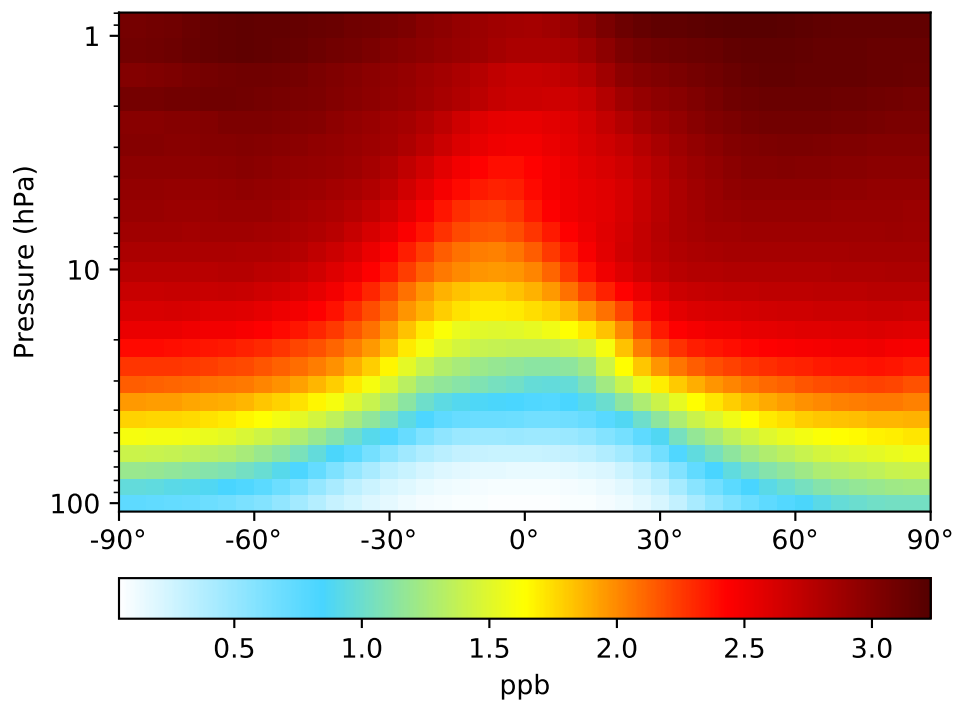
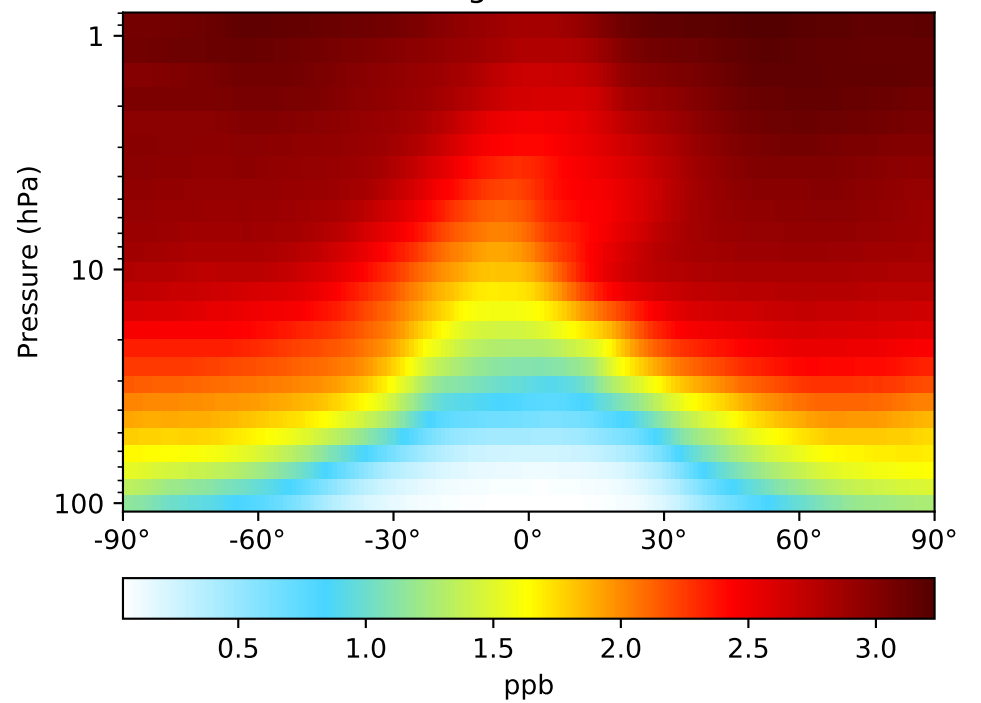


SpeciesConc_Cly, Zonal Mean (Jan2019)

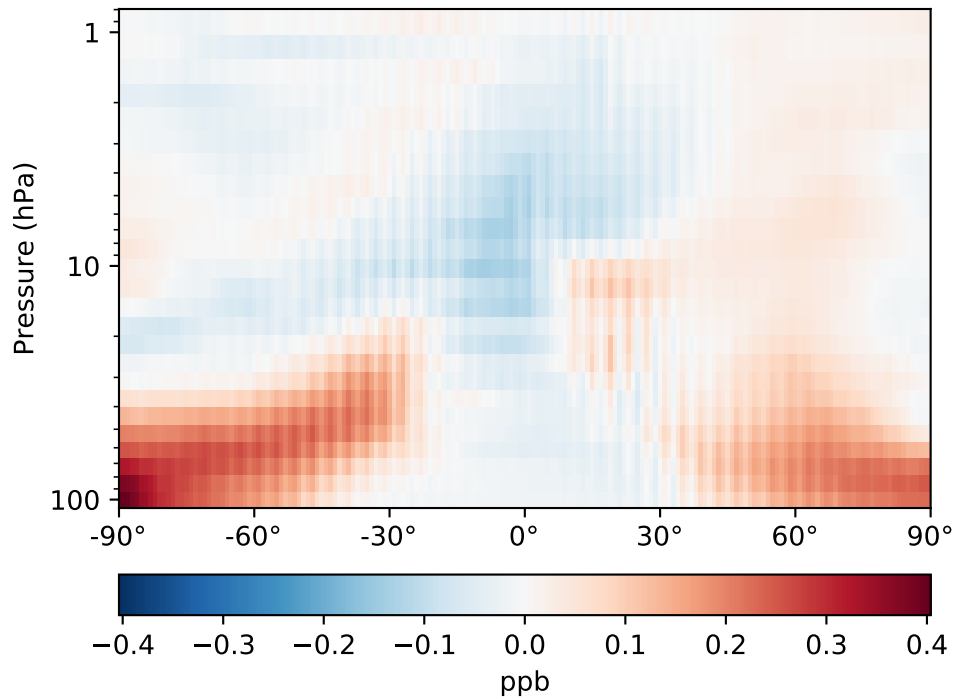
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



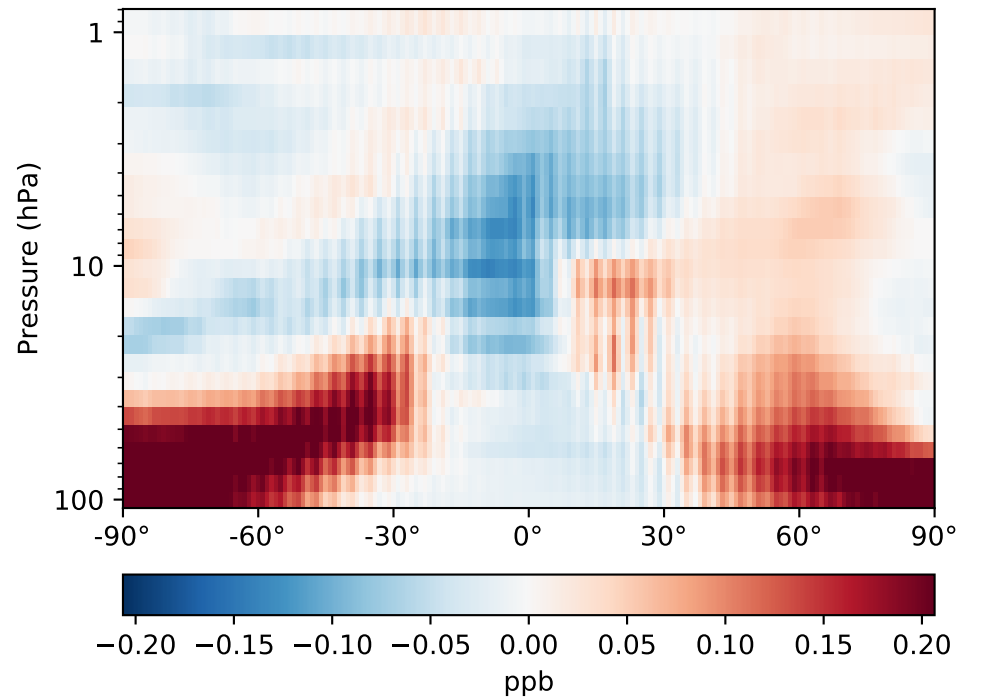
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



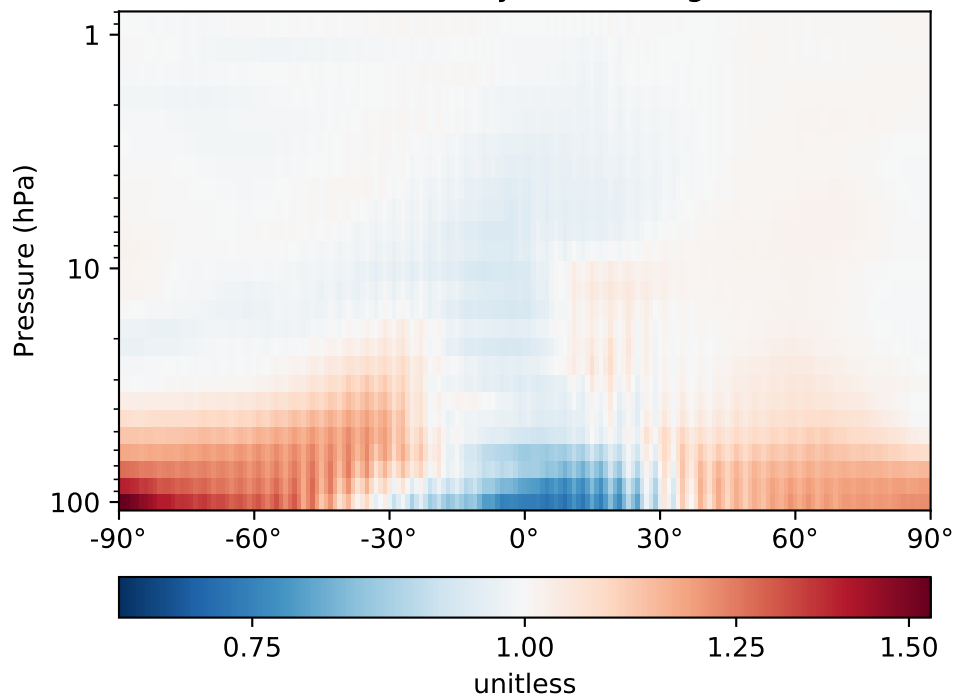
Difference (1x1.25)
Dev - Ref, Dynamic Range



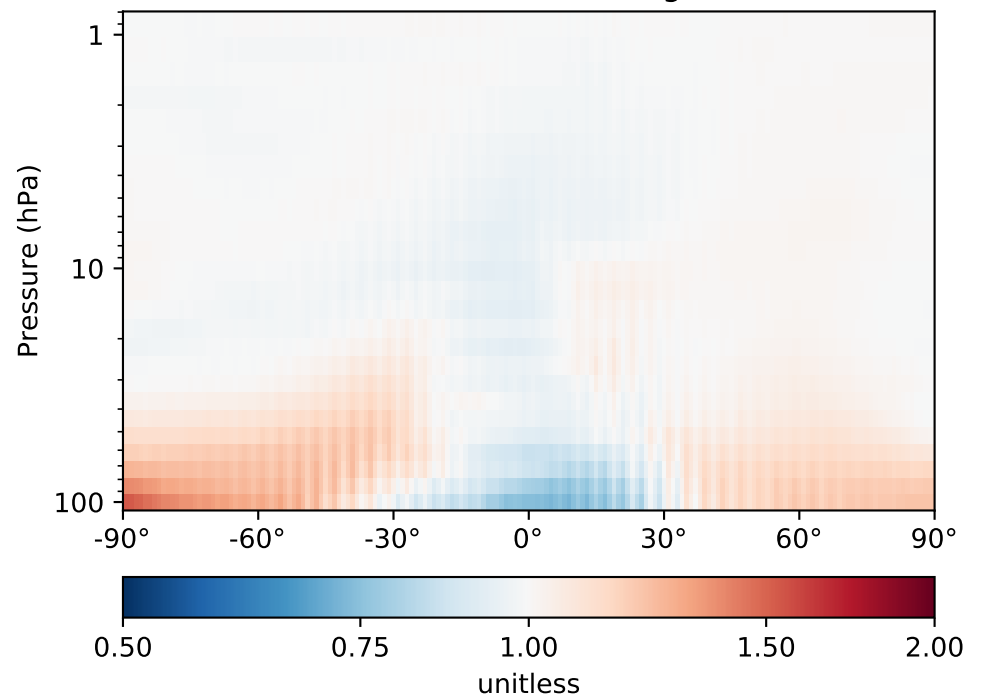
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

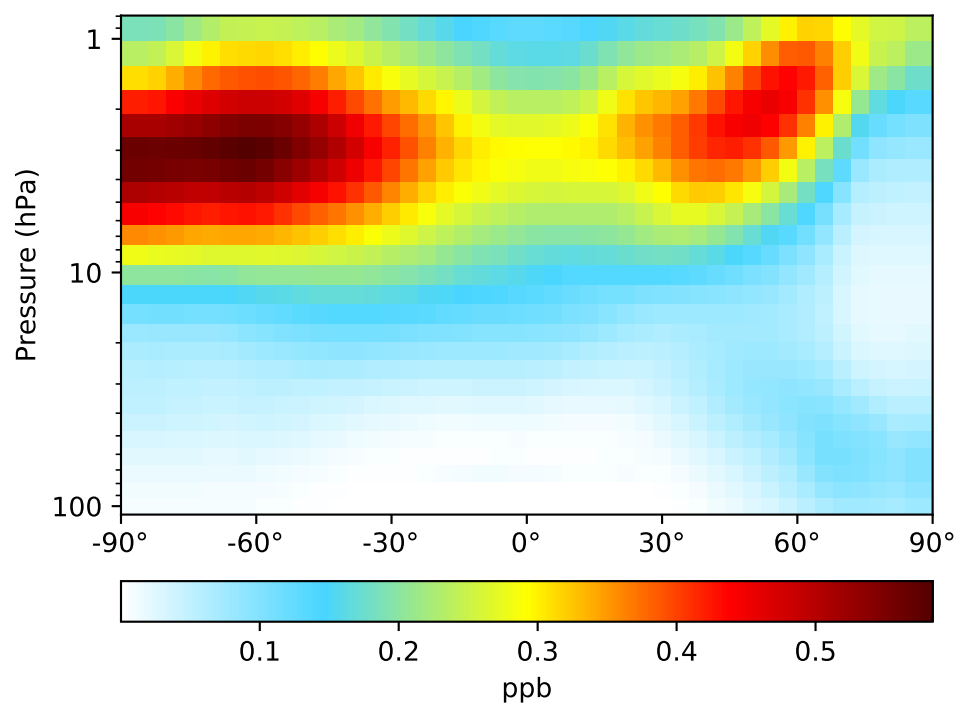


Ratio (1x1.25)
Dev/Ref, Fixed Range

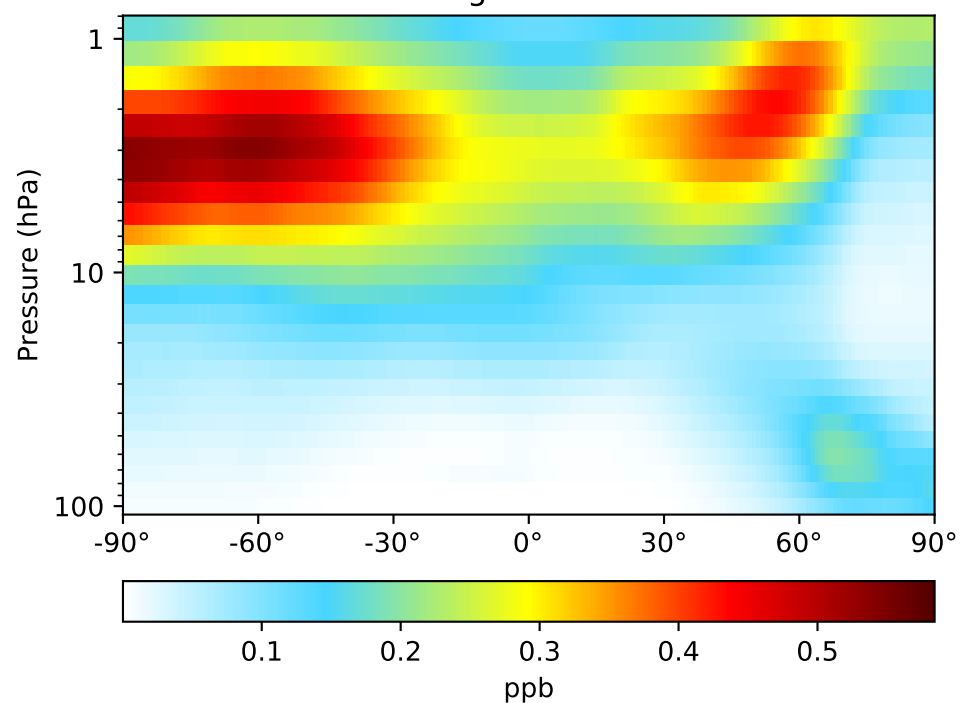


SpeciesConc_ClOx, Zonal Mean (Jan2019)

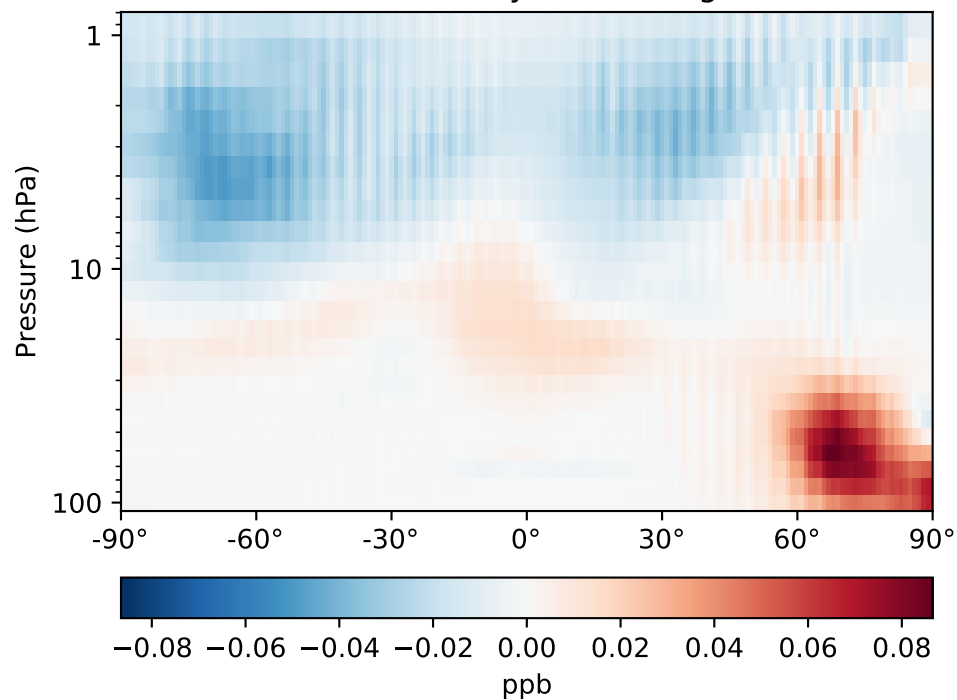
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



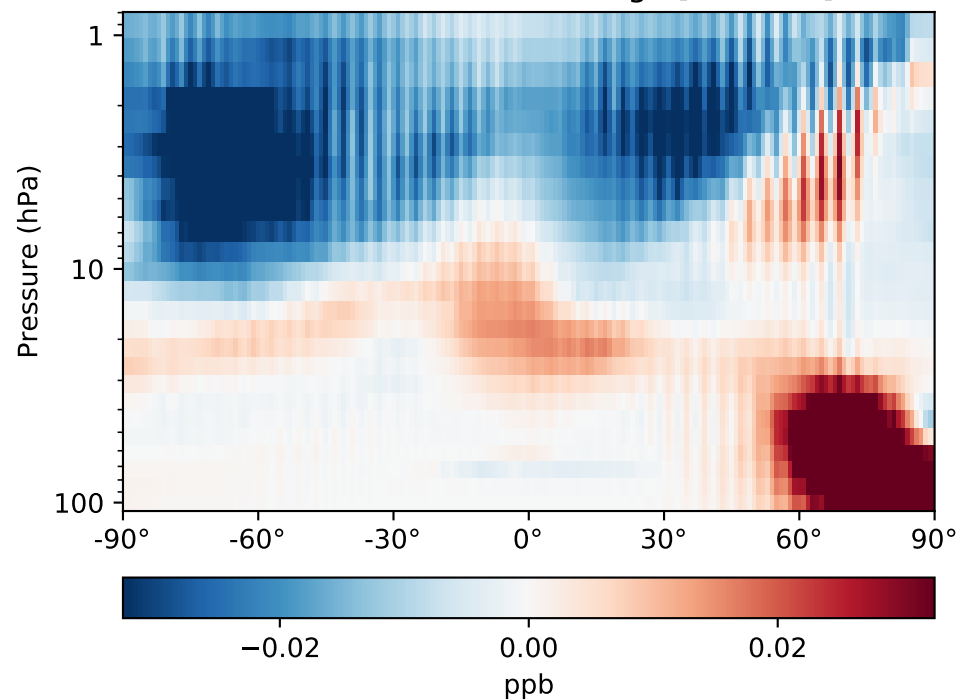
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



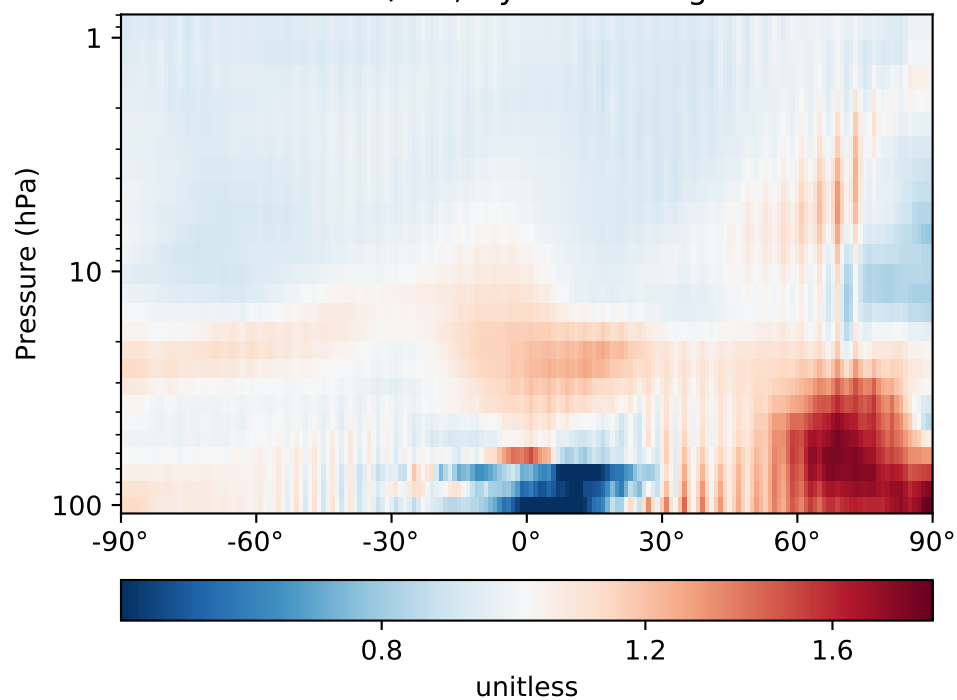
Difference (1x1.25)
Dev - Ref, Dynamic Range



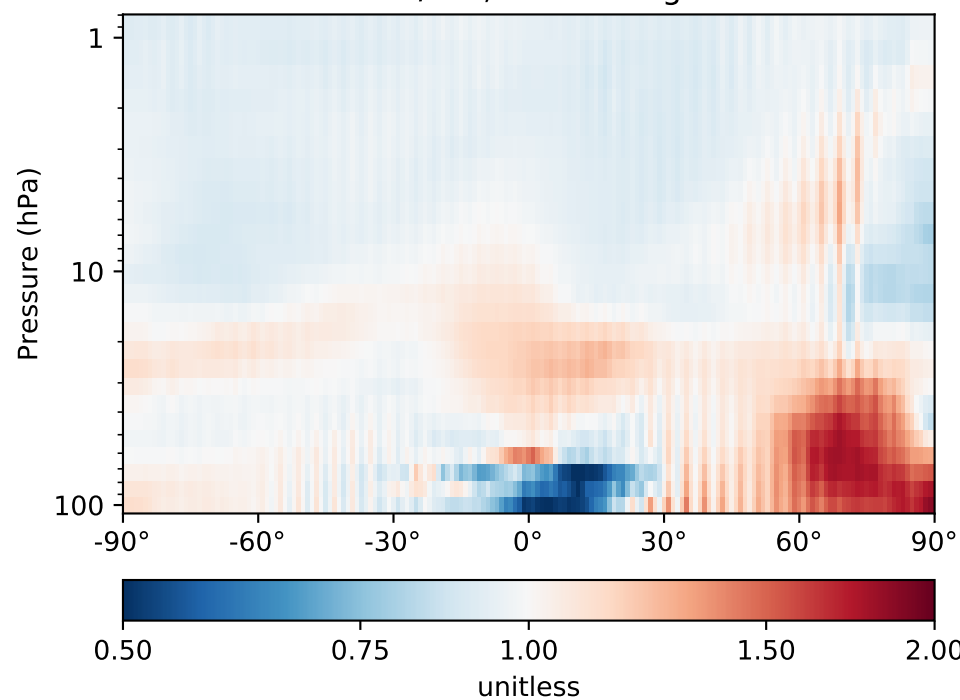
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

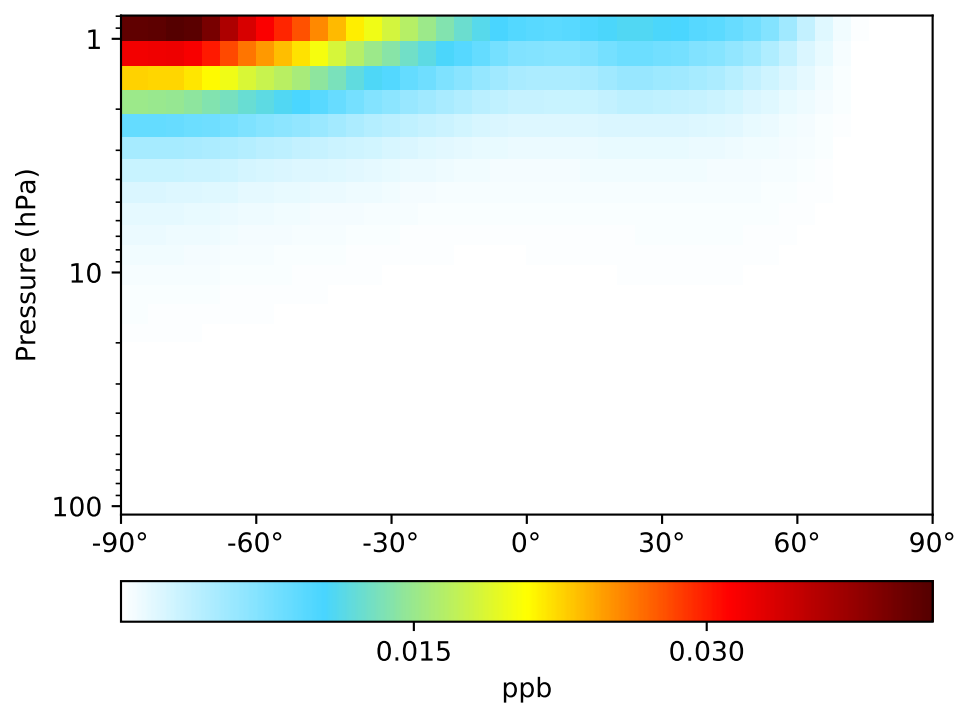


Ratio (1x1.25)
Dev/Ref, Fixed Range

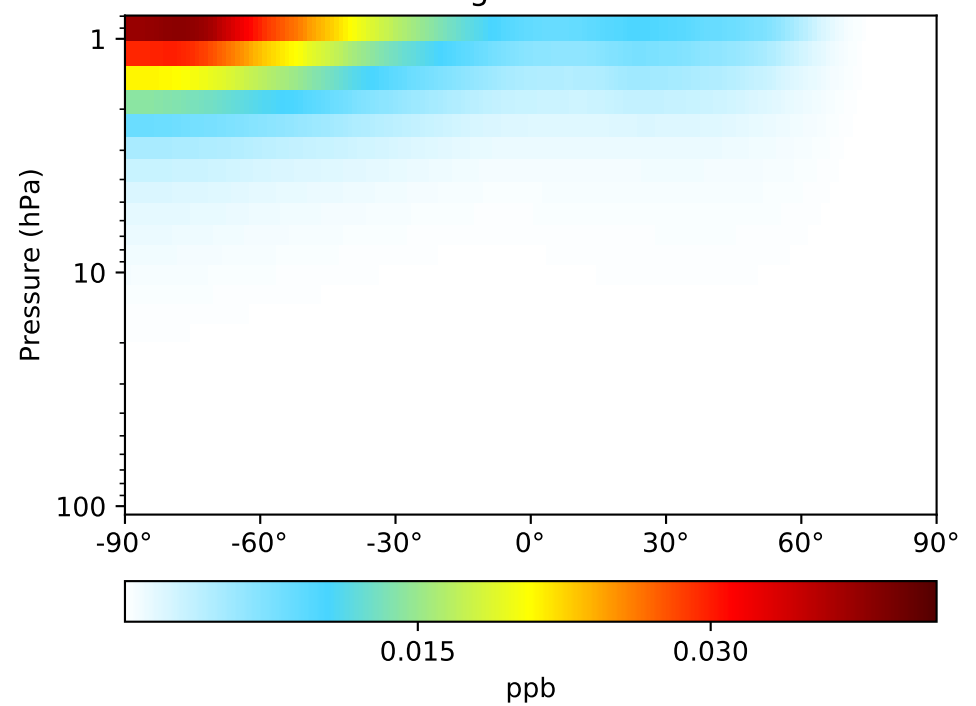


SpeciesConc_Cl, Zonal Mean (Jan2019)

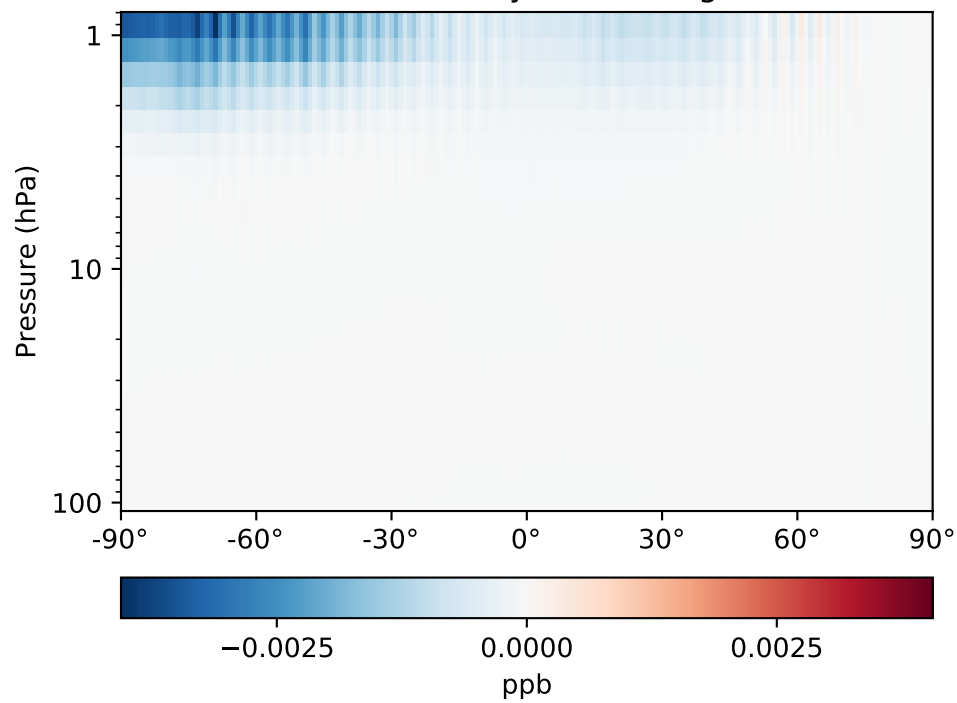
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



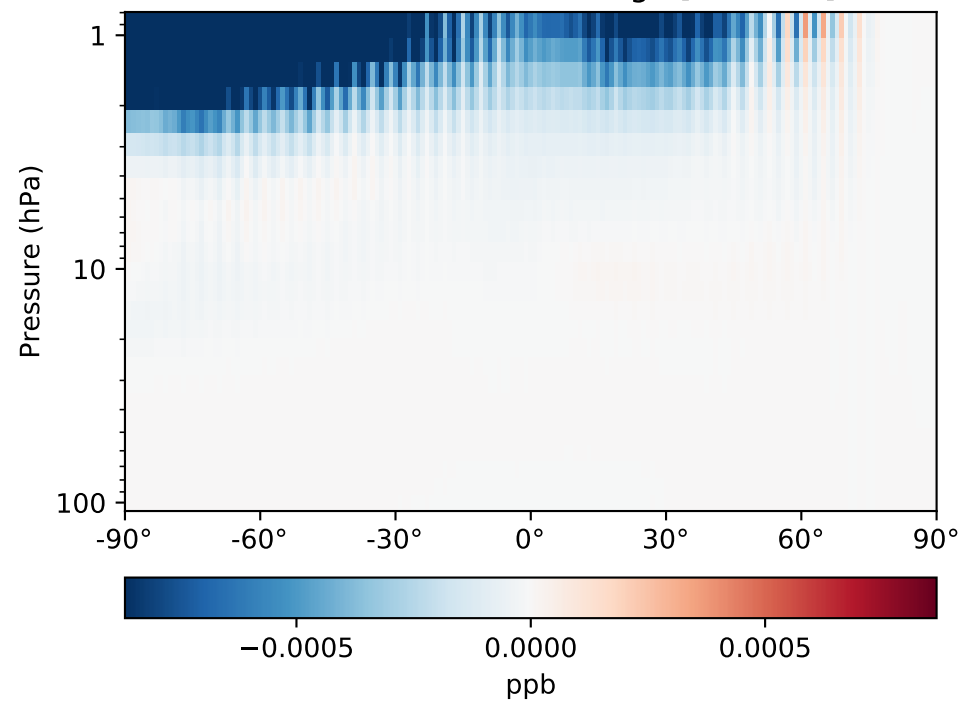
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



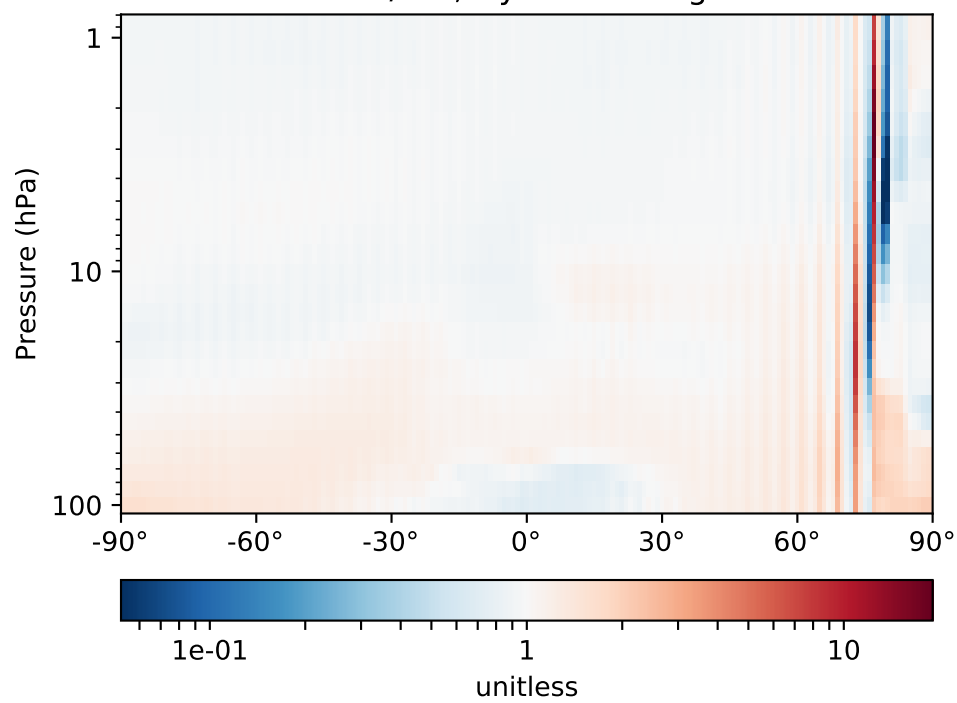
Difference (1x1.25)
Dev - Ref, Dynamic Range



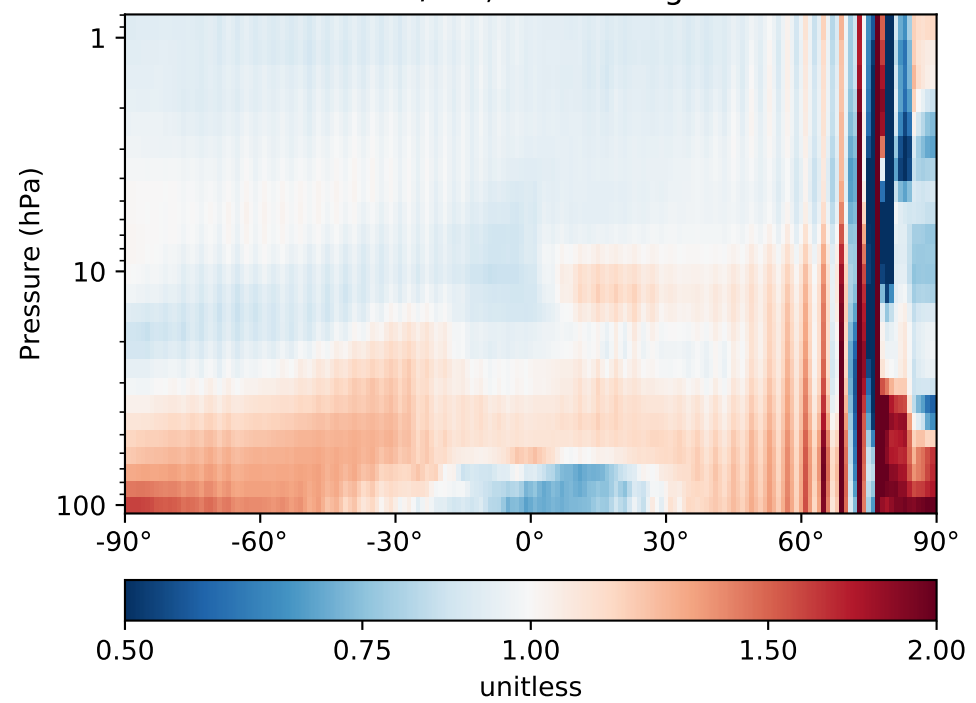
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

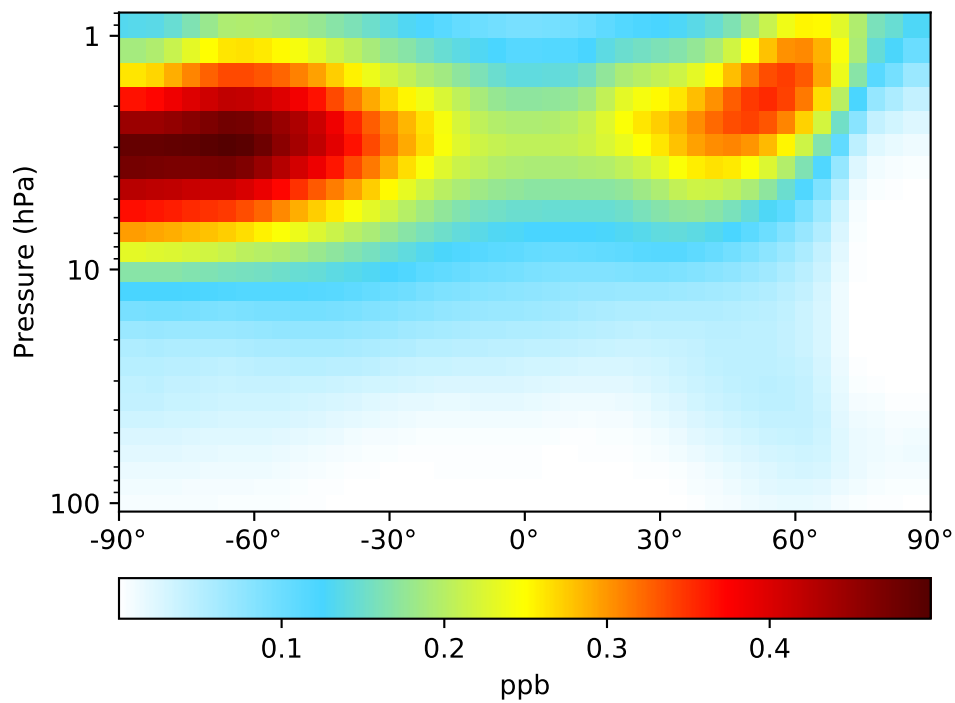


Ratio (1x1.25)
Dev/Ref, Fixed Range

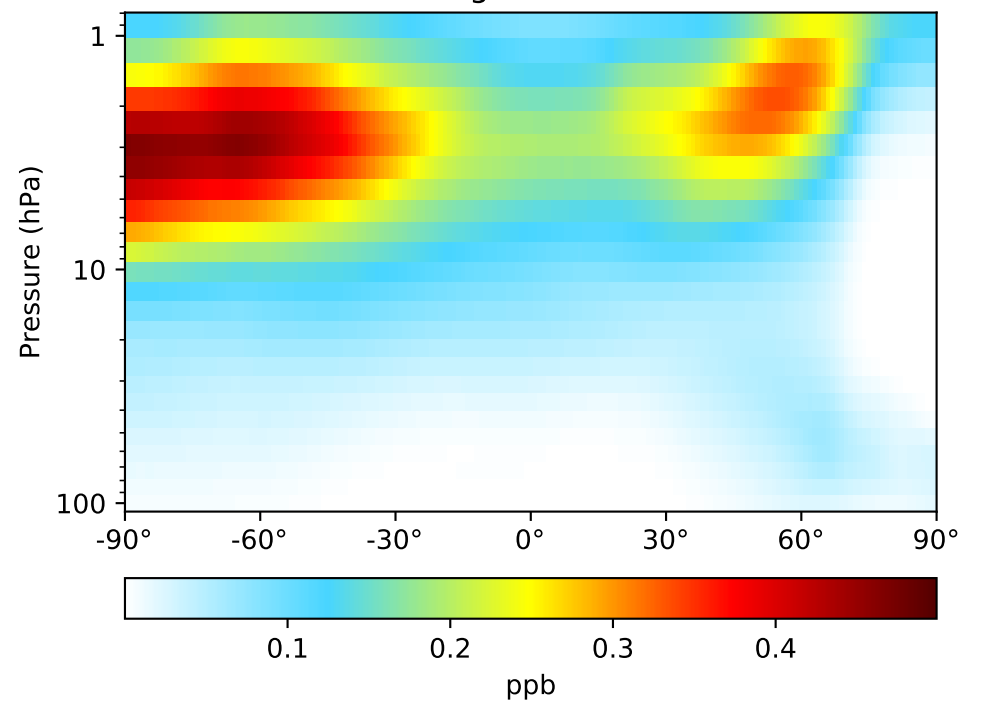


SpeciesConc_ClO, Zonal Mean (Jan2019)

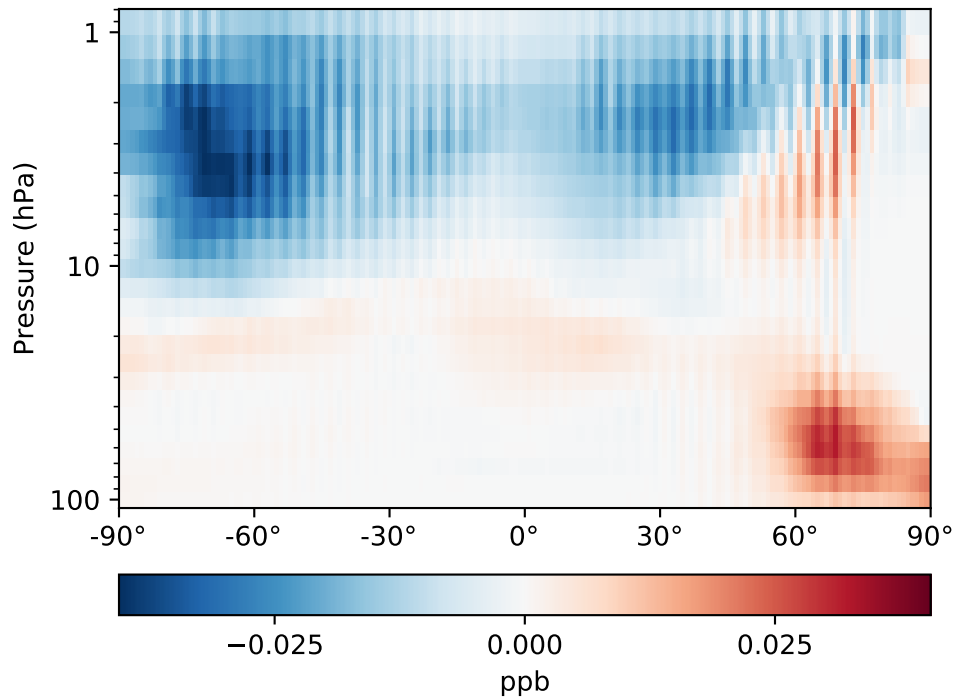
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



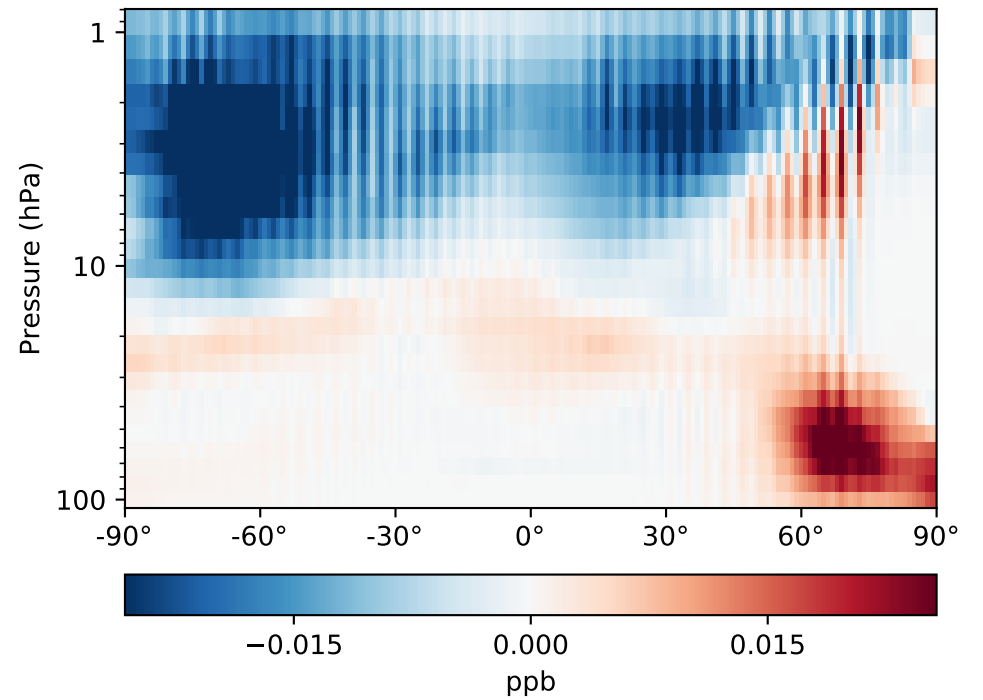
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



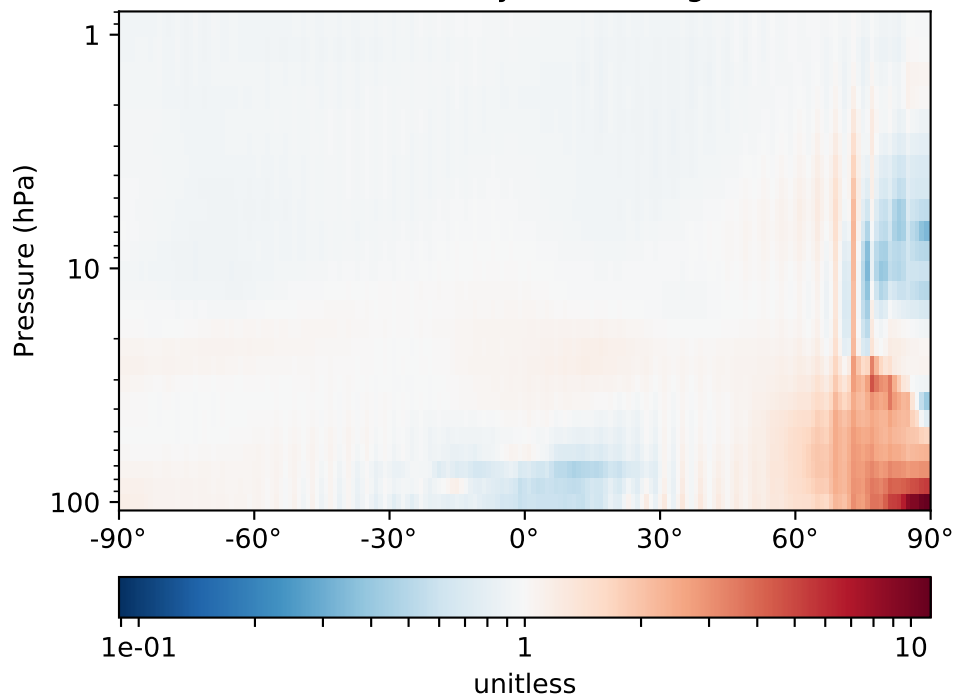
Difference (1x1.25)
Dev - Ref, Dynamic Range



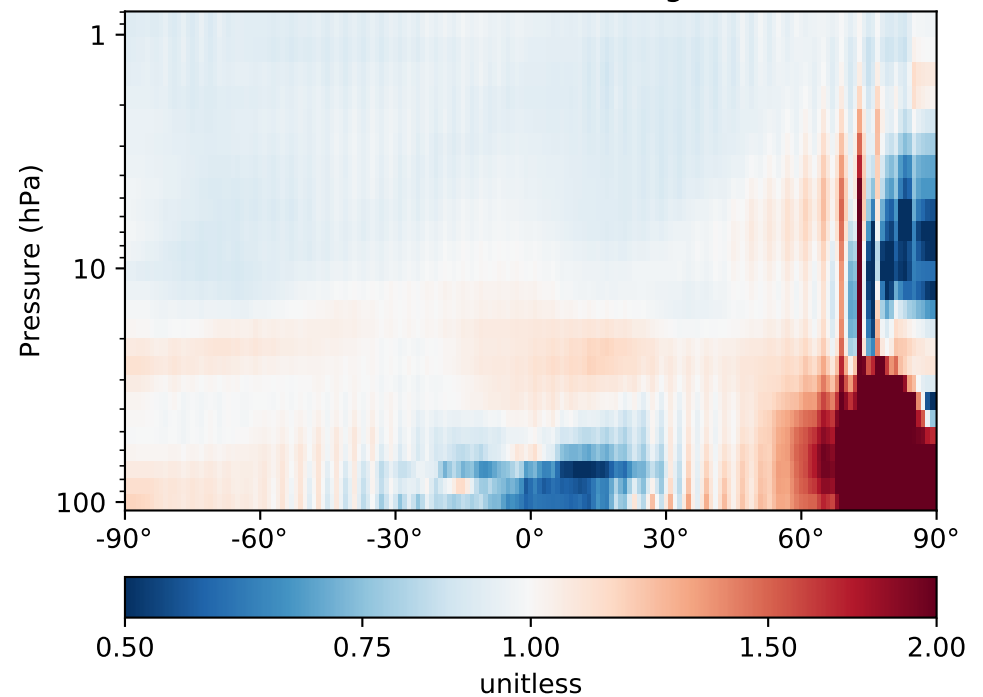
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

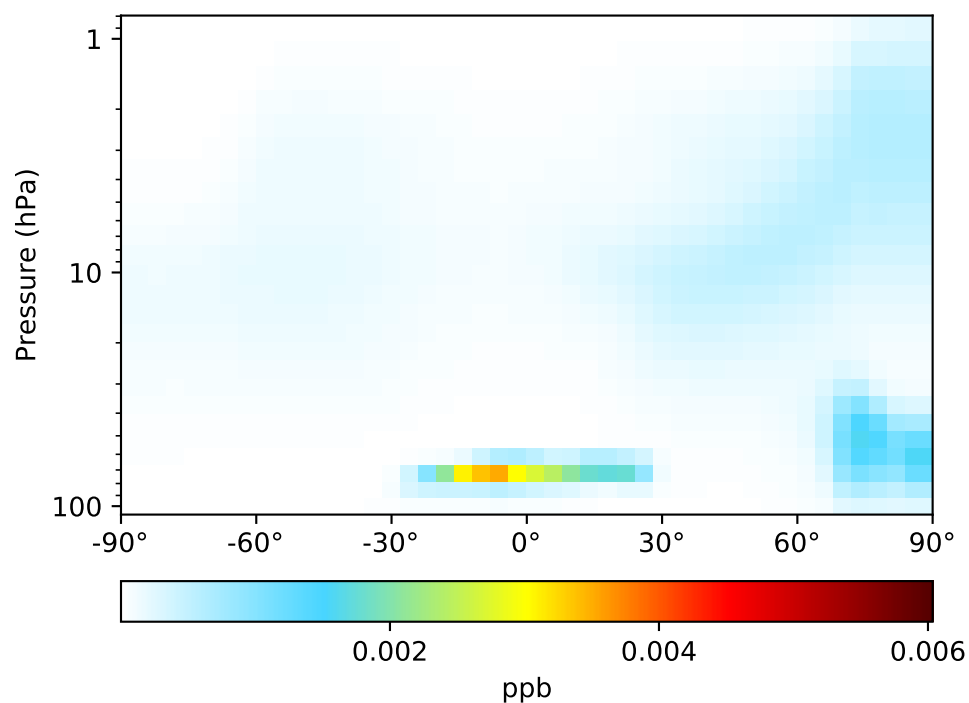


Ratio (1x1.25)
Dev/Ref, Fixed Range

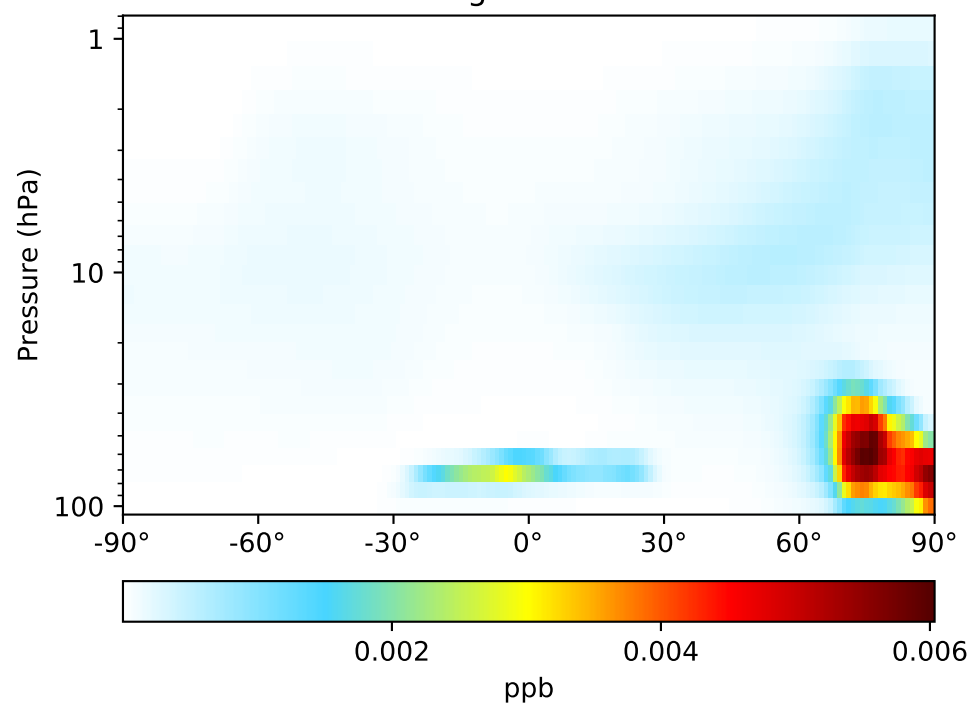


SpeciesConc_Cl2, Zonal Mean (Jan2019)

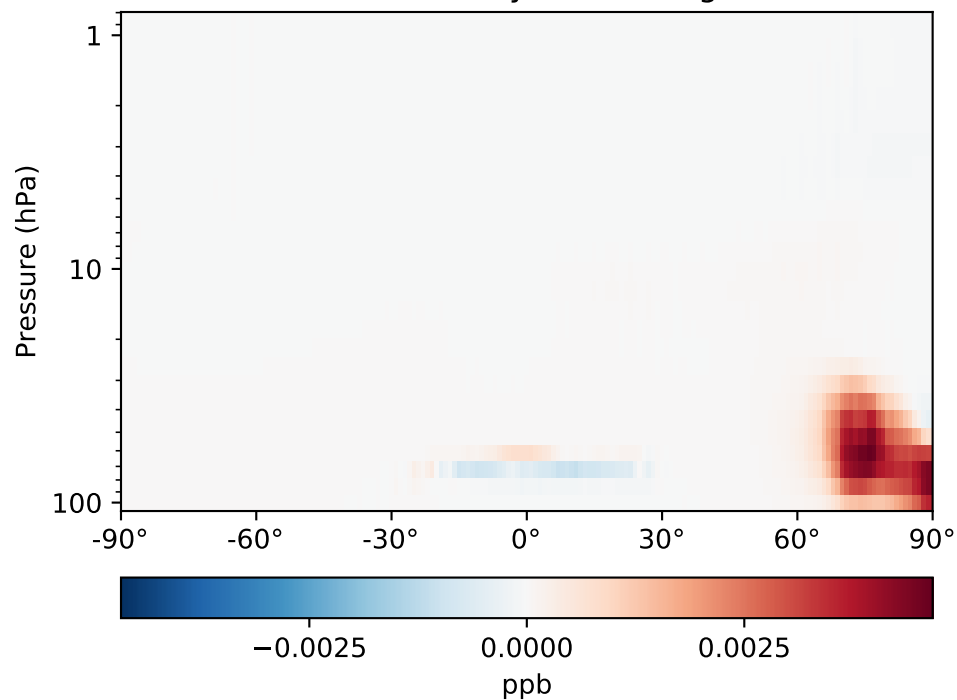
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



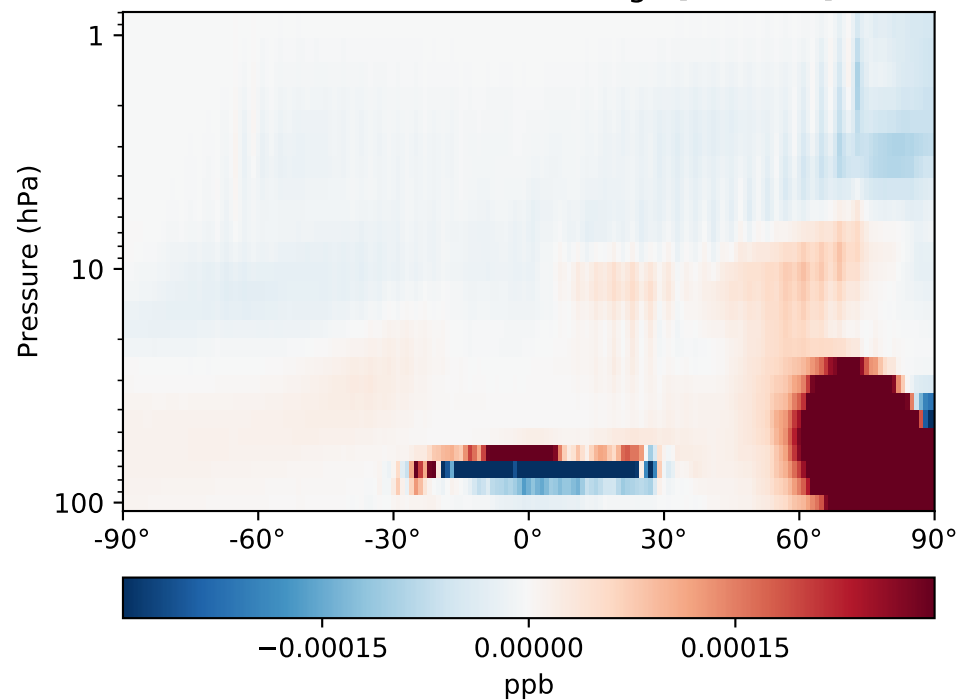
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



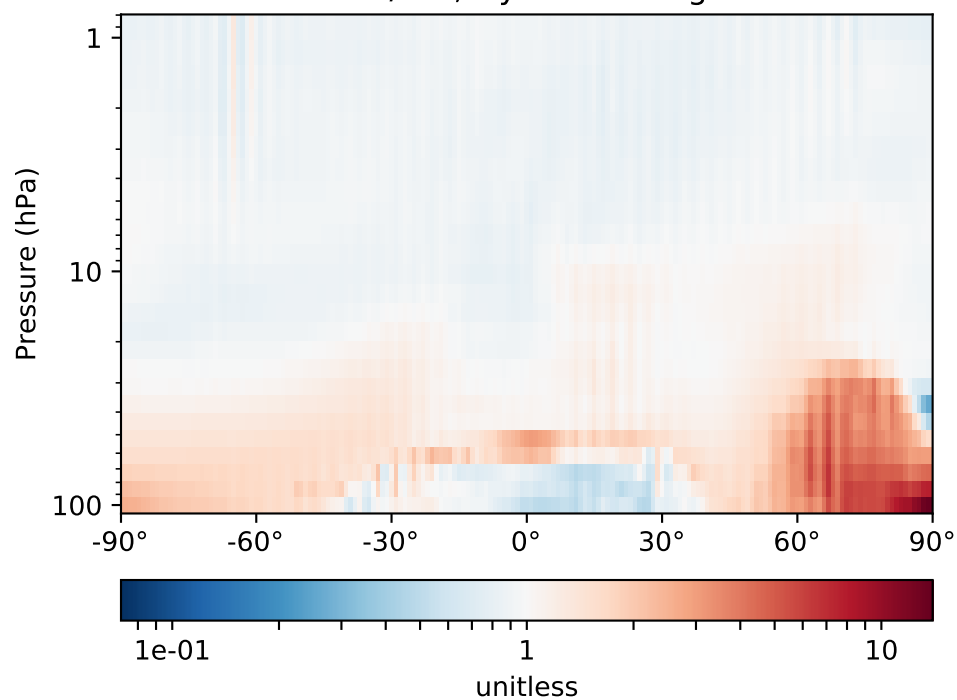
Difference (1x1.25)
Dev - Ref, Dynamic Range



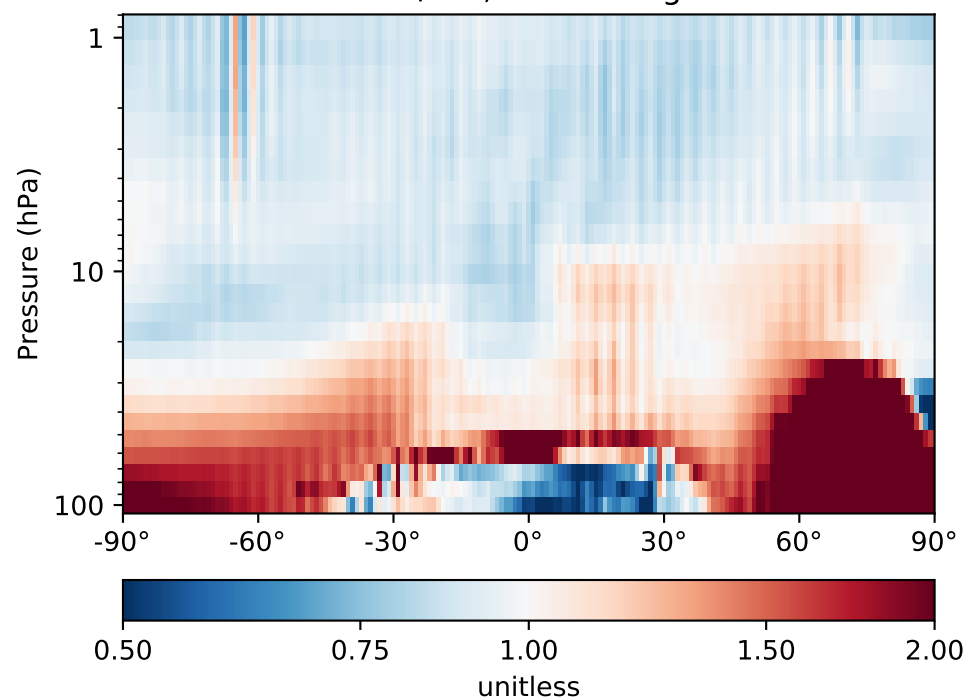
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

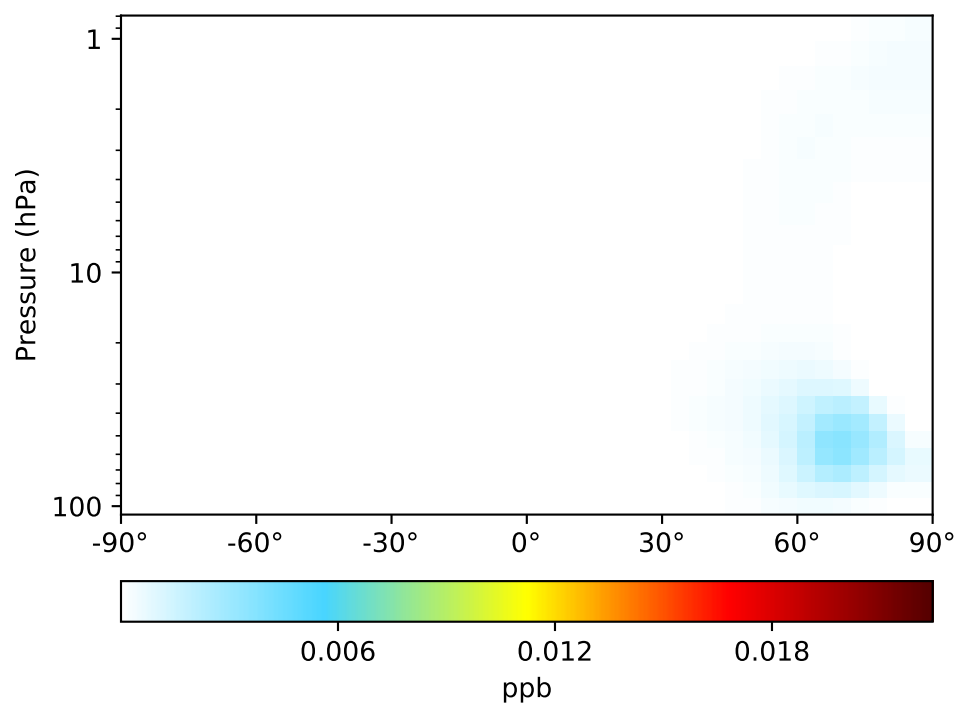


Ratio (1x1.25)
Dev/Ref, Fixed Range

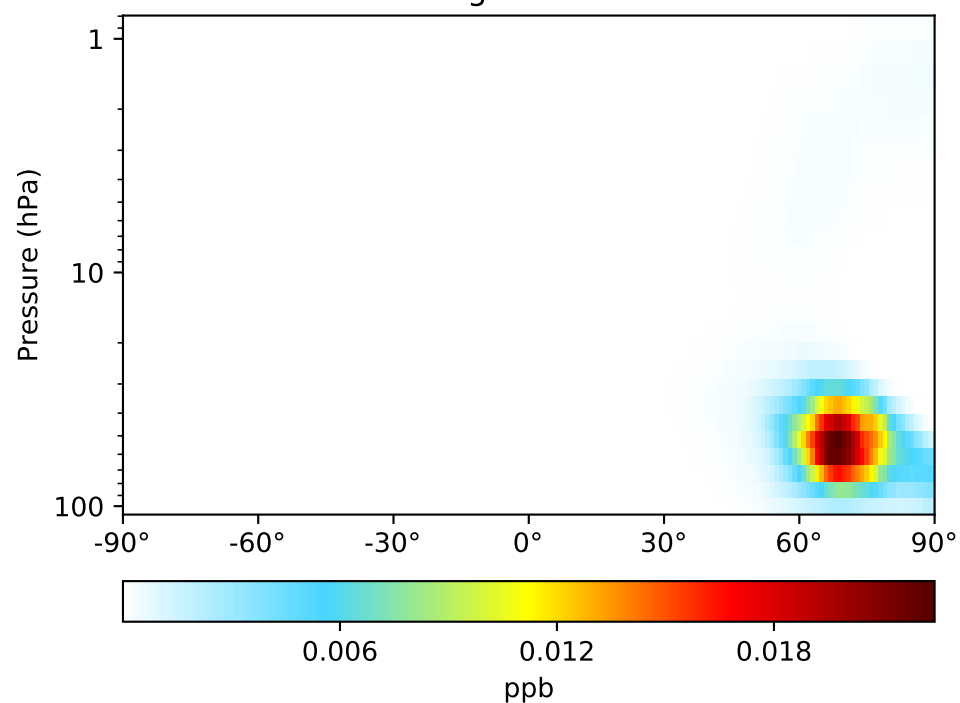


SpeciesConc_Cl2O2, Zonal Mean (Jan2019)

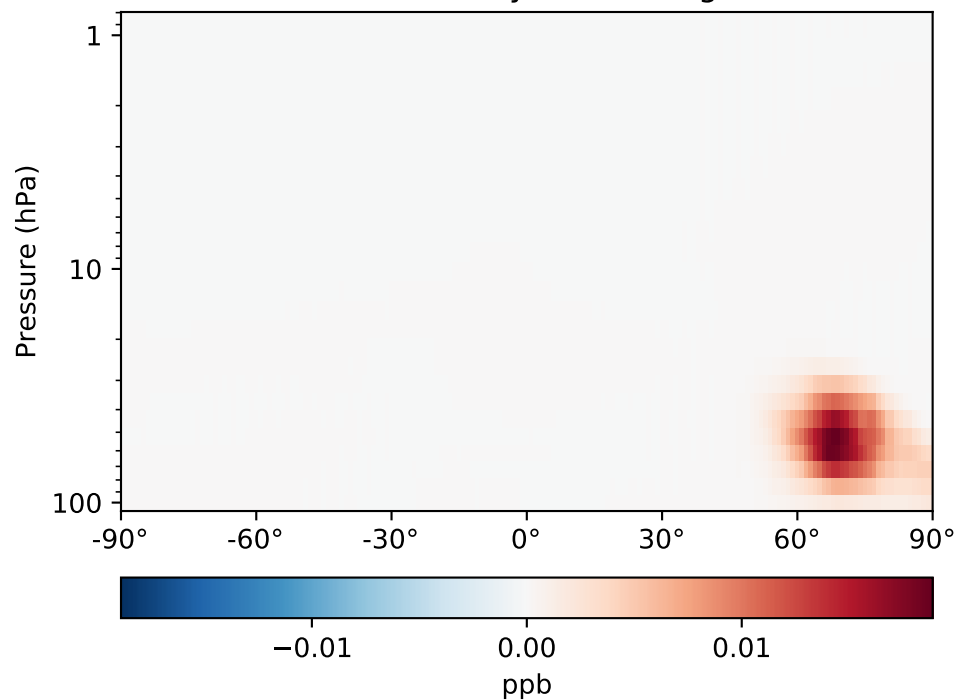
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



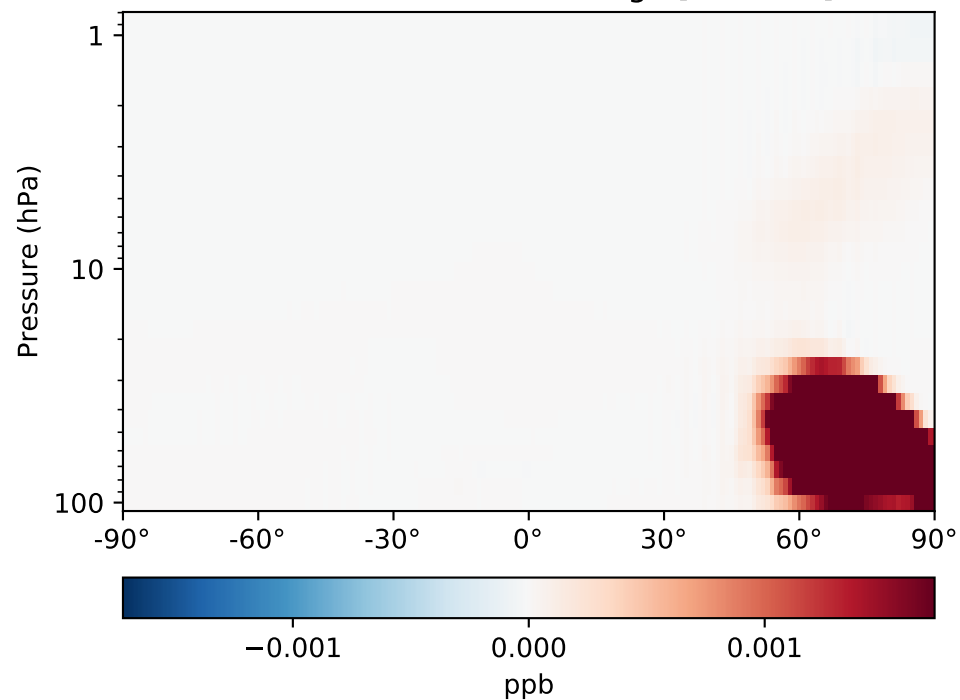
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



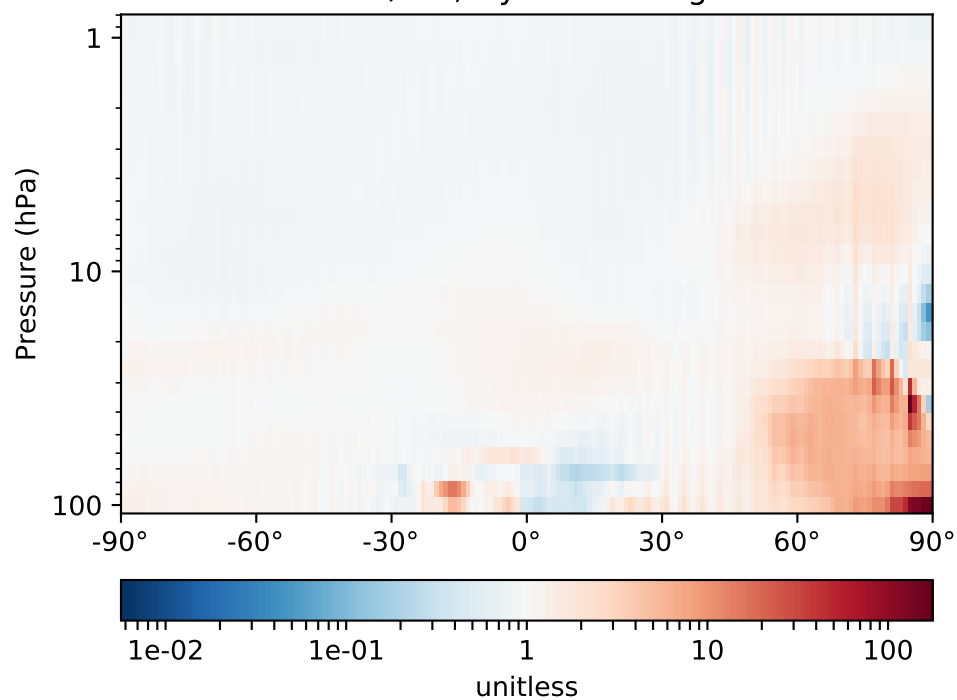
Difference (1x1.25)
Dev - Ref, Dynamic Range



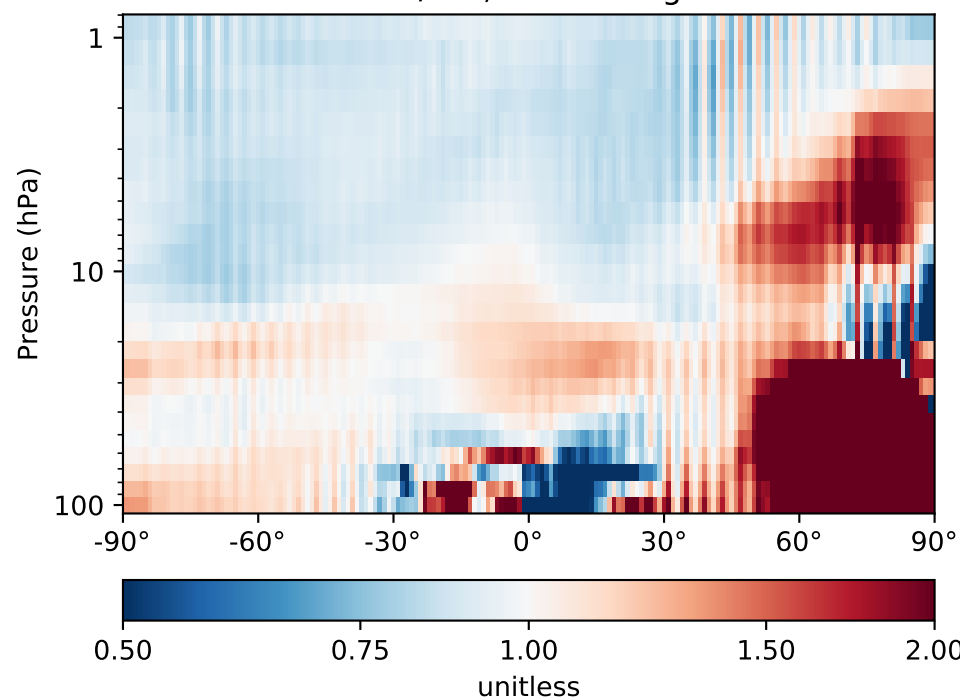
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

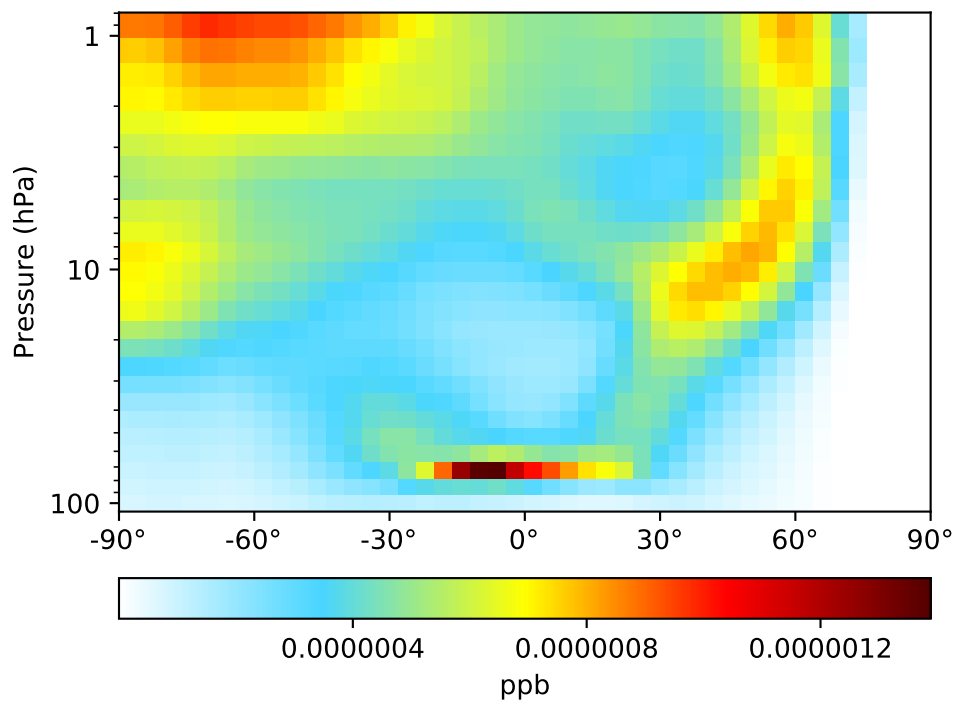


Ratio (1x1.25)
Dev/Ref, Fixed Range

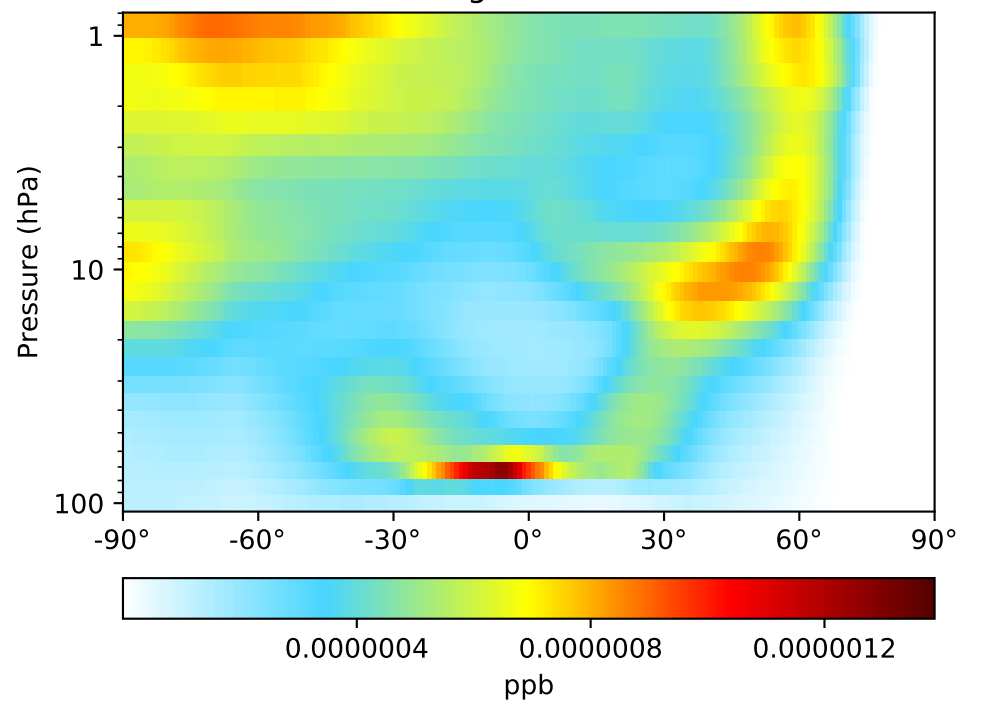


SpeciesConc_ClOO, Zonal Mean (Jan2019)

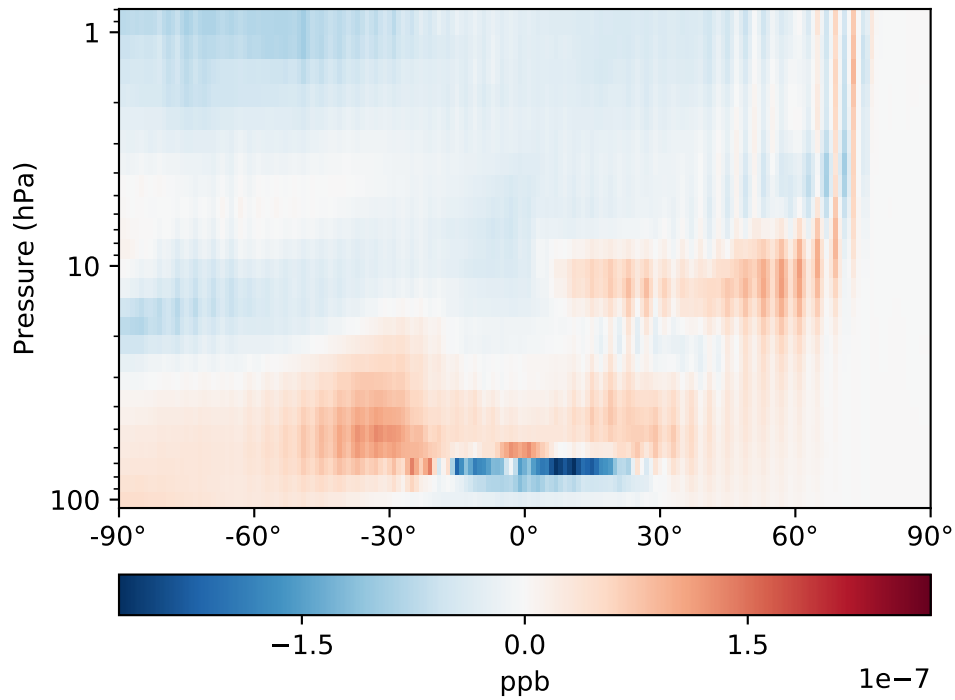
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



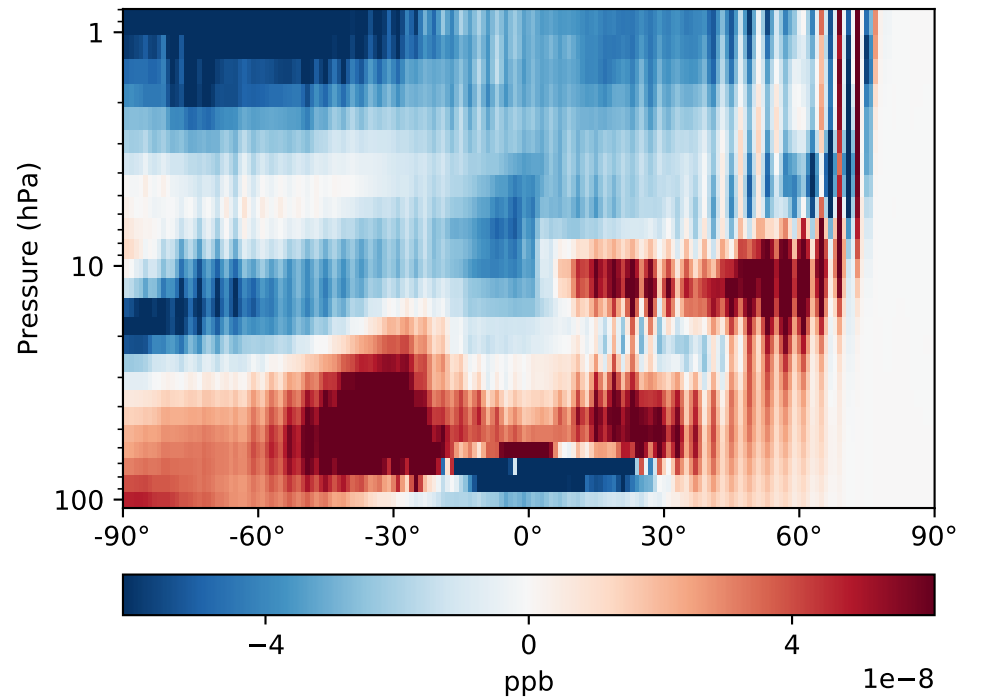
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



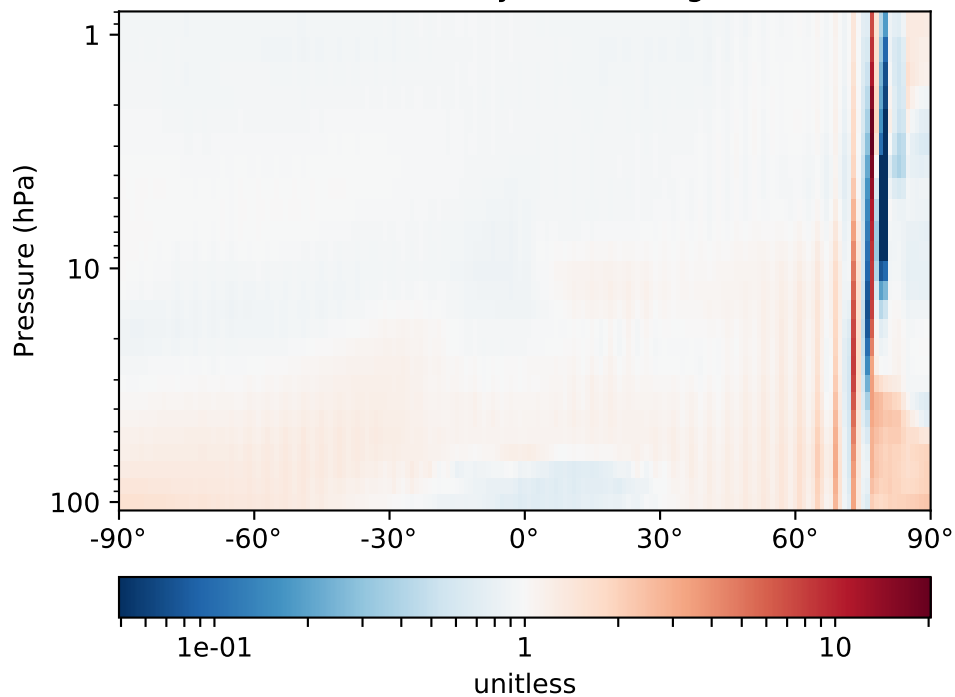
Difference (1x1.25)
Dev - Ref, Dynamic Range



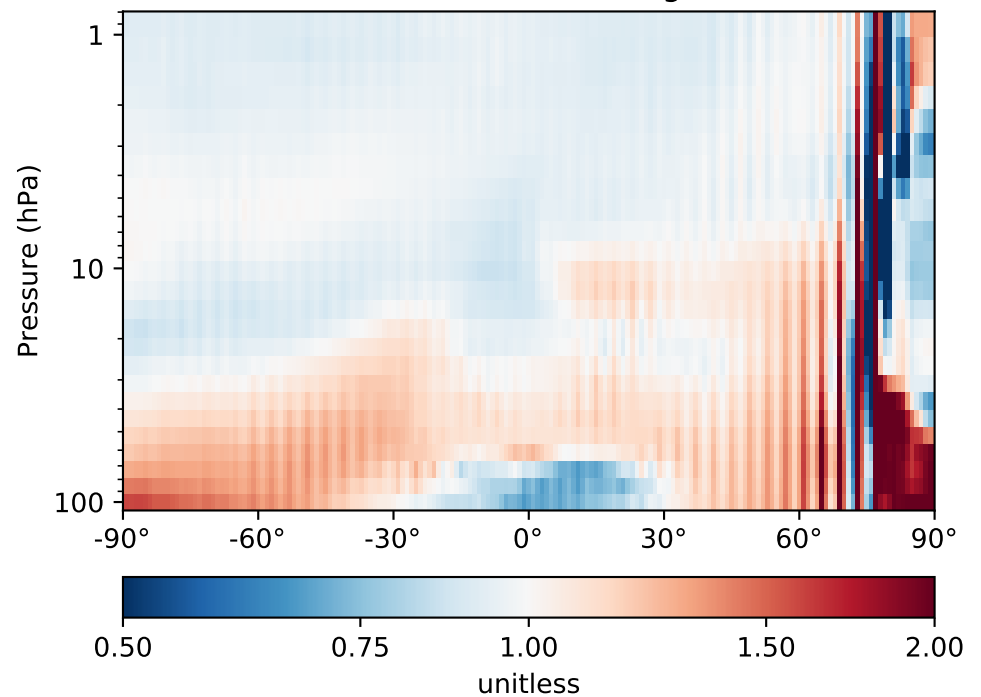
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

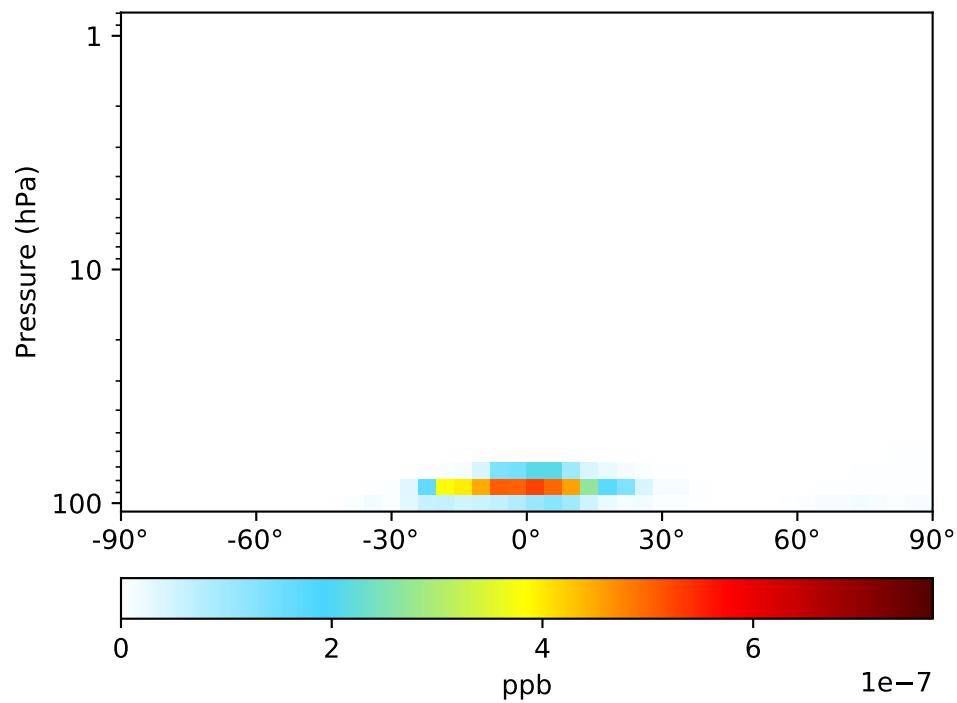


Ratio (1x1.25)
Dev/Ref, Fixed Range

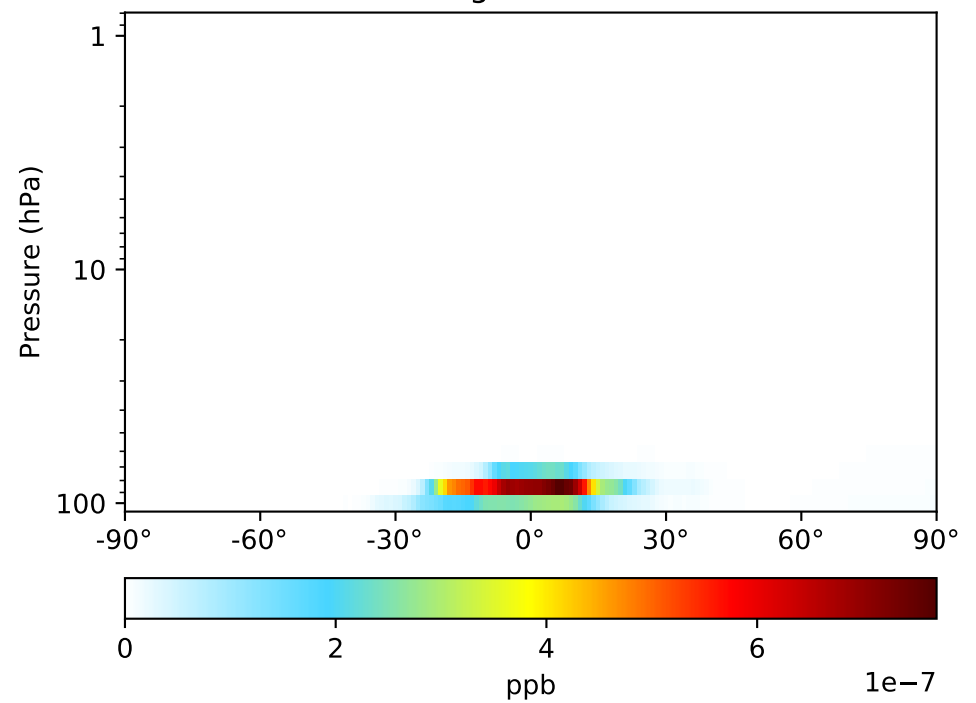


SpeciesConc_ClNO2, Zonal Mean (Jan2019)

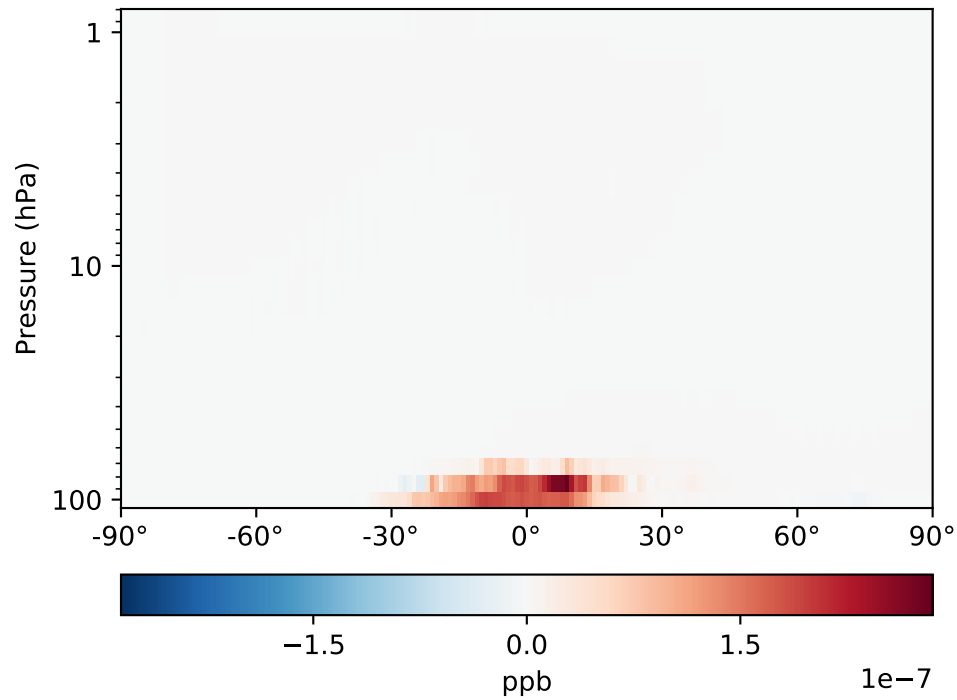
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



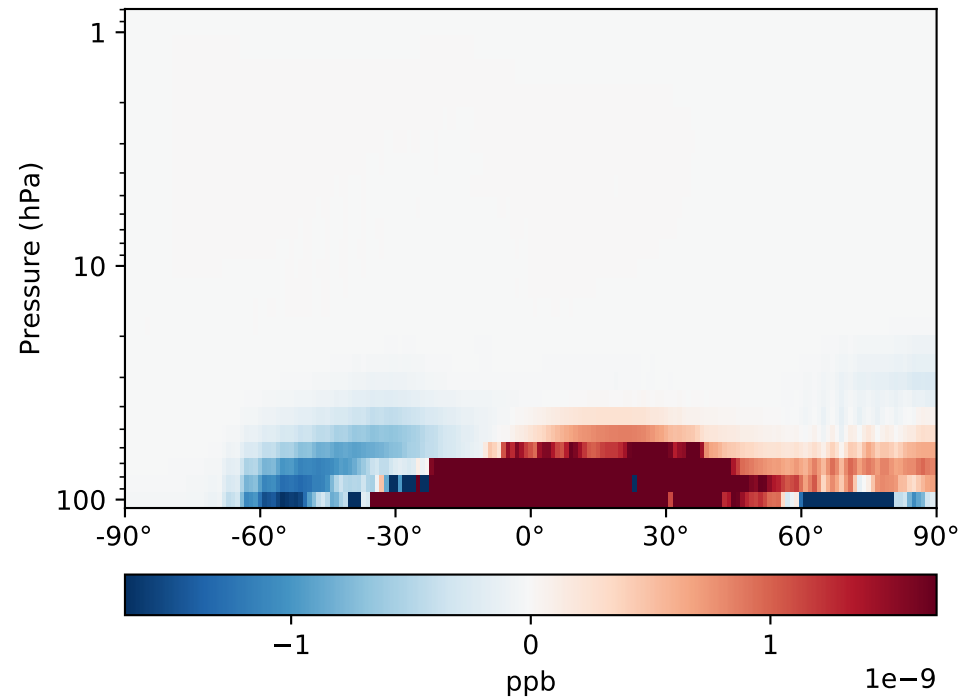
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



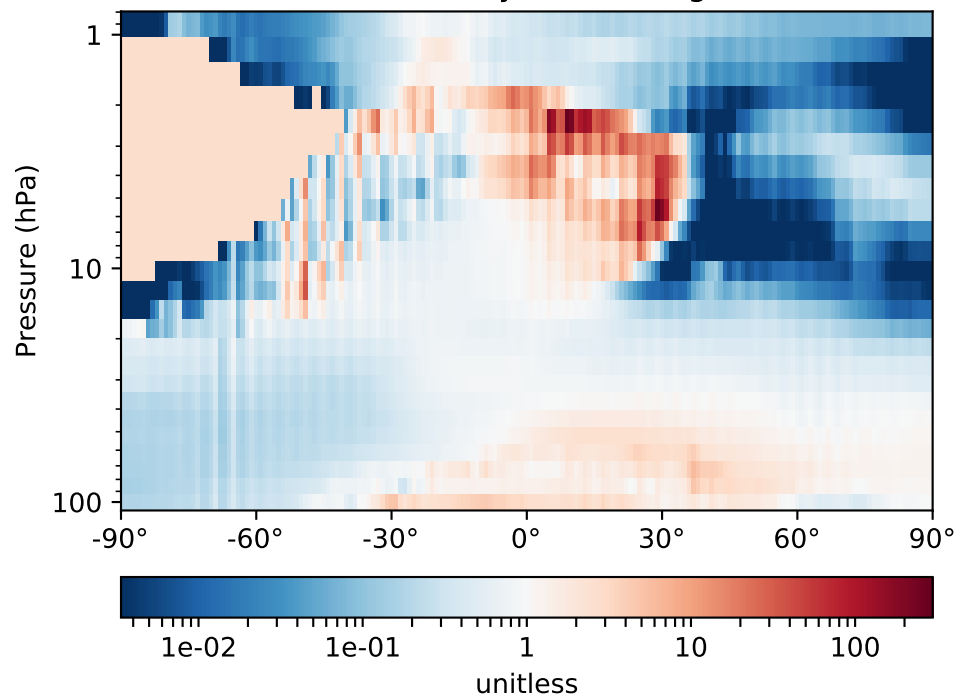
Difference (1x1.25)
Dev - Ref, Dynamic Range



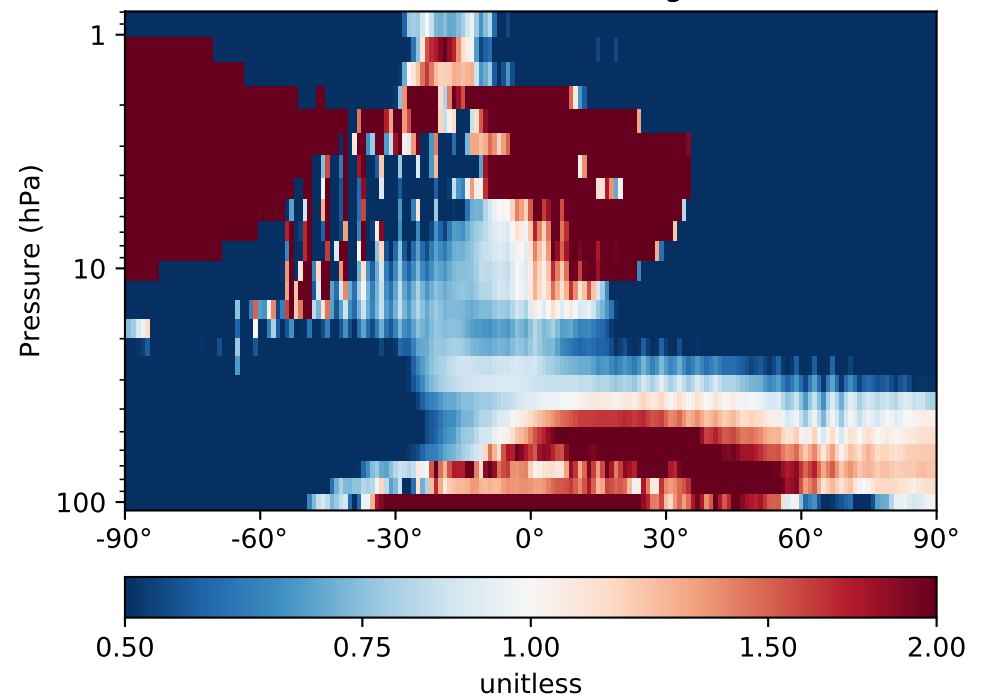
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

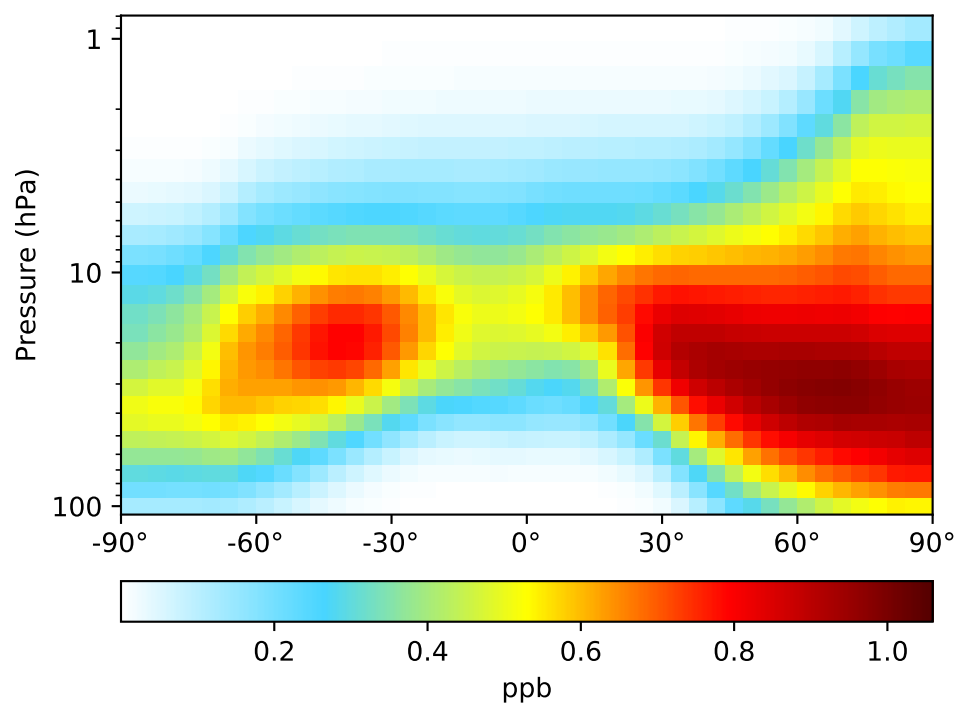


Ratio (1x1.25)
Dev/Ref, Fixed Range

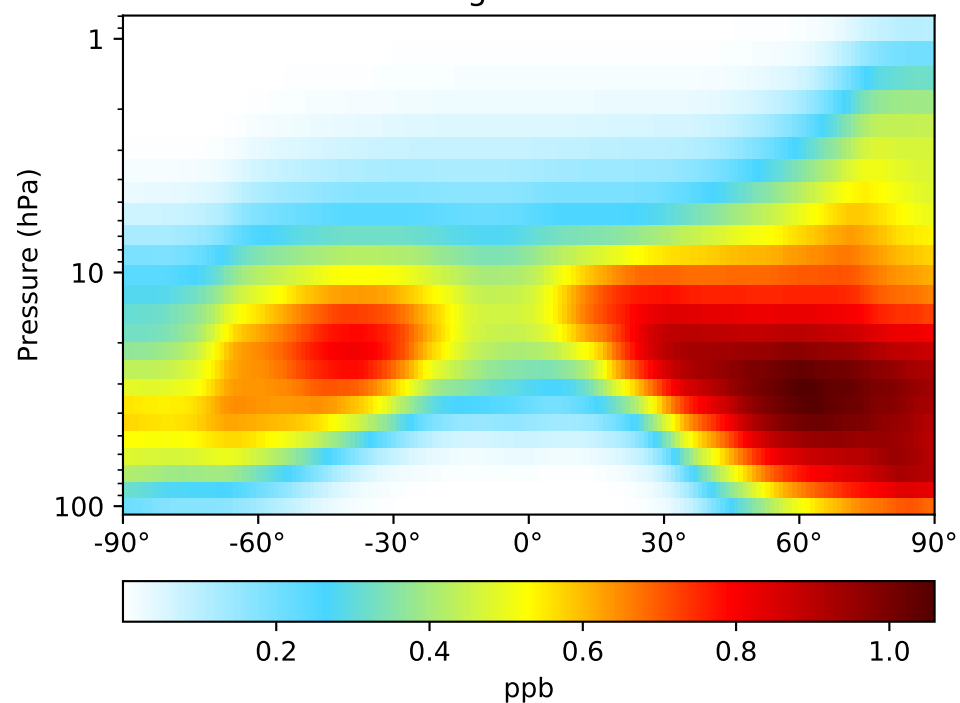


SpeciesConc_ClNO3, Zonal Mean (Jan2019)

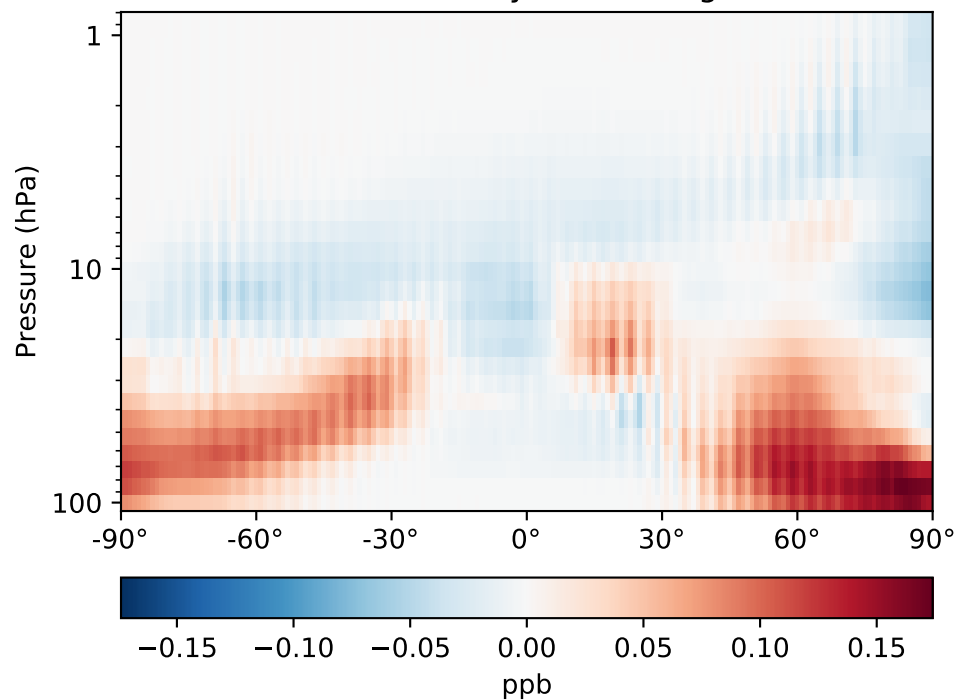
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



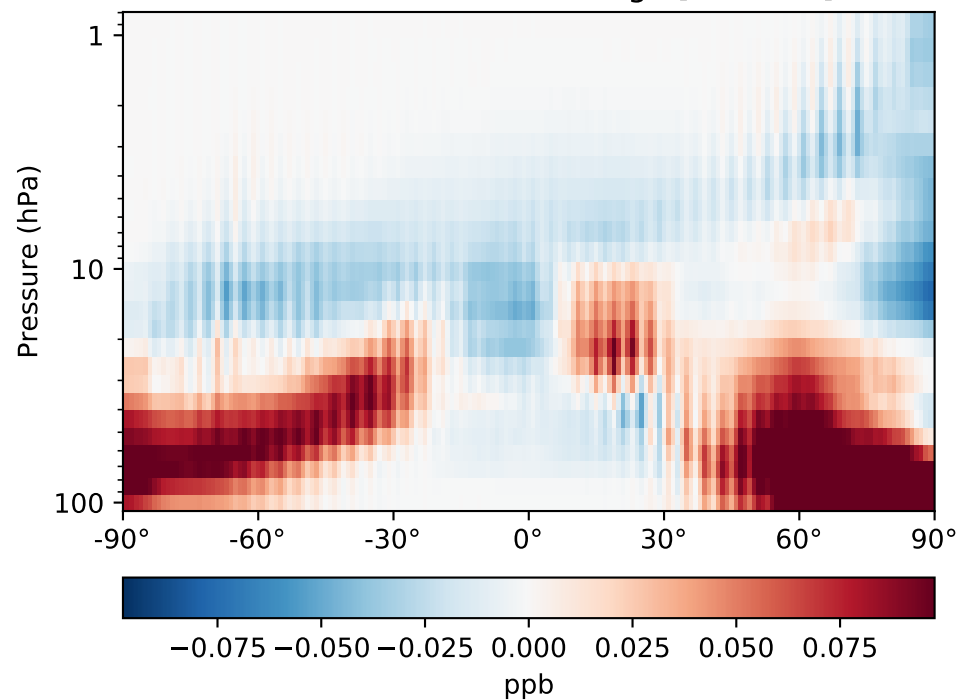
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



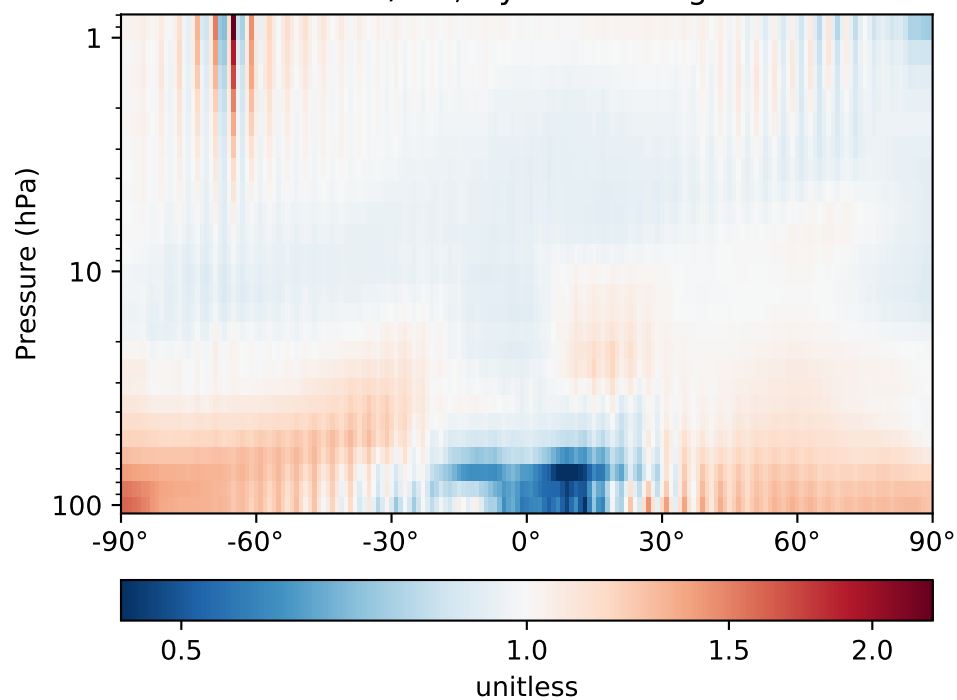
Difference (1x1.25)
Dev - Ref, Dynamic Range



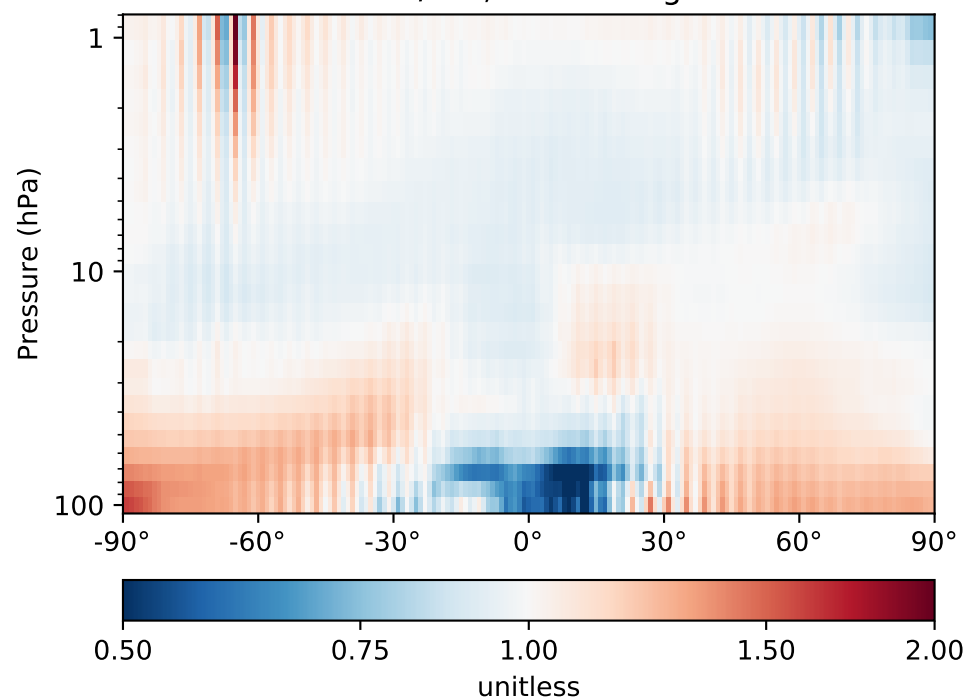
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

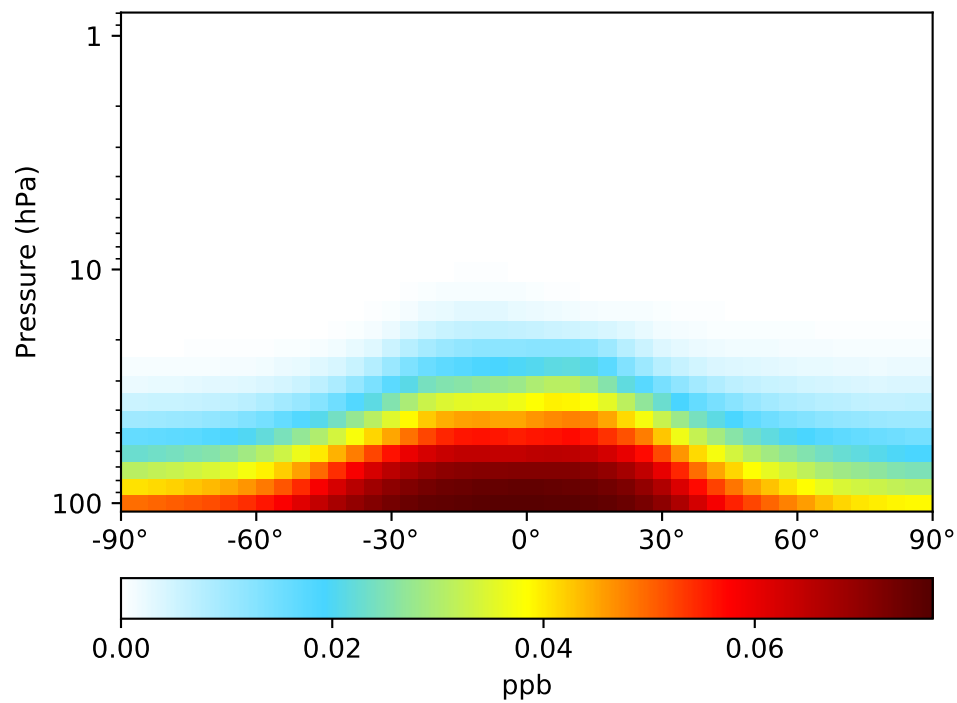


Ratio (1x1.25)
Dev/Ref, Fixed Range

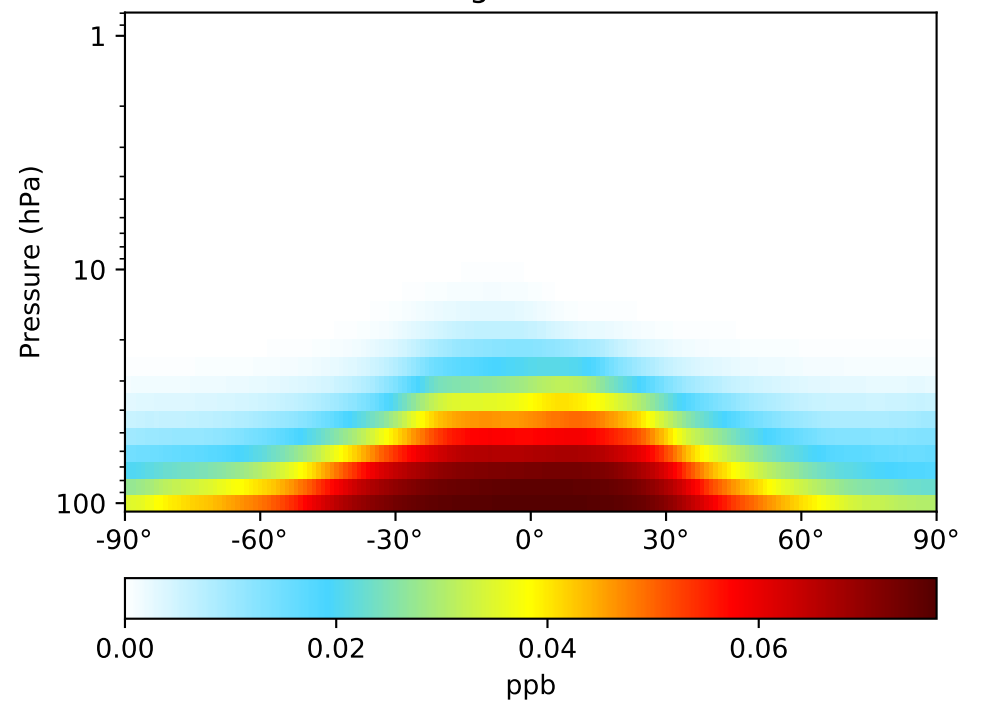


SpeciesConc_CCl4, Zonal Mean (Jan2019)

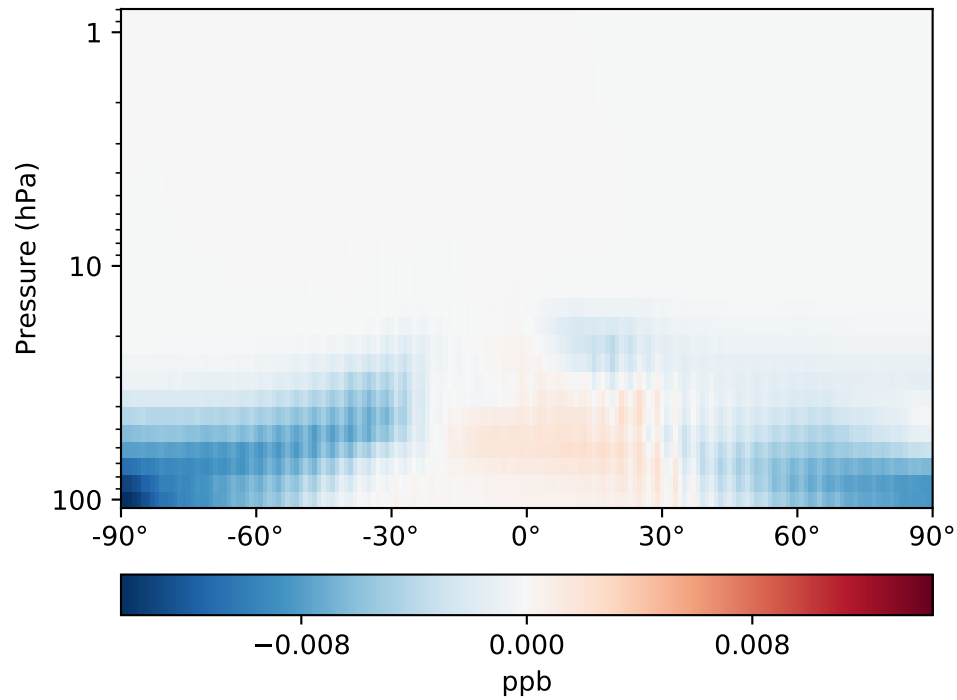
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



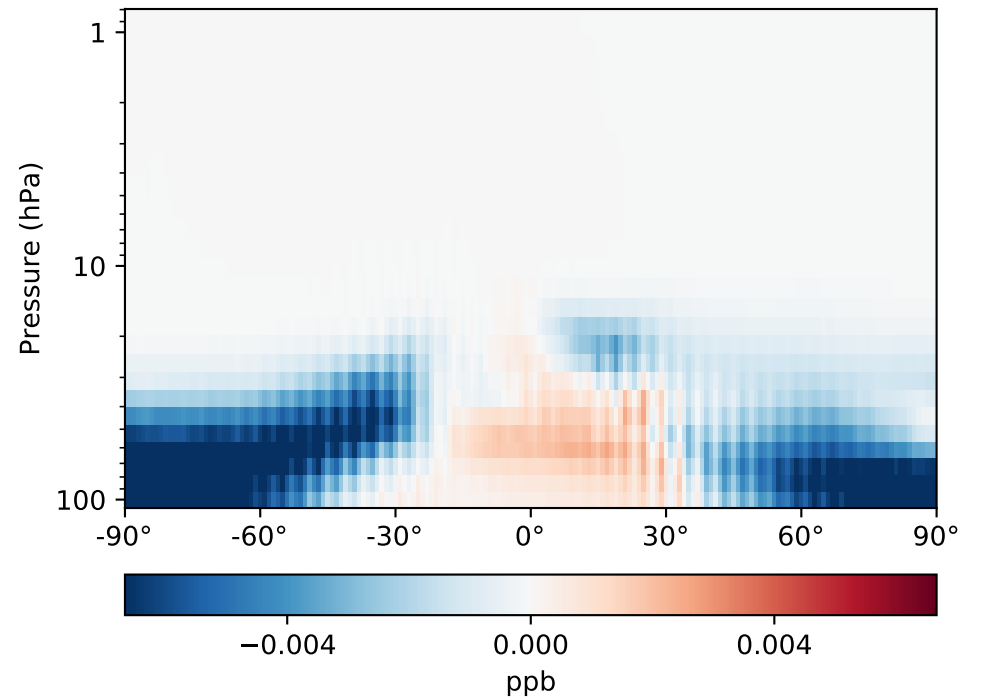
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



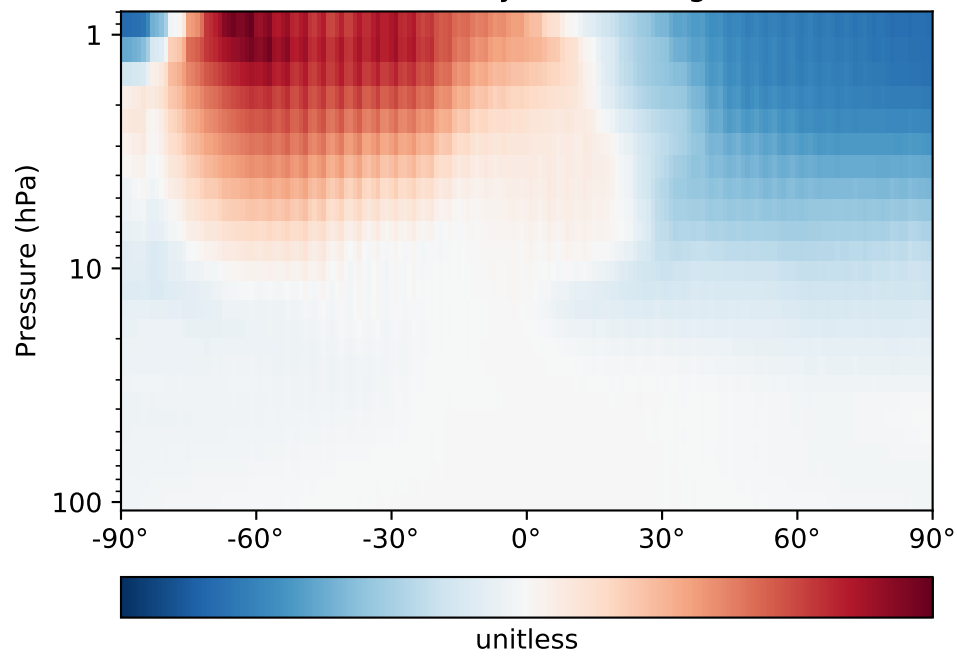
Difference (1x1.25)
Dev - Ref, Dynamic Range



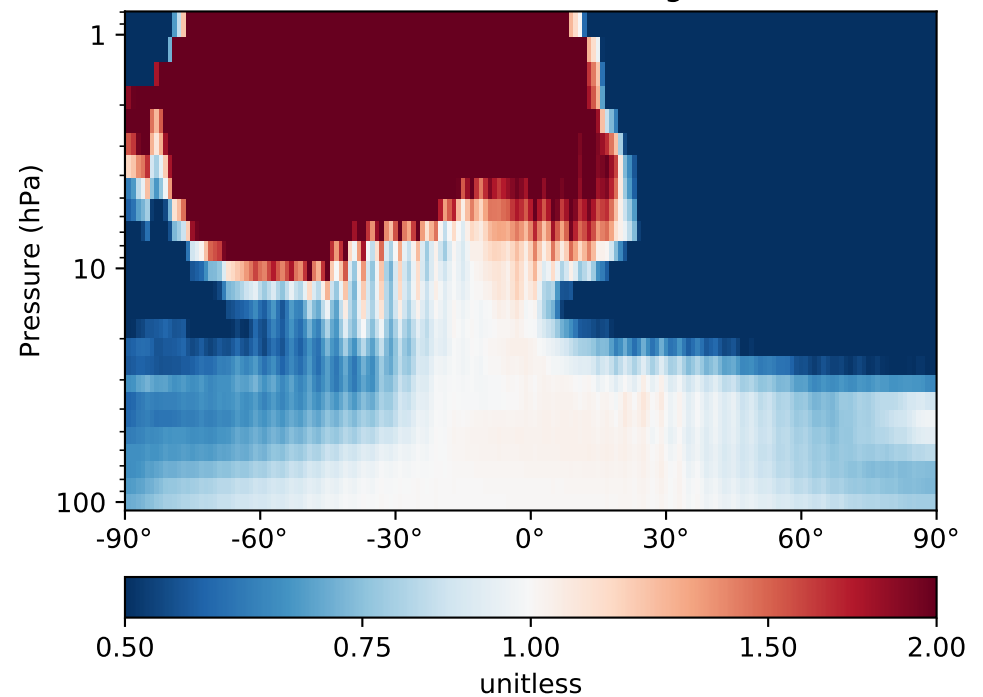
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

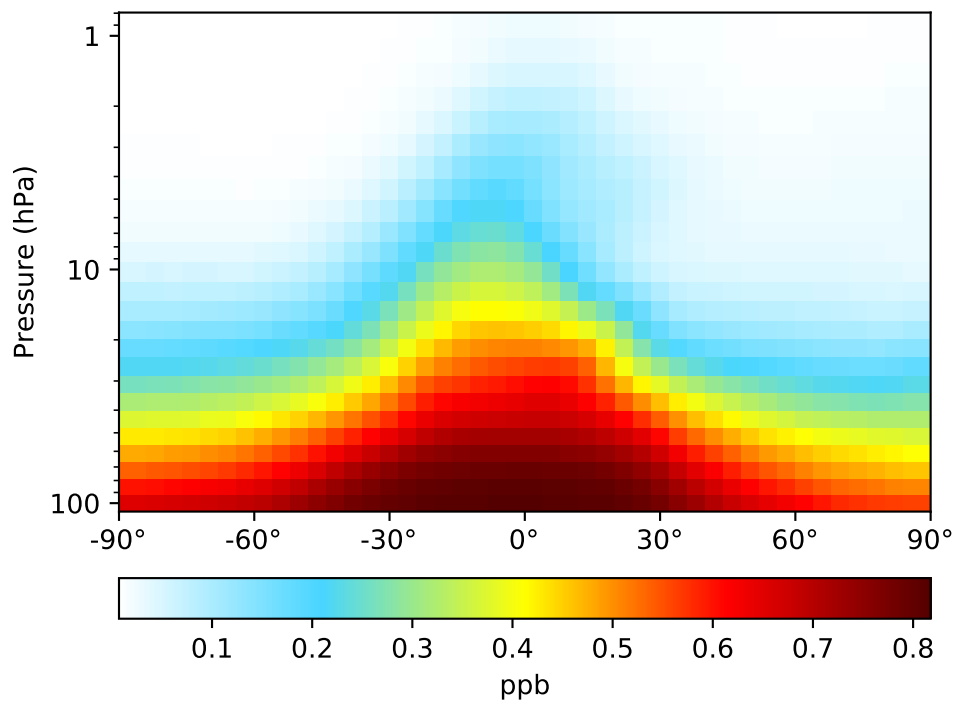


Ratio (1x1.25)
Dev/Ref, Fixed Range

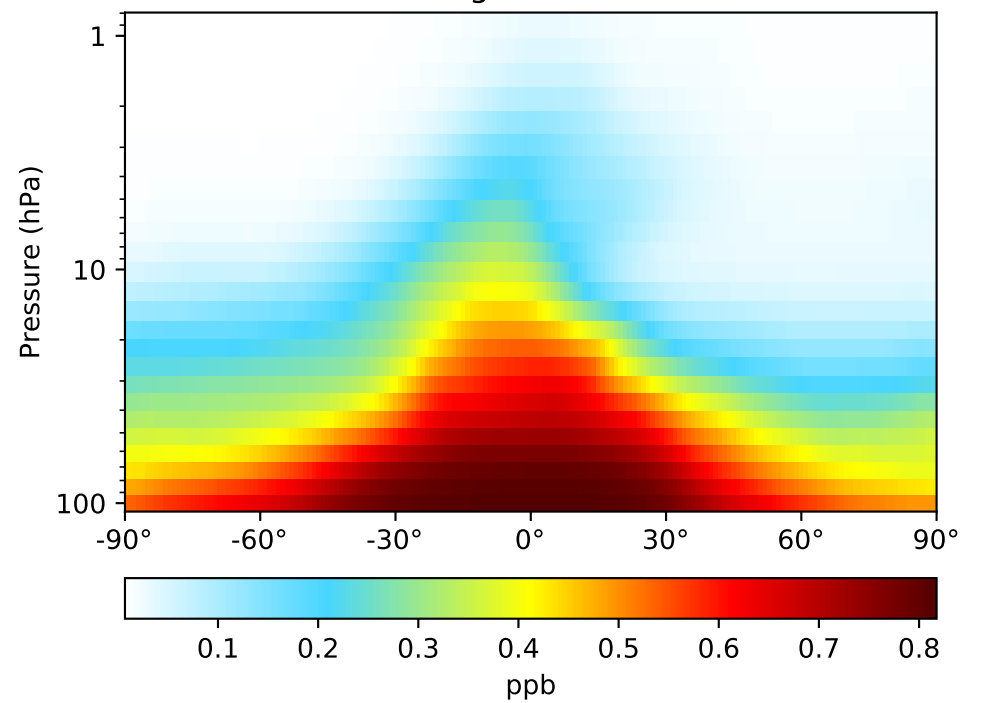


SpeciesConc_CFCs, Zonal Mean (Jan2019)

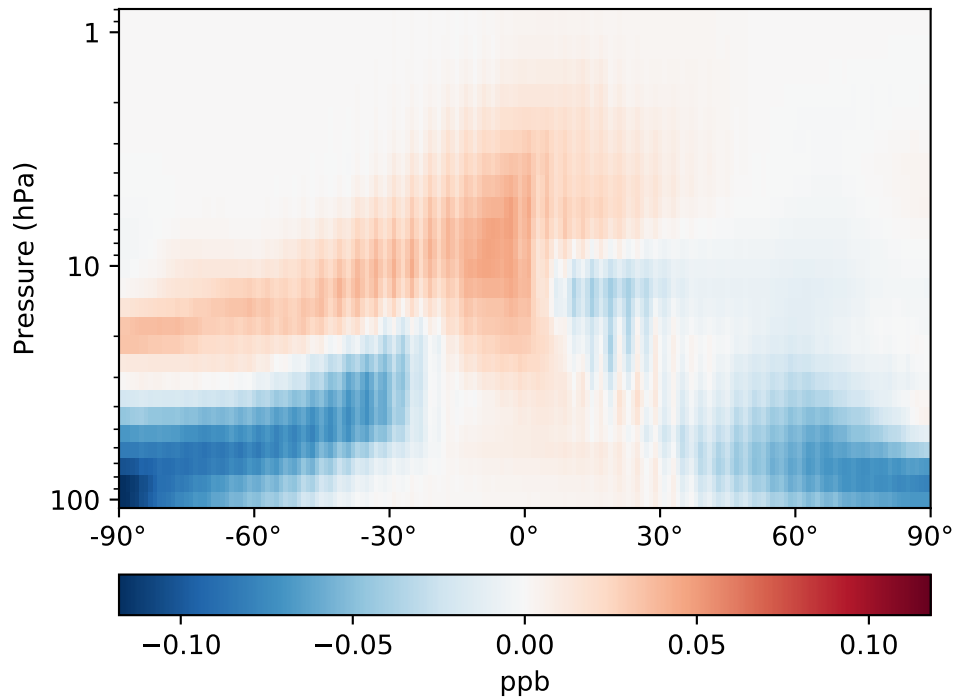
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



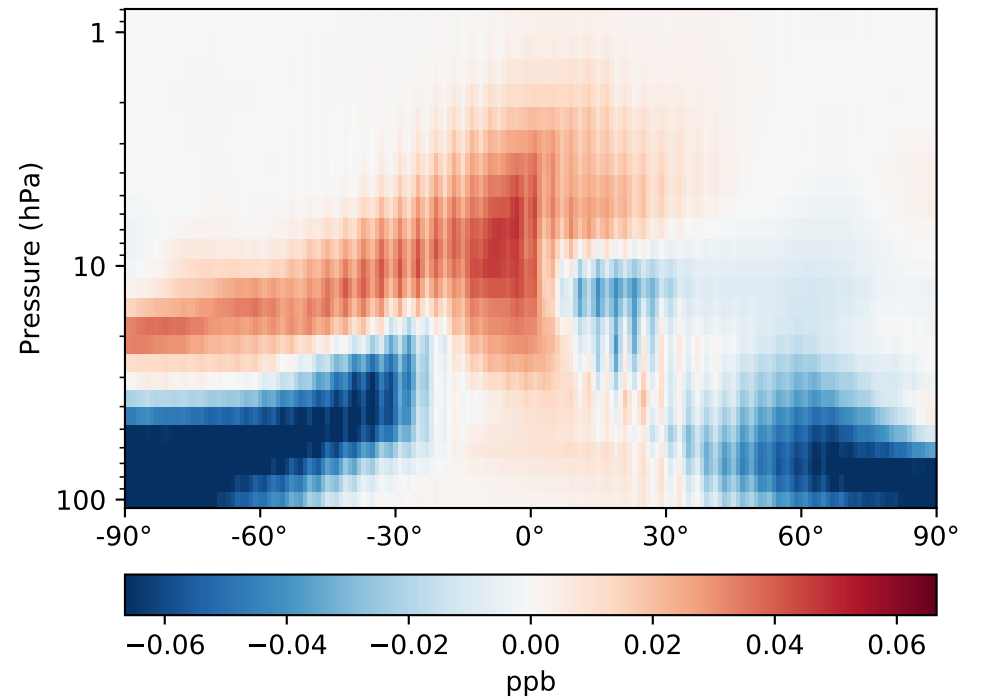
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



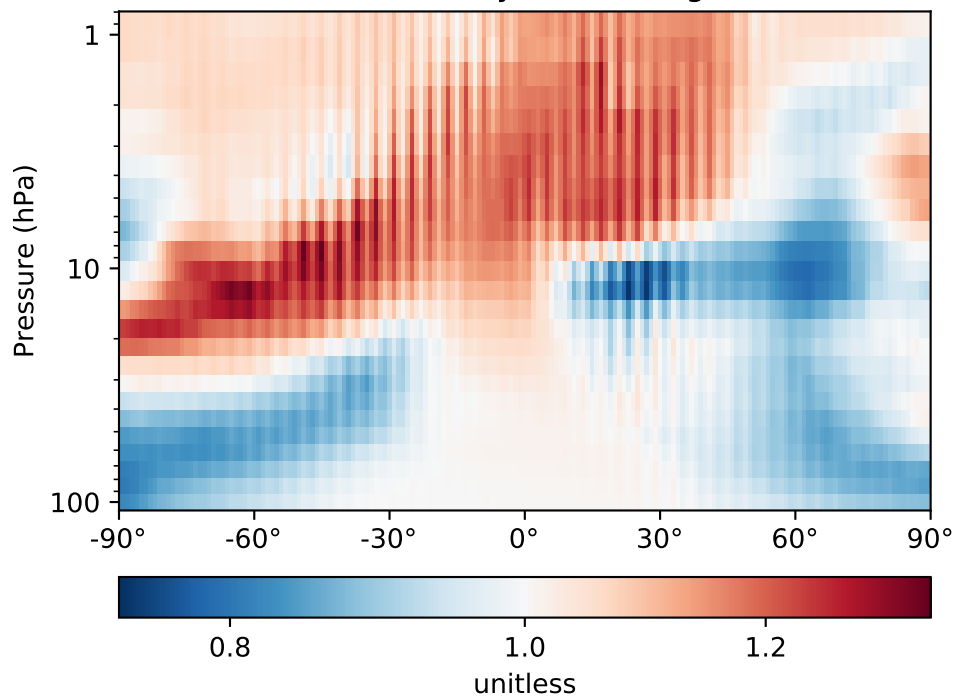
Difference (1x1.25)
Dev - Ref, Dynamic Range



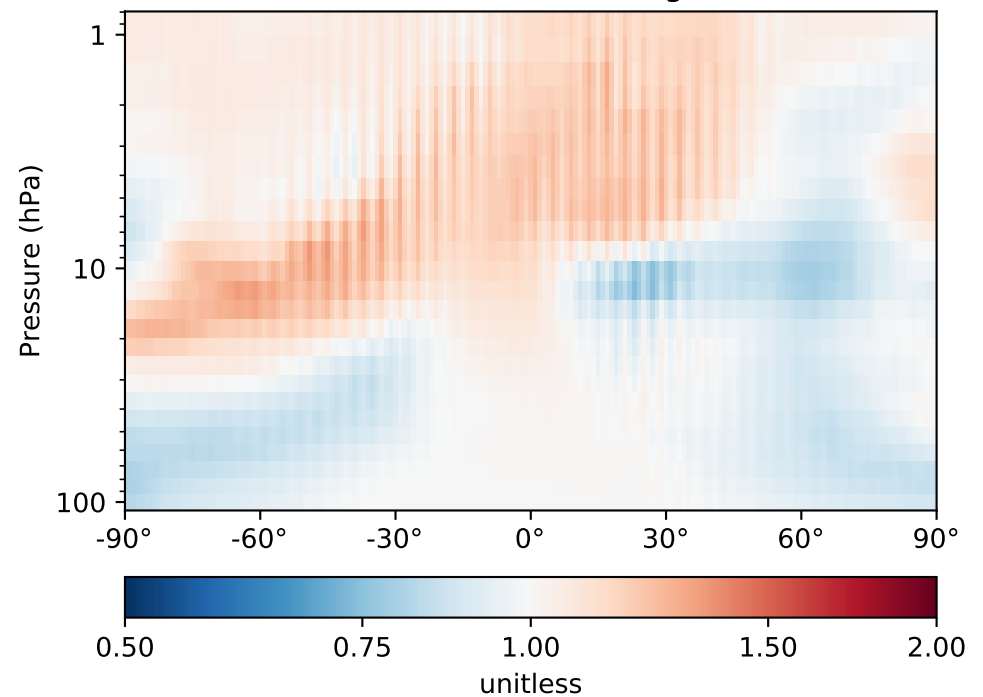
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

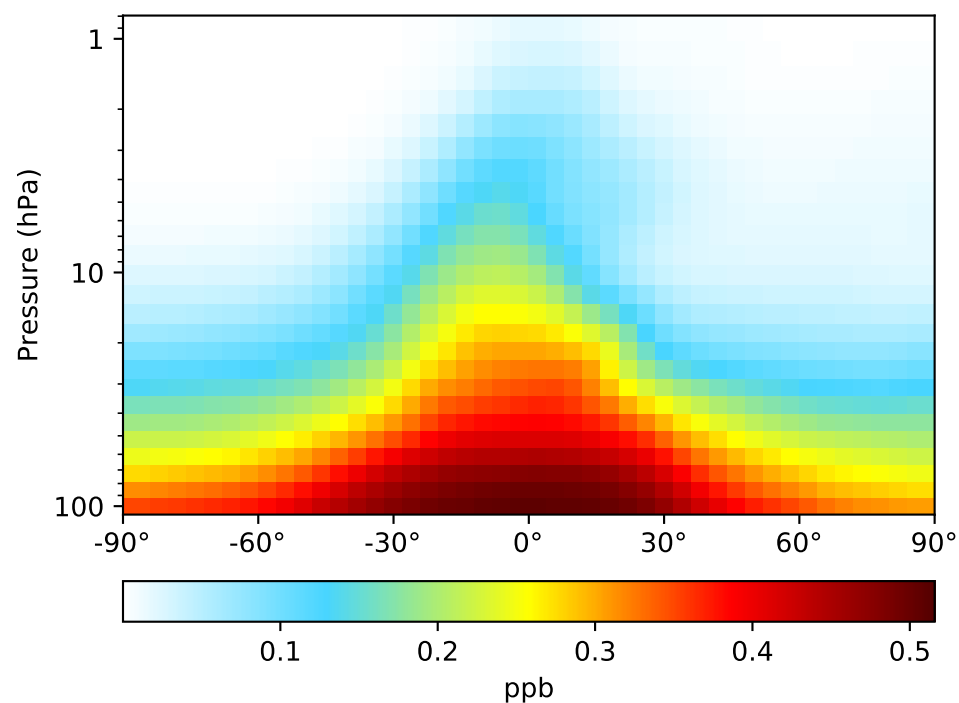


Ratio (1x1.25)
Dev/Ref, Fixed Range

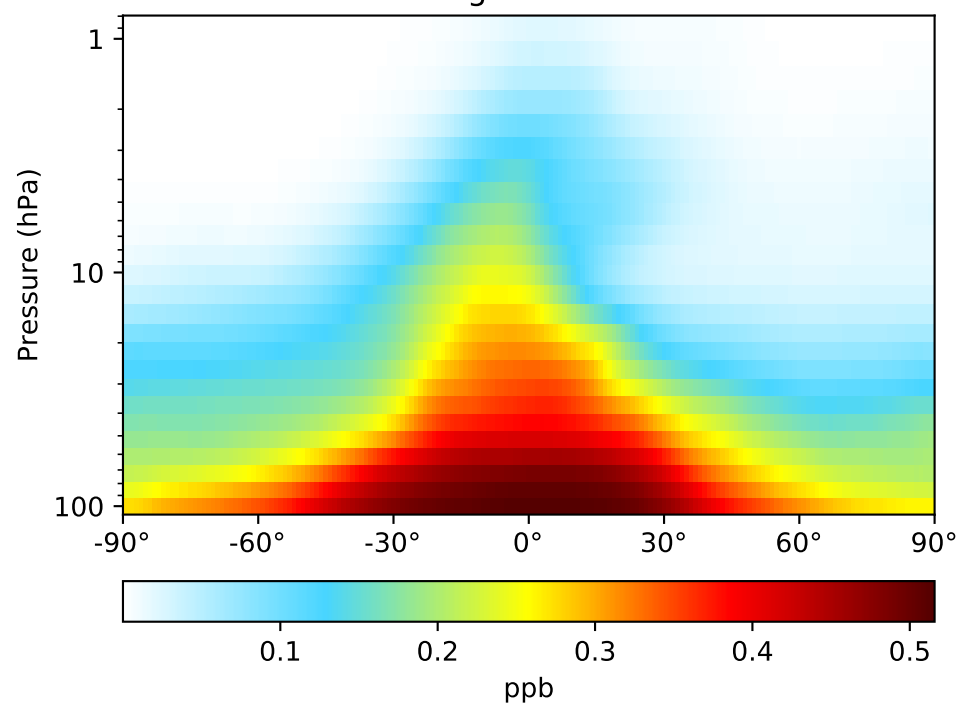


SpeciesConc_CH3Cl, Zonal Mean (Jan2019)

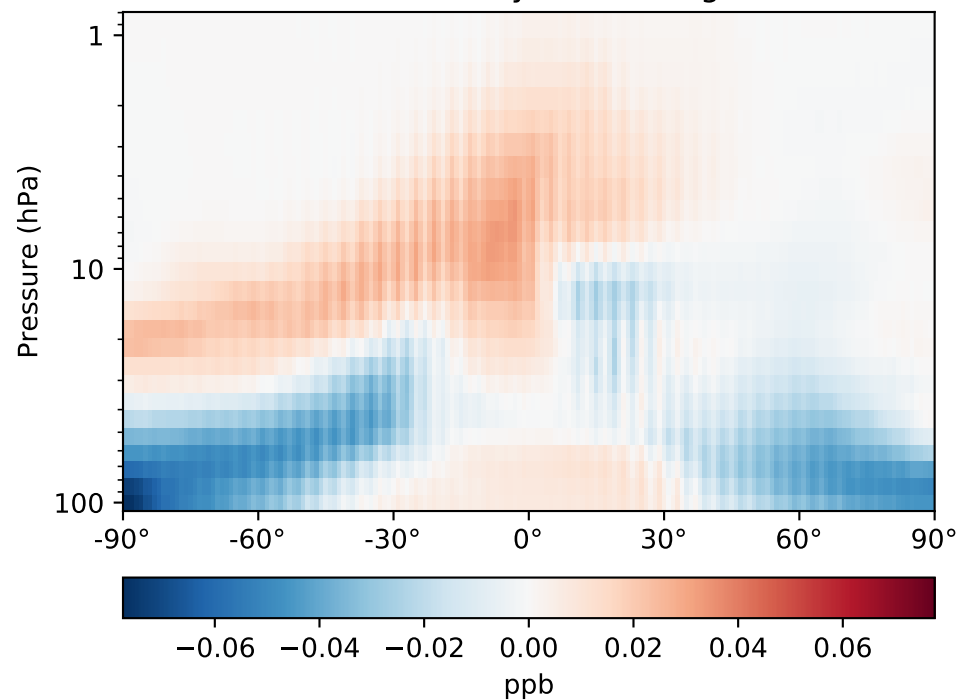
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



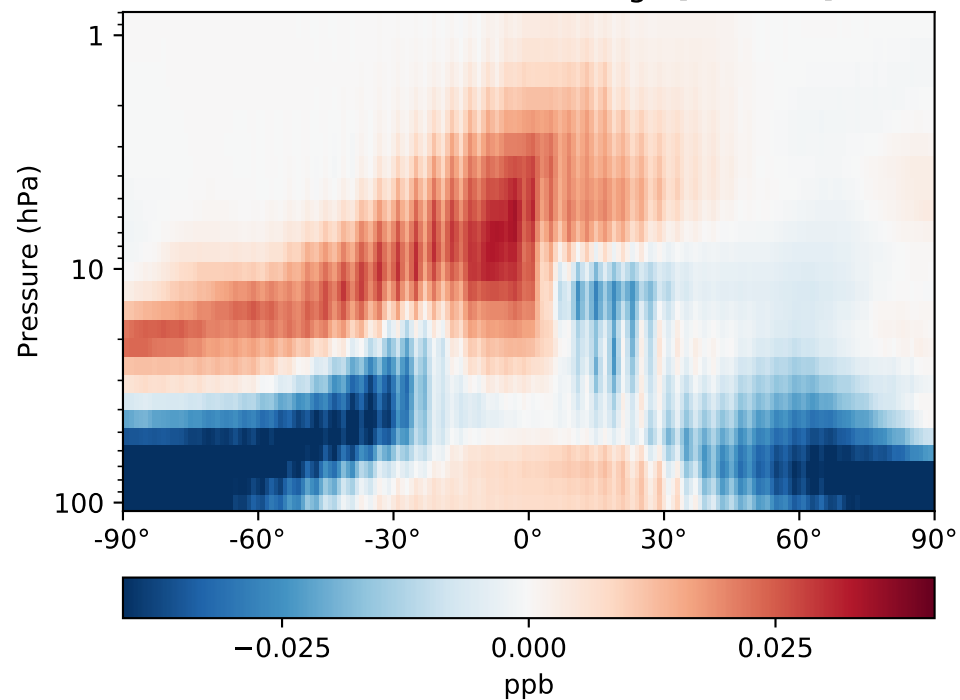
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



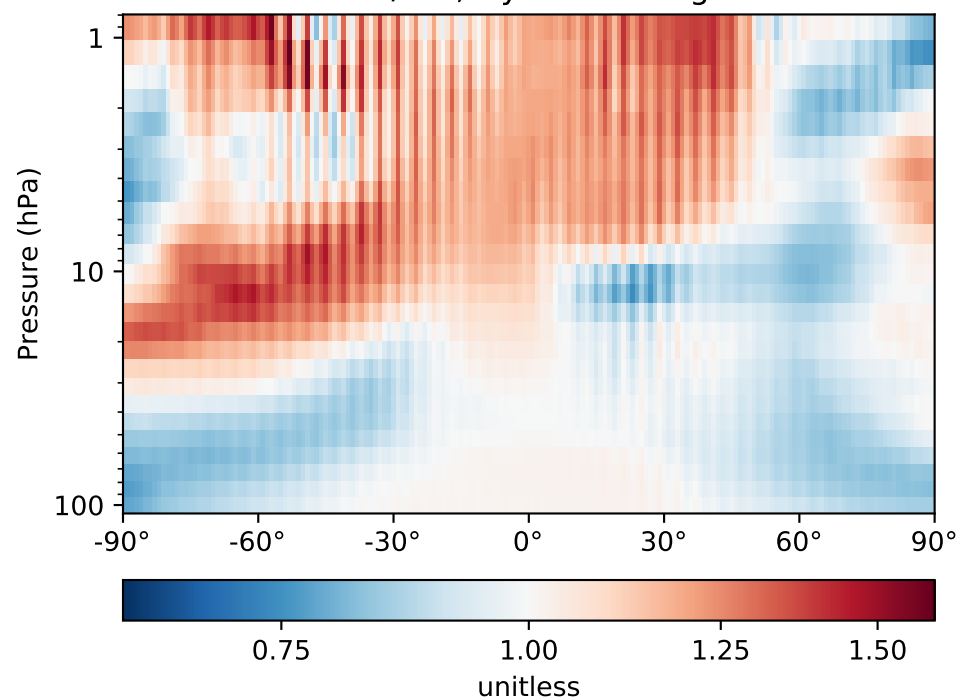
Difference (1x1.25)
Dev - Ref, Dynamic Range



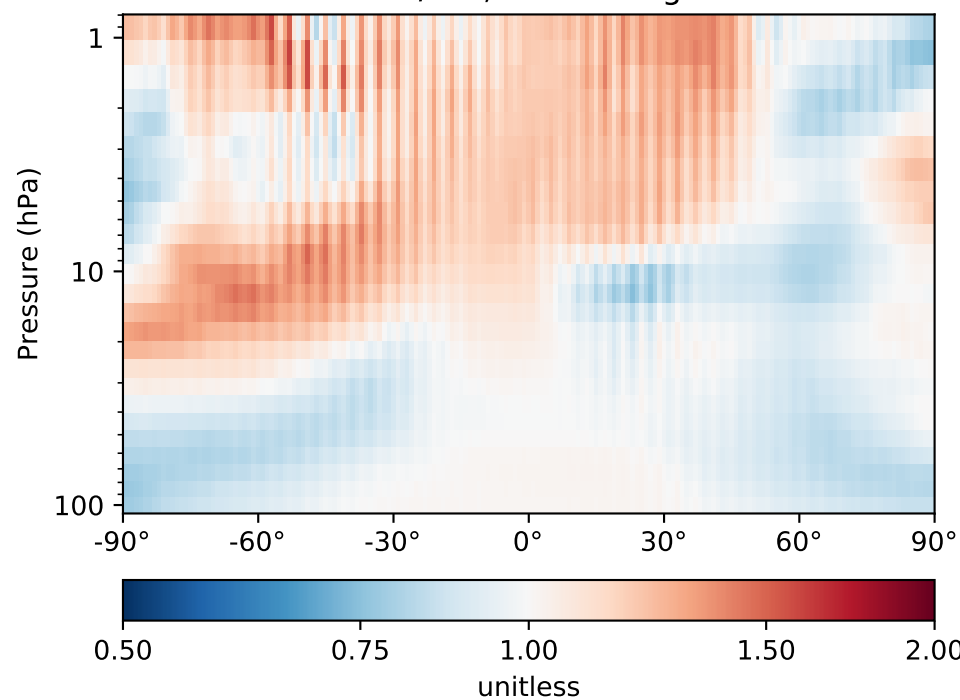
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

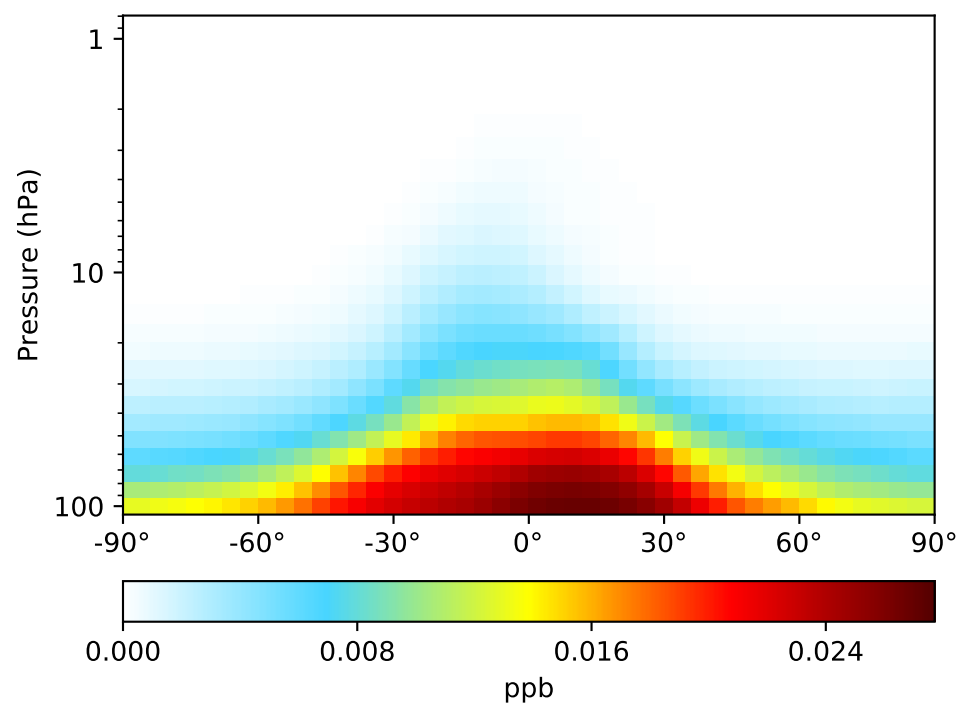


Ratio (1x1.25)
Dev/Ref, Fixed Range

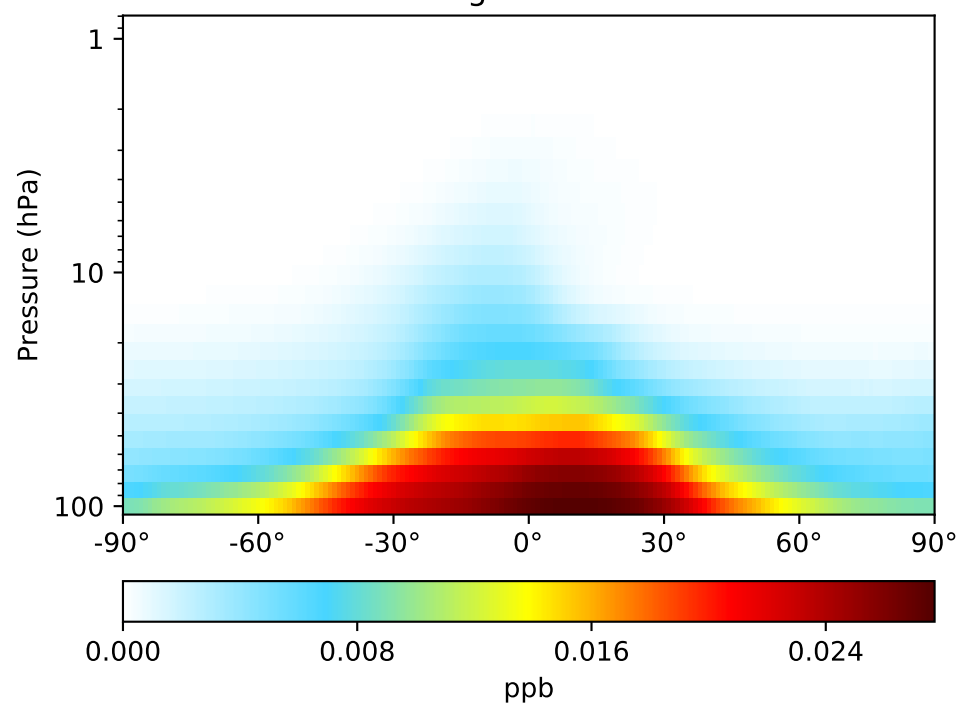


SpeciesConc_CH2Cl2, Zonal Mean (Jan2019)

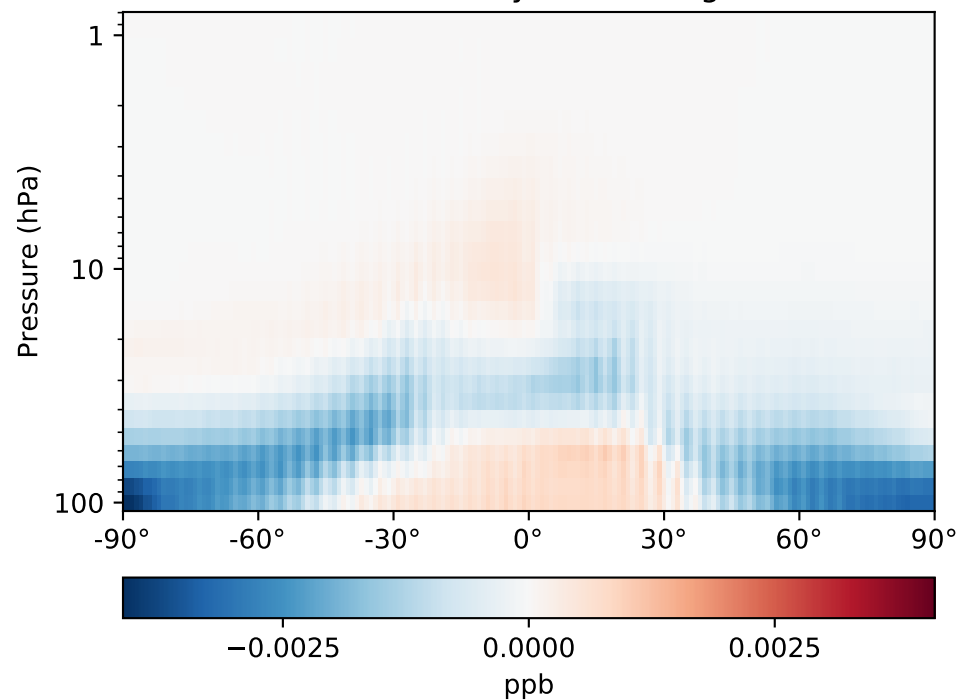
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



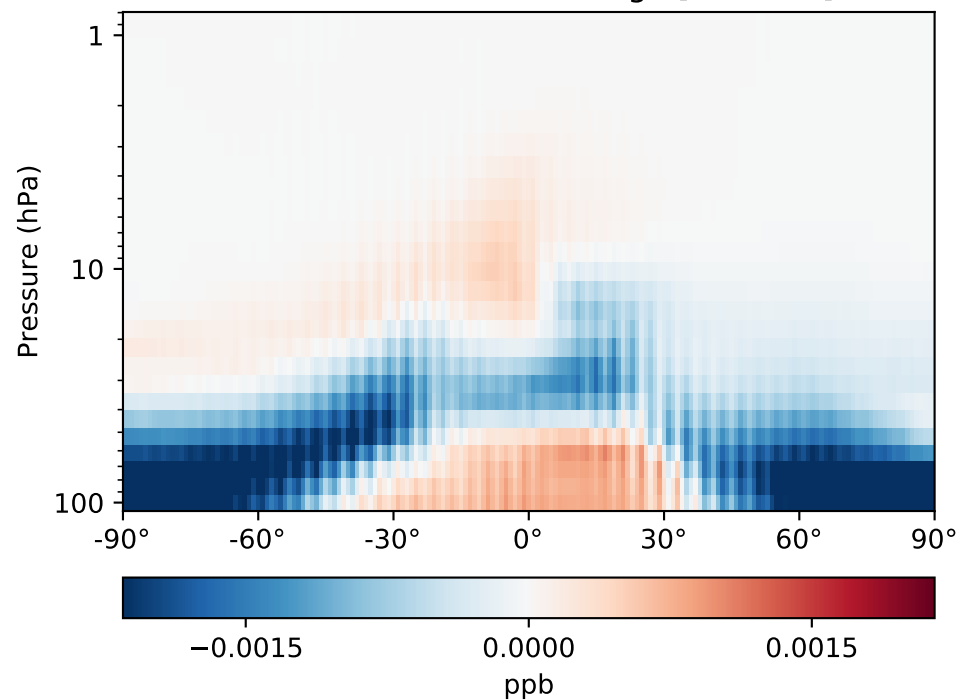
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



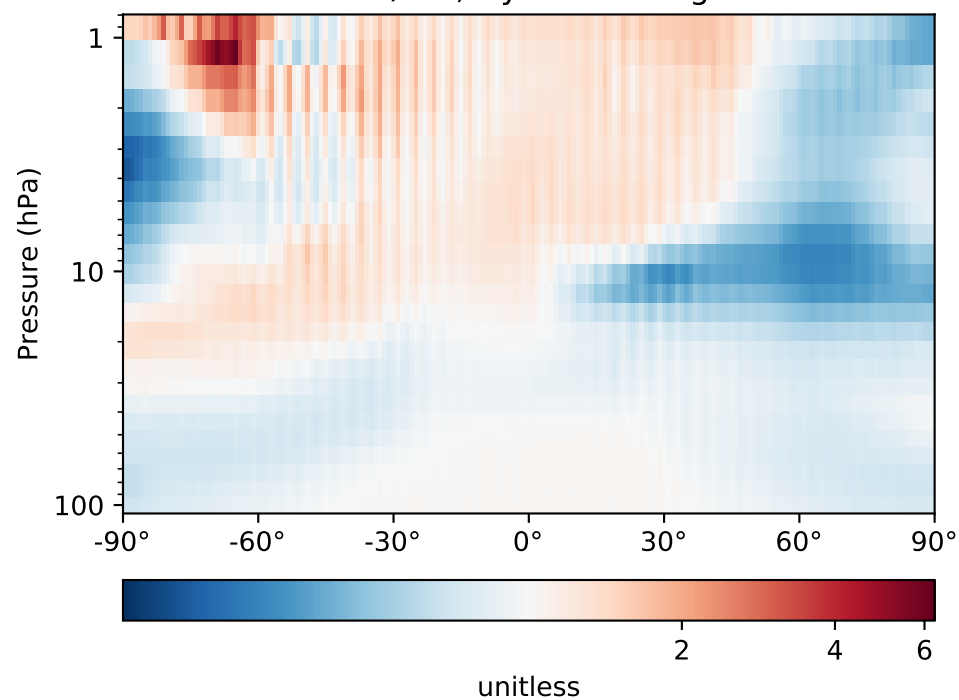
Difference (1x1.25)
Dev - Ref, Dynamic Range



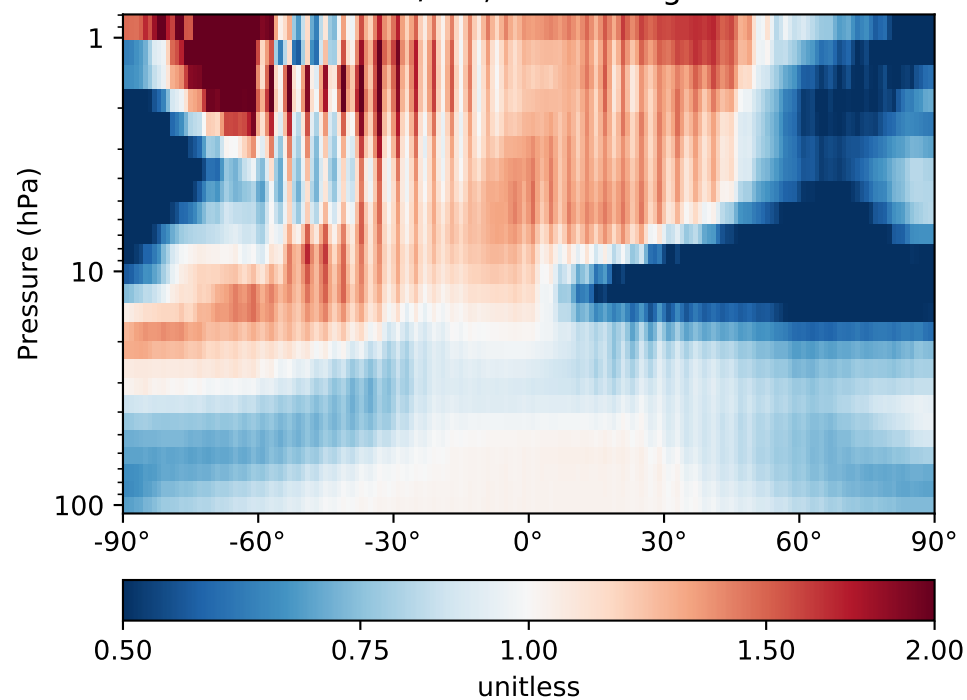
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

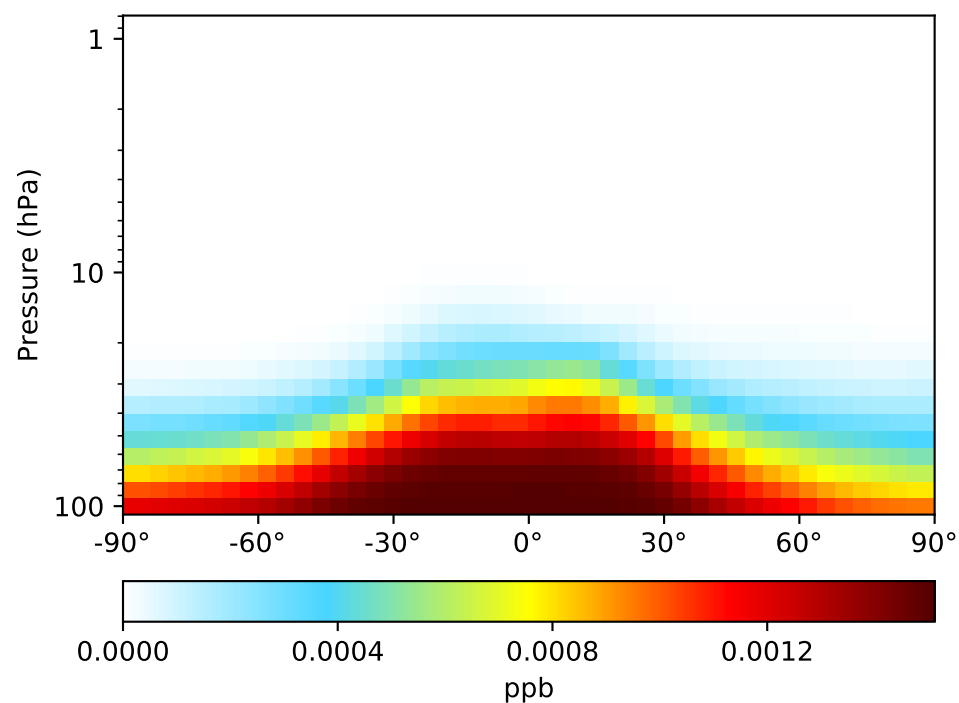


Ratio (1x1.25)
Dev/Ref, Fixed Range

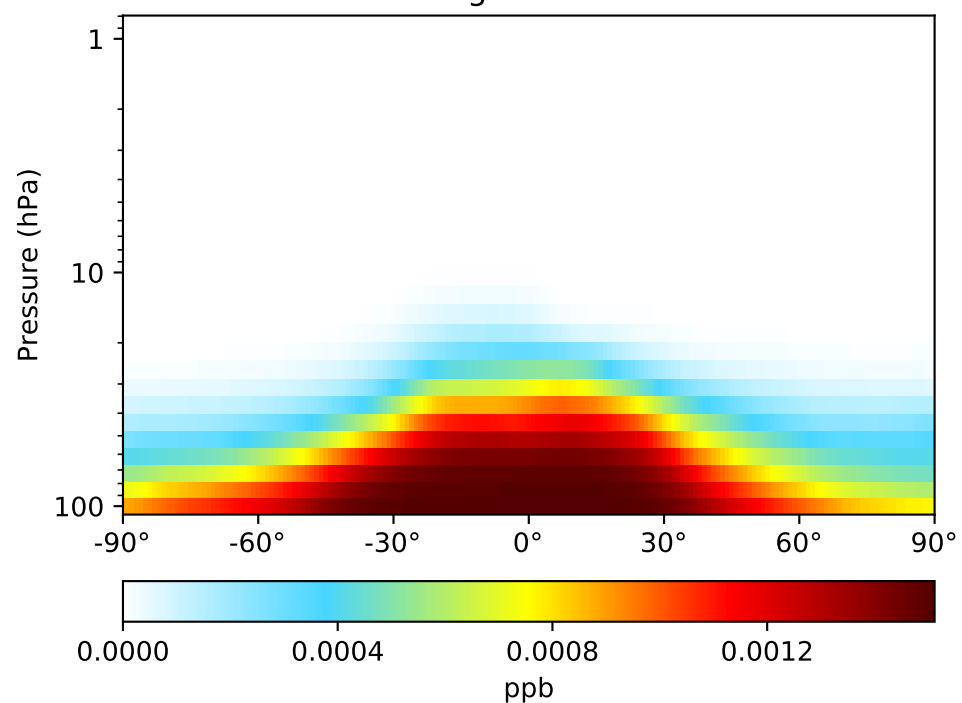


SpeciesConc_CH3CCl3, Zonal Mean (Jan2019)

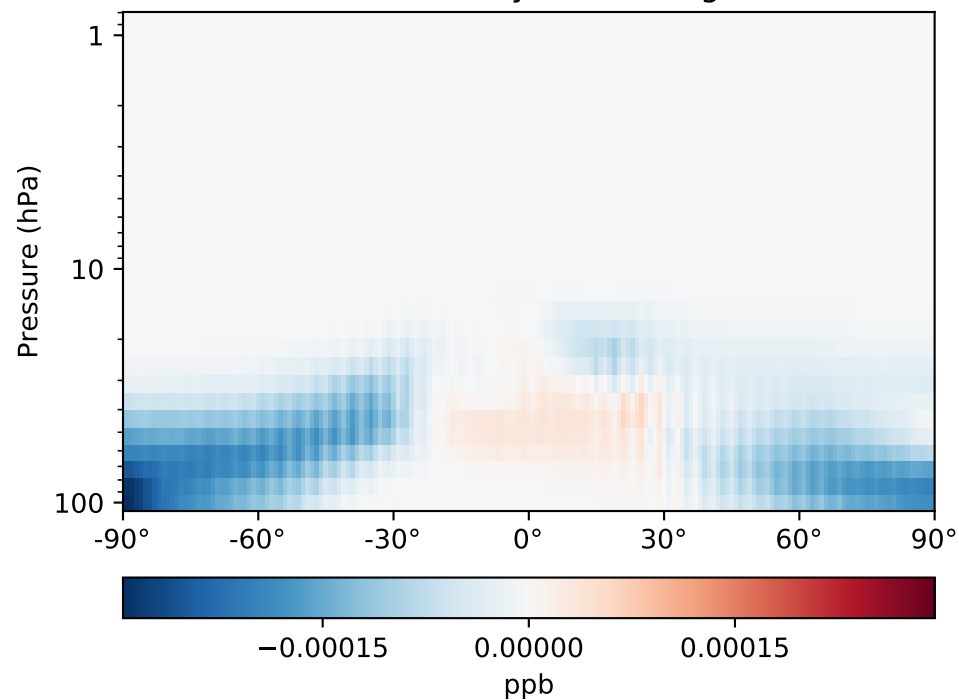
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



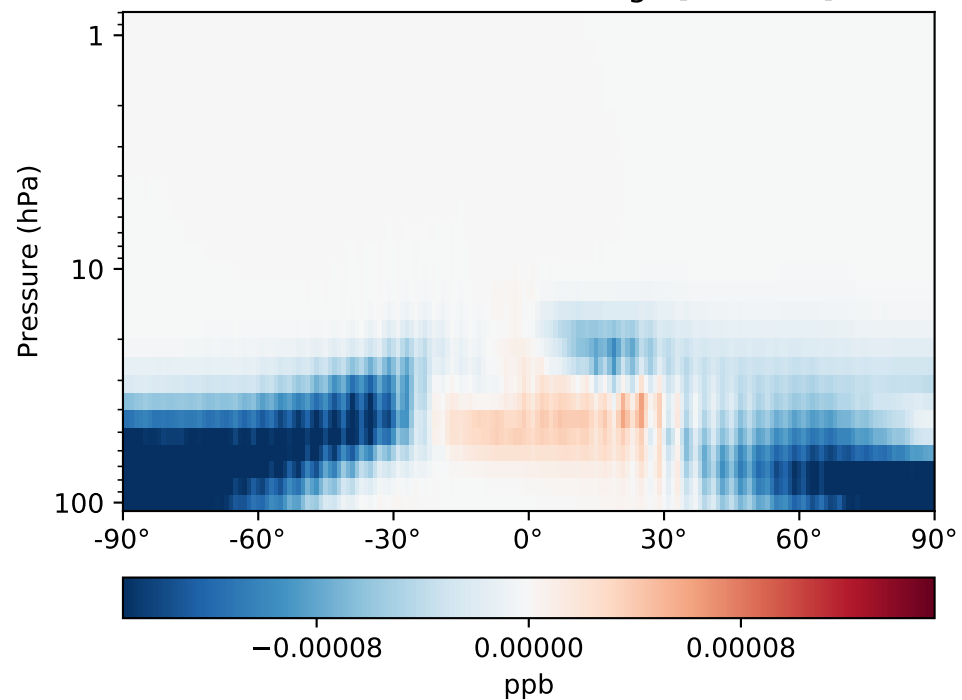
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



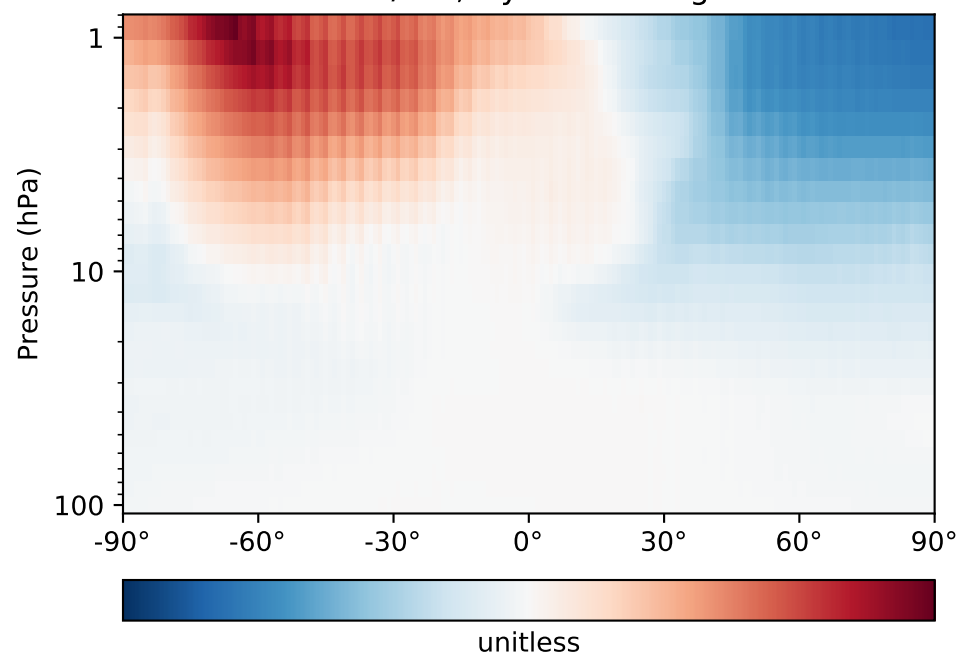
Difference (1x1.25)
Dev - Ref, Dynamic Range



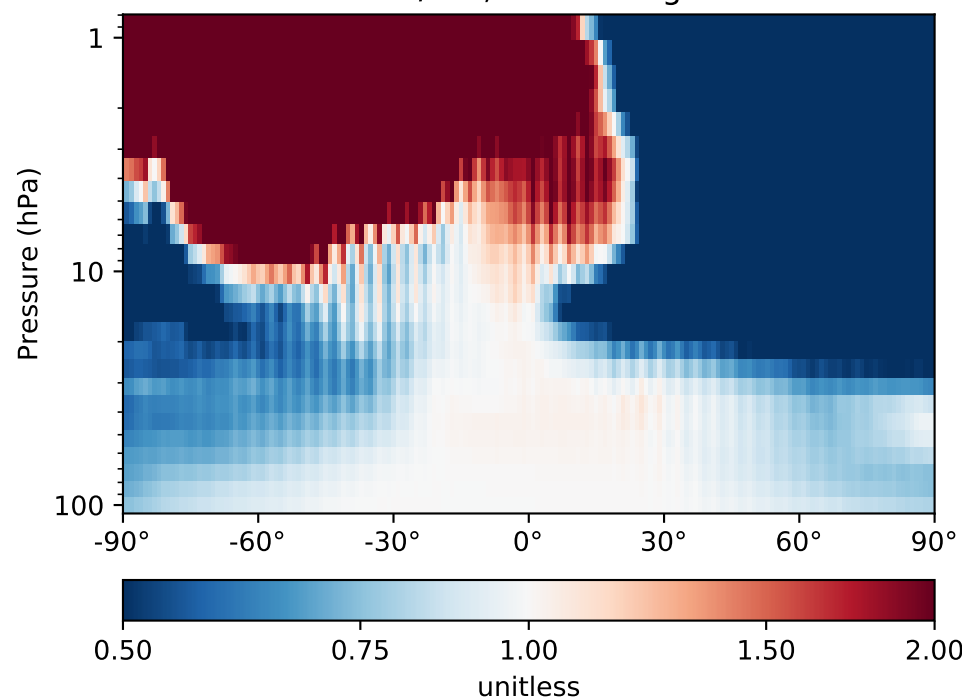
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

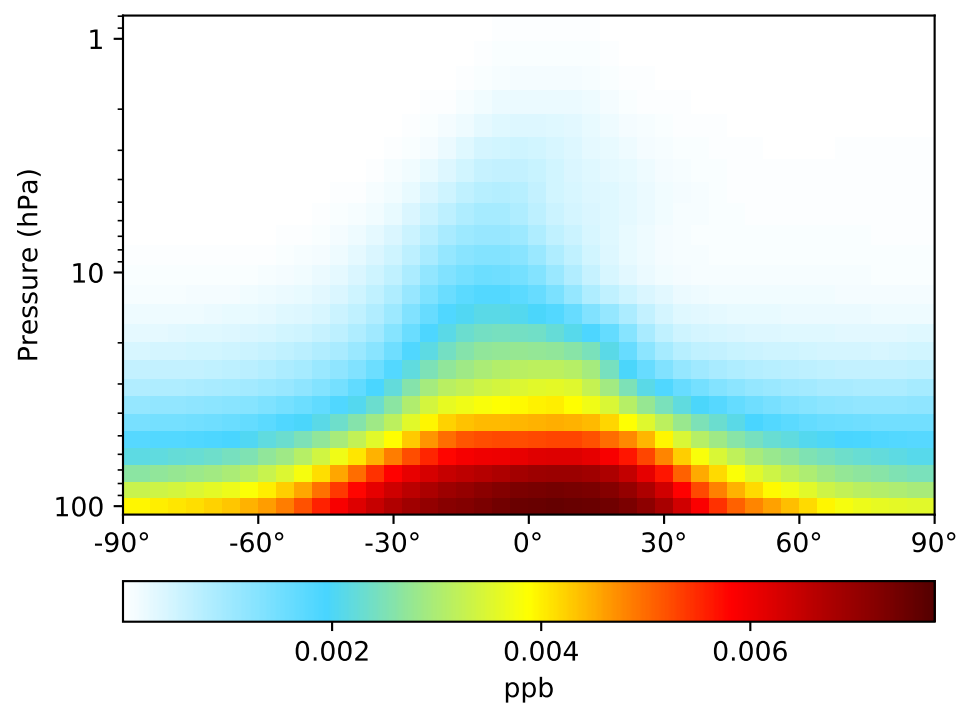


Ratio (1x1.25)
Dev/Ref, Fixed Range

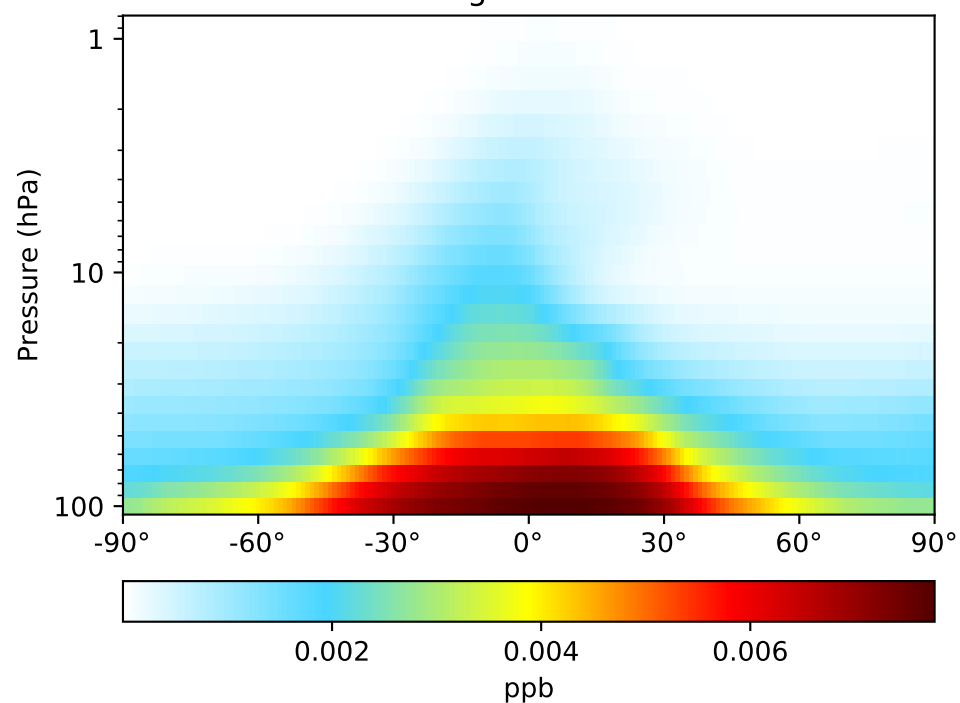


SpeciesConc_CHCl3, Zonal Mean (Jan2019)

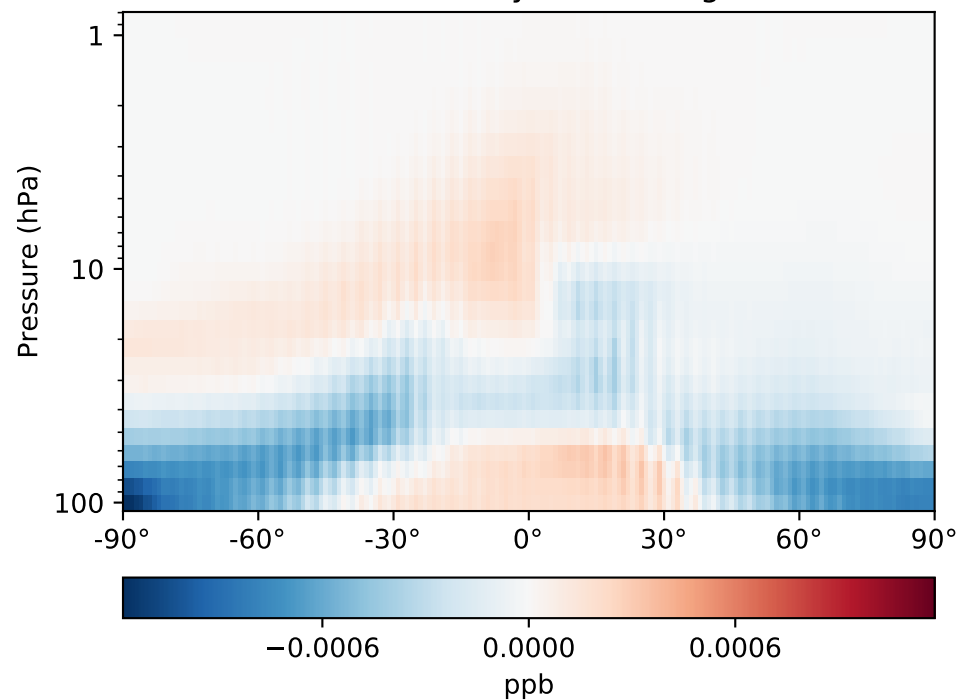
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



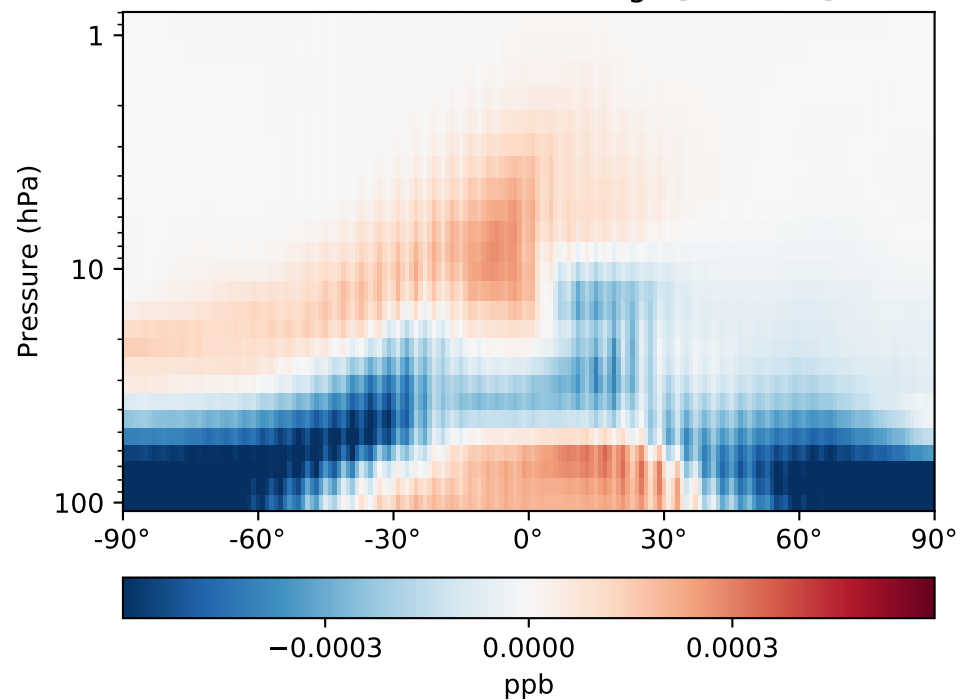
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



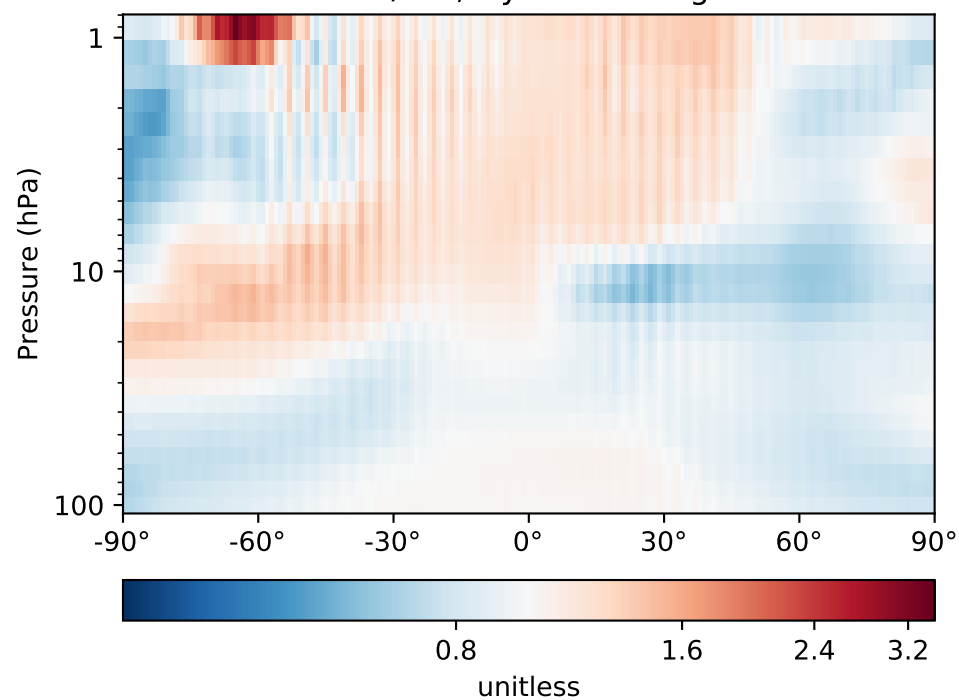
Difference (1x1.25)
Dev - Ref, Dynamic Range



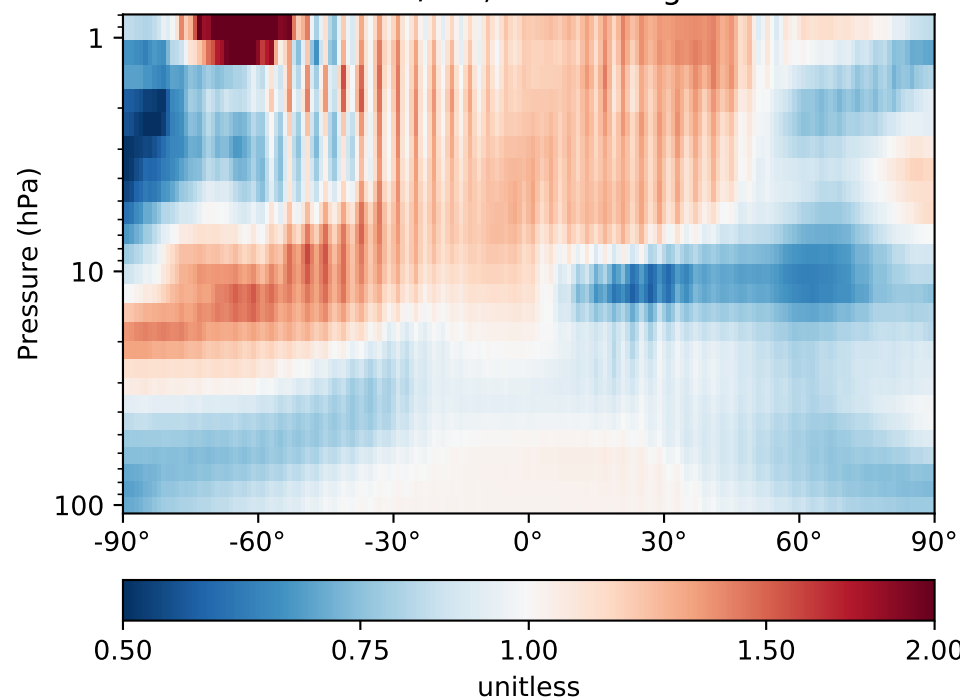
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

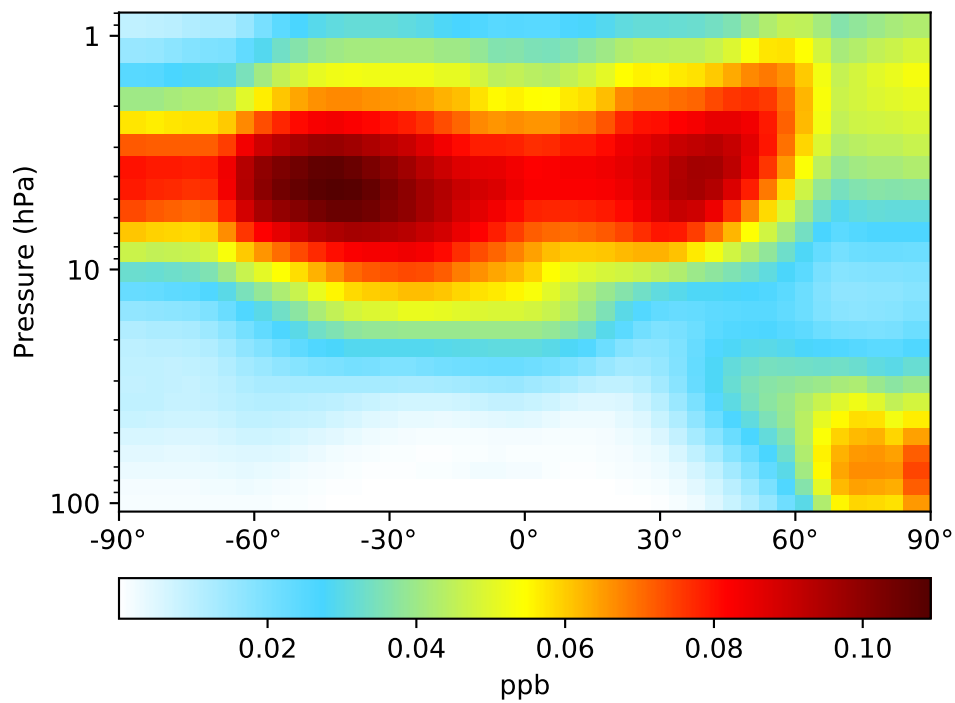


Ratio (1x1.25)
Dev/Ref, Fixed Range

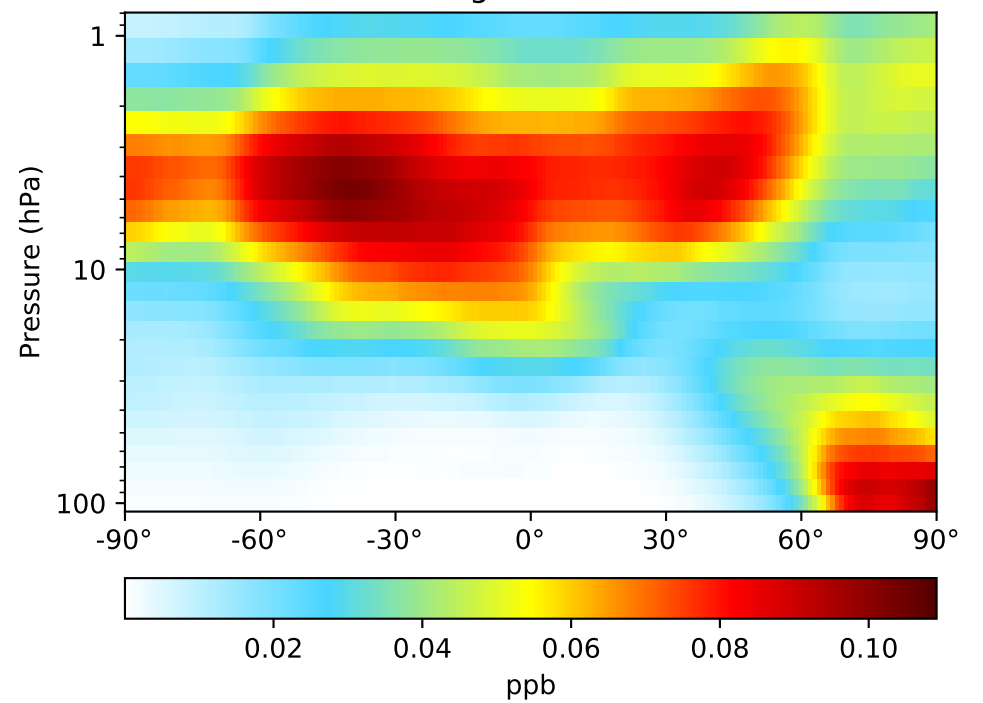


SpeciesConc_HOCl, Zonal Mean (Jan2019)

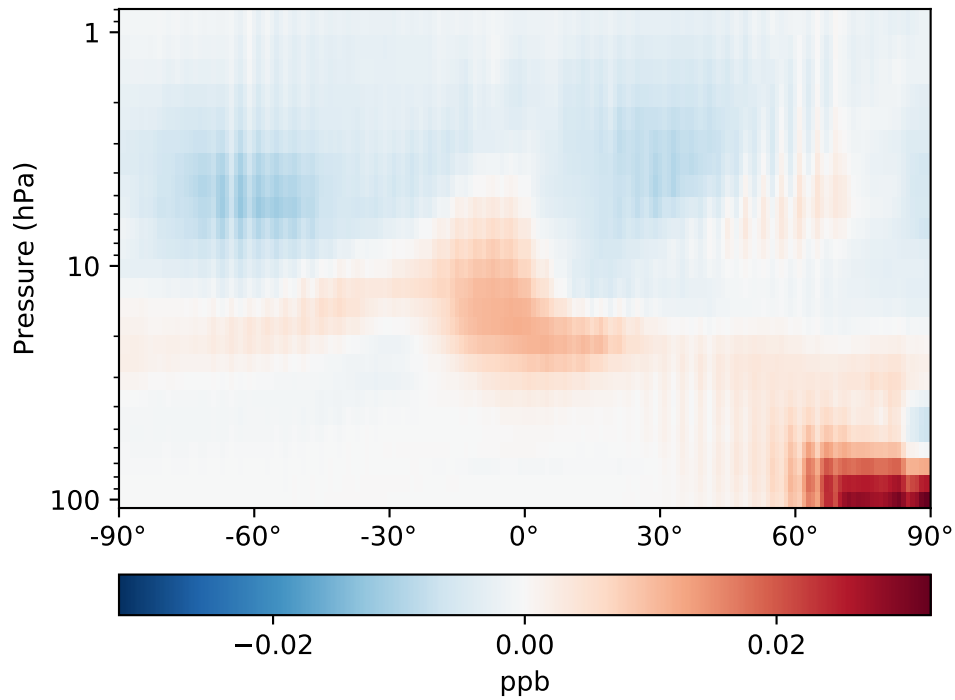
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



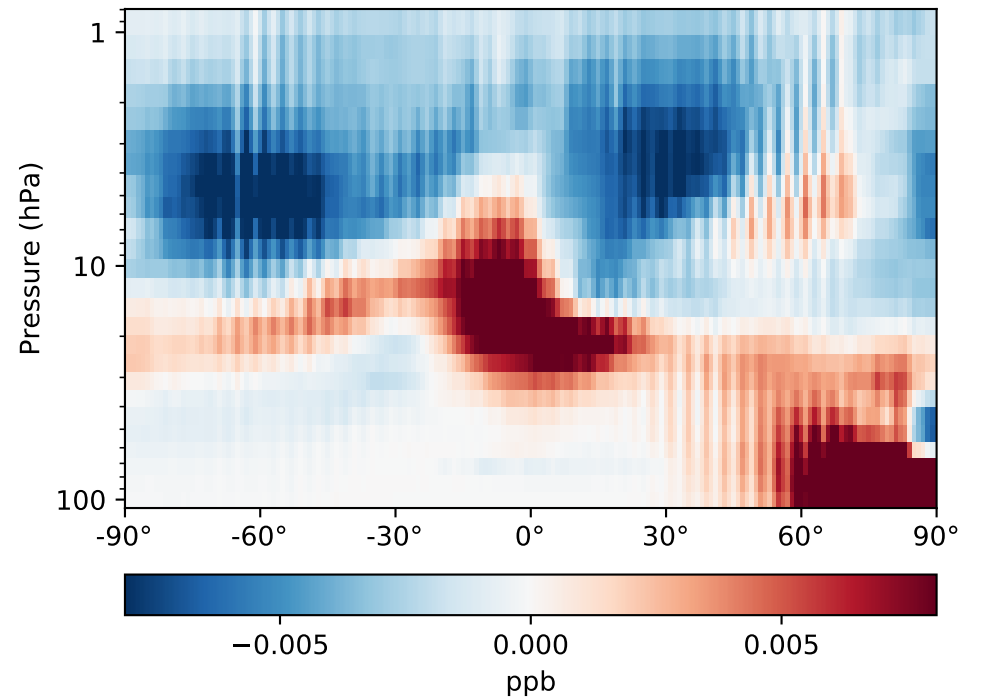
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



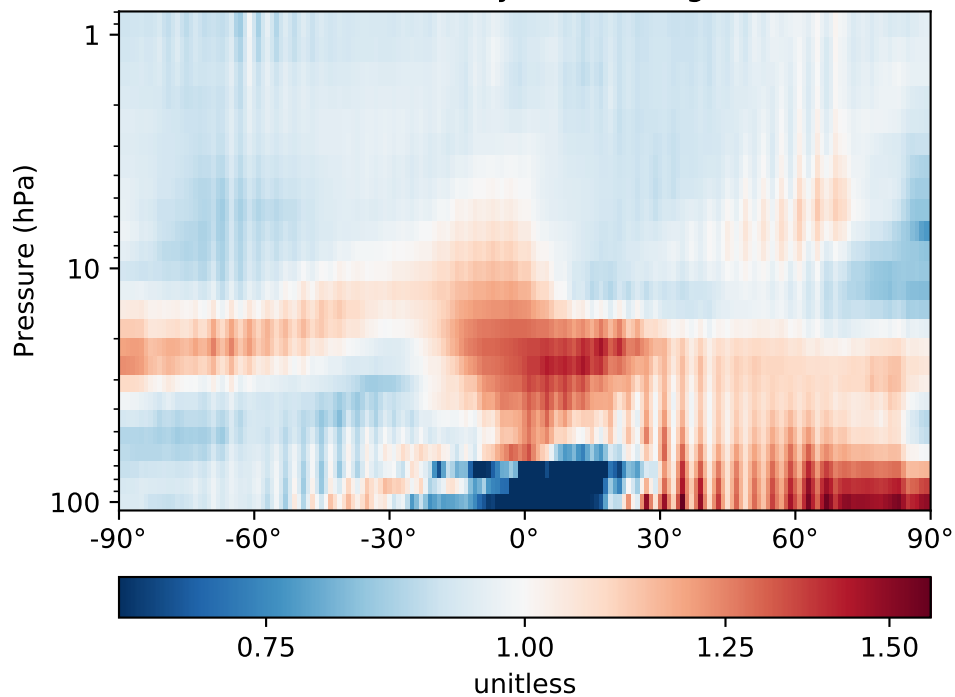
Difference (1x1.25)
Dev - Ref, Dynamic Range



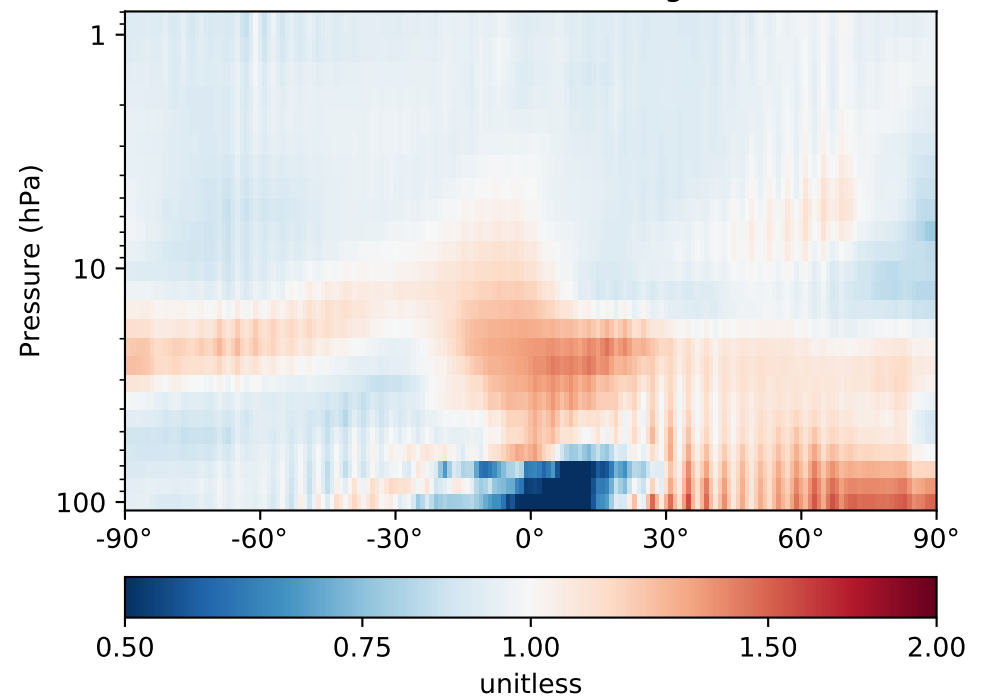
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

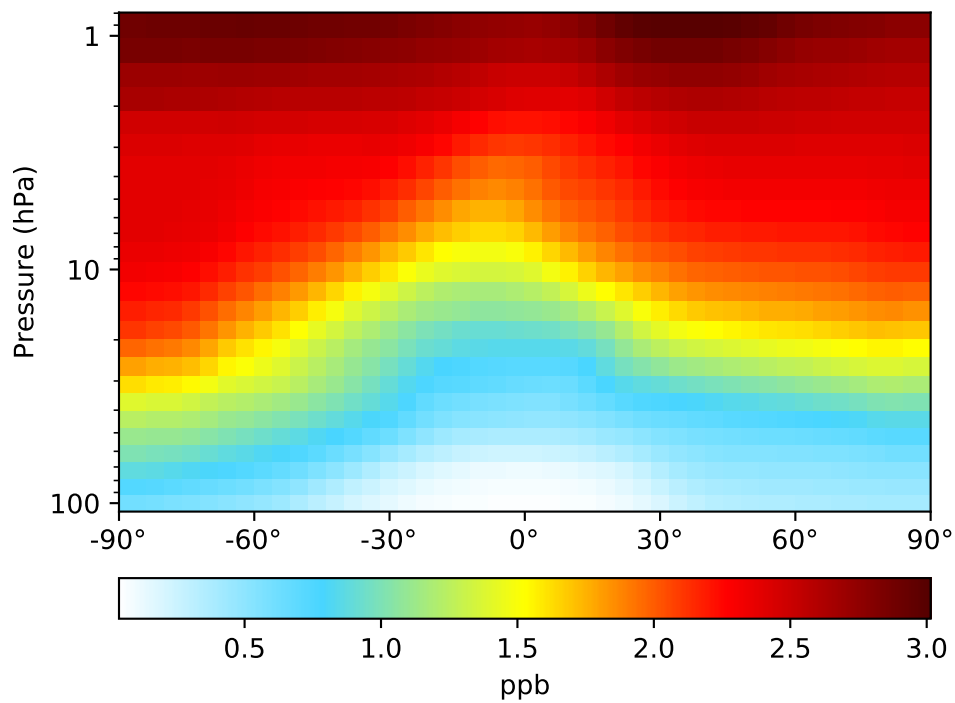


Ratio (1x1.25)
Dev/Ref, Fixed Range

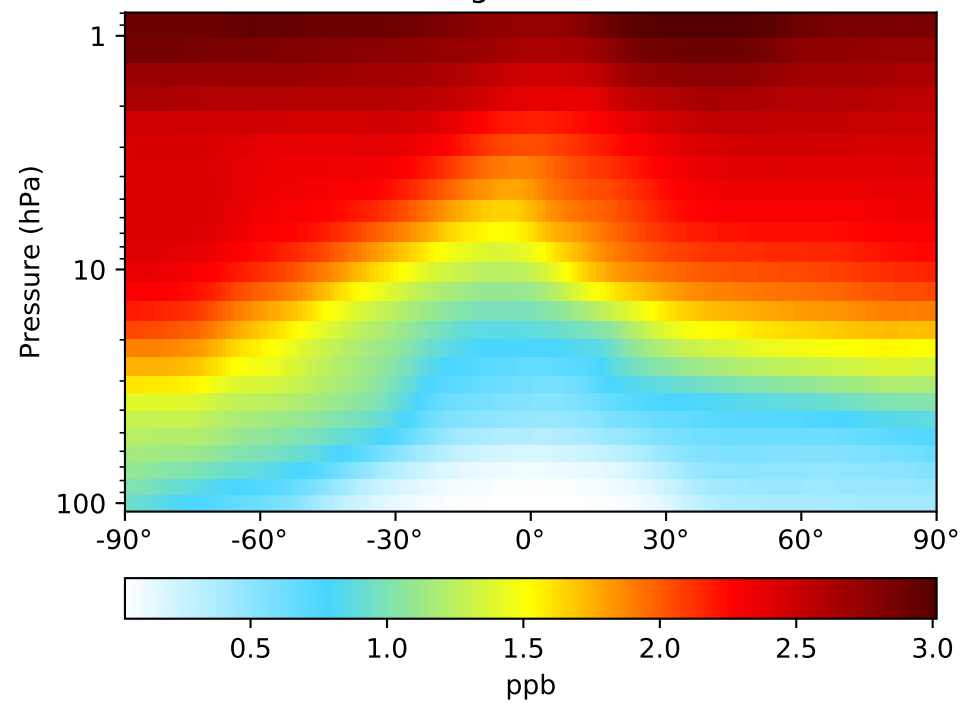


SpeciesConc_HCl, Zonal Mean (Jan2019)

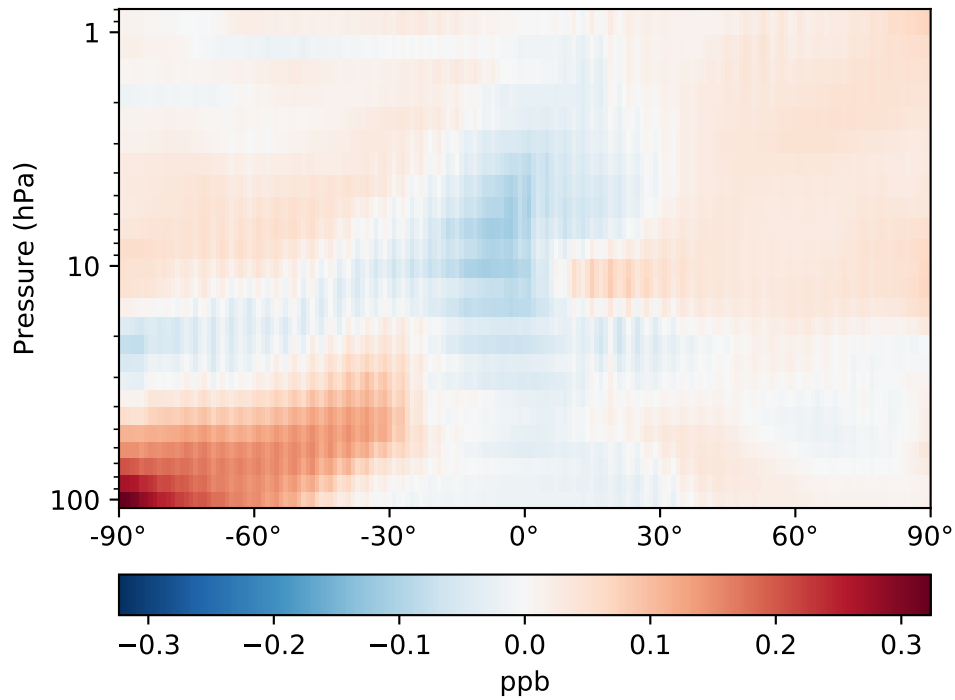
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



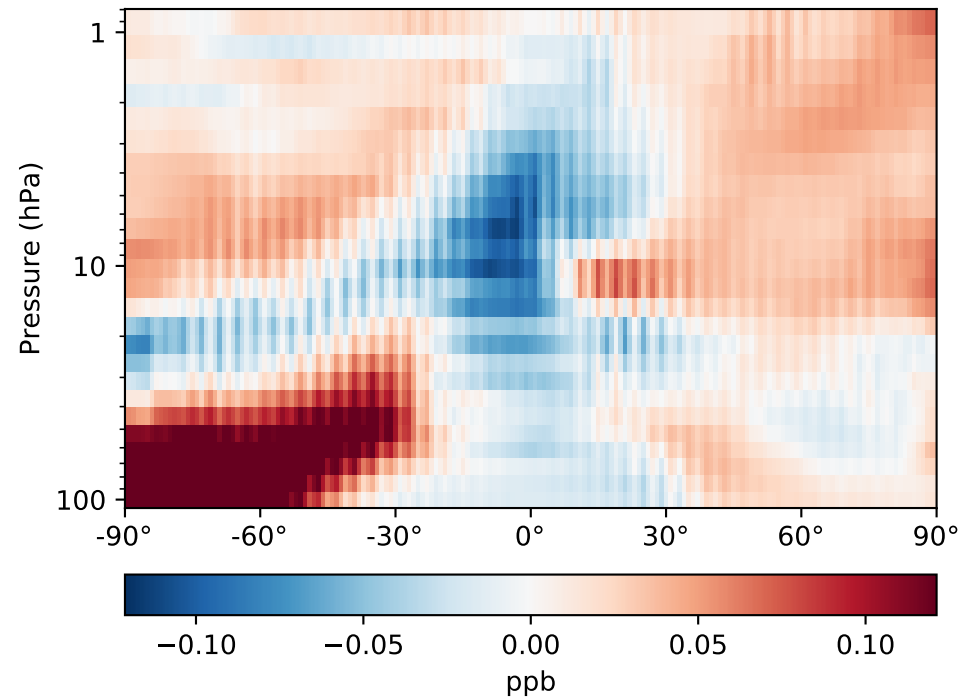
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



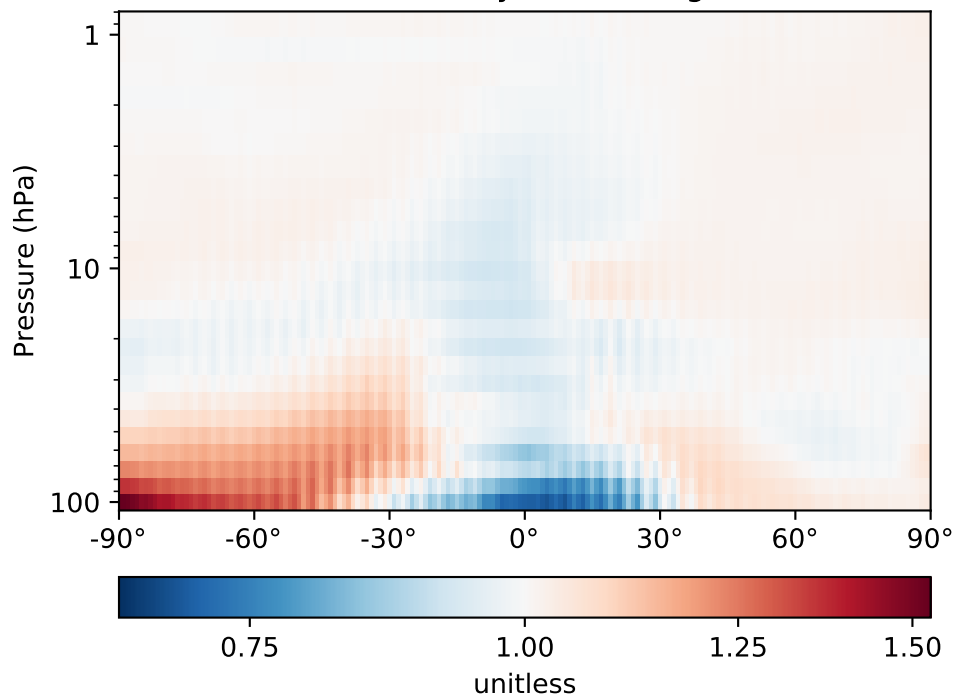
Difference (1x1.25)
Dev - Ref, Dynamic Range



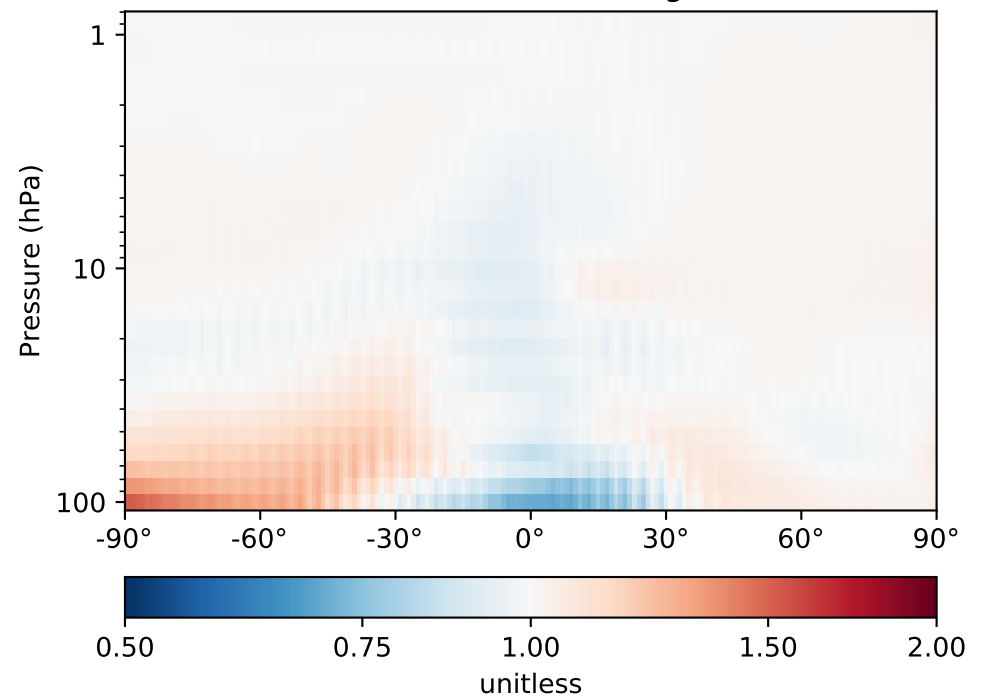
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

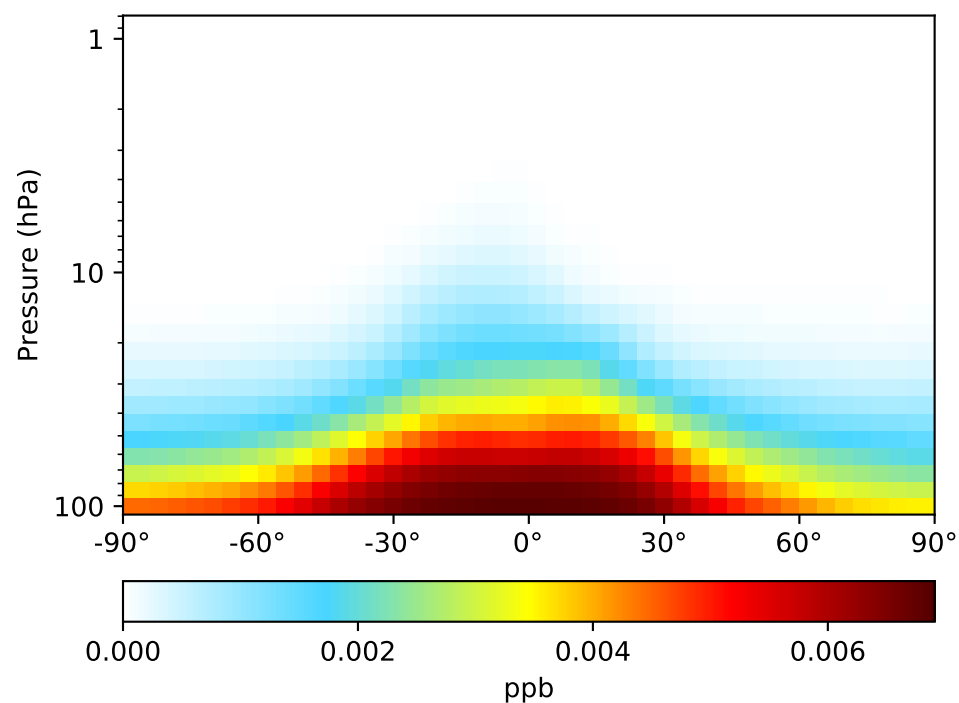


Ratio (1x1.25)
Dev/Ref, Fixed Range

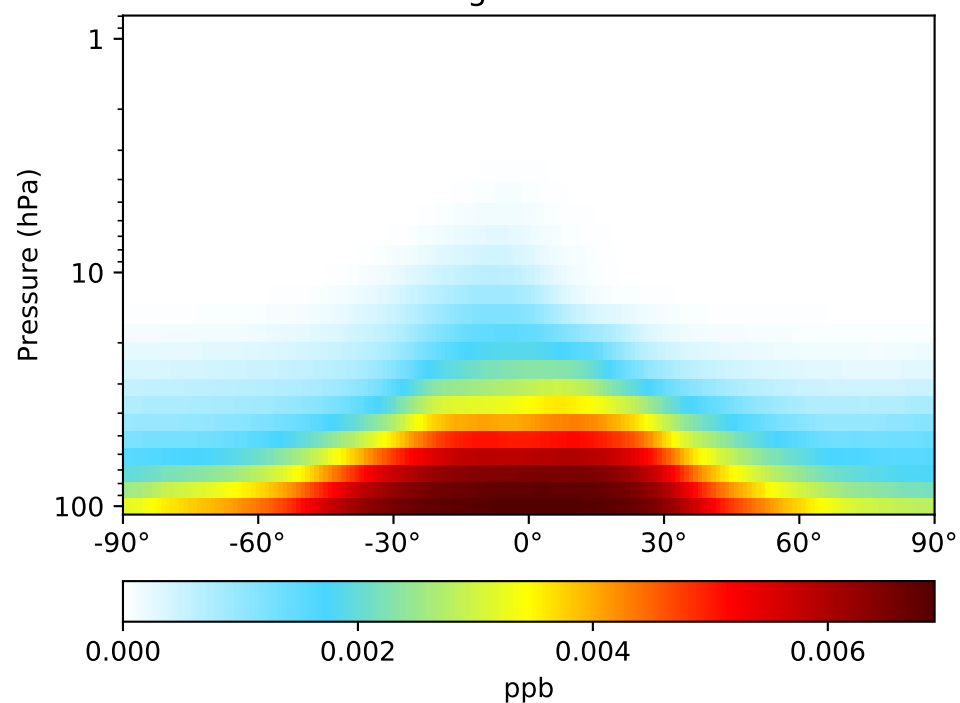


SpeciesConc_Halons, Zonal Mean (Jan2019)

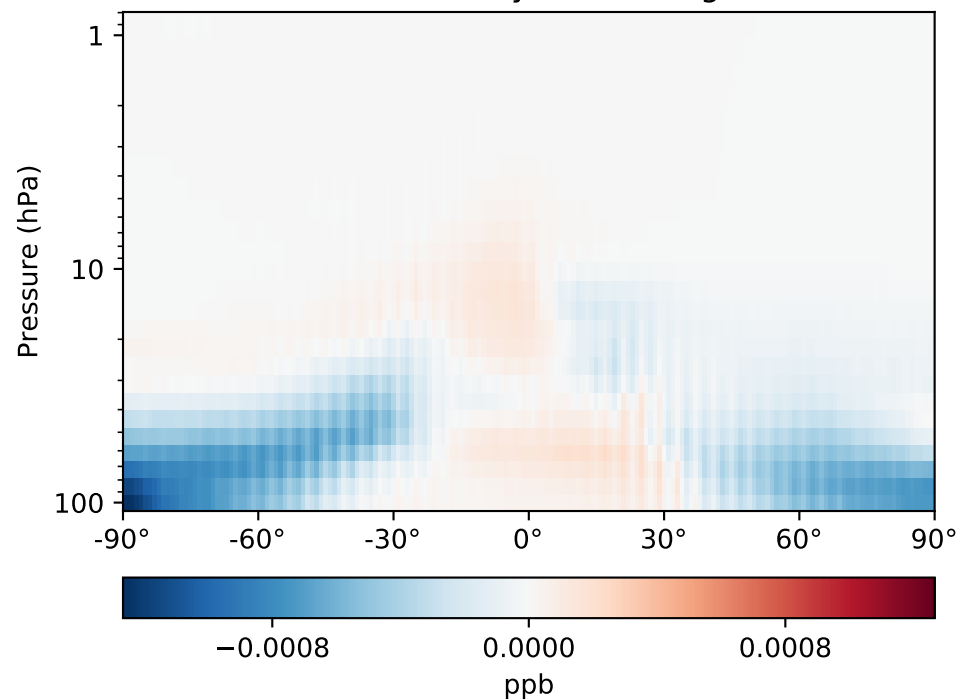
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



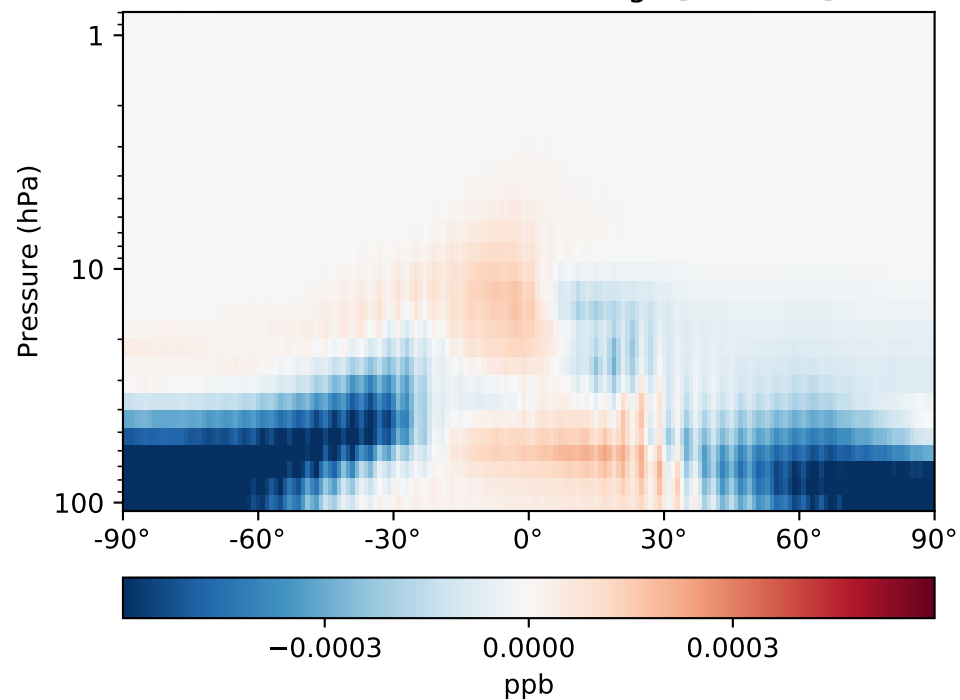
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



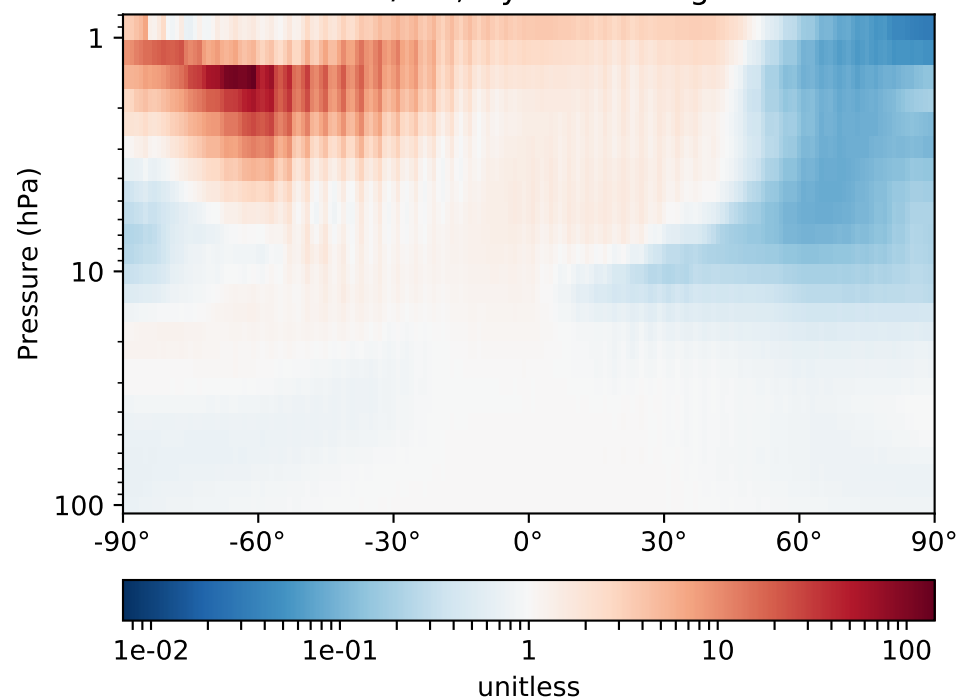
Difference (1x1.25)
Dev - Ref, Dynamic Range



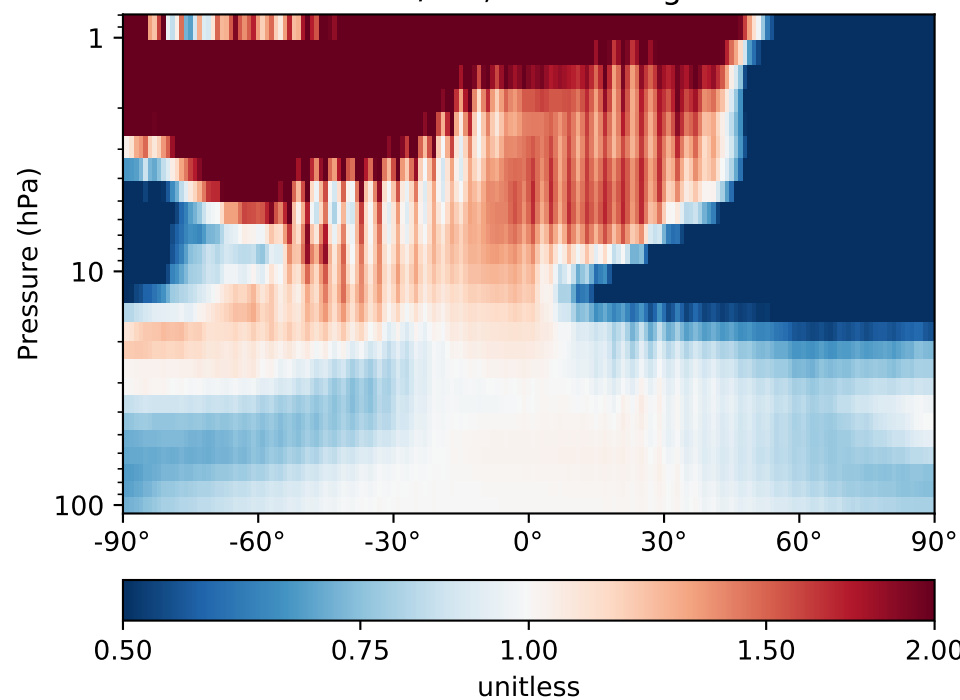
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

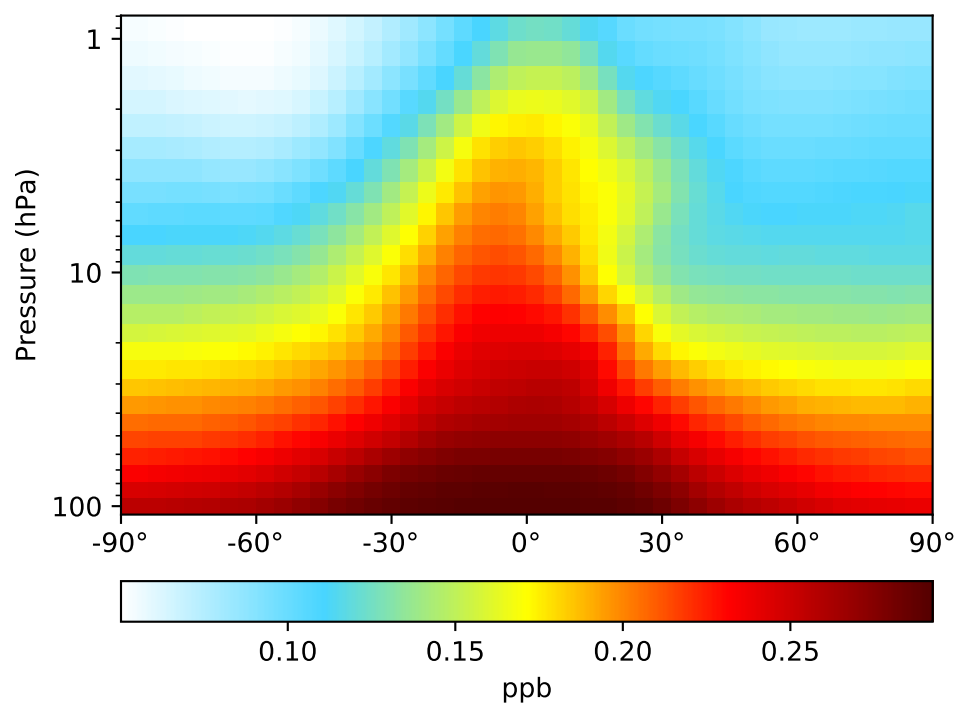


Ratio (1x1.25)
Dev/Ref, Fixed Range

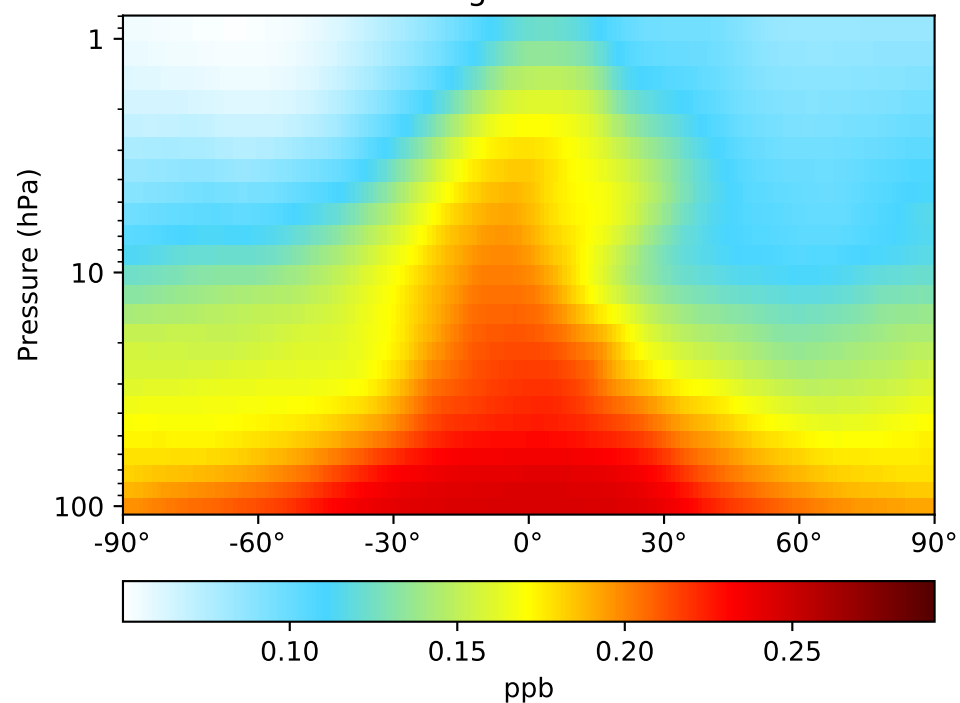


SpeciesConc_HCFCs, Zonal Mean (Jan2019)

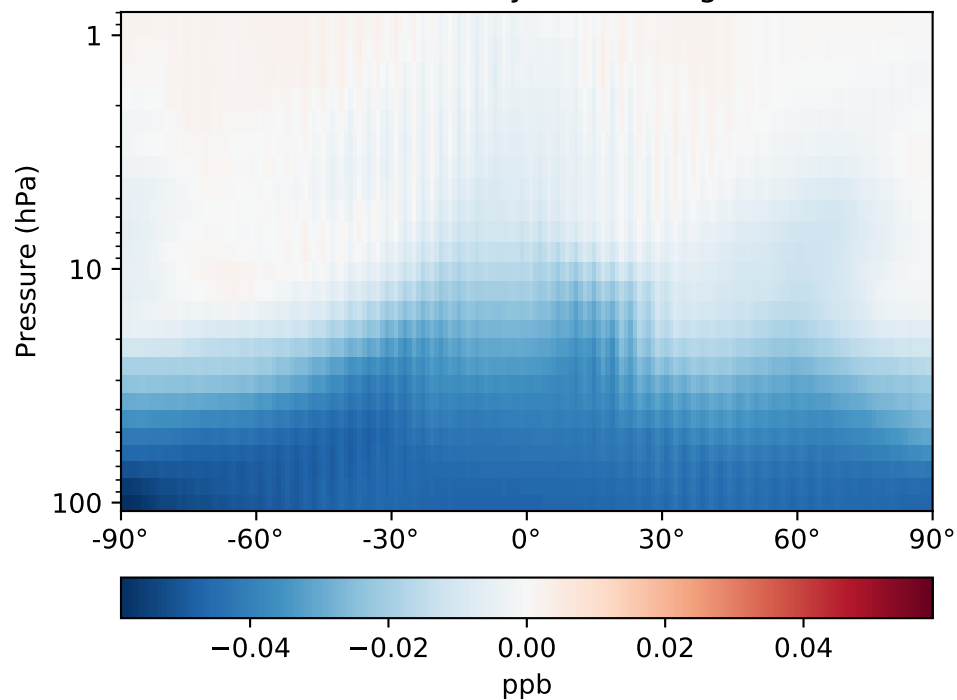
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



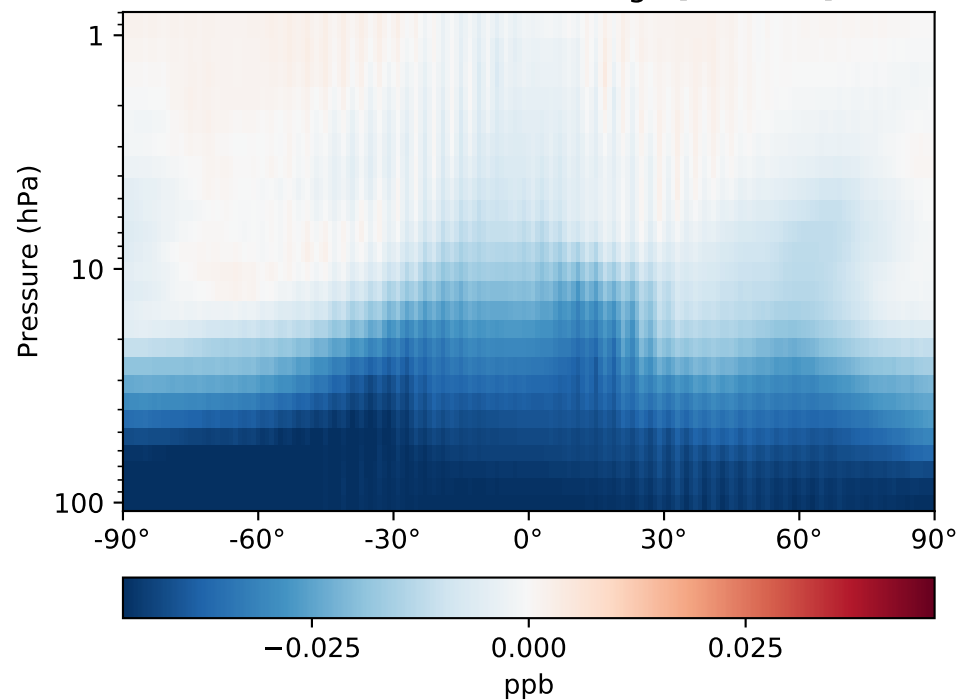
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



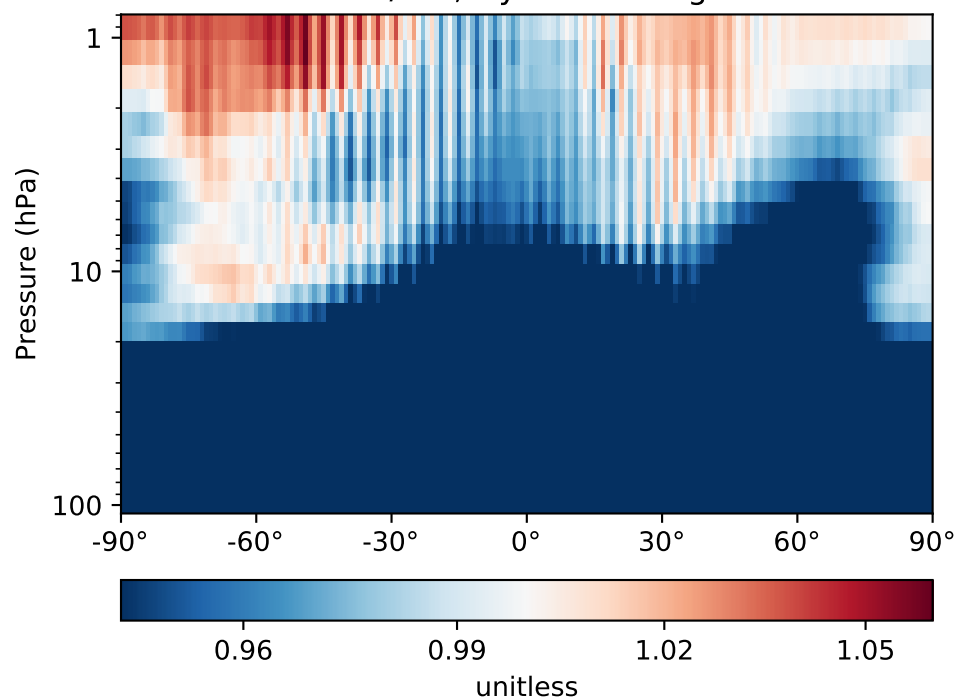
Difference (1x1.25)
Dev - Ref, Dynamic Range



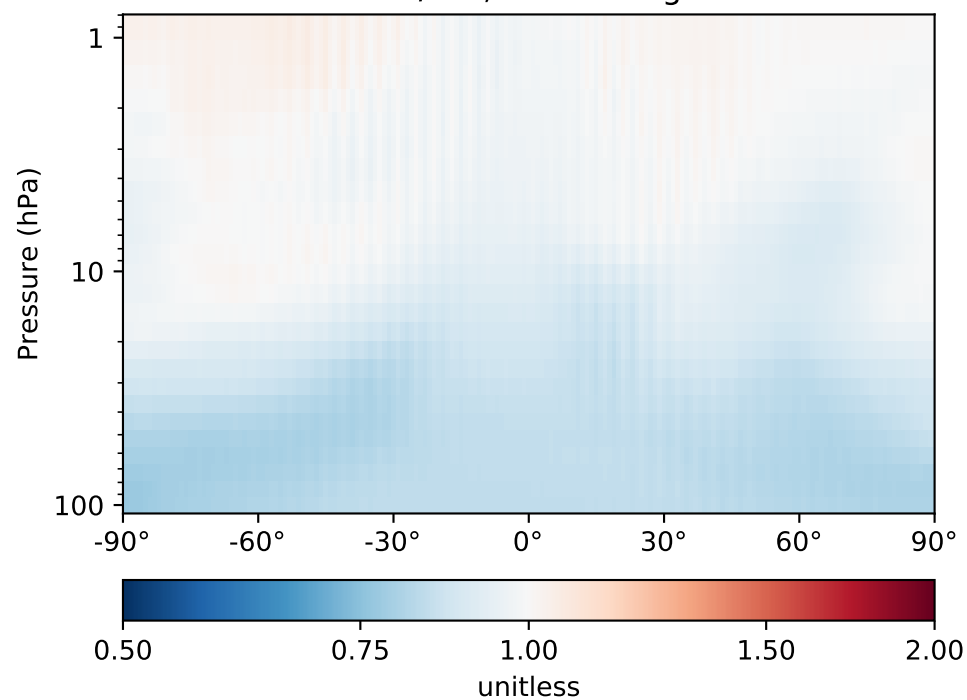
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

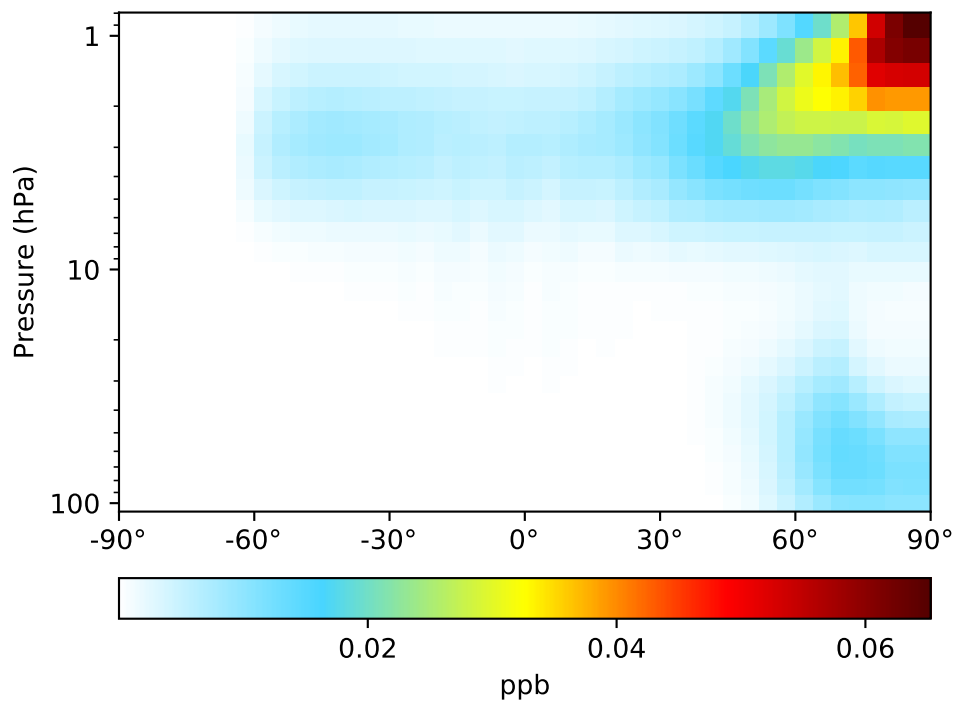


Ratio (1x1.25)
Dev/Ref, Fixed Range

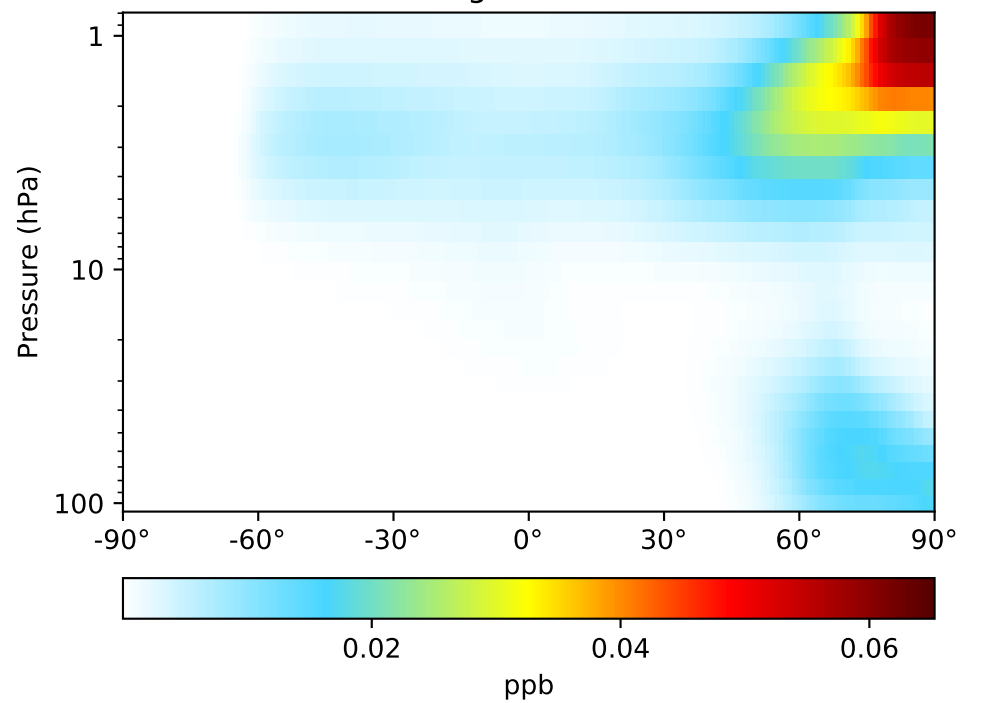


SpeciesConc_OClO, Zonal Mean (Jan2019)

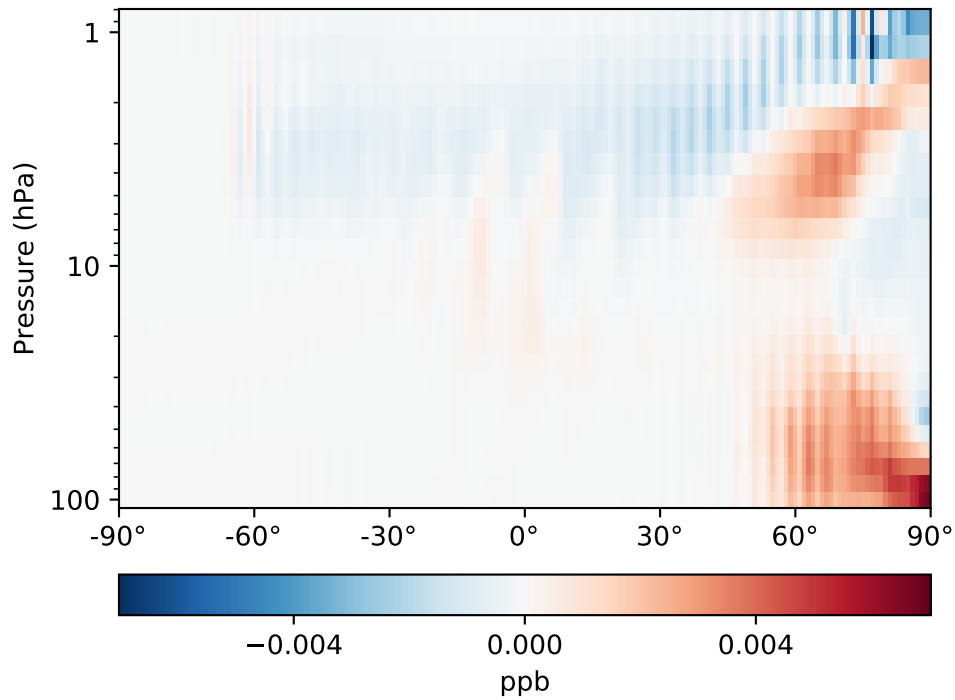
GCC_13.0.0-beta.1 (Ref)
4.0x5.0



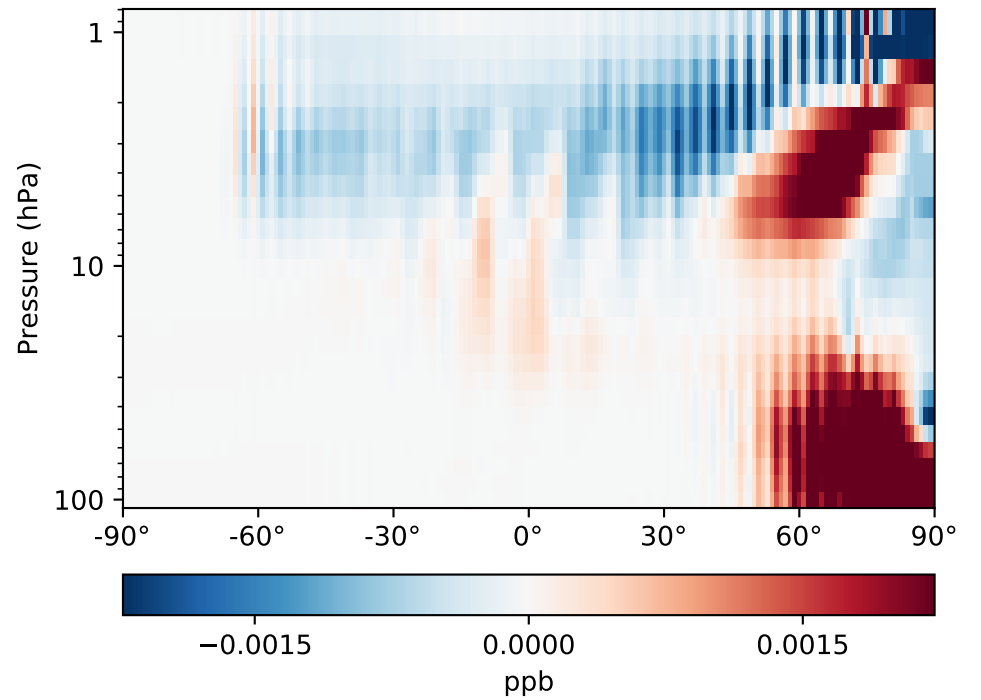
GCHP_13.0.0-beta.1 (Dev)
1x1.25 regrided from c48



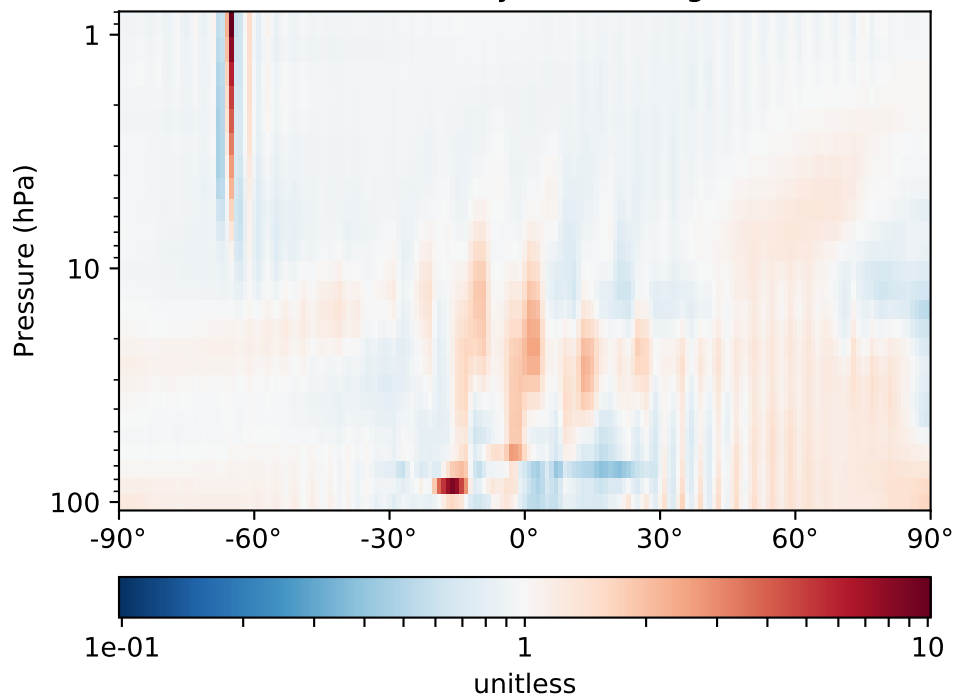
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

