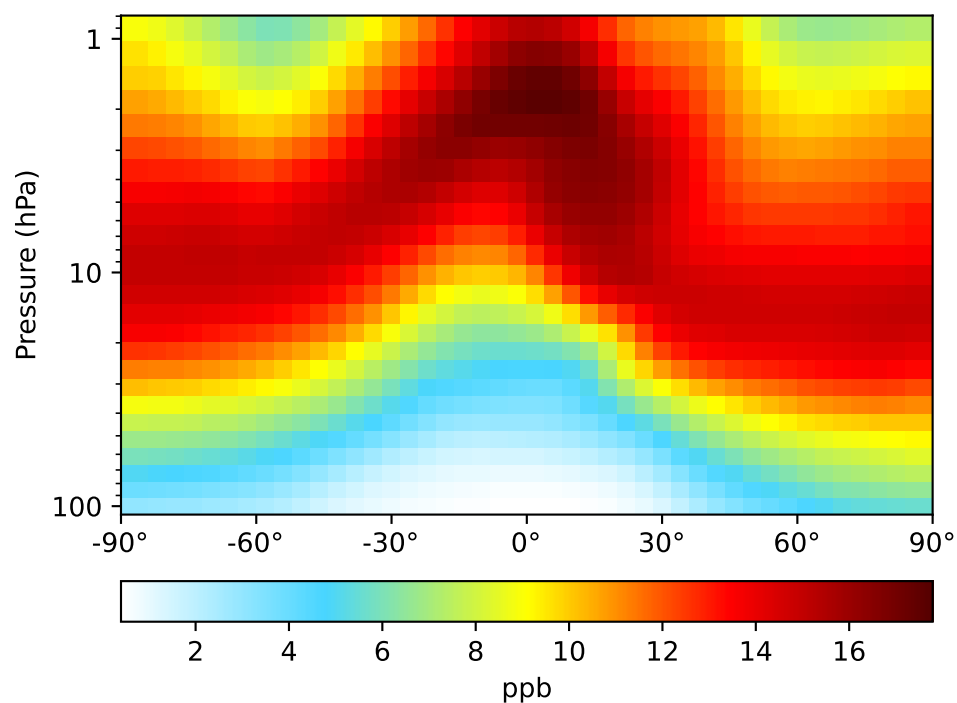
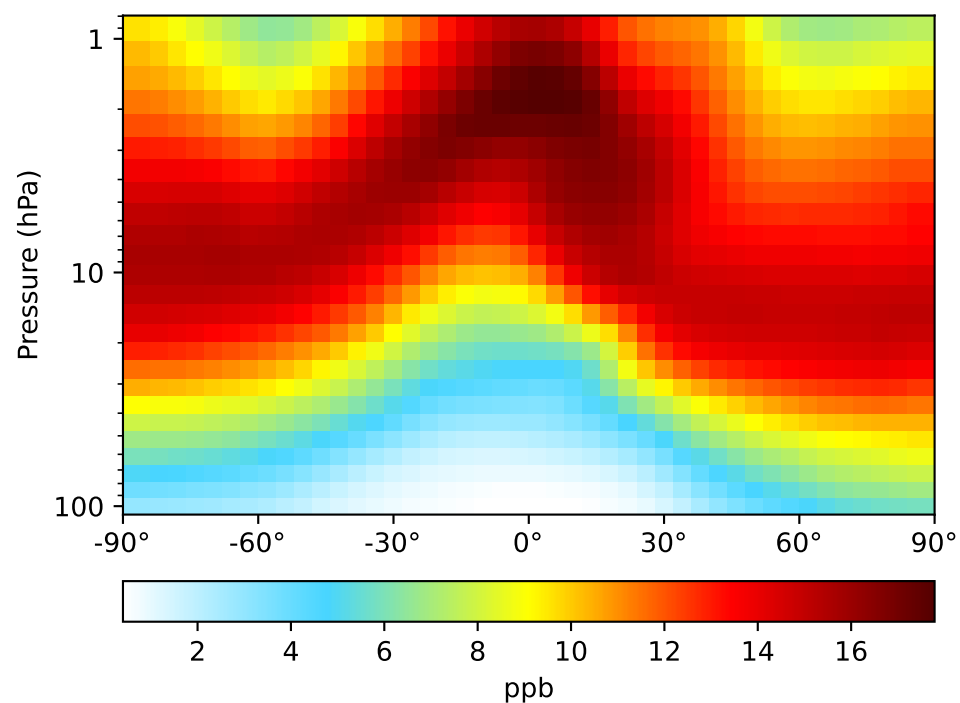


SpeciesConc_NOy, Zonal Mean (Jan2019)

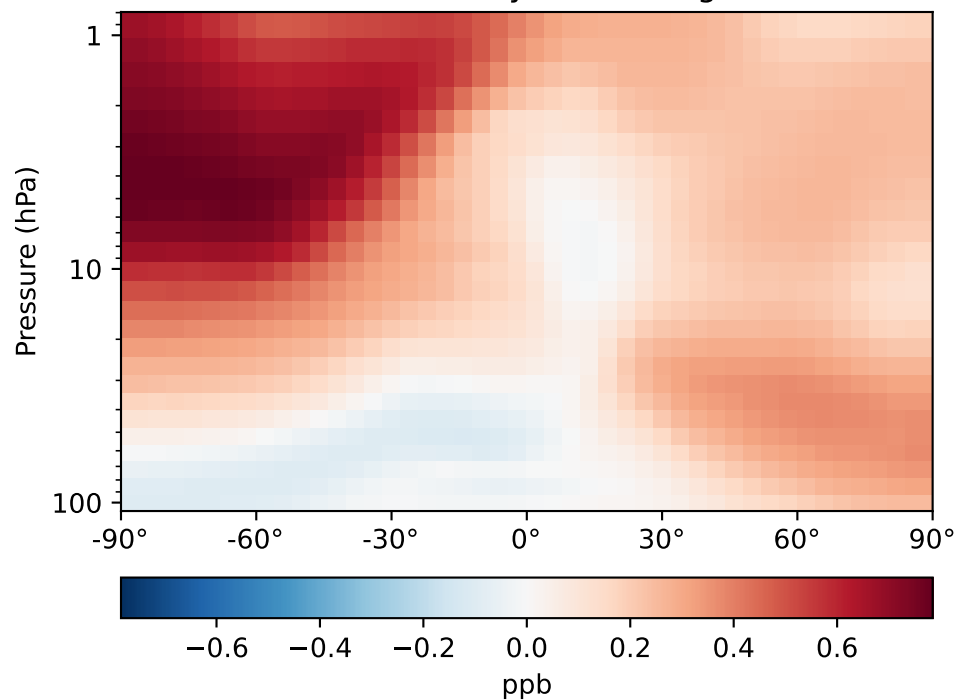
GCC_13.2.0 (Ref)
4.0x5.0



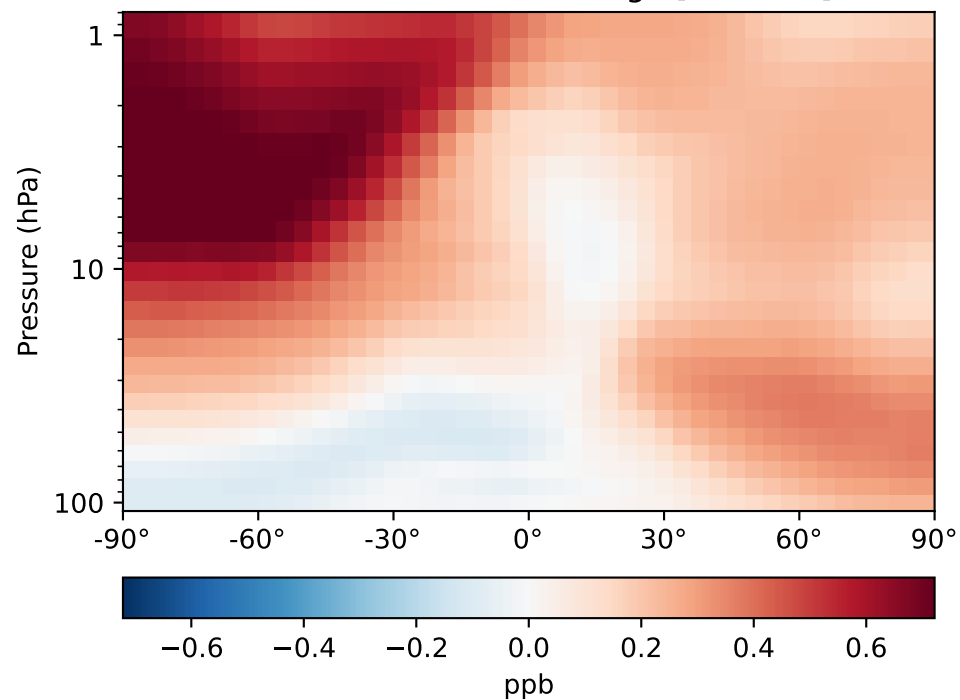
GCC_13.3.0 (Dev)
4.0x5.0



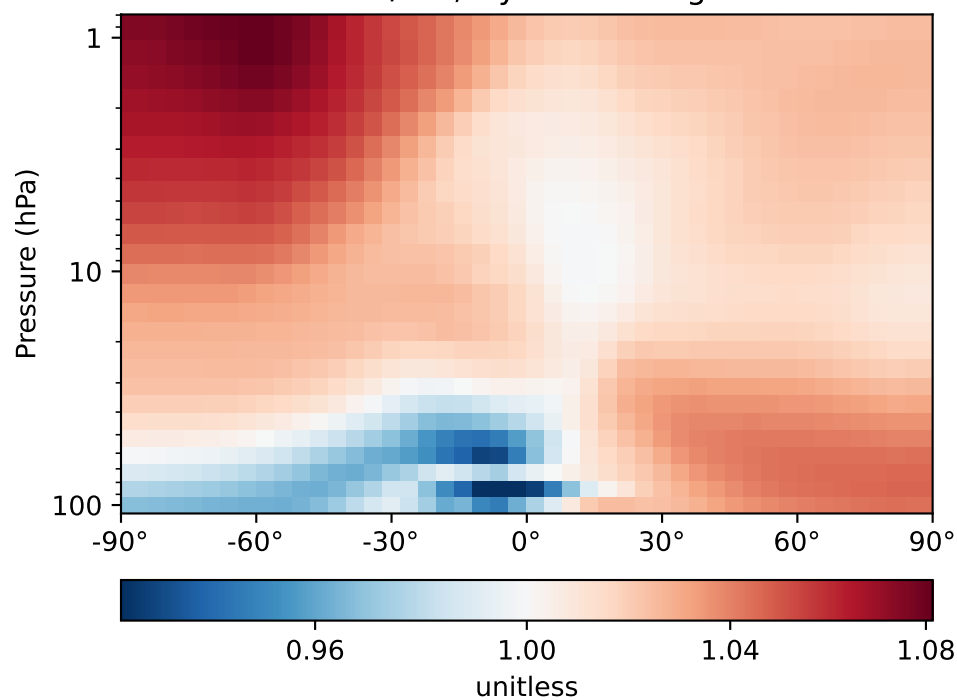
Difference
Dev - Ref, Dynamic Range



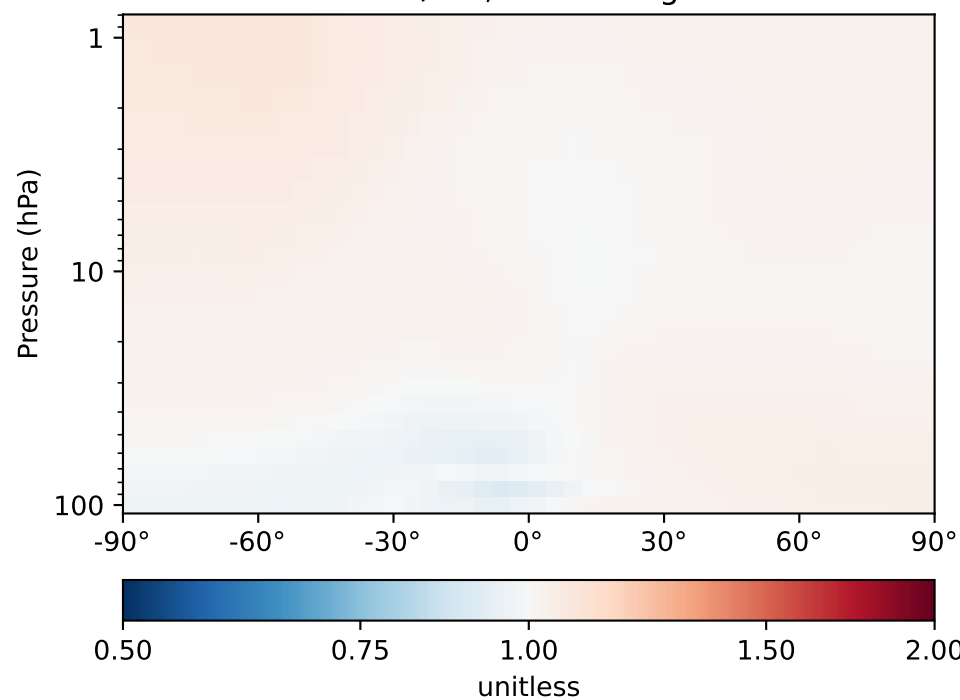
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

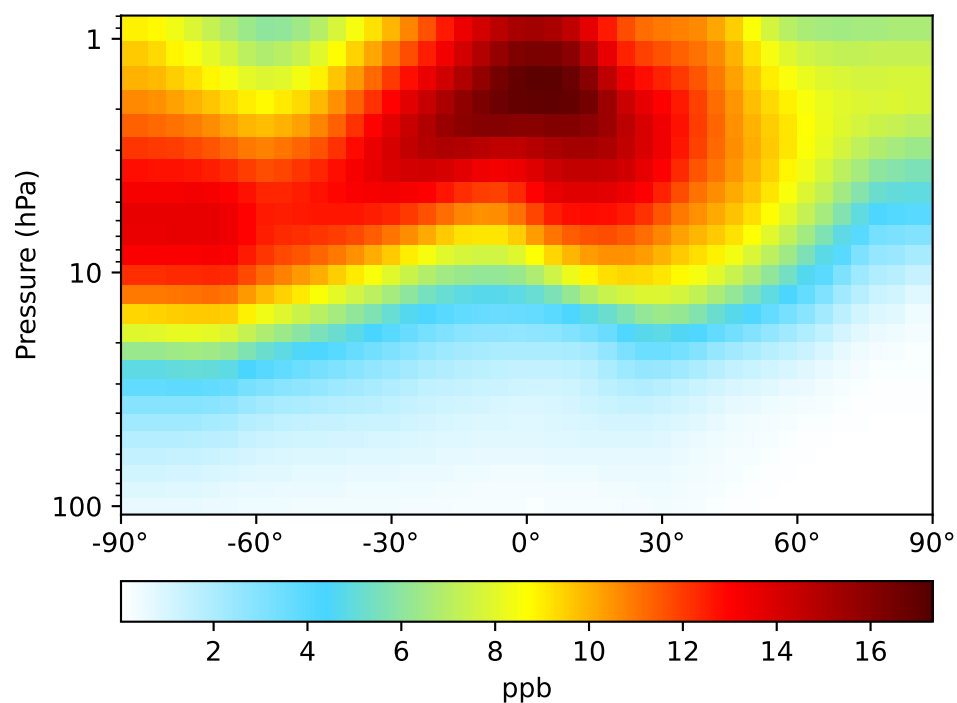


Ratio
Dev/Ref, Fixed Range

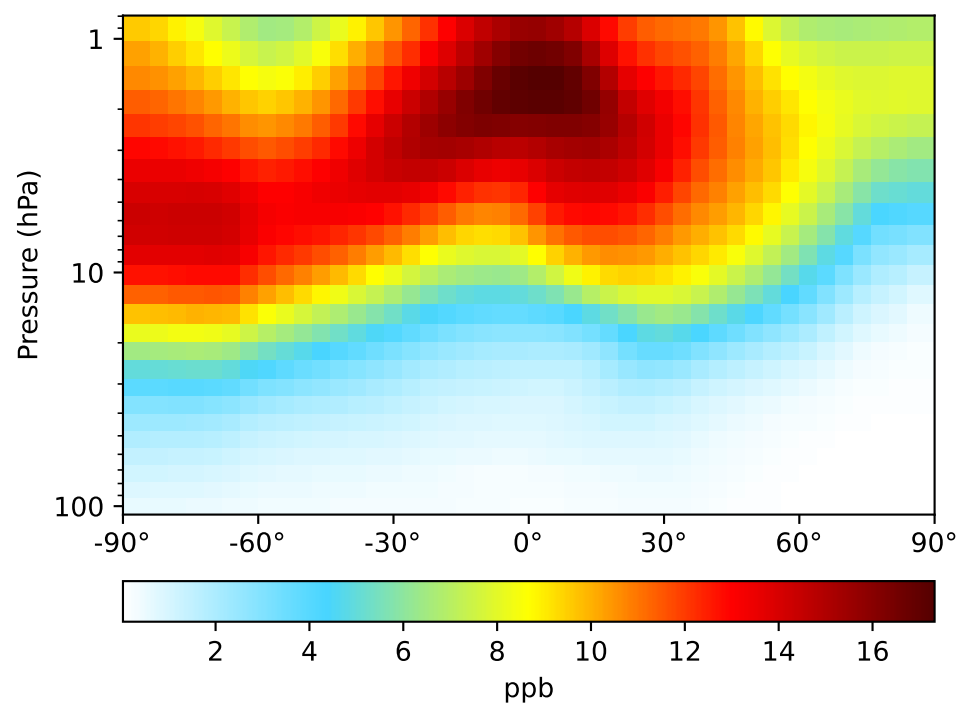


SpeciesConc_NOx, Zonal Mean (Jan2019)

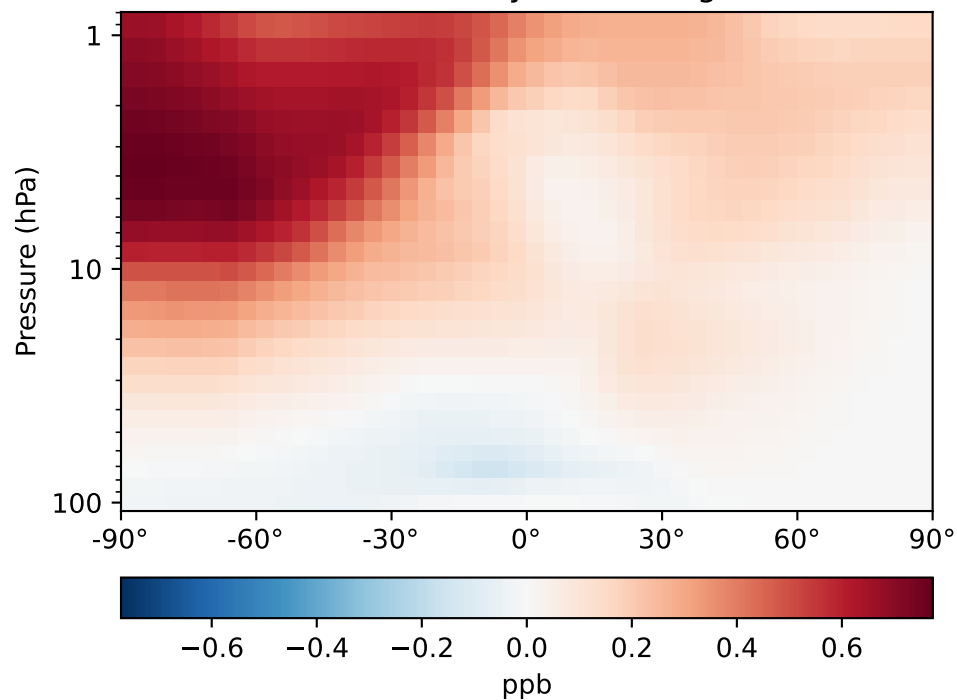
GCC_13.2.0 (Ref)
4.0x5.0



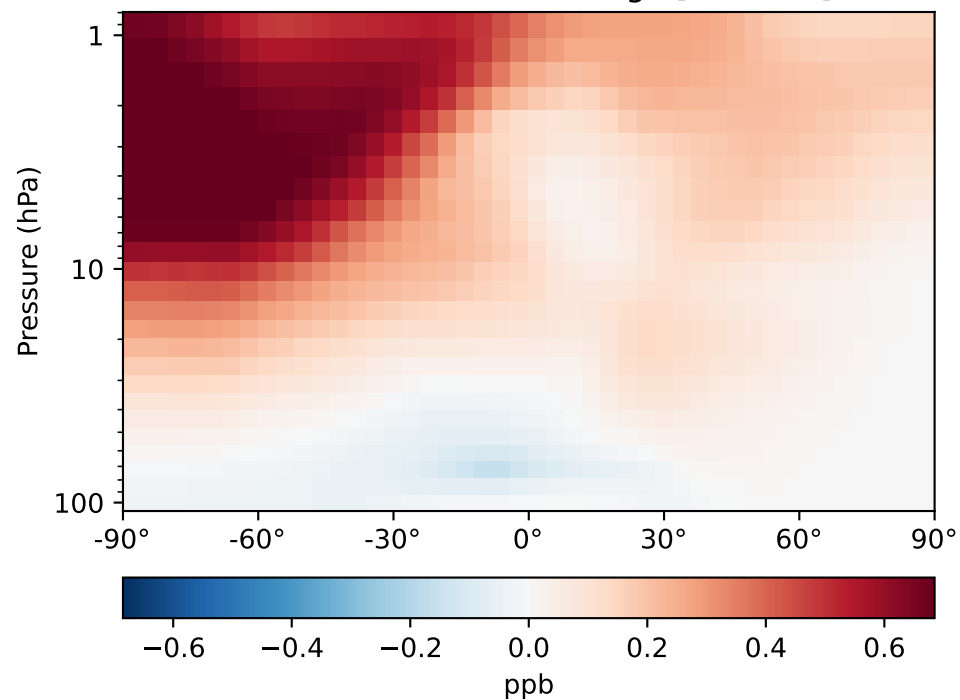
GCC_13.3.0 (Dev)
4.0x5.0



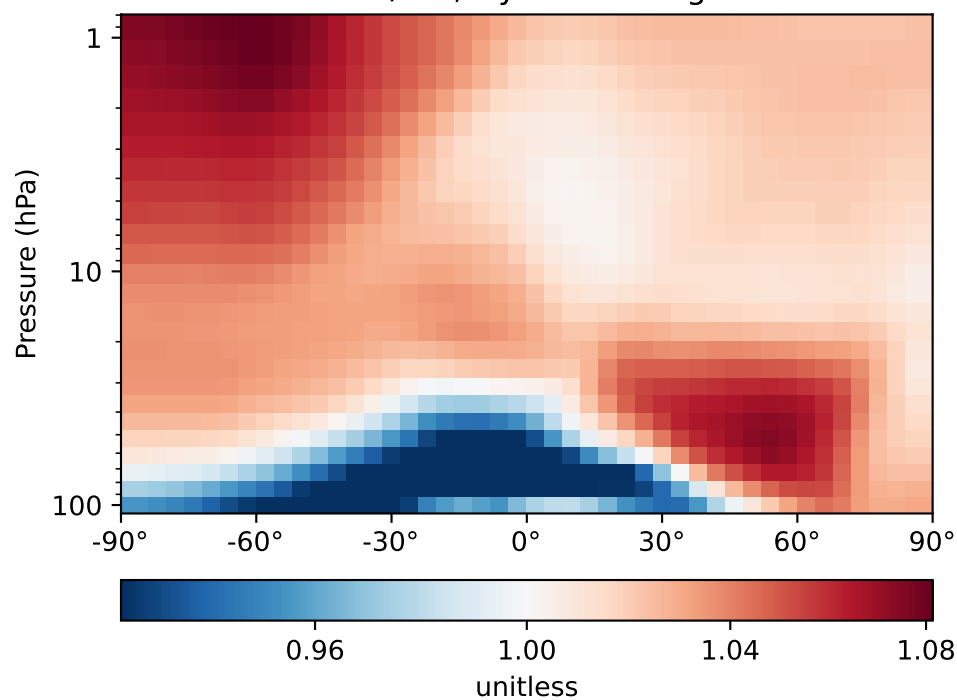
Difference
Dev - Ref, Dynamic Range



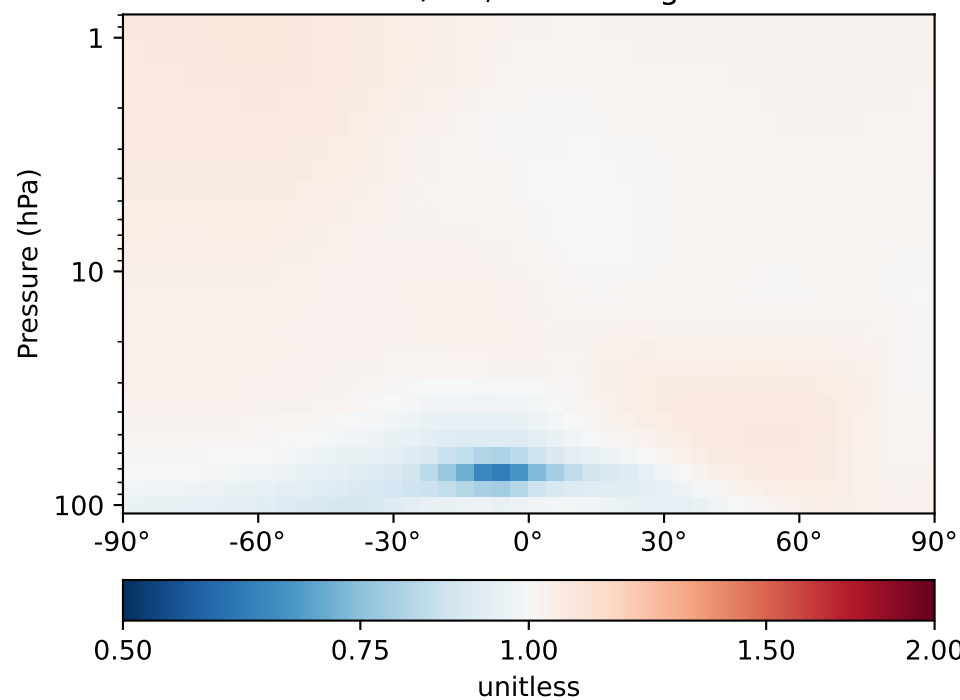
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

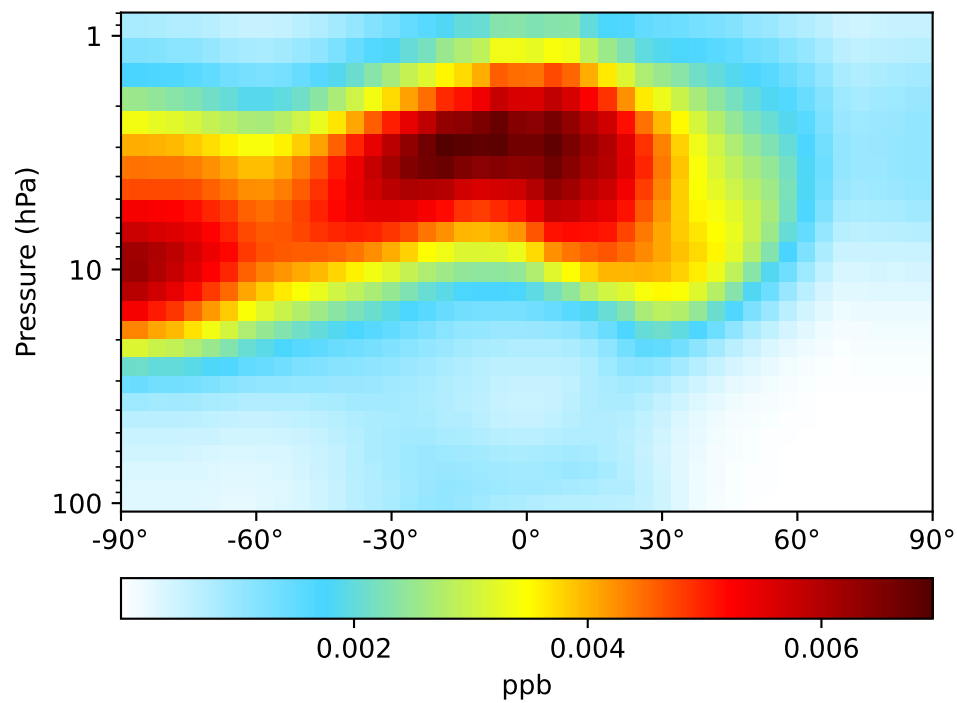


Ratio
Dev/Ref, Fixed Range

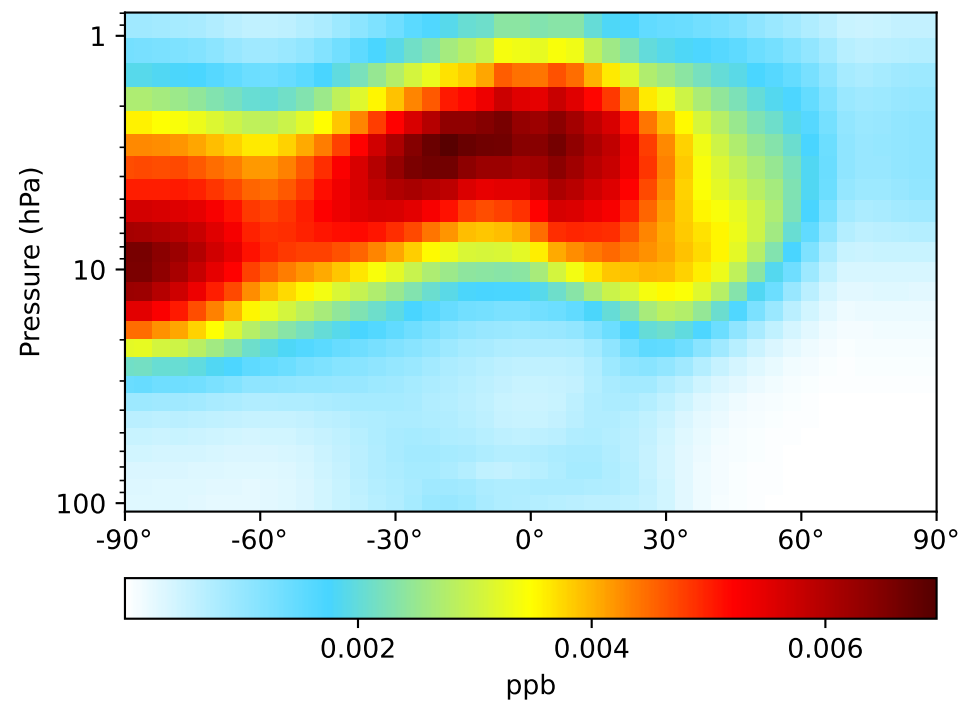


SpeciesConc_HNO2, Zonal Mean (Jan2019)

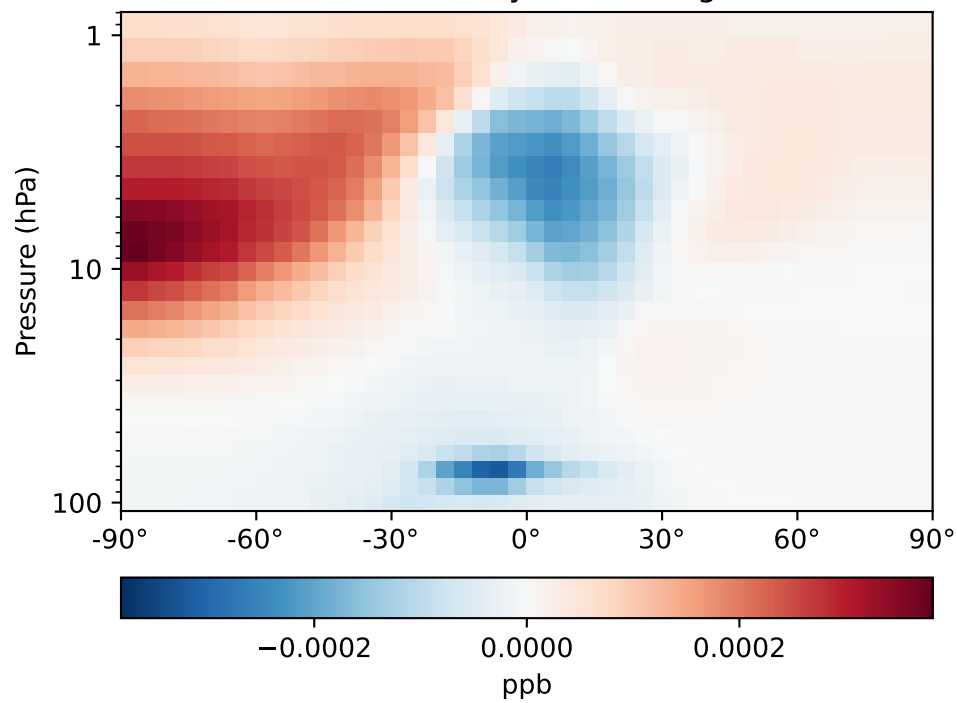
GCC_13.2.0 (Ref)
4.0x5.0



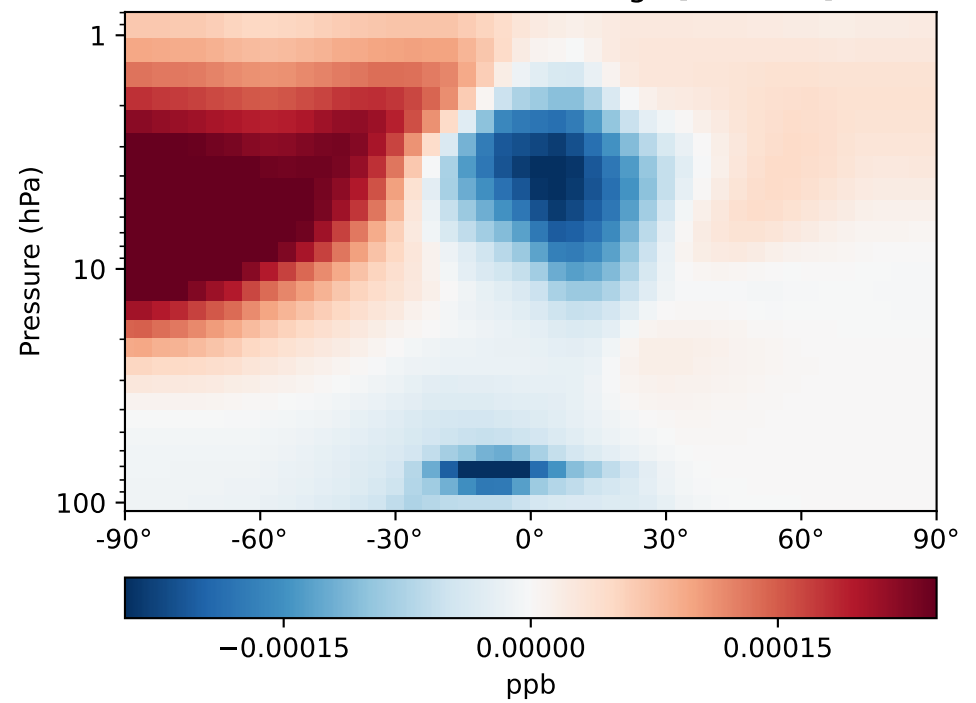
GCC_13.3.0 (Dev)
4.0x5.0



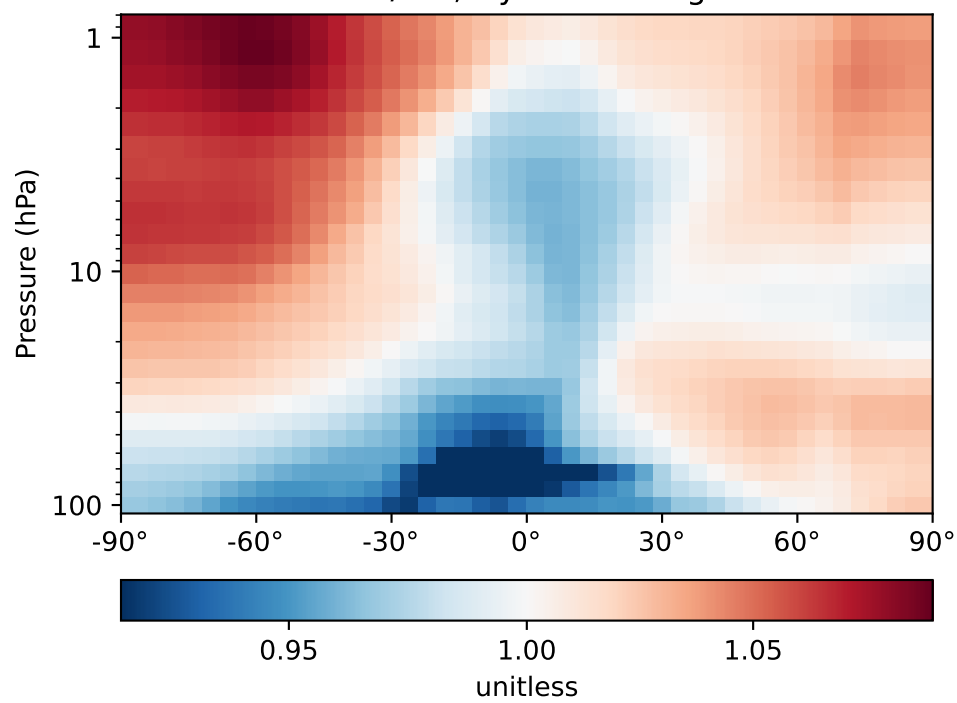
Difference
Dev - Ref, Dynamic Range



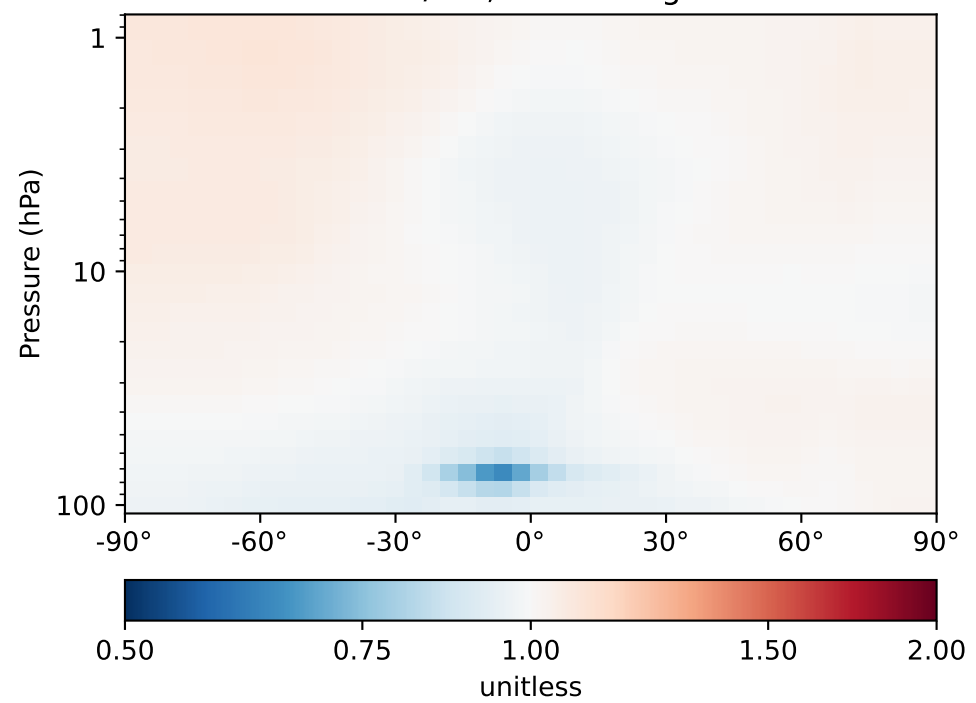
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

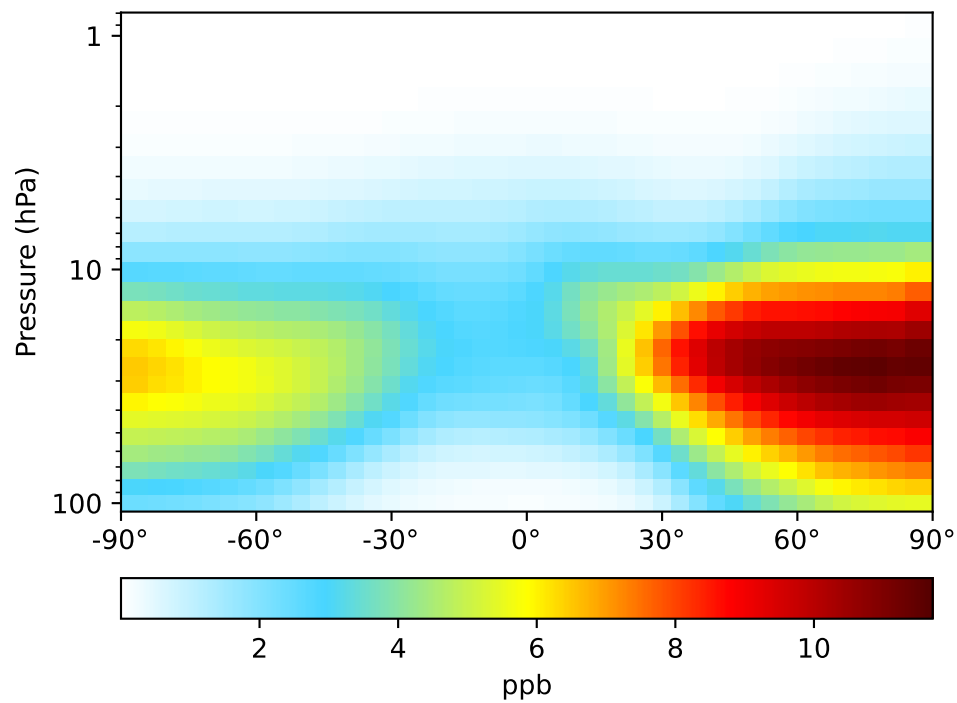


Ratio
Dev/Ref, Fixed Range

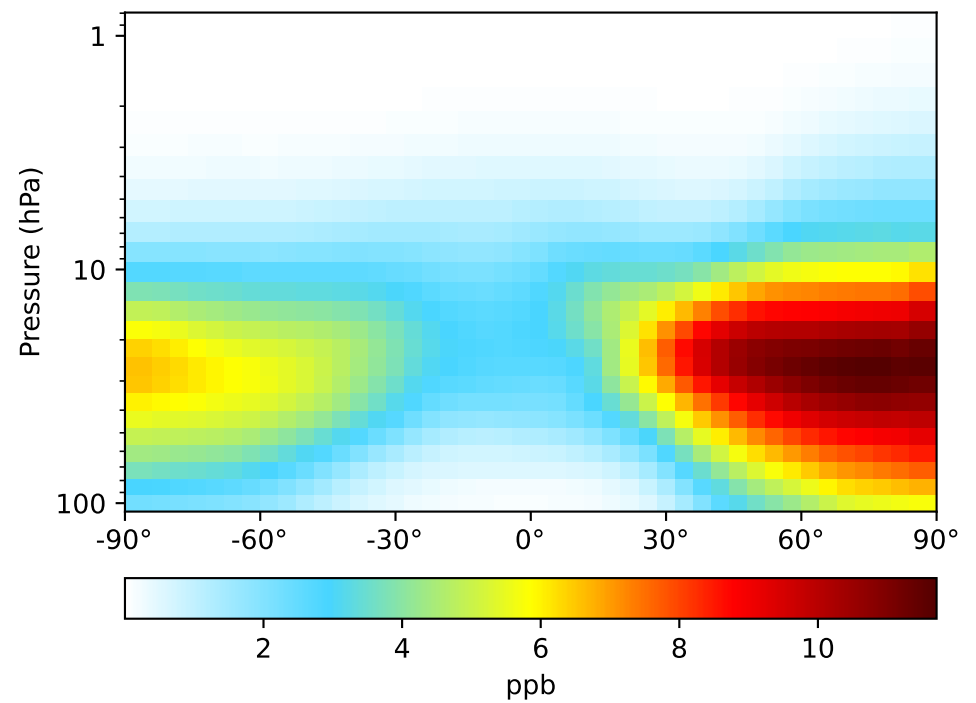


SpeciesConc_HNO3, Zonal Mean (Jan2019)

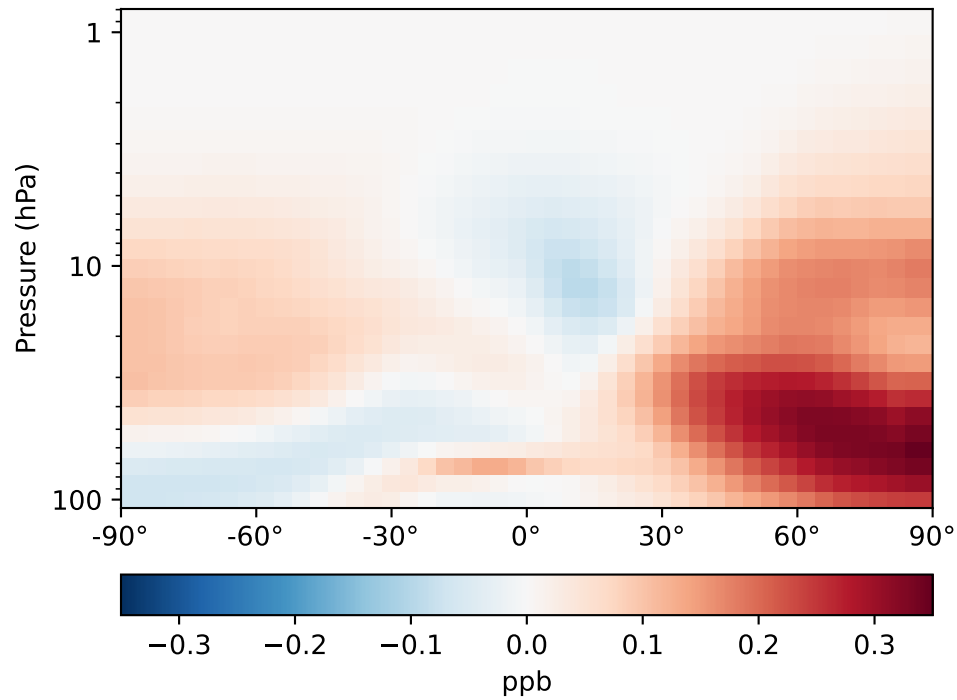
GCC_13.2.0 (Ref)
4.0x5.0



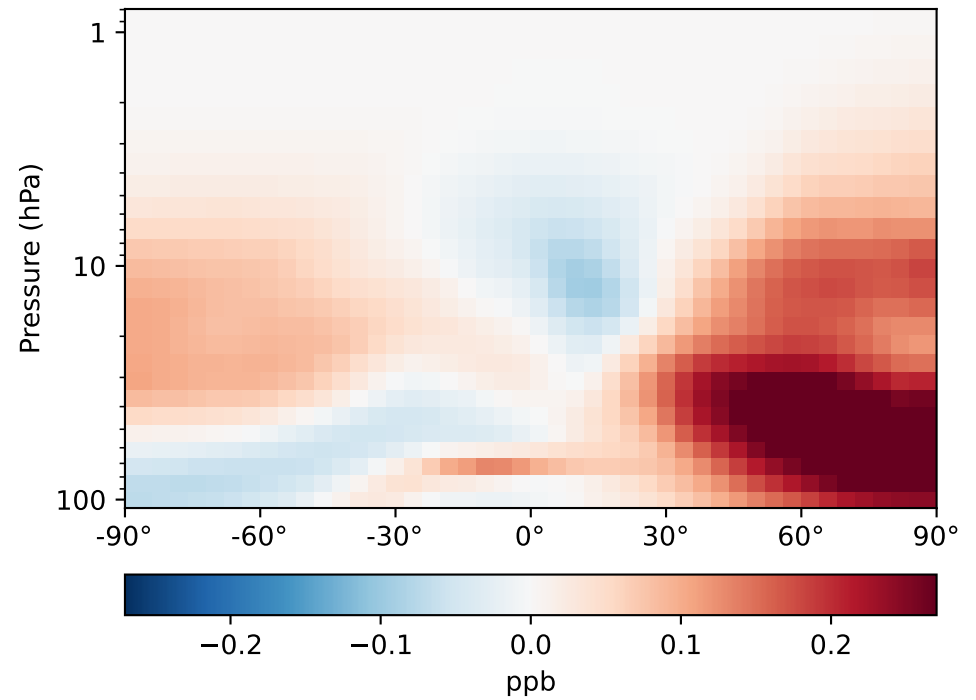
GCC_13.3.0 (Dev)
4.0x5.0



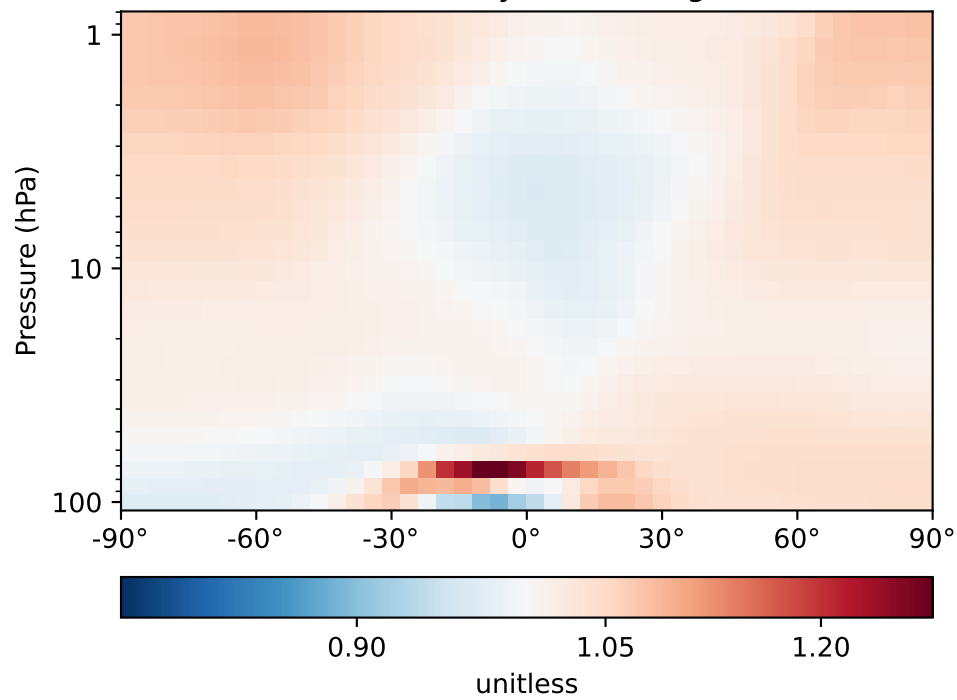
Difference
Dev - Ref, Dynamic Range



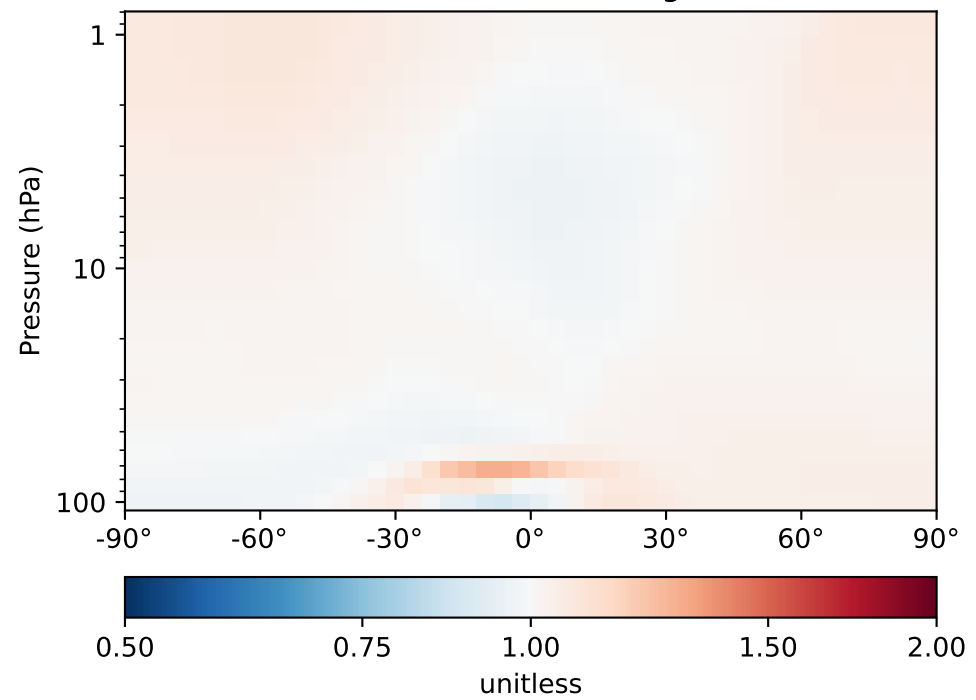
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

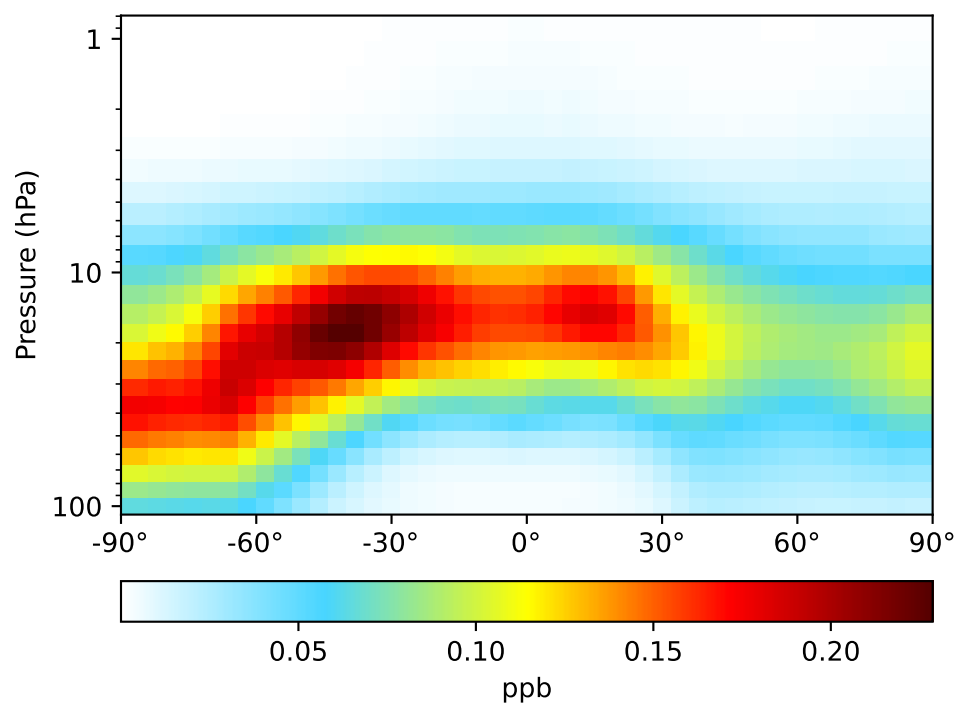


Ratio
Dev/Ref, Fixed Range

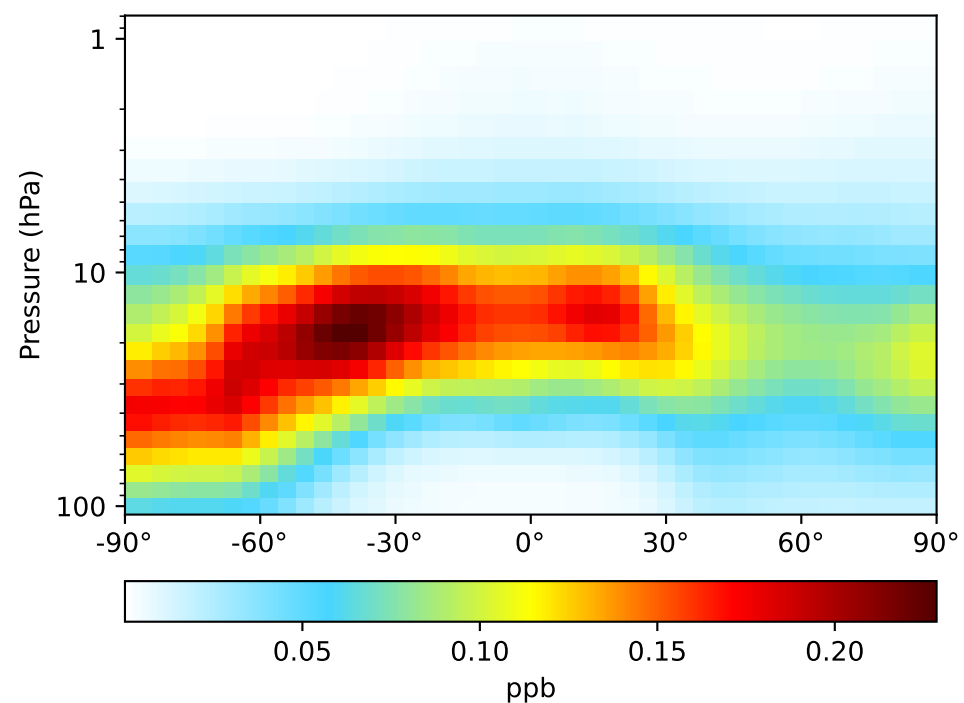


SpeciesConc_HNO4, Zonal Mean (Jan2019)

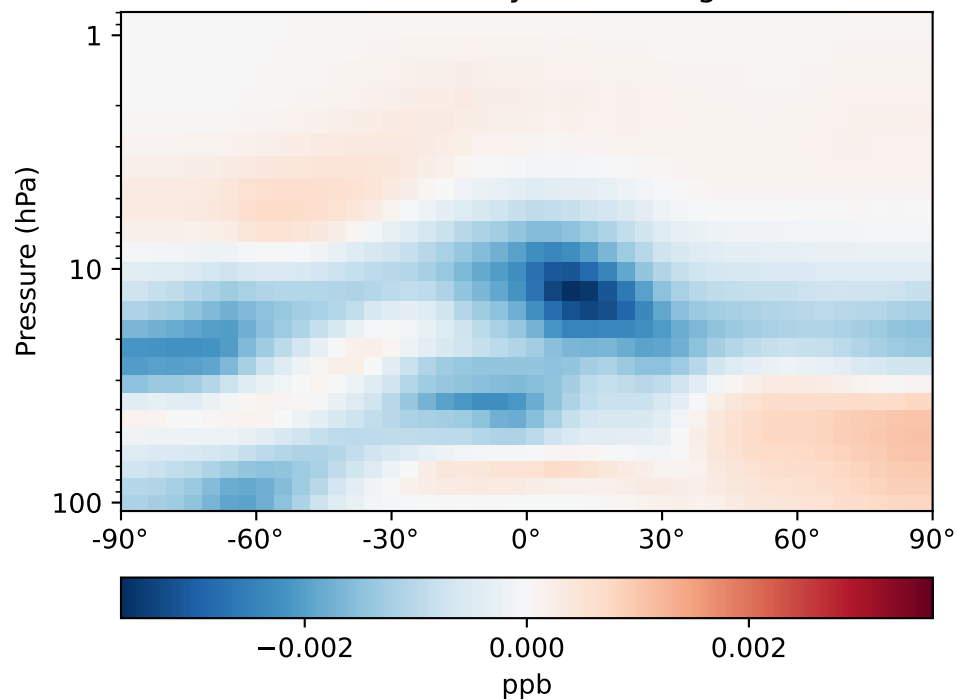
GCC_13.2.0 (Ref)
4.0x5.0



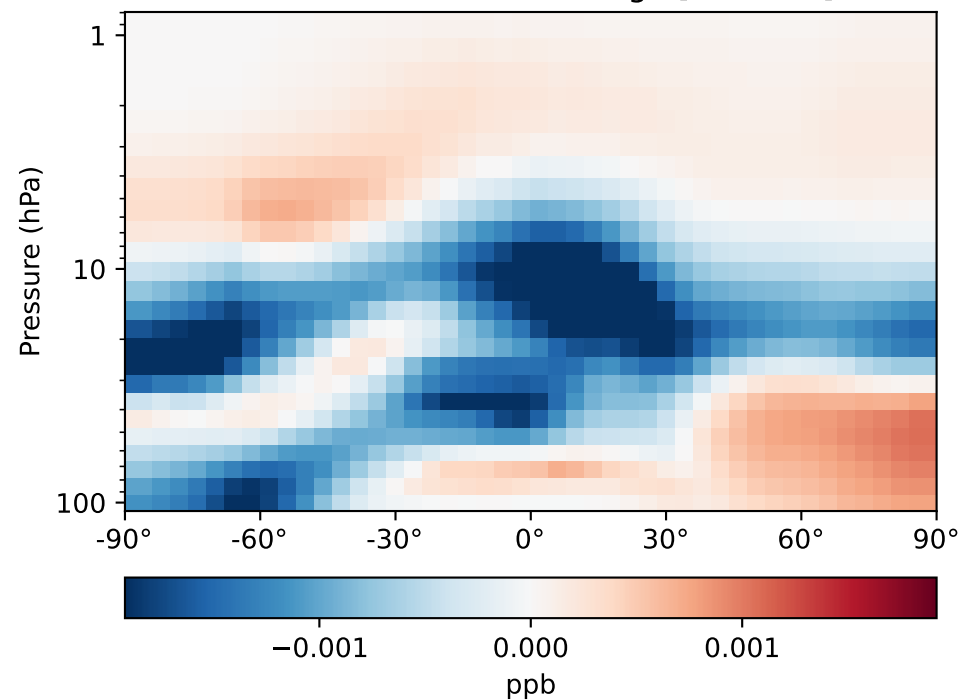
GCC_13.3.0 (Dev)
4.0x5.0



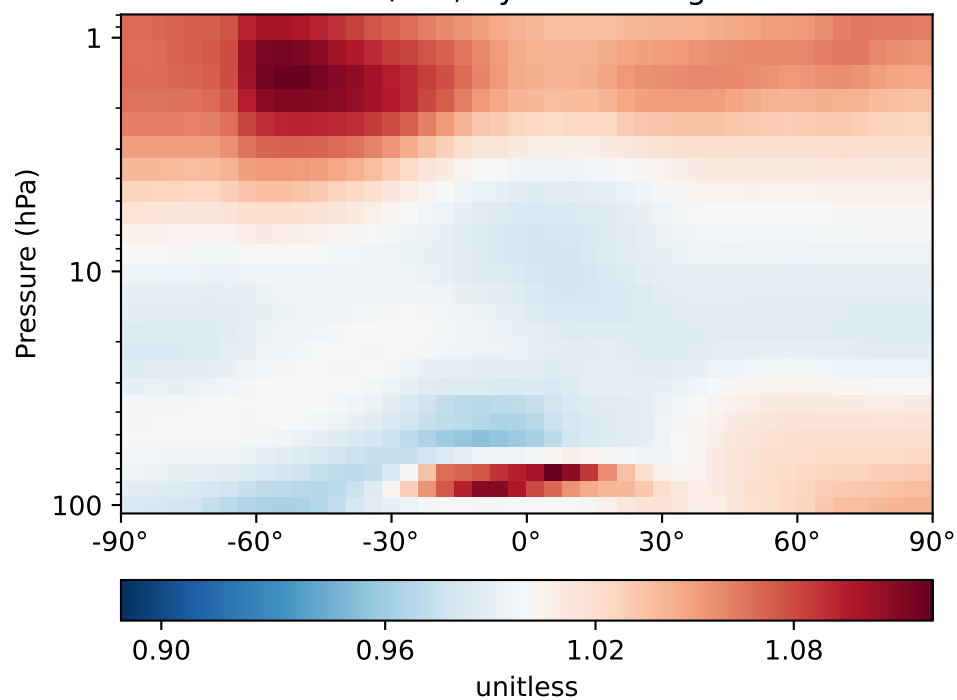
Difference
Dev - Ref, Dynamic Range



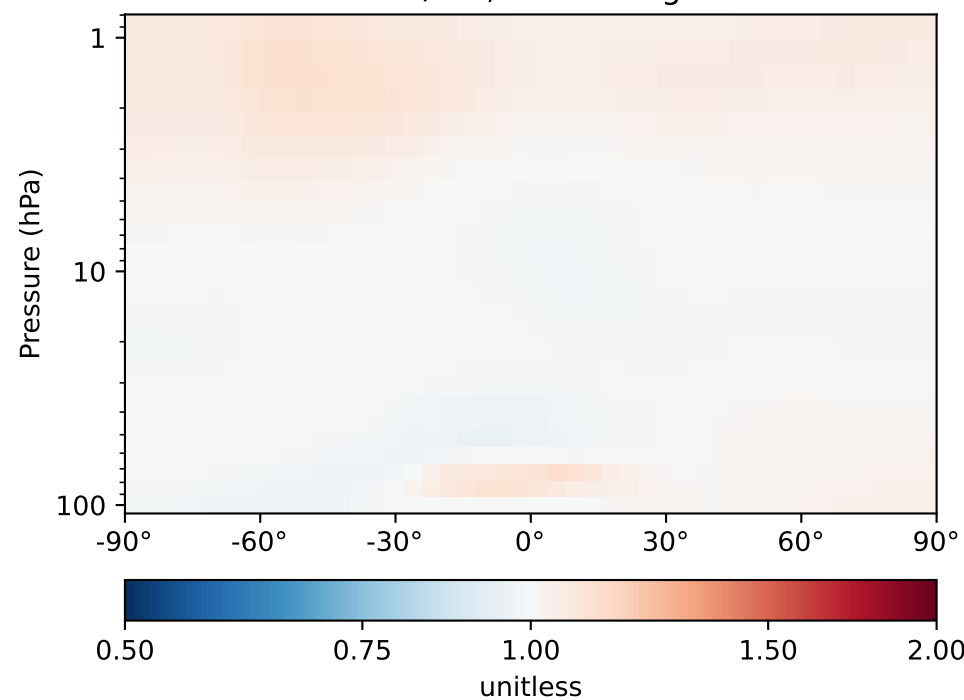
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

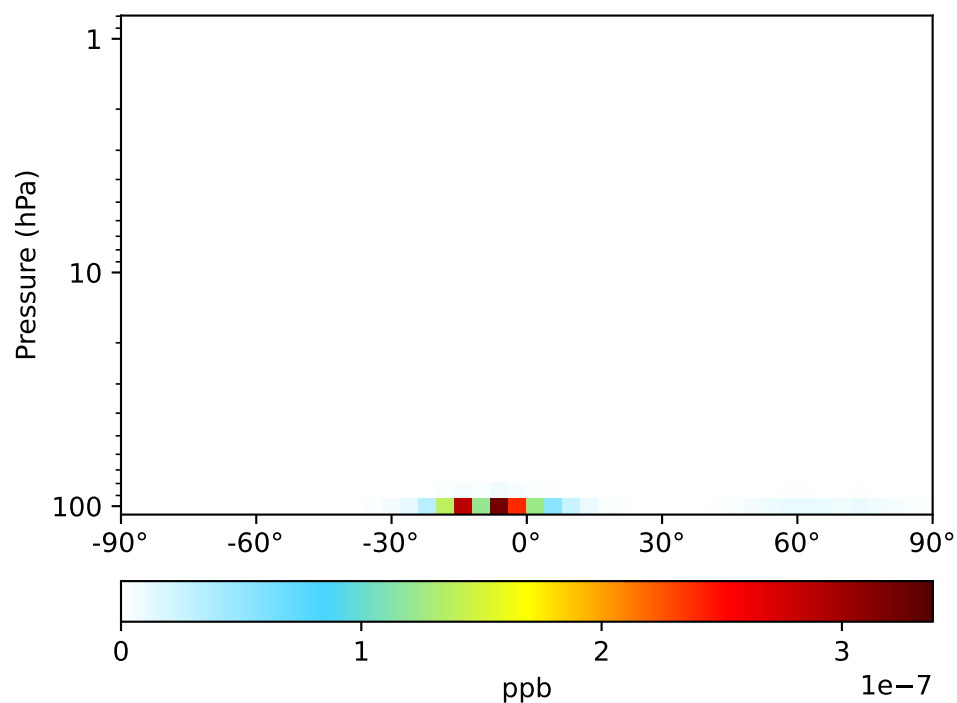


Ratio
Dev/Ref, Fixed Range

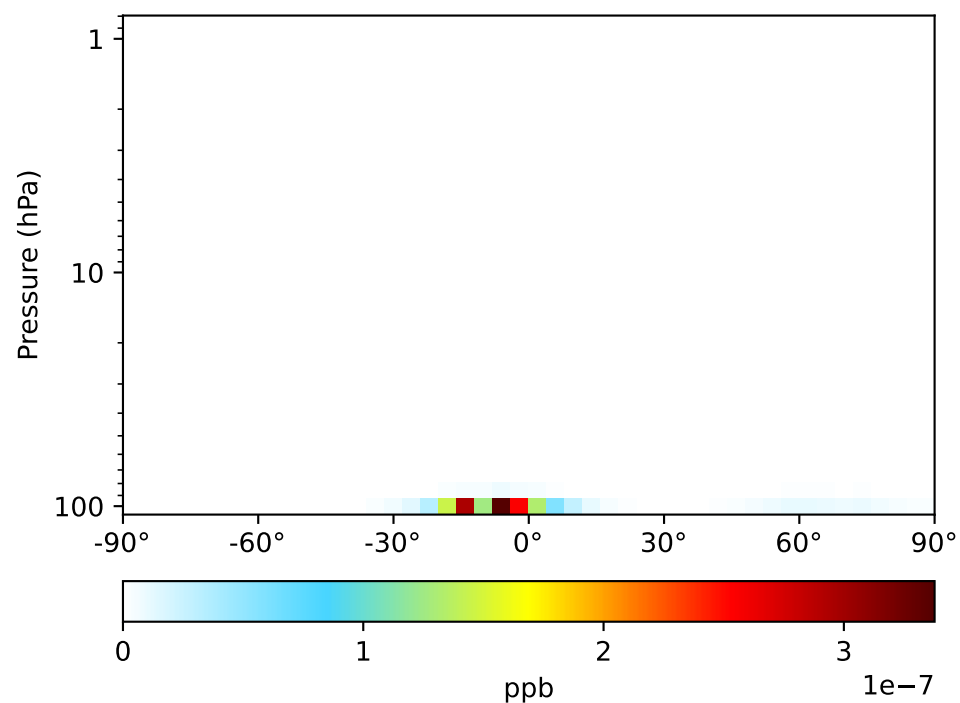


SpeciesConc_MPAN, Zonal Mean (Jan2019)

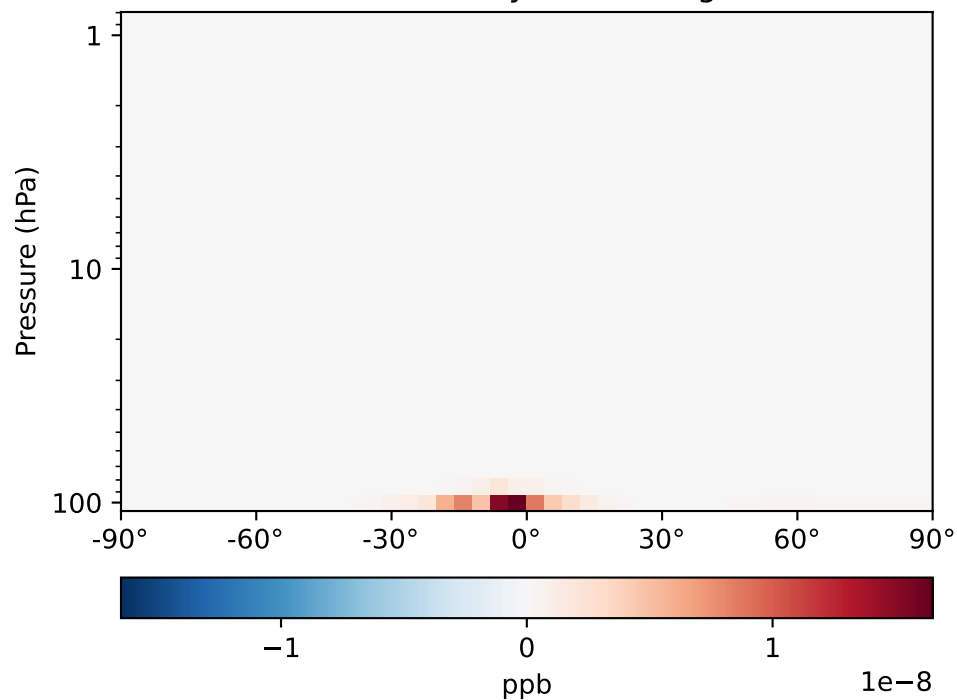
GCC_13.2.0 (Ref)
4.0x5.0



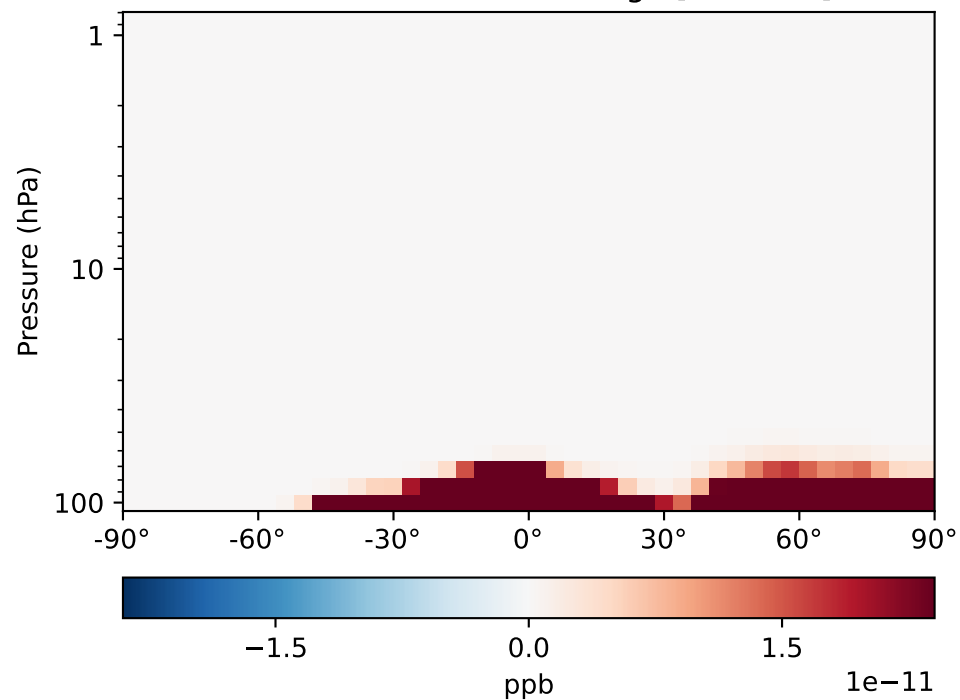
GCC_13.3.0 (Dev)
4.0x5.0



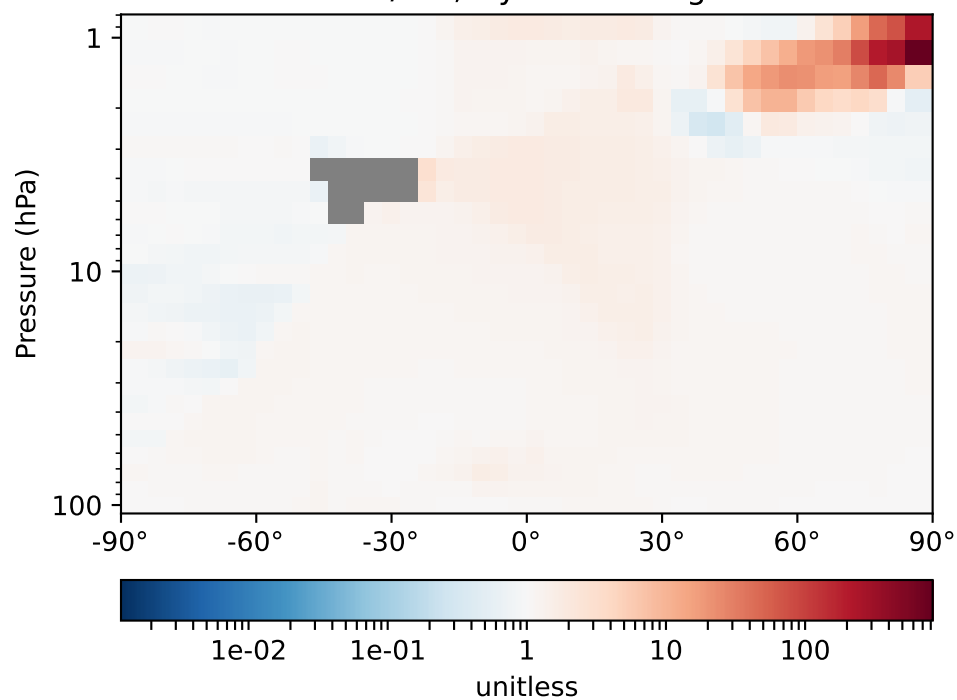
Difference
Dev - Ref, Dynamic Range



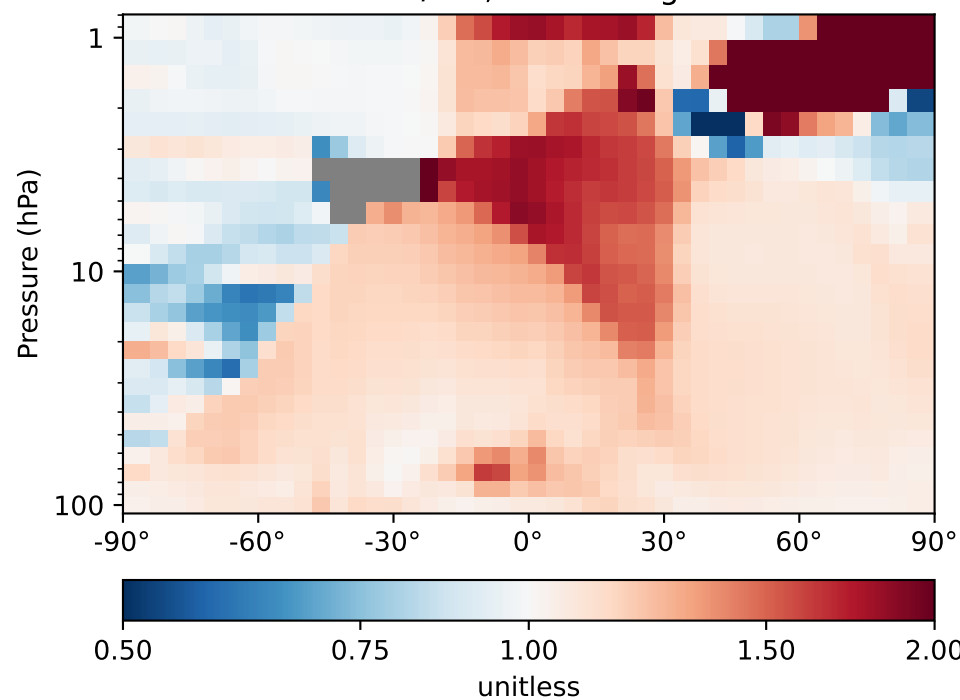
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

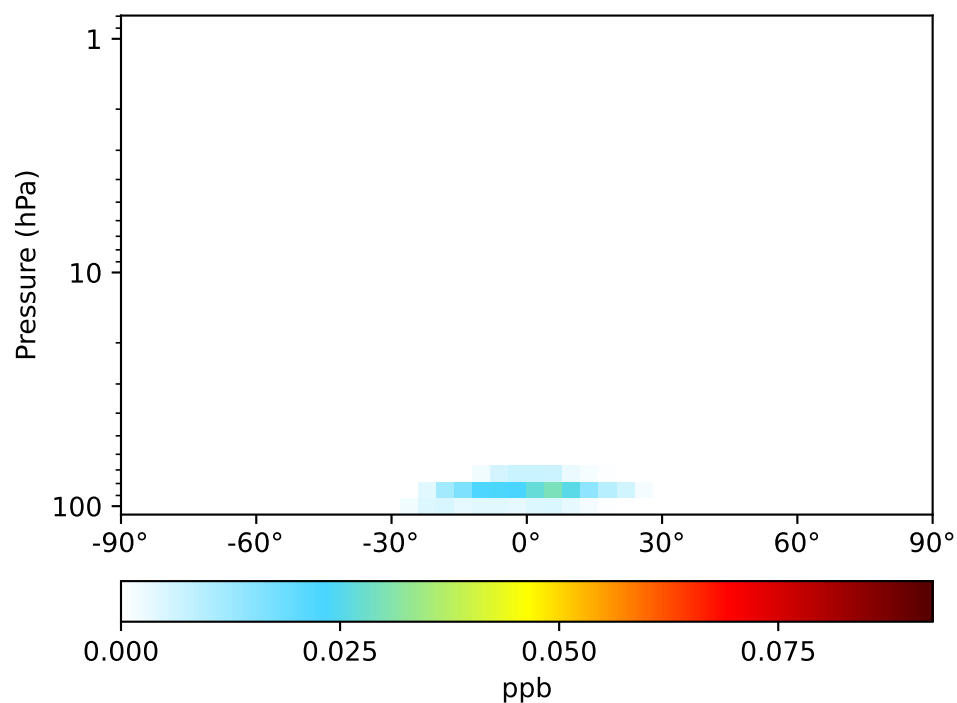


Ratio
Dev/Ref, Fixed Range

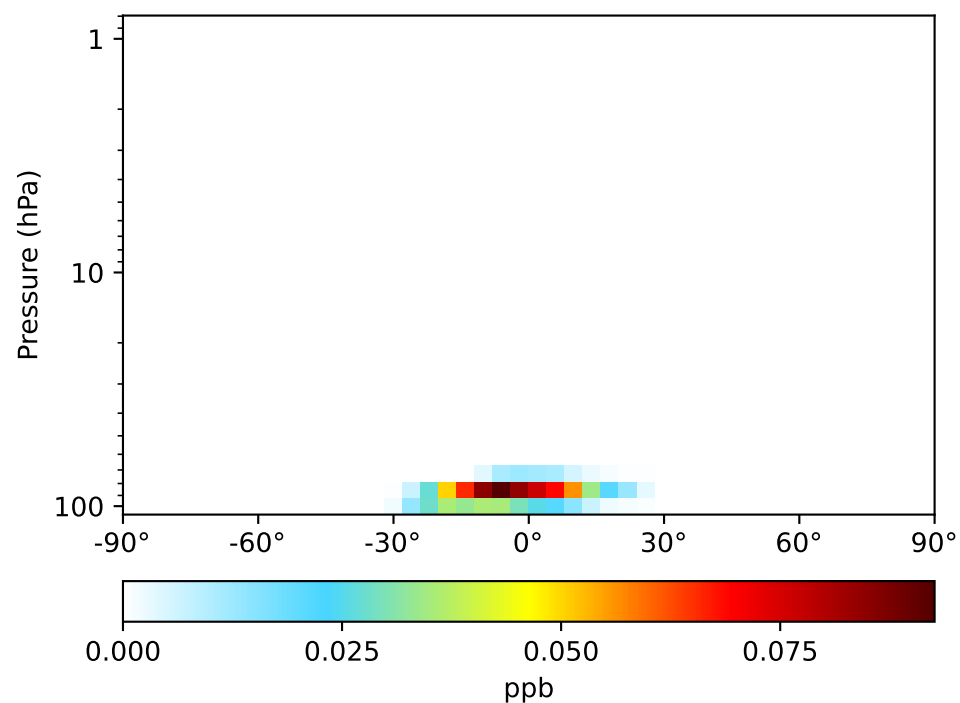


SpeciesConc_NIT, Zonal Mean (Jan2019)

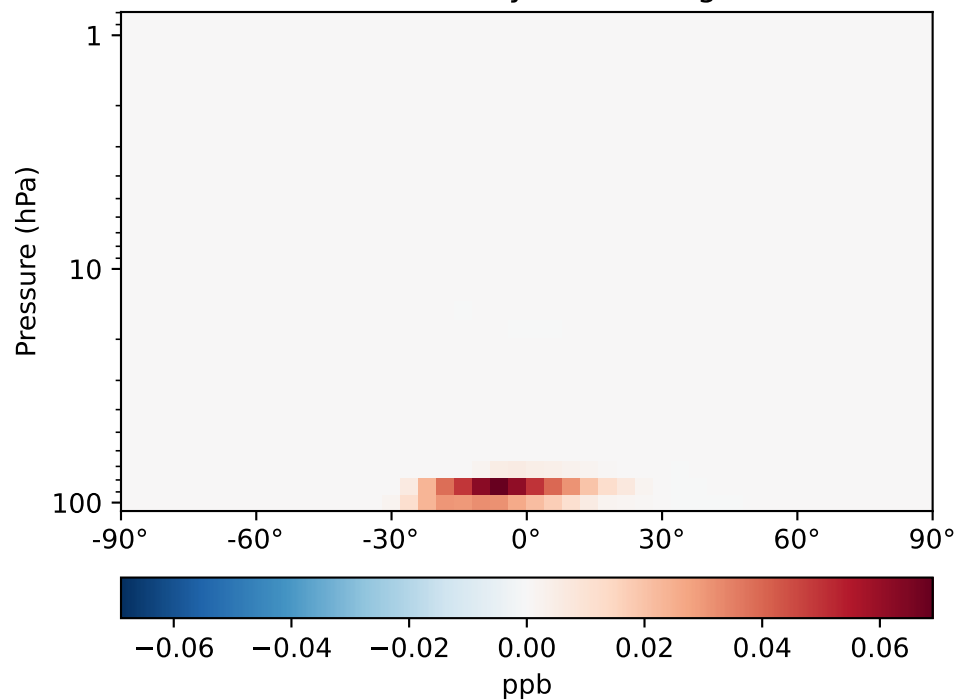
GCC_13.2.0 (Ref)
4.0x5.0



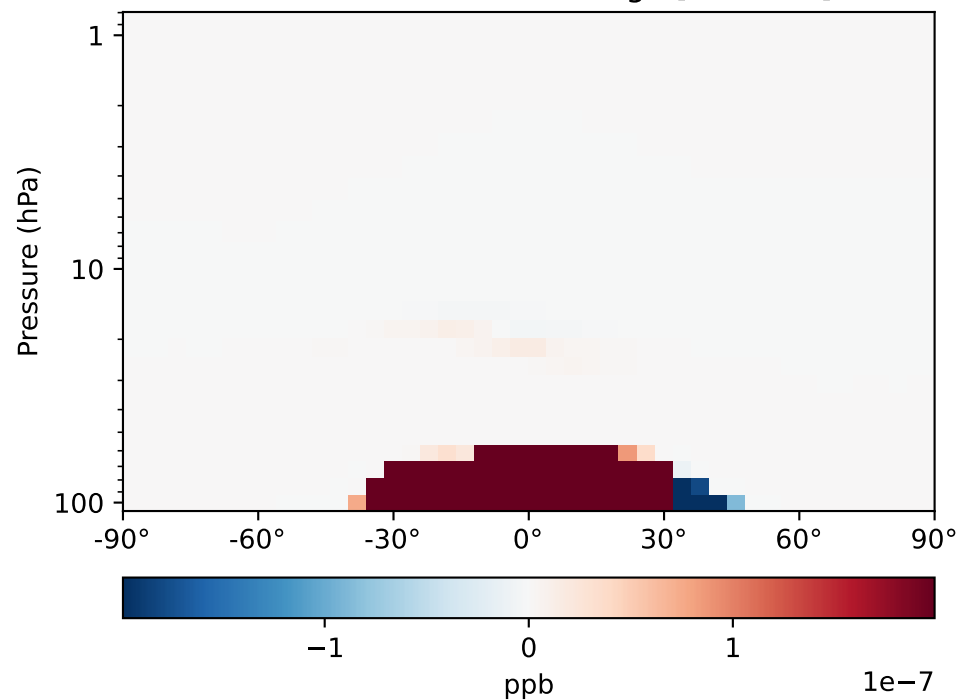
GCC_13.3.0 (Dev)
4.0x5.0



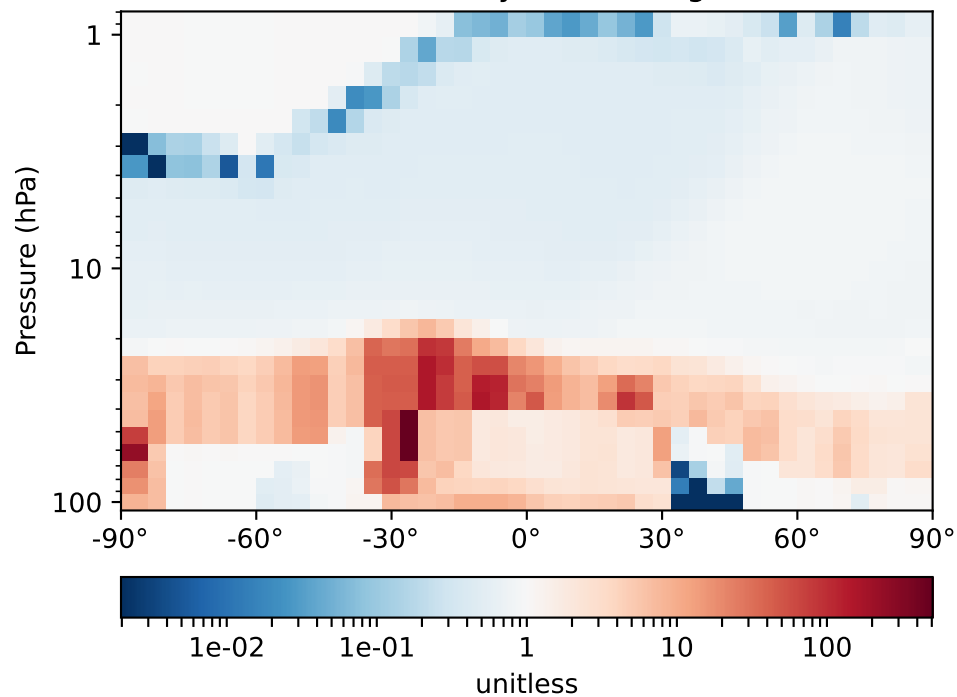
Difference
Dev - Ref, Dynamic Range



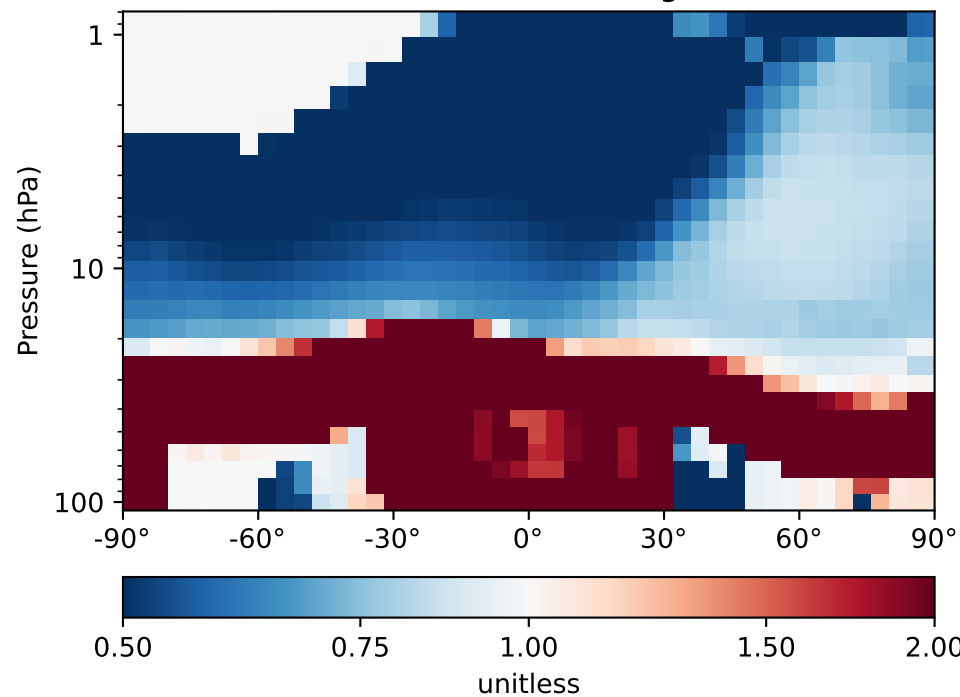
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

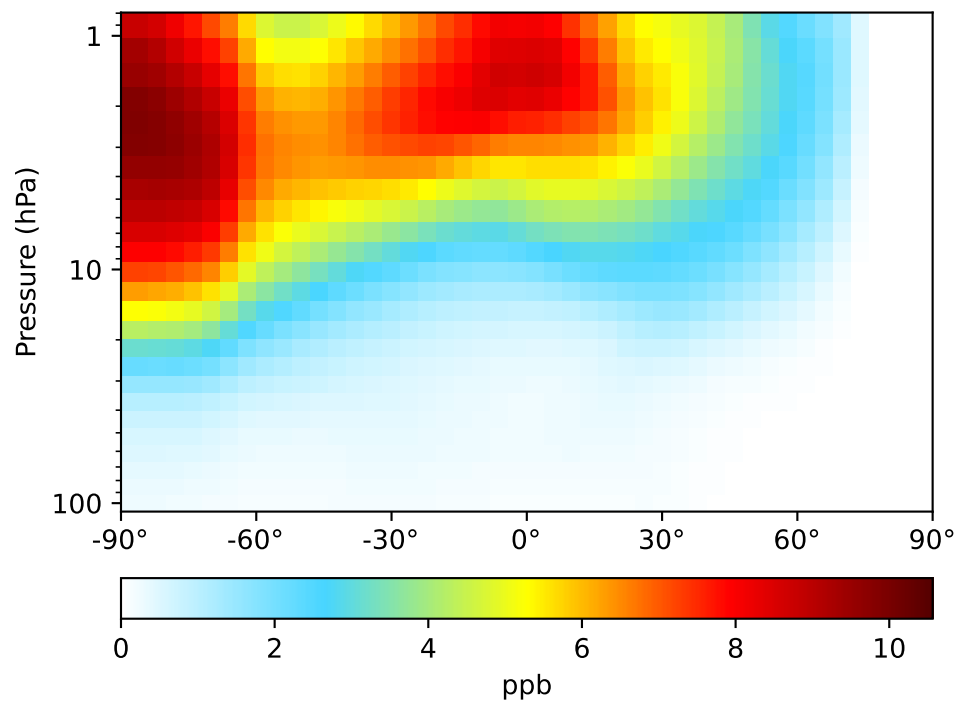


Ratio
Dev/Ref, Fixed Range

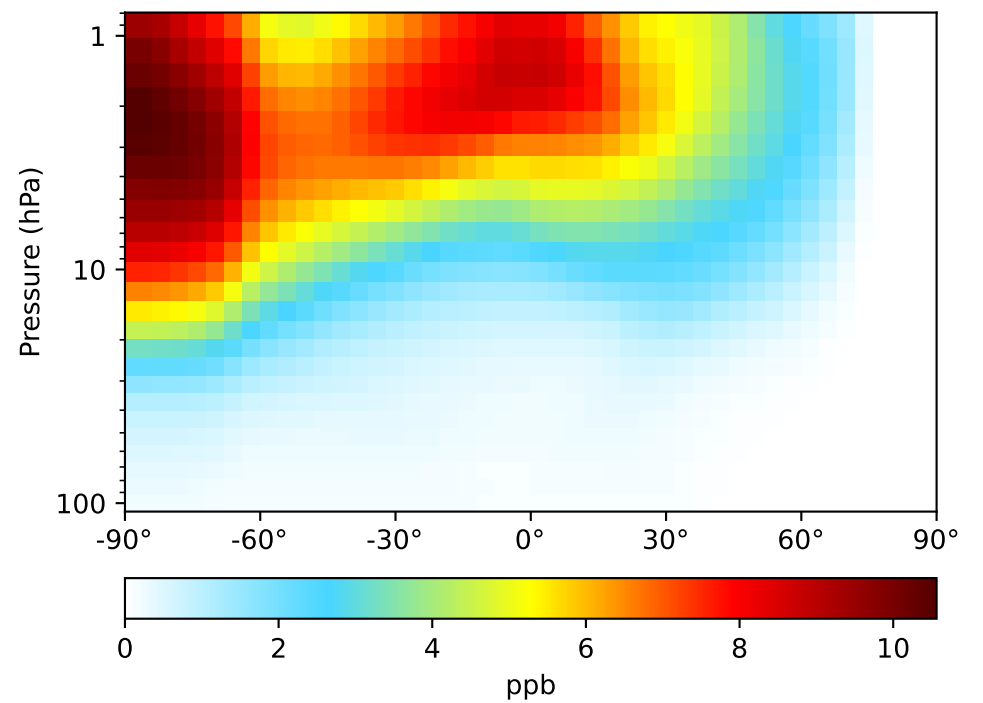


SpeciesConc_NO, Zonal Mean (Jan2019)

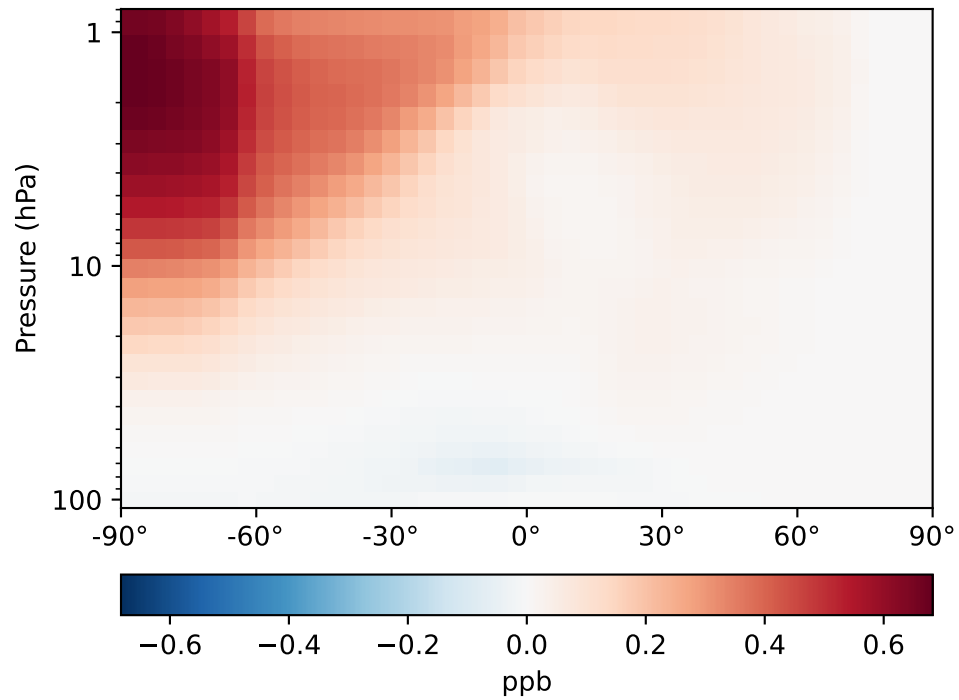
GCC_13.2.0 (Ref)
4.0x5.0



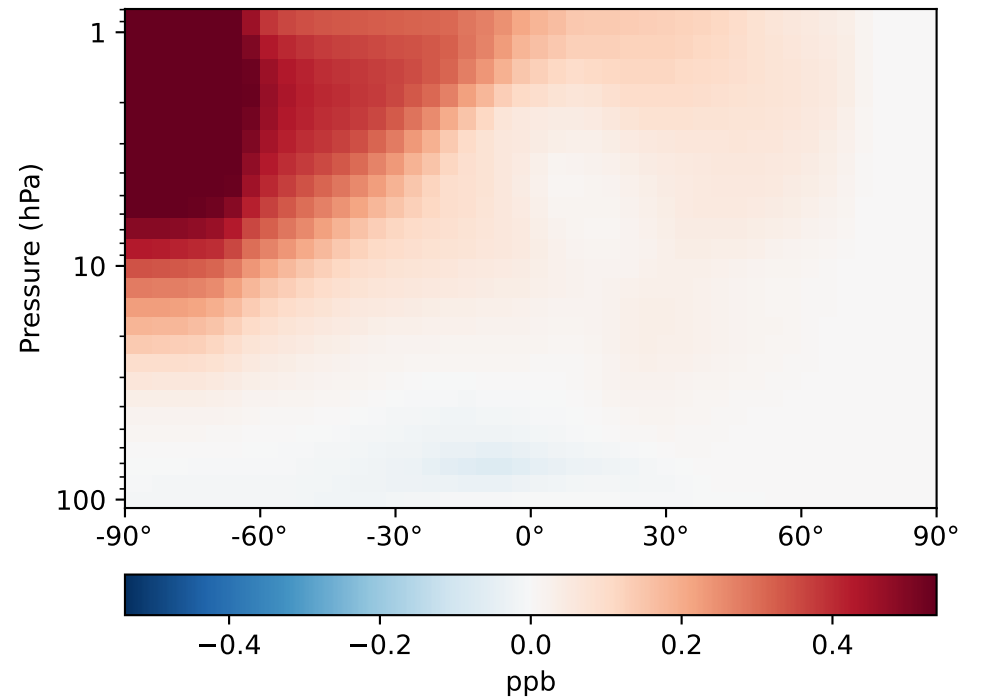
GCC_13.3.0 (Dev)
4.0x5.0



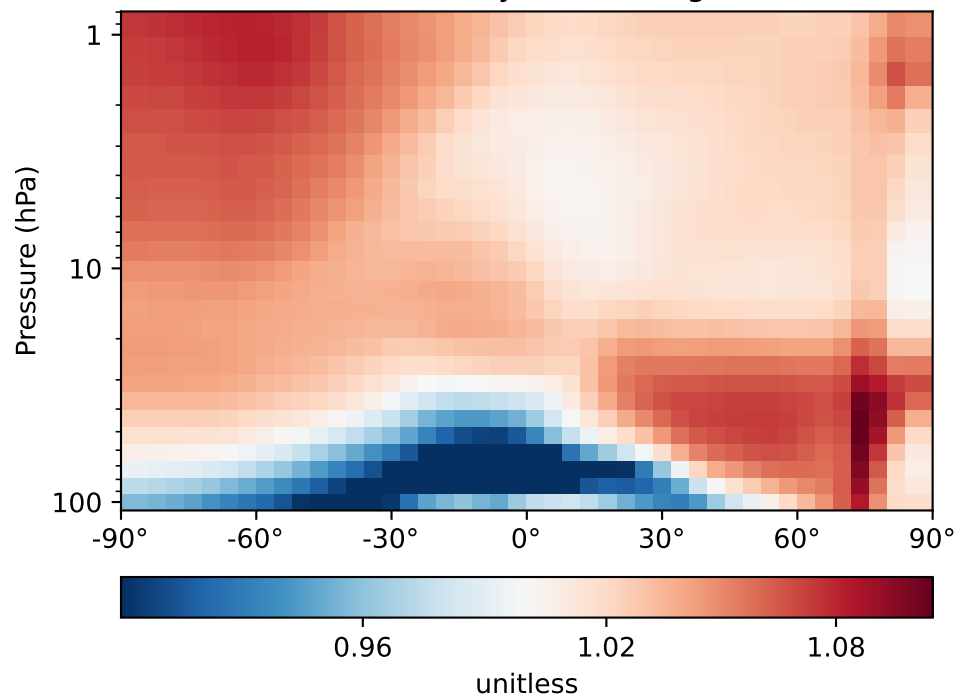
Difference
Dev - Ref, Dynamic Range



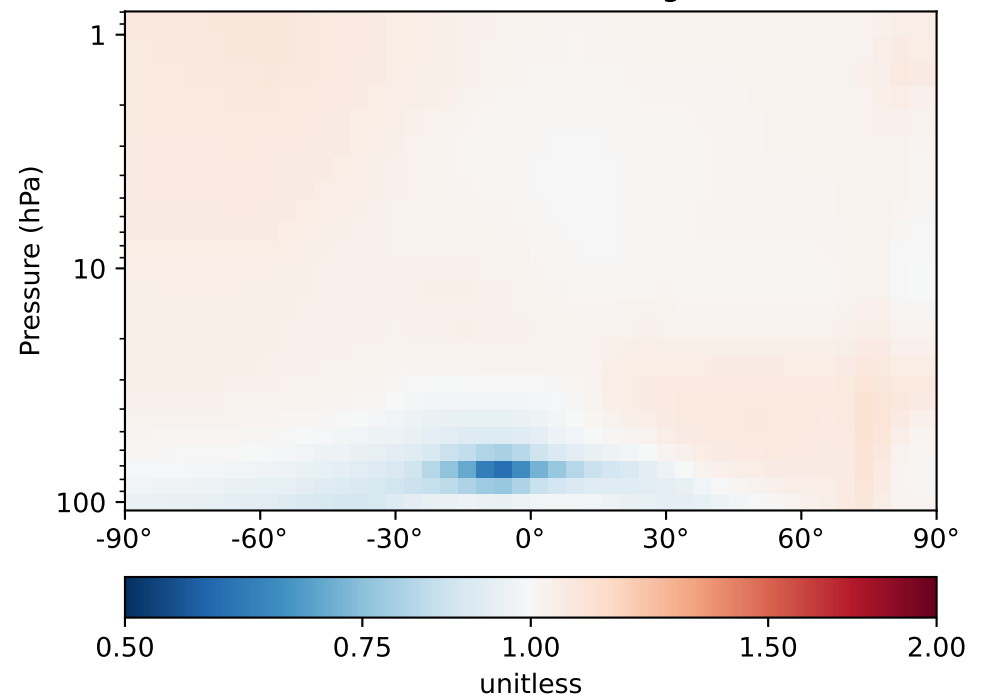
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

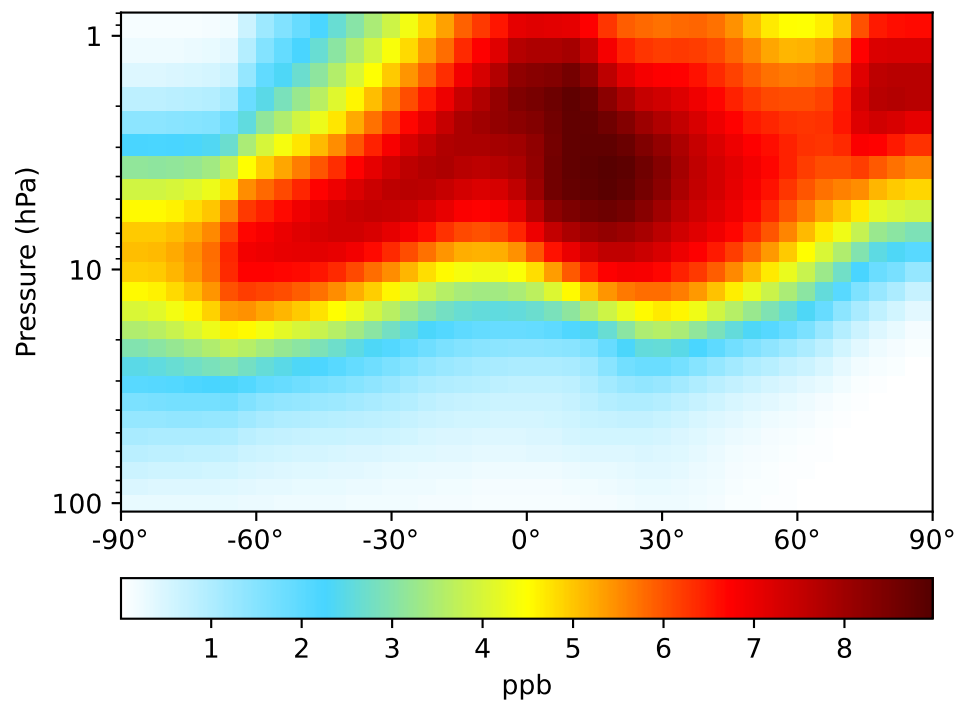


Ratio
Dev/Ref, Fixed Range

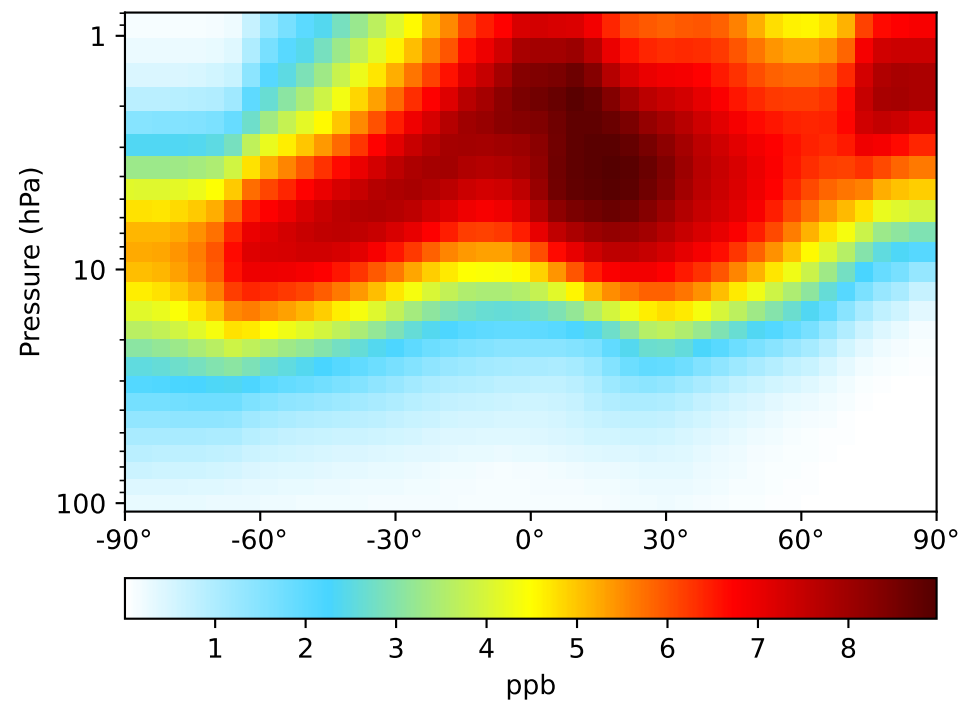


SpeciesConc_NO2, Zonal Mean (Jan2019)

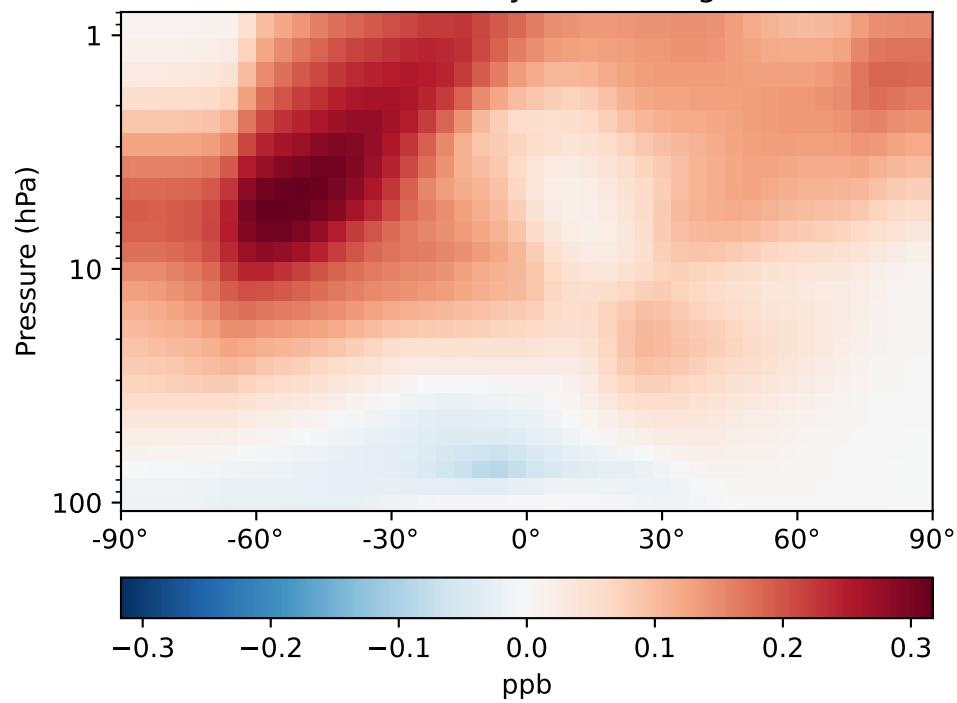
GCC_13.2.0 (Ref)
4.0x5.0



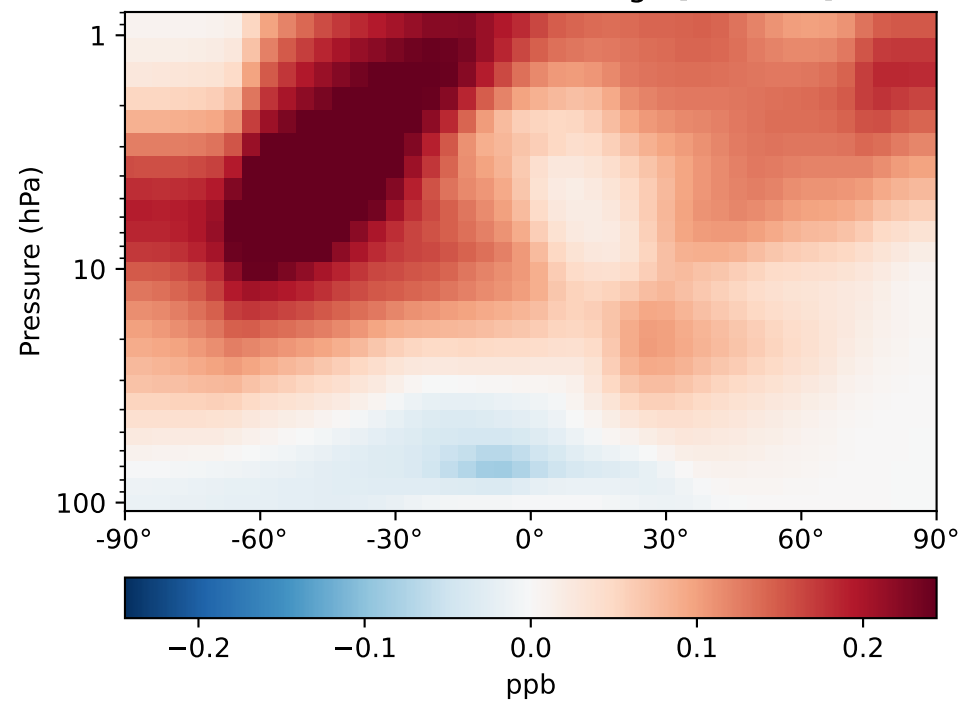
GCC_13.3.0 (Dev)
4.0x5.0



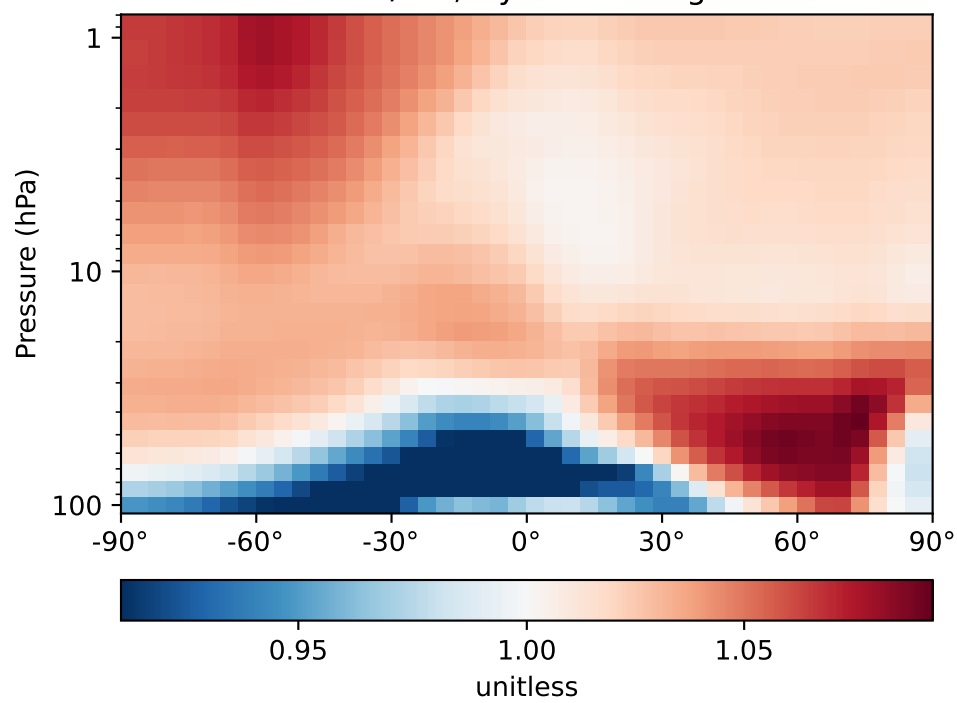
Difference
Dev - Ref, Dynamic Range



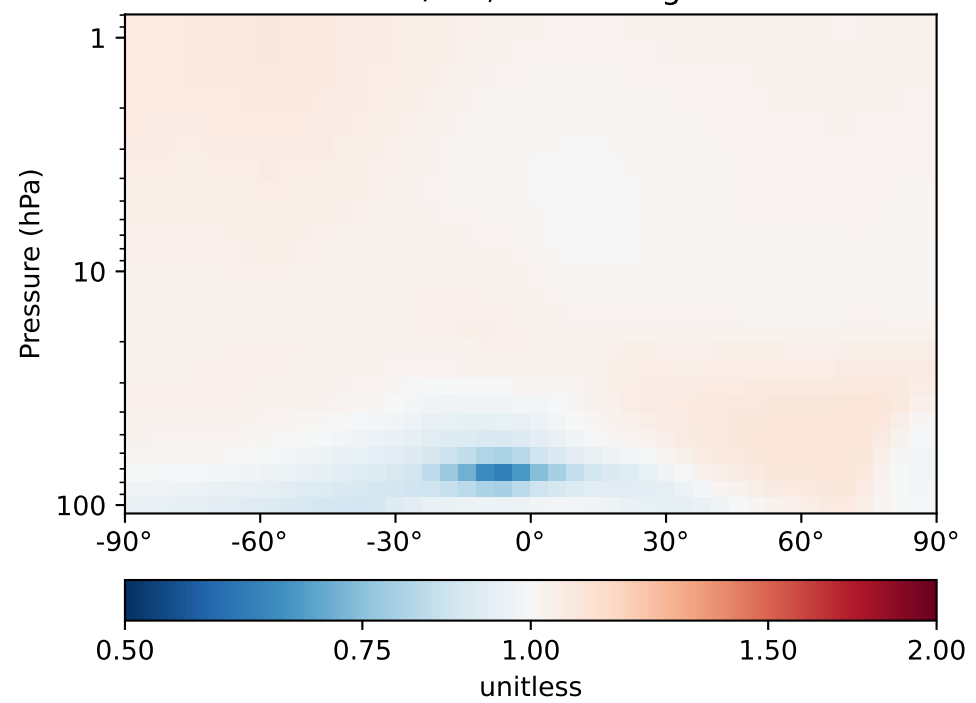
Difference
Dev - Ref, Restricted Range [5%,95%]



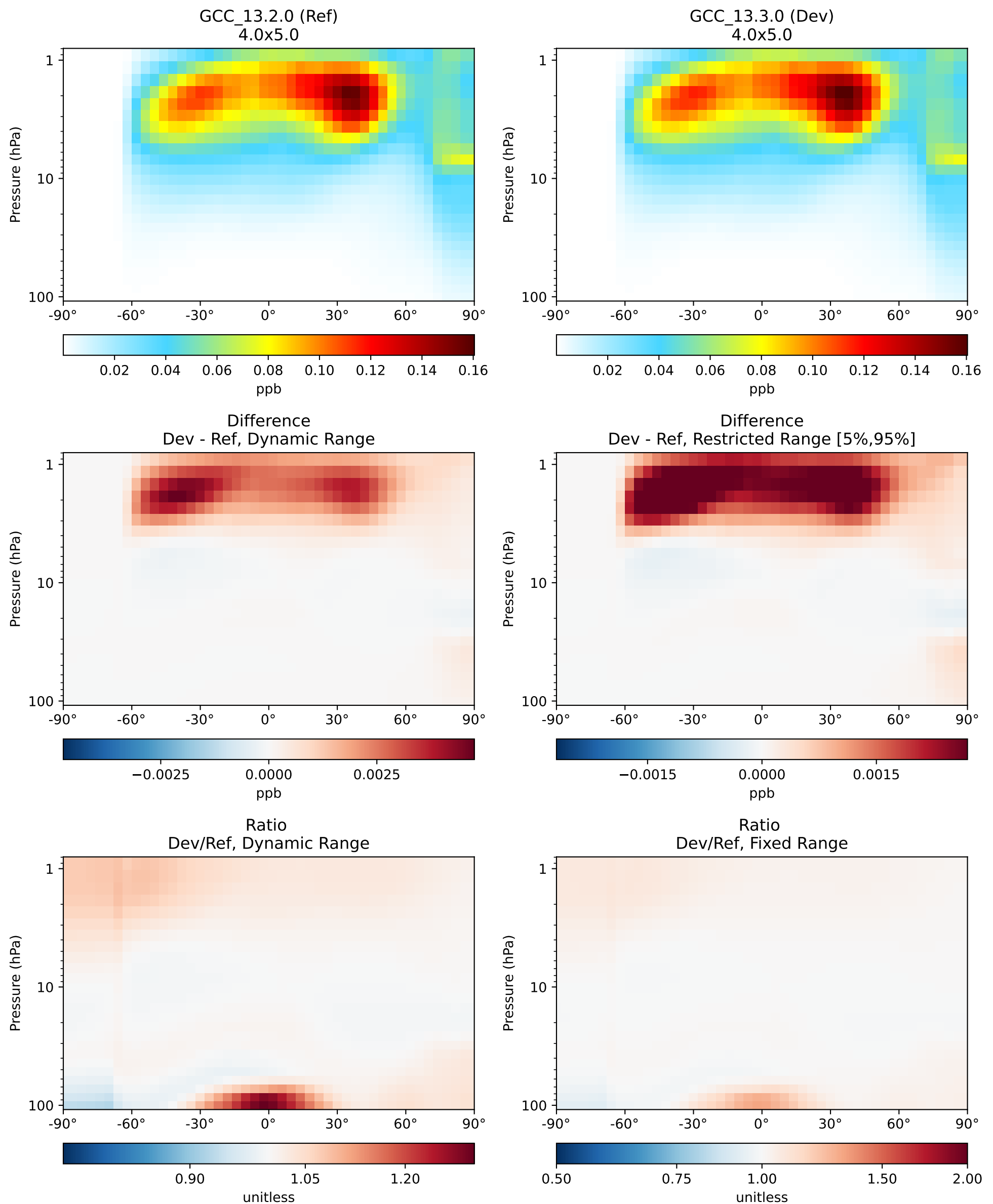
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

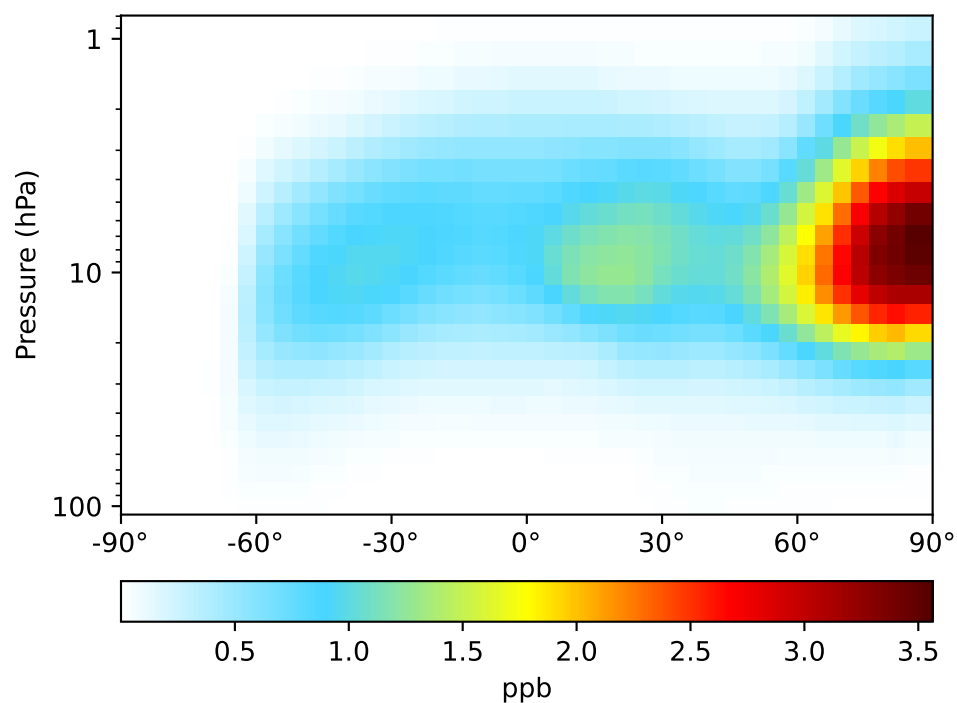


SpeciesConc_NO3, Zonal Mean (Jan2019)

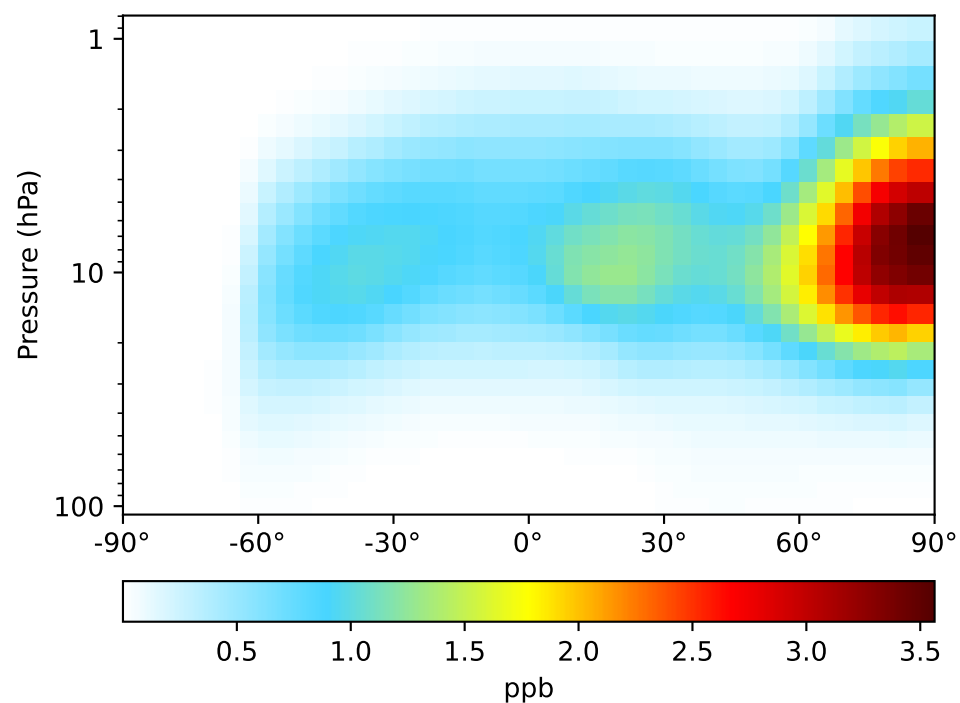


SpeciesConc_N2O5, Zonal Mean (Jan2019)

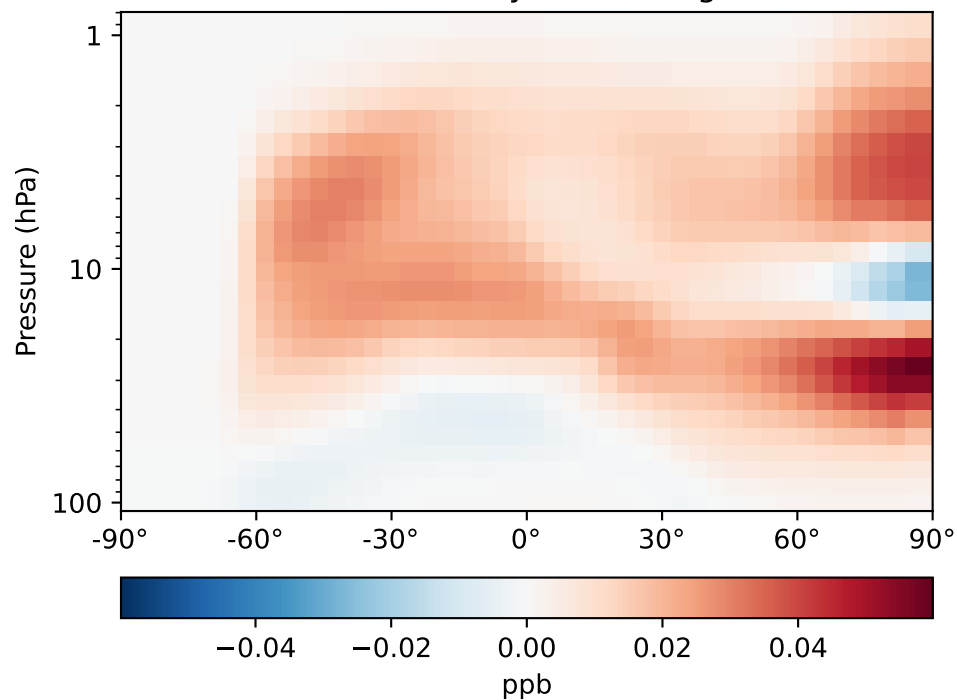
GCC_13.2.0 (Ref)
4.0x5.0



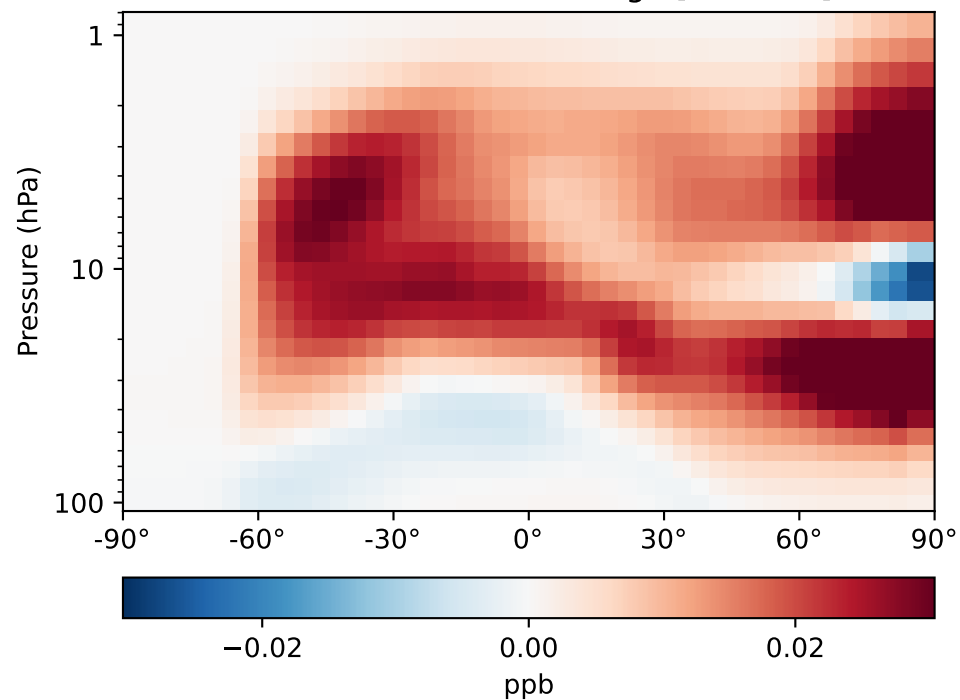
GCC_13.3.0 (Dev)
4.0x5.0



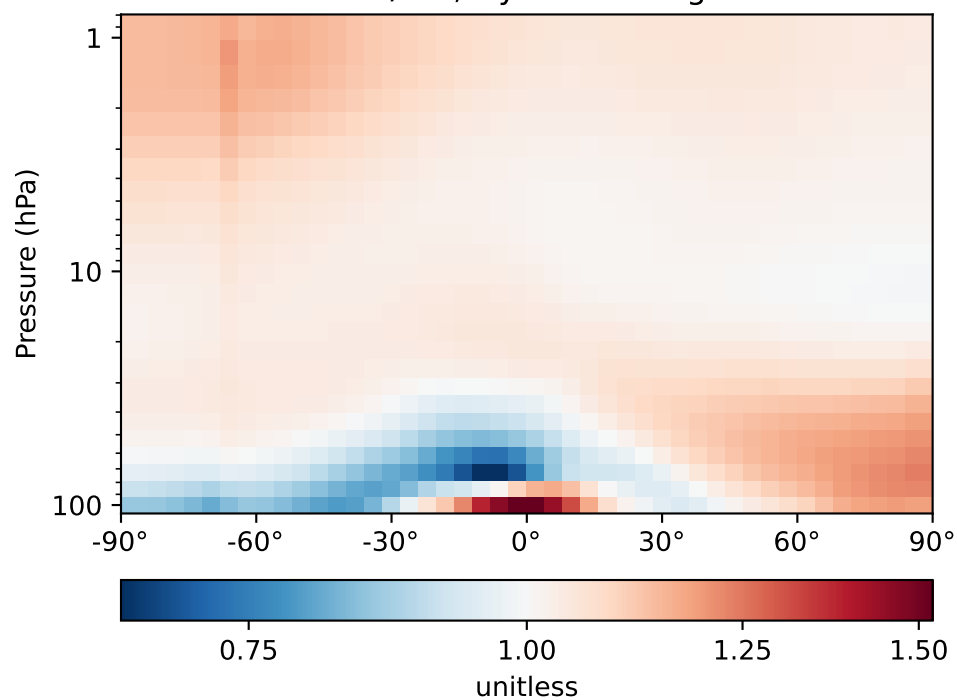
Difference
Dev - Ref, Dynamic Range



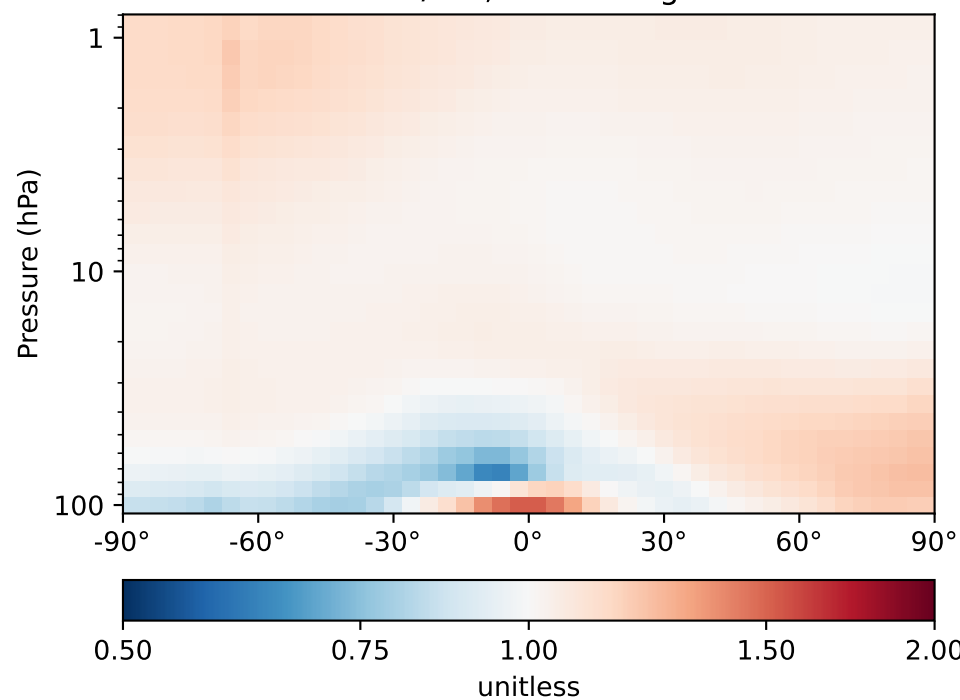
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

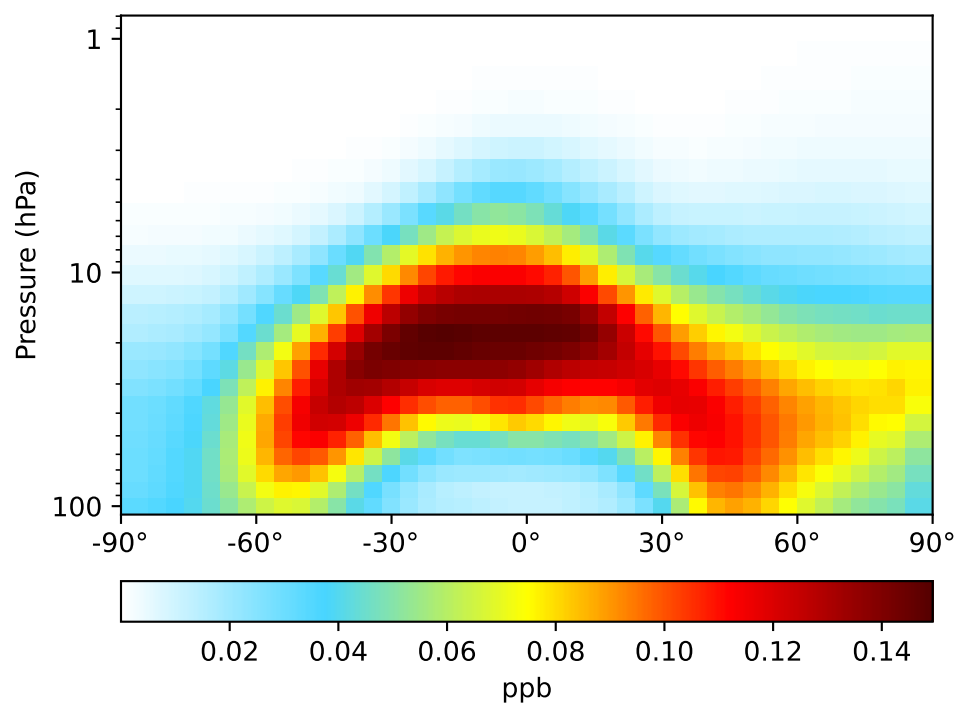


Ratio
Dev/Ref, Fixed Range

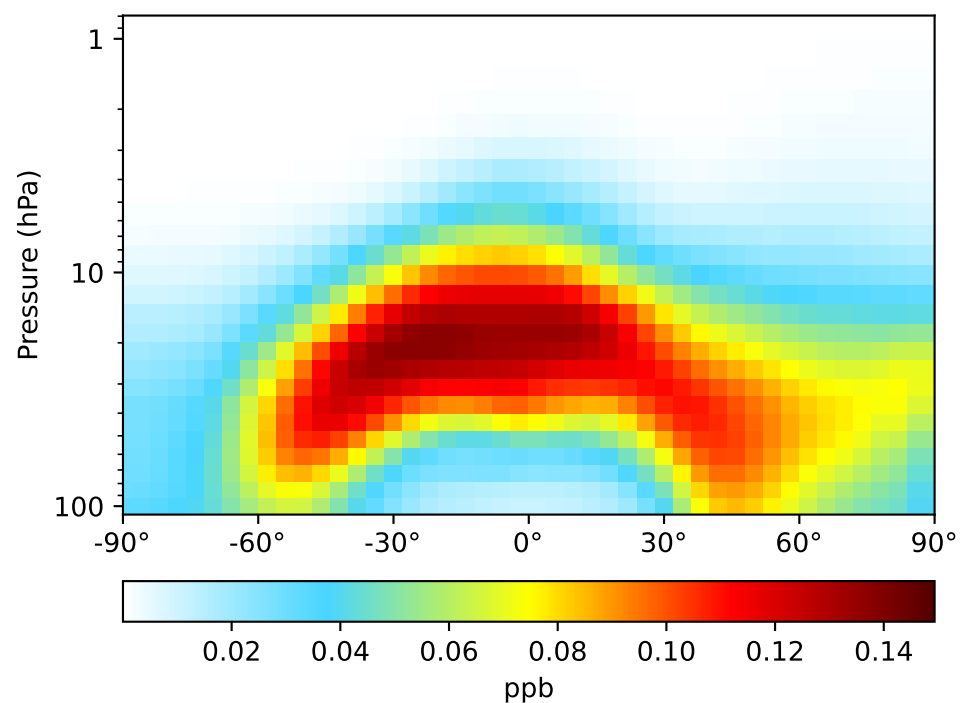


SpeciesConc_MPN, Zonal Mean (Jan2019)

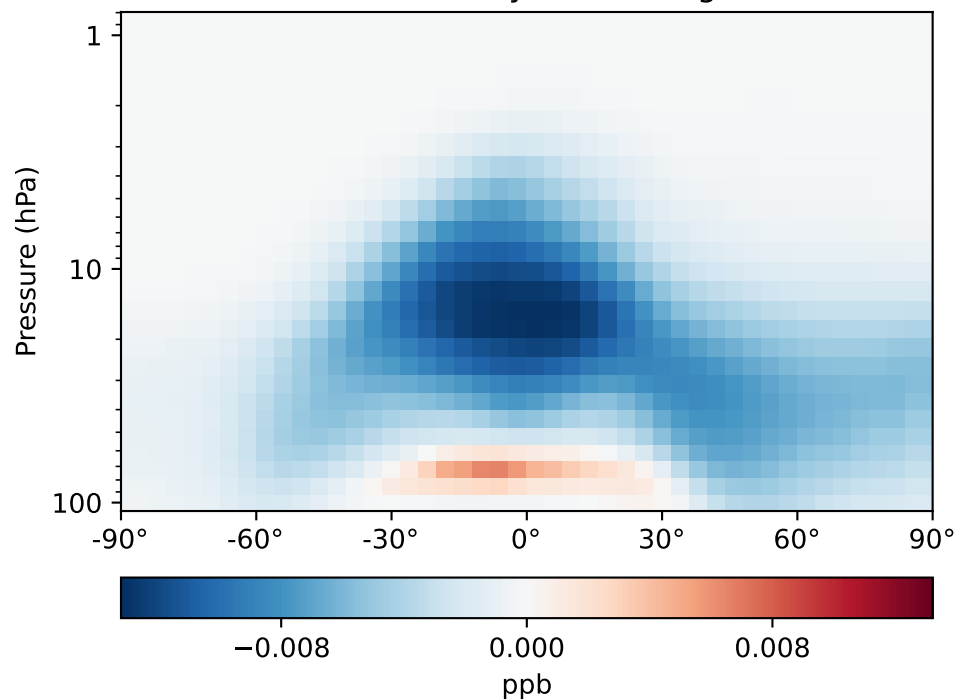
GCC_13.2.0 (Ref)
4.0x5.0



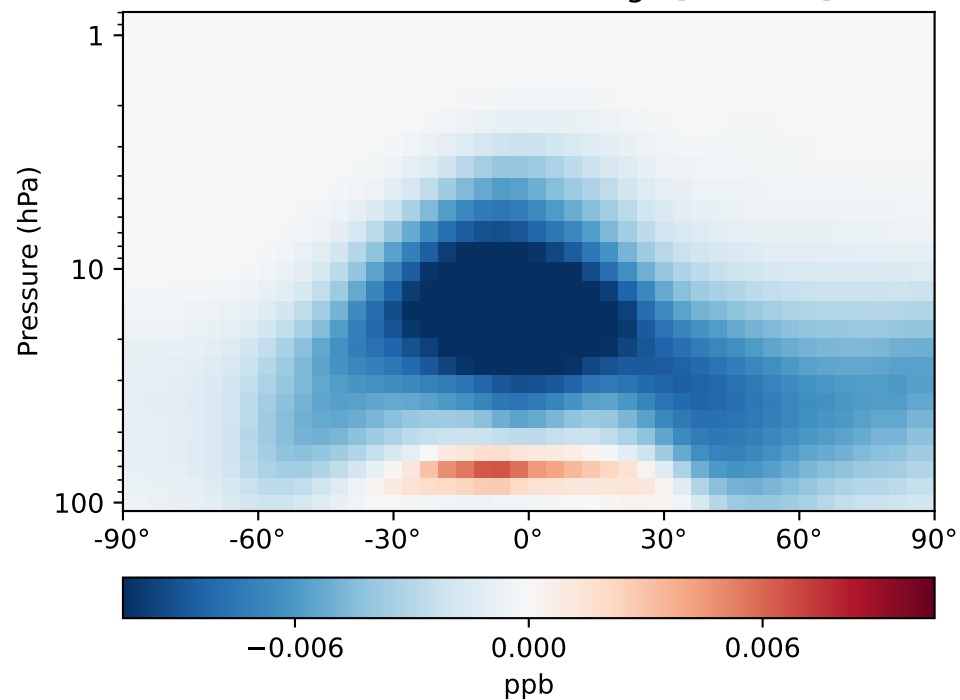
GCC_13.3.0 (Dev)
4.0x5.0



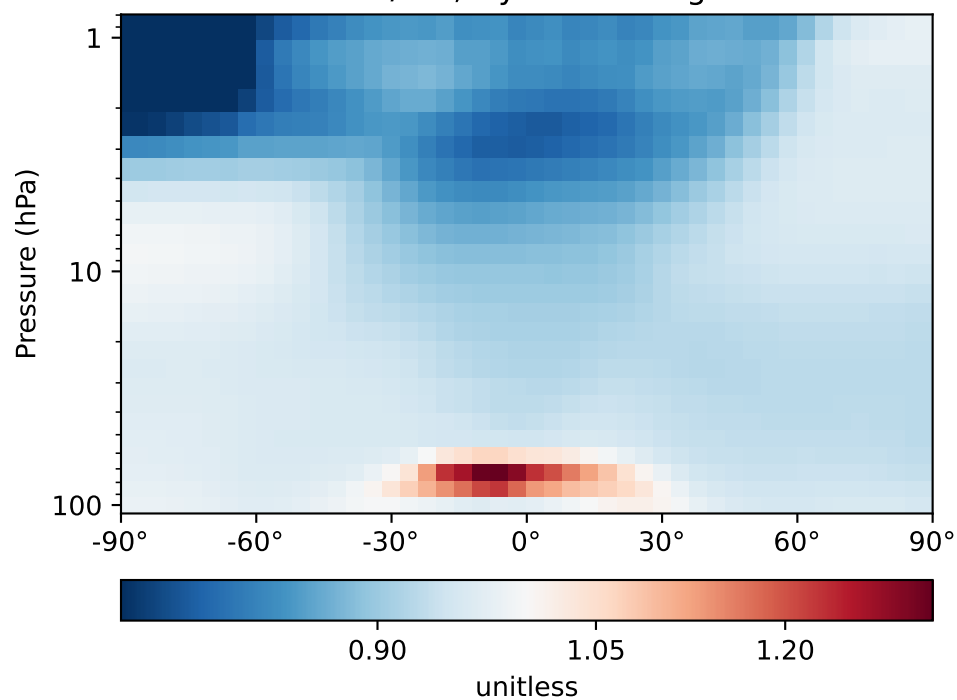
Difference
Dev - Ref, Dynamic Range



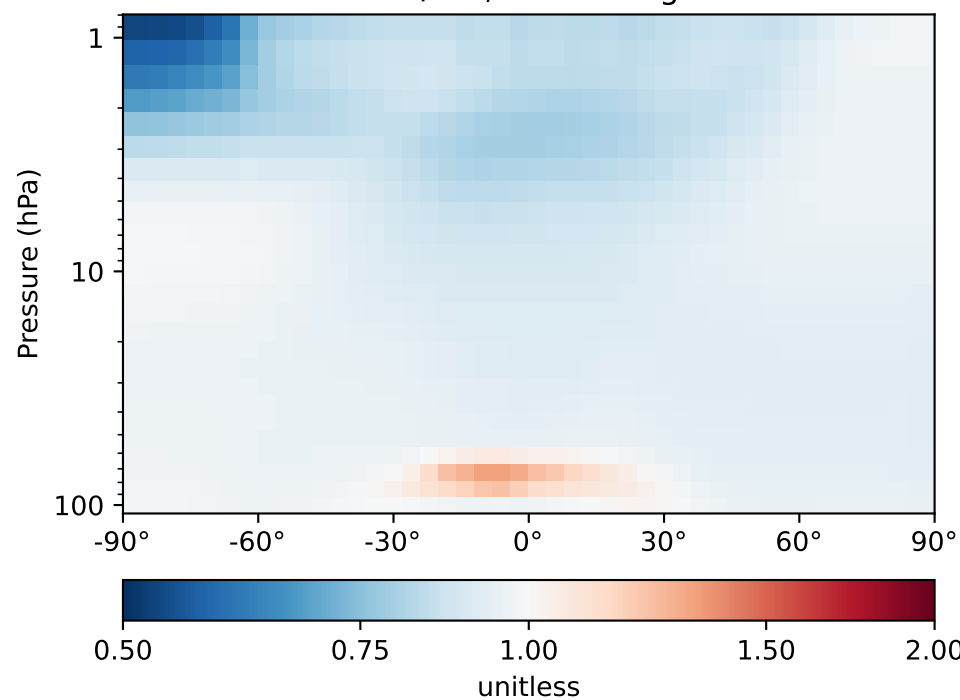
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

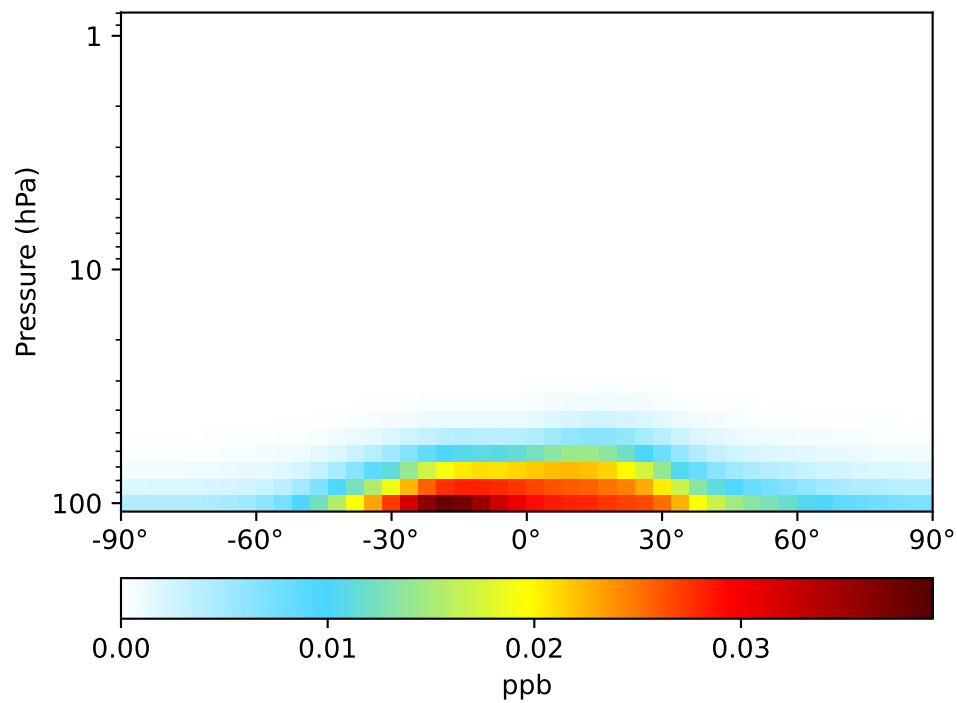


Ratio
Dev/Ref, Fixed Range

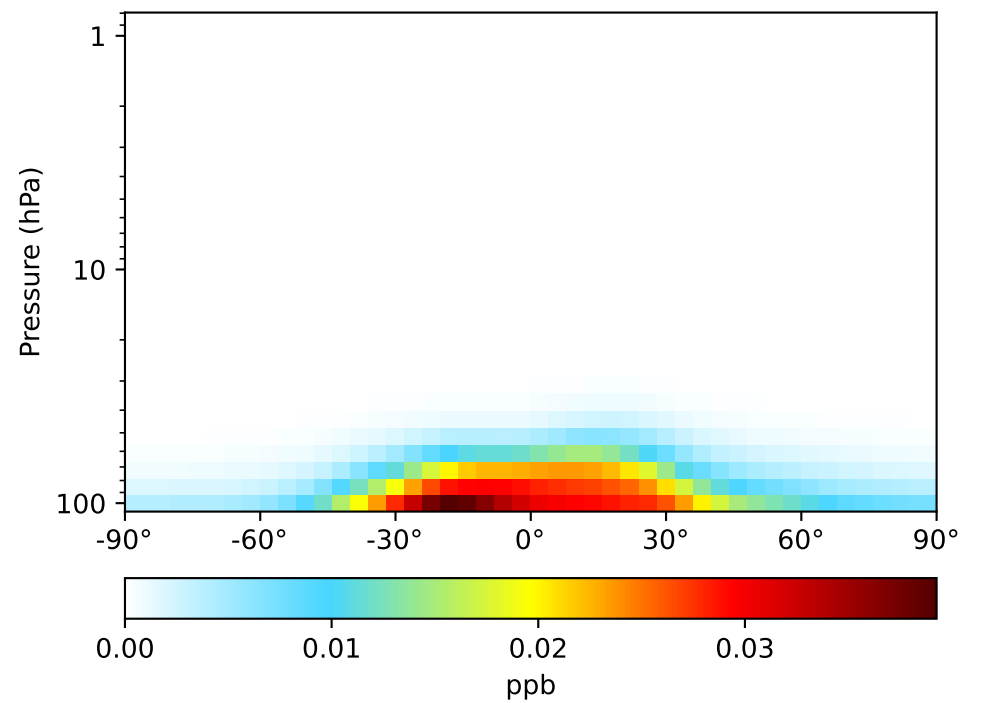


SpeciesConc_PAN, Zonal Mean (Jan2019)

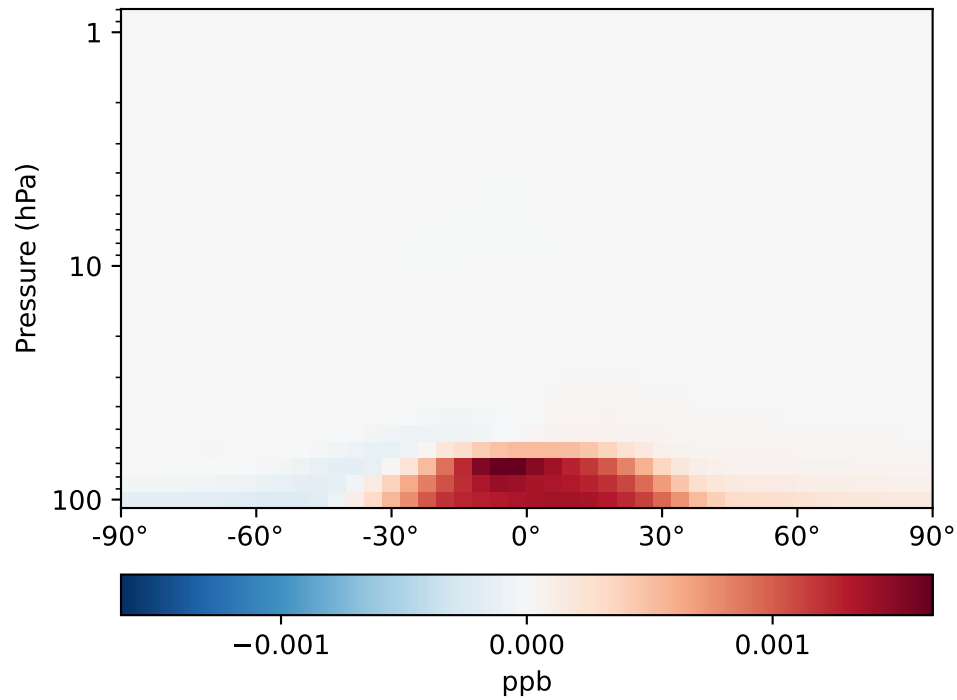
GCC_13.2.0 (Ref)
4.0x5.0



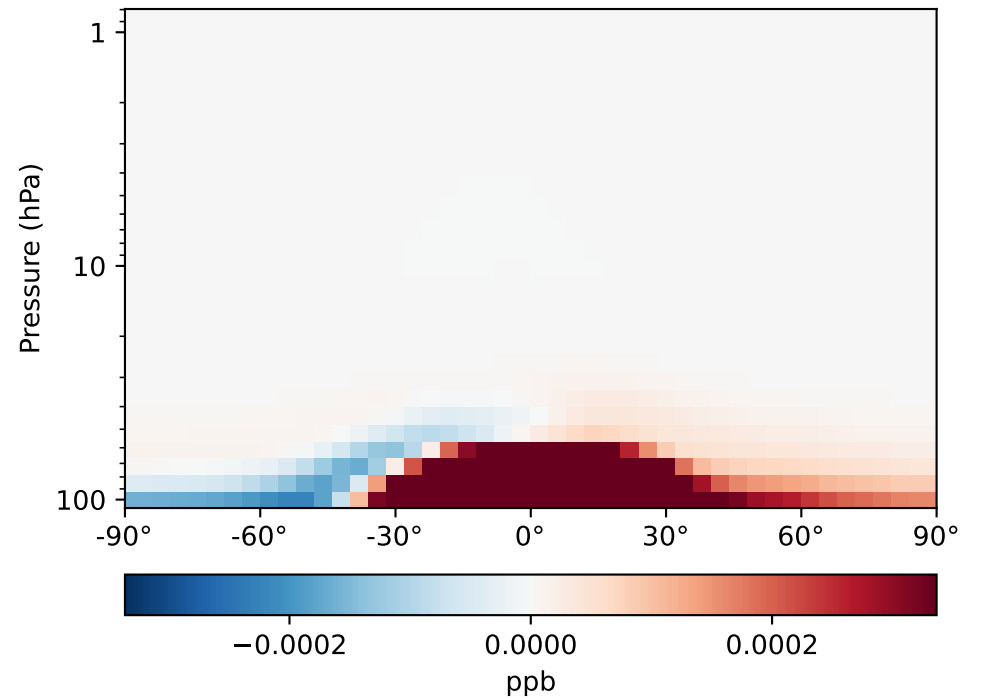
GCC_13.3.0 (Dev)
4.0x5.0



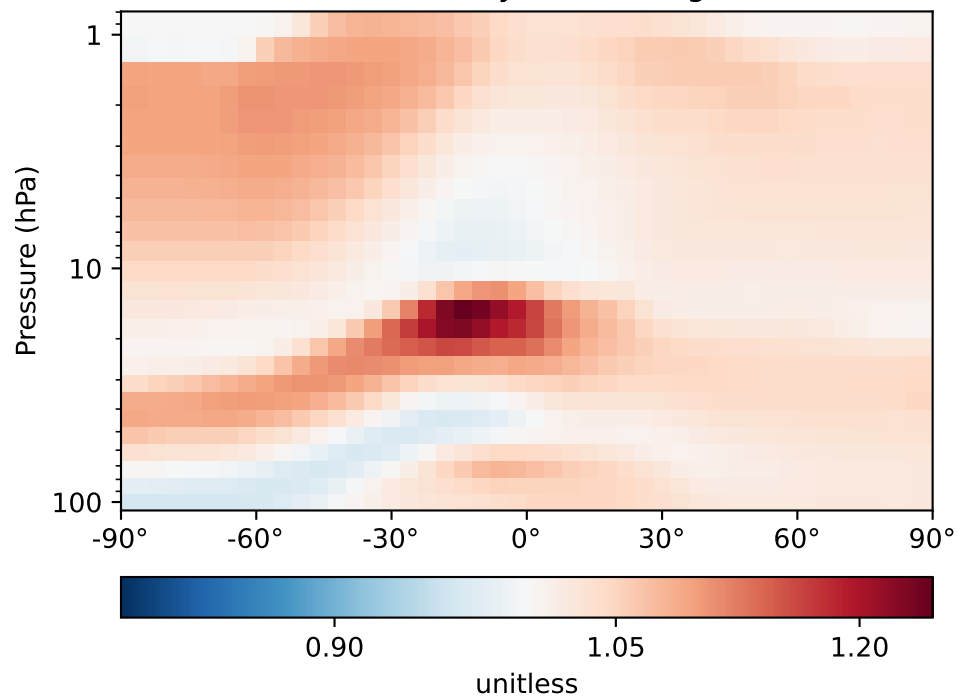
Difference
Dev - Ref, Dynamic Range



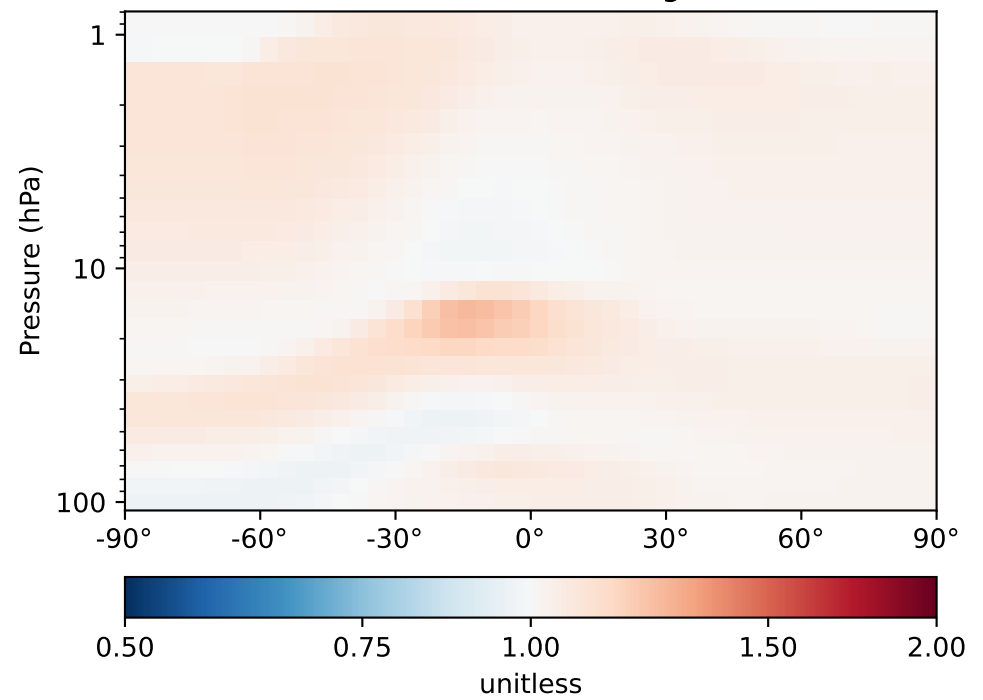
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

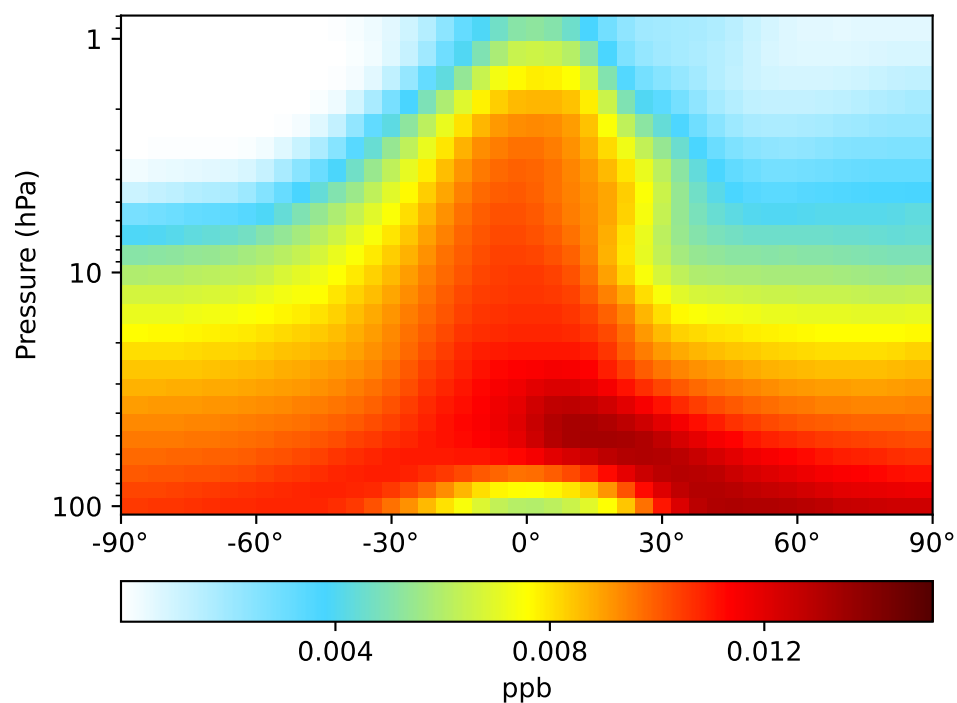


Ratio
Dev/Ref, Fixed Range

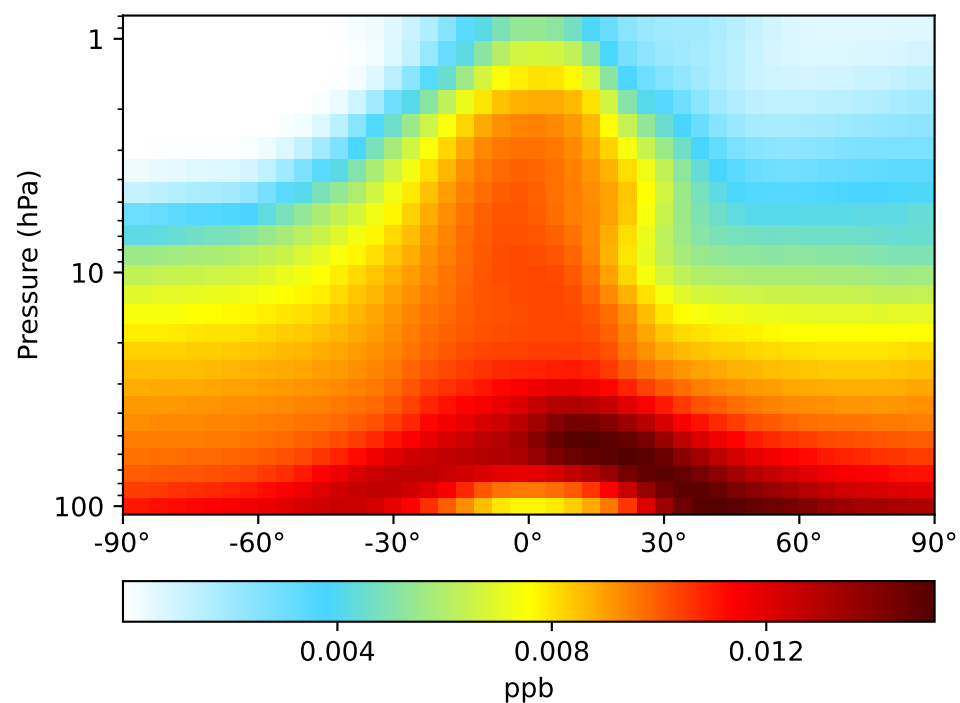


SpeciesConc_PPN, Zonal Mean (Jan2019)

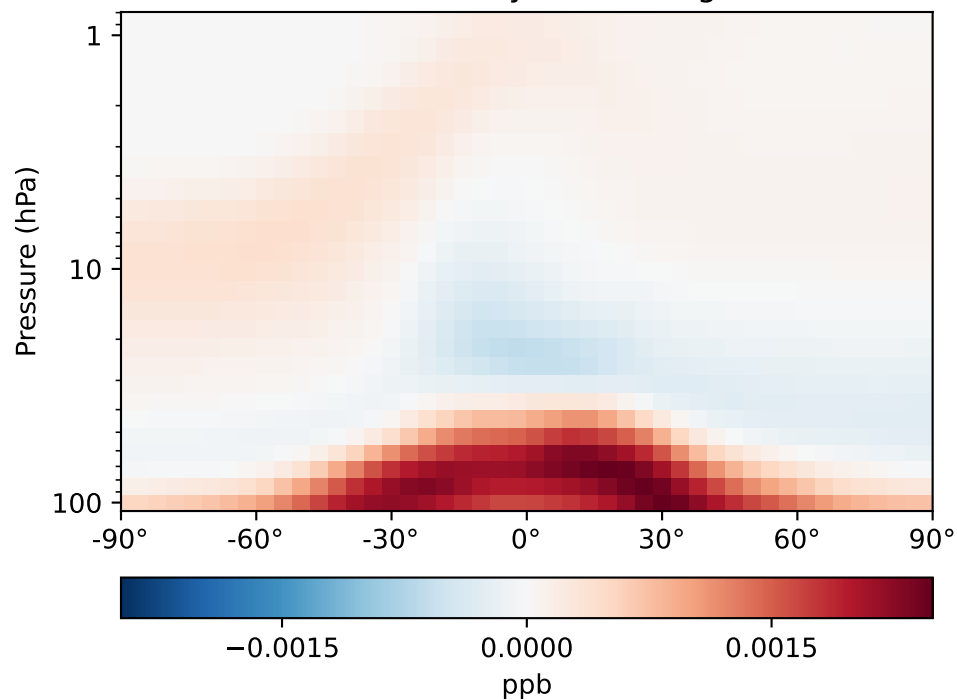
GCC_13.2.0 (Ref)
4.0x5.0



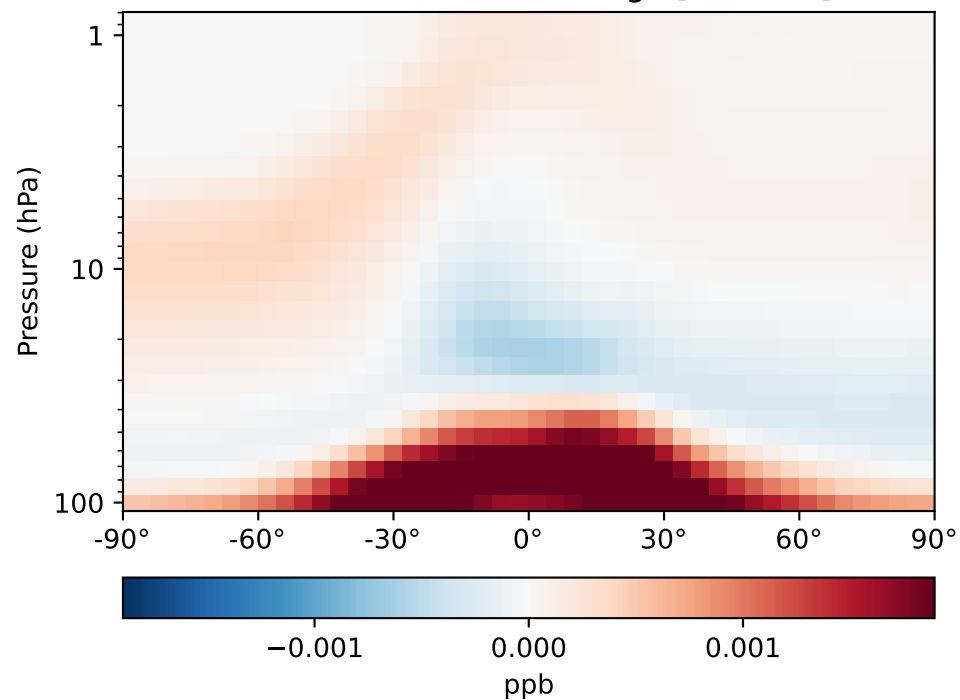
GCC_13.3.0 (Dev)
4.0x5.0



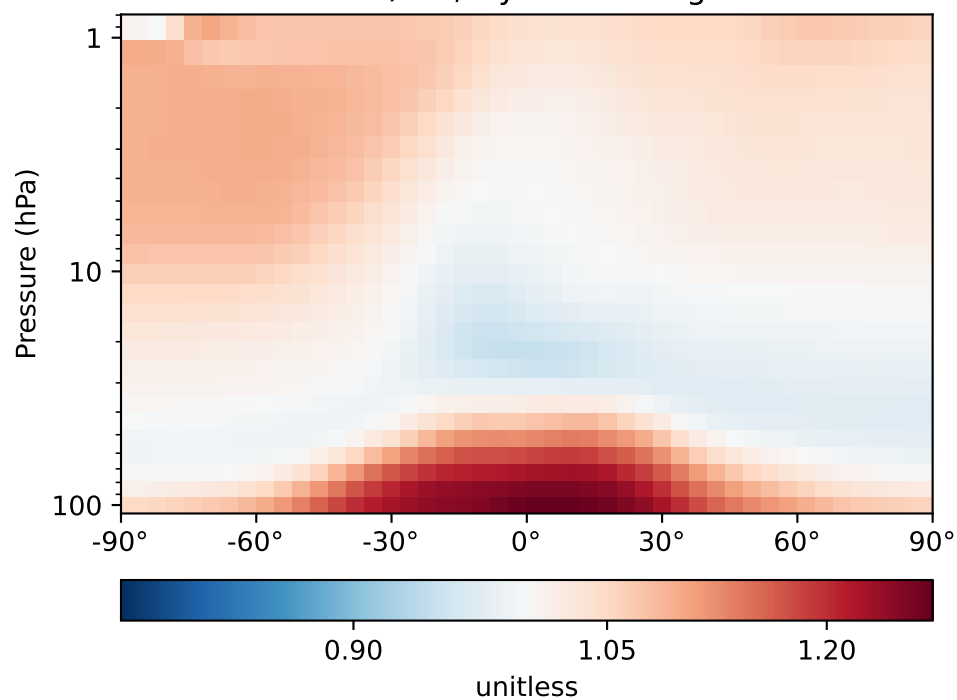
Difference
Dev - Ref, Dynamic Range



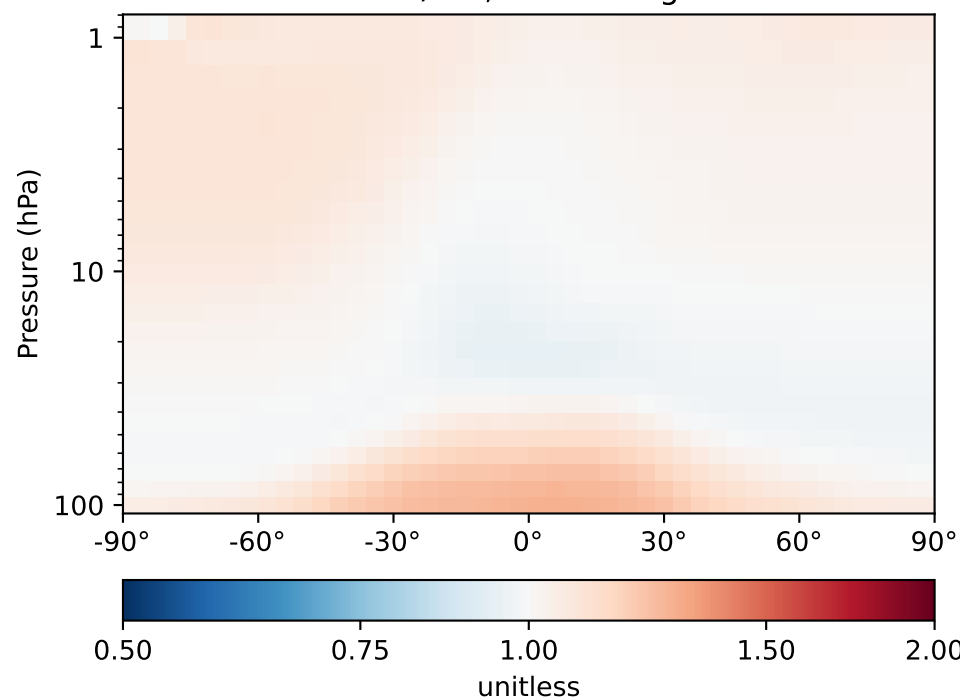
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

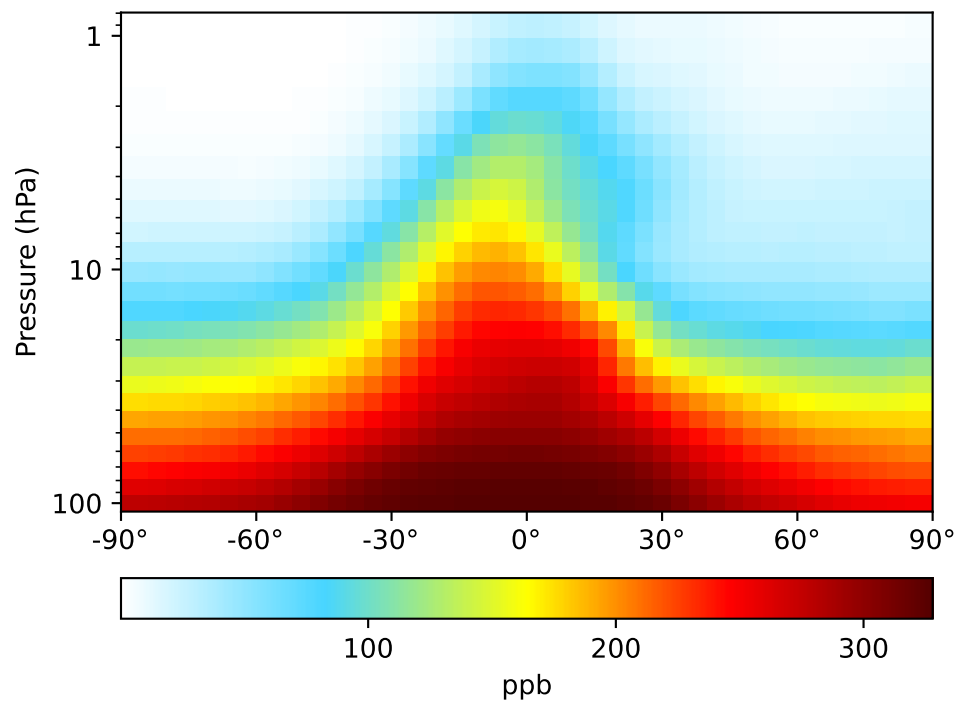


Ratio
Dev/Ref, Fixed Range

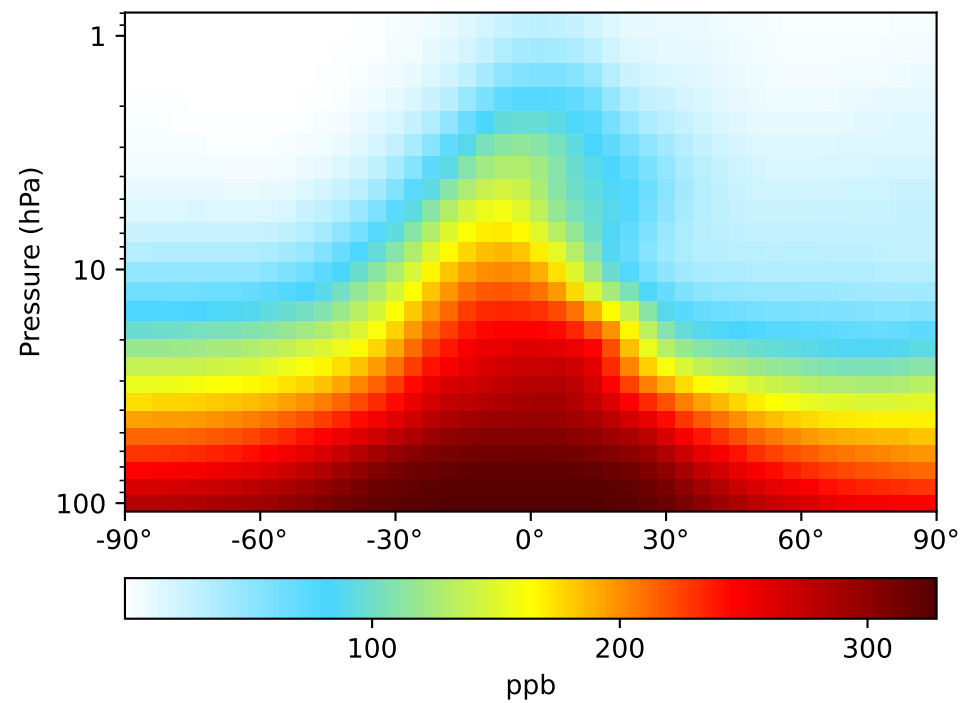


SpeciesConc_N2O, Zonal Mean (Jan2019)

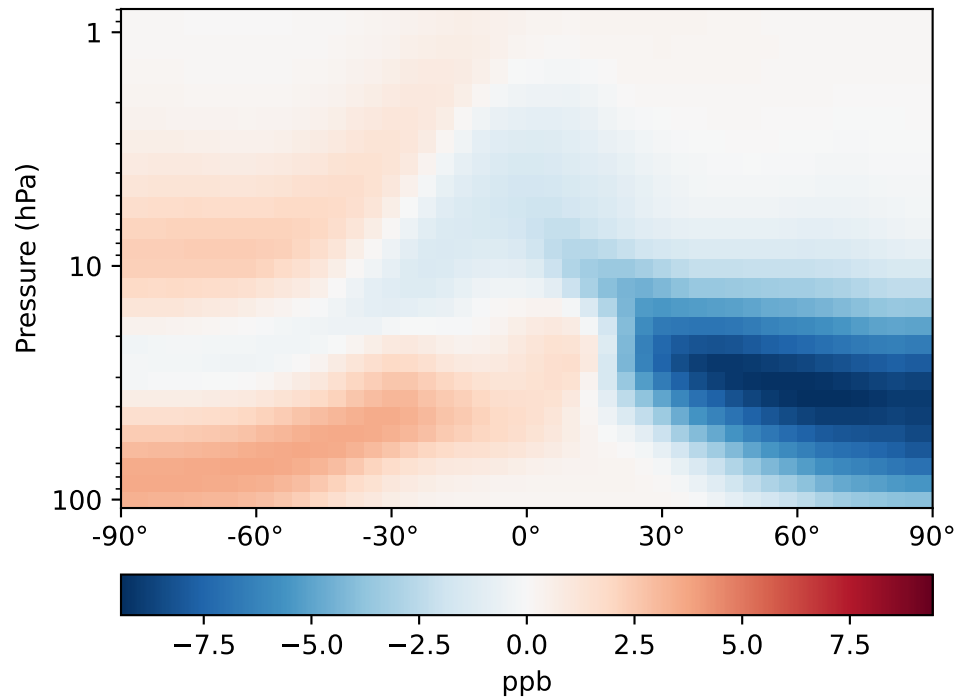
GCC_13.2.0 (Ref)
4.0x5.0



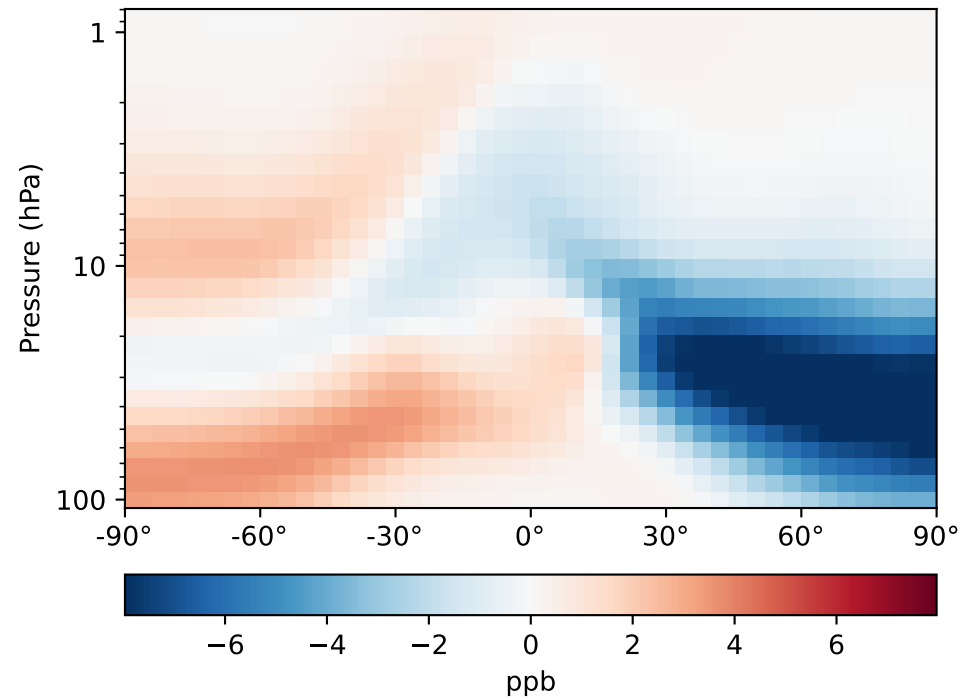
GCC_13.3.0 (Dev)
4.0x5.0



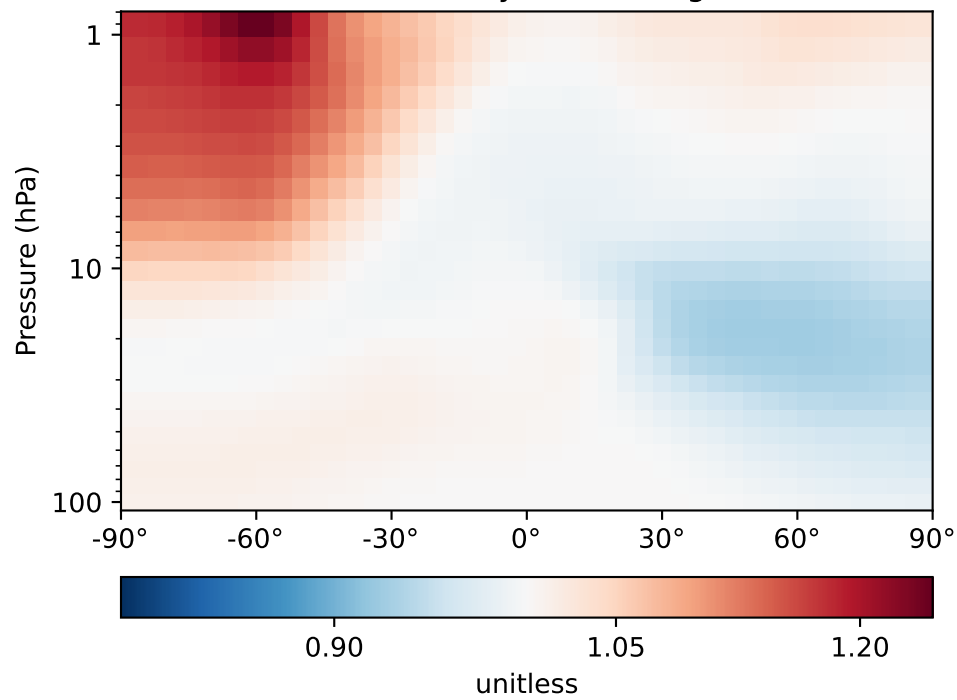
Difference
Dev - Ref, Dynamic Range



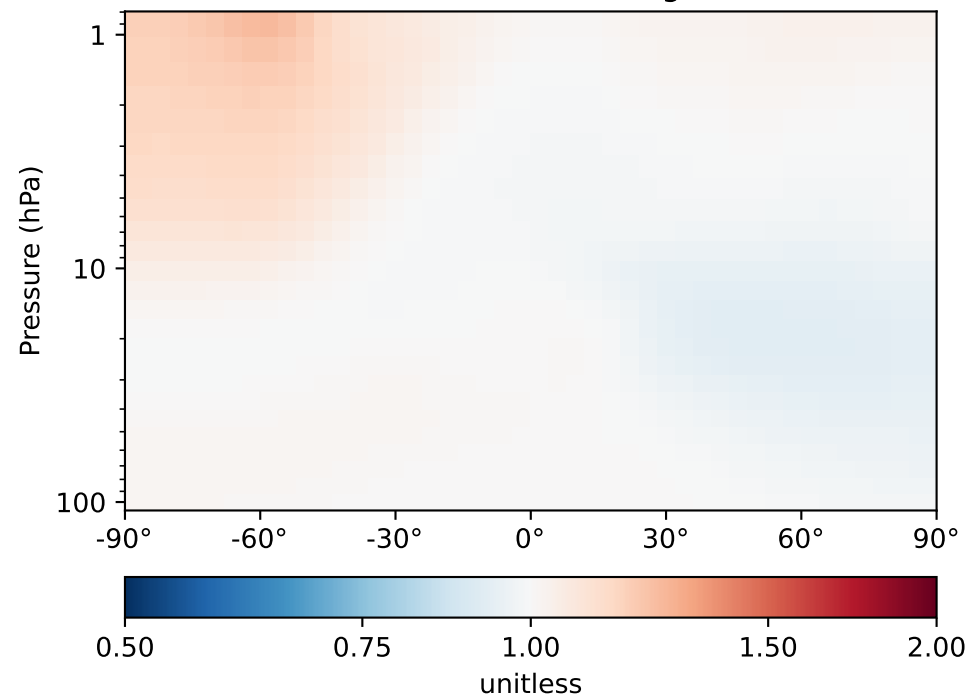
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

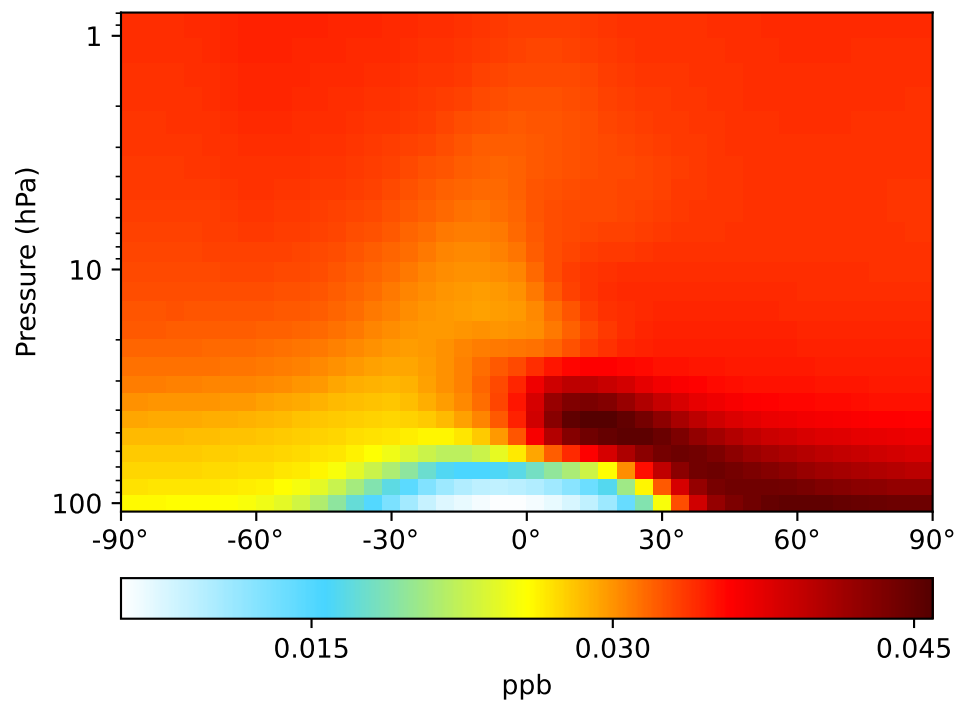


Ratio
Dev/Ref, Fixed Range

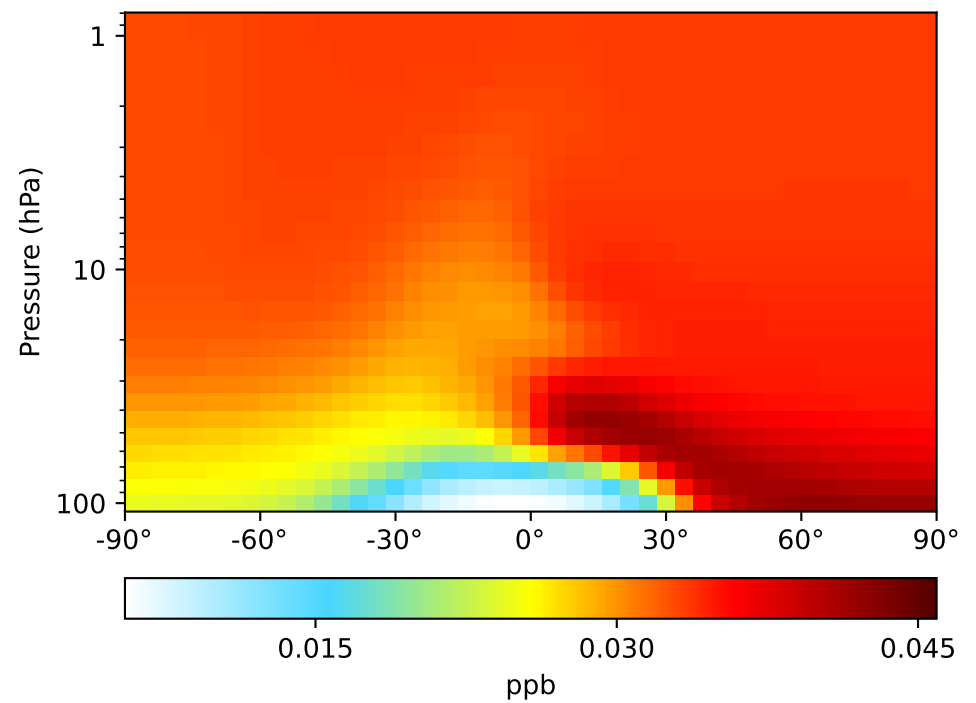


SpeciesConc_NHx, Zonal Mean (Jan2019)

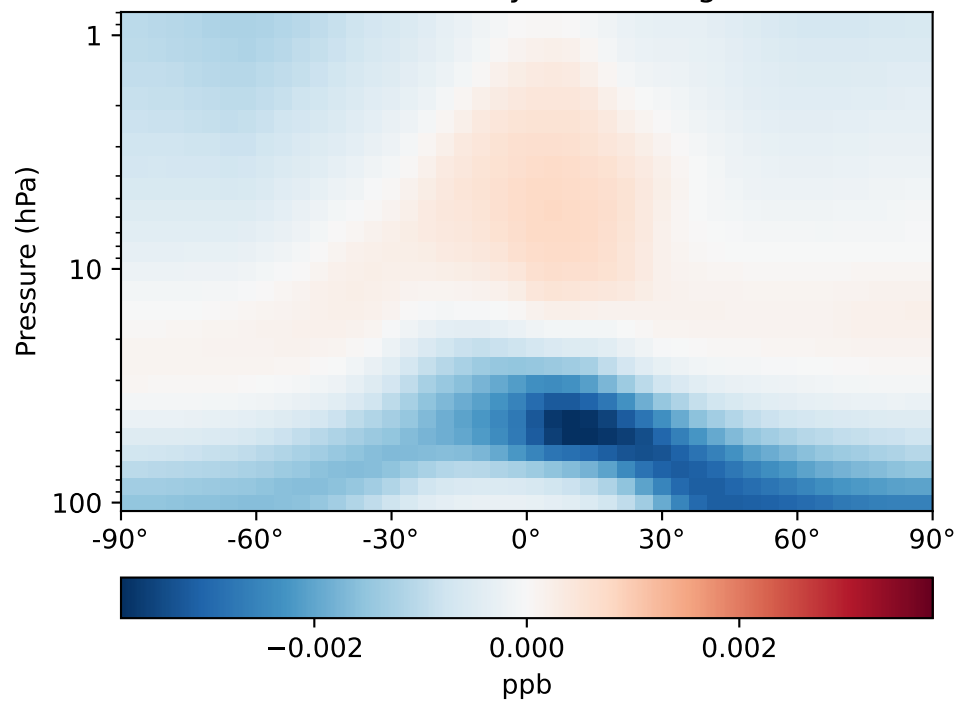
GCC_13.2.0 (Ref)
4.0x5.0



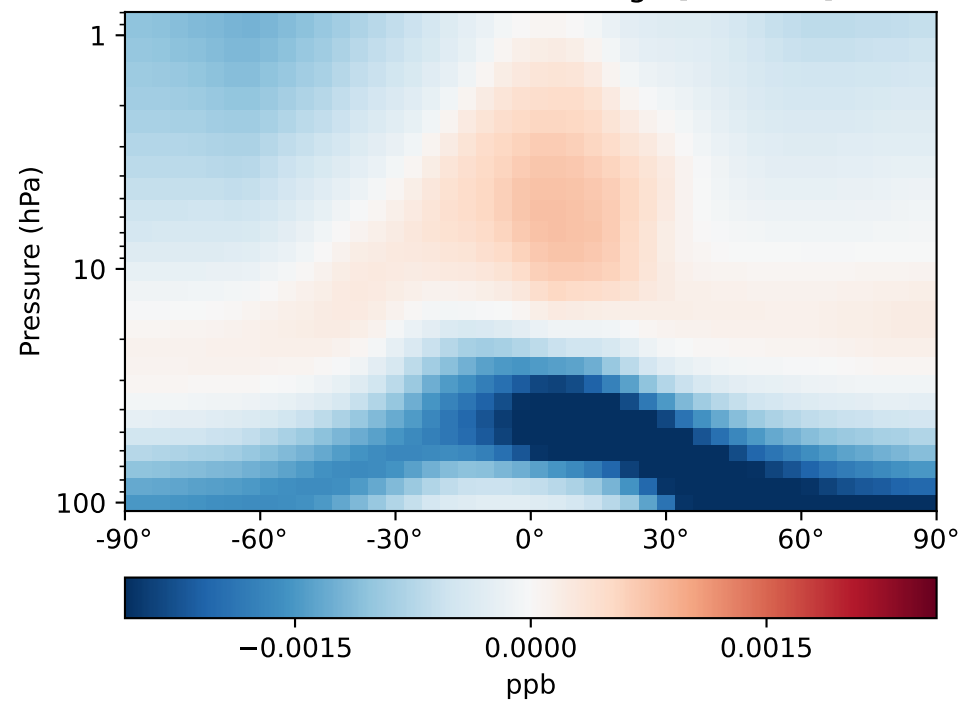
GCC_13.3.0 (Dev)
4.0x5.0



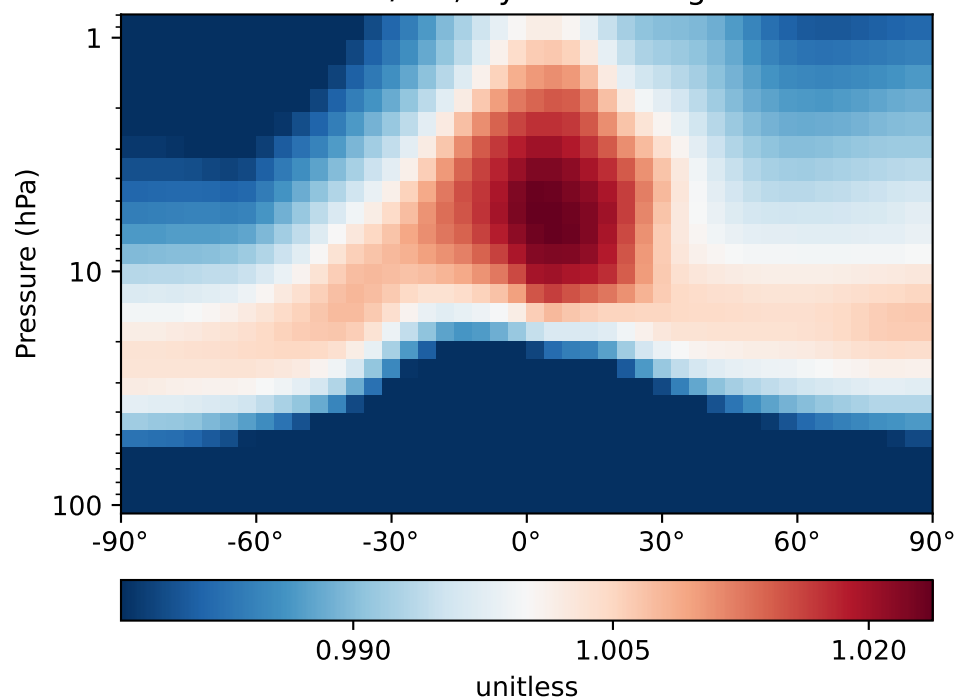
Difference
Dev - Ref, Dynamic Range



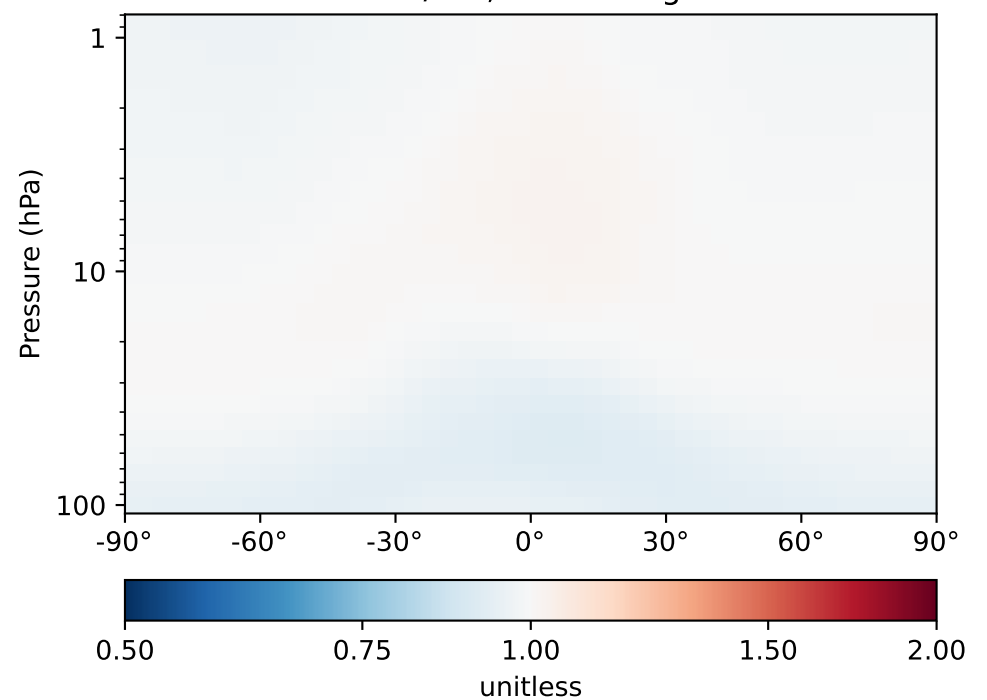
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

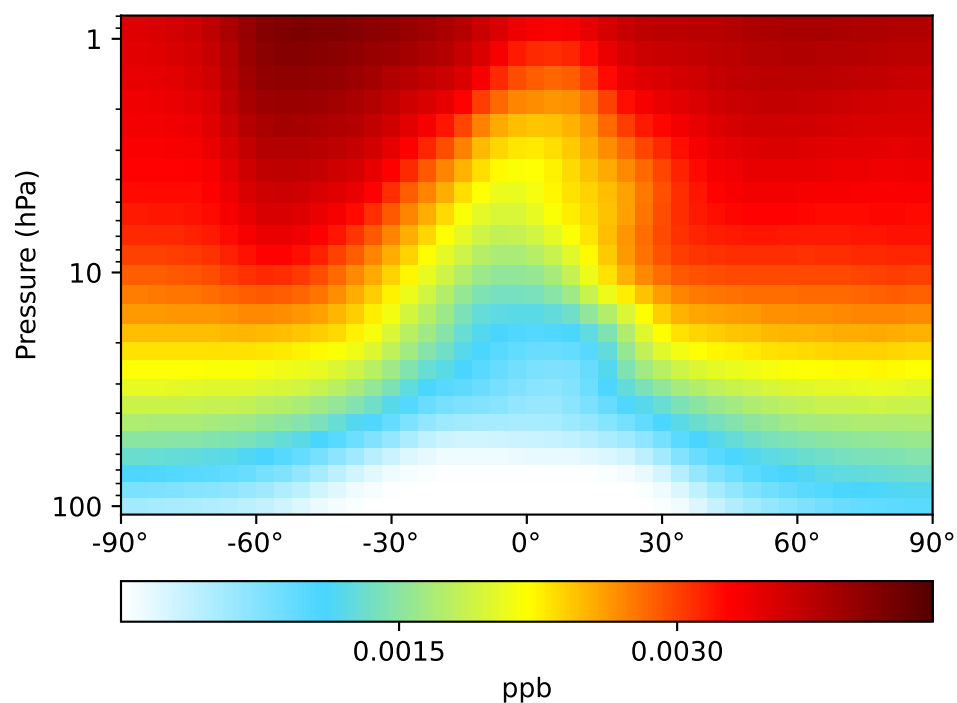


Ratio
Dev/Ref, Fixed Range

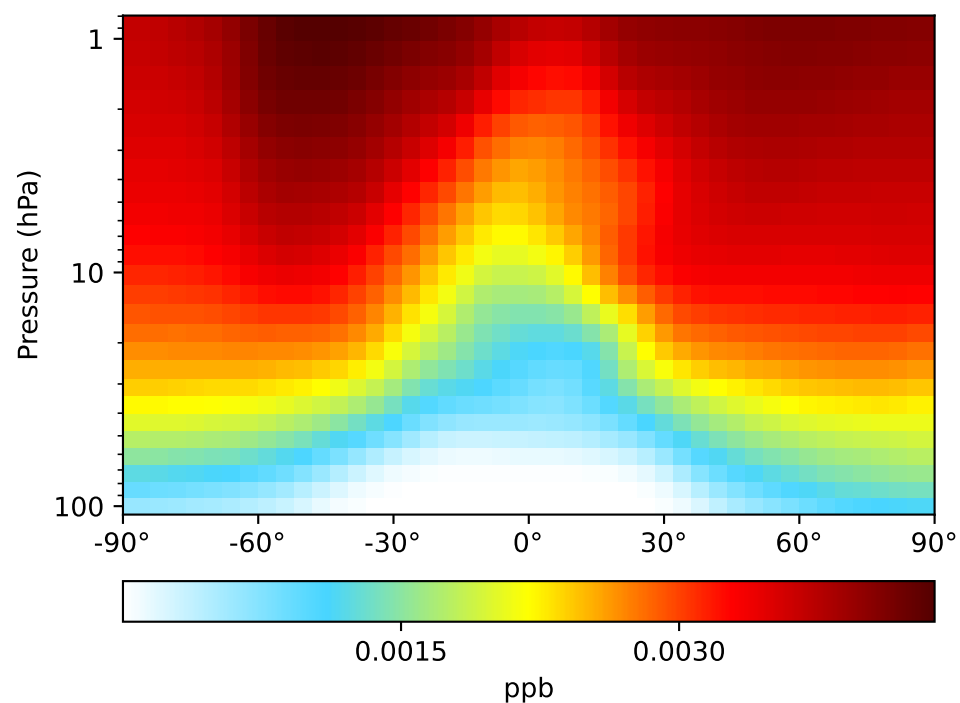


SpeciesConc_NH3, Zonal Mean (Jan2019)

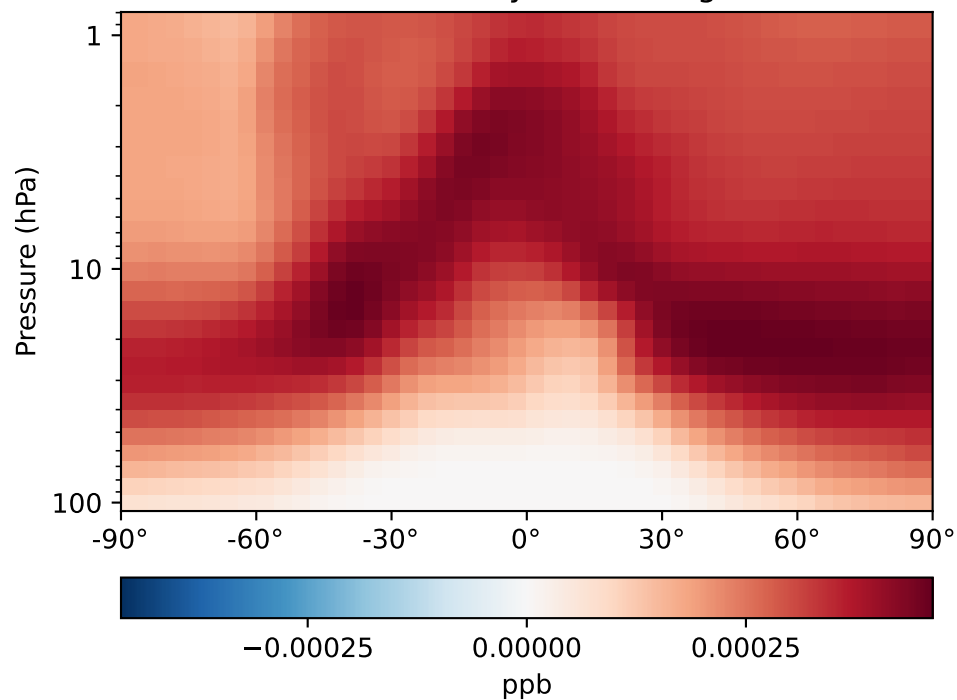
GCC_13.2.0 (Ref)
4.0x5.0



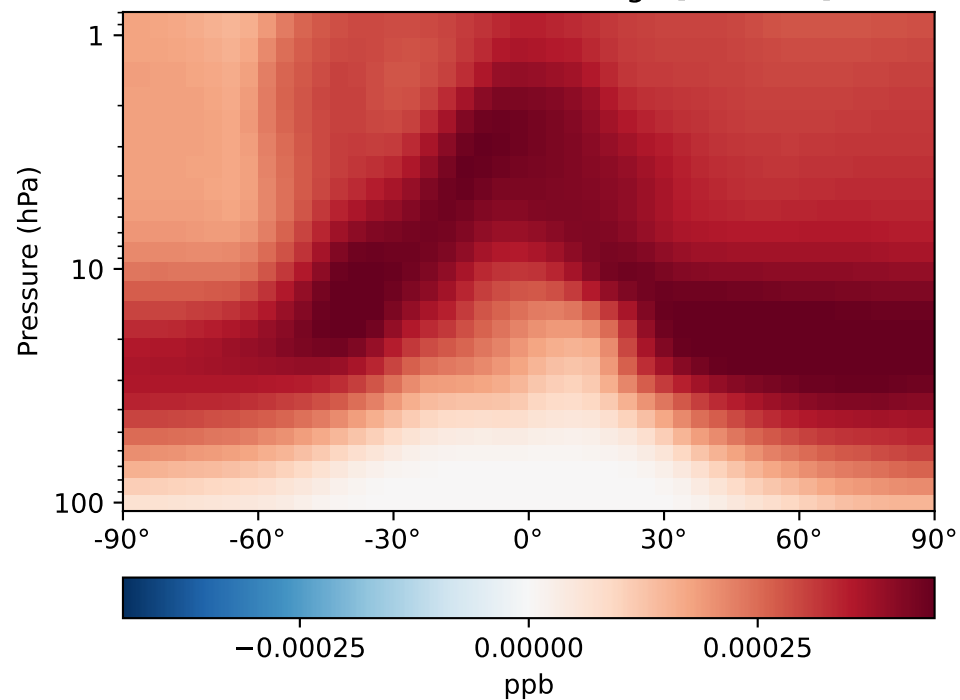
GCC_13.3.0 (Dev)
4.0x5.0



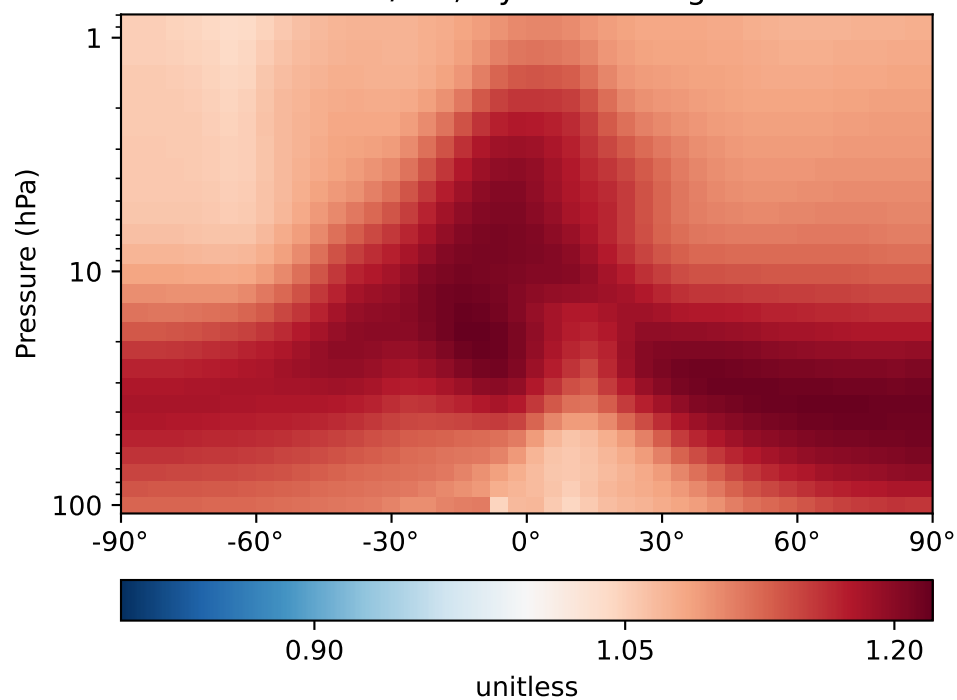
Difference
Dev - Ref, Dynamic Range



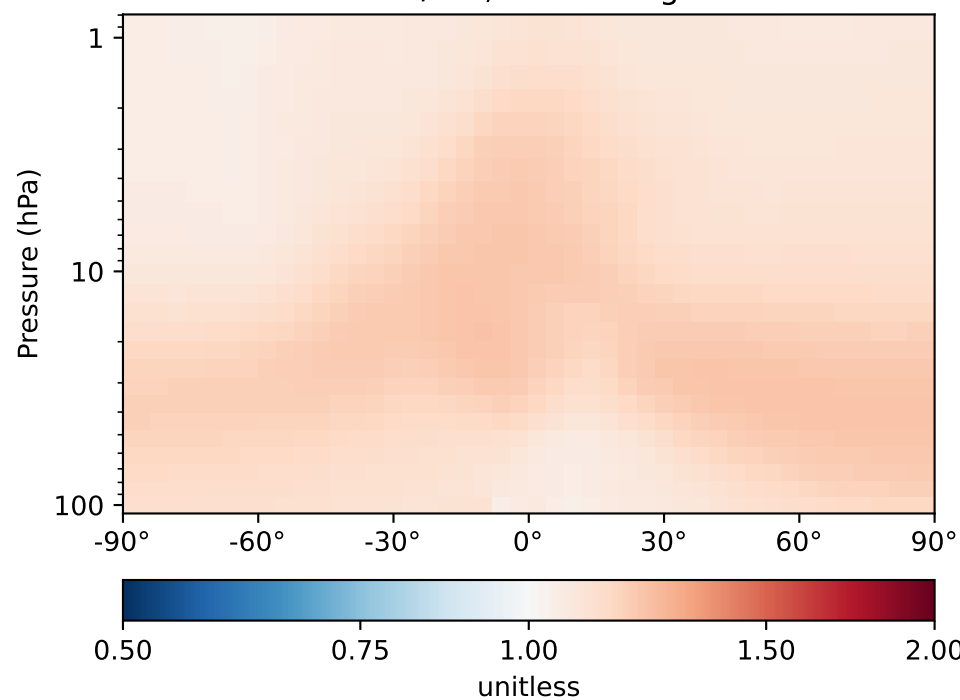
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

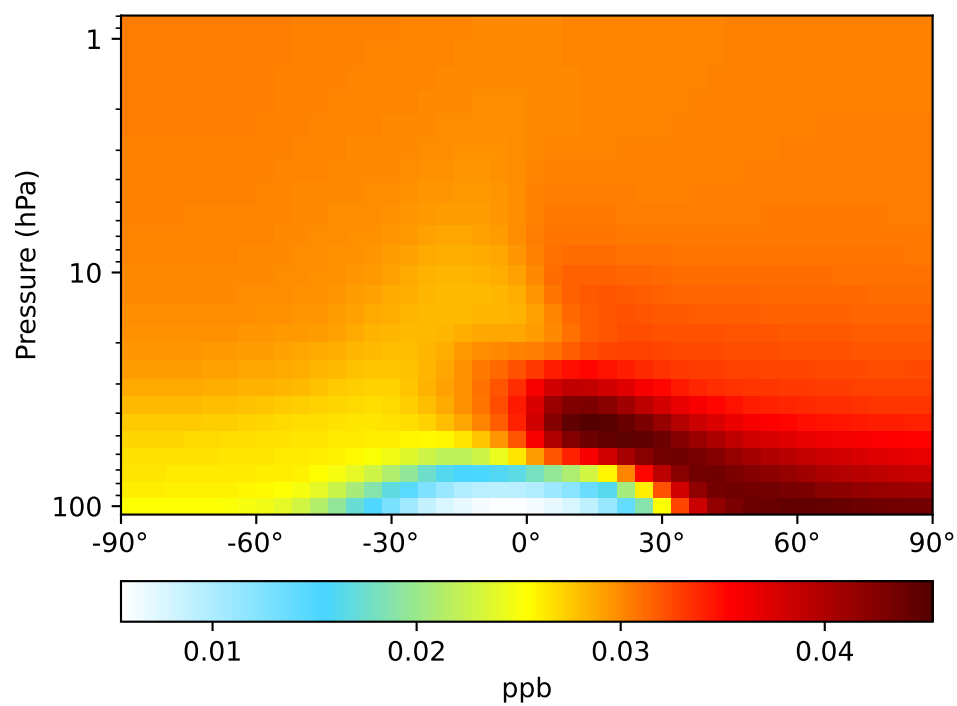


Ratio
Dev/Ref, Fixed Range

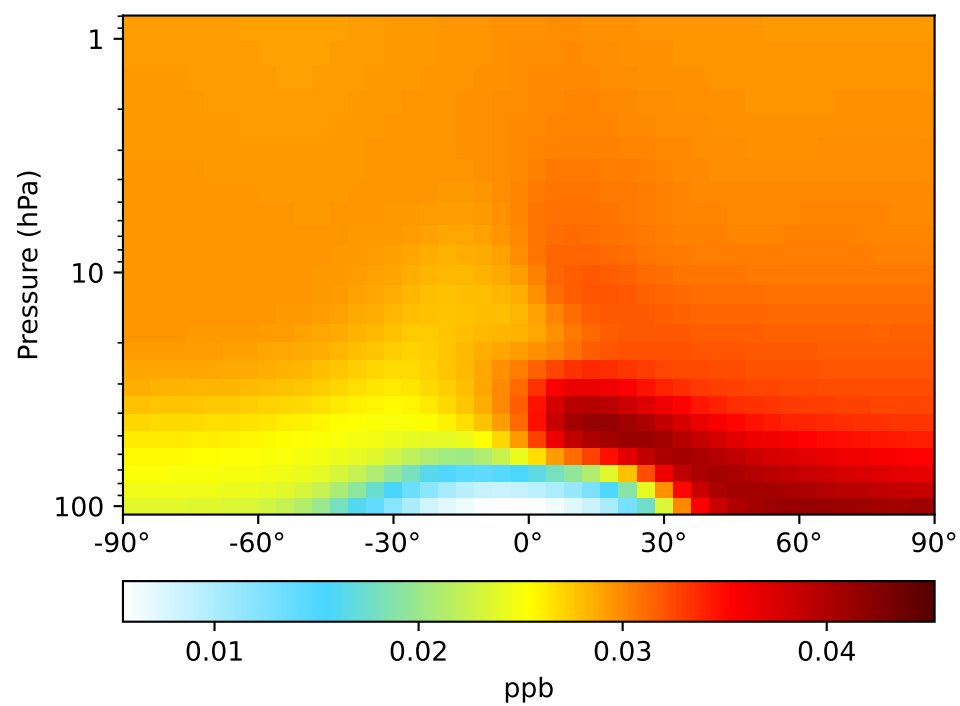


SpeciesConc_NH4, Zonal Mean (Jan2019)

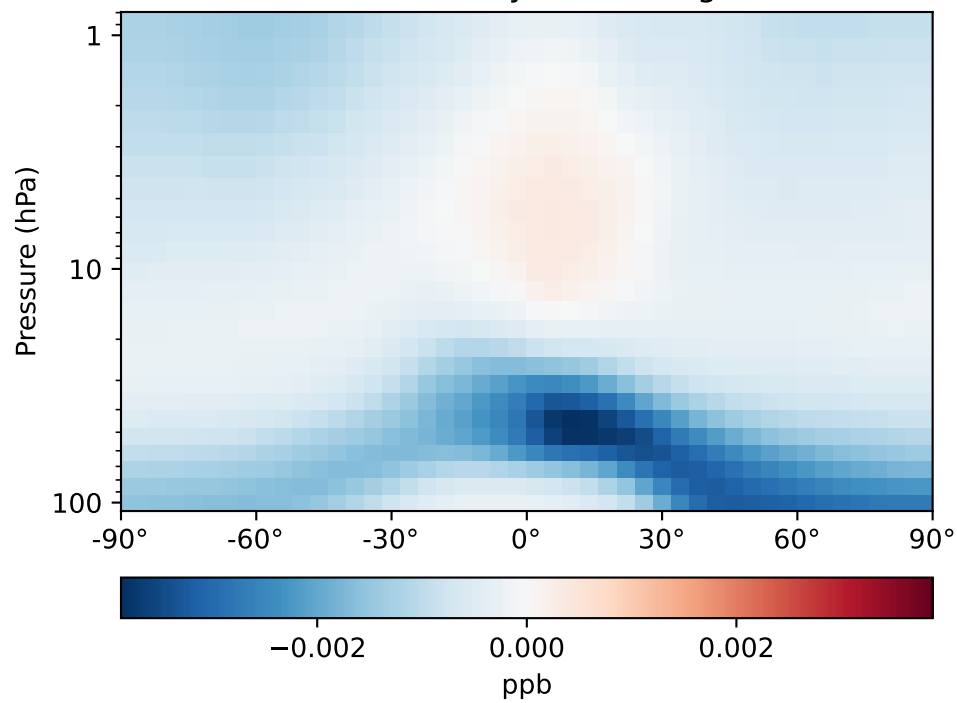
GCC_13.2.0 (Ref)
4.0x5.0



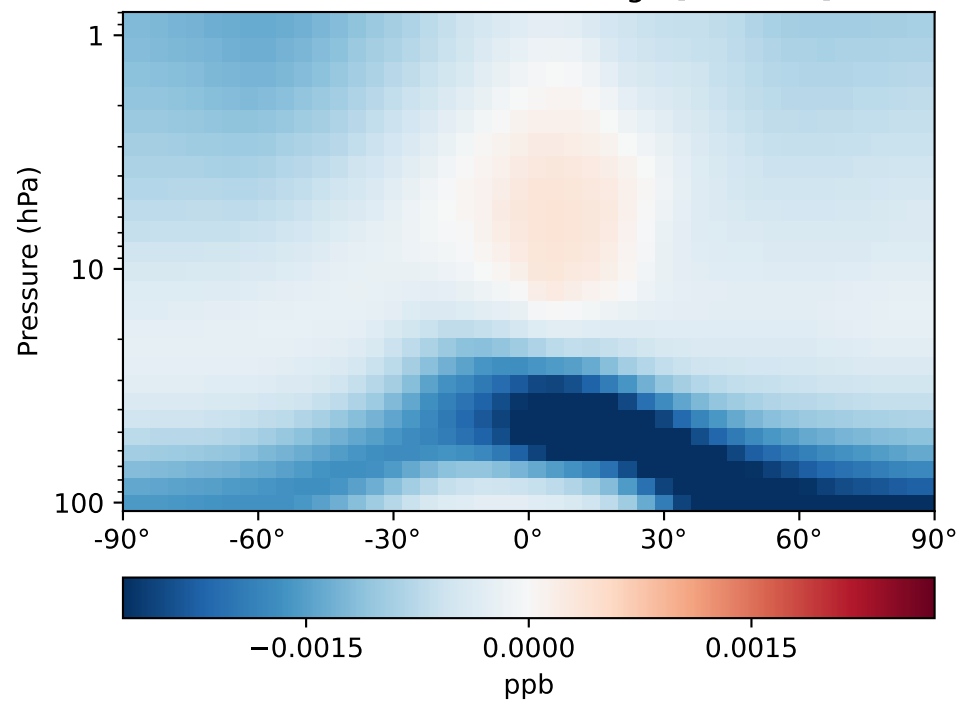
GCC_13.3.0 (Dev)
4.0x5.0



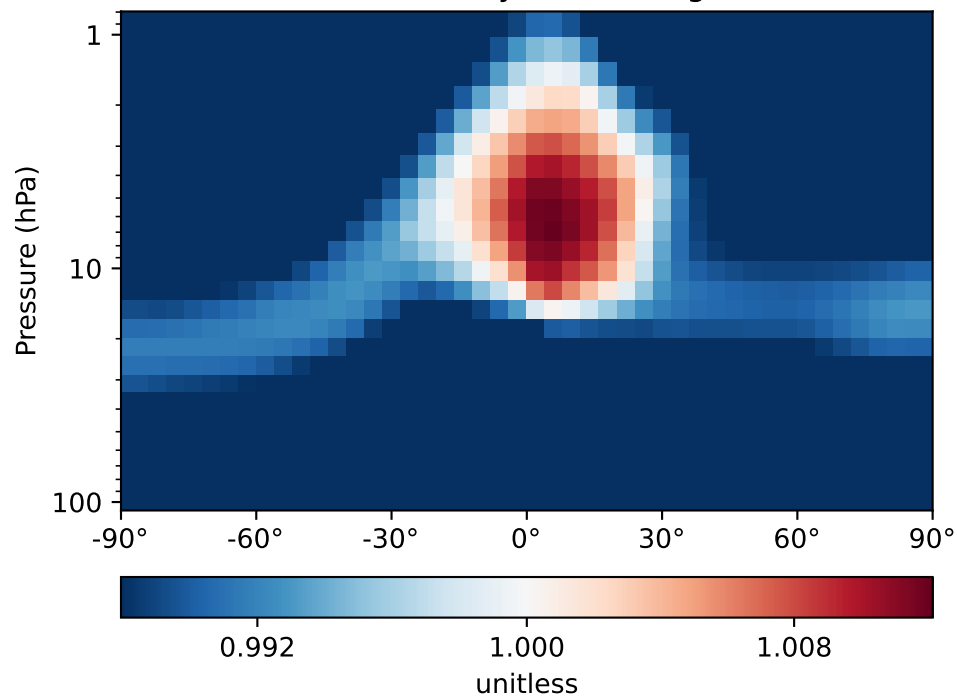
Difference
Dev - Ref, Dynamic Range



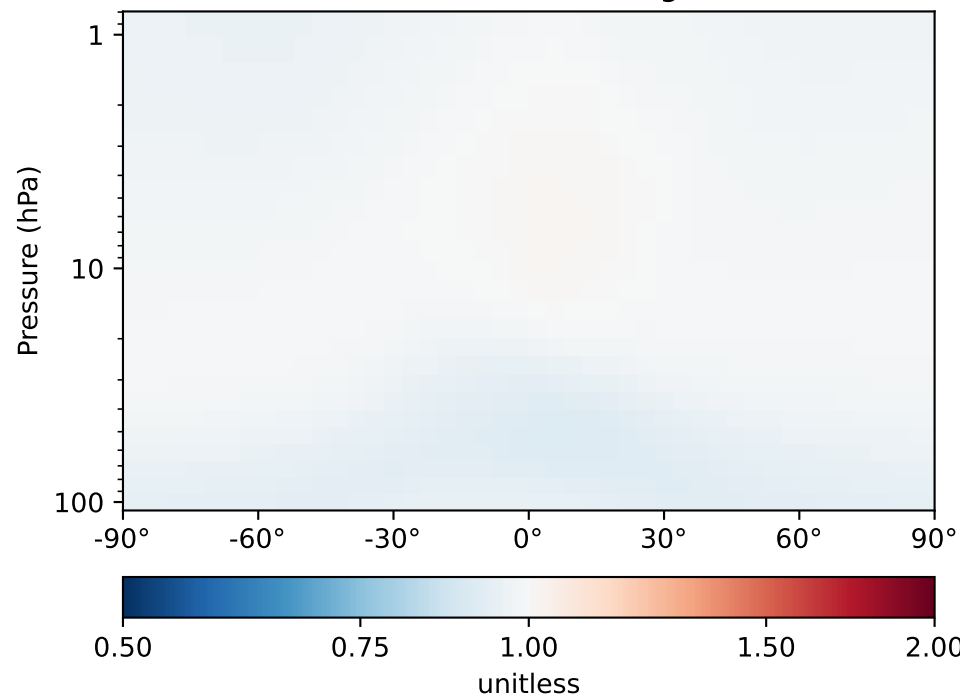
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

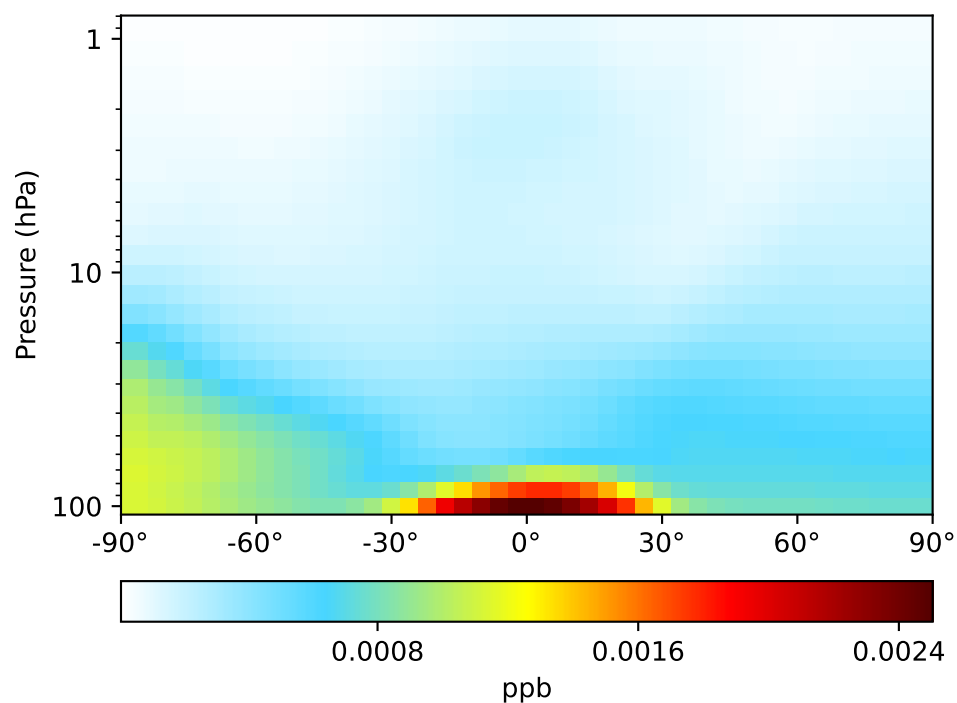


Ratio
Dev/Ref, Fixed Range

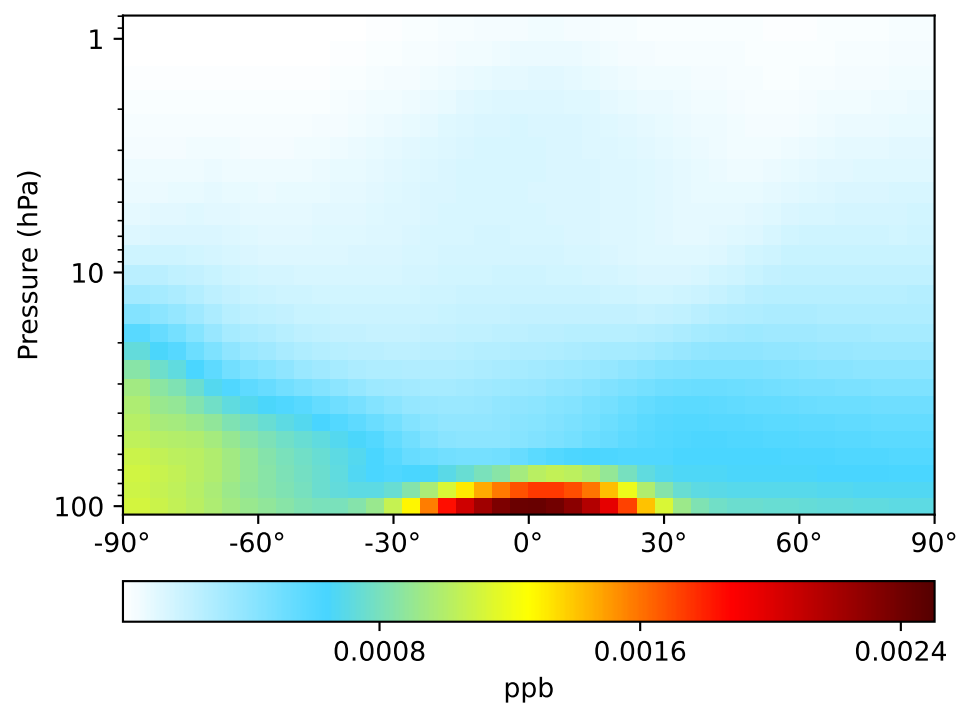


SpeciesConc_MEN03, Zonal Mean (Jan2019)

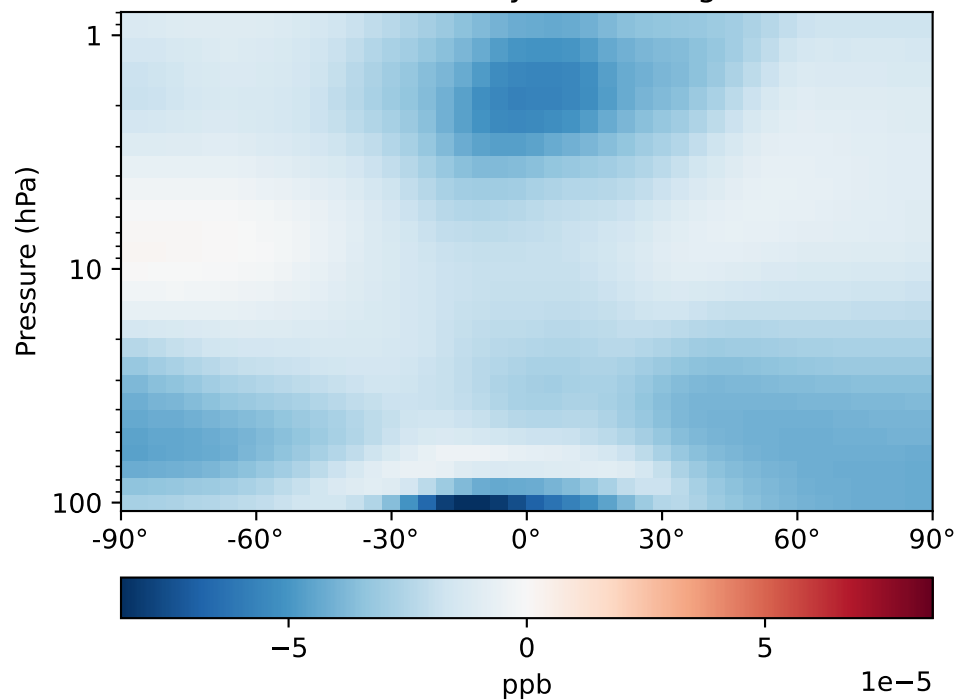
GCC_13.2.0 (Ref)
4.0x5.0



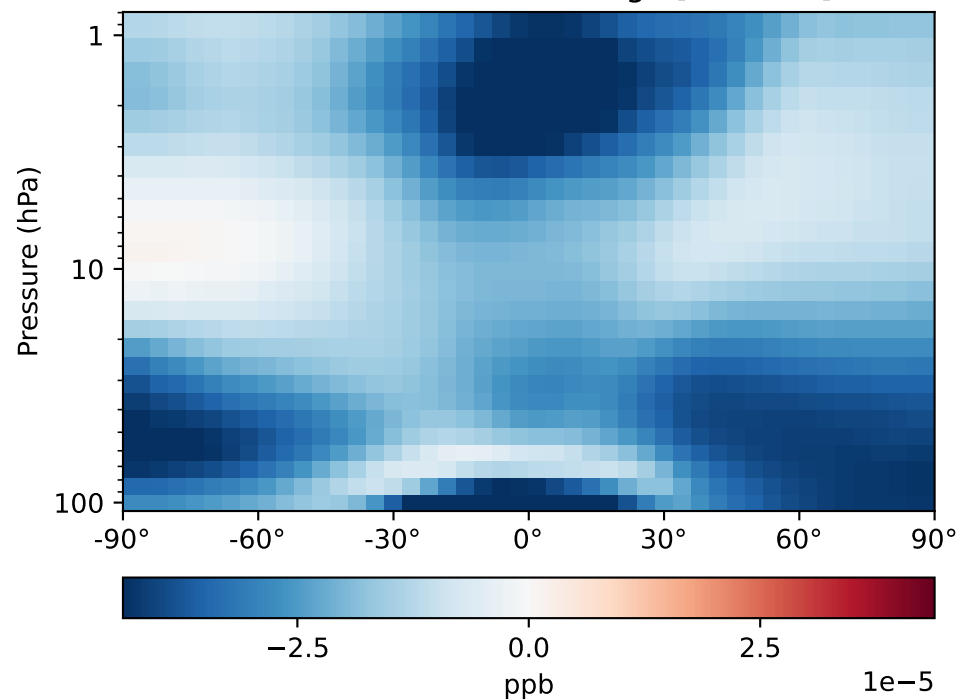
GCC_13.3.0 (Dev)
4.0x5.0



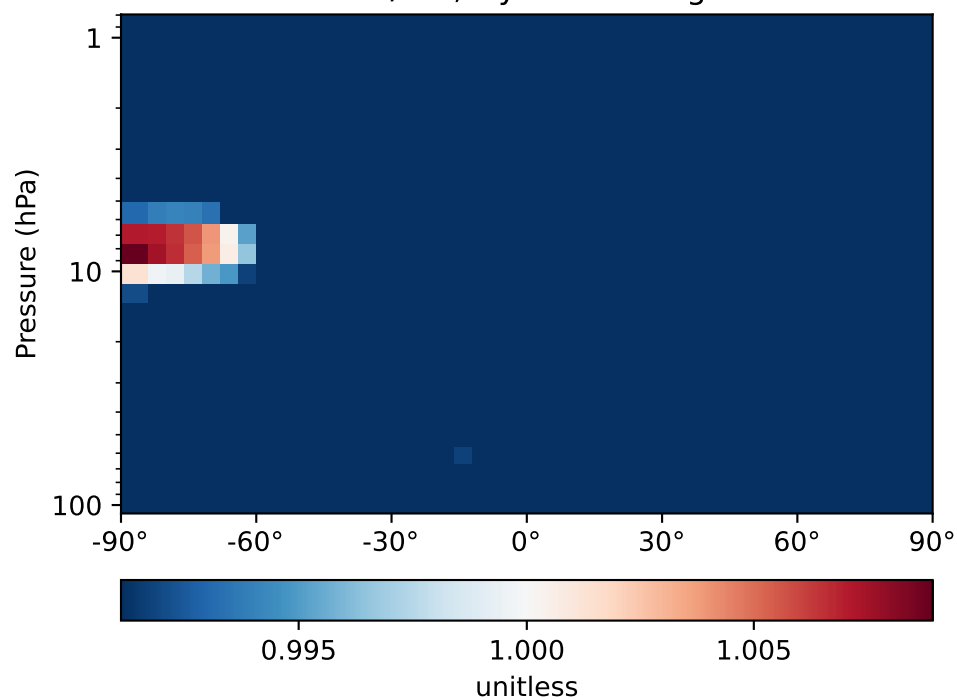
Difference
Dev - Ref, Dynamic Range



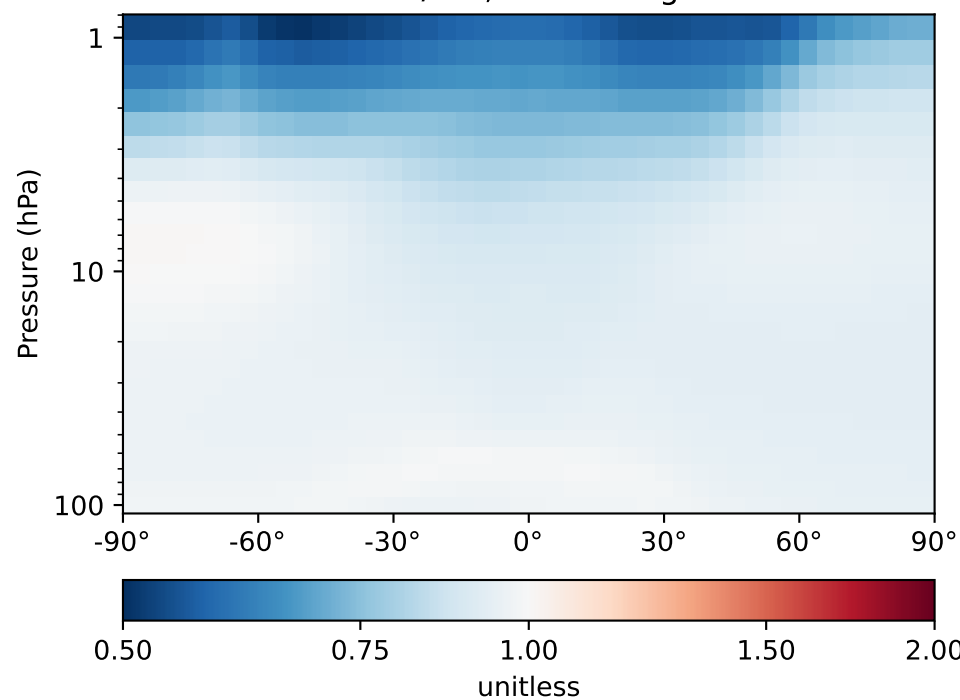
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

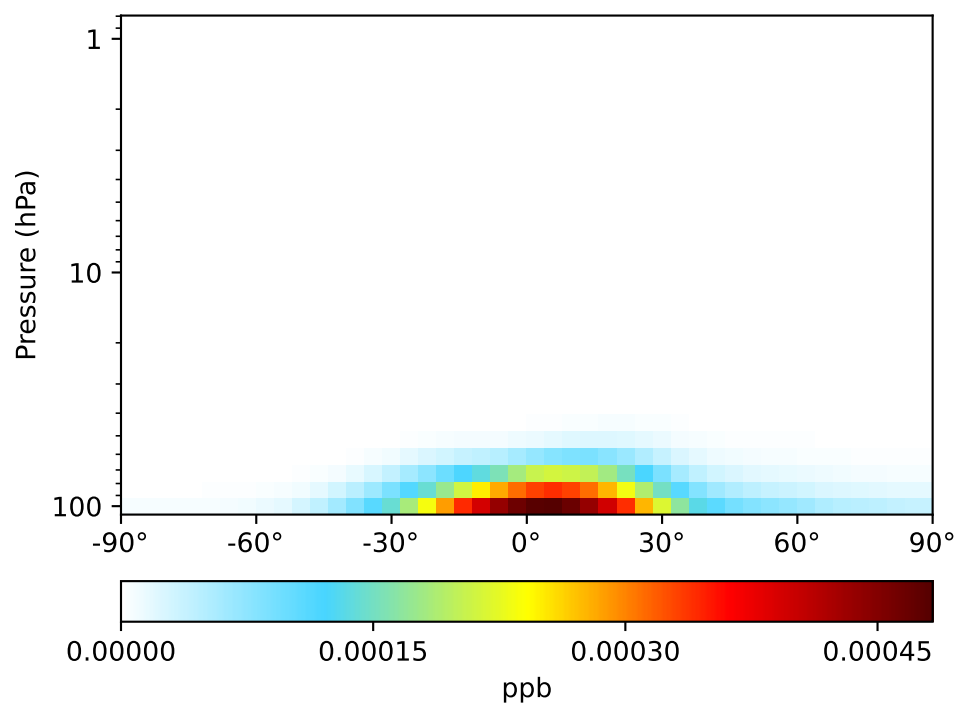


Ratio
Dev/Ref, Fixed Range

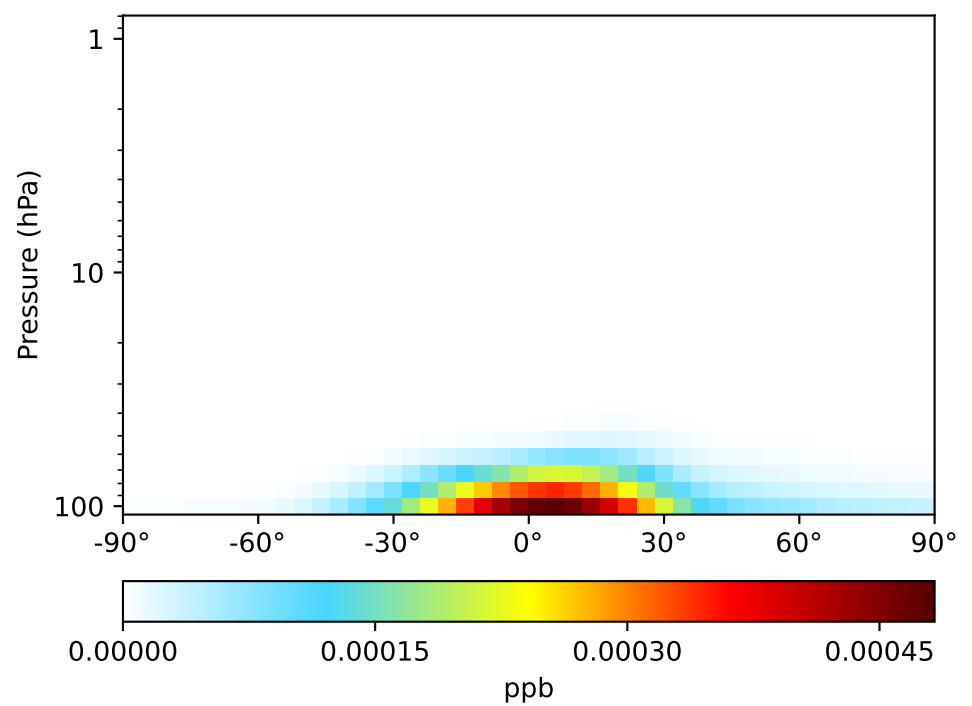


SpeciesConc_ETNO3, Zonal Mean (Jan2019)

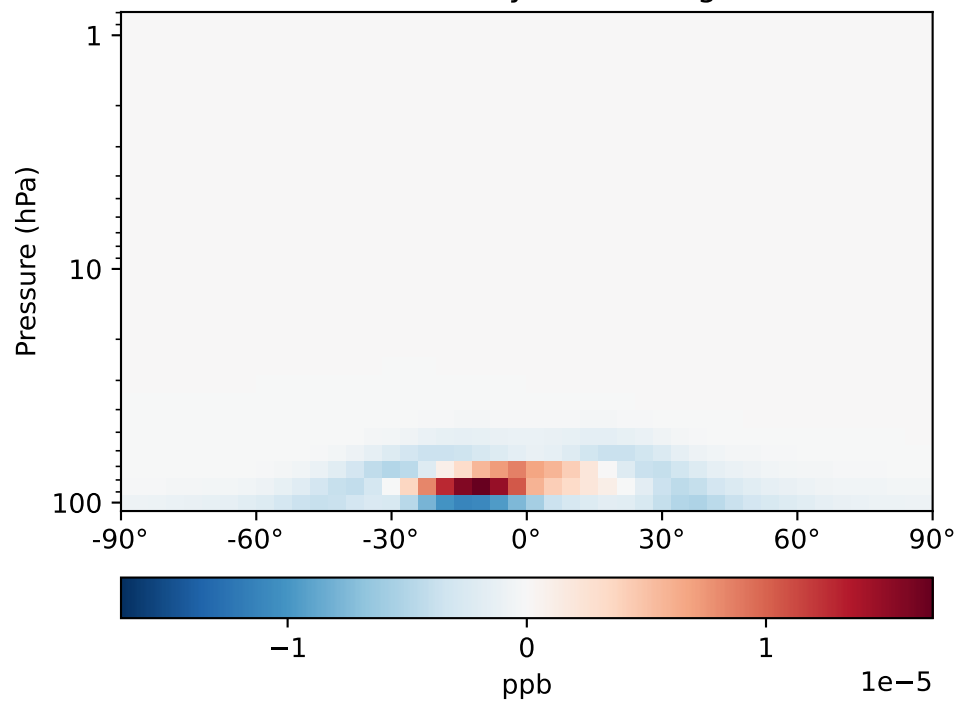
GCC_13.2.0 (Ref)
4.0x5.0



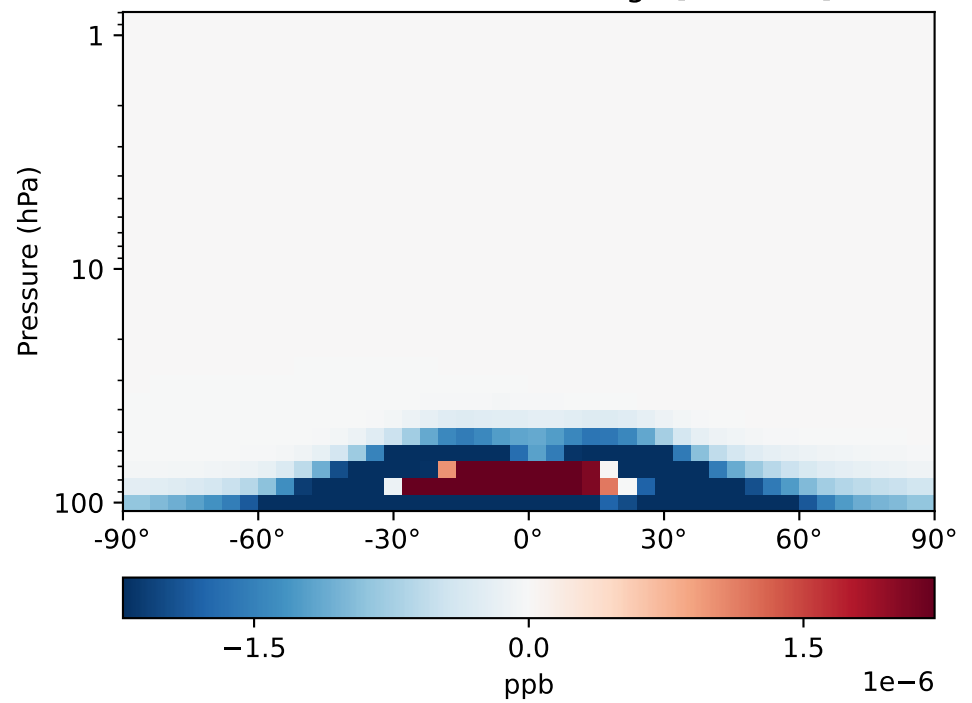
GCC_13.3.0 (Dev)
4.0x5.0



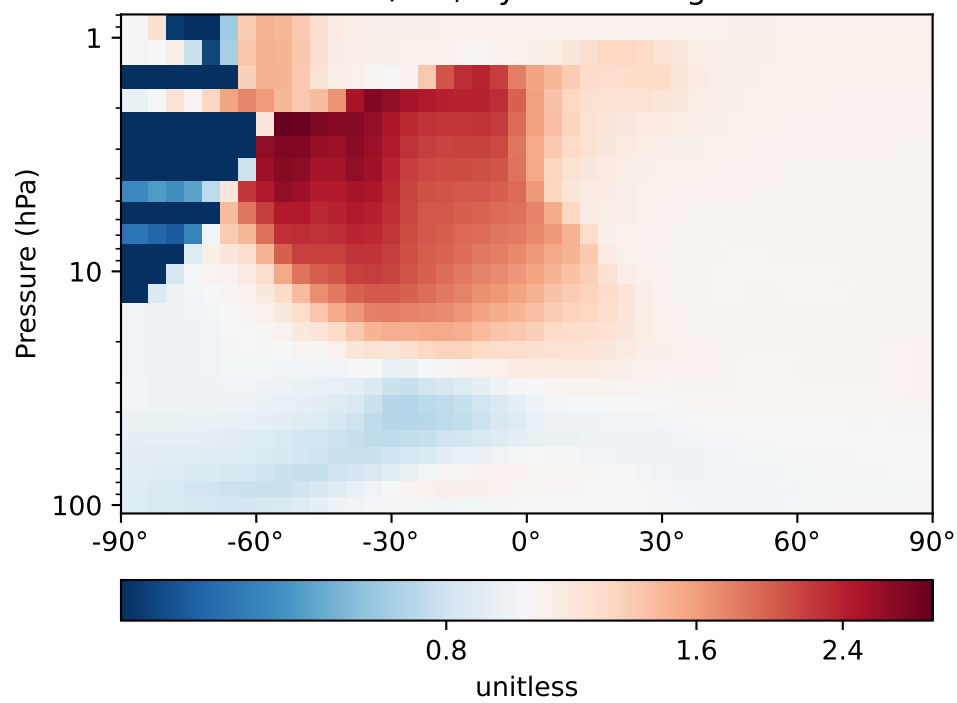
Difference
Dev - Ref, Dynamic Range



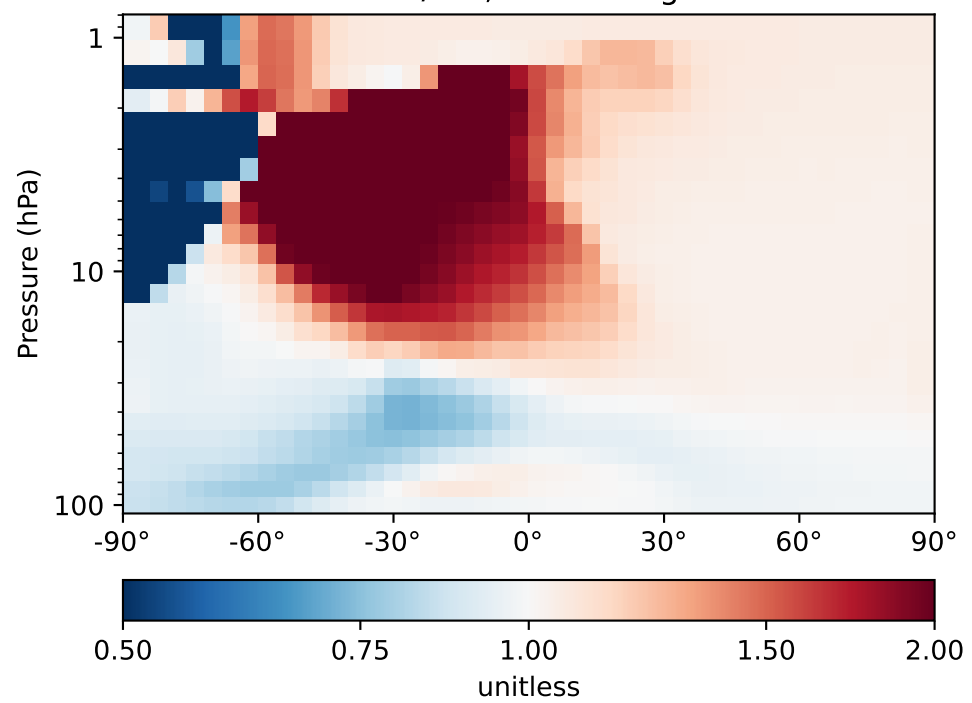
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

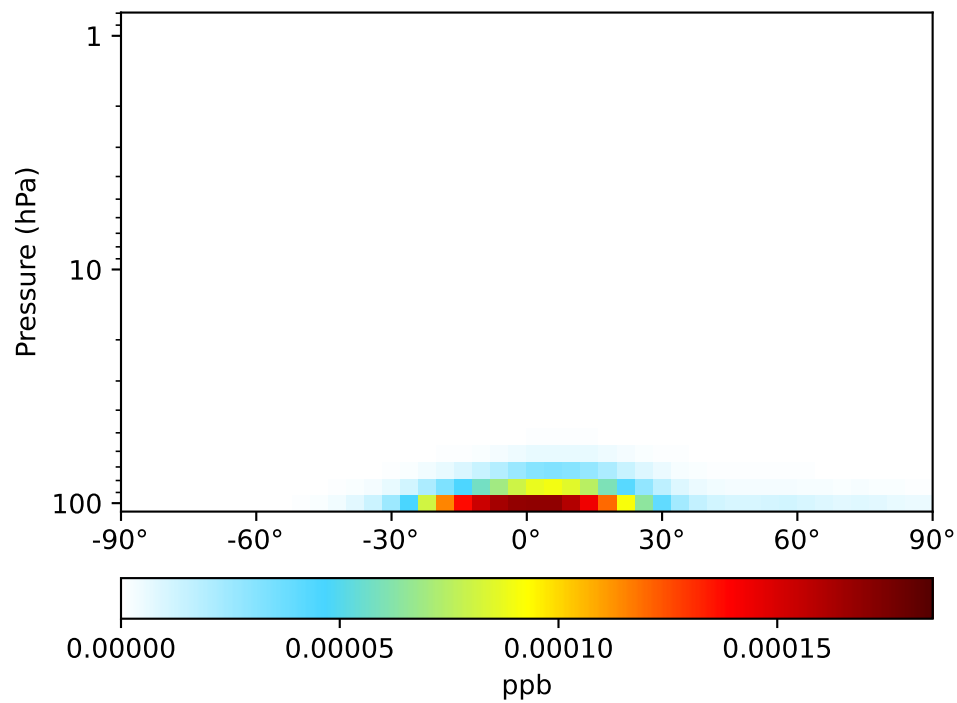


Ratio
Dev/Ref, Fixed Range

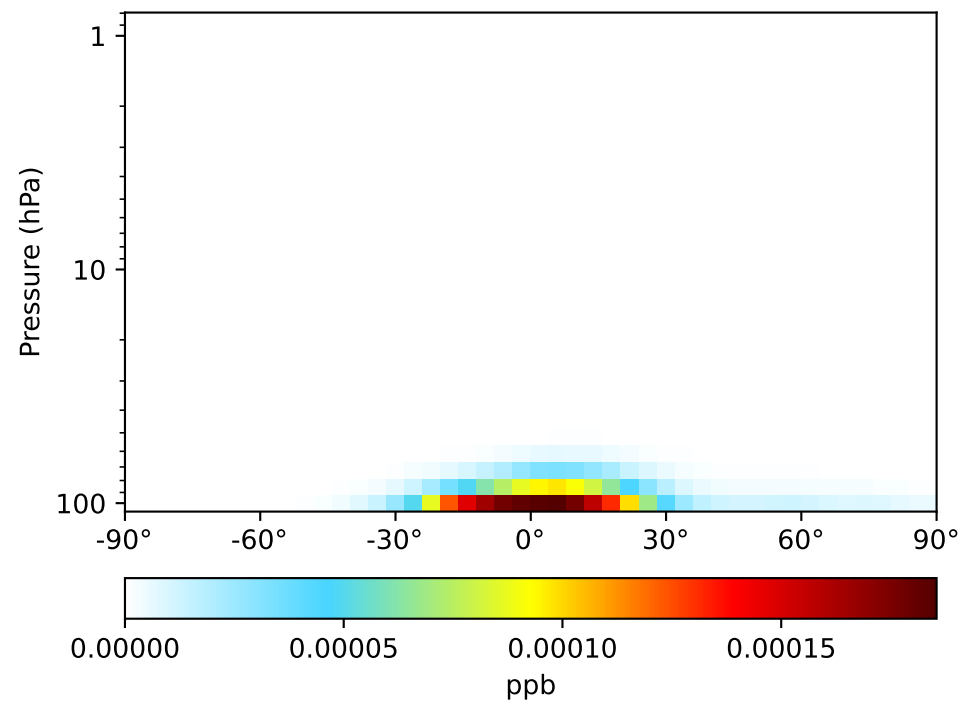


SpeciesConc_IPRNO3, Zonal Mean (Jan2019)

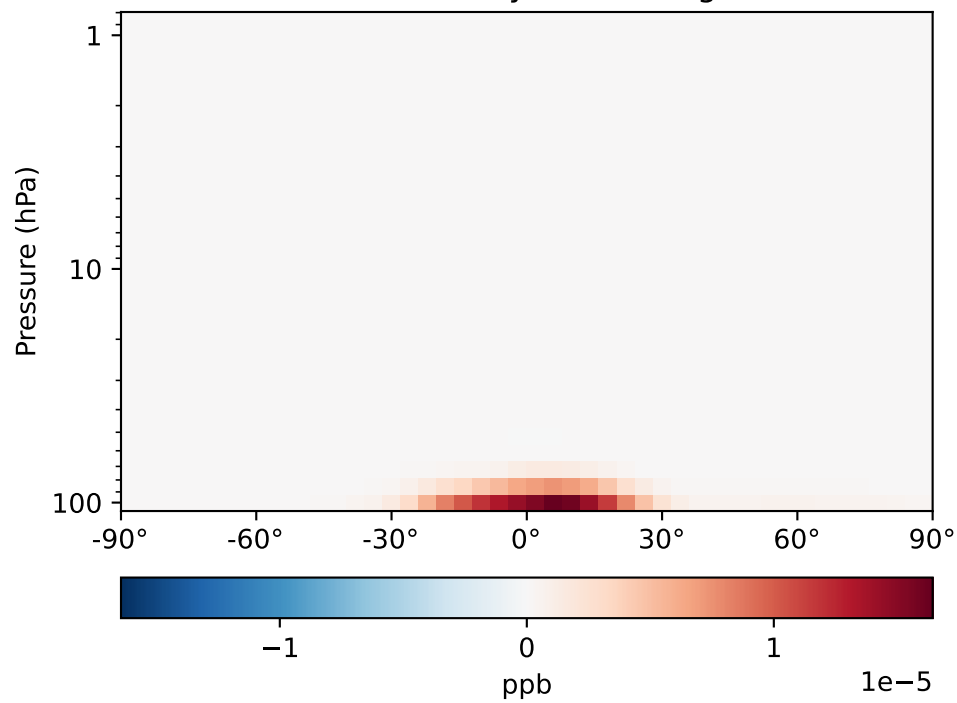
GCC_13.2.0 (Ref)
4.0x5.0



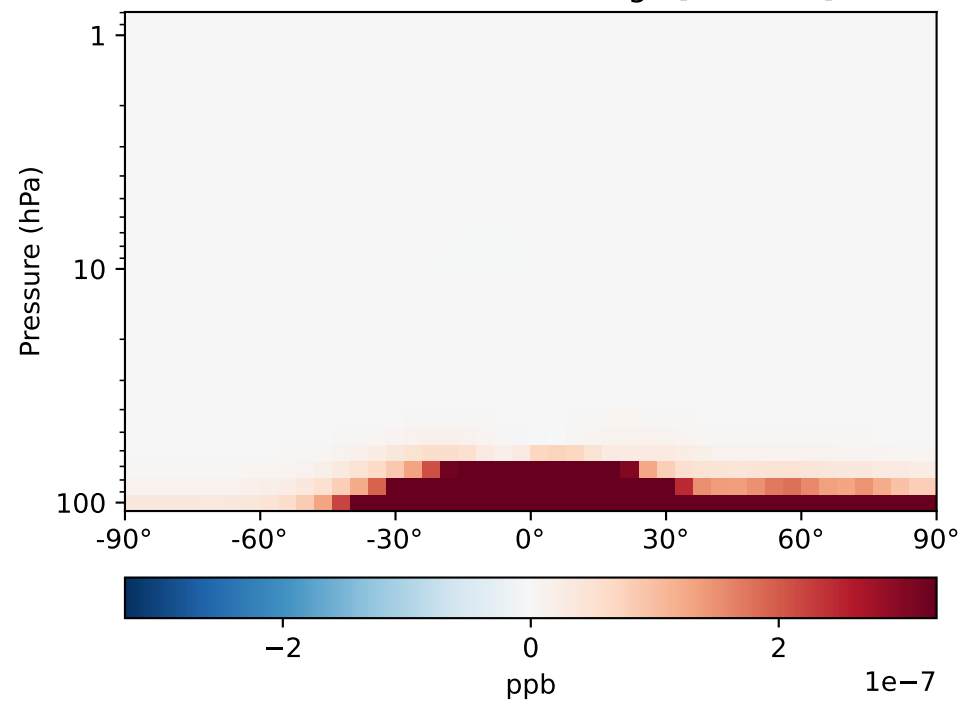
GCC_13.3.0 (Dev)
4.0x5.0



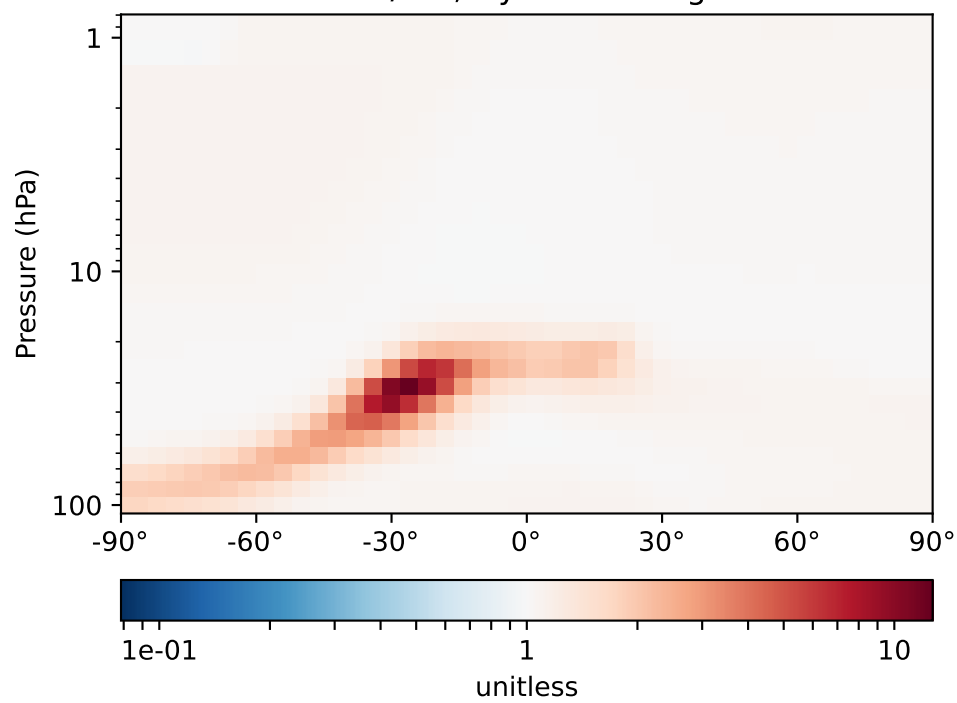
Difference
Dev - Ref, Dynamic Range



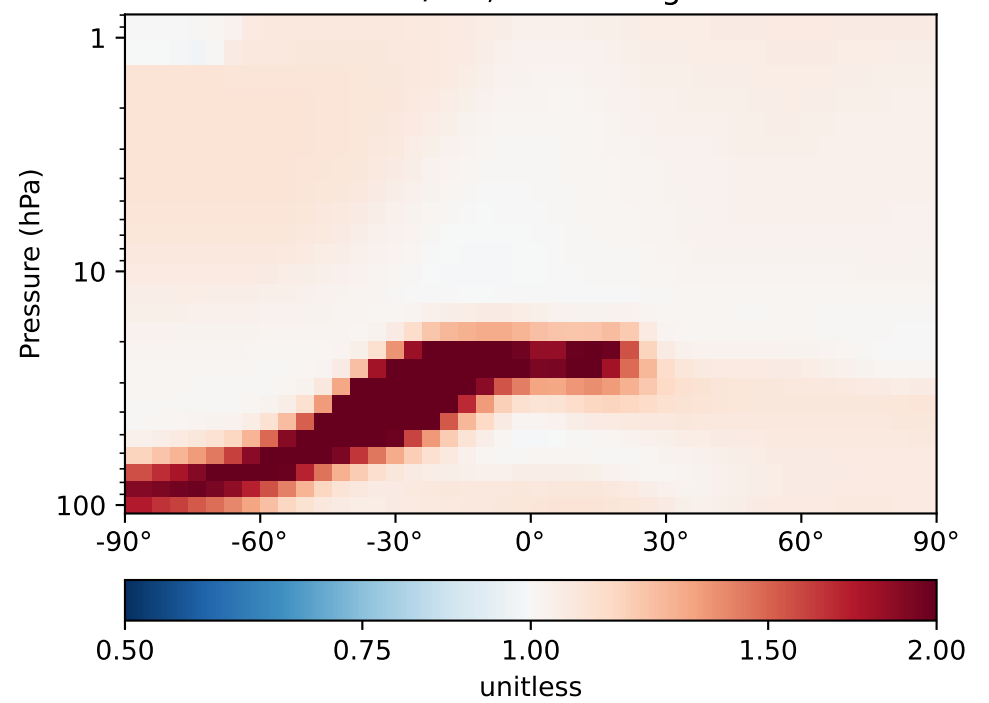
Difference
Dev - Ref, Restricted Range [5%,95%]



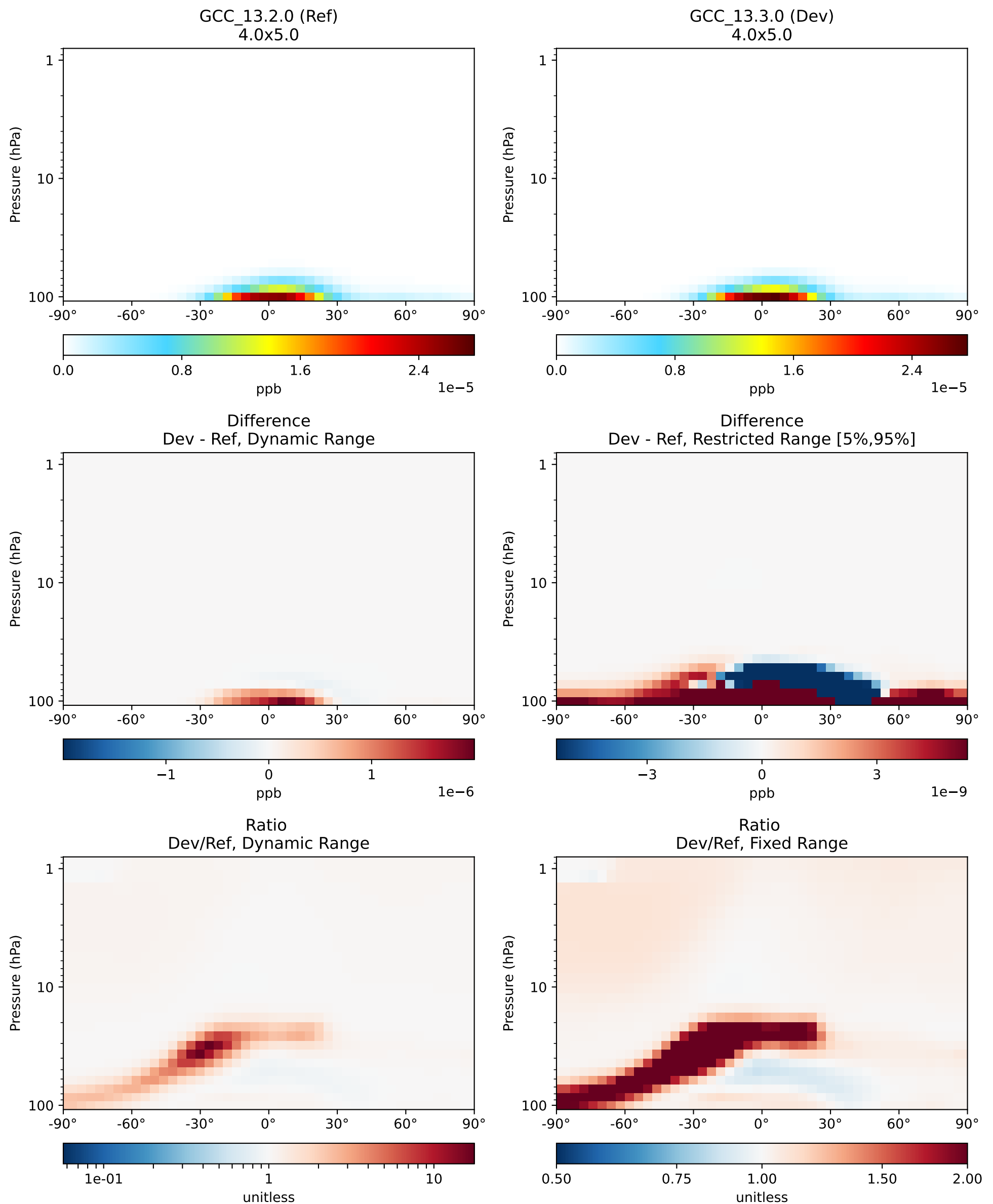
Ratio
Dev/Ref, Dynamic Range



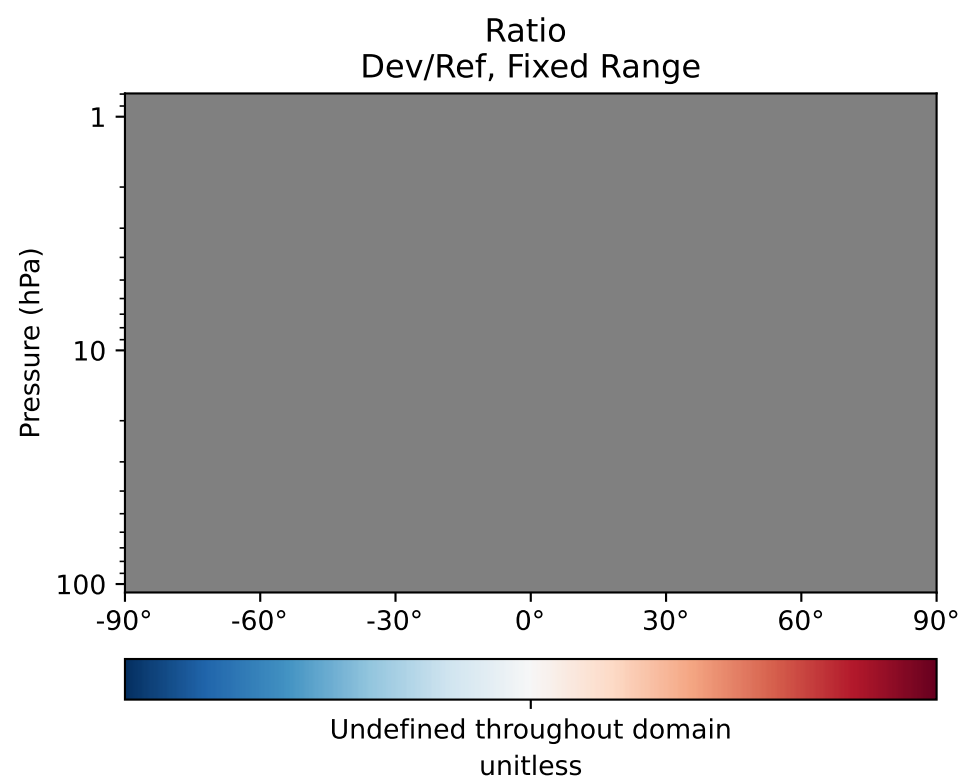
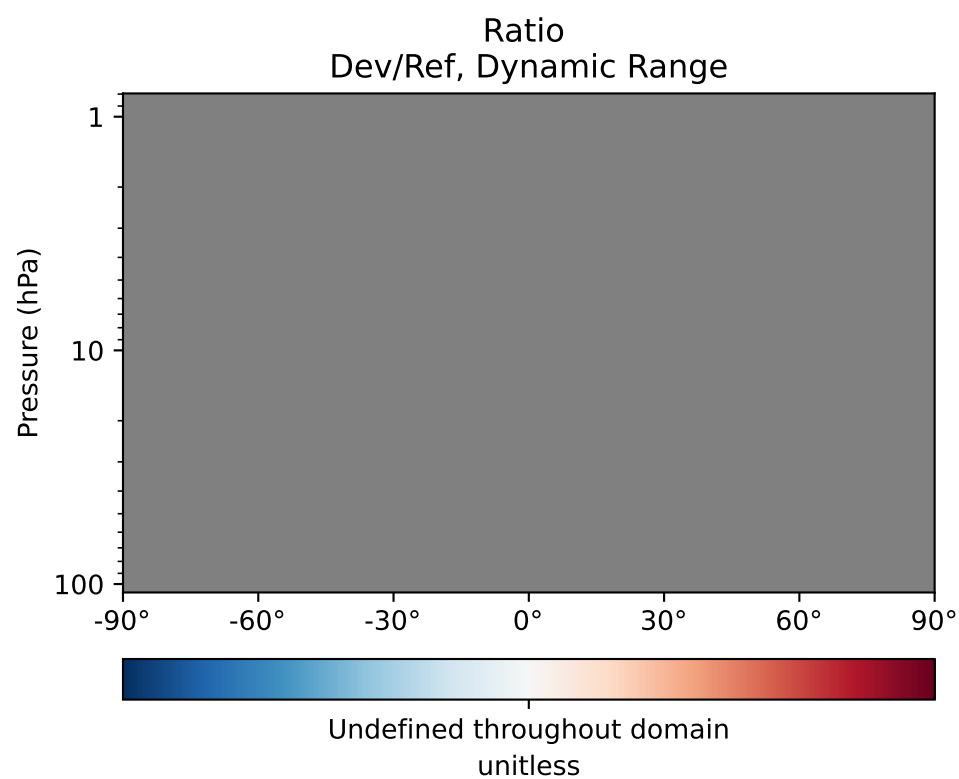
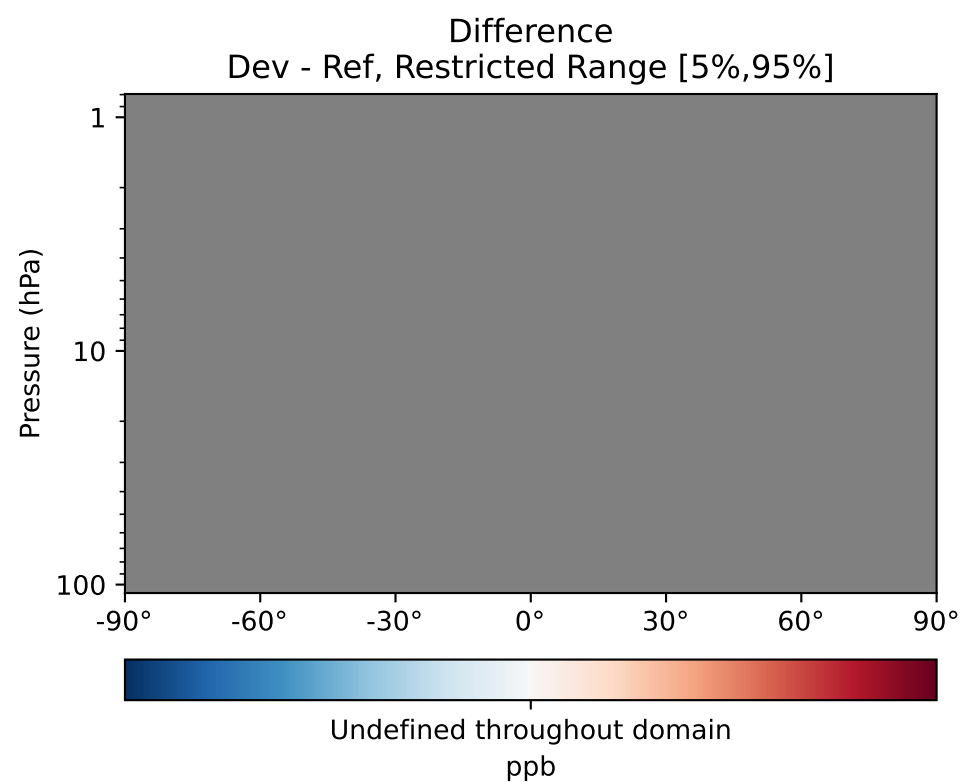
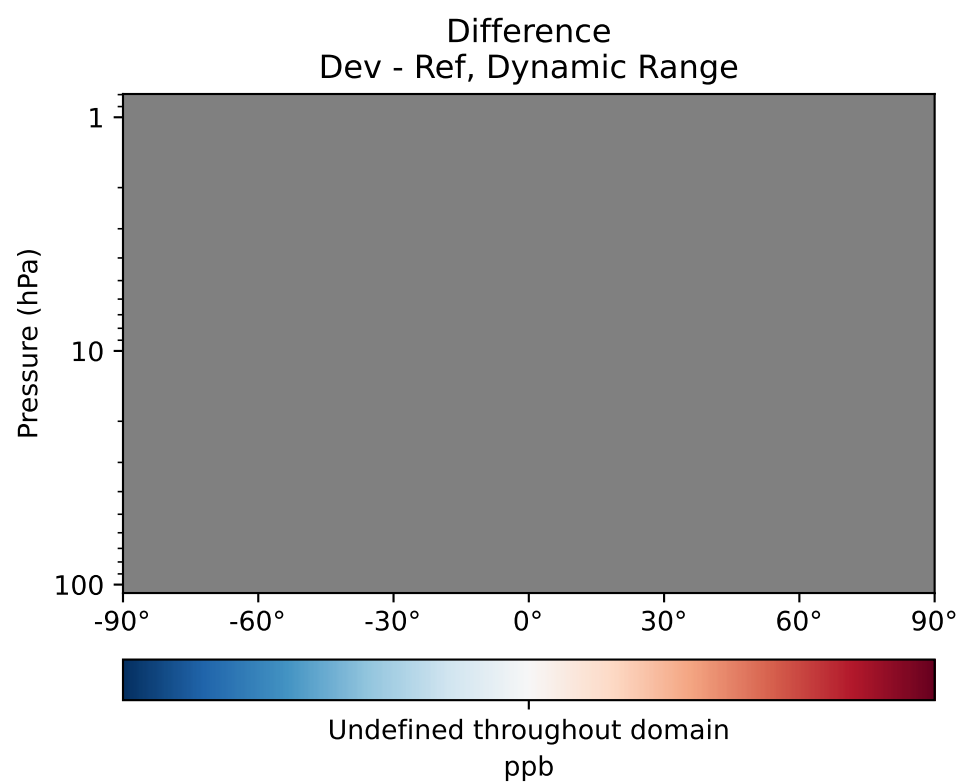
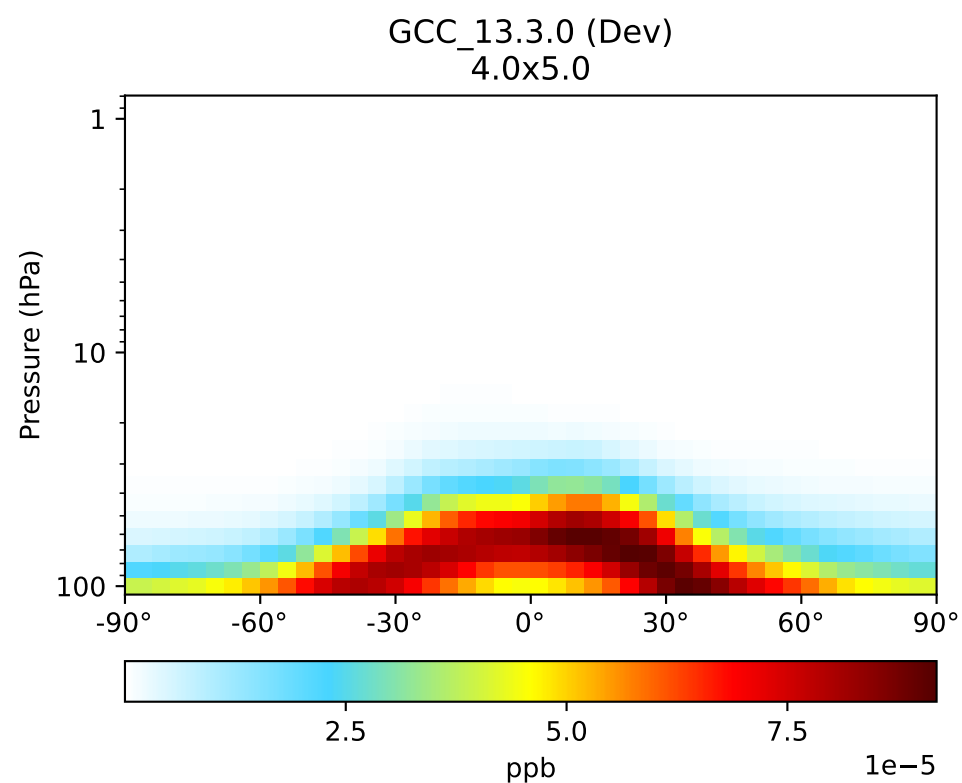
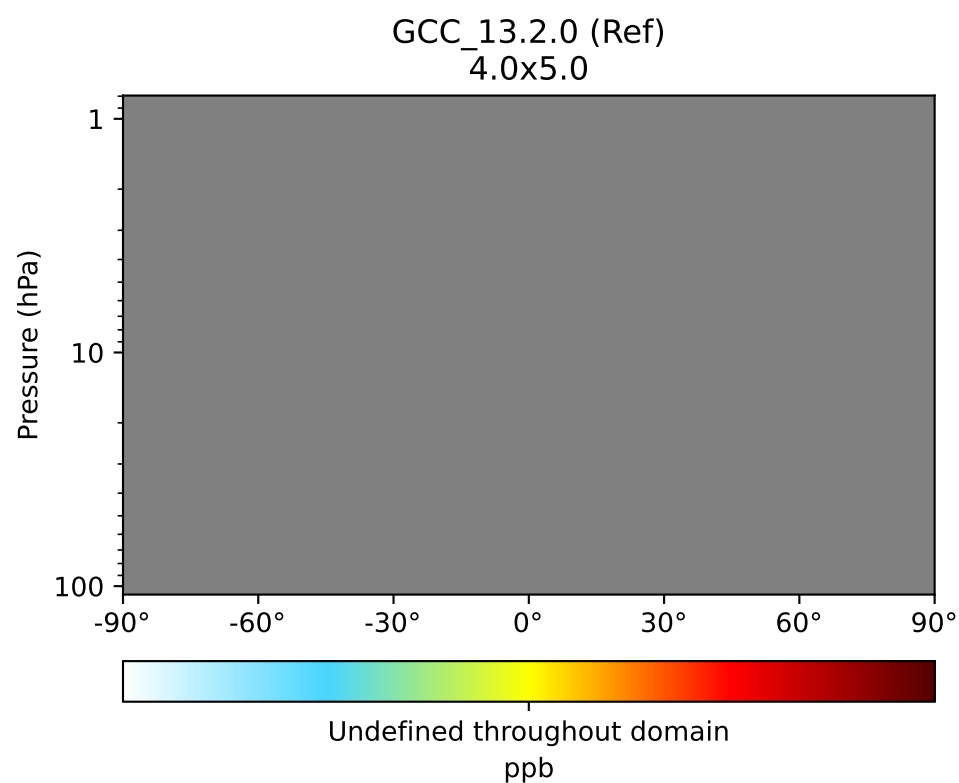
Ratio
Dev/Ref, Fixed Range



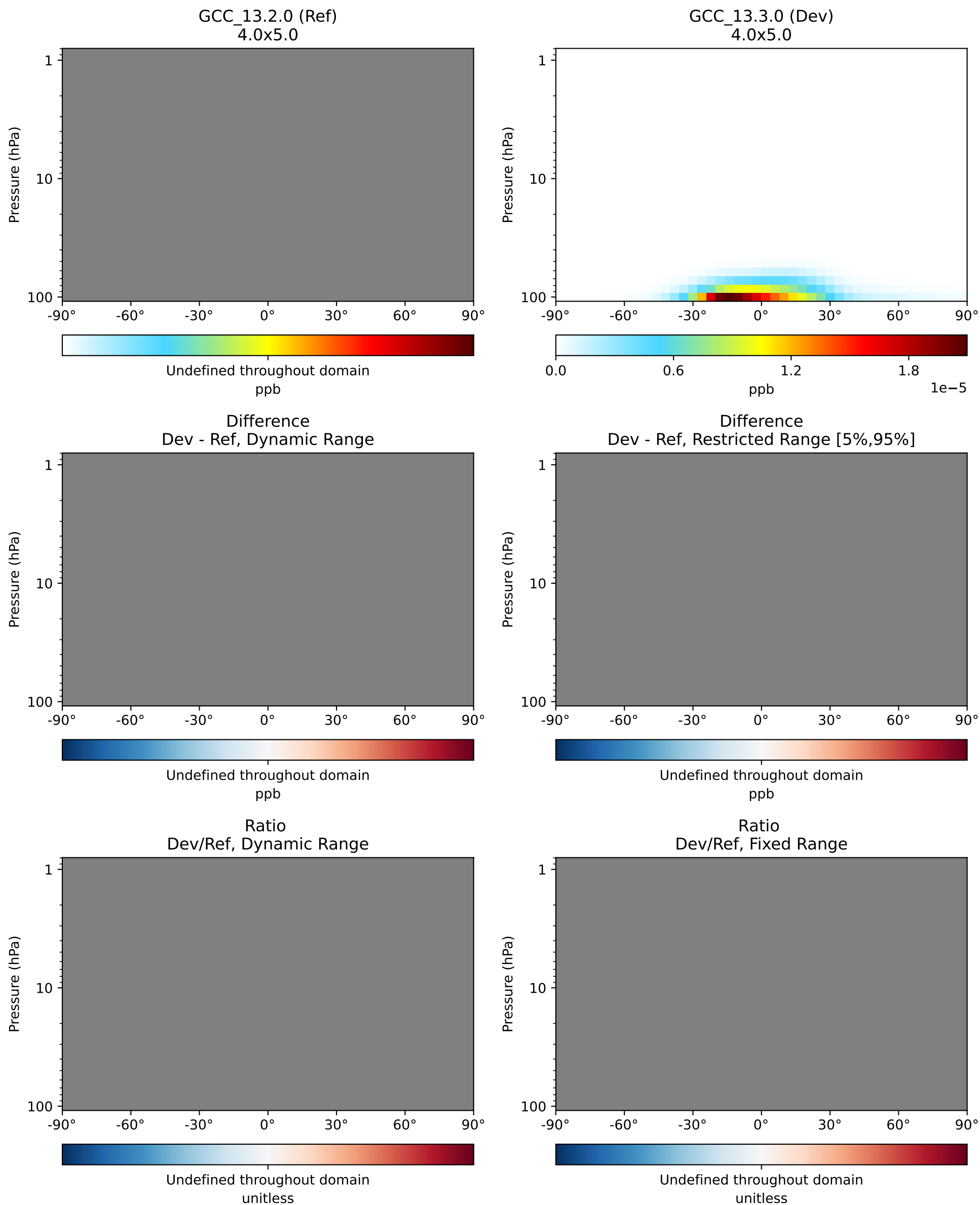
SpeciesConc_NPRNO3, Zonal Mean (Jan2019)



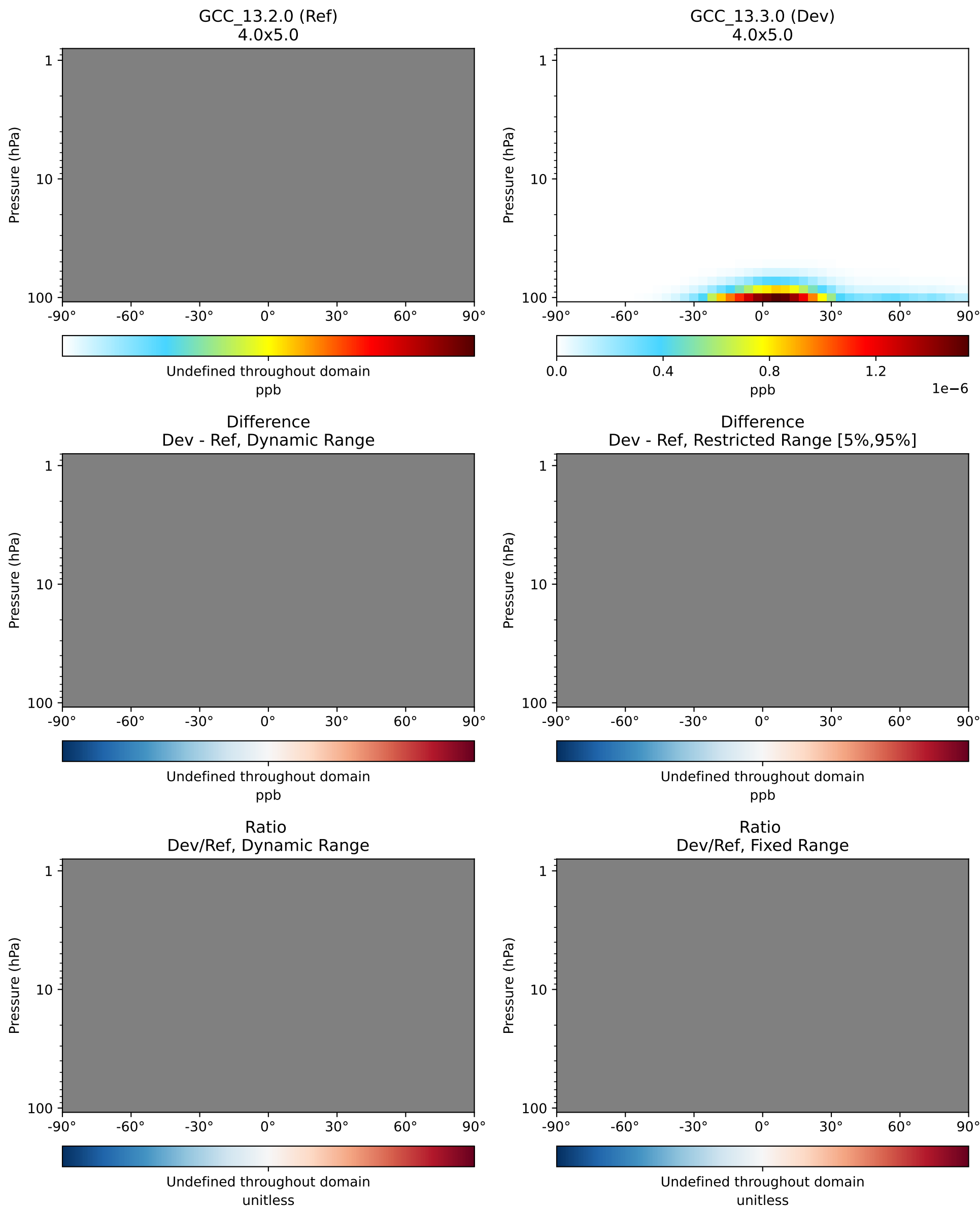
SpeciesConc_AONITA, Zonal Mean (Jan2019)



SpeciesConc_ETHN, Zonal Mean (Jan2019)



SpeciesConc_BZPAN, Zonal Mean (Jan2019)



SpeciesConc_NPHEN, Zonal Mean (Jan2019)

