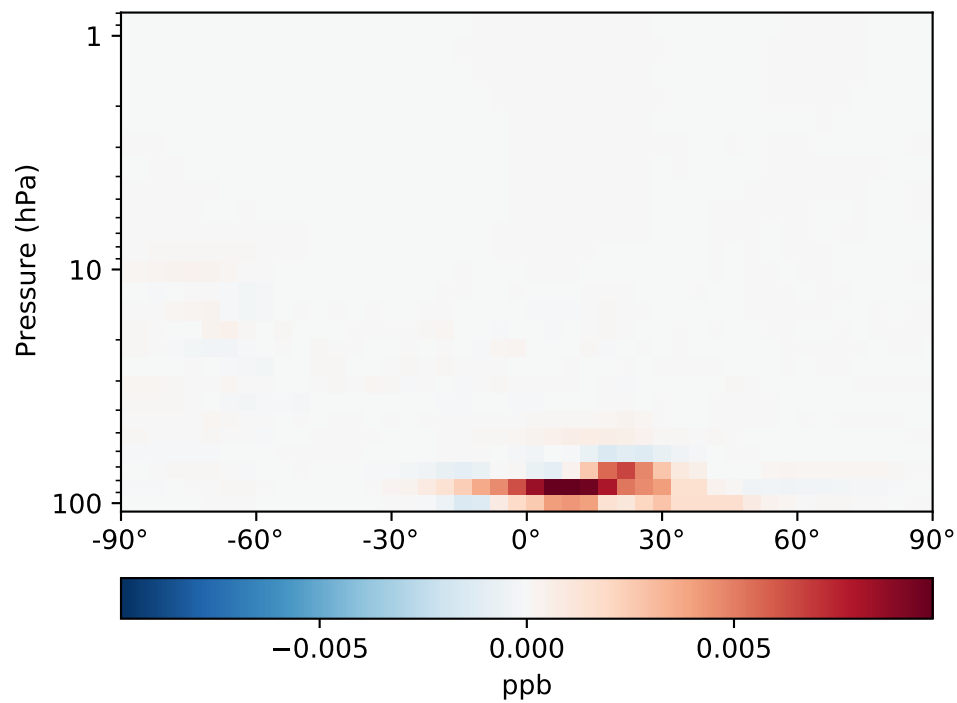
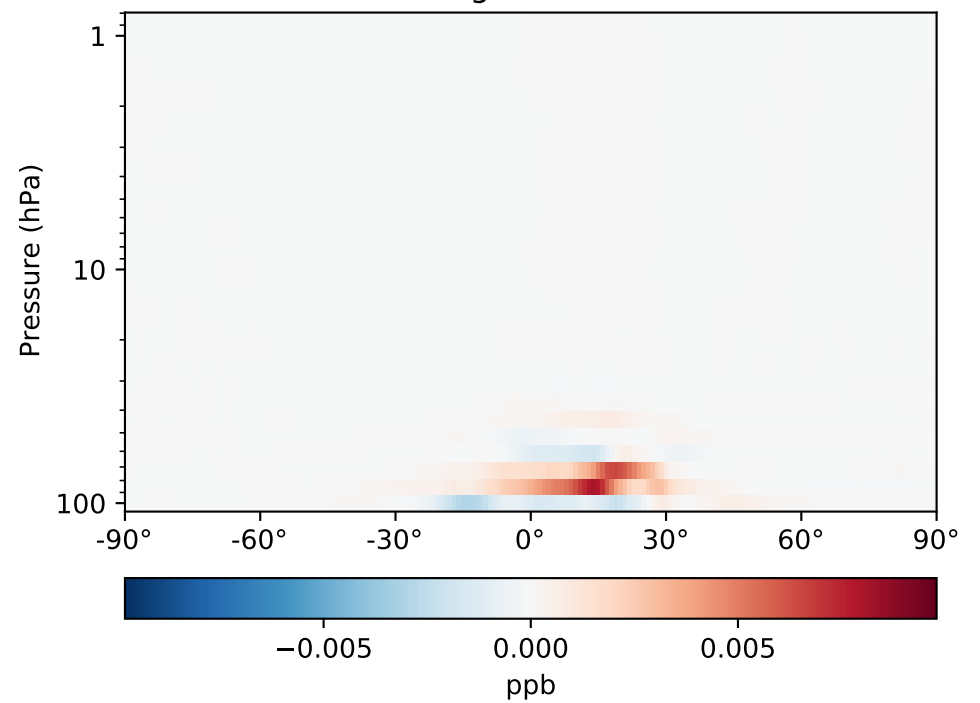


SpeciesConc_Cly, Zonal Mean

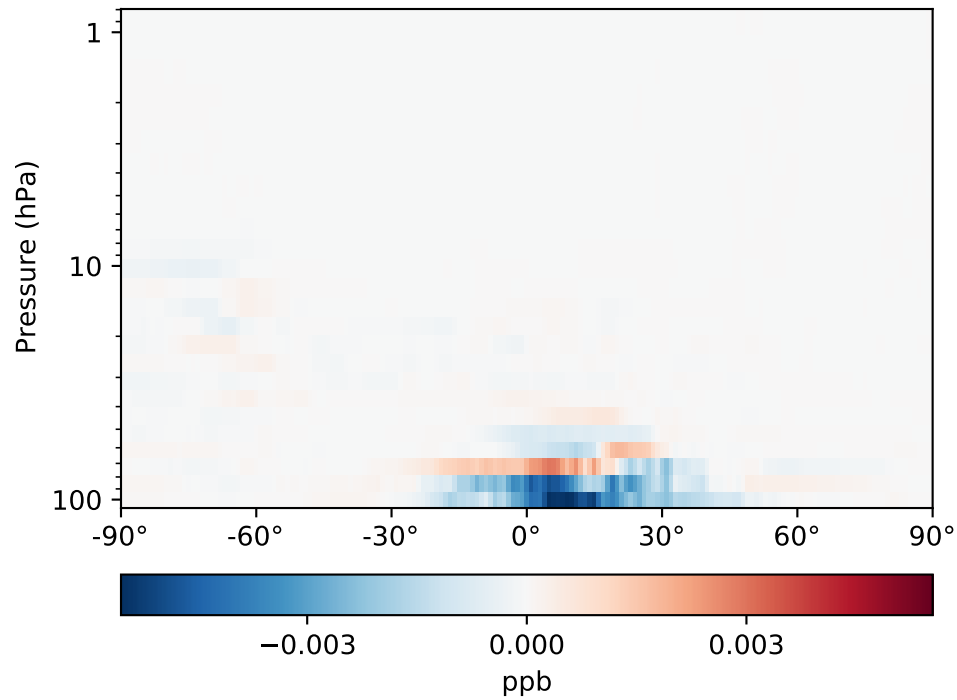
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



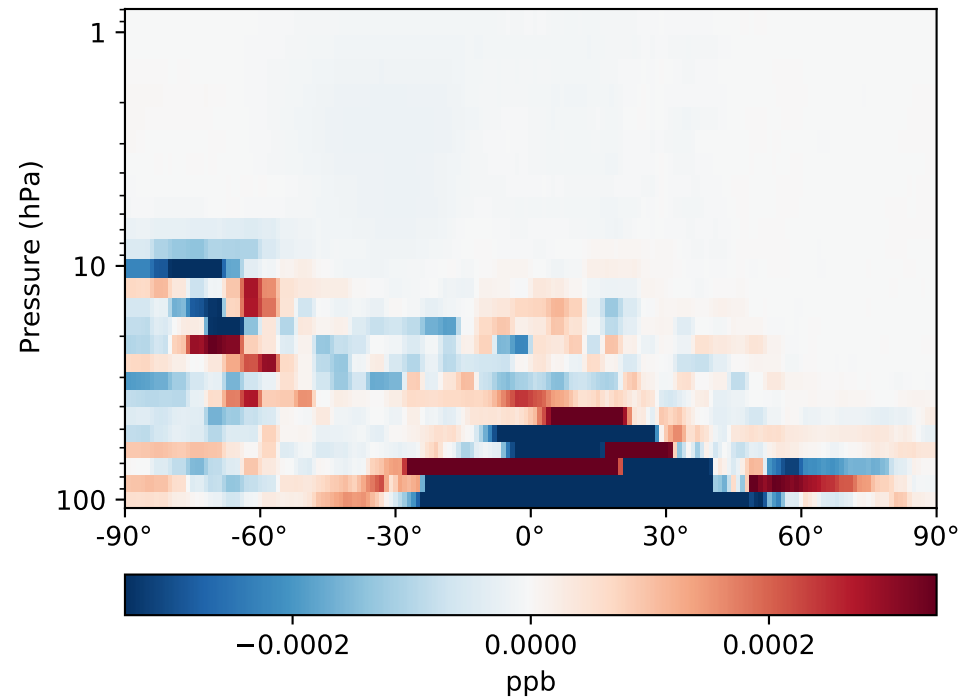
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



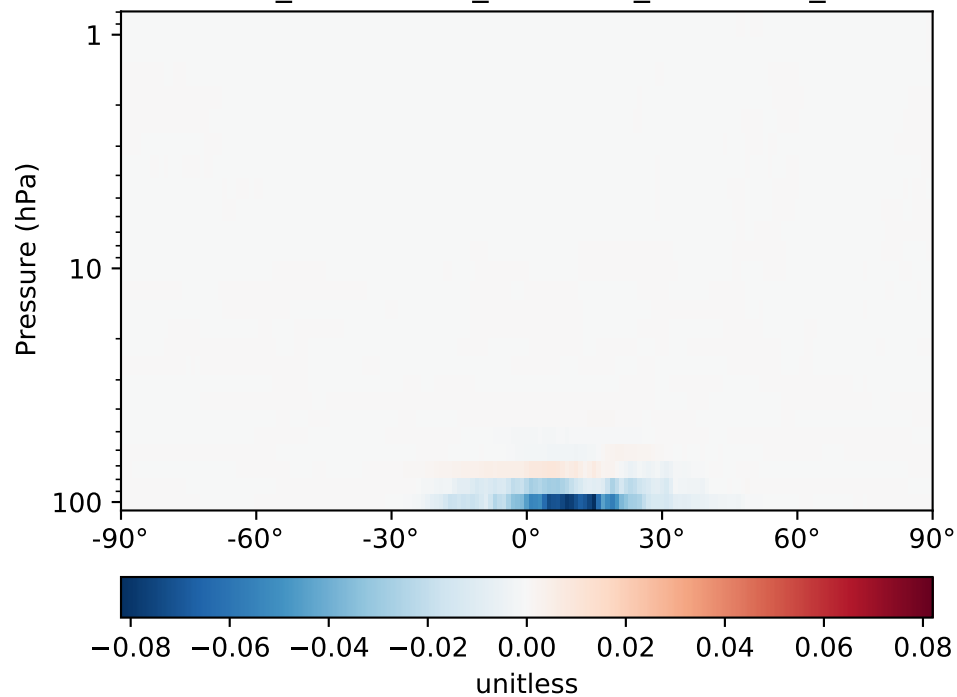
Difference (1x1.25)
Dev - Ref, Dynamic Range



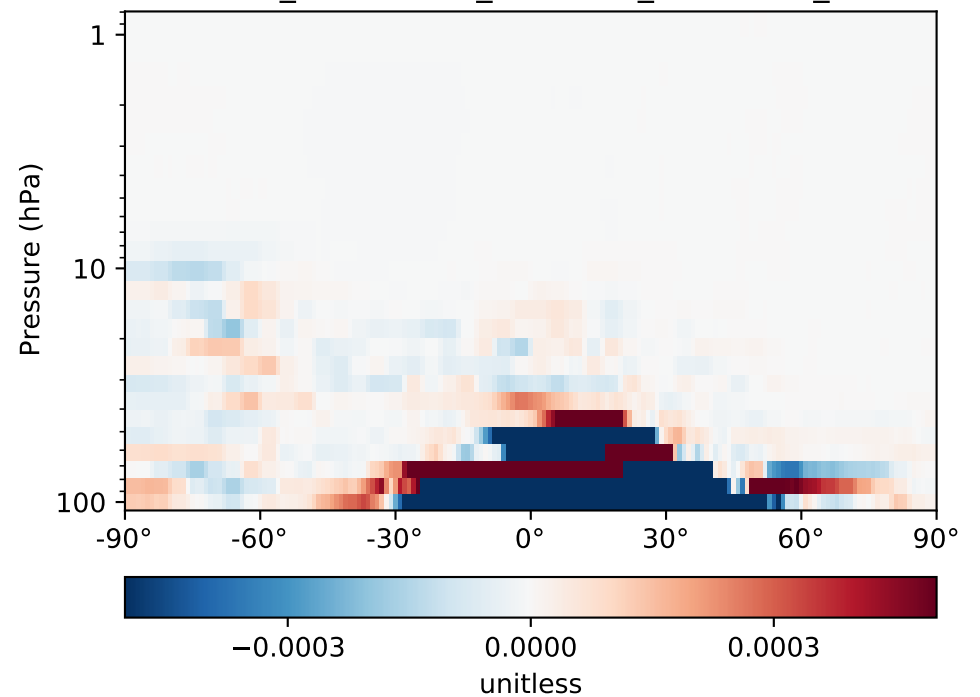
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

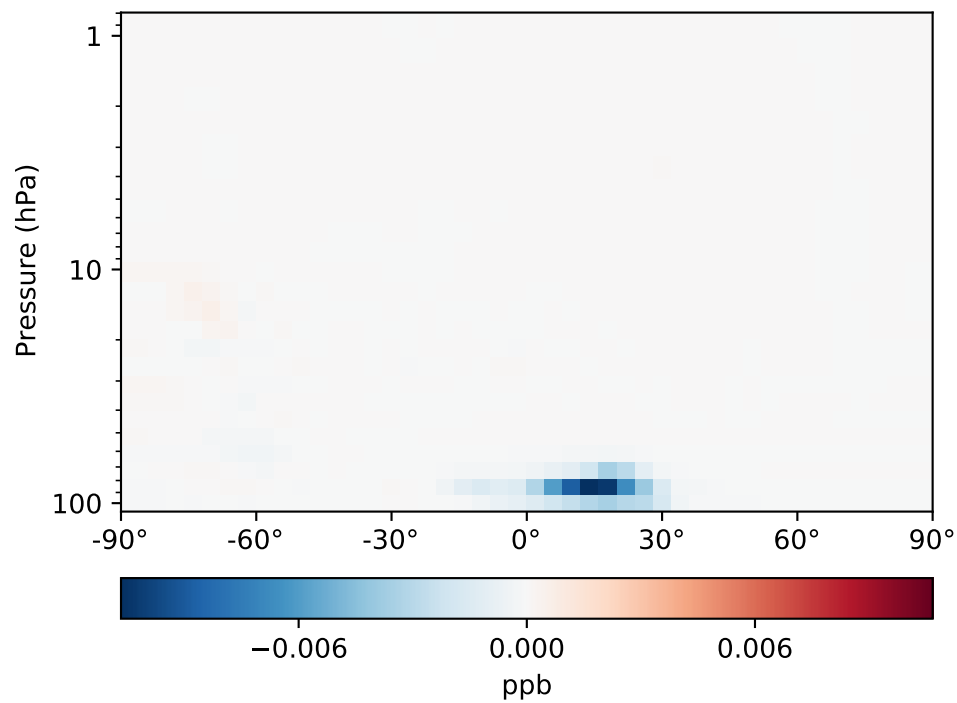


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

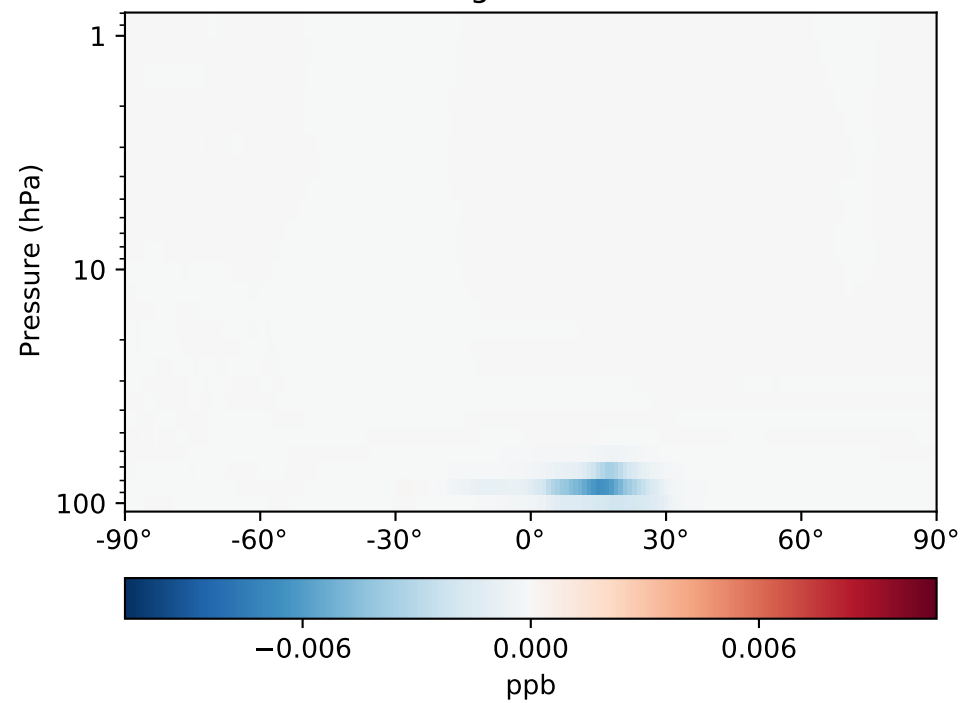


SpeciesConc_ClOx, Zonal Mean

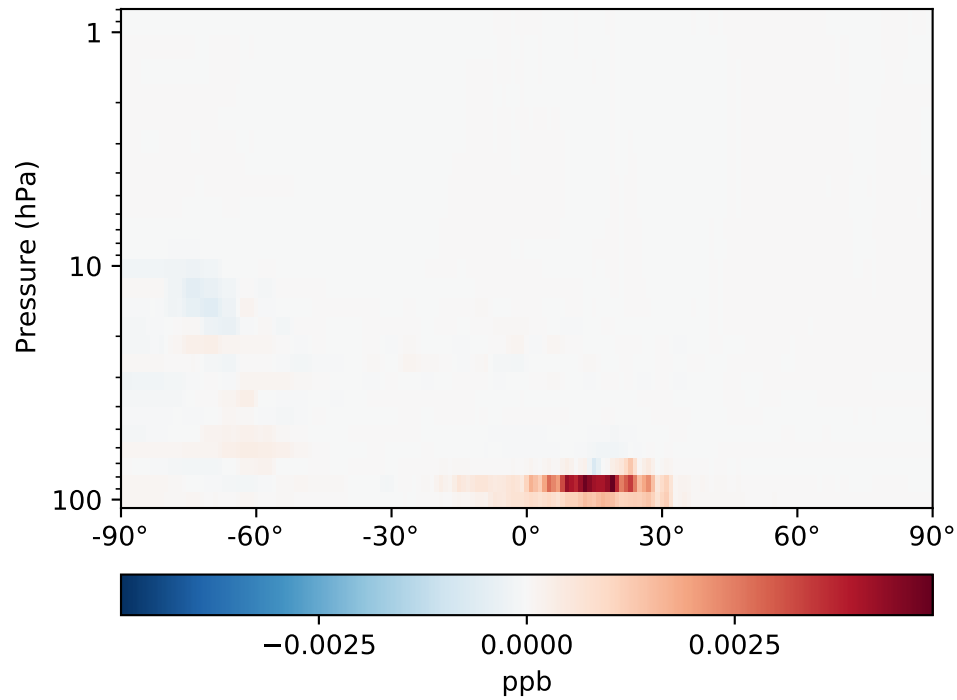
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



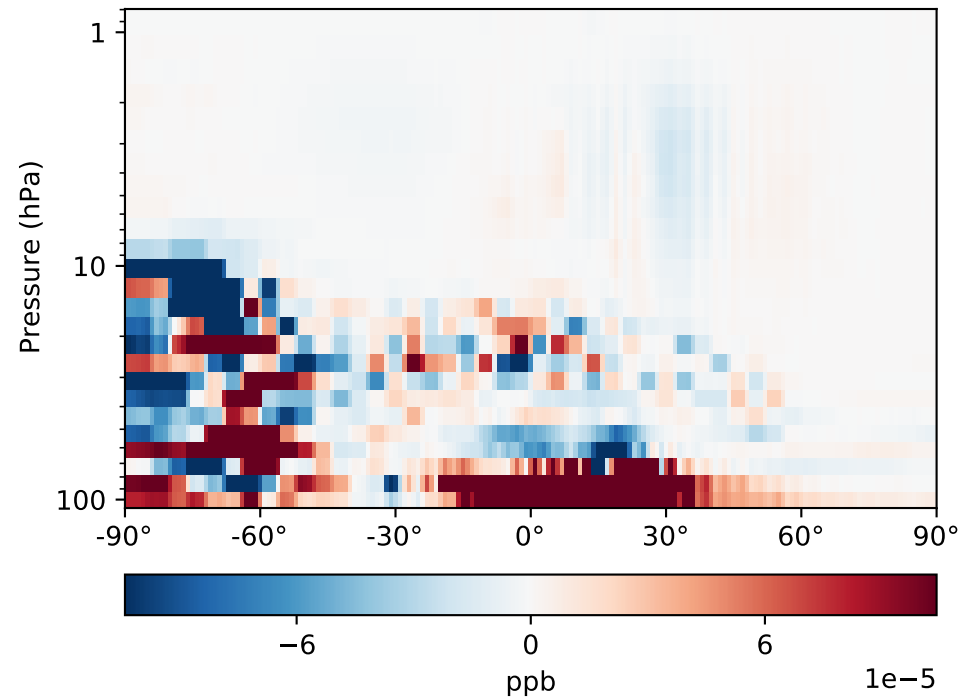
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



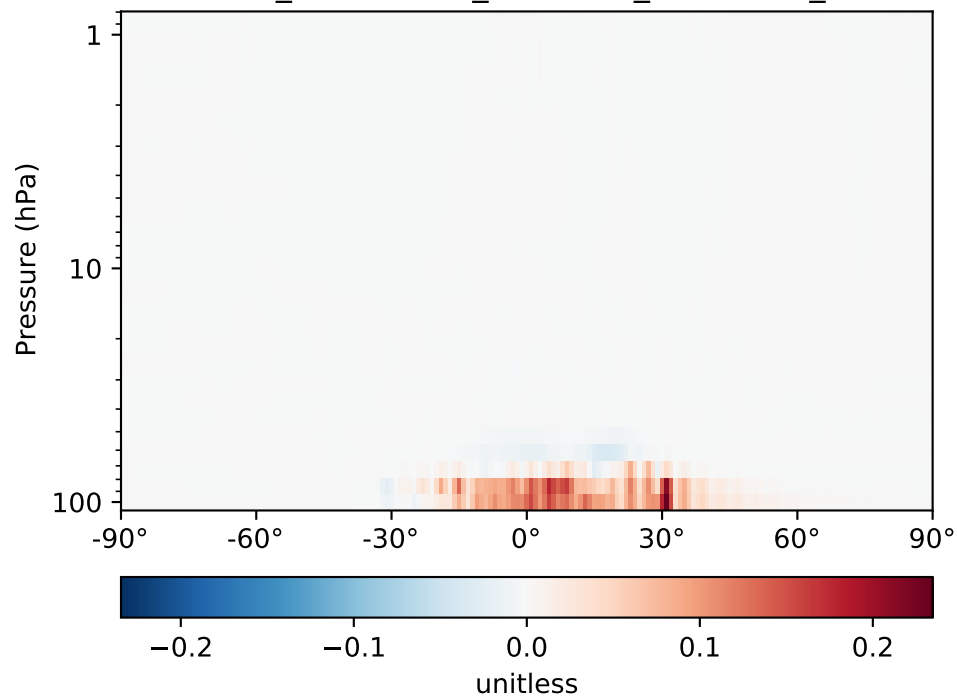
Difference (1x1.25)
Dev - Ref, Dynamic Range



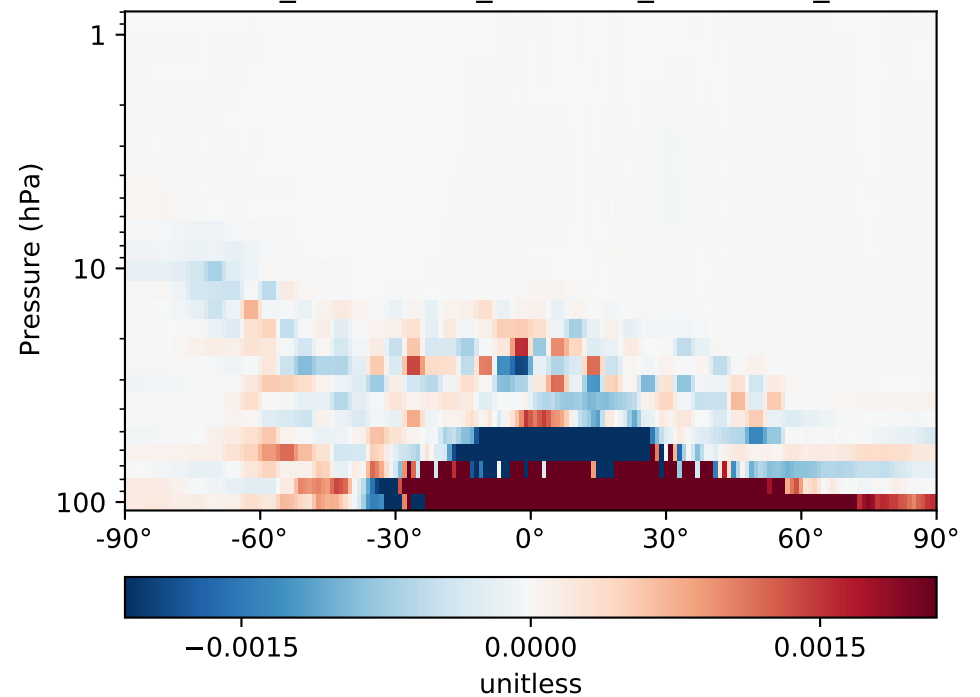
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

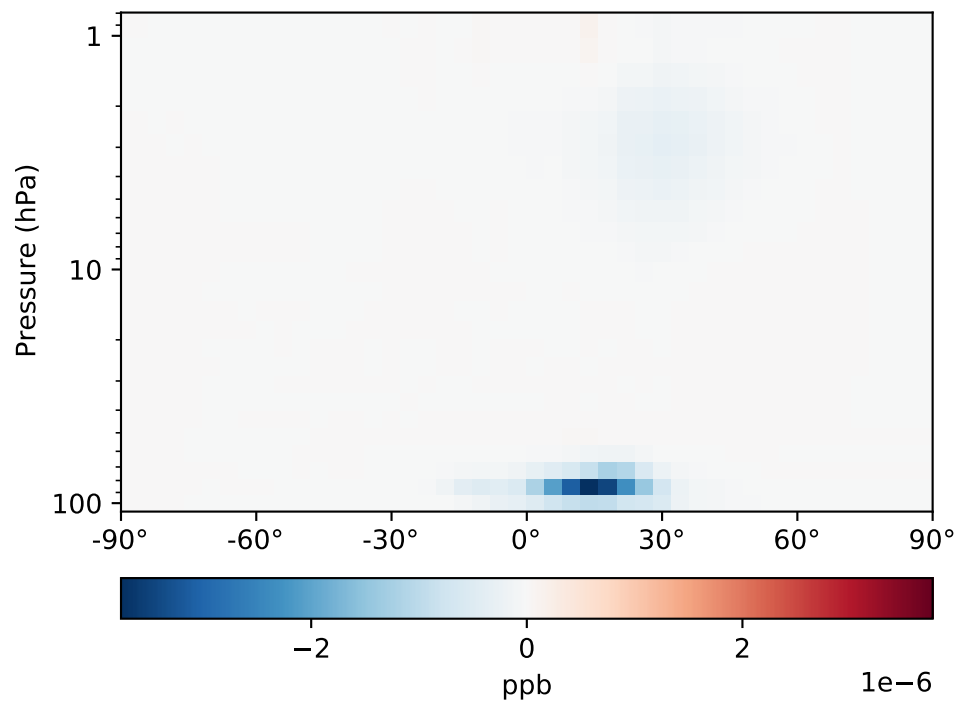


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

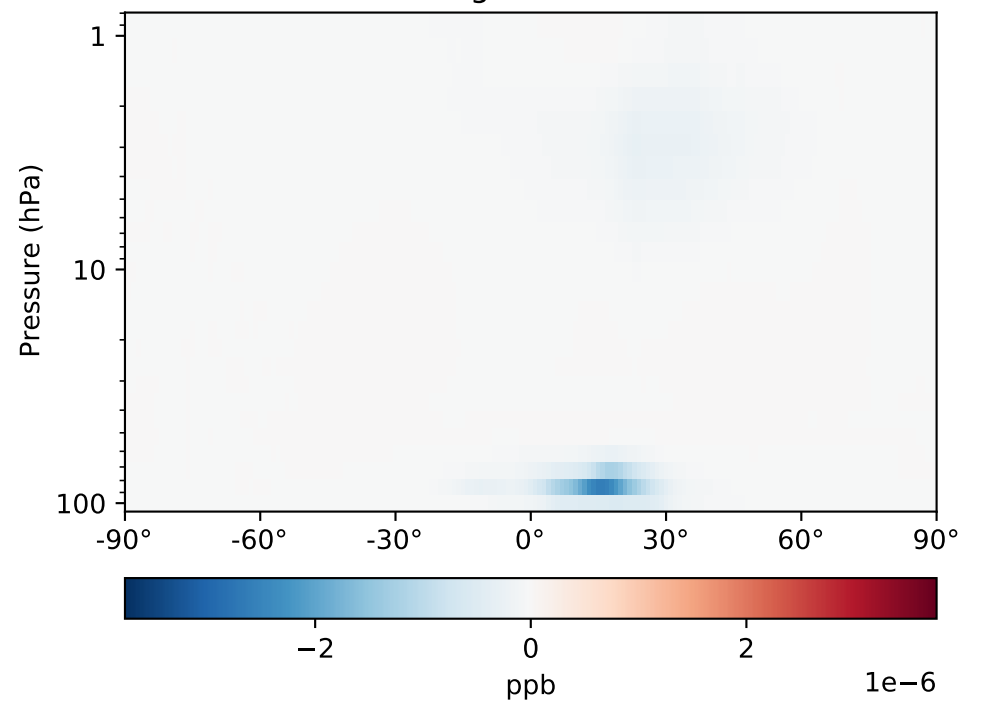


SpeciesConc_Cl, Zonal Mean

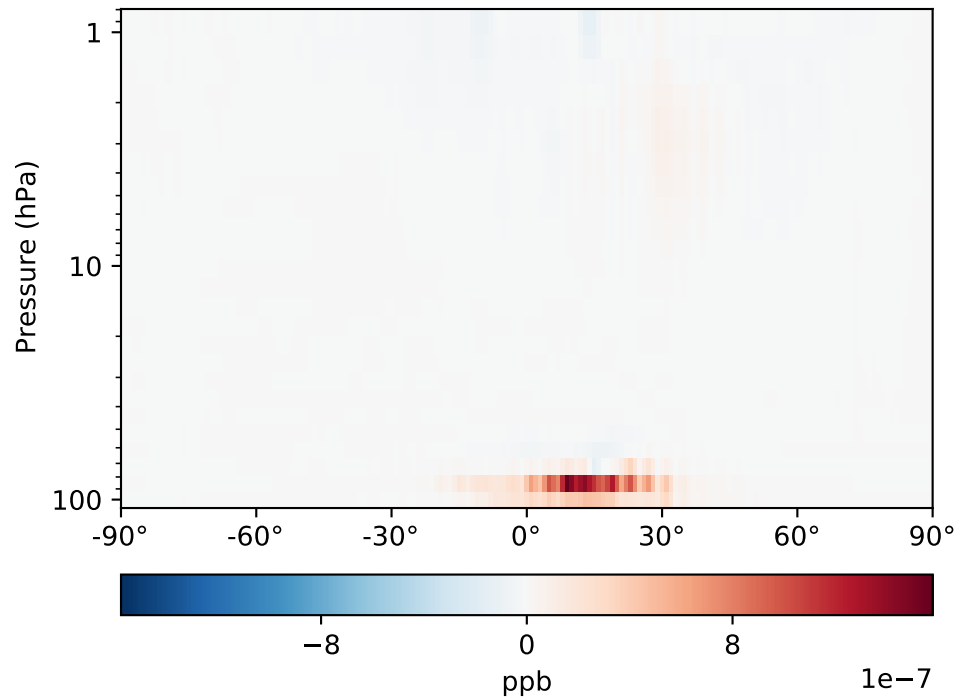
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



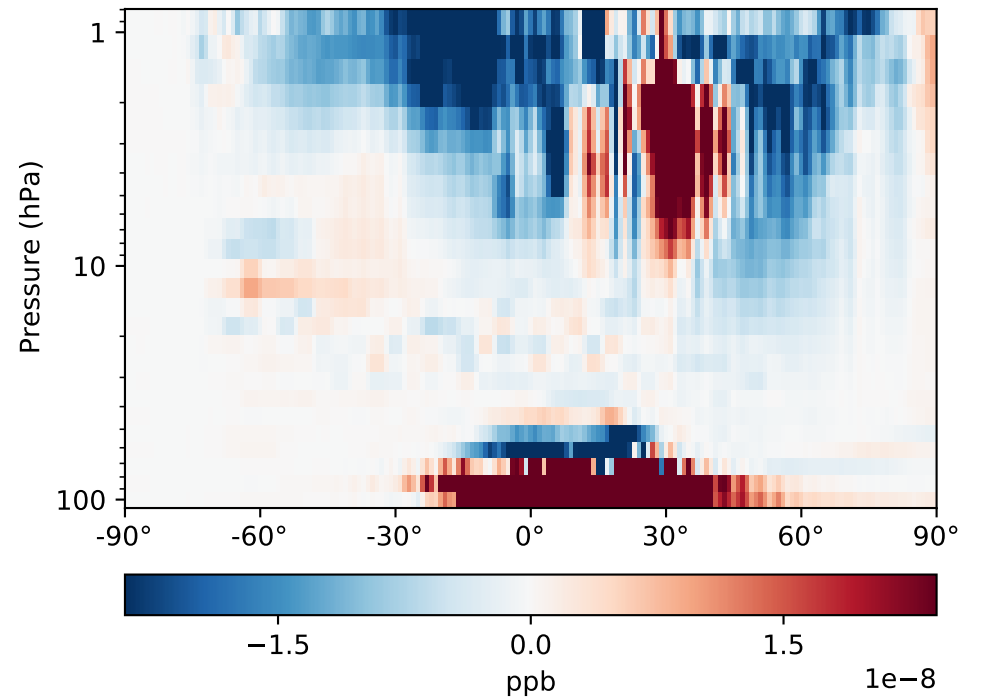
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



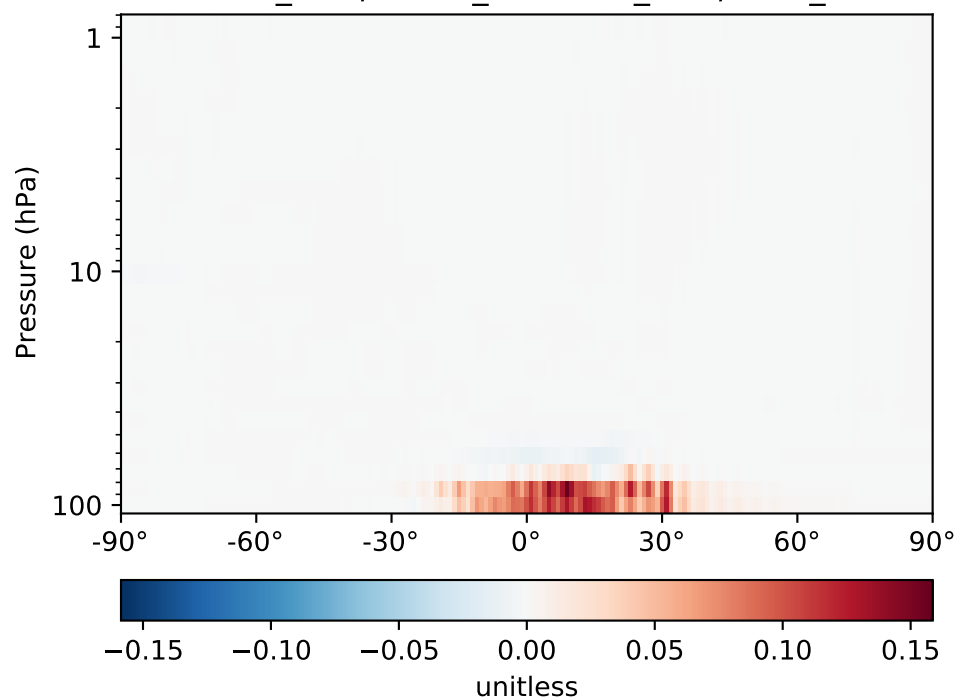
Difference (1x1.25)
Dev - Ref, Dynamic Range



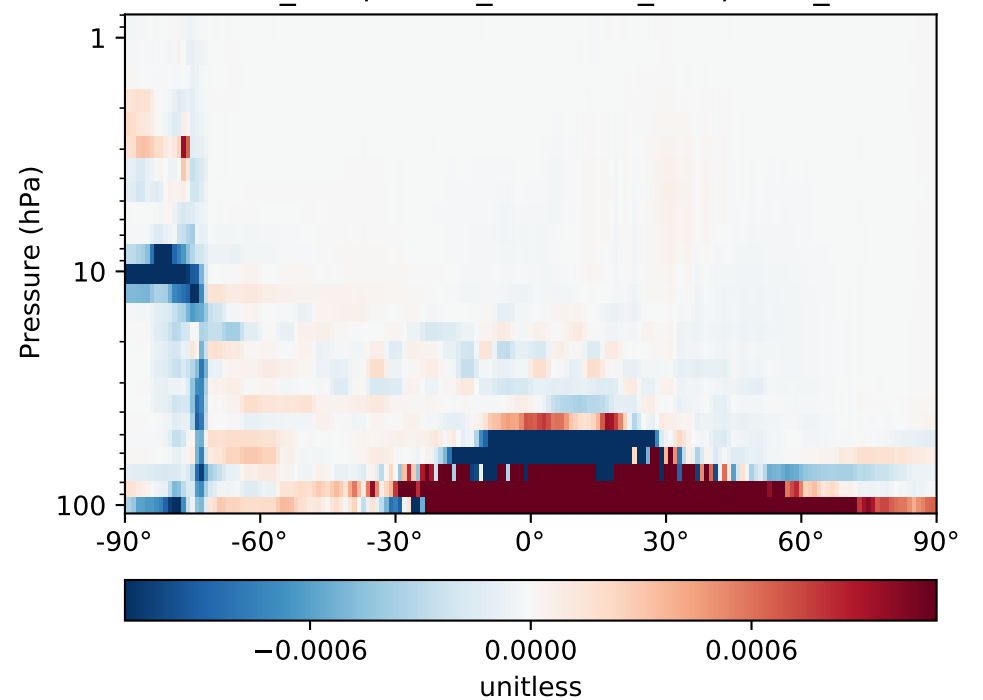
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

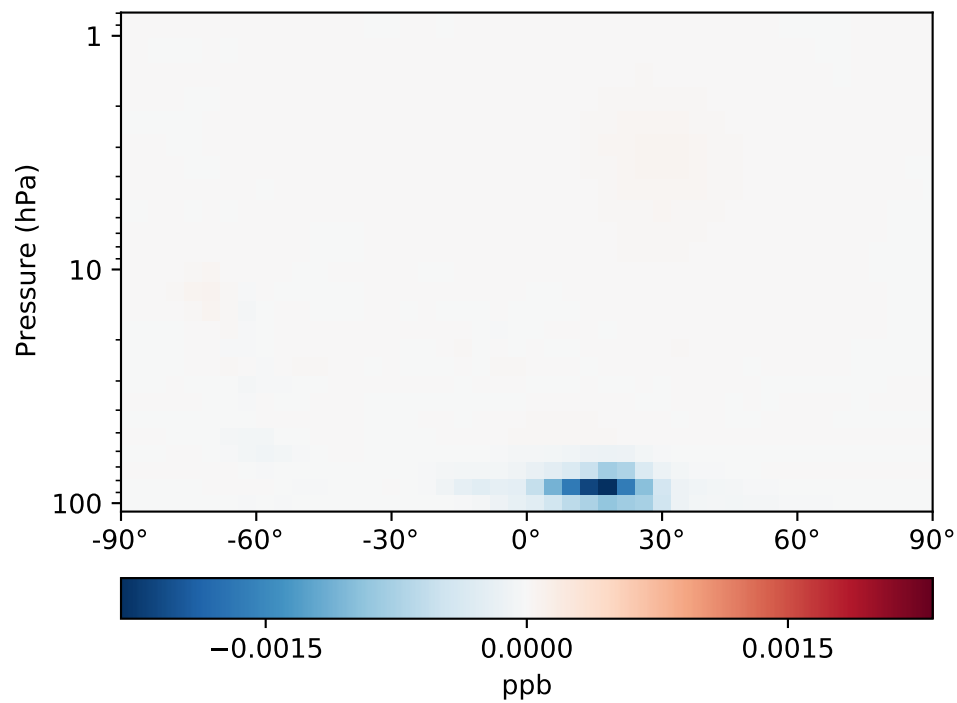


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

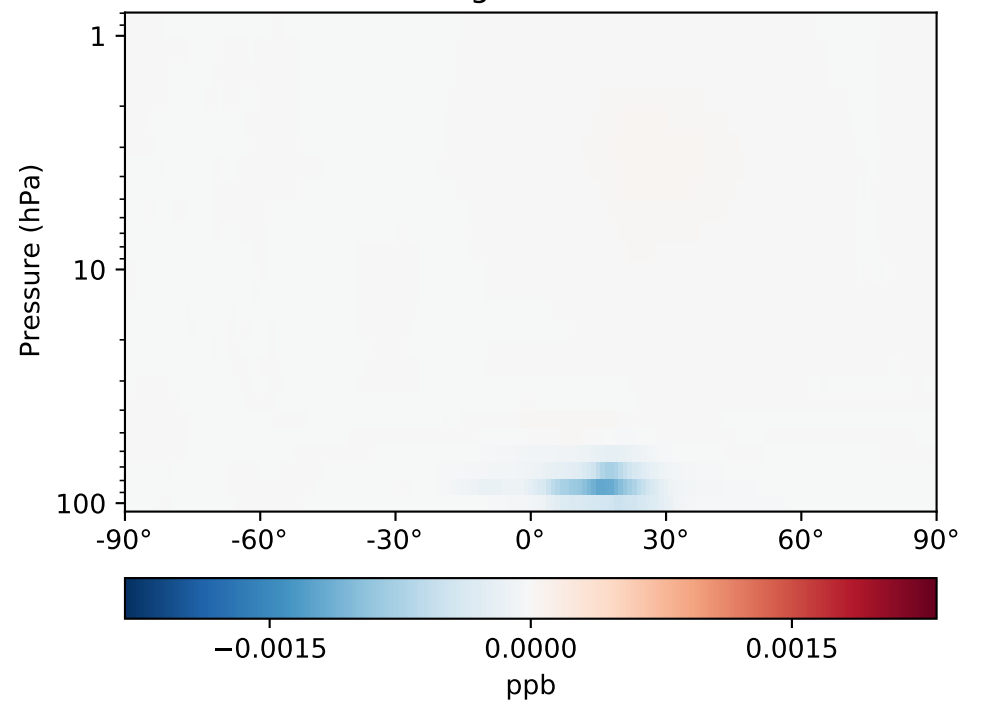


SpeciesConc_ClO, Zonal Mean

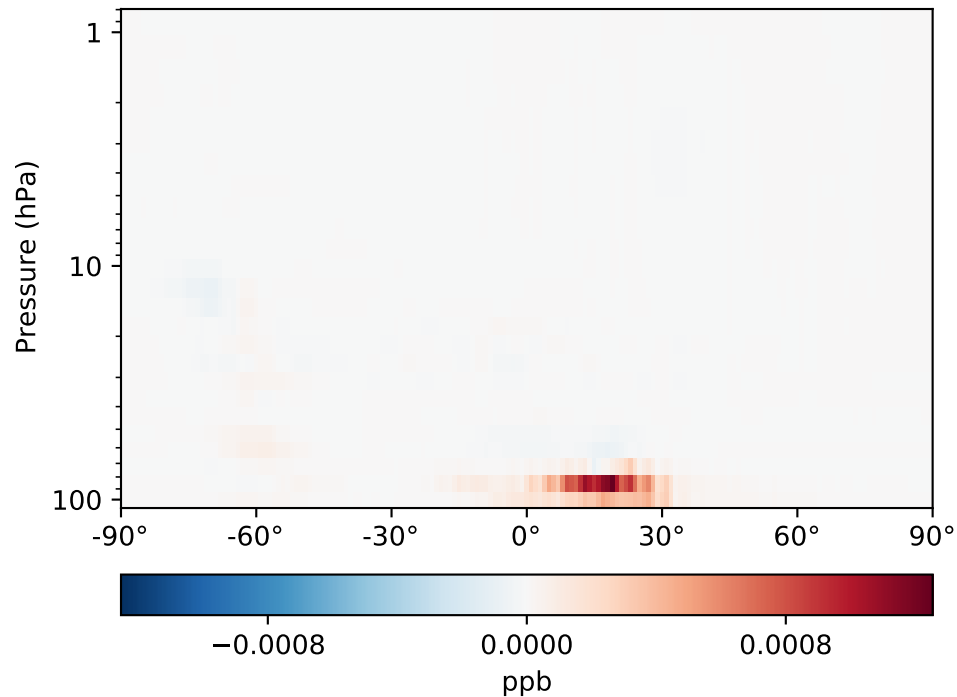
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



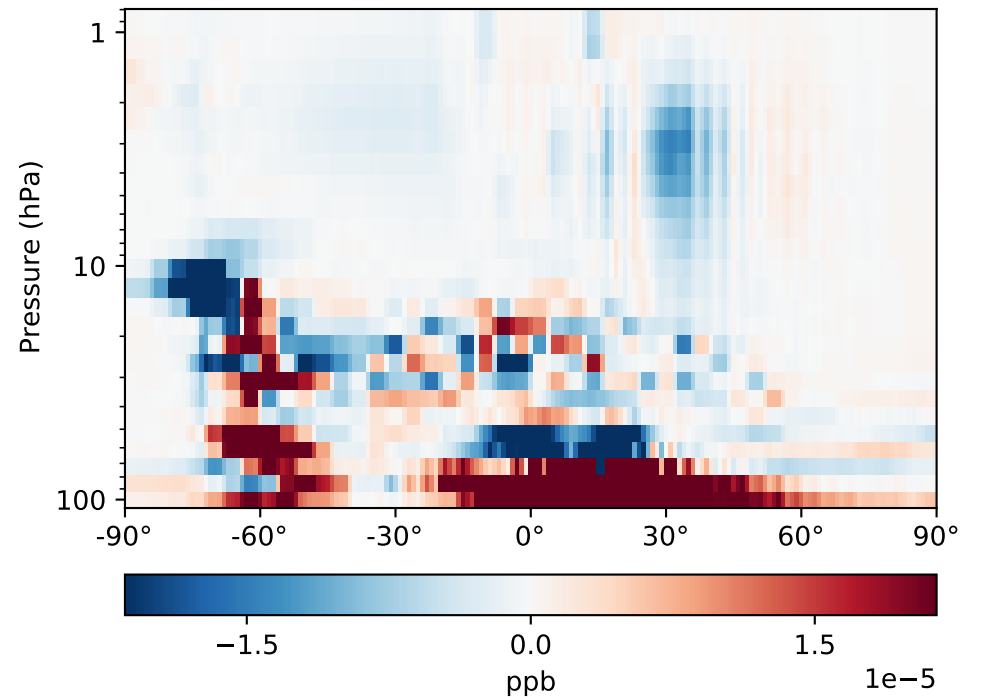
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



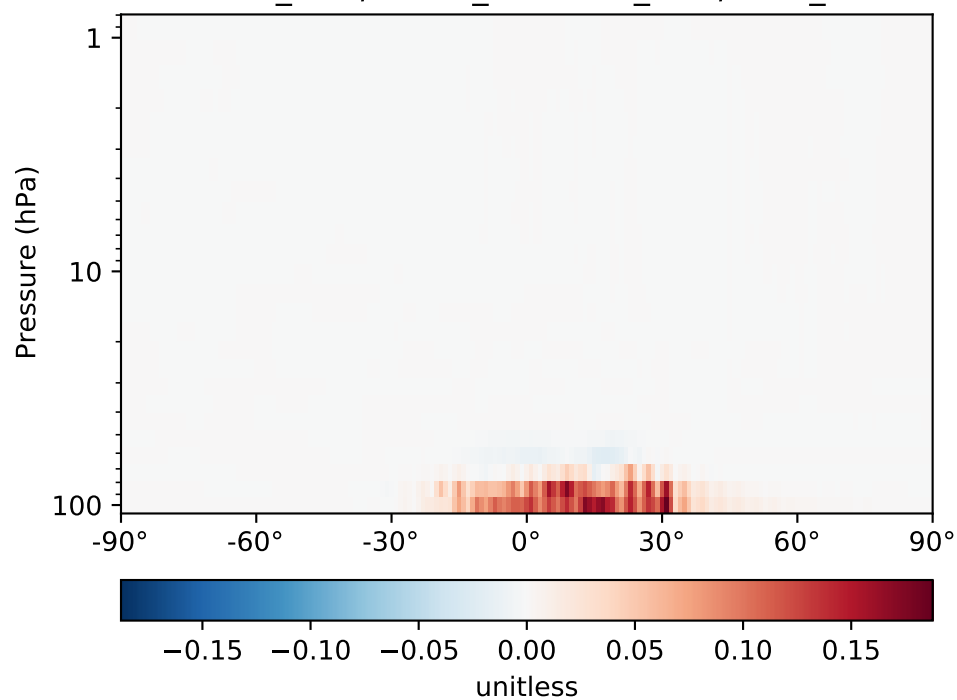
Difference (1x1.25)
Dev - Ref, Dynamic Range



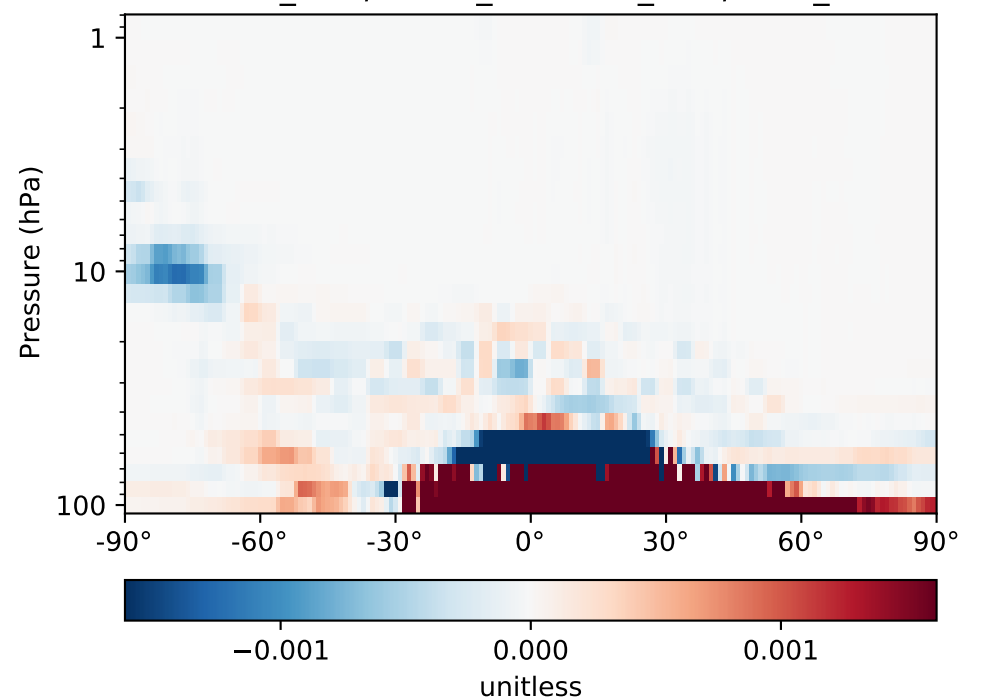
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



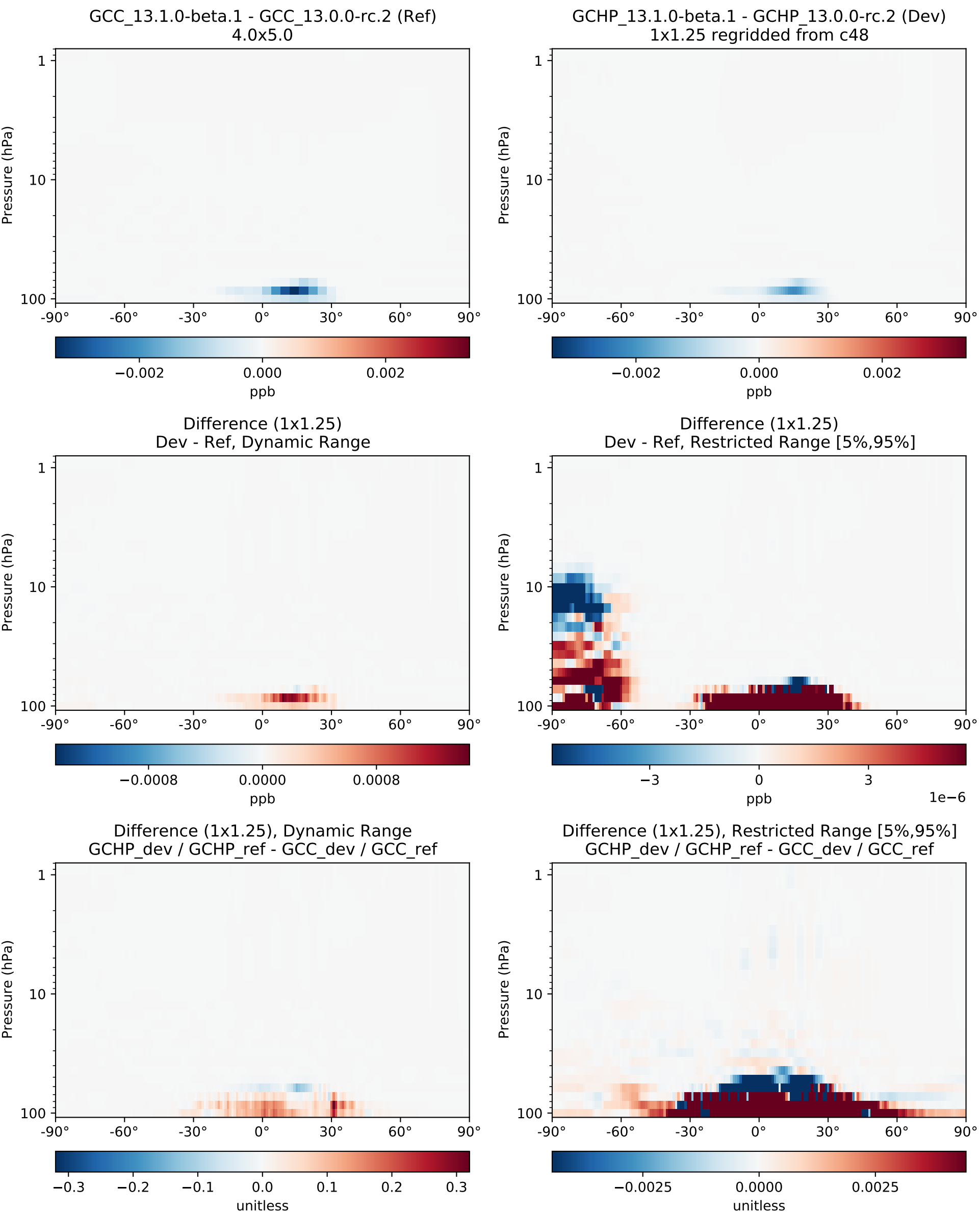
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

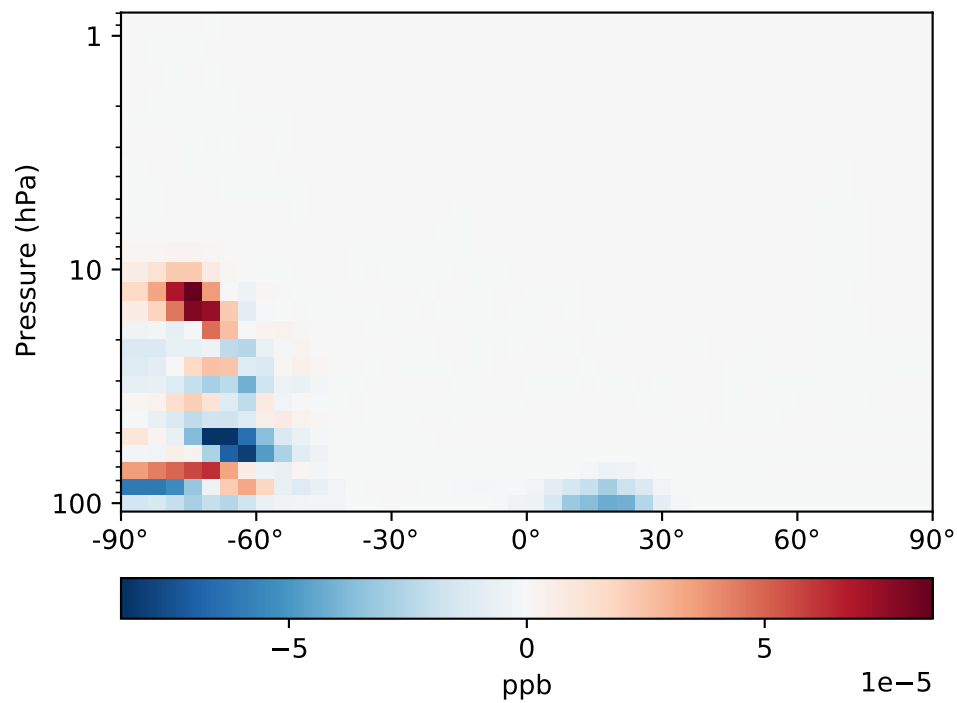


SpeciesConc_Cl2, Zonal Mean

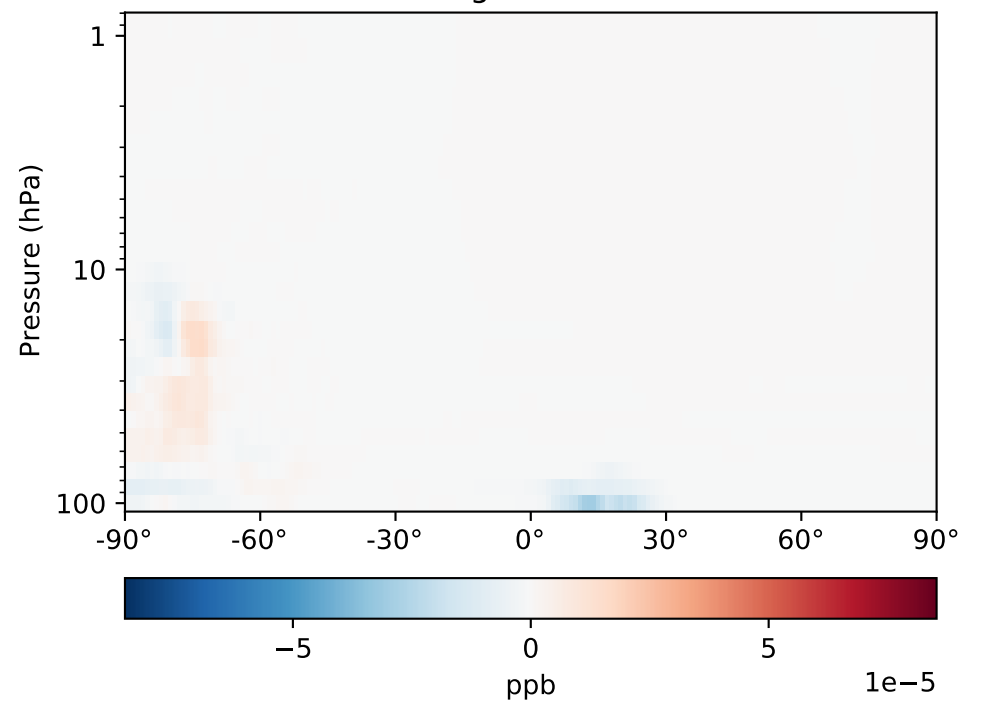


SpeciesConc_Cl2O2, Zonal Mean

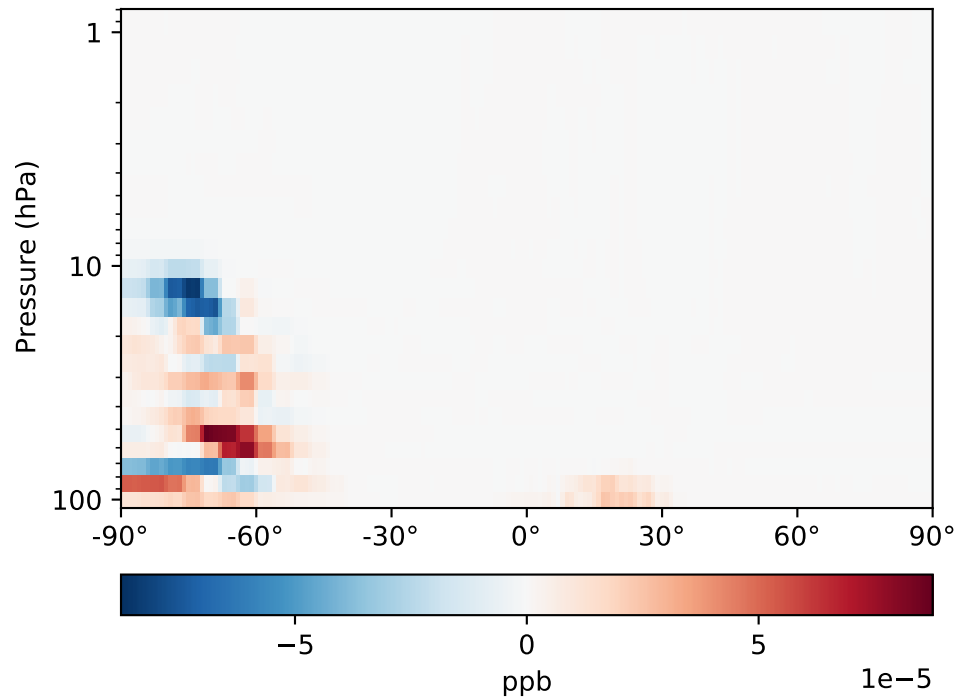
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



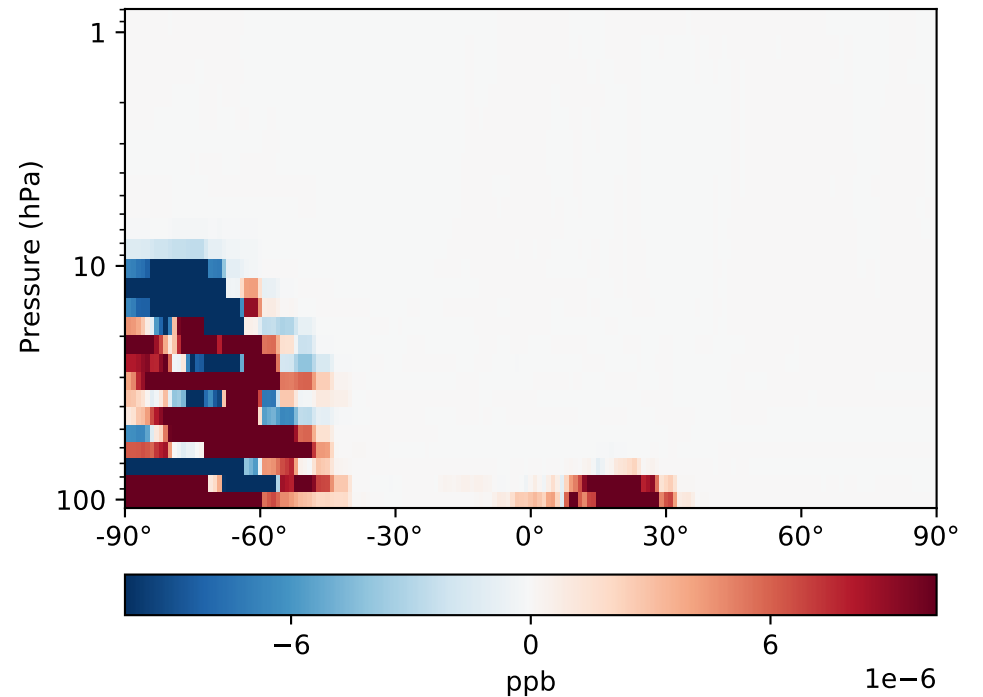
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



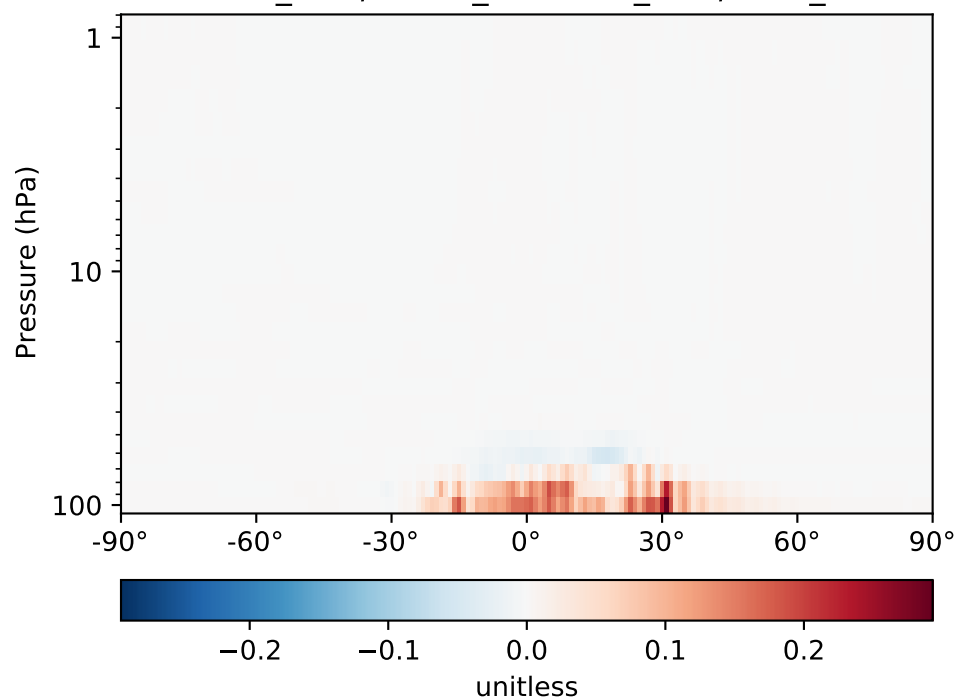
Difference (1x1.25)
Dev - Ref, Dynamic Range



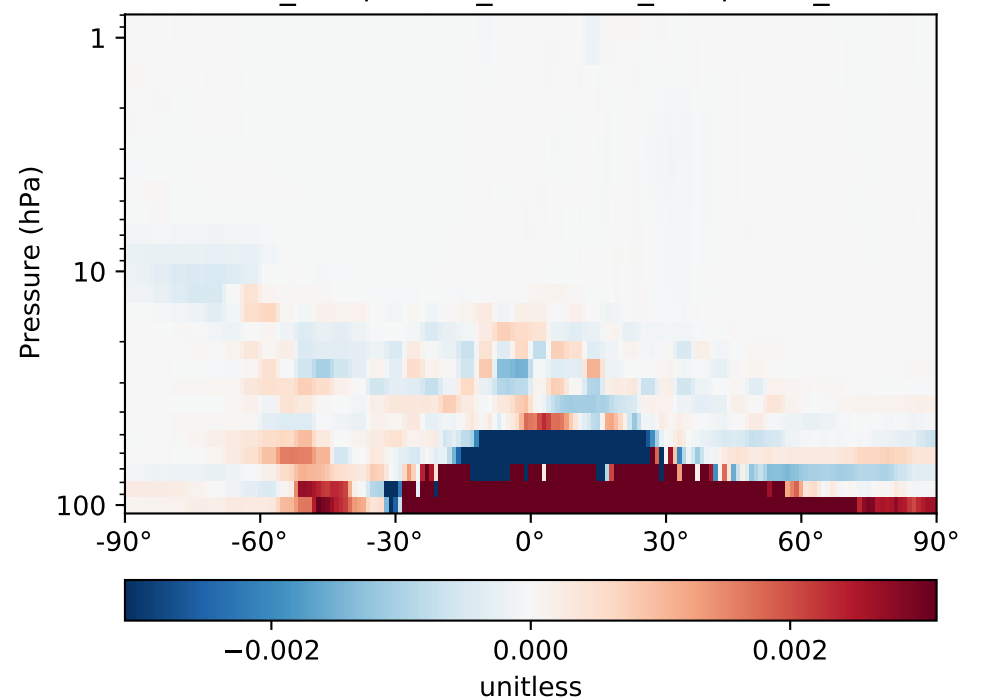
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

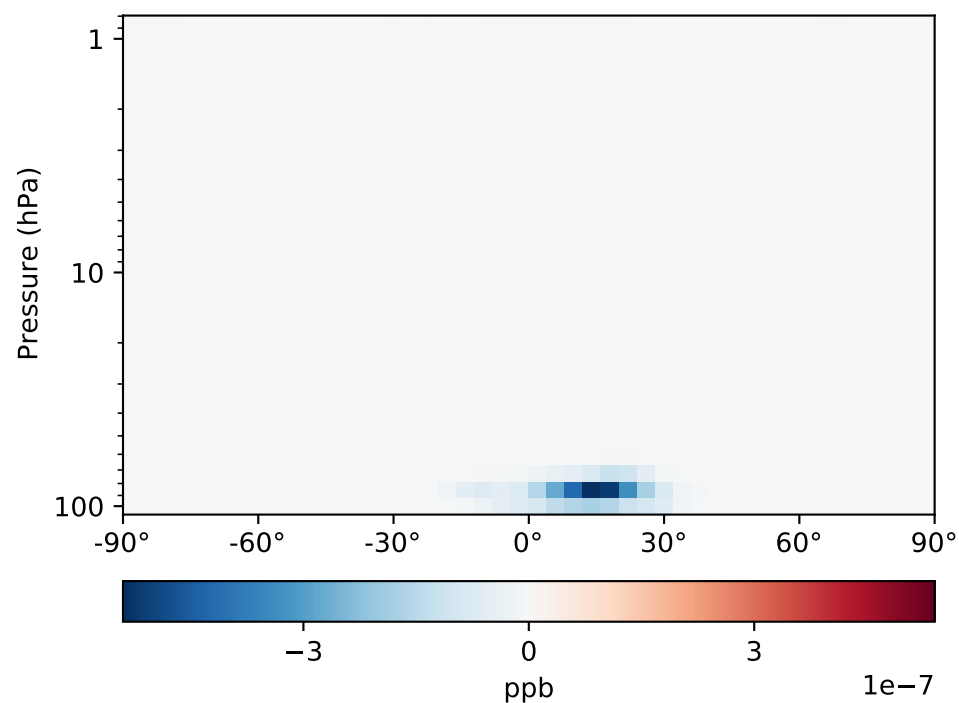


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

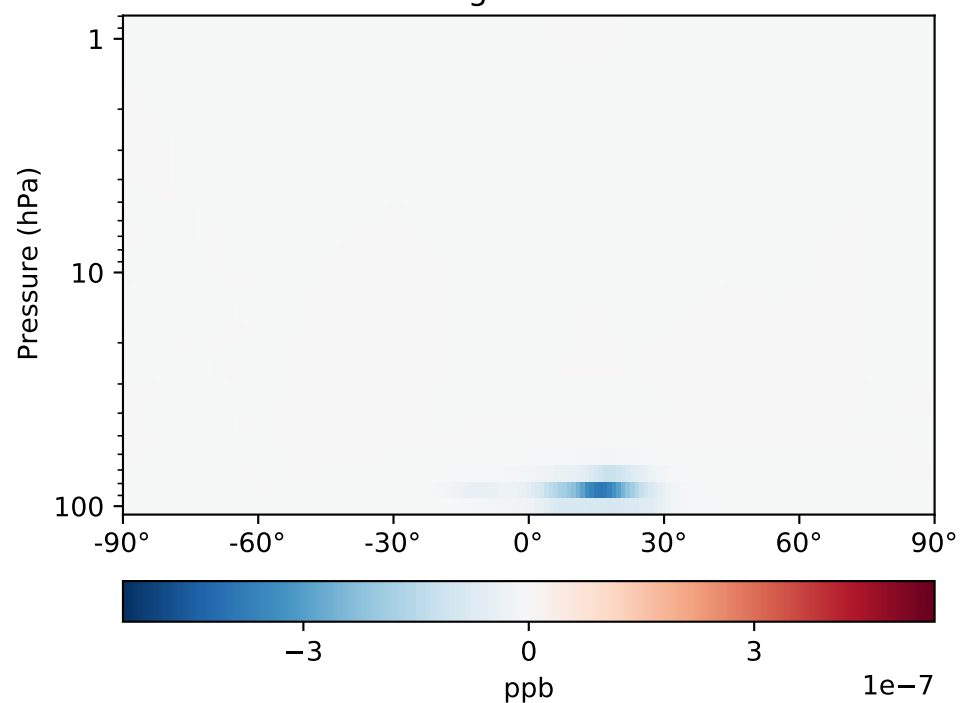


SpeciesConc_ClOO, Zonal Mean

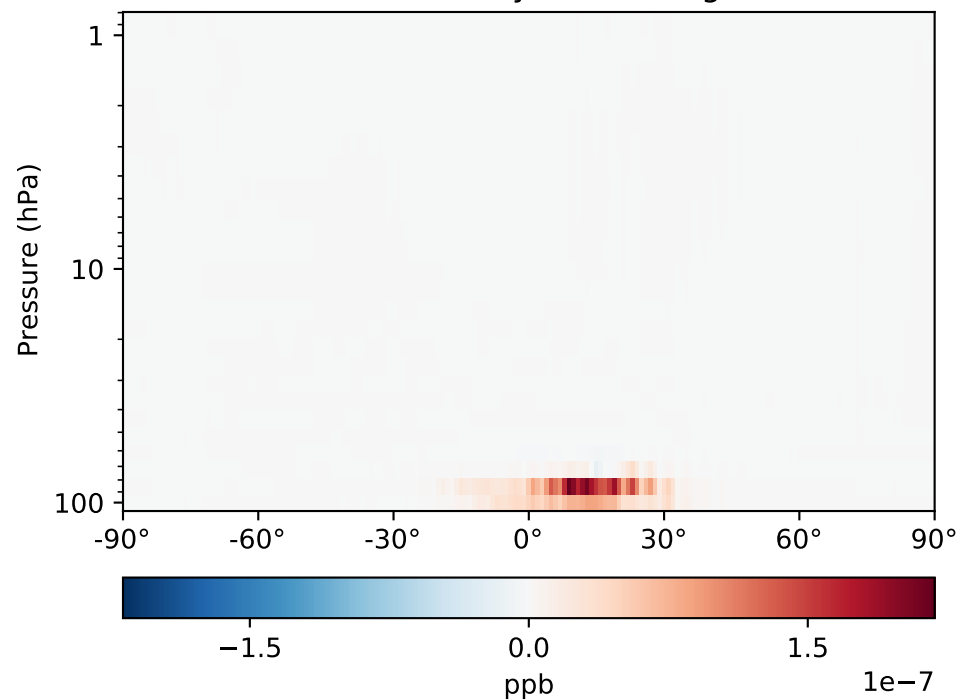
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



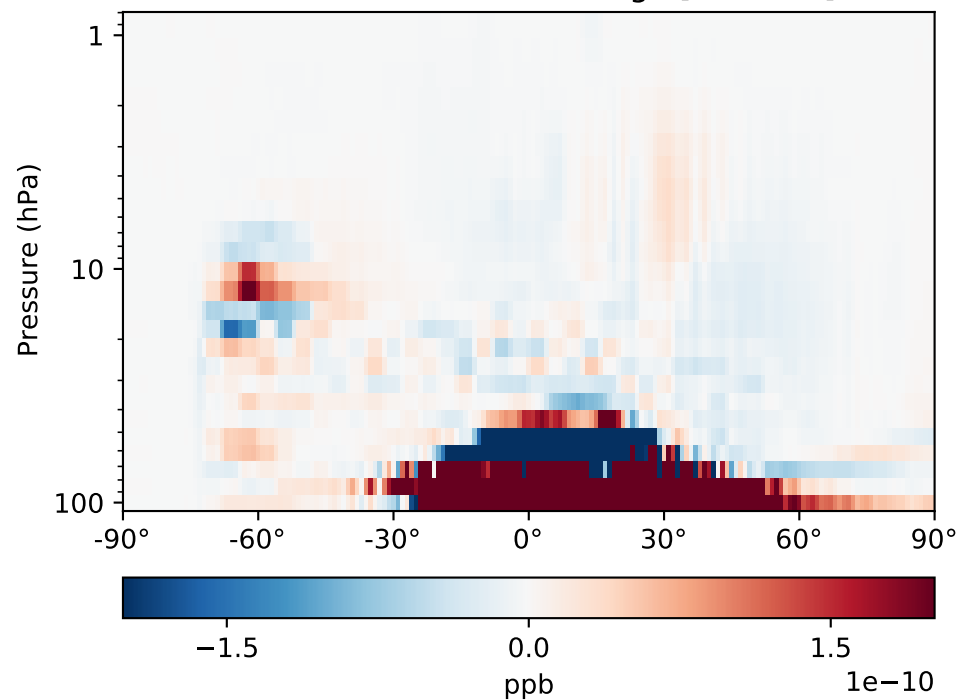
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



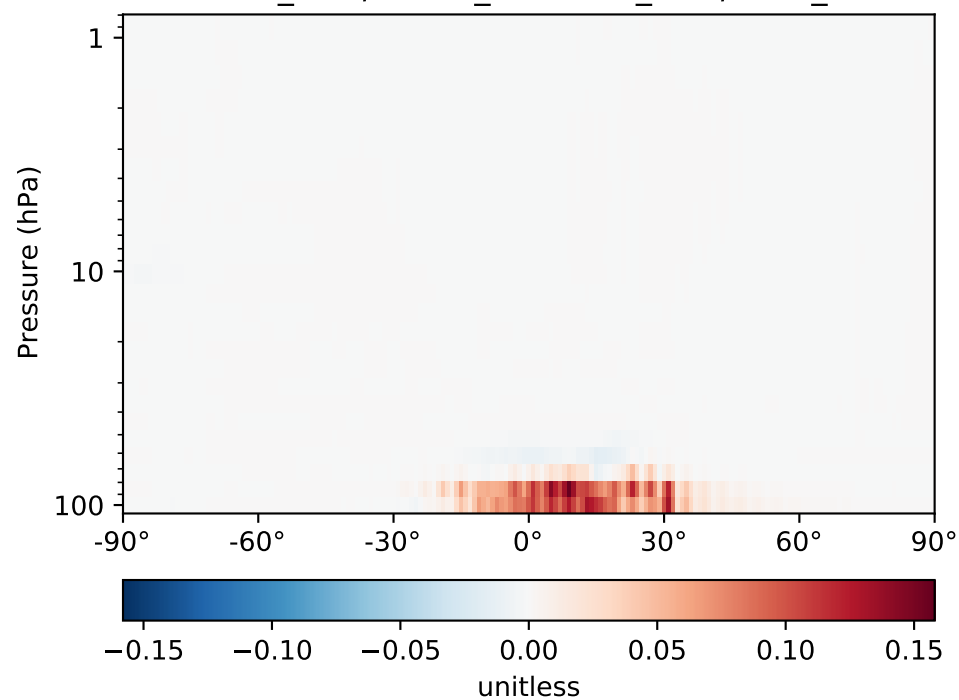
Difference (1x1.25)
Dev - Ref, Dynamic Range



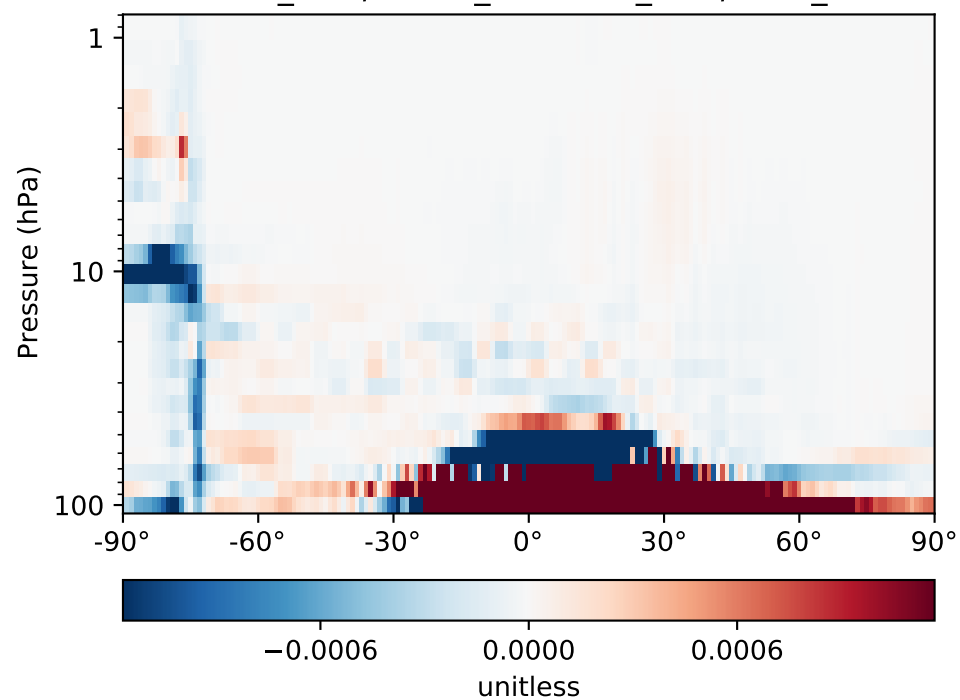
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

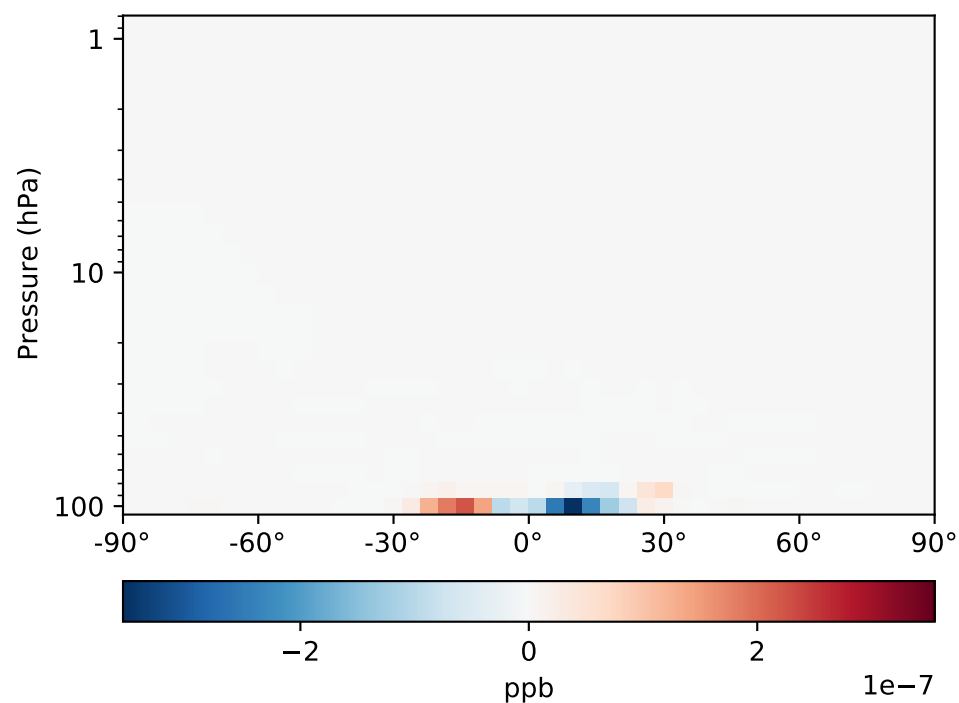


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

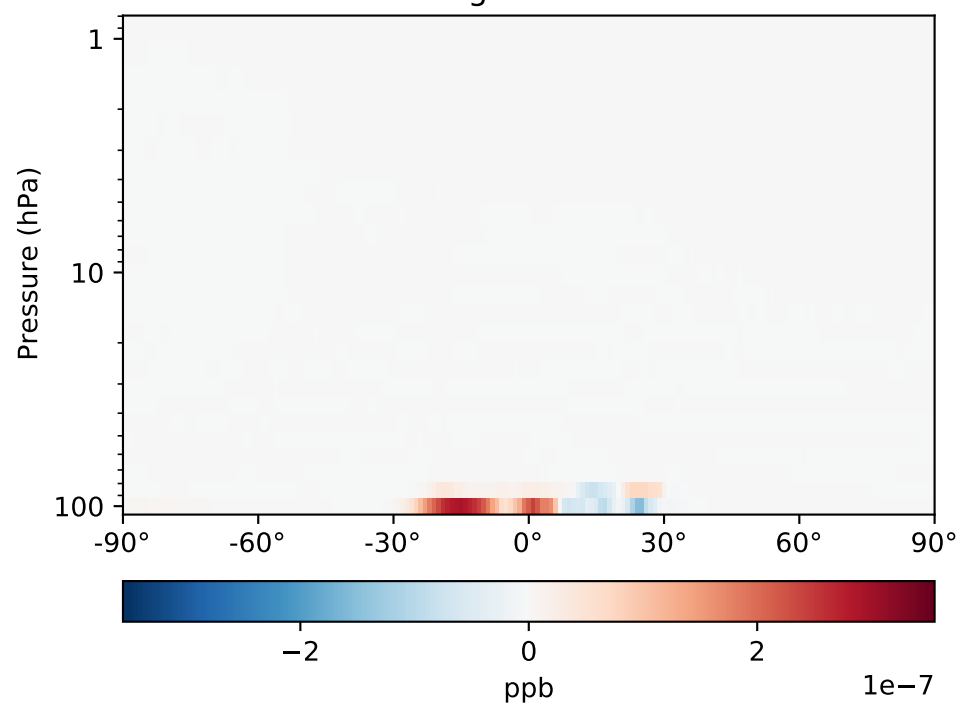


SpeciesConc_ClNO2, Zonal Mean

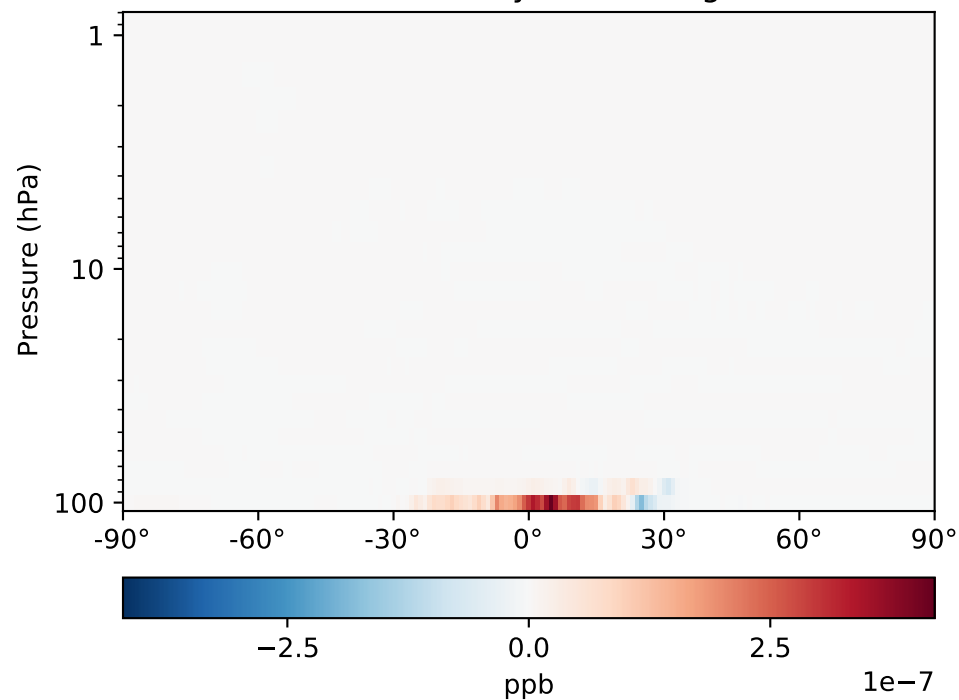
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



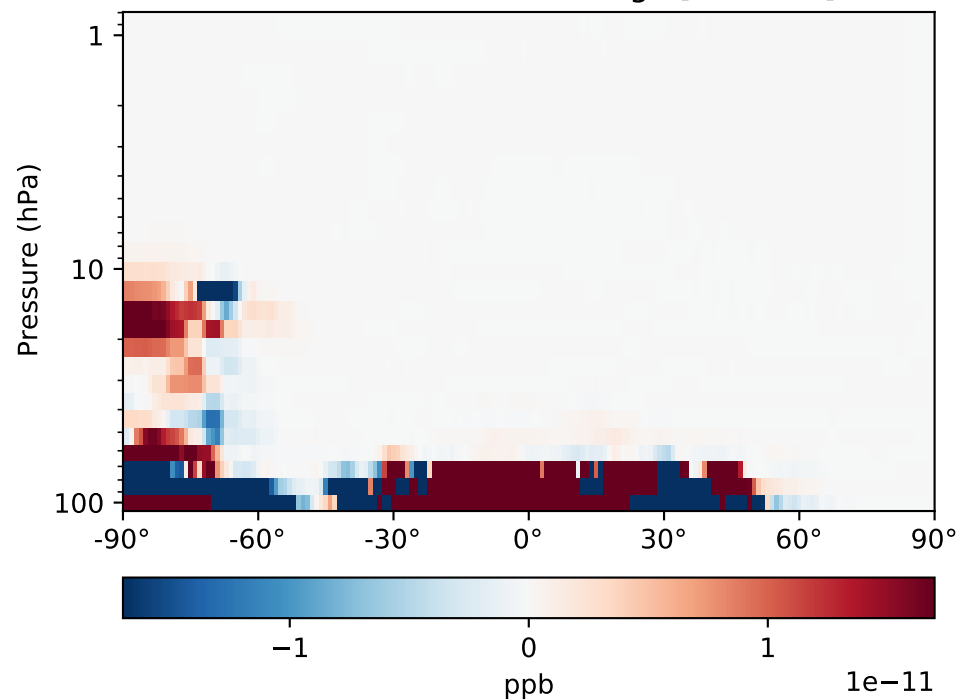
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



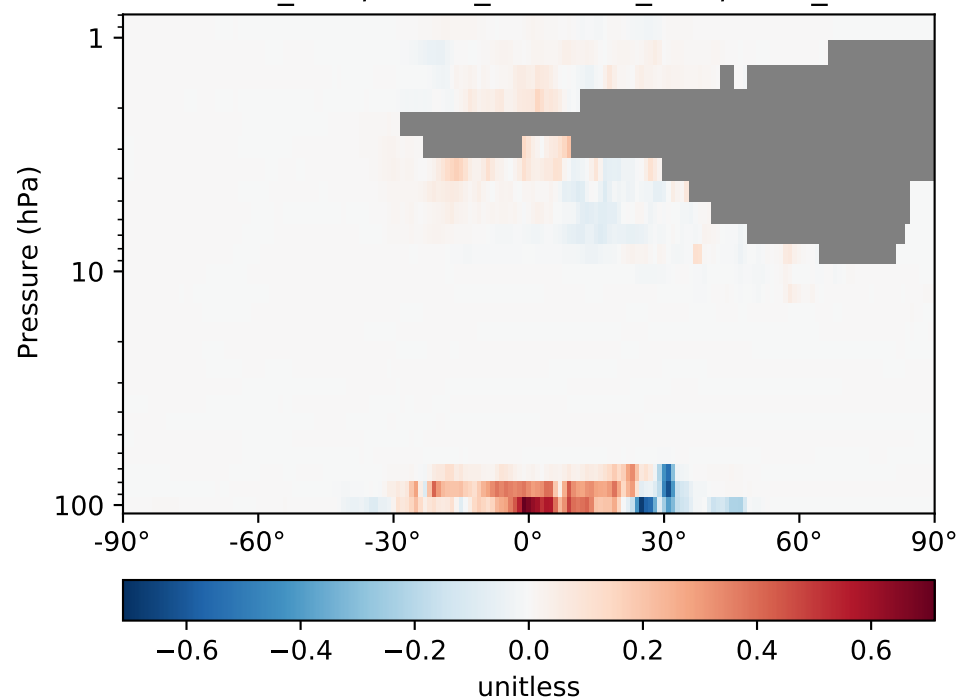
Difference (1x1.25)
Dev - Ref, Dynamic Range



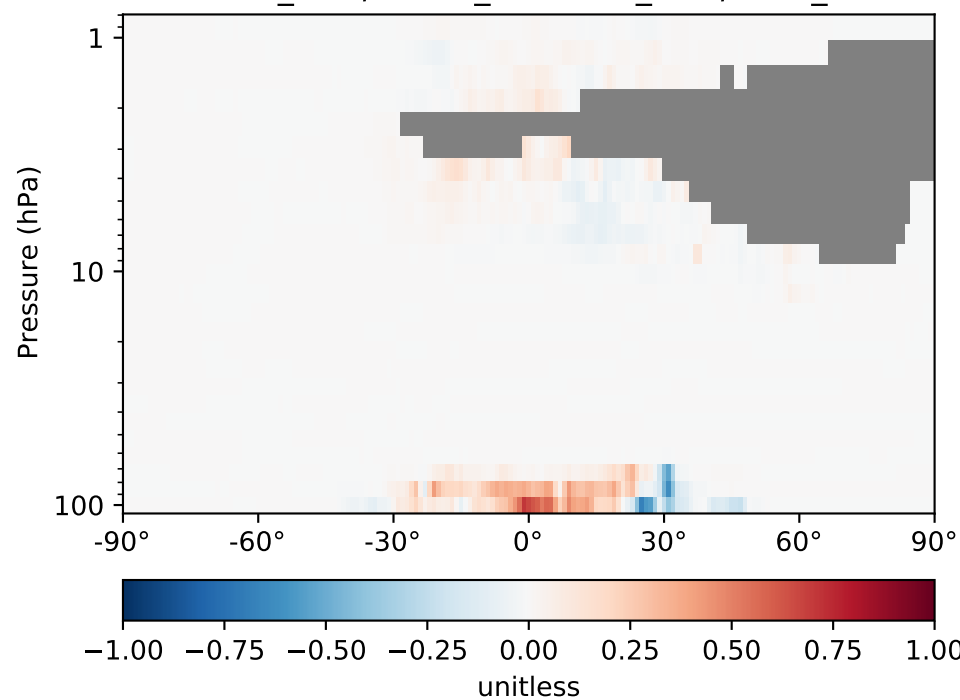
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

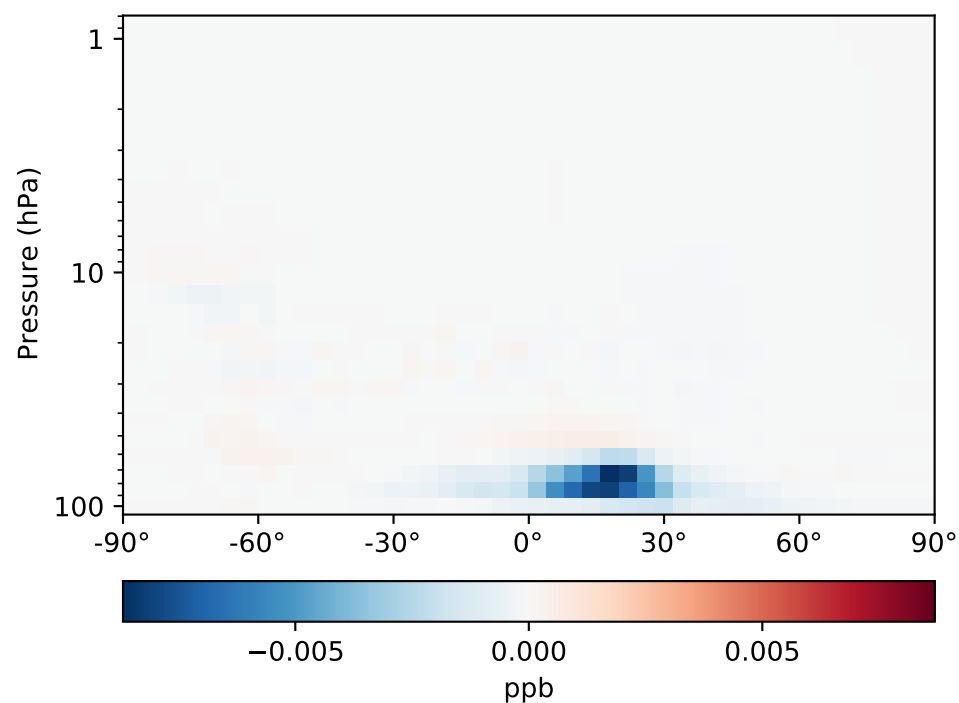


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

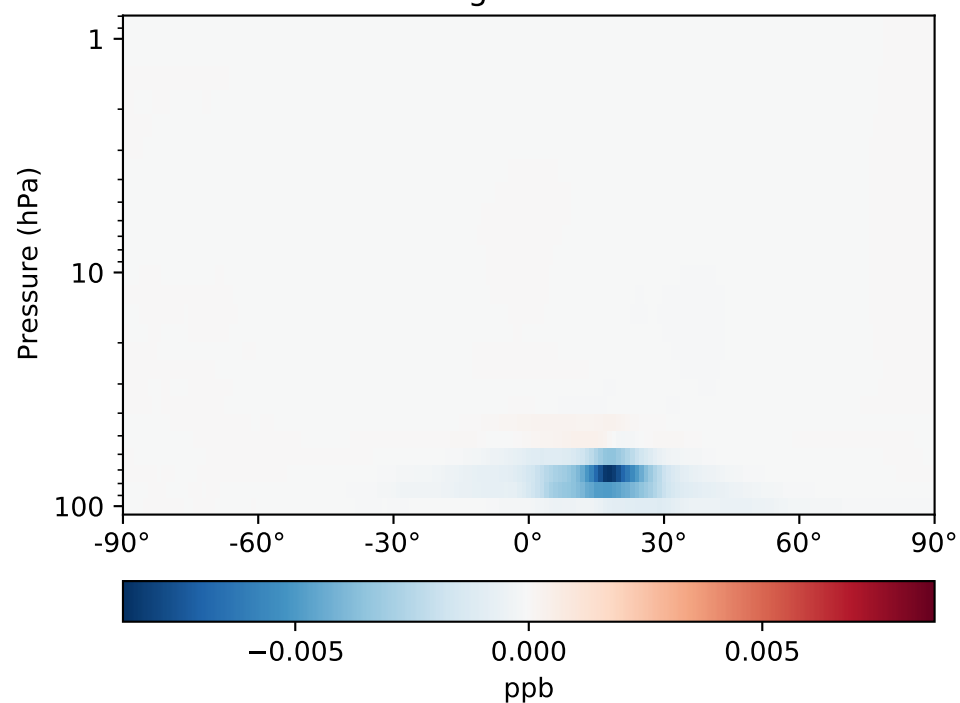


SpeciesConc_ClNO3, Zonal Mean

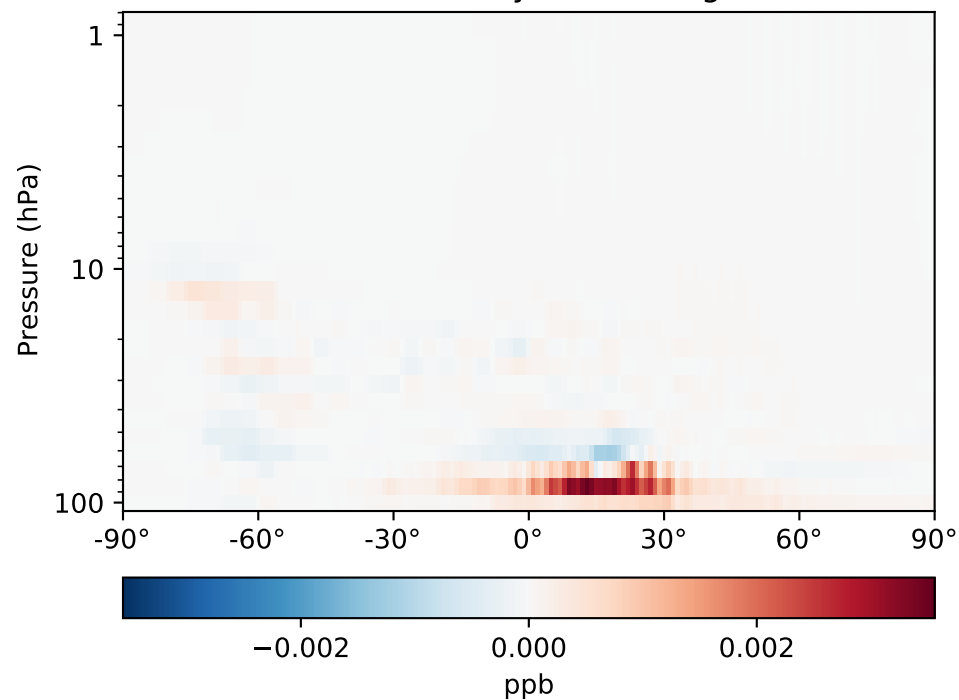
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



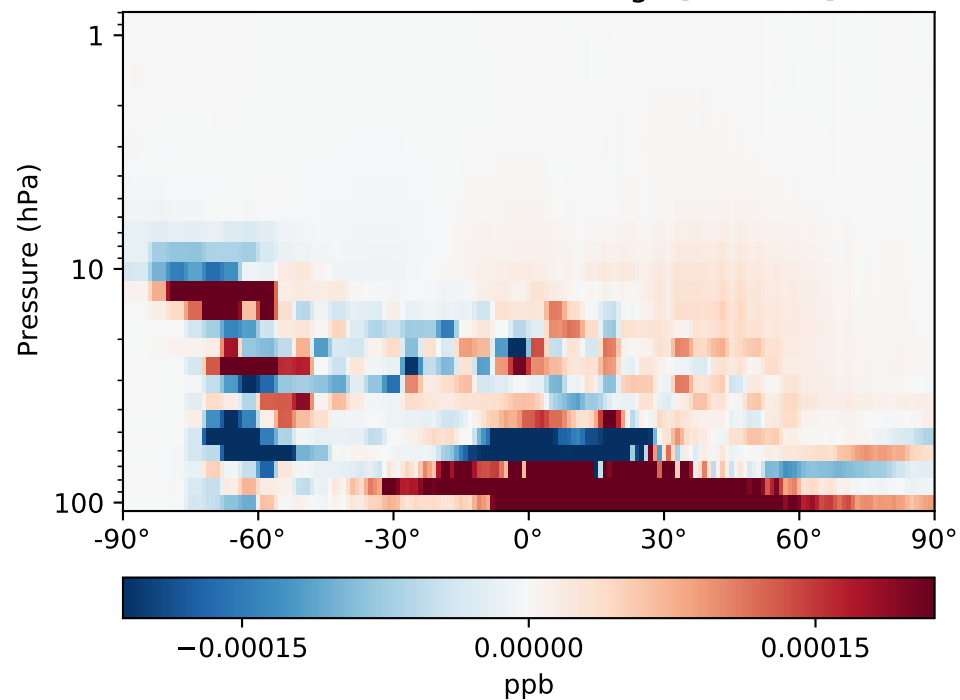
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



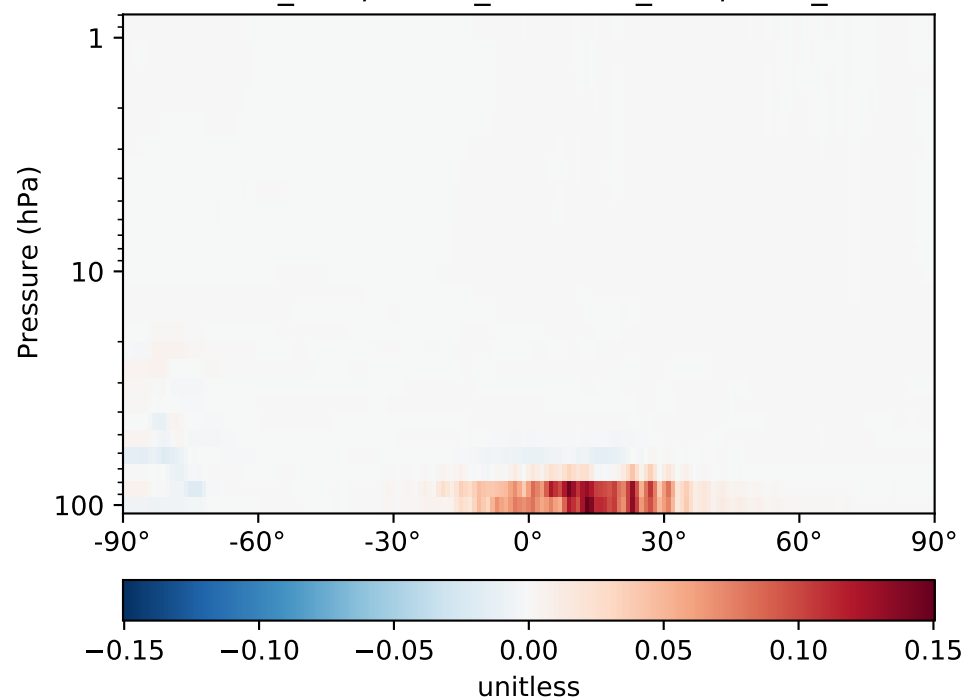
Difference (1x1.25)
Dev - Ref, Dynamic Range



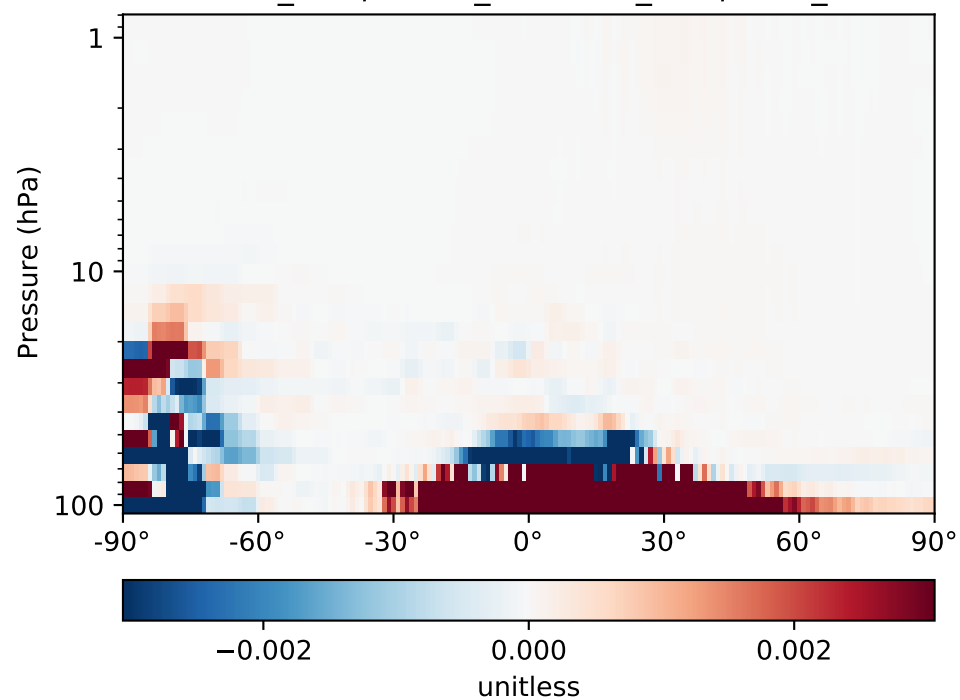
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

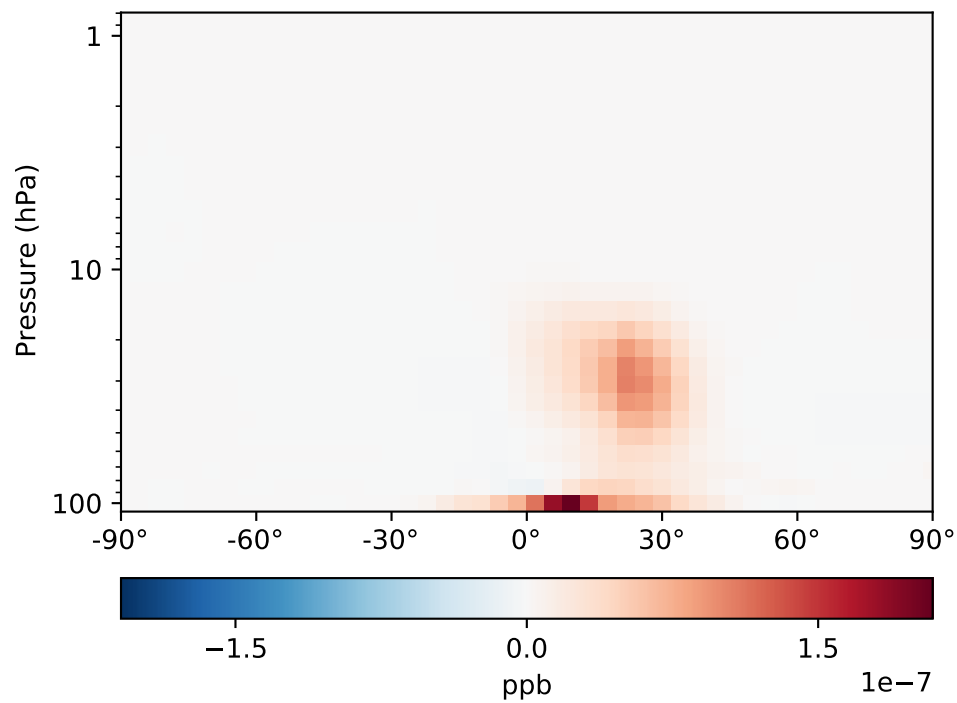


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

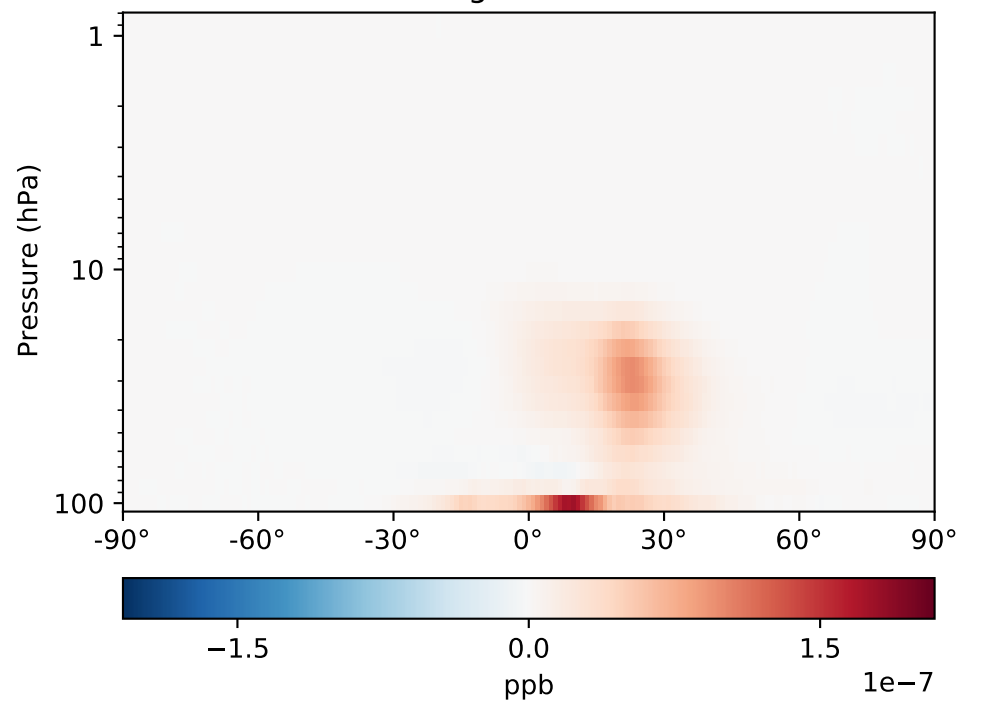


SpeciesConc_CCl4, Zonal Mean

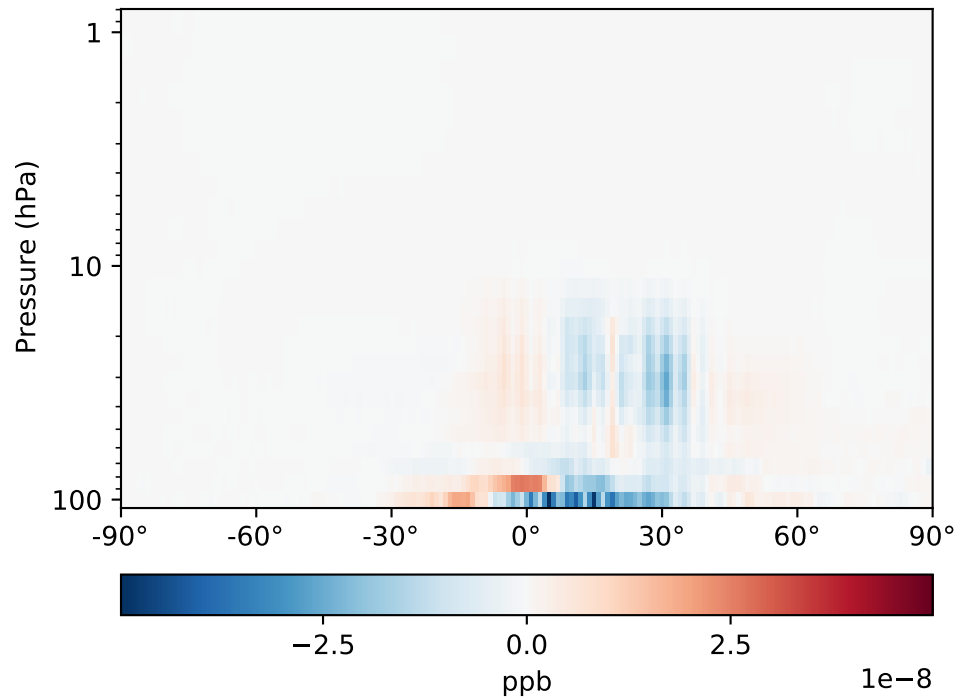
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



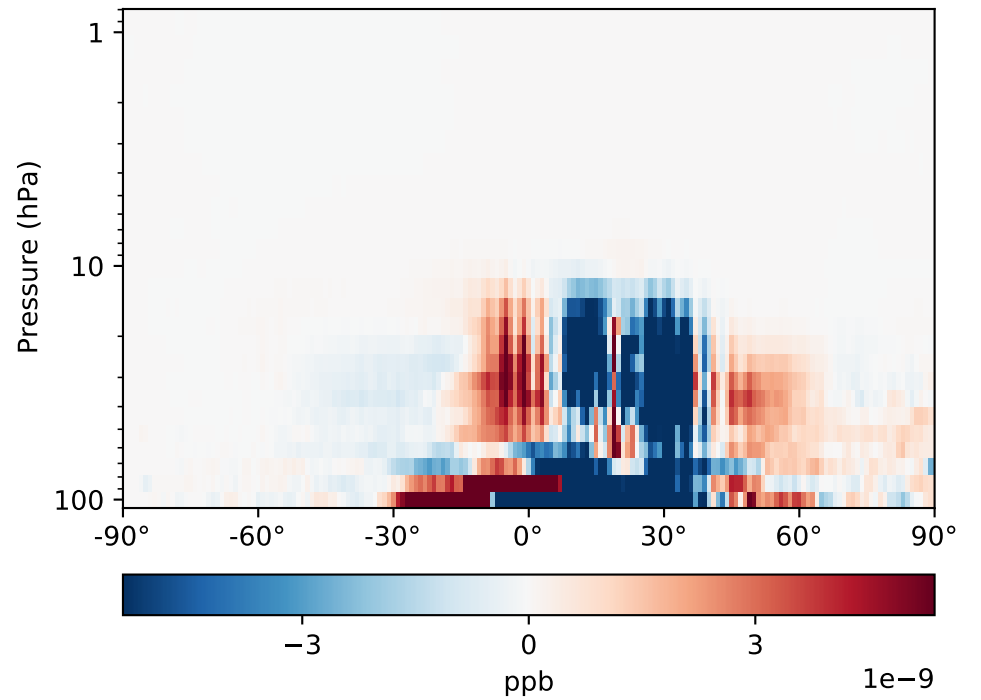
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



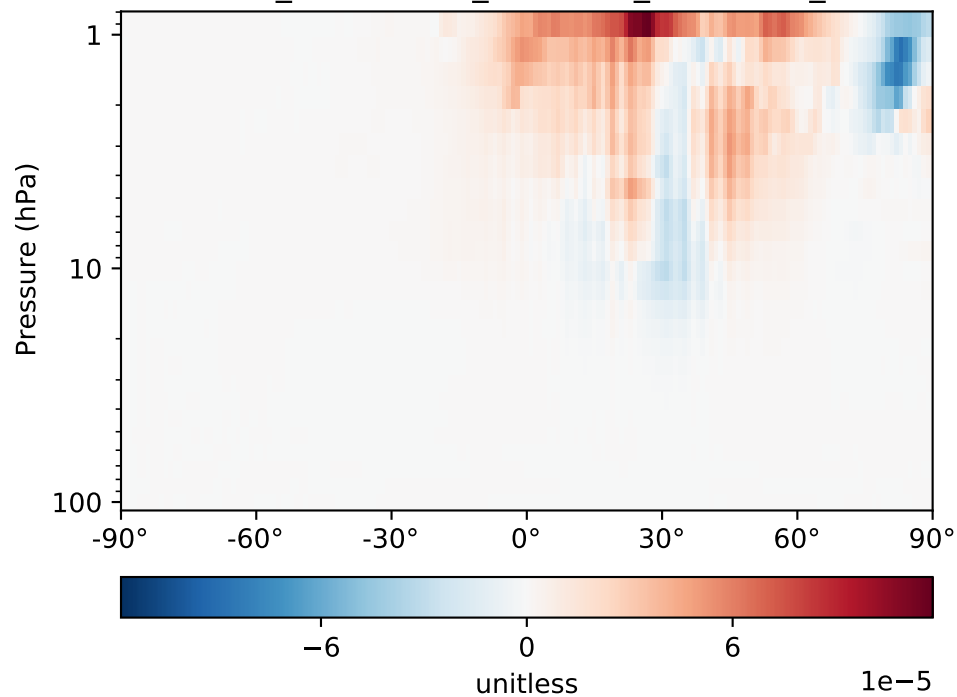
Difference (1x1.25)
Dev - Ref, Dynamic Range



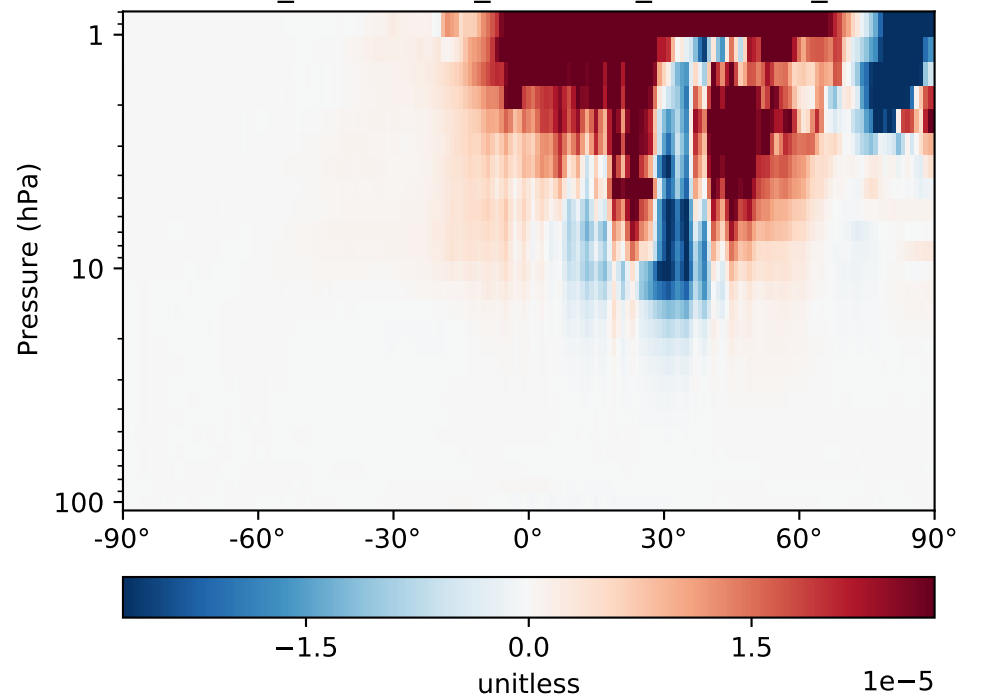
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

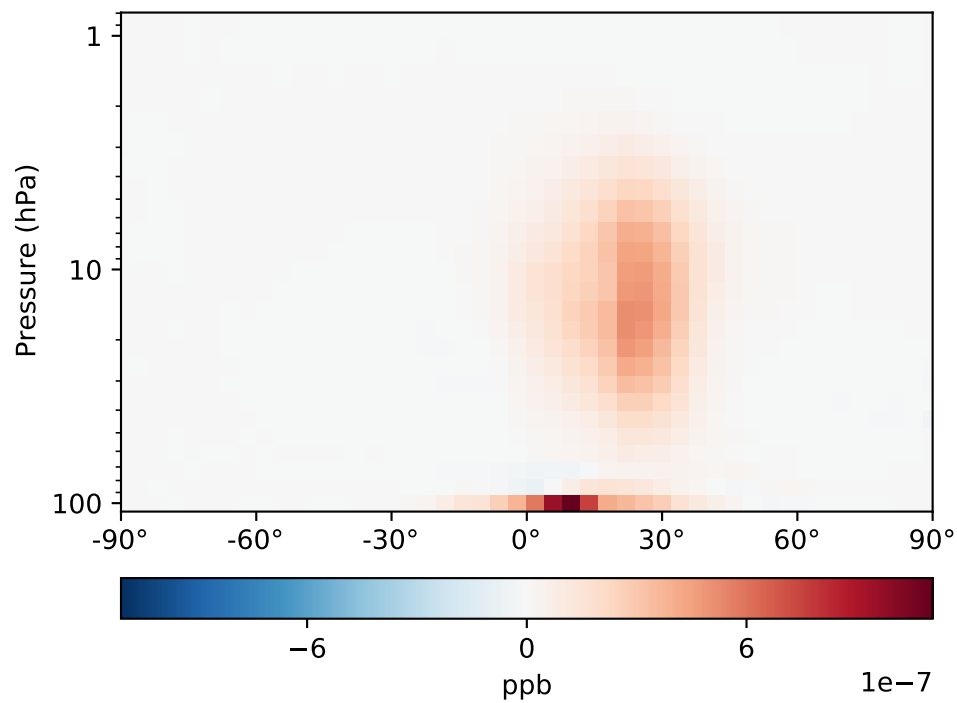


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

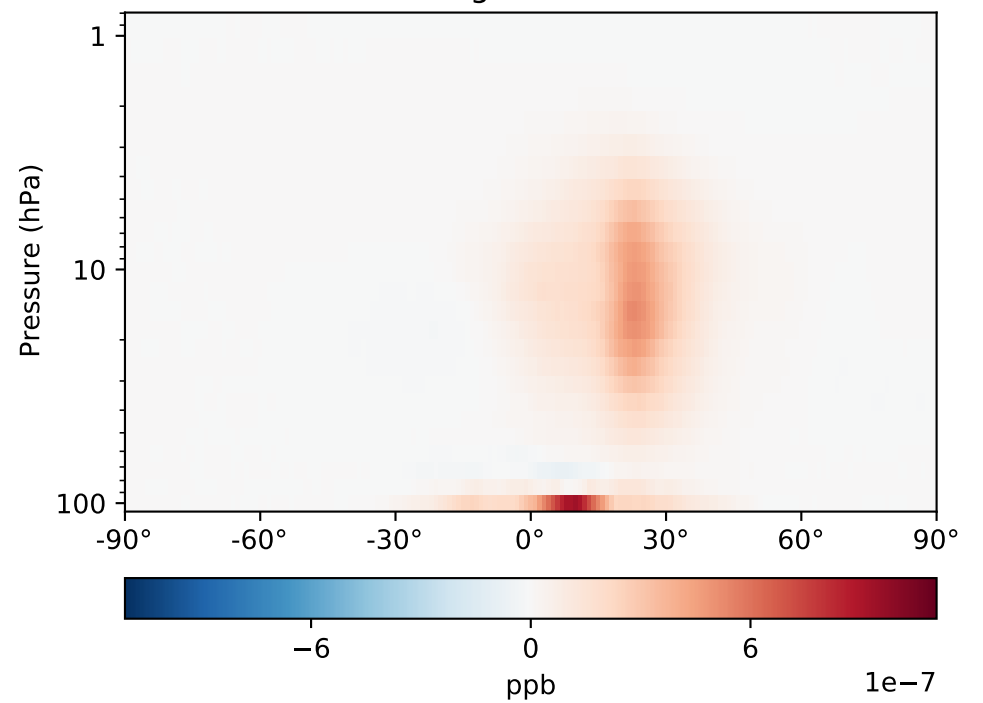


SpeciesConc_CFCs, Zonal Mean

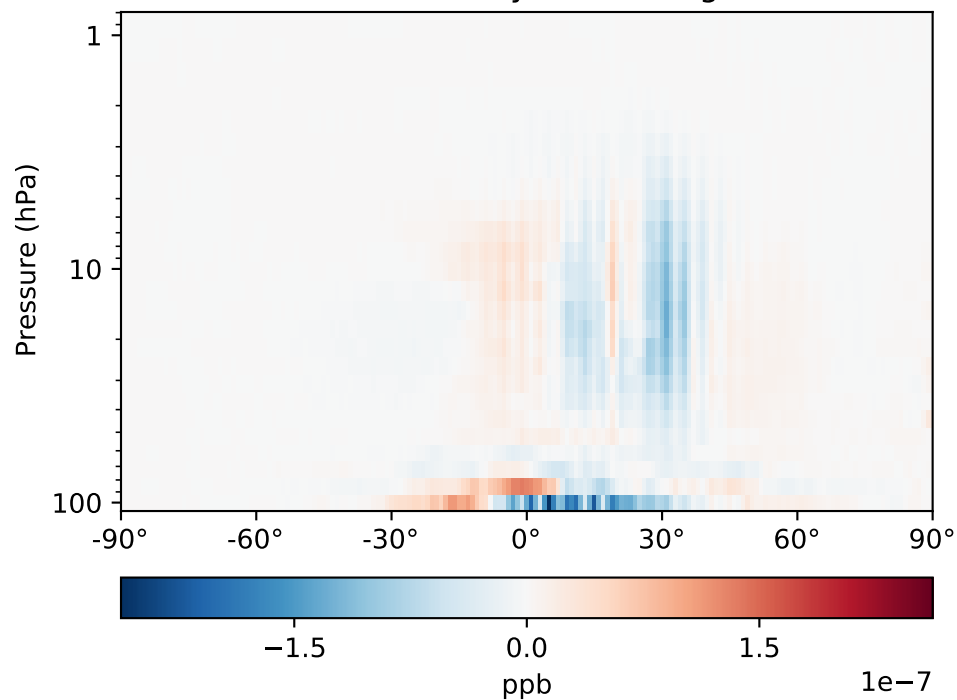
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



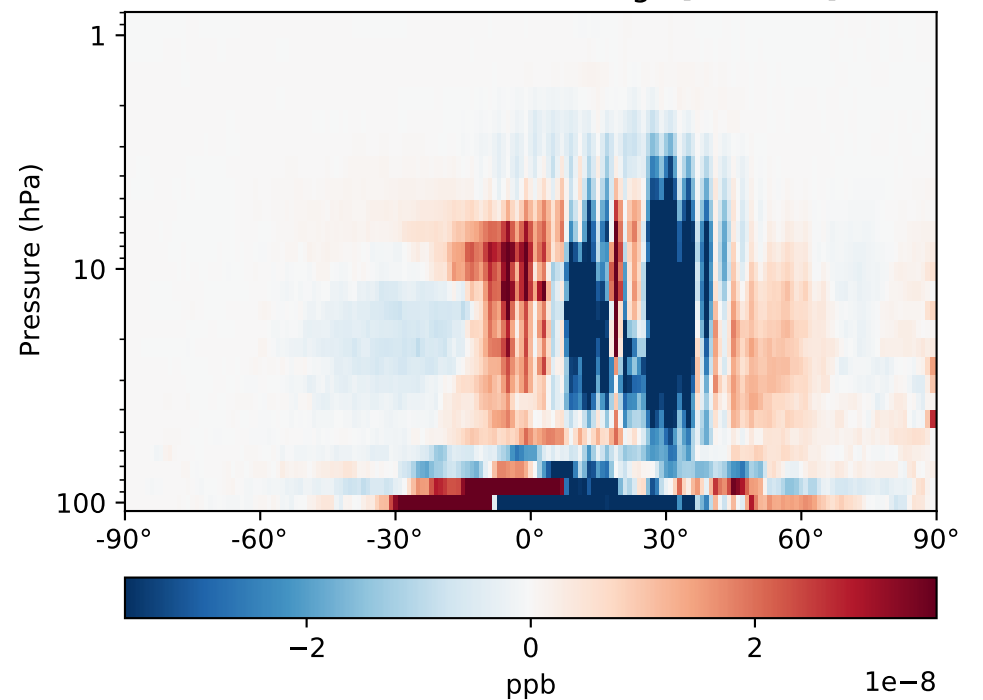
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



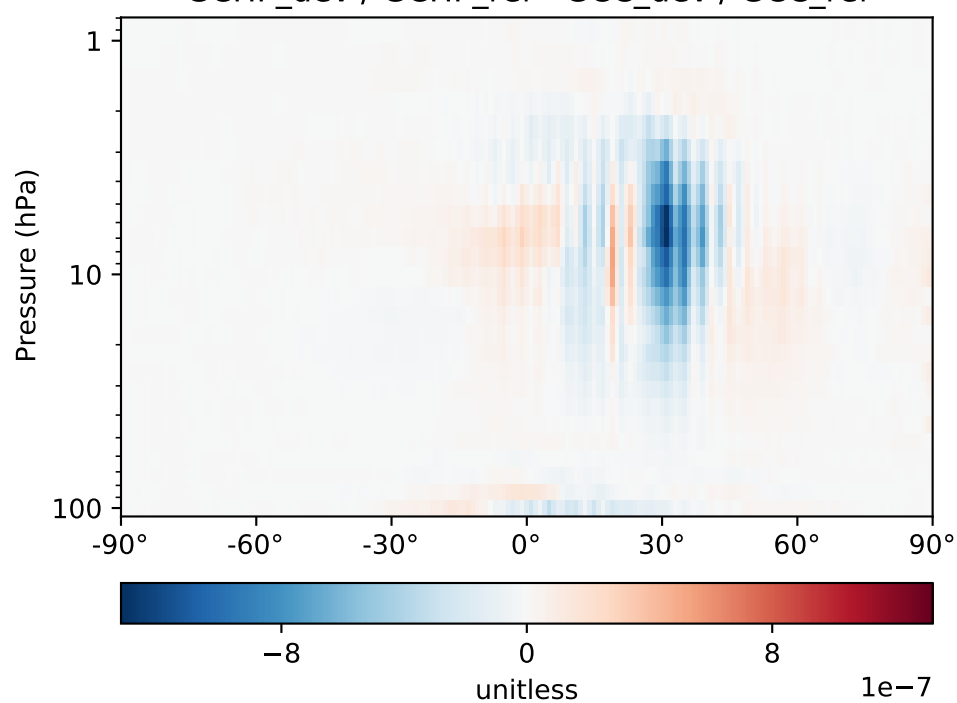
Difference (1x1.25)
Dev - Ref, Dynamic Range



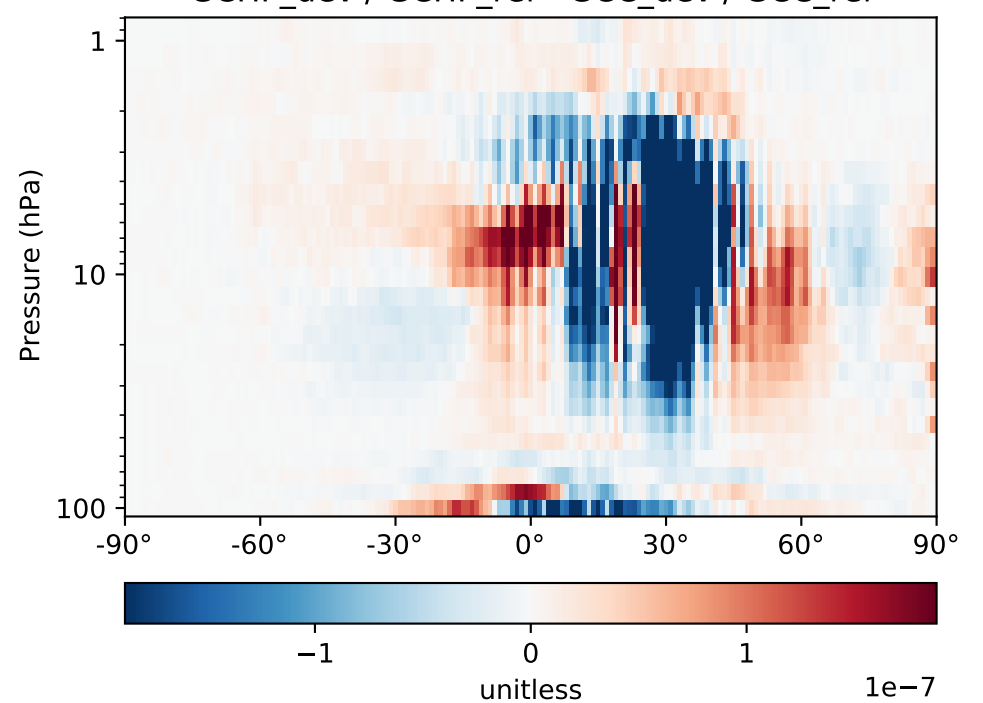
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

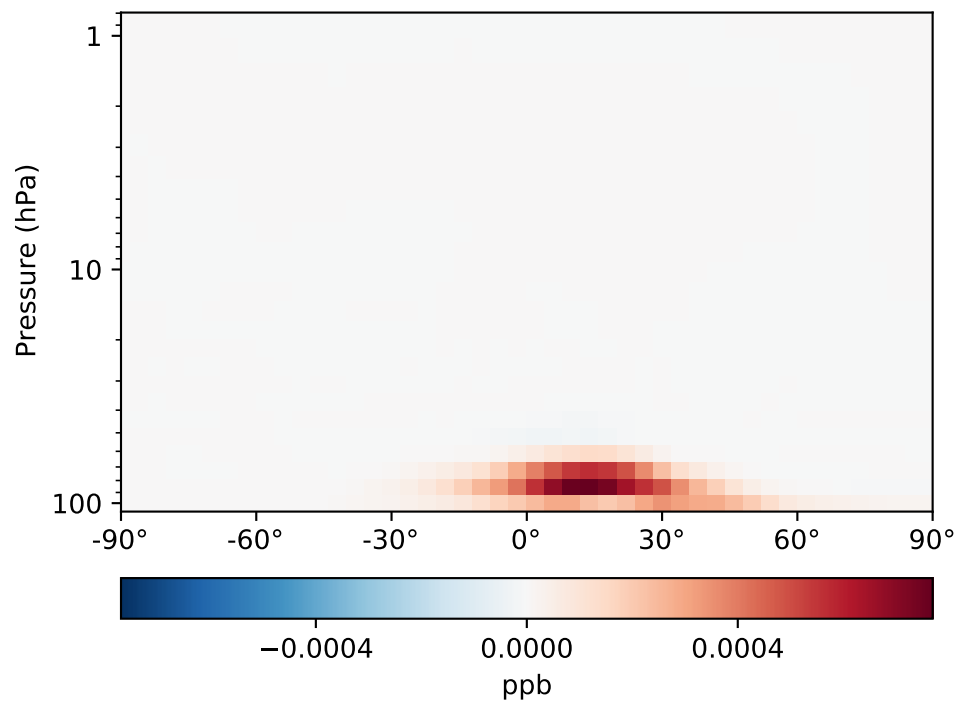


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

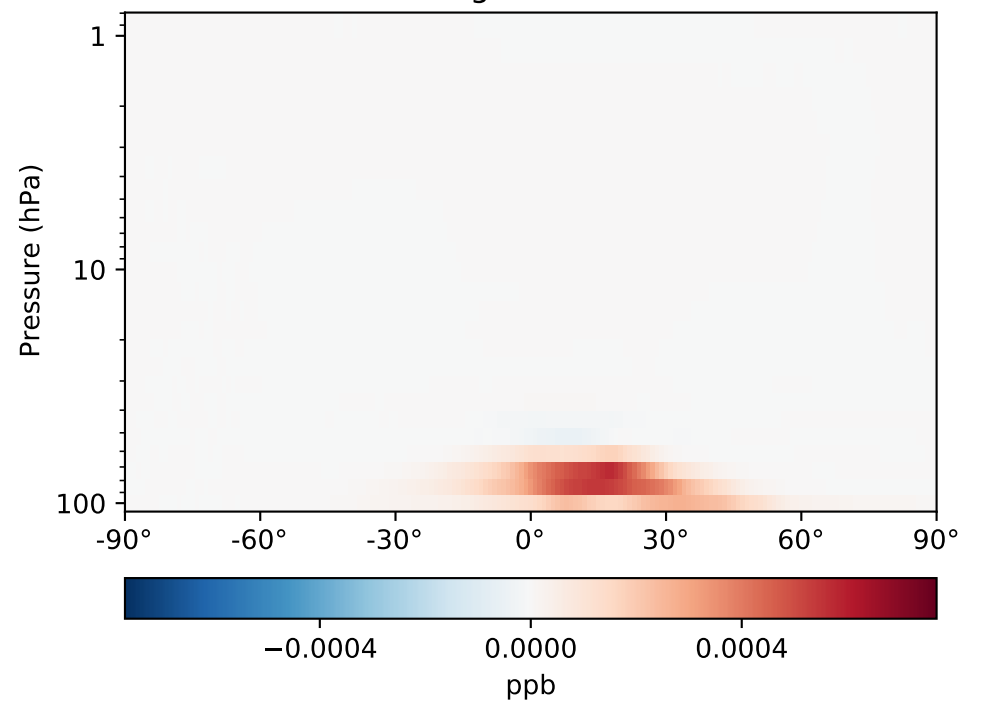


SpeciesConc_CH3Cl, Zonal Mean

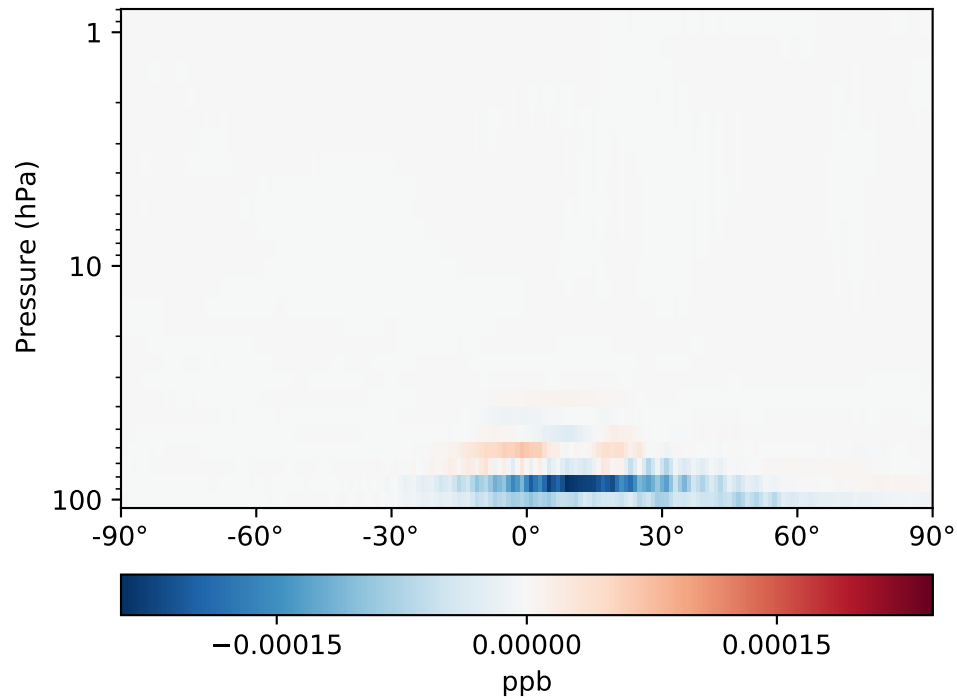
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



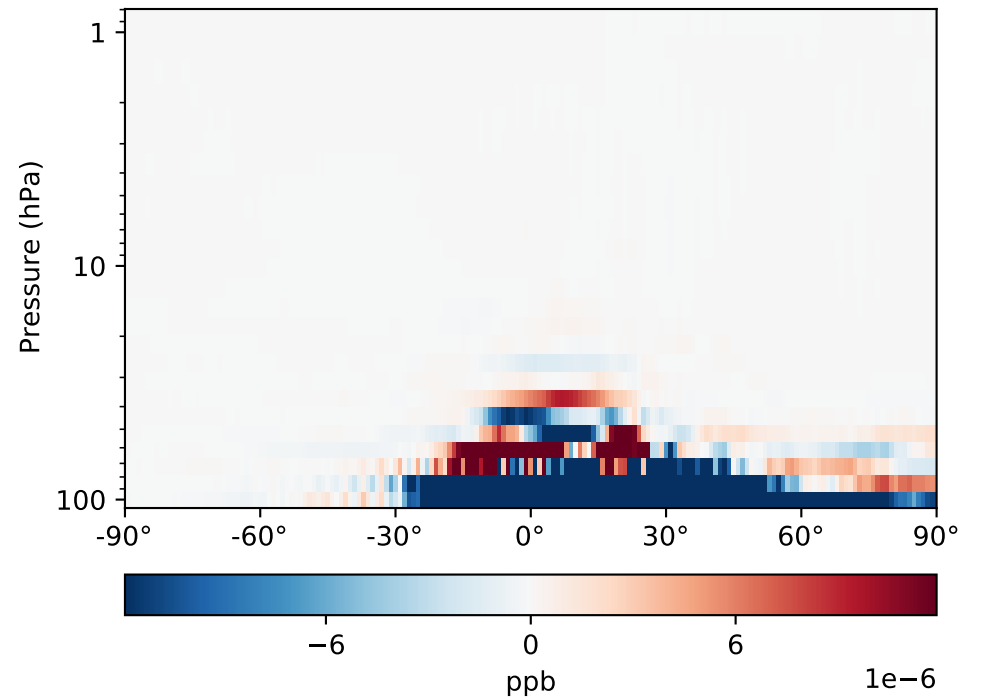
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



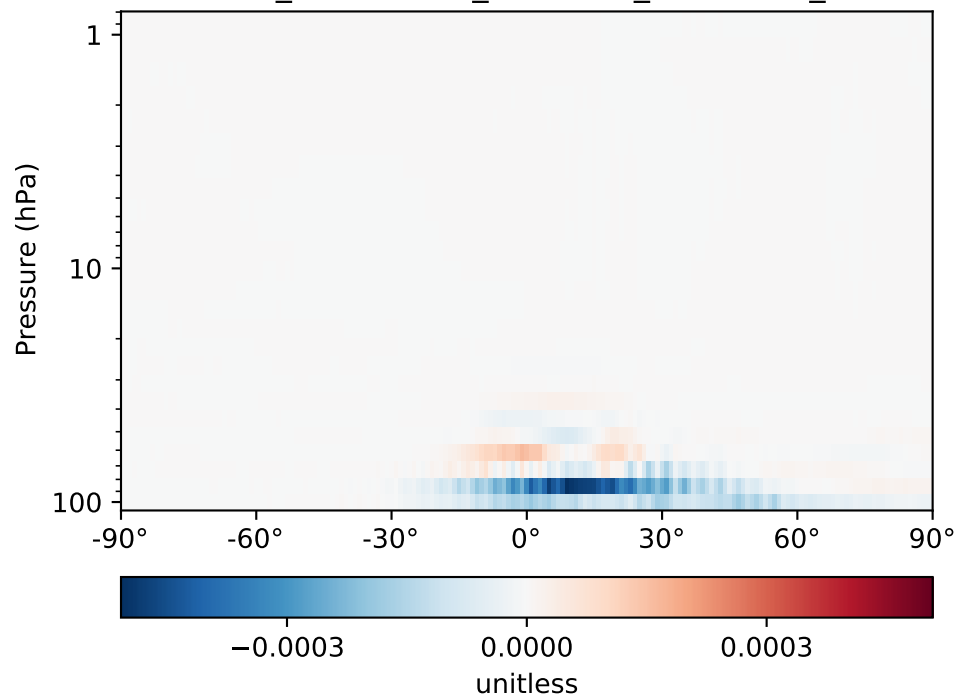
Difference (1x1.25)
Dev - Ref, Dynamic Range



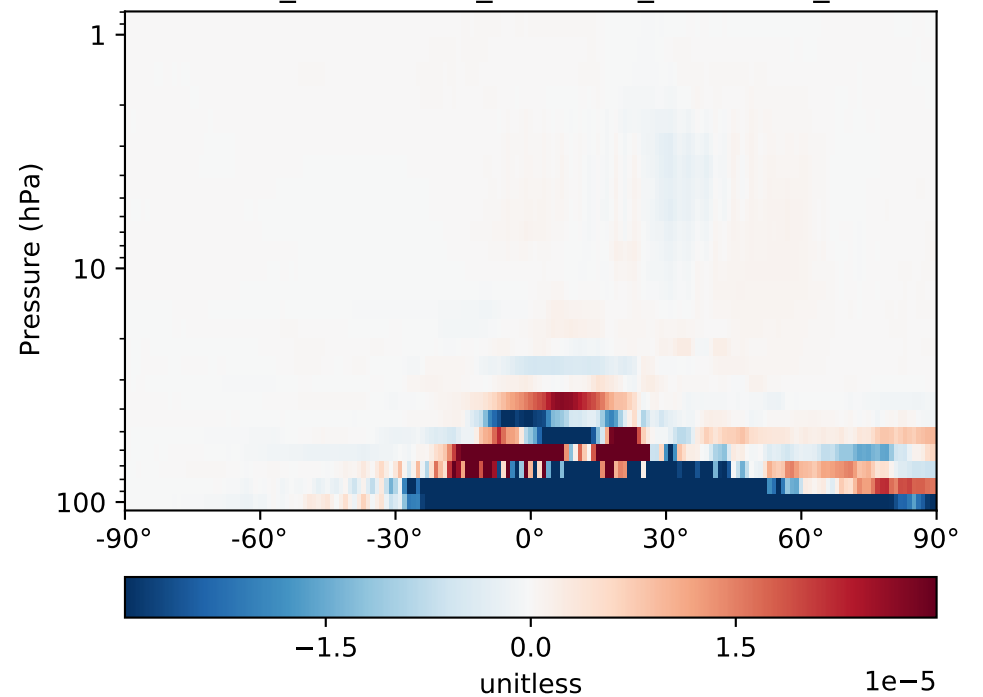
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

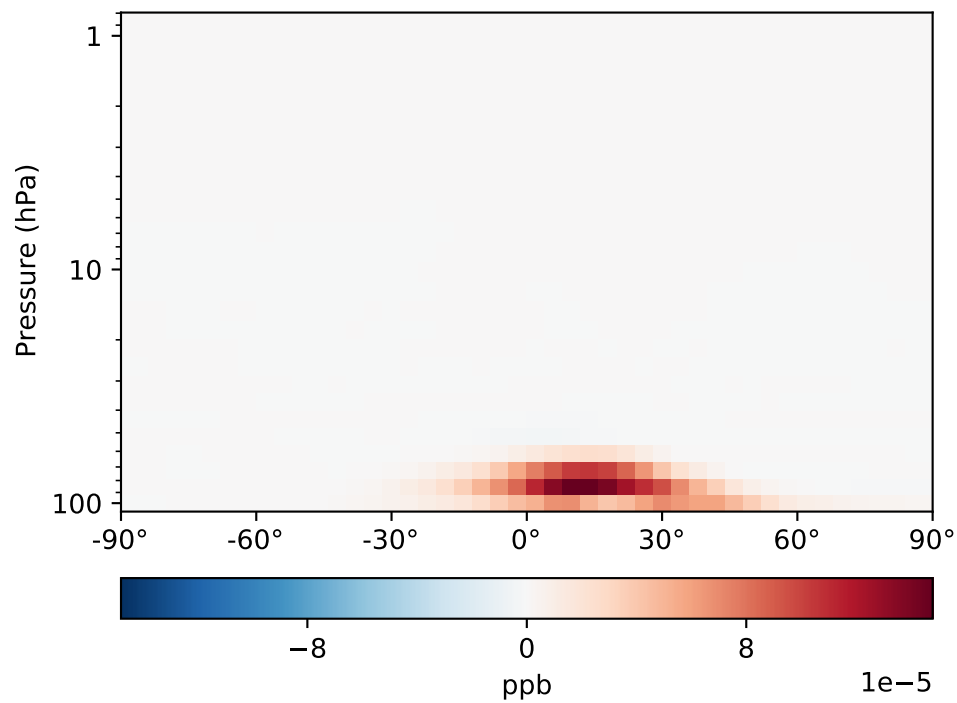


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

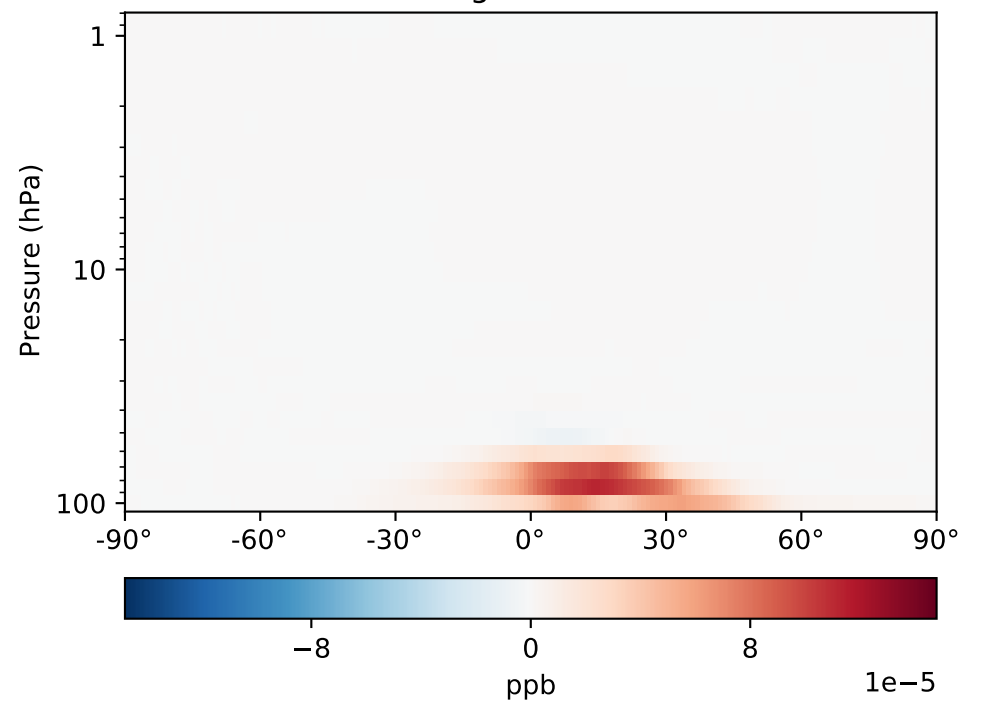


SpeciesConc_CH2Cl2, Zonal Mean

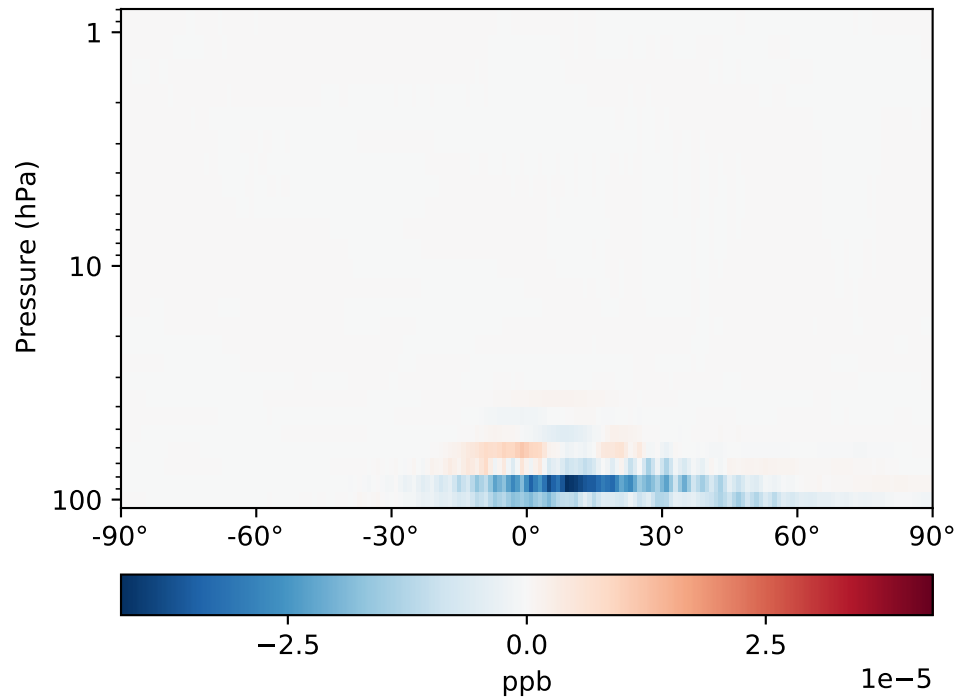
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



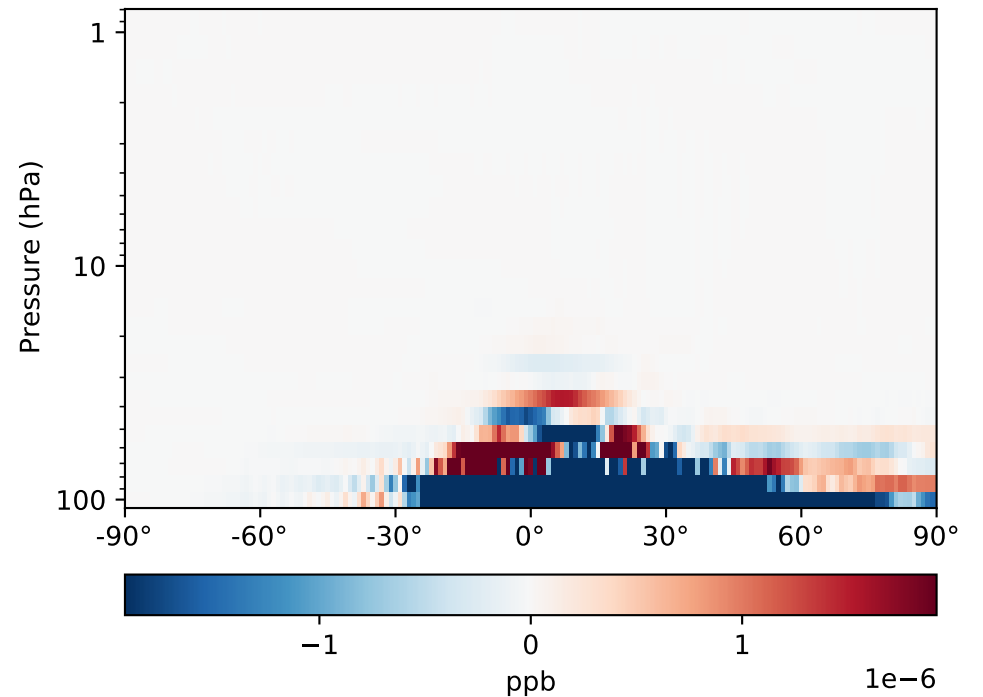
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



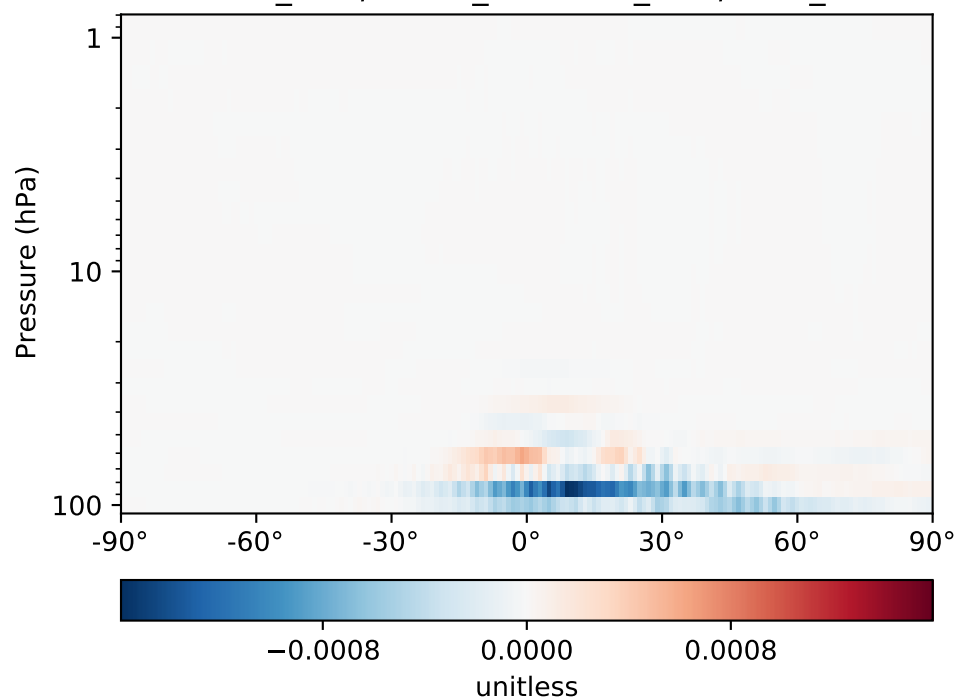
Difference (1x1.25)
Dev - Ref, Dynamic Range



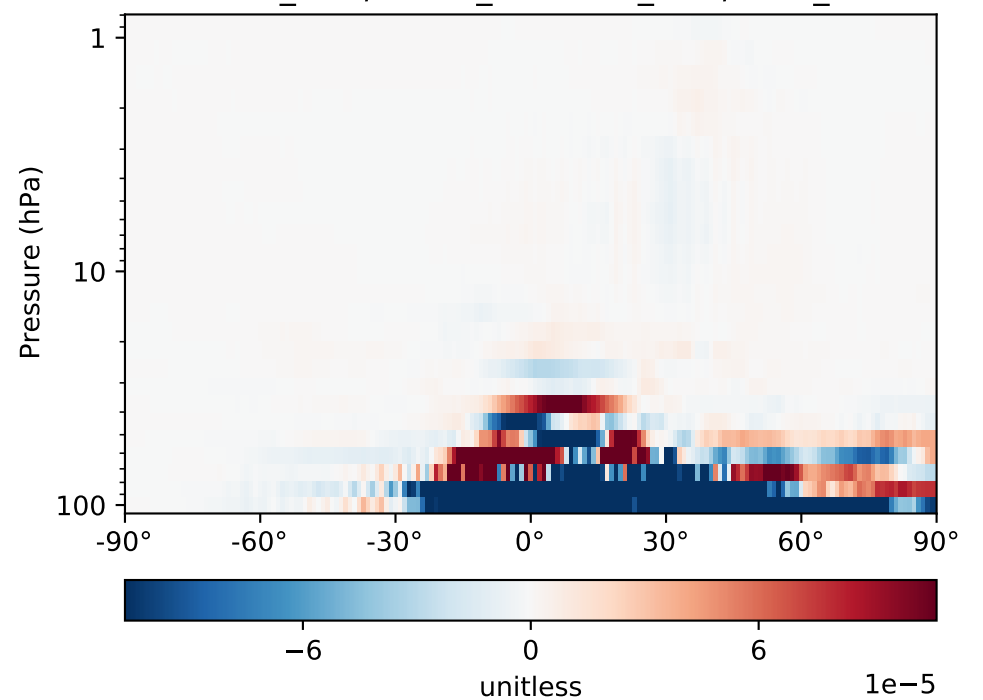
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

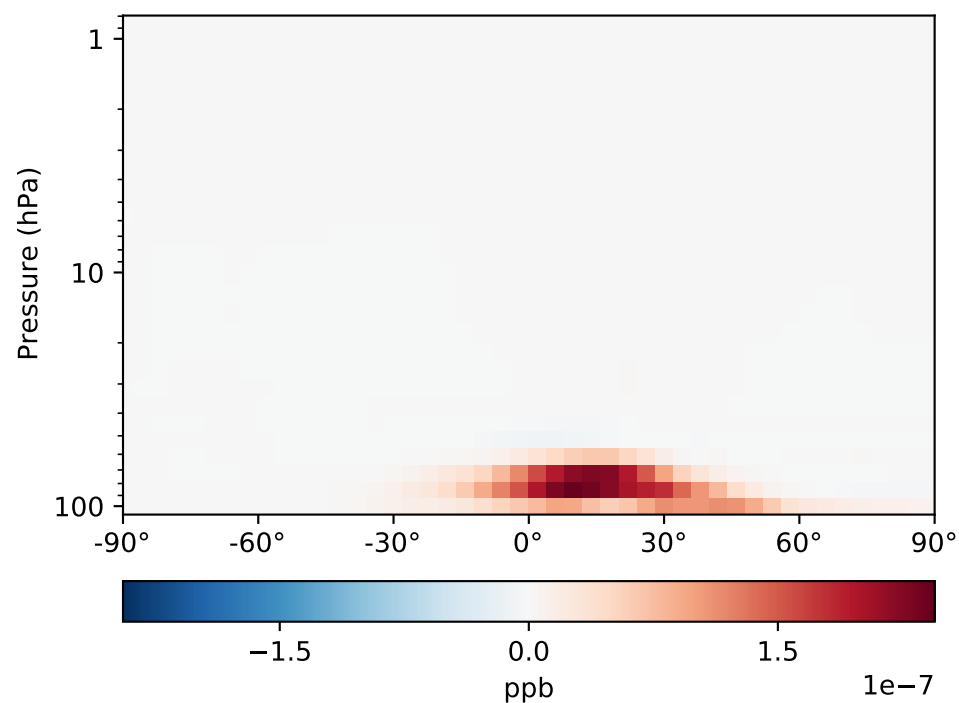


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

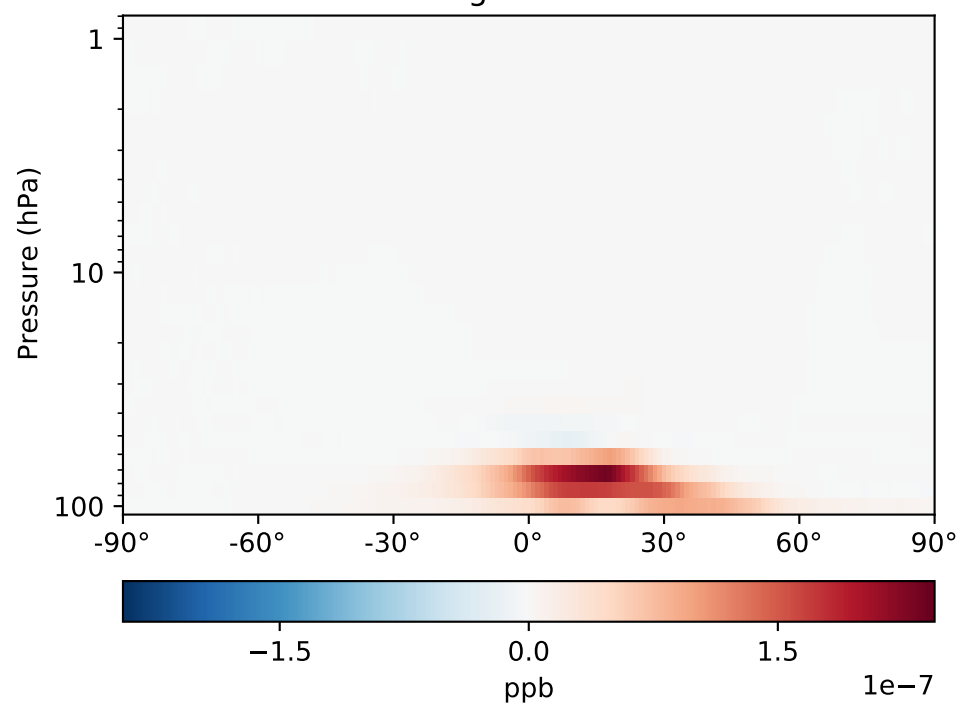


SpeciesConc_CH3CCl3, Zonal Mean

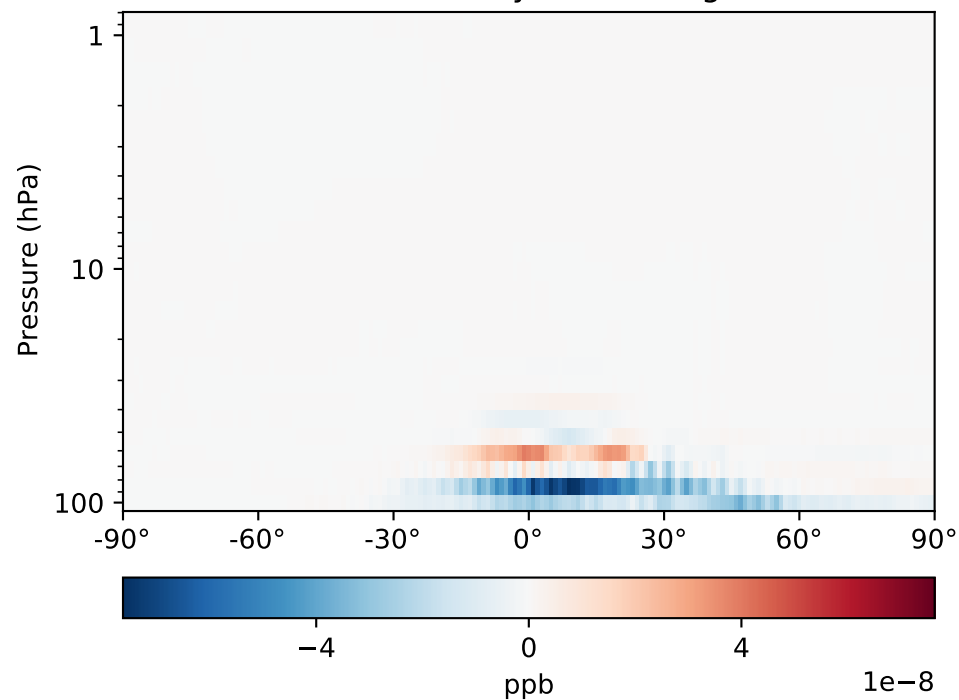
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



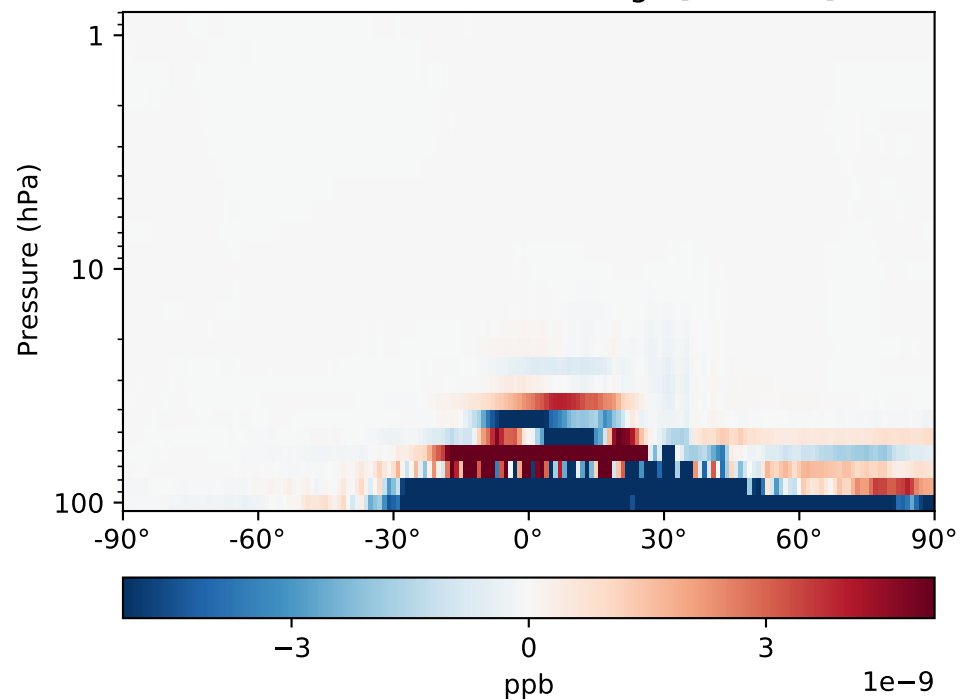
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



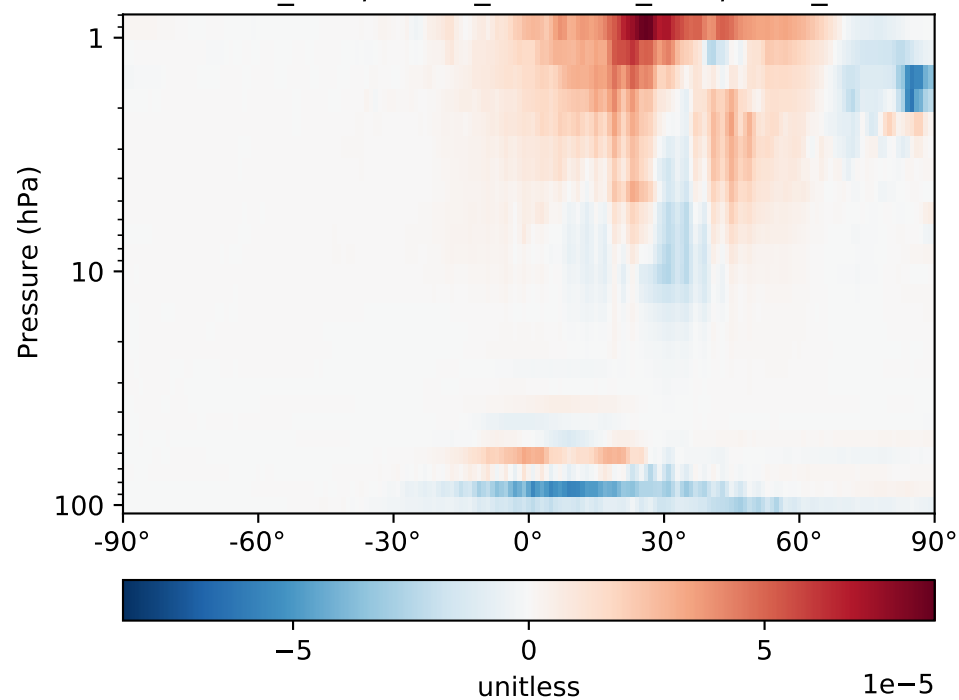
Difference (1x1.25)
Dev - Ref, Dynamic Range



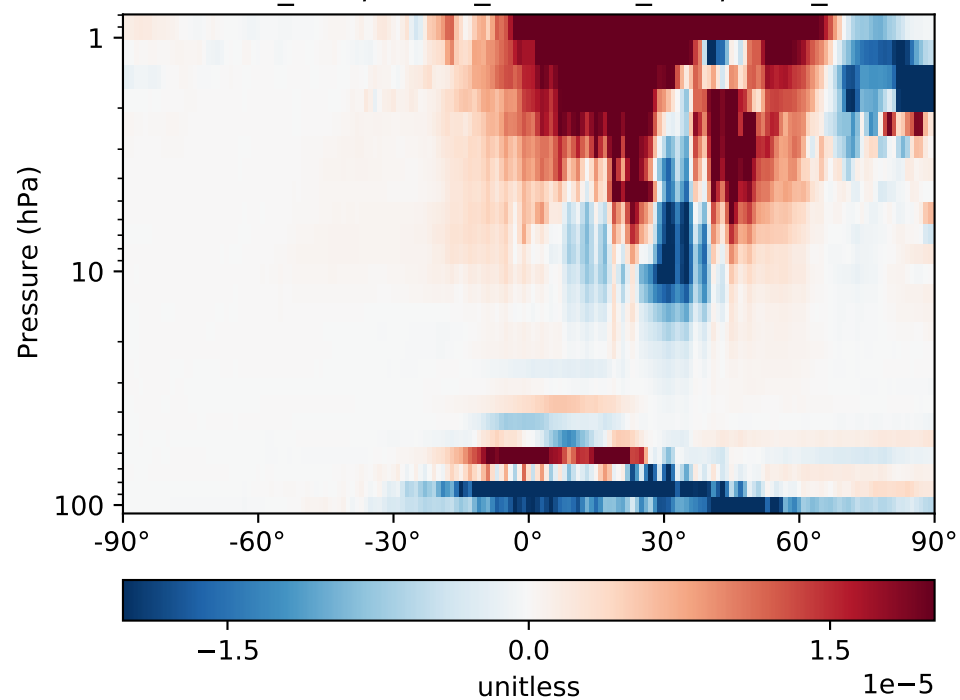
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

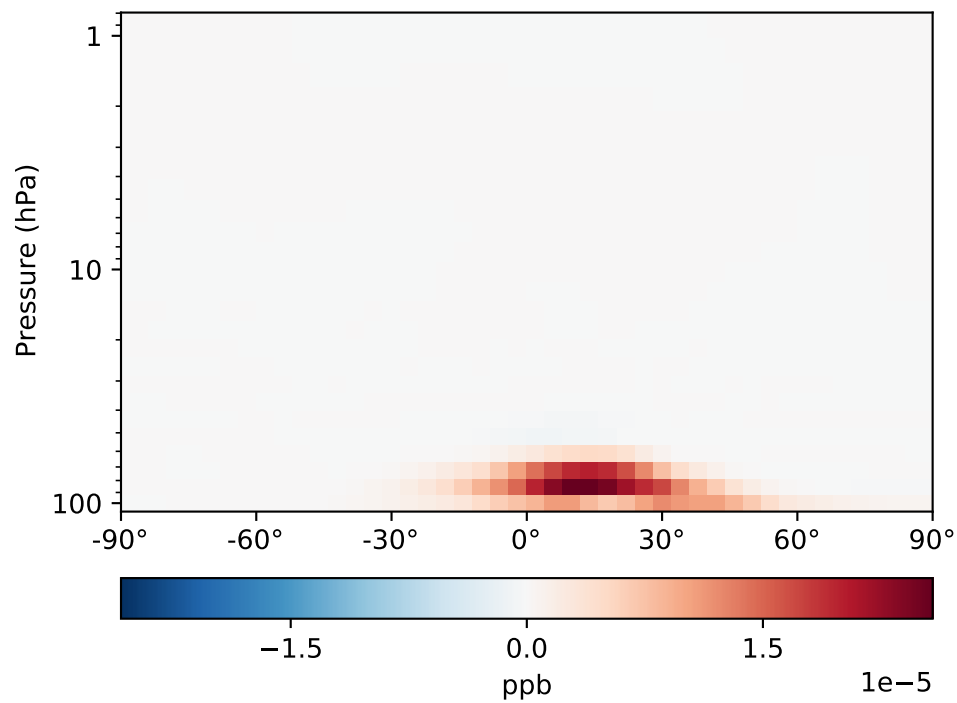


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

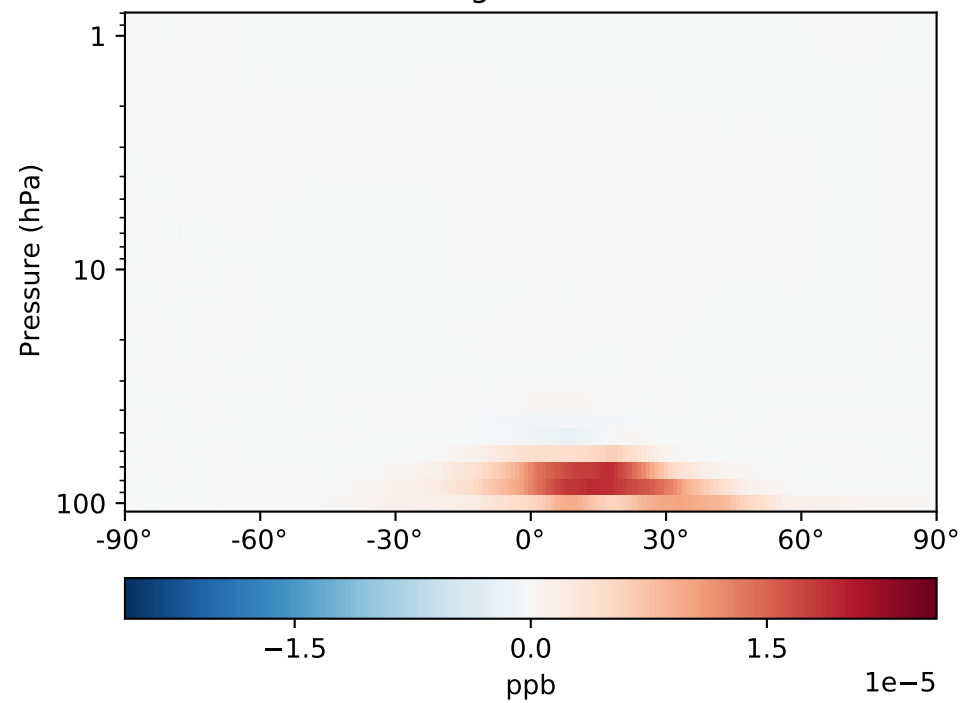


SpeciesConc_CHCl3, Zonal Mean

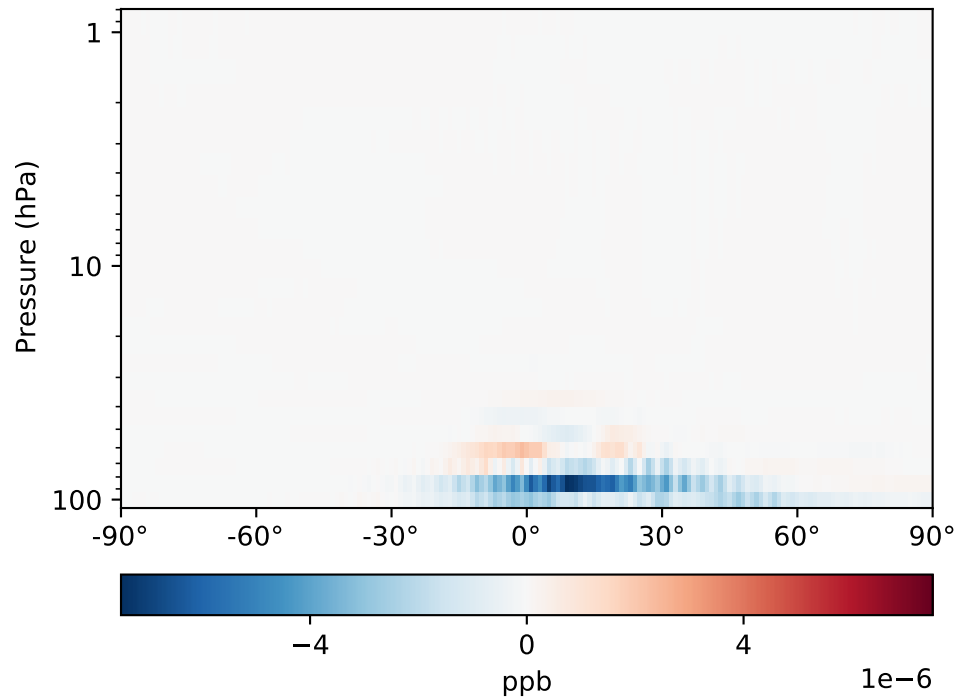
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



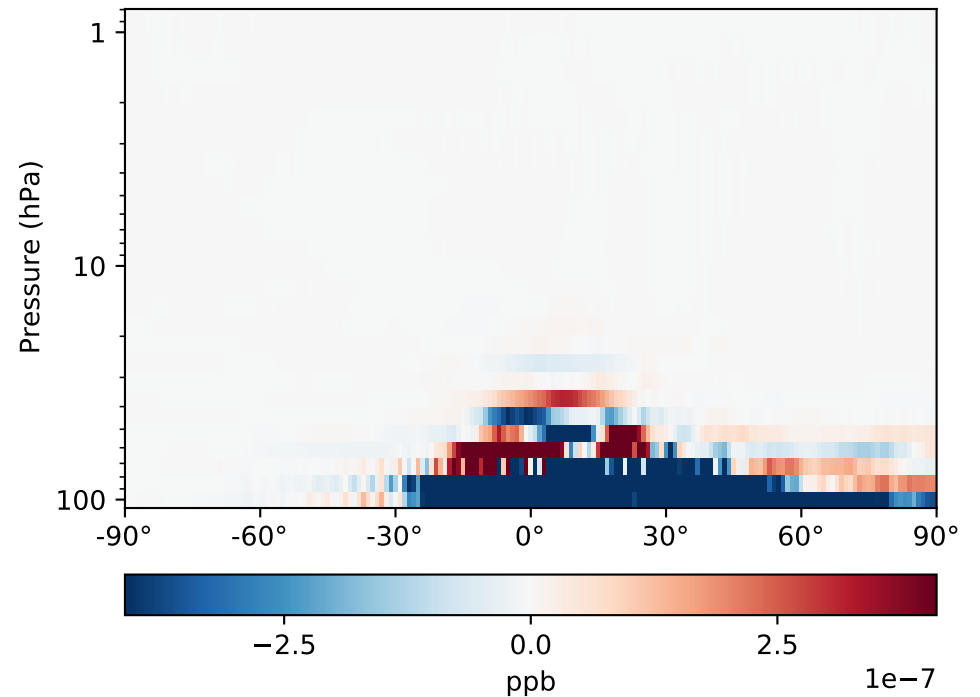
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



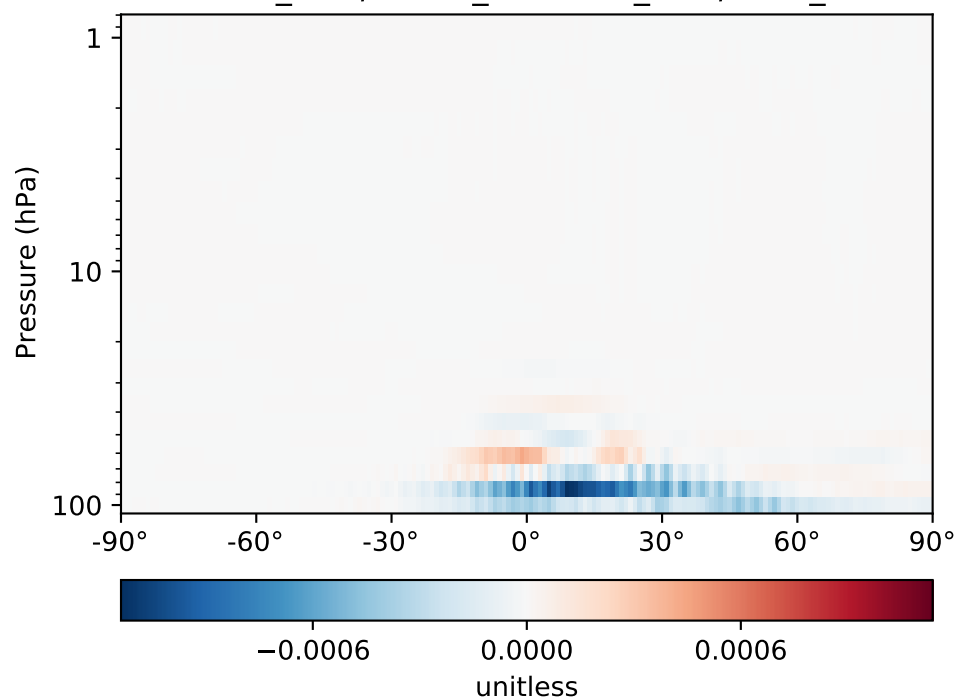
Difference (1x1.25)
Dev - Ref, Dynamic Range



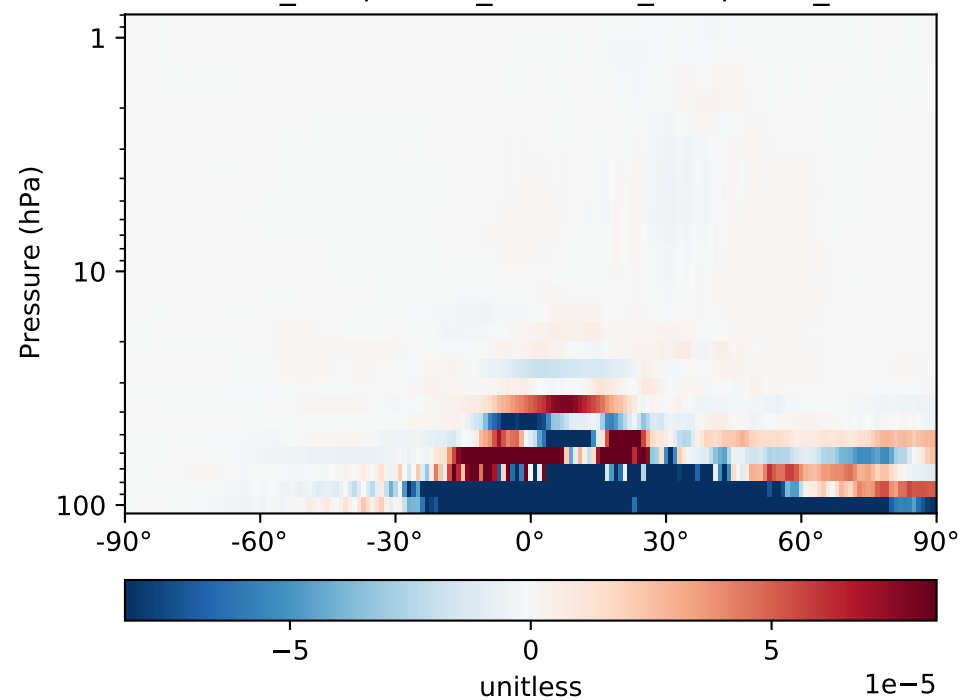
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

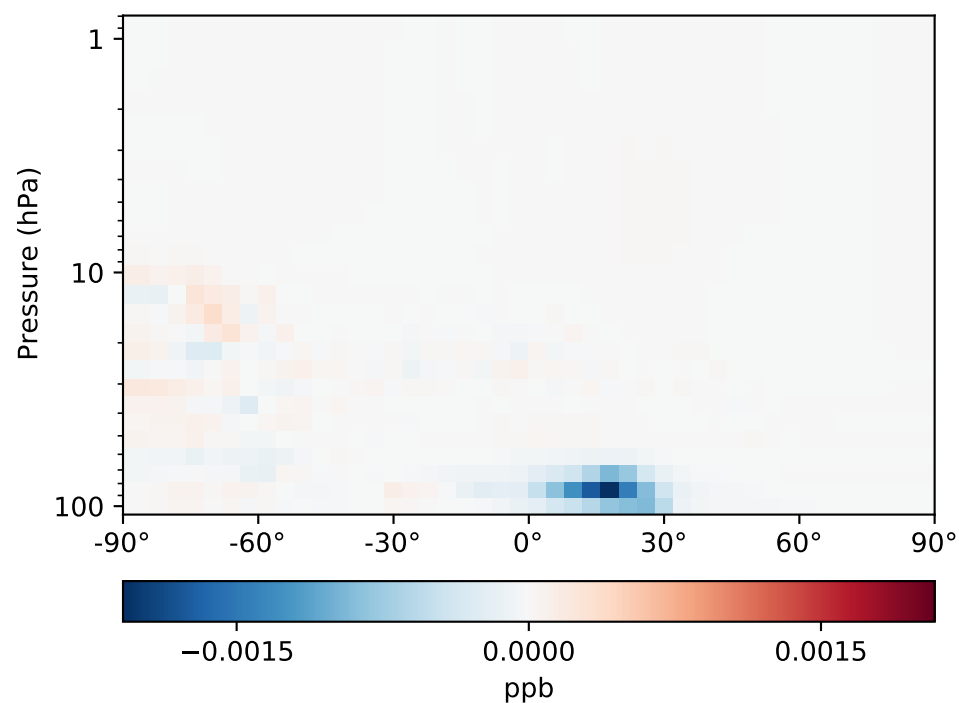


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

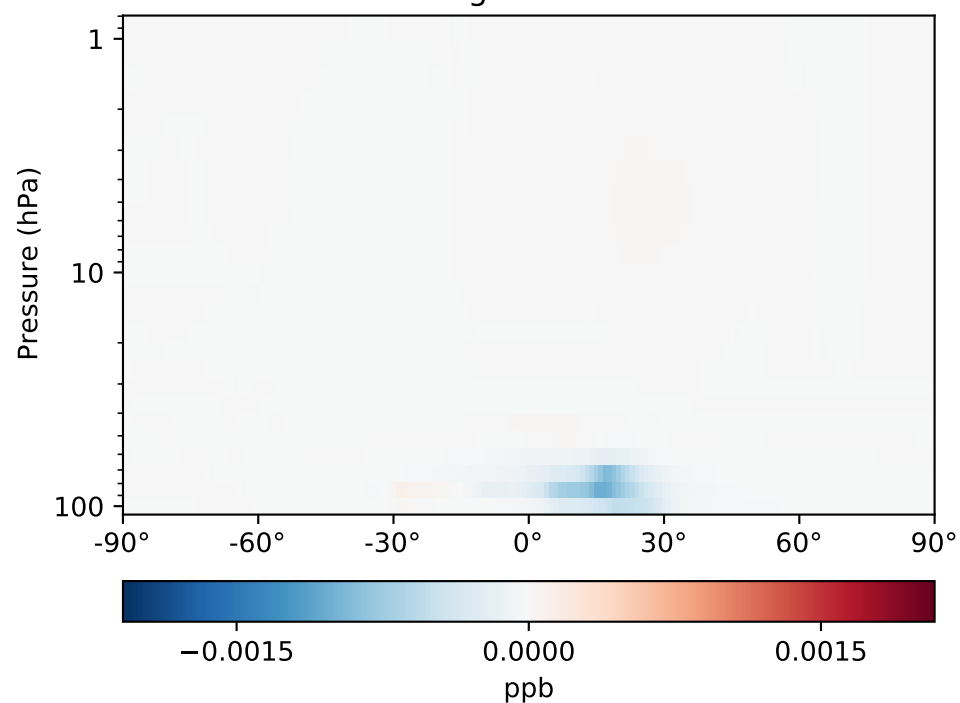


SpeciesConc_HOCl, Zonal Mean

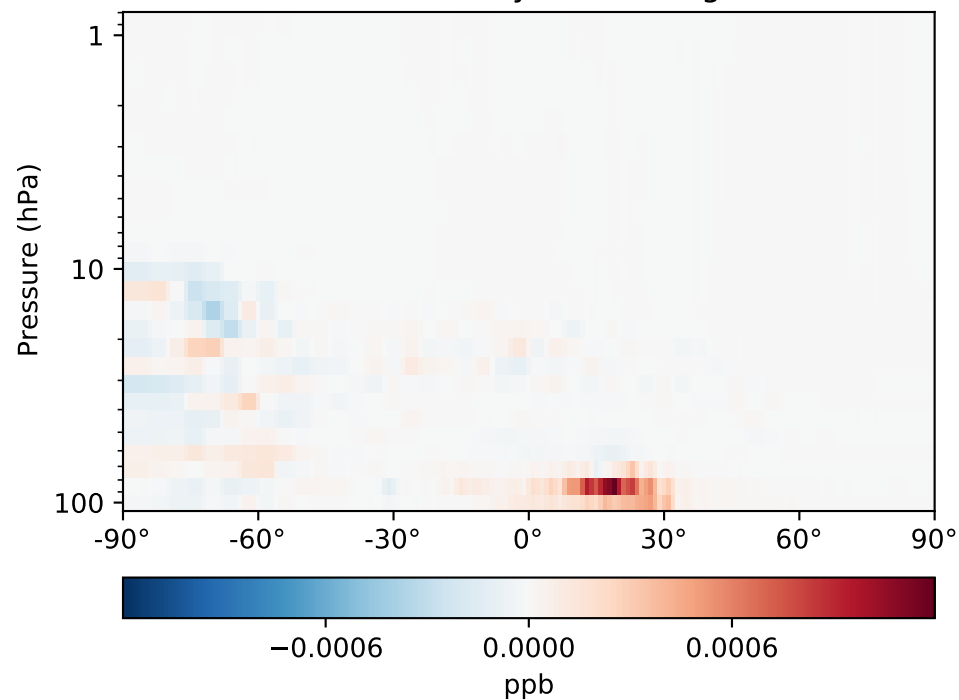
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



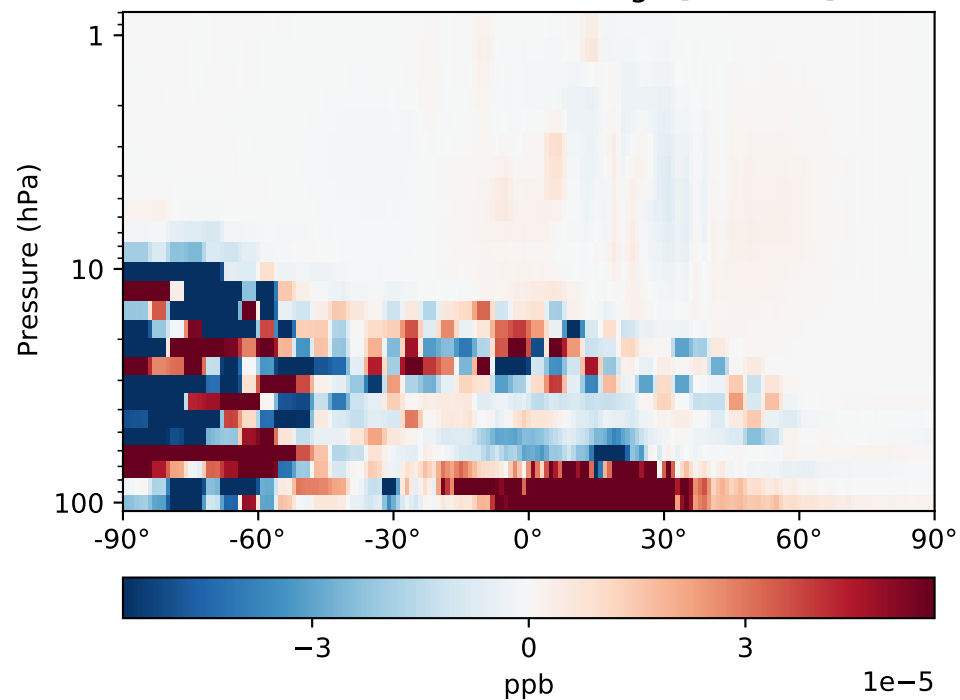
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



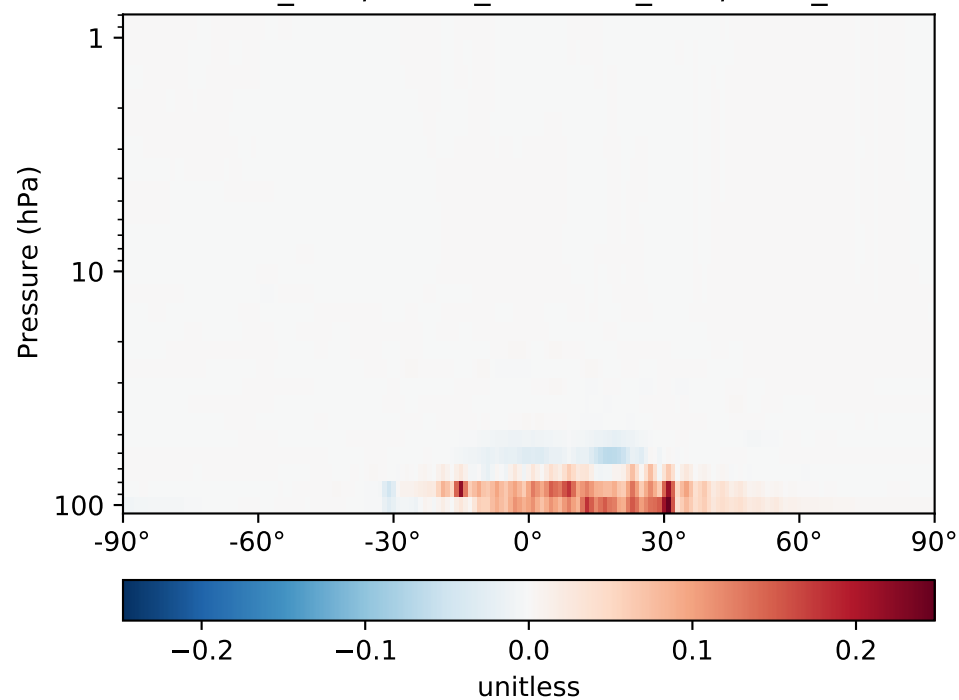
Difference (1x1.25)
Dev - Ref, Dynamic Range



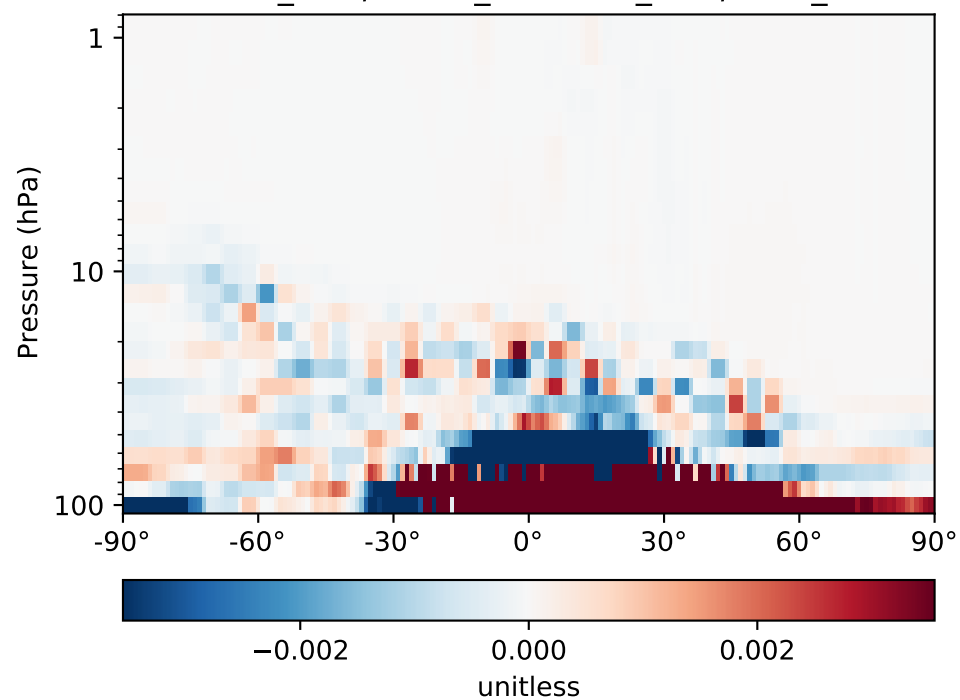
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

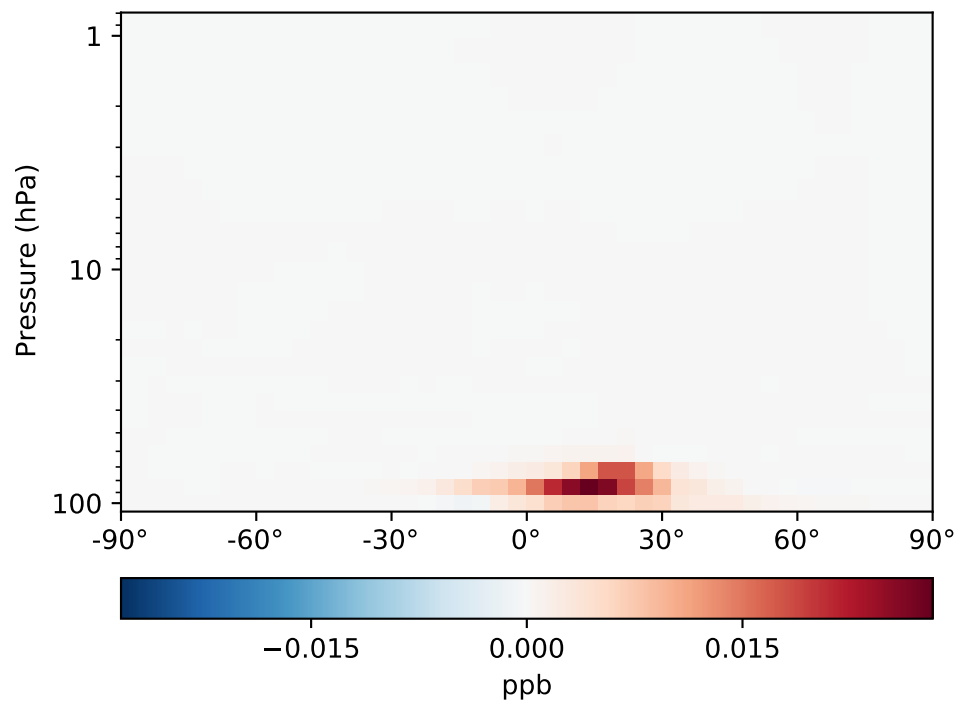


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

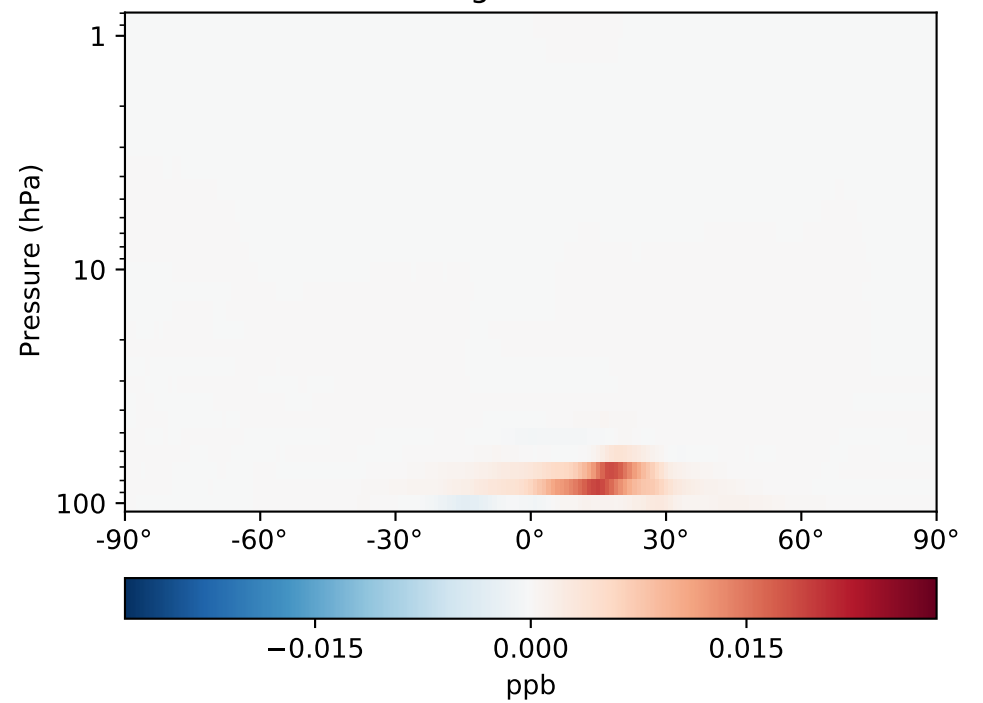


SpeciesConc_HCl, Zonal Mean

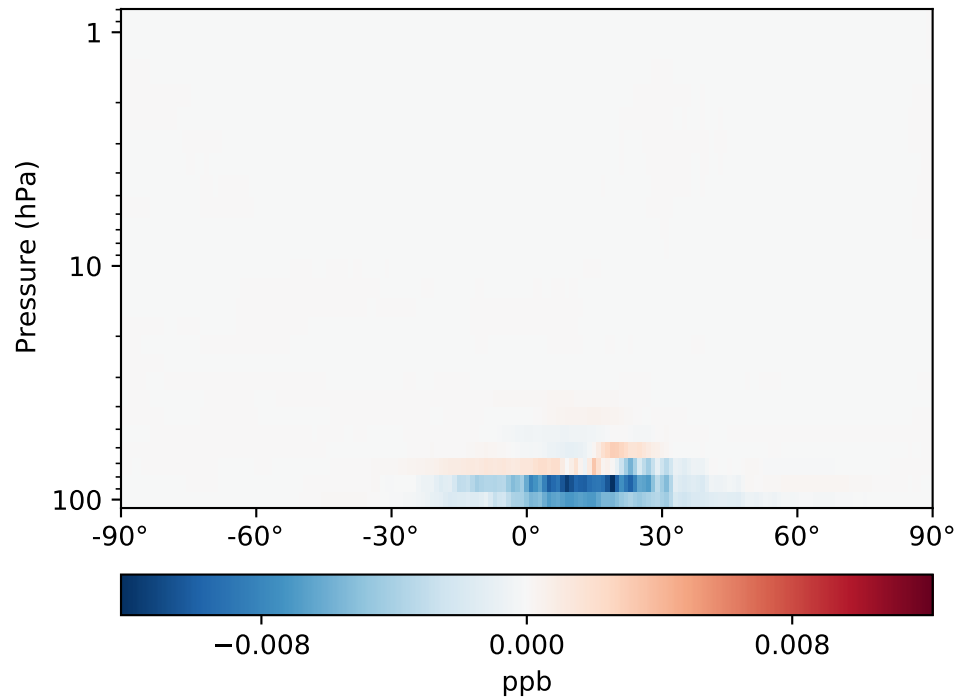
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



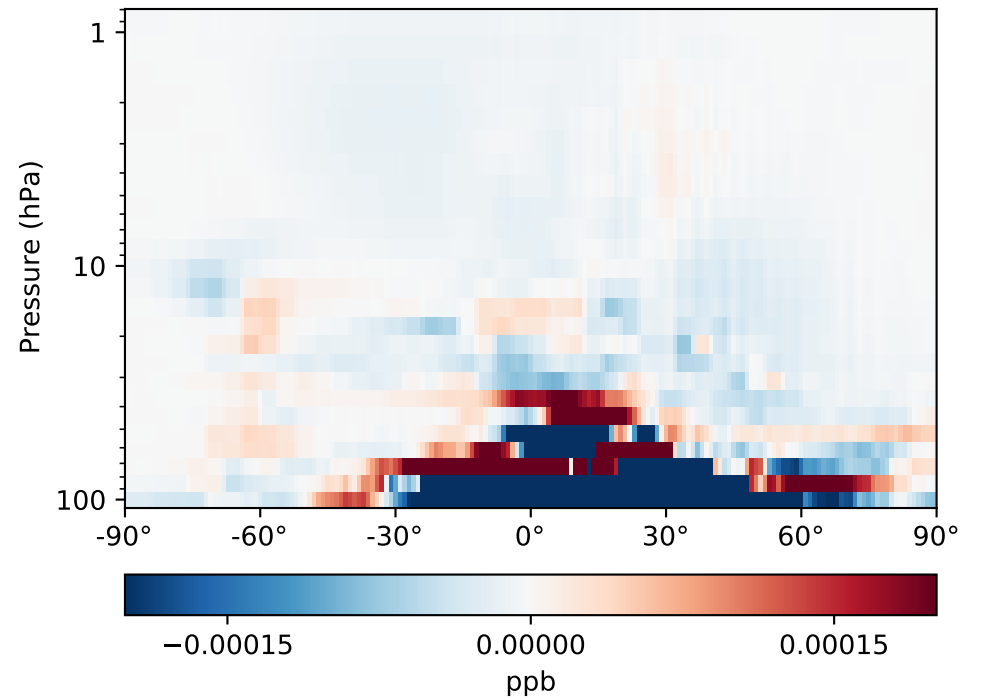
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



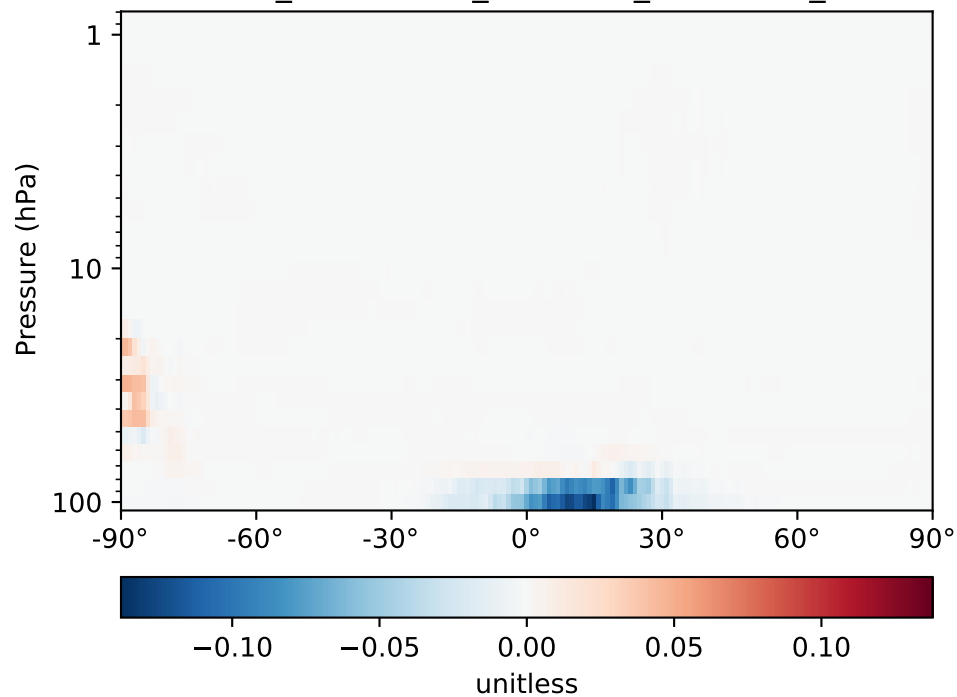
Difference (1x1.25)
Dev - Ref, Dynamic Range



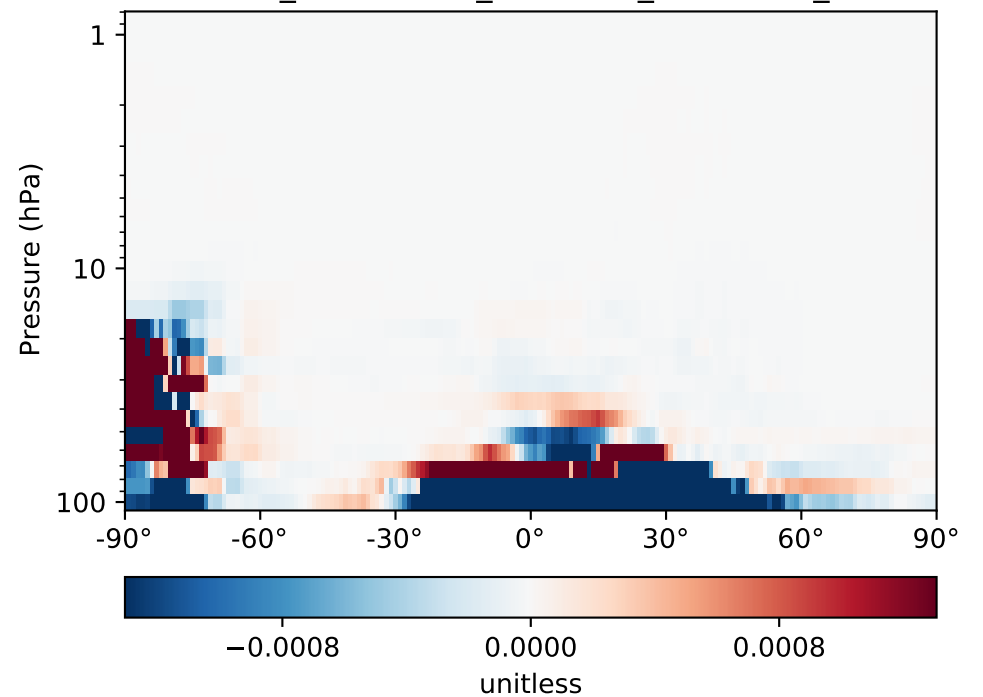
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

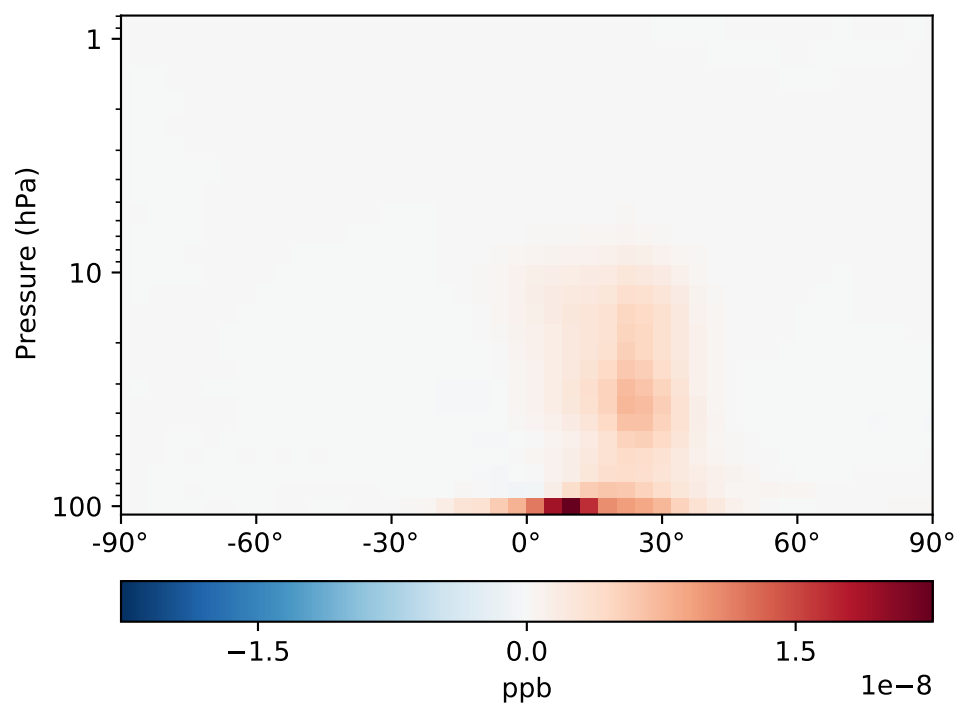


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

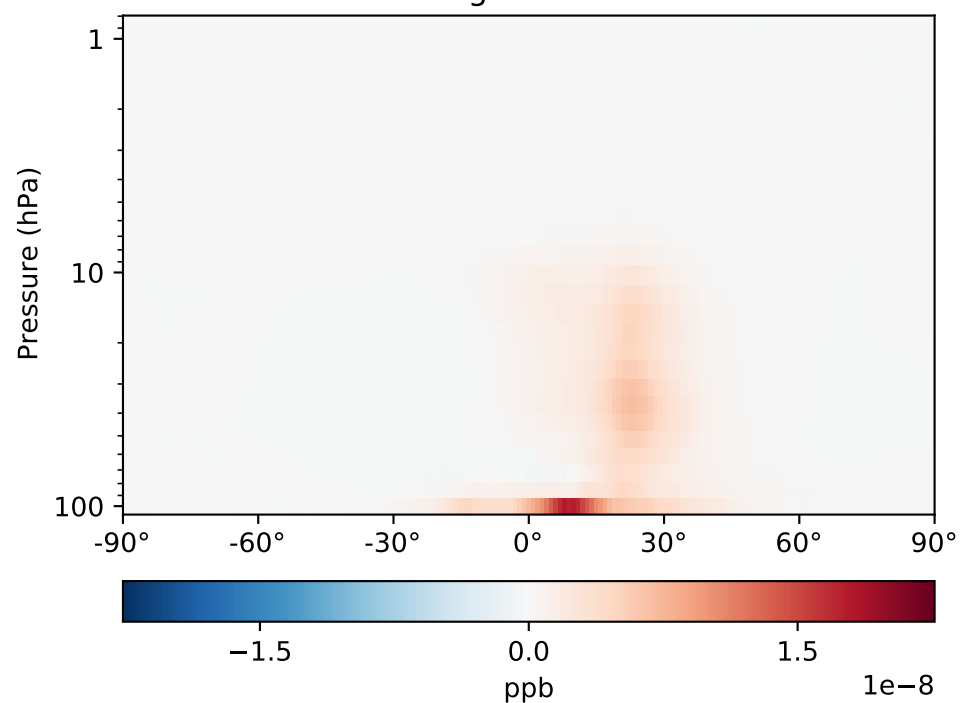


SpeciesConc_Halons, Zonal Mean

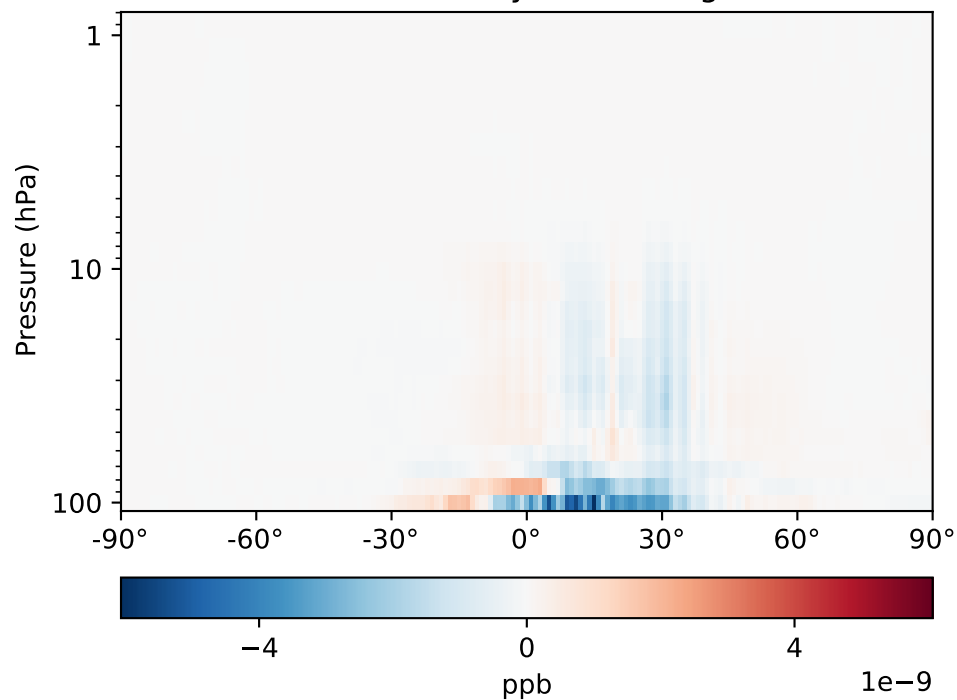
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



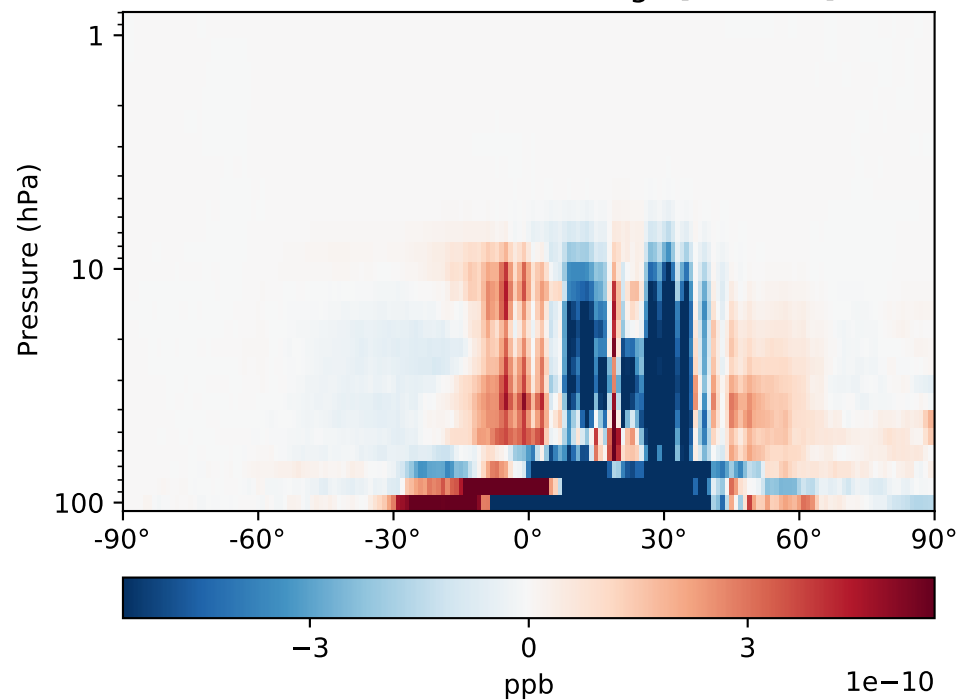
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



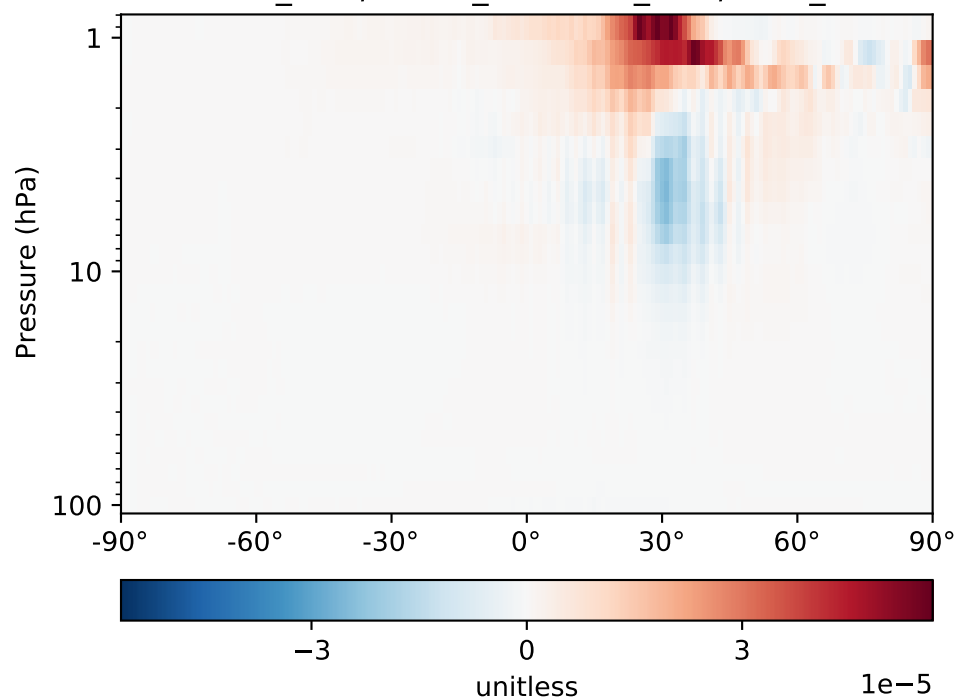
Difference (1x1.25)
Dev - Ref, Dynamic Range



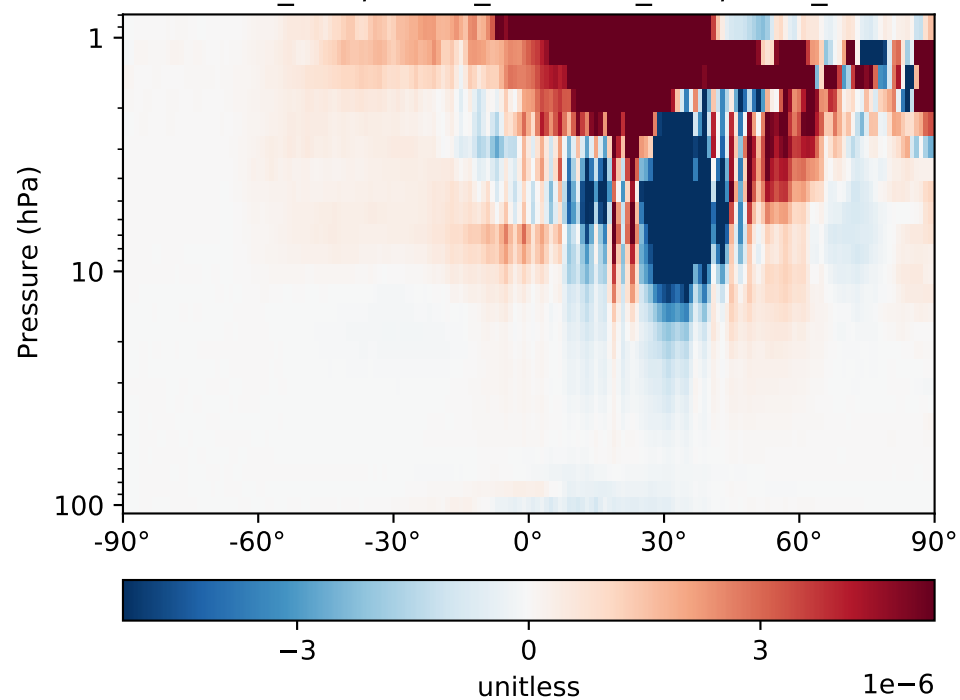
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

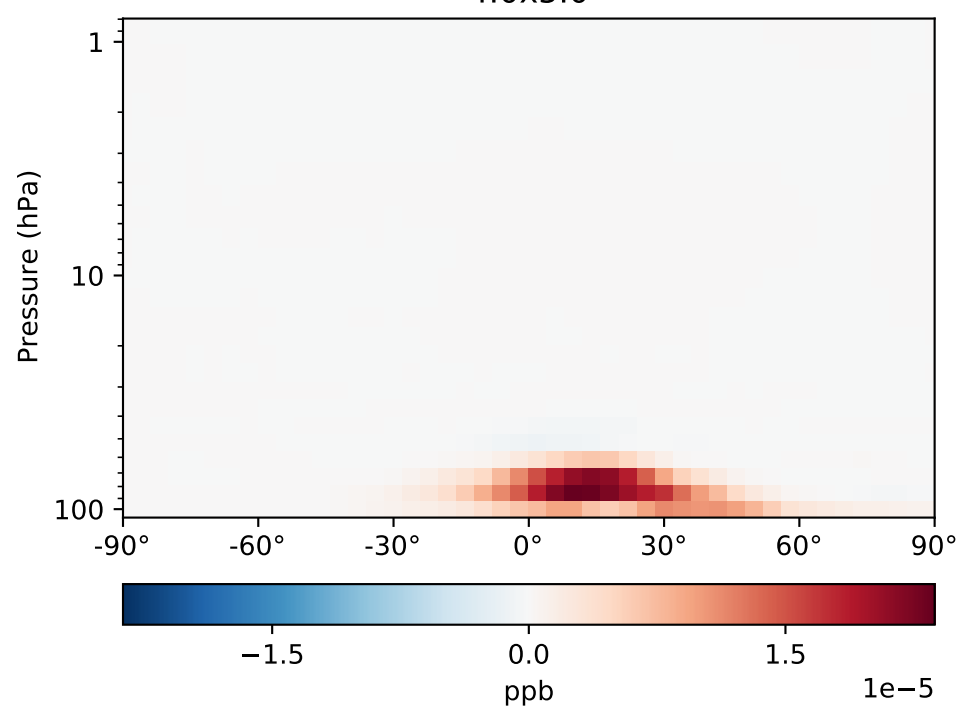


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

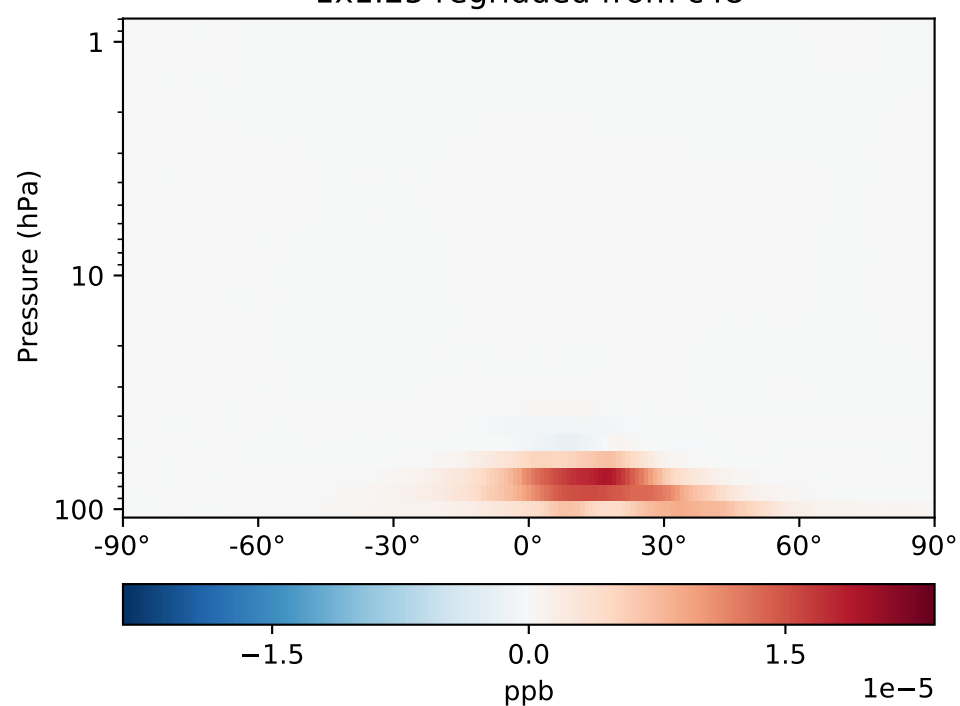


SpeciesConc_HCFCs, Zonal Mean

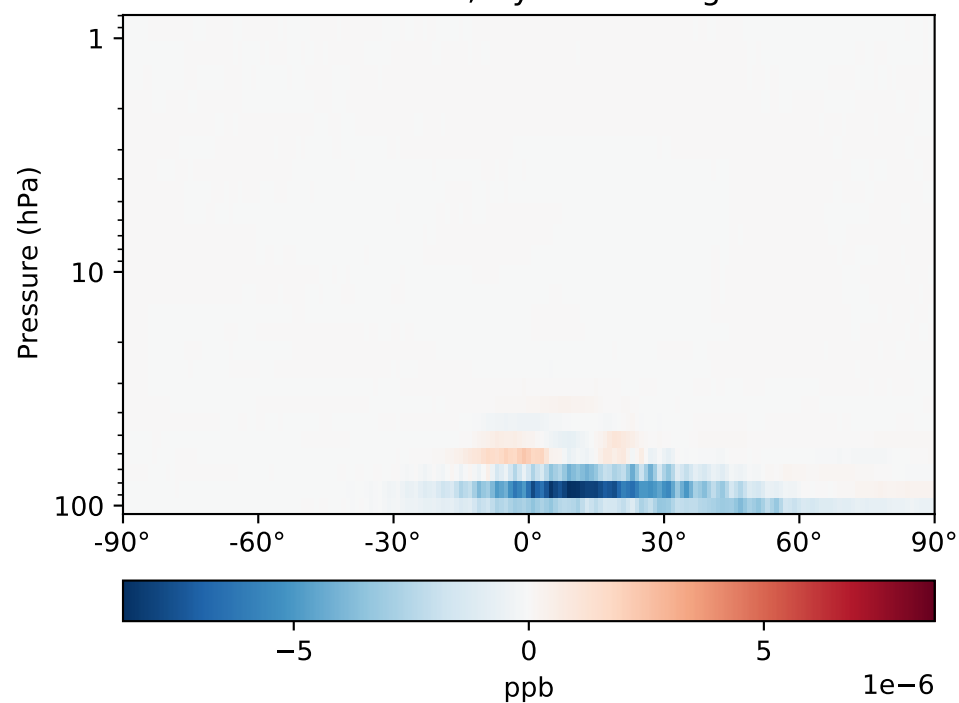
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



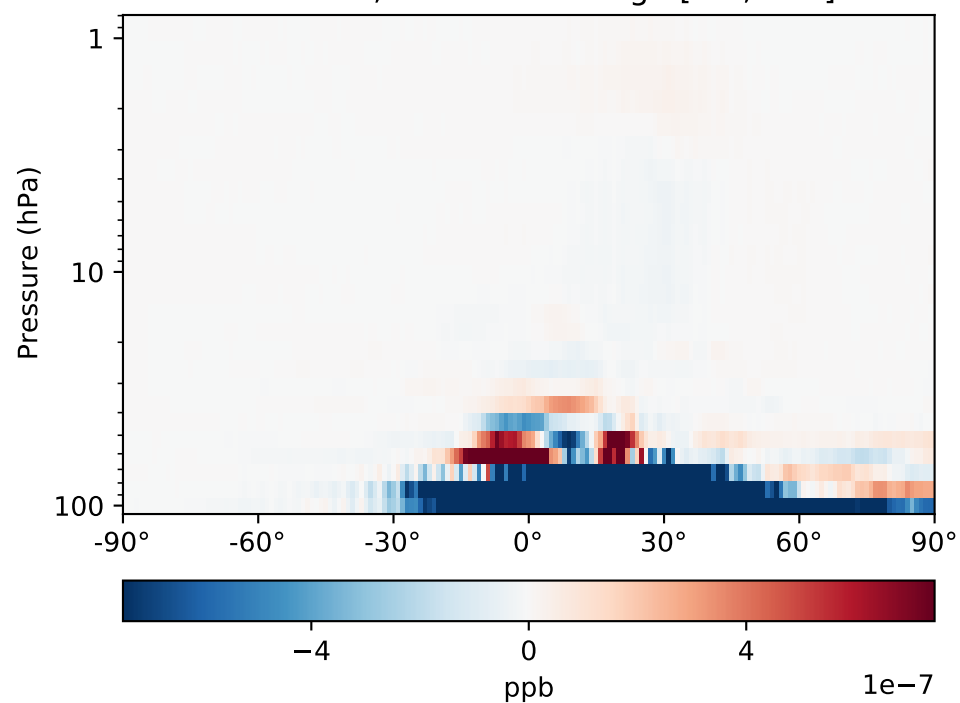
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



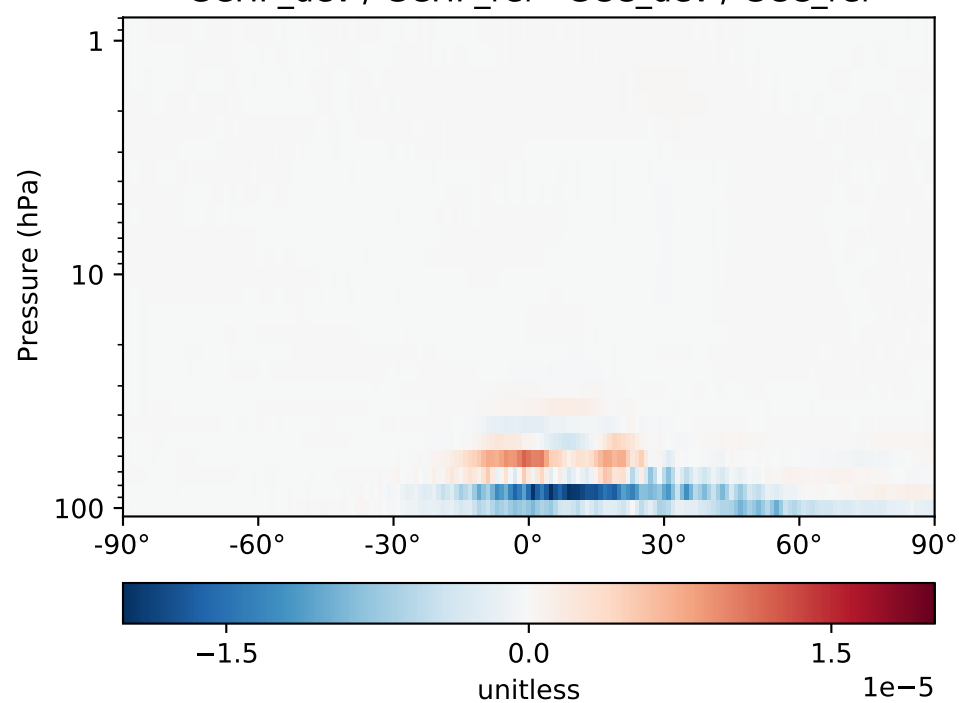
Difference (1x1.25)
Dev - Ref, Dynamic Range



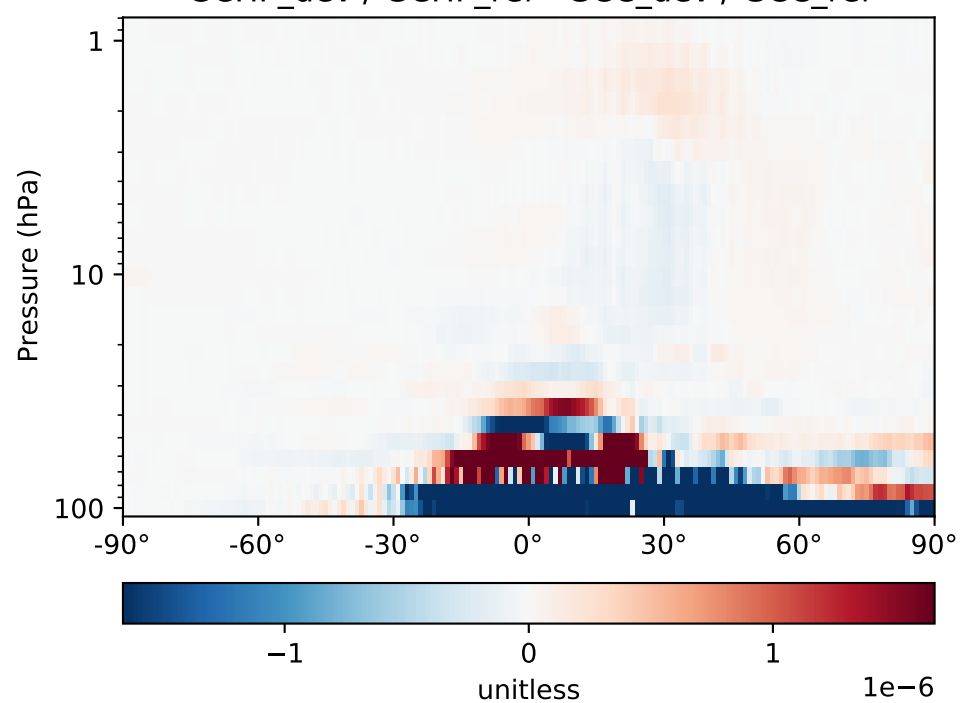
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

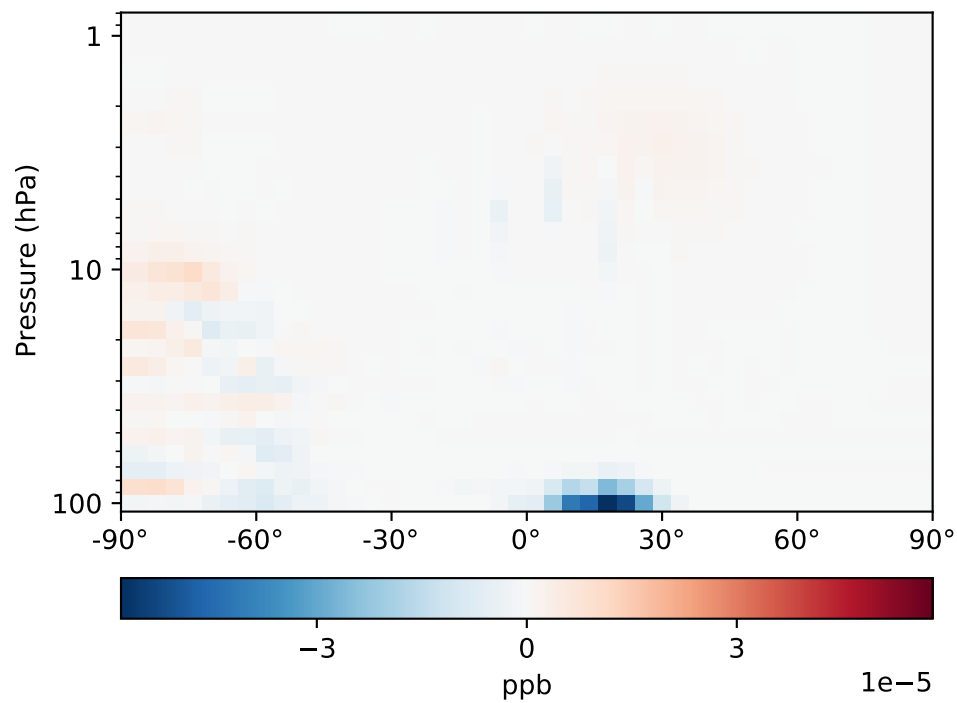


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

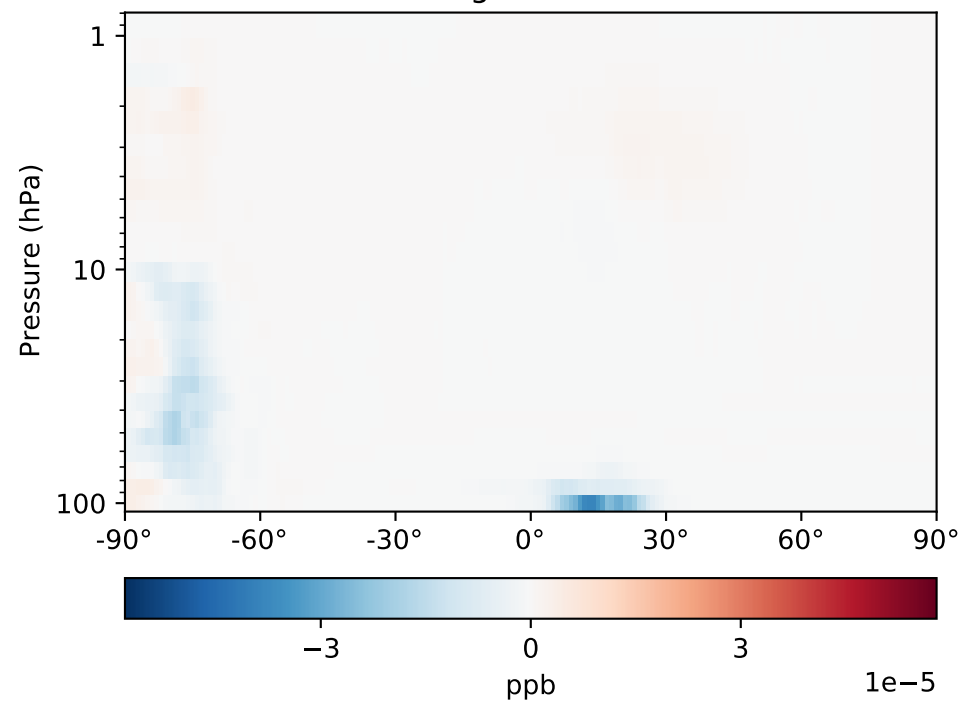


SpeciesConc_OClO, Zonal Mean

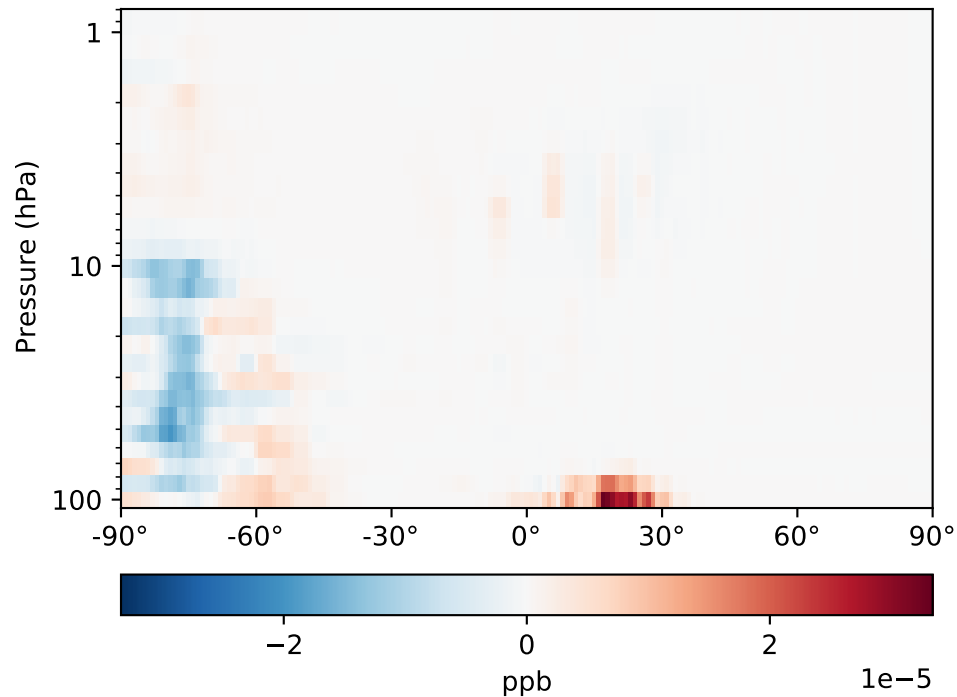
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



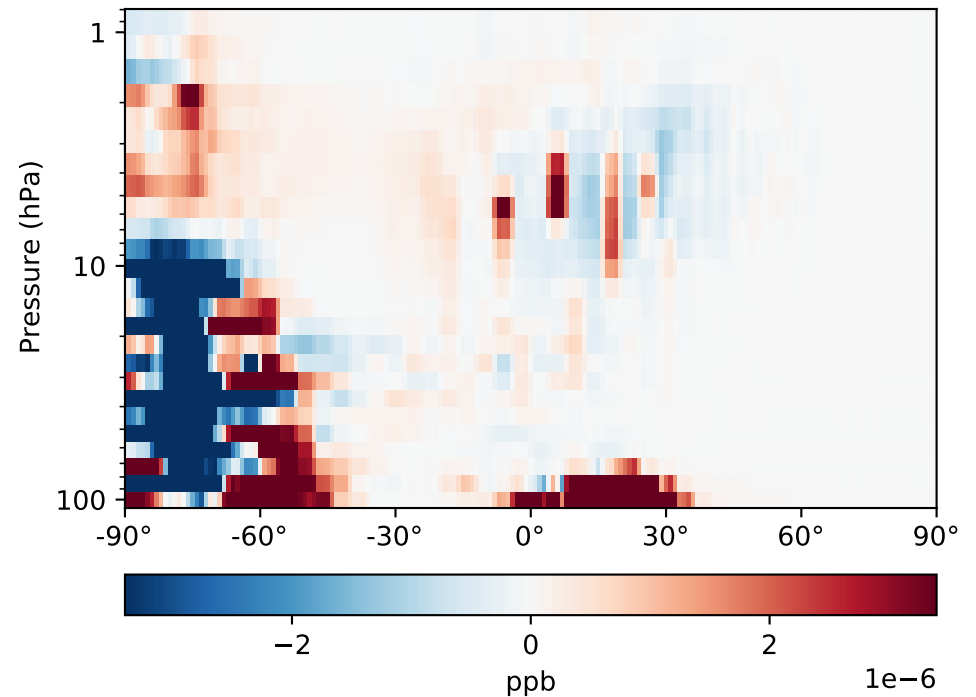
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



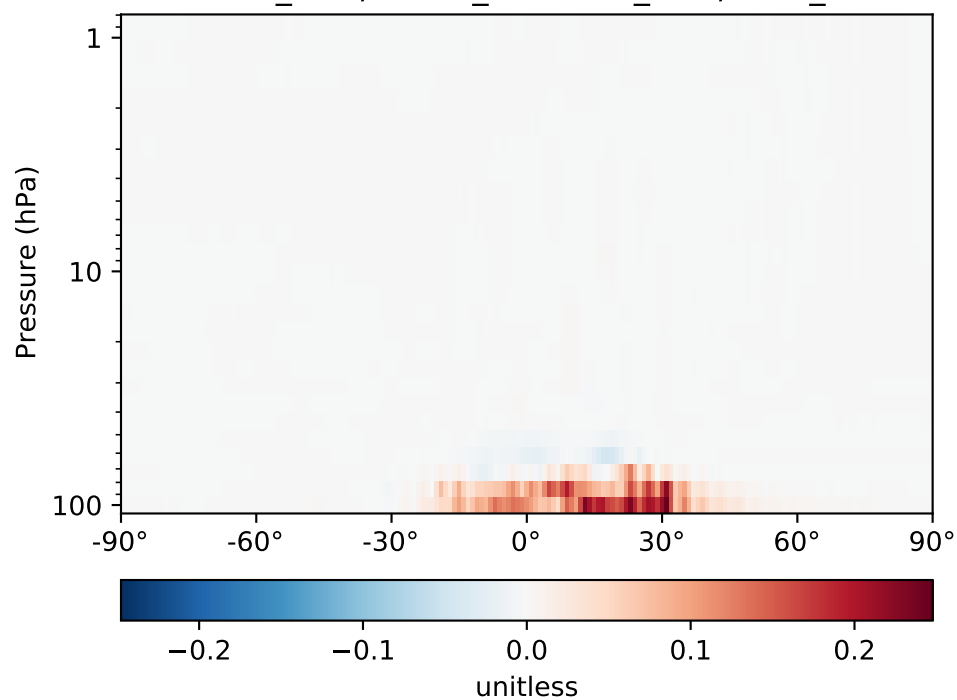
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

