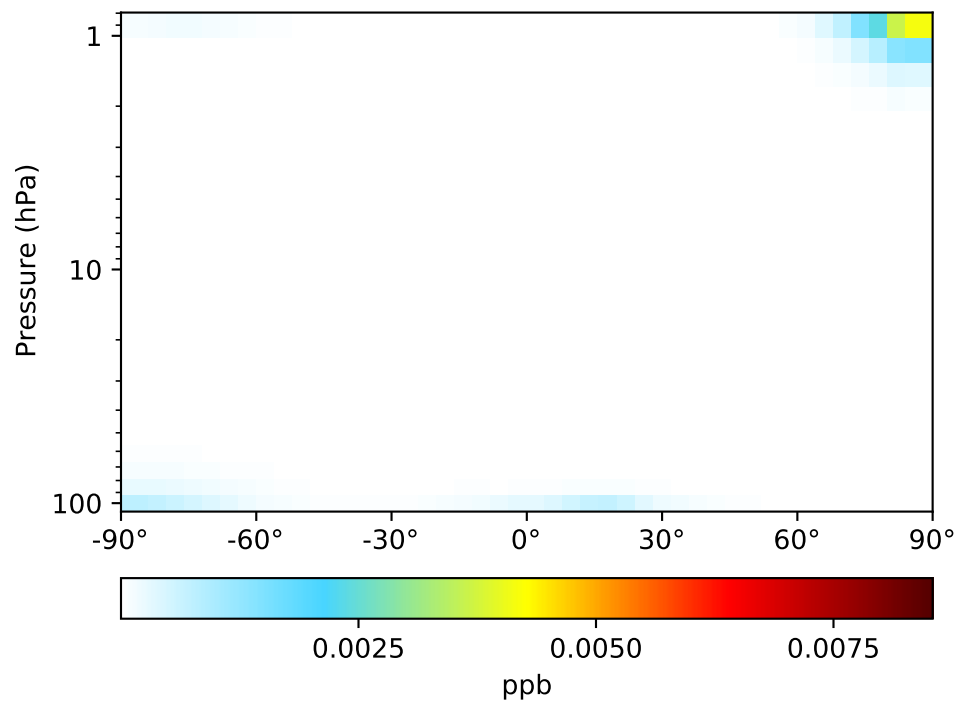
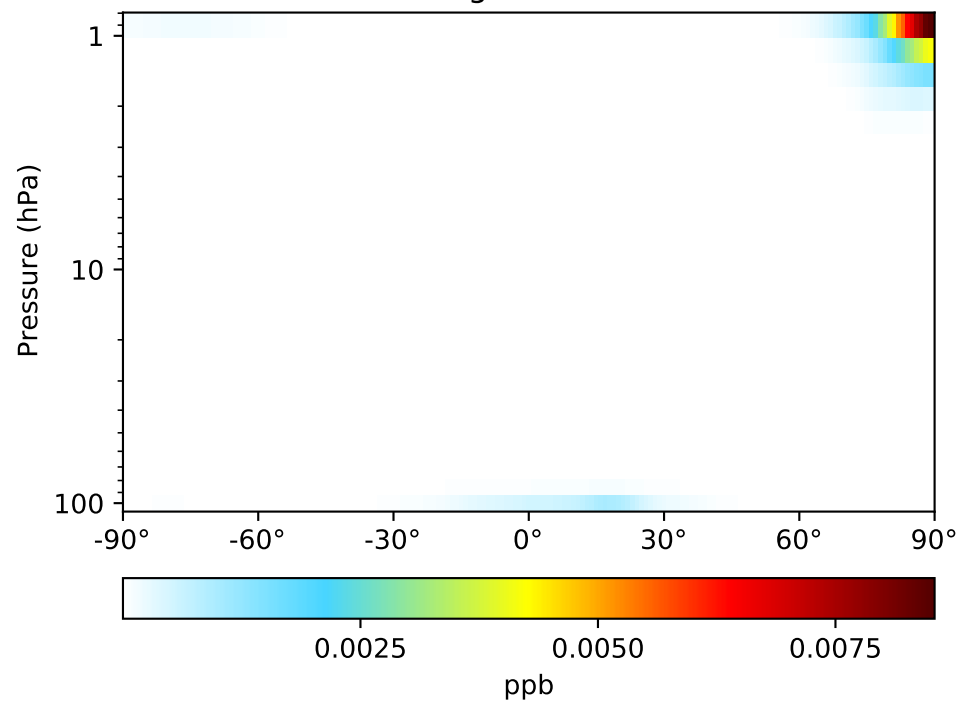


# SpeciesConc\_ACTA, Zonal Mean (Oct2019)

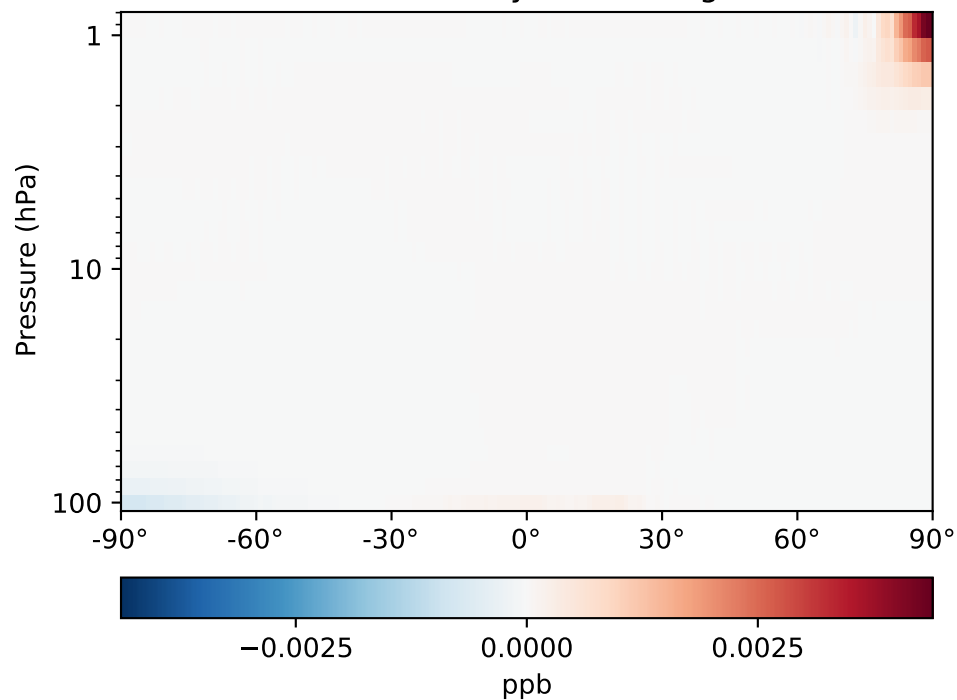
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



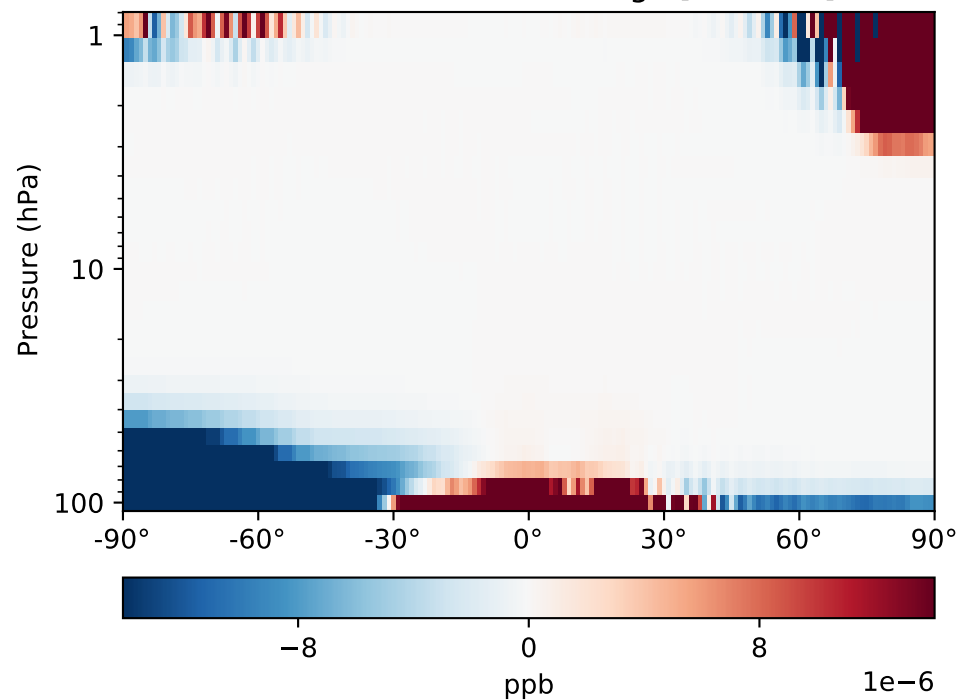
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



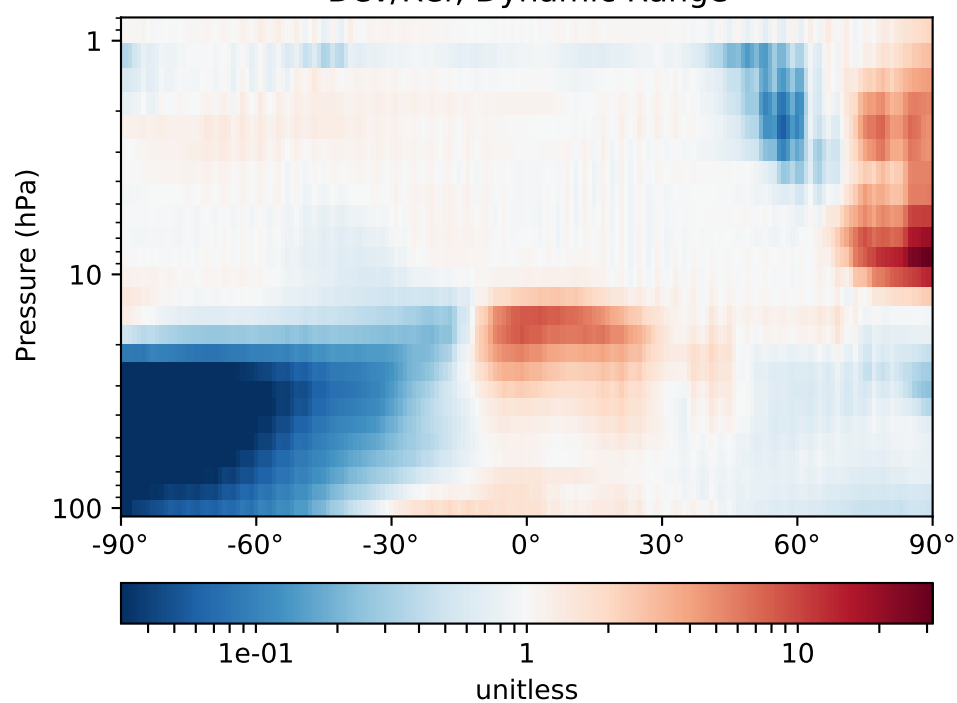
Difference (1x1.25)  
Dev - Ref, Dynamic Range



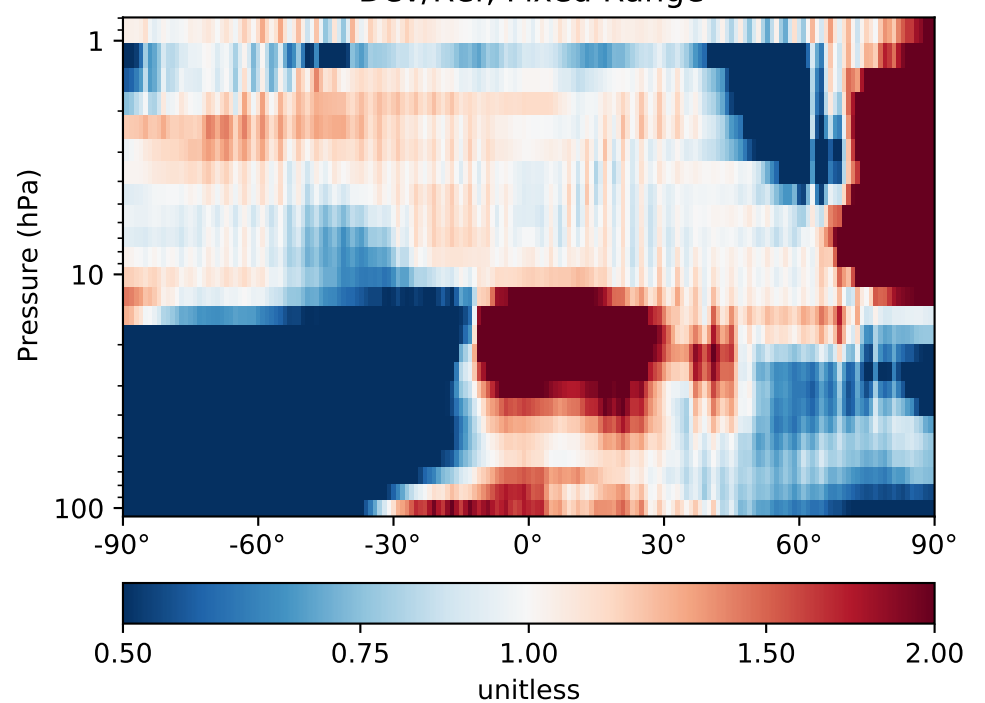
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

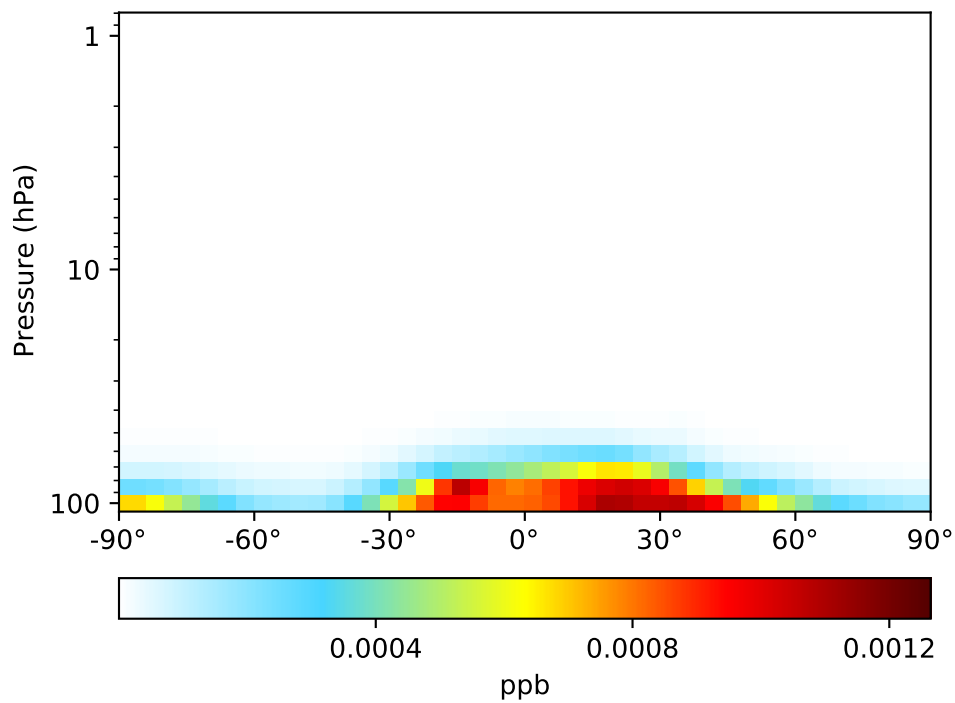


Ratio (1x1.25)  
Dev/Ref, Fixed Range

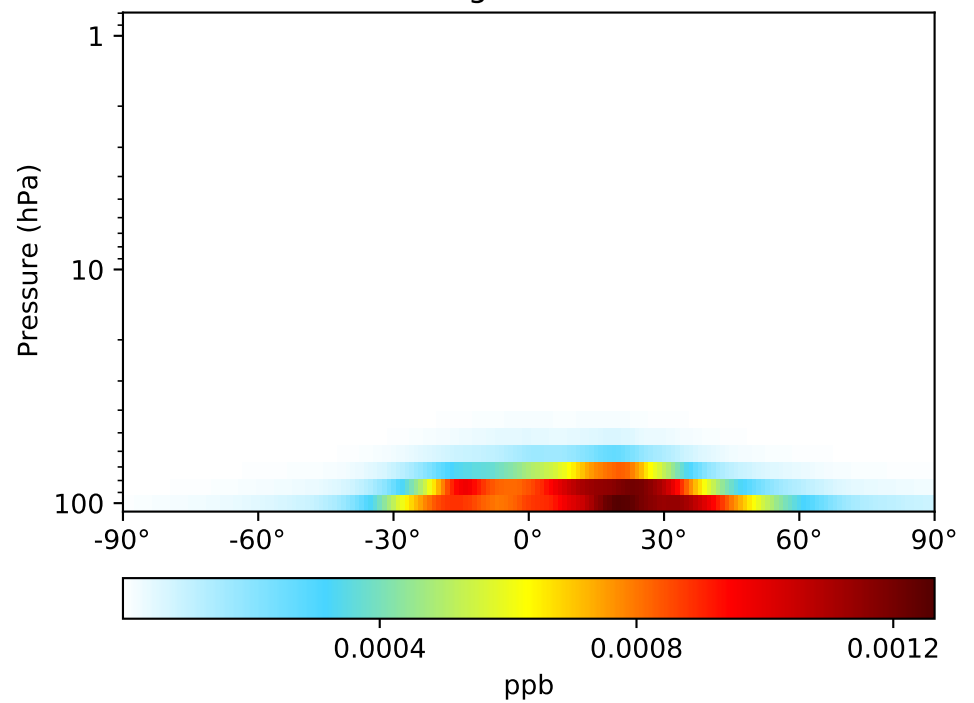


# SpeciesConc\_ALD2, Zonal Mean (Oct2019)

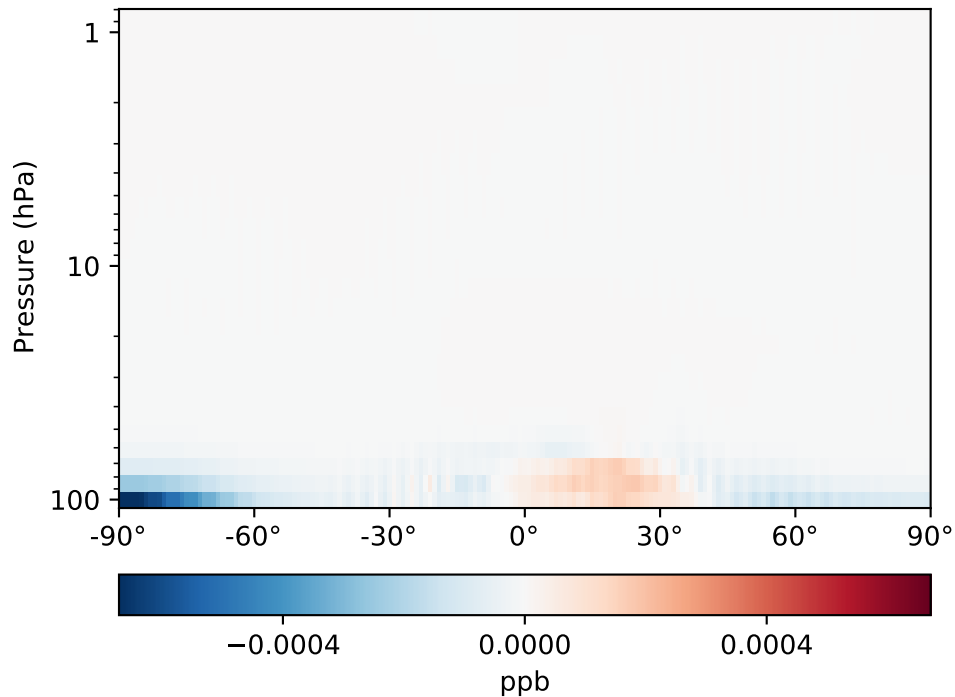
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



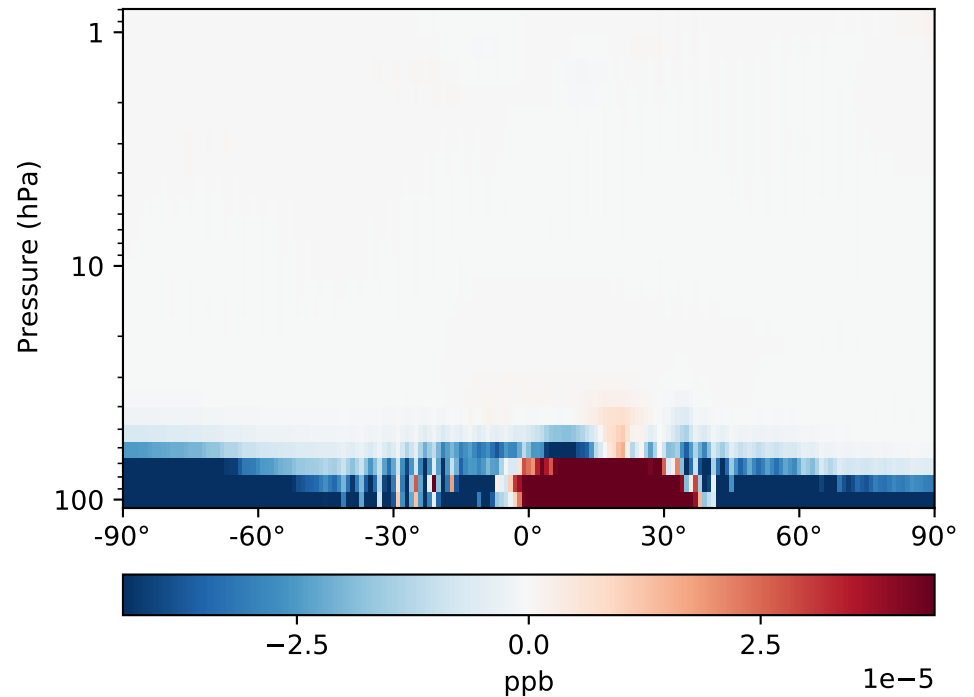
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regridged from c48



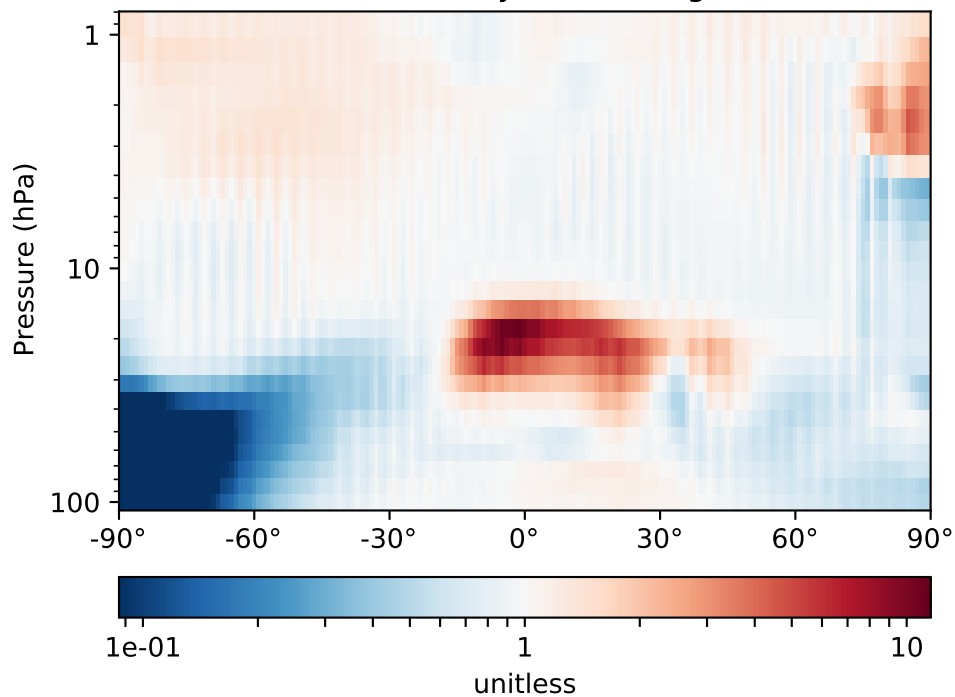
Difference (1x1.25)  
Dev - Ref, Dynamic Range



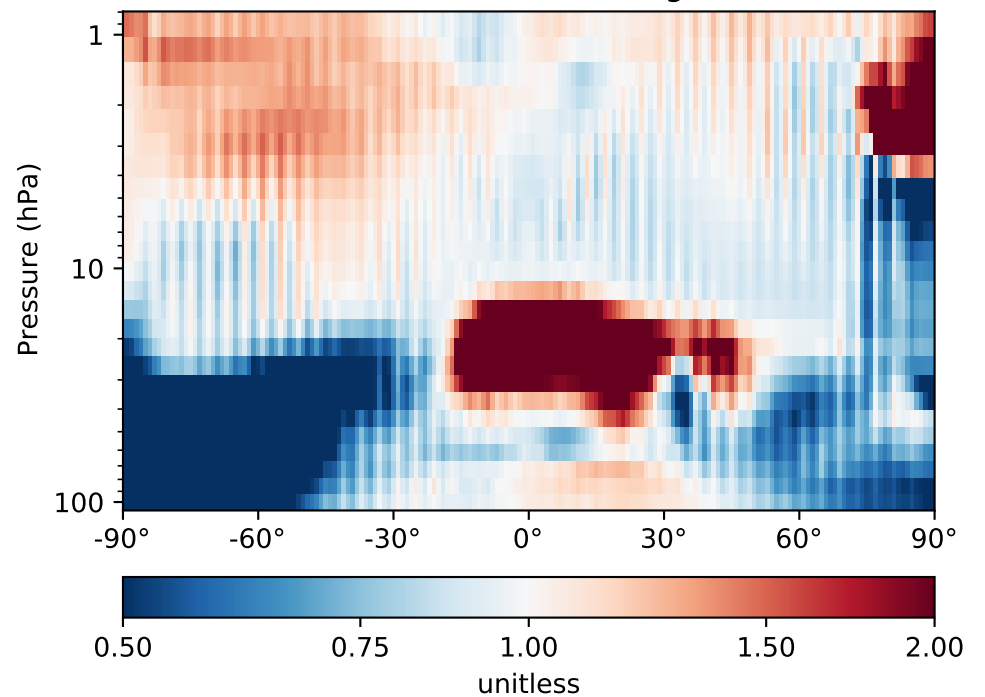
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

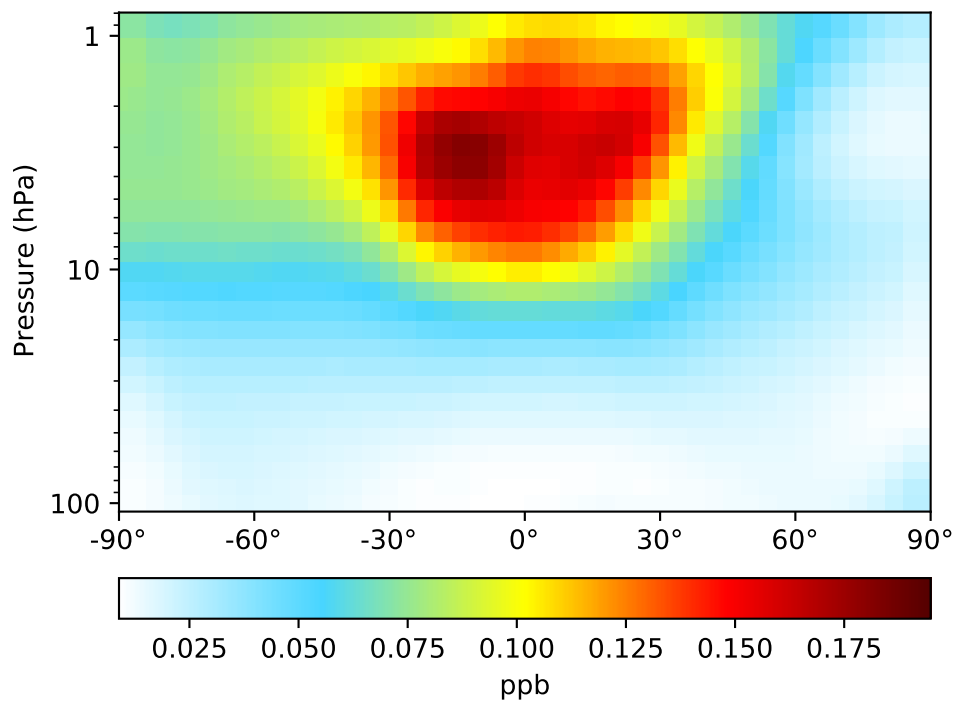


Ratio (1x1.25)  
Dev/Ref, Fixed Range

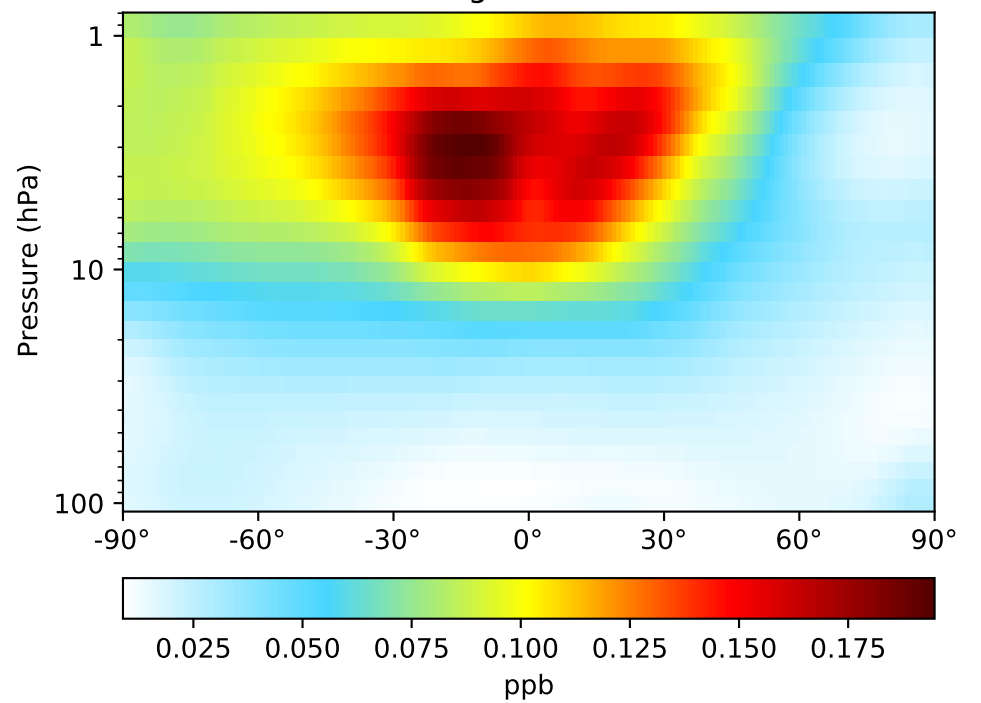


# SpeciesConc\_CH2O, Zonal Mean (Oct2019)

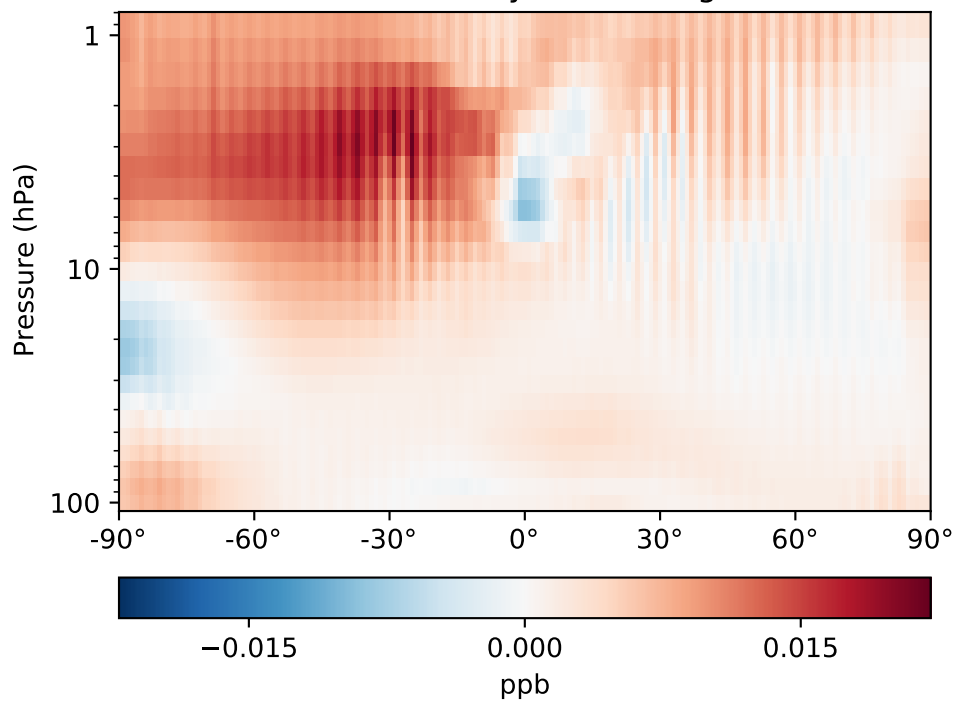
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



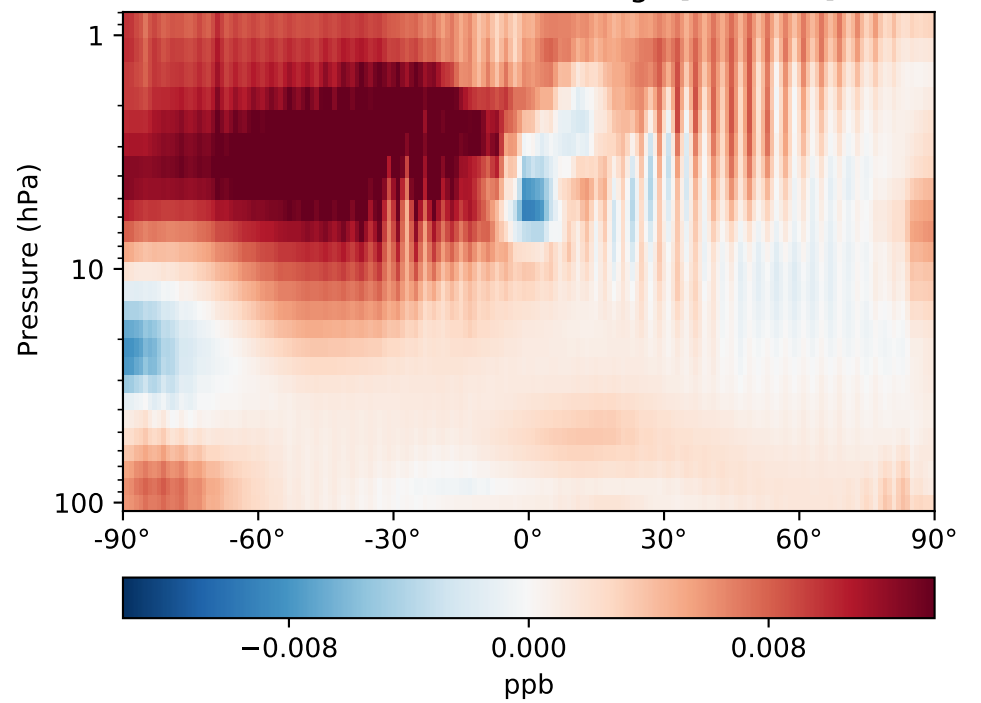
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



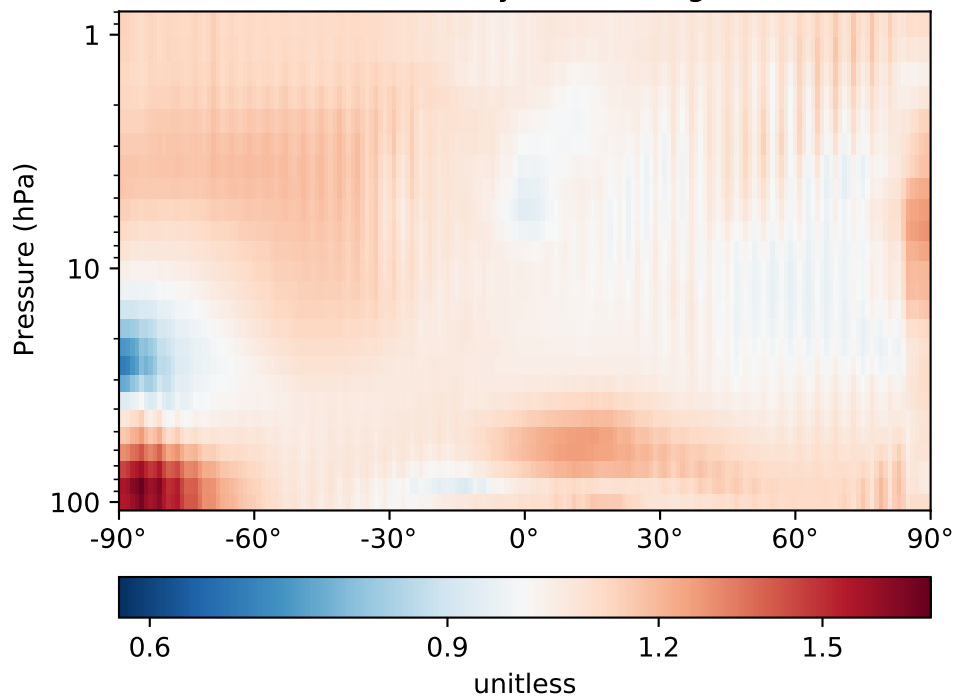
Difference (1x1.25)  
Dev - Ref, Dynamic Range



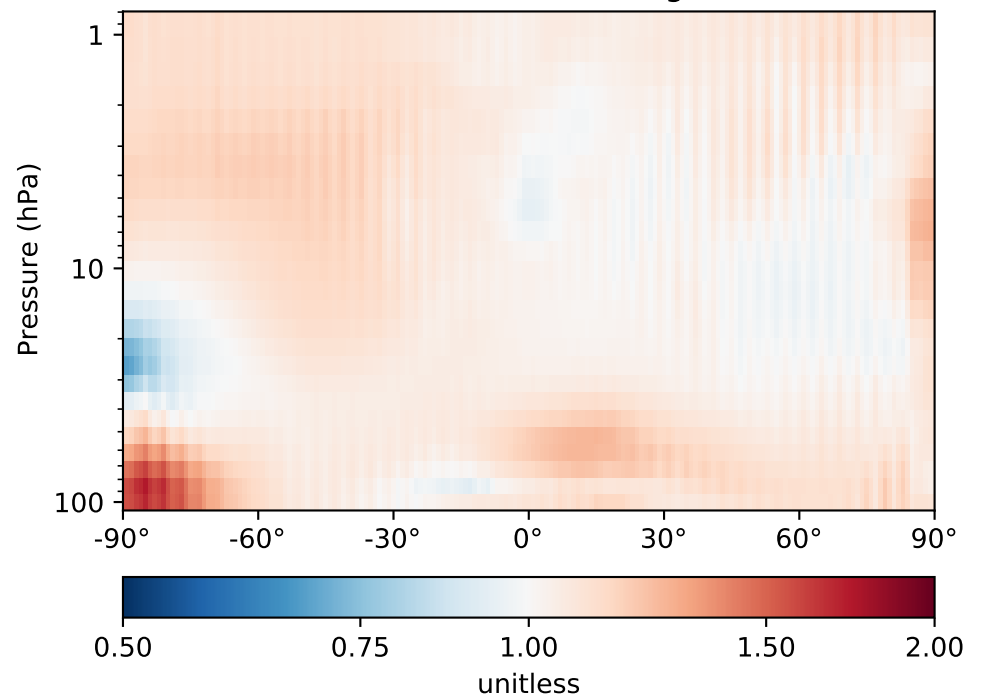
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

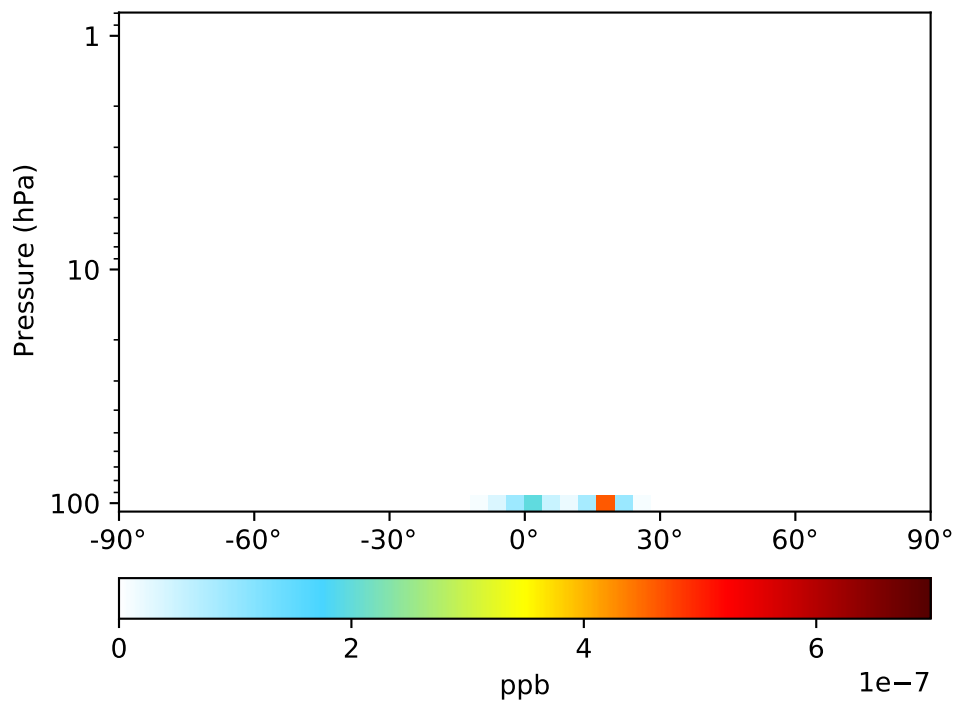


Ratio (1x1.25)  
Dev/Ref, Fixed Range

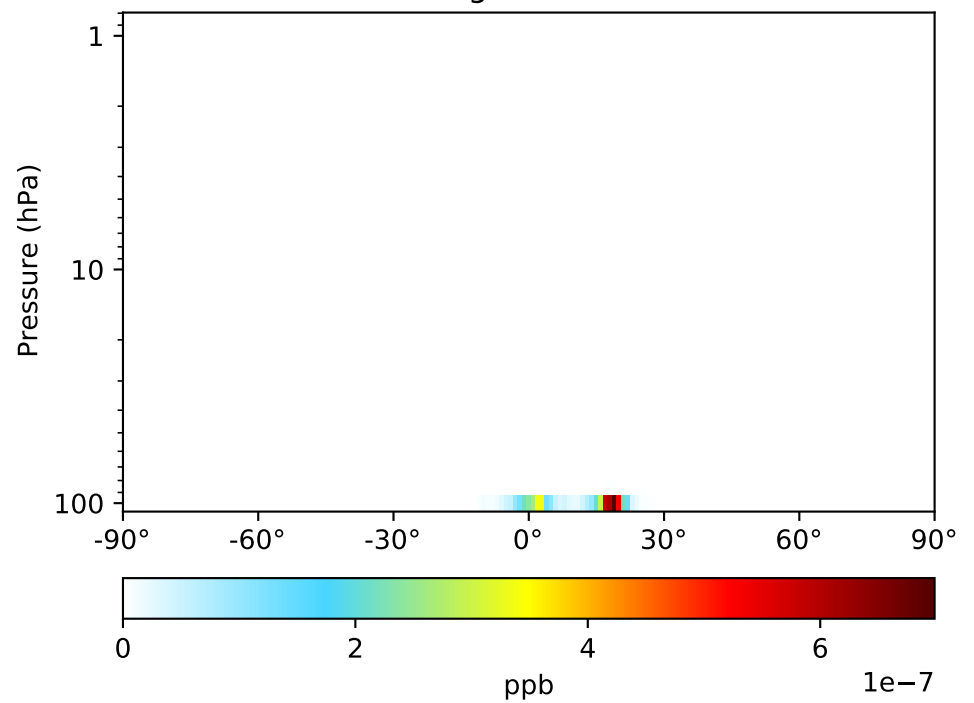


# SpeciesConc\_HPALDs, Zonal Mean (Oct2019)

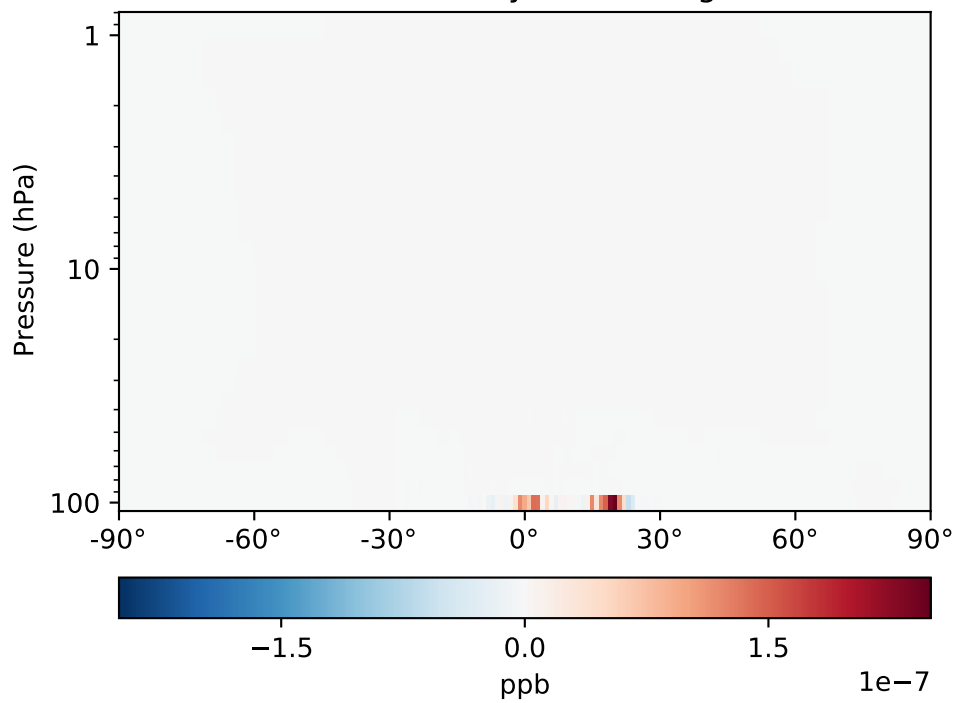
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



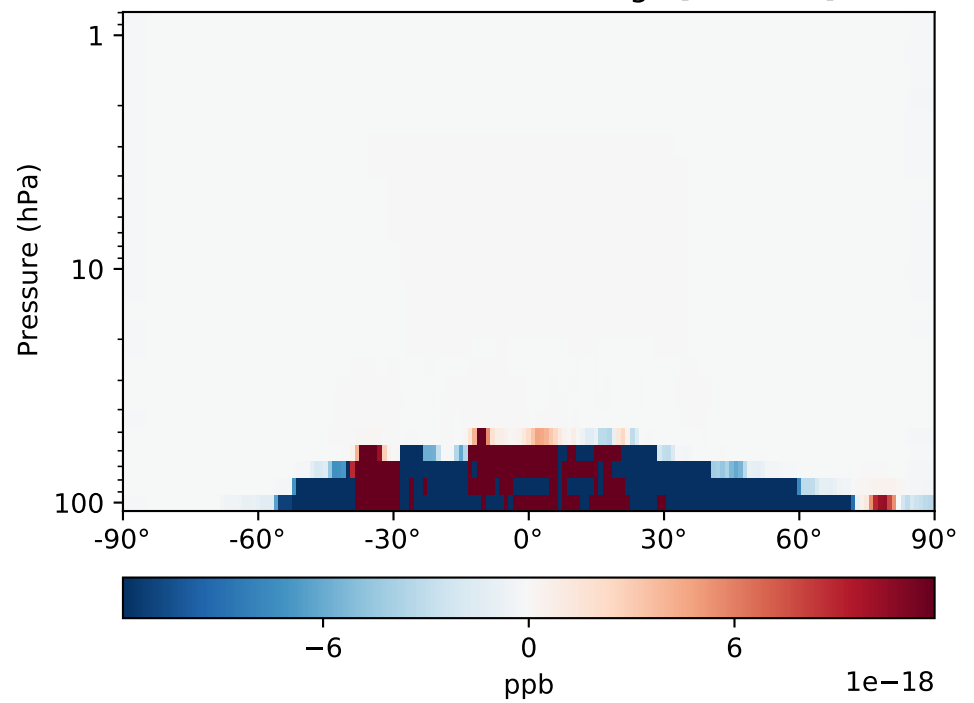
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



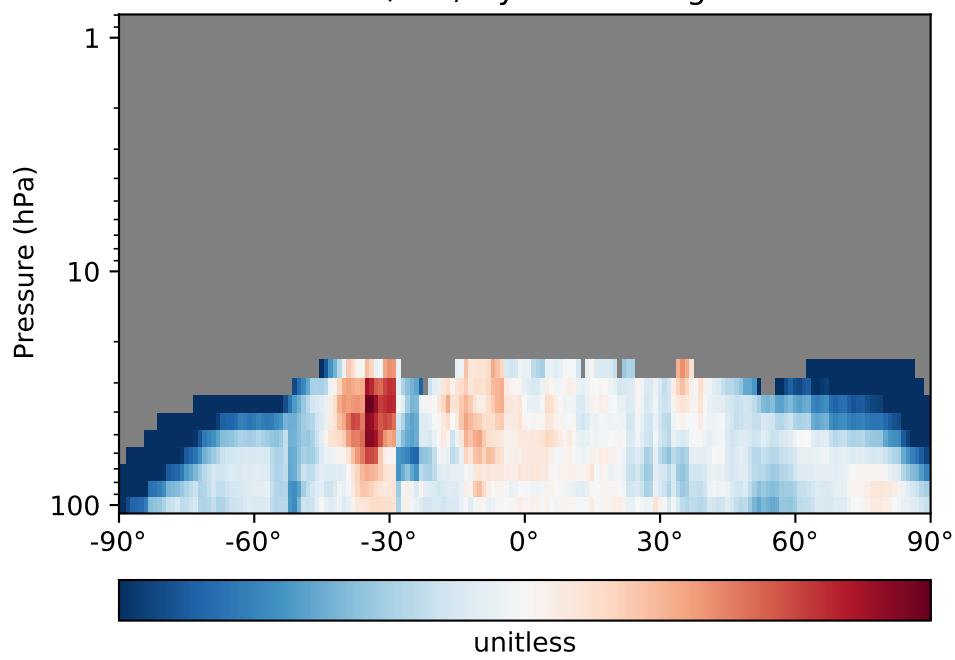
Difference (1x1.25)  
Dev - Ref, Dynamic Range



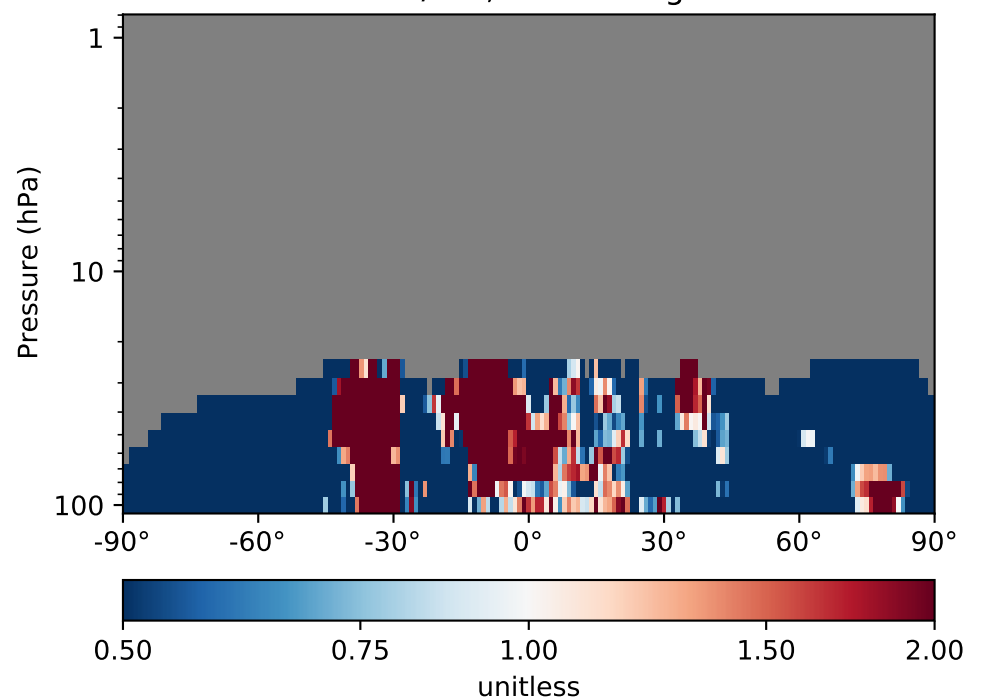
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

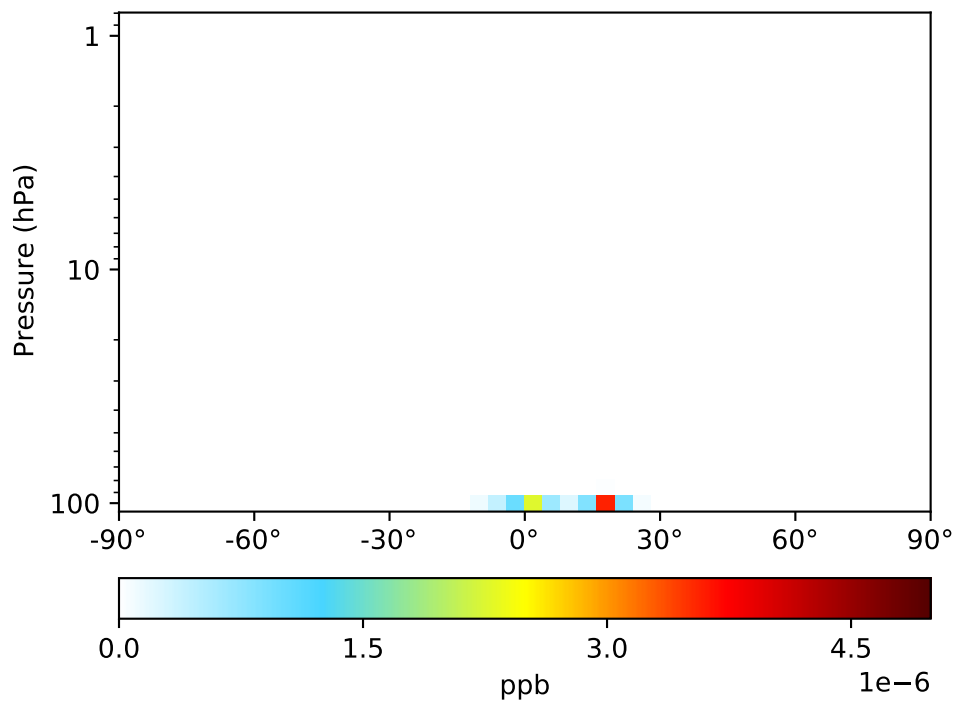


Ratio (1x1.25)  
Dev/Ref, Fixed Range

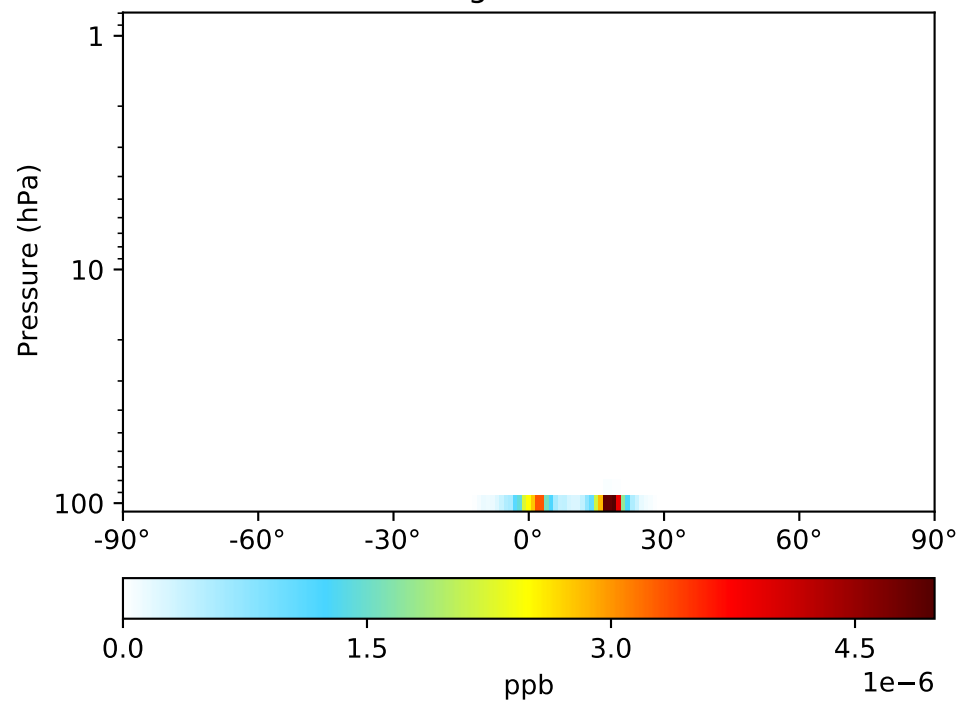


# SpeciesConc\_MACR, Zonal Mean (Oct2019)

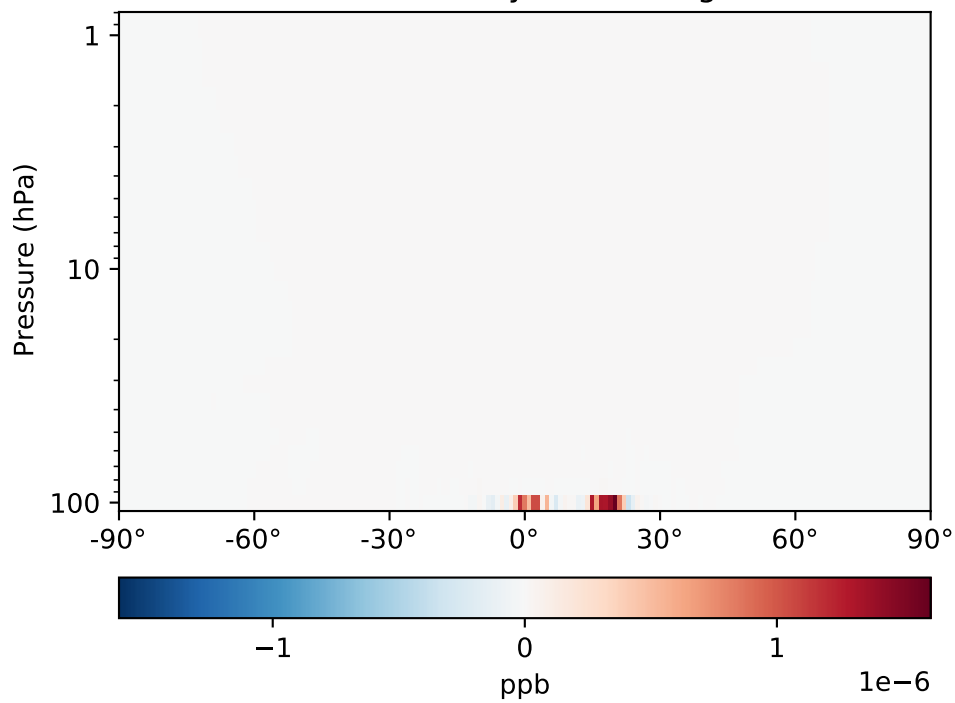
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



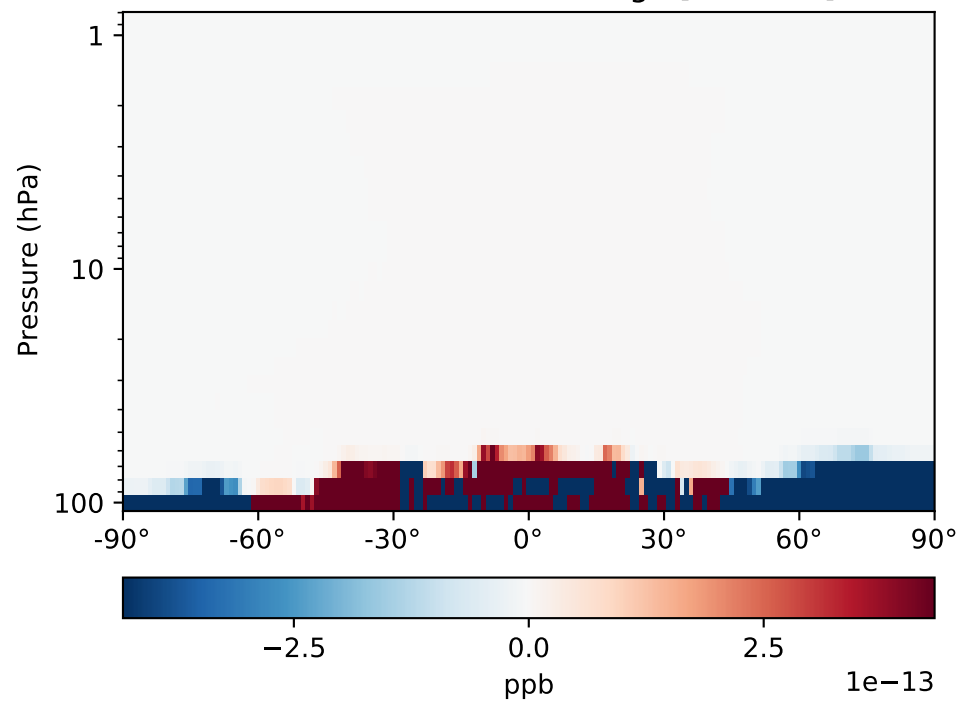
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



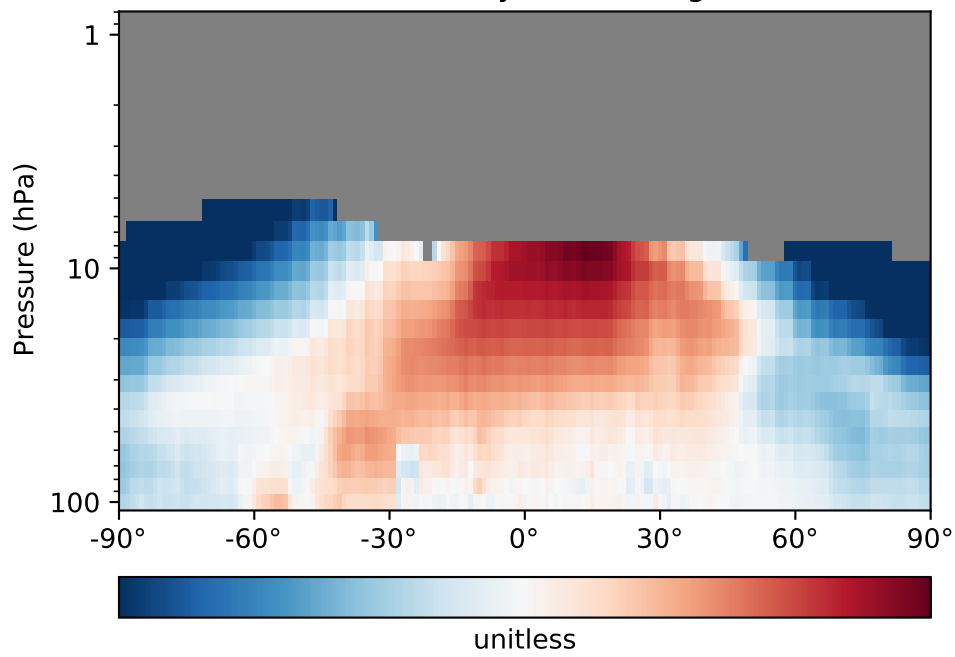
Difference (1x1.25)  
Dev - Ref, Dynamic Range



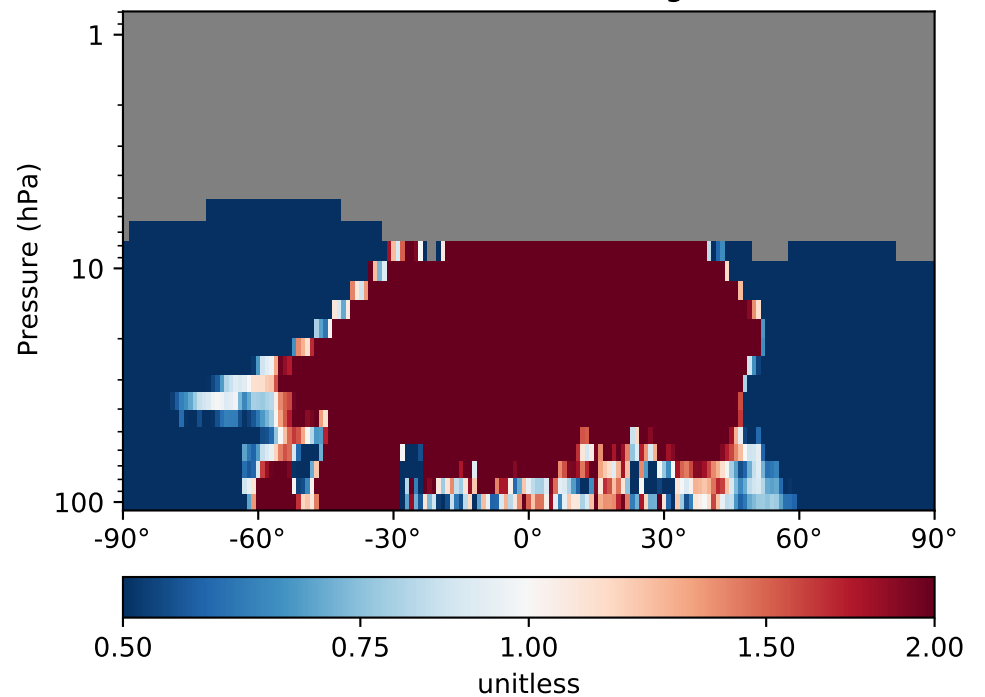
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

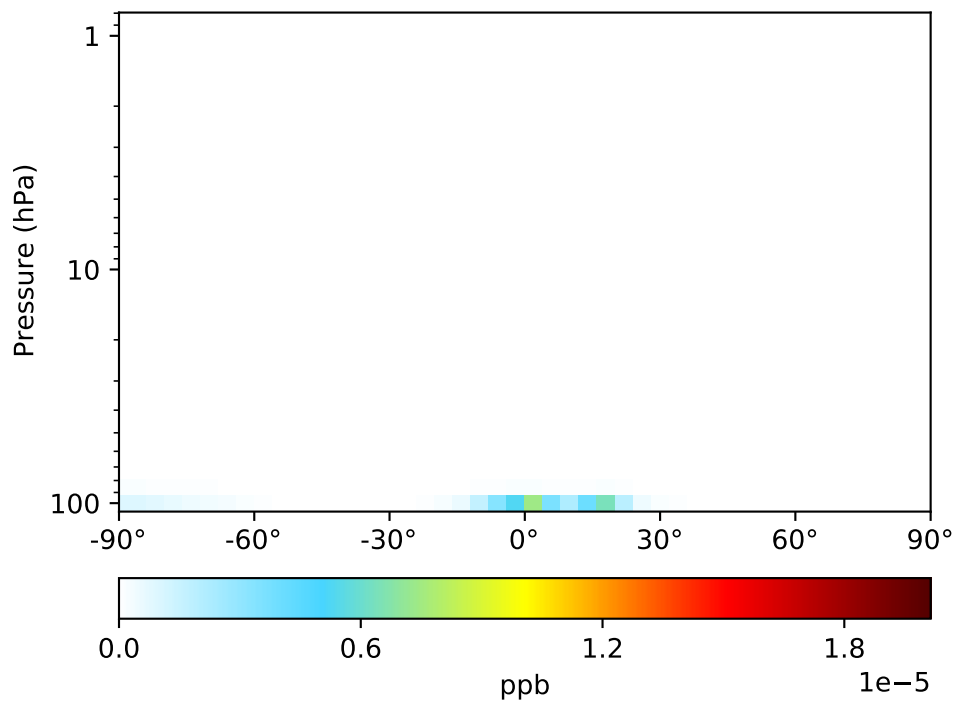


Ratio (1x1.25)  
Dev/Ref, Fixed Range

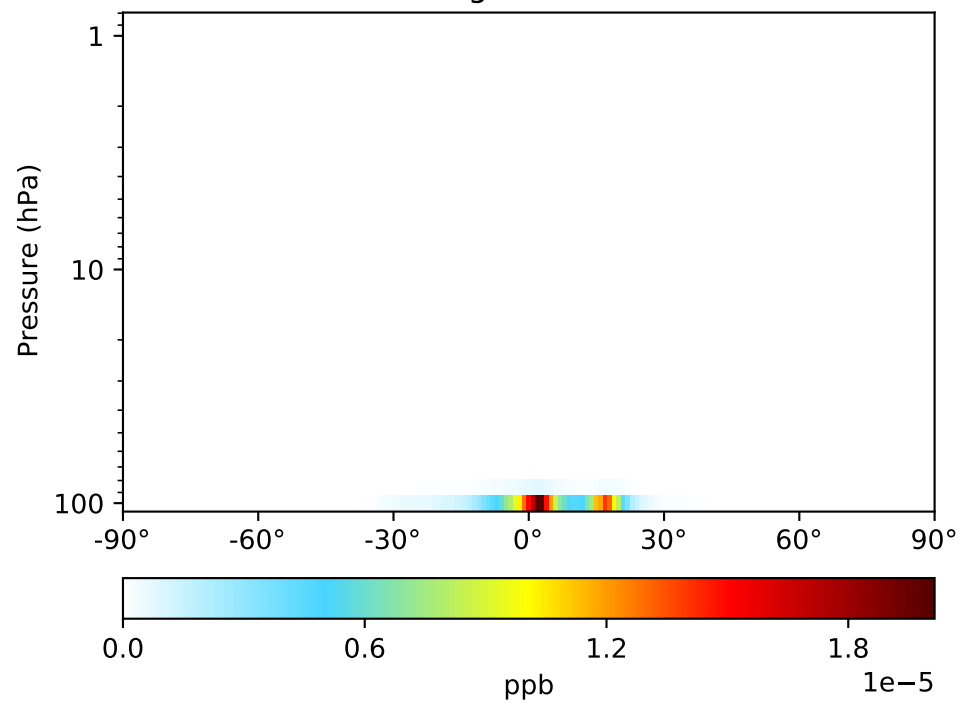


# SpeciesConc\_IEPOX, Zonal Mean (Oct2019)

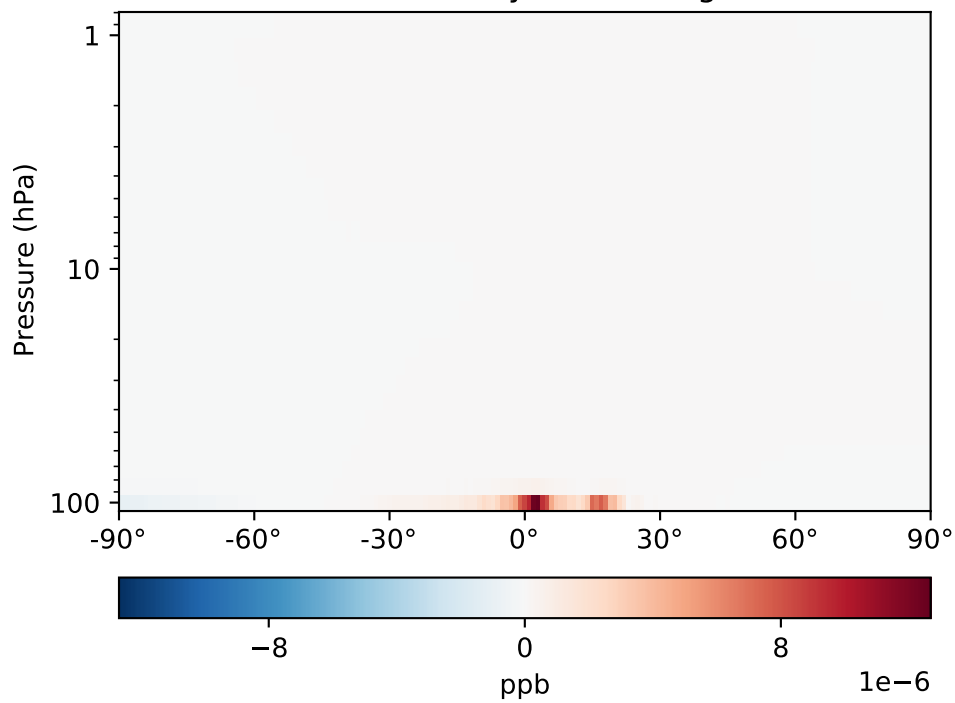
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



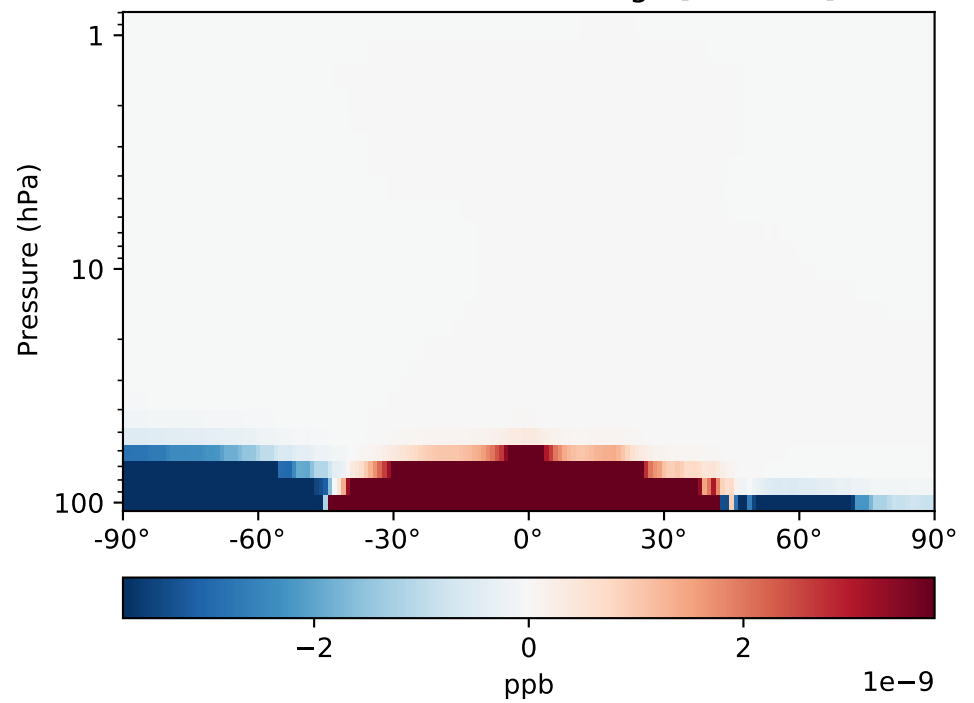
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



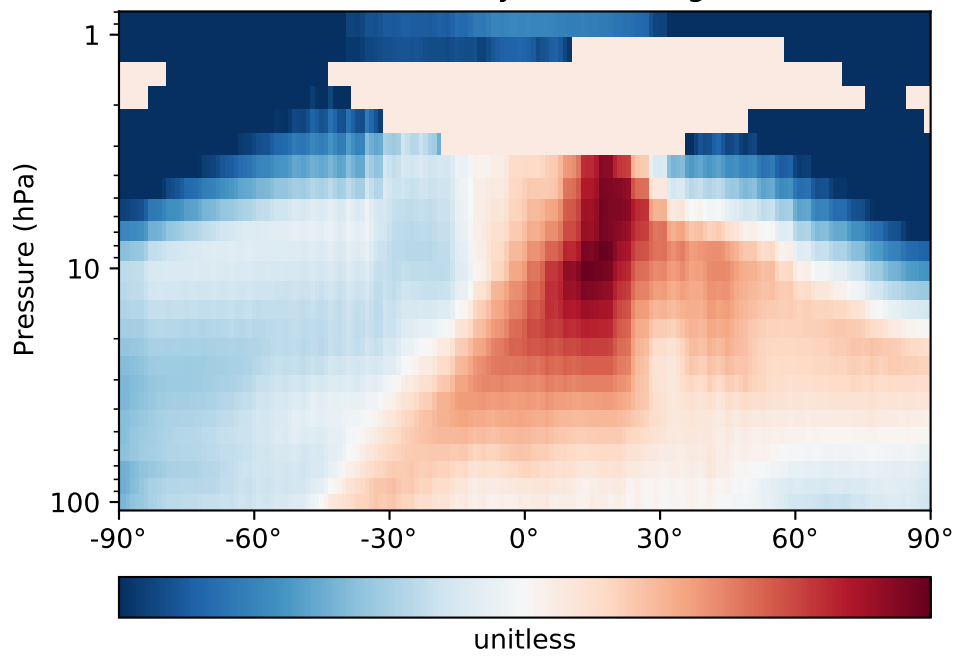
Difference (1x1.25)  
Dev - Ref, Dynamic Range



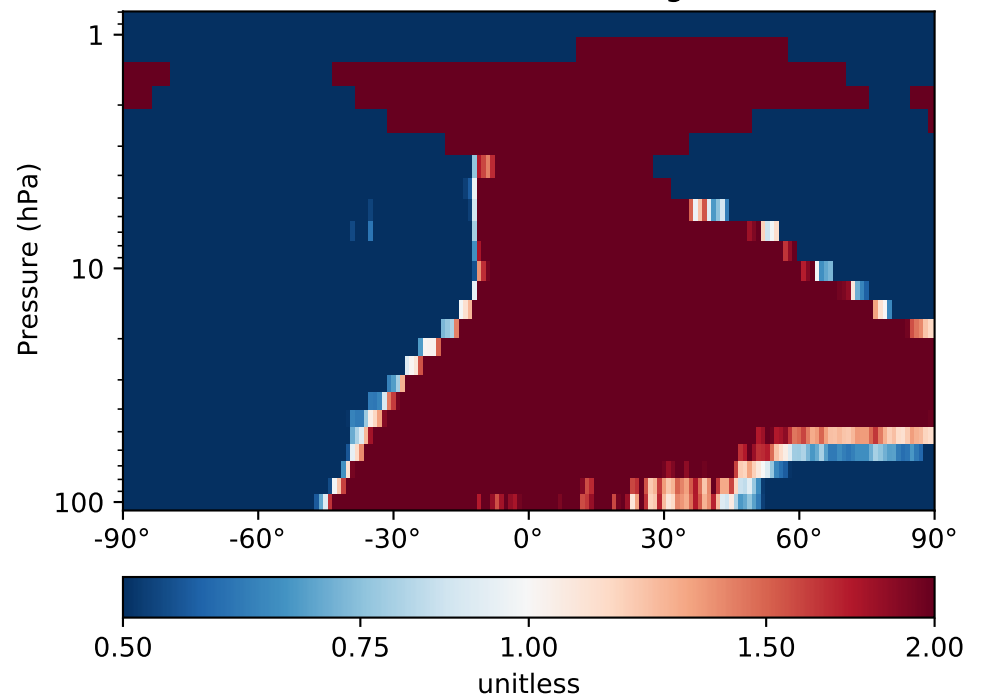
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

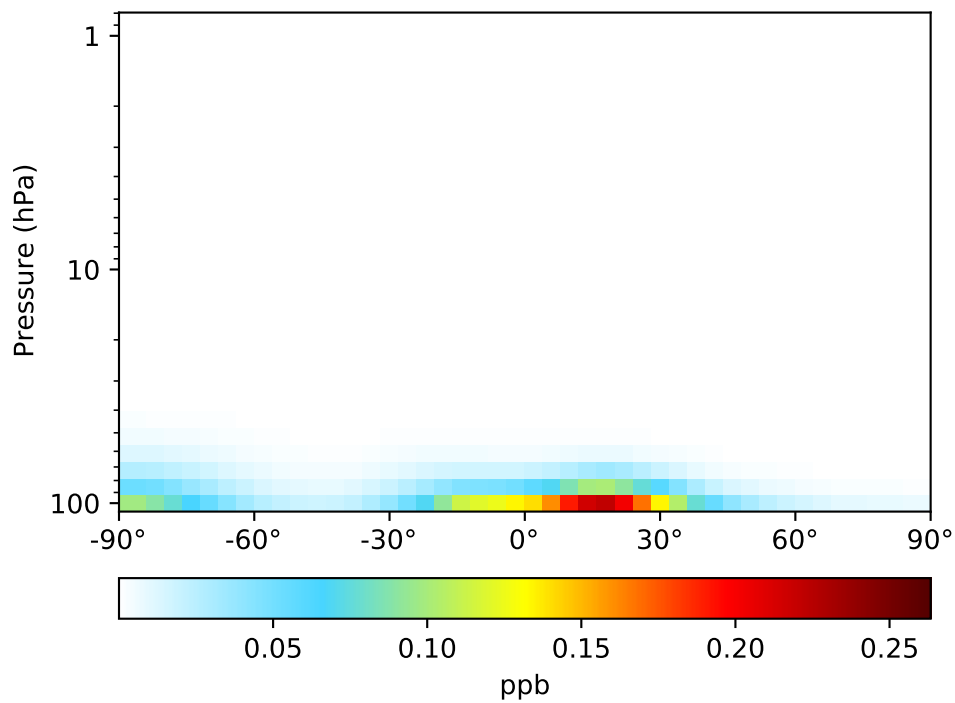


Ratio (1x1.25)  
Dev/Ref, Fixed Range

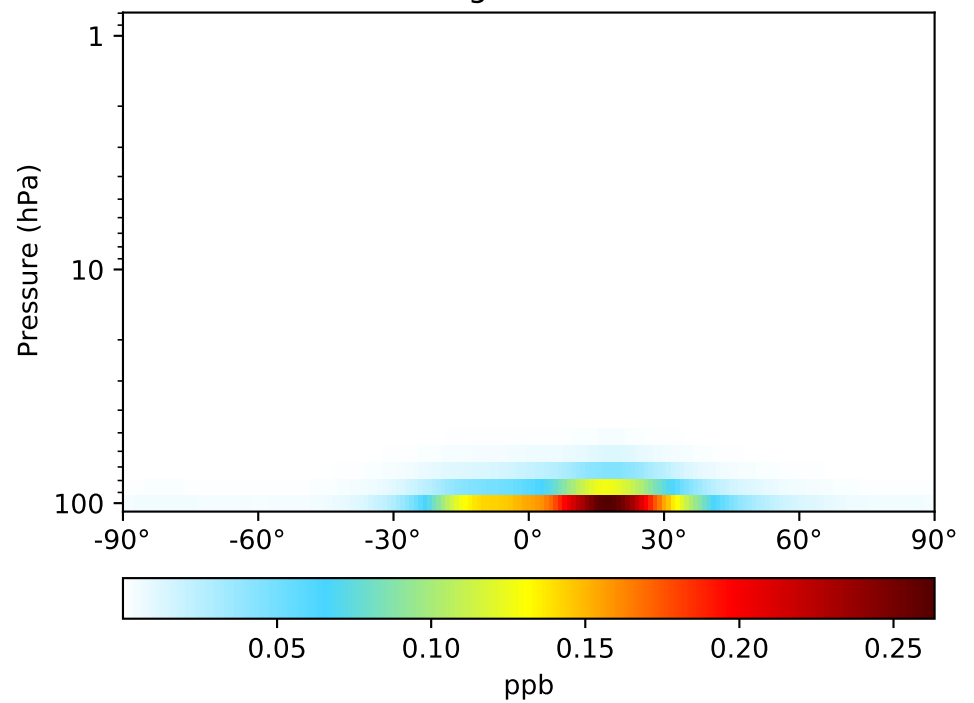


# SpeciesConc\_ACET, Zonal Mean (Oct2019)

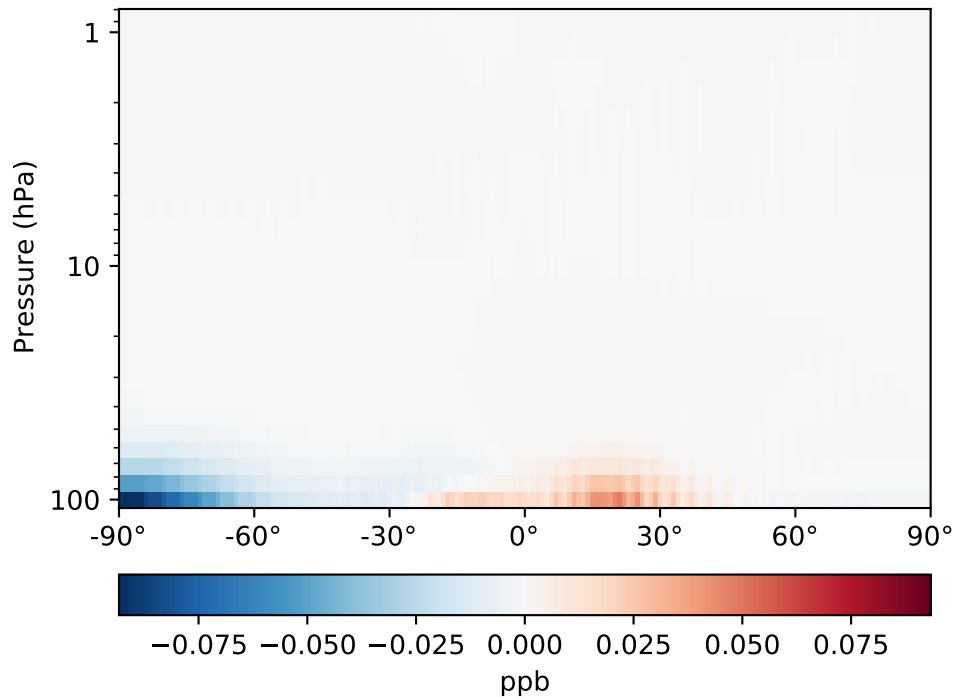
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



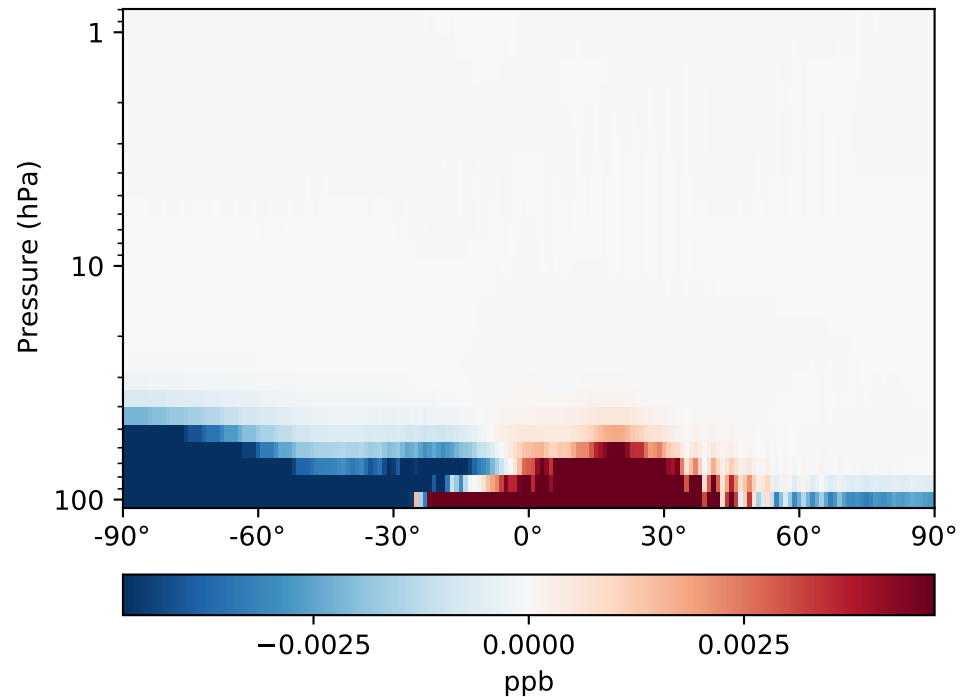
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



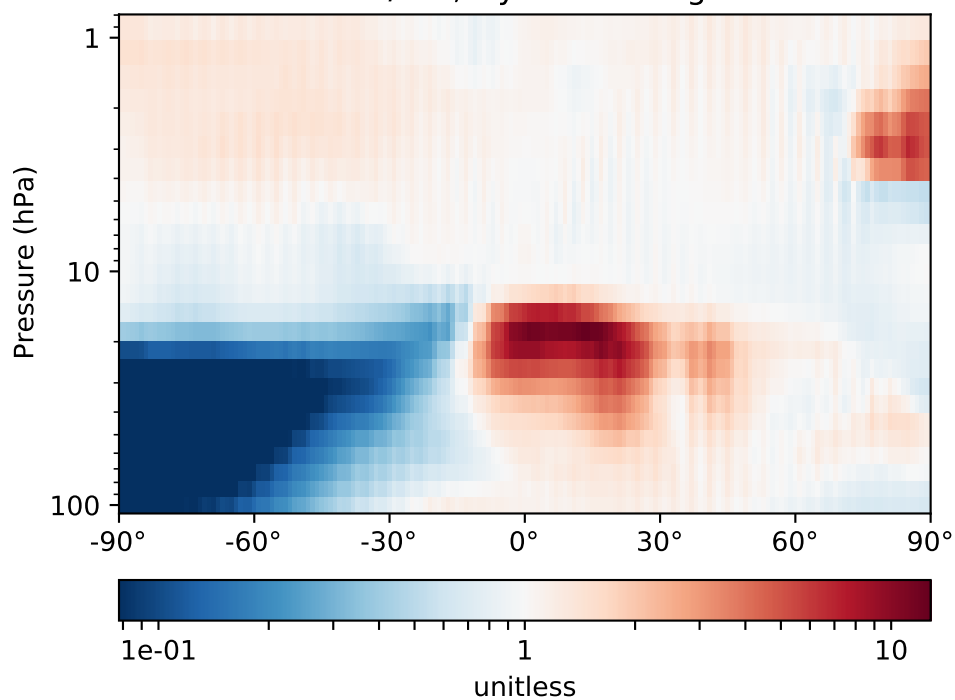
Difference (1x1.25)  
Dev - Ref, Dynamic Range



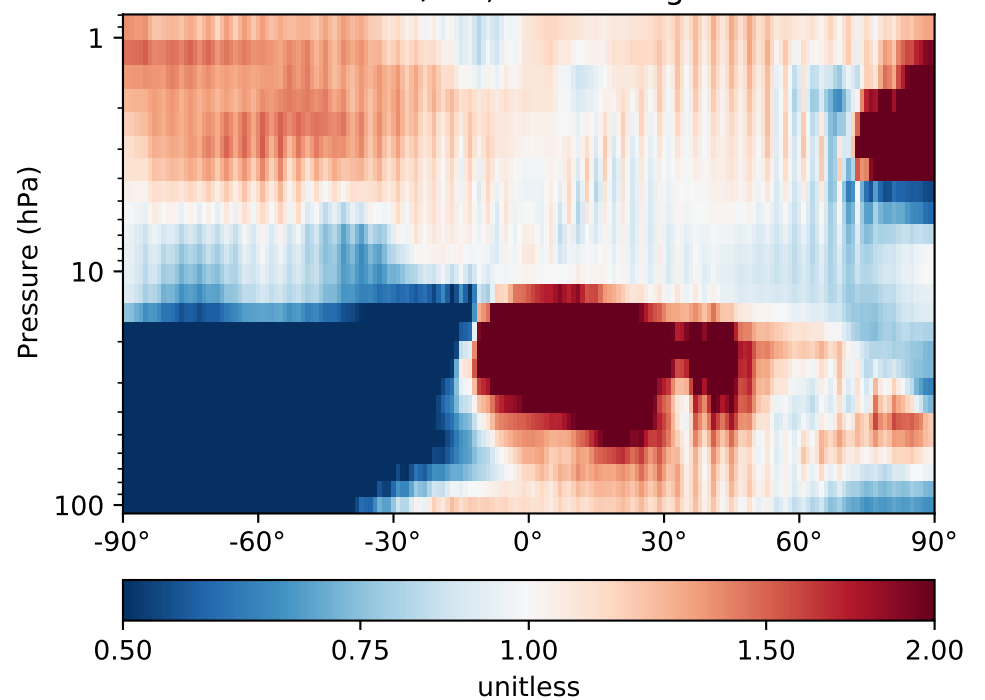
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

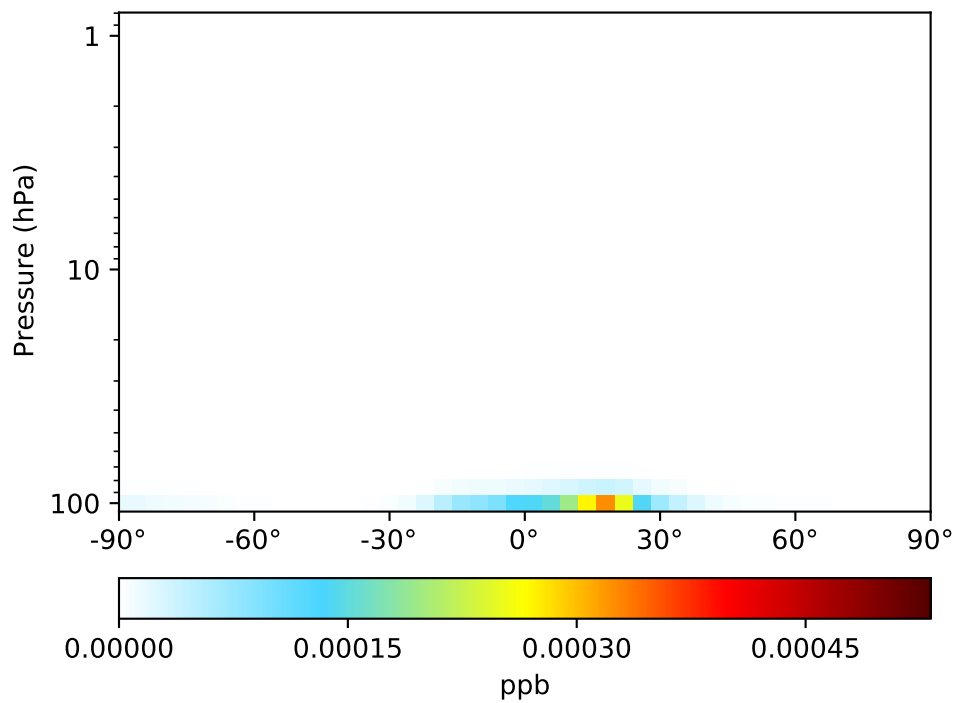


Ratio (1x1.25)  
Dev/Ref, Fixed Range

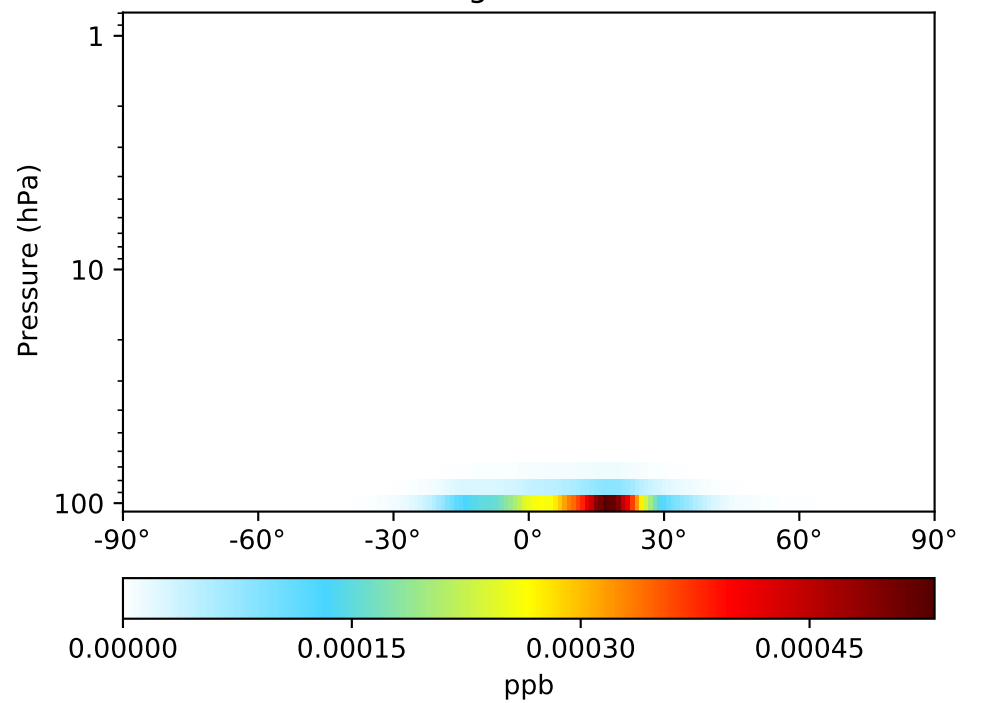


# SpeciesConc\_MEK, Zonal Mean (Oct2019)

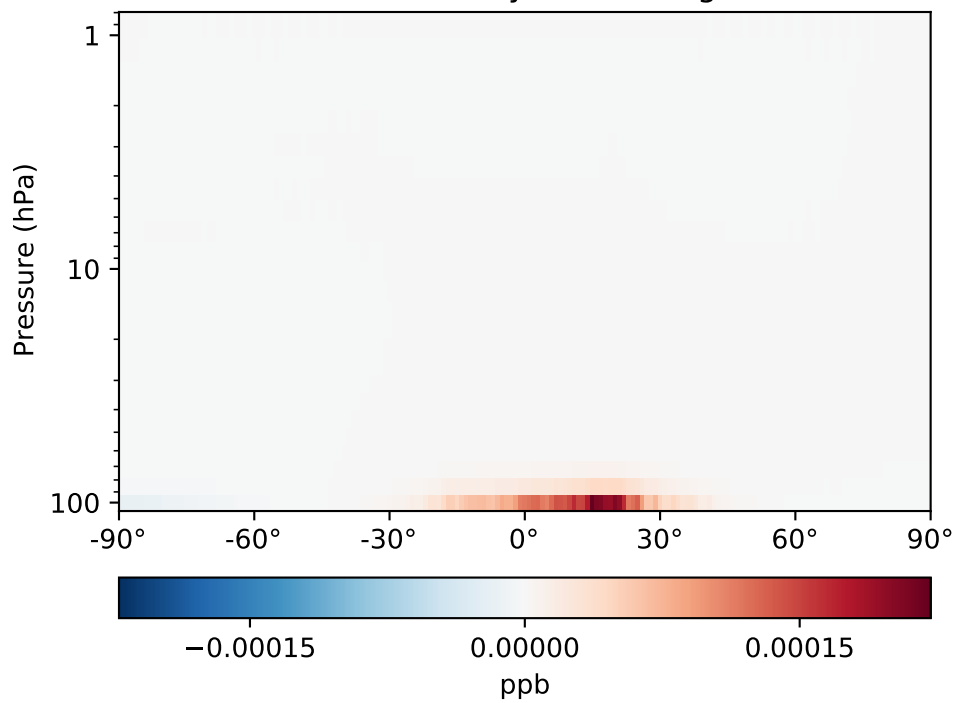
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



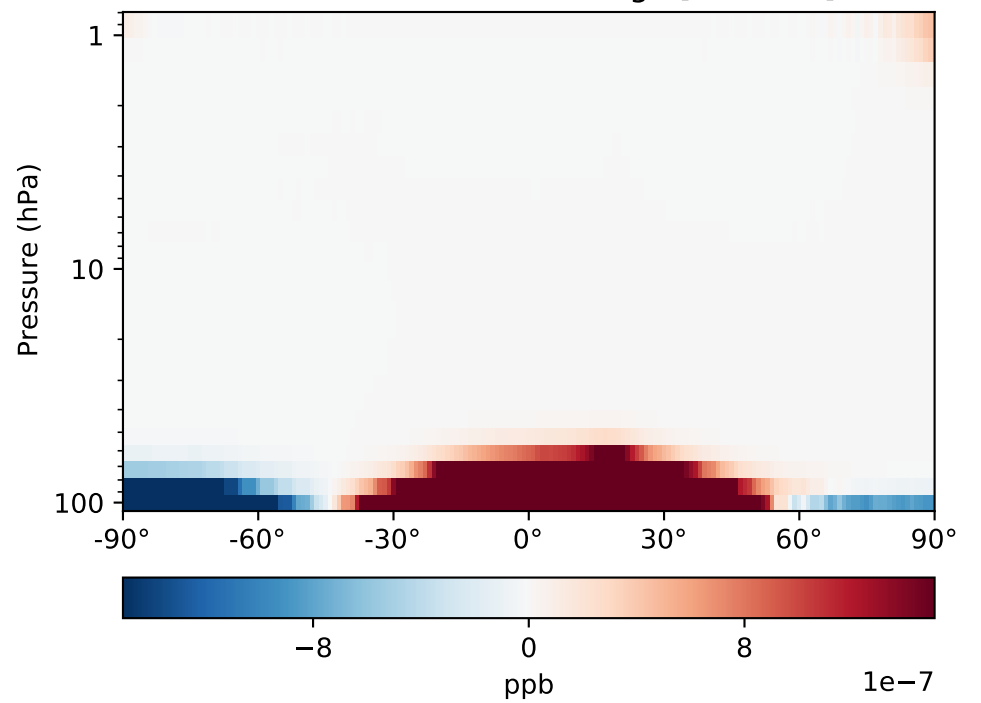
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



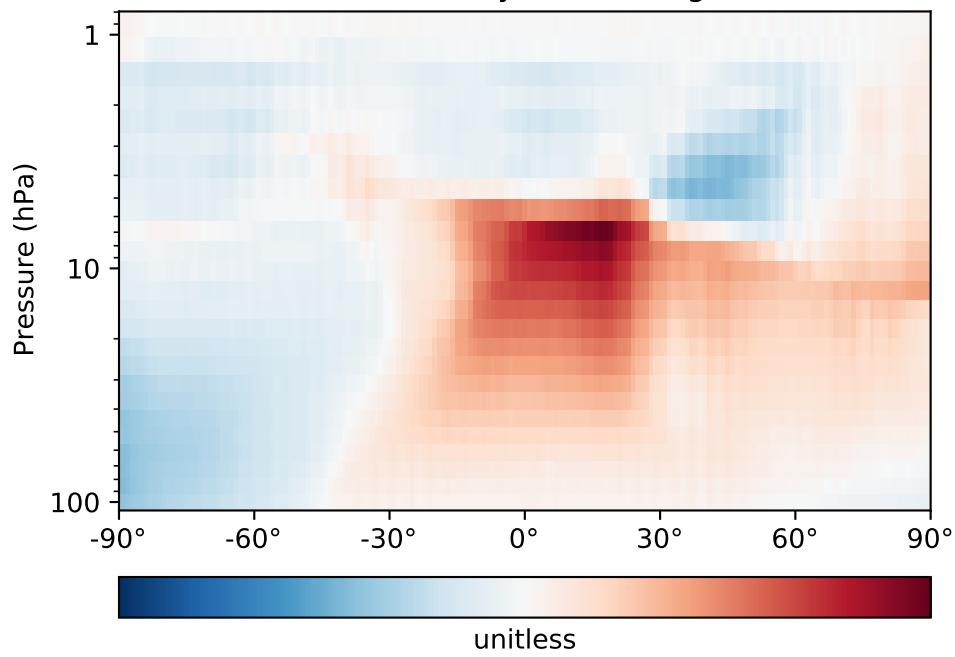
Difference (1x1.25)  
Dev - Ref, Dynamic Range



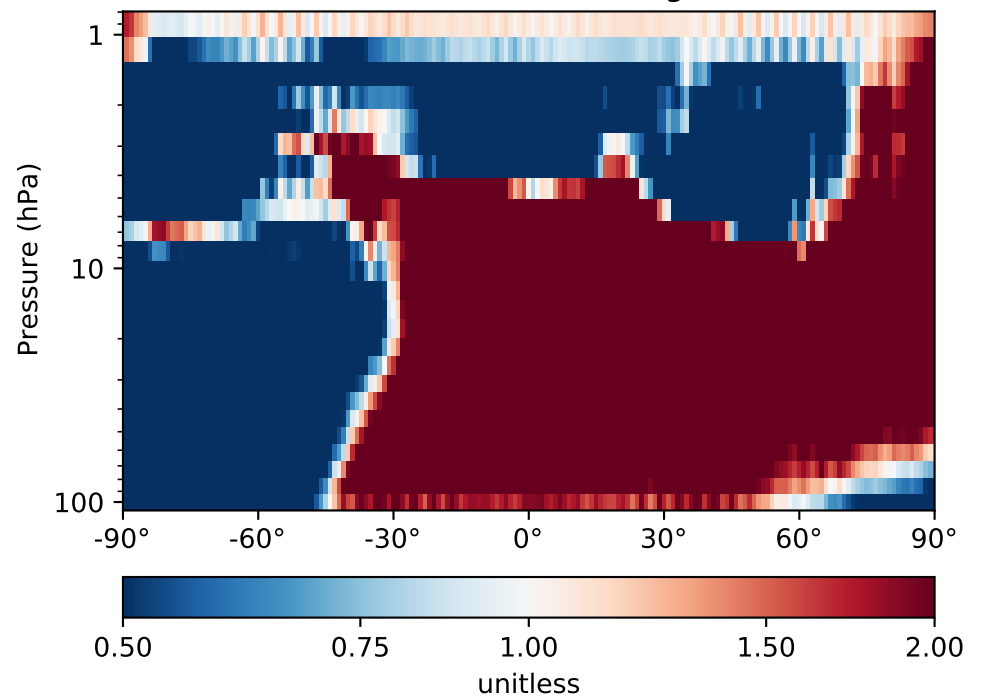
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



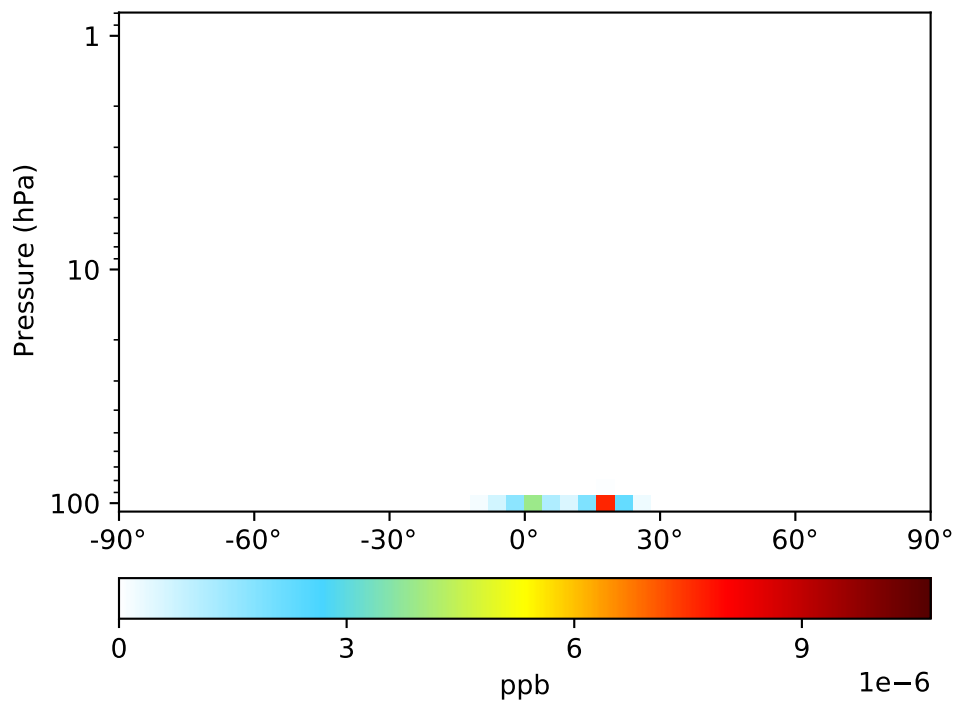
Ratio (1x1.25)  
Dev/Ref, Fixed Range



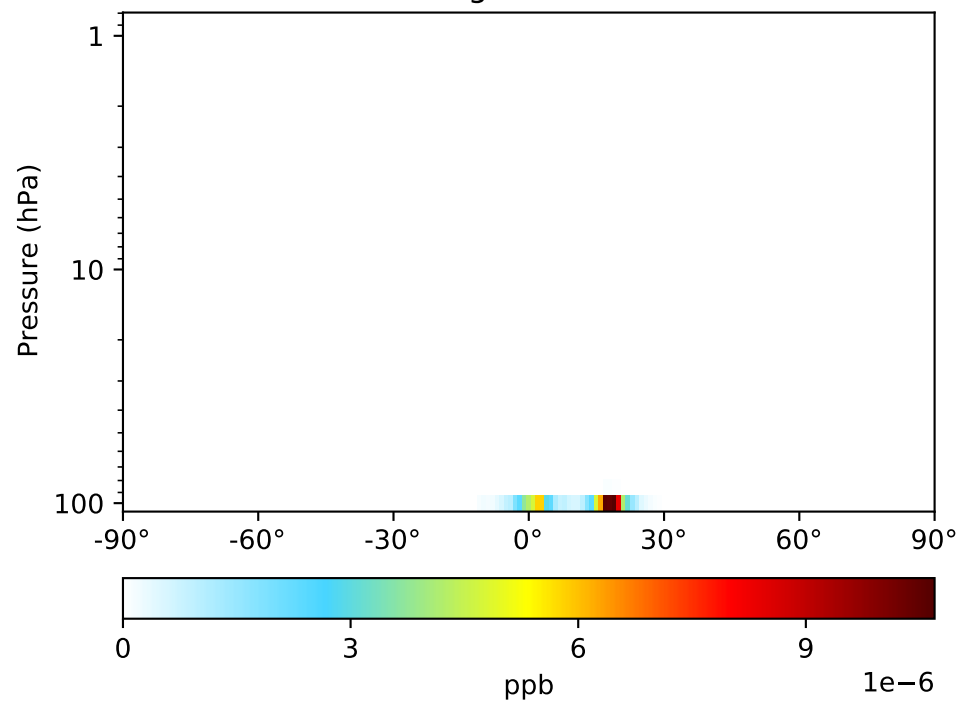


# SpeciesConc\_MVK, Zonal Mean (Oct2019)

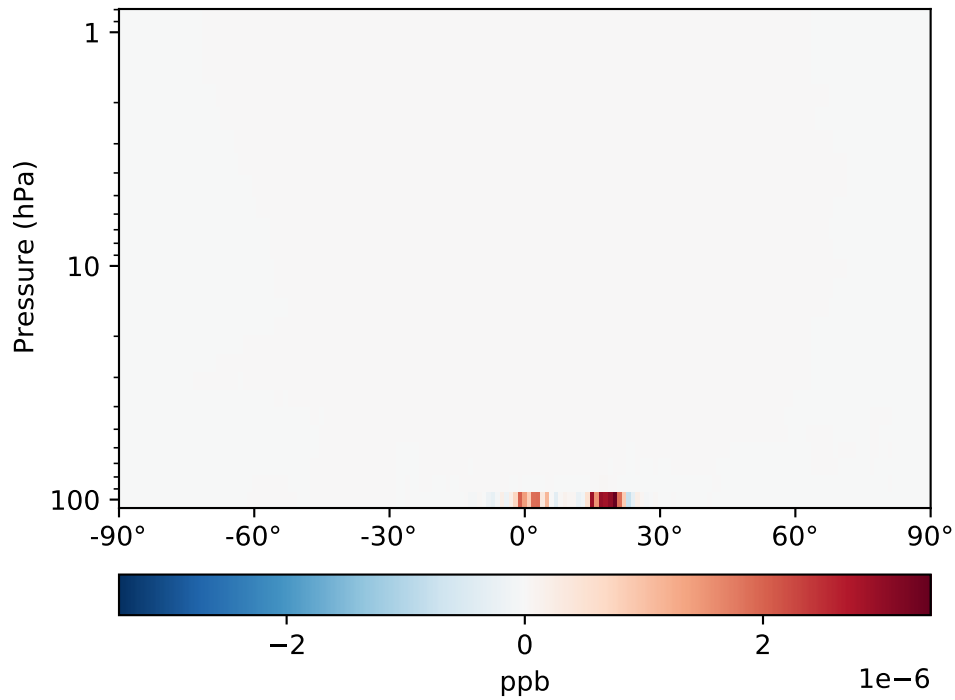
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



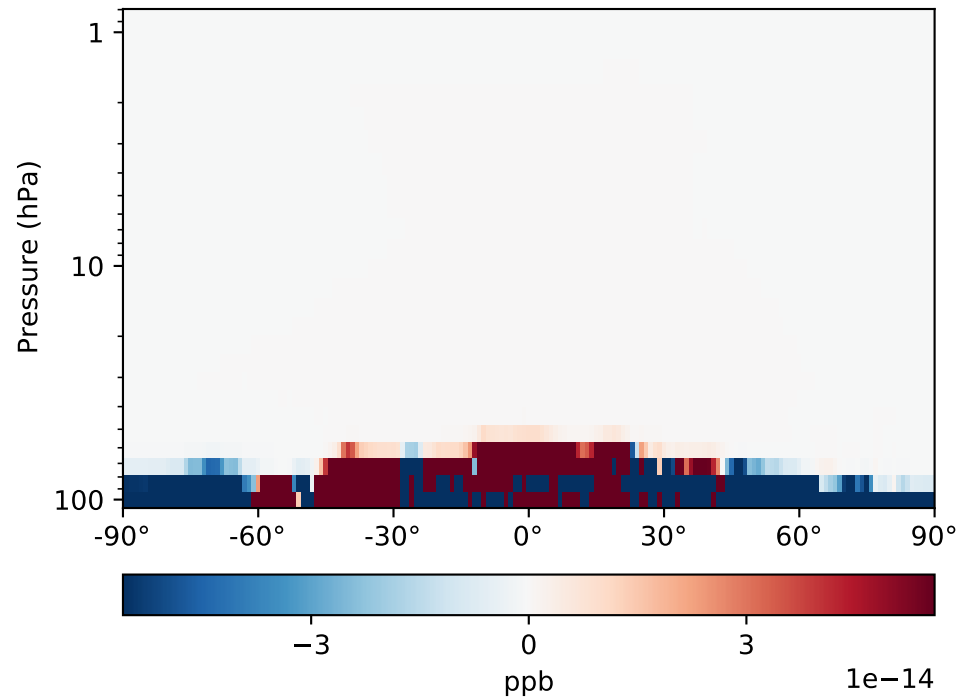
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



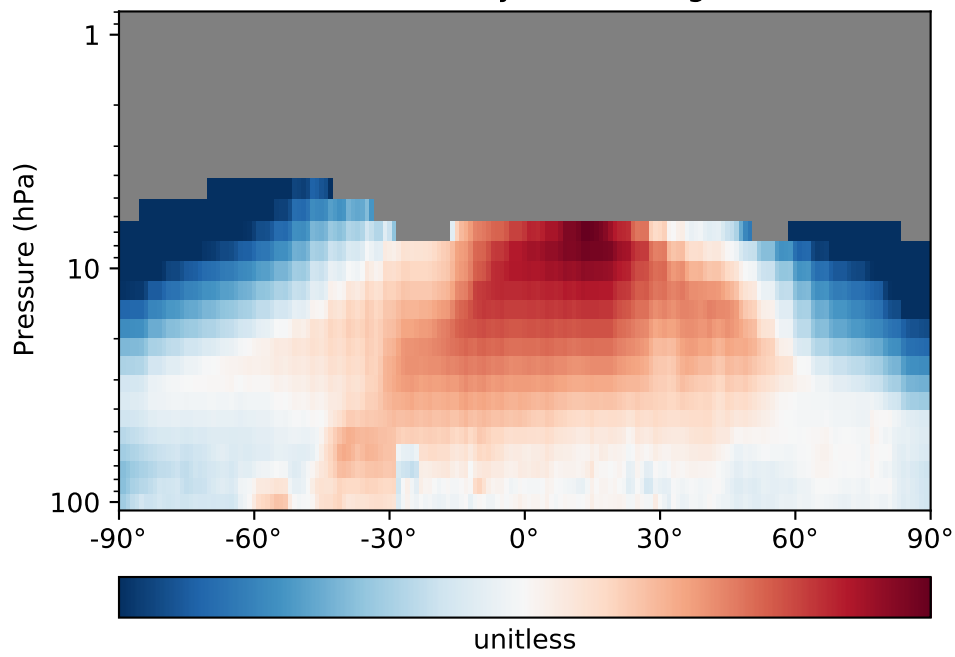
Difference (1x1.25)  
Dev - Ref, Dynamic Range



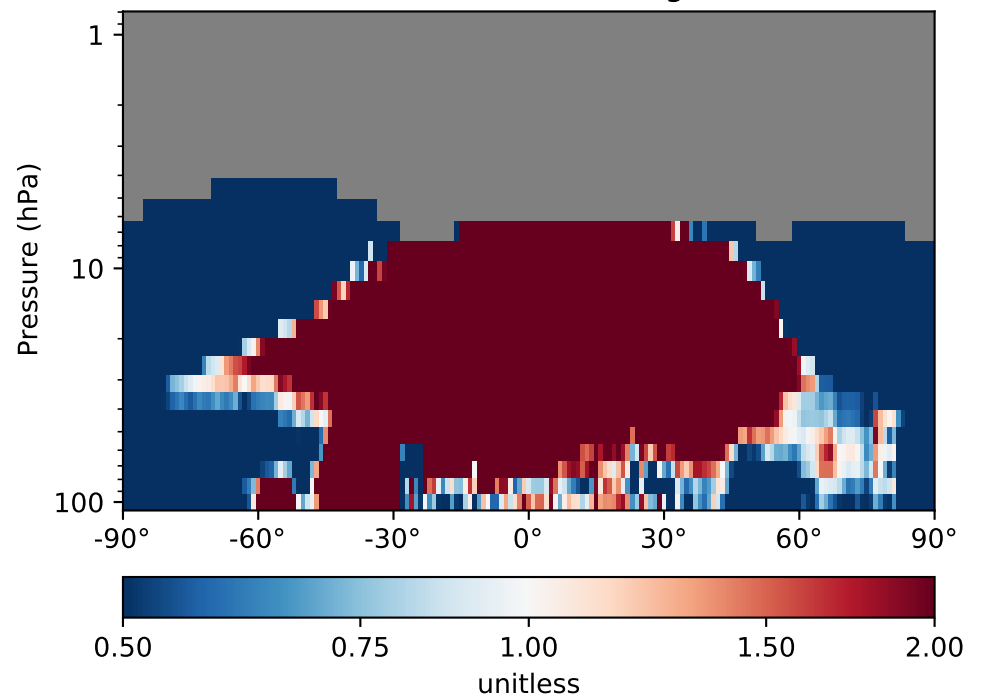
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

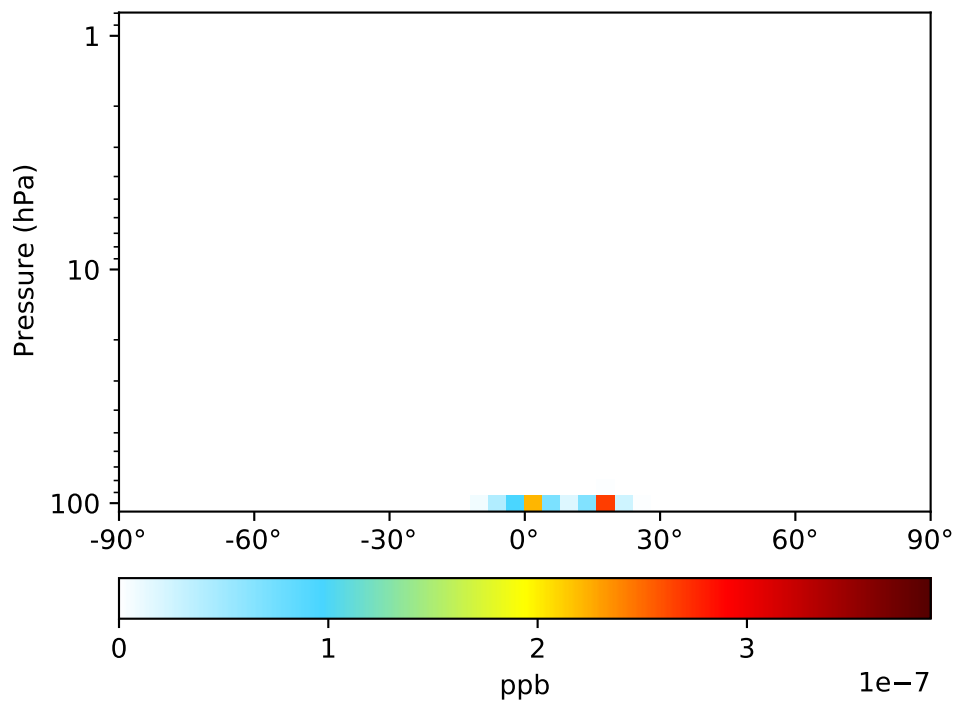


Ratio (1x1.25)  
Dev/Ref, Fixed Range

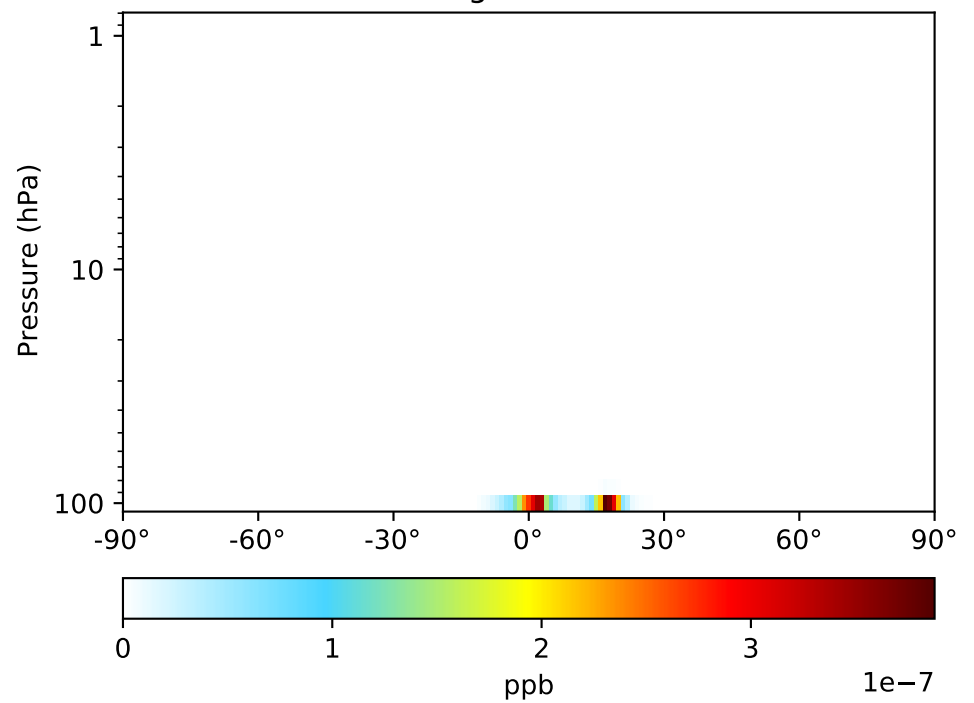


# SpeciesConc\_ISOPN, Zonal Mean (Oct2019)

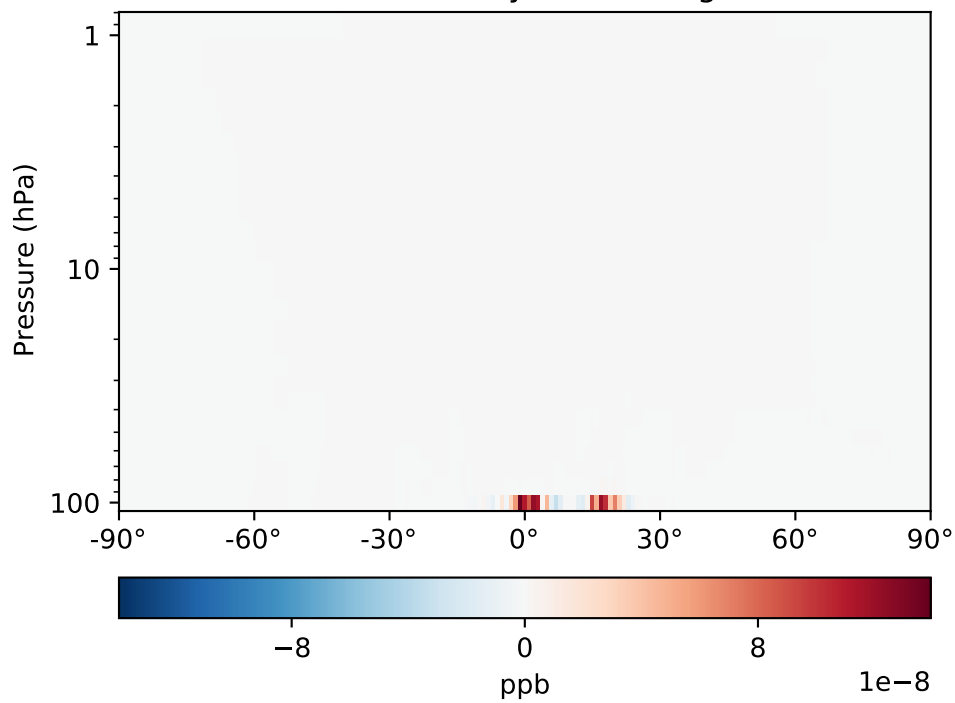
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



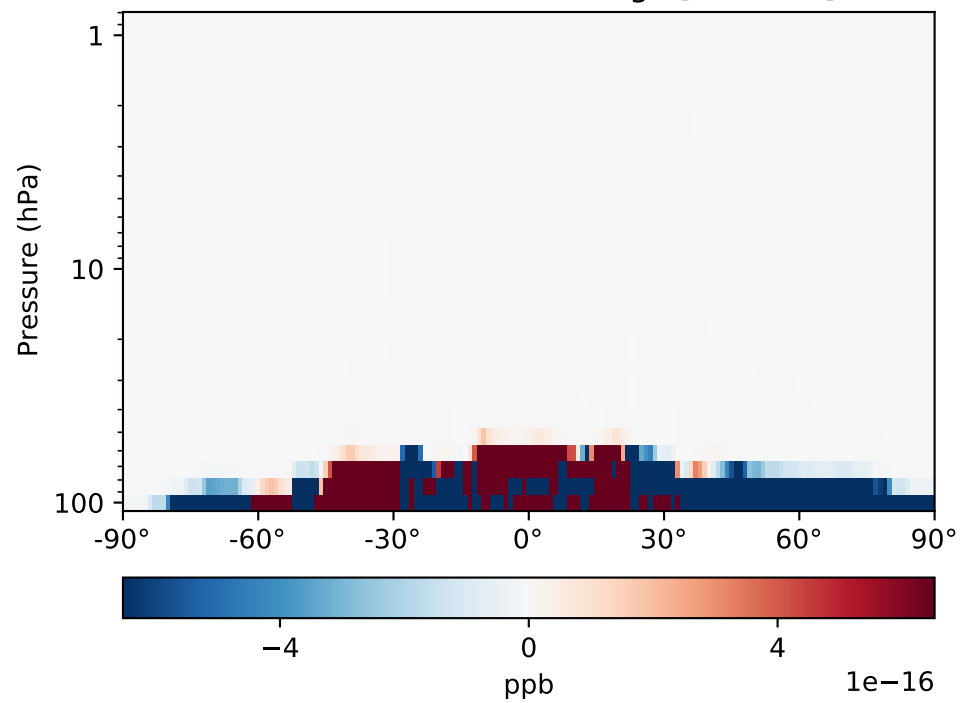
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



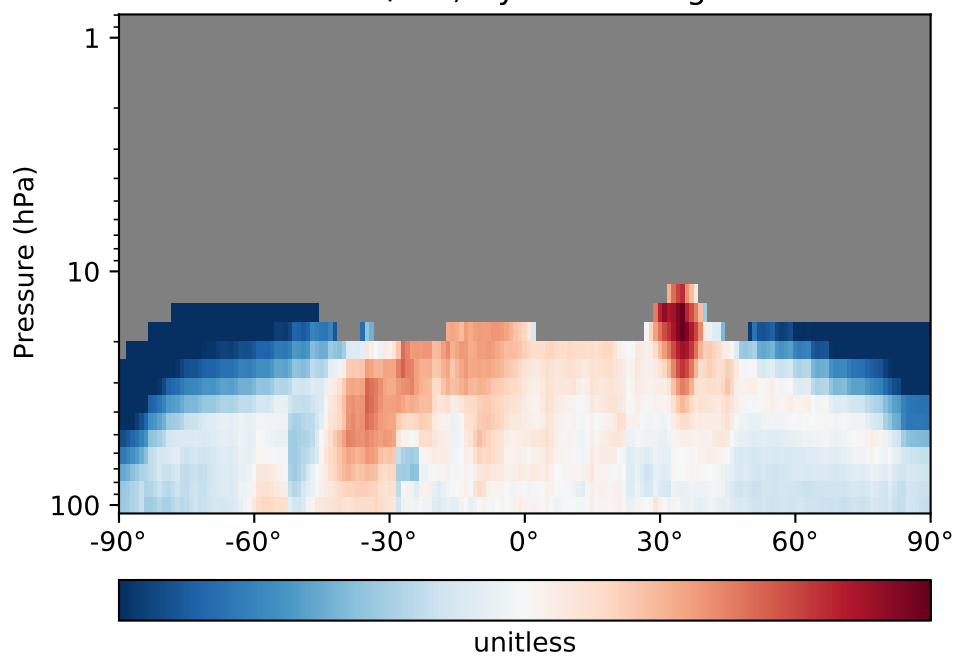
Difference (1x1.25)  
Dev - Ref, Dynamic Range



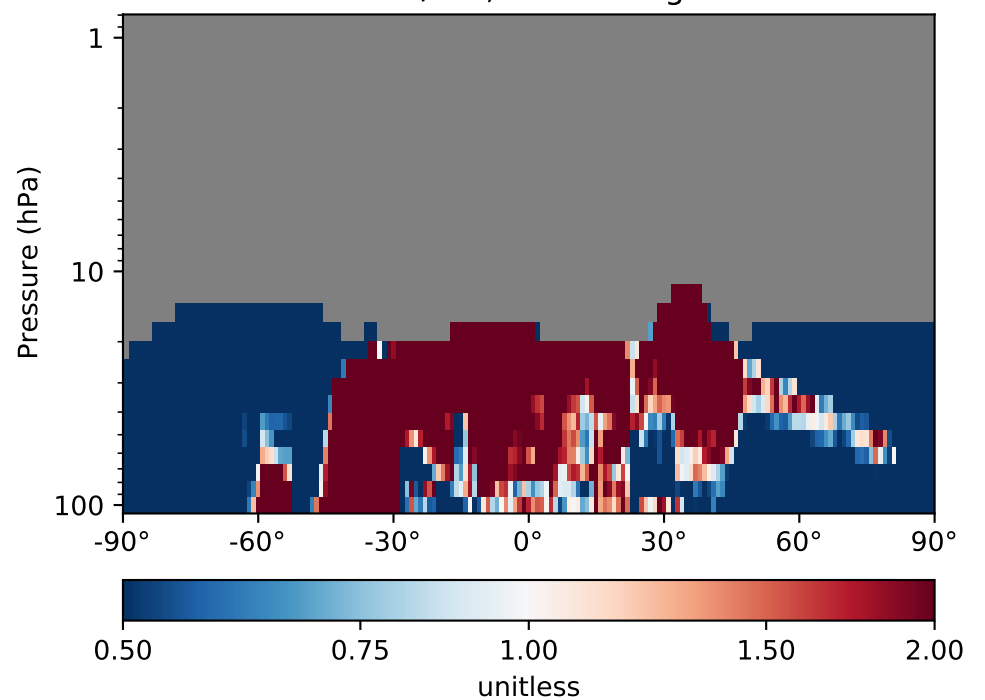
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

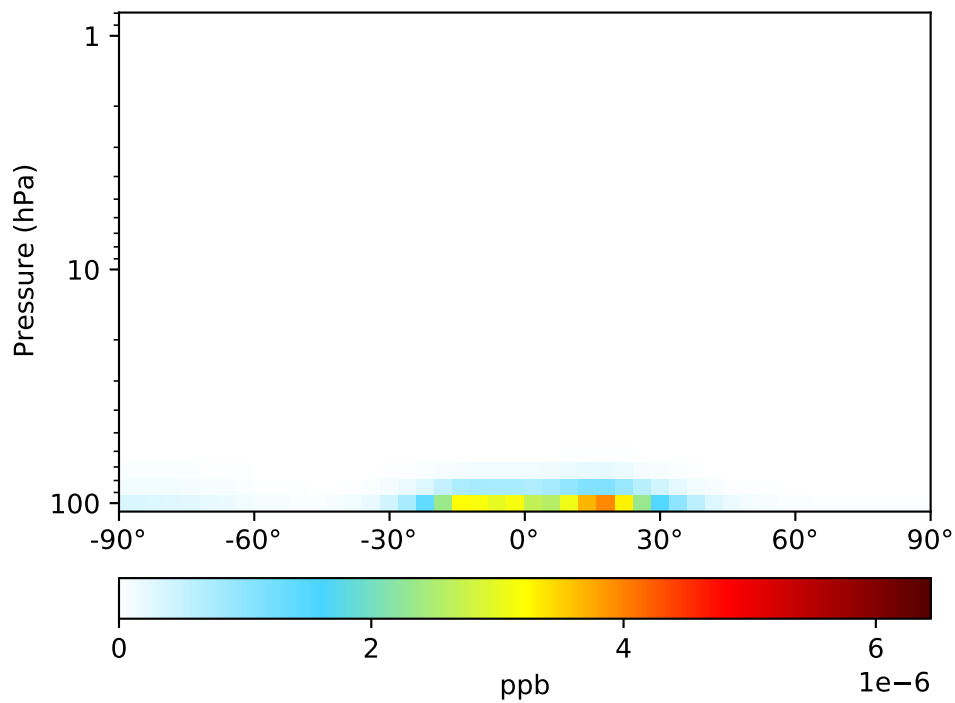


Ratio (1x1.25)  
Dev/Ref, Fixed Range

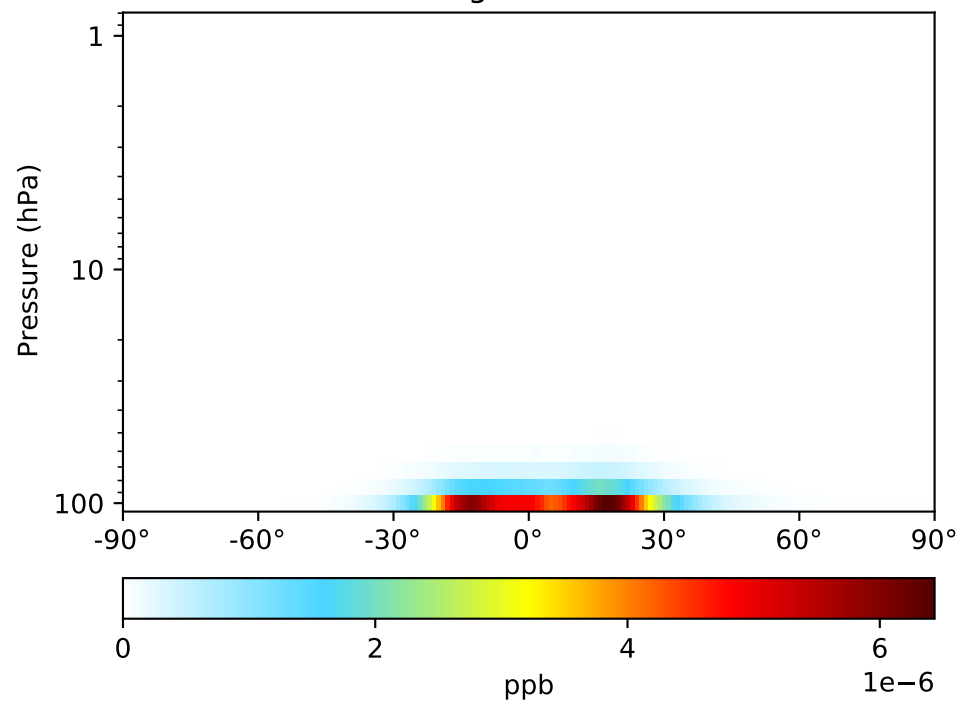


# SpeciesConc\_GLYX, Zonal Mean (Oct2019)

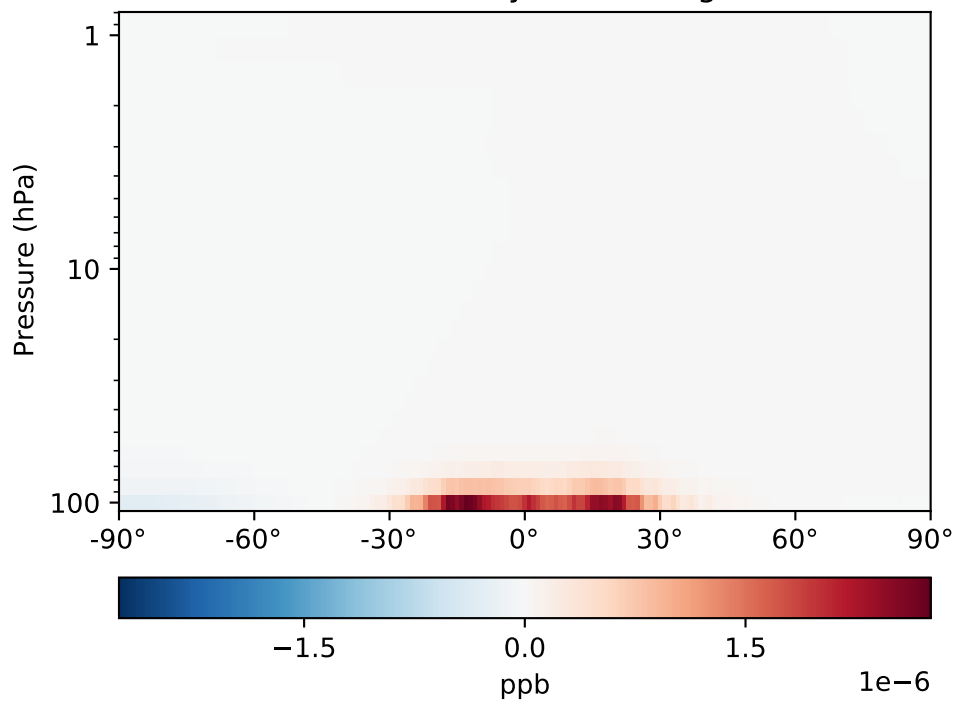
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



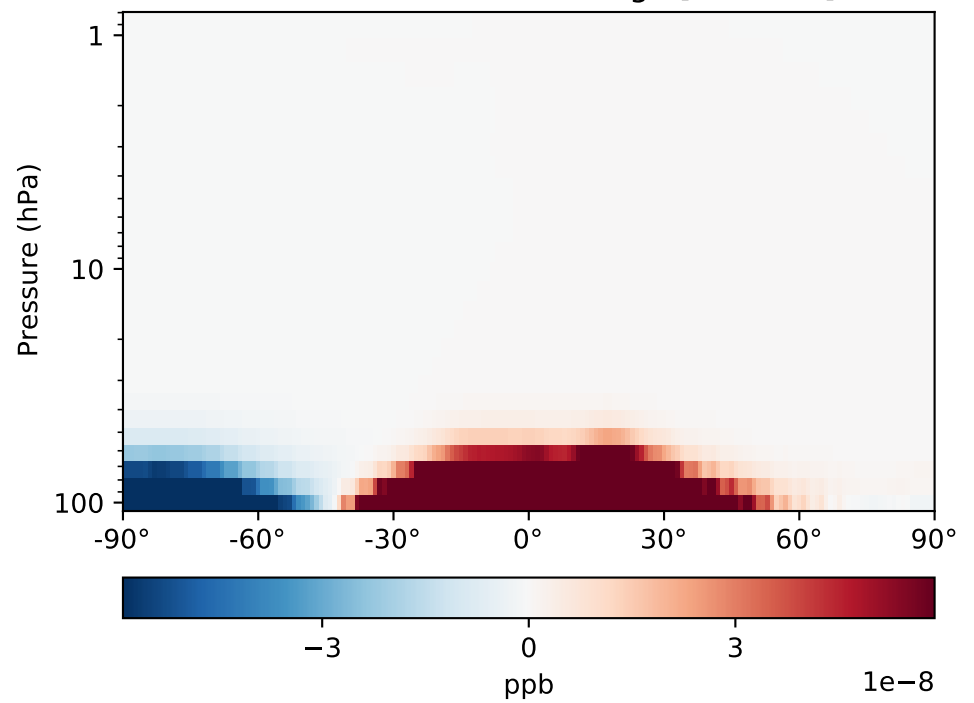
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



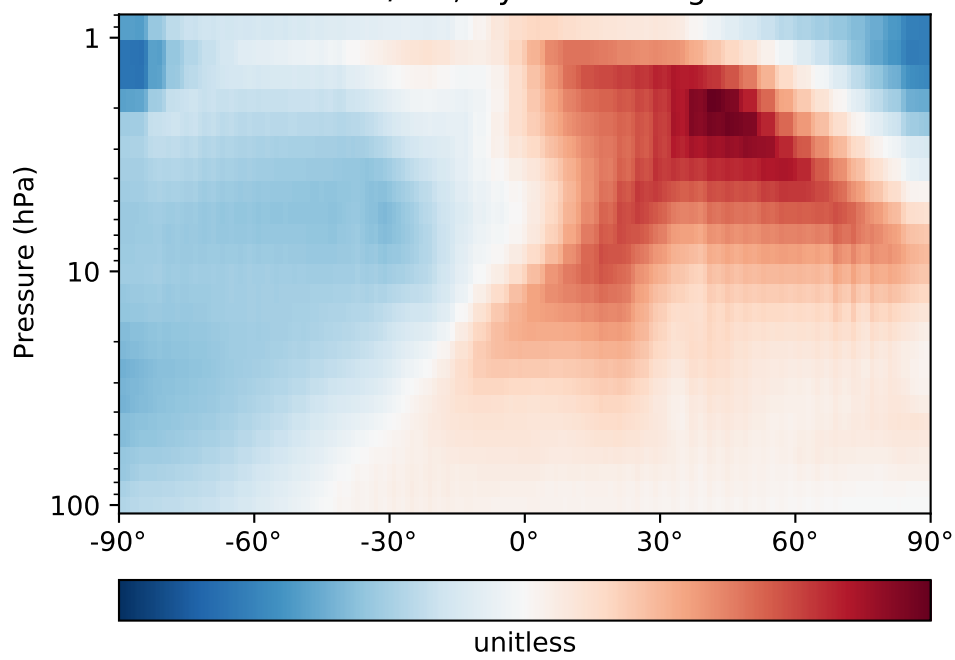
Difference (1x1.25)  
Dev - Ref, Dynamic Range



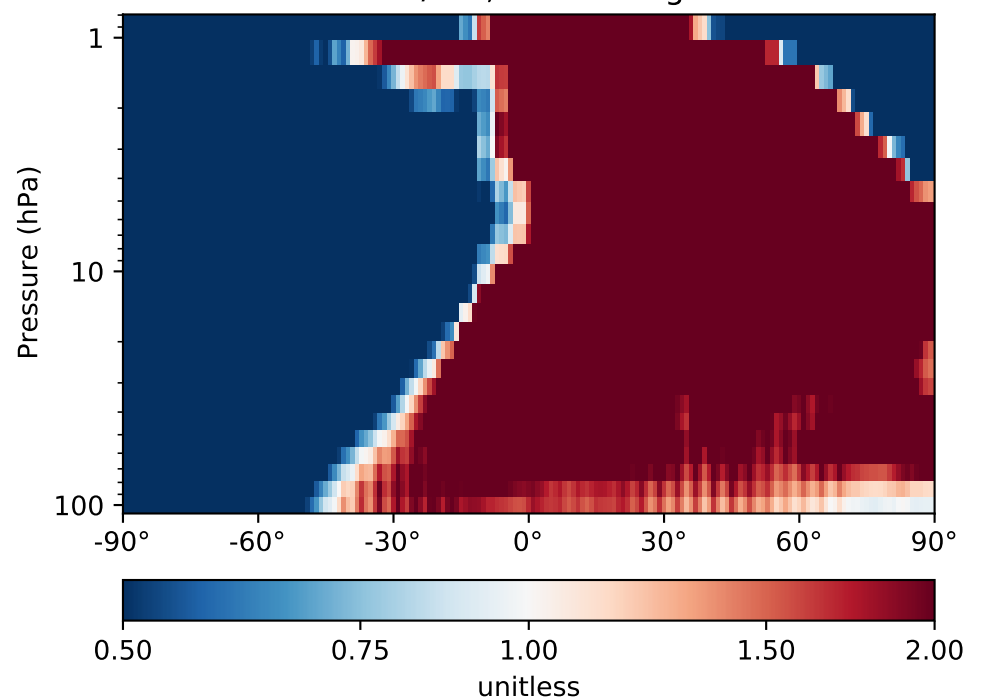
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

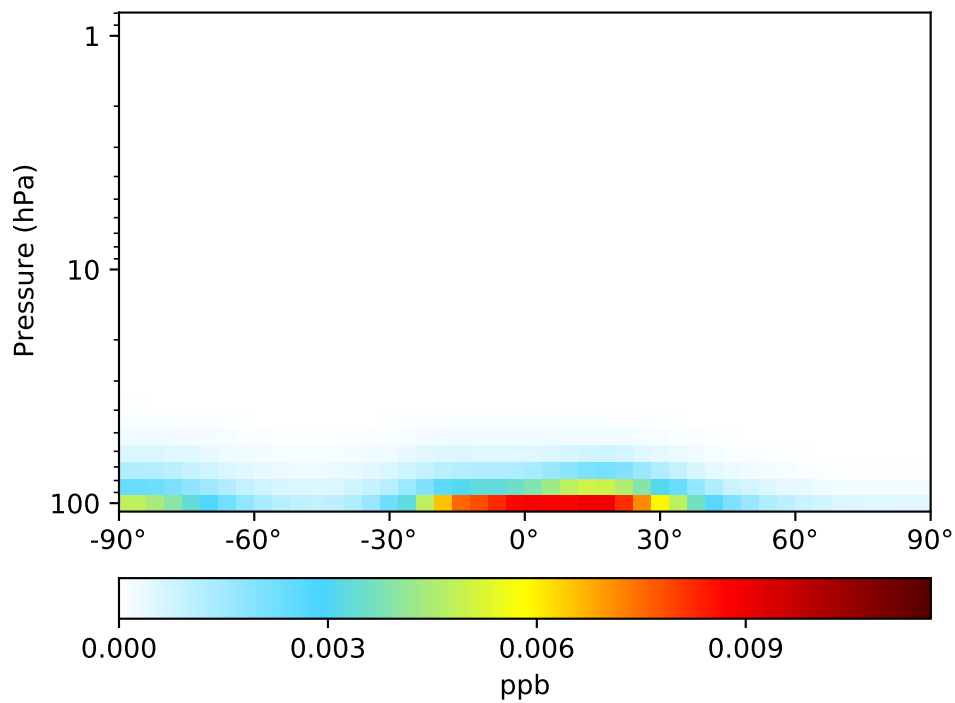


Ratio (1x1.25)  
Dev/Ref, Fixed Range

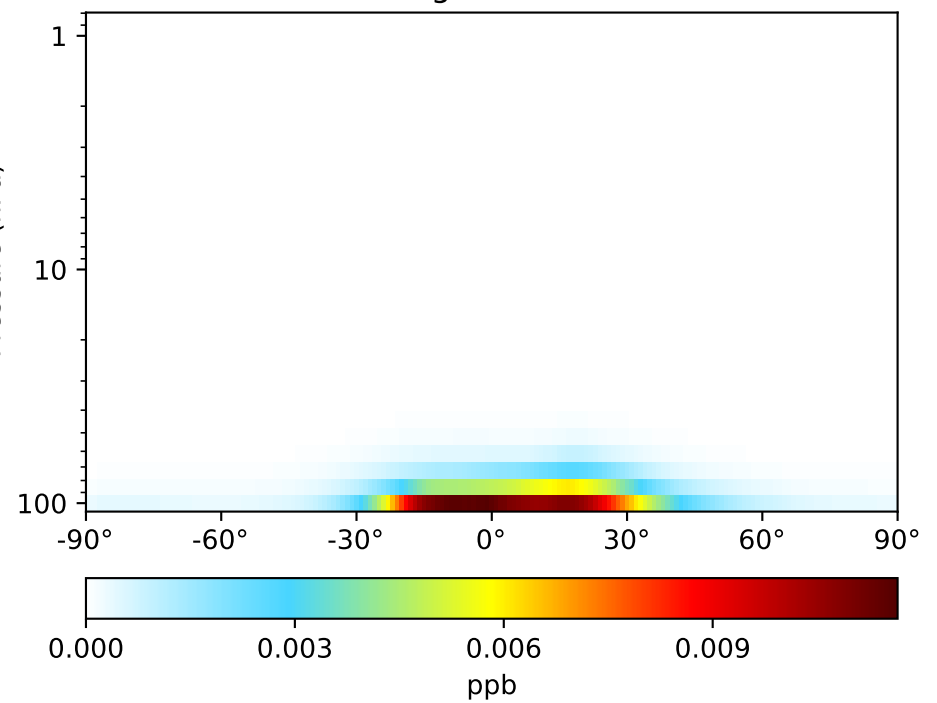


# SpeciesConc\_HCOOH, Zonal Mean (Oct2019)

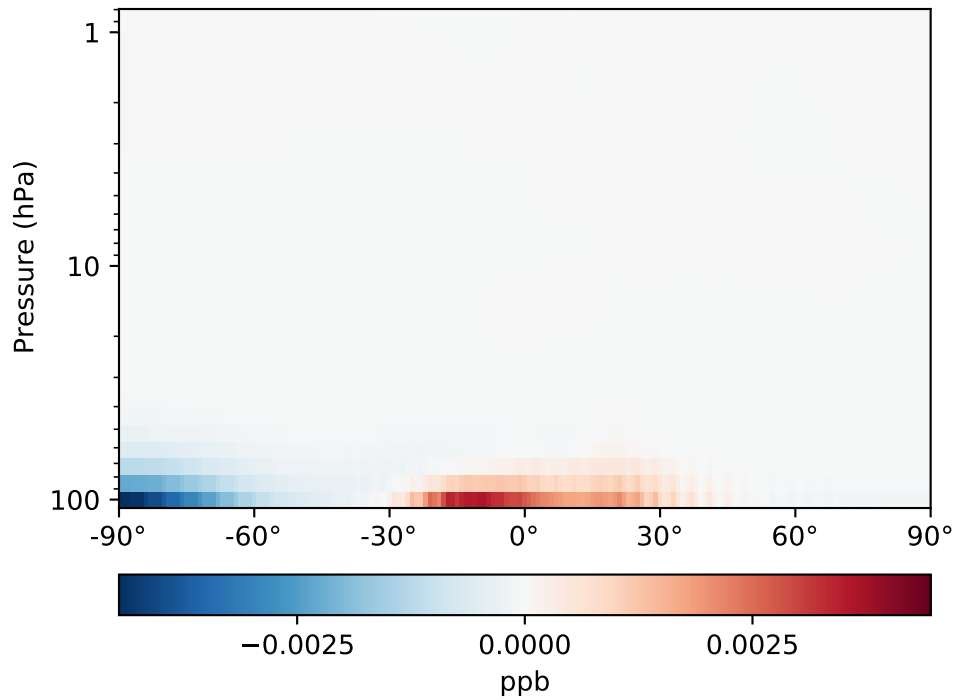
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



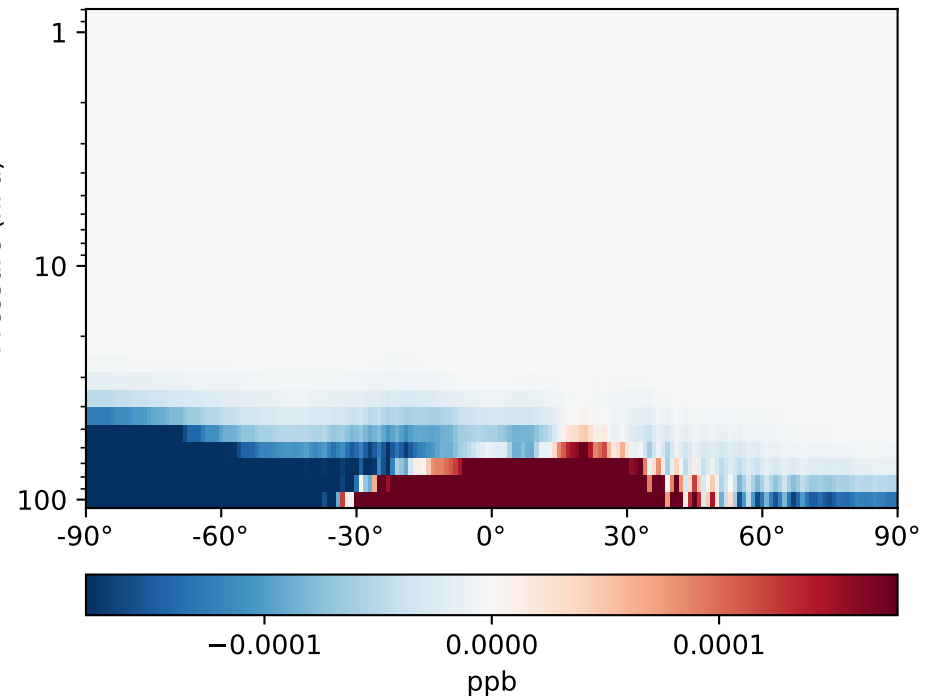
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



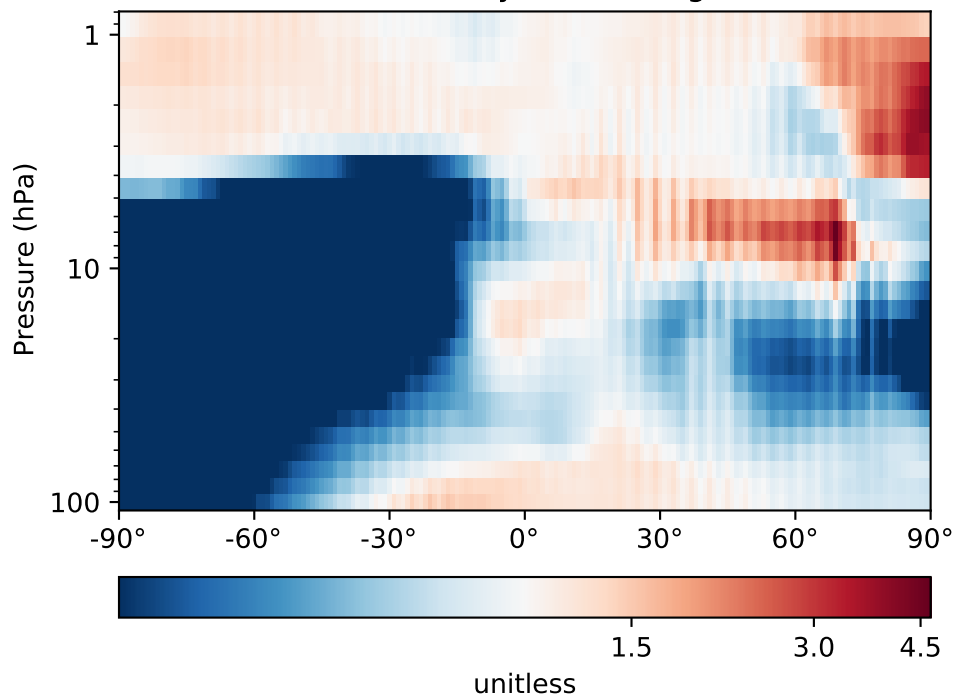
Difference (1x1.25)  
Dev - Ref, Dynamic Range



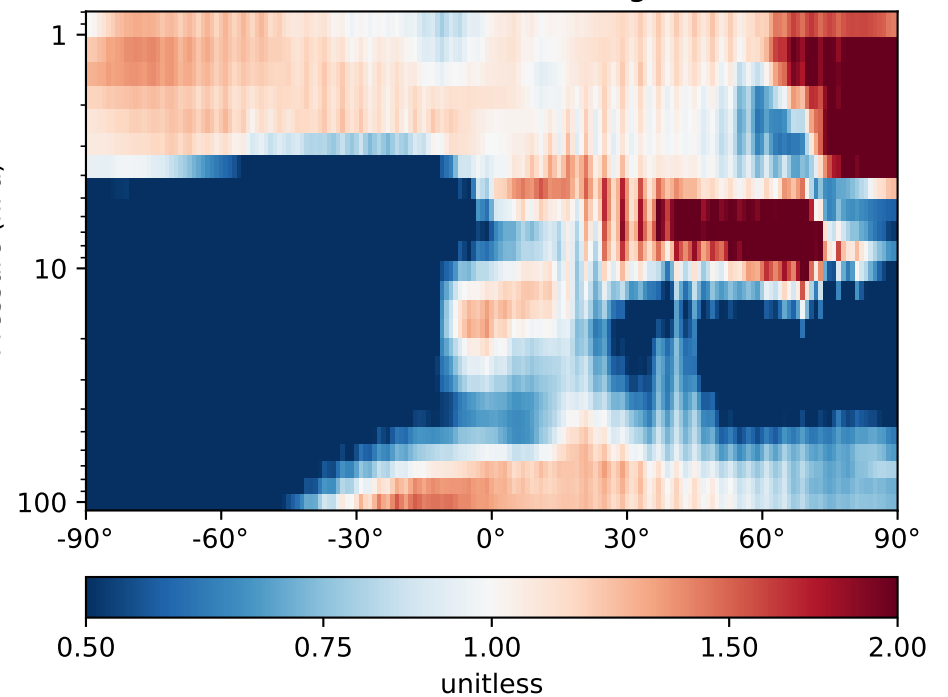
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

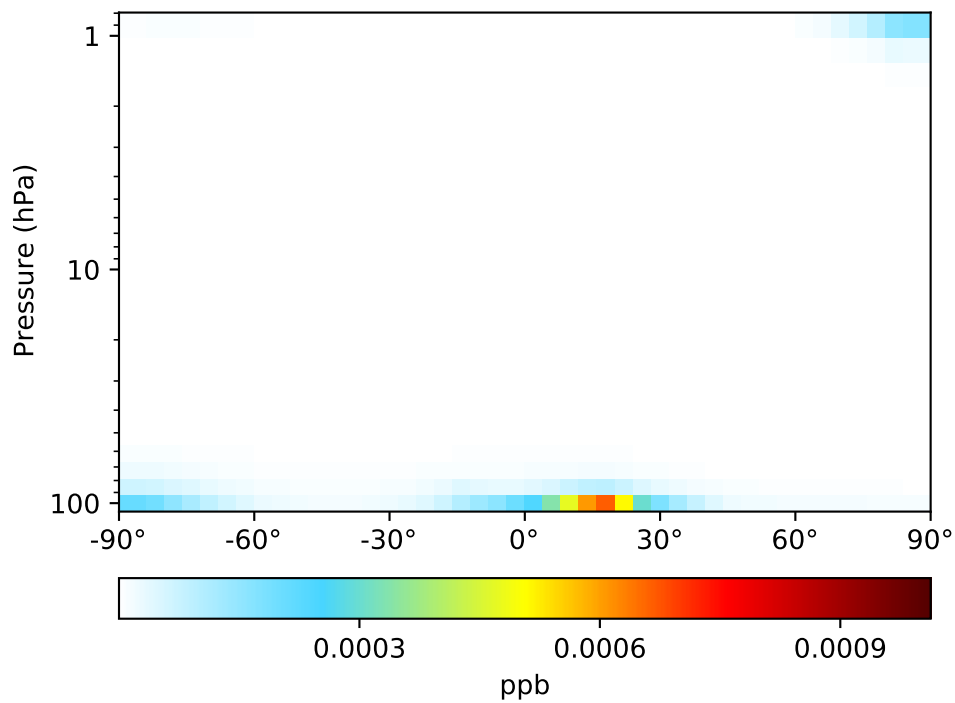


Ratio (1x1.25)  
Dev/Ref, Fixed Range

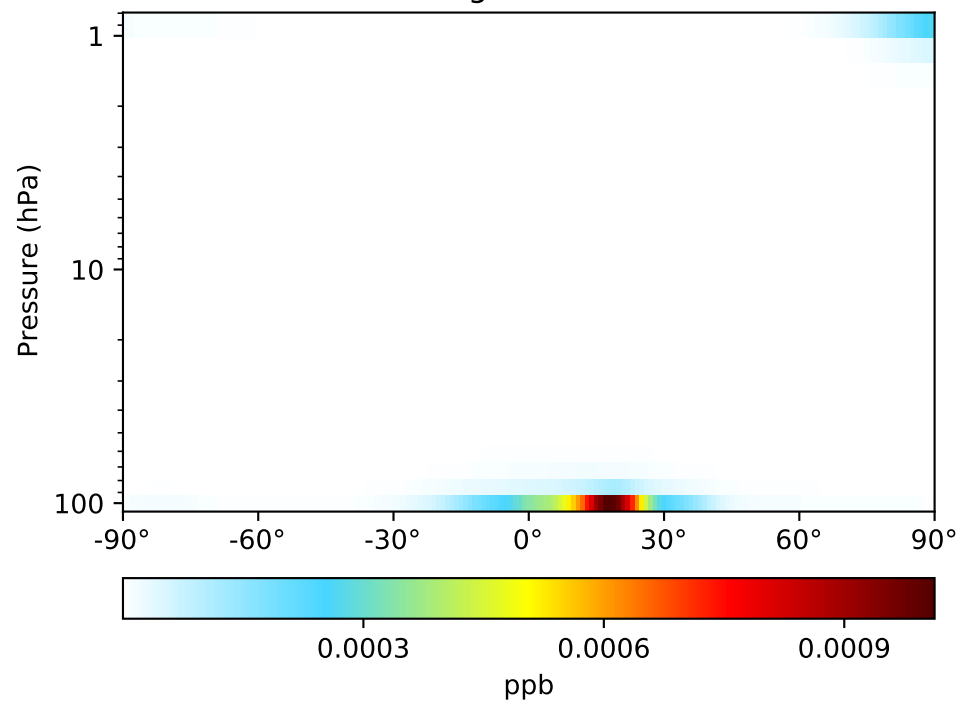


# SpeciesConc\_MAP, Zonal Mean (Oct2019)

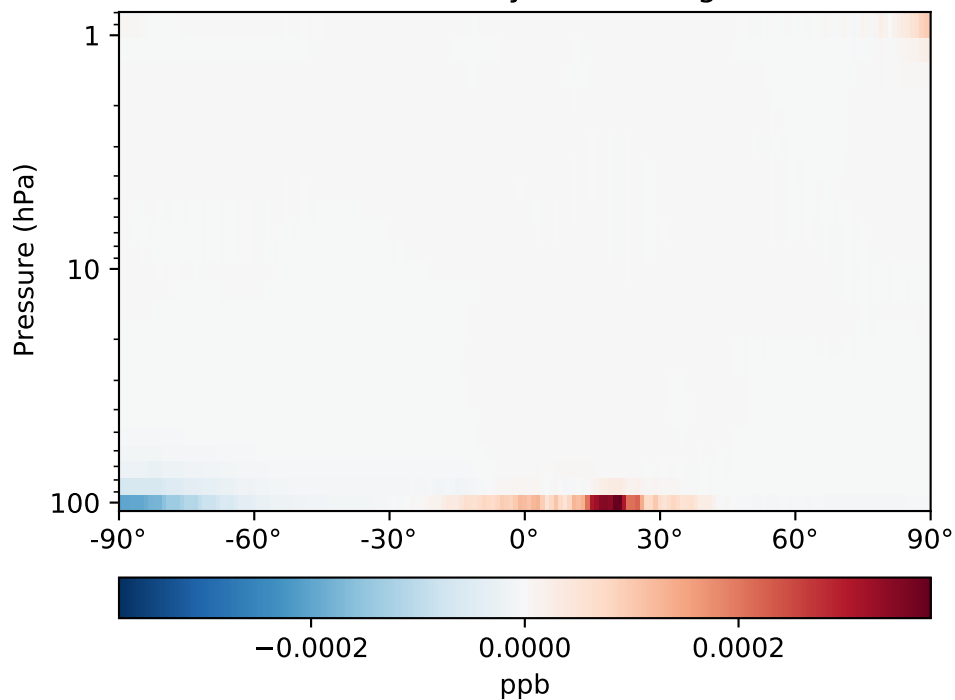
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



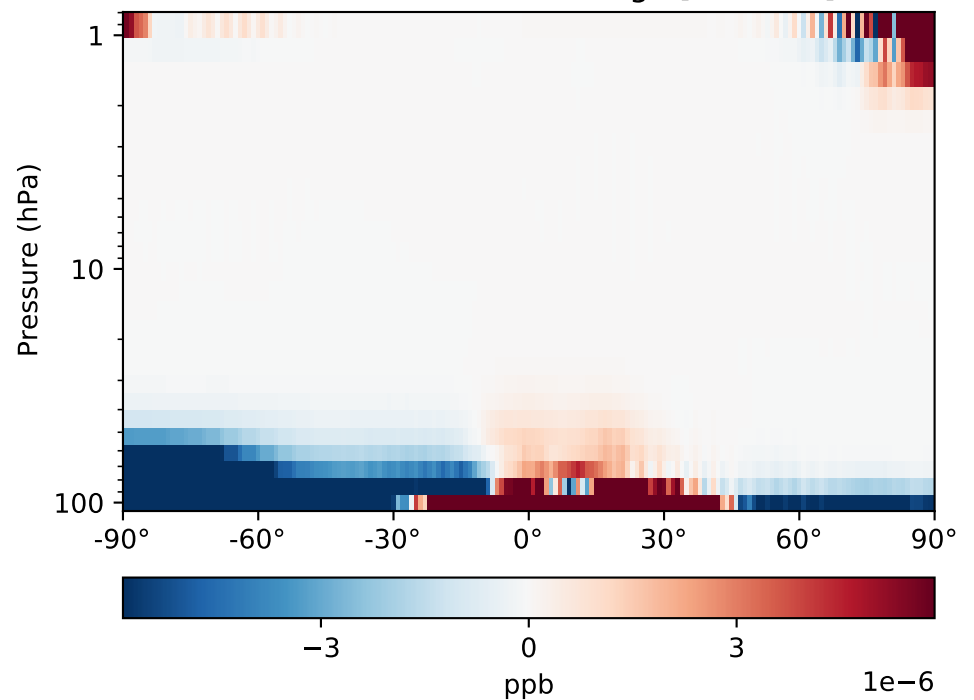
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regrided from c48



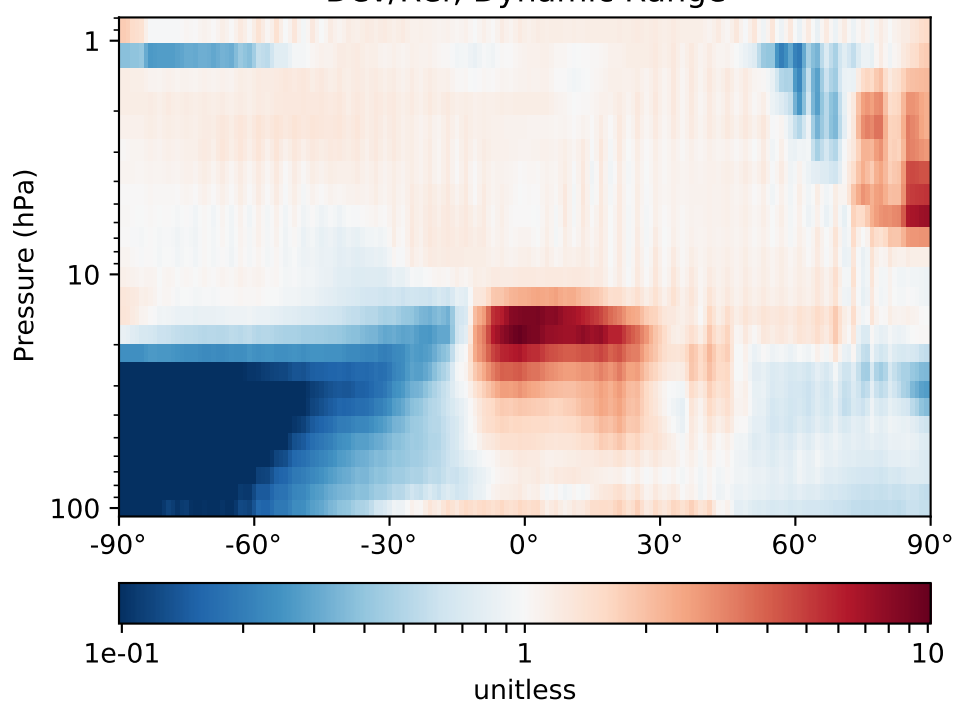
Difference (1x1.25)  
Dev - Ref, Dynamic Range



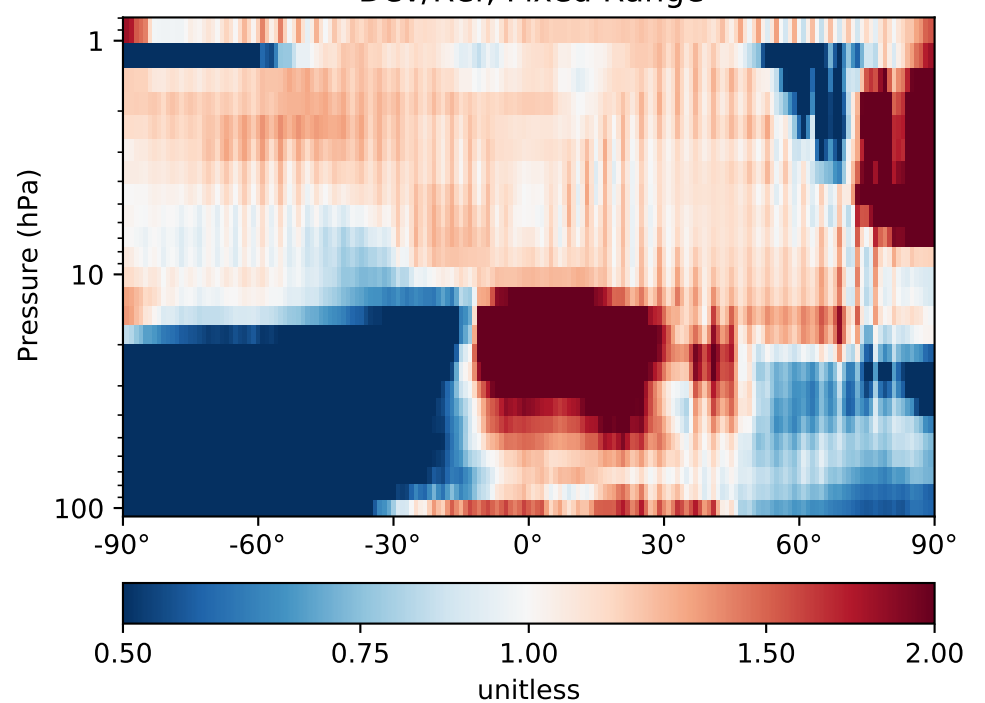
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

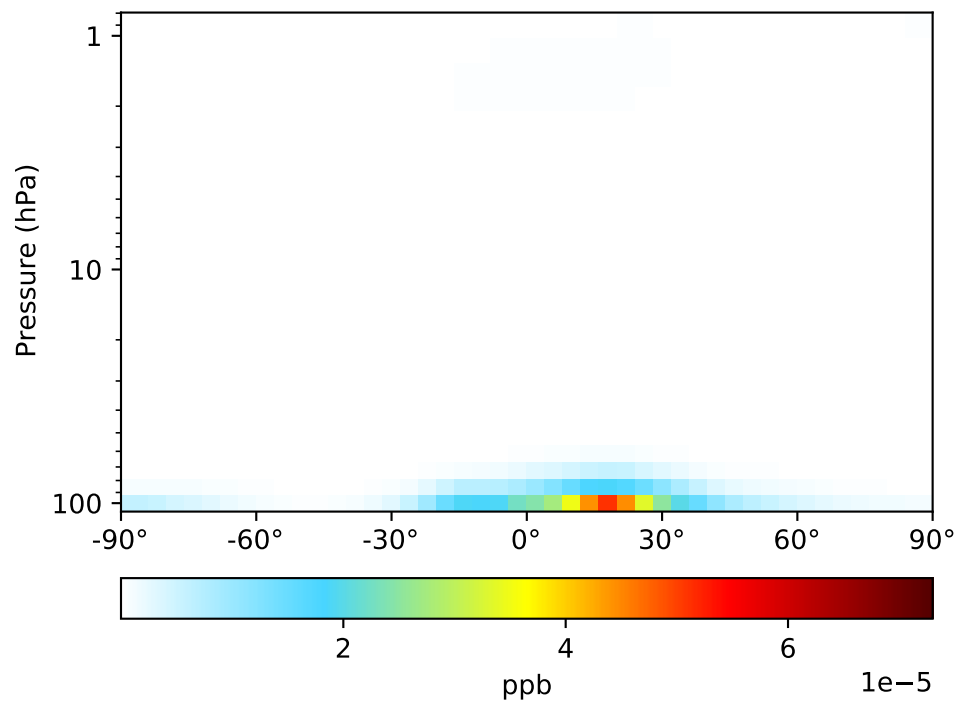


Ratio (1x1.25)  
Dev/Ref, Fixed Range

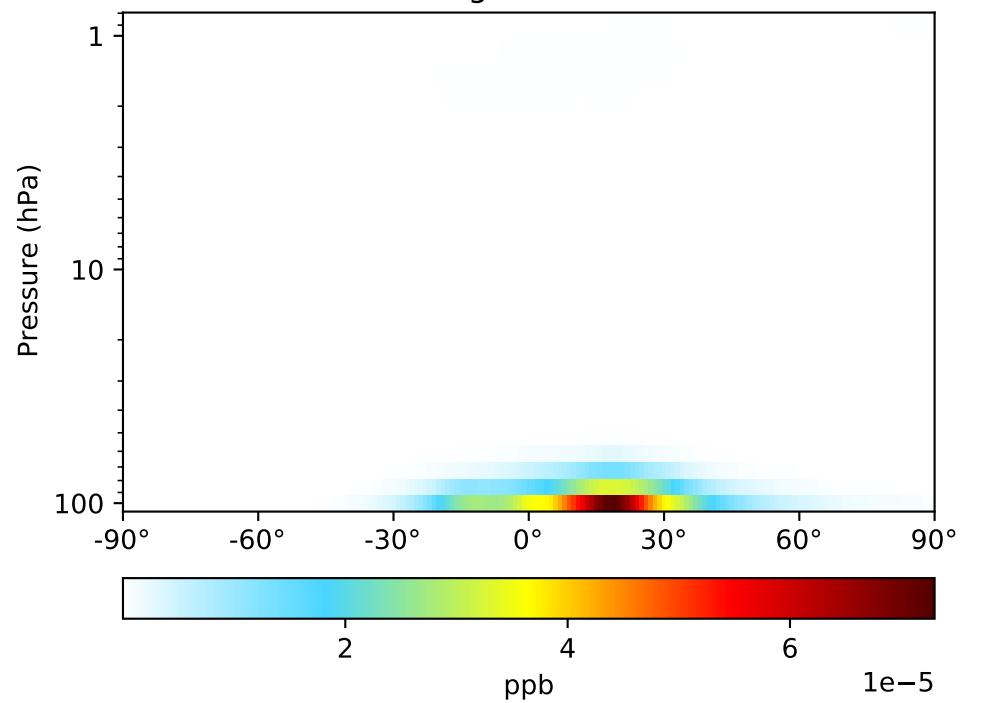


# SpeciesConc\_RCHO, Zonal Mean (Oct2019)

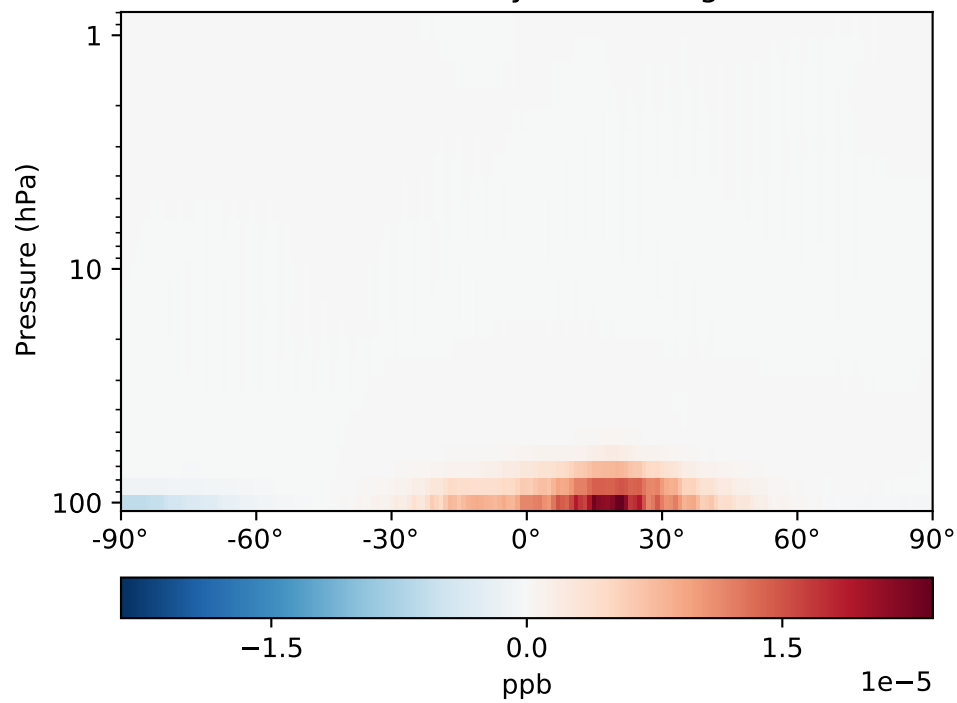
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



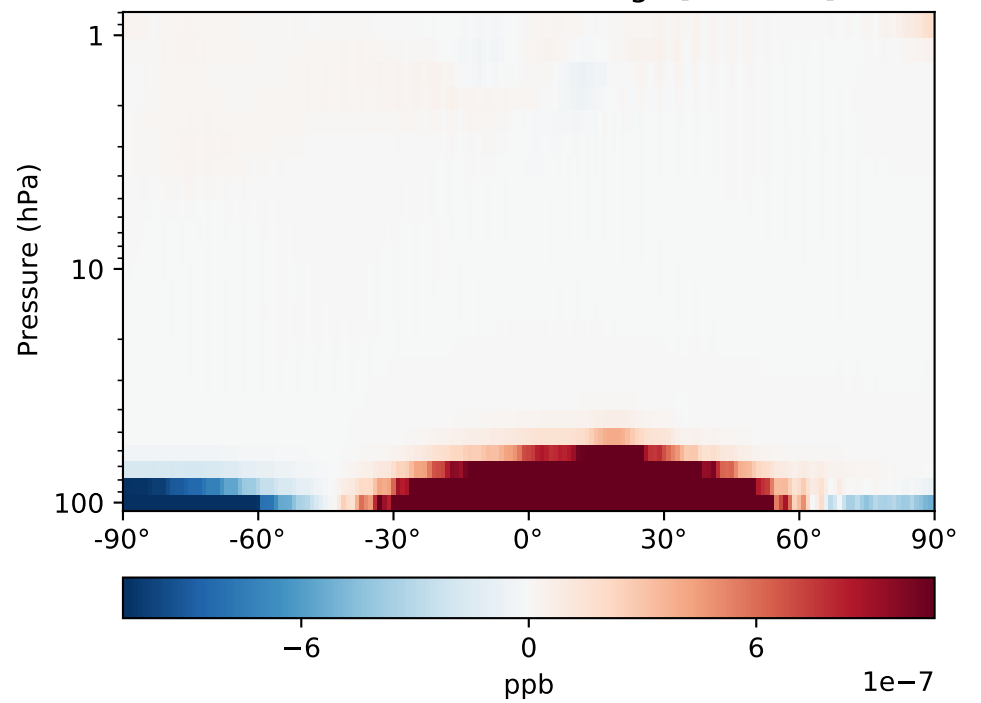
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regridged from c48



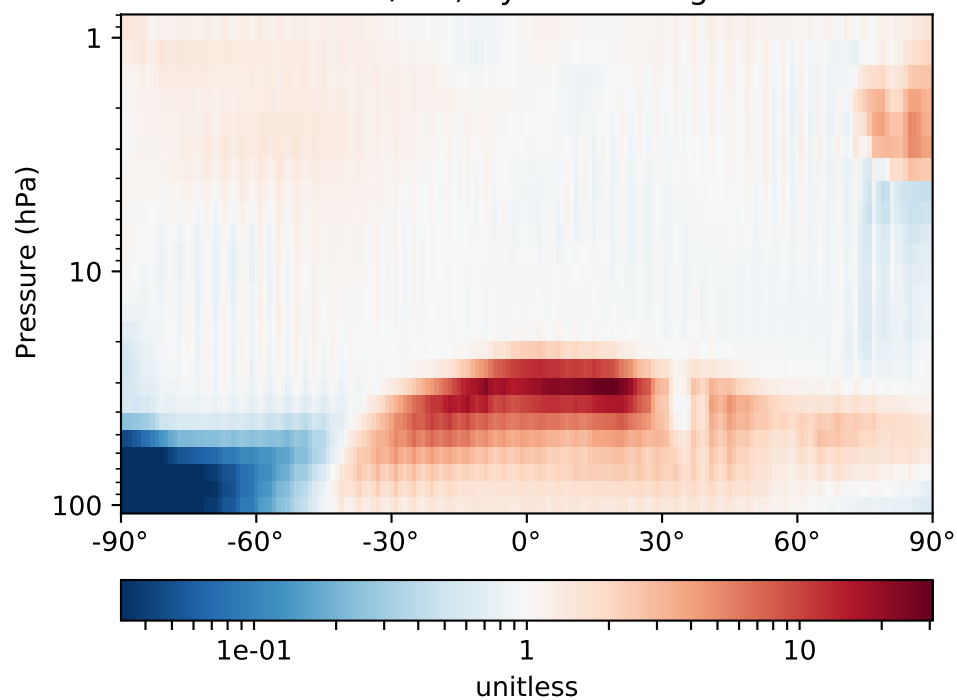
Difference (1x1.25)  
Dev - Ref, Dynamic Range



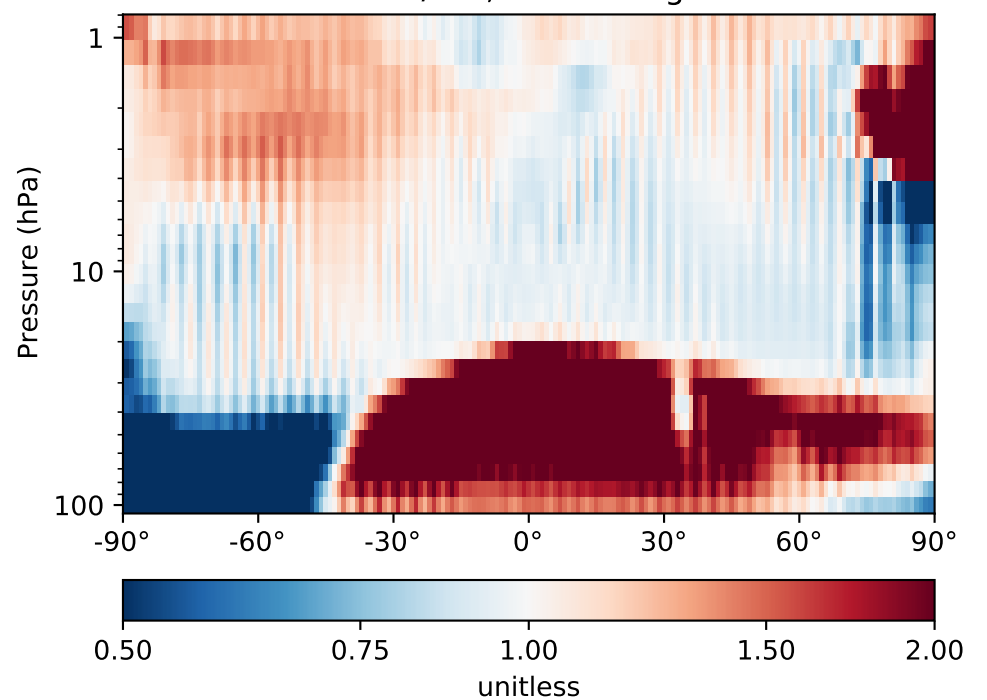
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

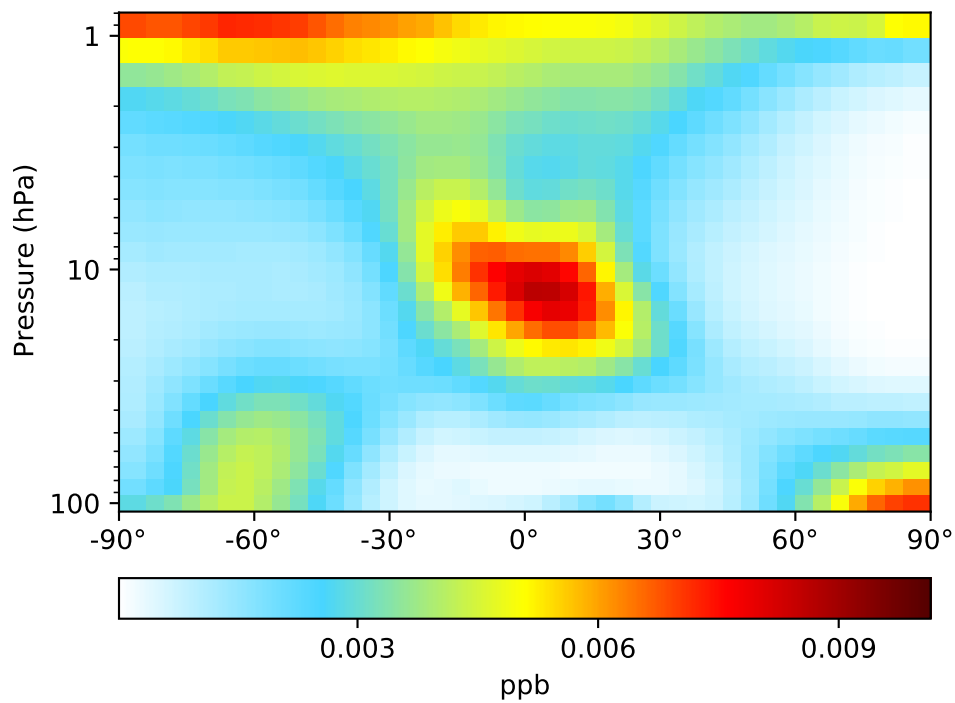


Ratio (1x1.25)  
Dev/Ref, Fixed Range

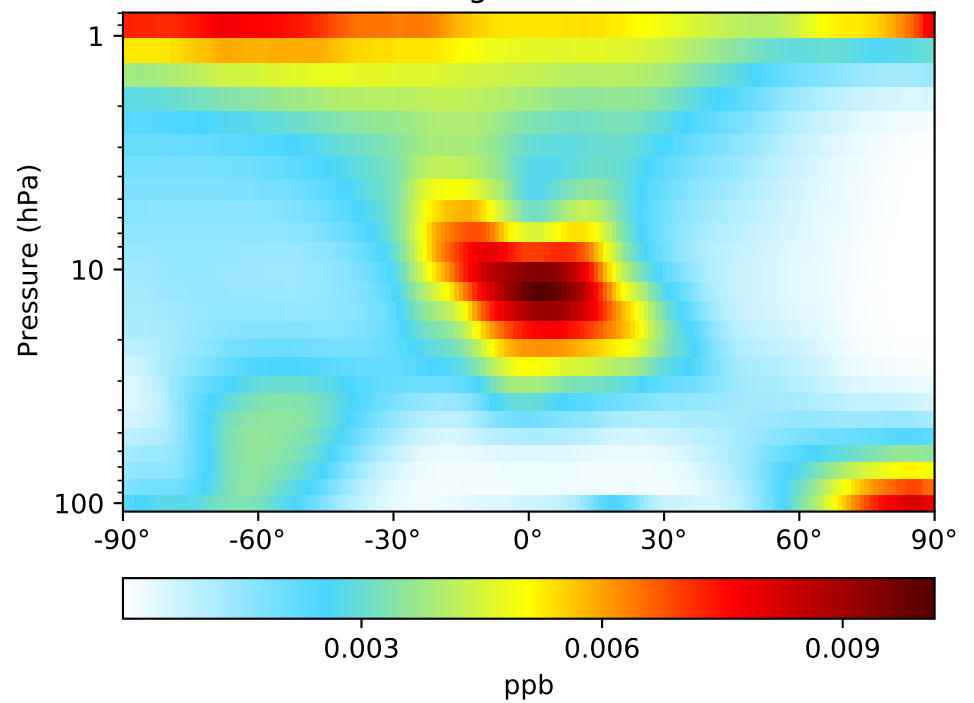


# SpeciesConc\_MP, Zonal Mean (Oct2019)

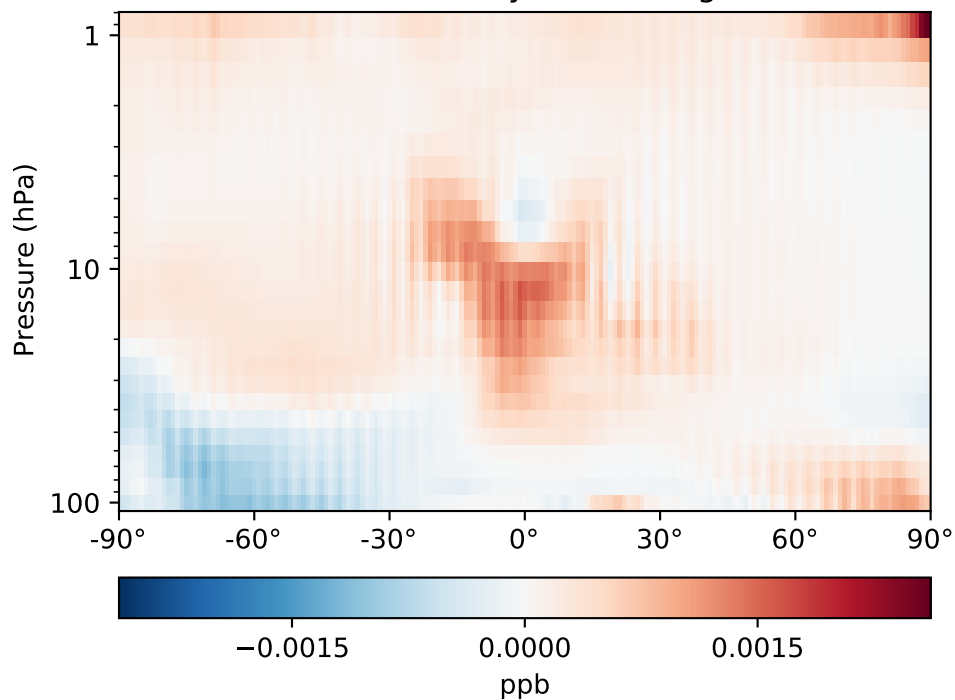
GCC\_13.0.0-rc.0 (Ref)  
4.0x5.0



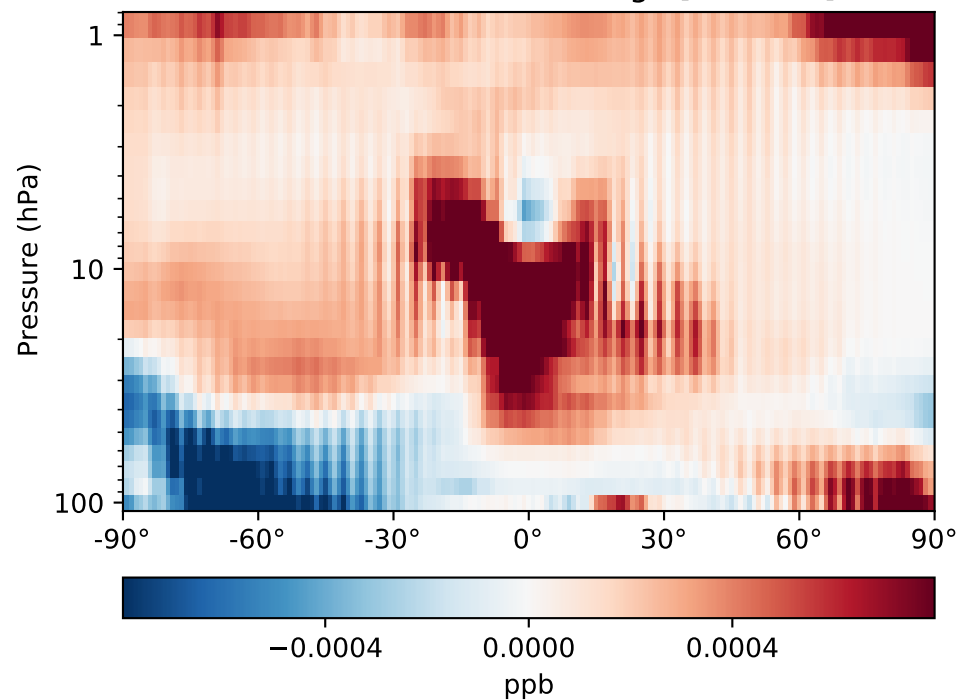
GCHP\_13.0.0-rc.0 (Dev)  
1x1.25 regridged from c48



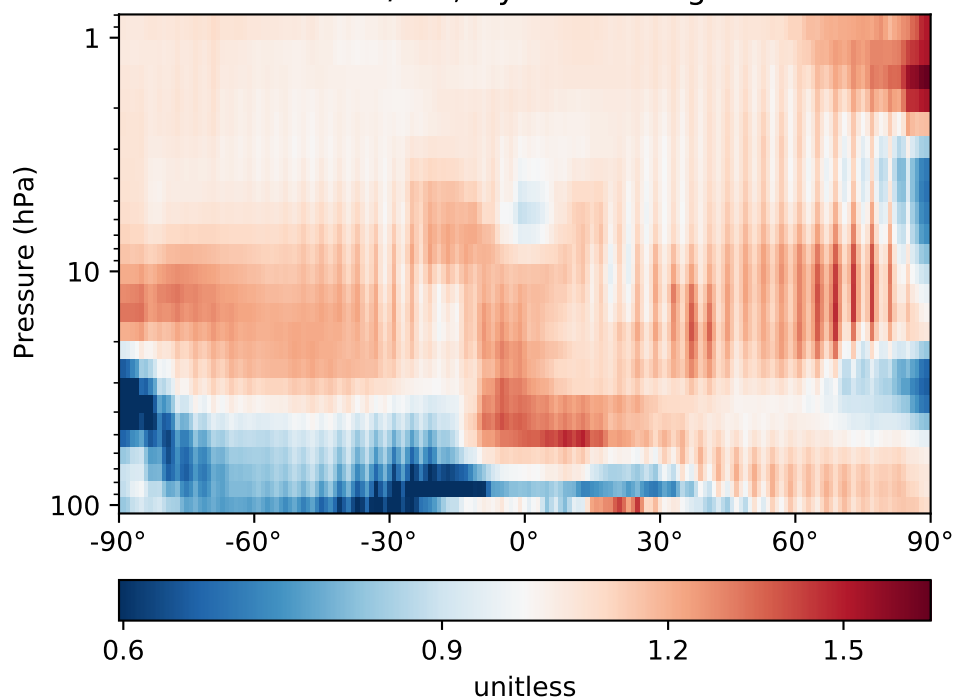
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

