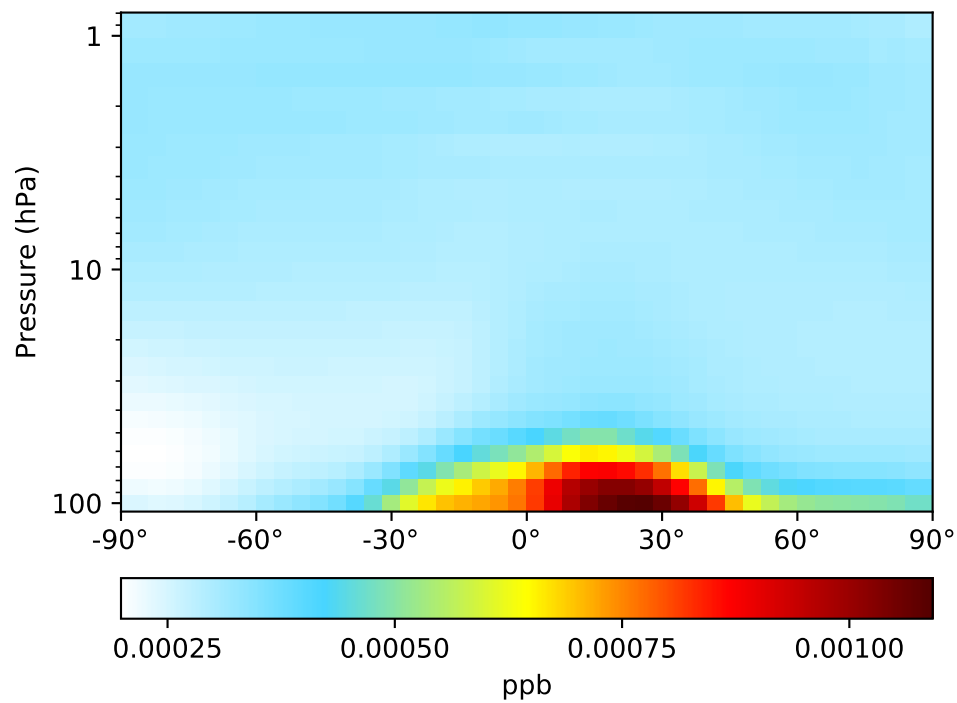
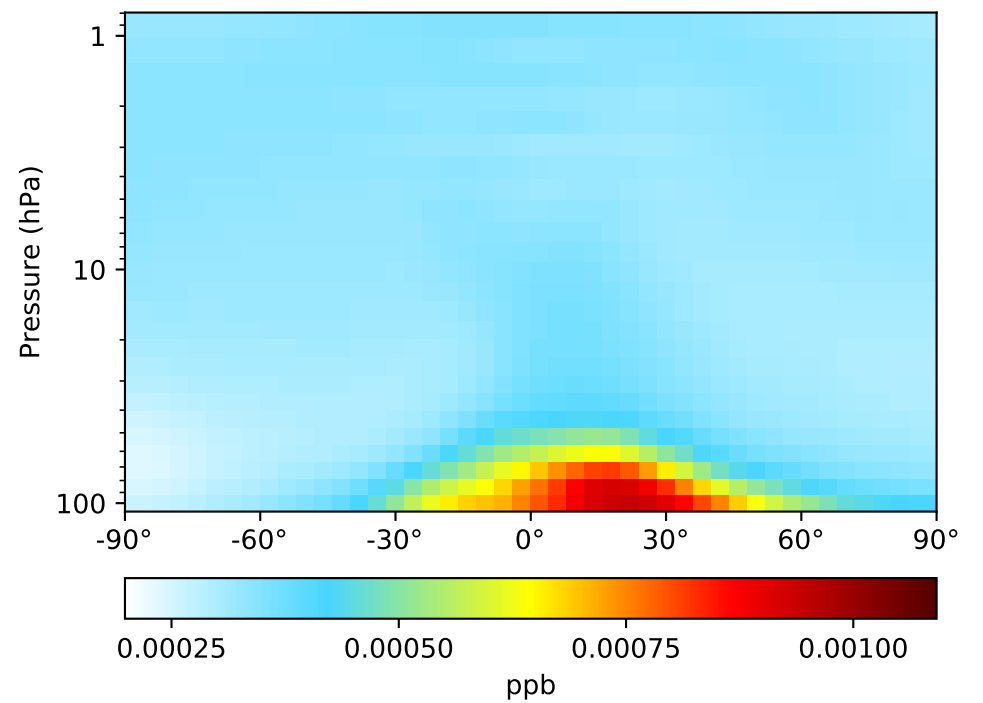


SpeciesConc_ly, Zonal Mean (Oct2019)

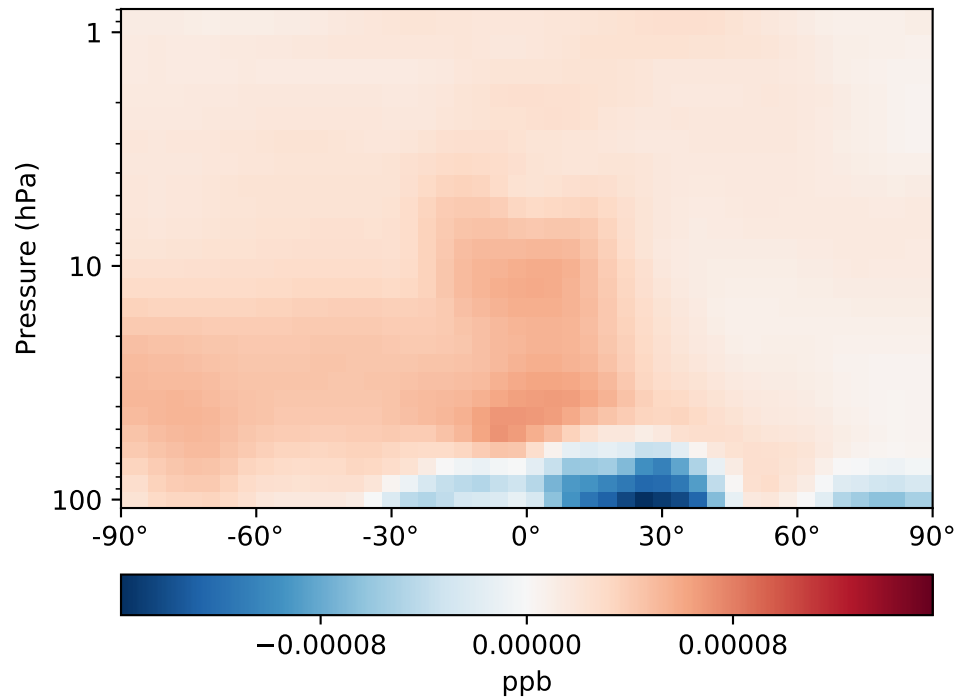
GCC_12.9.0 (Ref)
4.0x5.0



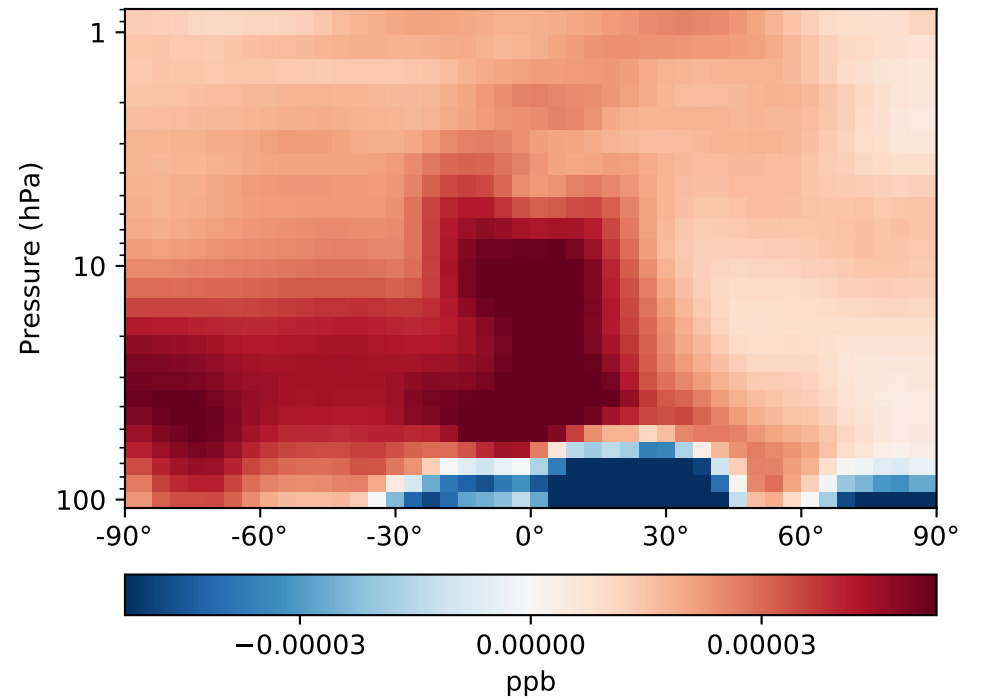
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



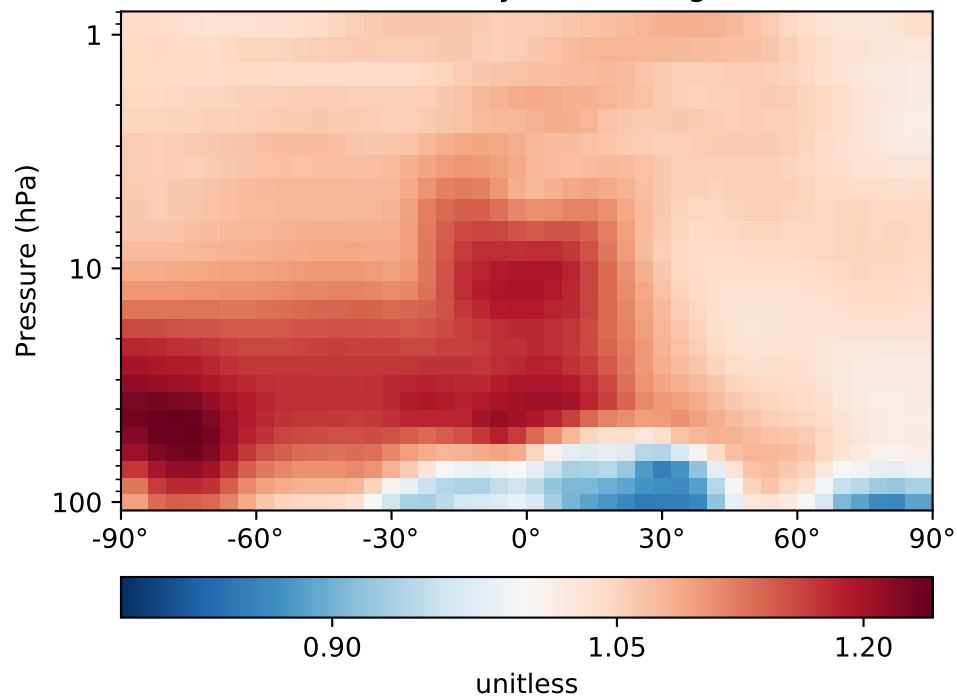
Difference
Dev - Ref, Dynamic Range



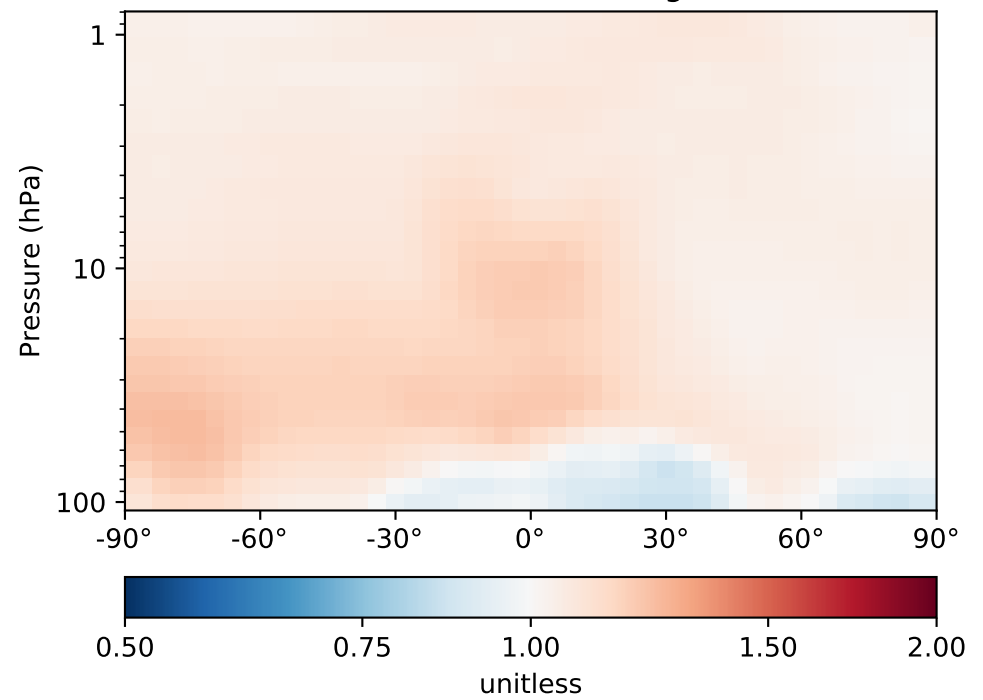
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

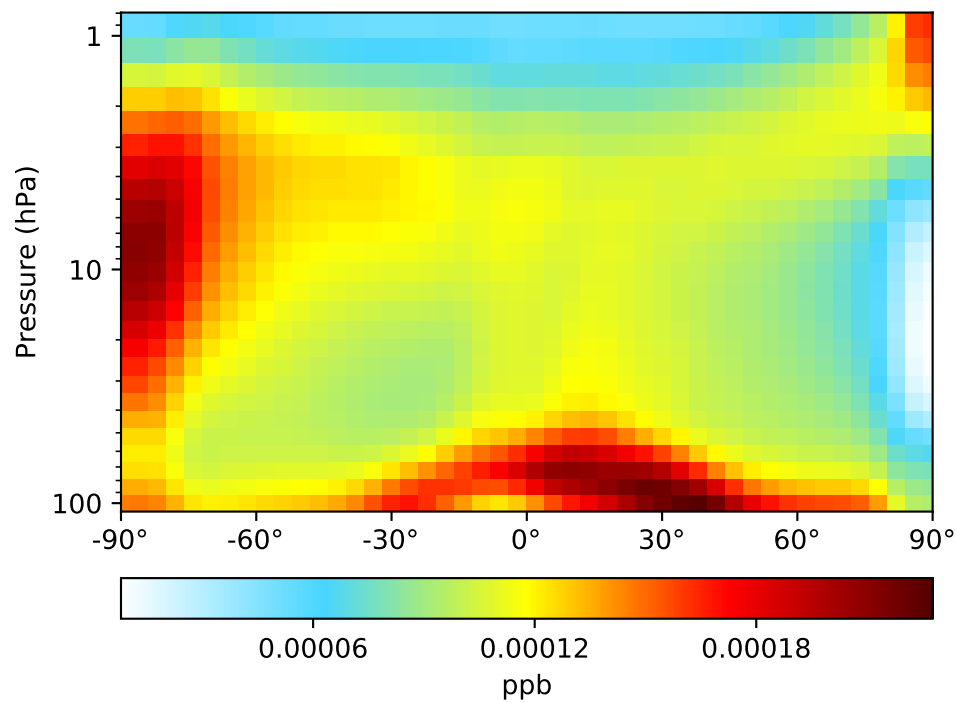


Ratio
Dev/Ref, Fixed Range

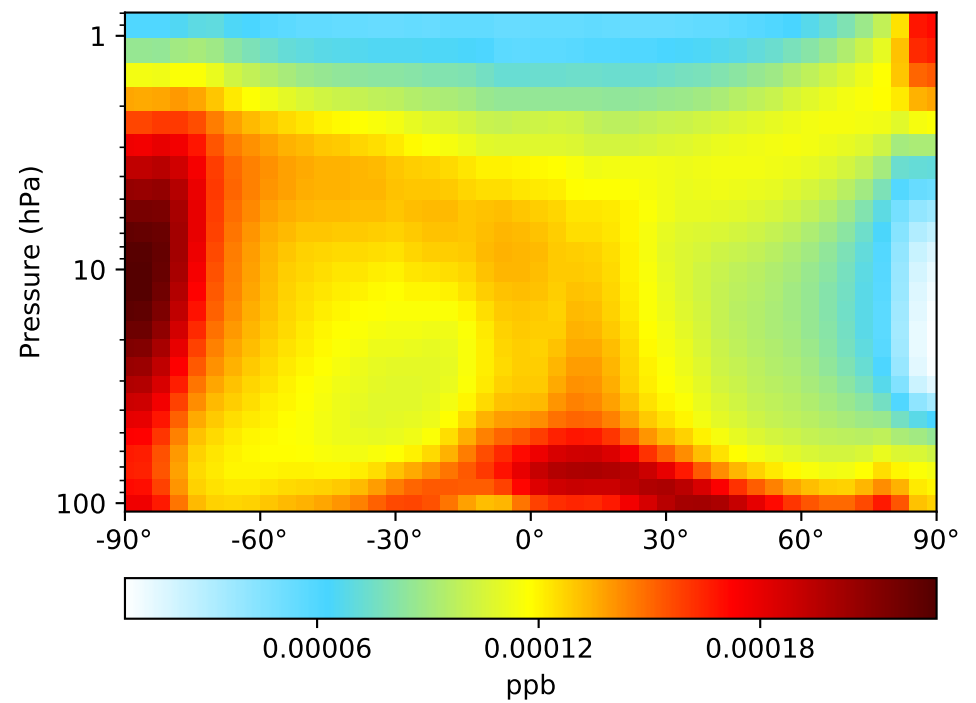


SpeciesConc_IxOy, Zonal Mean (Oct2019)

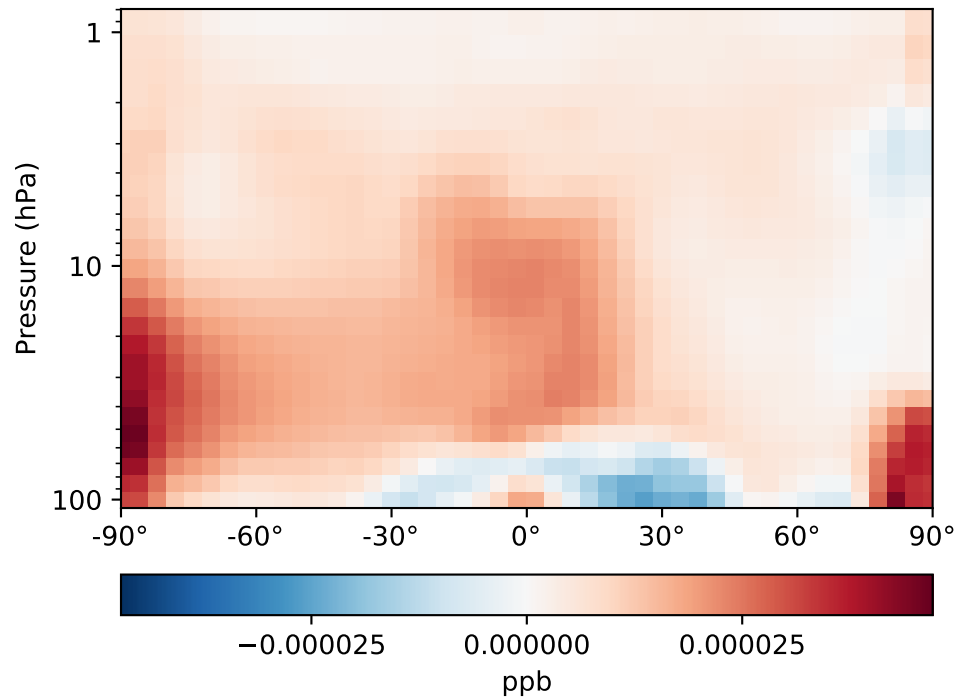
GCC_12.9.0 (Ref)
4.0x5.0



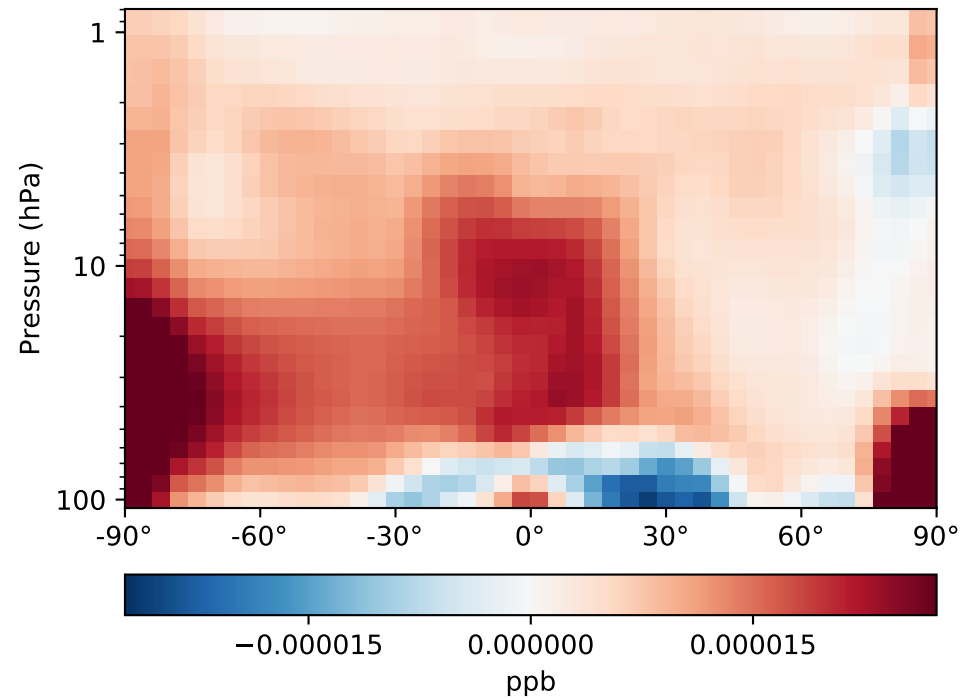
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



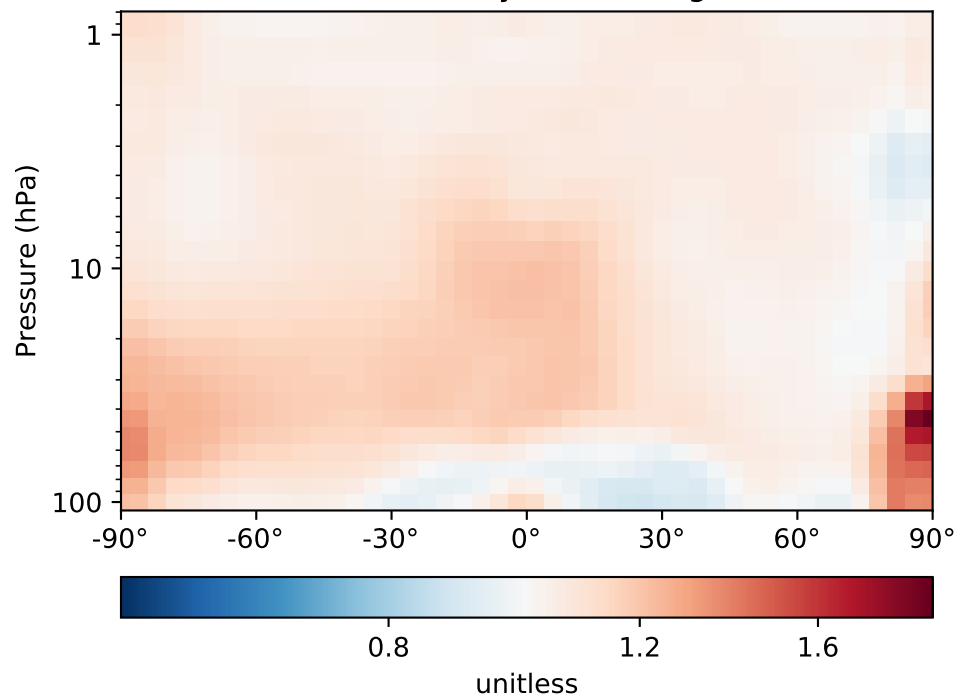
Difference
Dev - Ref, Dynamic Range



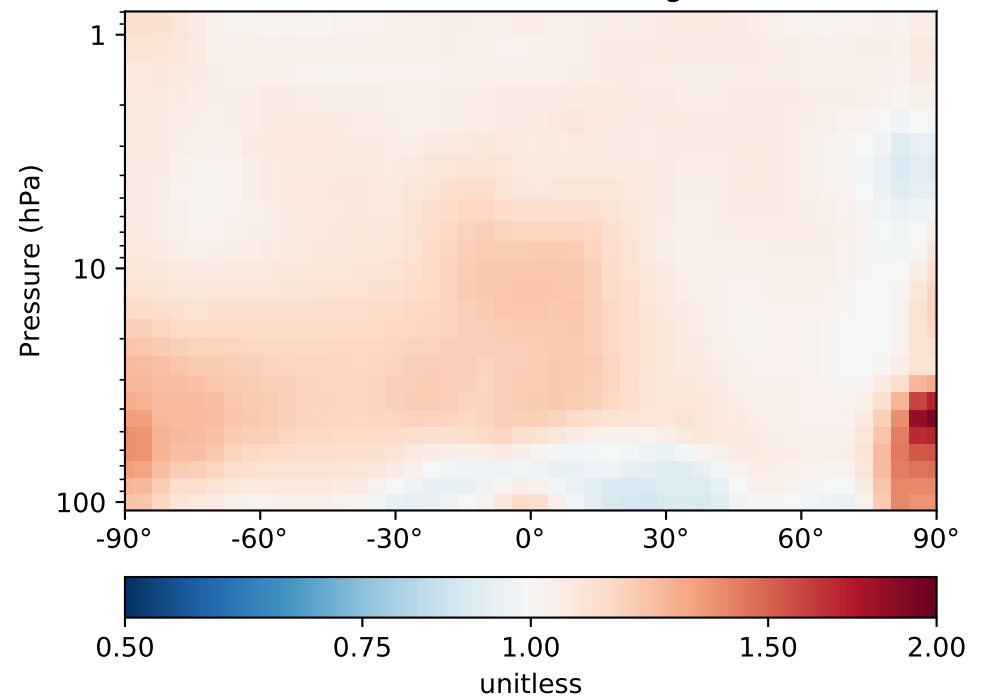
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

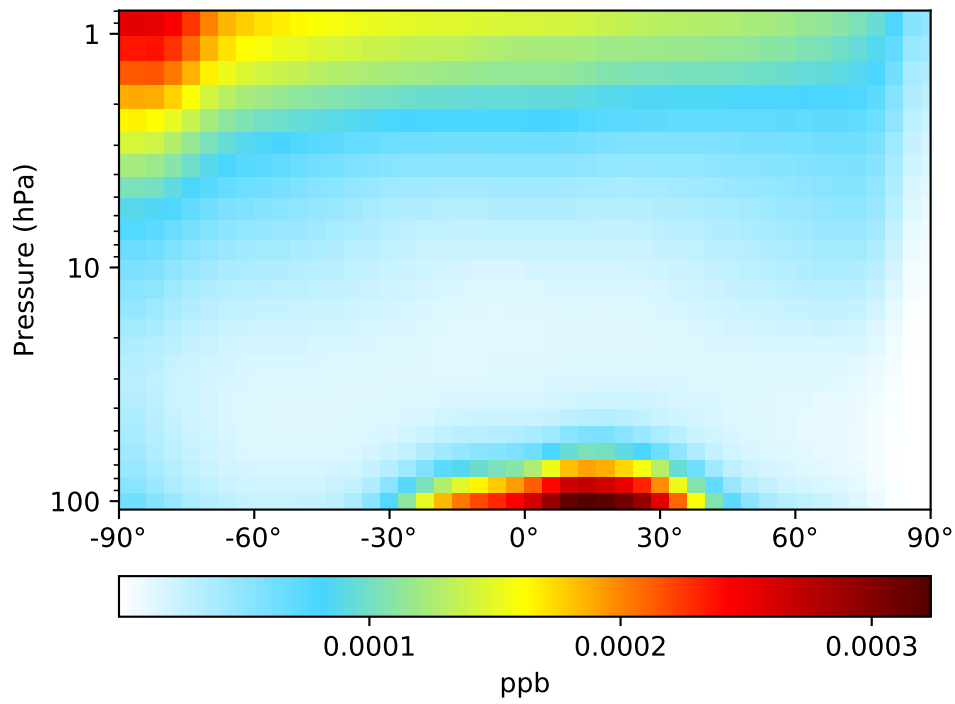


Ratio
Dev/Ref, Fixed Range

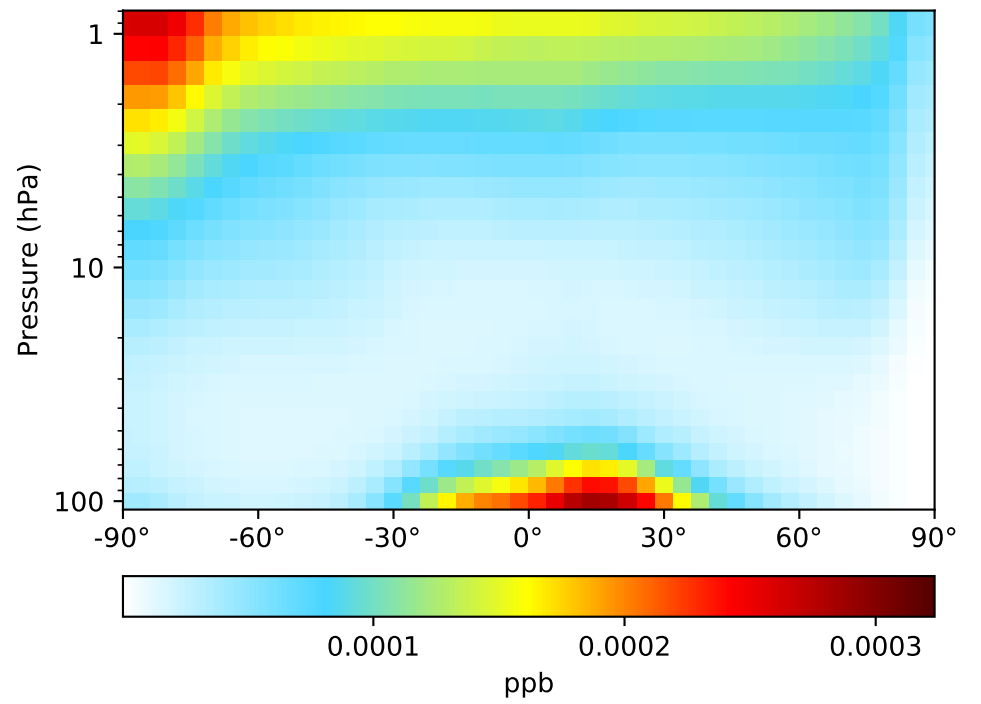


SpeciesConc_I, Zonal Mean (Oct2019)

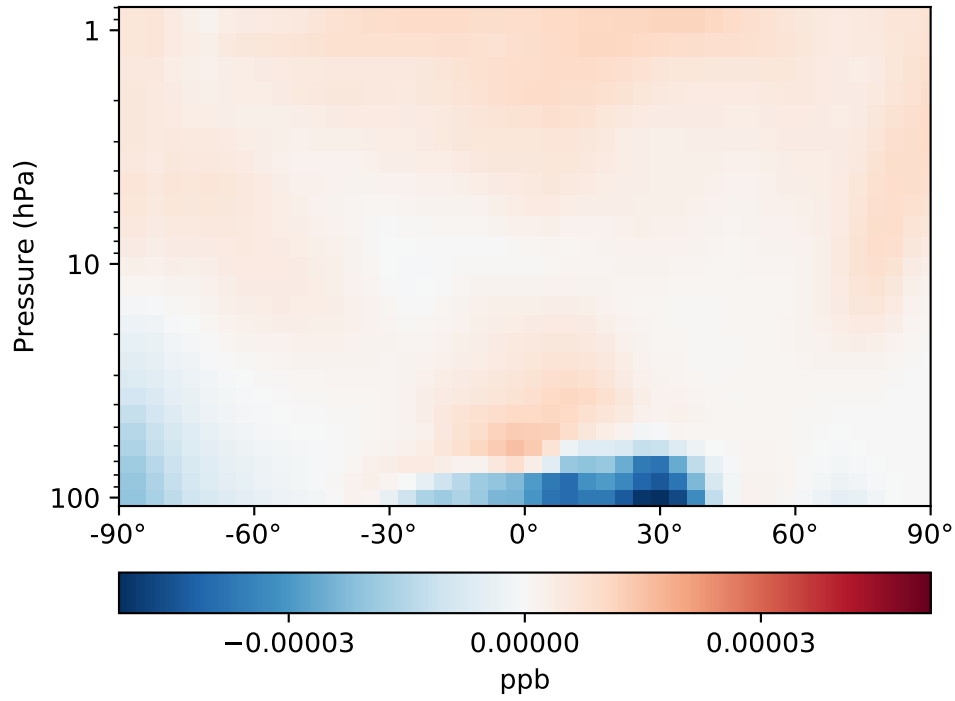
GCC_12.9.0 (Ref)
4.0x5.0



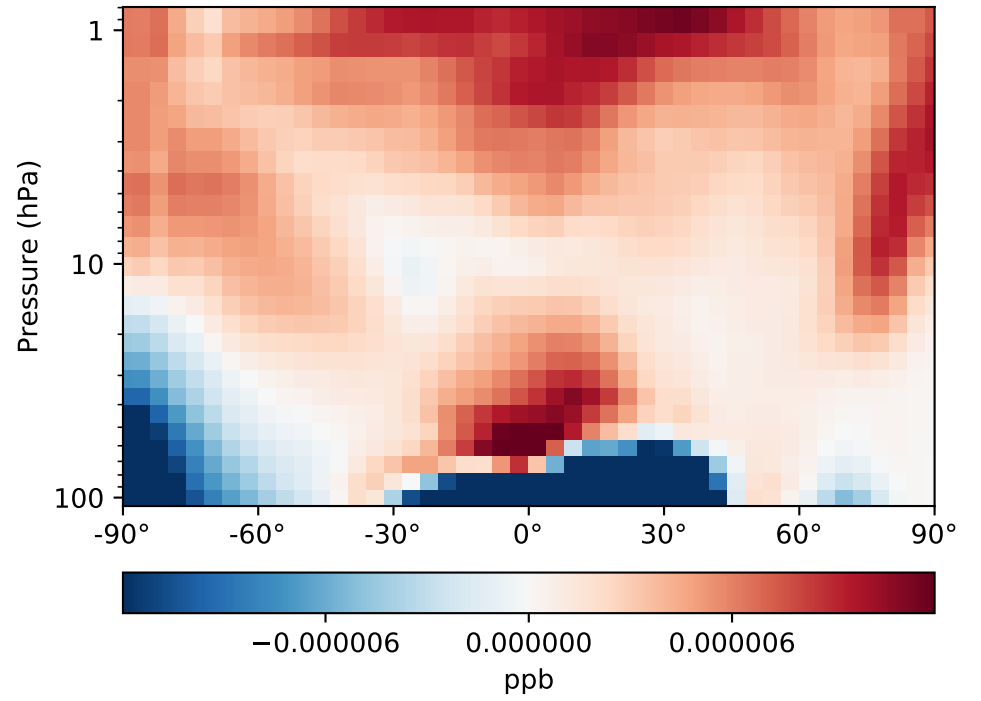
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



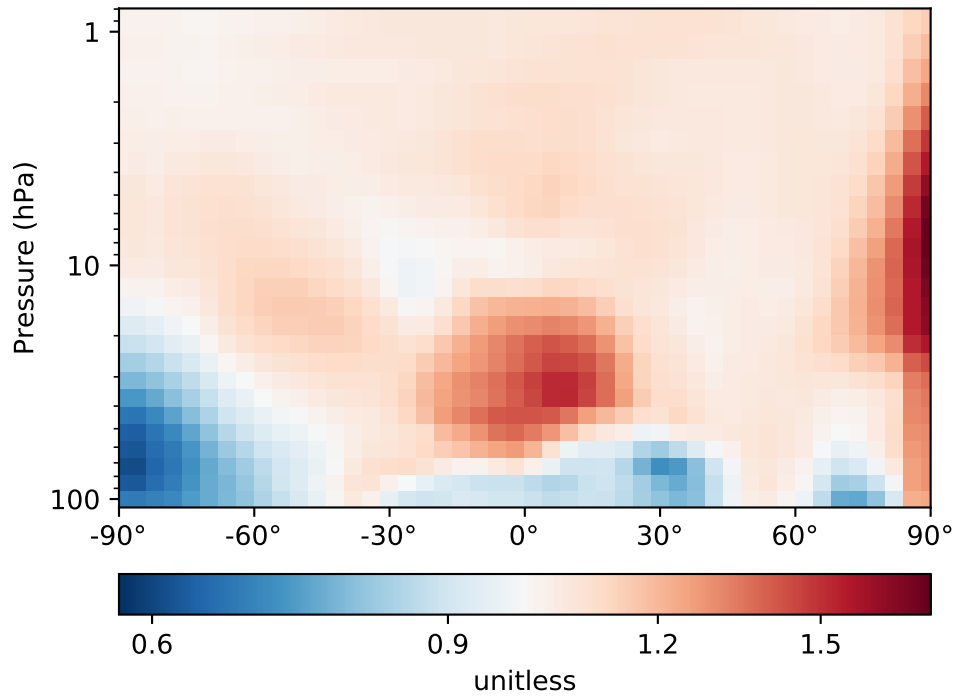
Difference
Dev - Ref, Dynamic Range



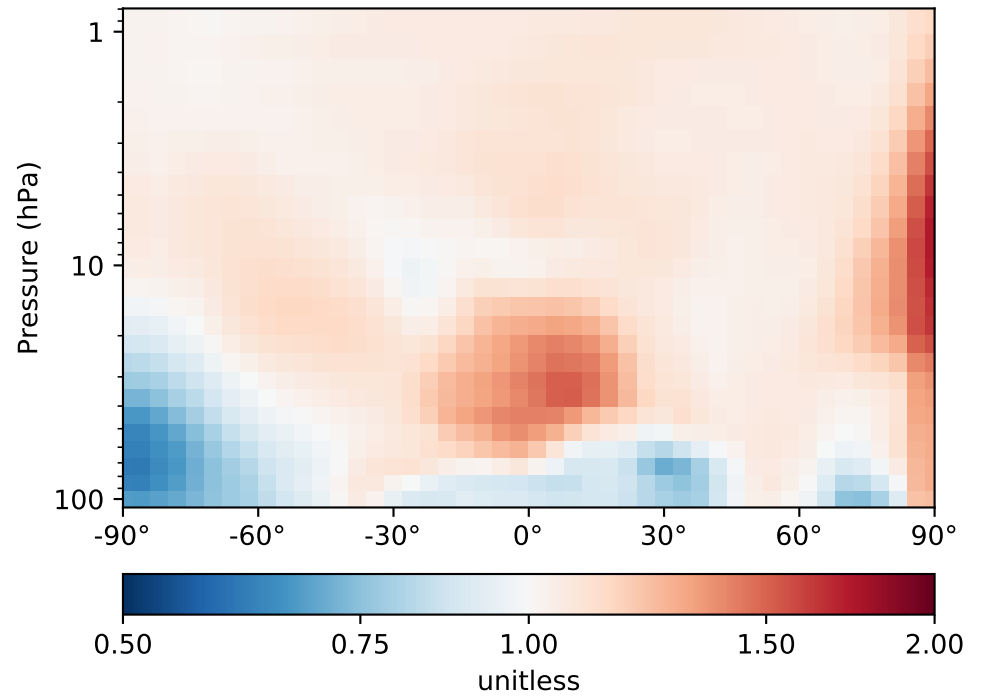
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

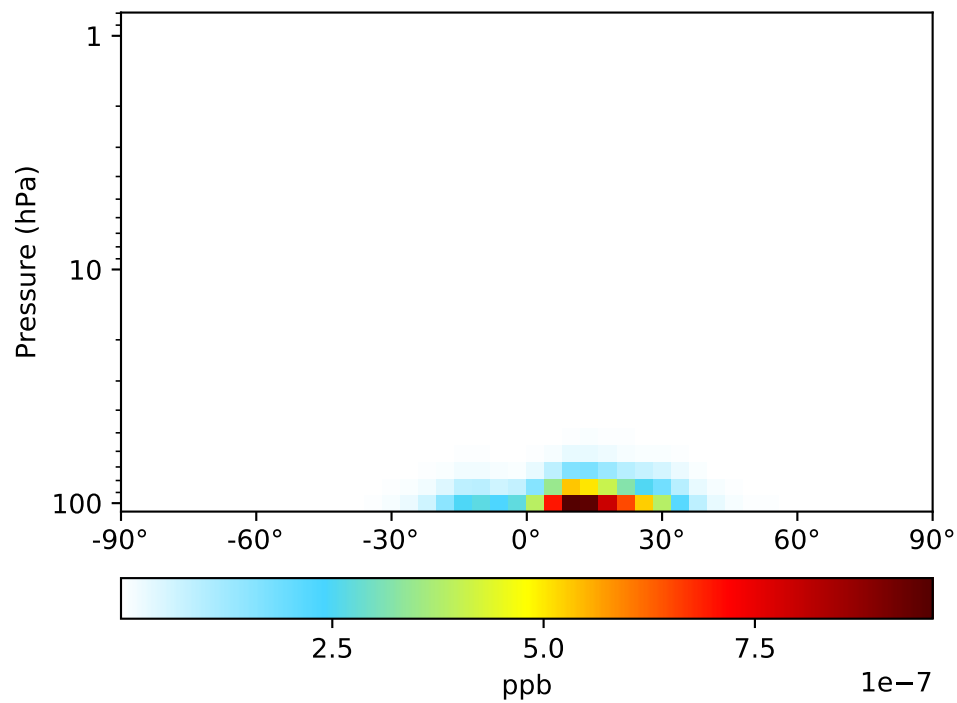


Ratio
Dev/Ref, Fixed Range

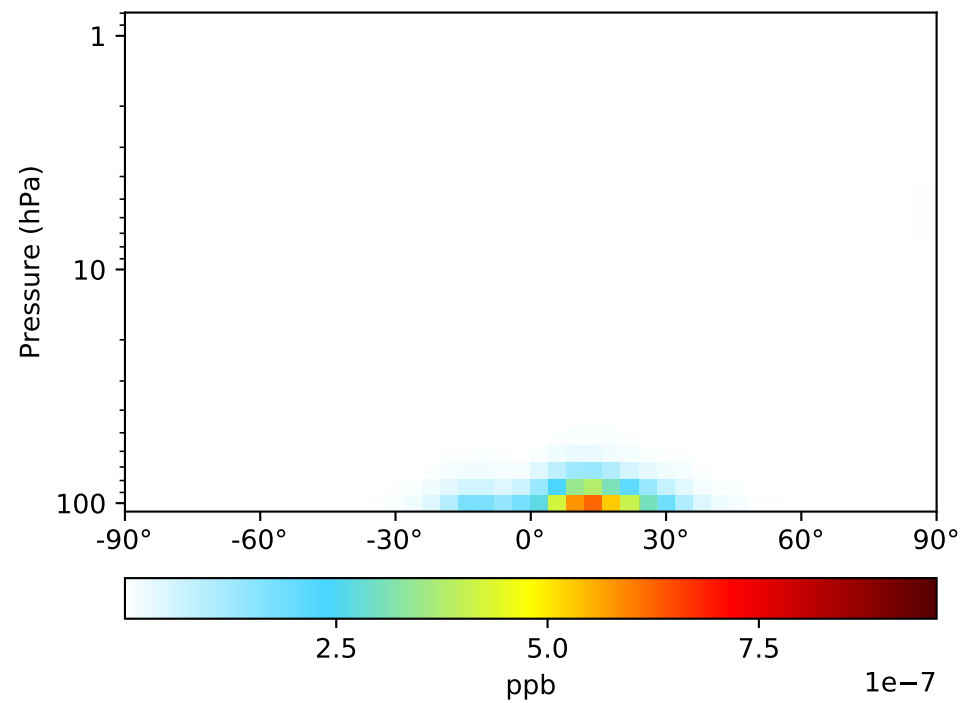


SpeciesConc_I2, Zonal Mean (Oct2019)

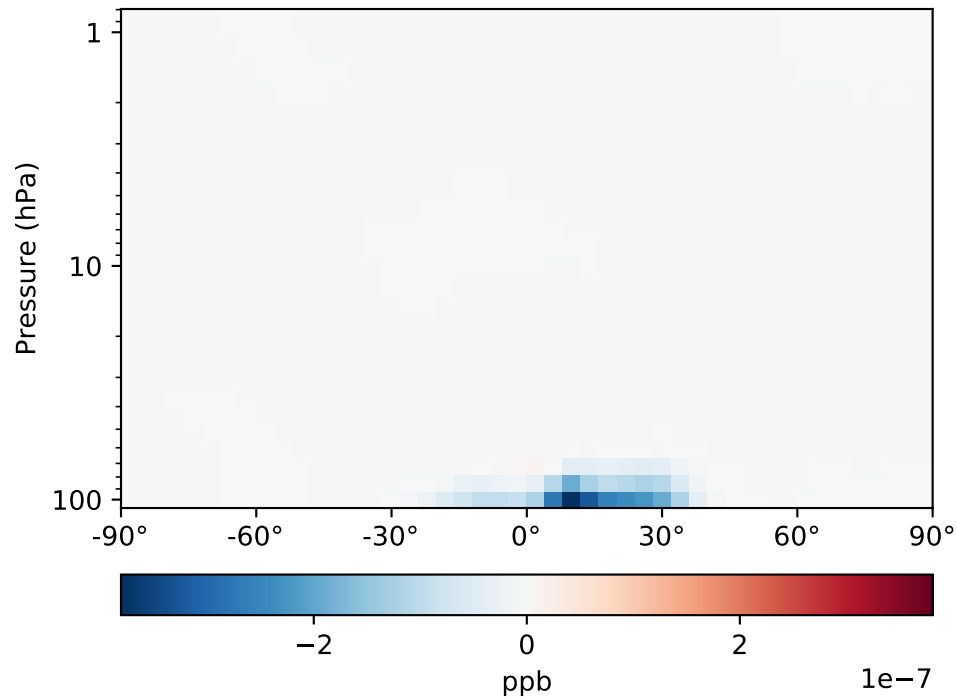
GCC_12.9.0 (Ref)
4.0x5.0



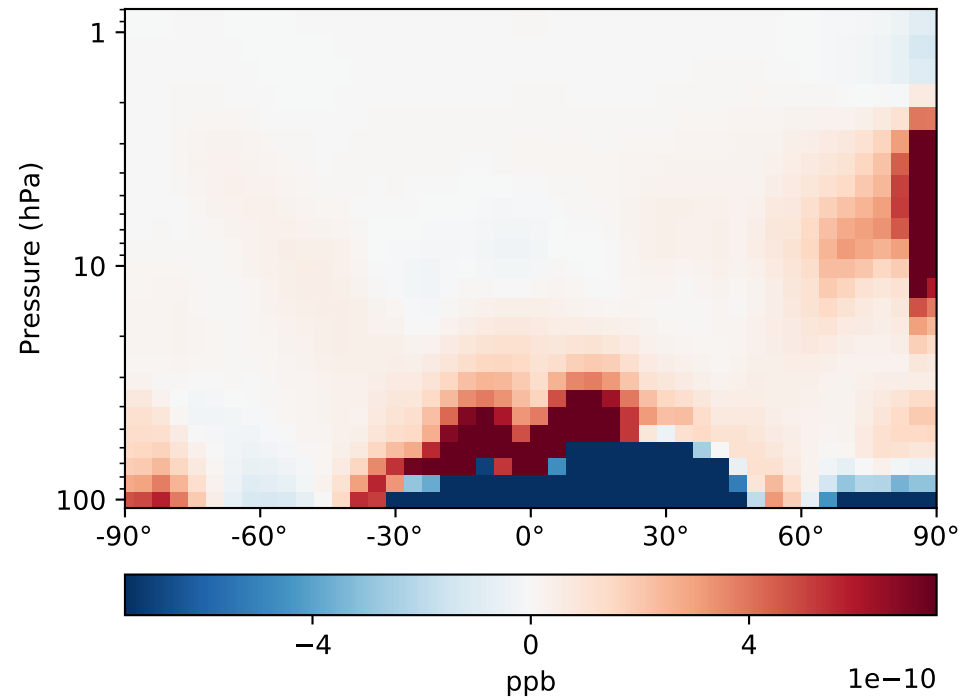
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



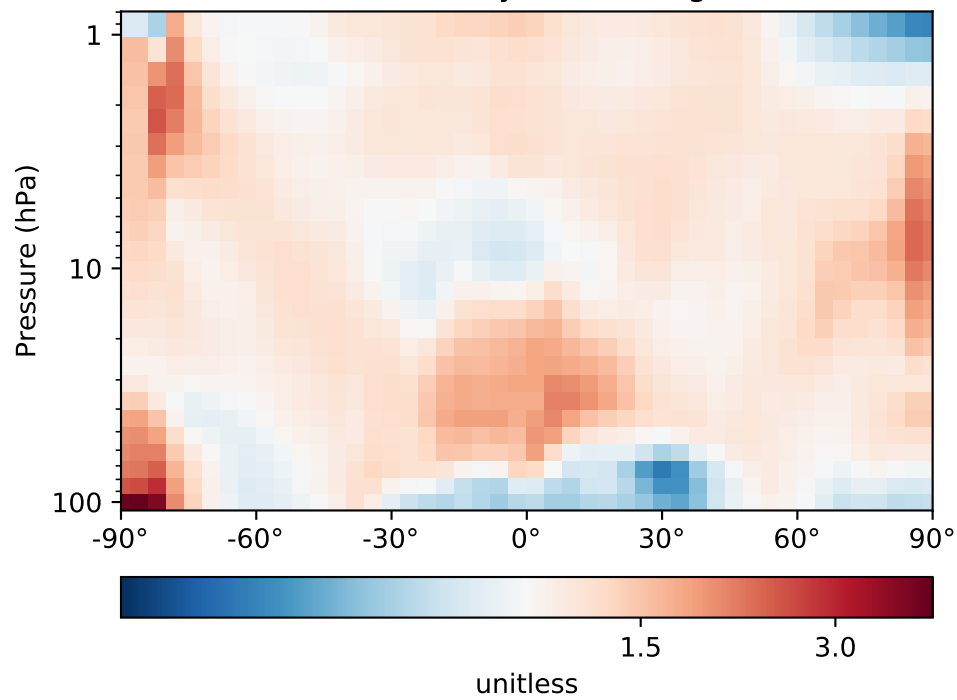
Difference
Dev - Ref, Dynamic Range



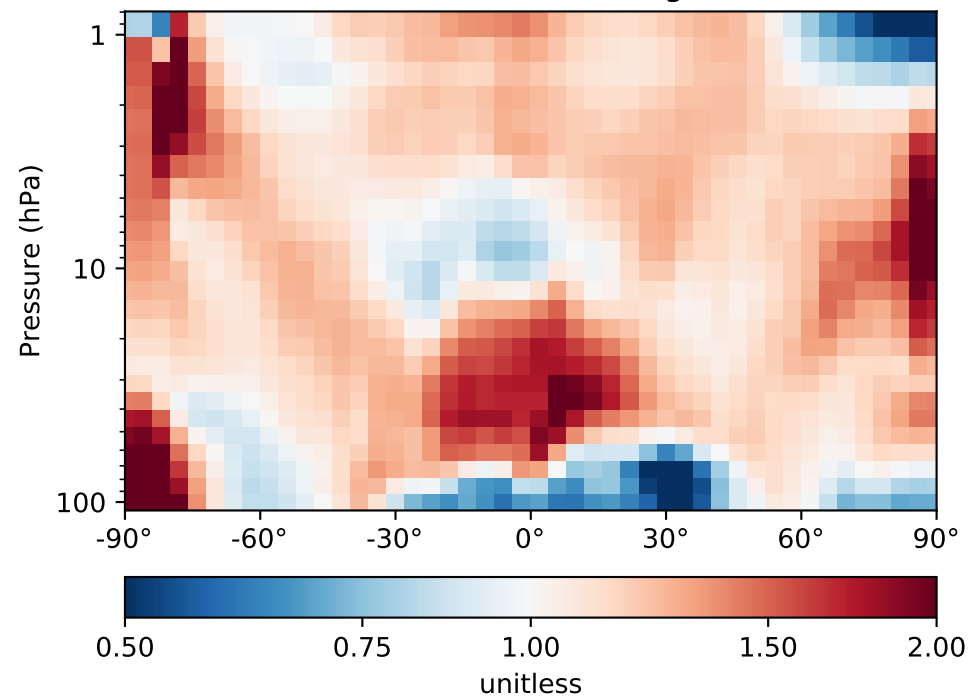
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

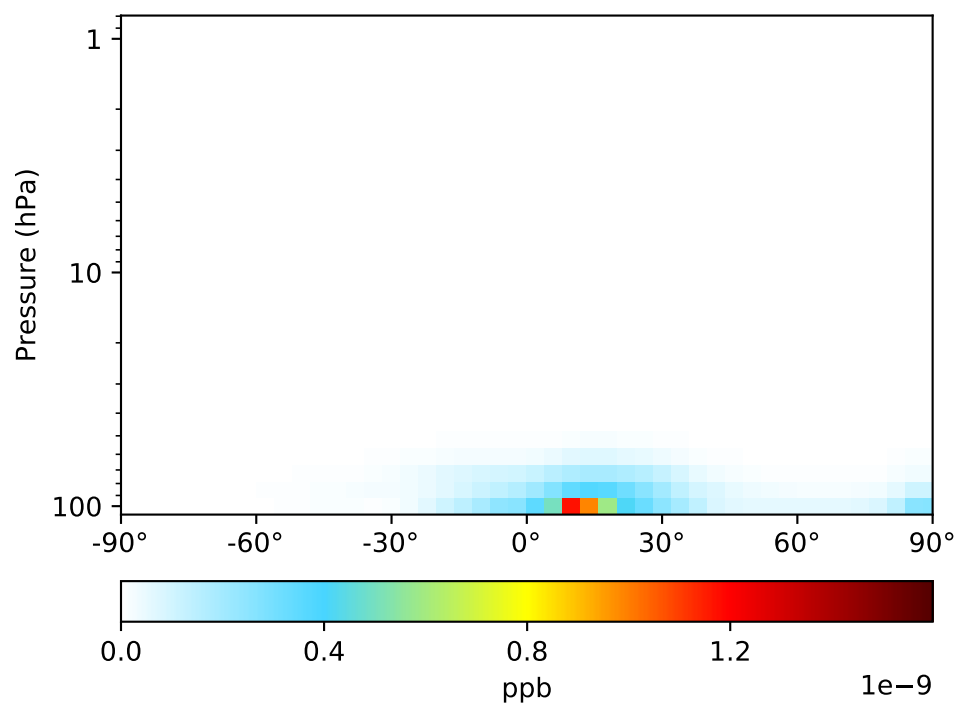


Ratio
Dev/Ref, Fixed Range

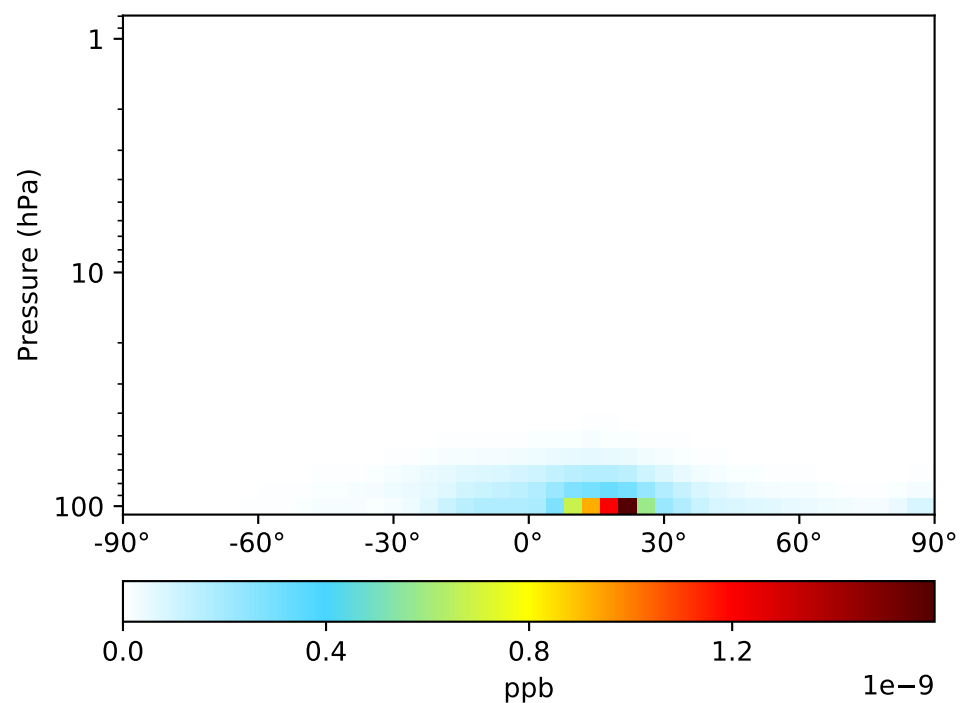


SpeciesConc_IBr, Zonal Mean (Oct2019)

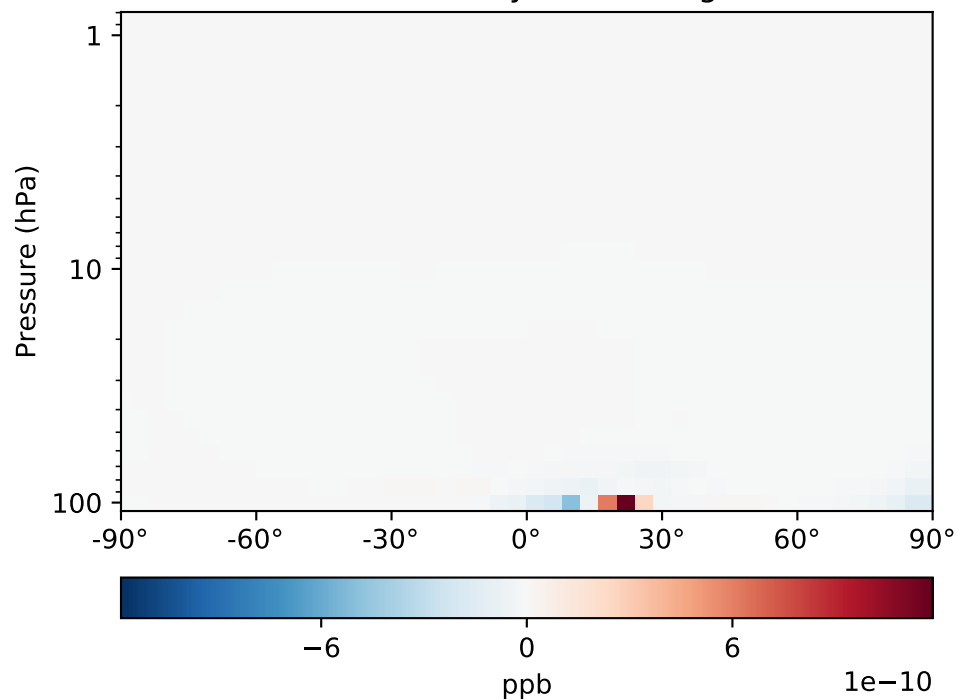
GCC_12.9.0 (Ref)
4.0x5.0



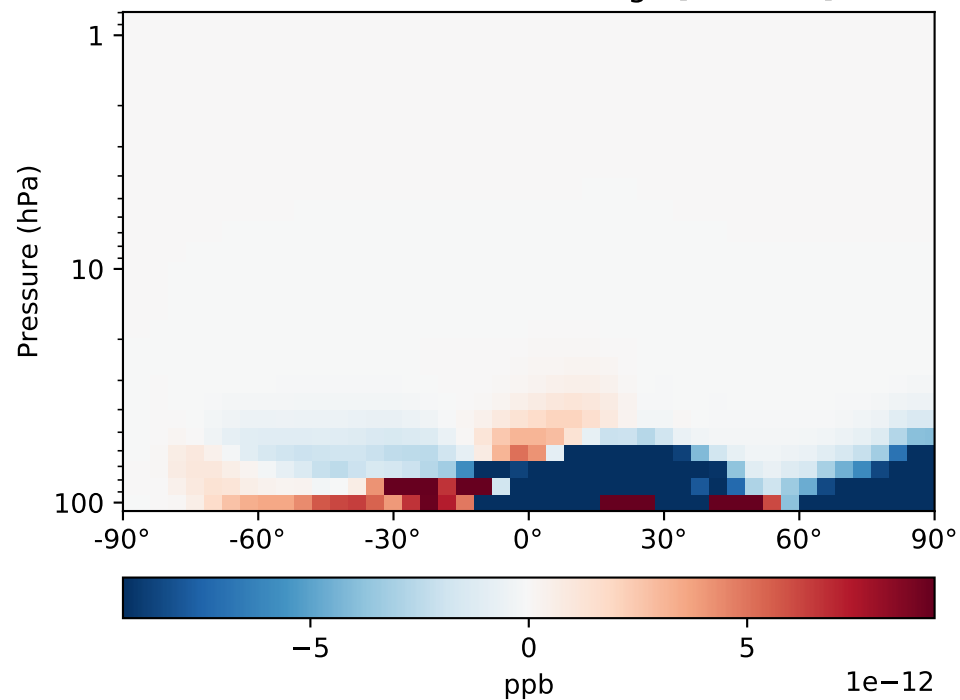
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



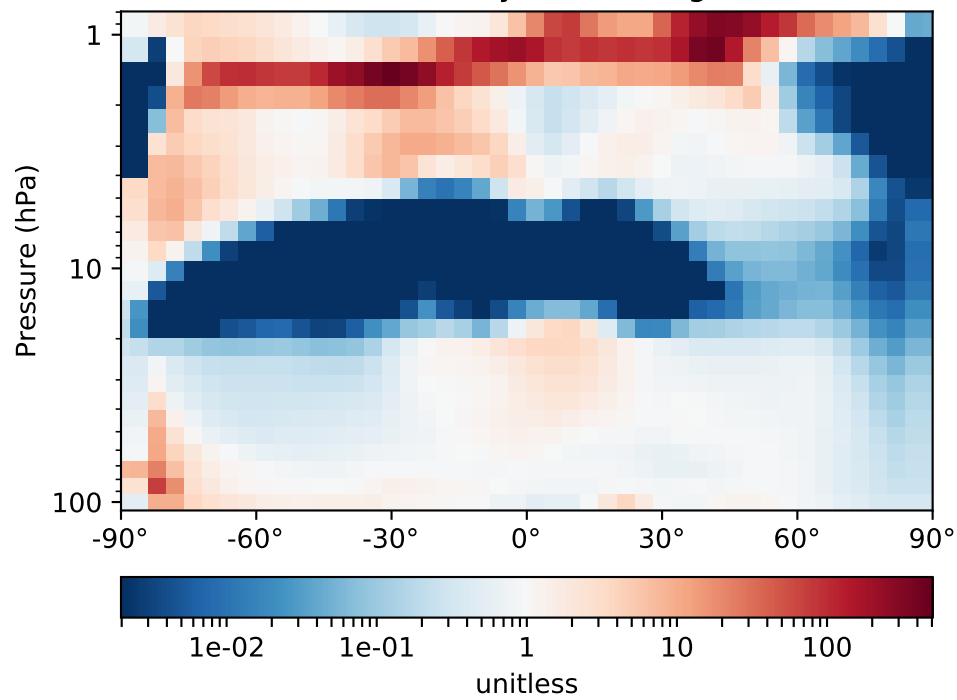
Difference
Dev - Ref, Dynamic Range



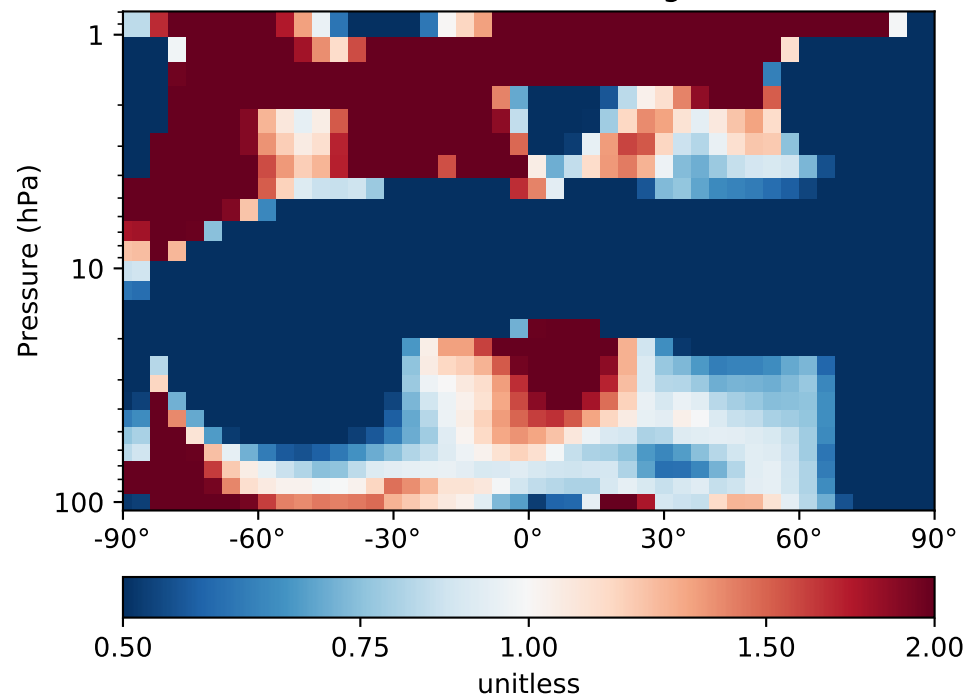
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

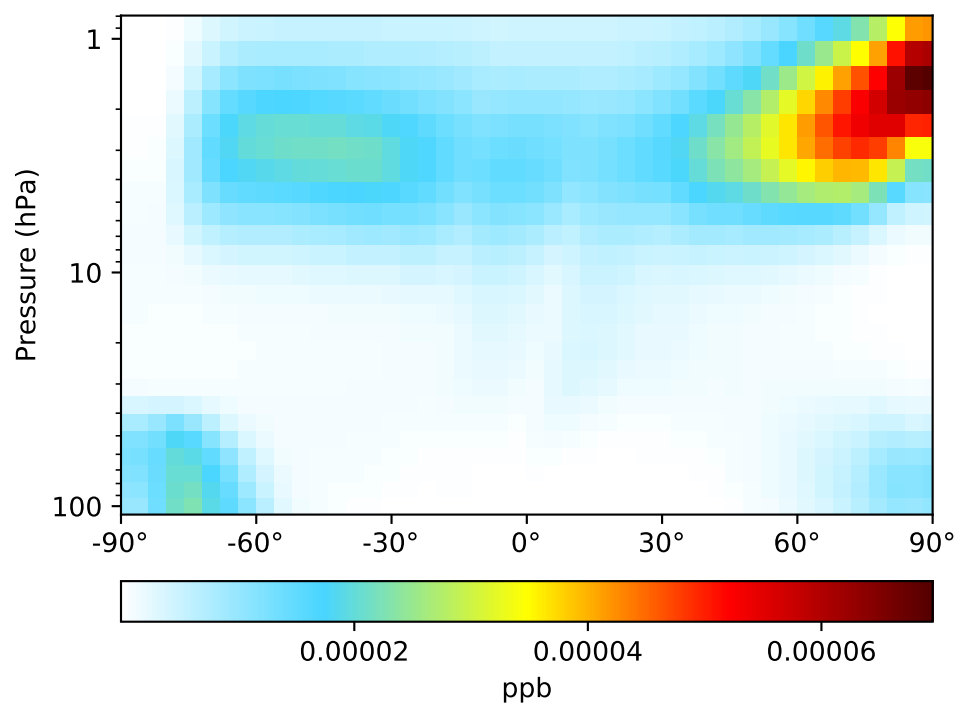


Ratio
Dev/Ref, Fixed Range

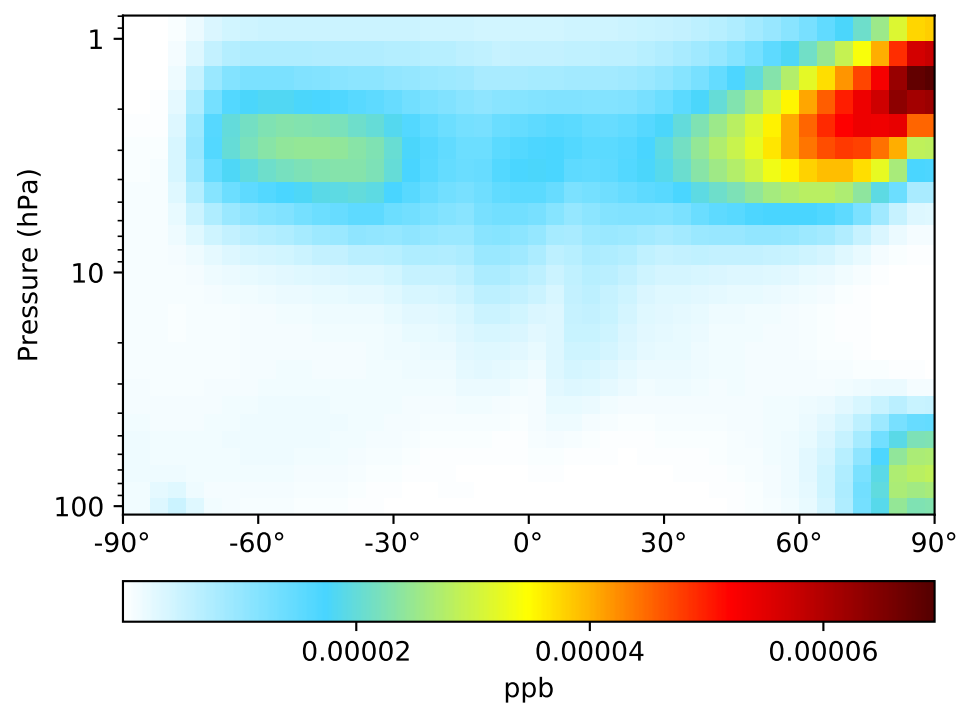


SpeciesConc_ICI, Zonal Mean (Oct2019)

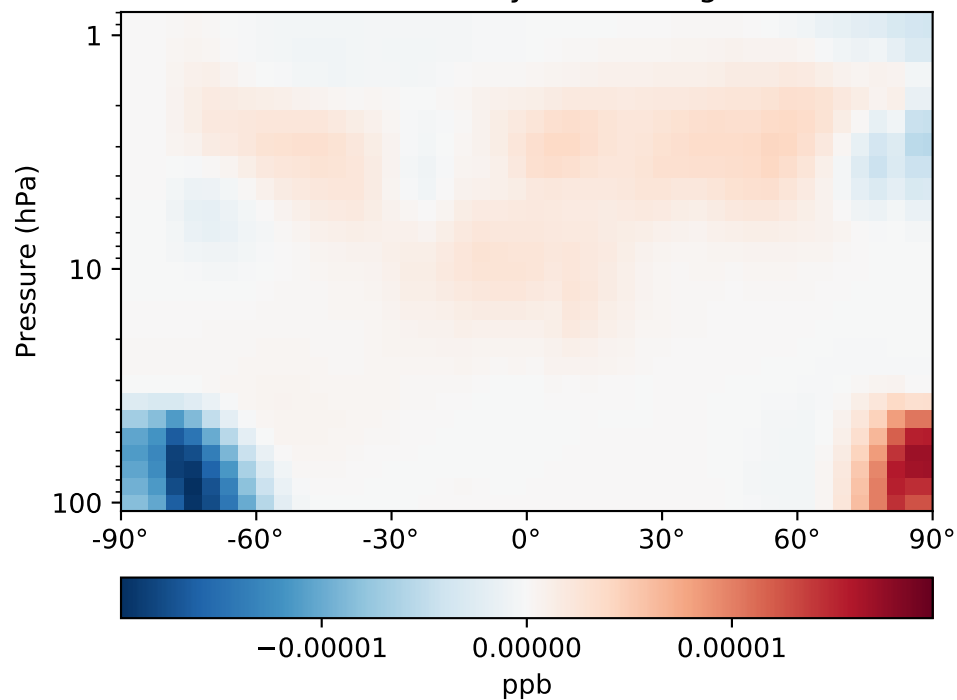
GCC_12.9.0 (Ref)
4.0x5.0



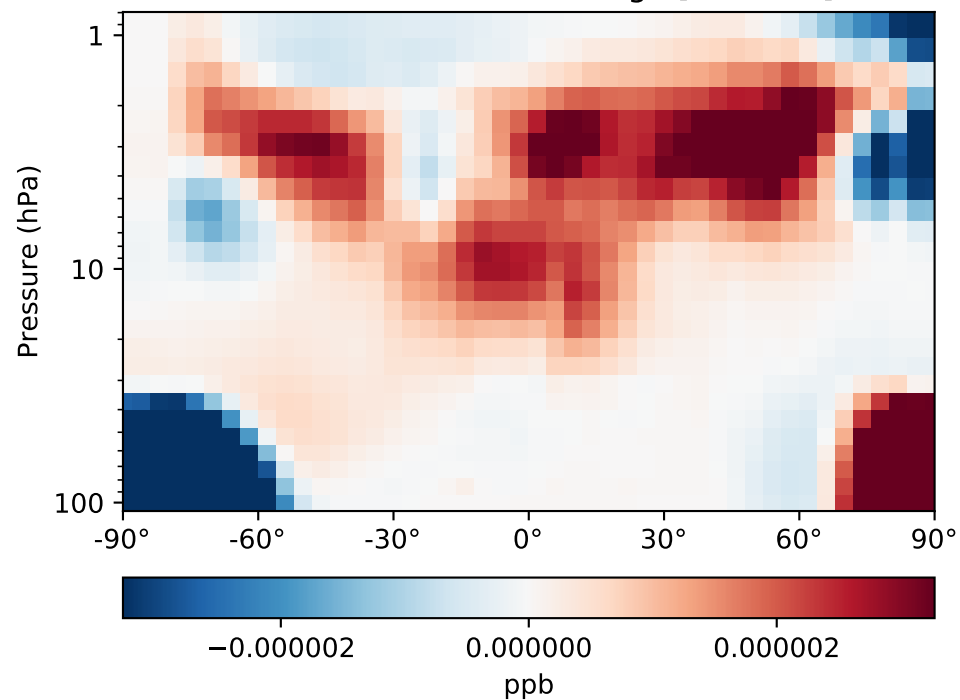
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



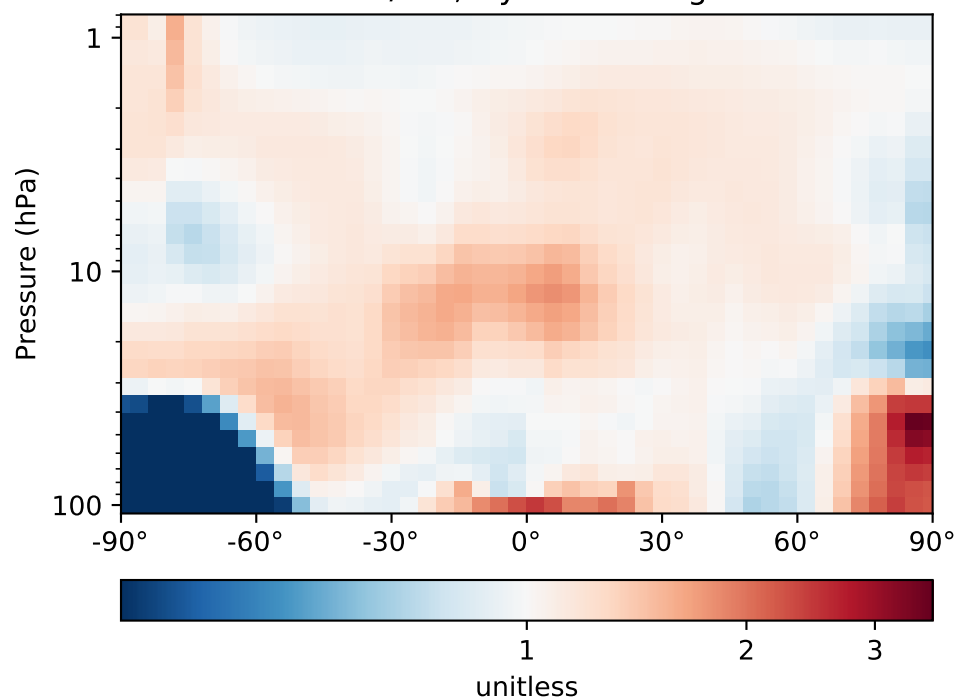
Difference
Dev - Ref, Dynamic Range



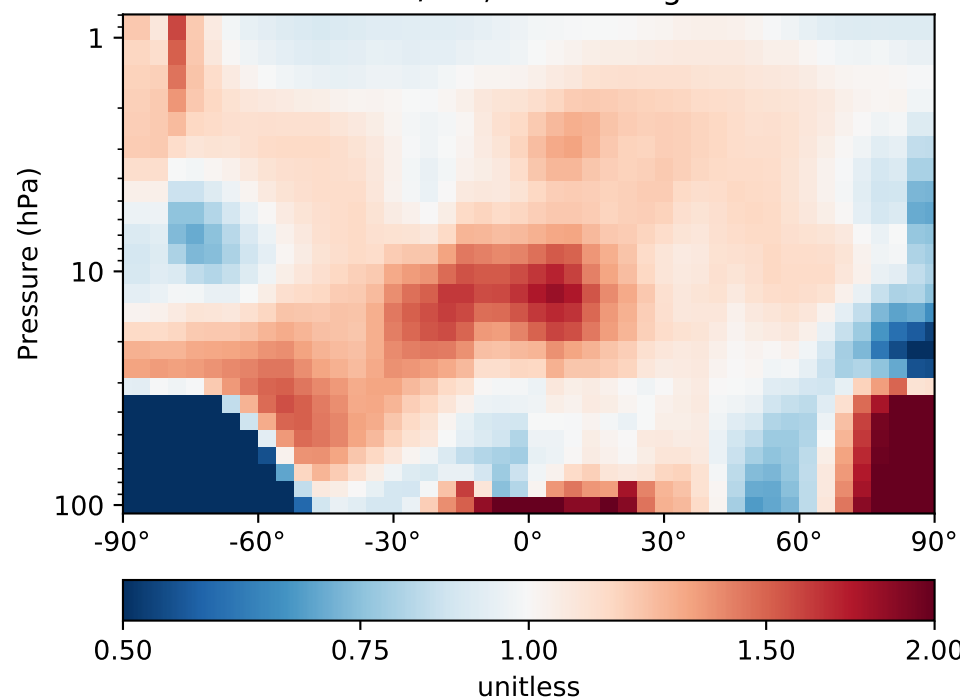
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

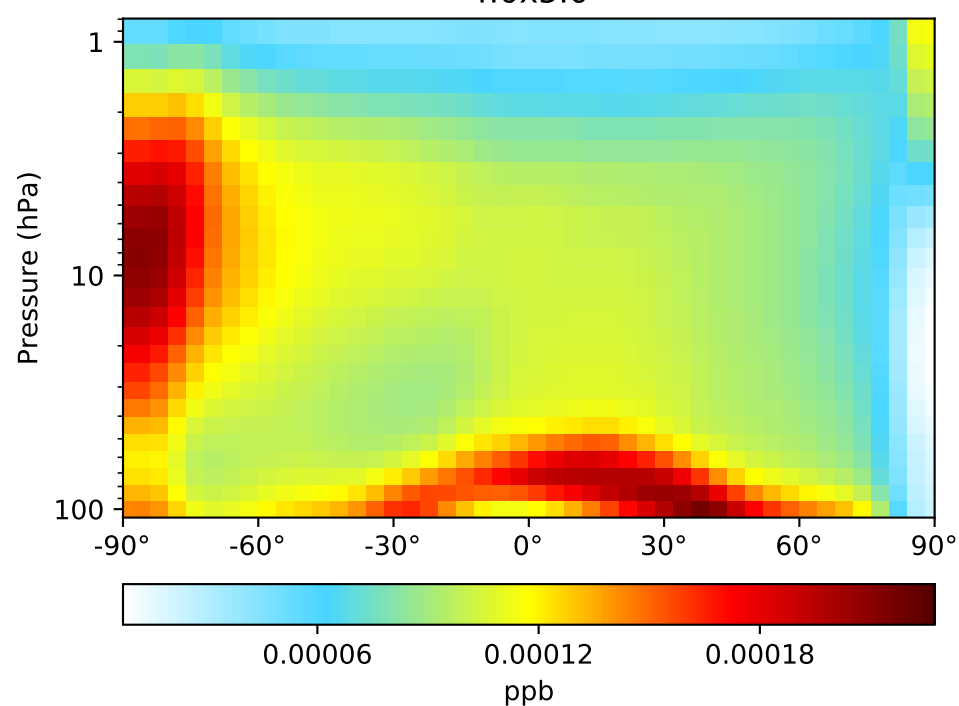


Ratio
Dev/Ref, Fixed Range

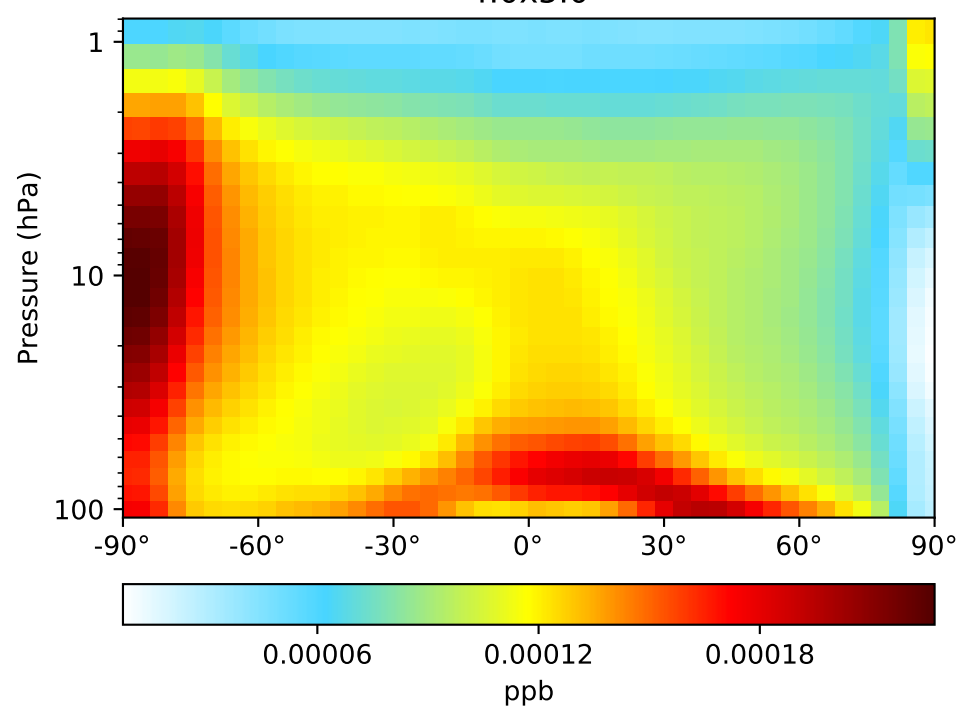


SpeciesConc_IO, Zonal Mean (Oct2019)

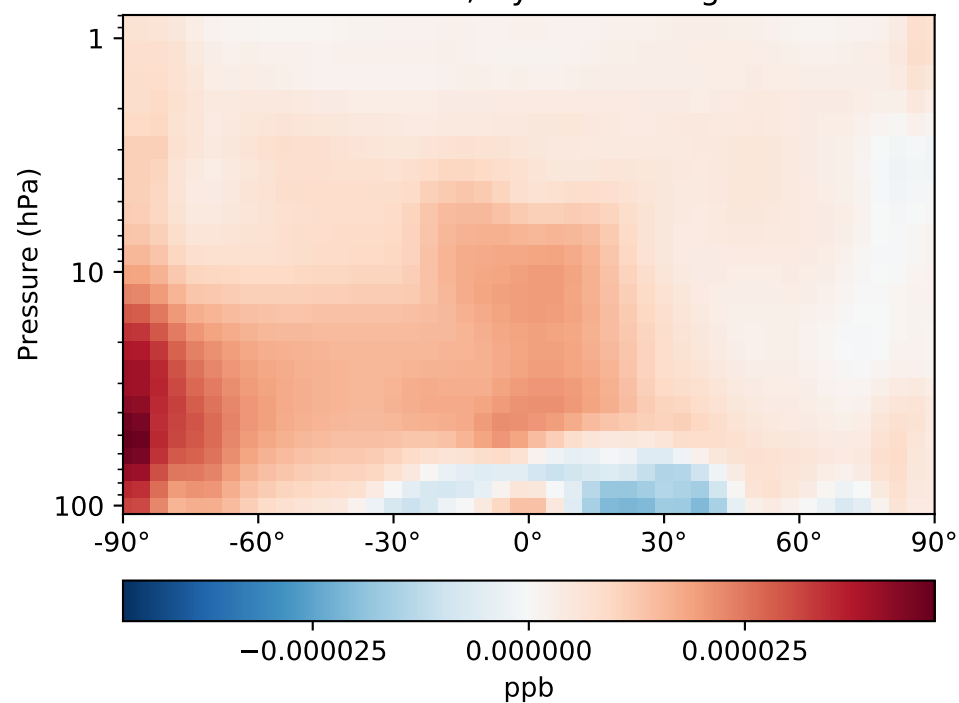
GCC_12.9.0 (Ref)
4.0x5.0



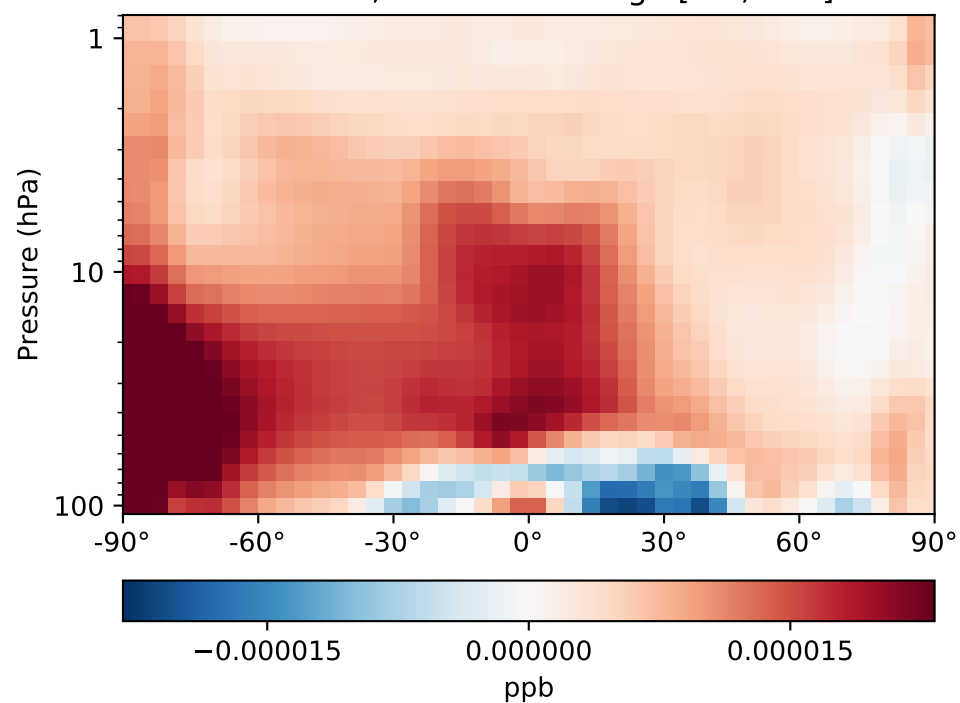
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



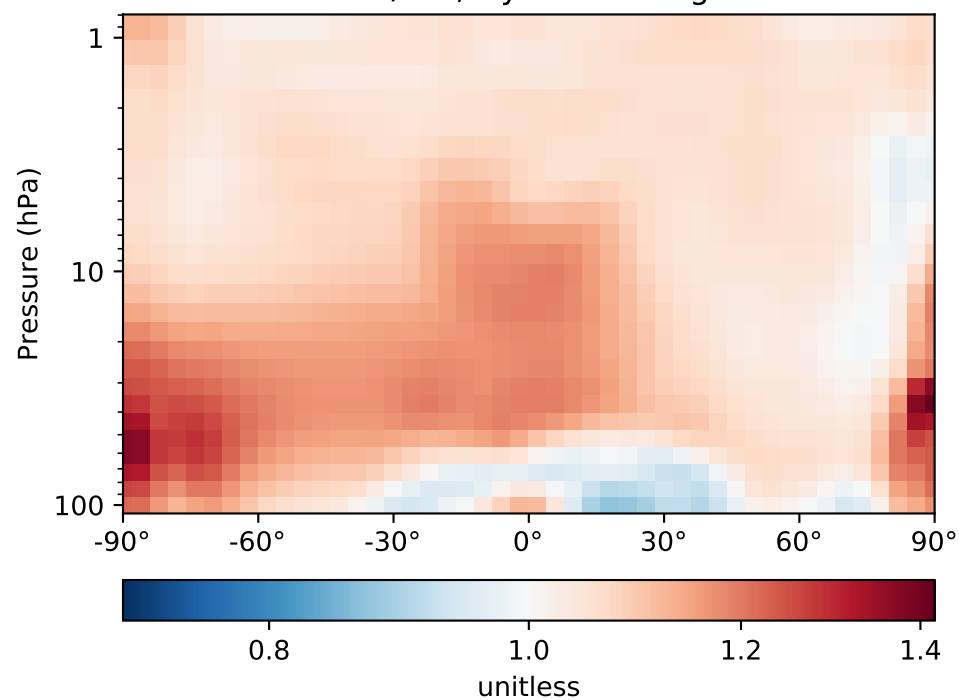
Difference
Dev - Ref, Dynamic Range



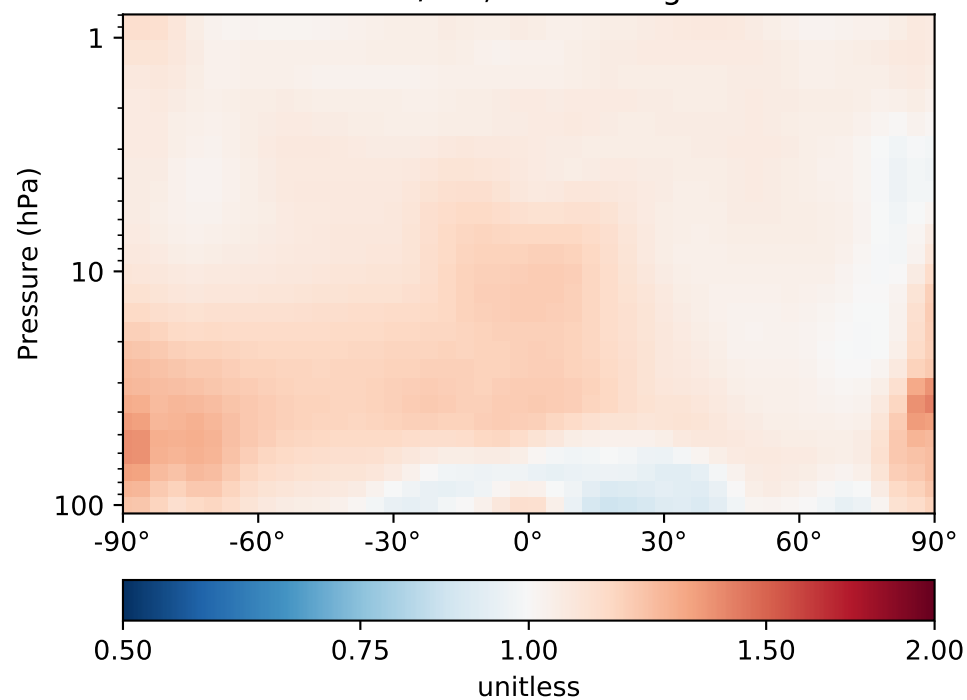
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

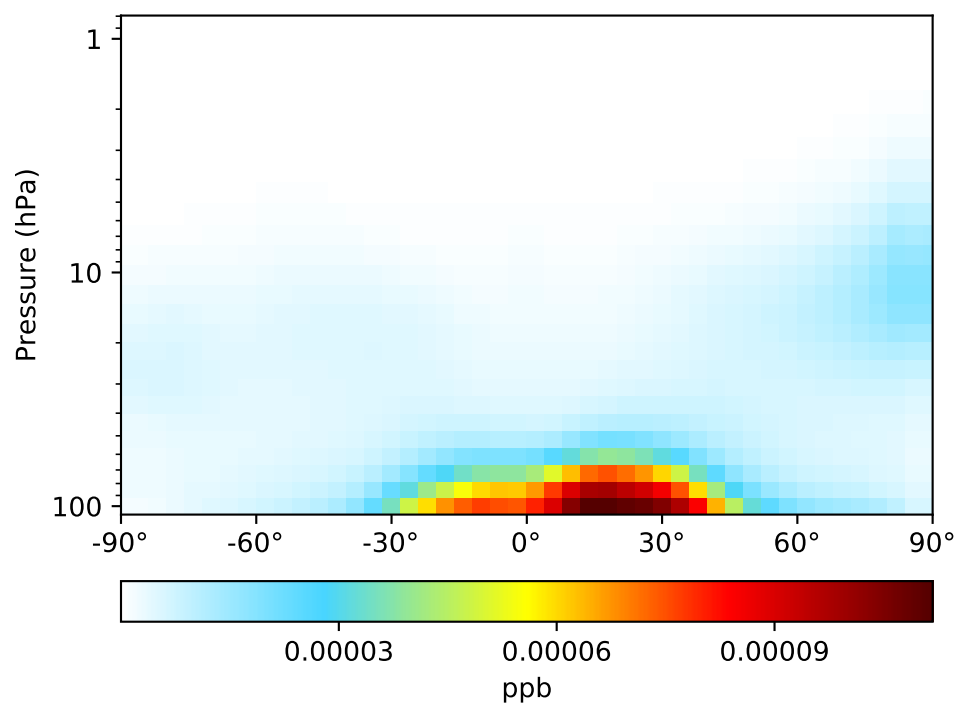


Ratio
Dev/Ref, Fixed Range

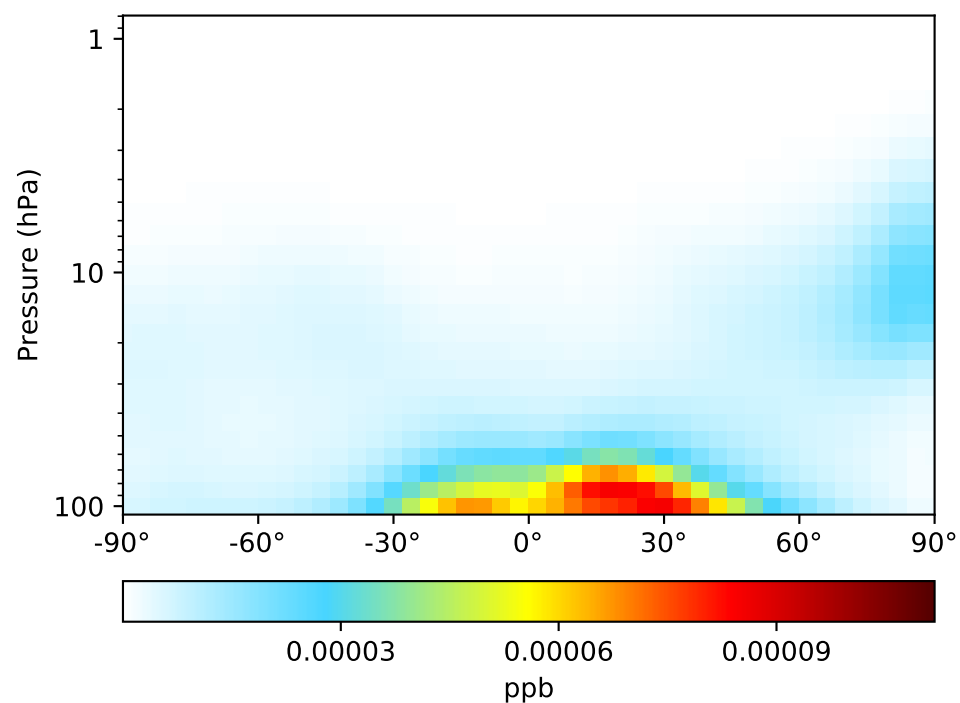


SpeciesConc_IONO, Zonal Mean (Oct2019)

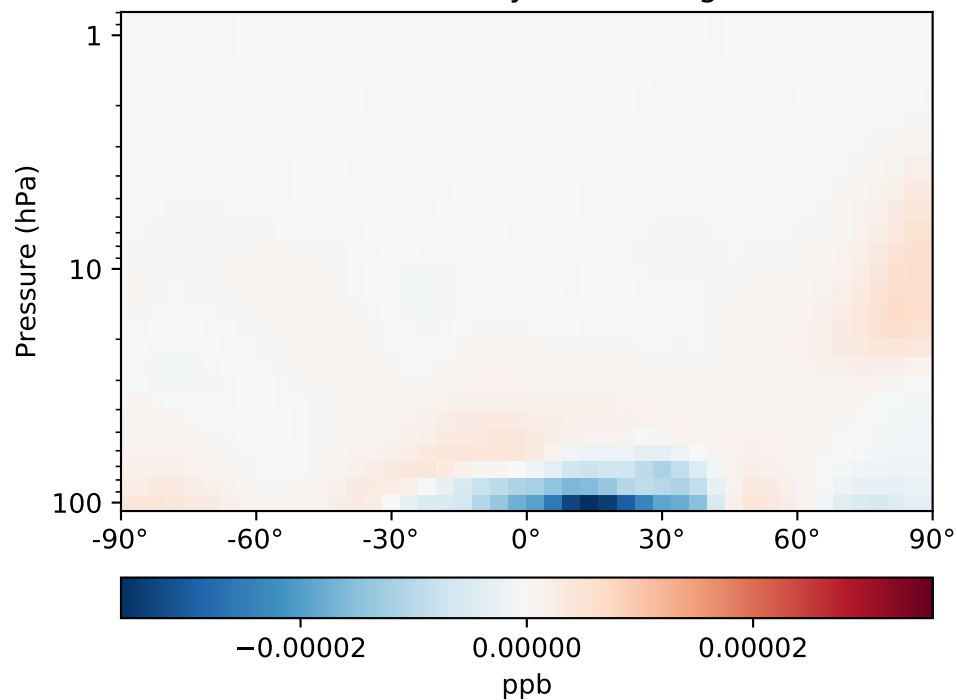
GCC_12.9.0 (Ref)
4.0x5.0



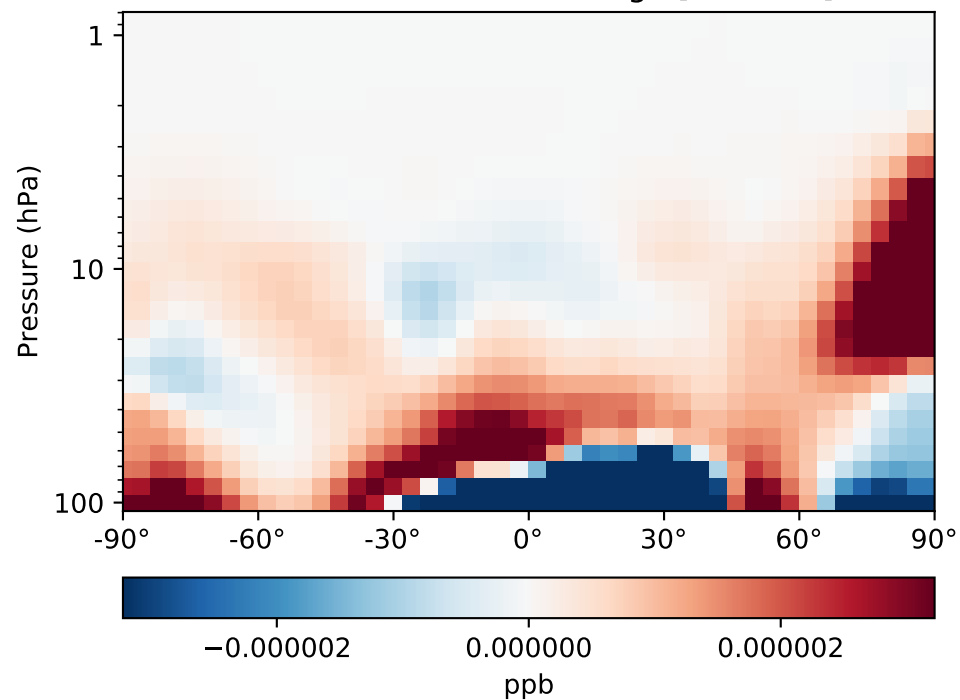
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



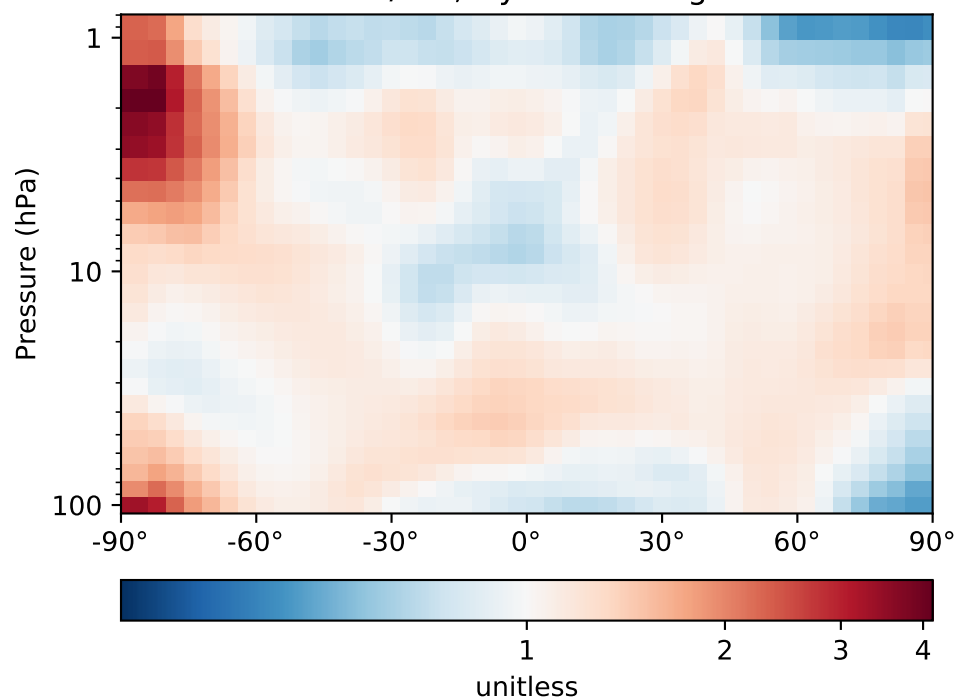
Difference
Dev - Ref, Dynamic Range



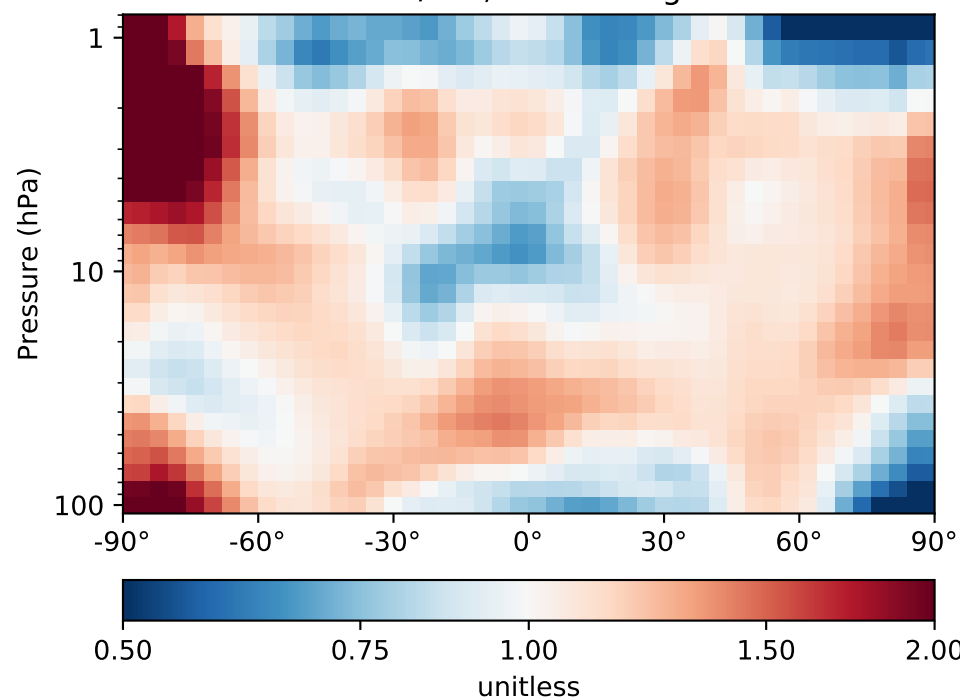
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

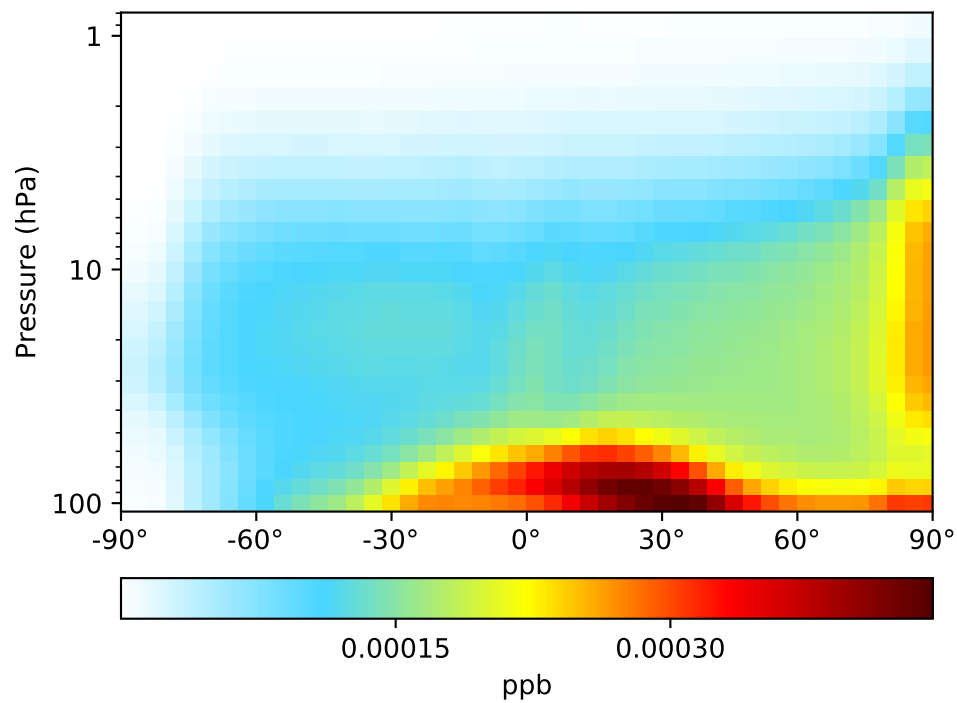


Ratio
Dev/Ref, Fixed Range

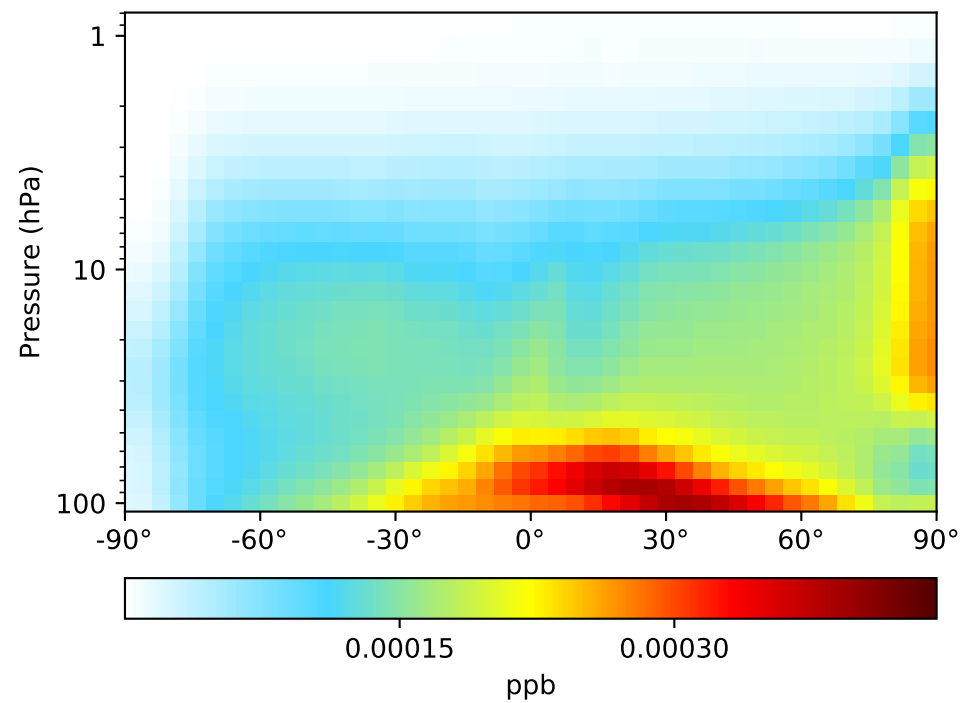


SpeciesConc_IONO2, Zonal Mean (Oct2019)

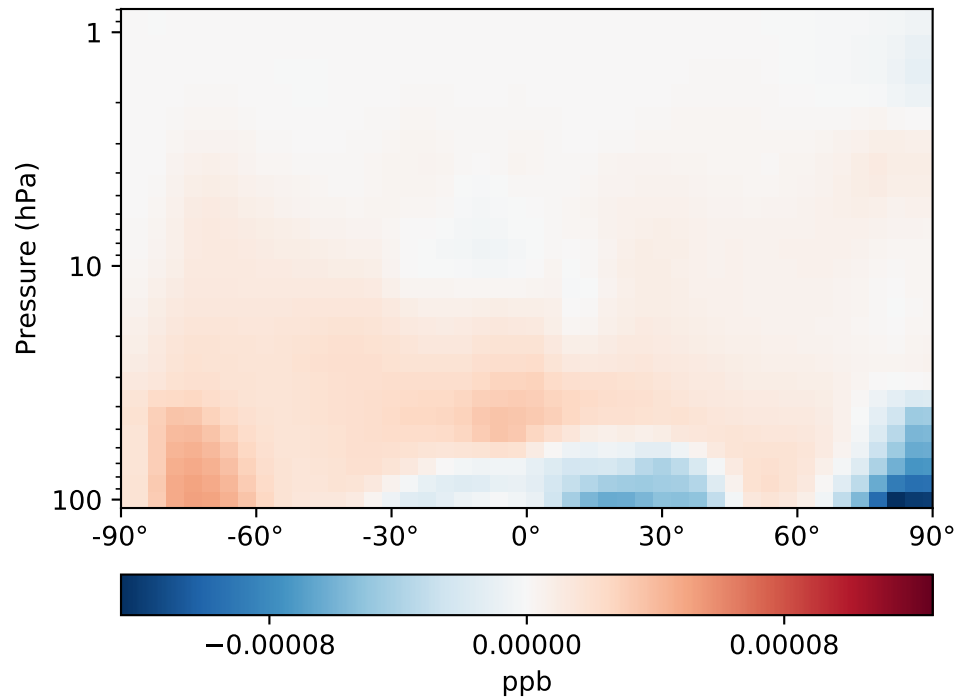
GCC_12.9.0 (Ref)
4.0x5.0



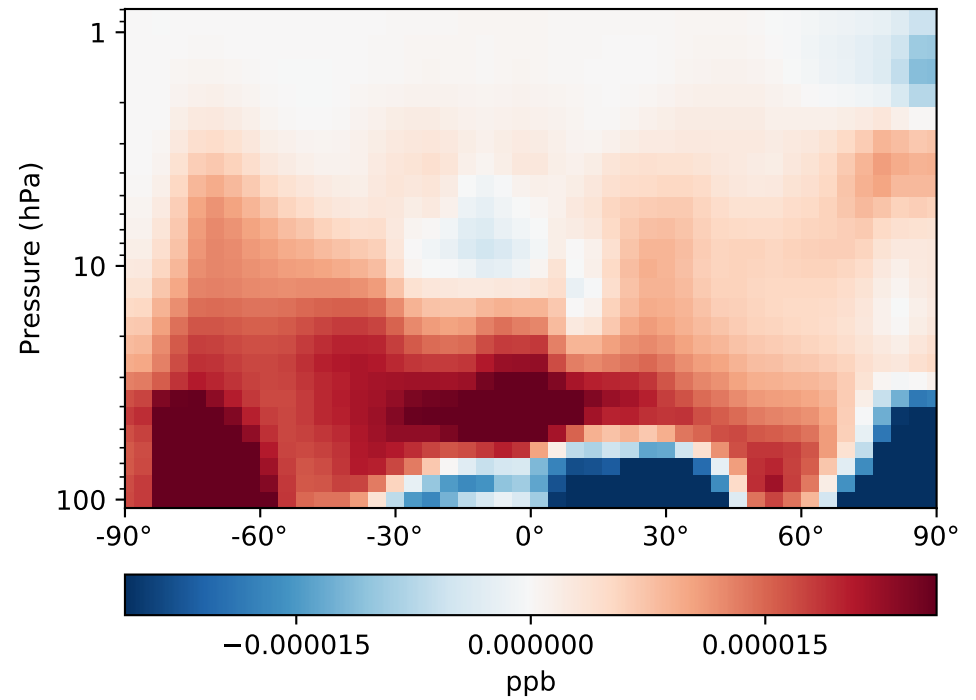
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



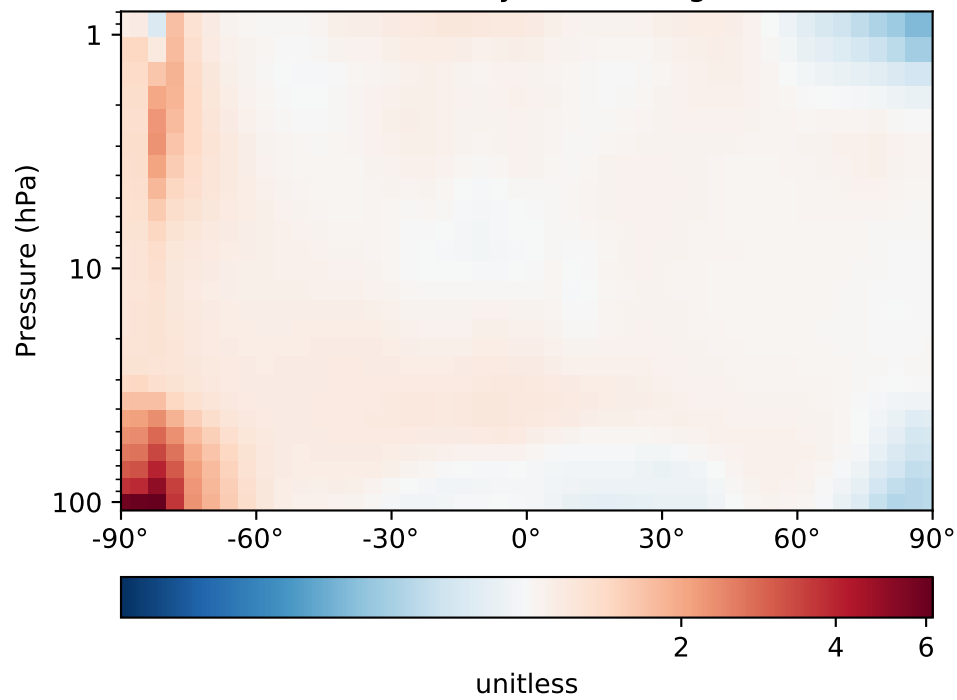
Difference
Dev - Ref, Dynamic Range



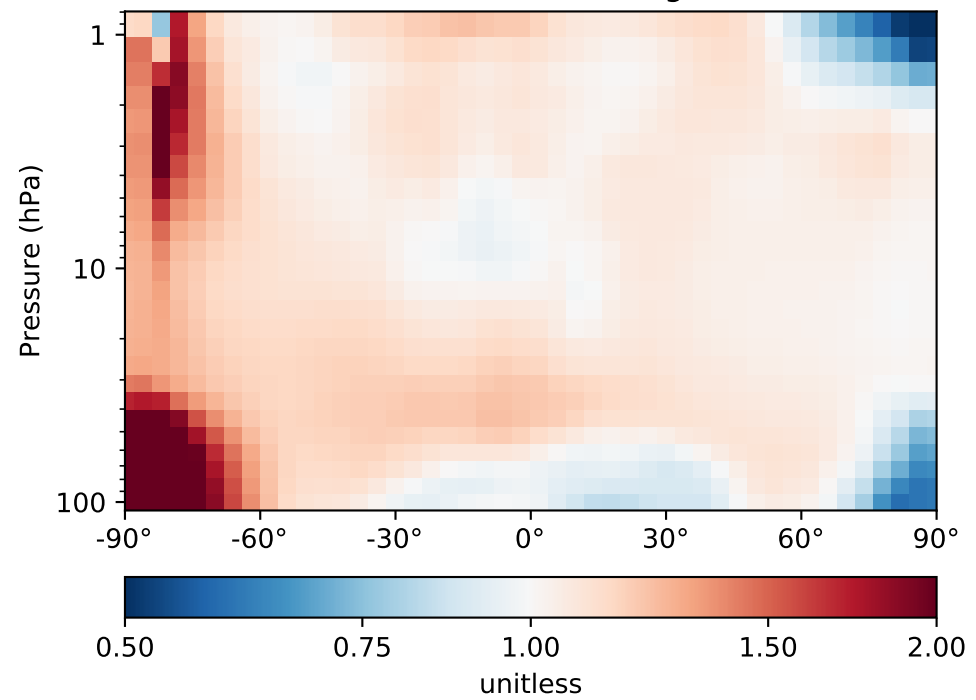
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

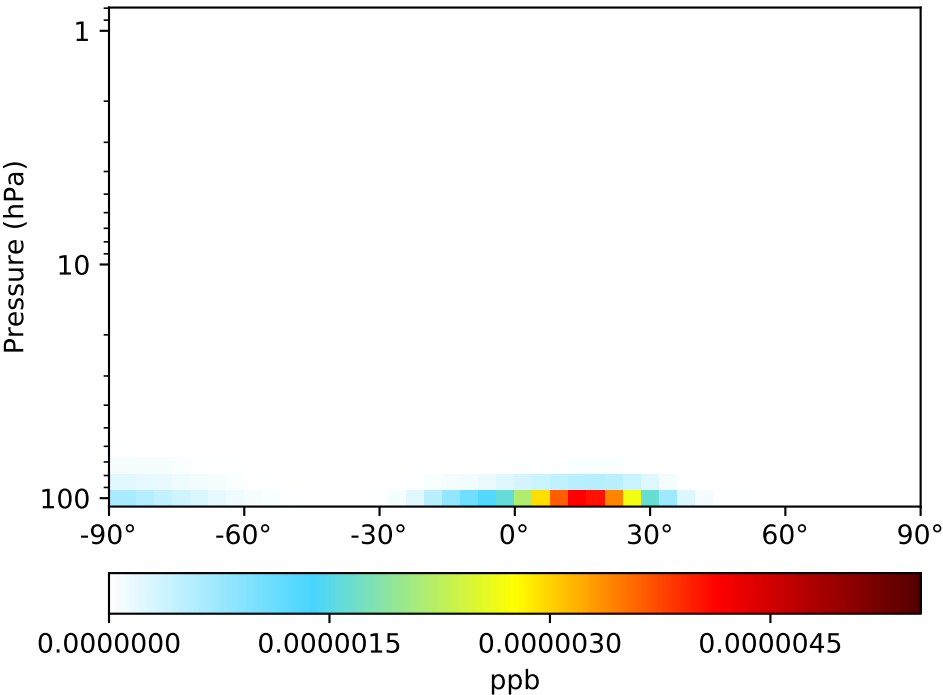


Ratio
Dev/Ref, Fixed Range

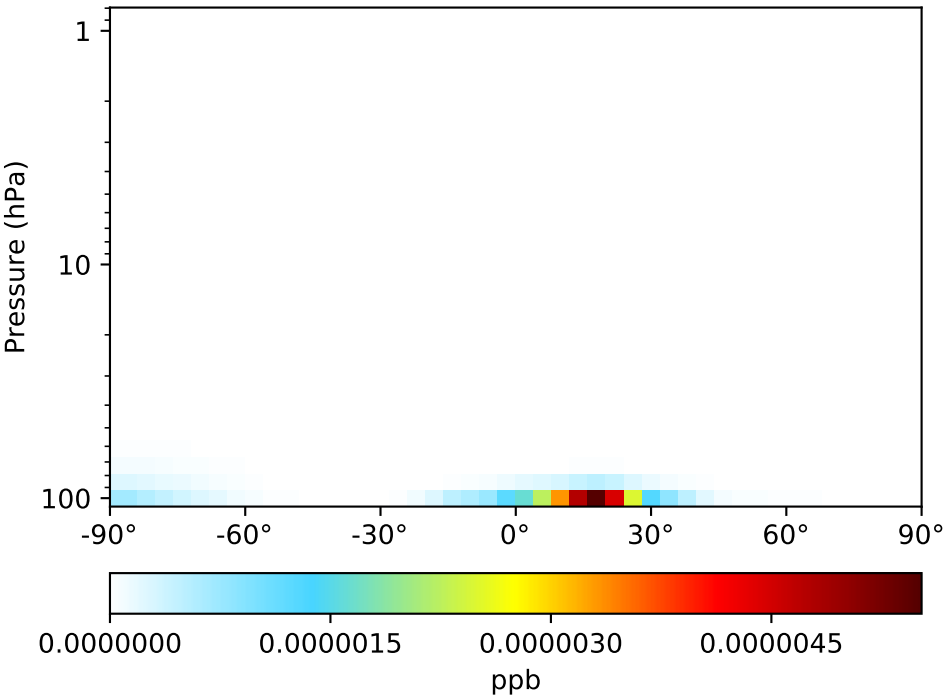


SpeciesConc_CH3I, Zonal Mean (Oct2019)

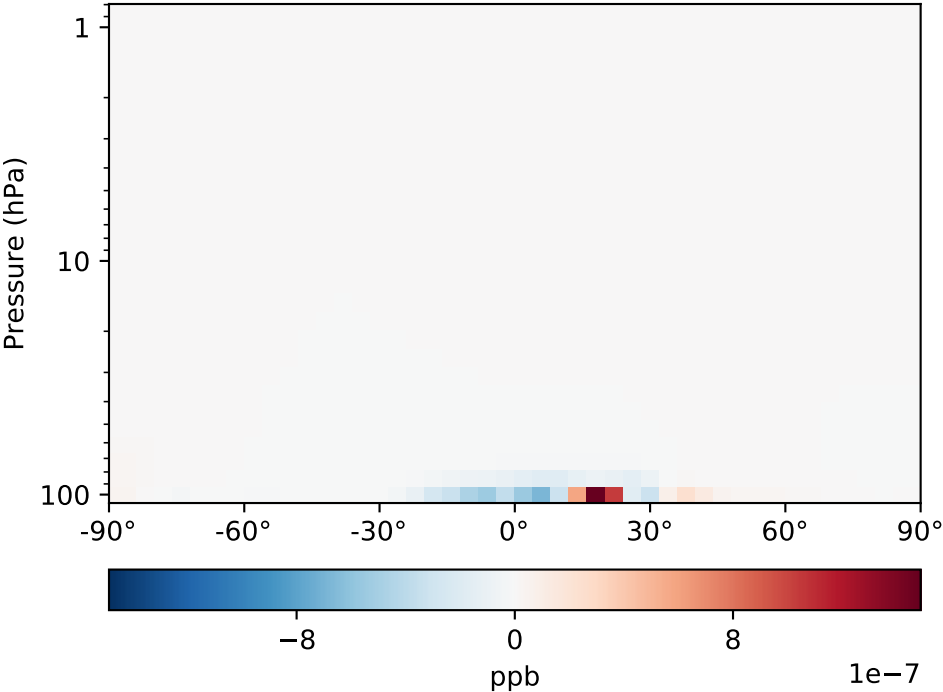
GCC_12.9.0 (Ref)
4.0x5.0



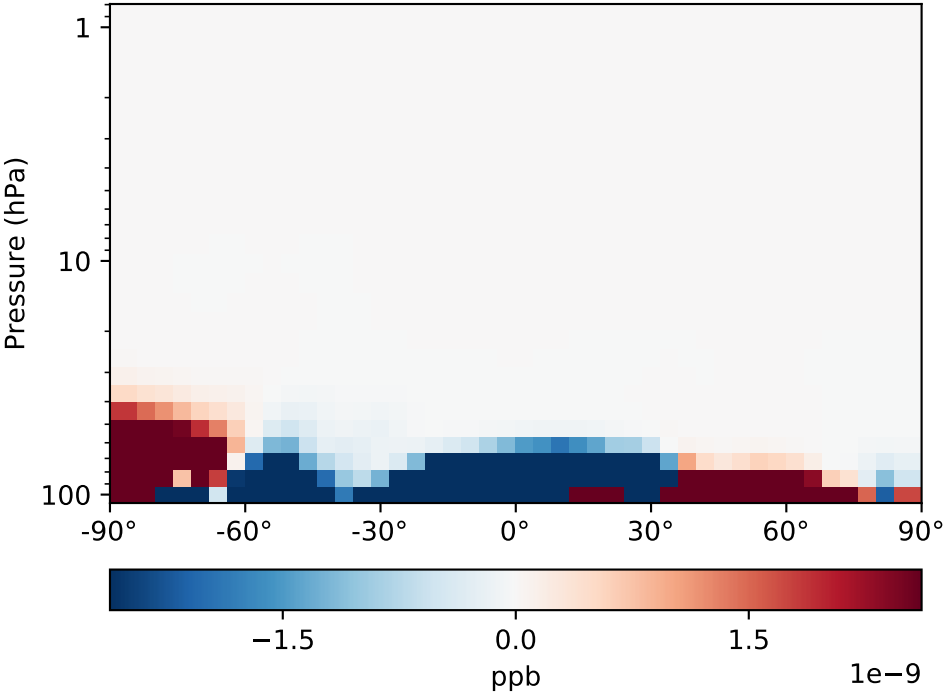
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



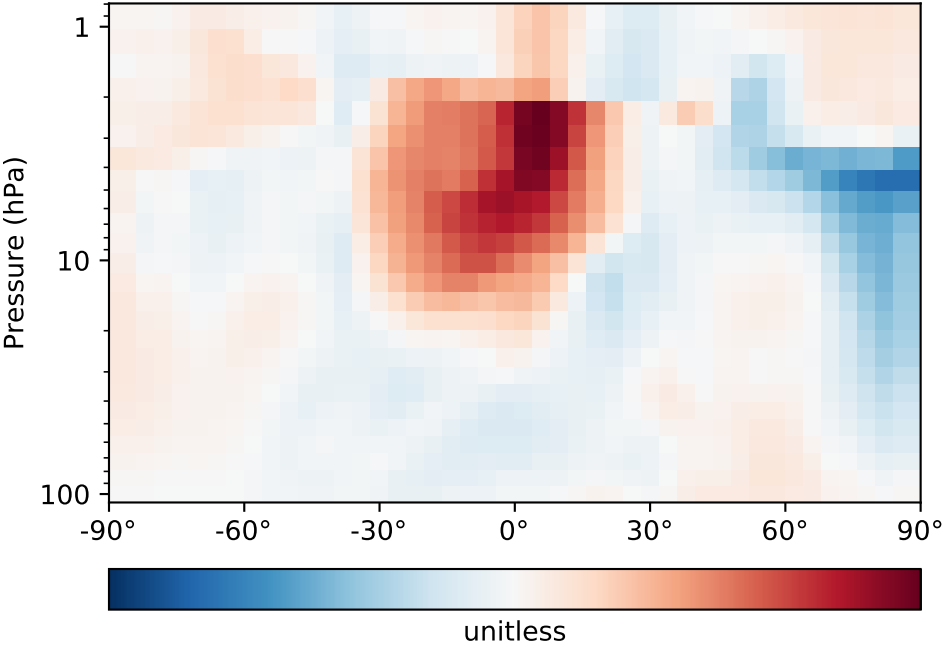
Difference
Dev - Ref, Dynamic Range



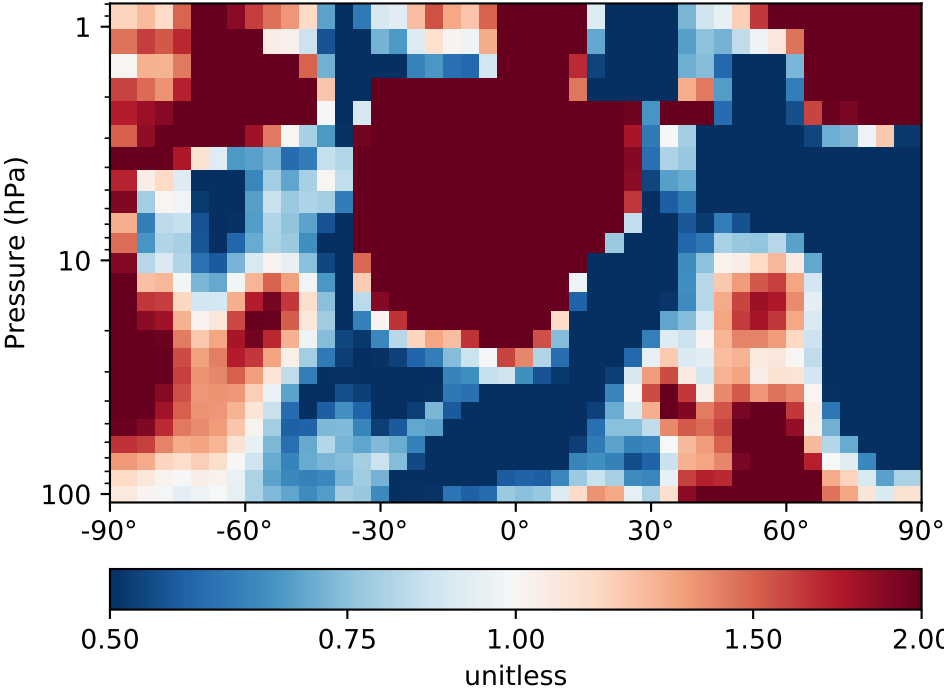
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

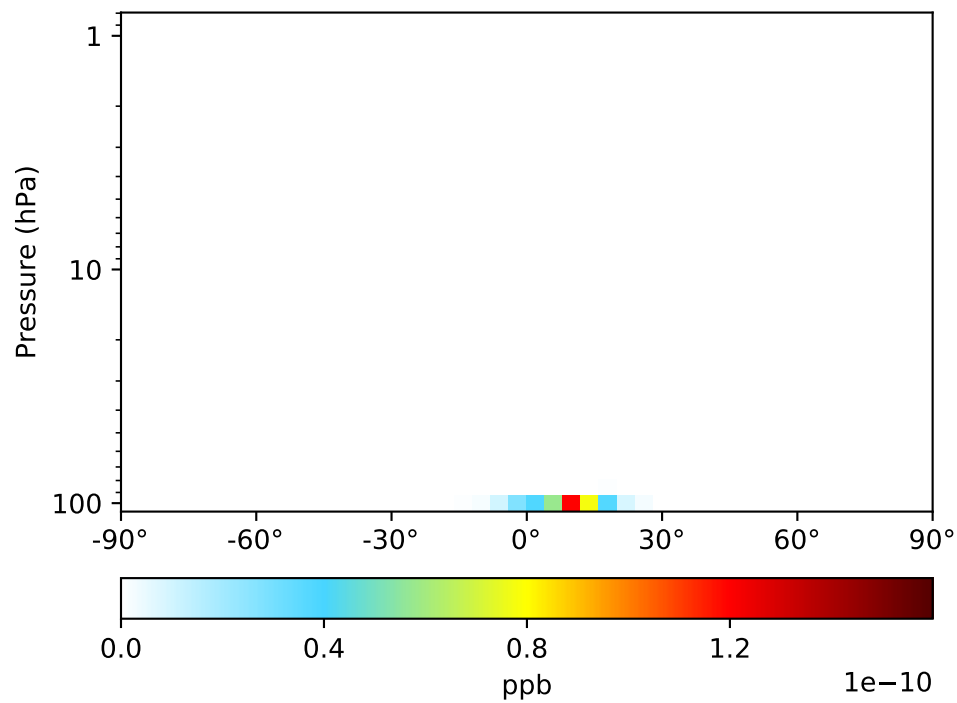


Ratio
Dev/Ref, Fixed Range

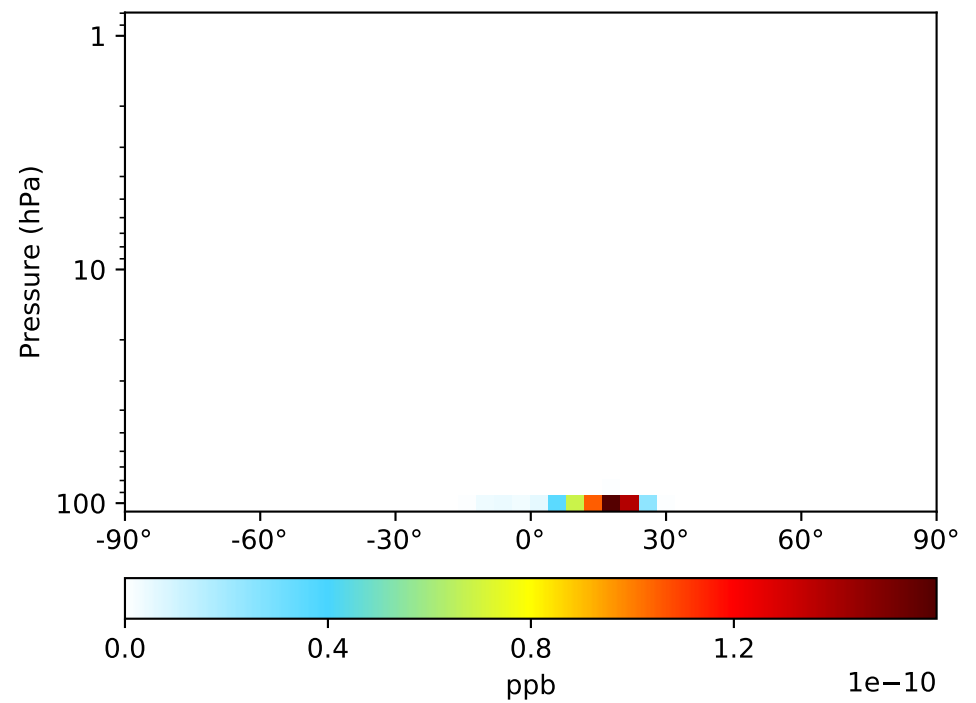


SpeciesConc_CH2I2, Zonal Mean (Oct2019)

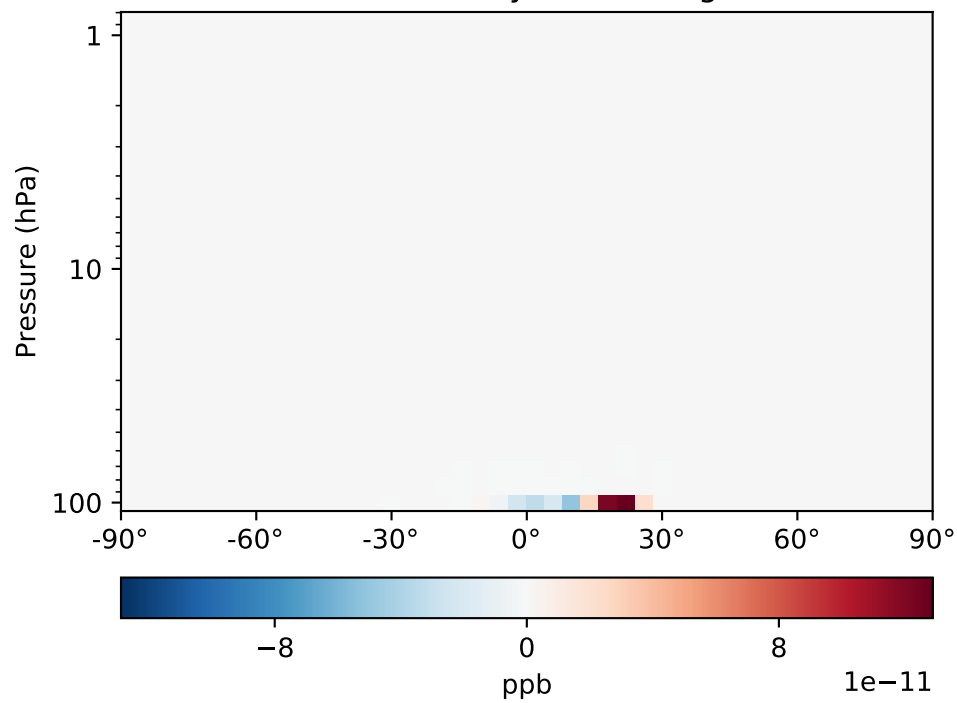
GCC_12.9.0 (Ref)
4.0x5.0



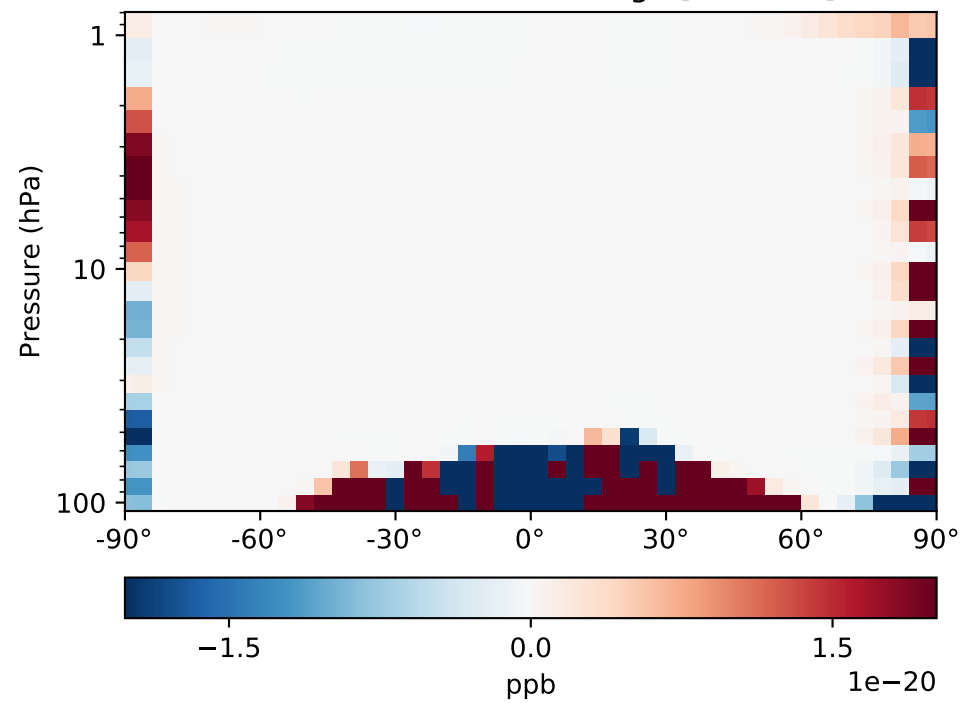
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



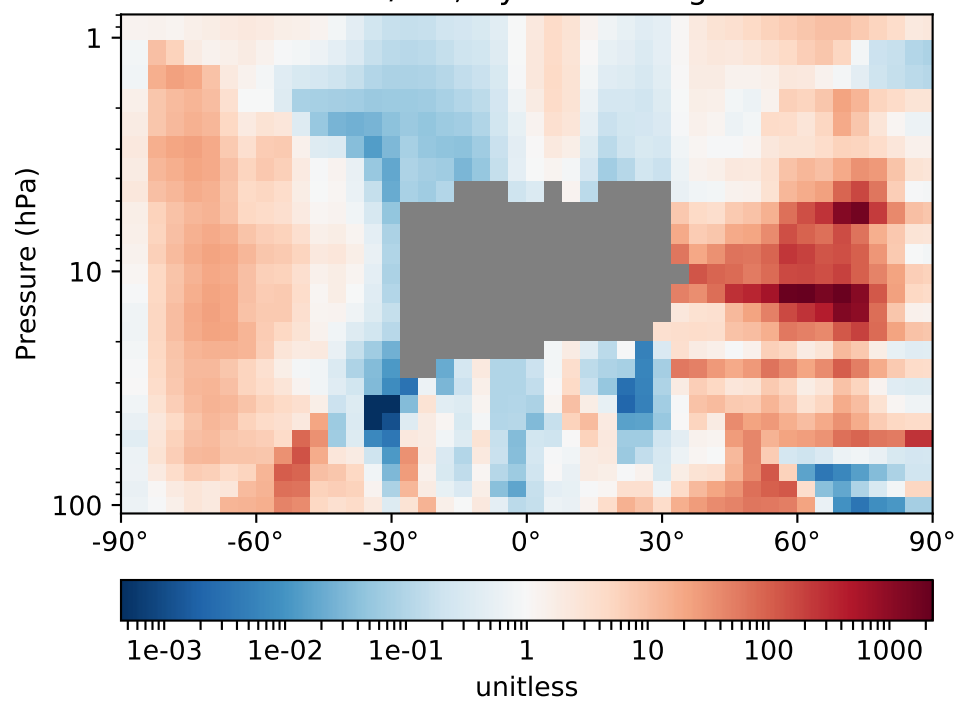
Difference
Dev - Ref, Dynamic Range



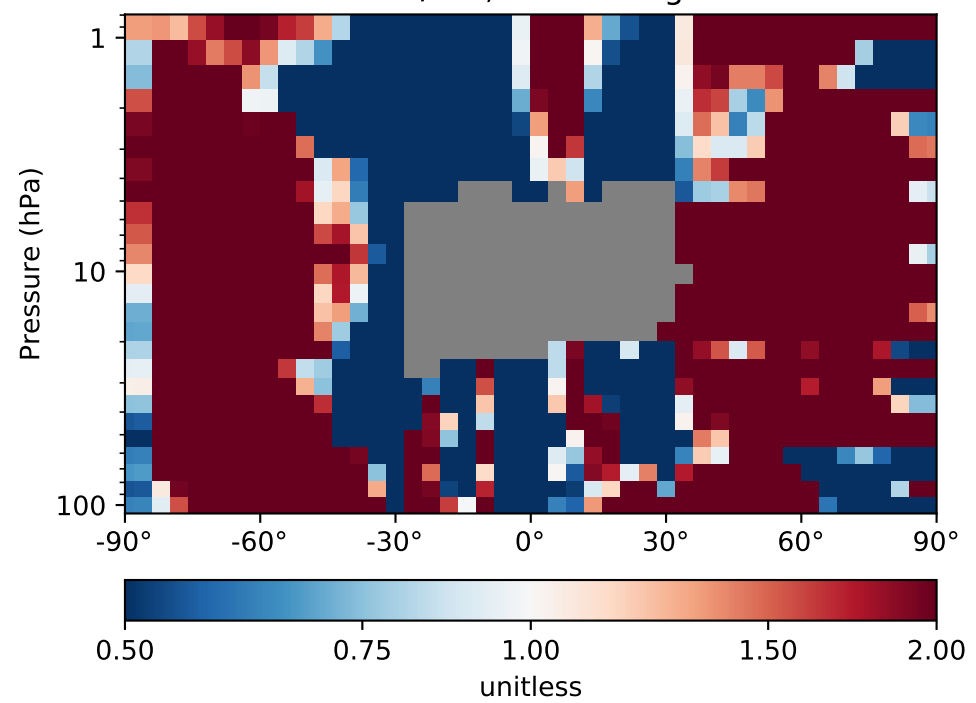
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

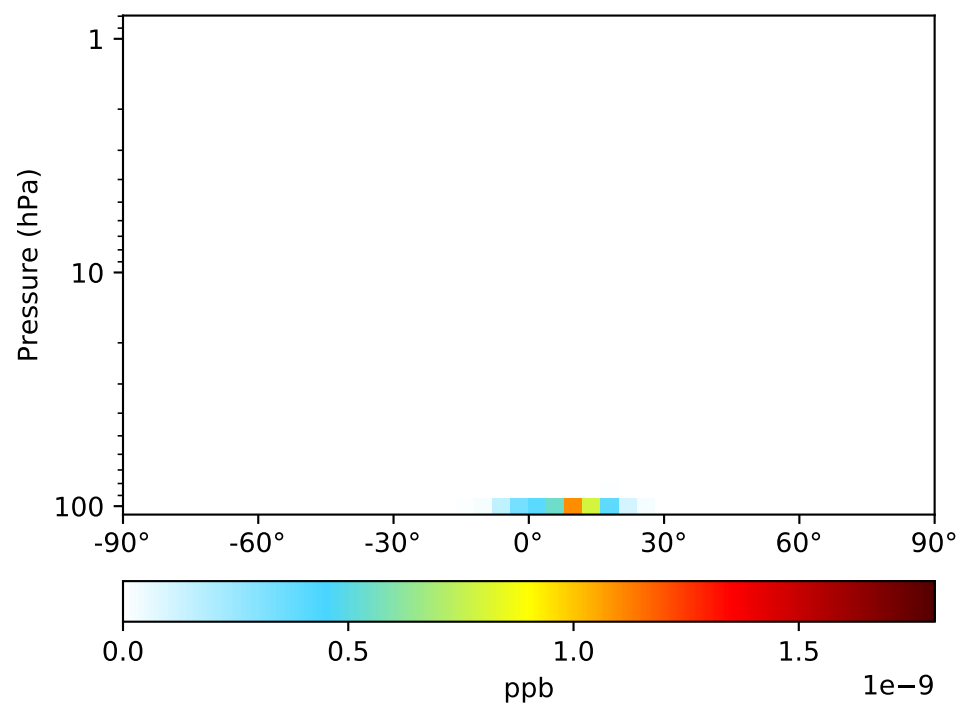


Ratio
Dev/Ref, Fixed Range

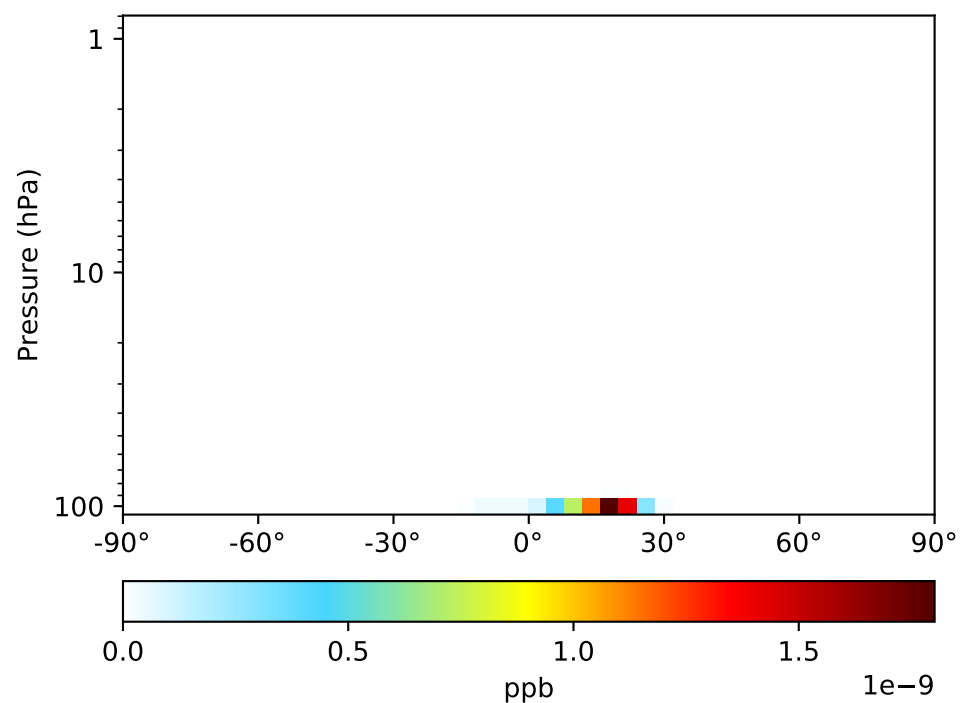


SpeciesConc_CH2ICl, Zonal Mean (Oct2019)

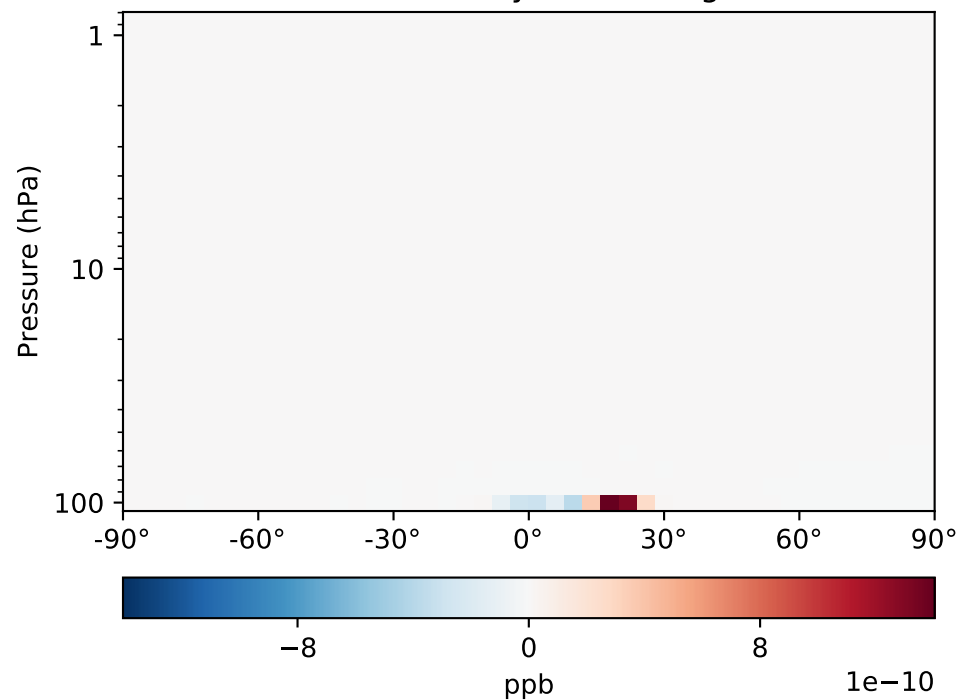
GCC_12.9.0 (Ref)
4.0x5.0



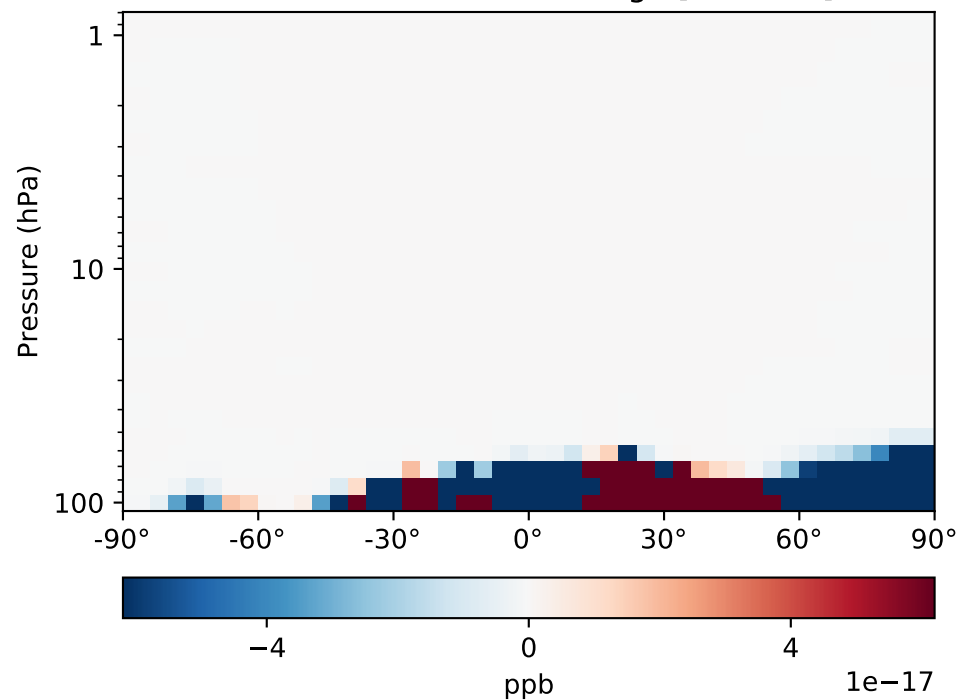
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



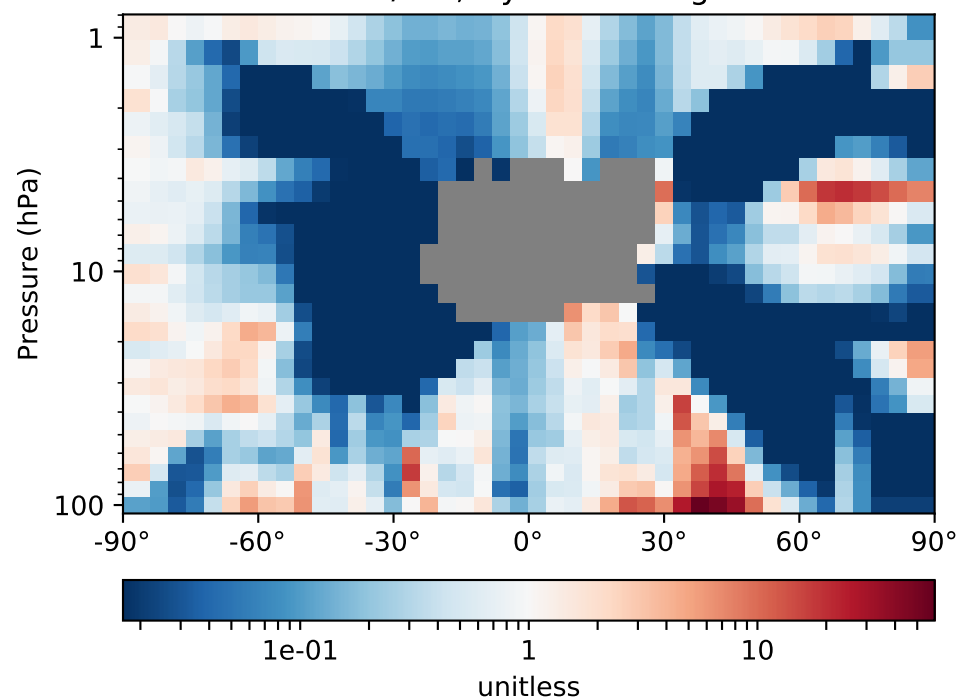
Difference
Dev - Ref, Dynamic Range



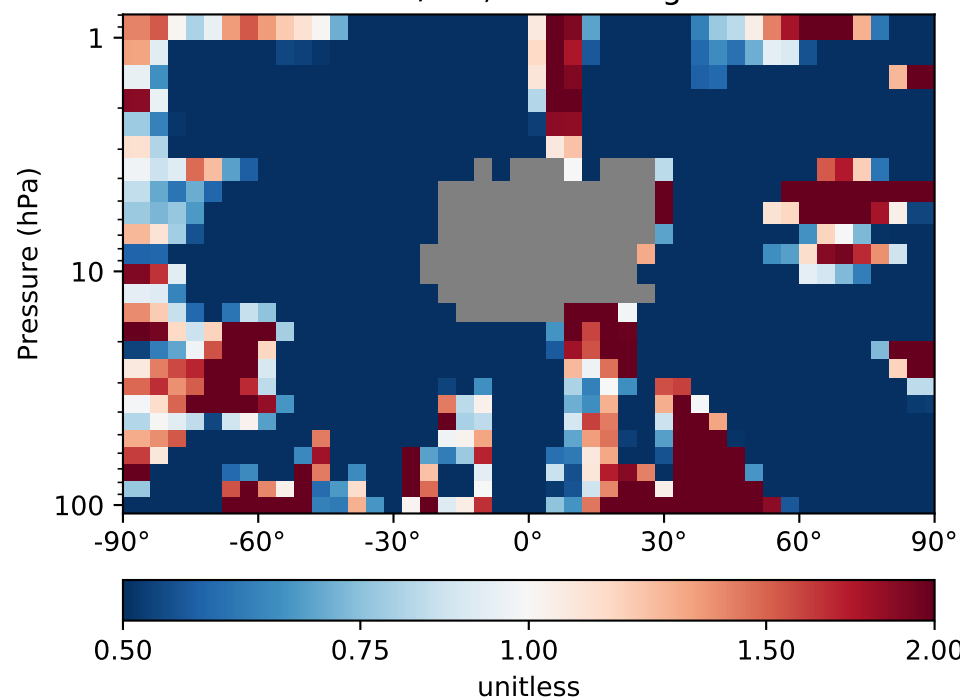
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

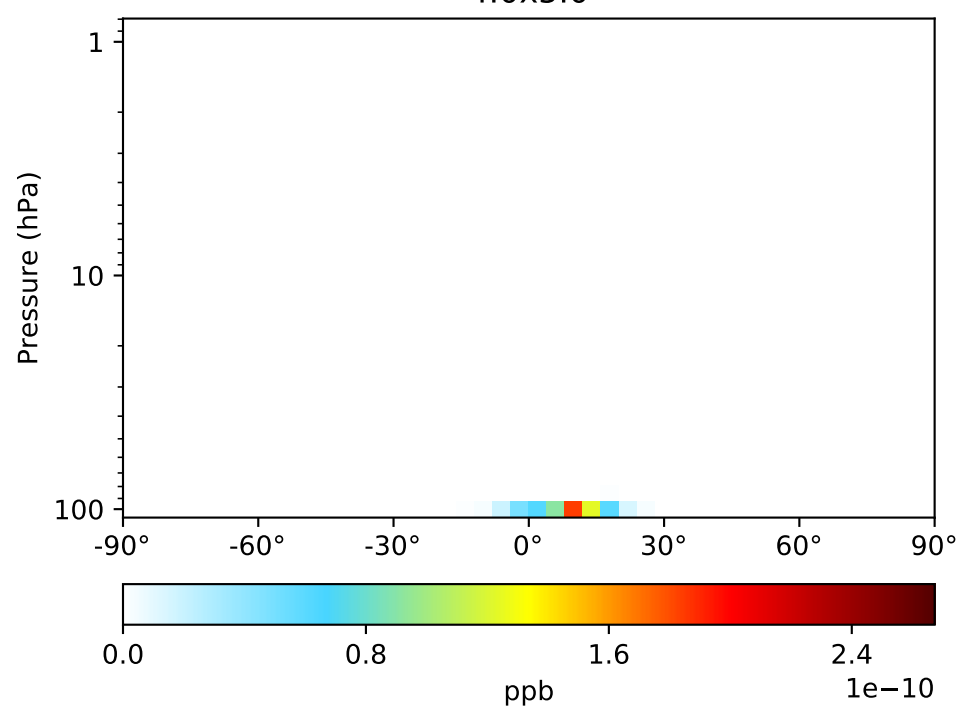


Ratio
Dev/Ref, Fixed Range

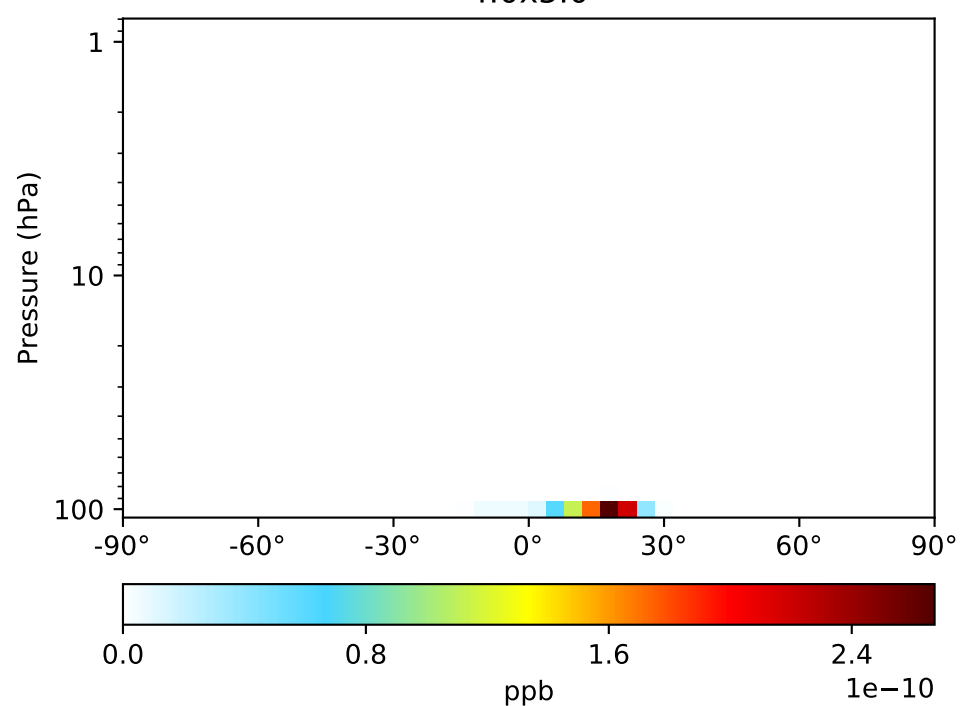


SpeciesConc_CH2IBr, Zonal Mean (Oct2019)

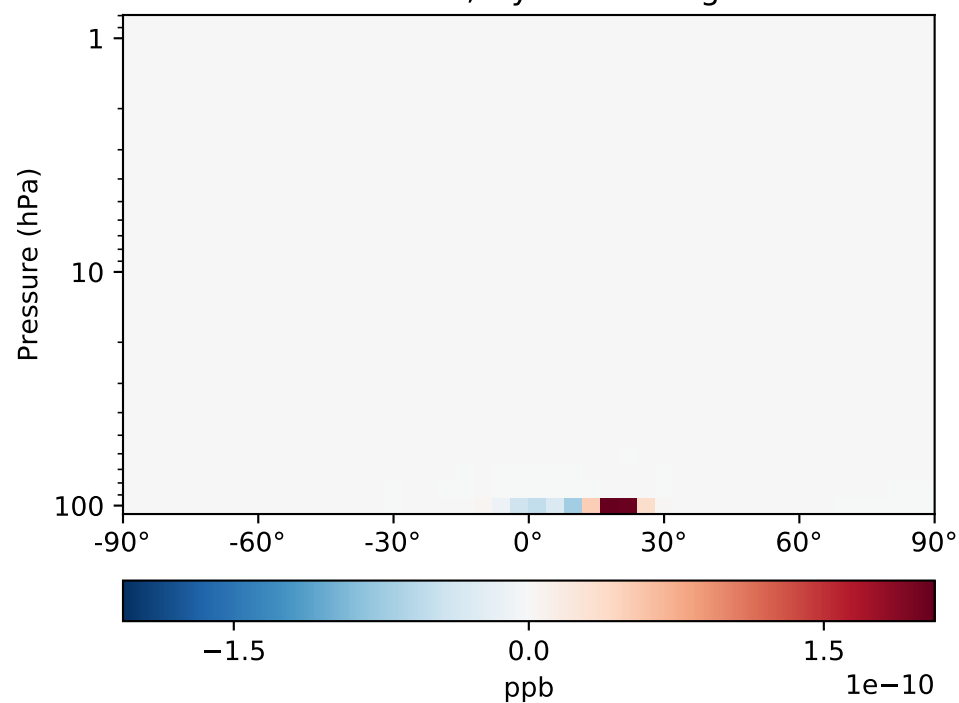
GCC_12.9.0 (Ref)
4.0x5.0



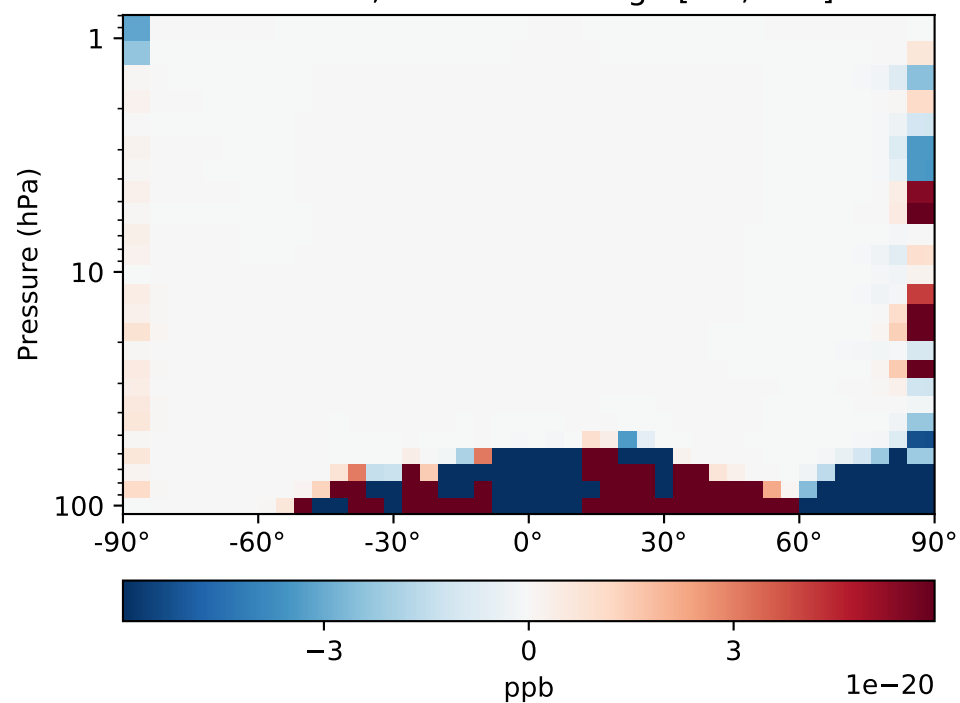
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



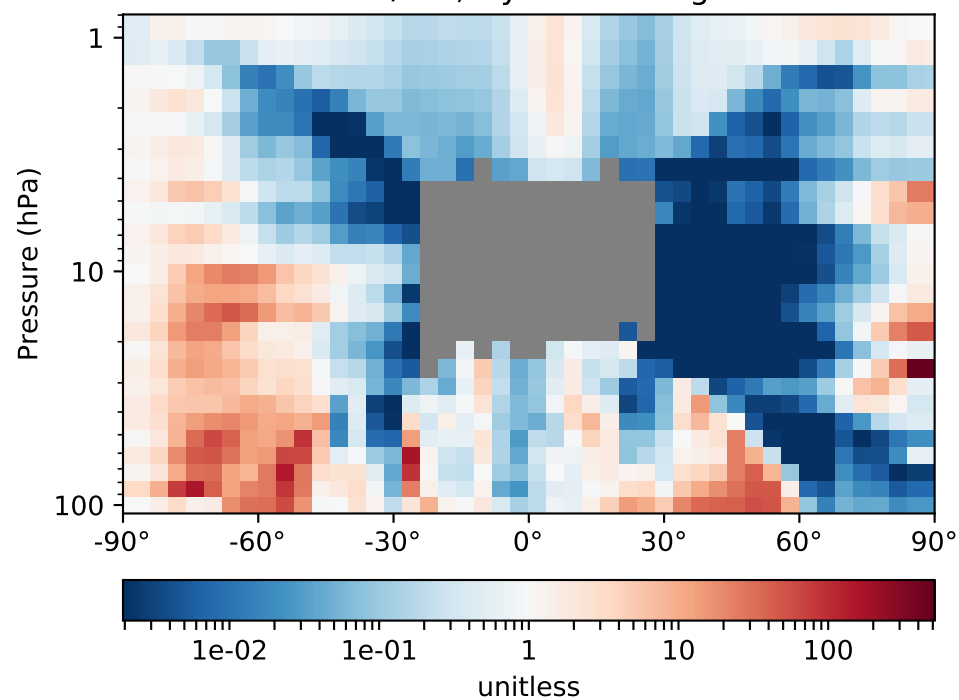
Difference
Dev - Ref, Dynamic Range



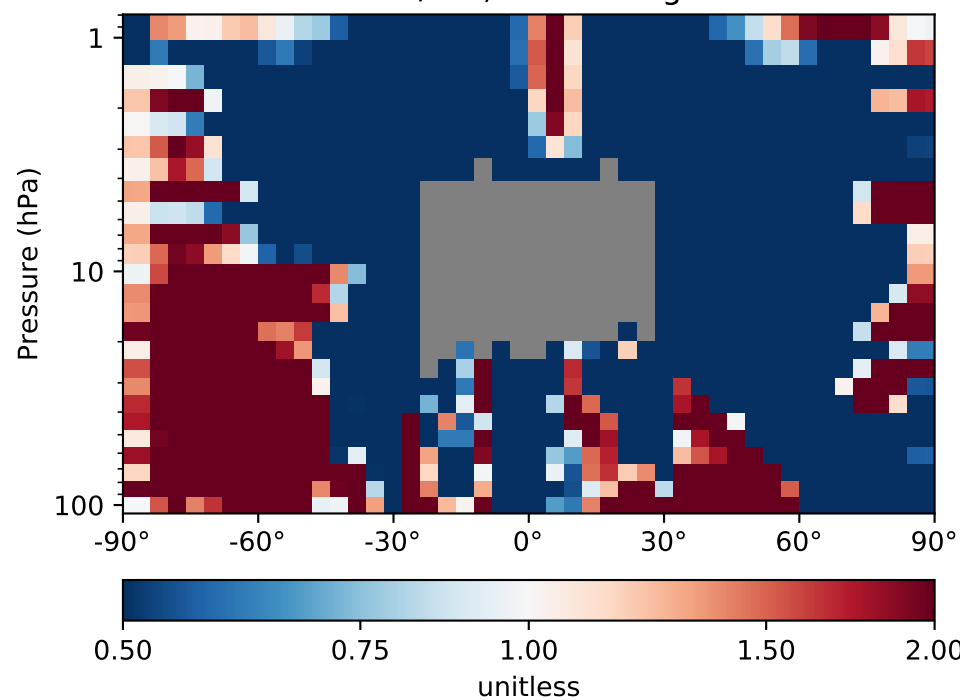
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

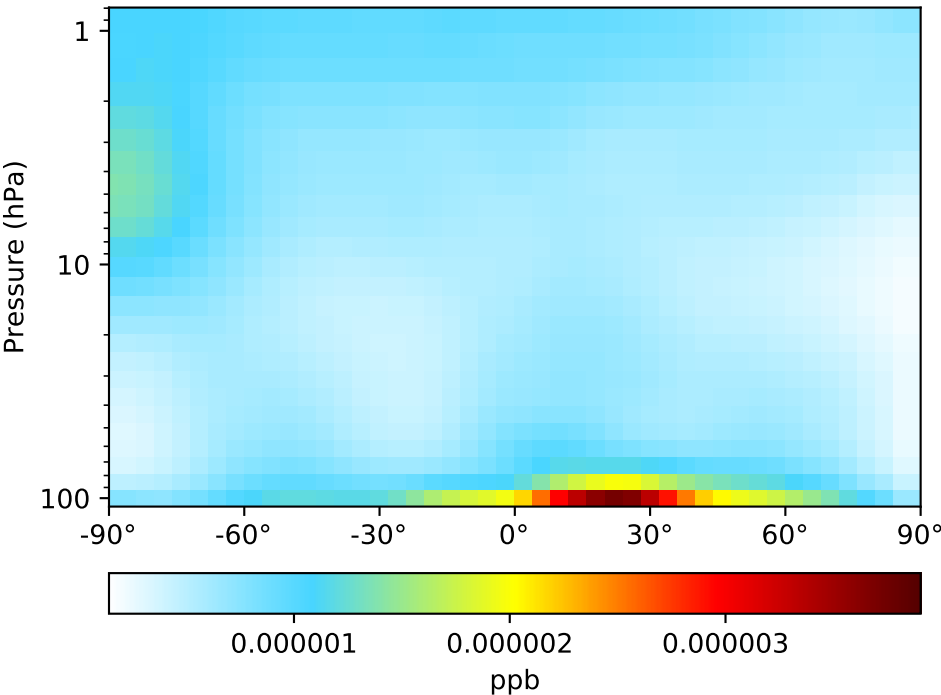


Ratio
Dev/Ref, Fixed Range

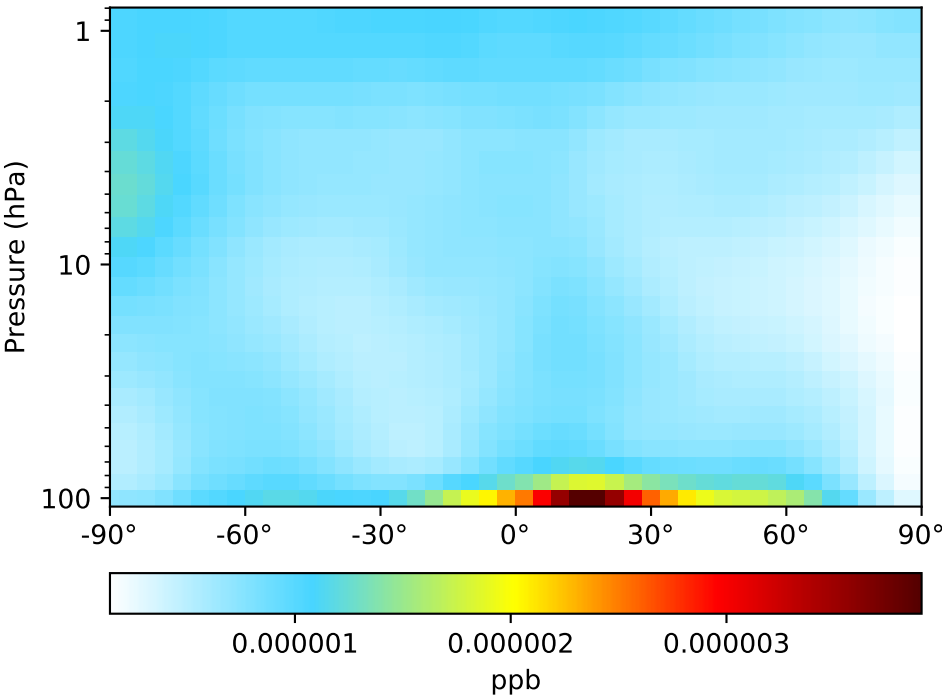


SpeciesConc_HI, Zonal Mean (Oct2019)

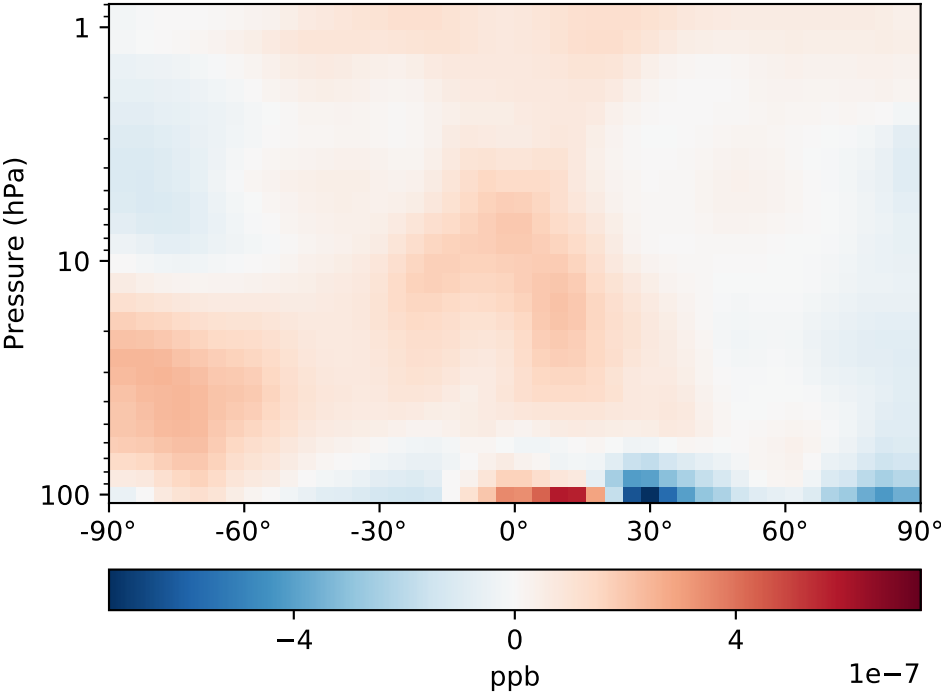
GCC_12.9.0 (Ref)
4.0x5.0



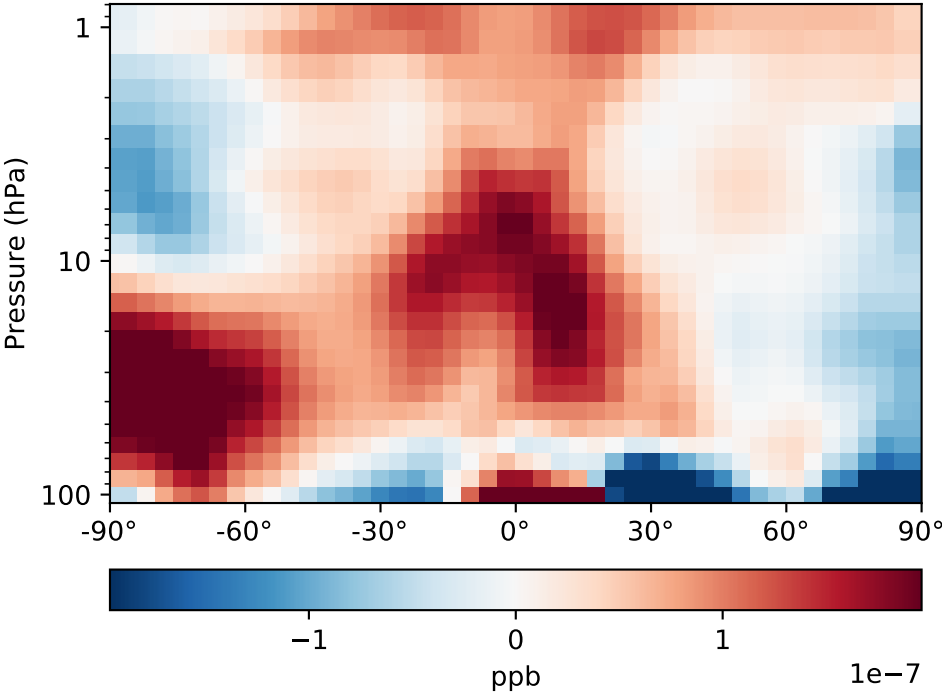
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



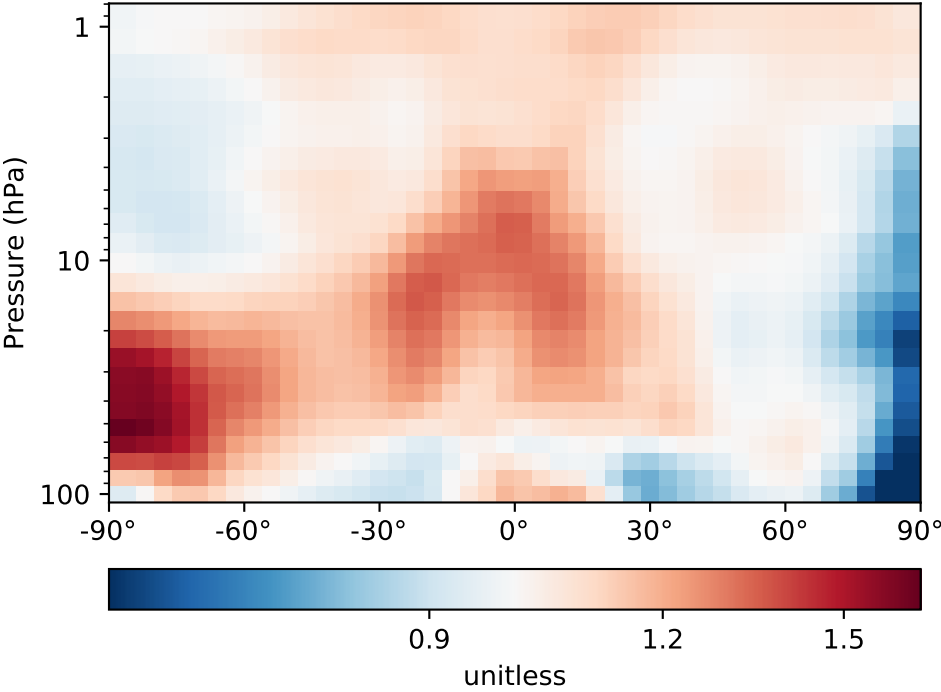
Difference
Dev - Ref, Dynamic Range



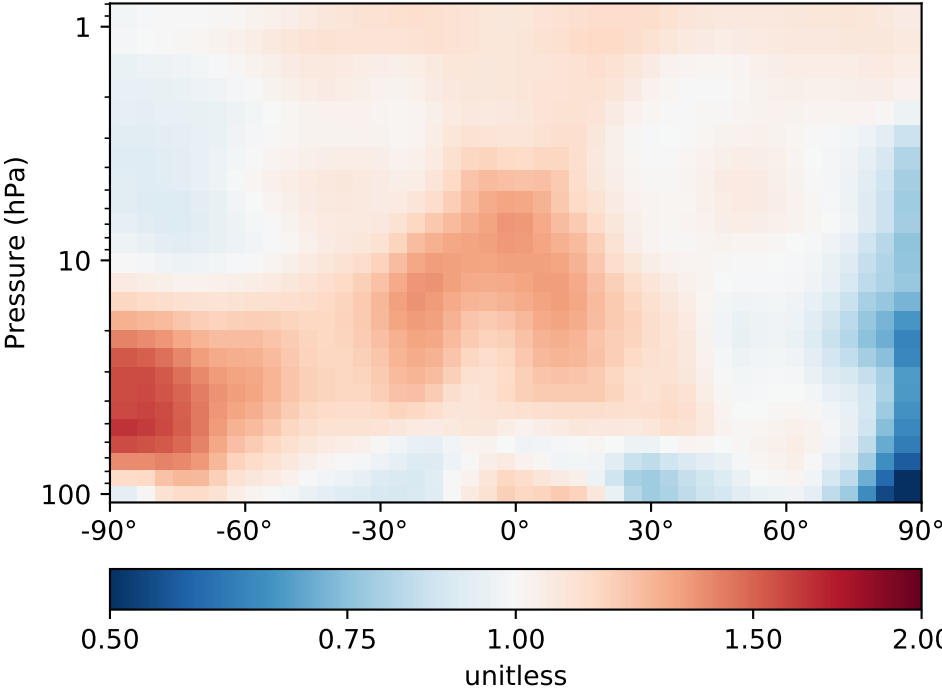
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

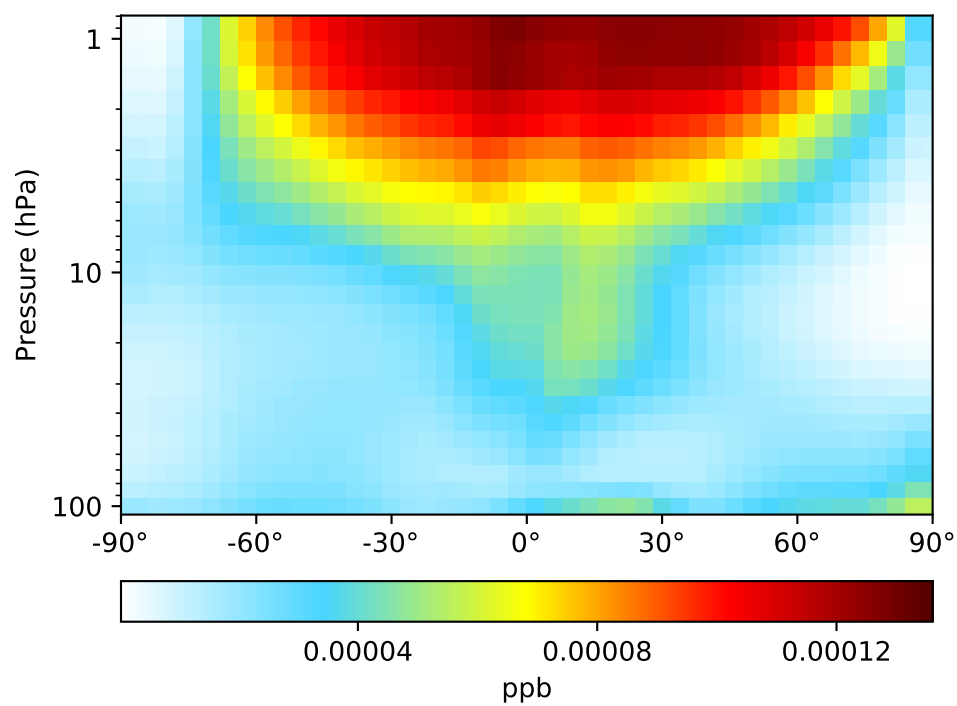


Ratio
Dev/Ref, Fixed Range

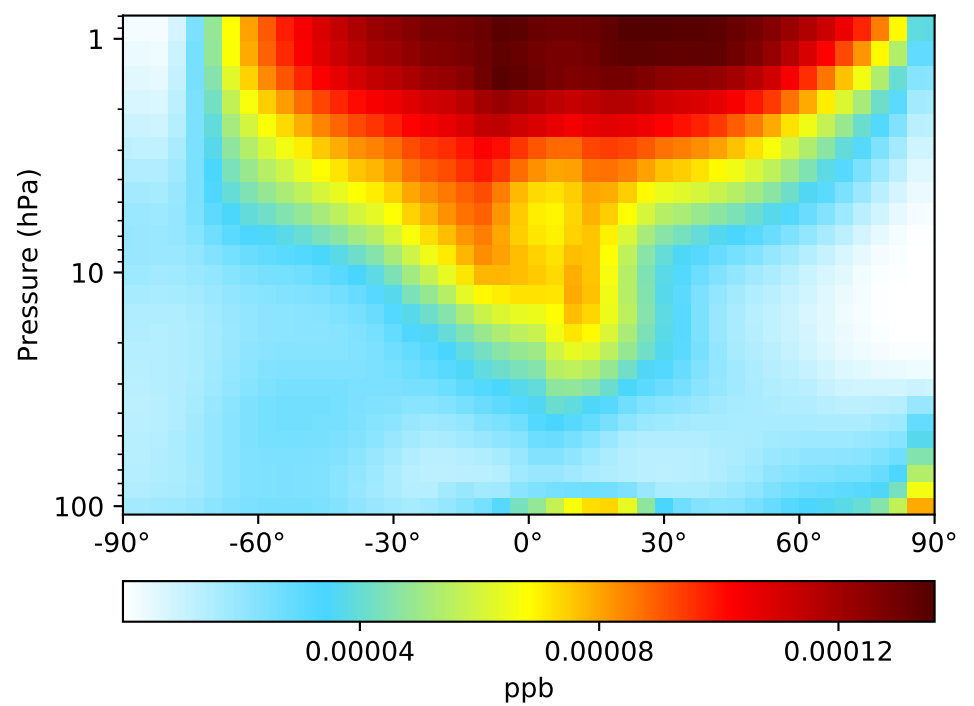


SpeciesConc_HOI, Zonal Mean (Oct2019)

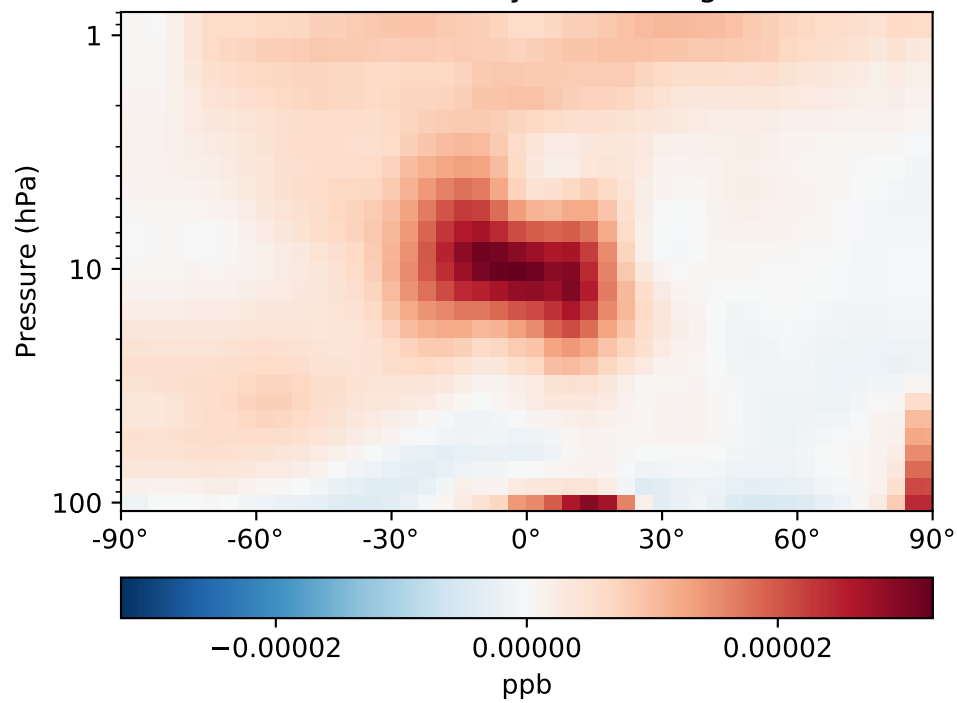
GCC_12.9.0 (Ref)
4.0x5.0



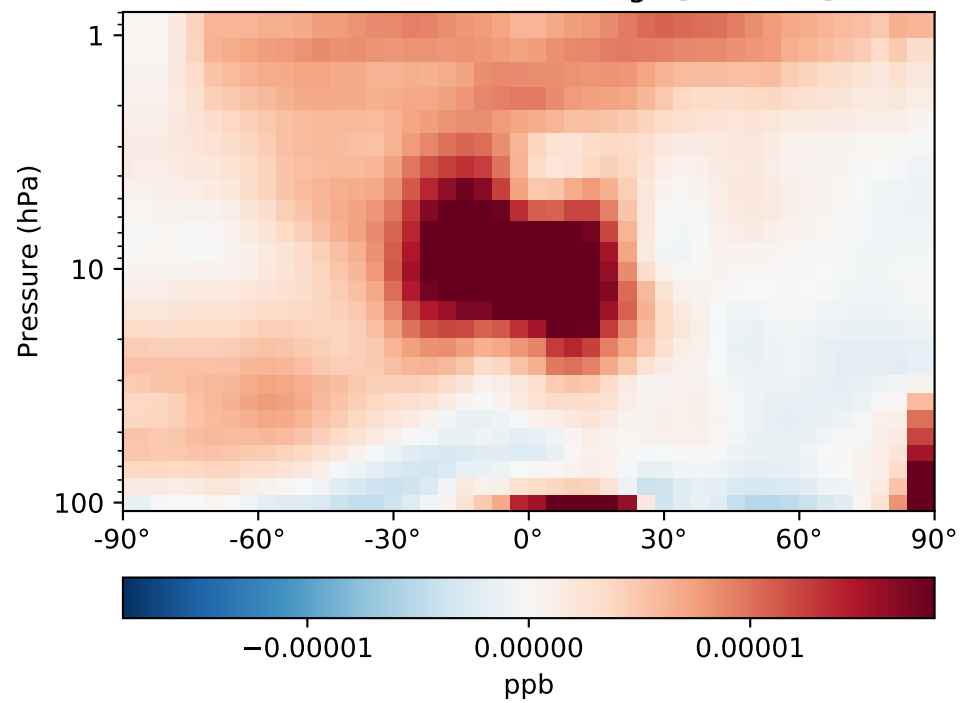
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



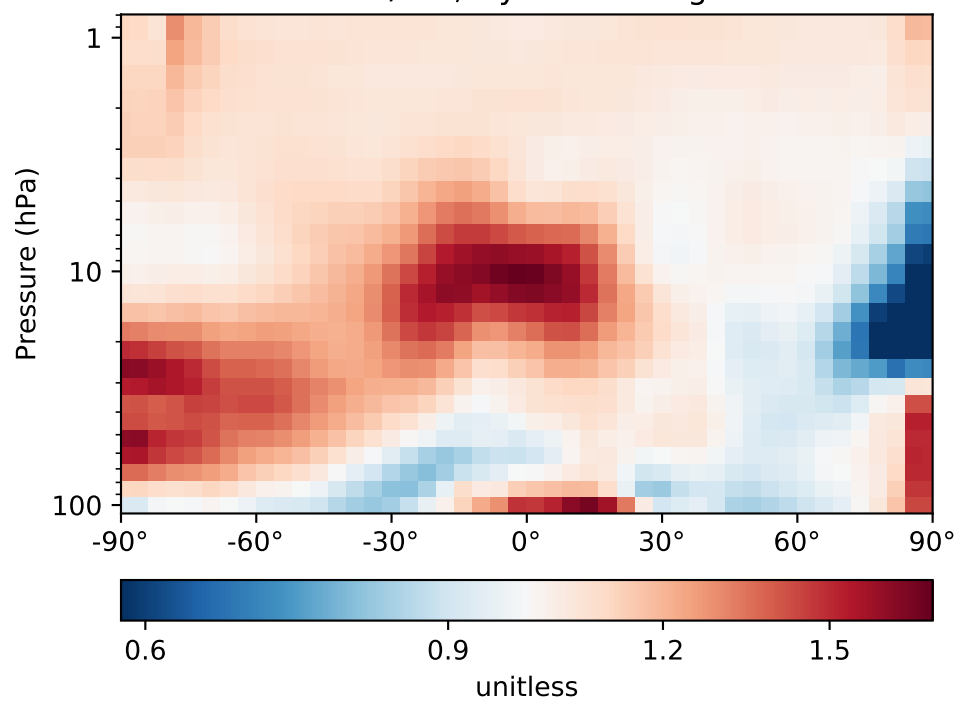
Difference
Dev - Ref, Dynamic Range



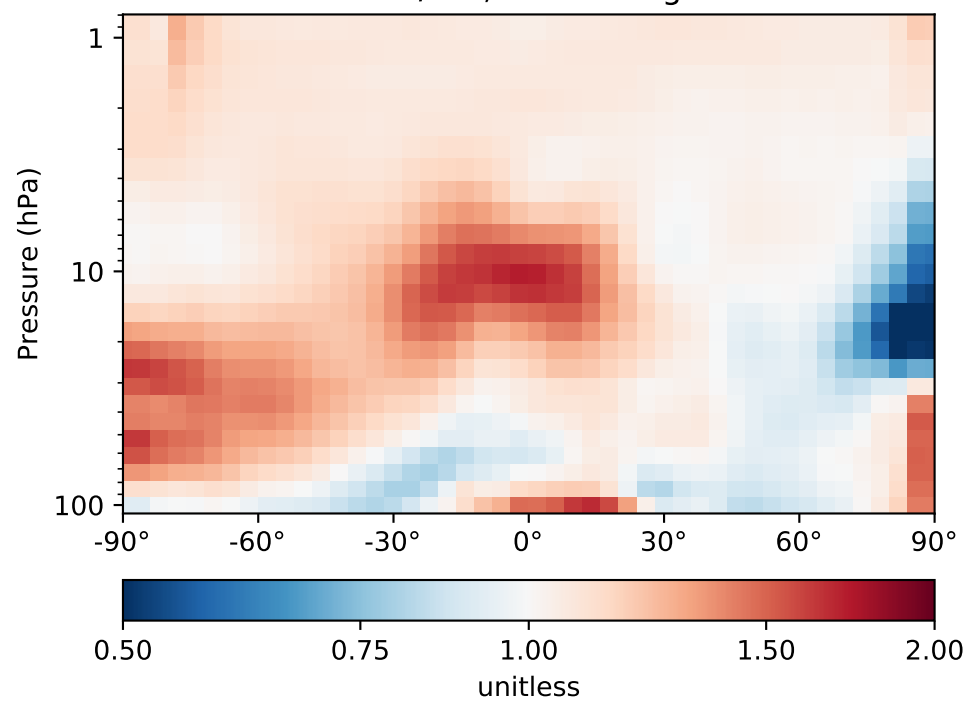
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

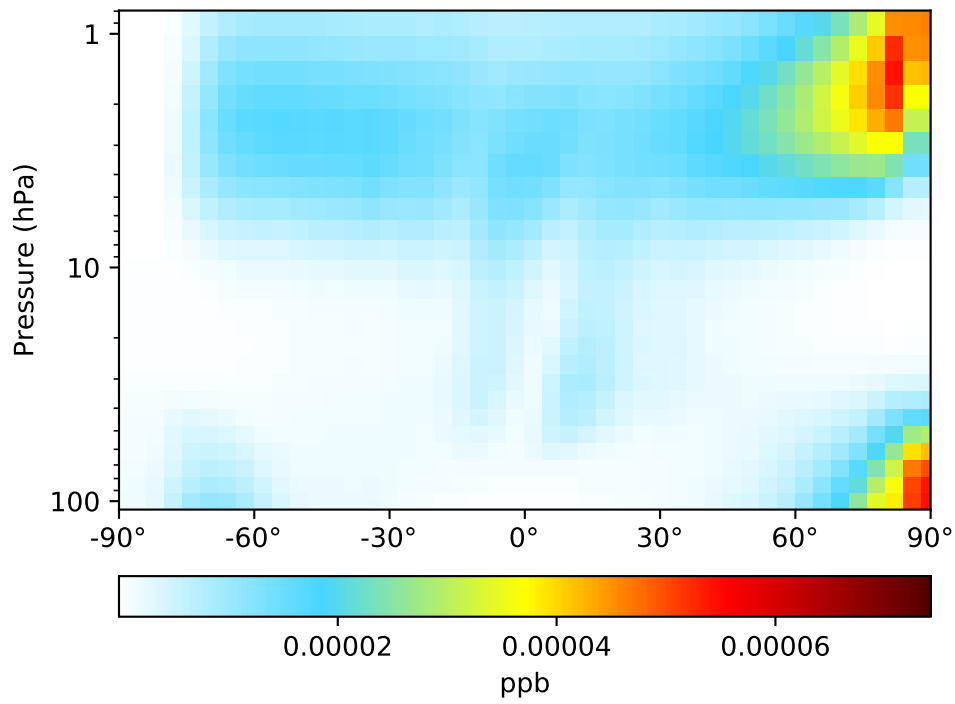


Ratio
Dev/Ref, Fixed Range

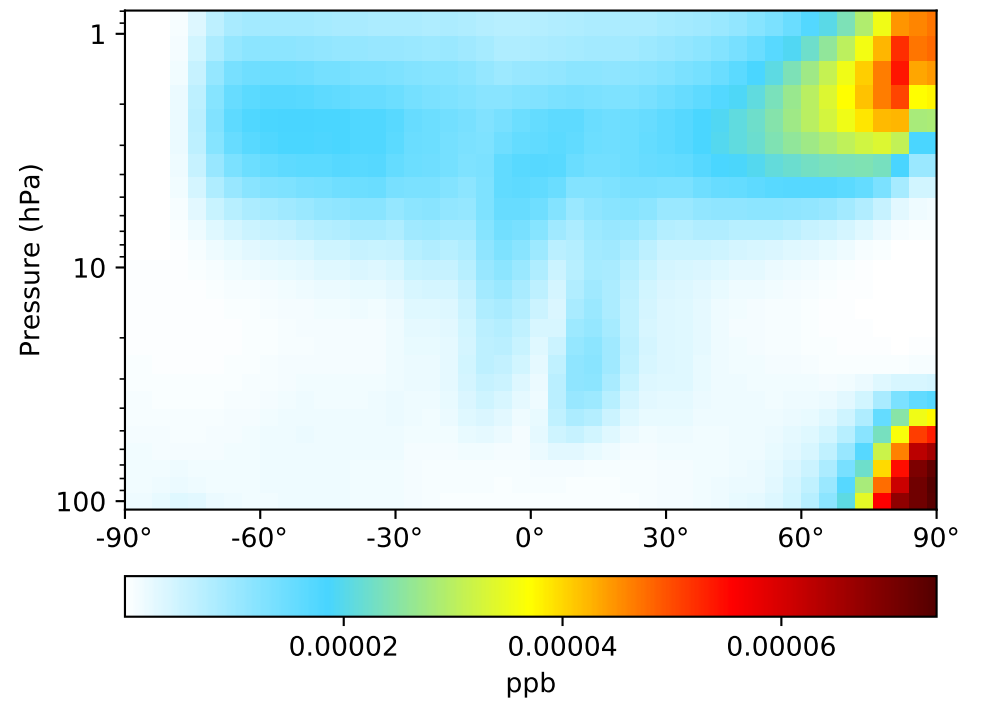


SpeciesConc_OIO, Zonal Mean (Oct2019)

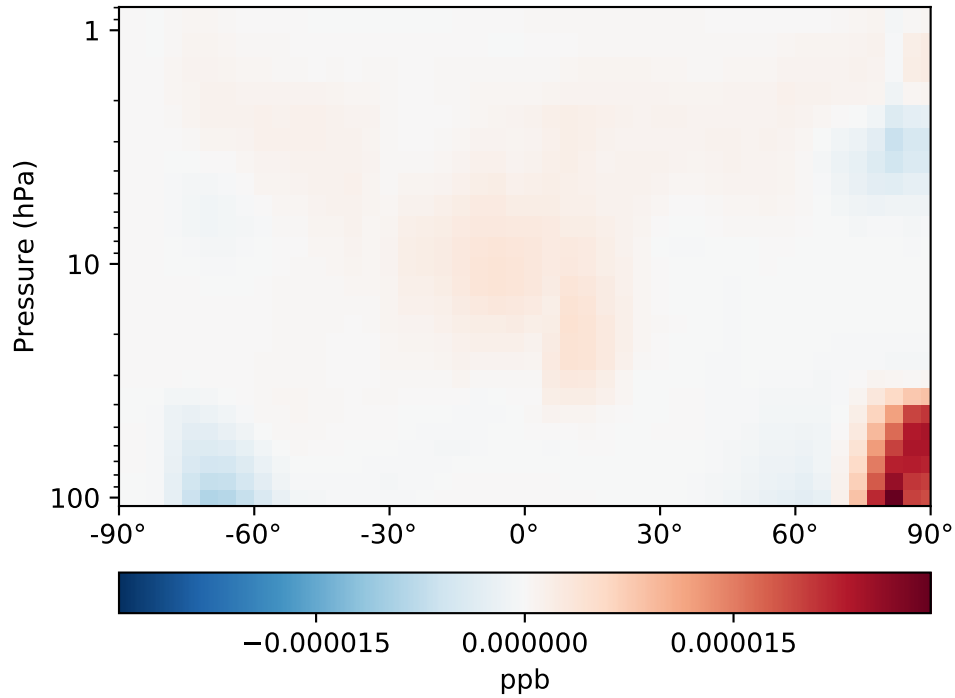
GCC_12.9.0 (Ref)
4.0x5.0



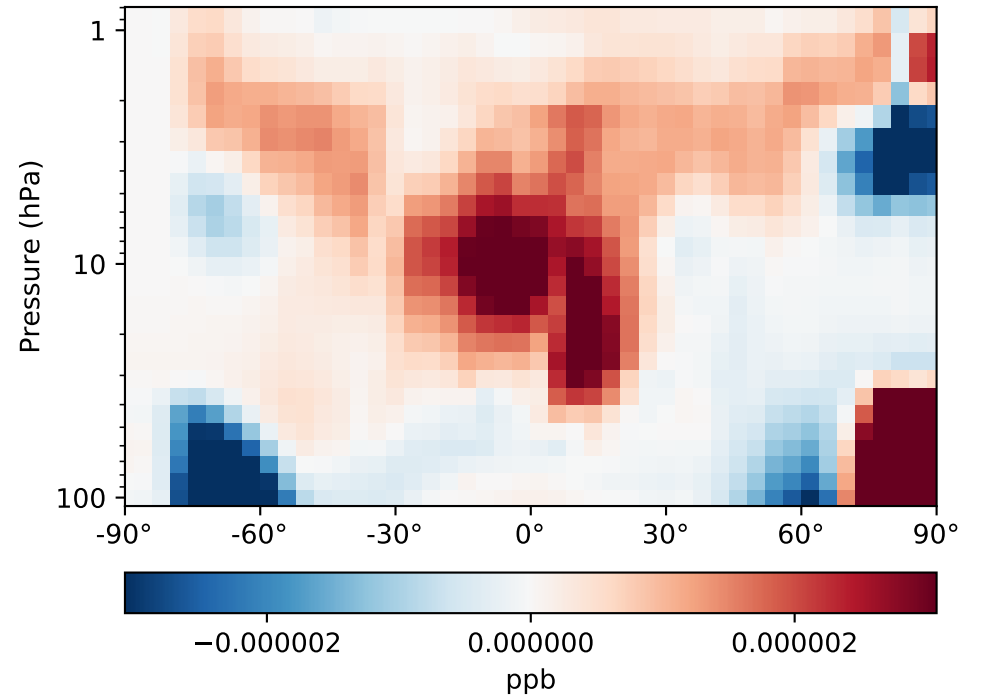
GCC_13.0.0-beta.1 (Dev)
4.0x5.0



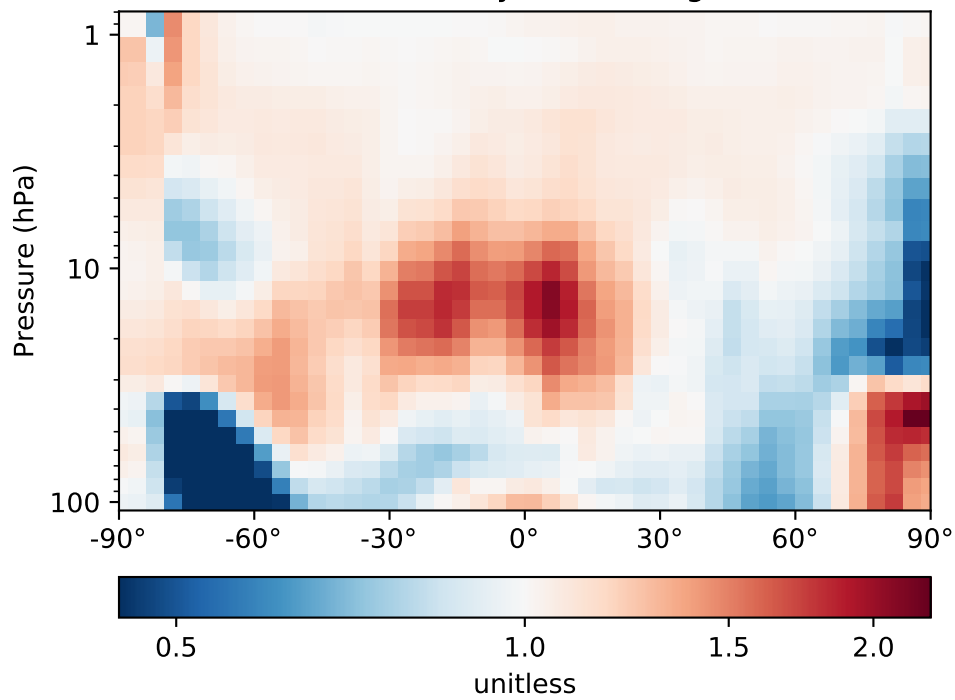
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

