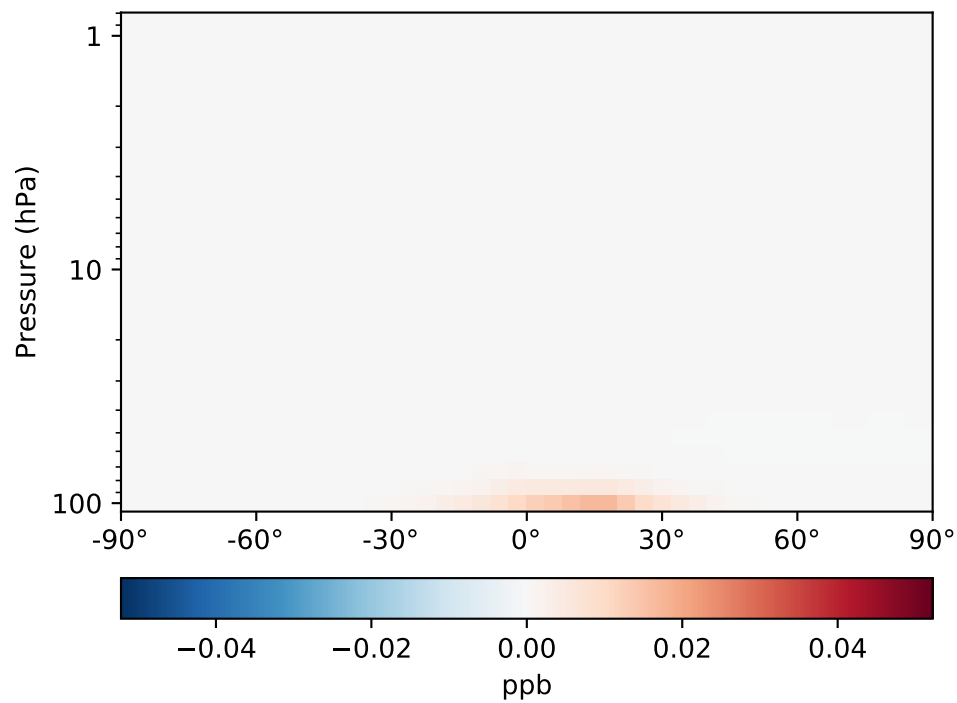
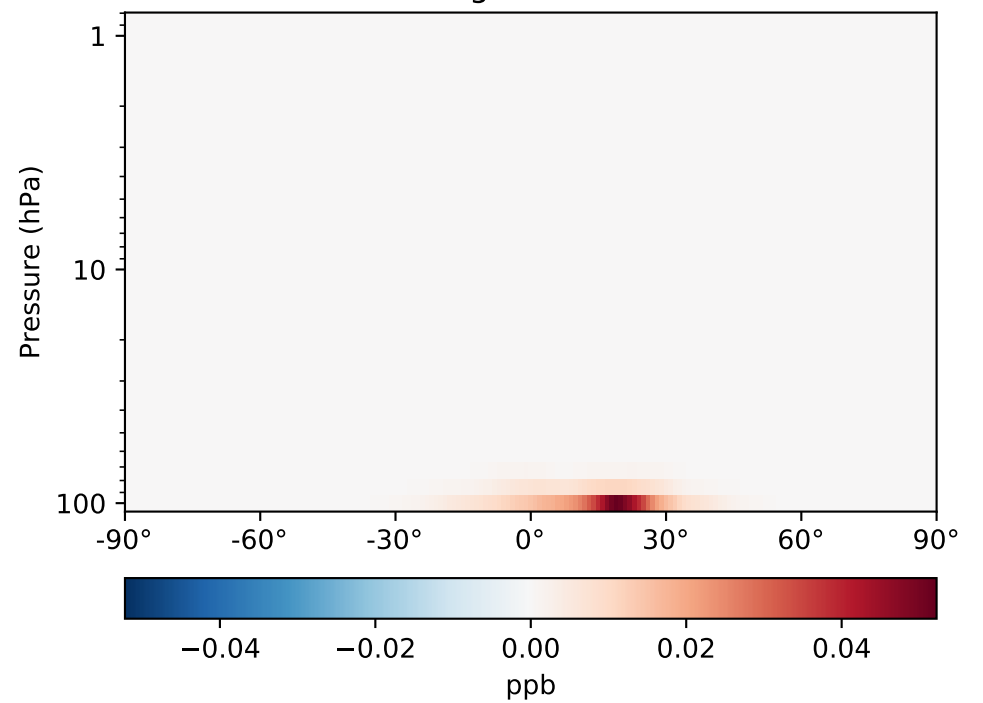


SpeciesConc_DST1, Zonal Mean

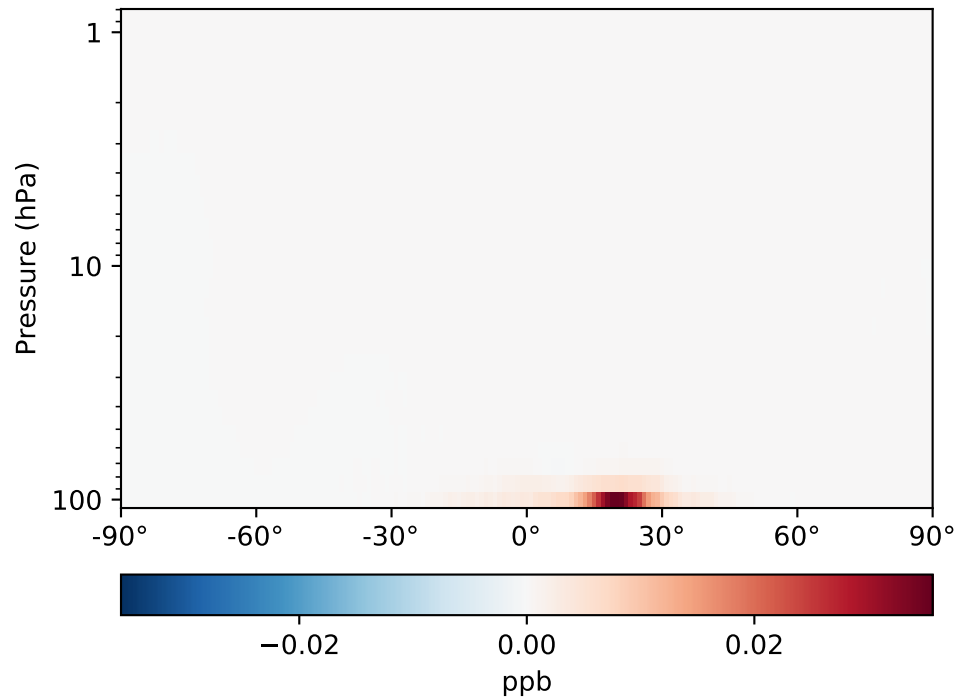
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



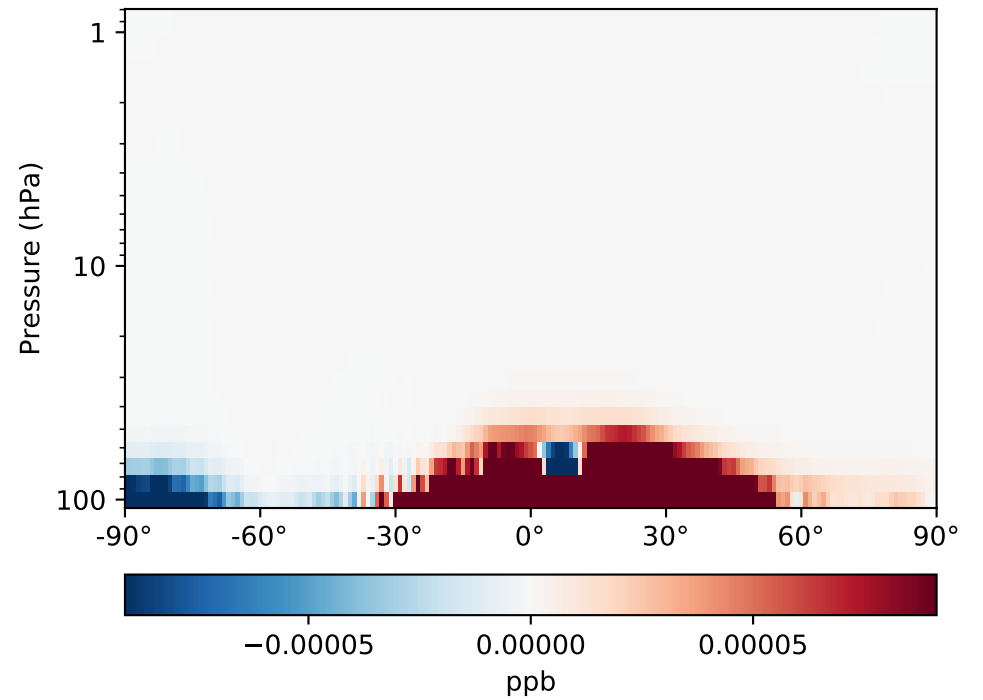
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



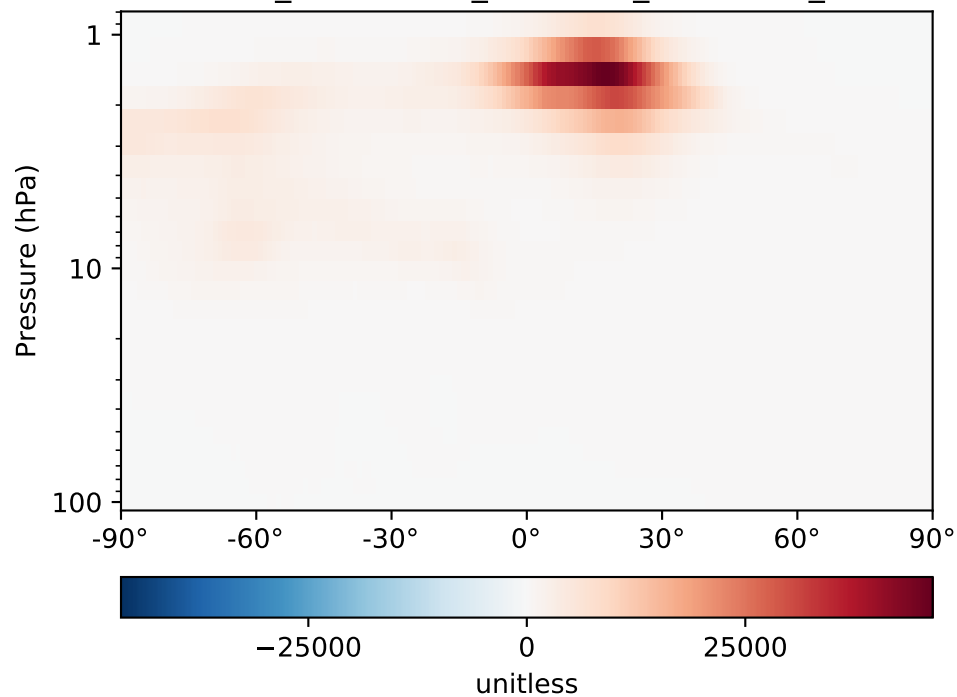
Difference (1x1.25)
Dev - Ref, Dynamic Range



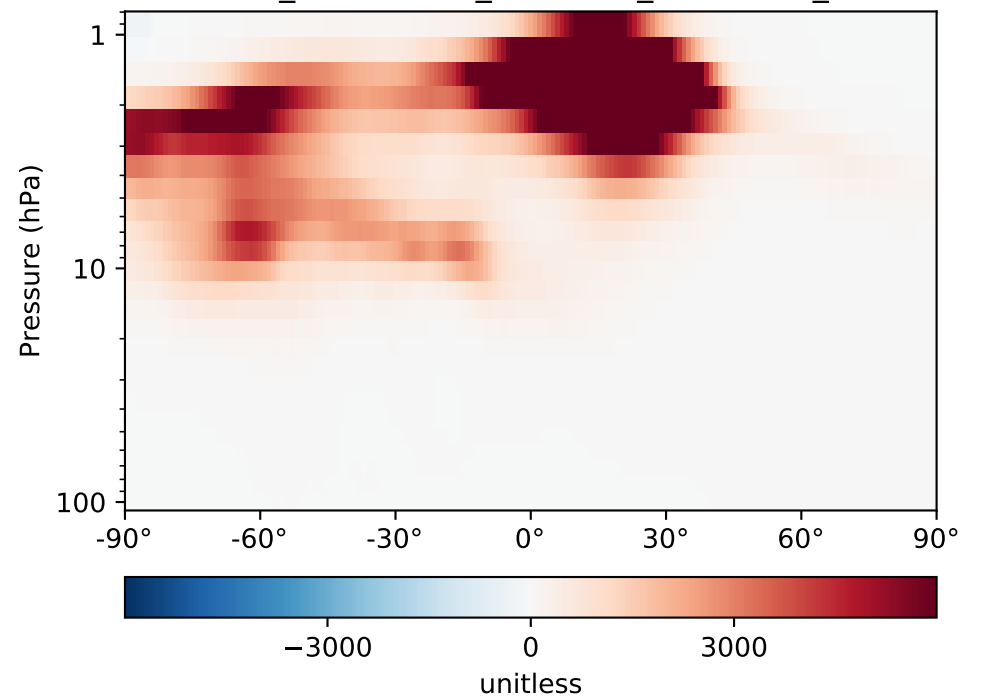
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

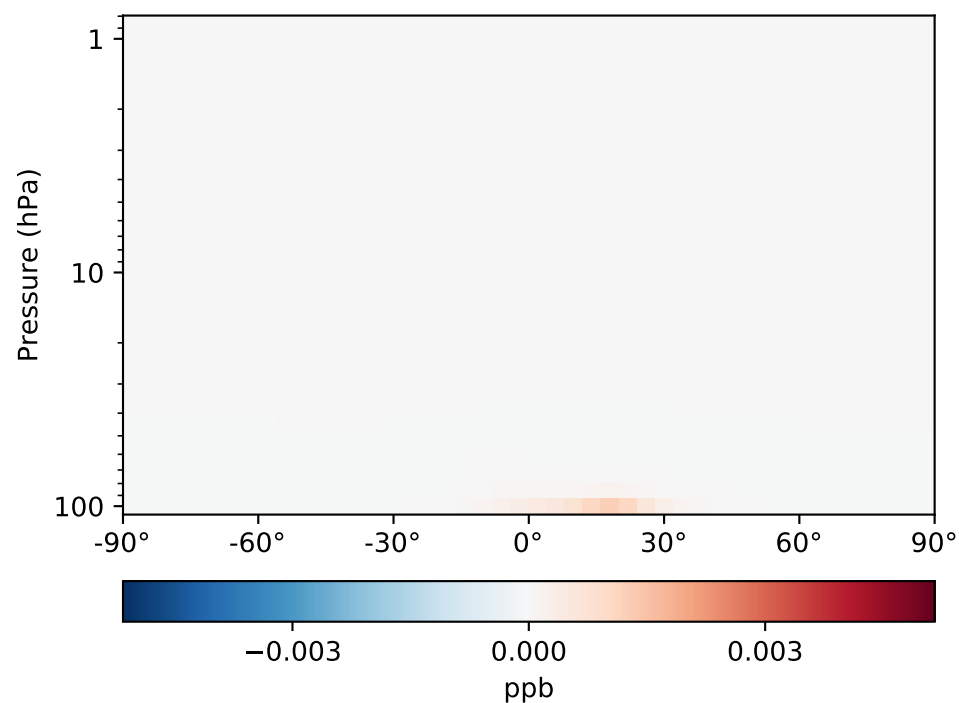


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

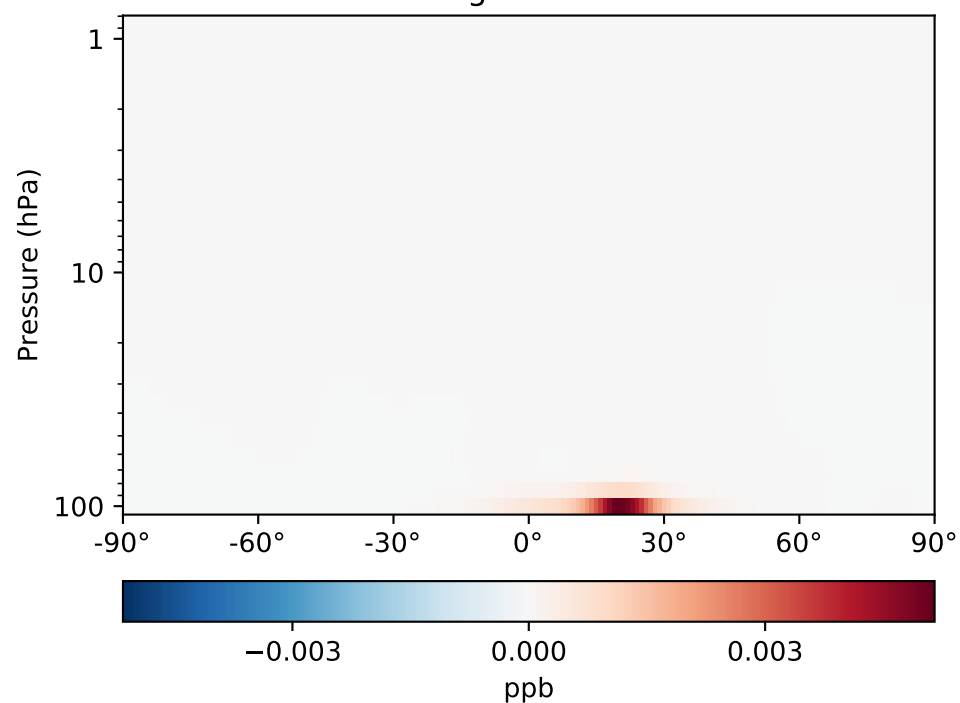


SpeciesConc_DST2, Zonal Mean

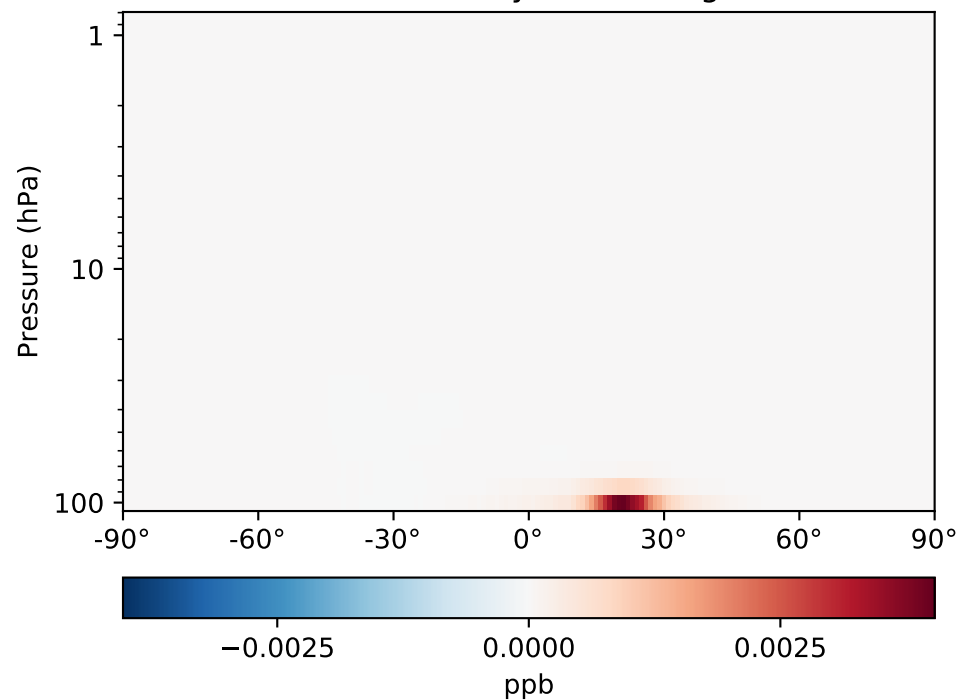
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



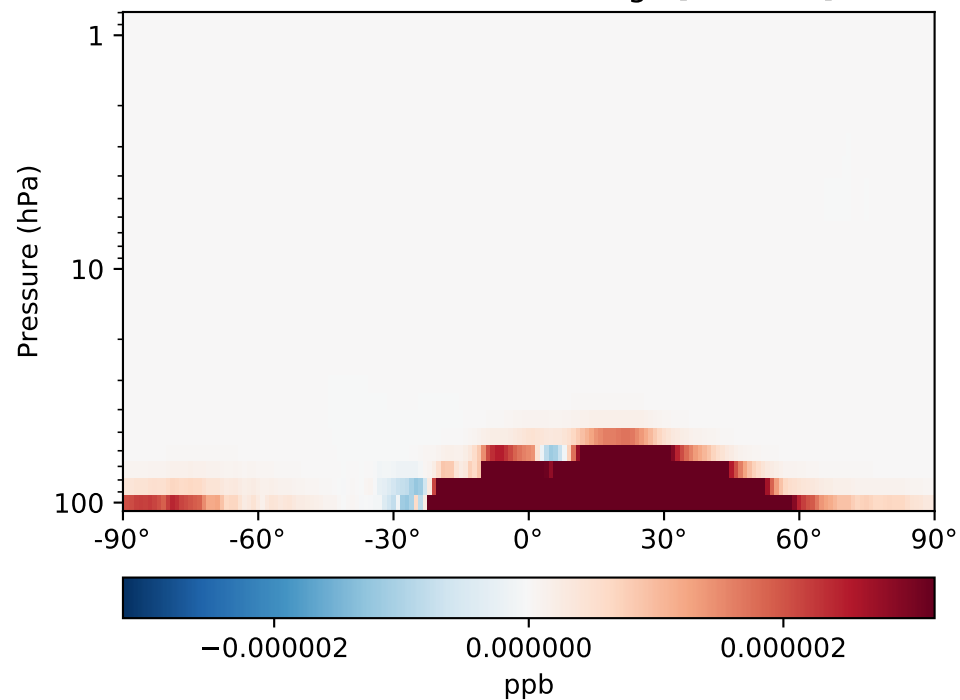
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



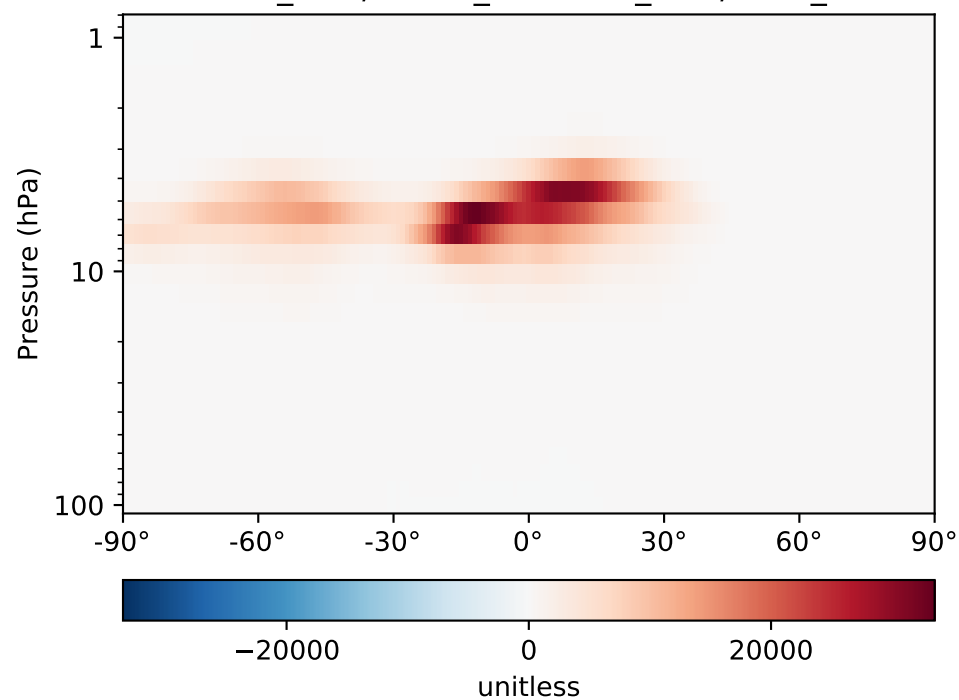
Difference (1x1.25)
Dev - Ref, Dynamic Range



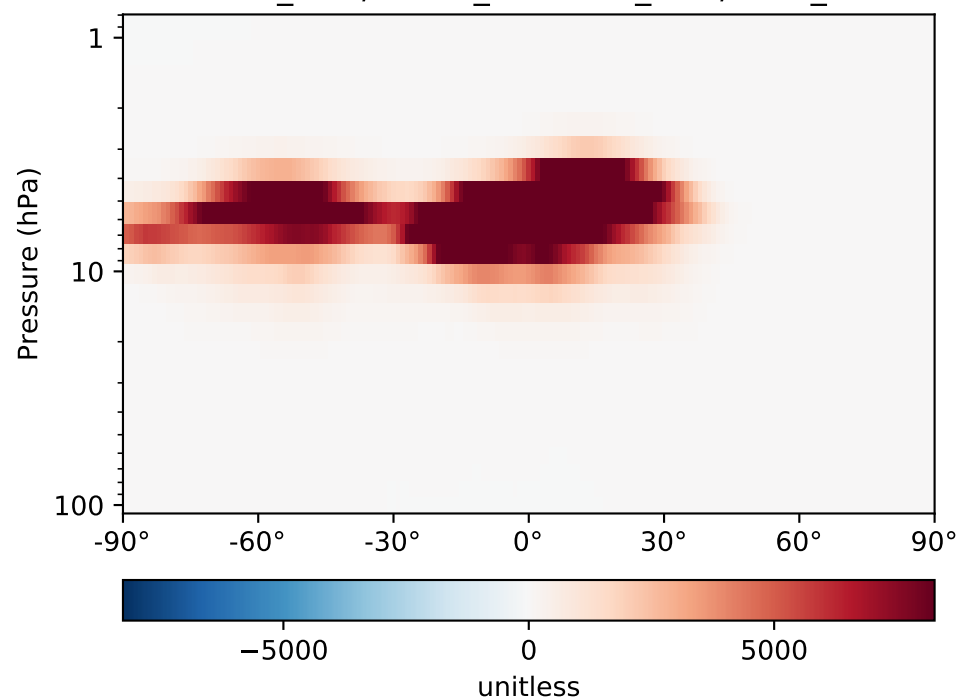
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

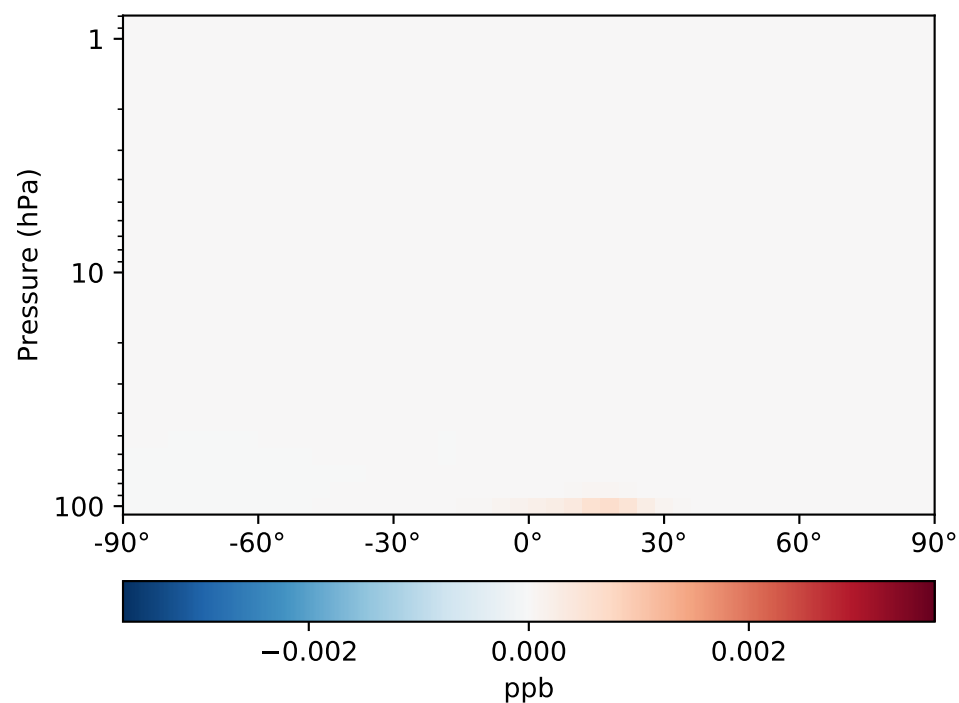


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

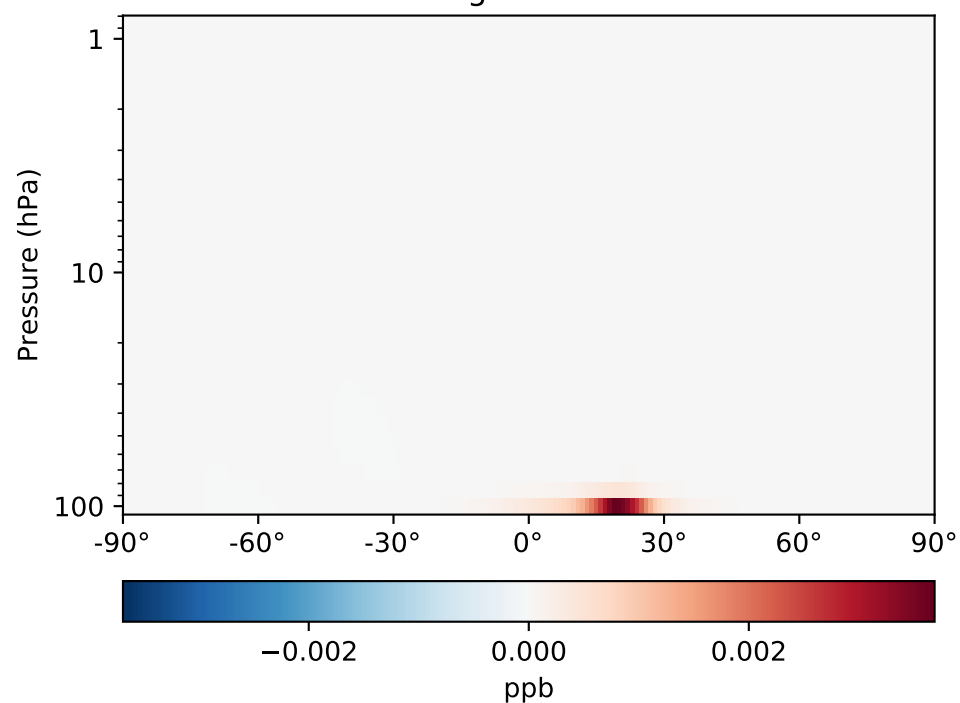


SpeciesConc_DST3, Zonal Mean

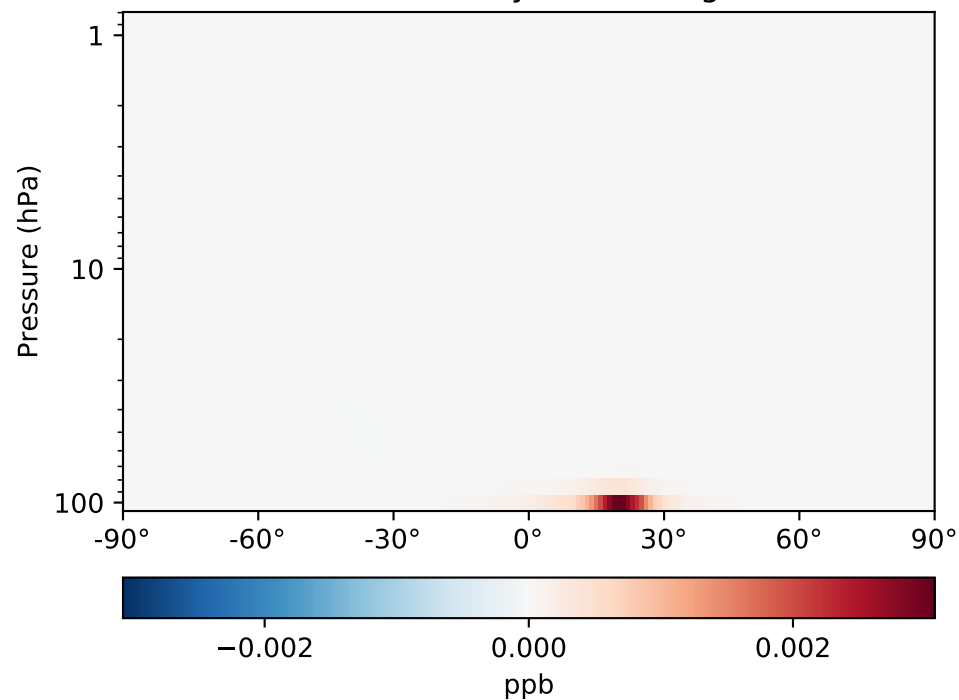
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



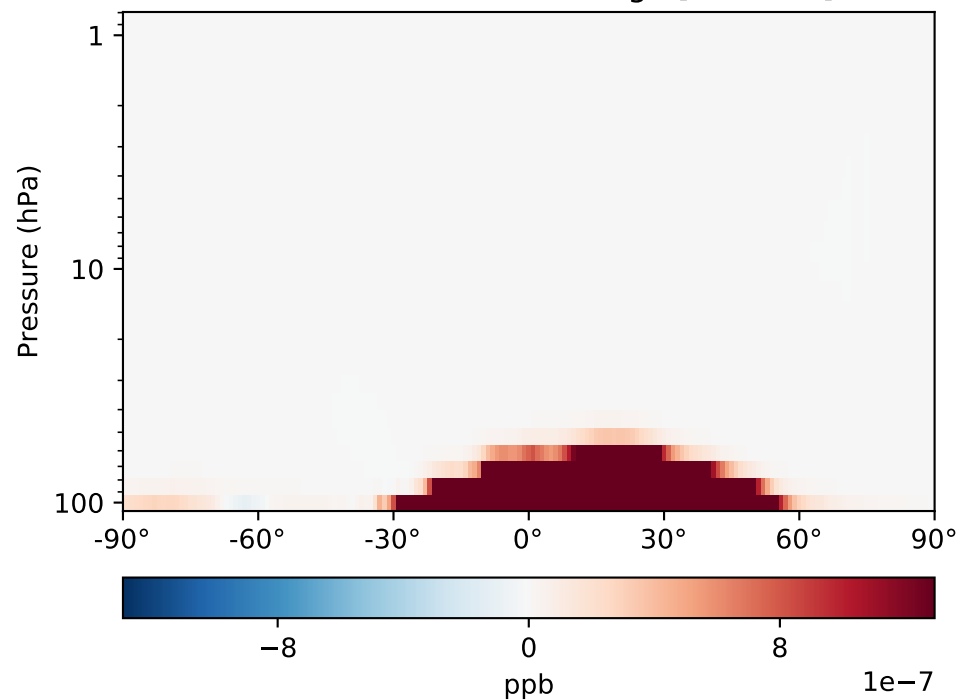
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



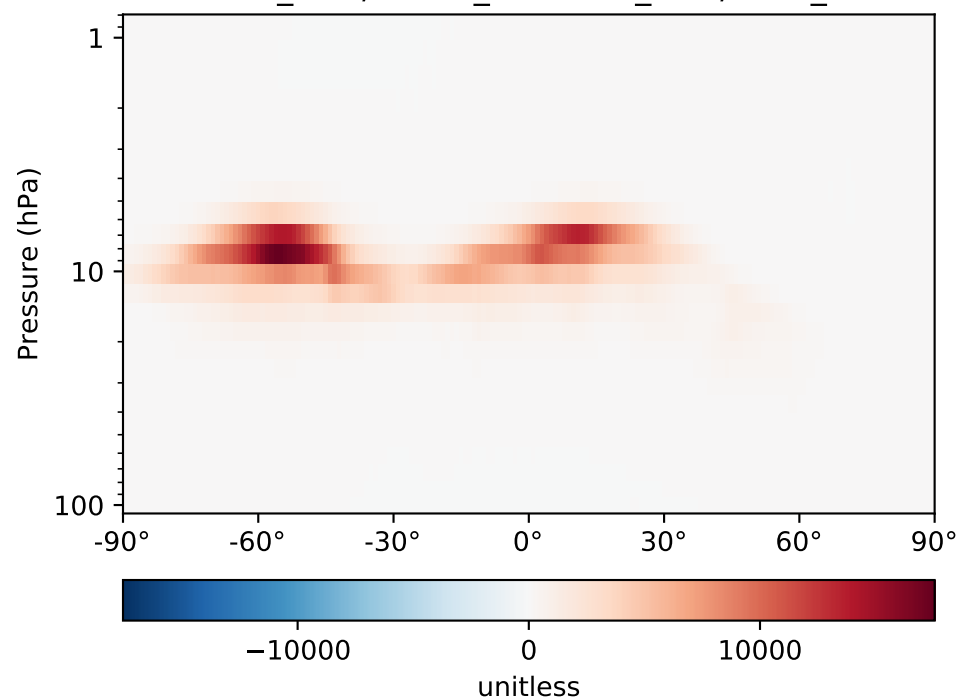
Difference (1x1.25)
Dev - Ref, Dynamic Range



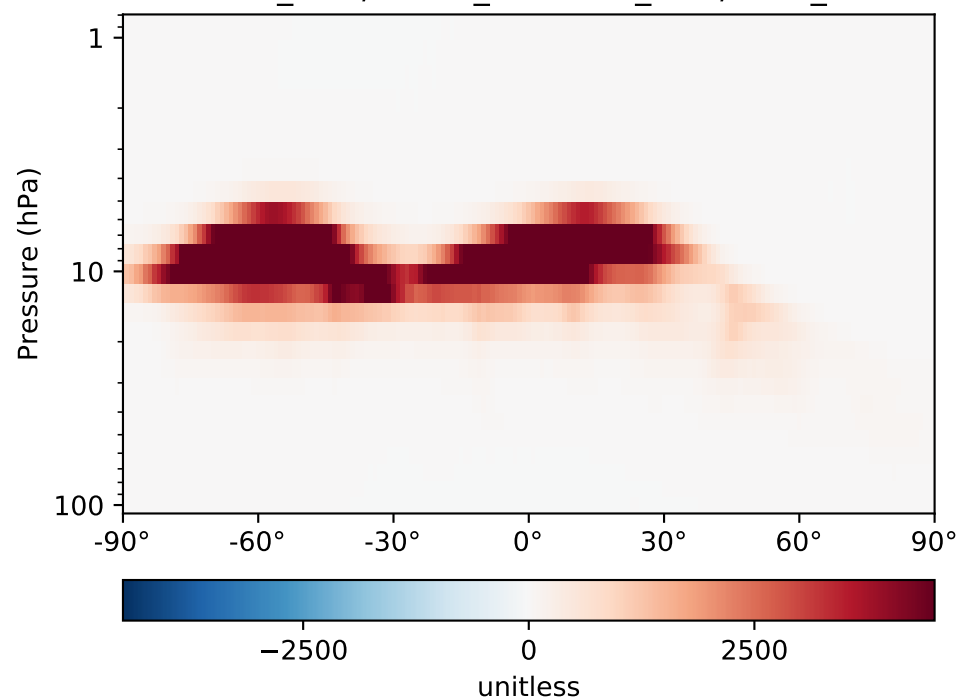
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

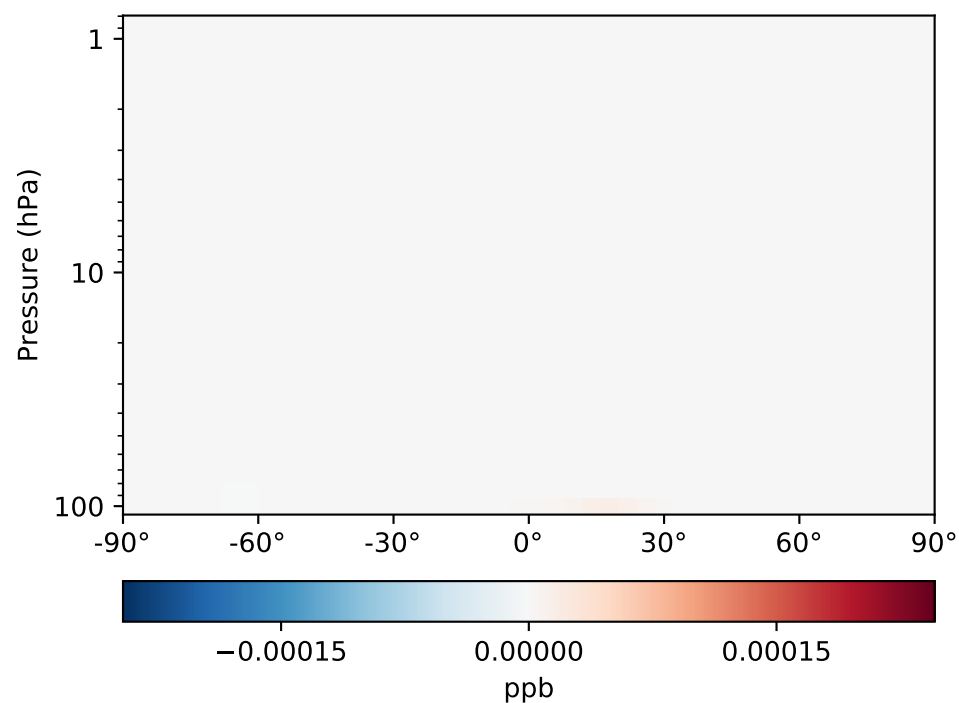


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

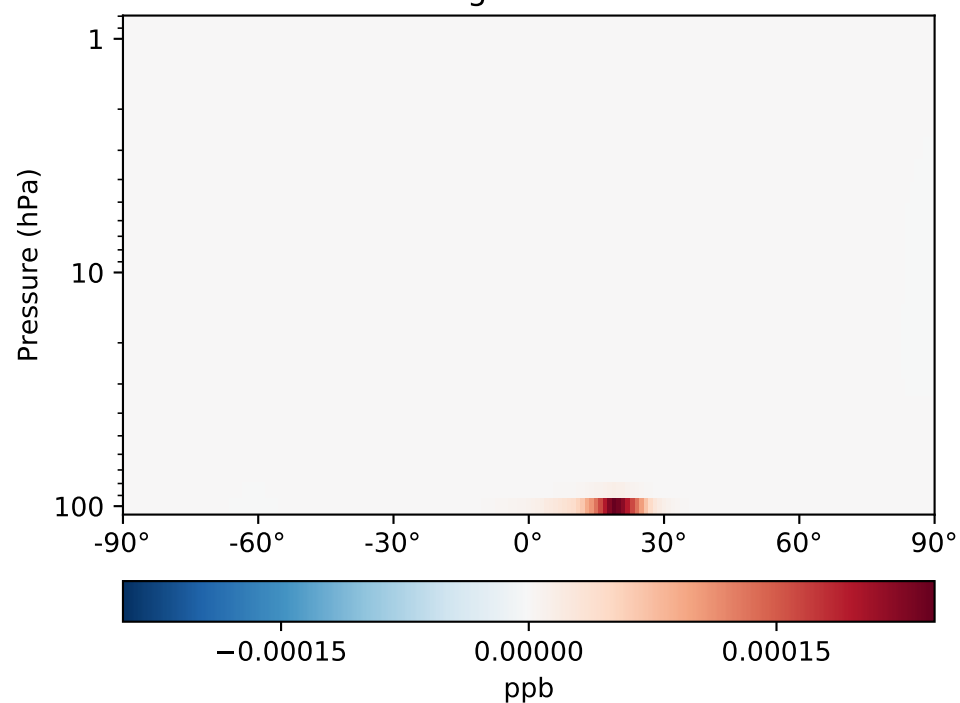


SpeciesConc_DST4, Zonal Mean

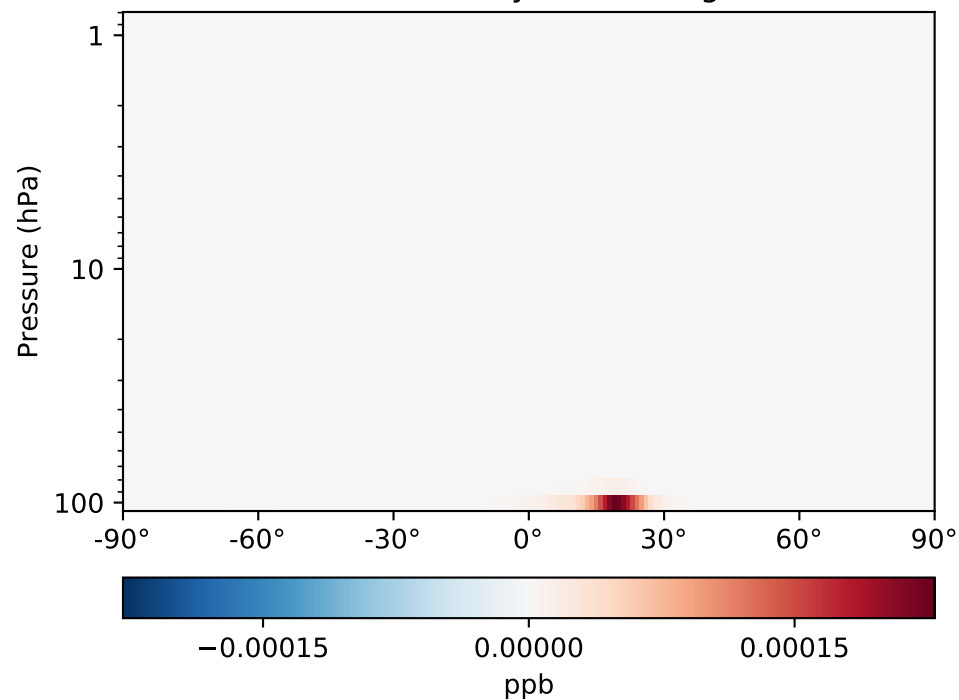
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



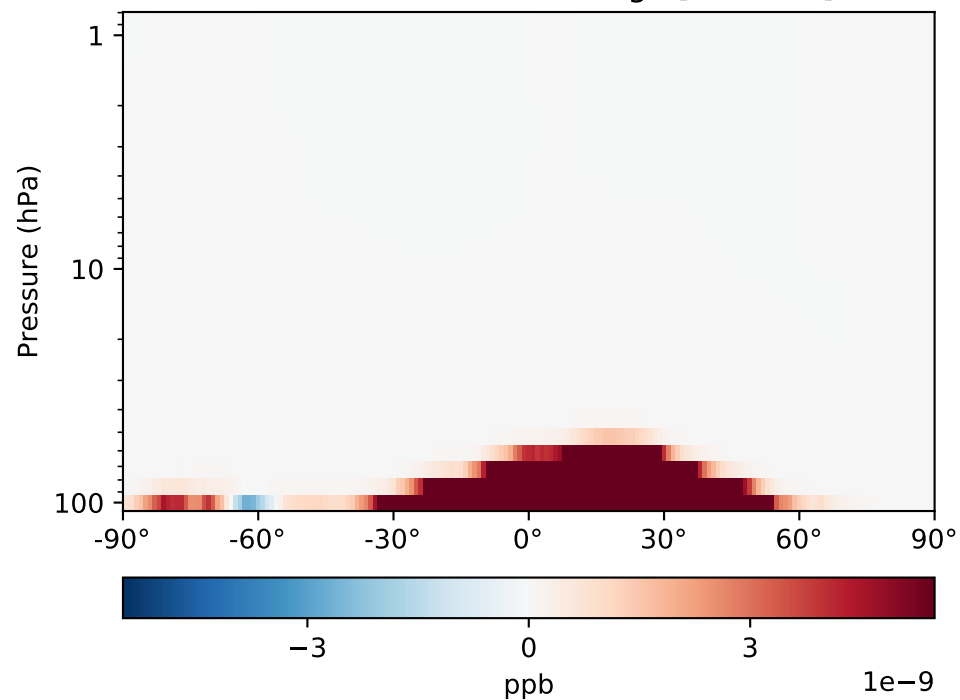
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



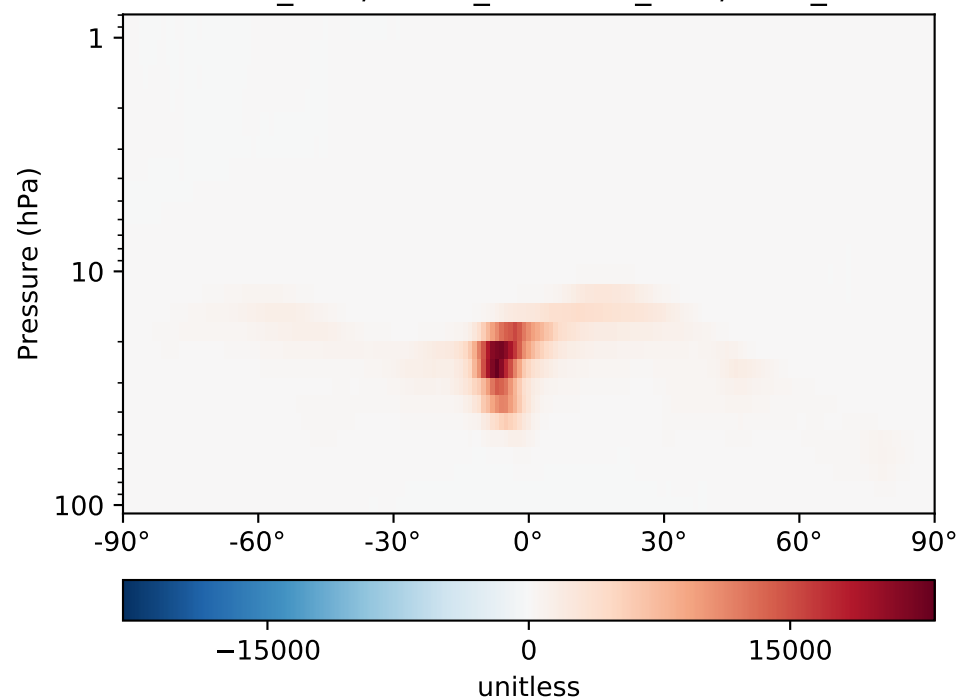
Difference (1x1.25)
Dev - Ref, Dynamic Range



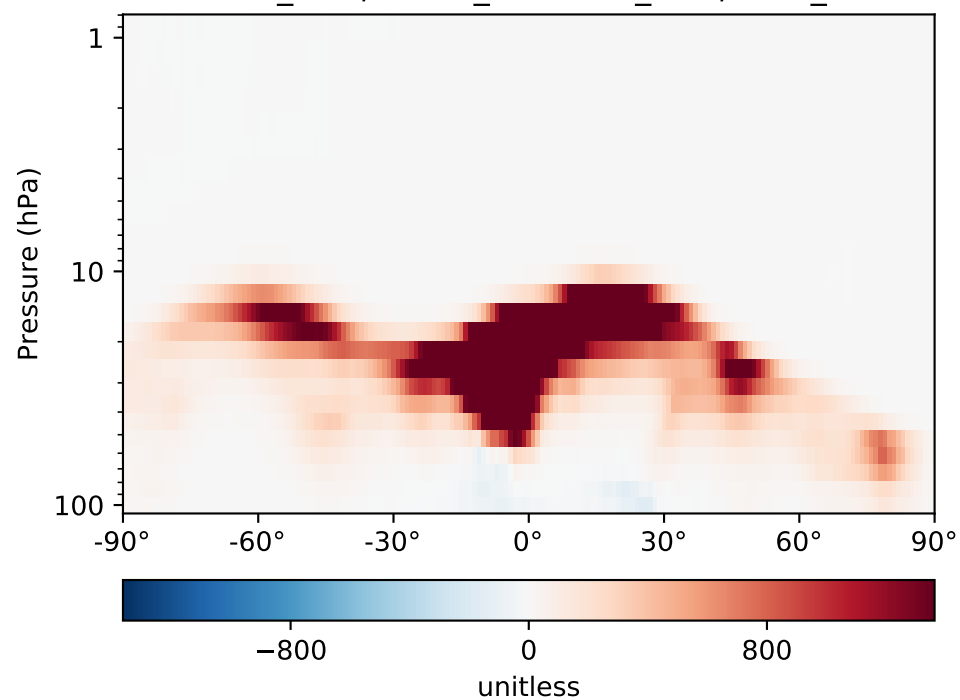
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

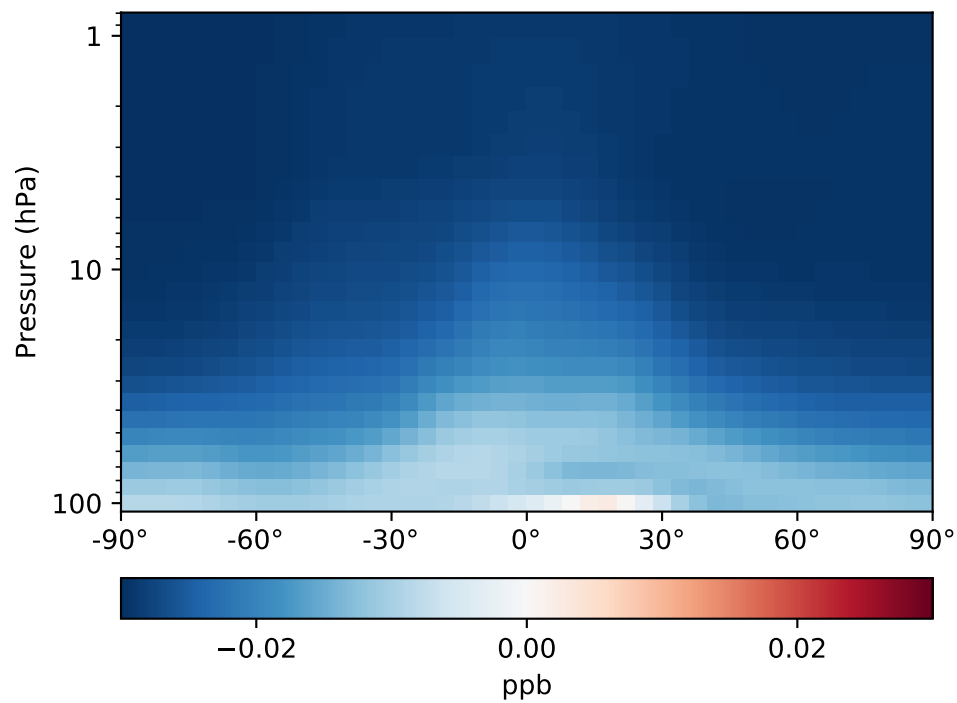


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

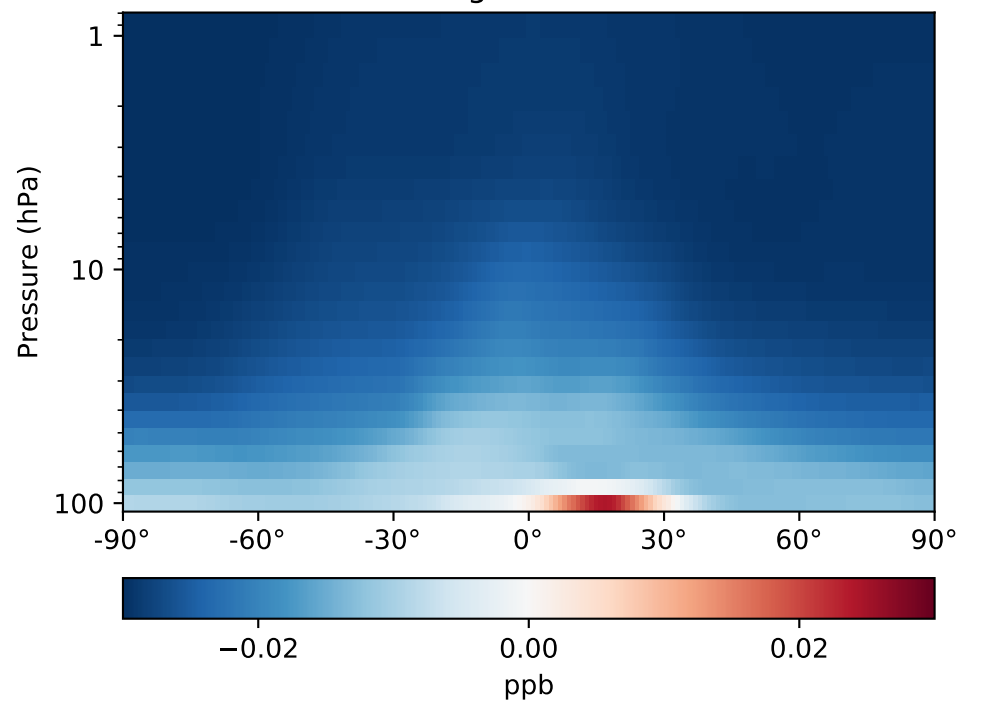


SpeciesConc_NH4, Zonal Mean

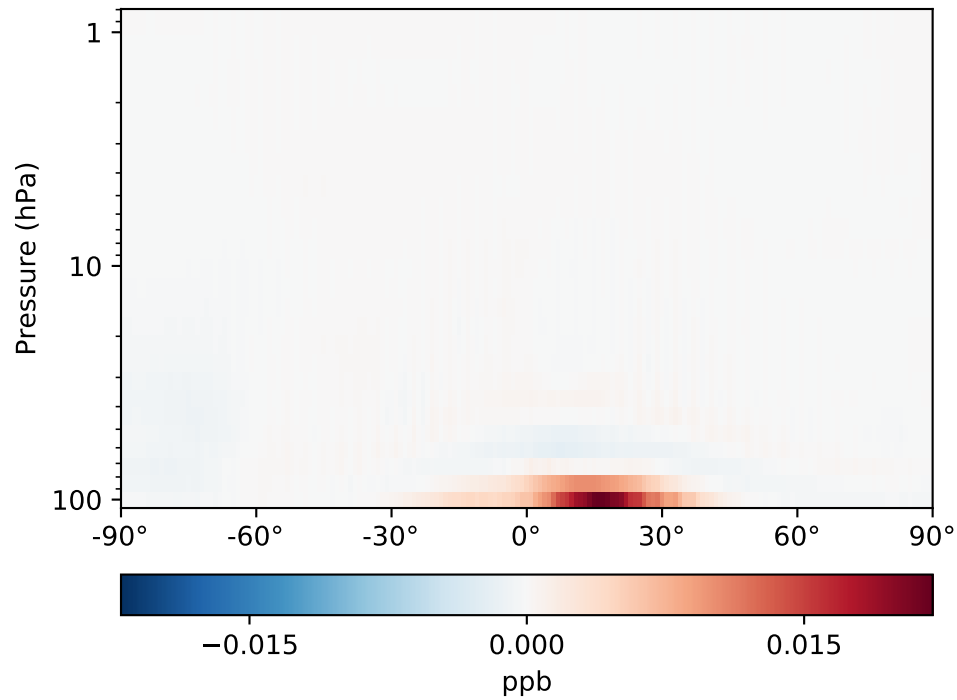
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



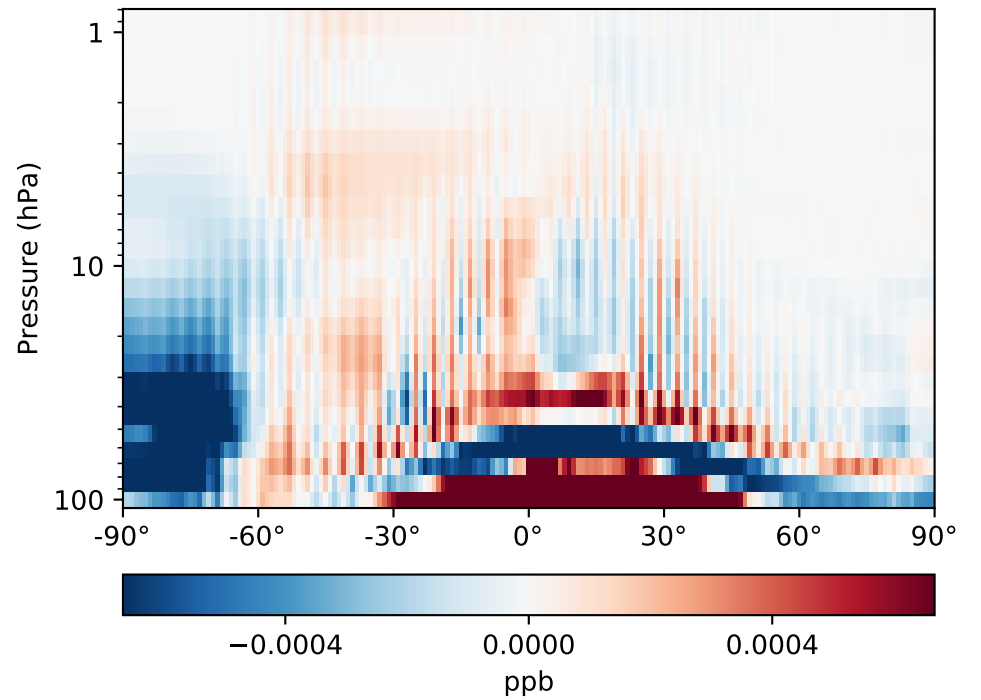
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



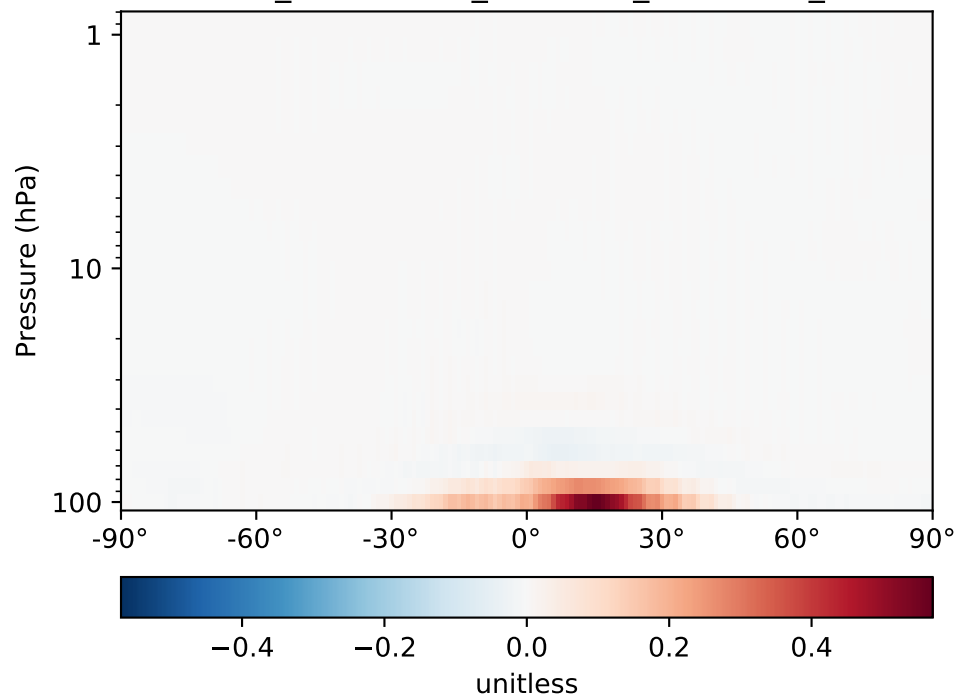
Difference (1x1.25)
Dev - Ref, Dynamic Range



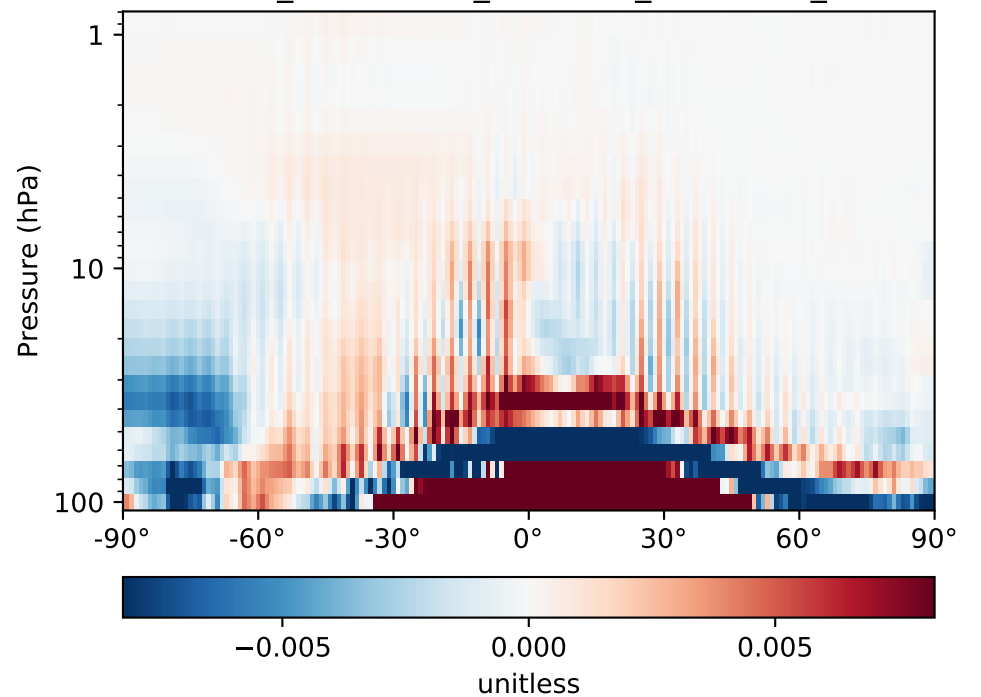
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

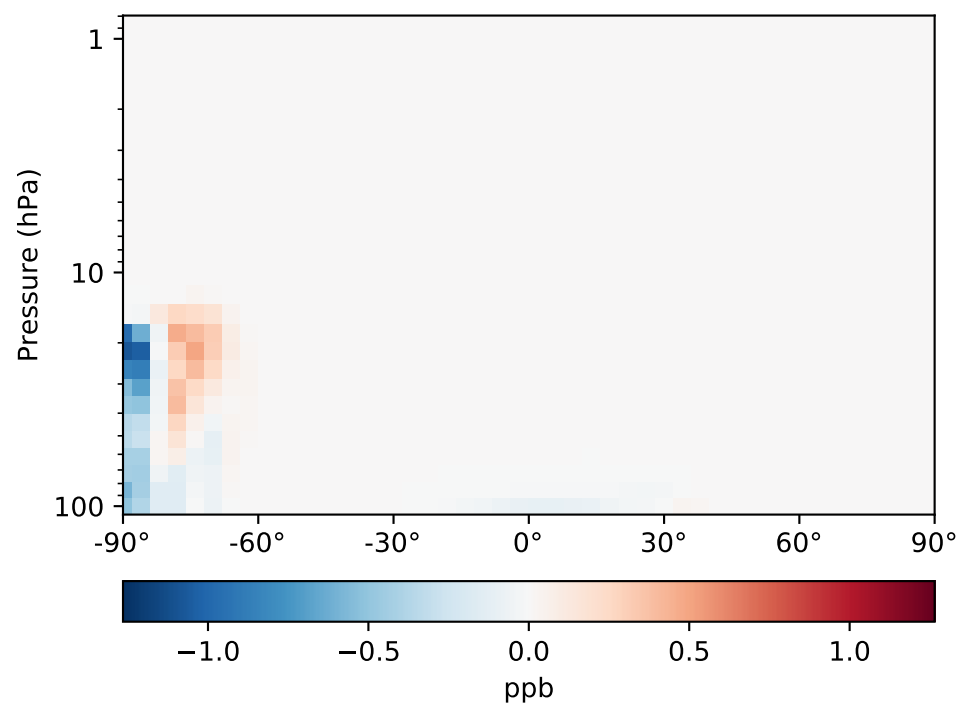


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

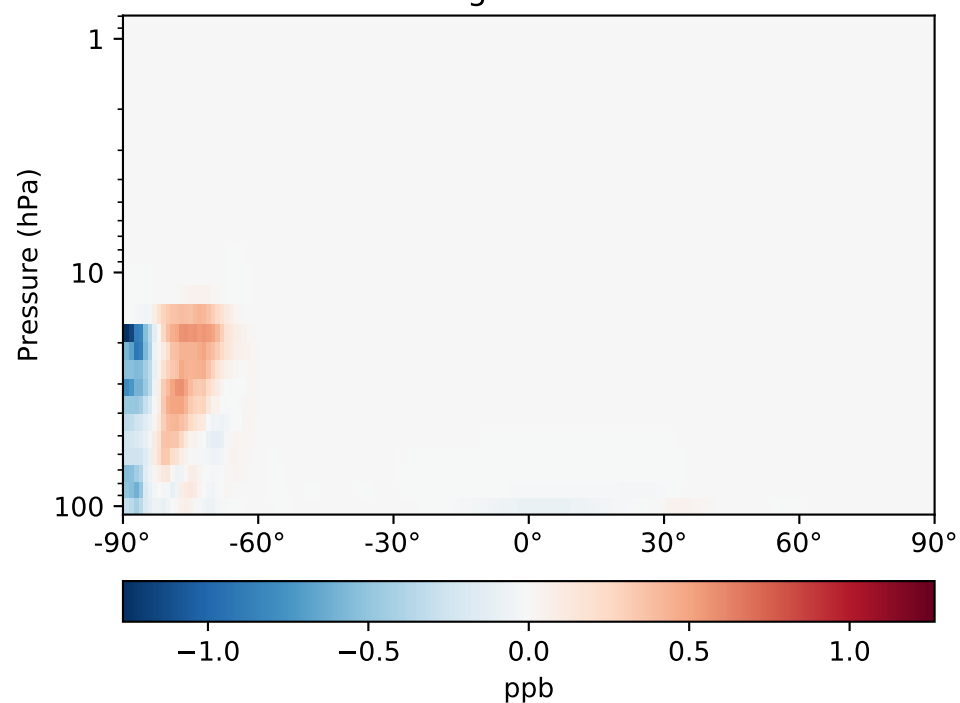


SpeciesConc_NIT, Zonal Mean

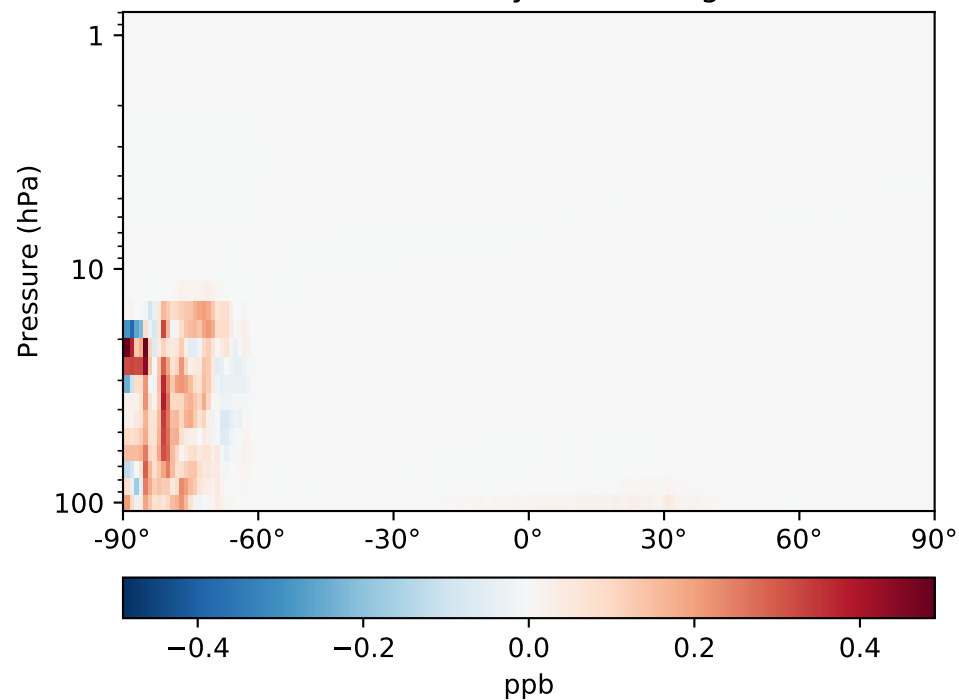
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



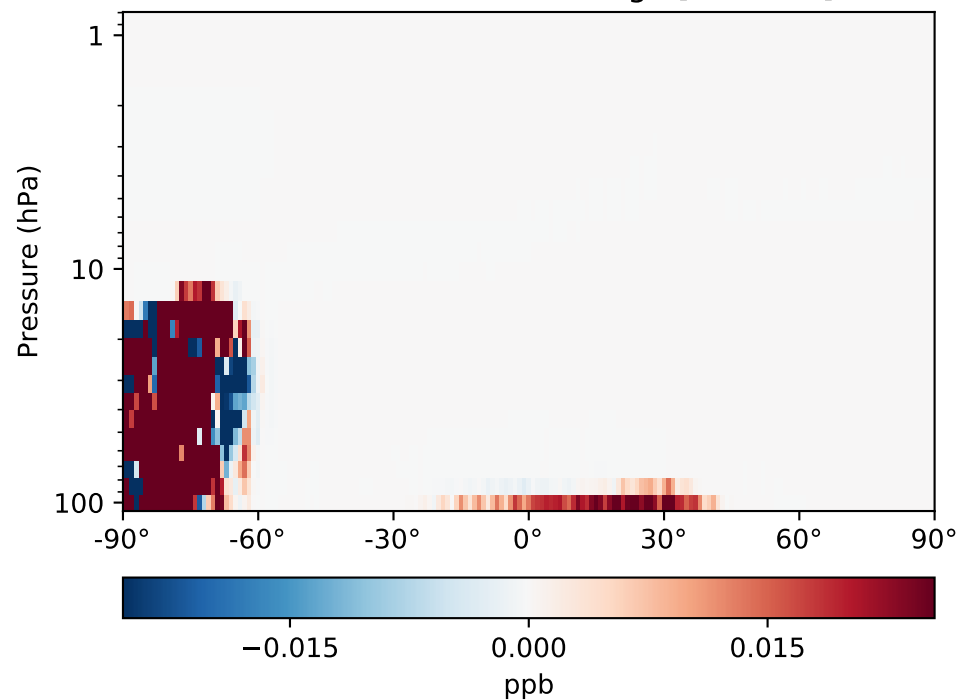
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



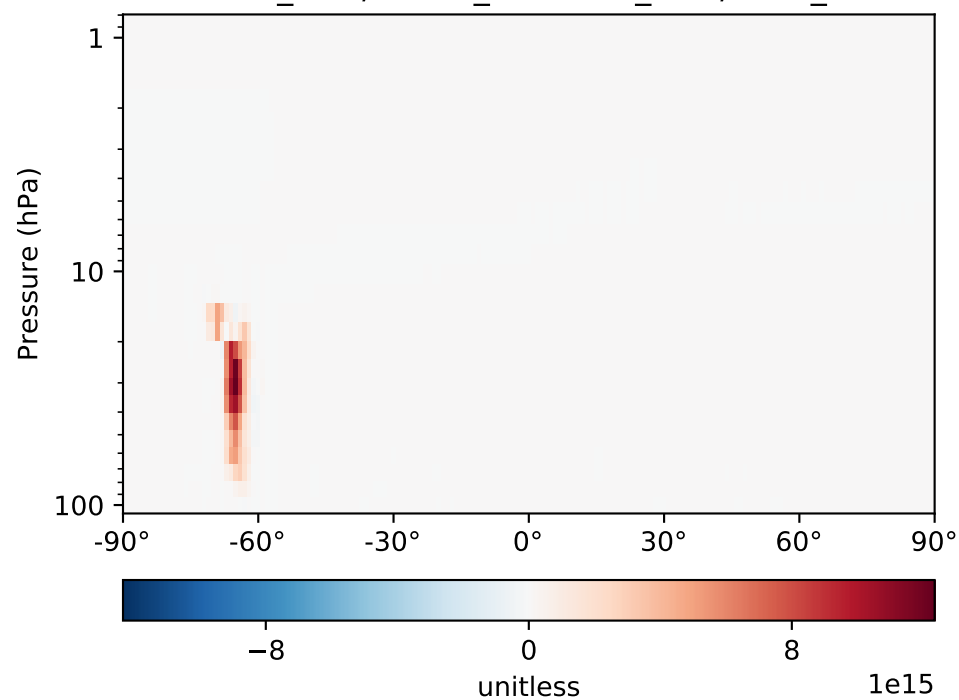
Difference (1x1.25)
Dev - Ref, Dynamic Range



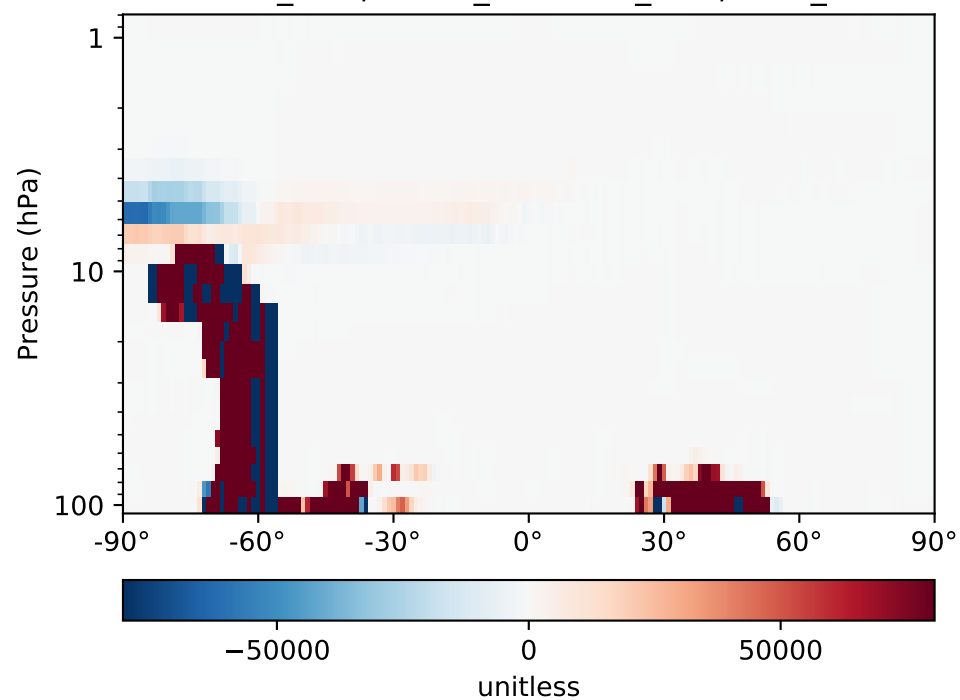
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

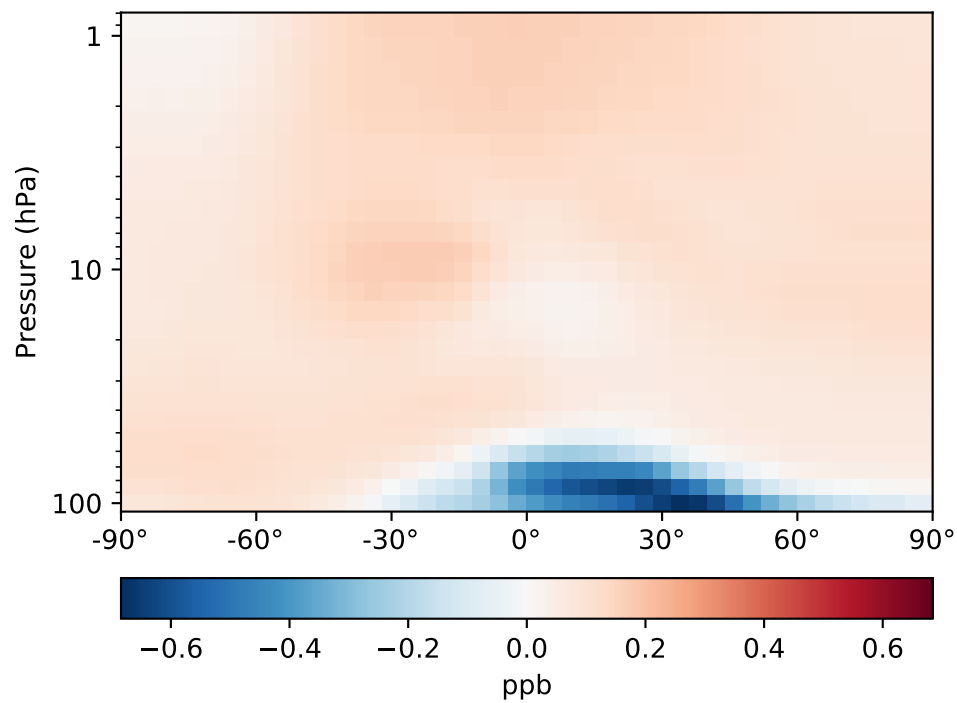


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

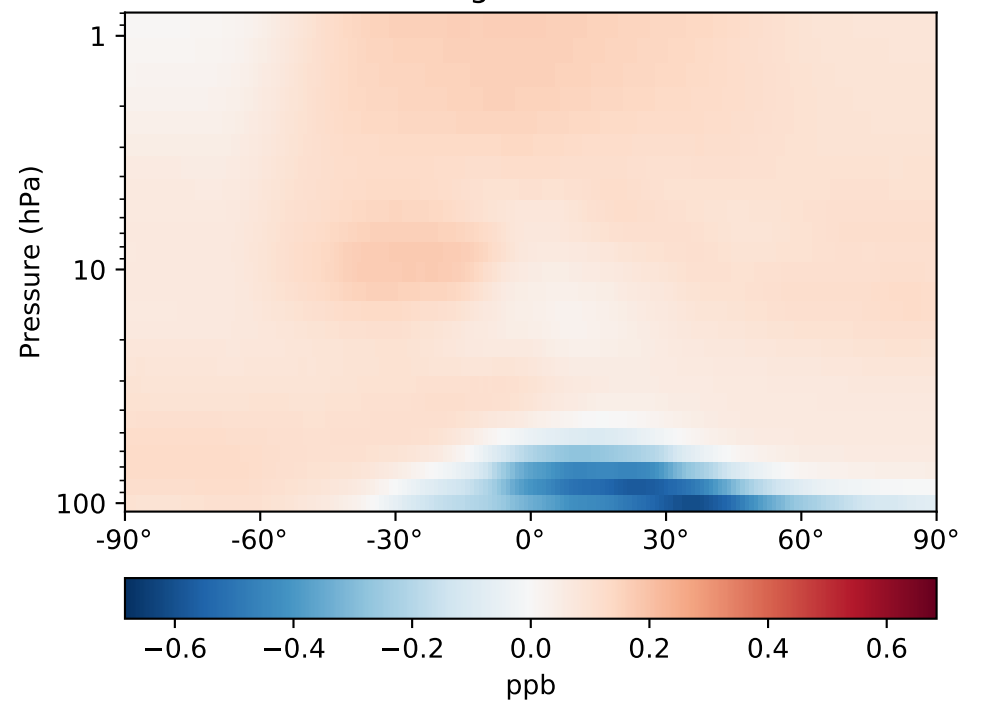


SpeciesConc_SO4, Zonal Mean

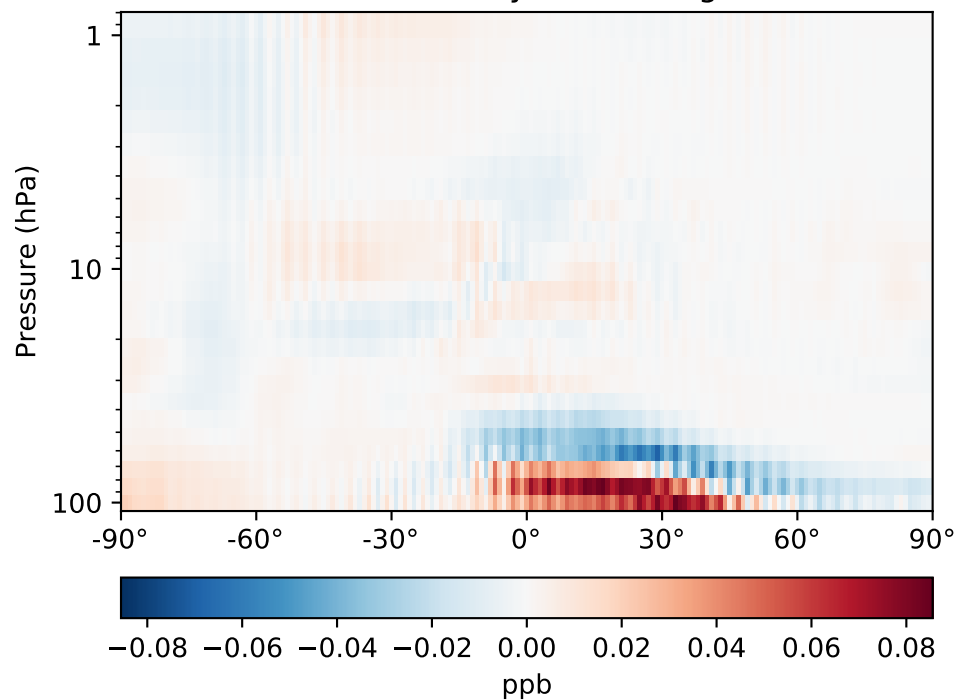
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



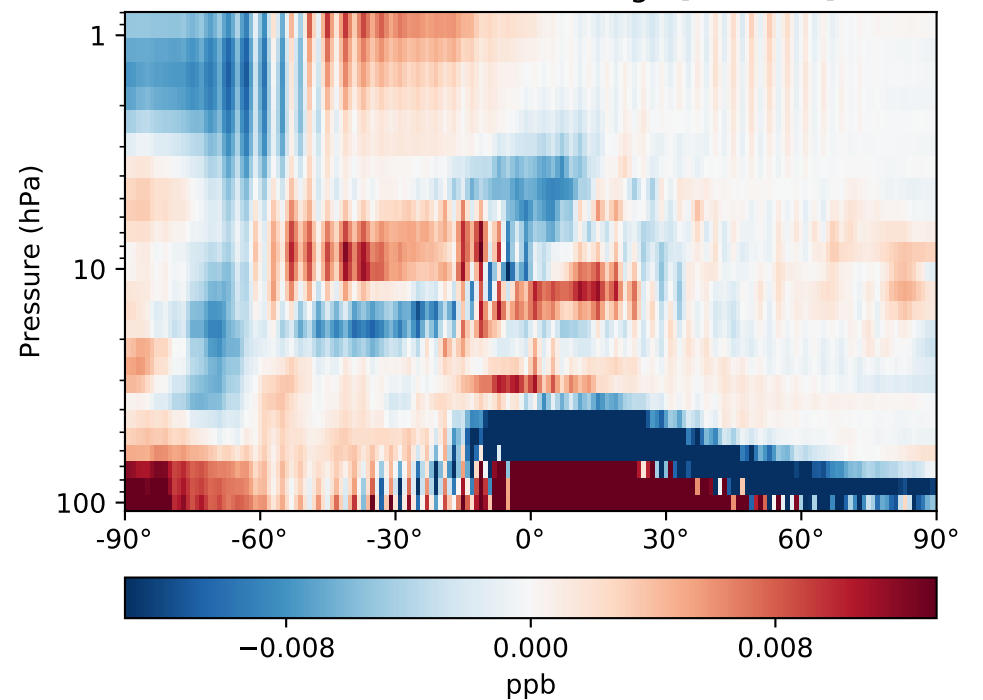
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



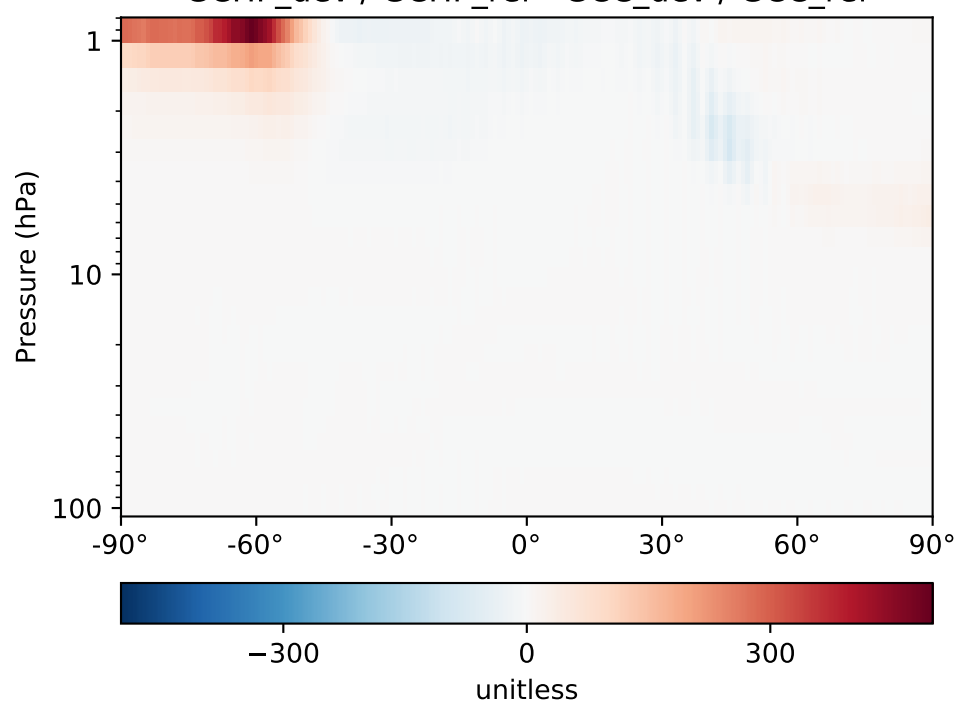
Difference (1x1.25)
Dev - Ref, Dynamic Range



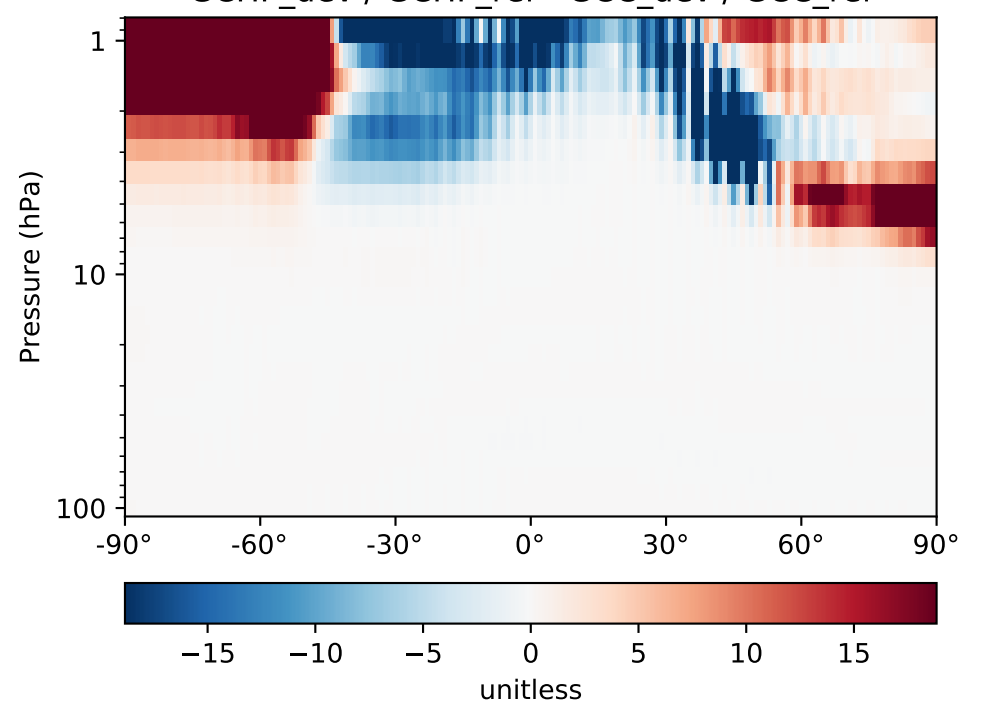
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

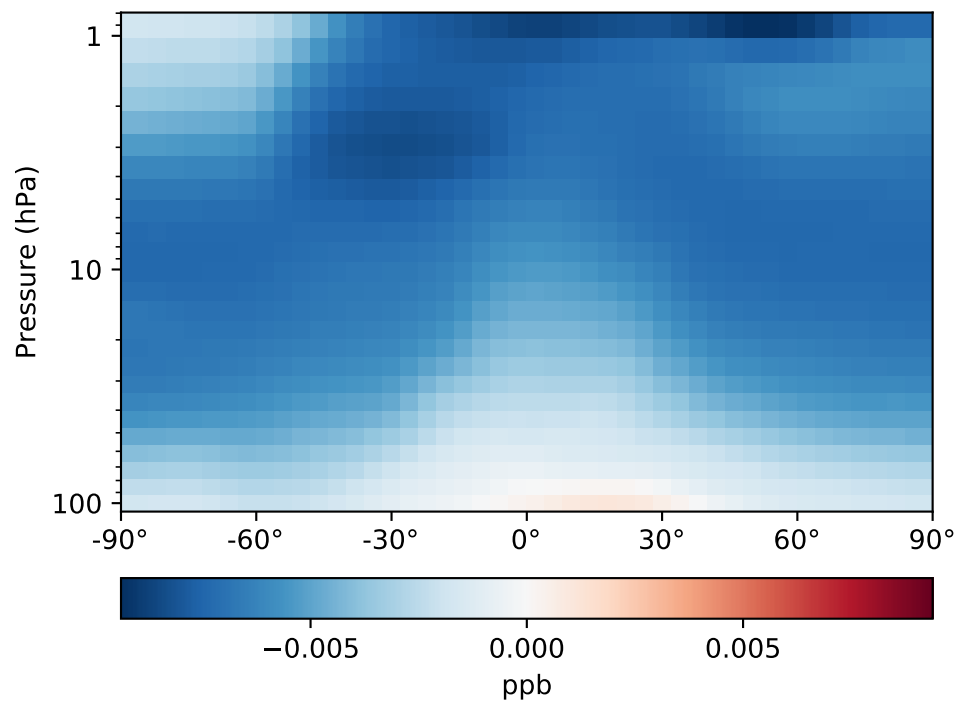


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

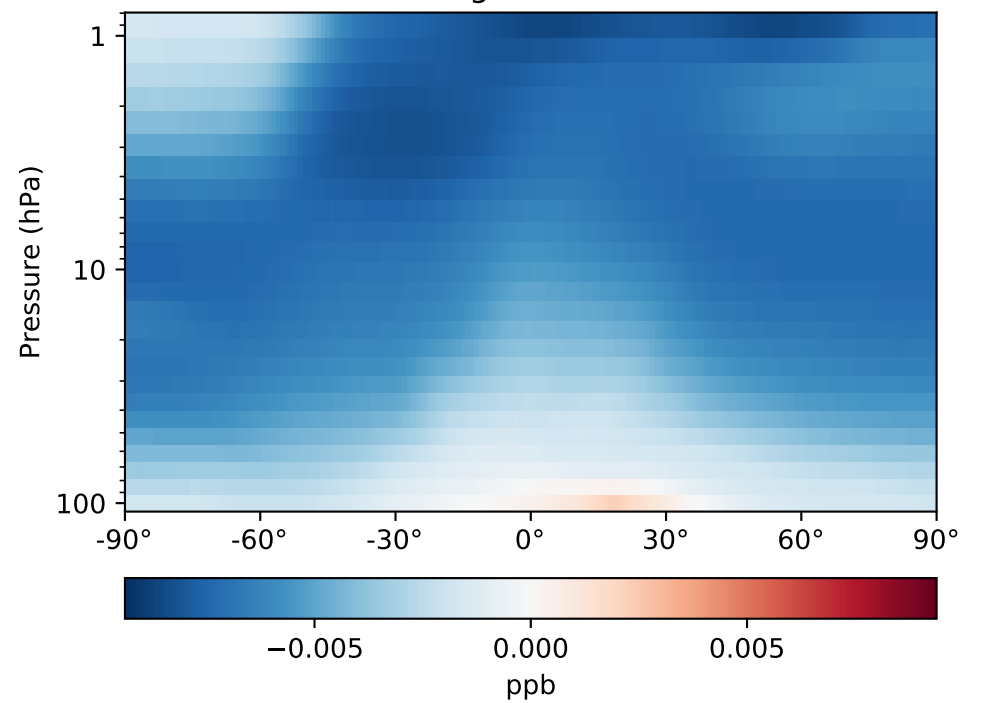


SpeciesConc_BCPI, Zonal Mean

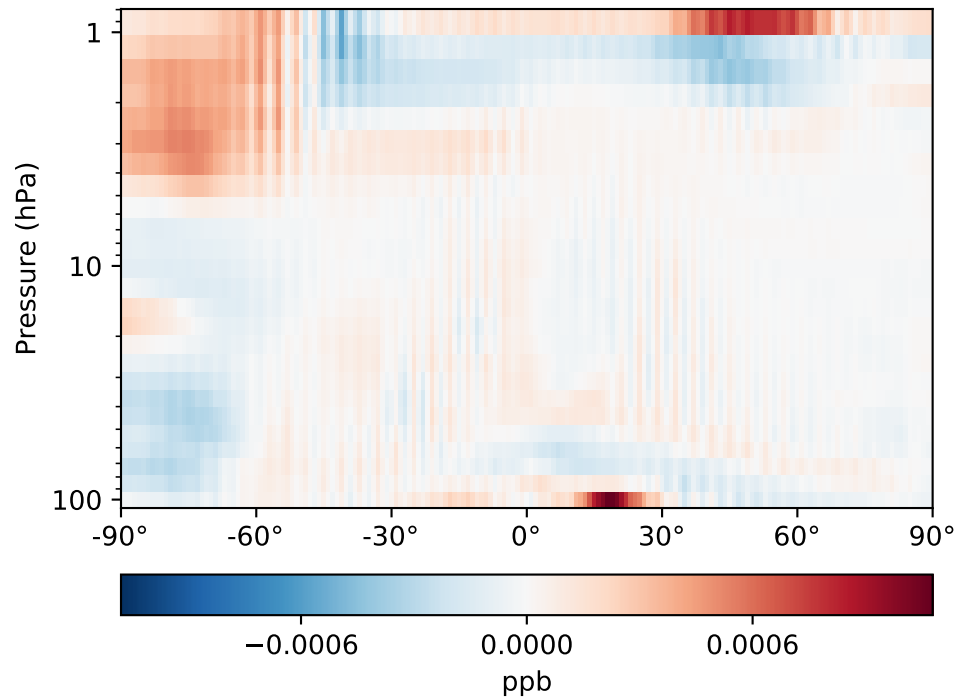
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



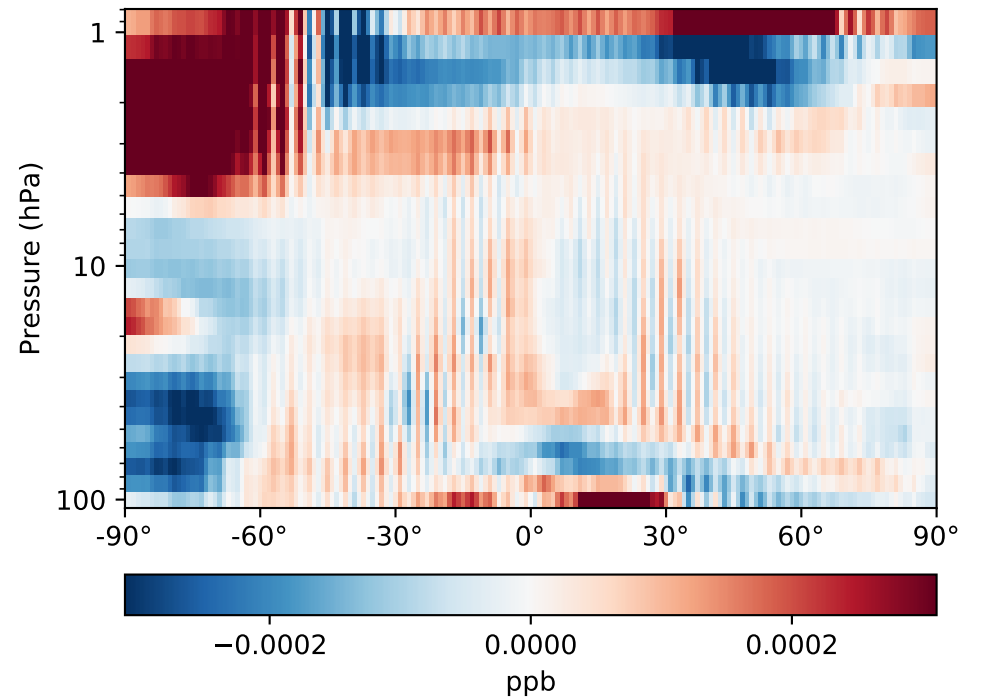
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



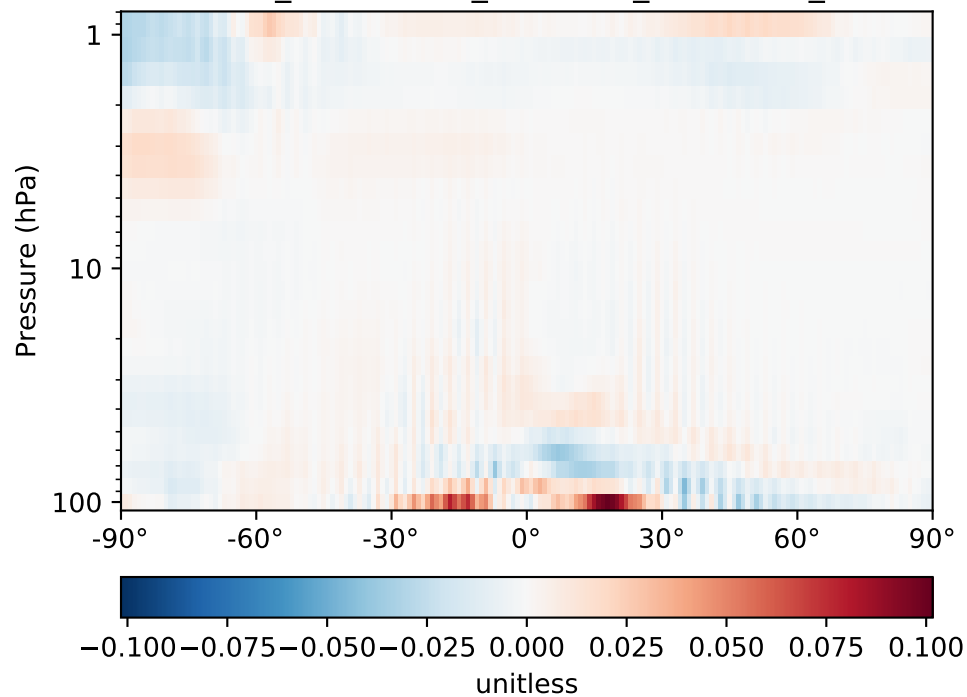
Difference (1x1.25)
Dev - Ref, Dynamic Range



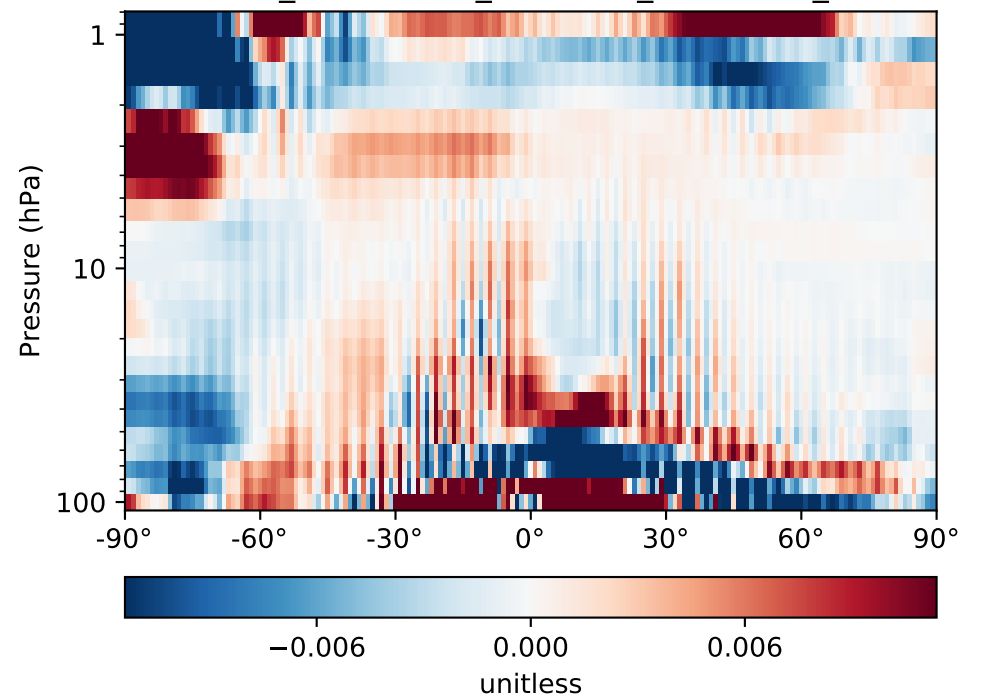
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

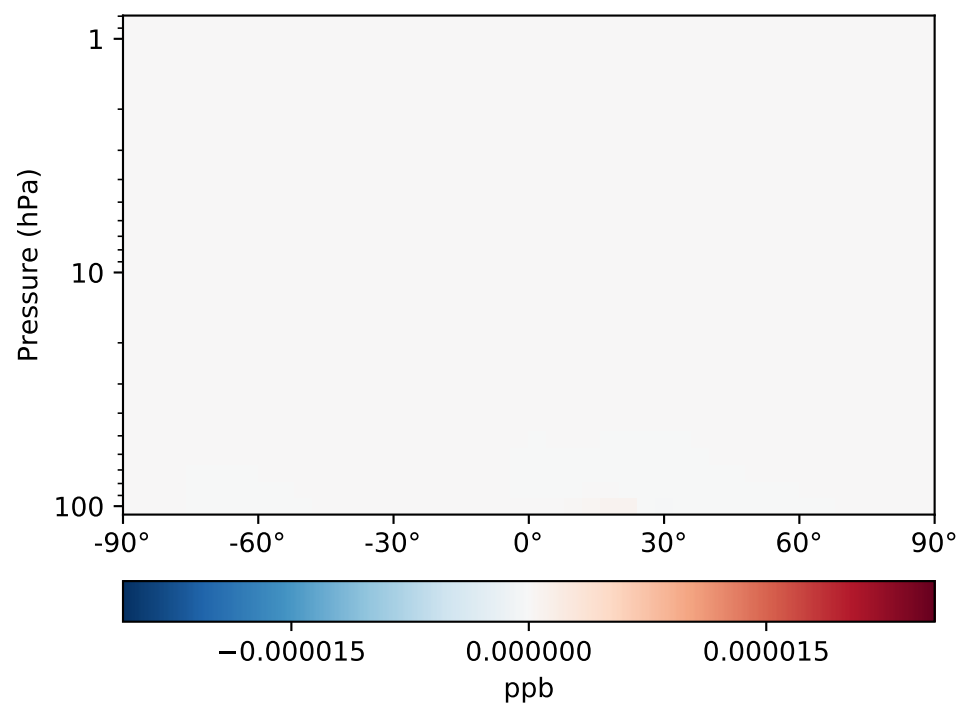


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

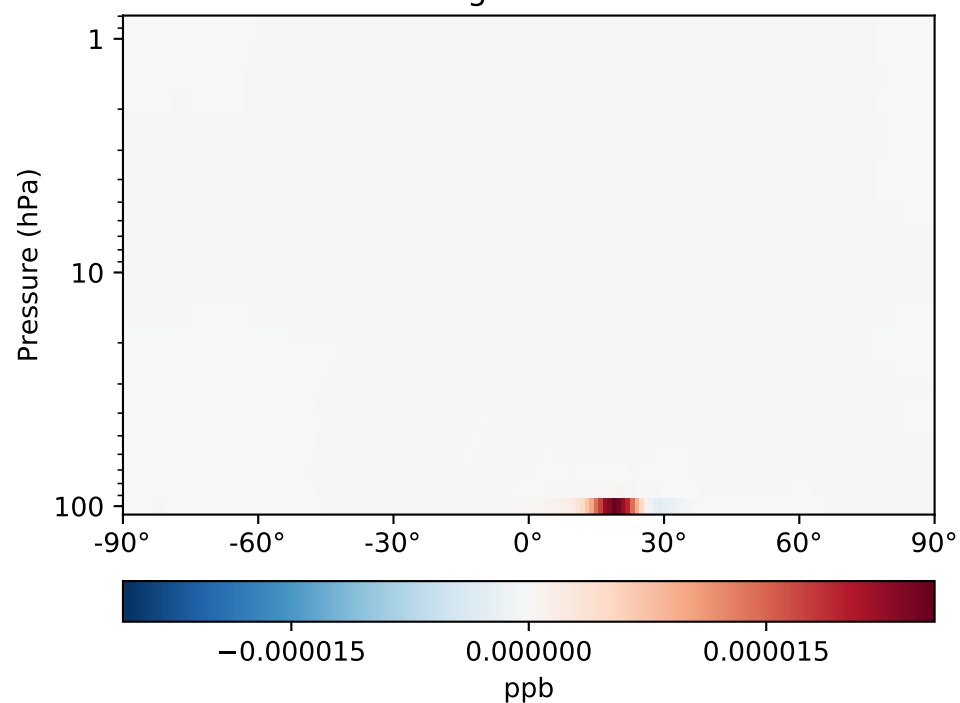


SpeciesConc_BCPO, Zonal Mean

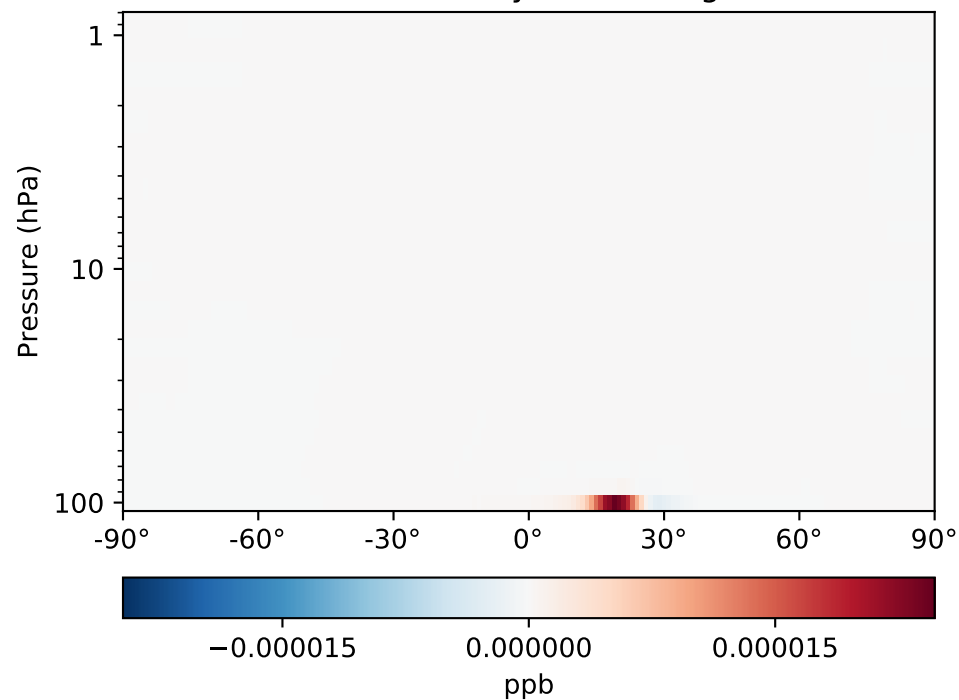
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



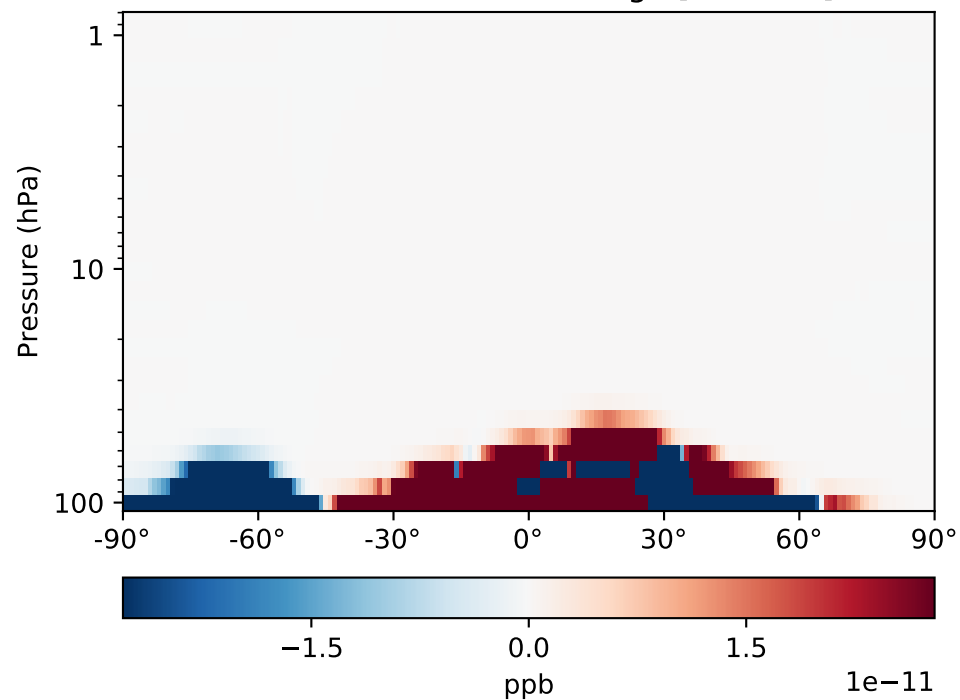
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



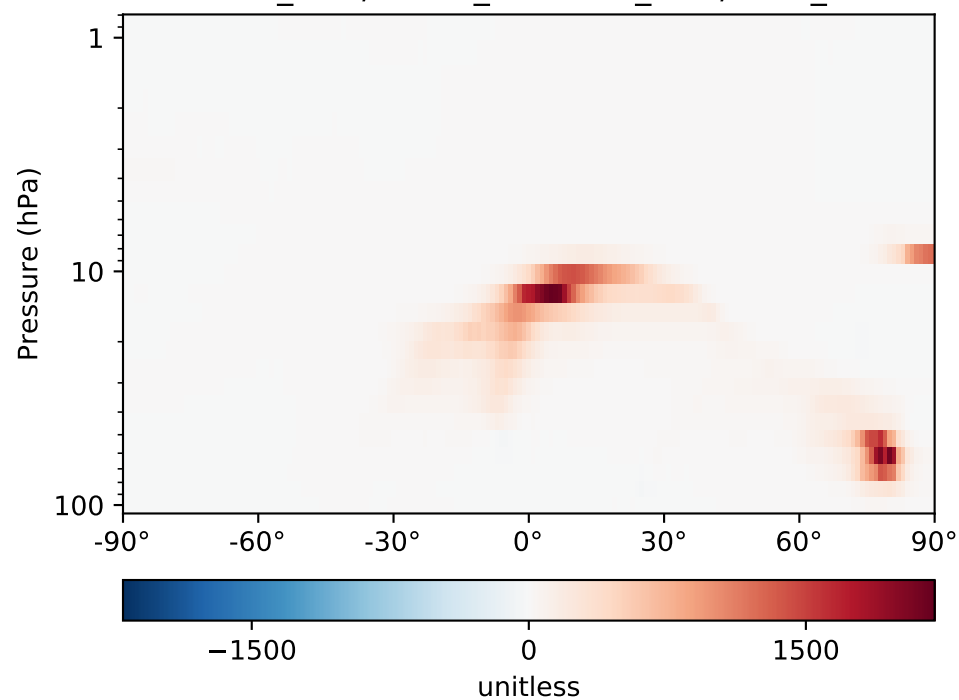
Difference (1x1.25)
Dev - Ref, Dynamic Range



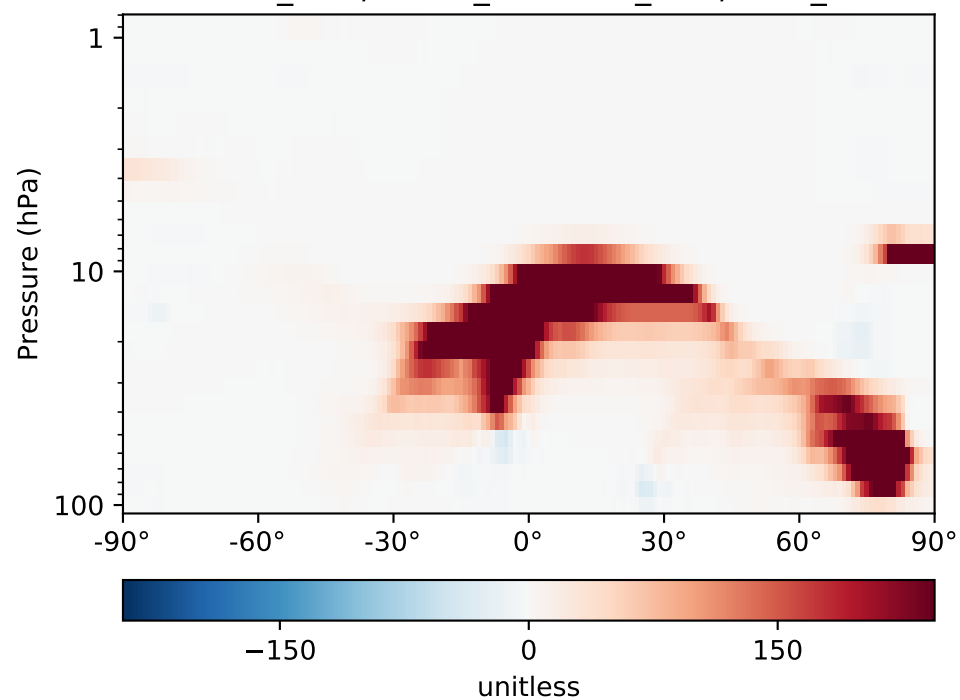
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

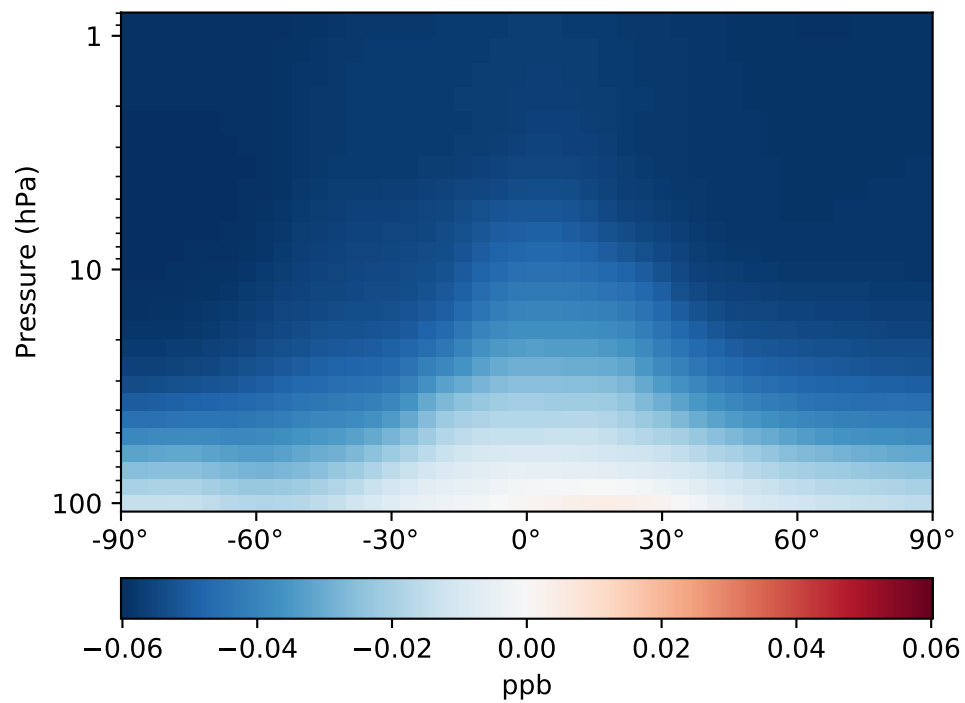


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

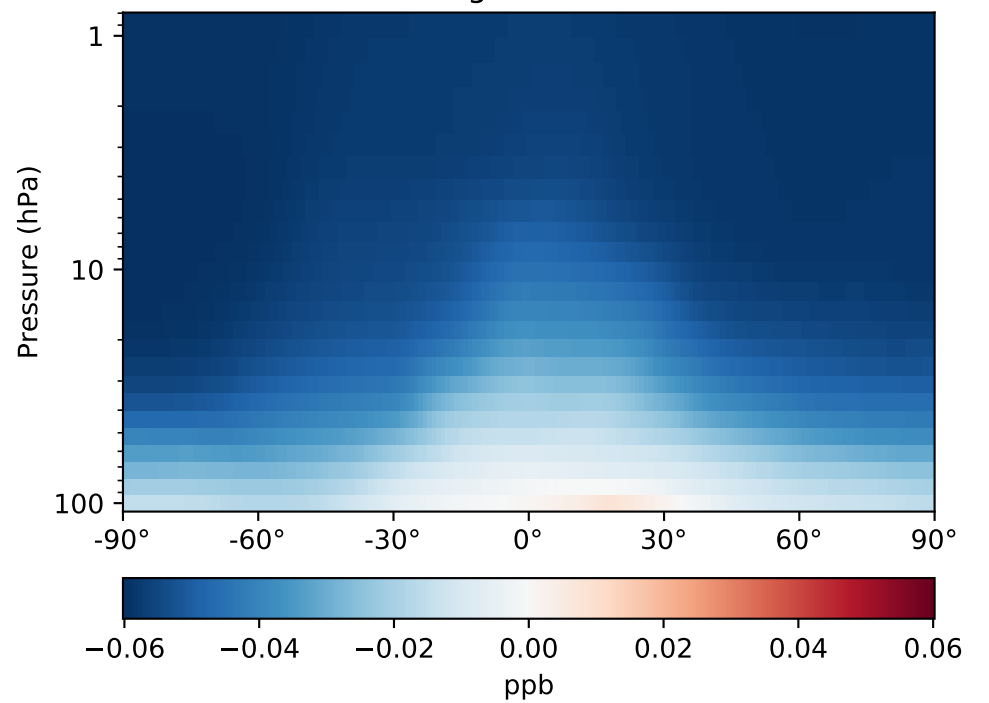


SpeciesConc_OCPI, Zonal Mean

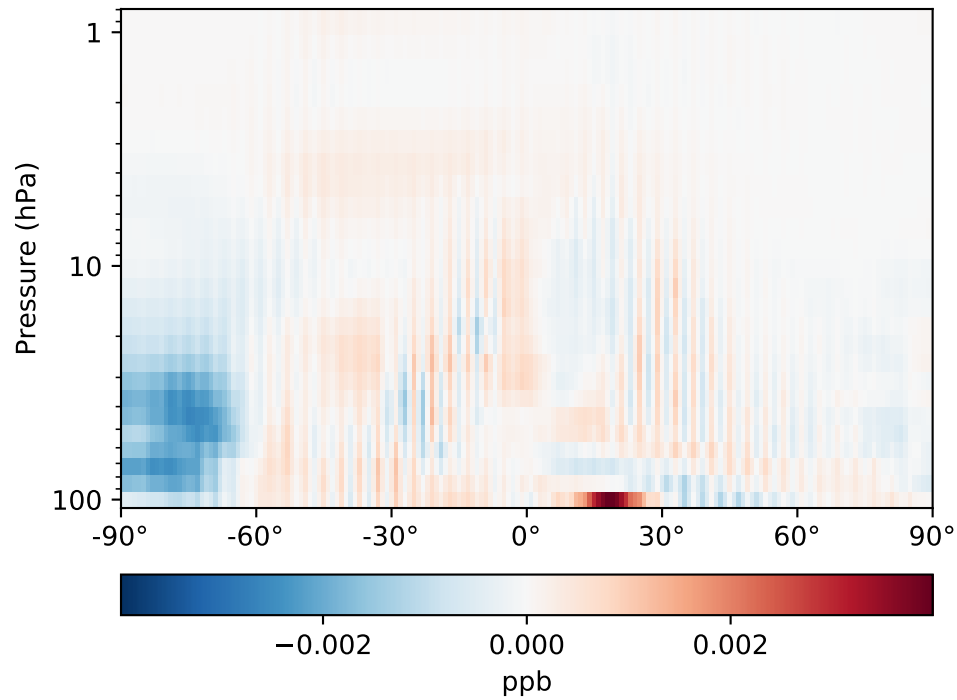
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



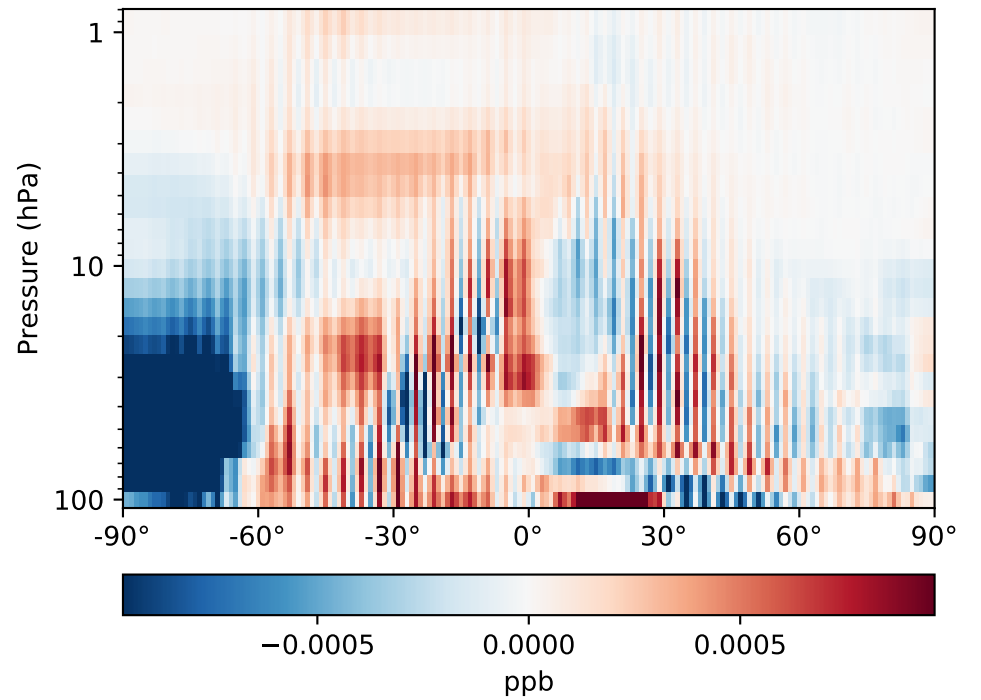
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



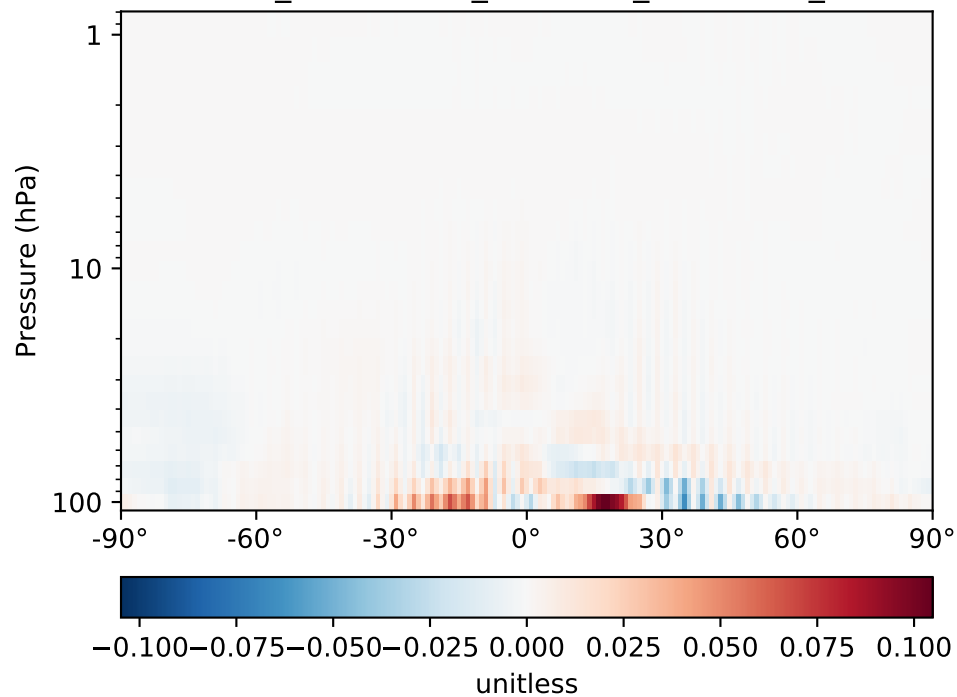
Difference (1x1.25)
Dev - Ref, Dynamic Range



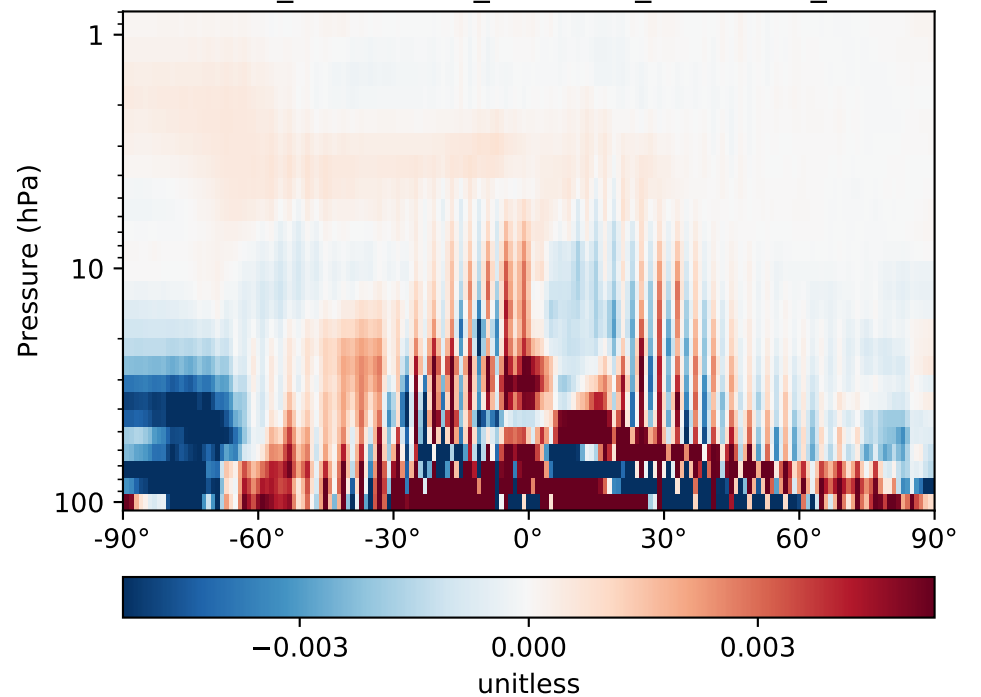
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

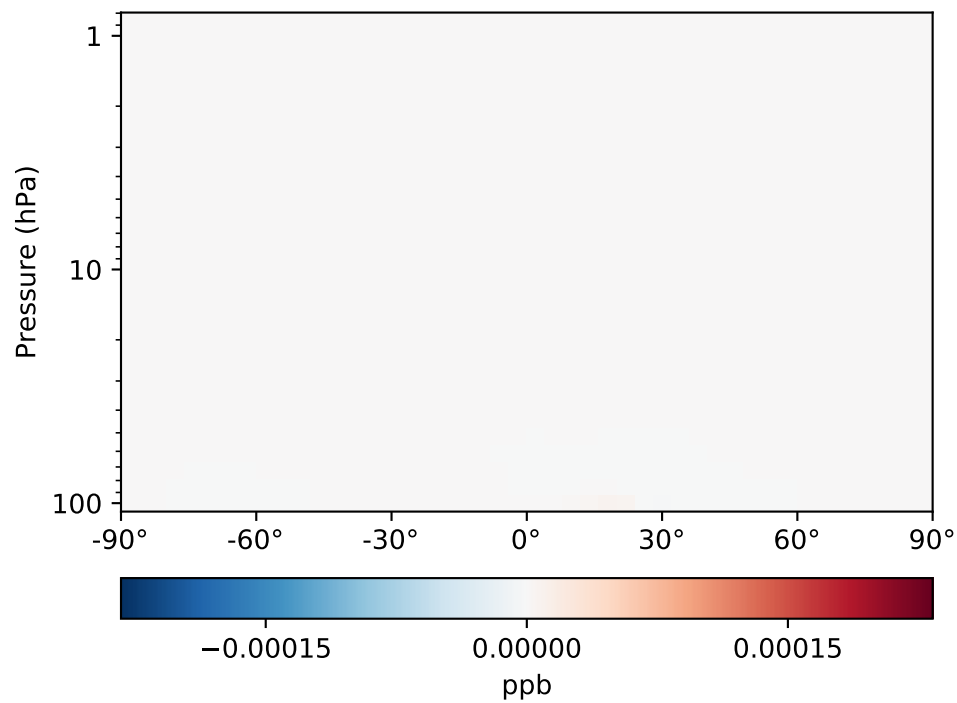


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

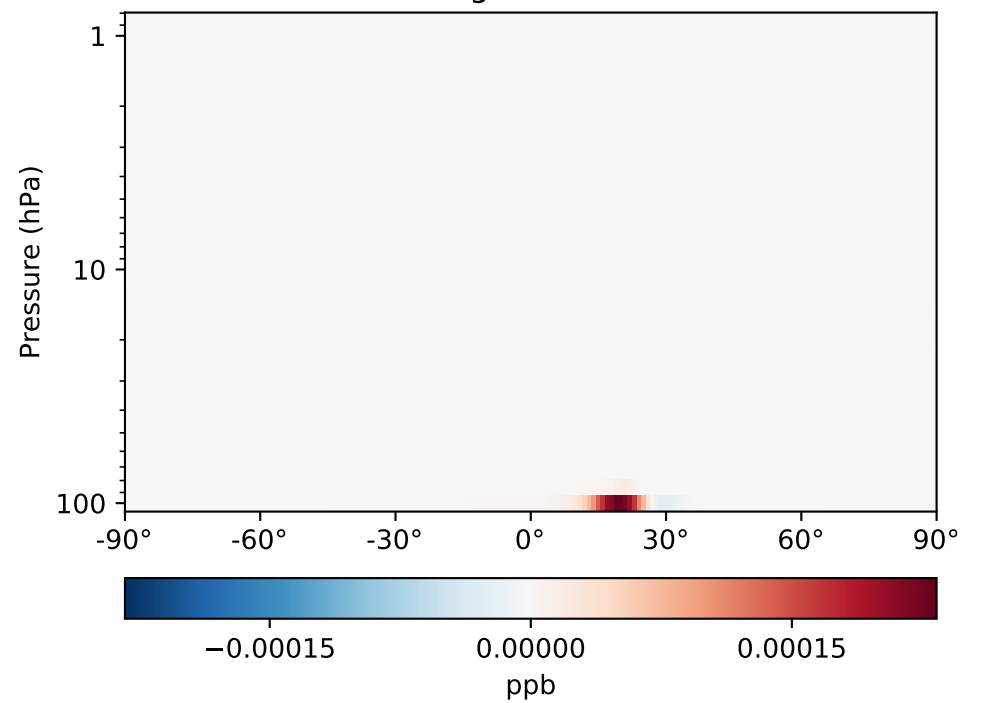


SpeciesConc_OCPO, Zonal Mean

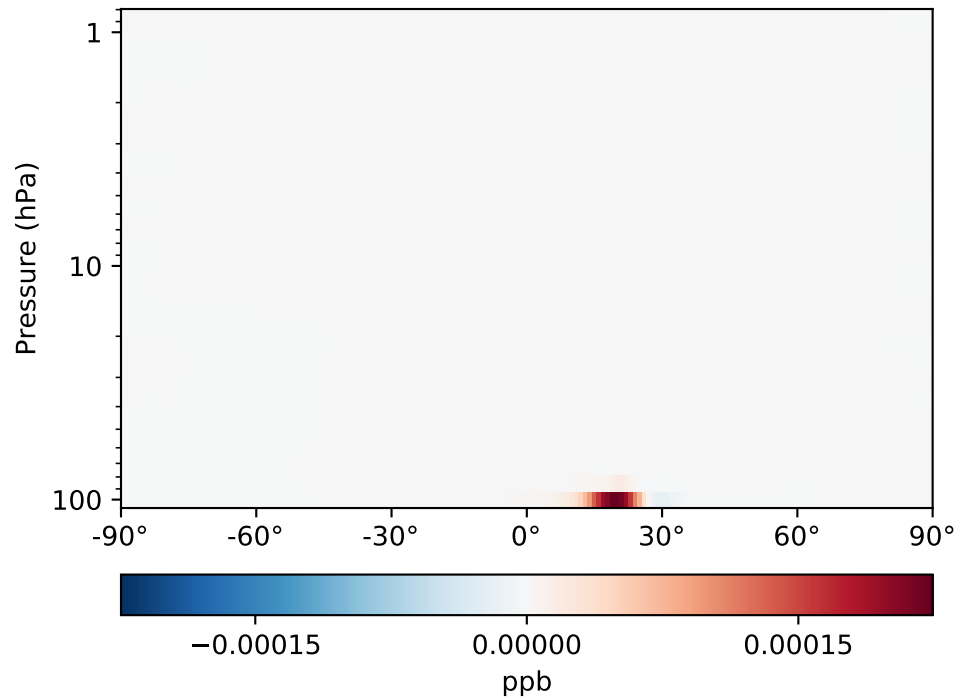
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



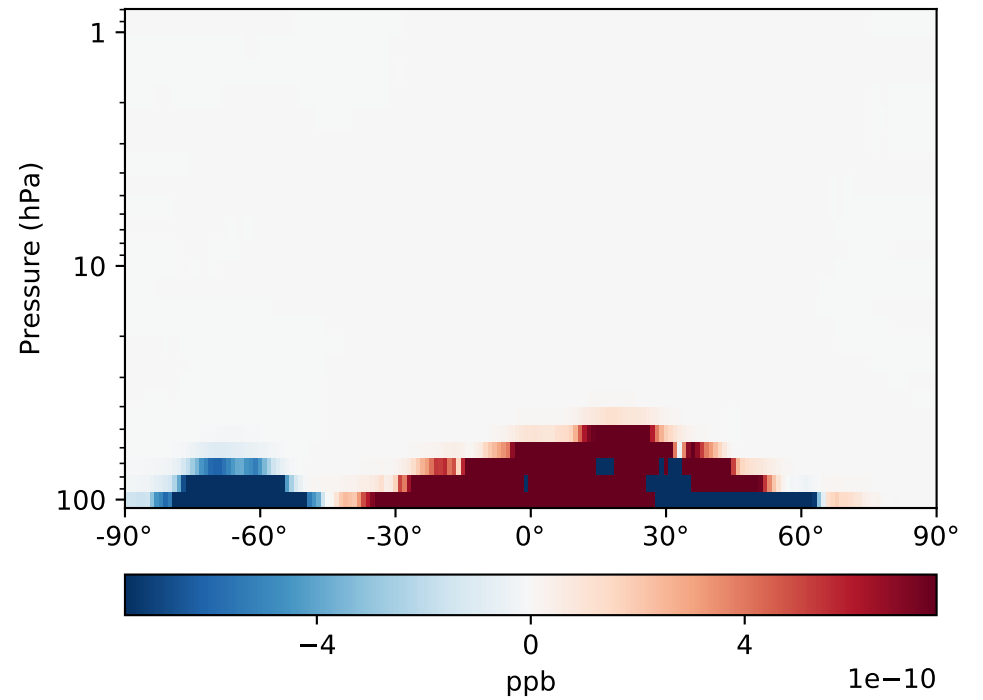
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



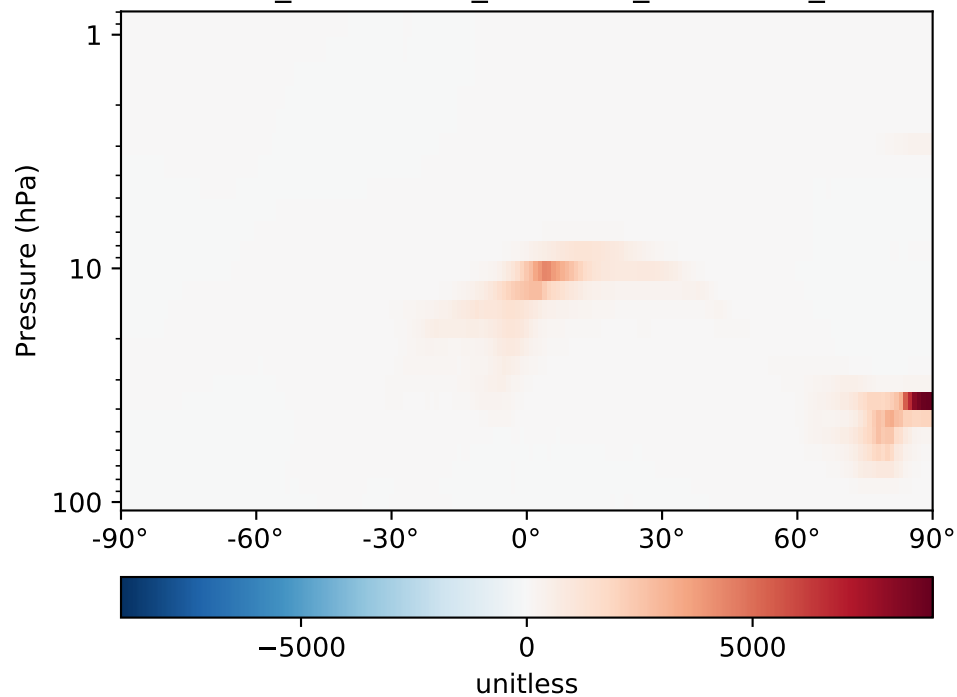
Difference (1x1.25)
Dev - Ref, Dynamic Range



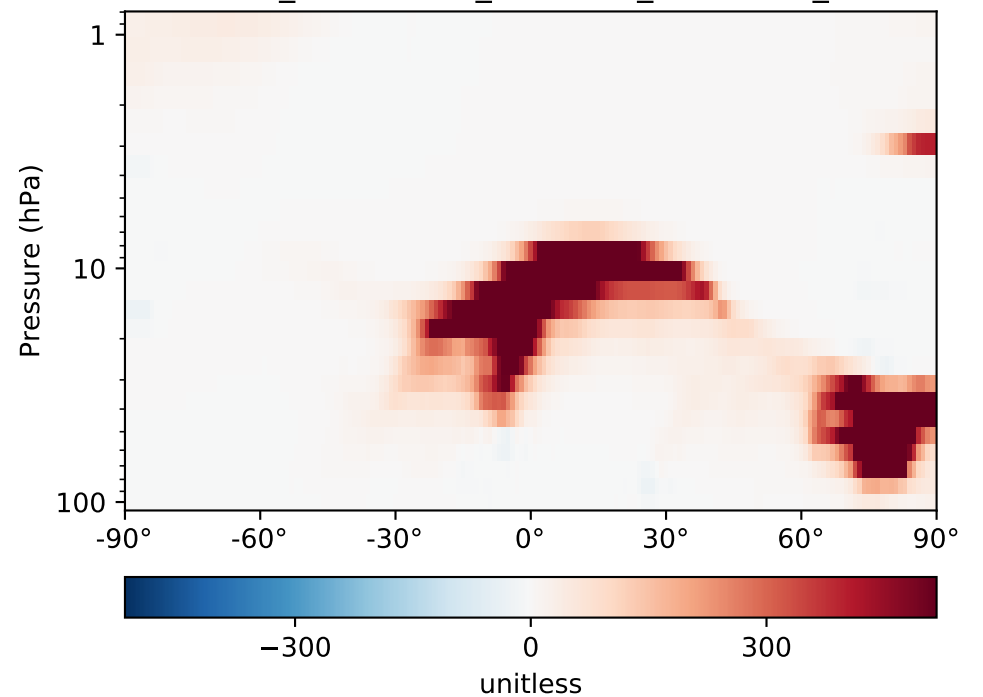
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

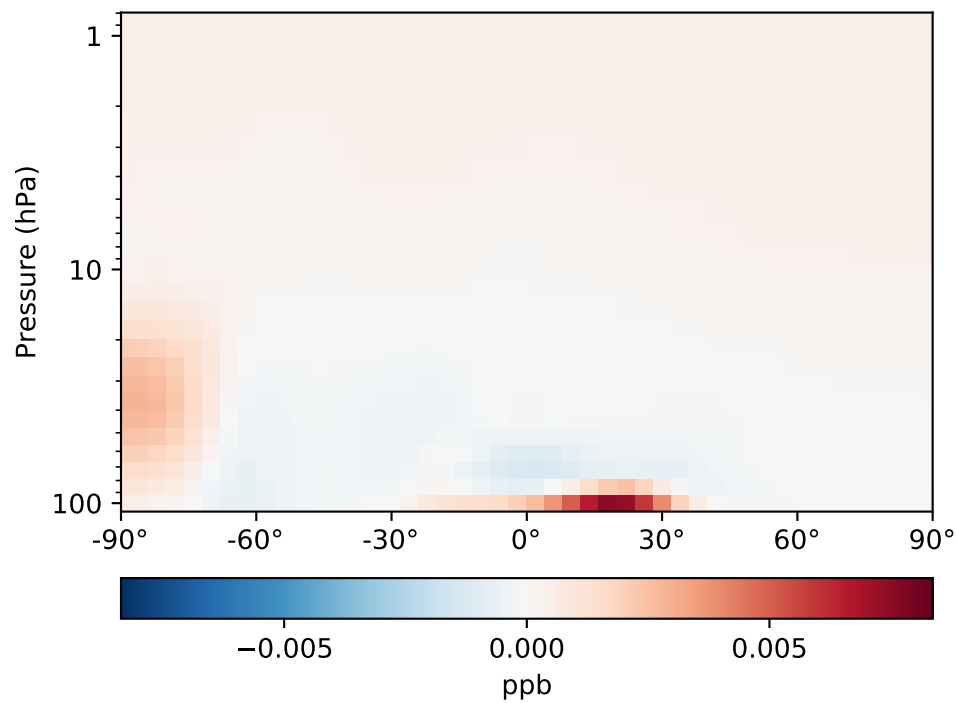


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

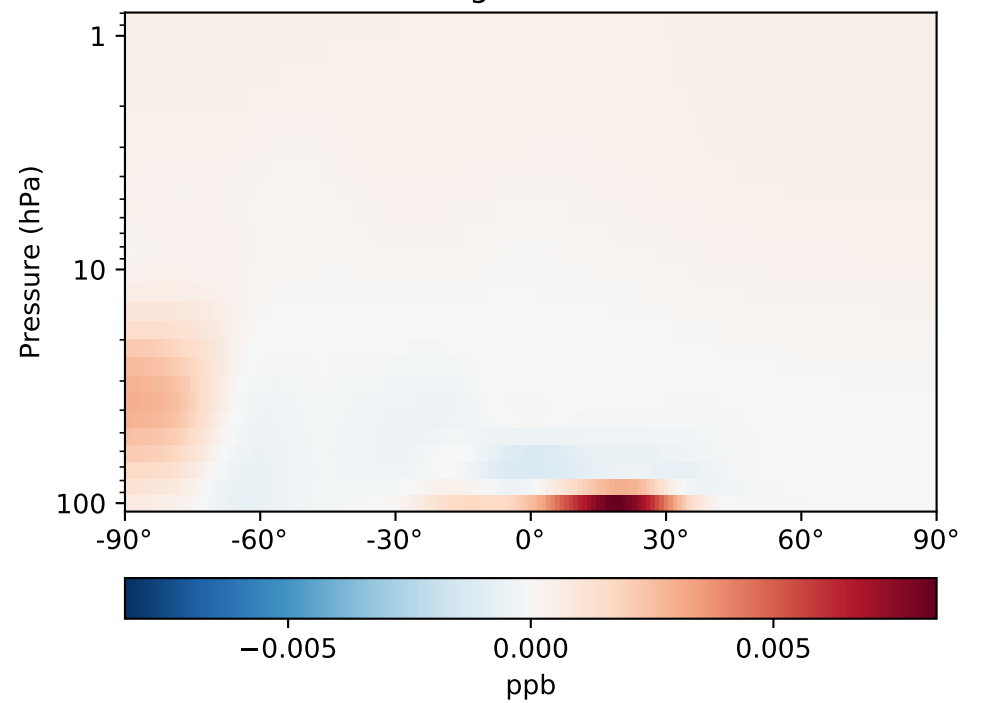


SpeciesConc_Complex_SOA, Zonal Mean

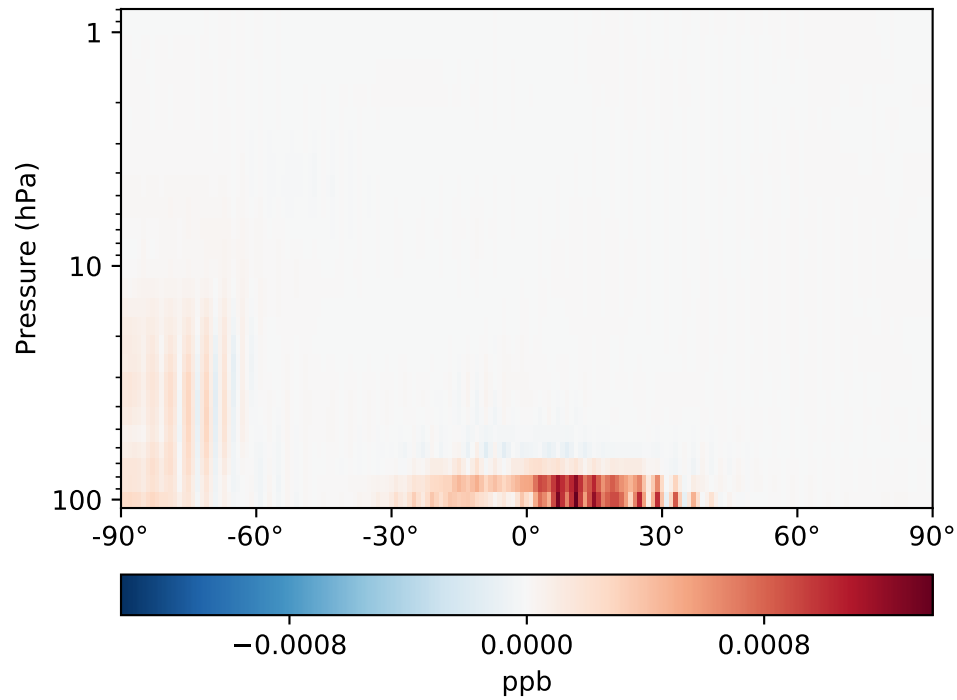
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



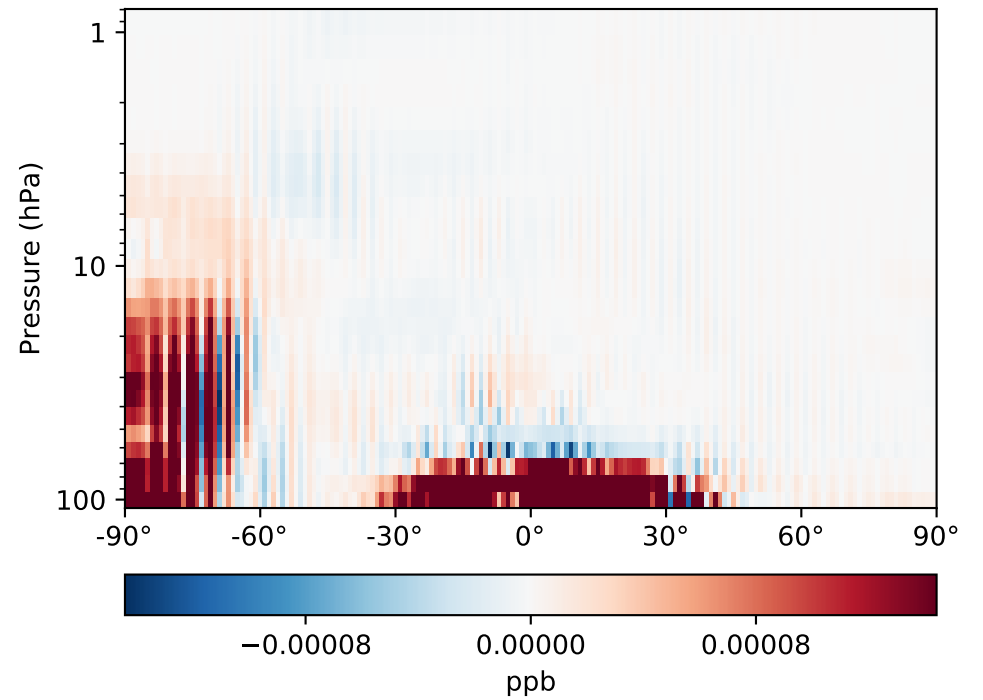
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



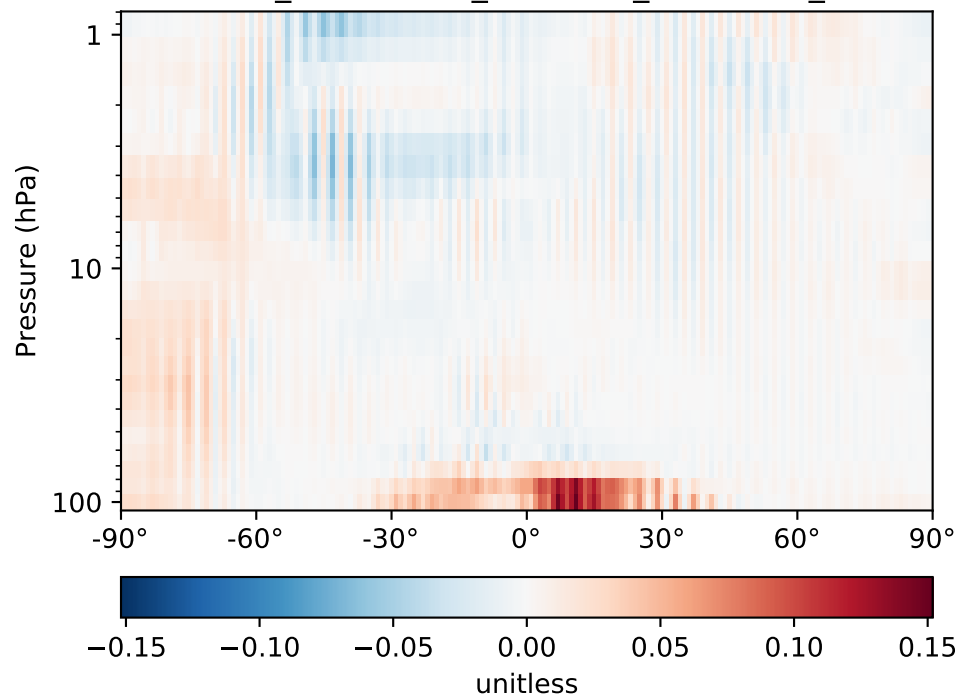
Difference (1x1.25)
Dev - Ref, Dynamic Range



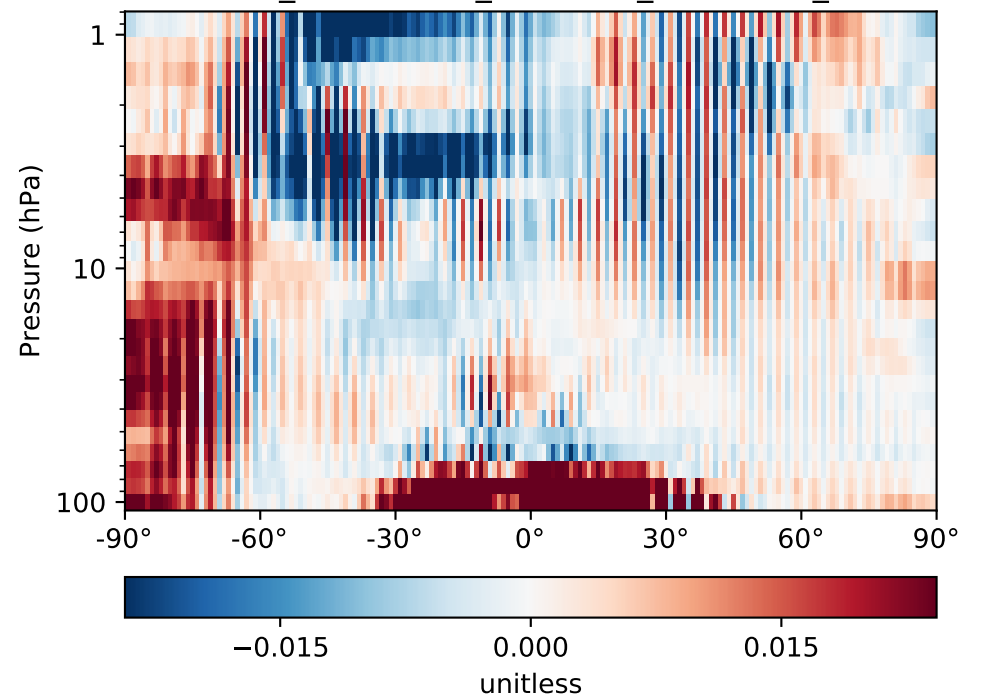
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

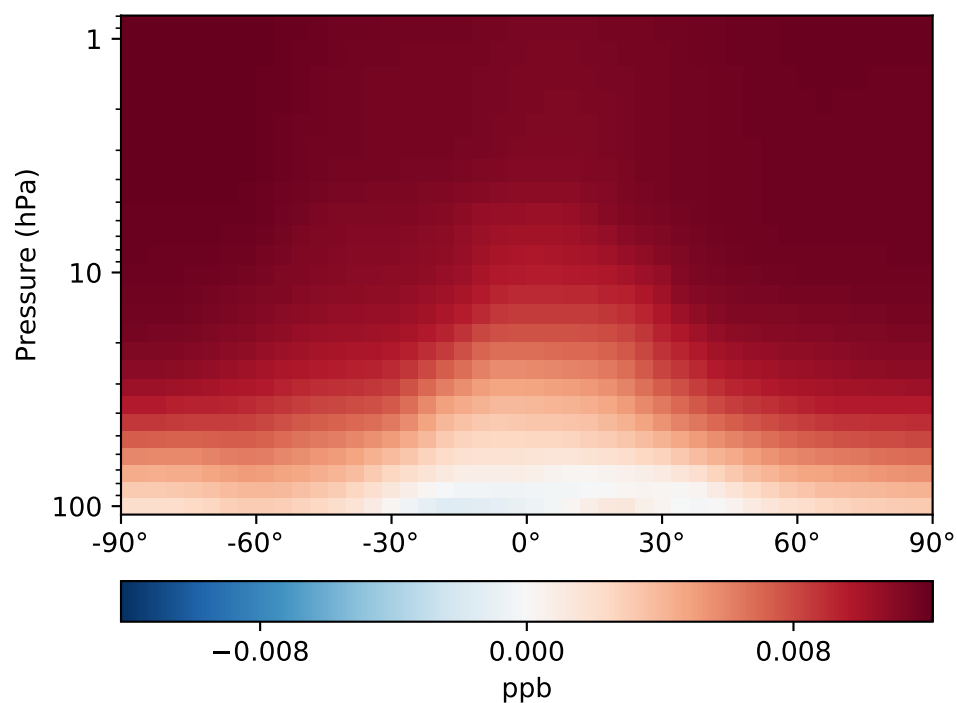


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

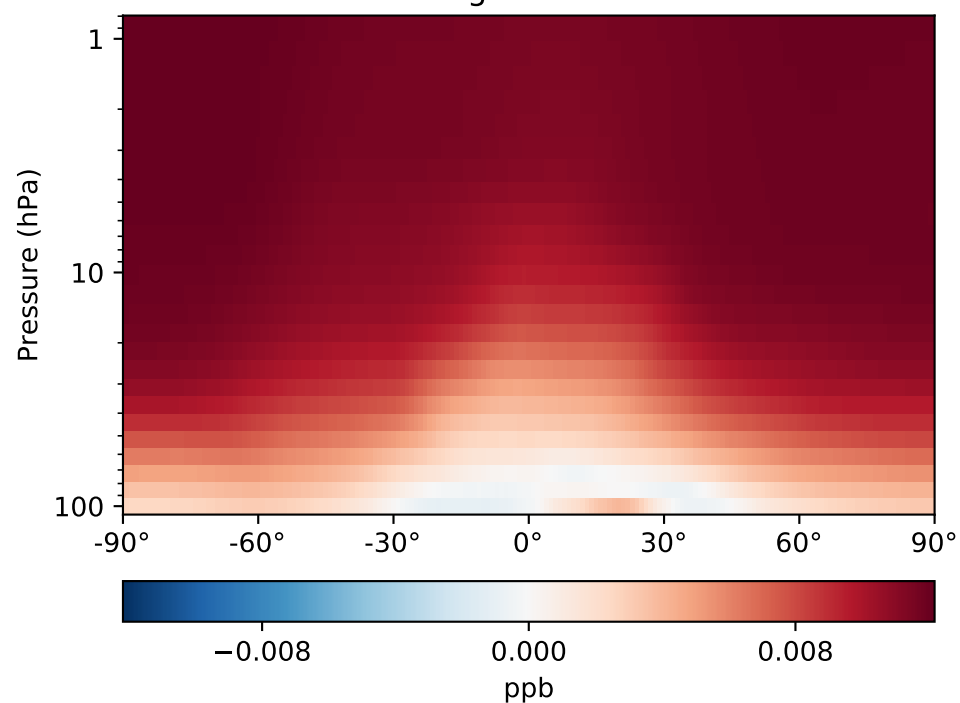


SpeciesConc_Simple_SOA, Zonal Mean

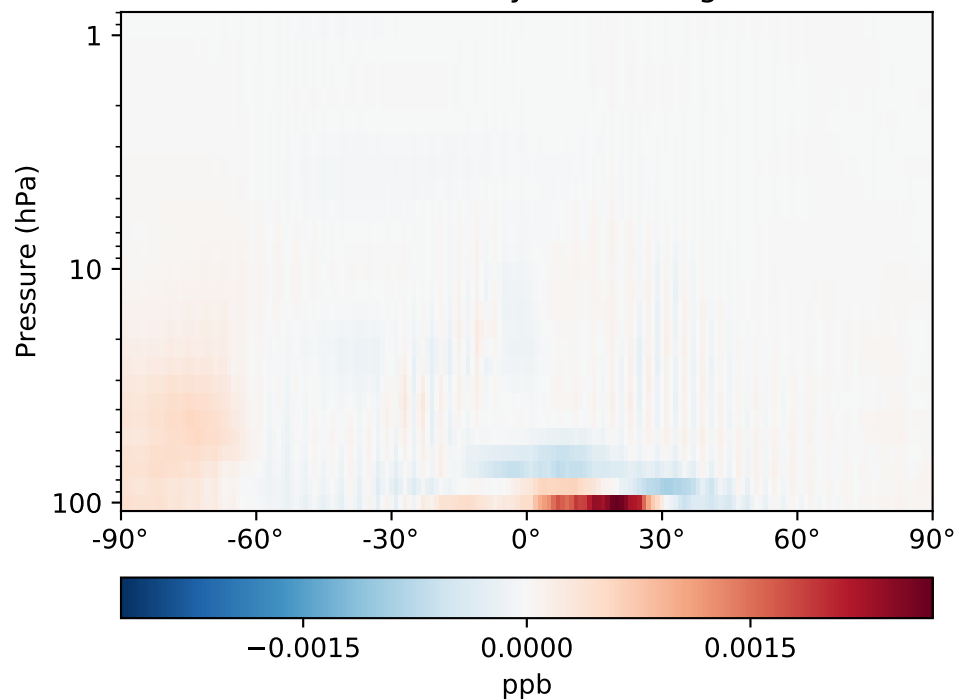
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



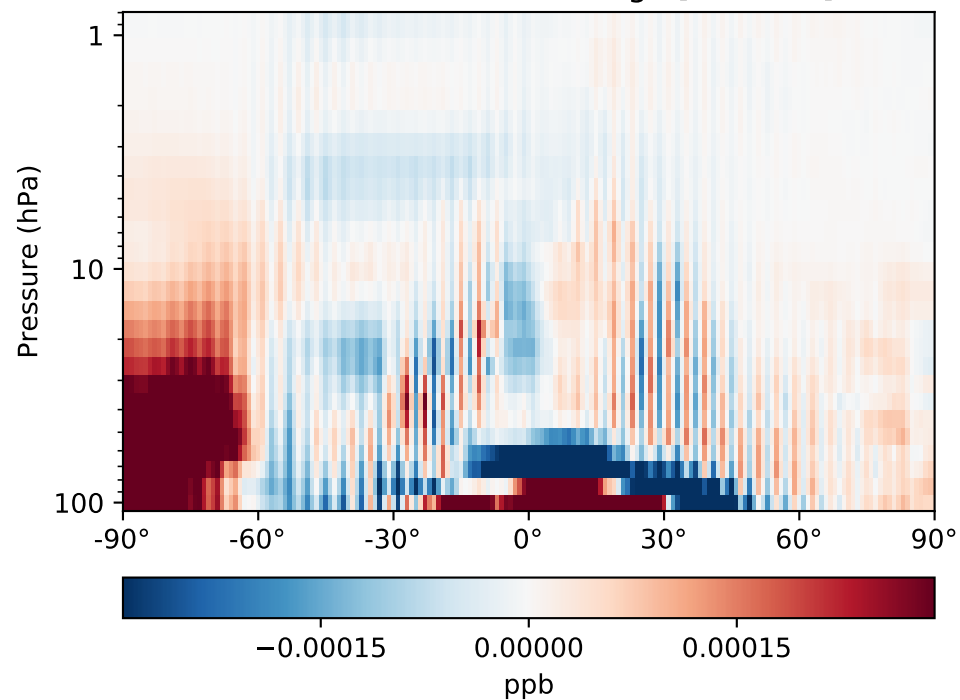
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



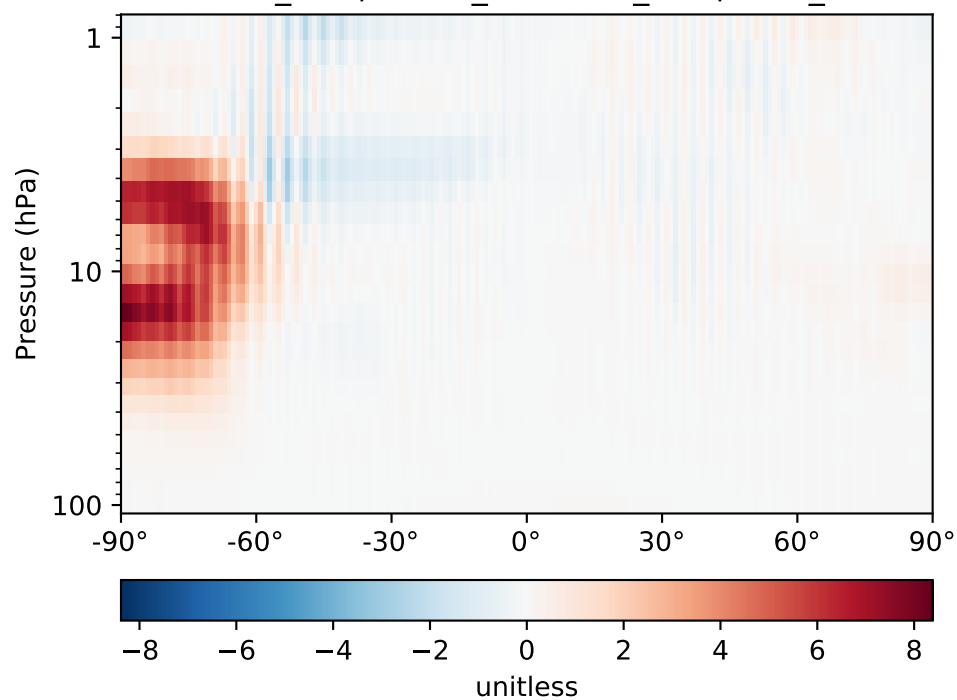
Difference (1x1.25)
Dev - Ref, Dynamic Range



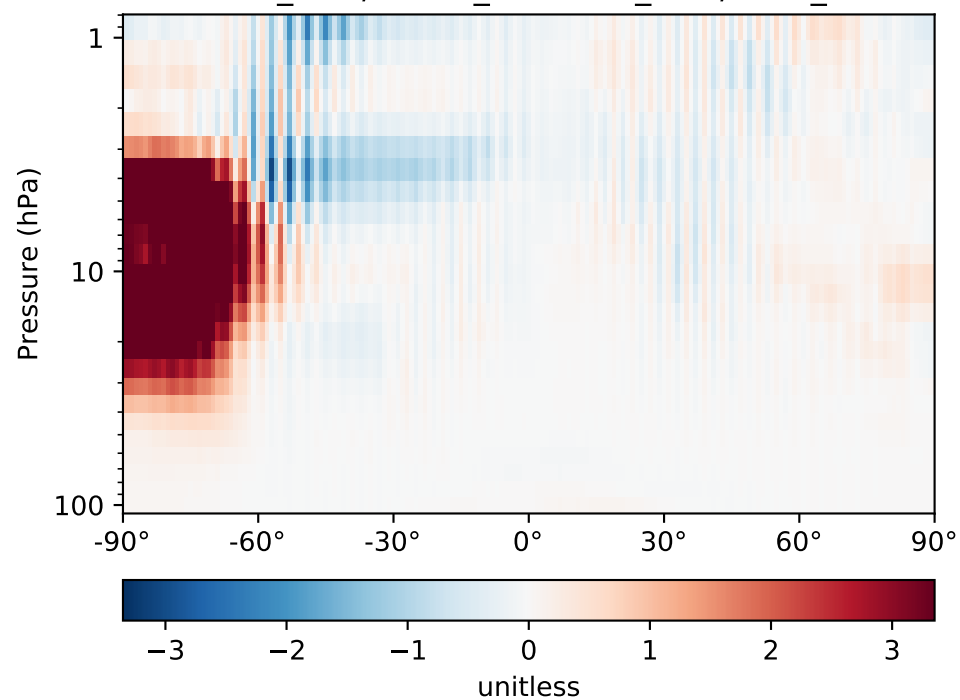
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

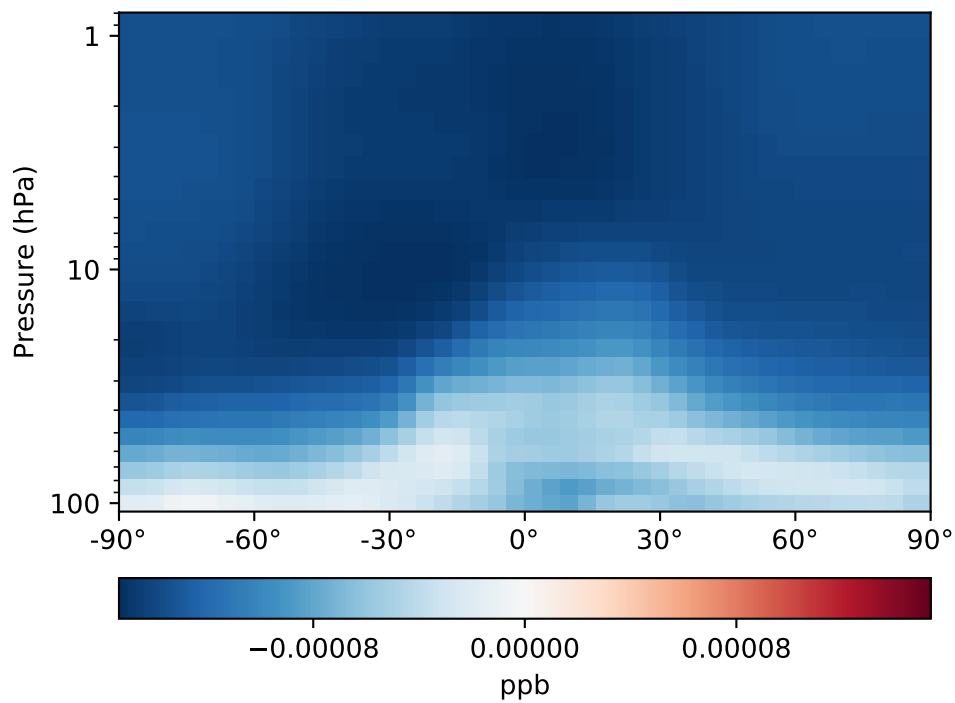


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

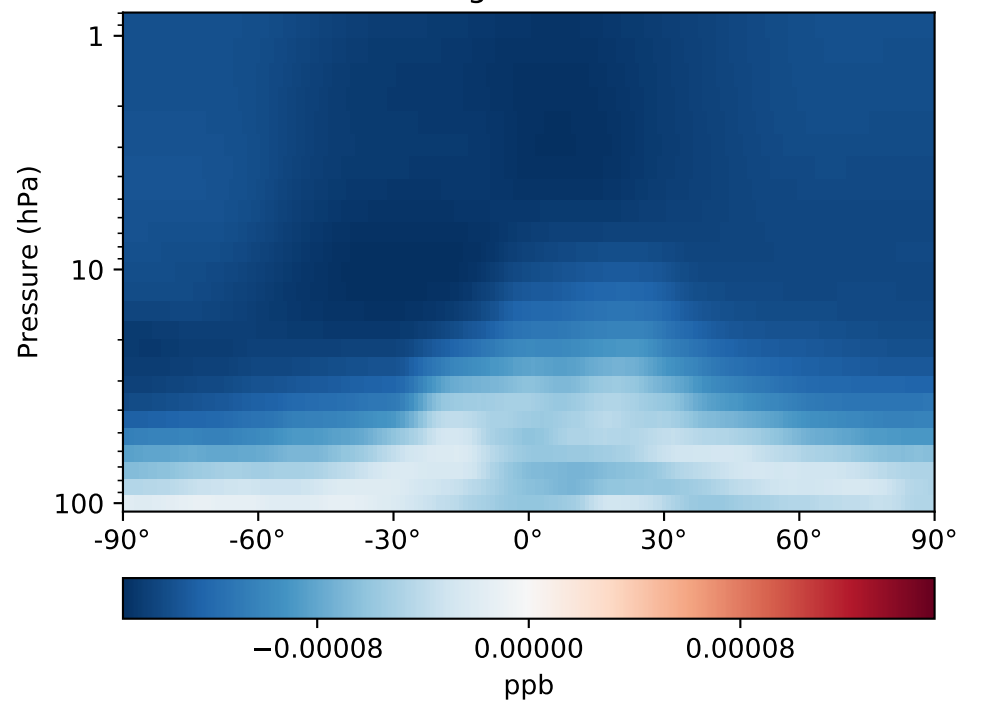


SpeciesConc_AERI, Zonal Mean

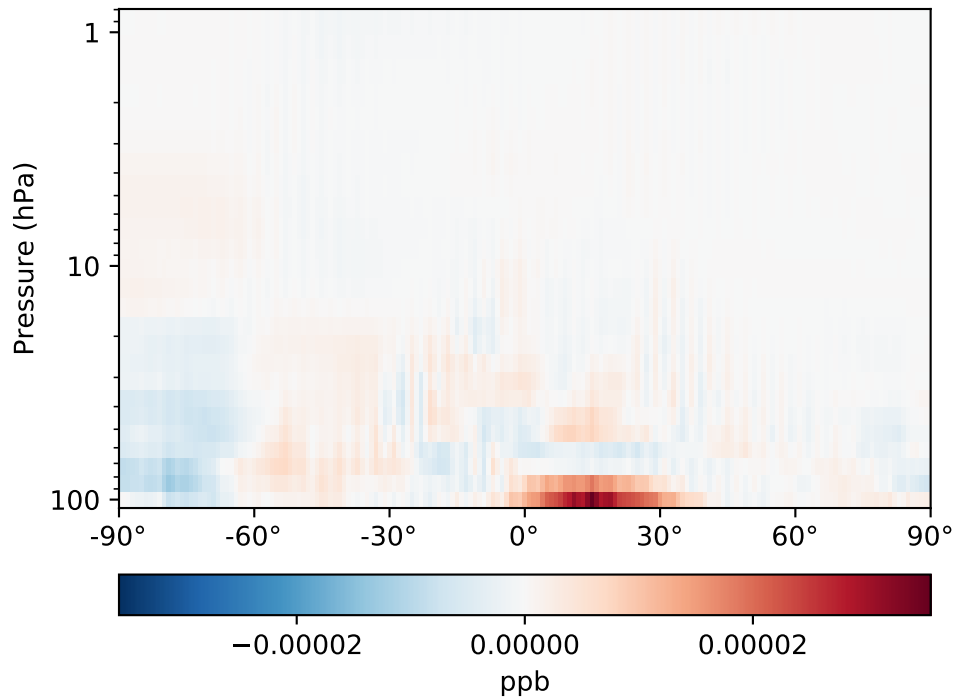
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



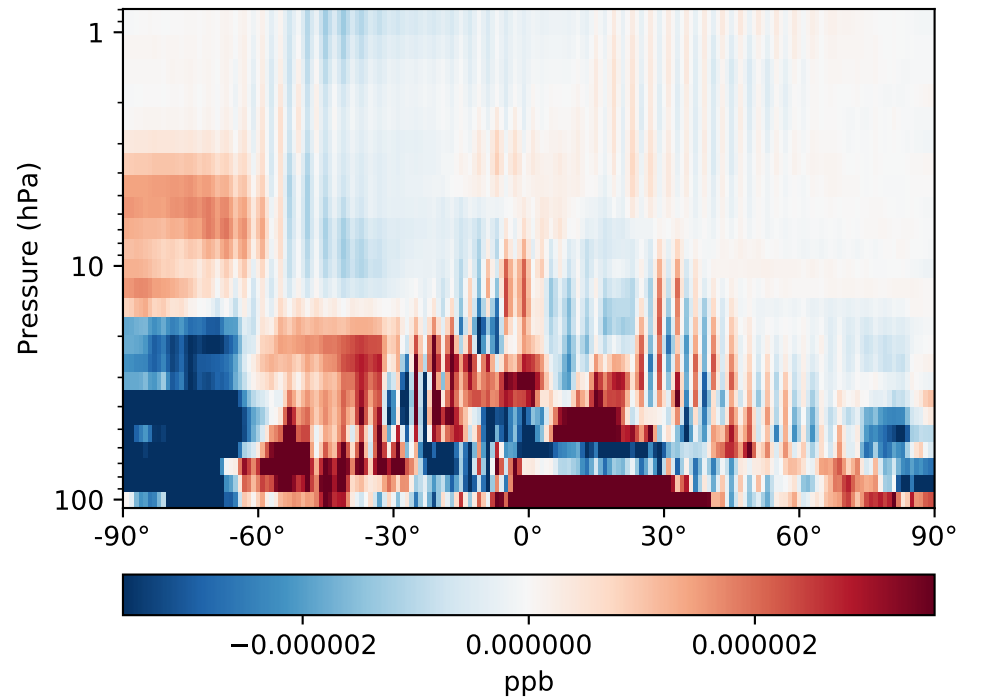
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



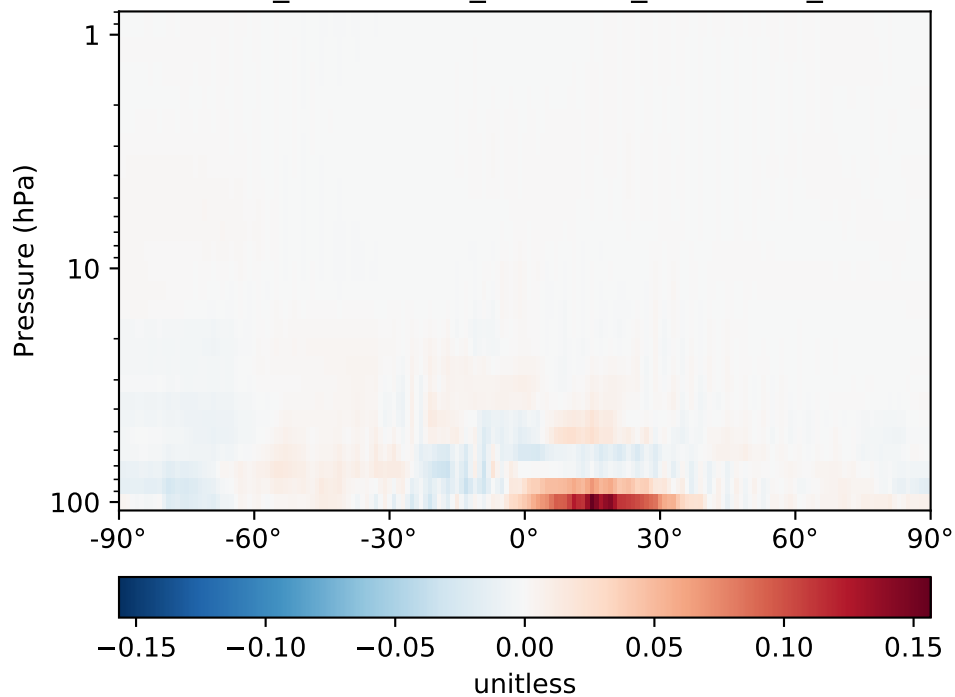
Difference (1x1.25)
Dev - Ref, Dynamic Range



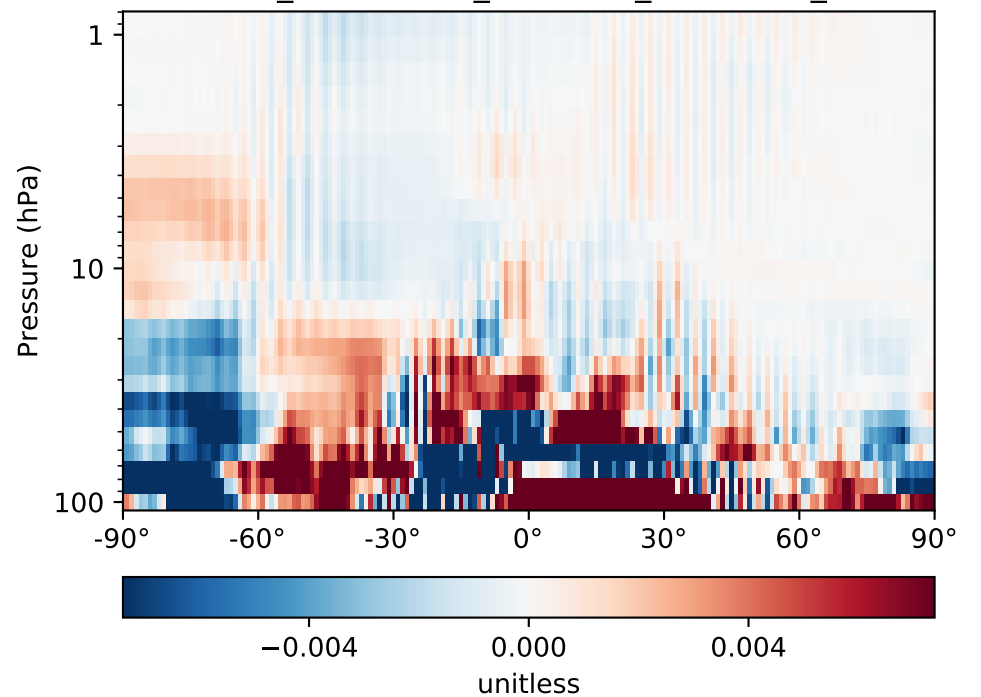
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

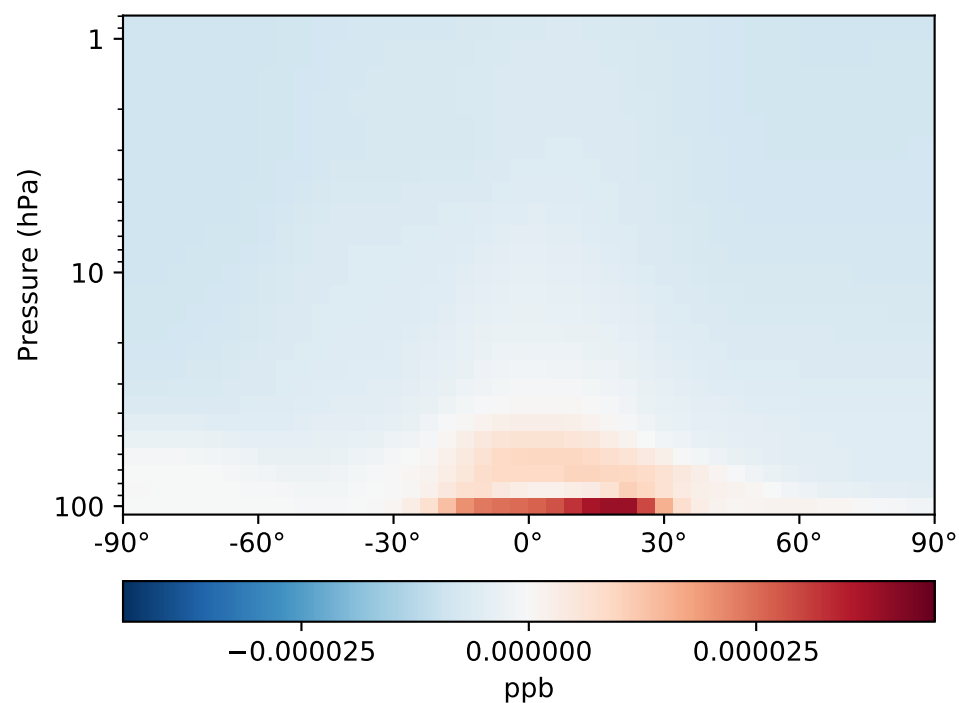


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

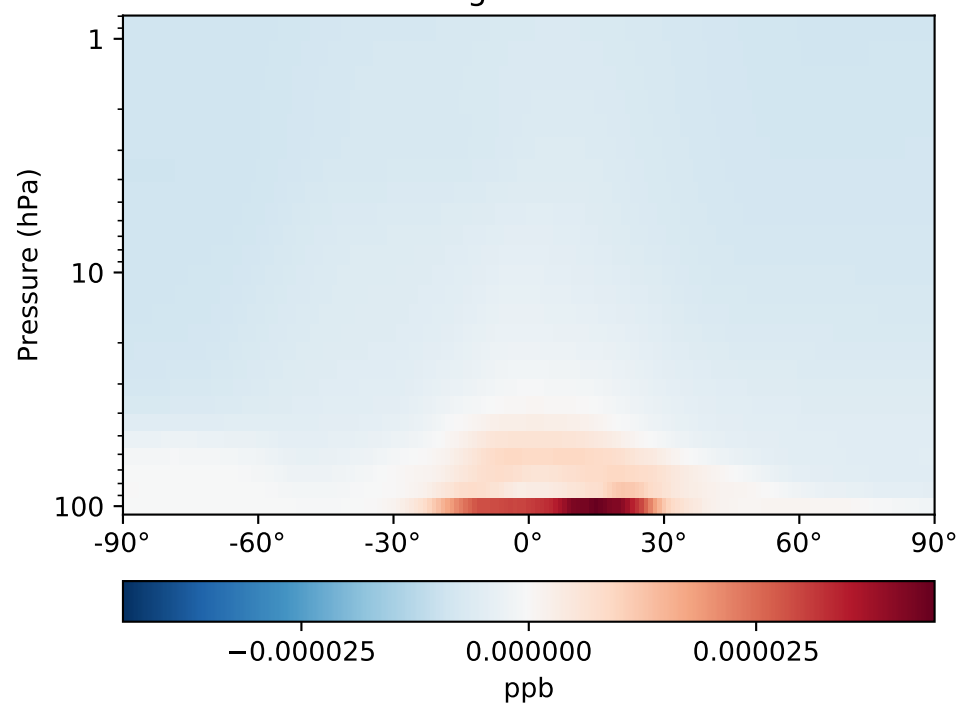


SpeciesConc_BrSALA, Zonal Mean

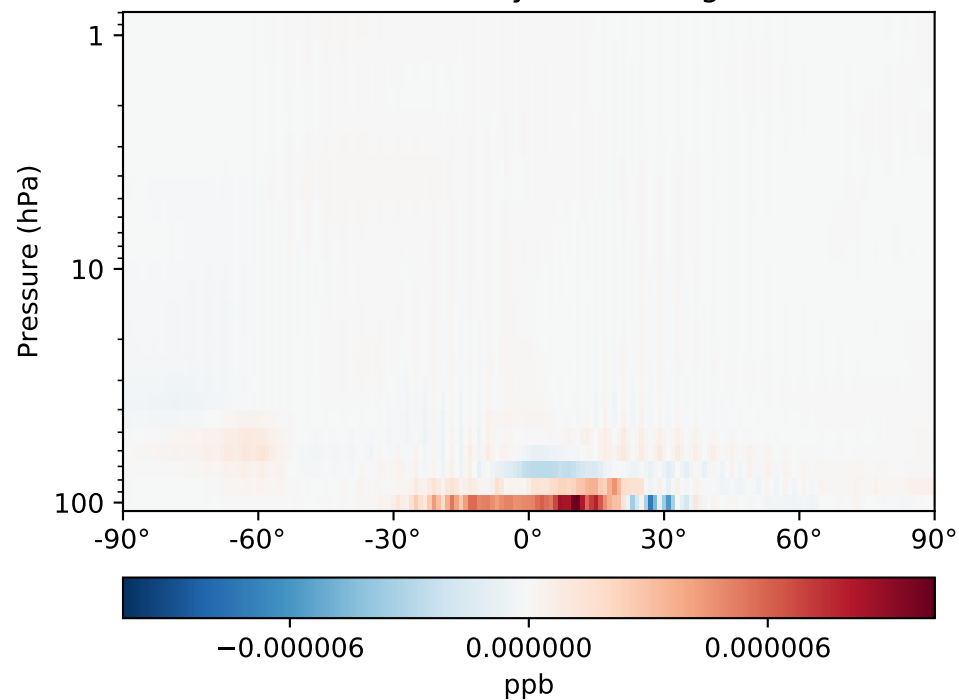
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



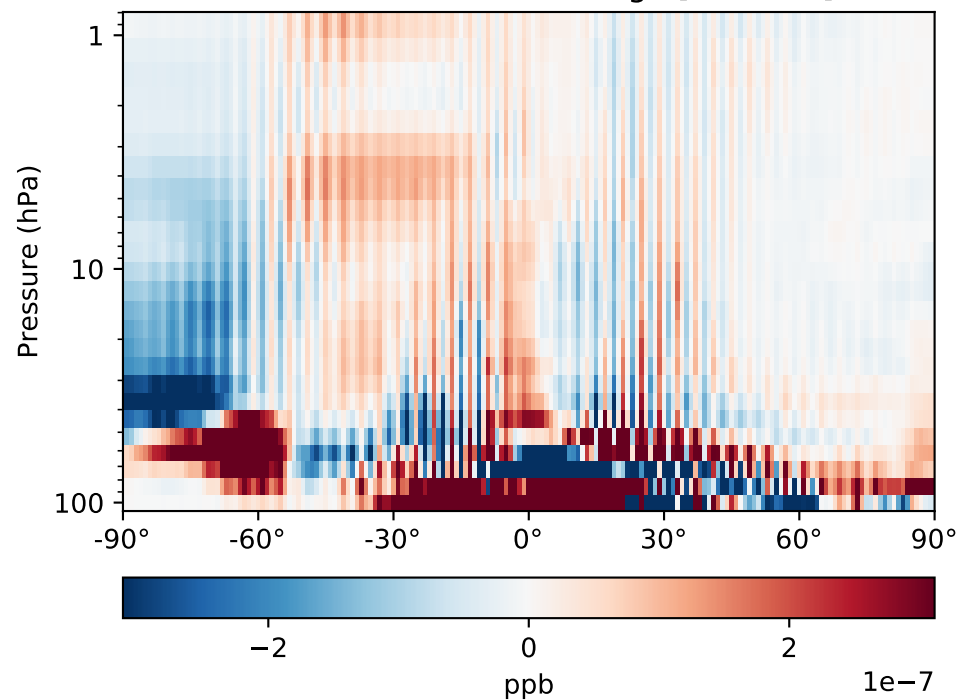
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



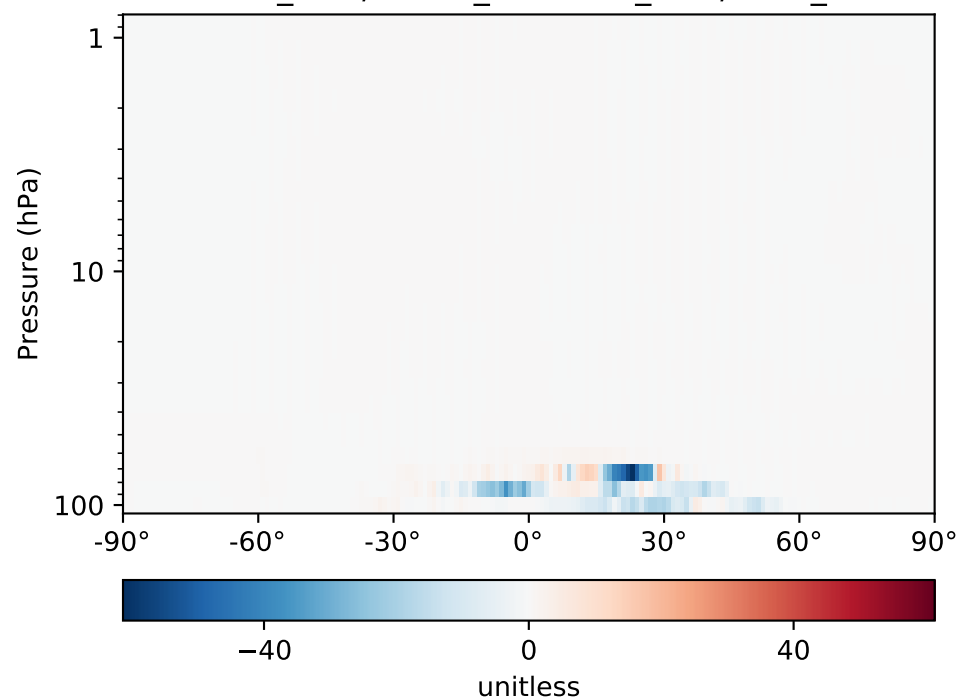
Difference (1x1.25)
Dev - Ref, Dynamic Range



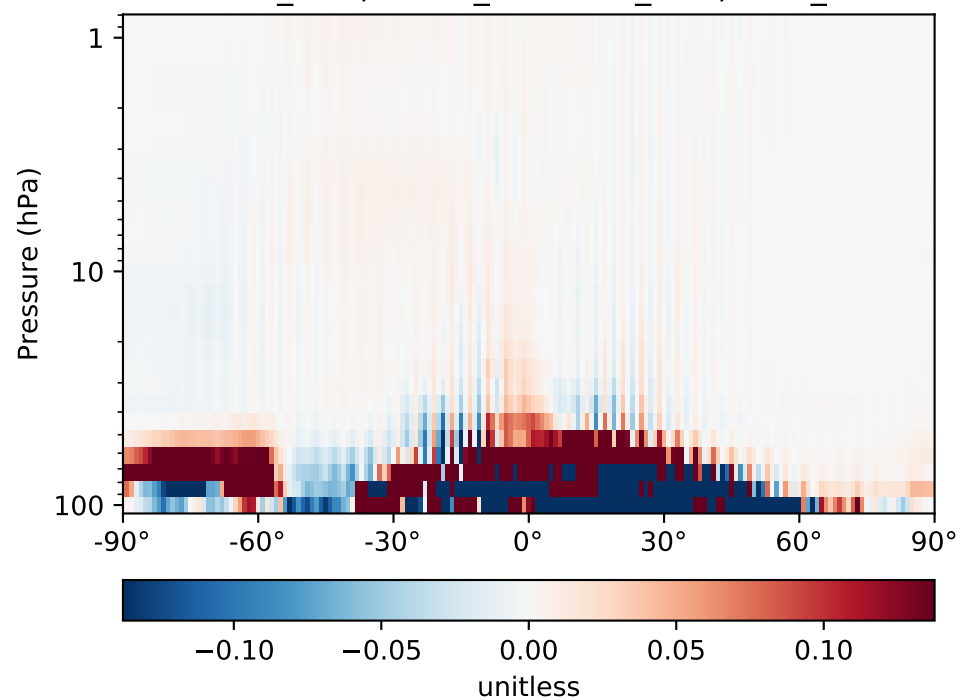
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



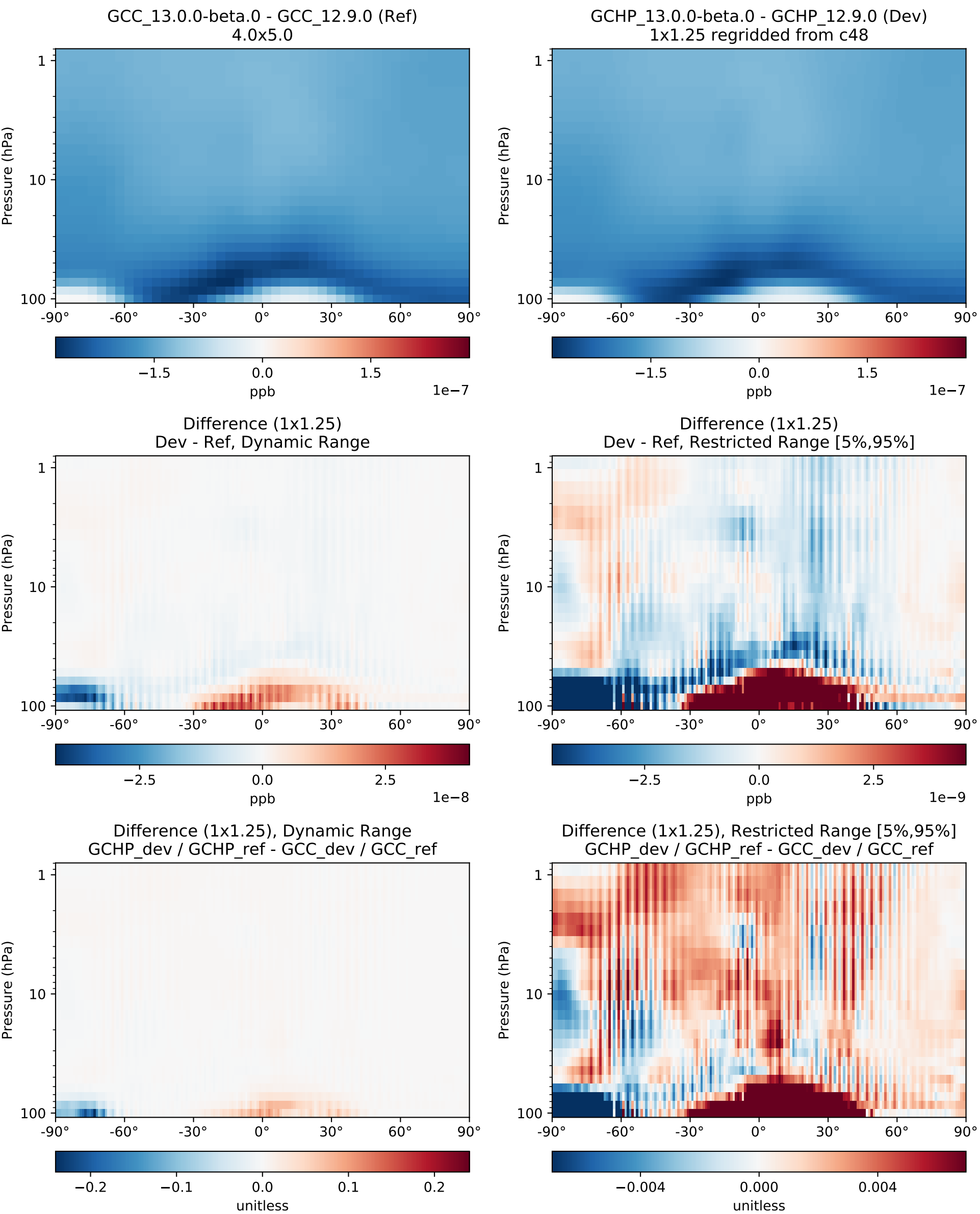
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

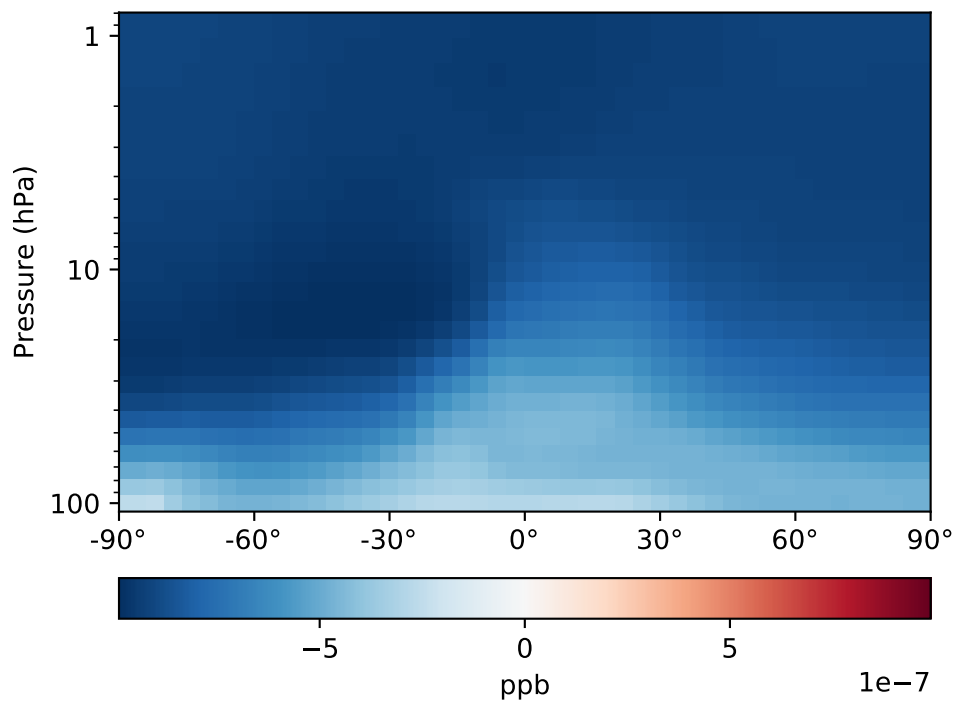


SpeciesConc_BrSALC, Zonal Mean

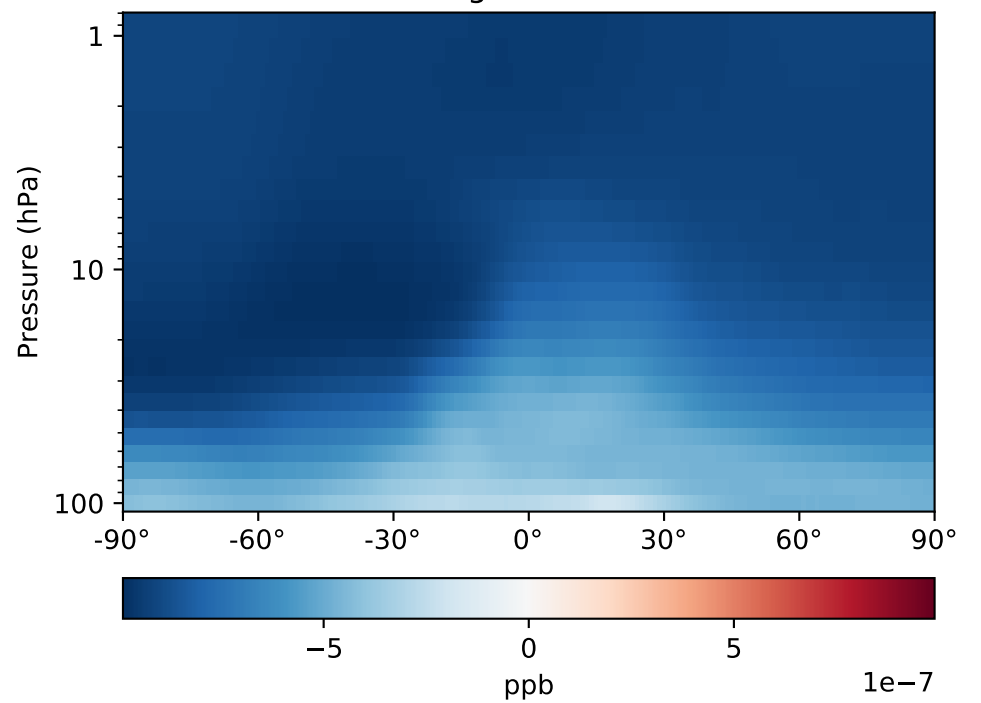


SpeciesConc_ISALA, Zonal Mean

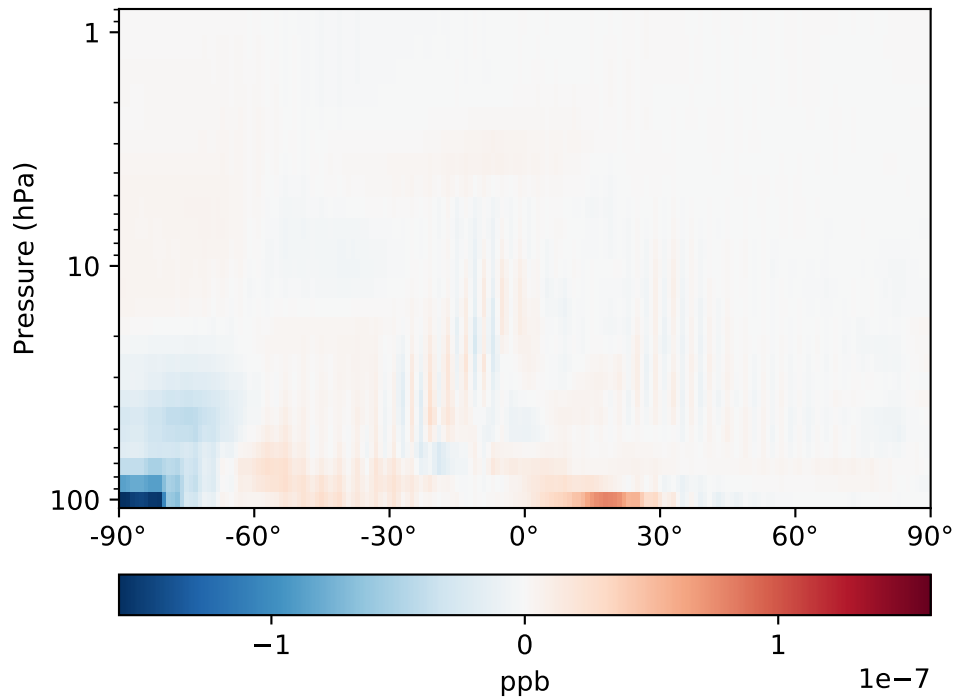
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



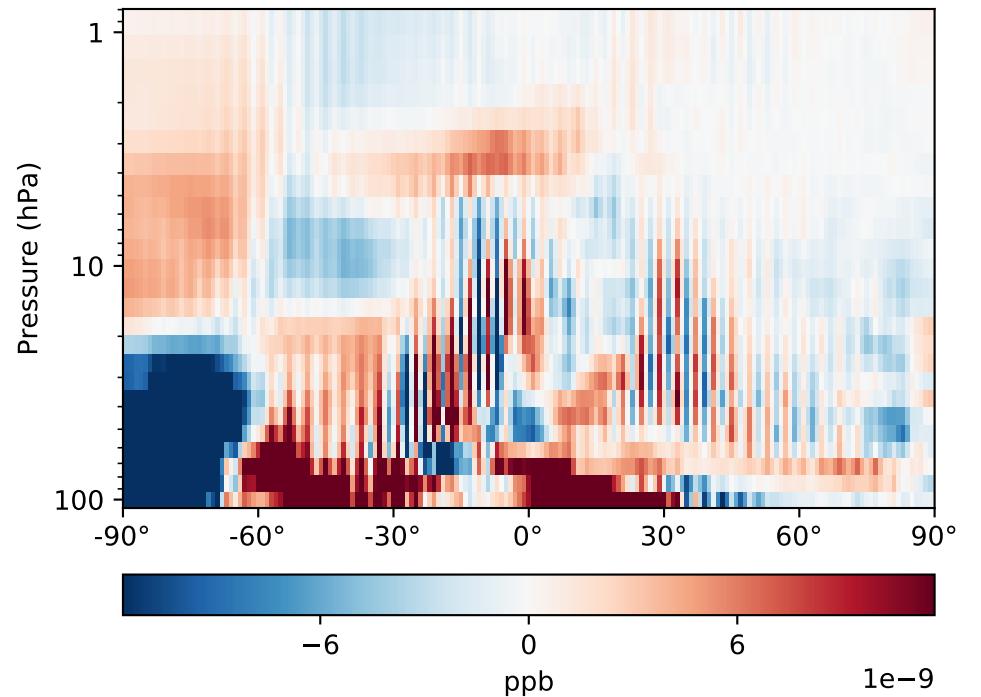
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



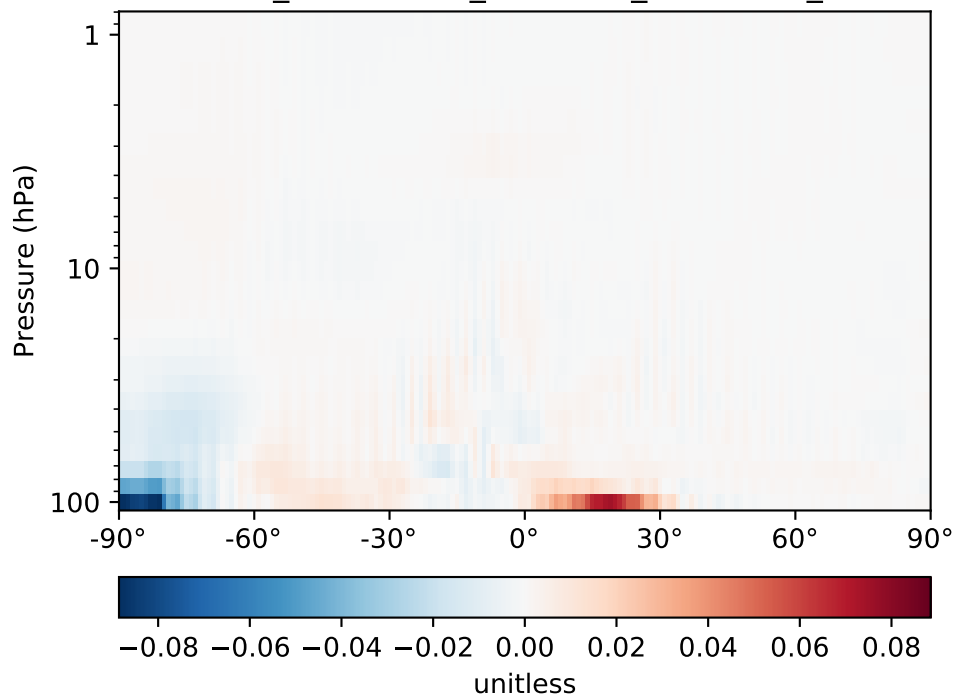
Difference (1x1.25)
Dev - Ref, Dynamic Range



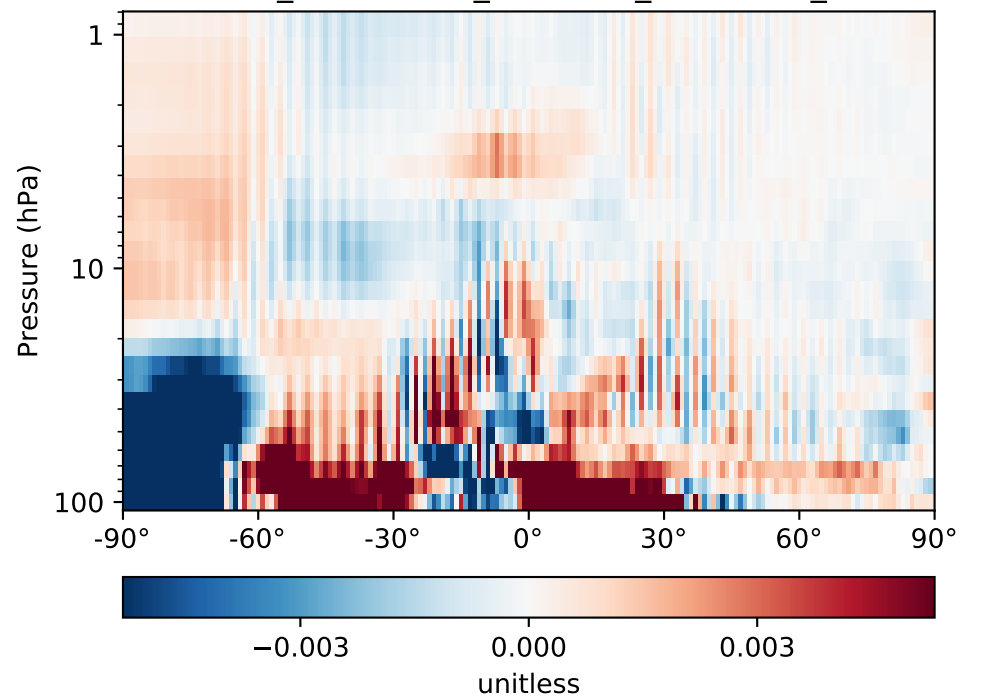
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

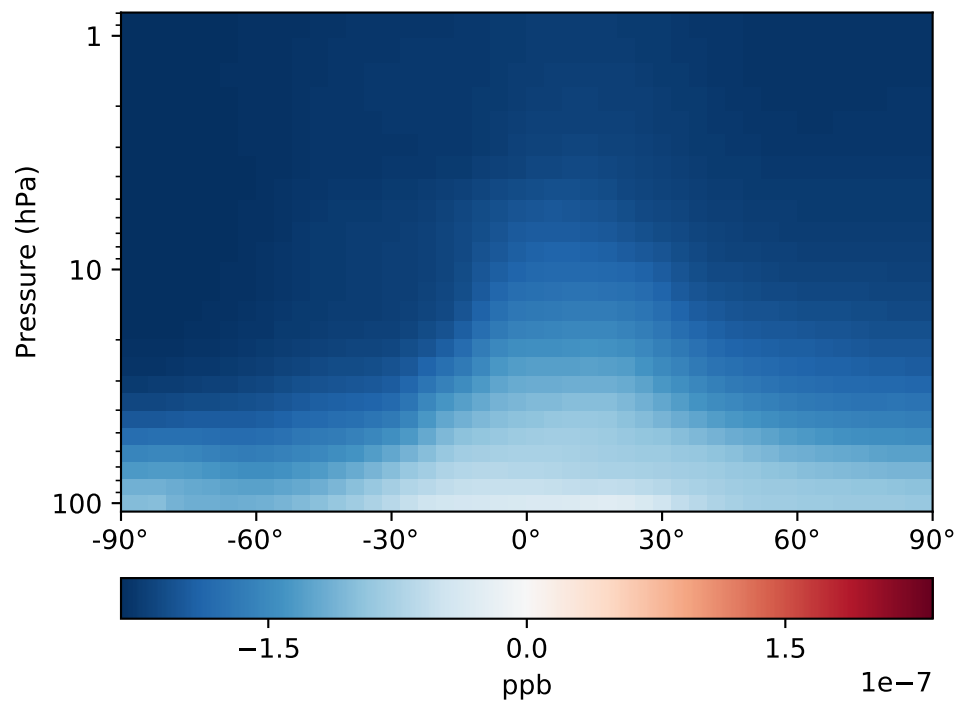


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

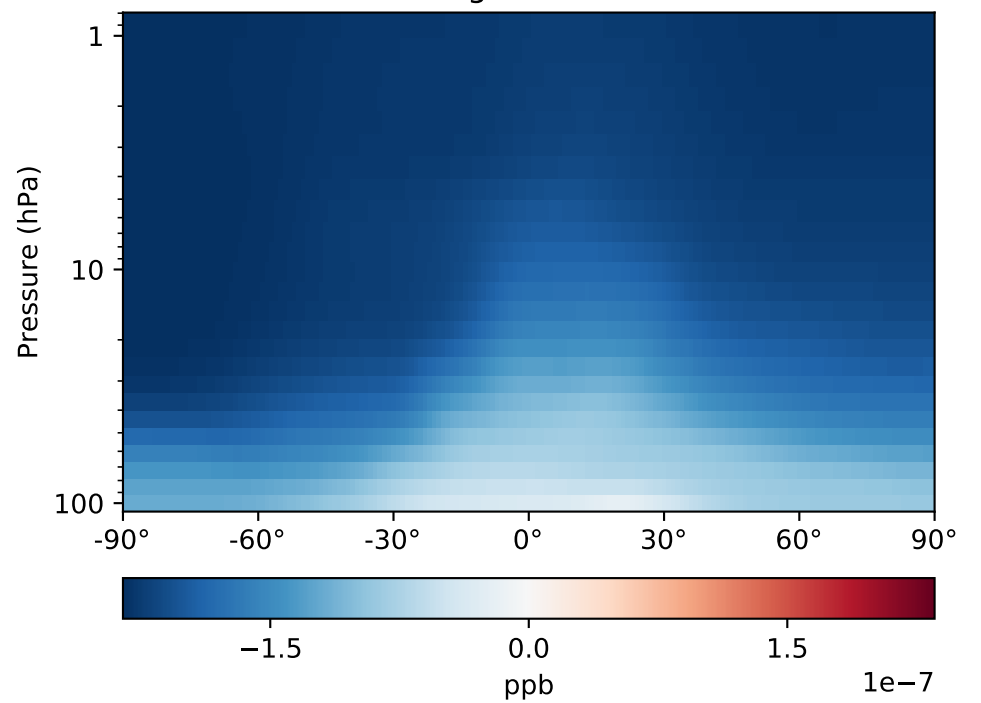


SpeciesConc_ISALC, Zonal Mean

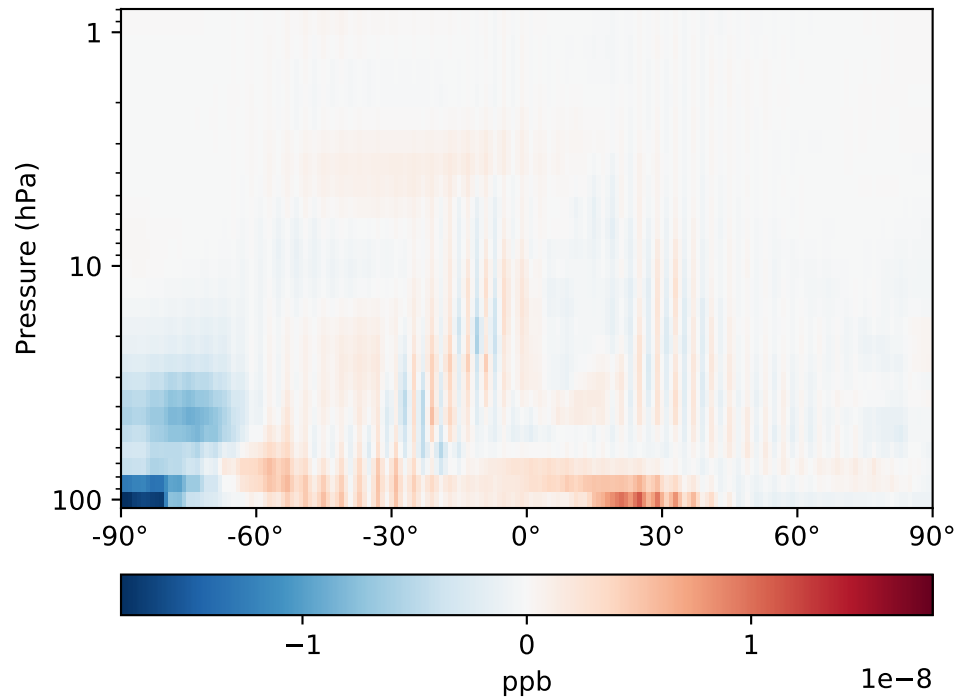
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



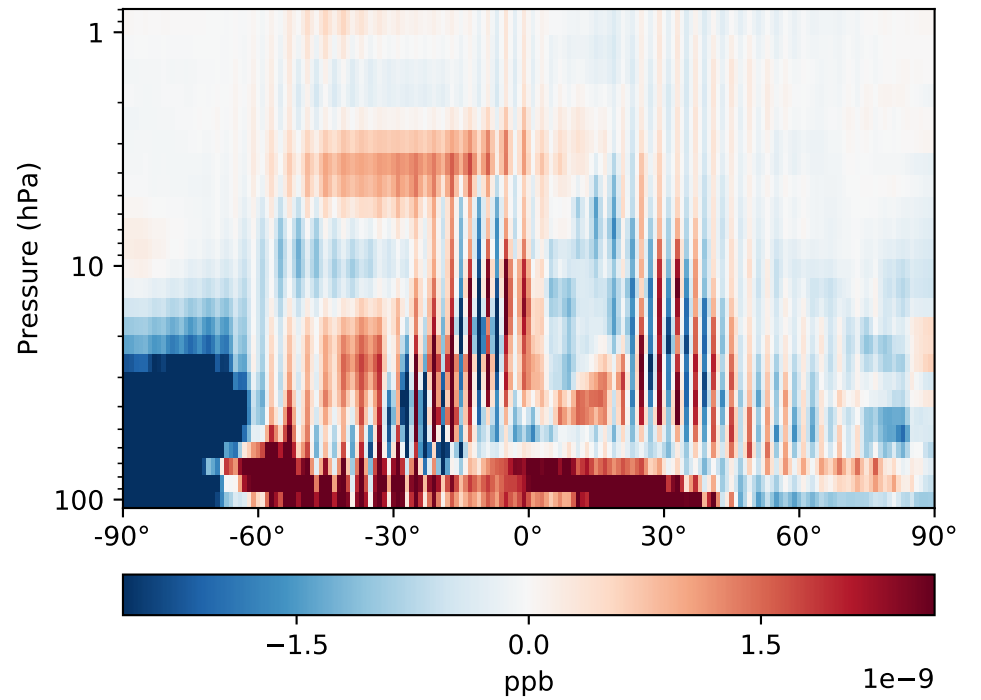
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



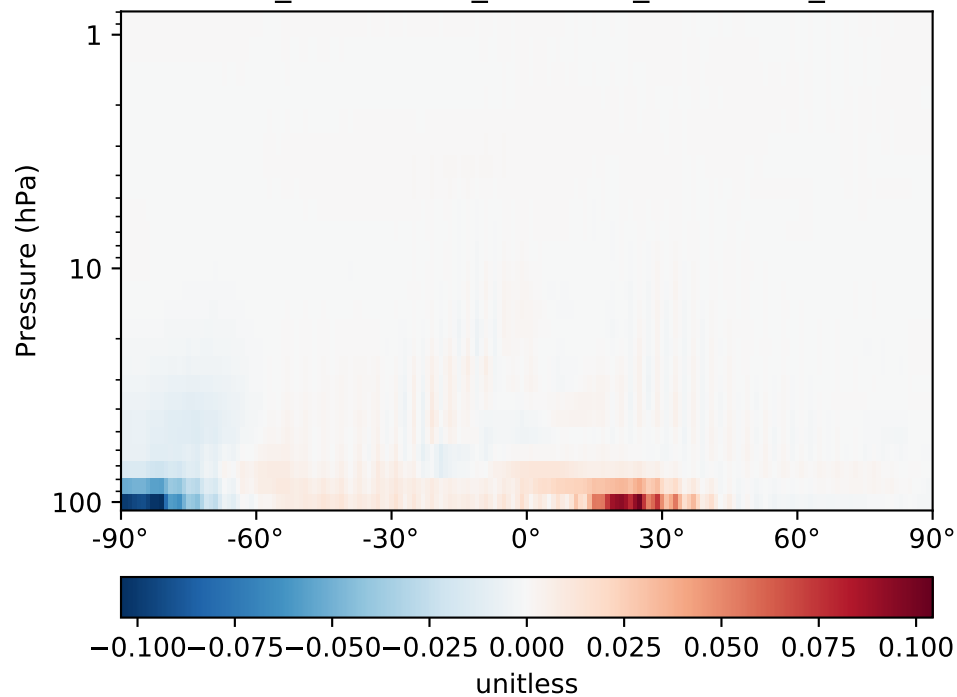
Difference (1x1.25)
Dev - Ref, Dynamic Range



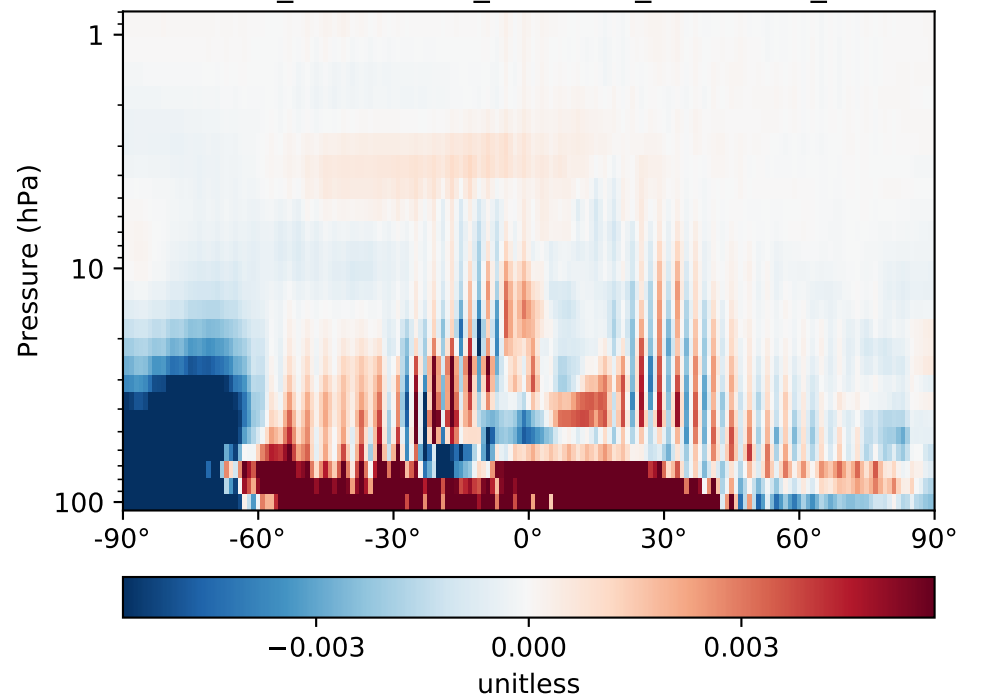
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

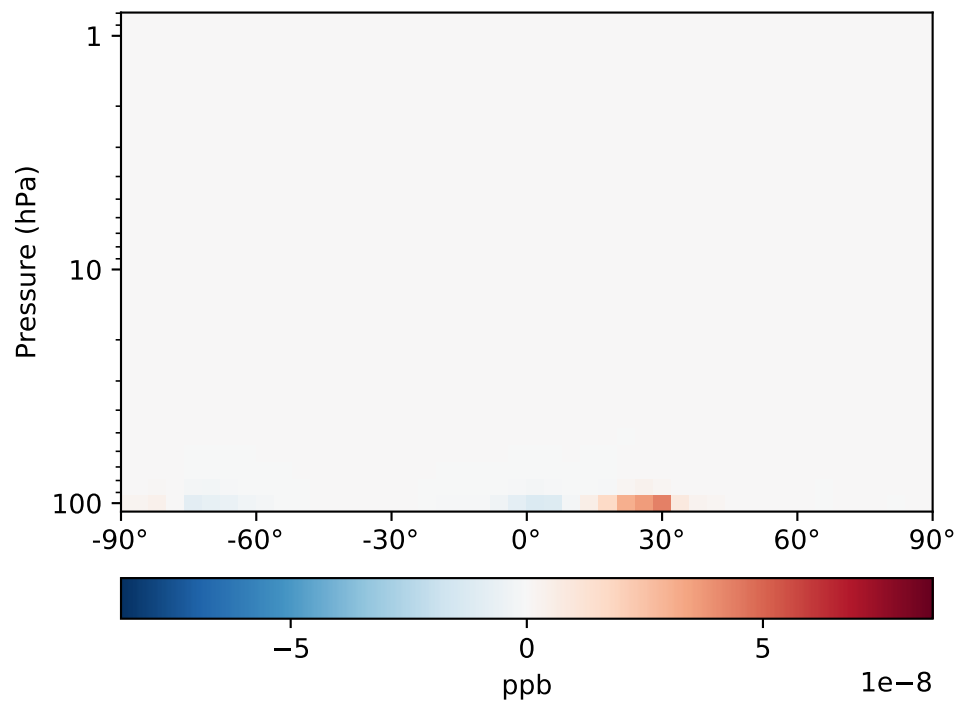


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

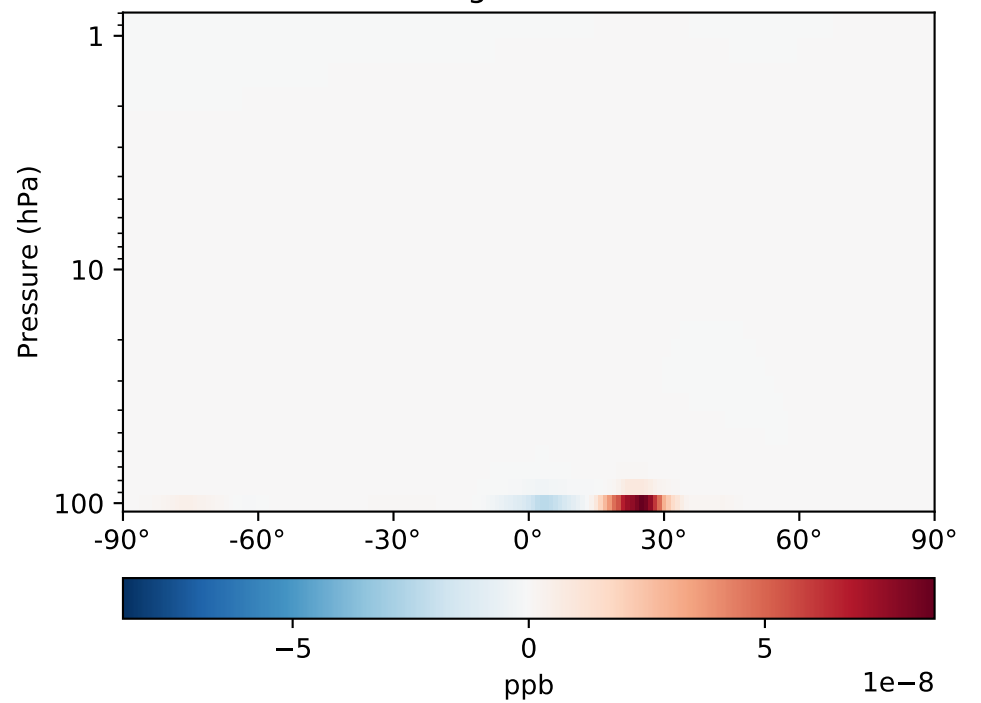


SpeciesConc_NITs, Zonal Mean

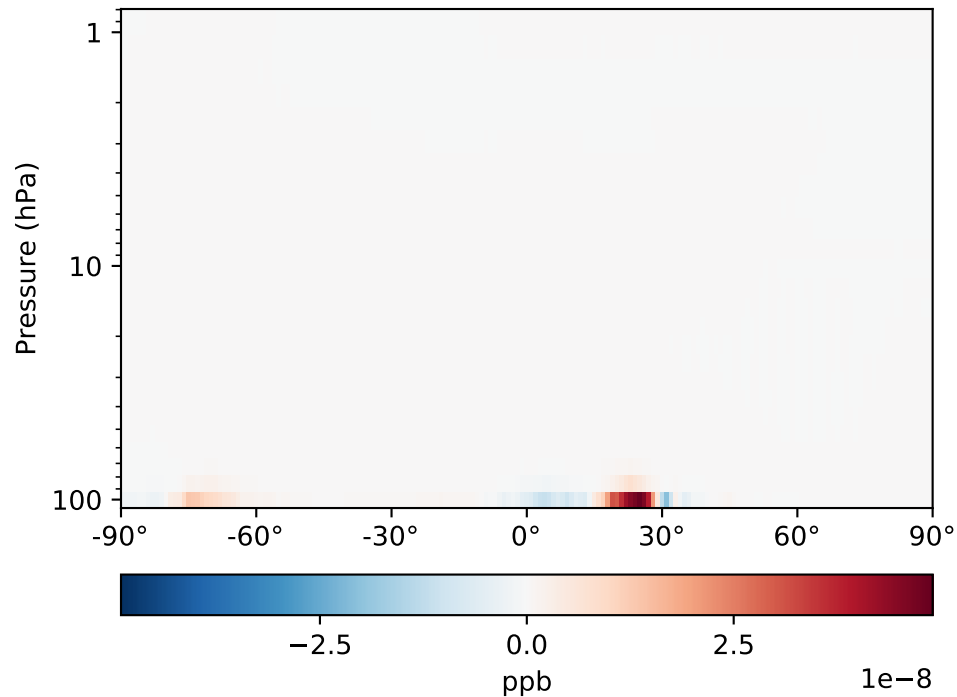
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



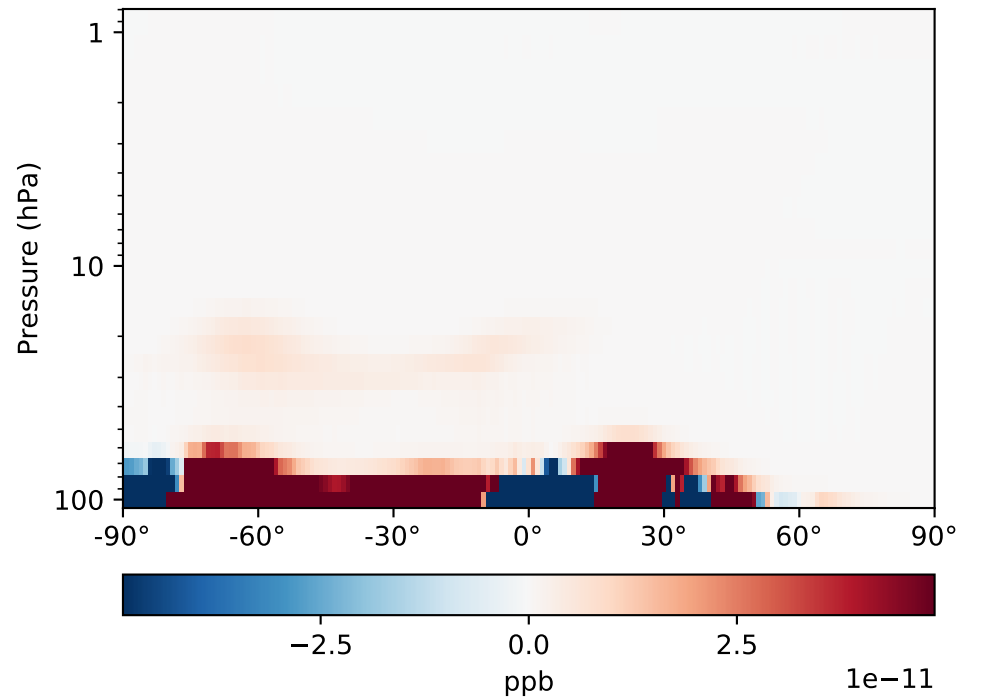
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



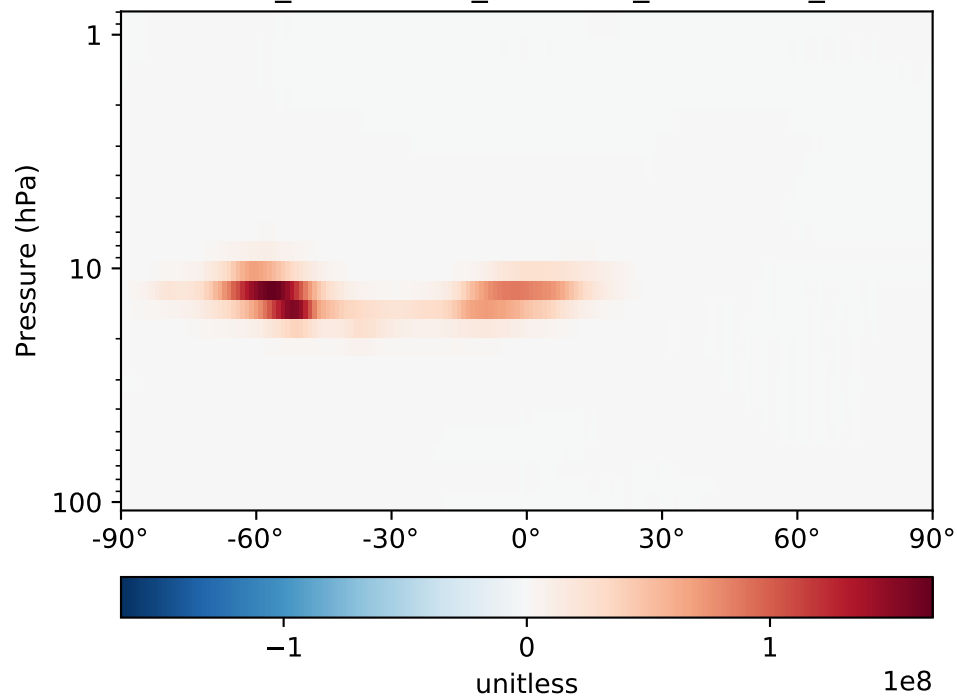
Difference (1x1.25)
Dev - Ref, Dynamic Range



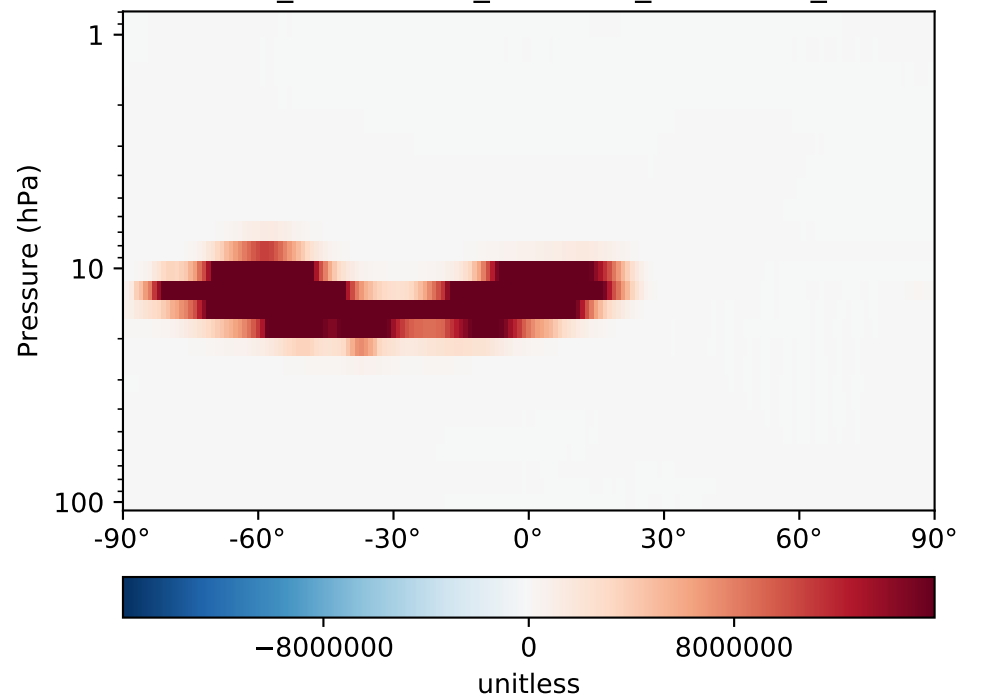
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

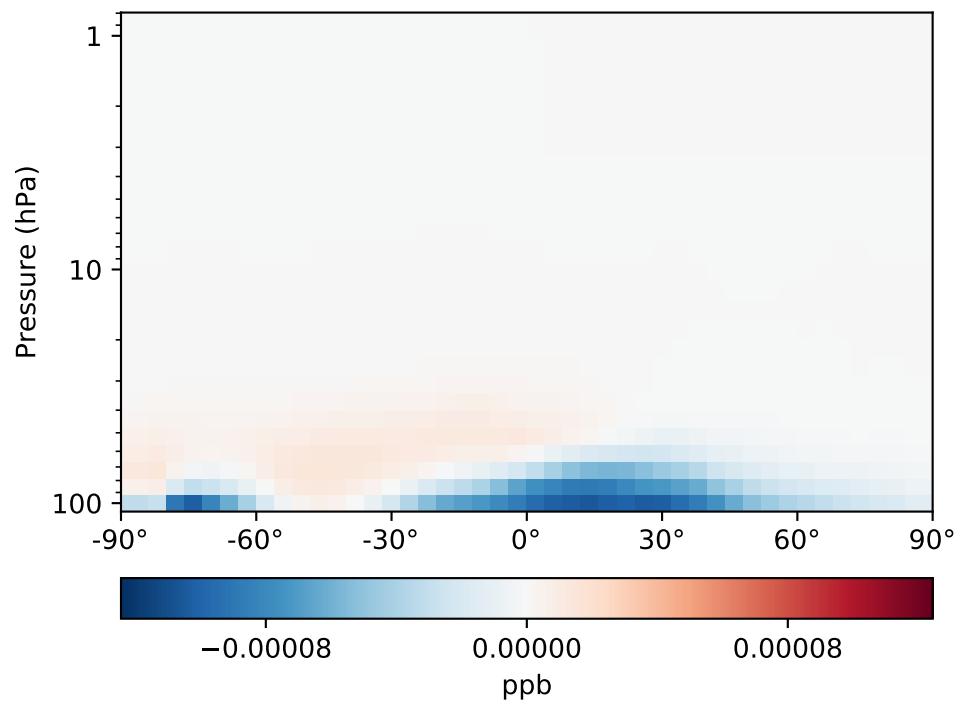


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

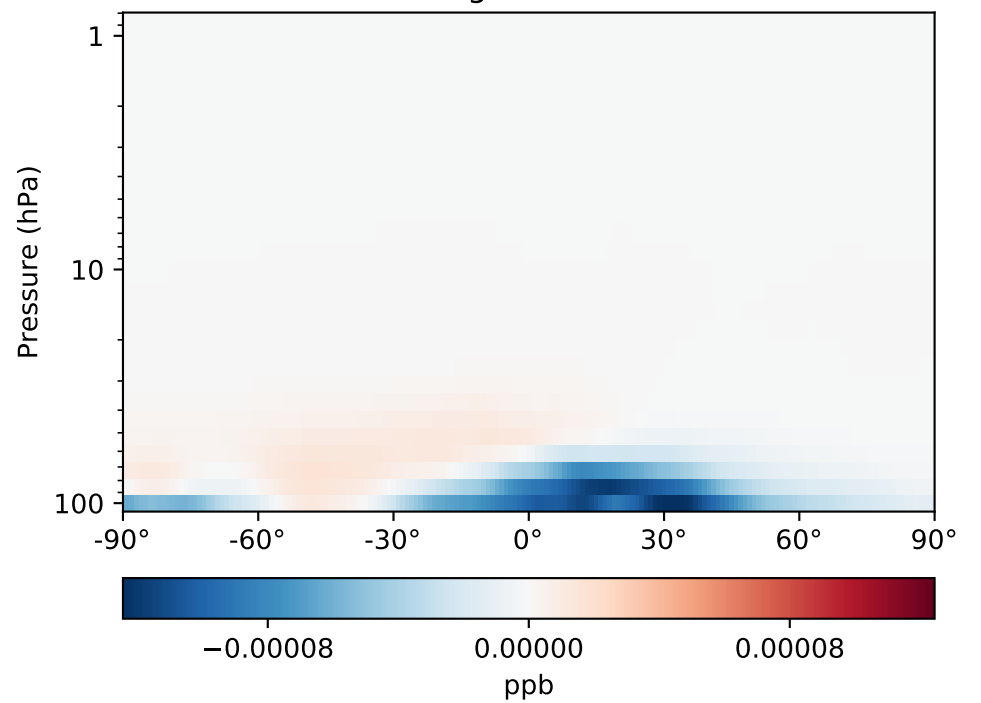


SpeciesConc_SALA, Zonal Mean

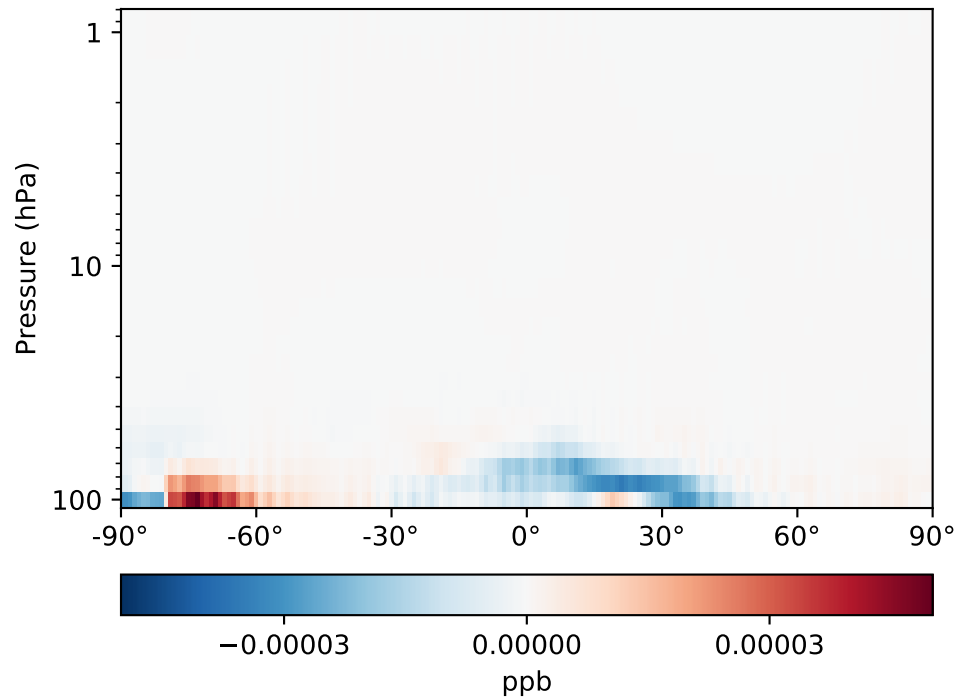
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



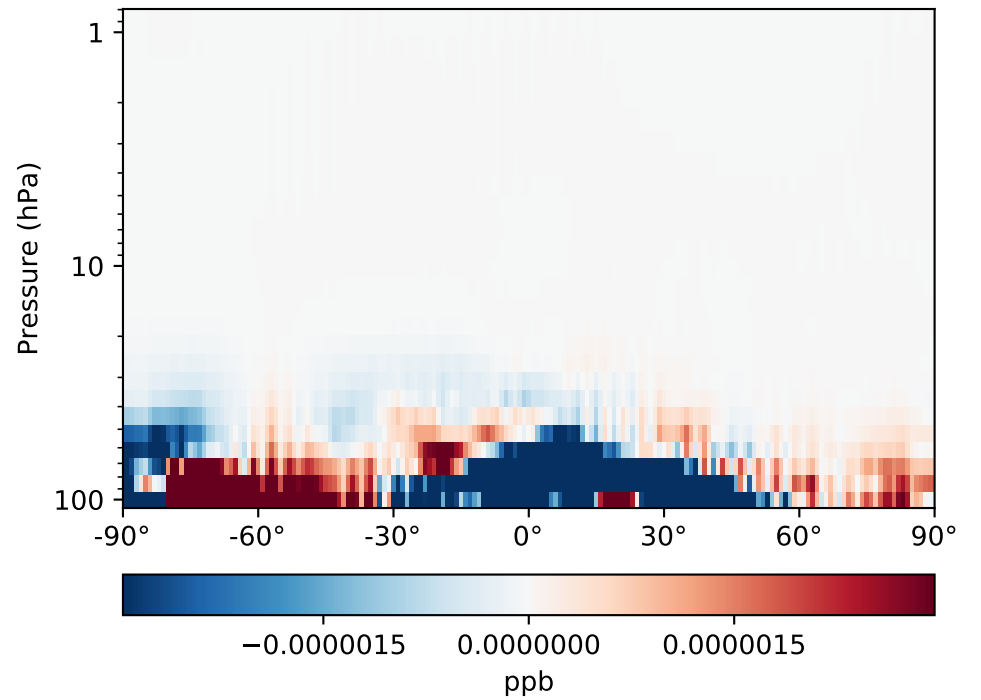
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



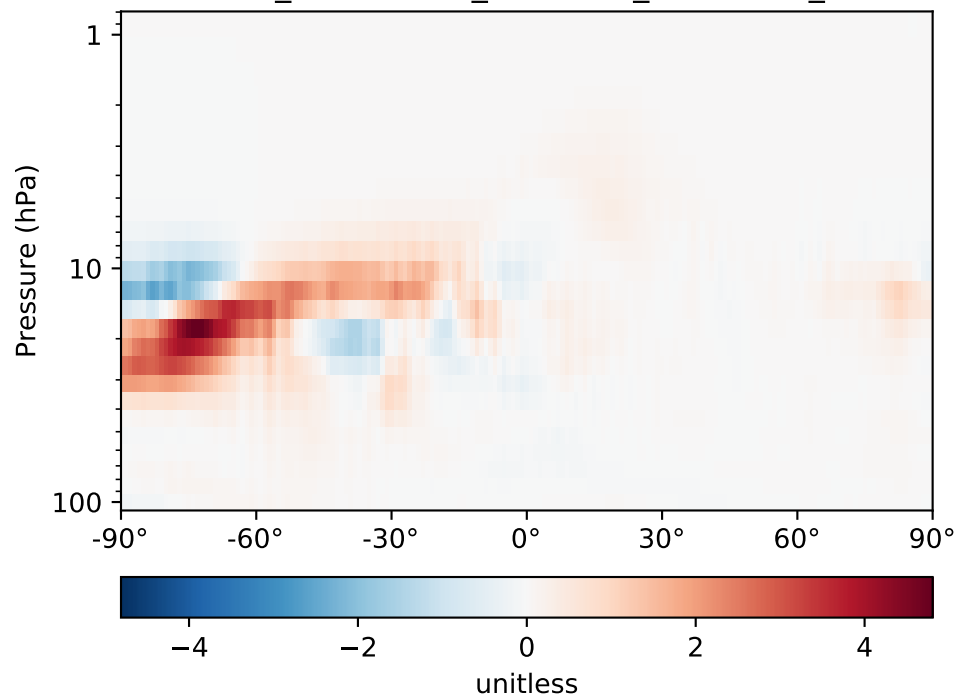
Difference (1x1.25)
Dev - Ref, Dynamic Range



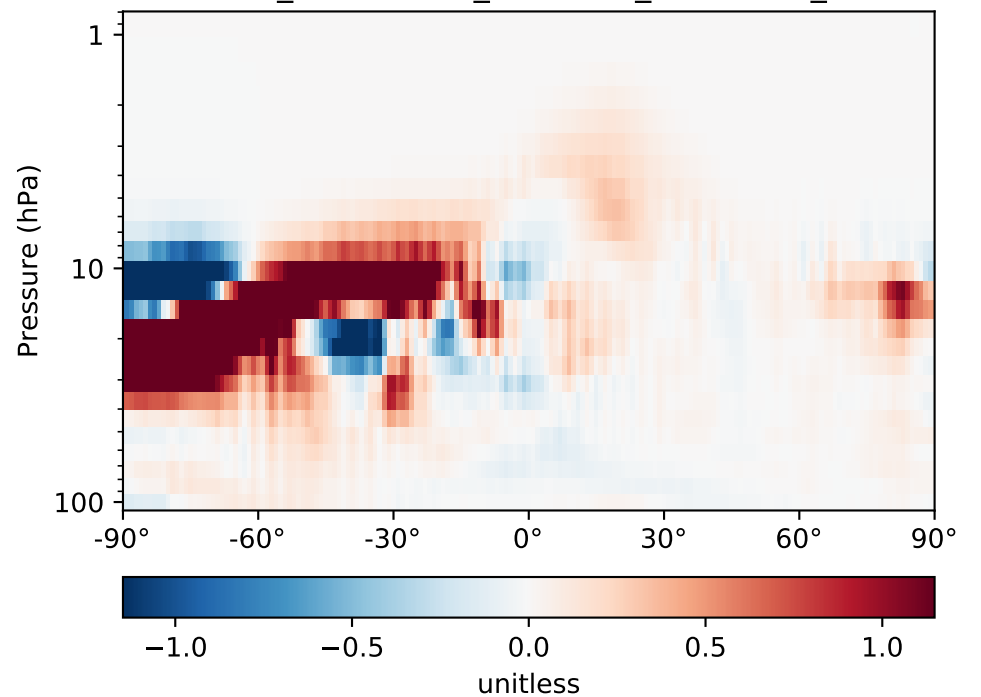
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



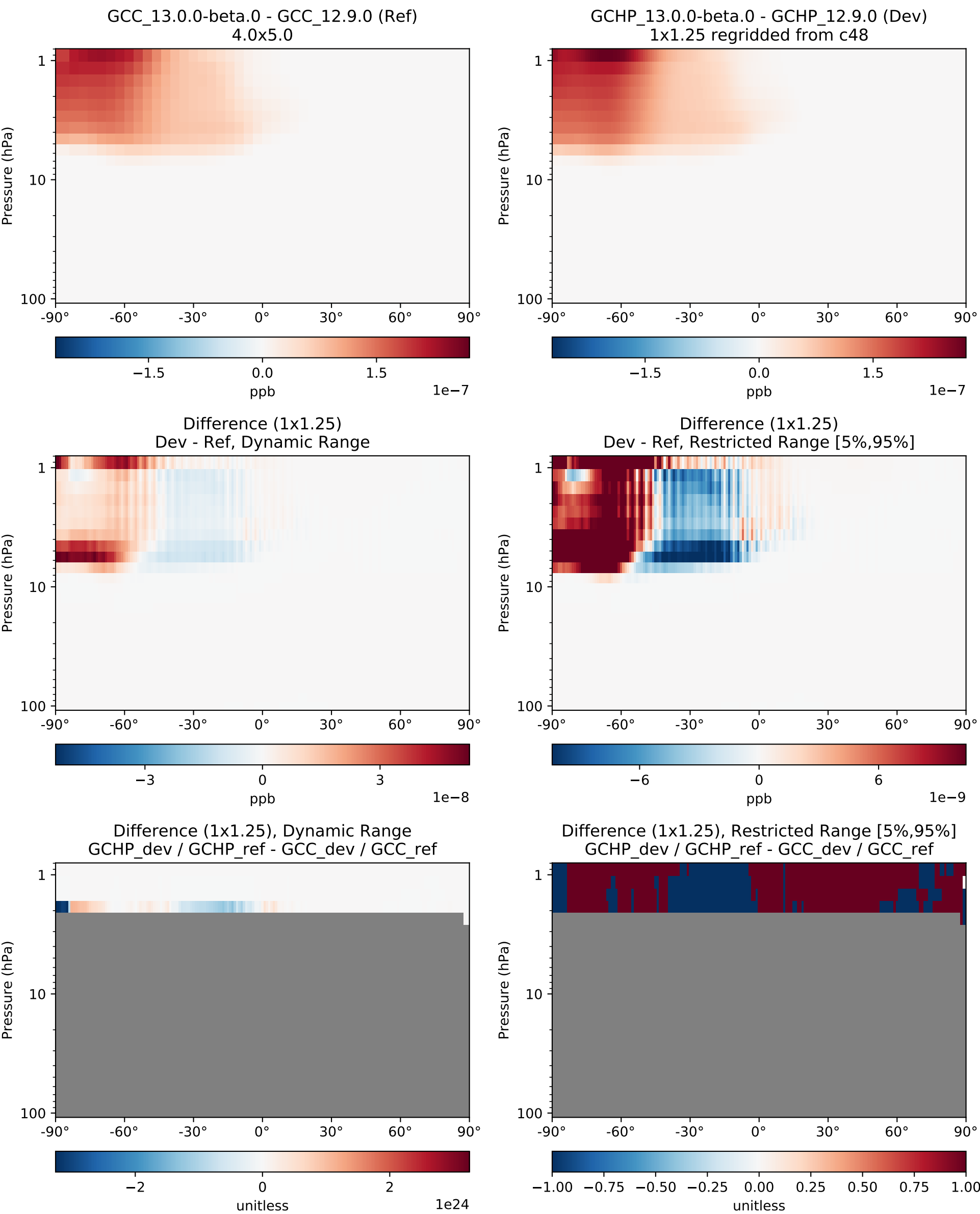
Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



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

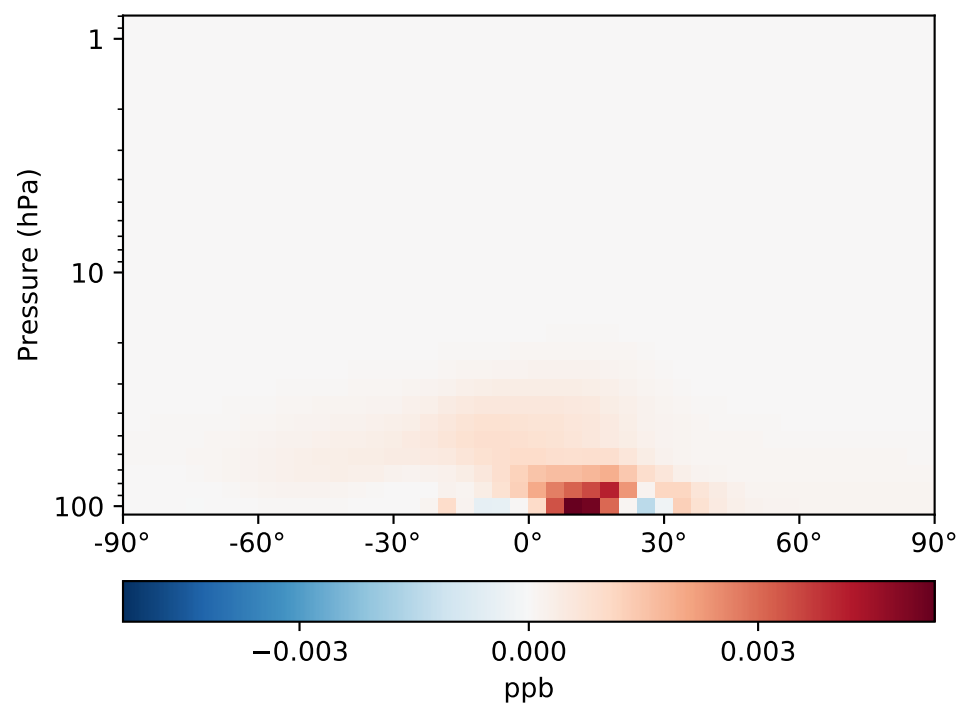


SpeciesConc_SALAAL, Zonal Mean

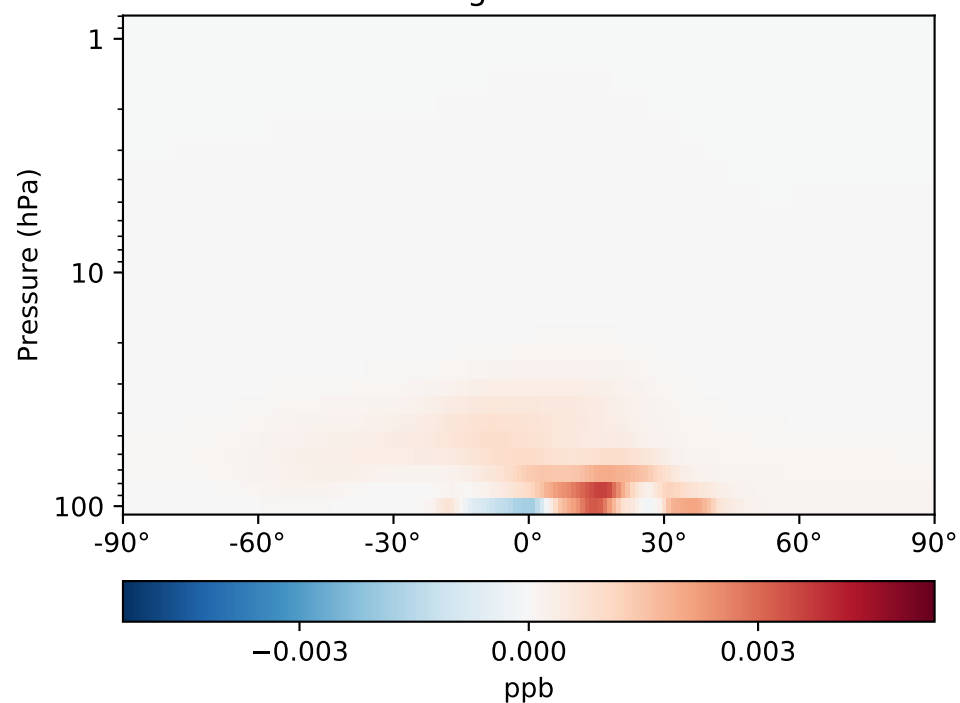


SpeciesConc_SALACL, Zonal Mean

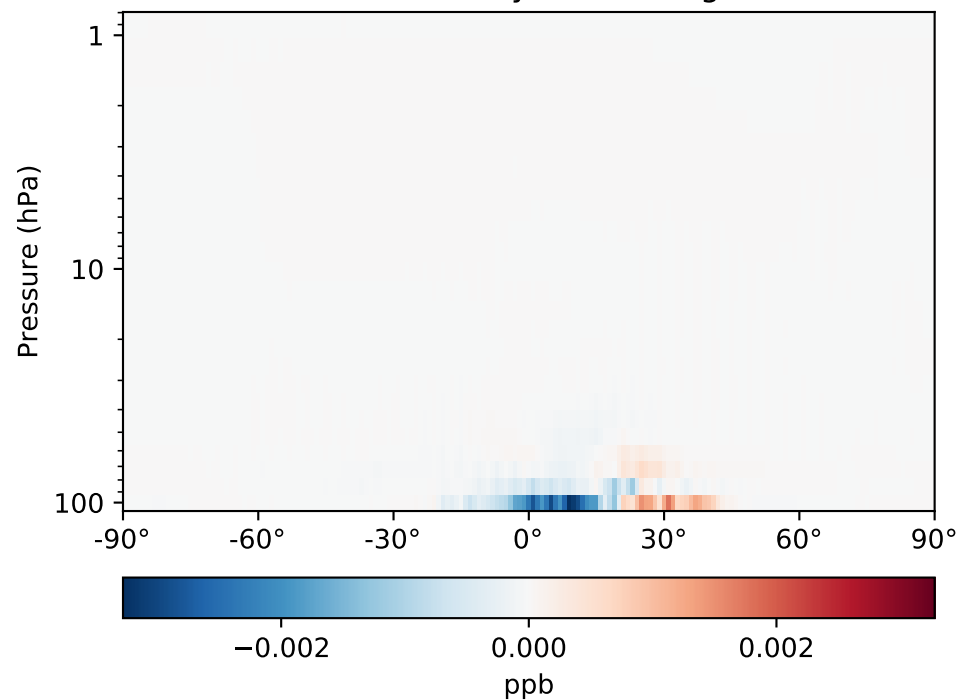
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



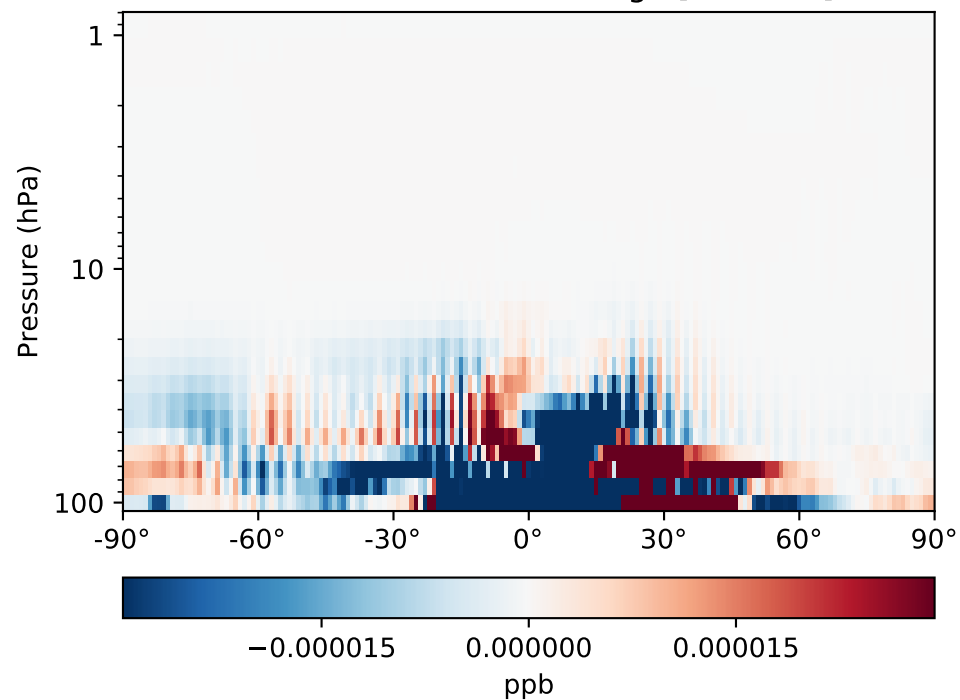
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



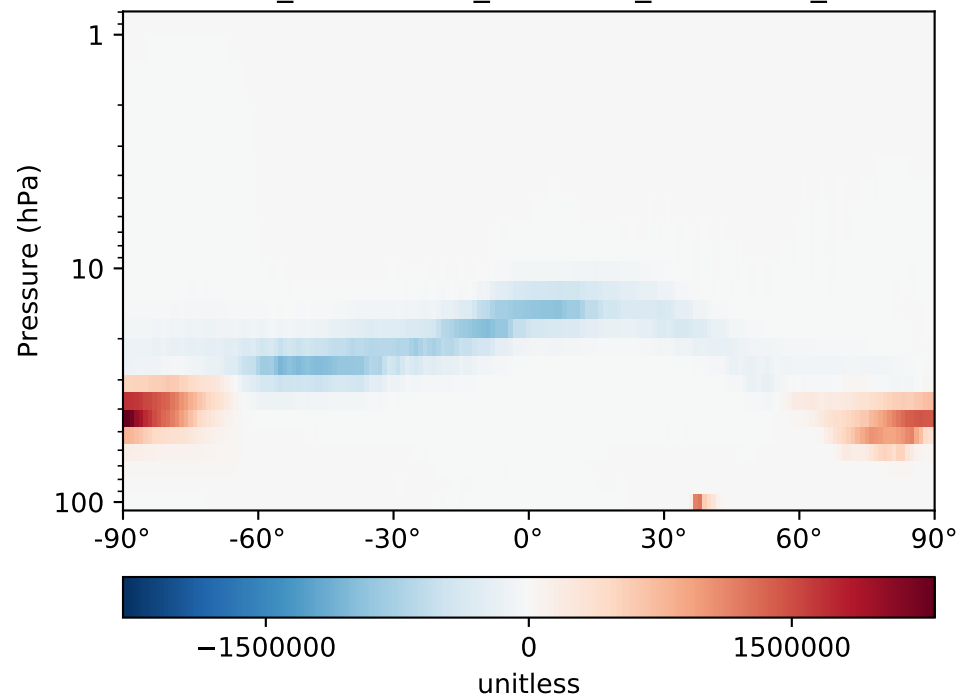
Difference (1x1.25)
Dev - Ref, Dynamic Range



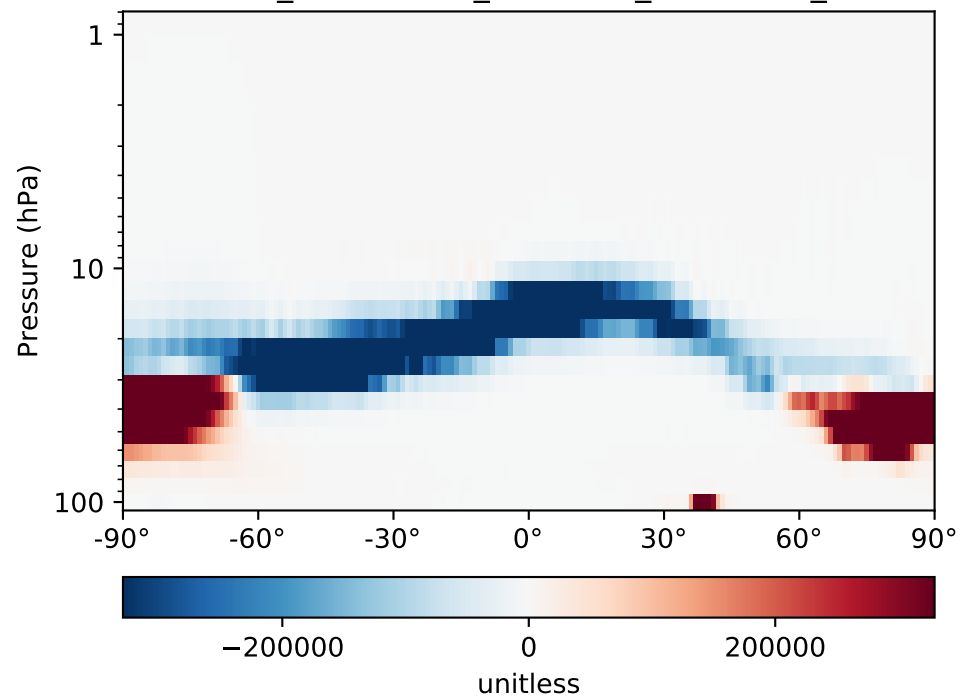
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

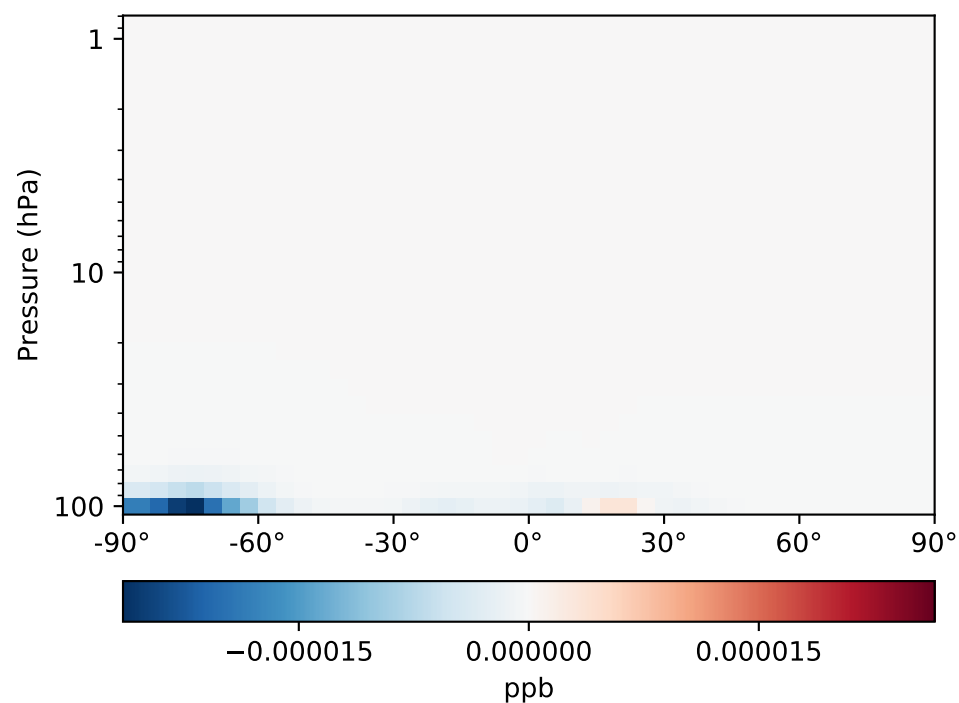


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

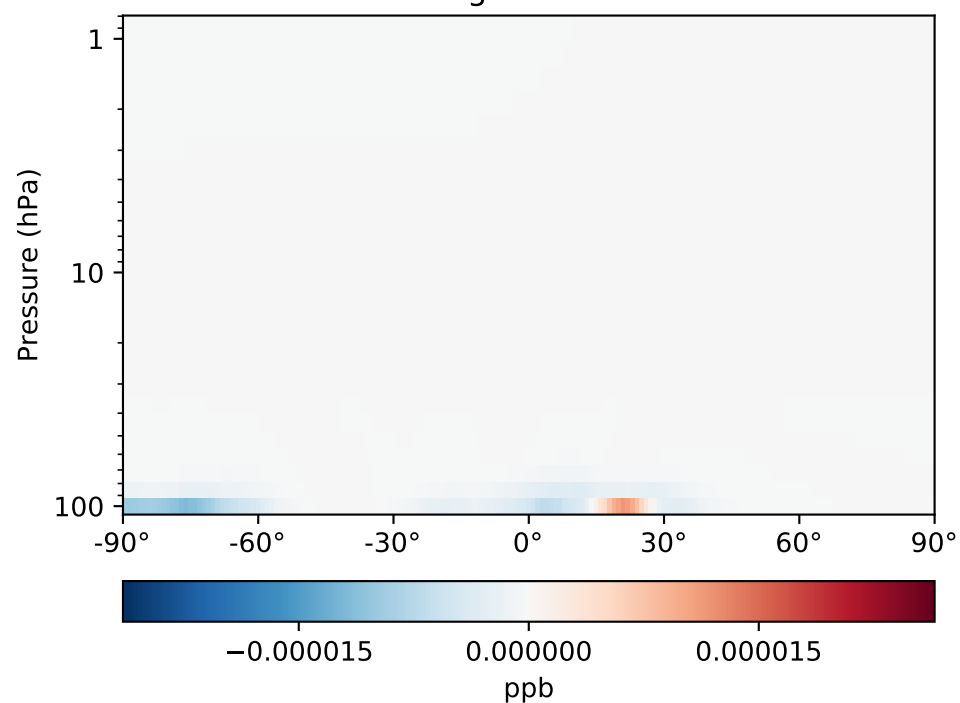


SpeciesConc_SALC, Zonal Mean

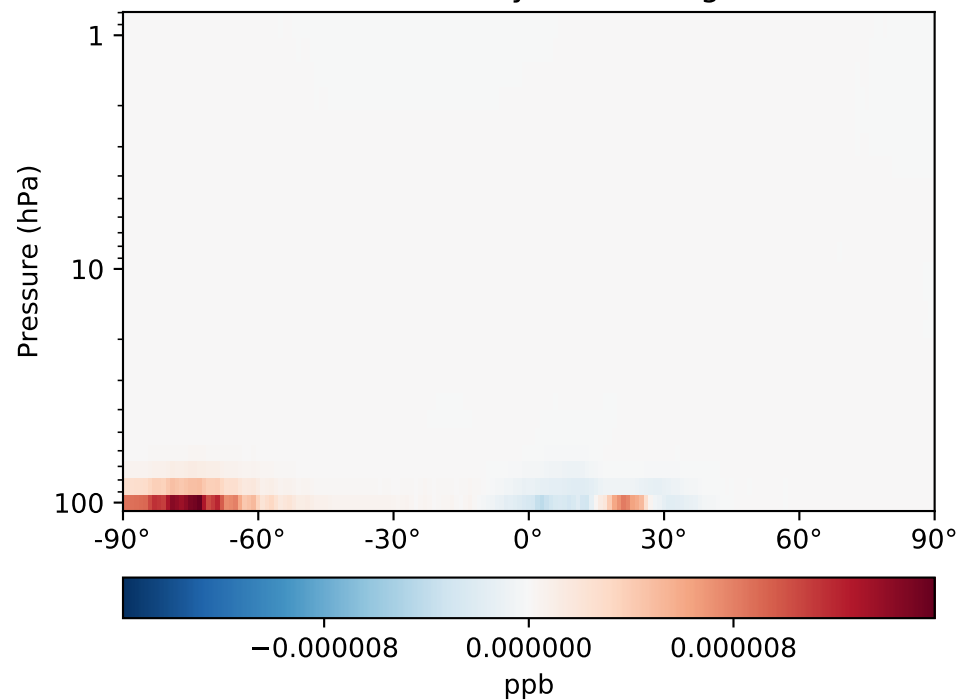
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



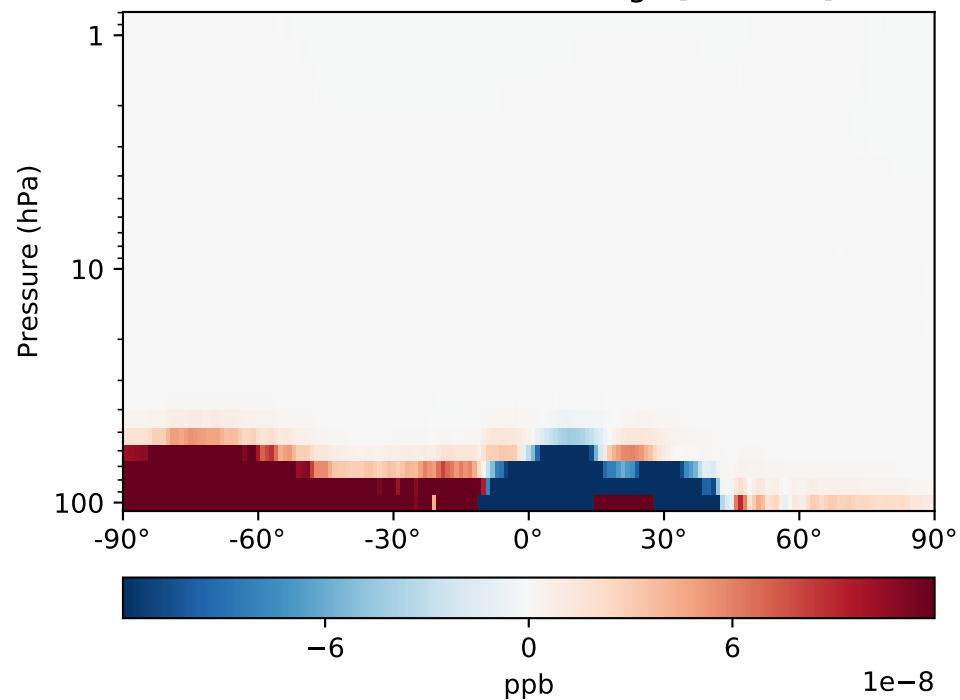
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



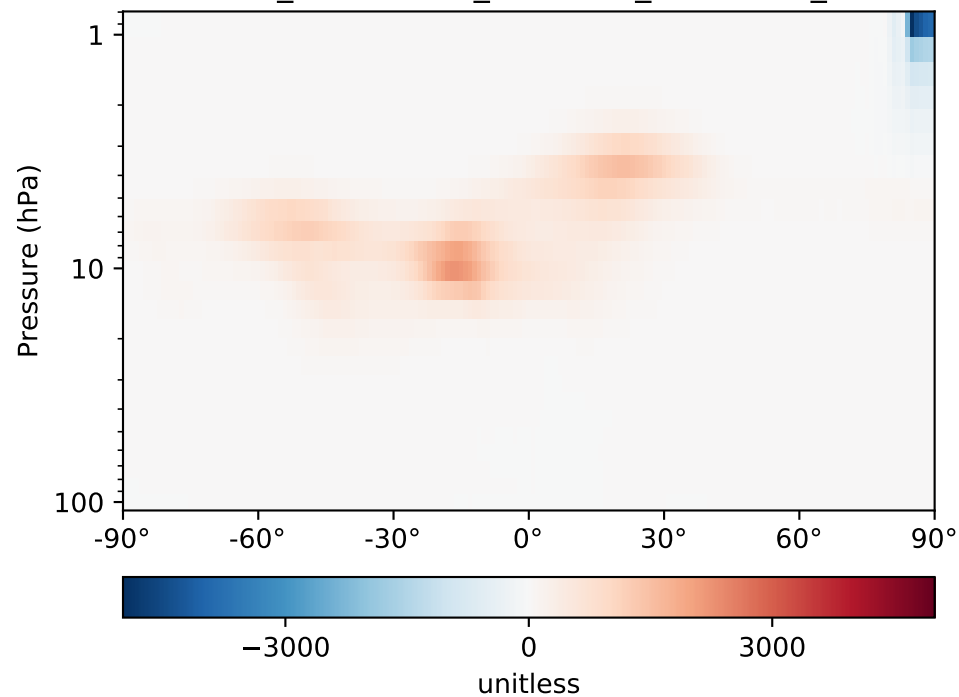
Difference (1x1.25)
Dev - Ref, Dynamic Range



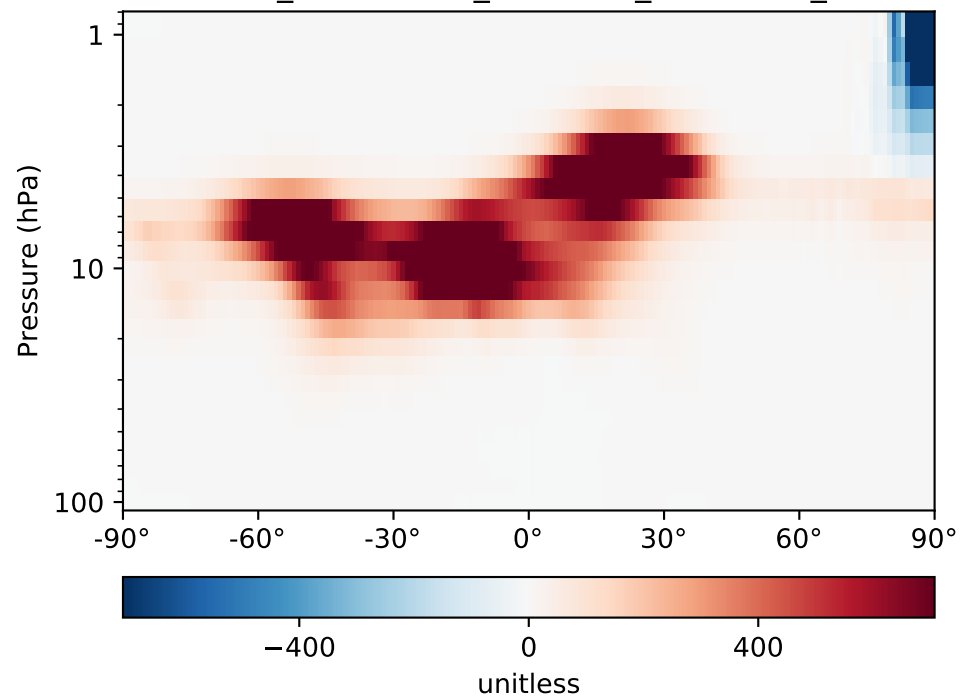
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



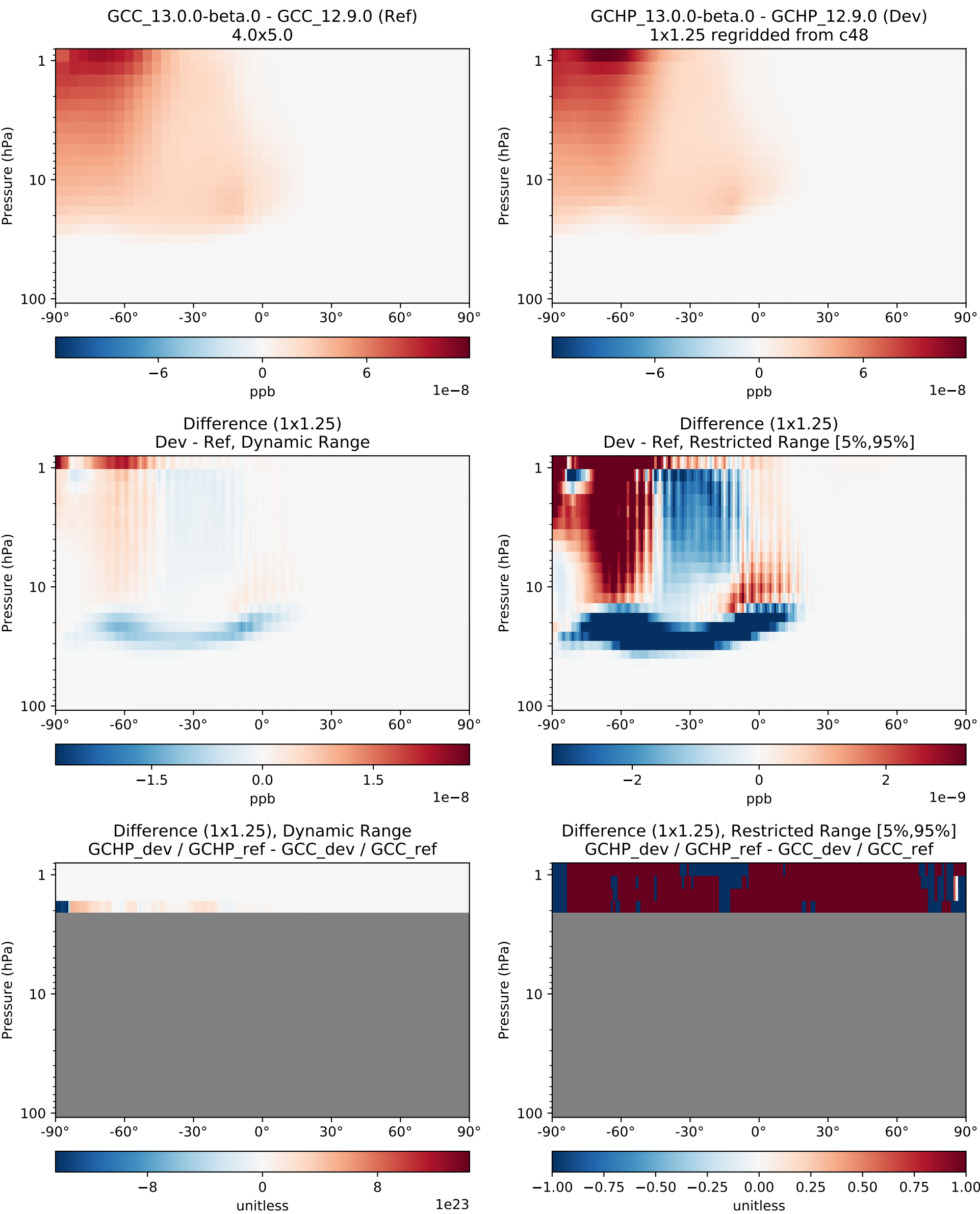
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



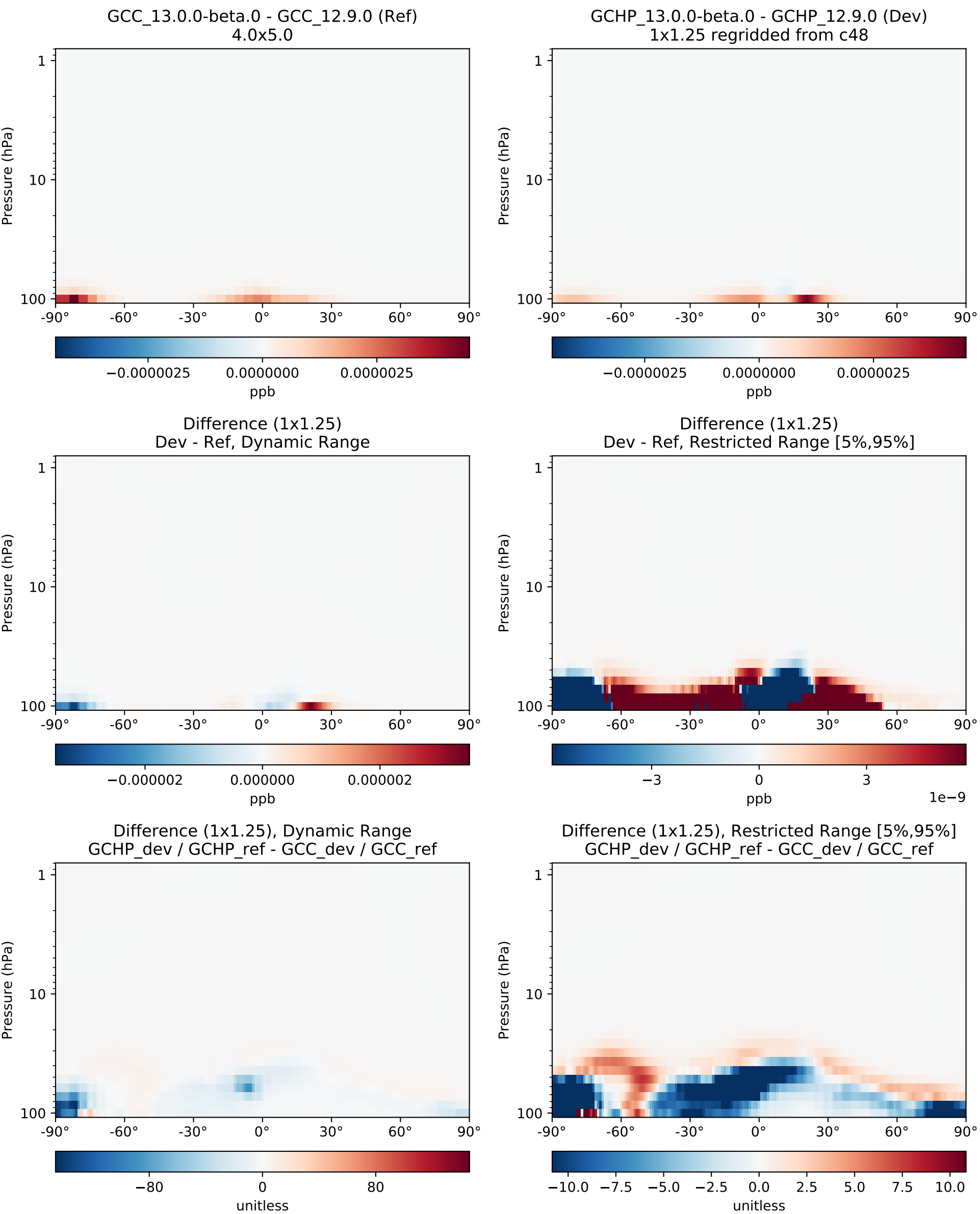
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



SpeciesConc_SALCAL, Zonal Mean

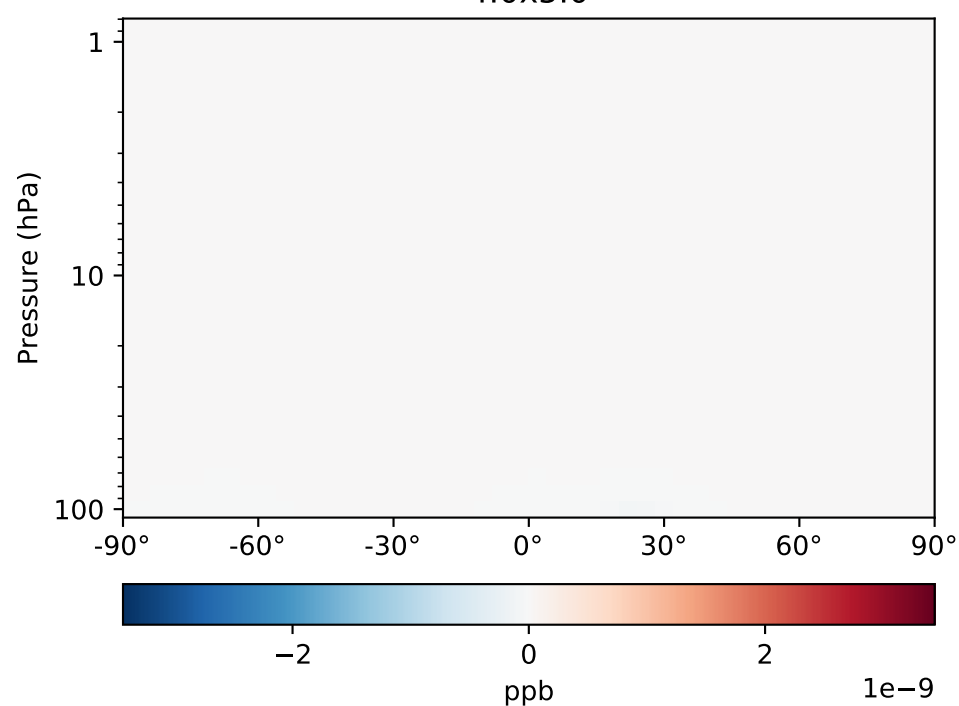


SpeciesConc_SALCCL, Zonal Mean

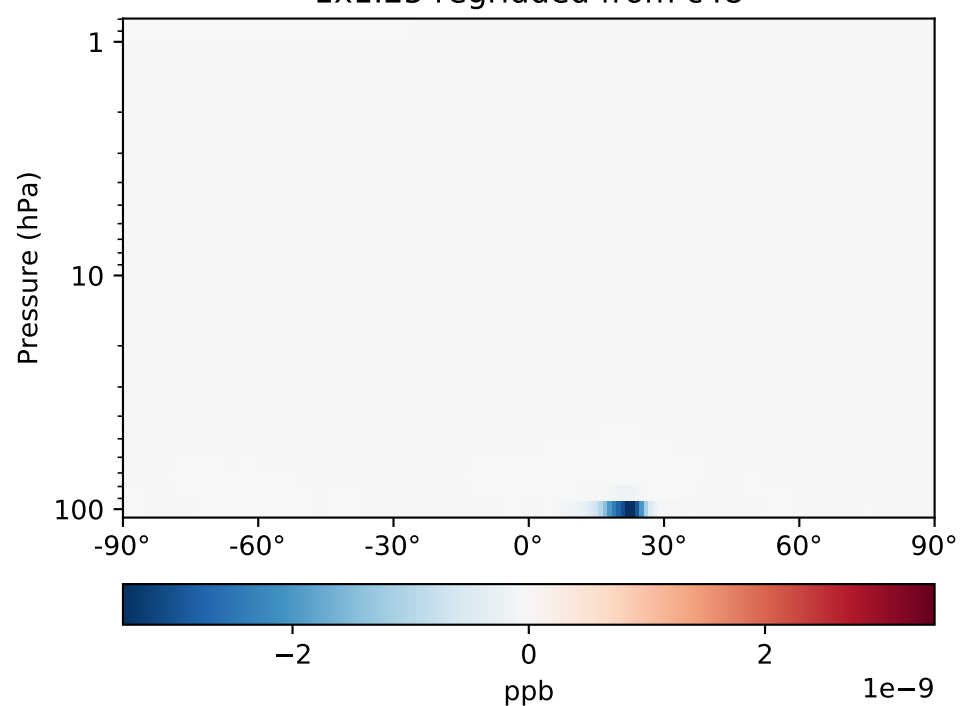


SpeciesConc_SO4s, Zonal Mean

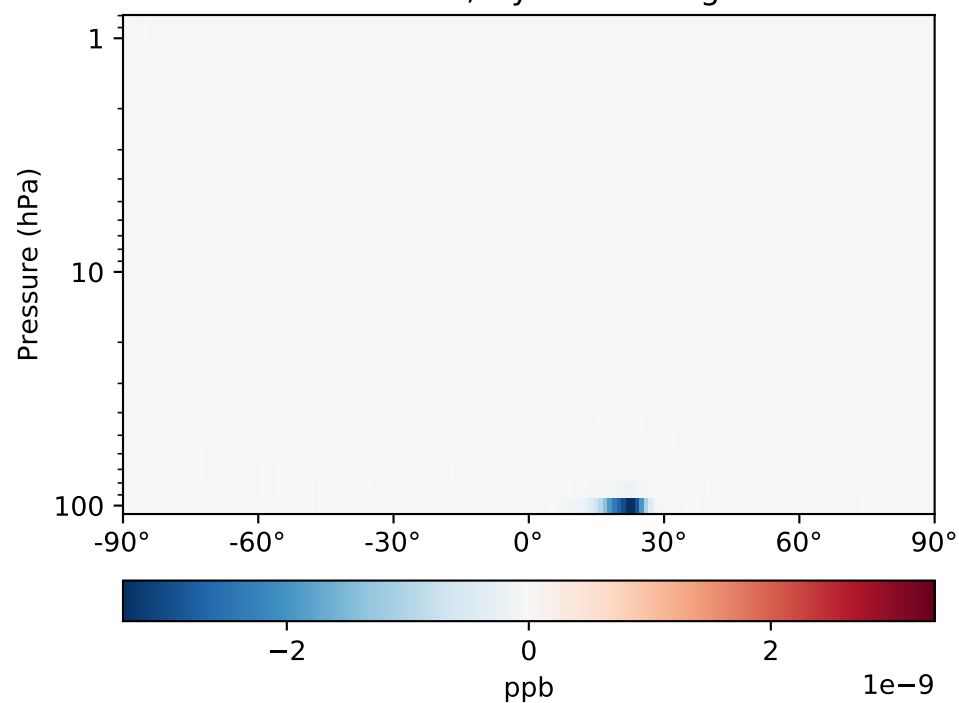
GCC_13.0.0-beta.0 - GCC_12.9.0 (Ref)
4.0x5.0



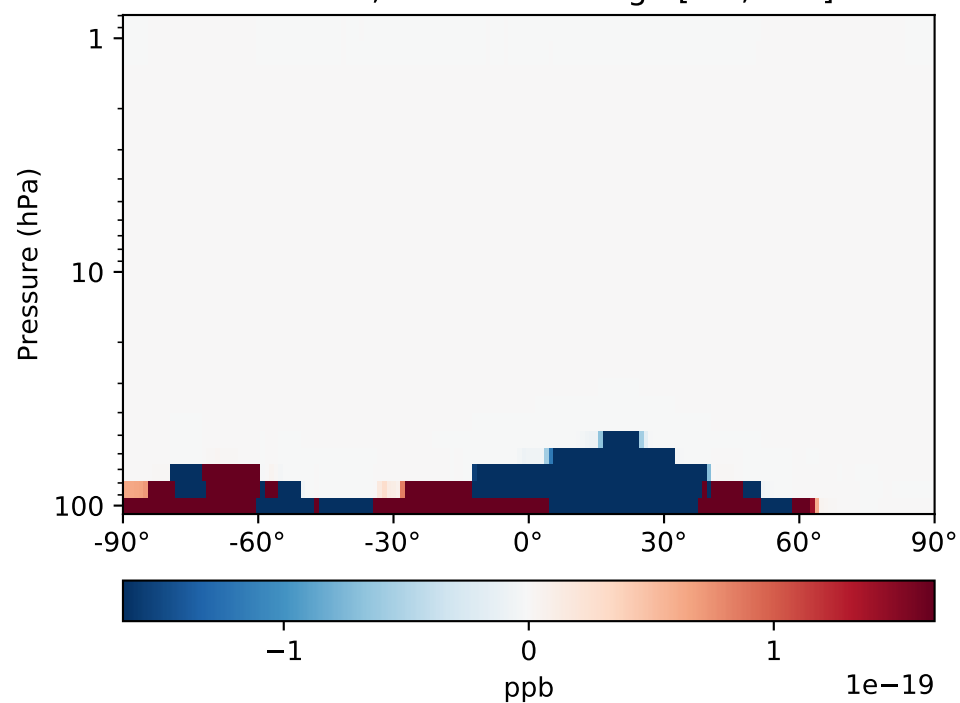
GCHP_13.0.0-beta.0 - GCHP_12.9.0 (Dev)
1x1.25 regrided from c48



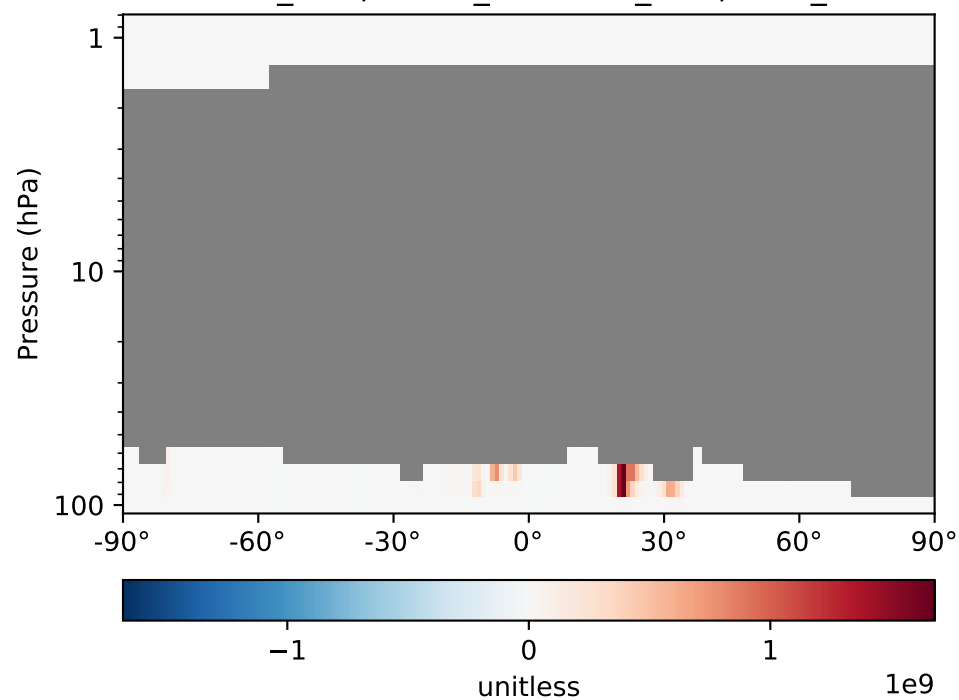
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

