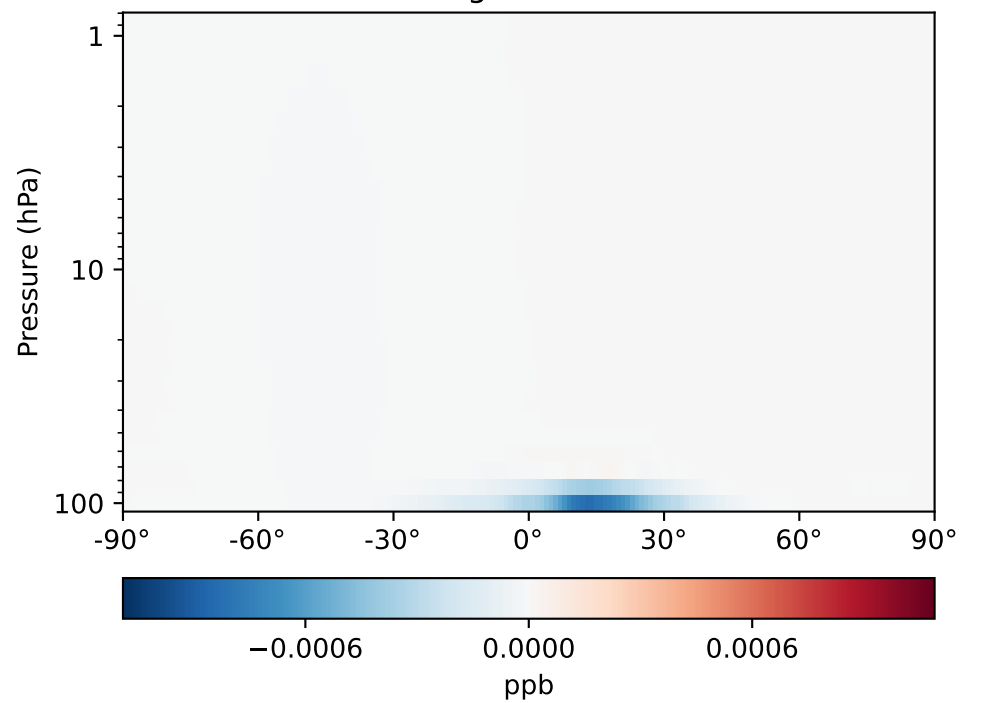


SpeciesConc_NH4, Zonal Mean

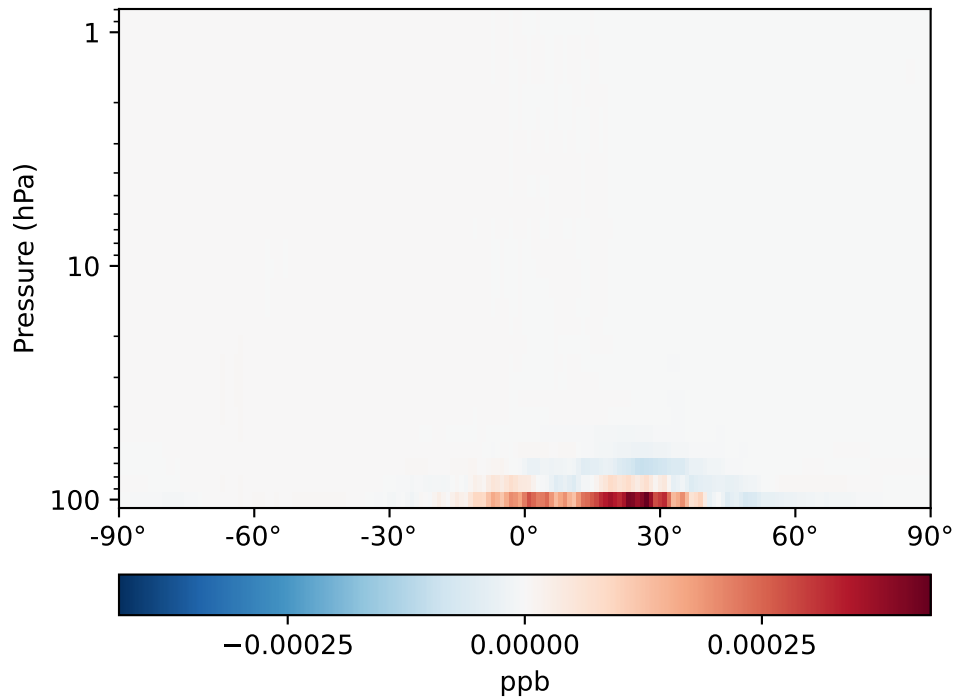
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



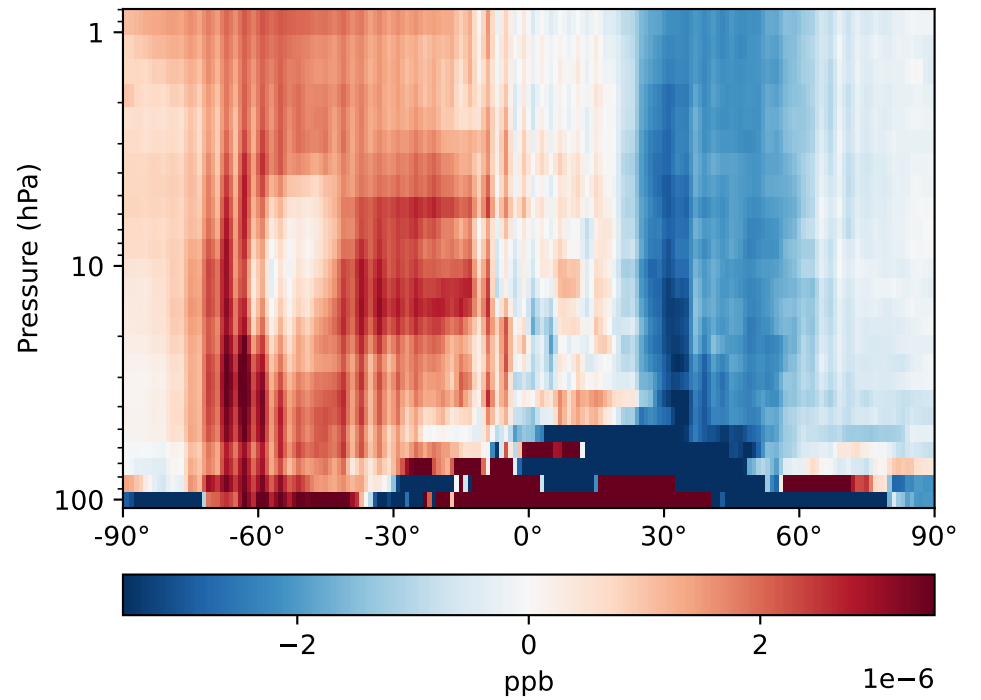
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



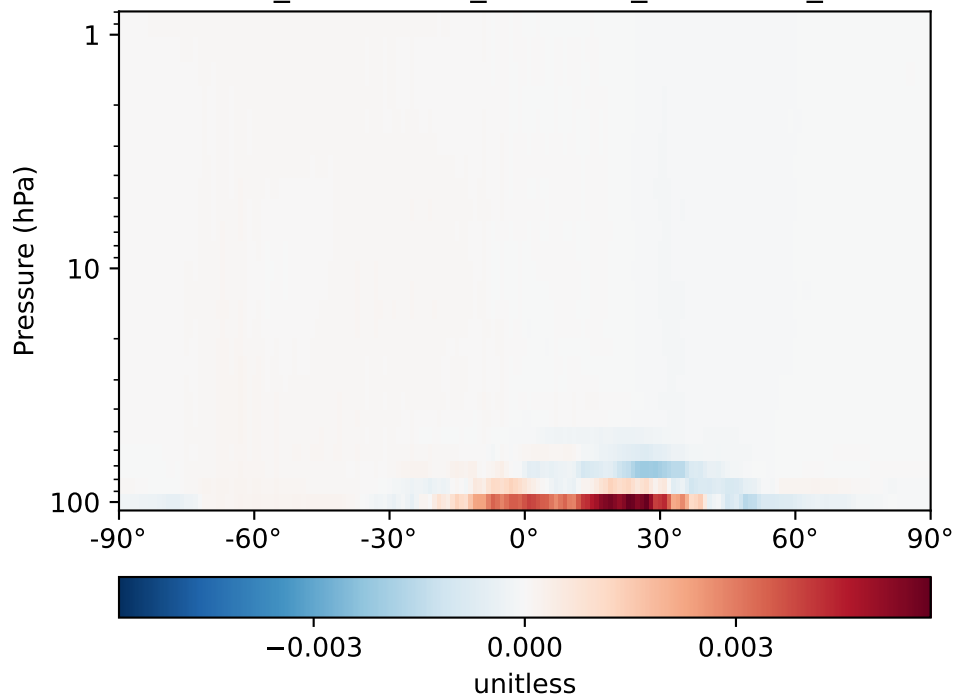
Difference (1x1.25)
Dev - Ref, Dynamic Range



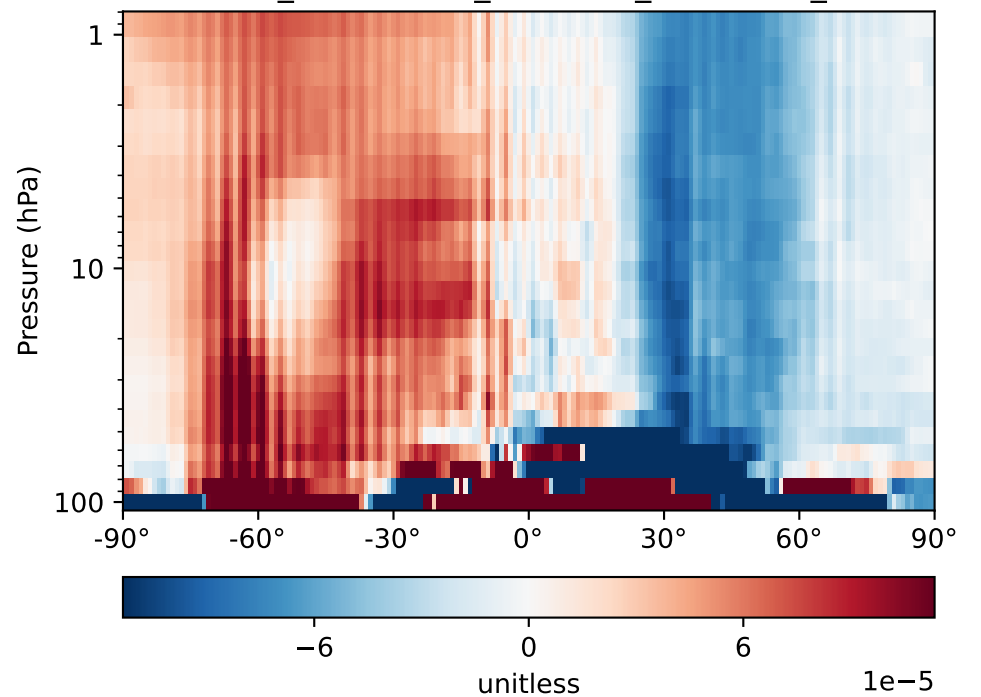
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

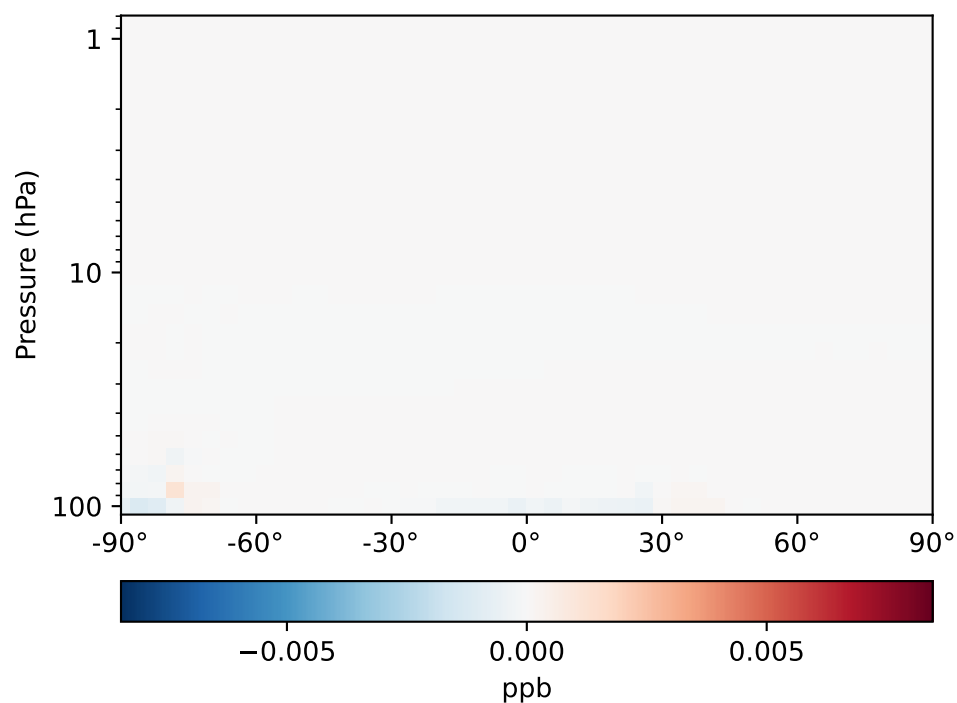


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

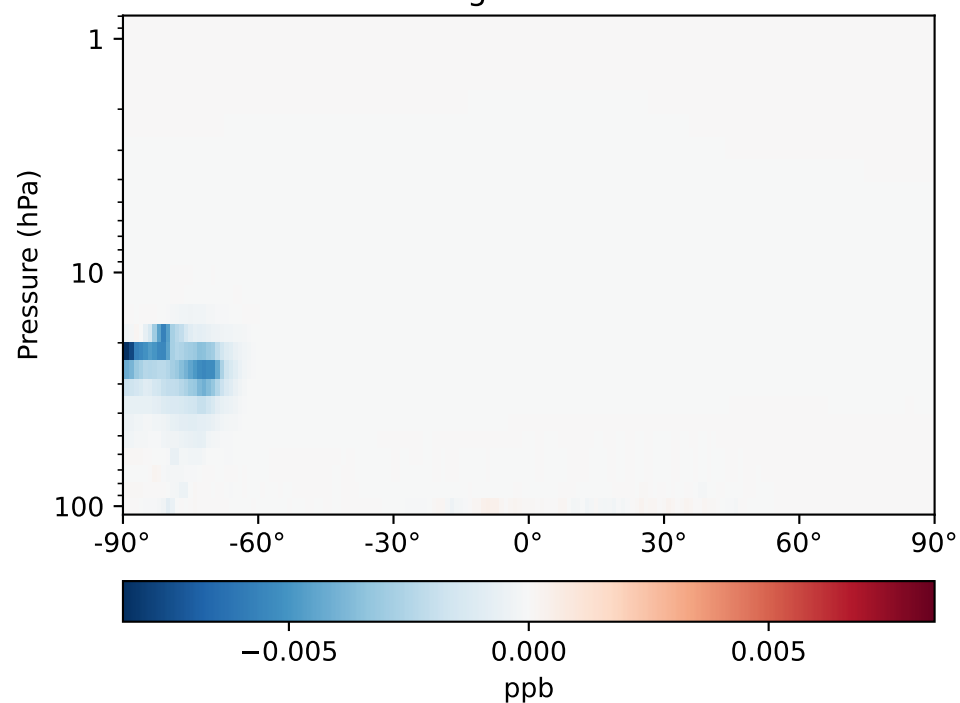


SpeciesConc_NIT, Zonal Mean

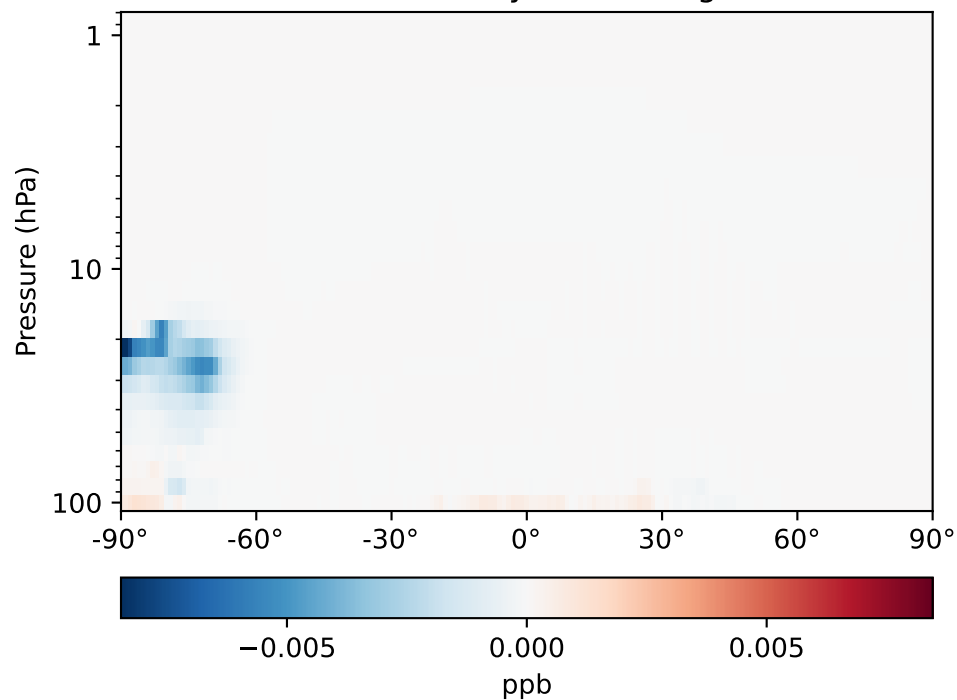
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



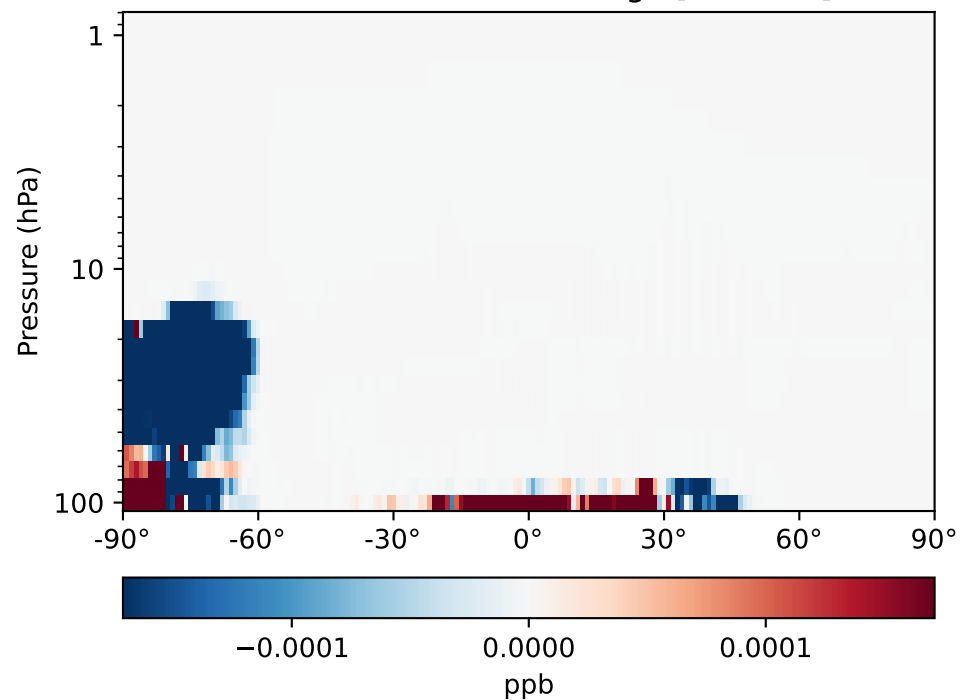
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



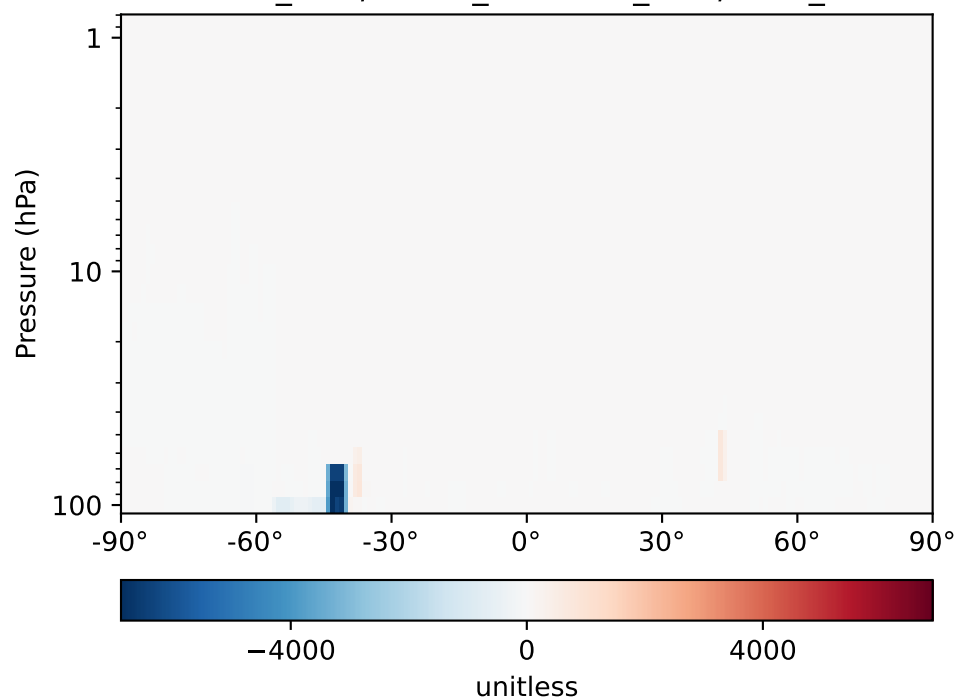
Difference (1x1.25)
Dev - Ref, Dynamic Range



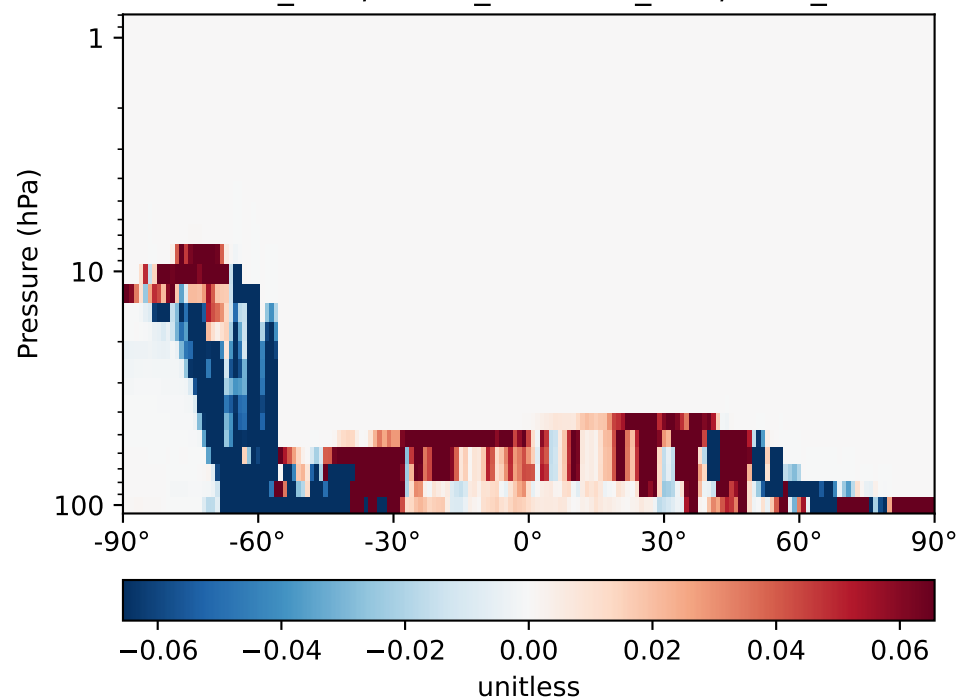
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

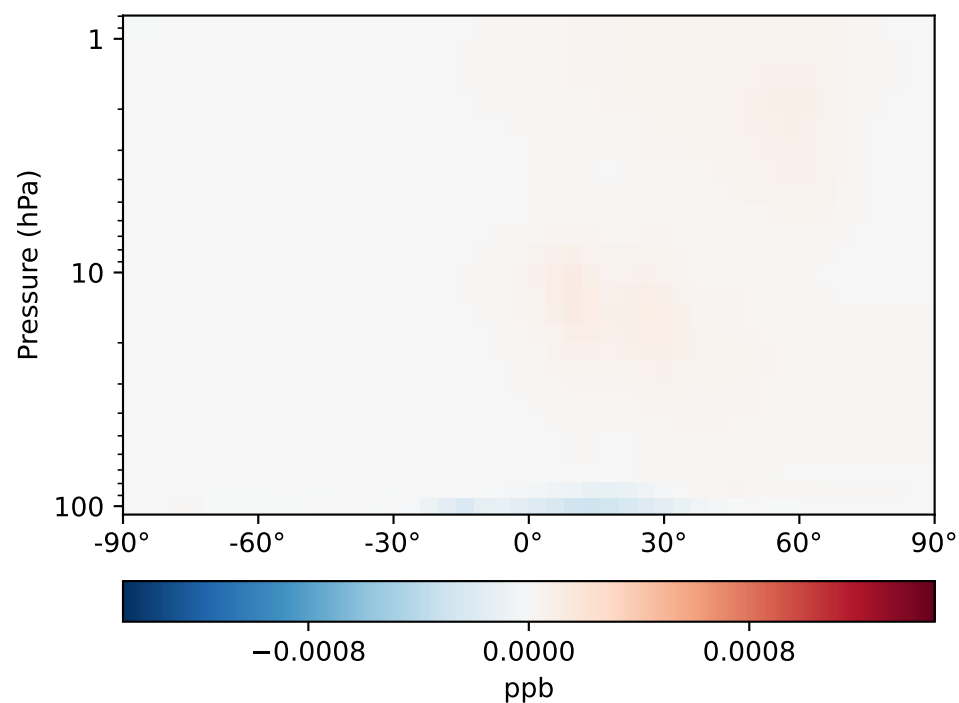


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

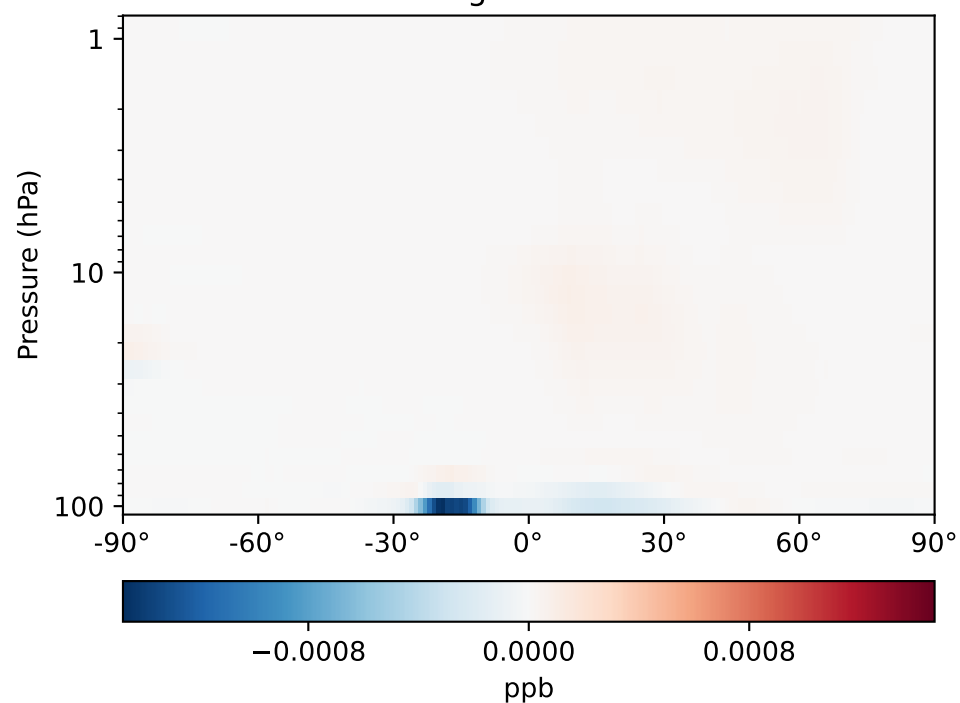


SpeciesConc_SO4, Zonal Mean

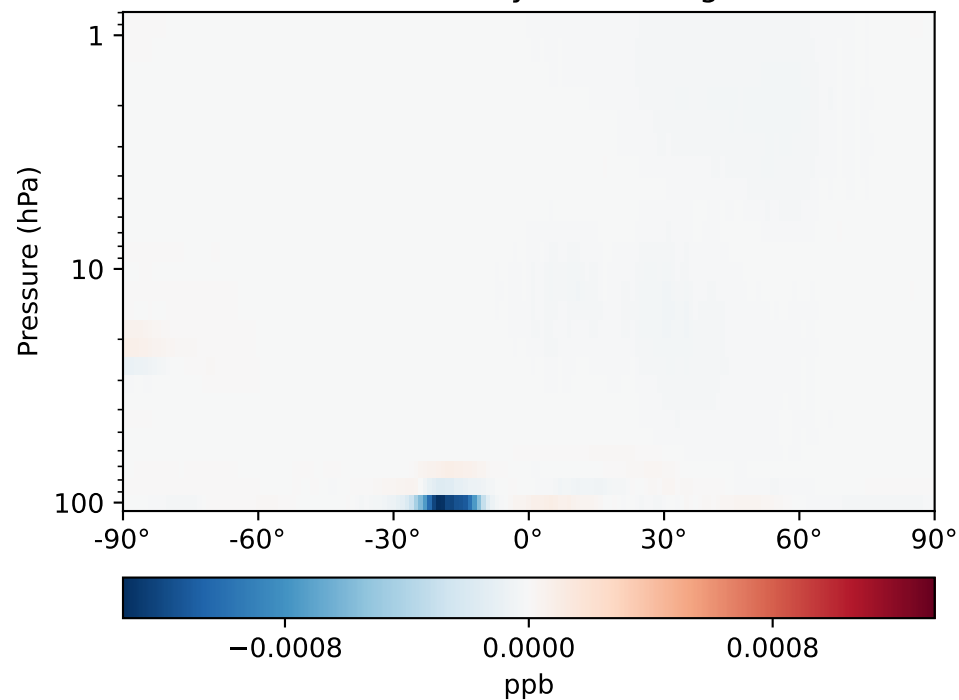
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



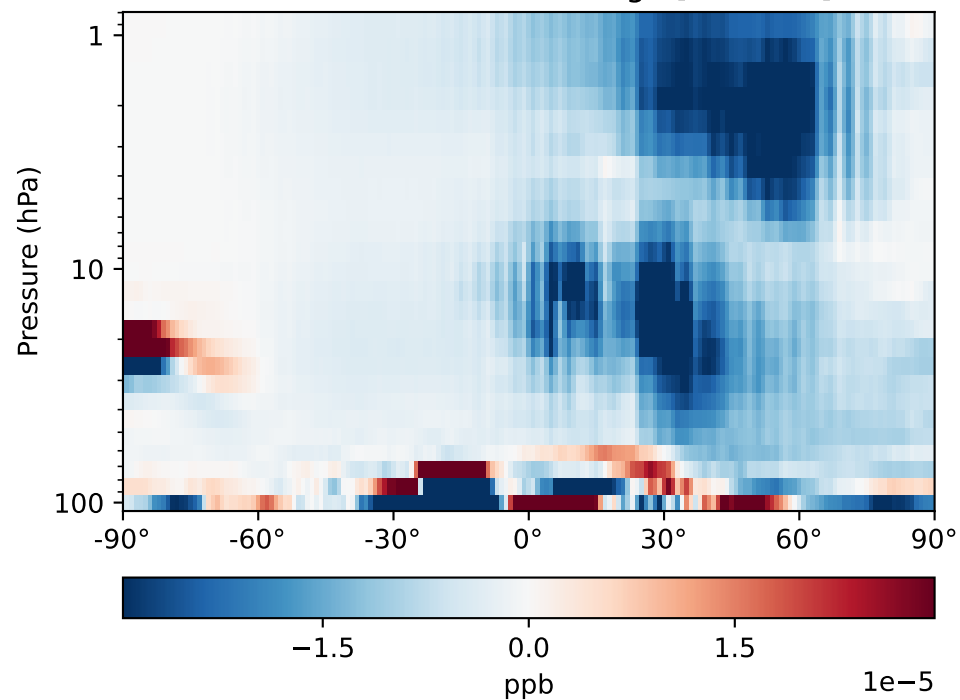
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



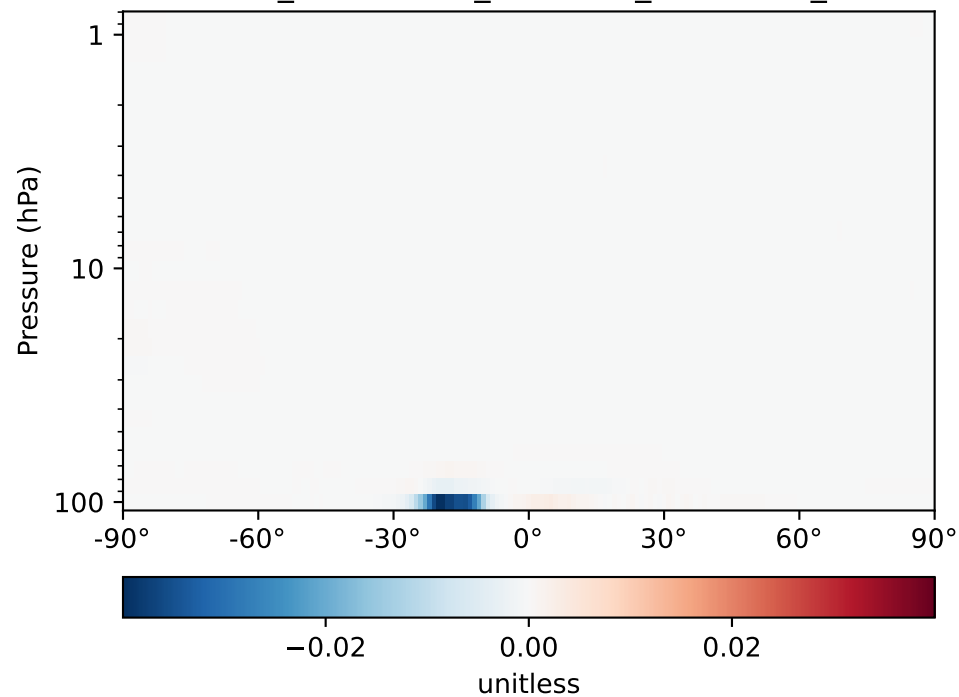
Difference (1x1.25)
Dev - Ref, Dynamic Range



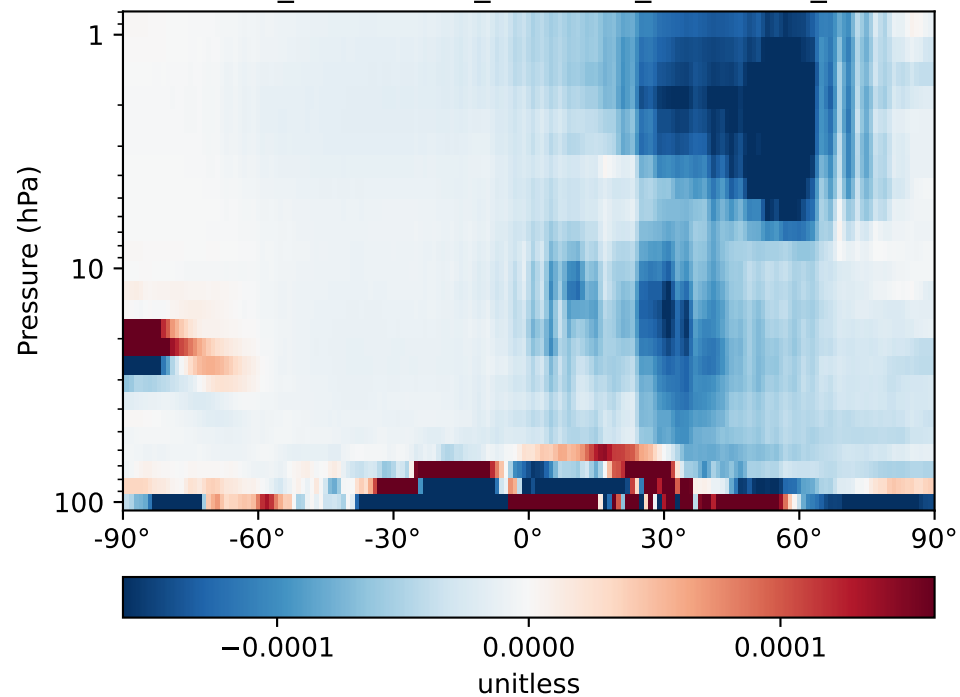
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

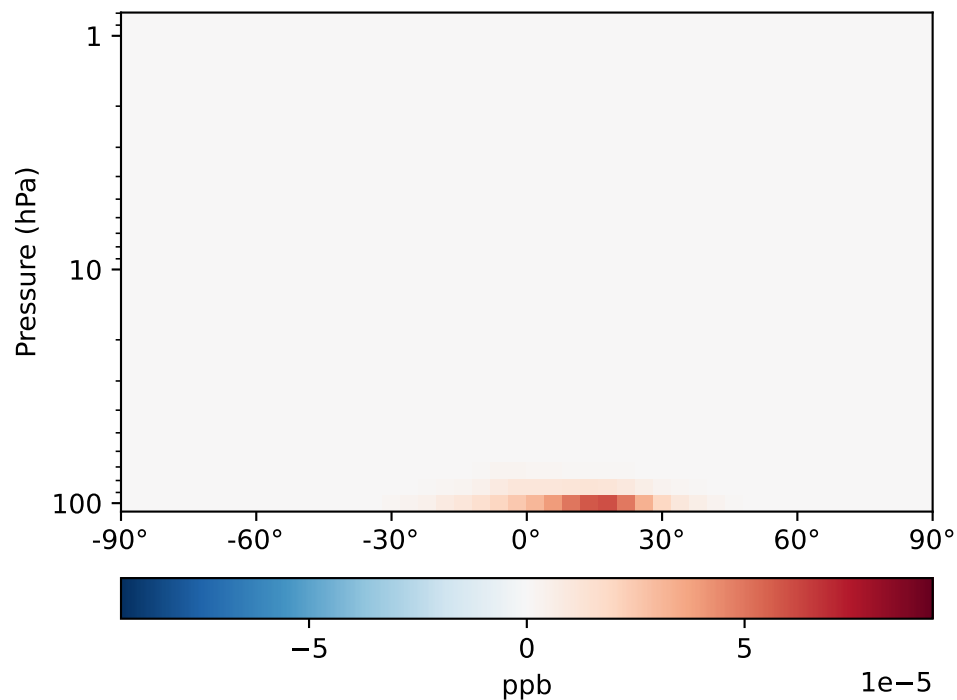


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

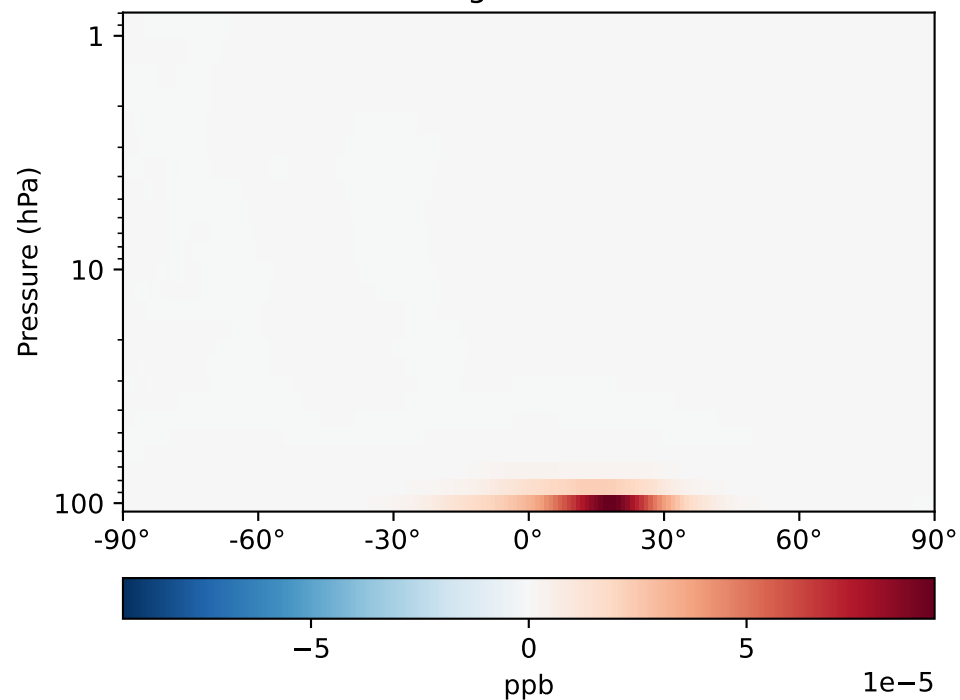


SpeciesConc_HMS, Zonal Mean

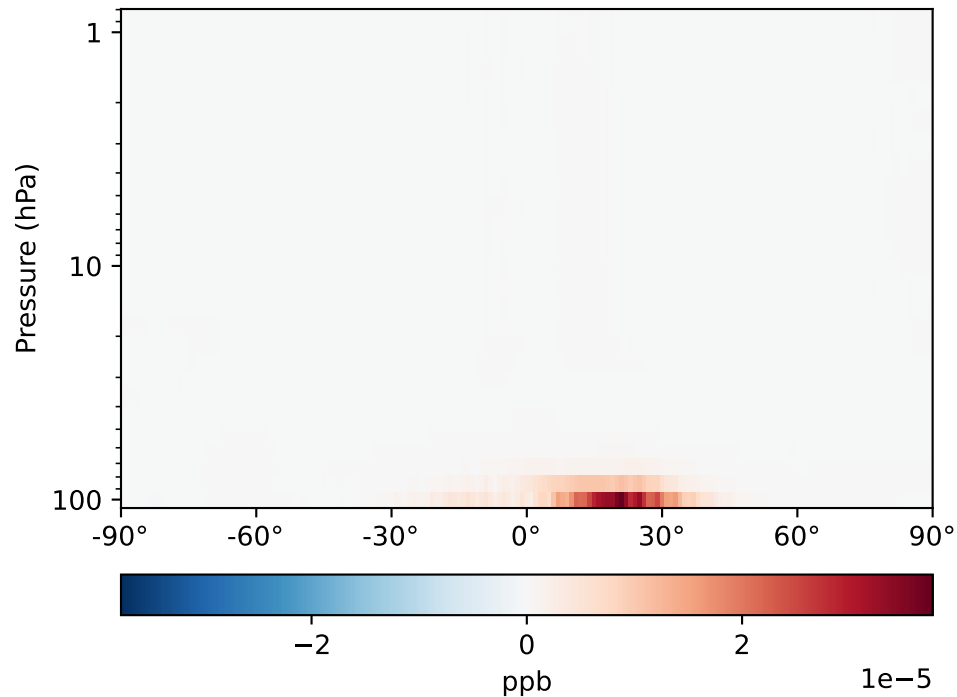
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



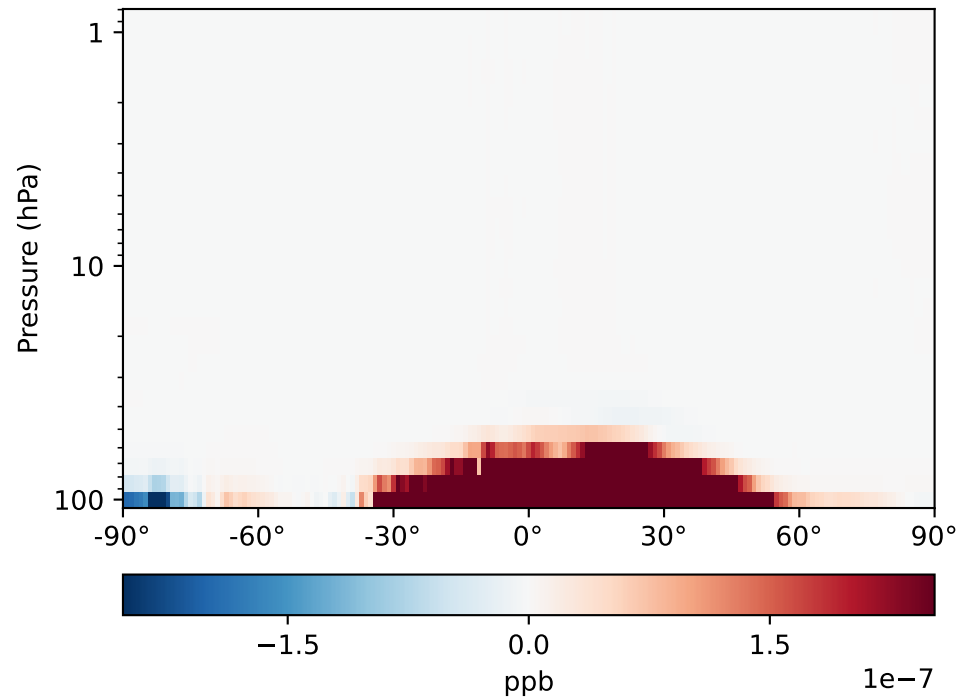
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



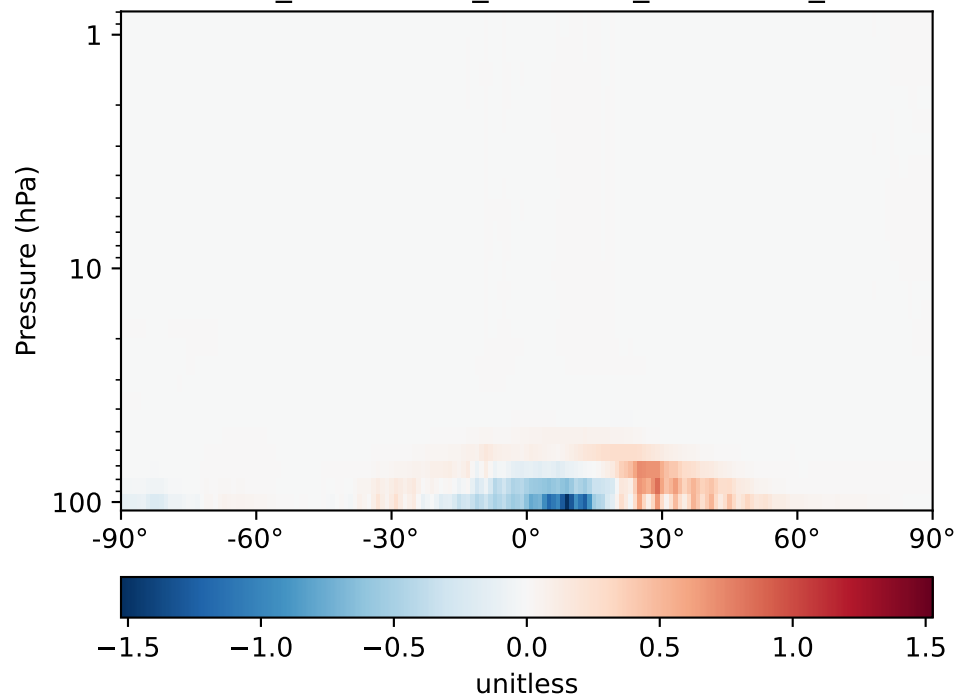
Difference (1x1.25)
Dev - Ref, Dynamic Range



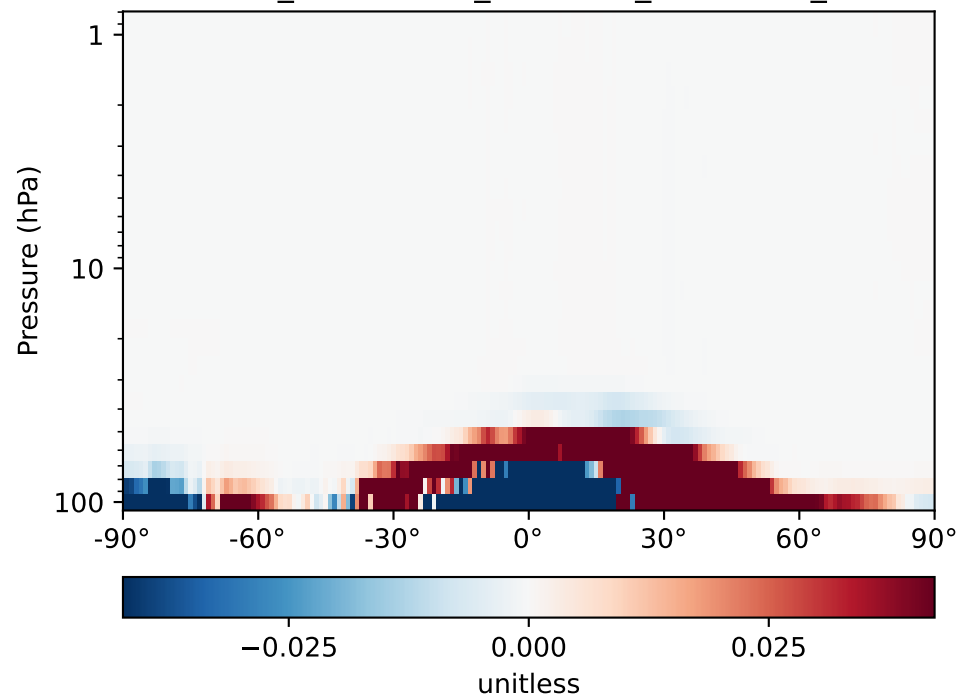
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



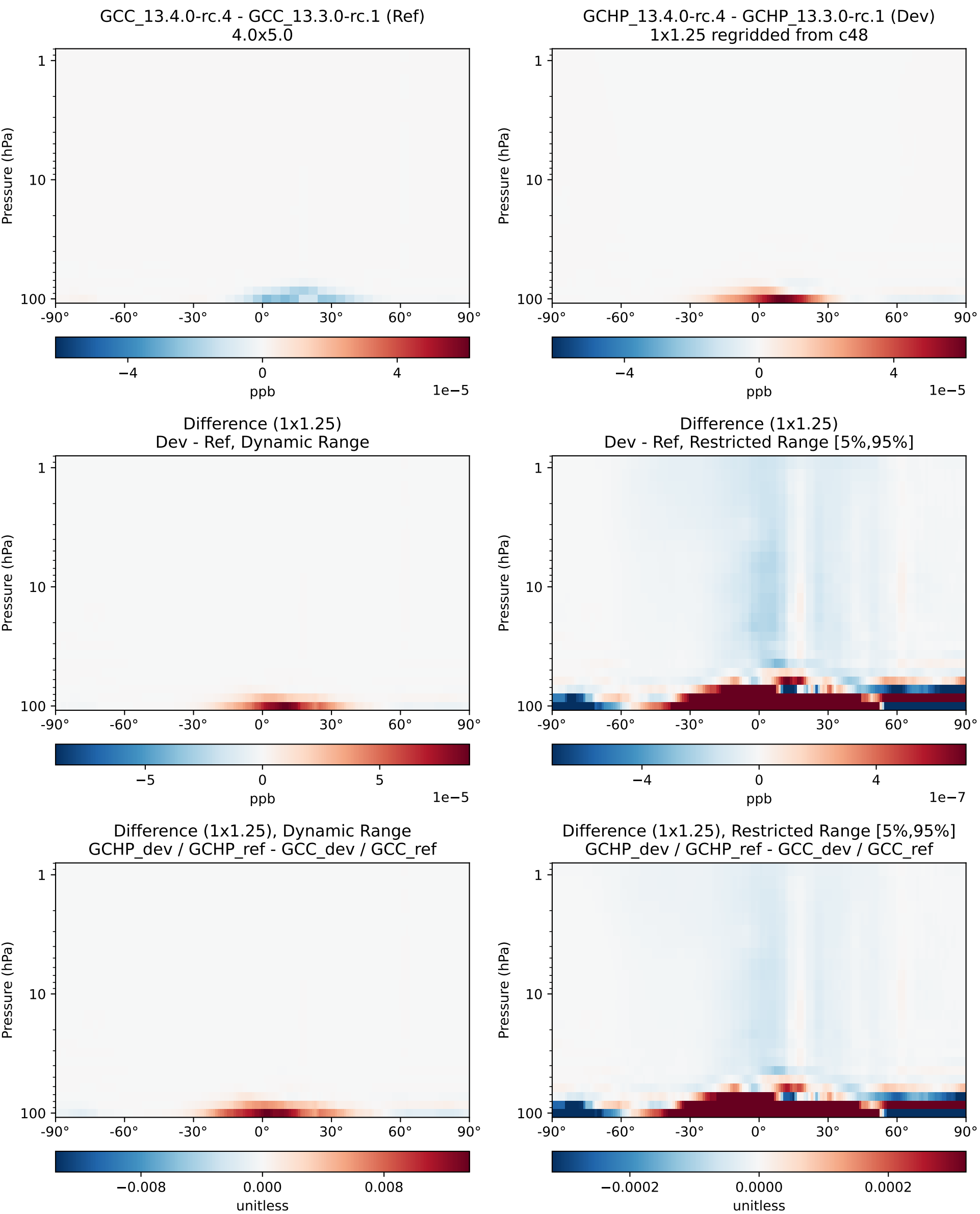
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

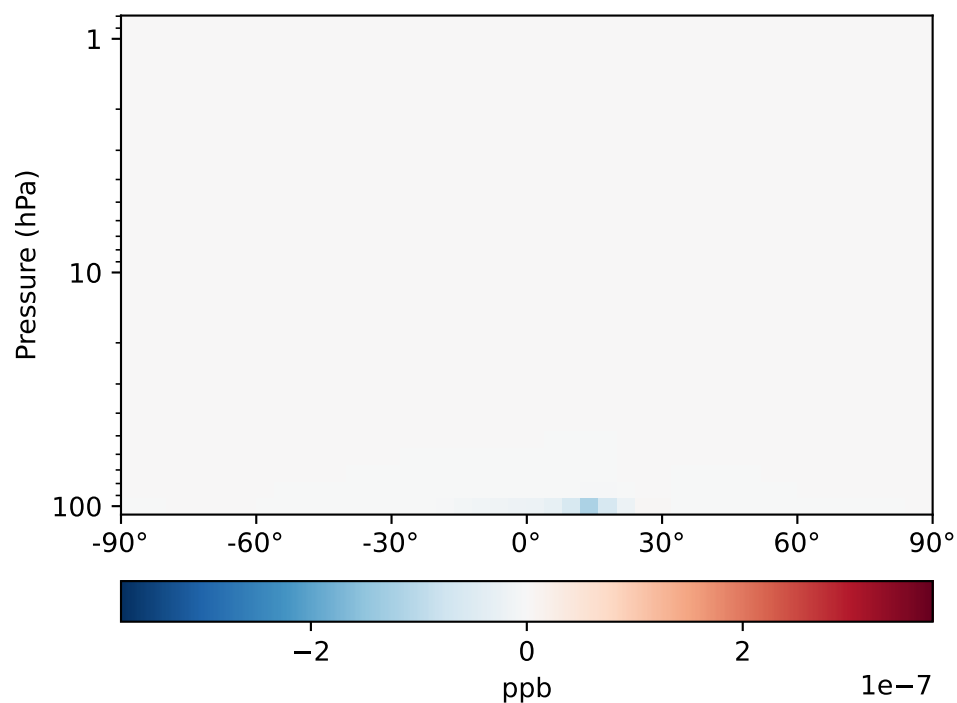


SpeciesConc_BCPI, Zonal Mean

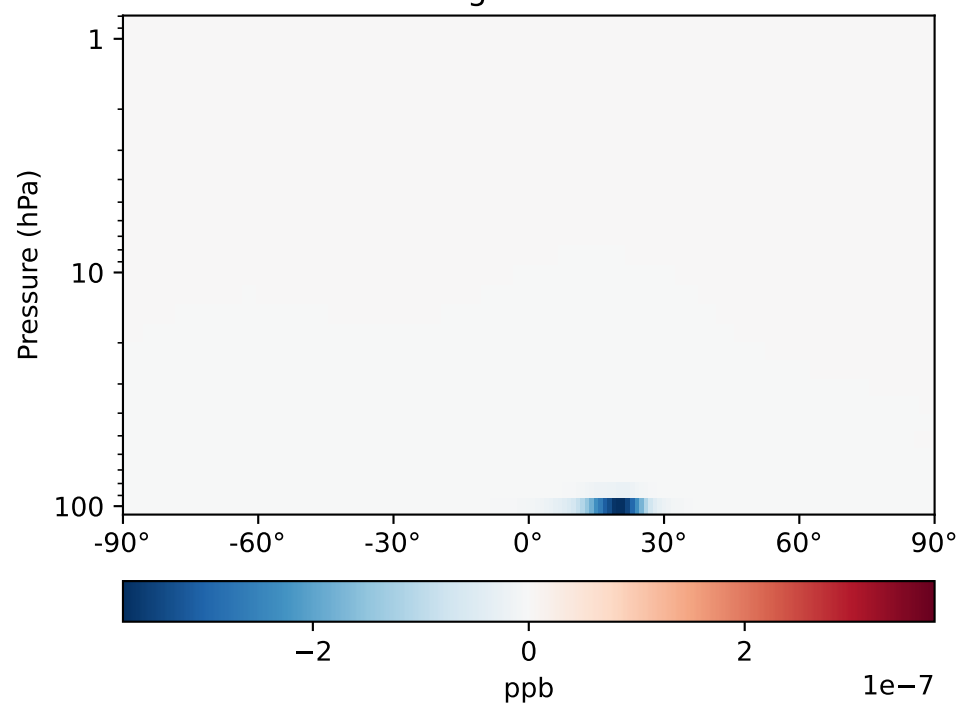


SpeciesConc_BCPO, Zonal Mean

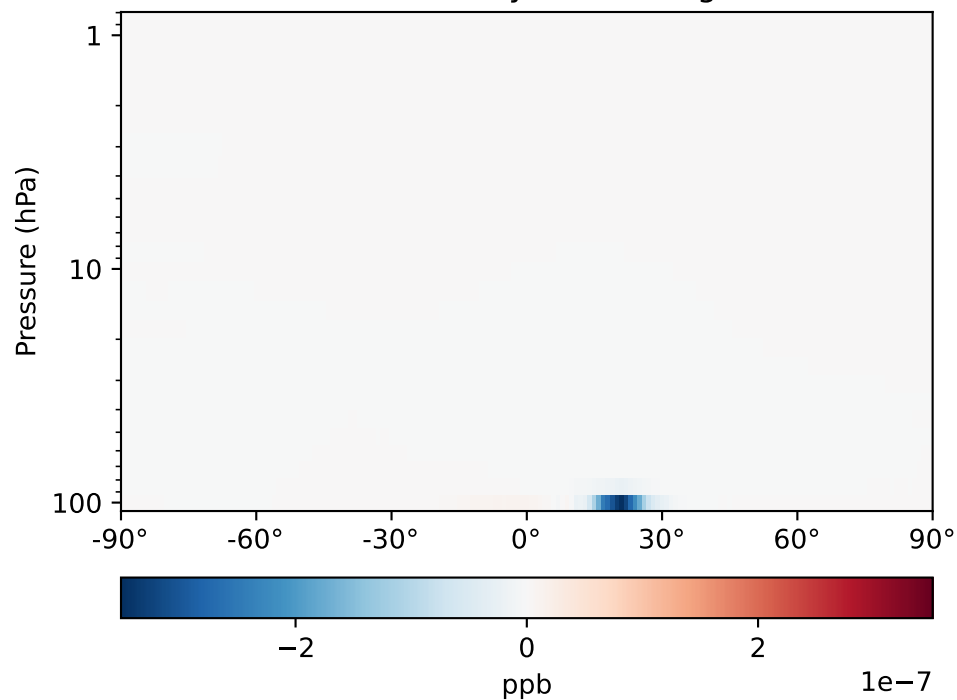
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



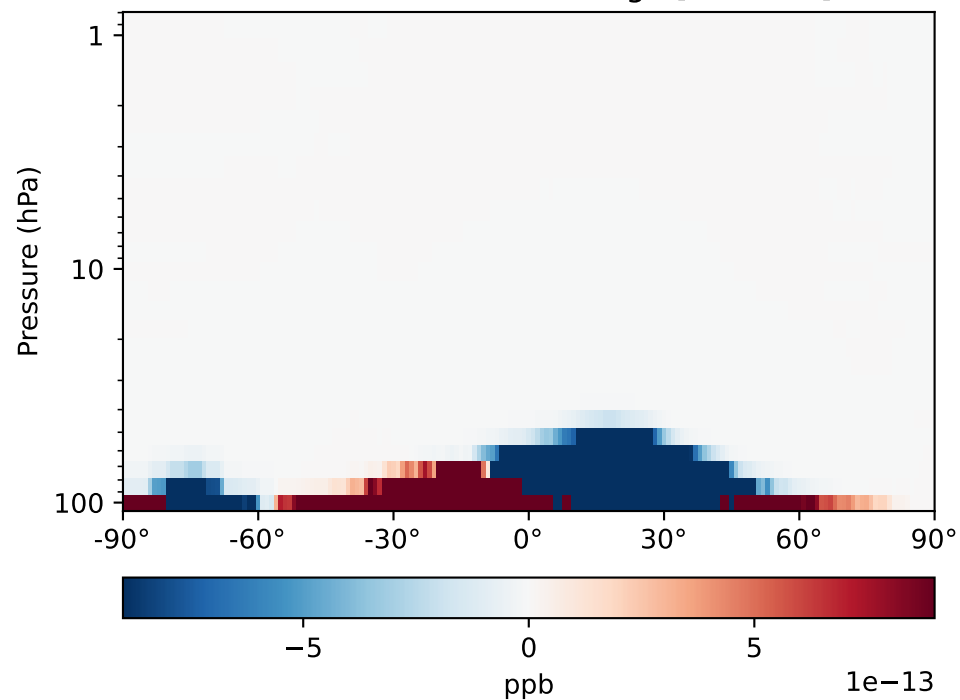
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



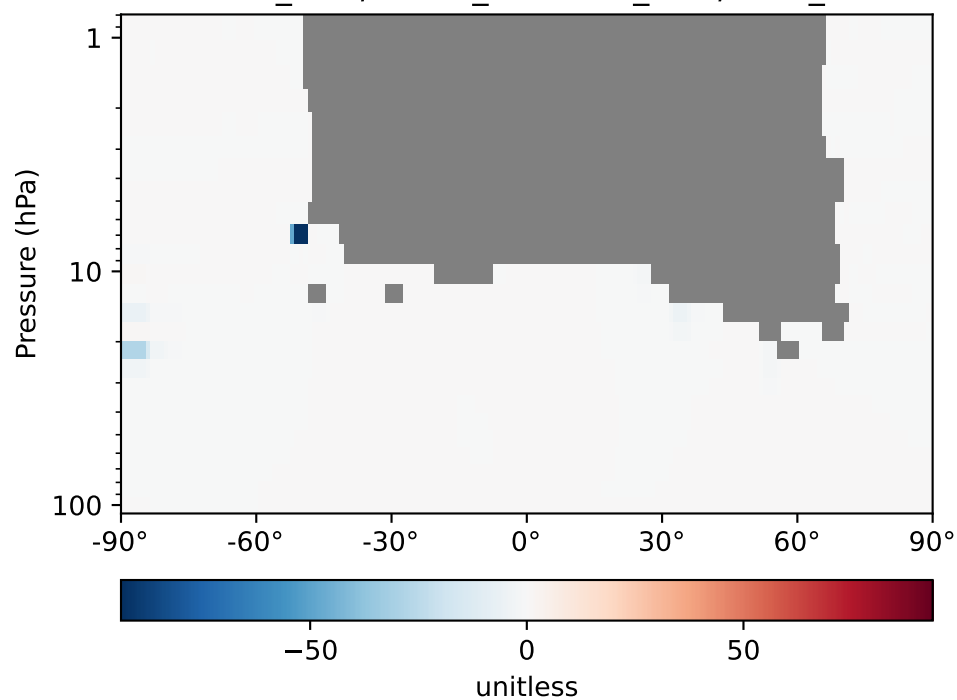
Difference (1x1.25)
Dev - Ref, Dynamic Range



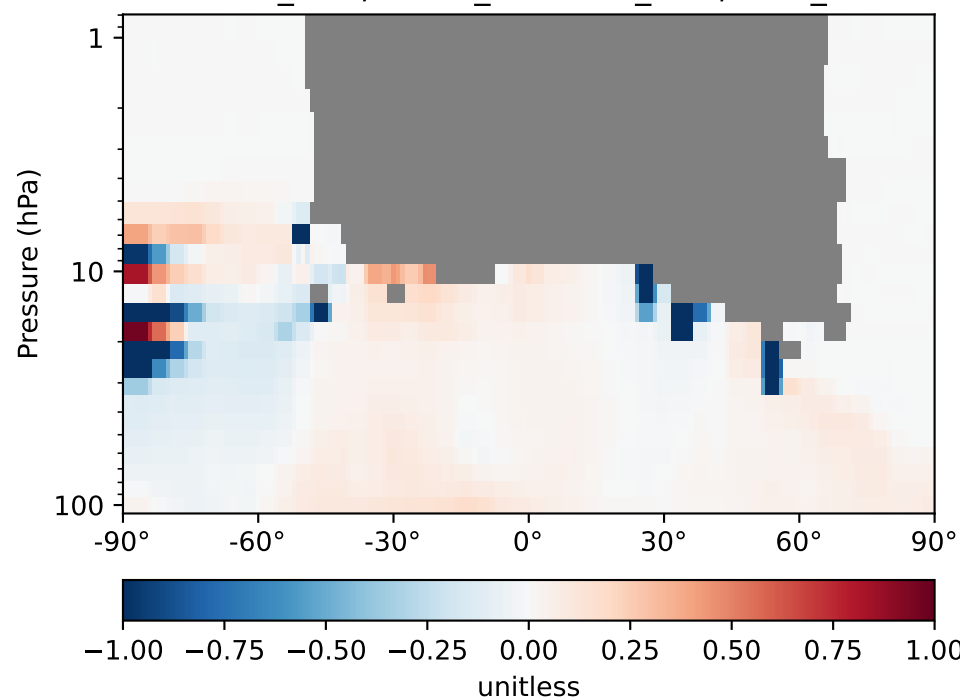
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

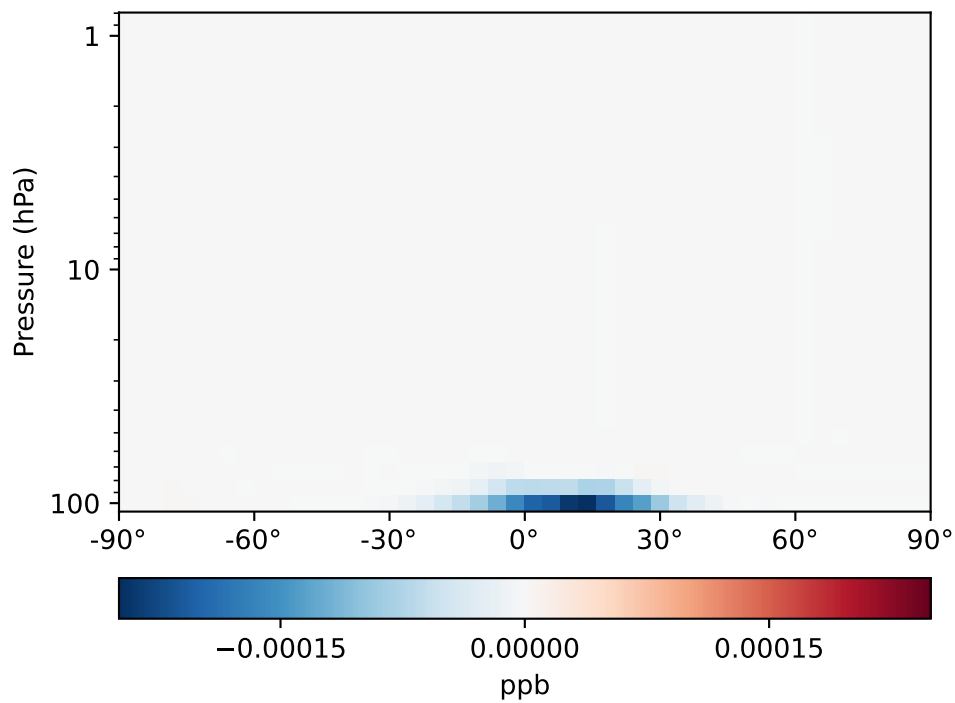


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

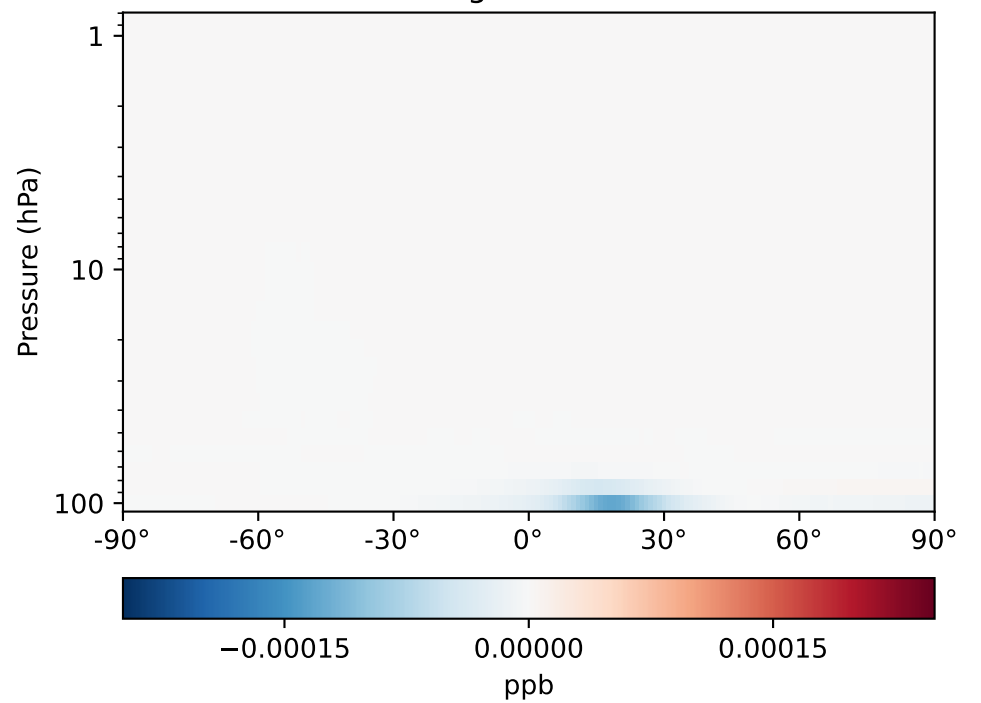


SpeciesConc_OCPI, Zonal Mean

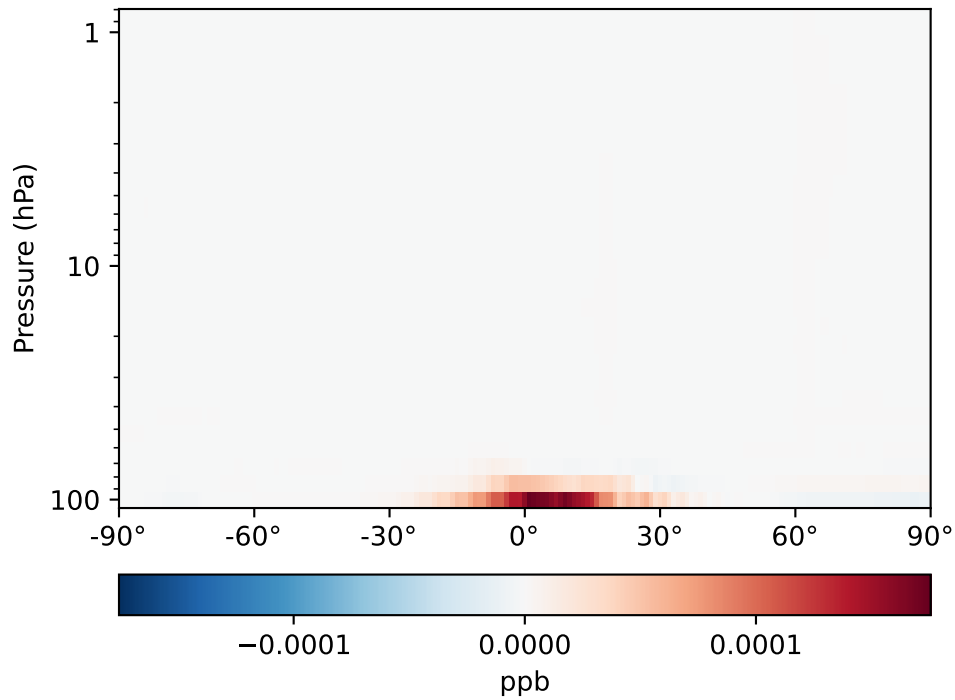
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



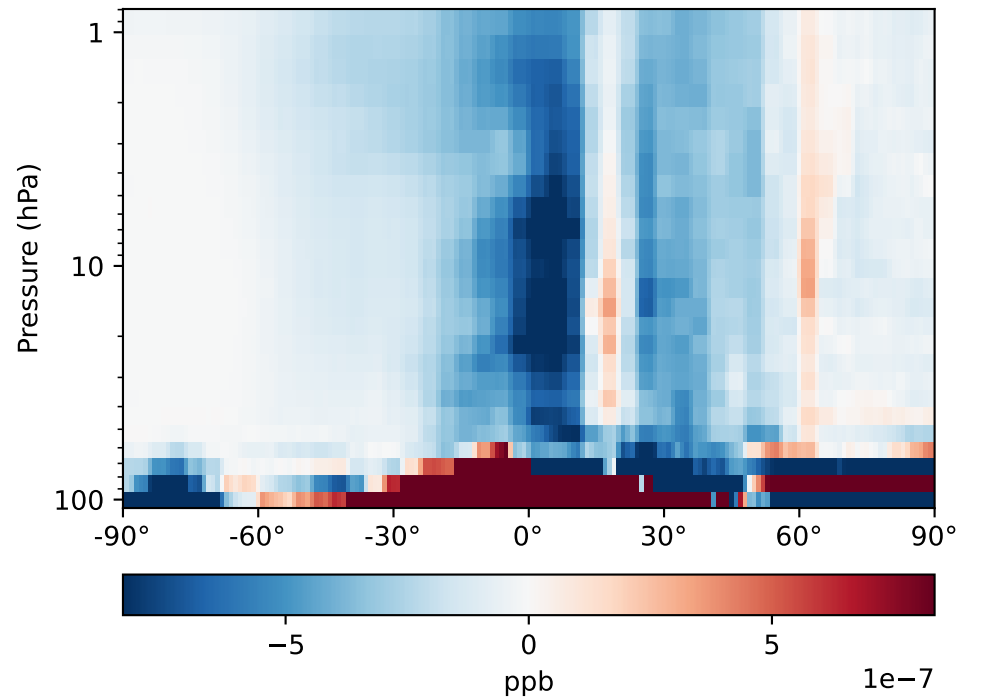
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



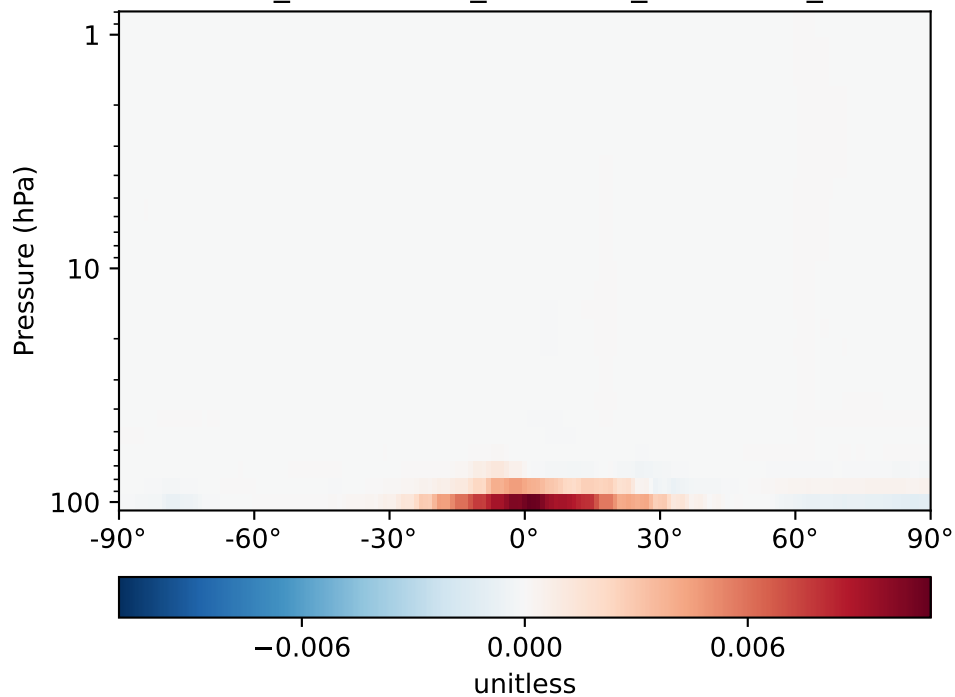
Difference (1x1.25)
Dev - Ref, Dynamic Range



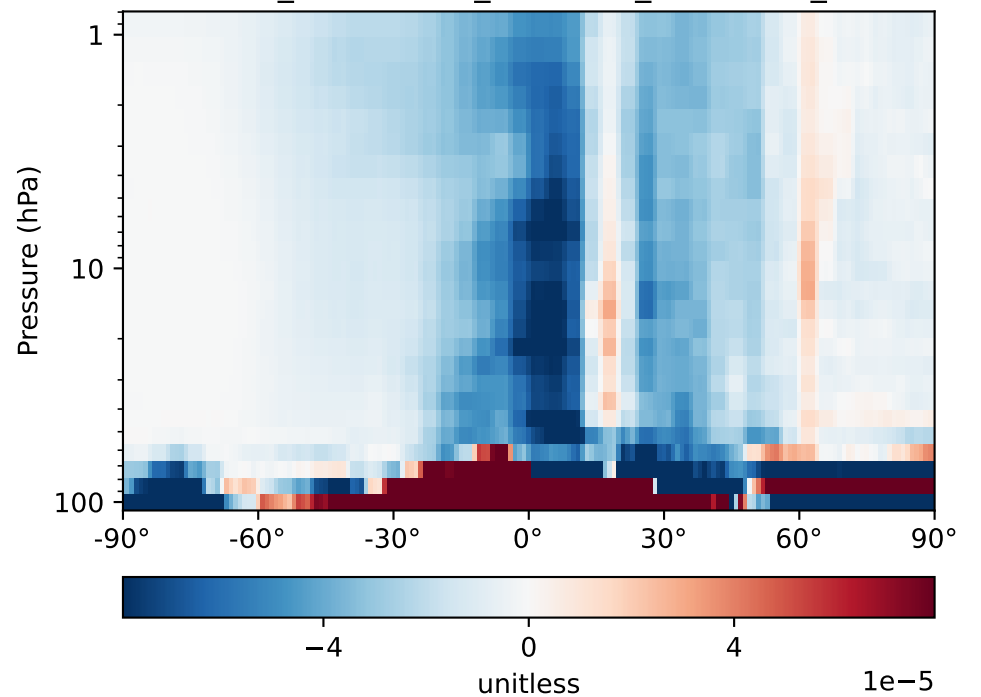
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

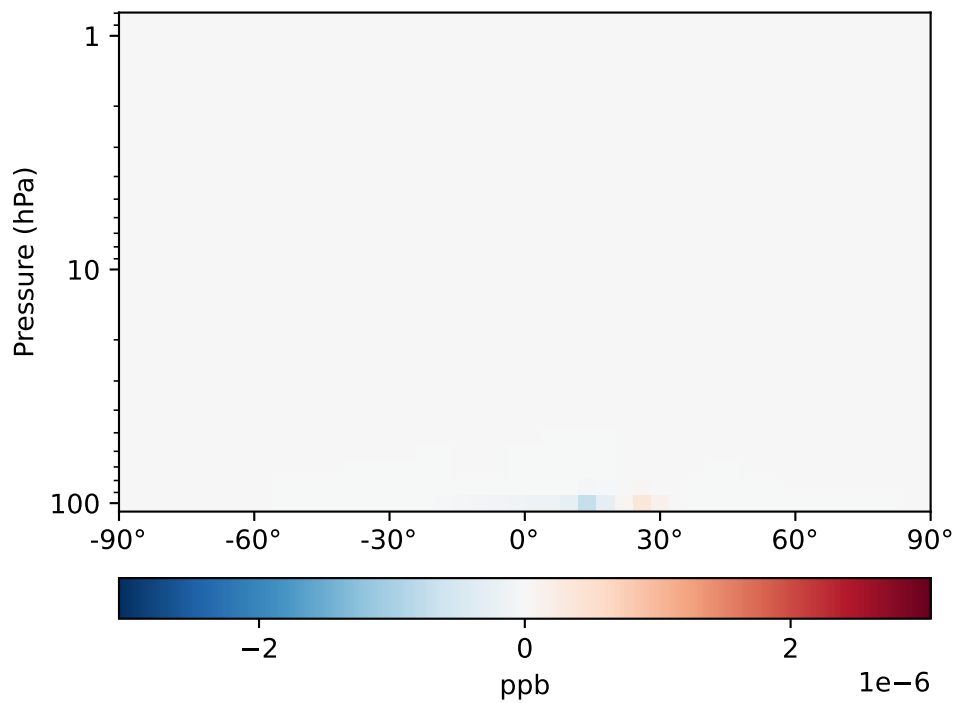


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

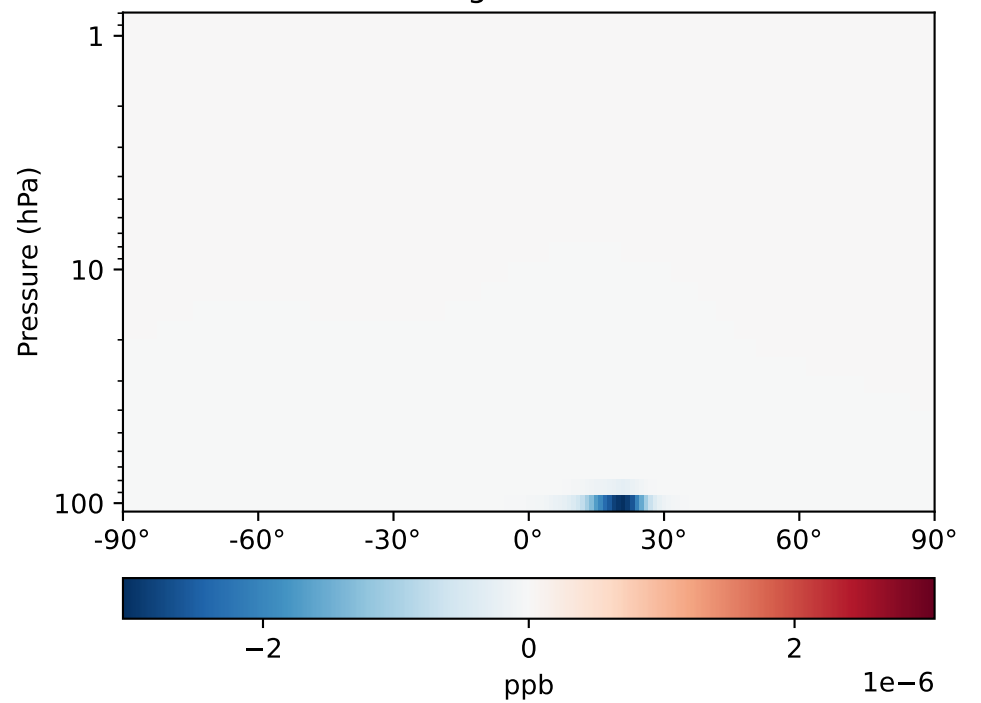


SpeciesConc_OCPO, Zonal Mean

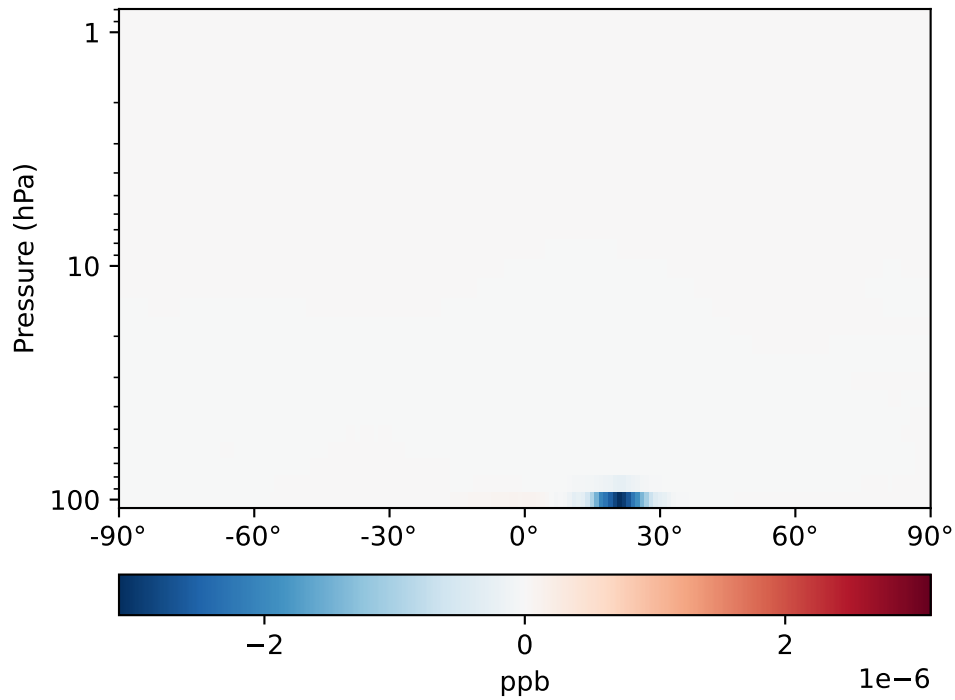
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



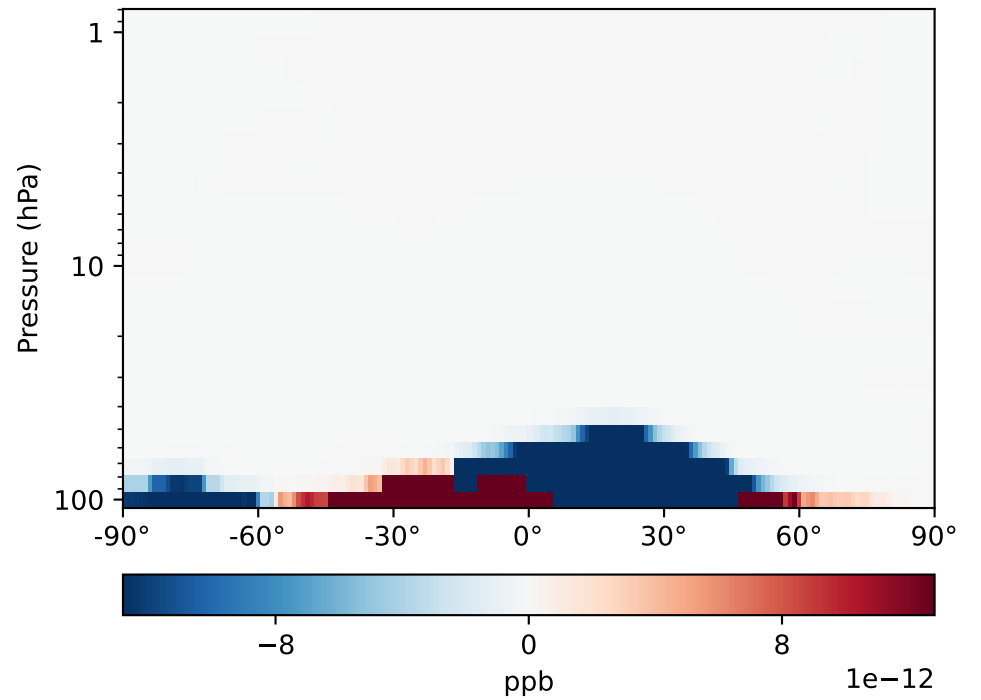
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



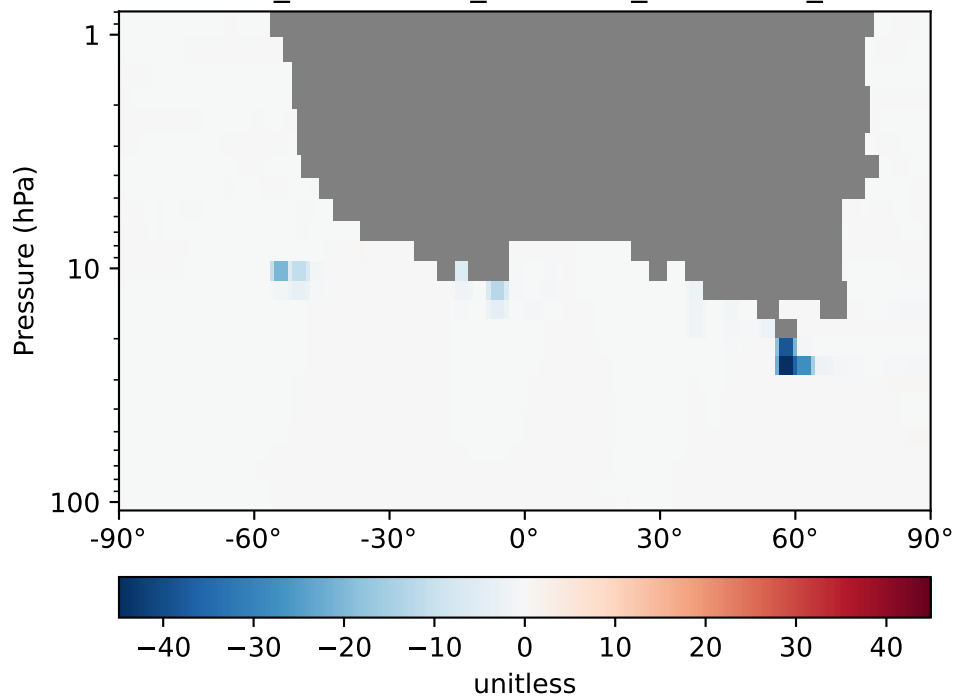
Difference (1x1.25)
Dev - Ref, Dynamic Range



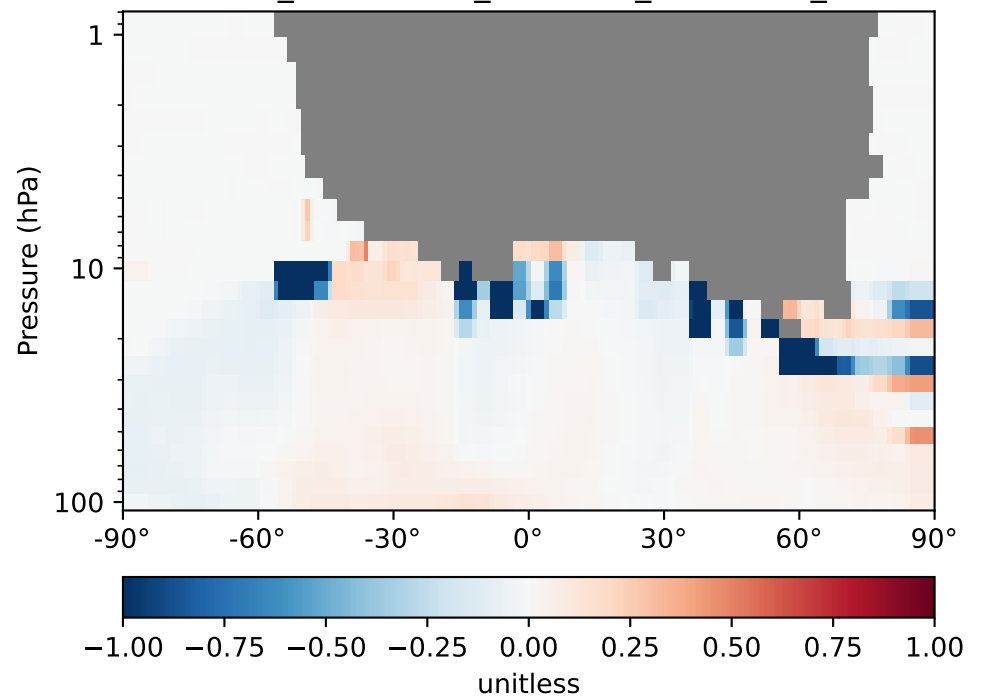
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

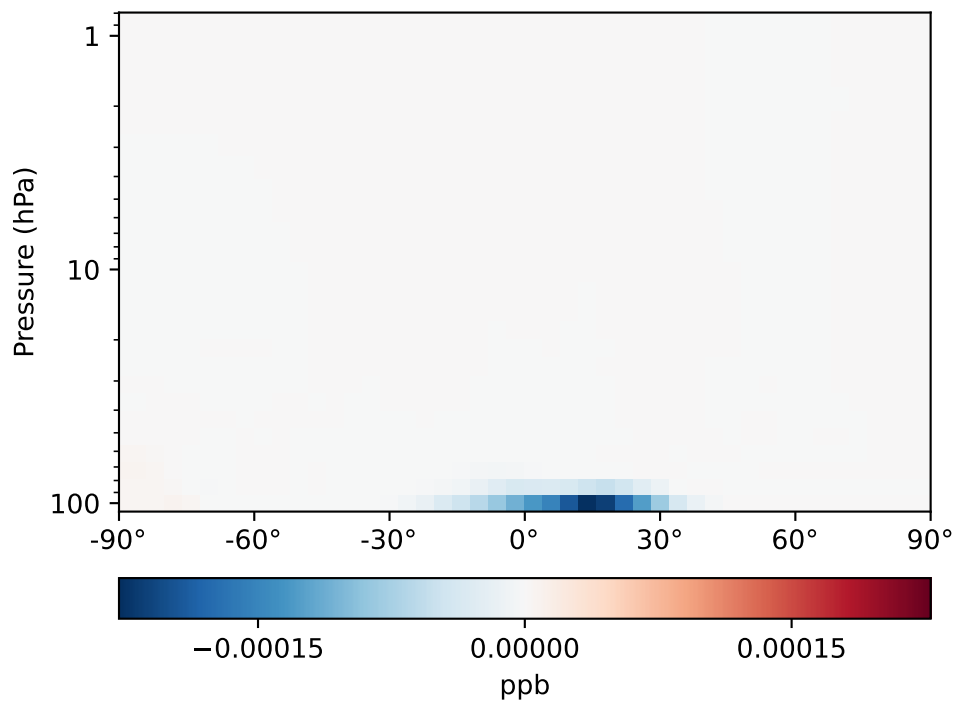


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

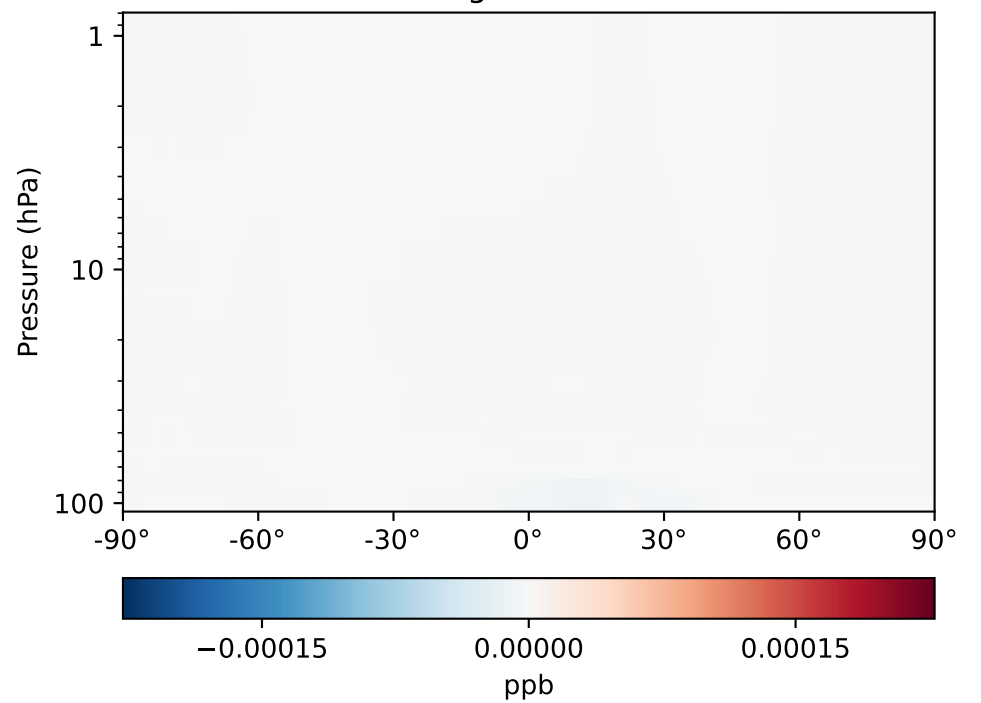


SpeciesConc_Complex_SOA, Zonal Mean

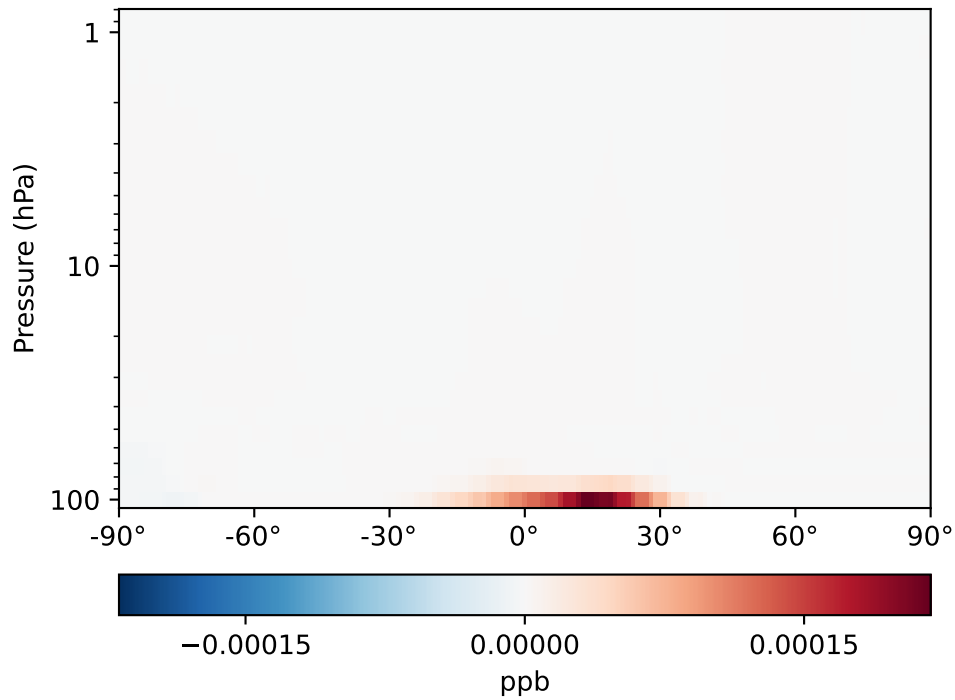
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



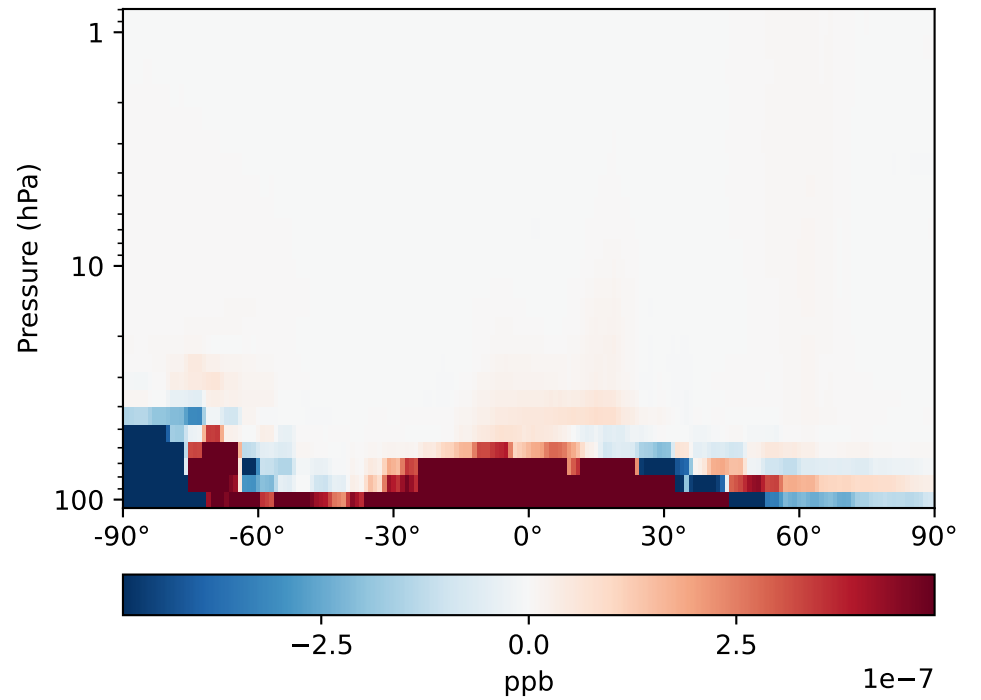
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



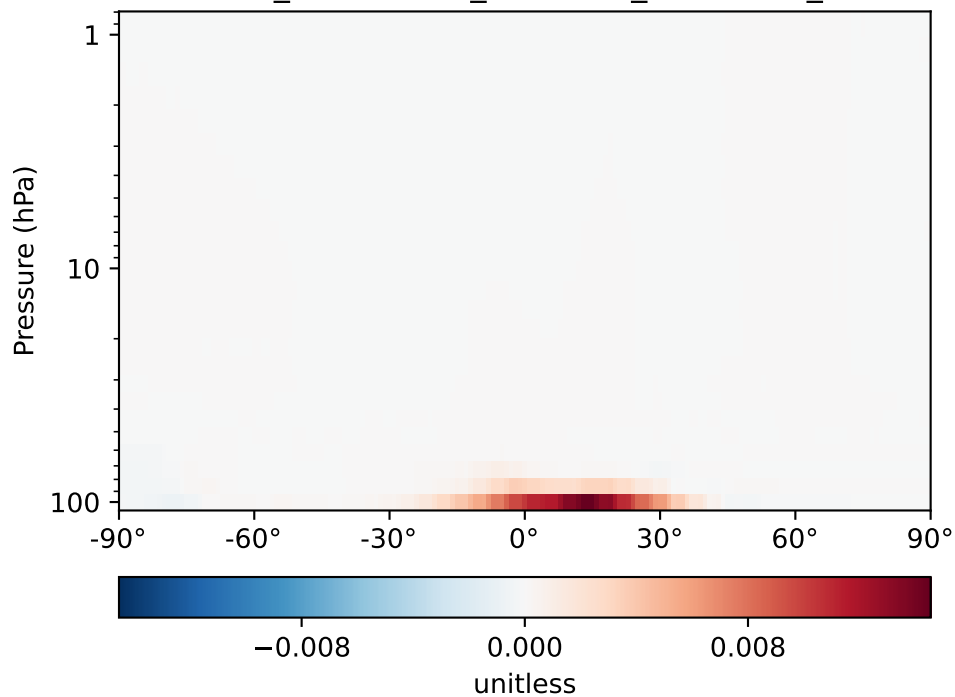
Difference (1x1.25)
Dev - Ref, Dynamic Range



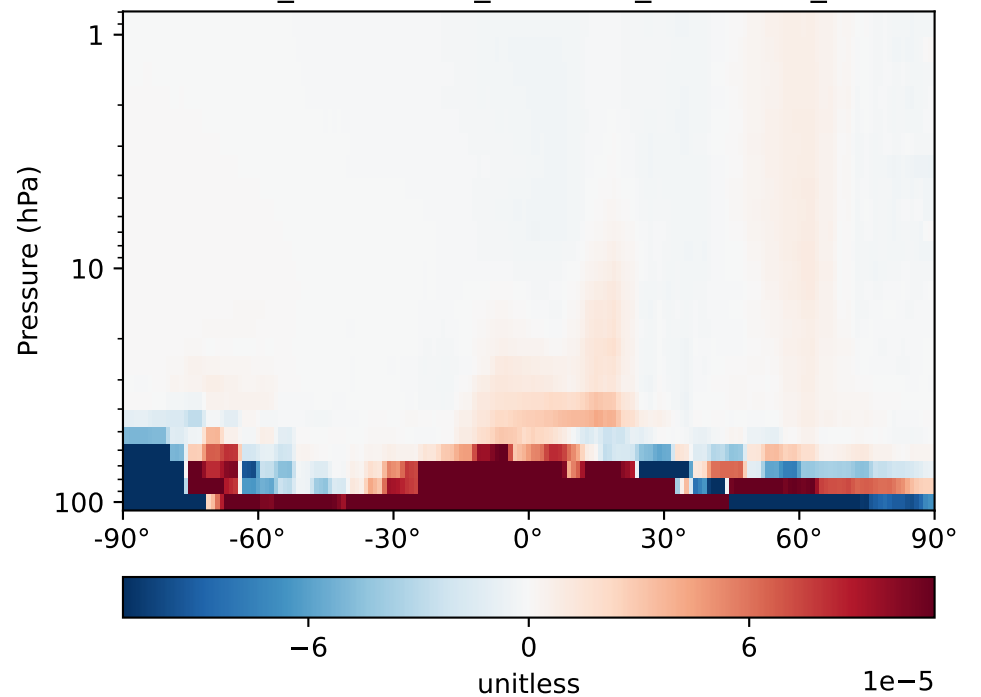
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

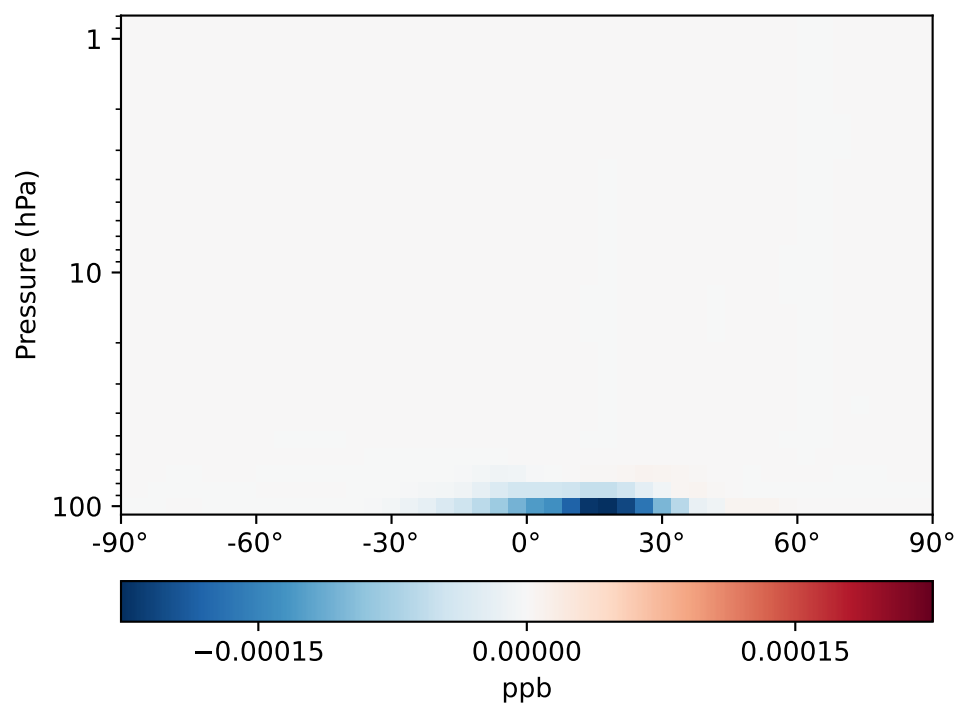


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

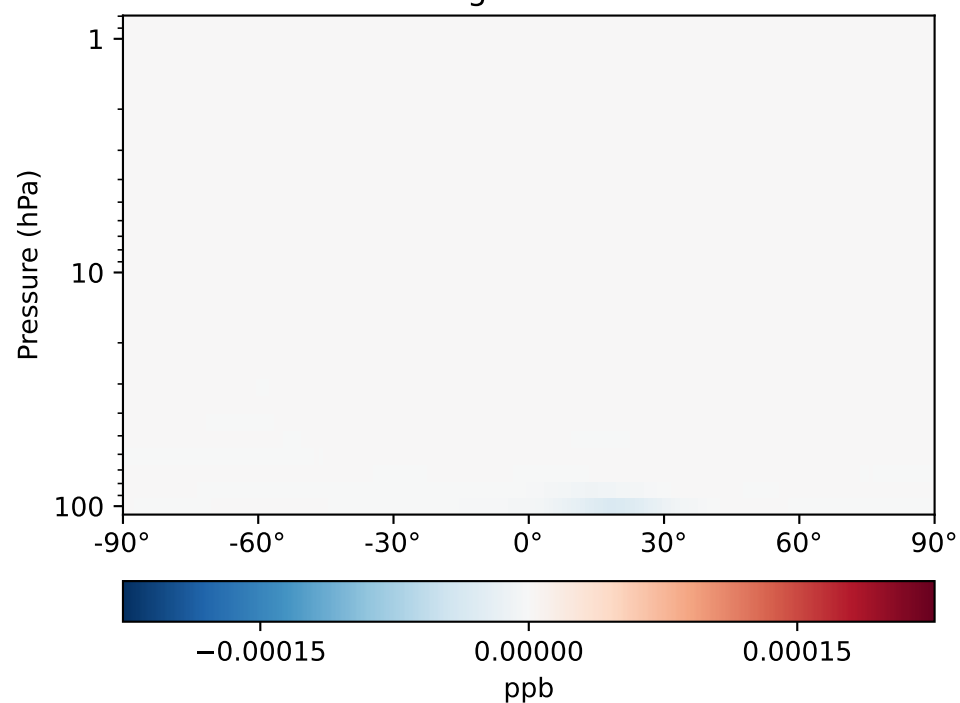


SpeciesConc_Simple_SOA, Zonal Mean

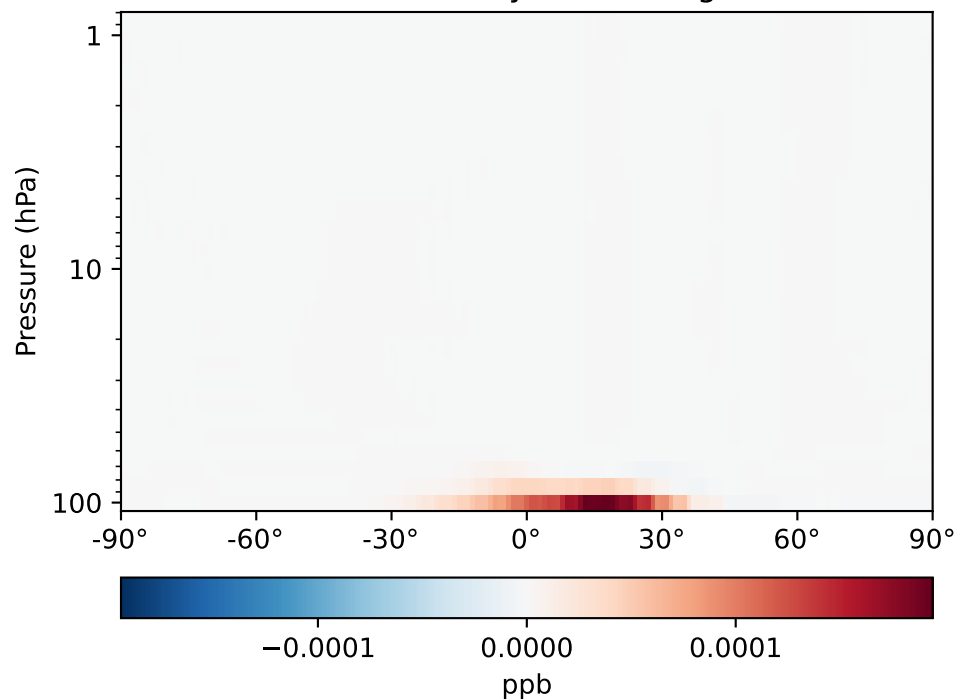
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



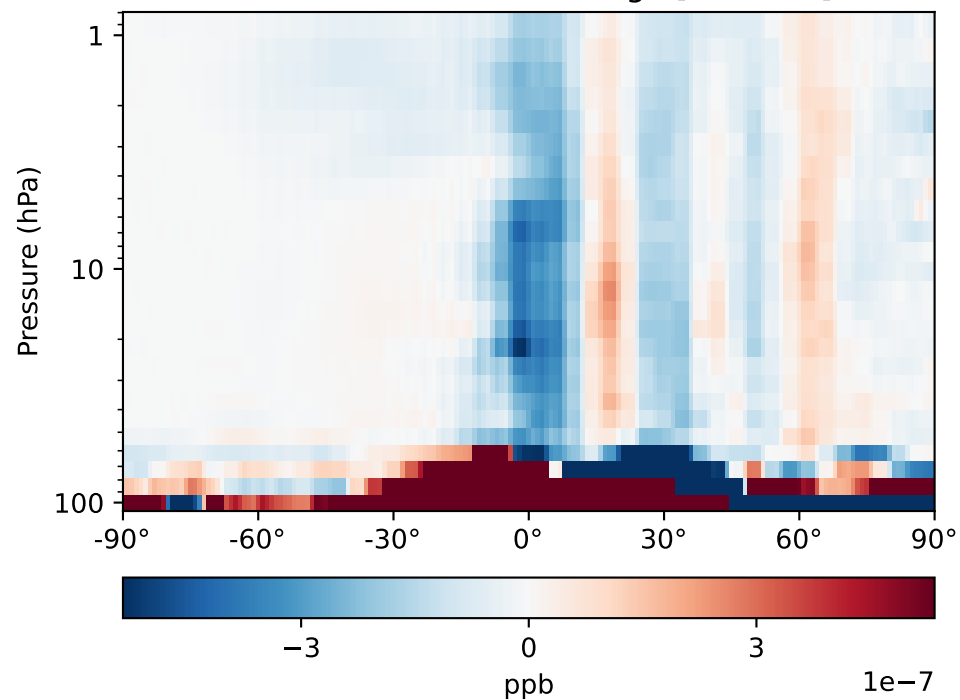
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



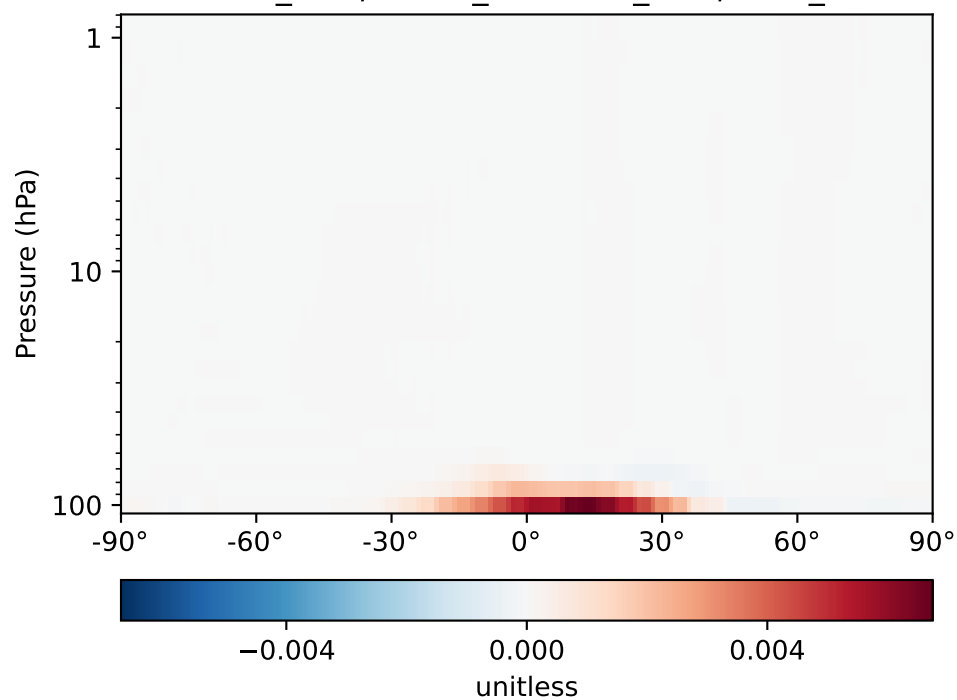
Difference (1x1.25)
Dev - Ref, Dynamic Range



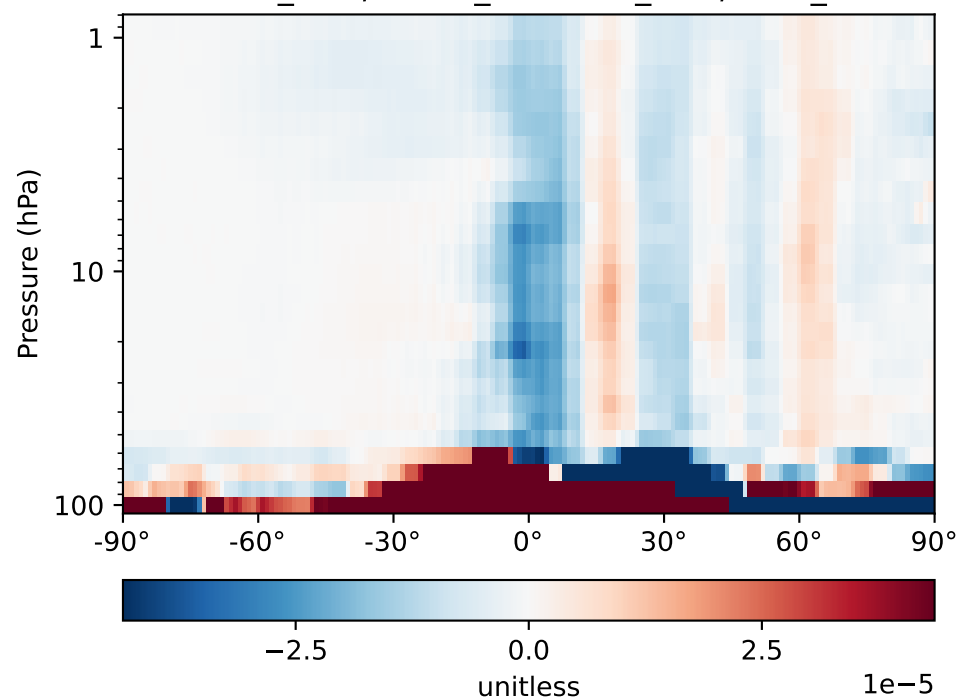
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

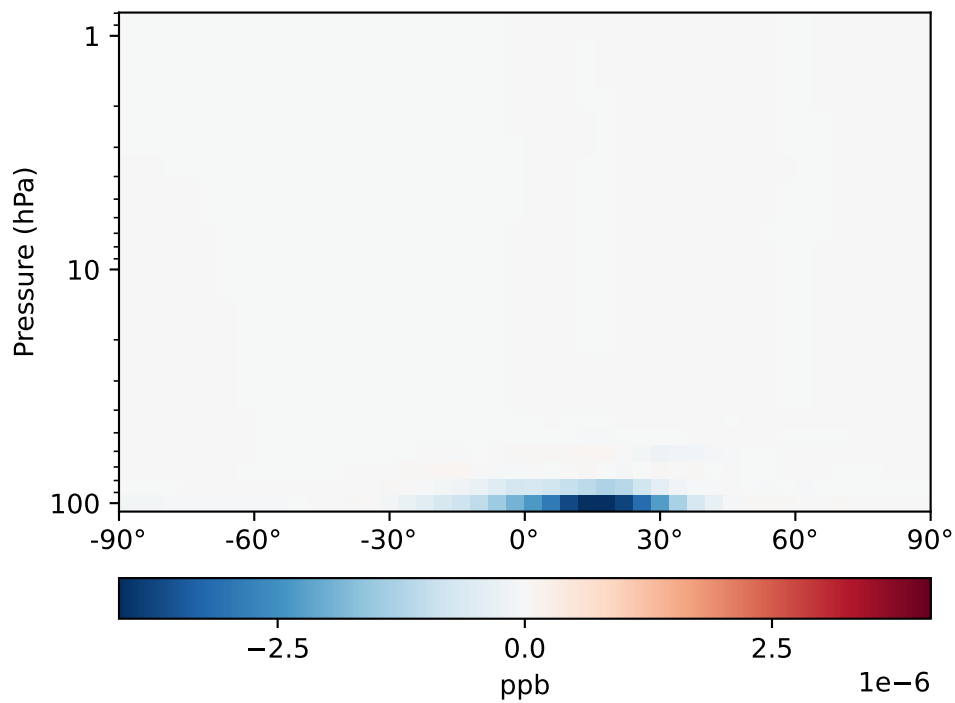


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

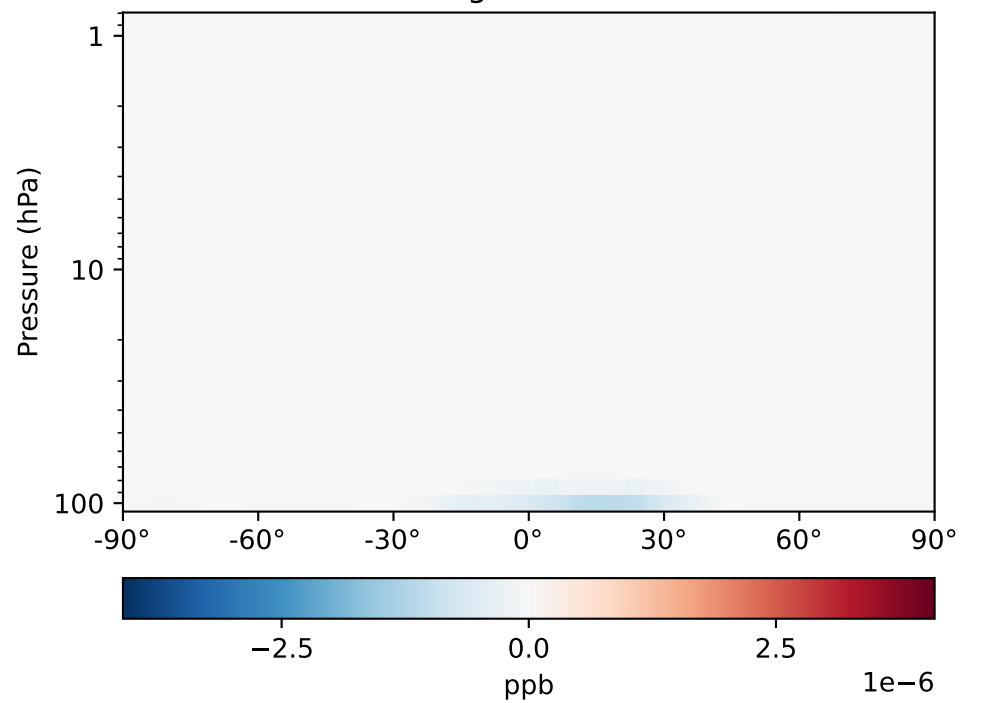


SpeciesConc_AERI, Zonal Mean

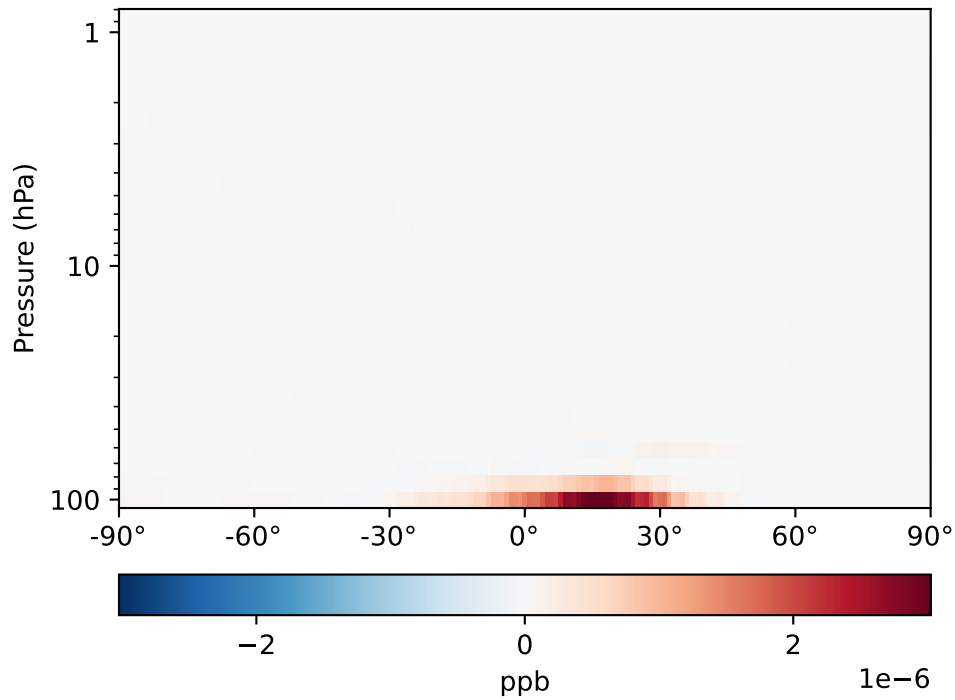
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



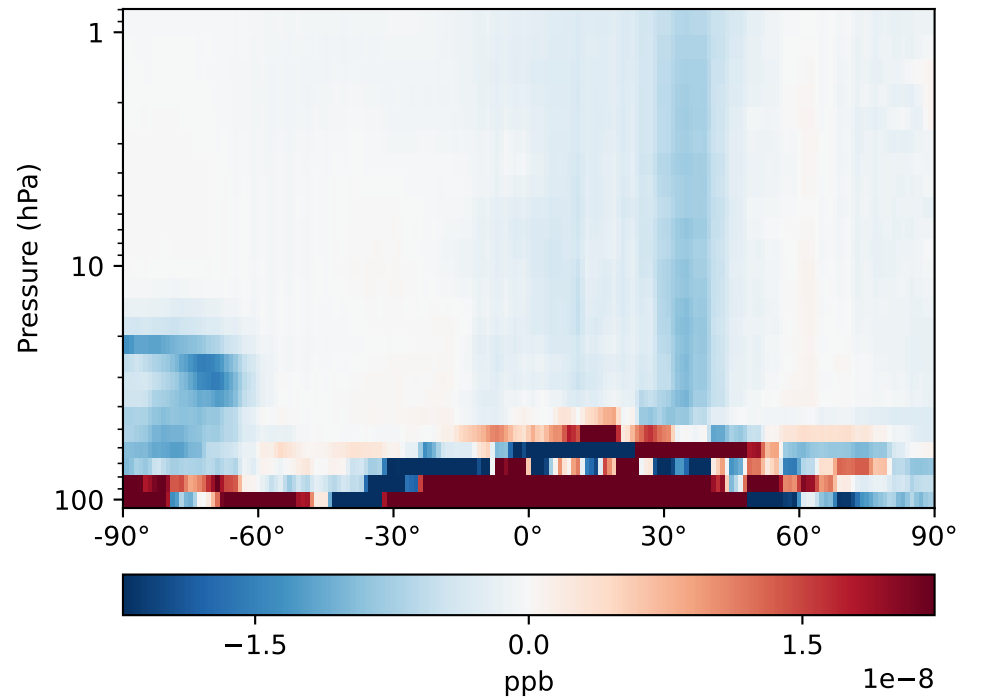
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



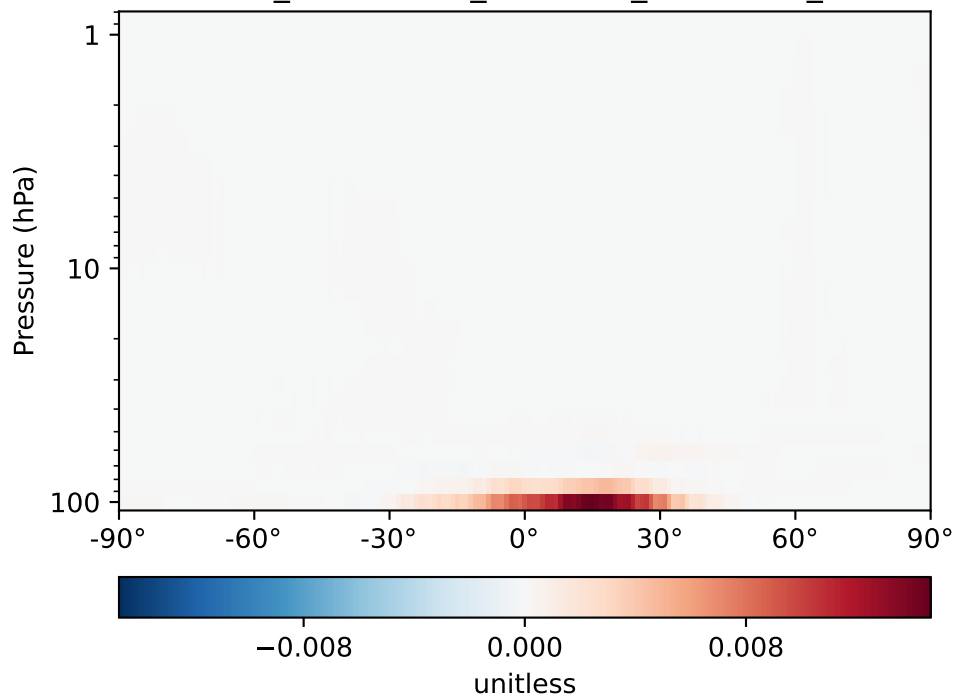
Difference (1x1.25)
Dev - Ref, Dynamic Range



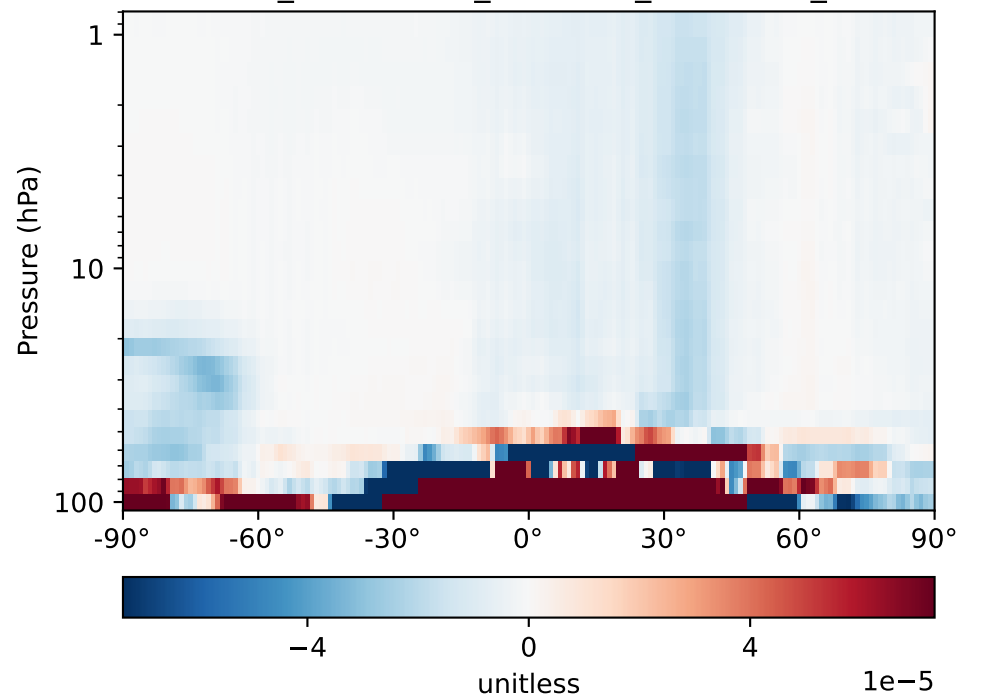
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

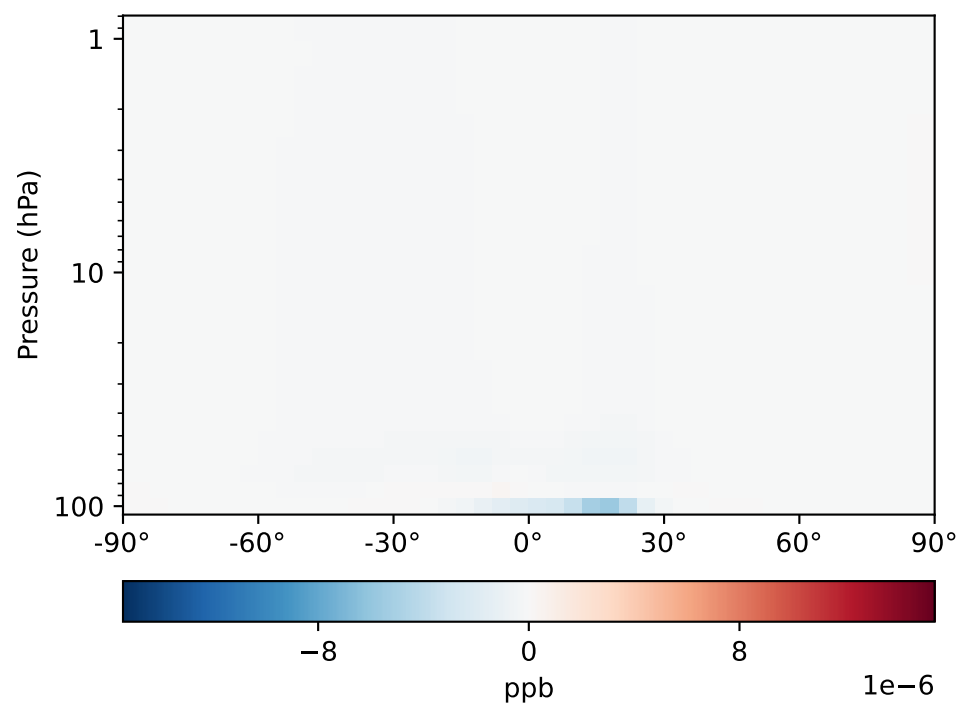


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

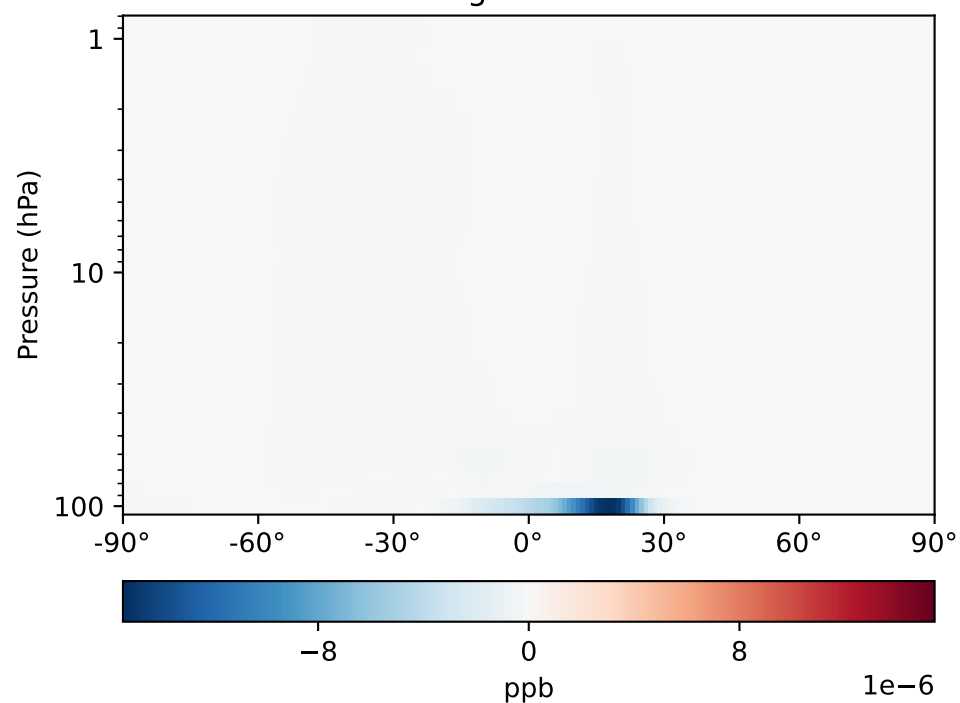


SpeciesConc_BrSALA, Zonal Mean

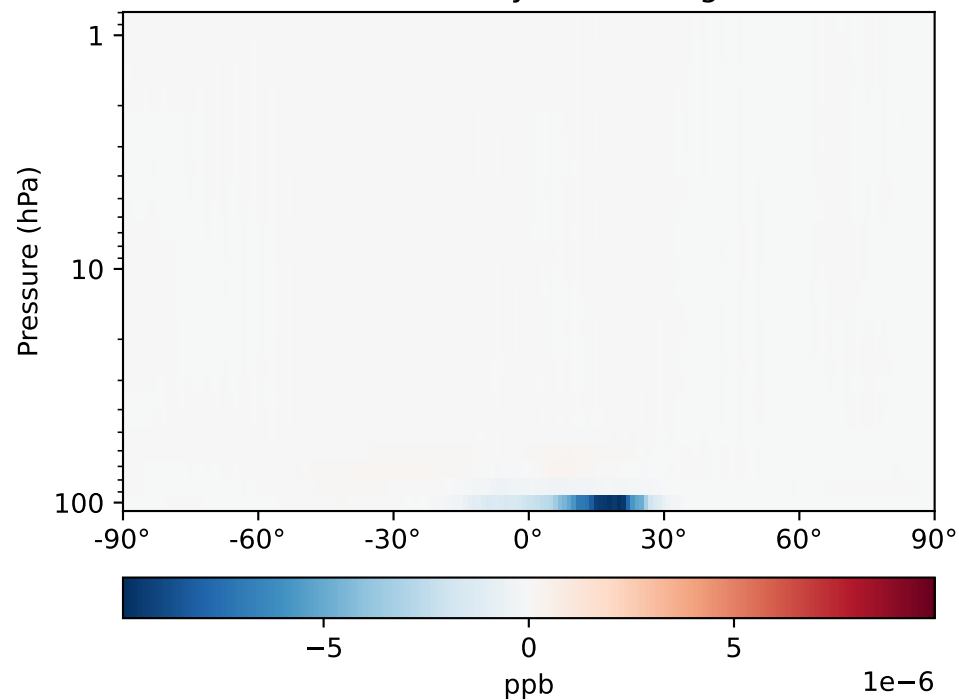
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



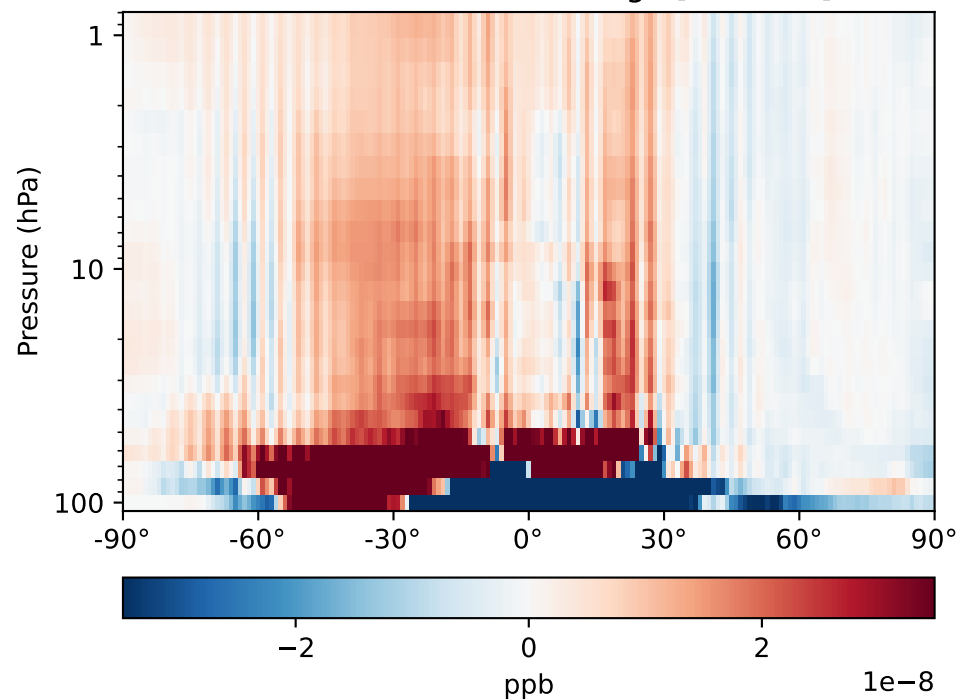
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



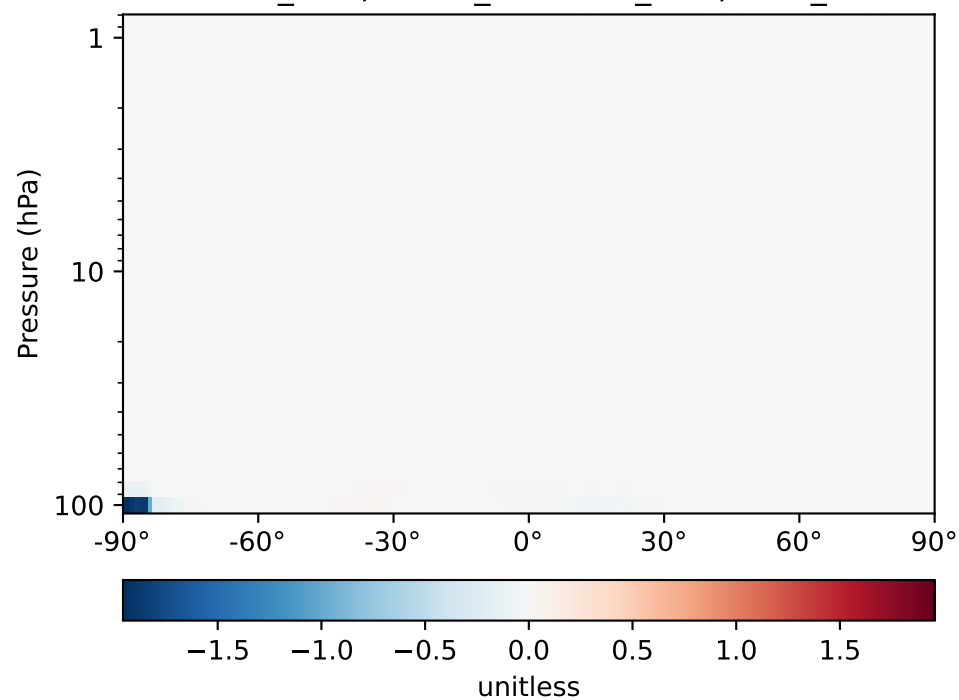
Difference (1x1.25)
Dev - Ref, Dynamic Range



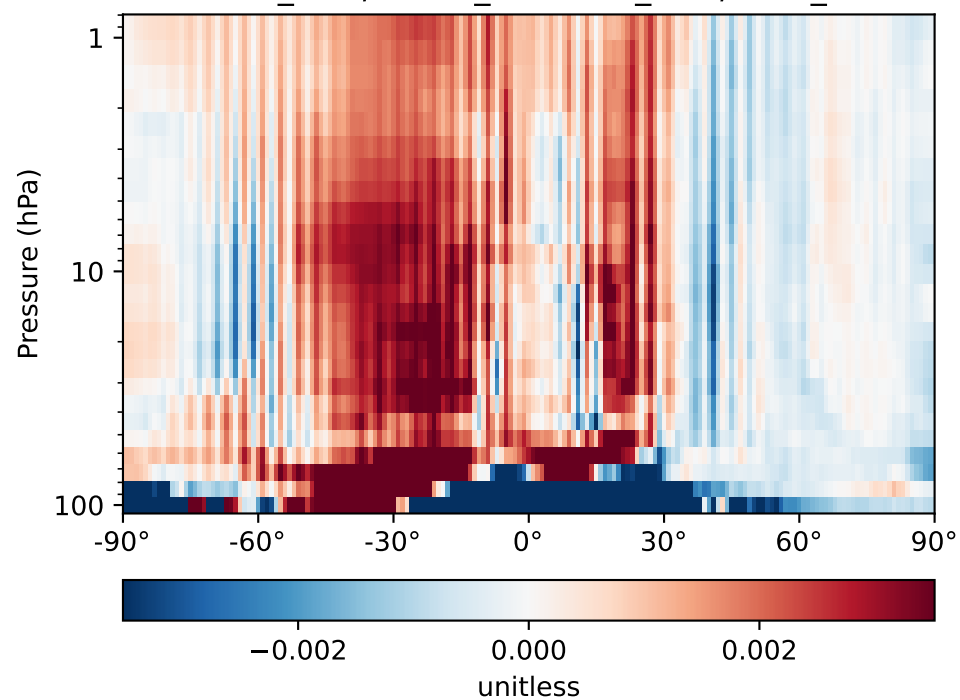
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

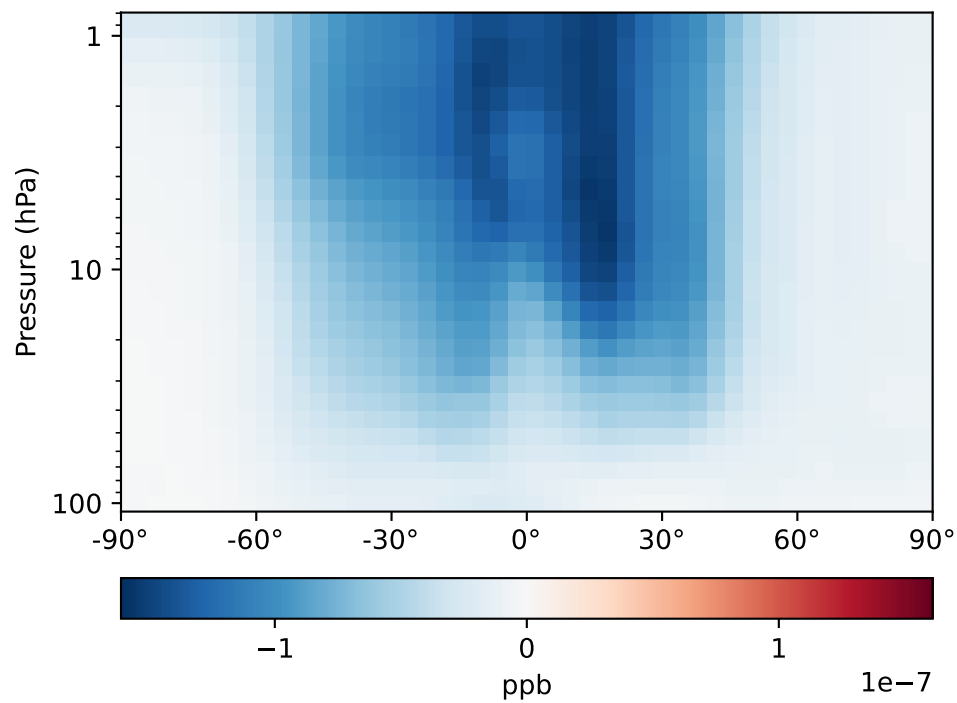


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

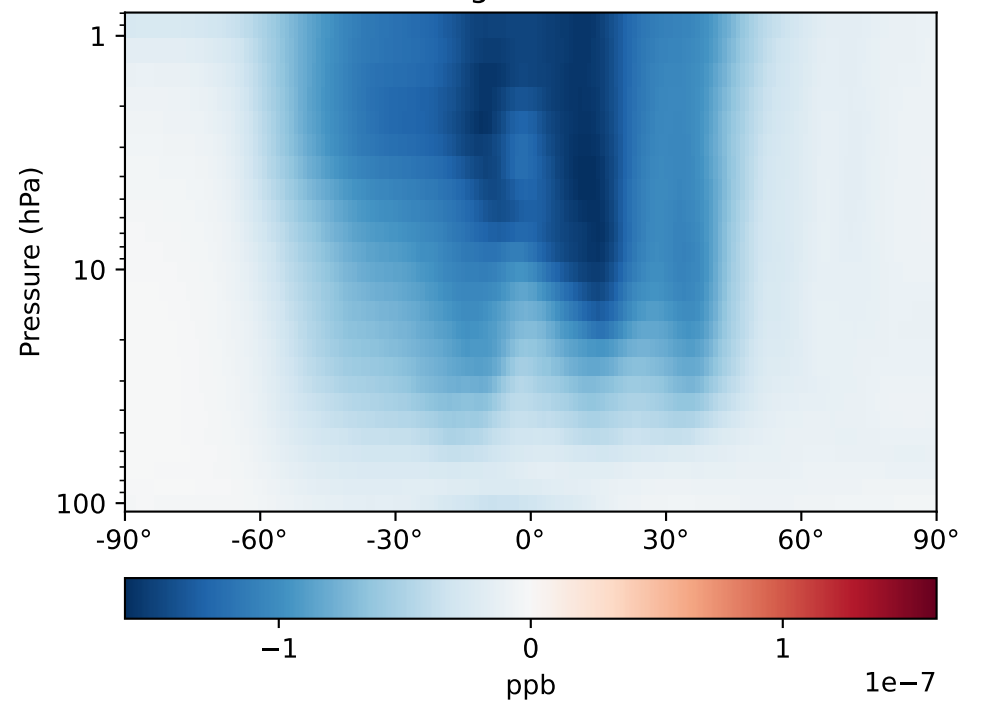


SpeciesConc_BrSALC, Zonal Mean

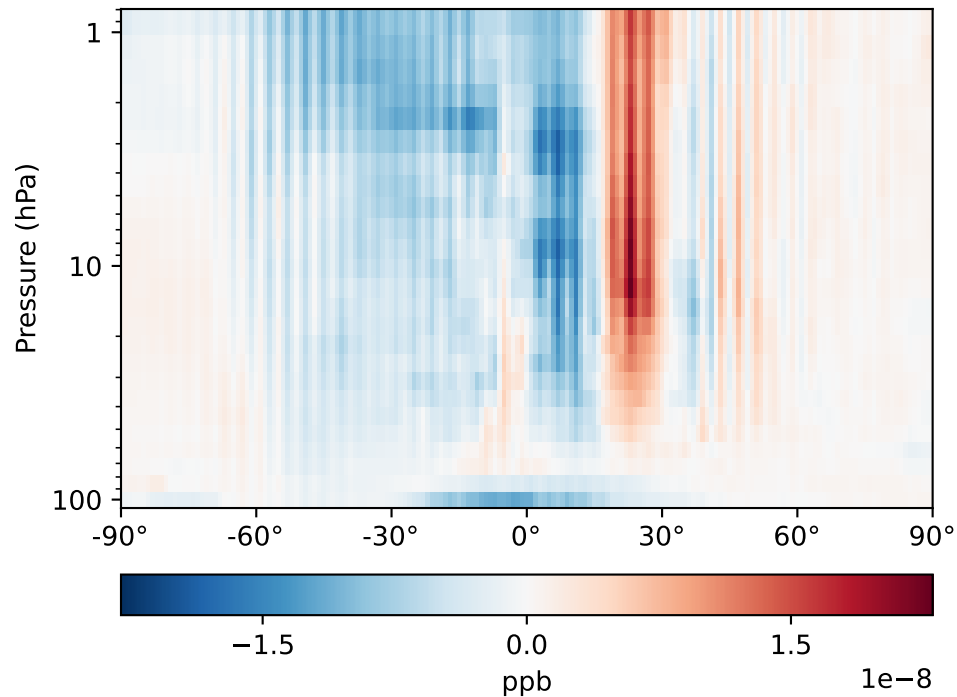
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



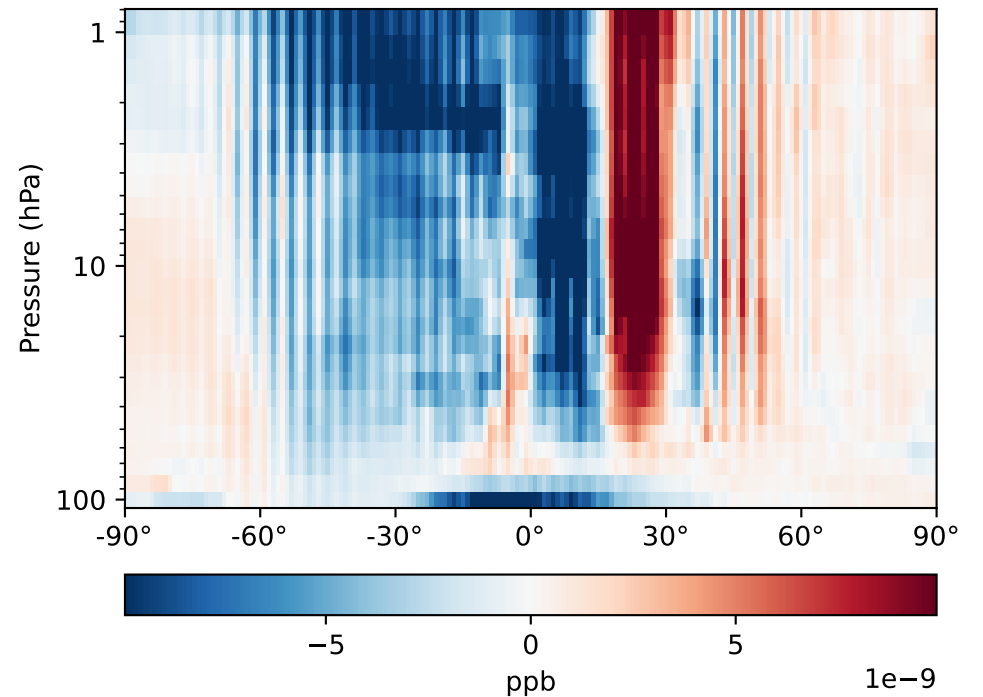
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



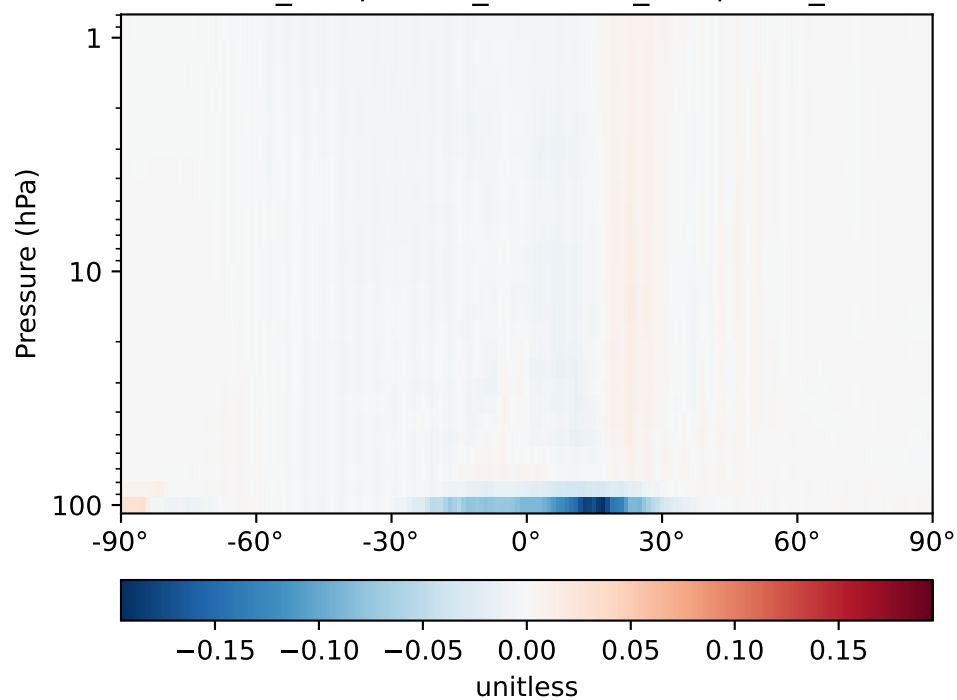
Difference (1x1.25)
Dev - Ref, Dynamic Range



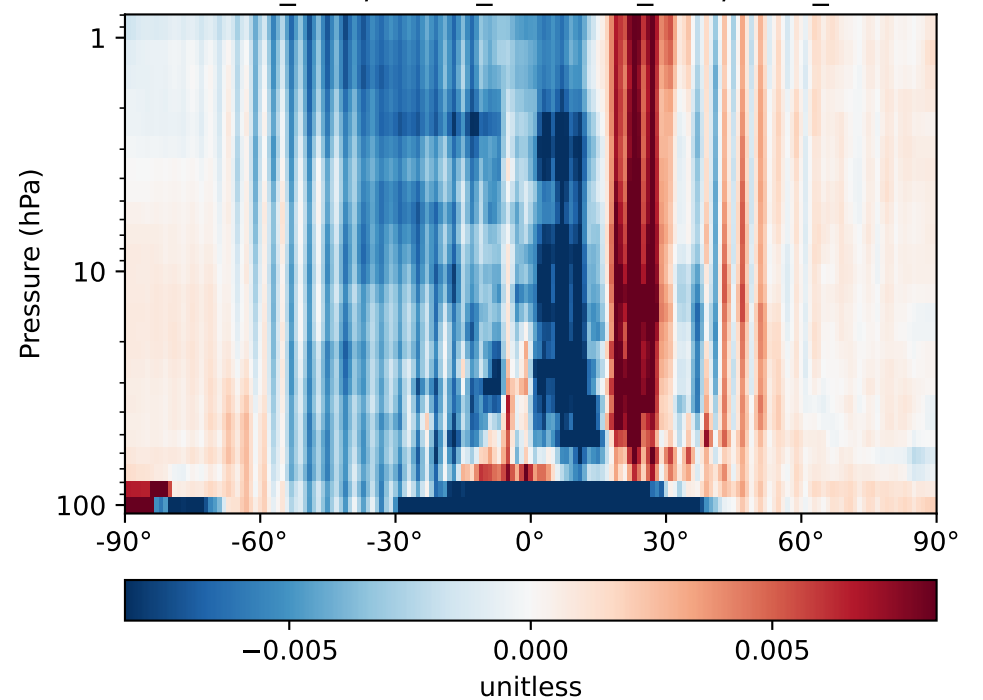
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

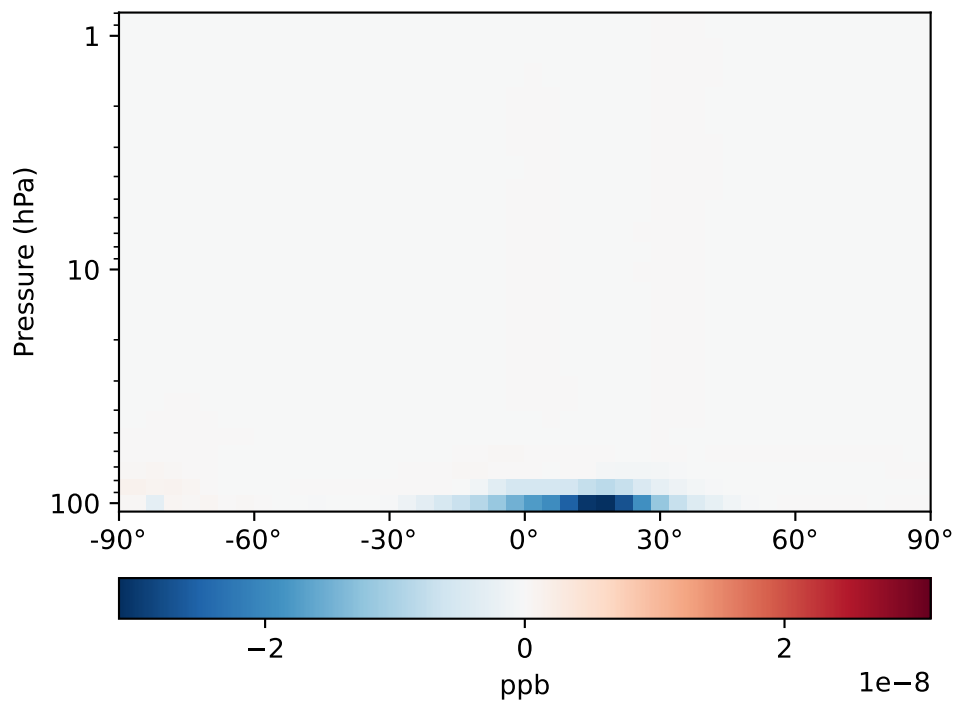


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

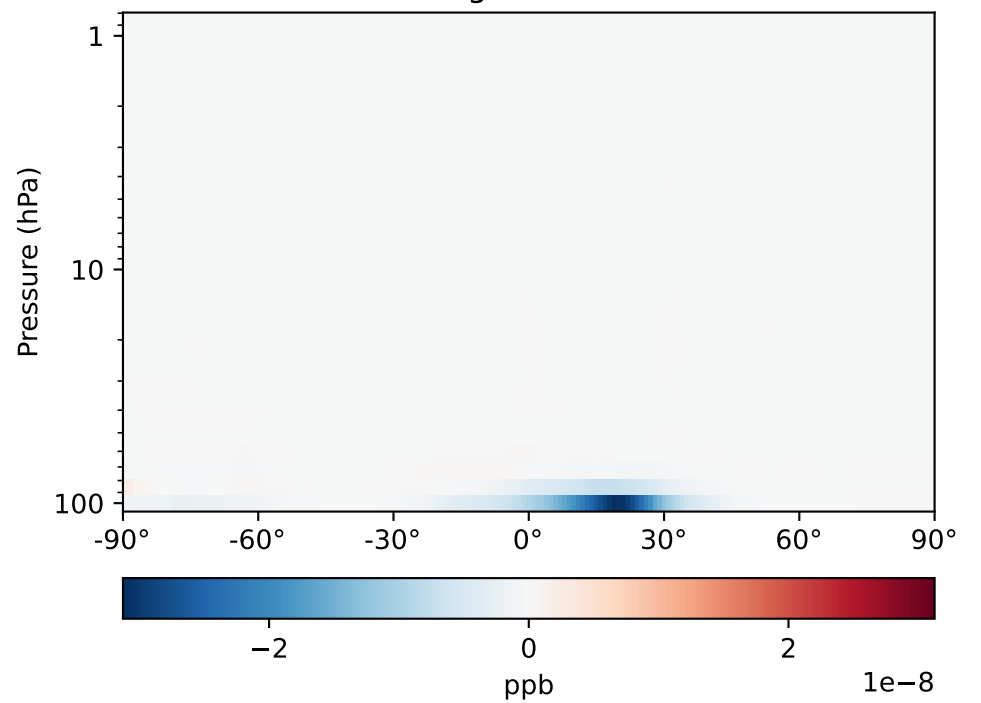


SpeciesConc_ISALA, Zonal Mean

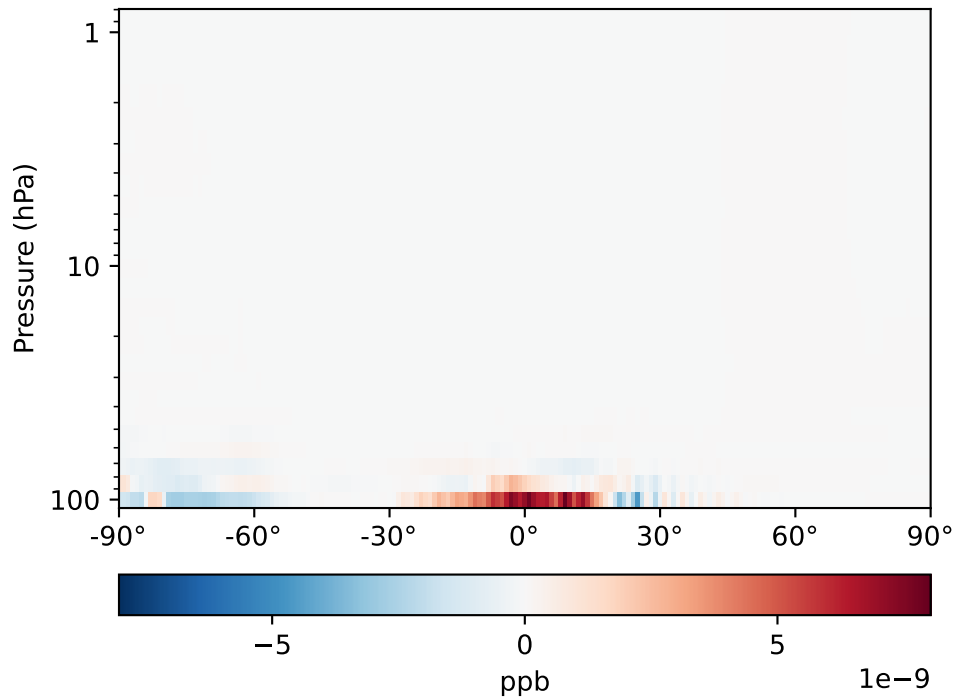
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



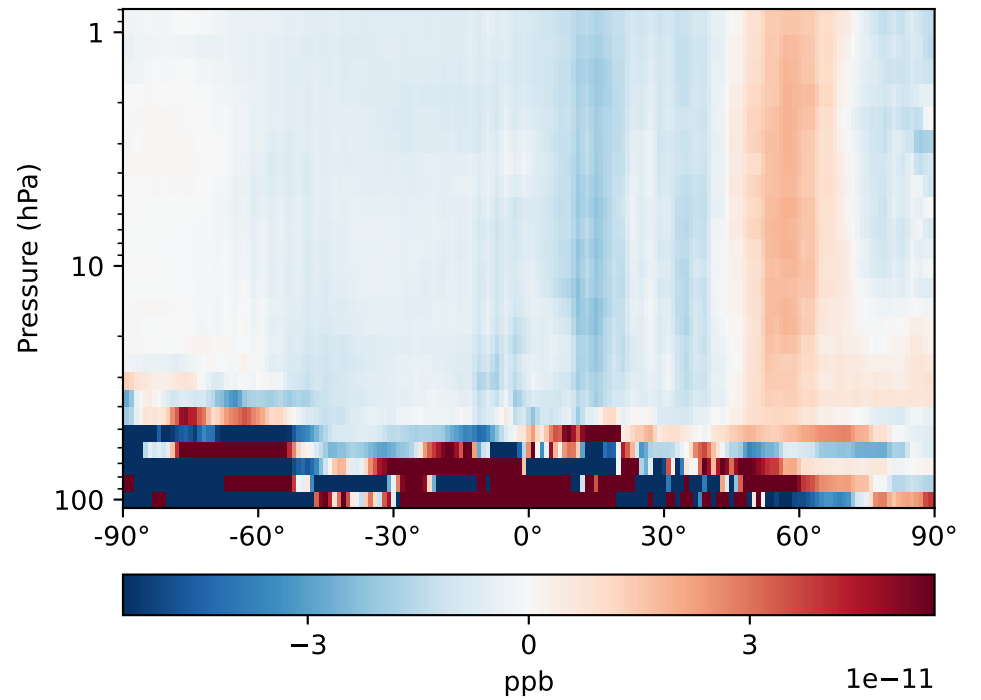
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



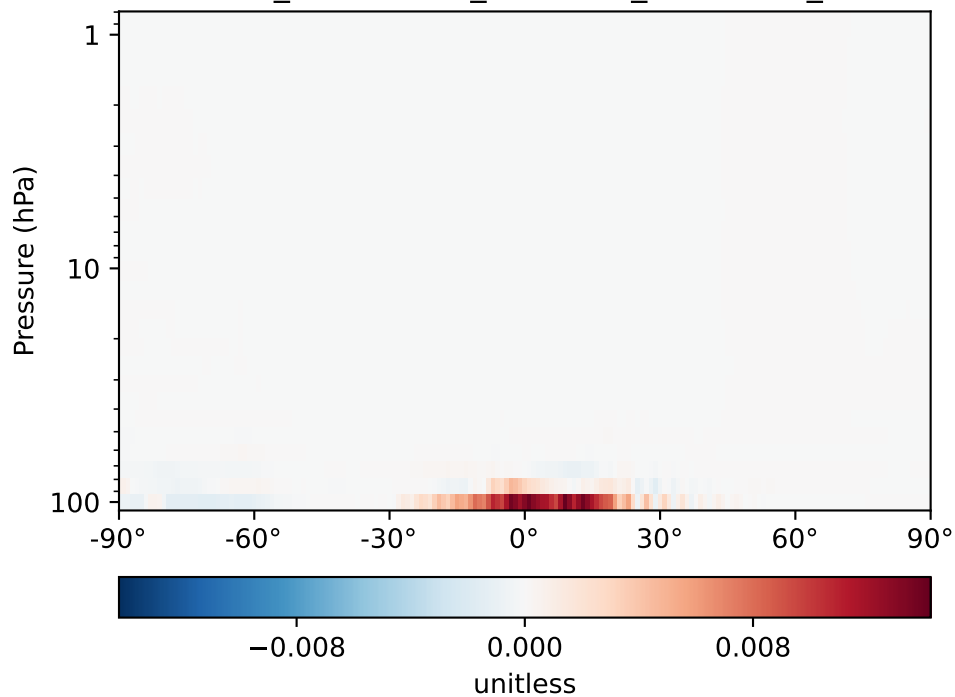
Difference (1x1.25)
Dev - Ref, Dynamic Range



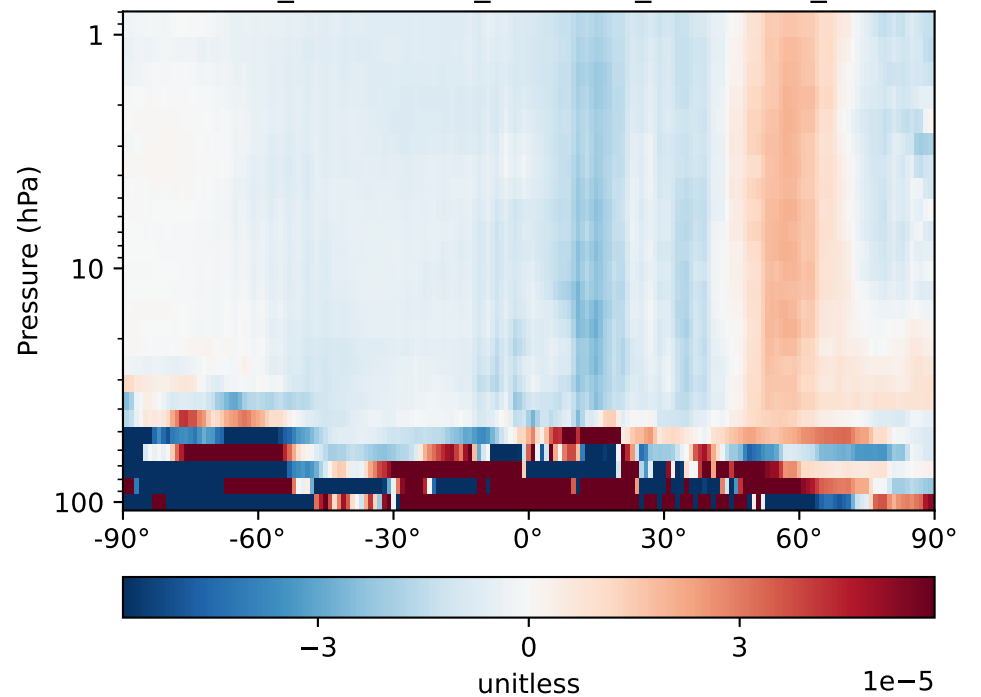
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

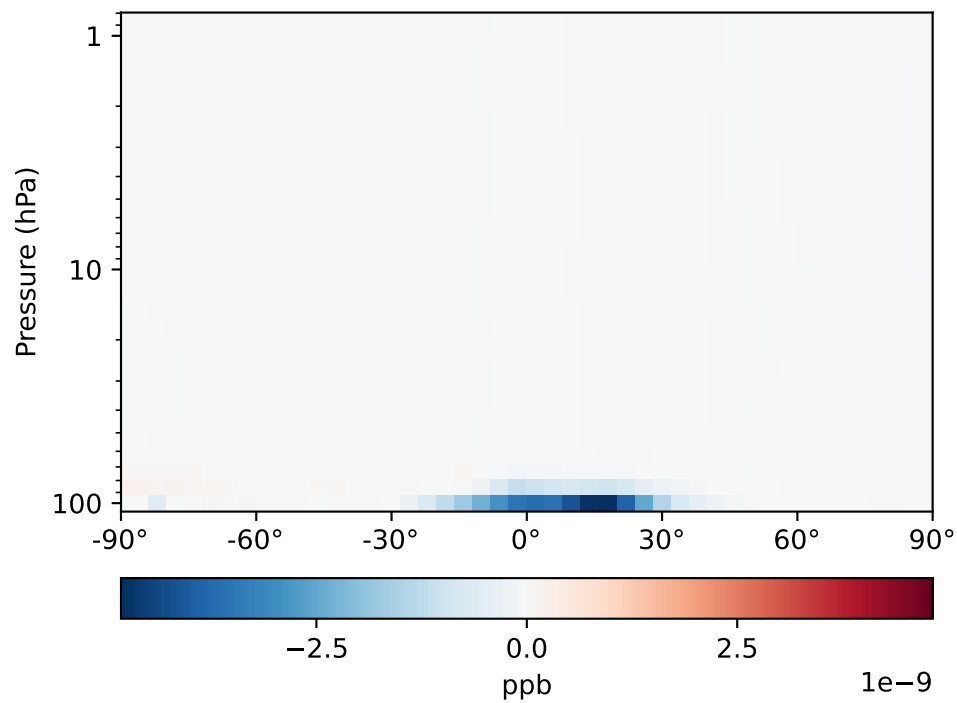


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

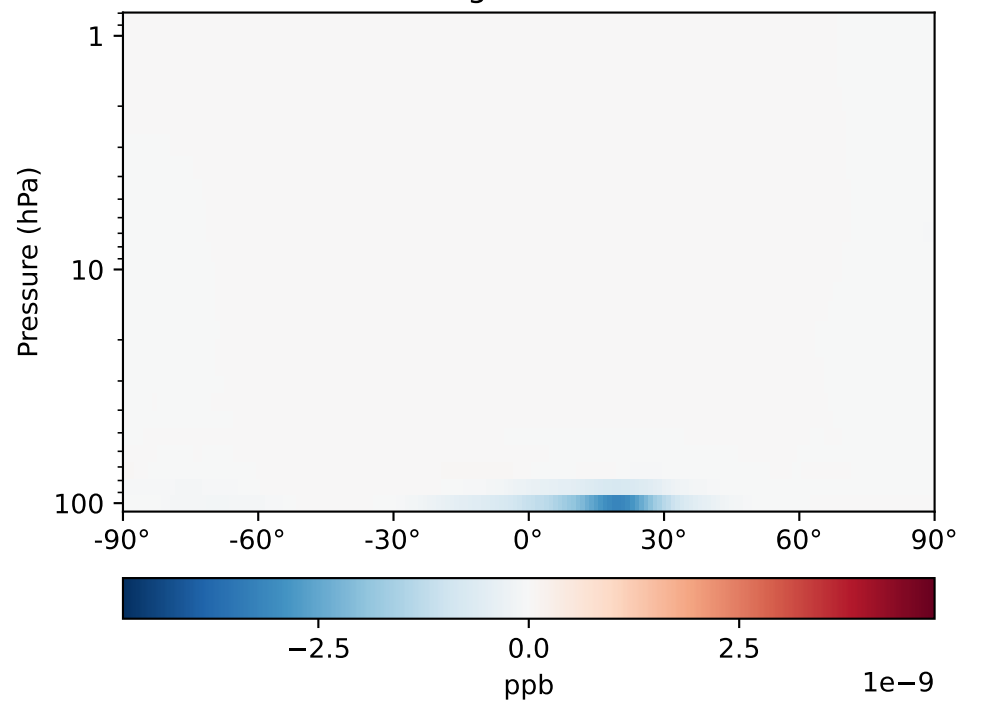


SpeciesConc_ISALC, Zonal Mean

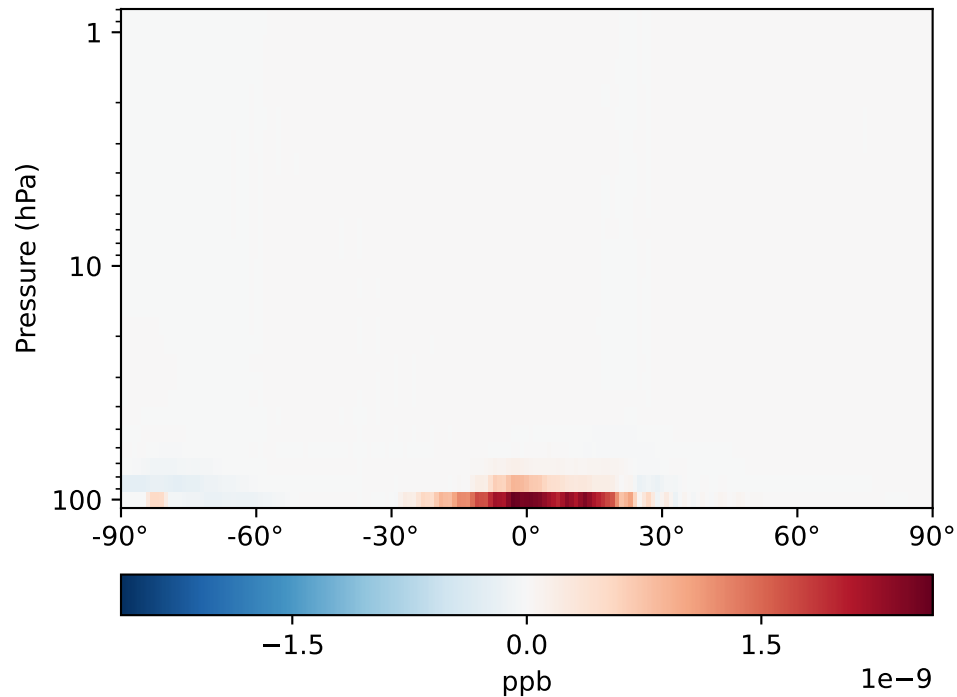
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



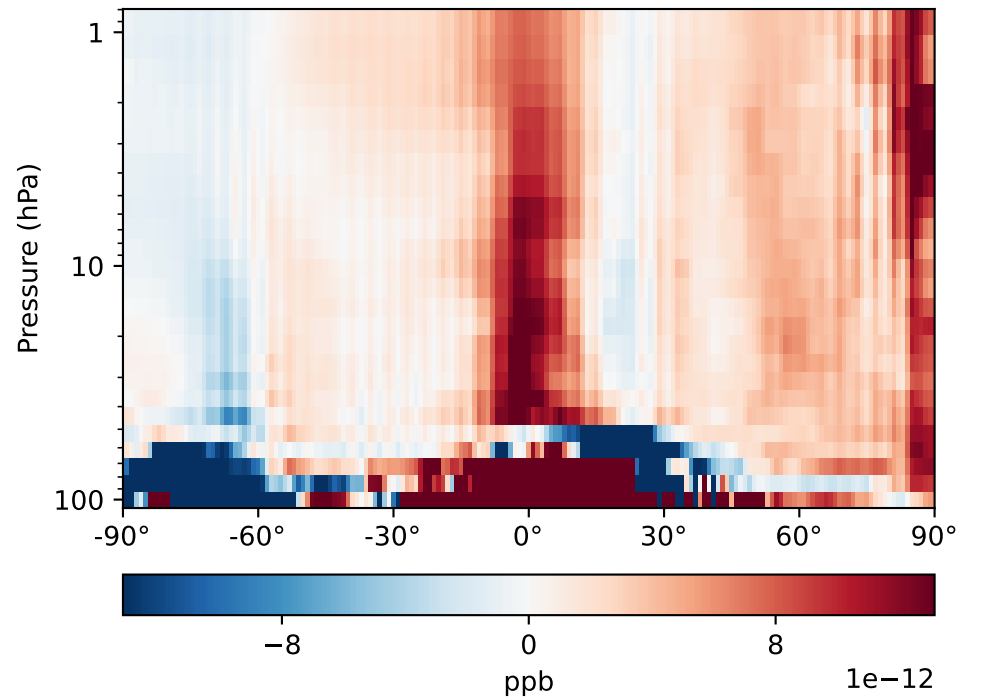
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



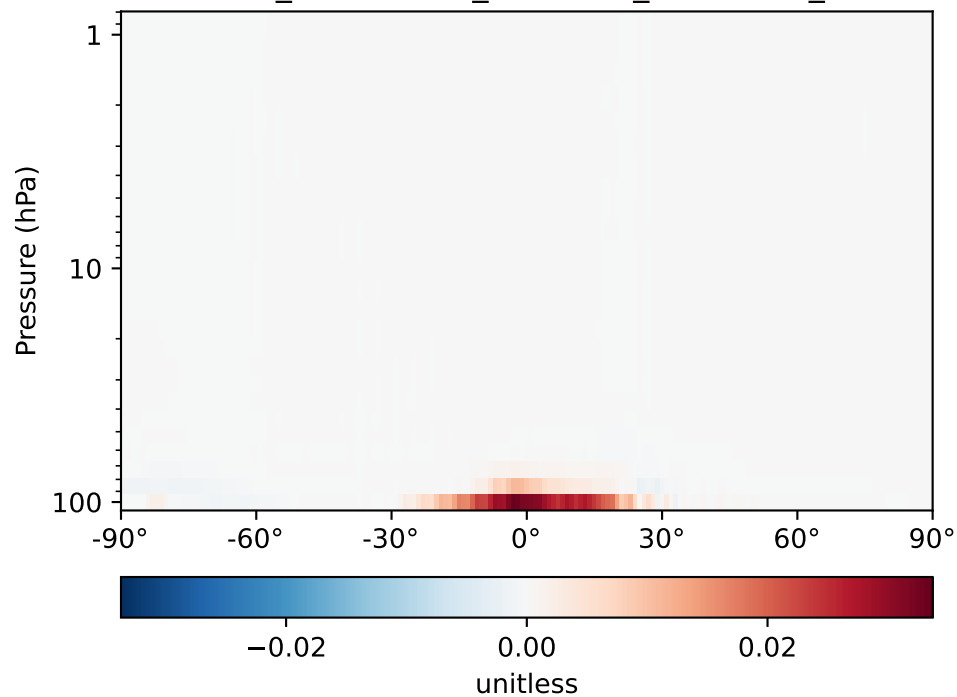
Difference (1x1.25)
Dev - Ref, Dynamic Range



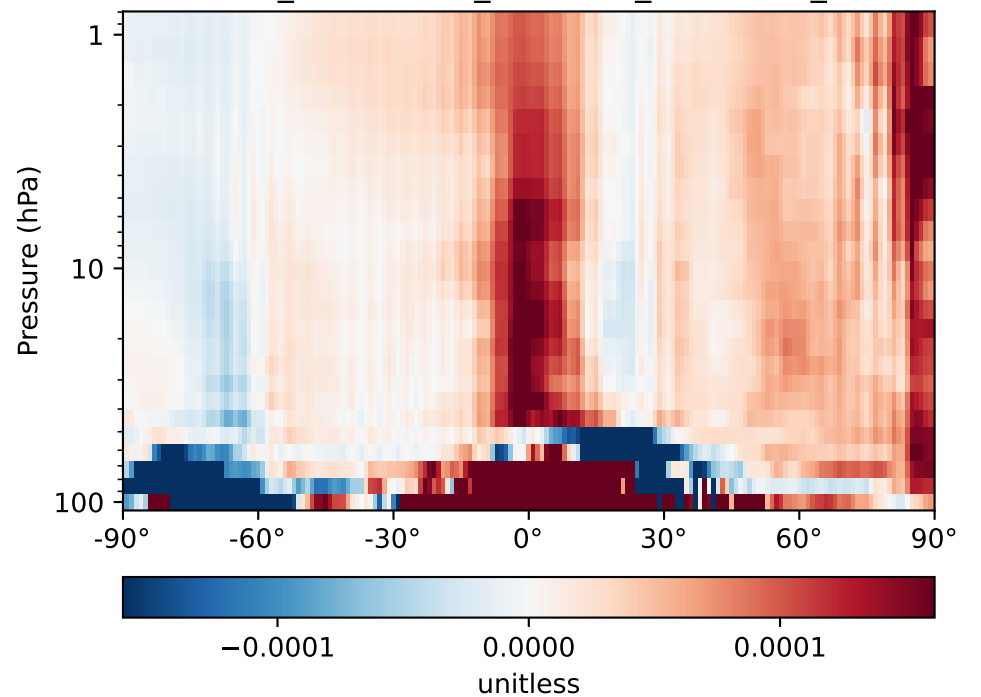
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

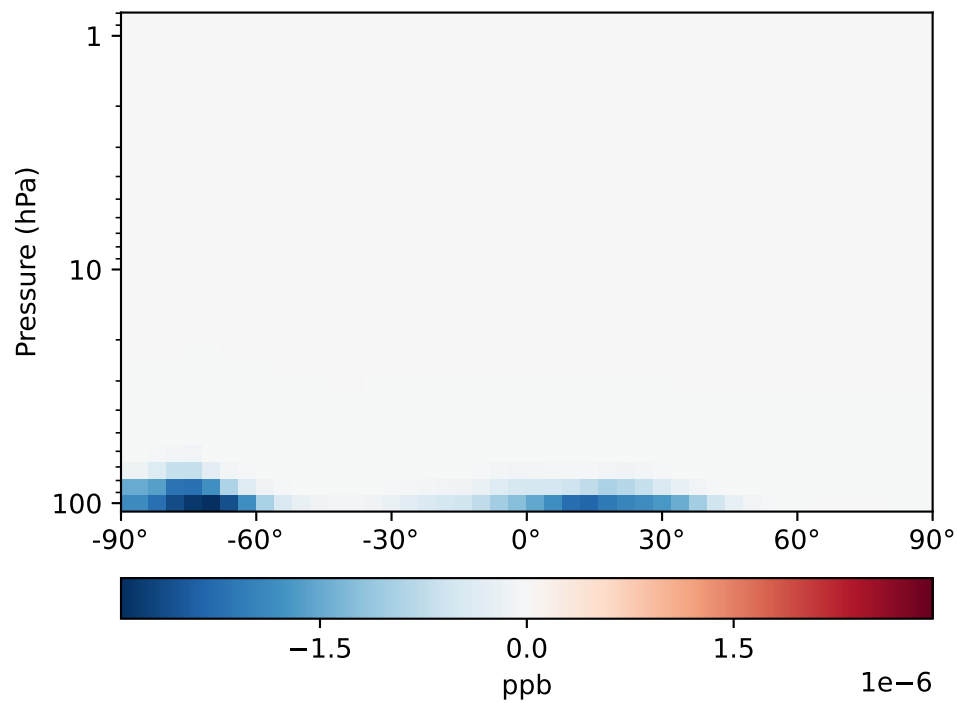


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

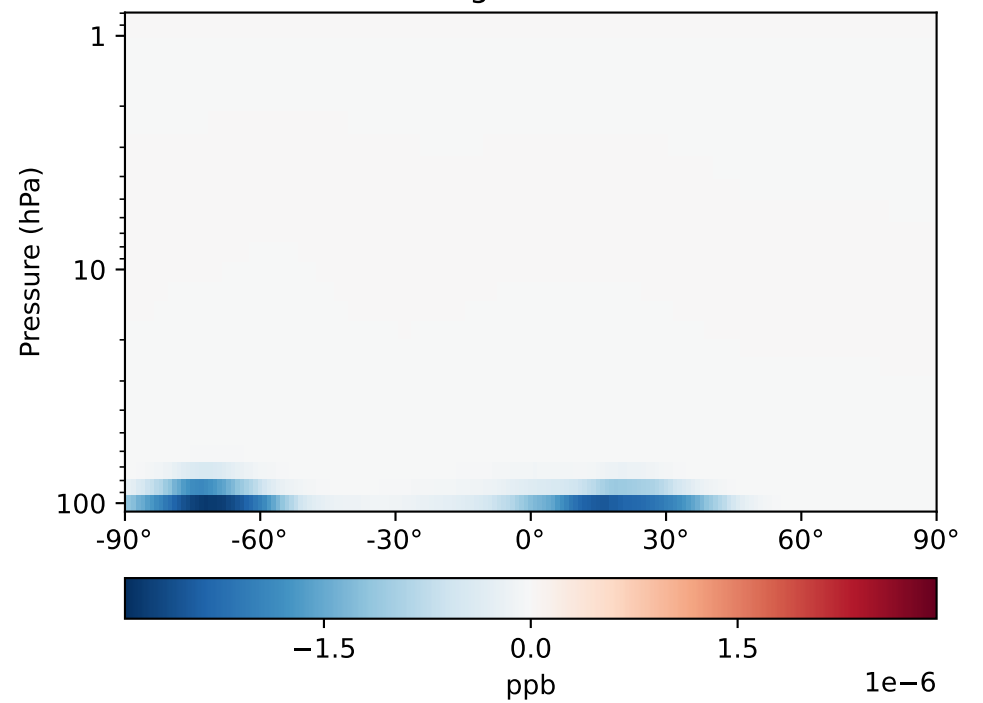


SpeciesConc_NITs, Zonal Mean

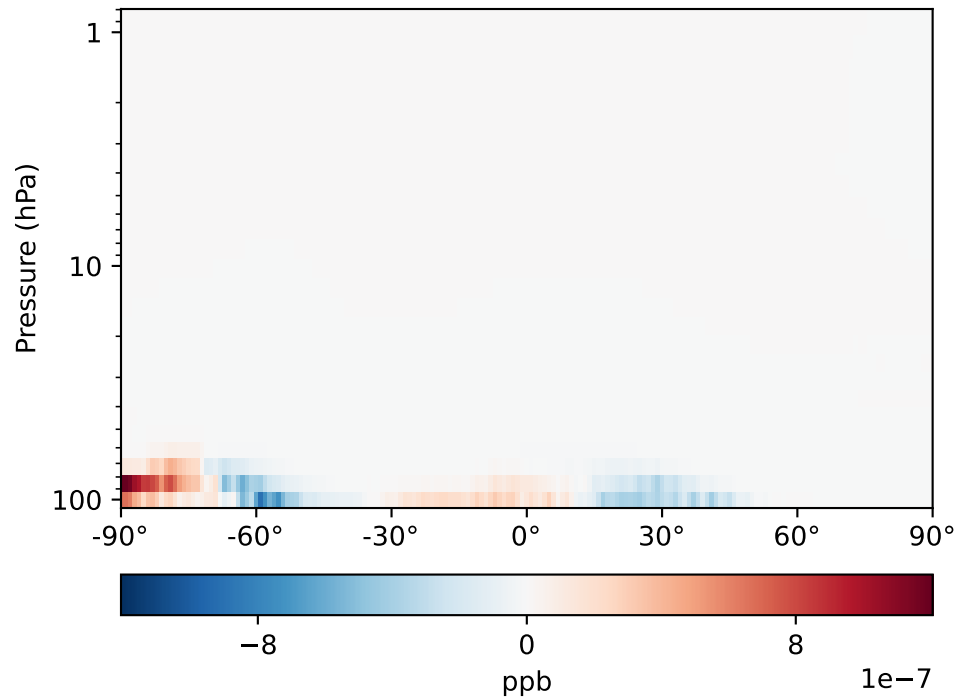
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



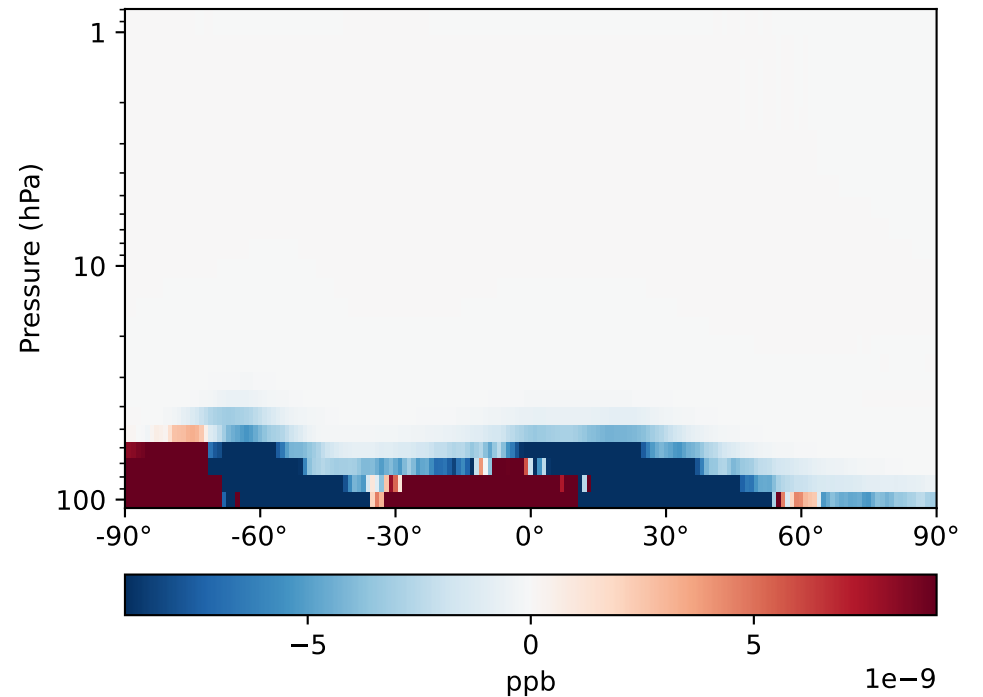
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



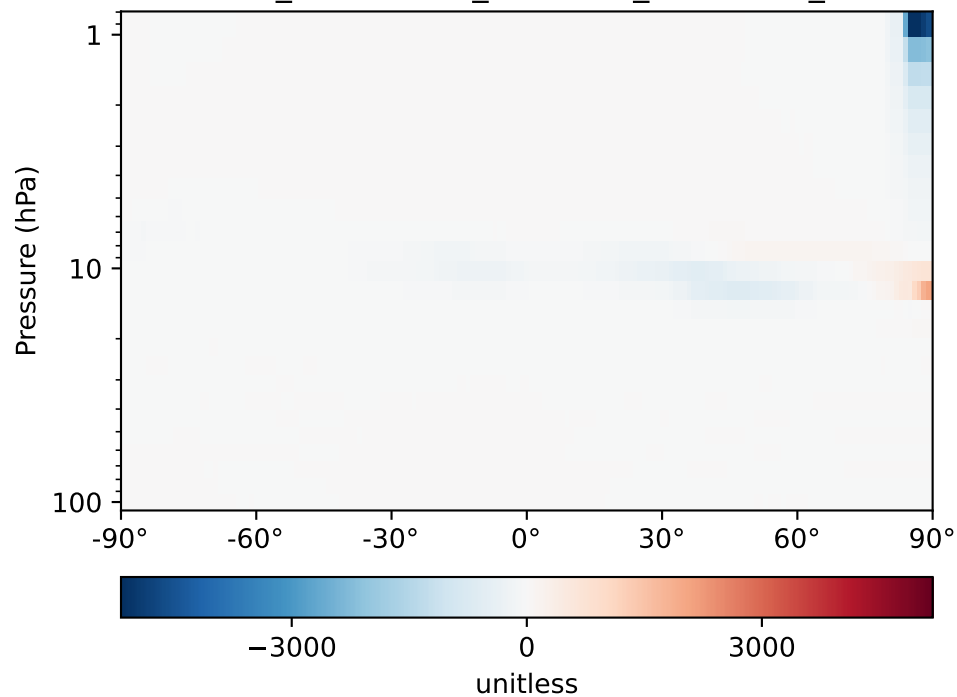
Difference (1x1.25)
Dev - Ref, Dynamic Range



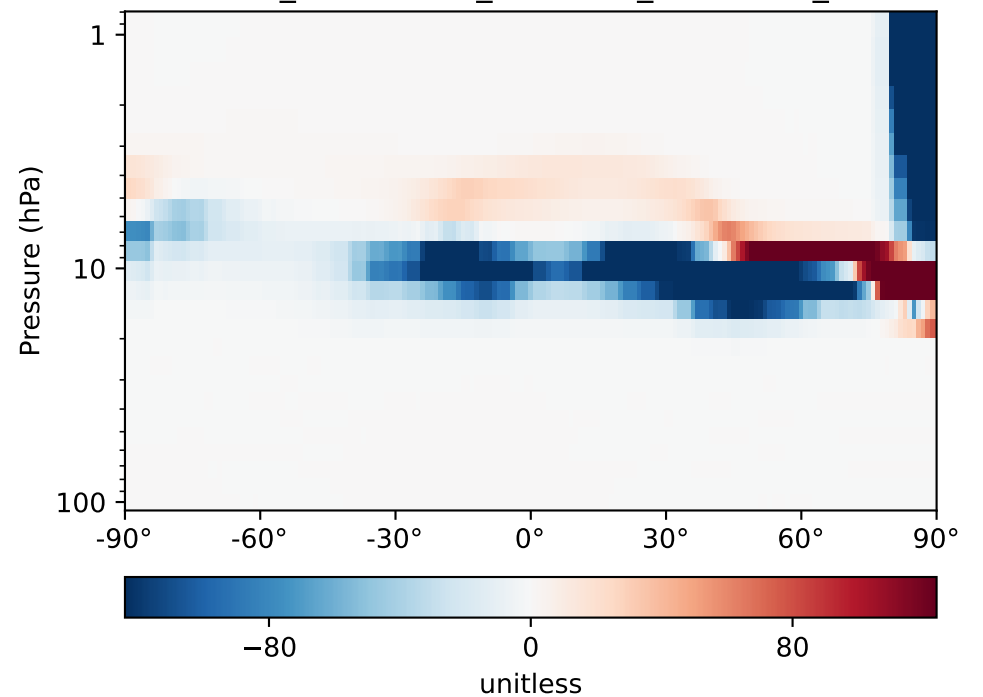
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

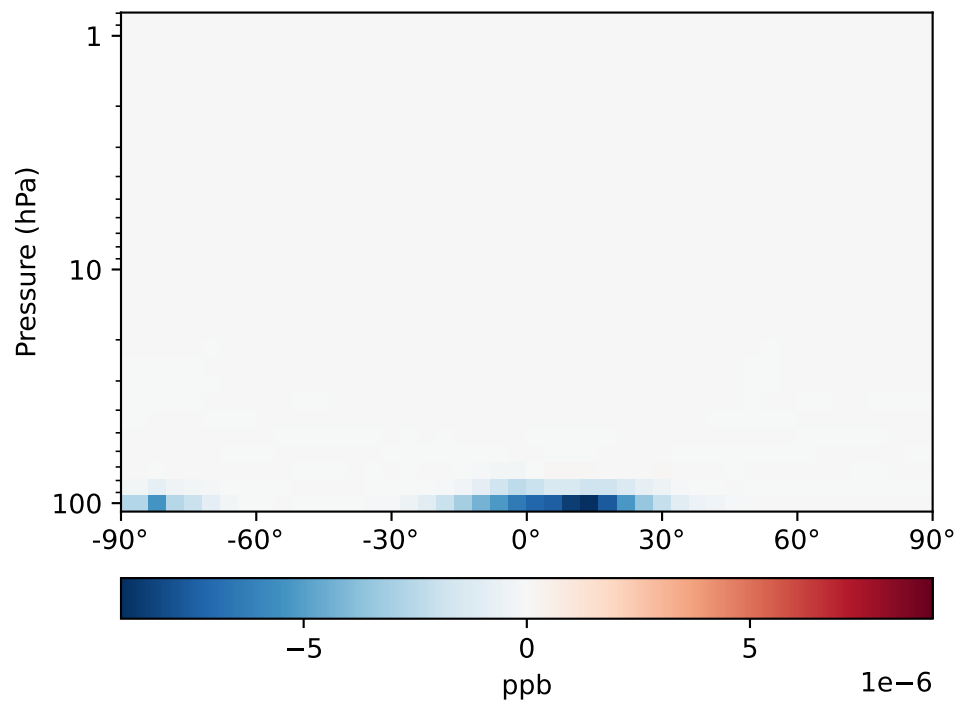


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

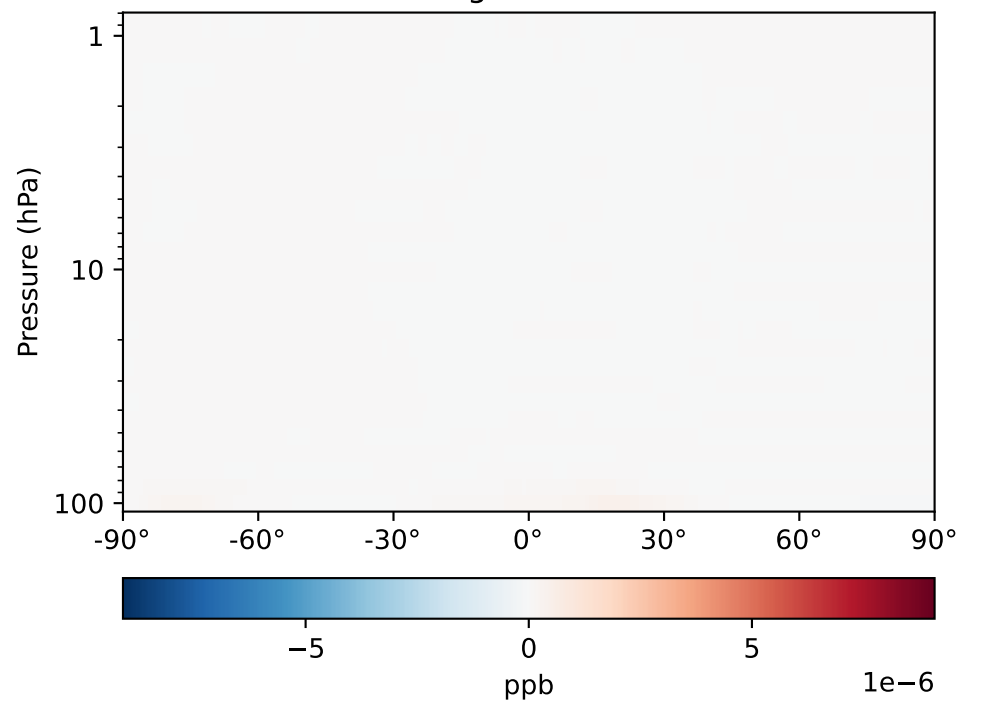


SpeciesConc_SALA, Zonal Mean

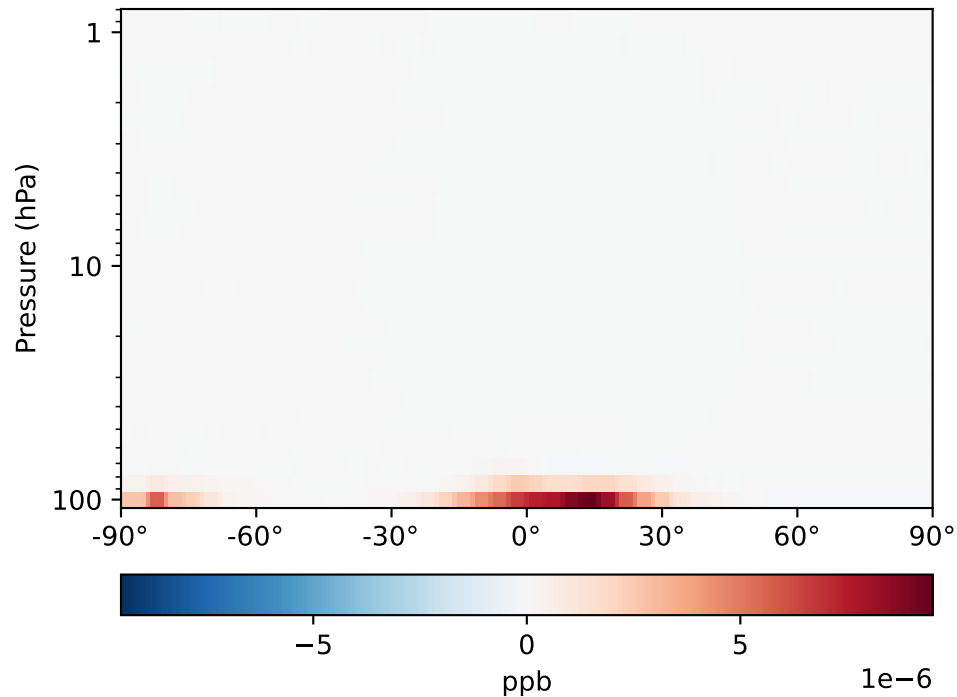
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



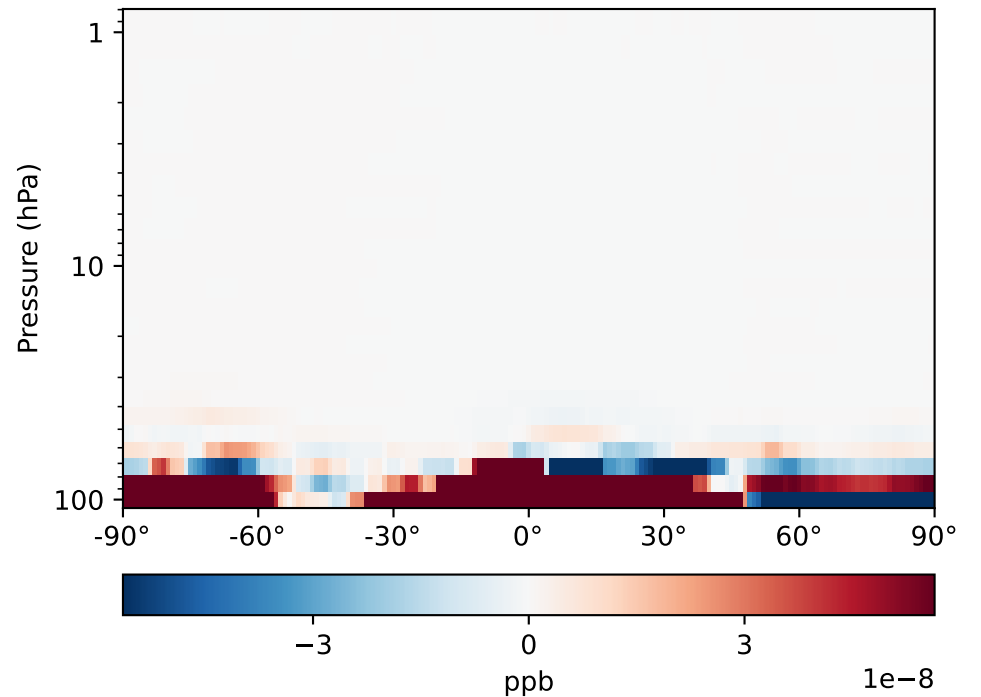
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



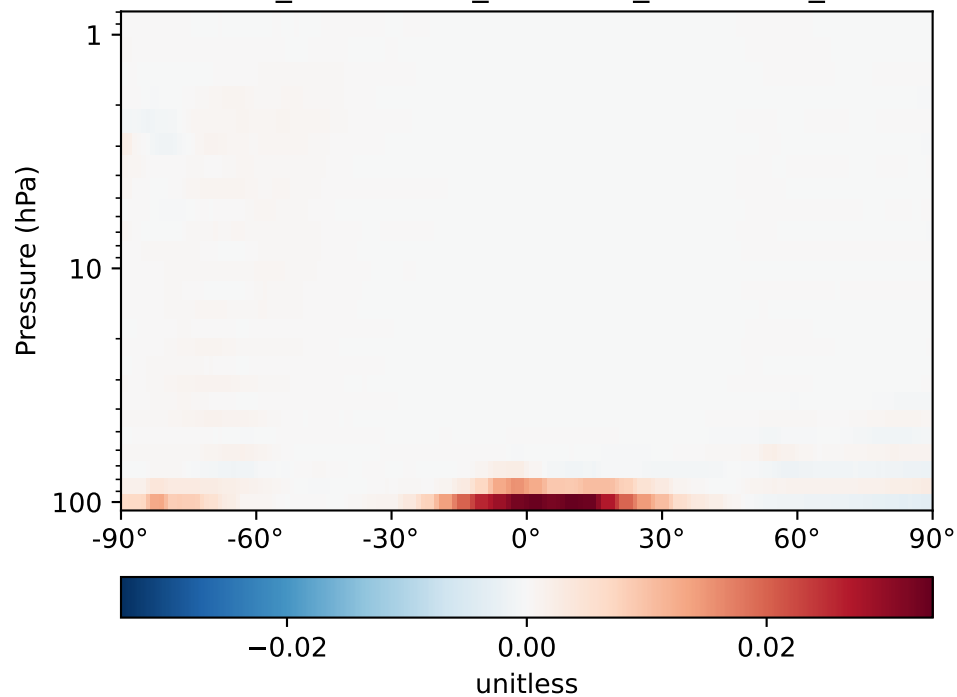
Difference (1x1.25)
Dev - Ref, Dynamic Range



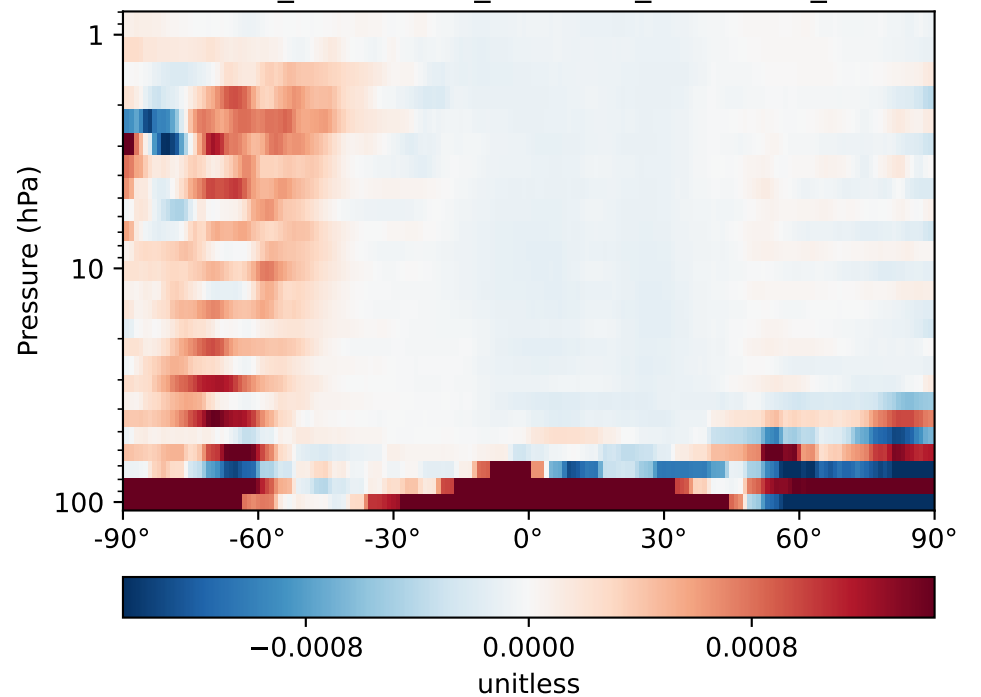
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

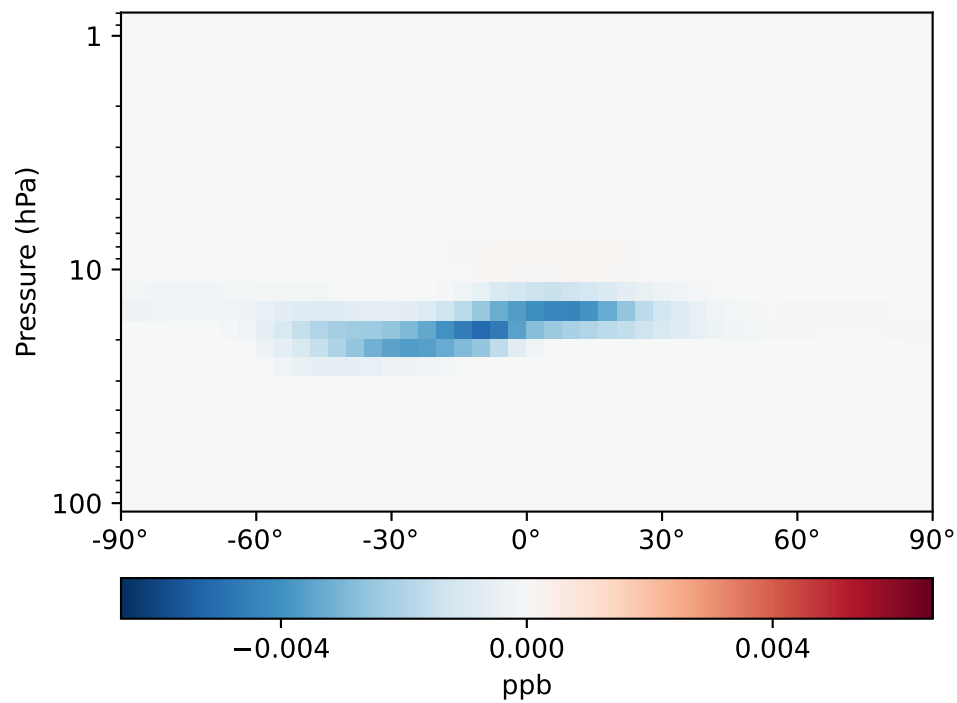


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

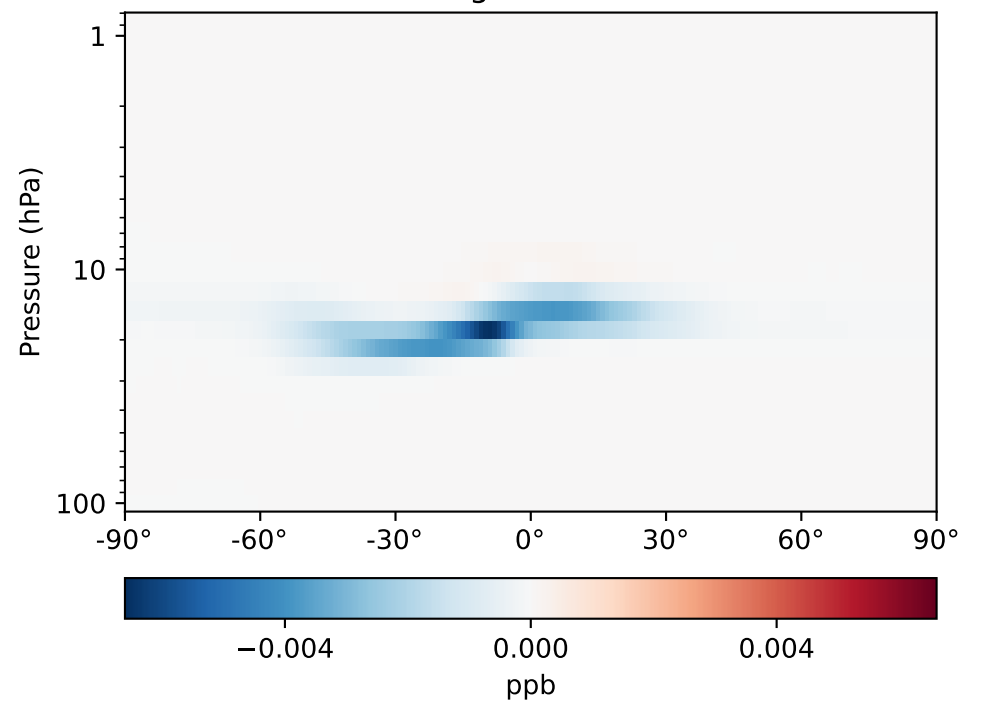


SpeciesConc_SALAAL, Zonal Mean

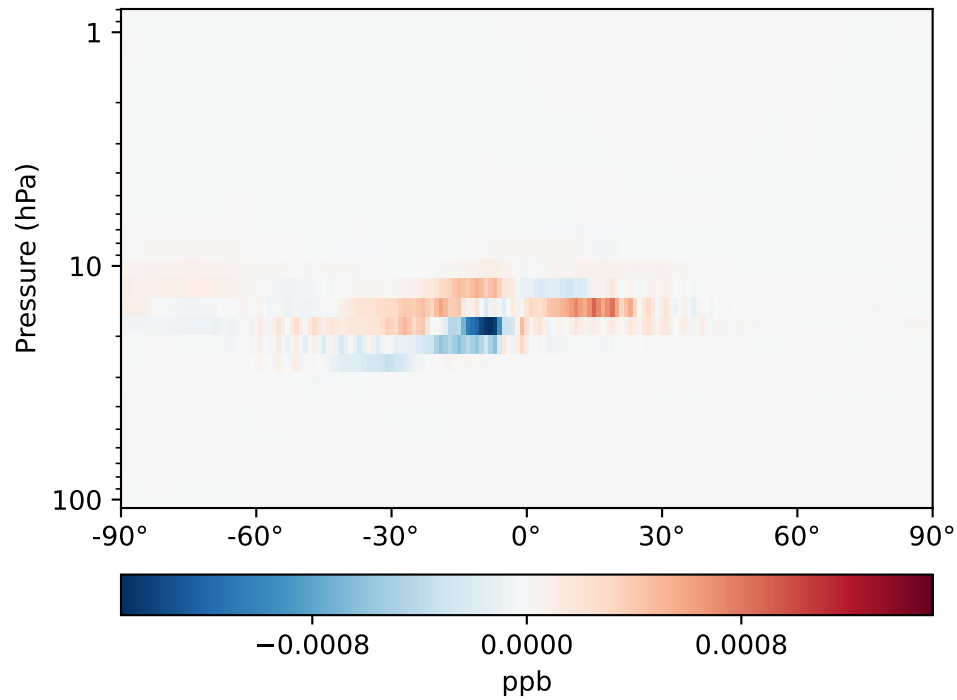
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



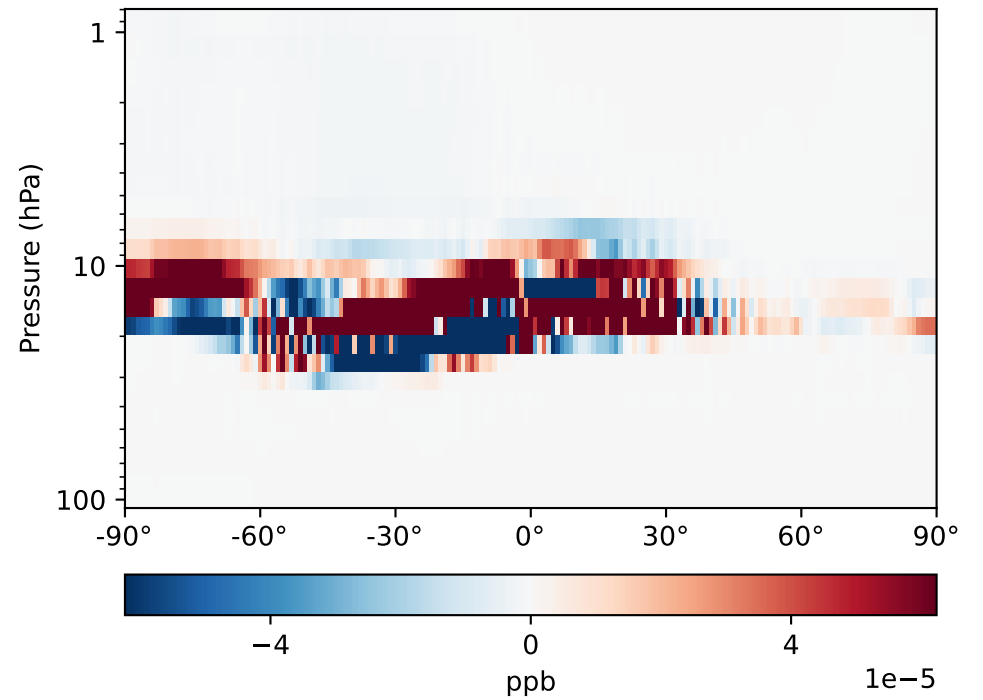
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



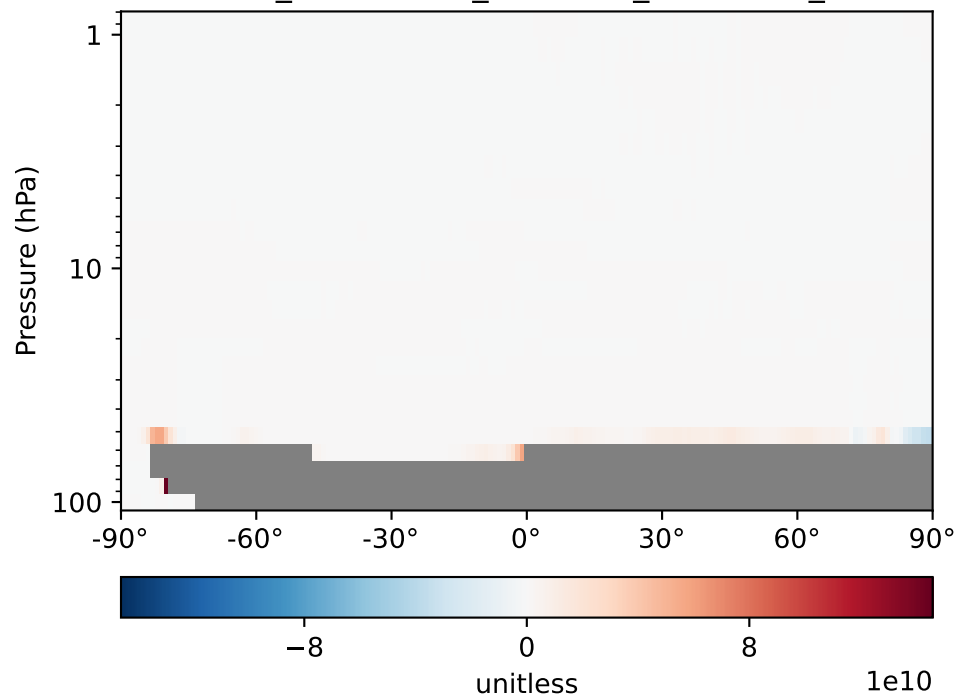
Difference (1x1.25)
Dev - Ref, Dynamic Range



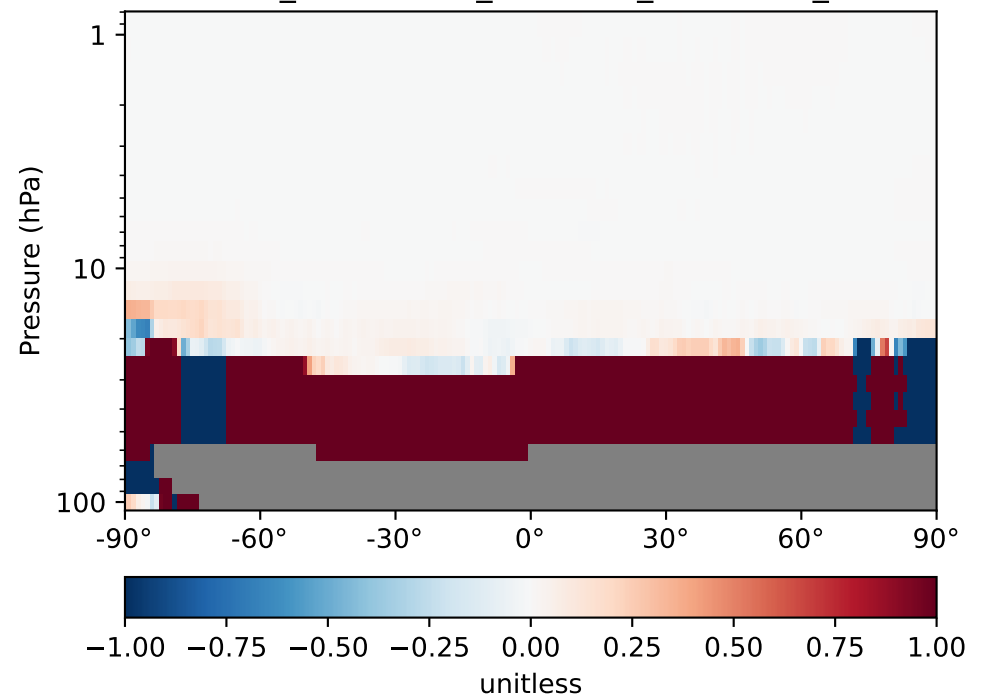
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

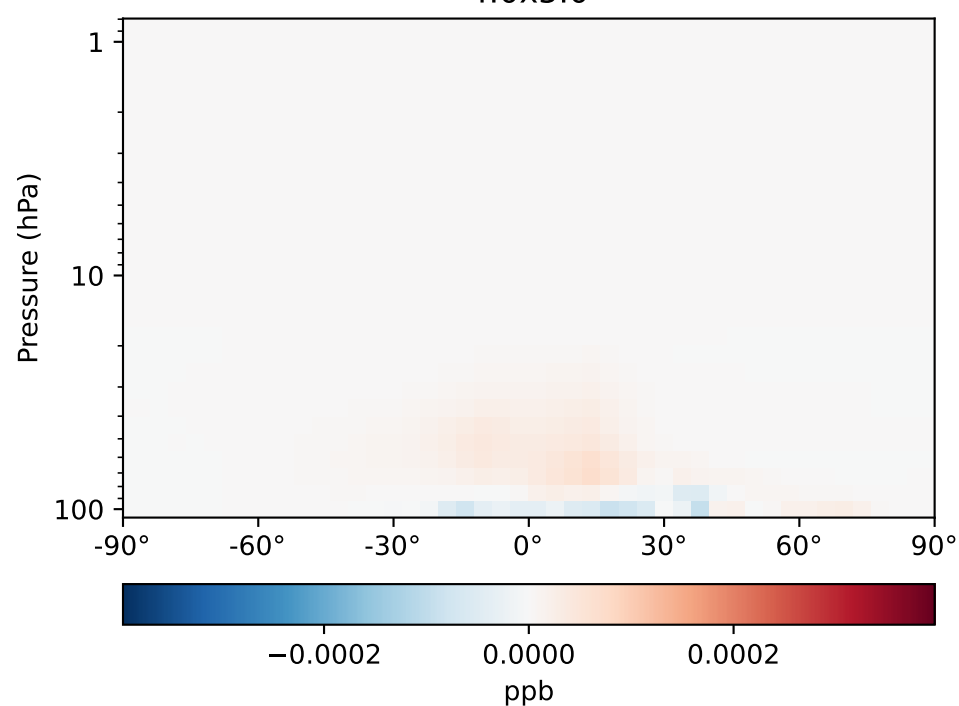


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

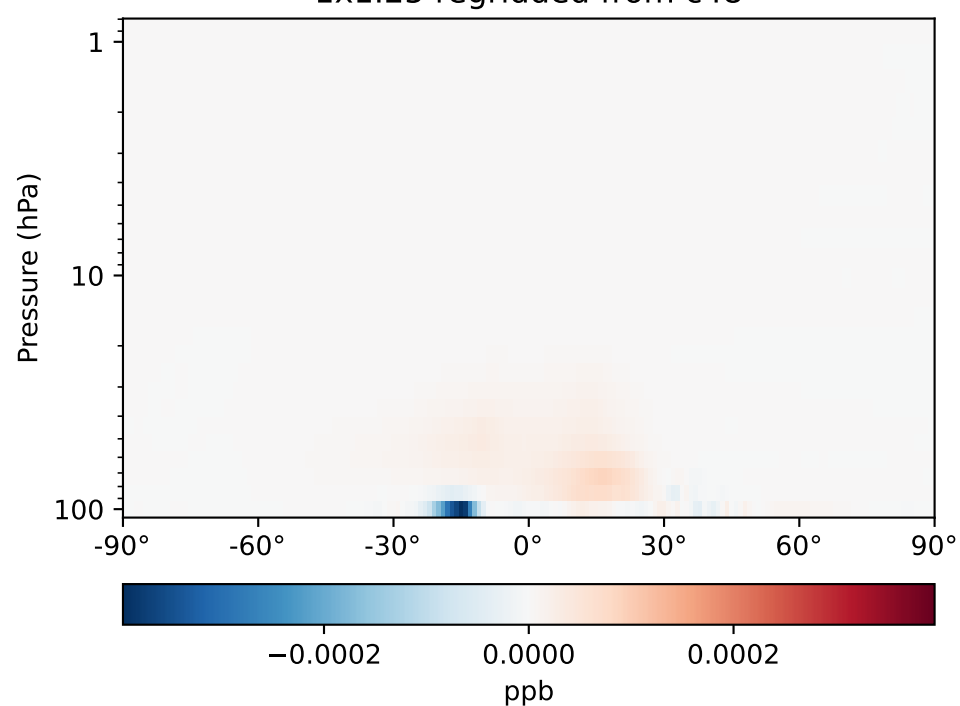


SpeciesConc_SALACL, Zonal Mean

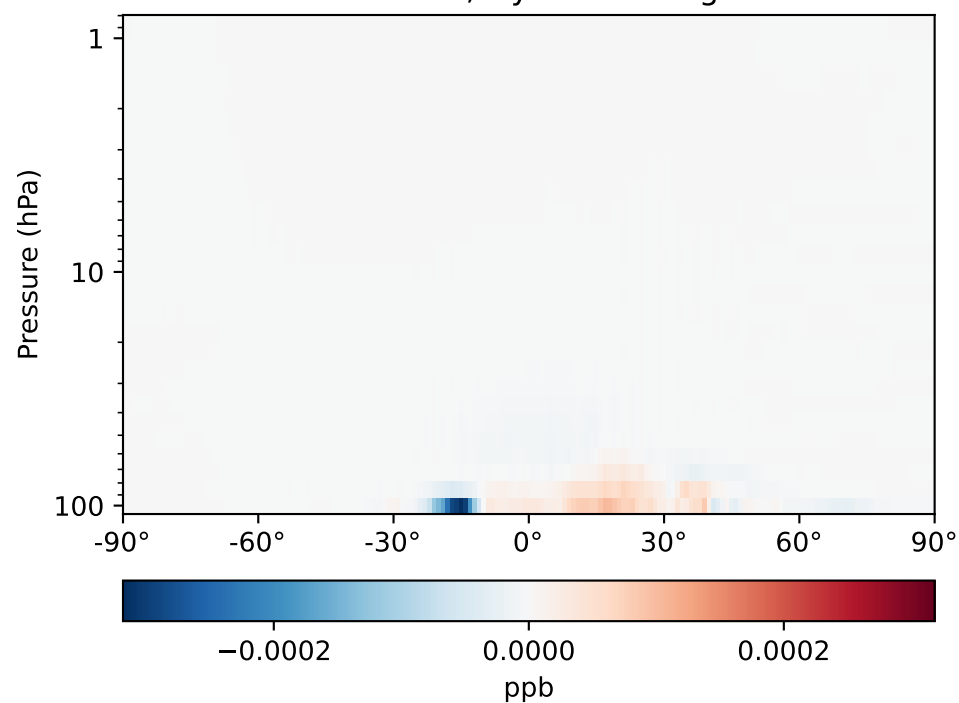
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



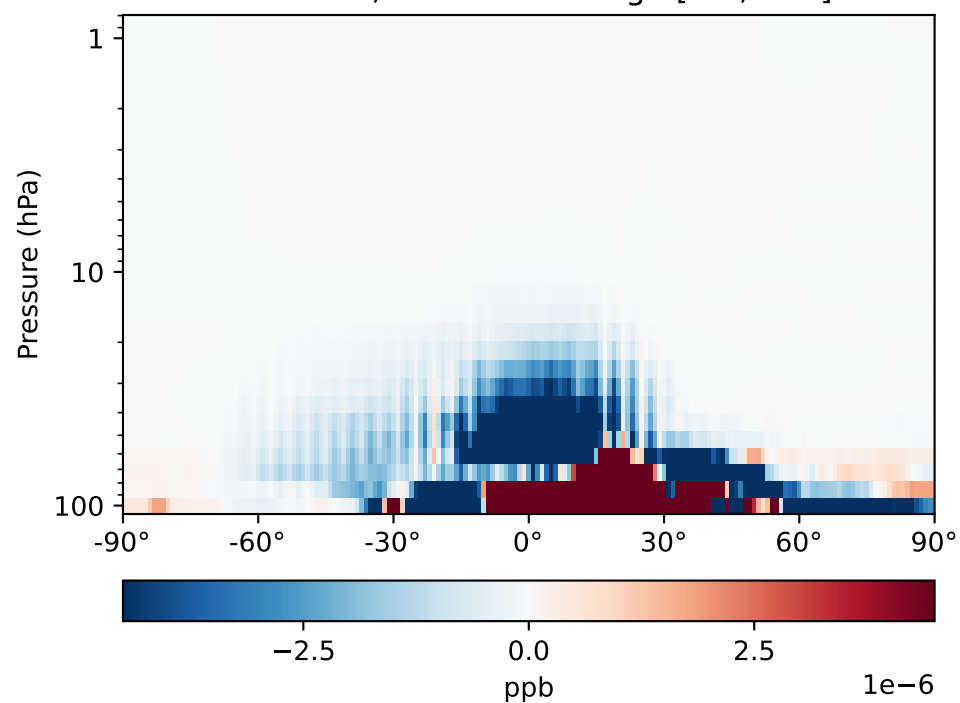
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



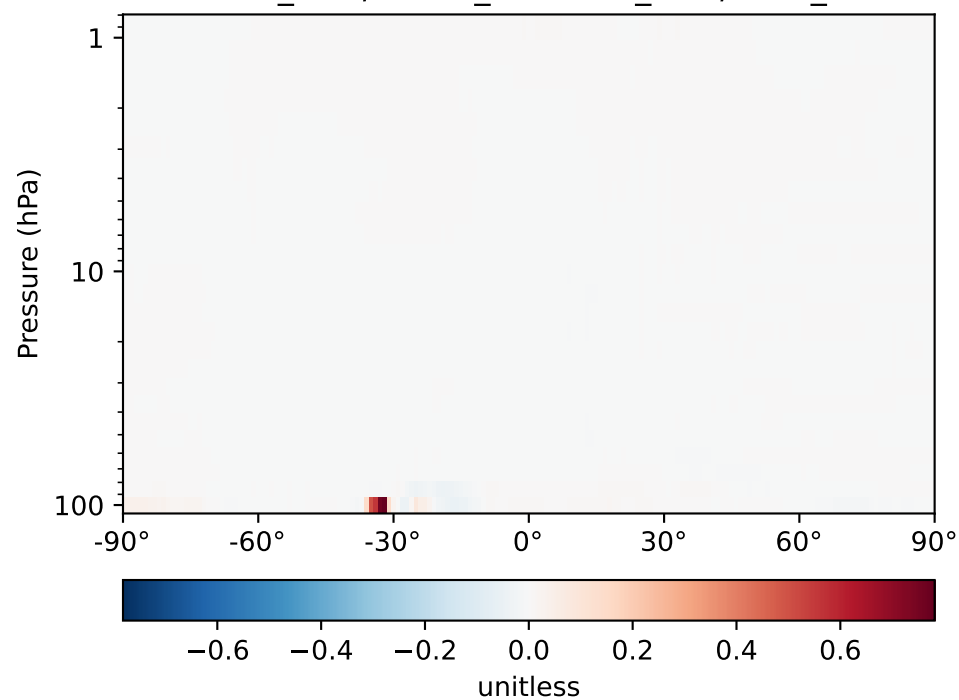
Difference (1x1.25)
Dev - Ref, Dynamic Range



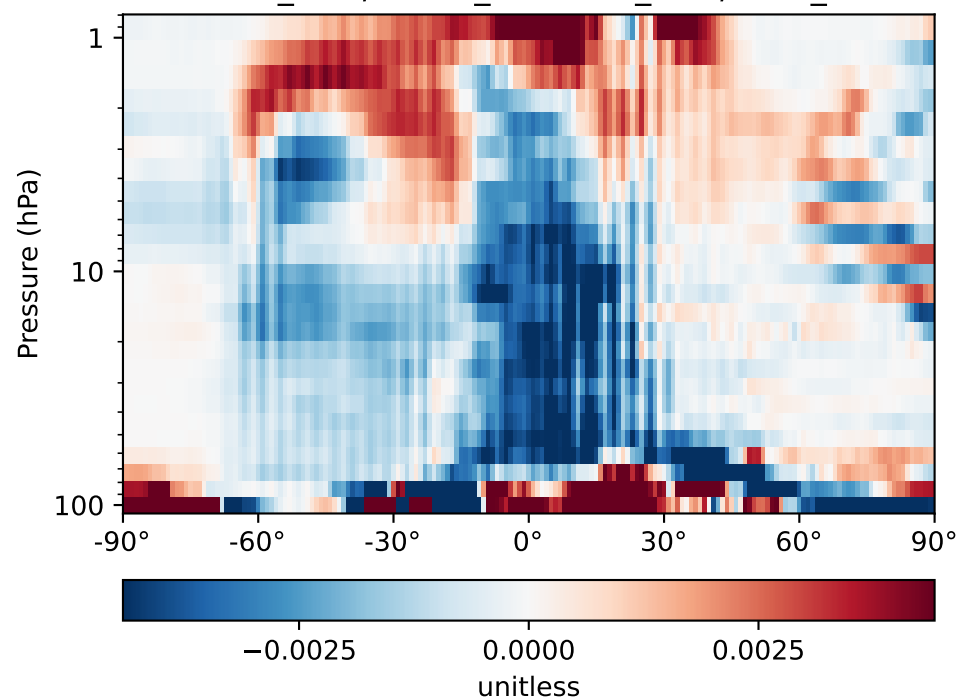
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

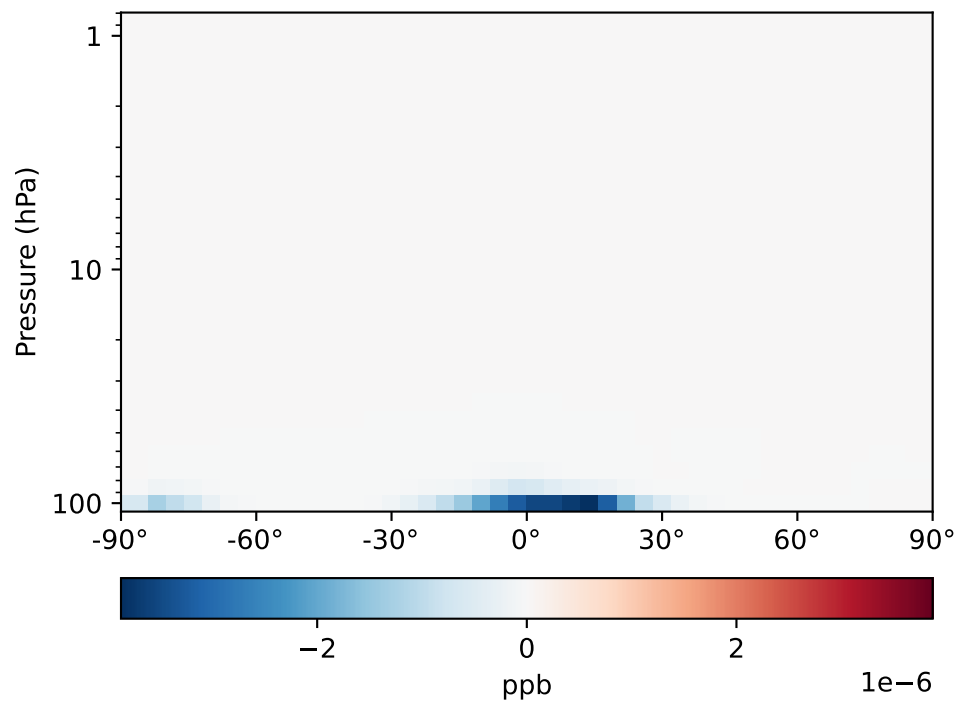


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

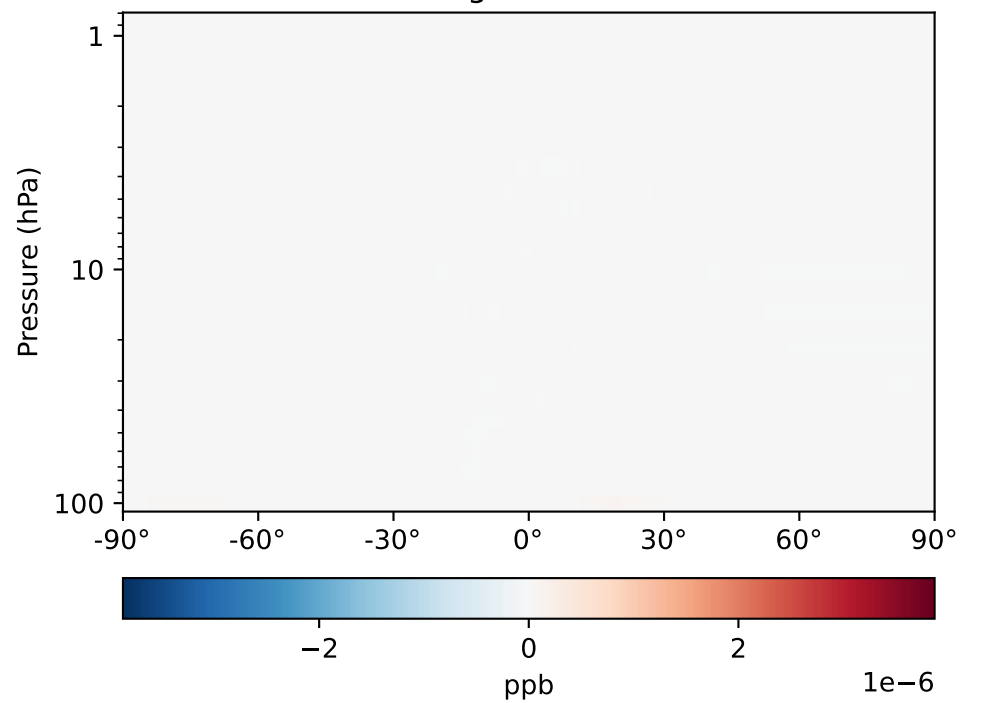


SpeciesConc_SALC, Zonal Mean

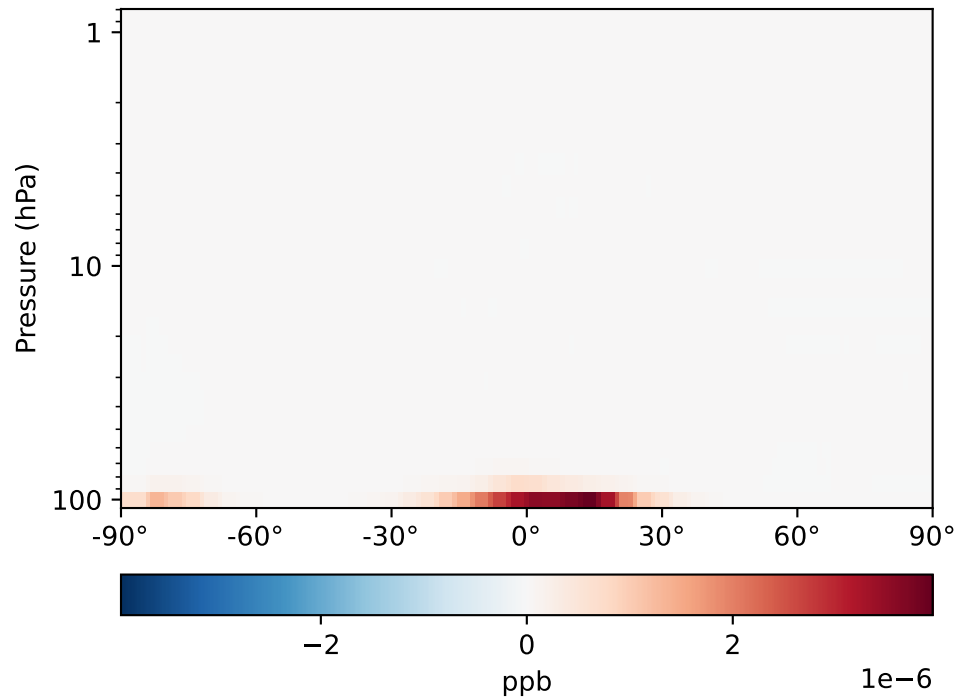
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



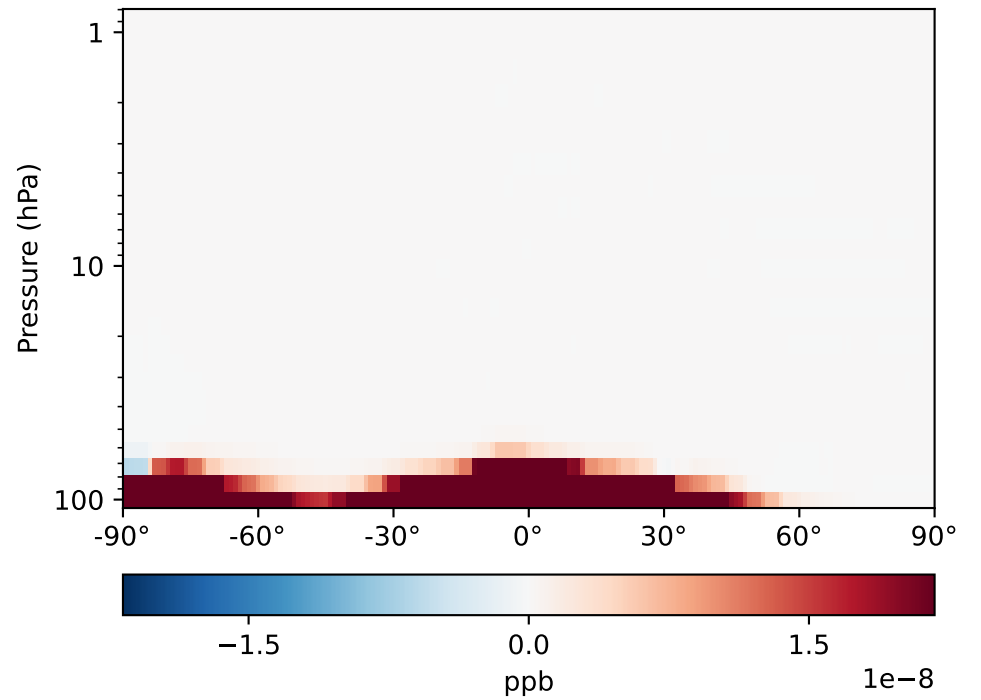
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



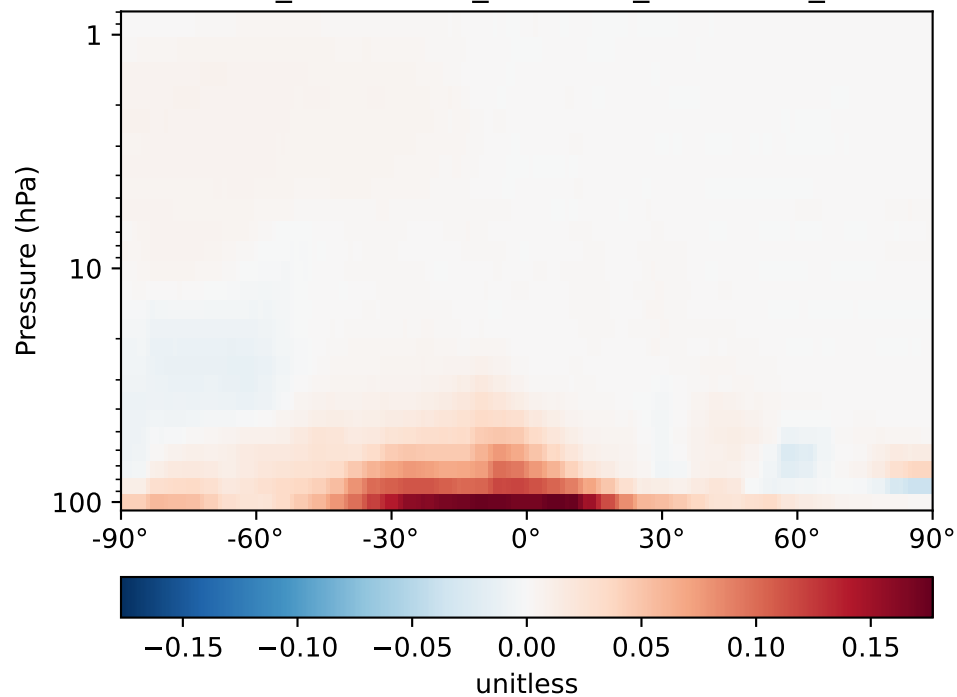
Difference (1x1.25)
Dev - Ref, Dynamic Range



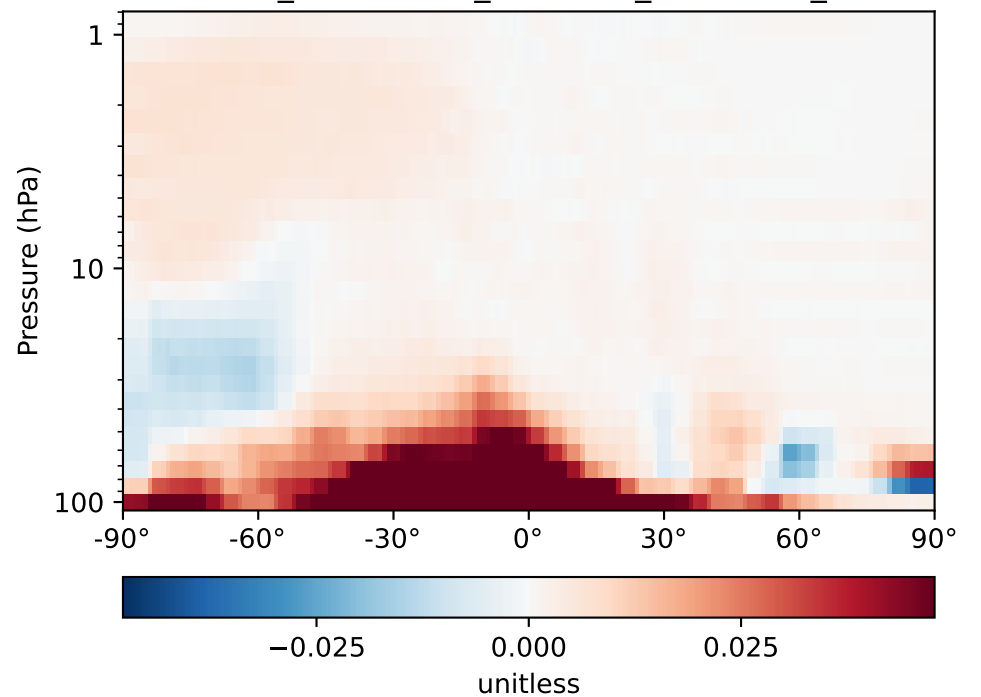
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

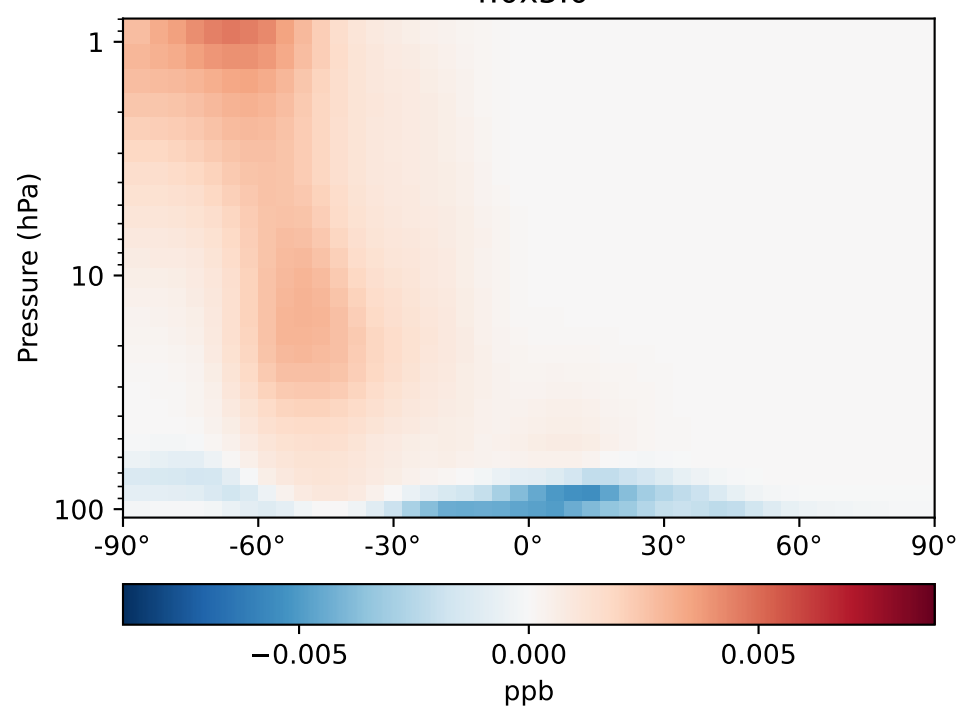


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

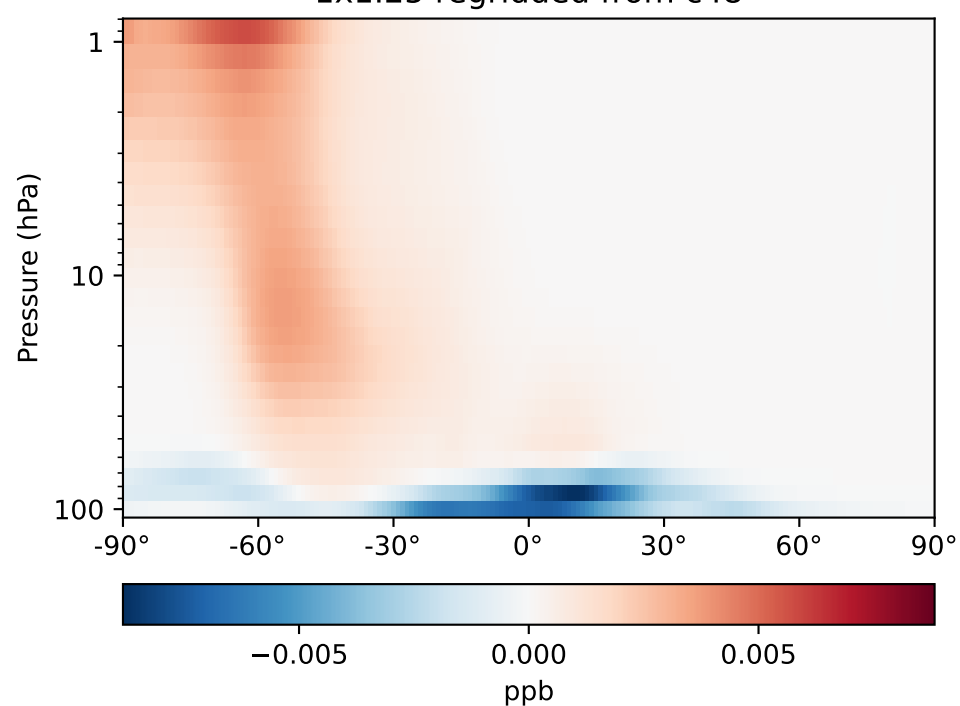


SpeciesConc_SALCAL, Zonal Mean

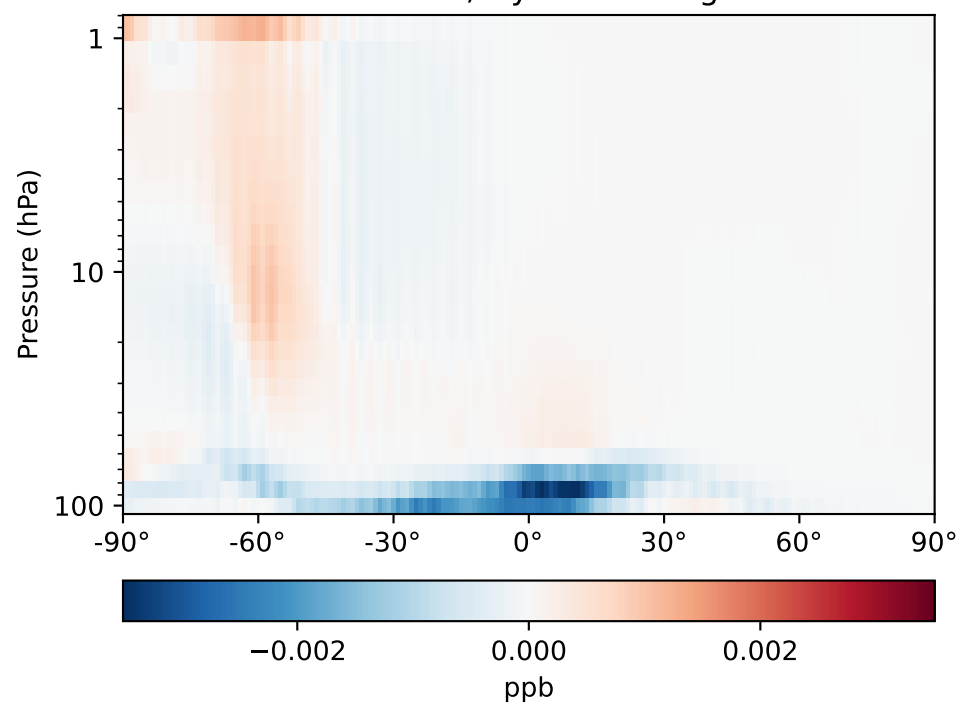
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



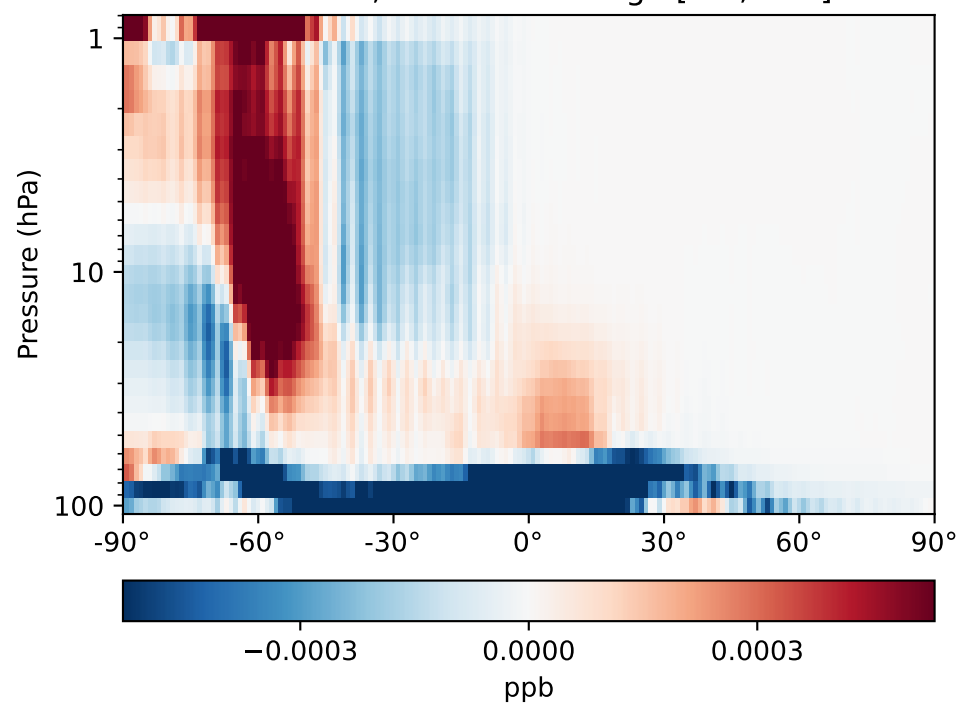
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



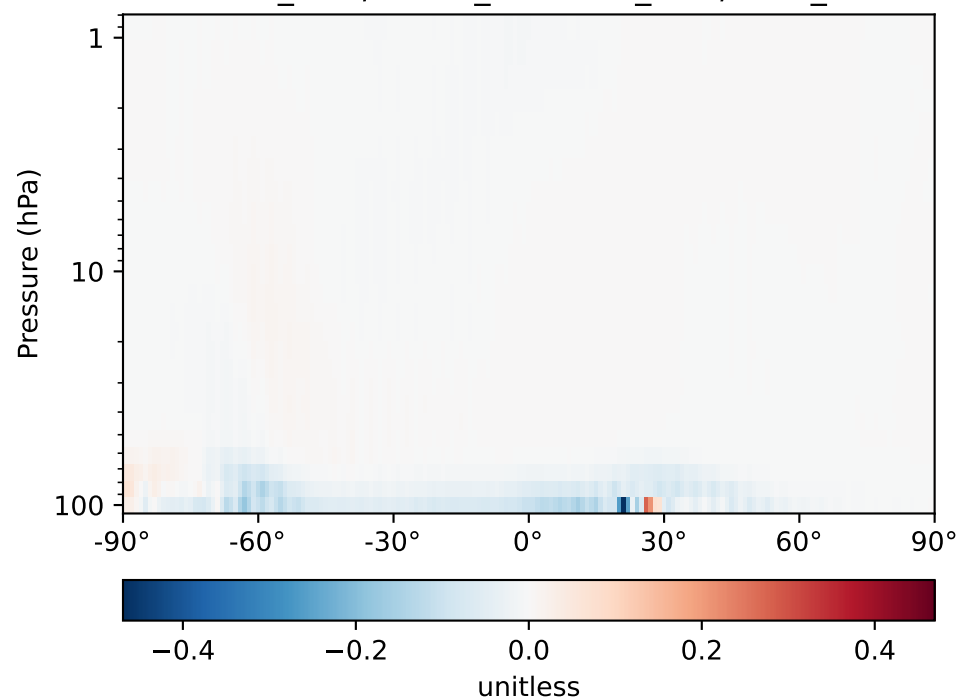
Difference (1x1.25)
Dev - Ref, Dynamic Range



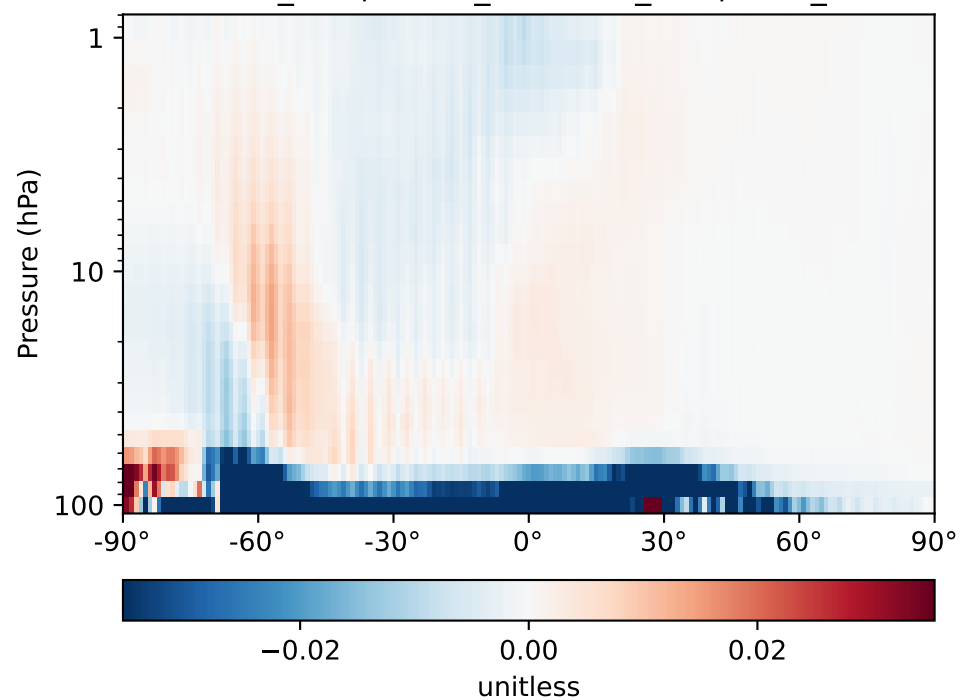
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



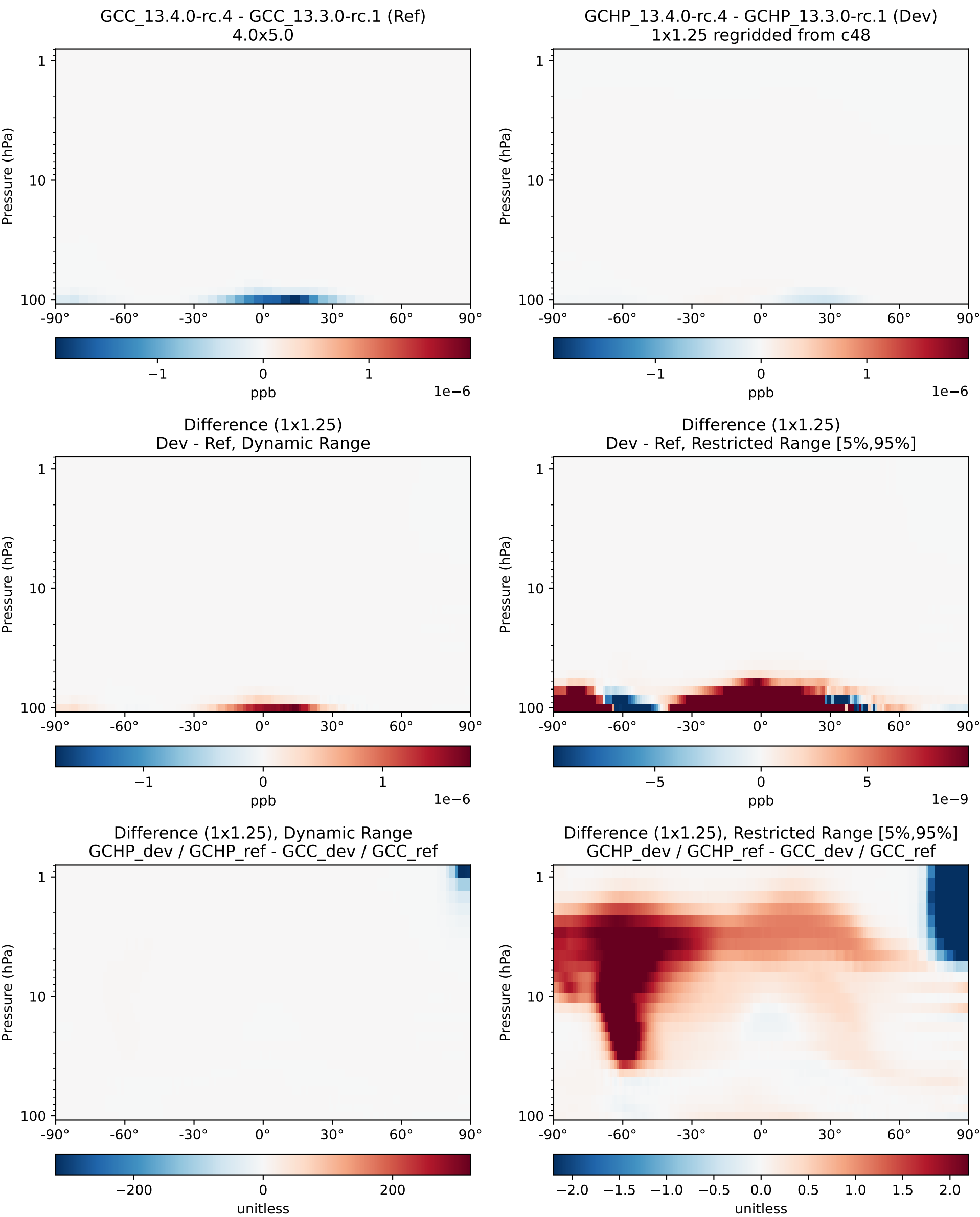
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

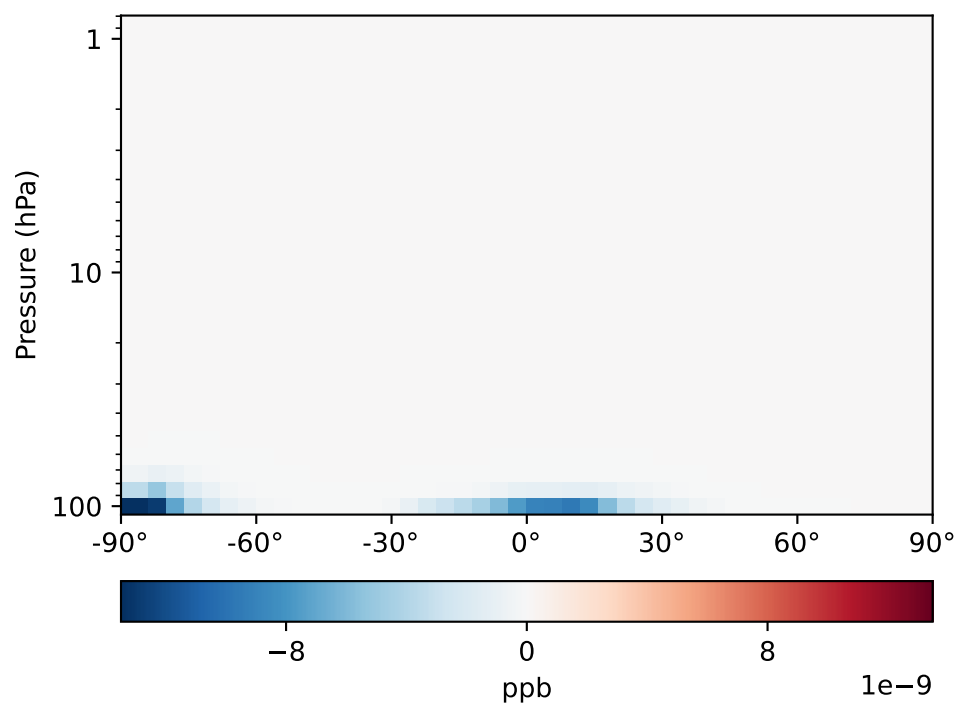


SpeciesConc_SALCCL, Zonal Mean

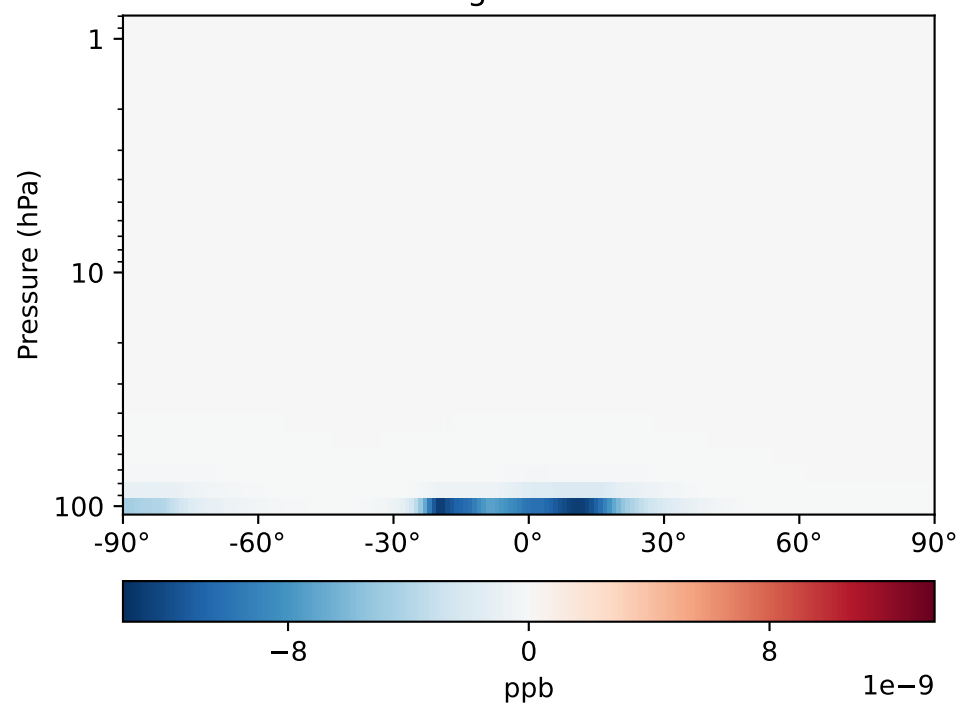


SpeciesConc_SO4s, Zonal Mean

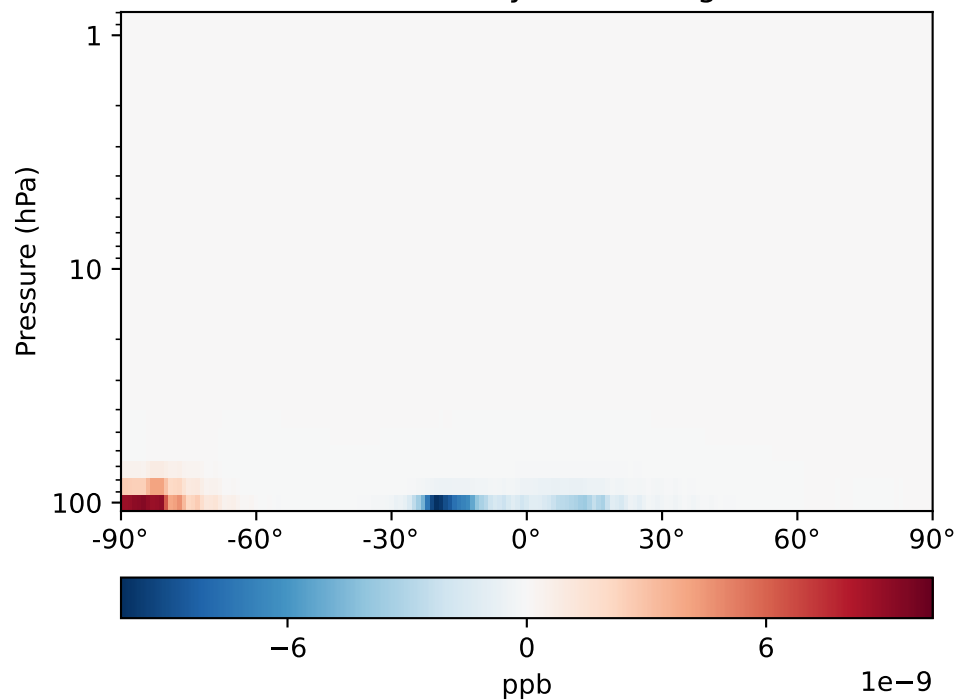
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



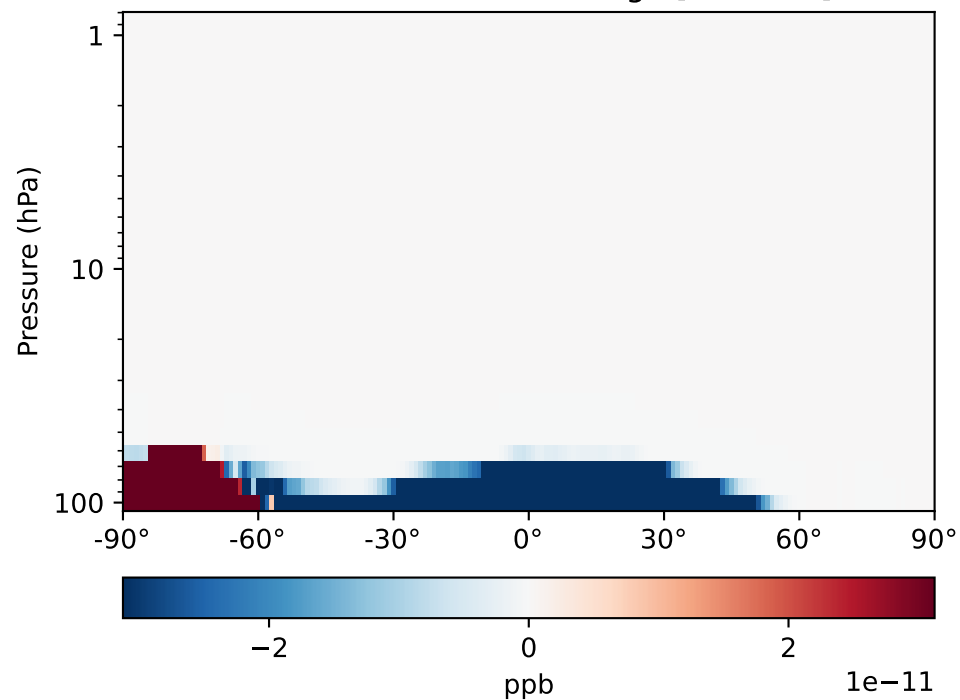
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



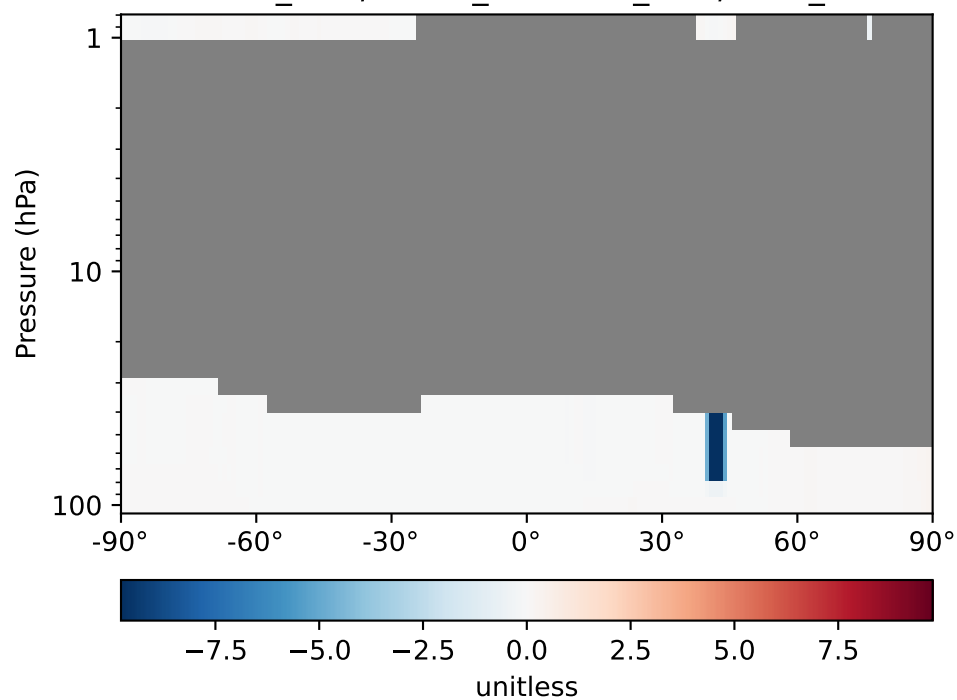
Difference (1x1.25)
Dev - Ref, Dynamic Range



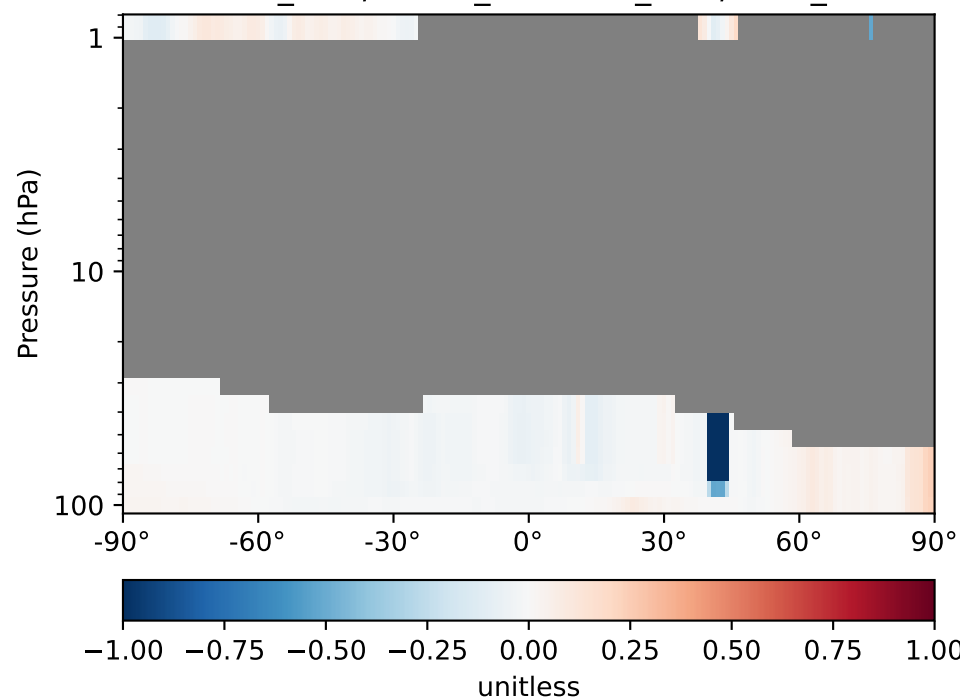
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

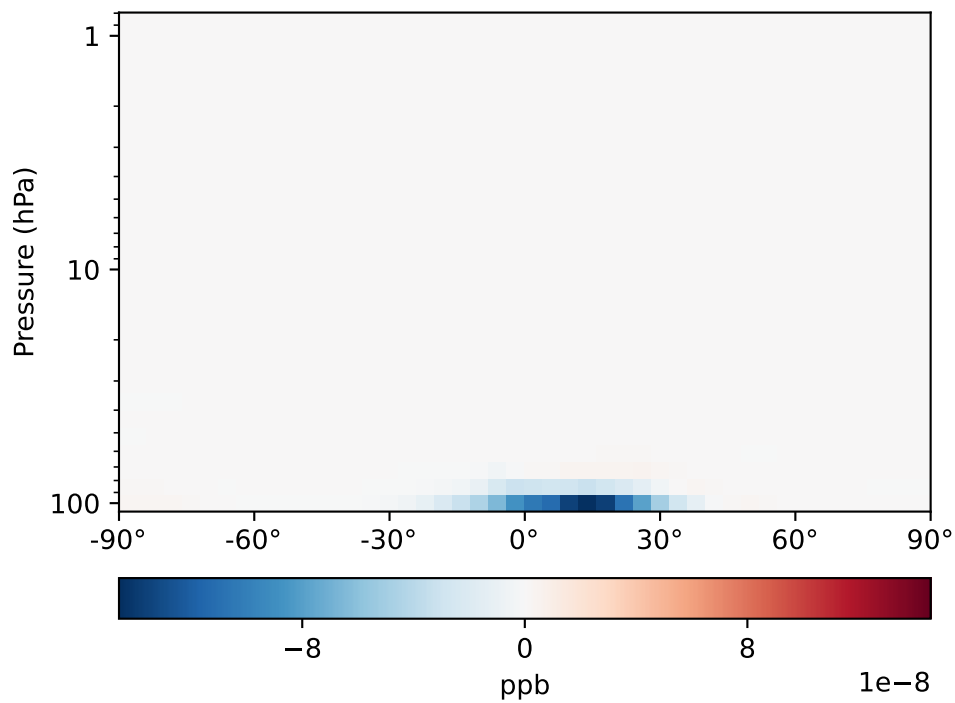


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

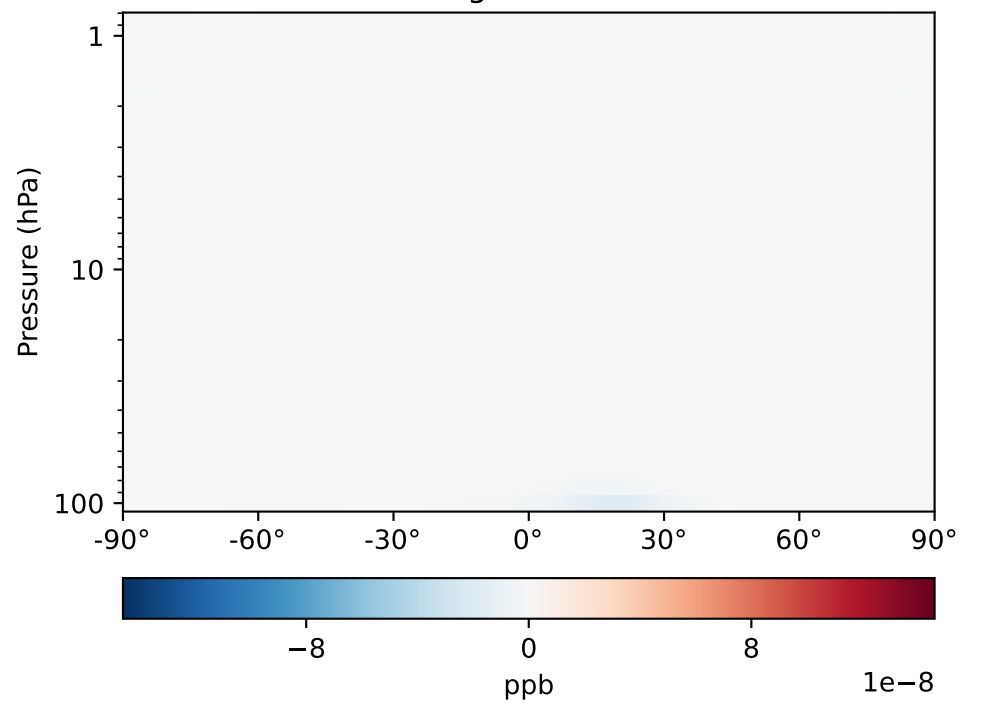


SpeciesConc_pFe, Zonal Mean

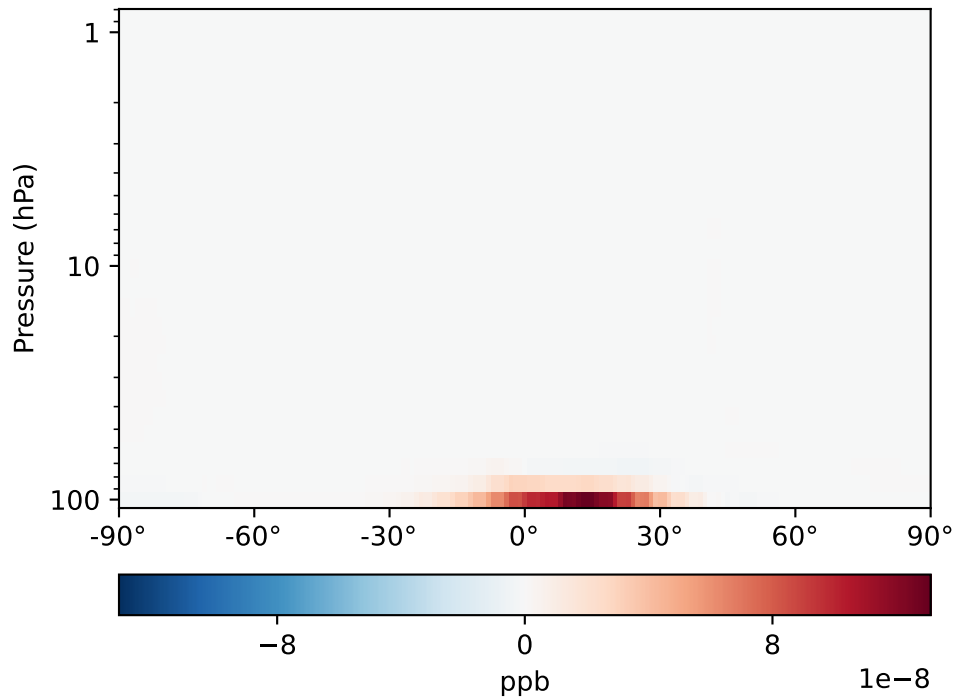
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



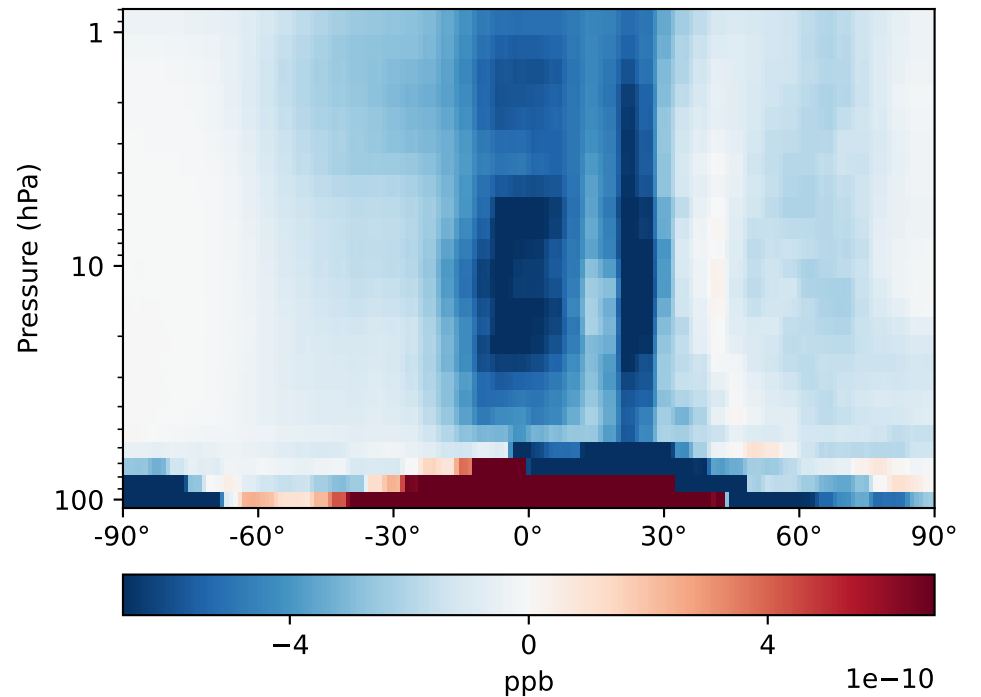
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



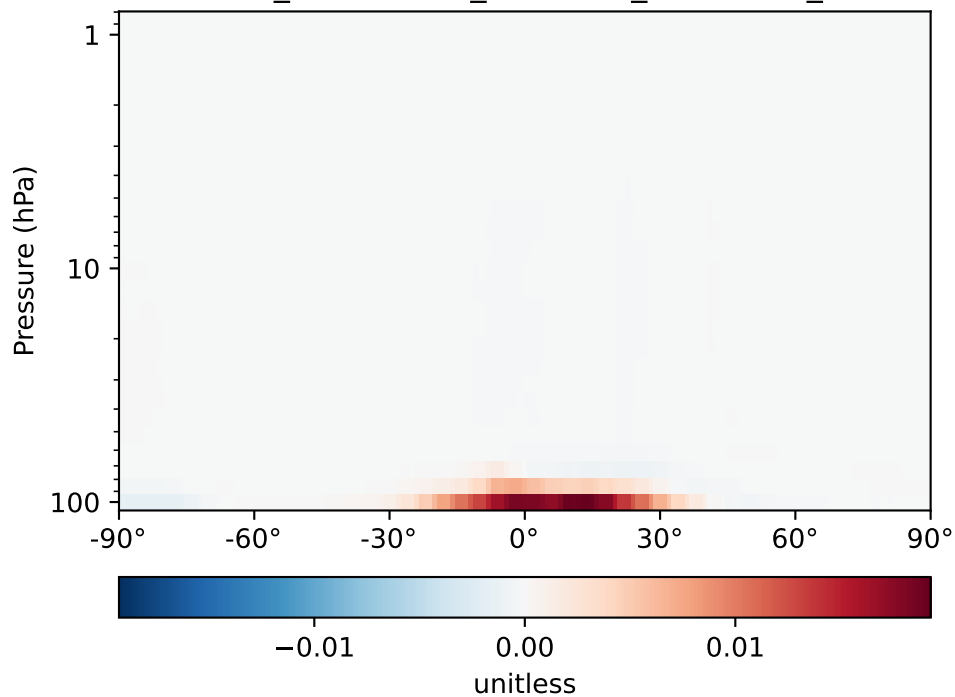
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

