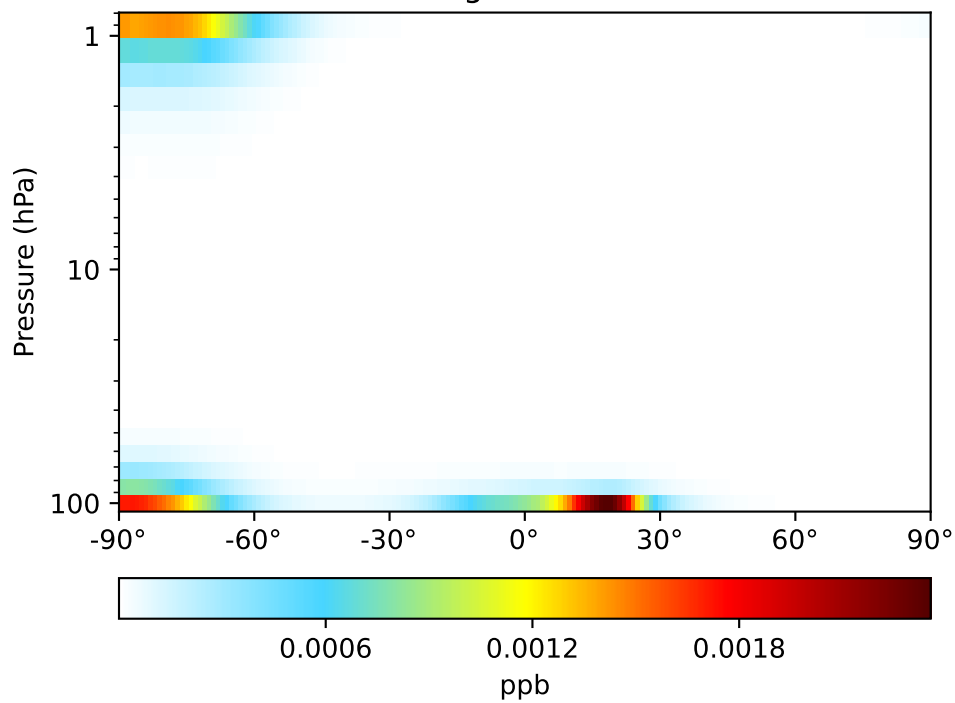
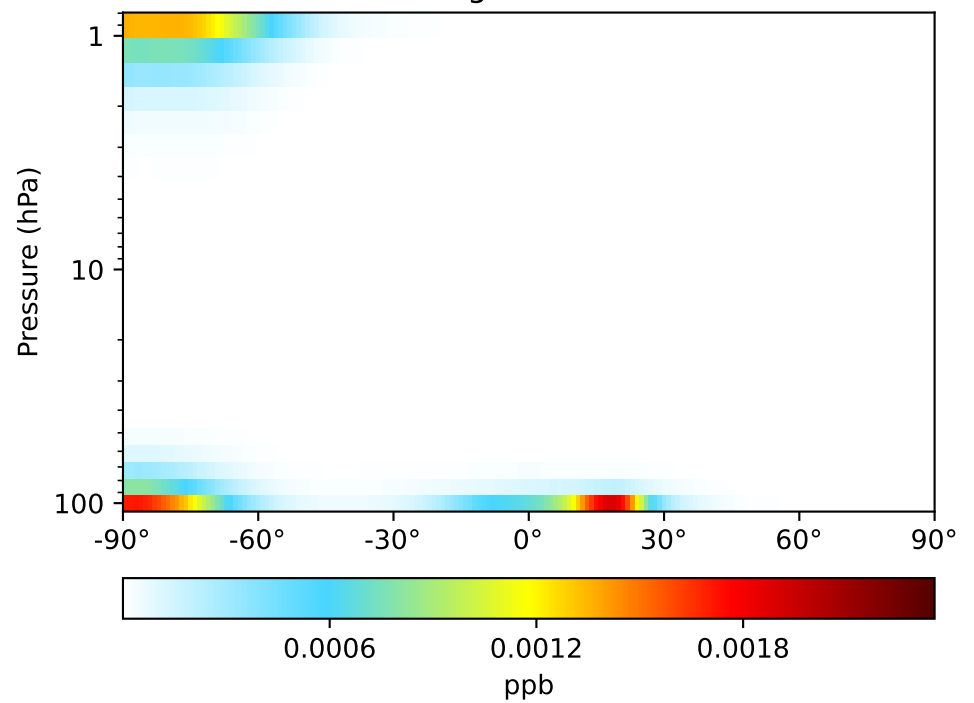


# SpeciesConc\_ACTA, Zonal Mean

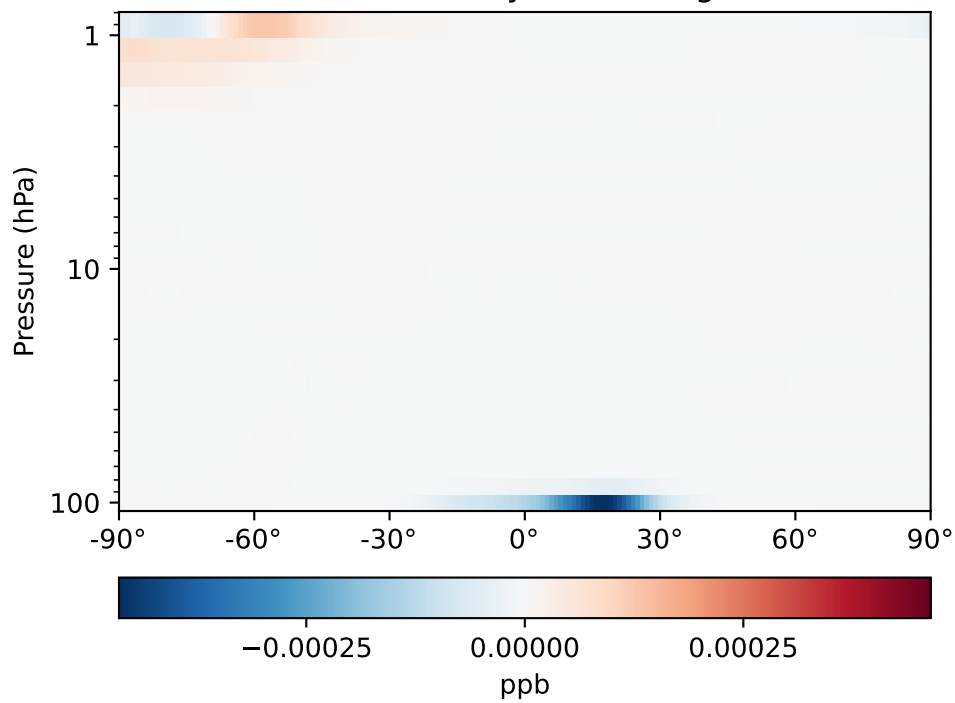
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



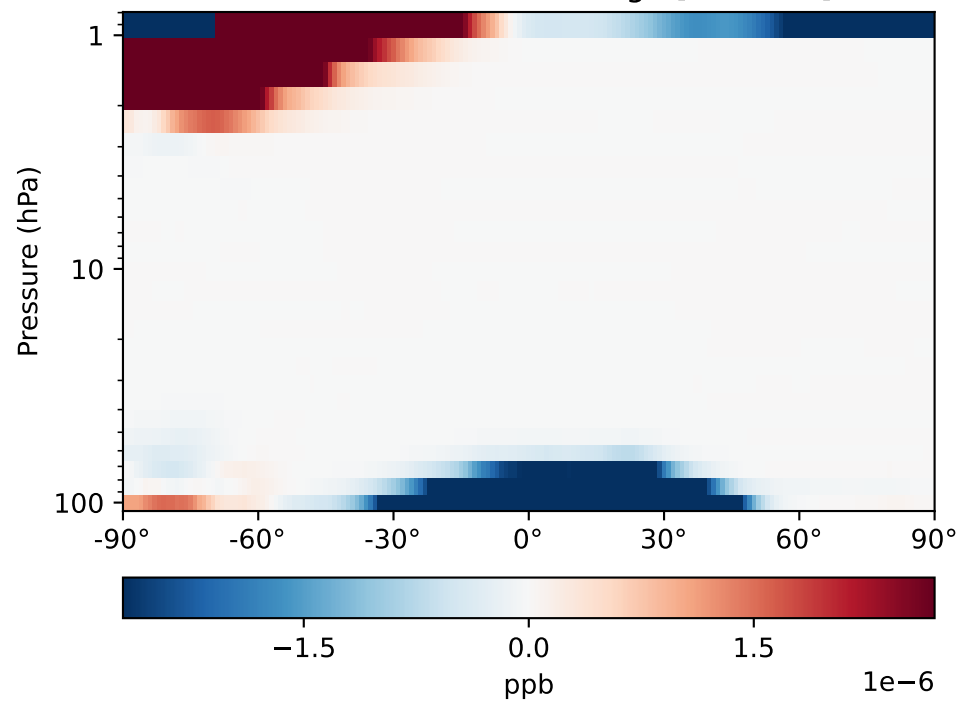
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



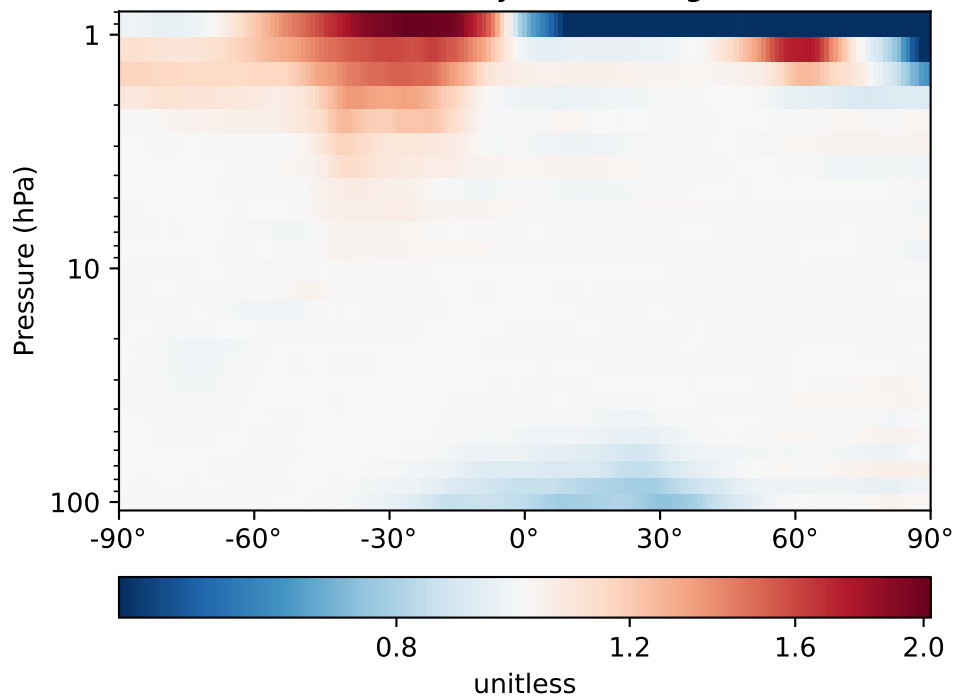
Difference (1x1.25)  
Dev - Ref, Dynamic Range



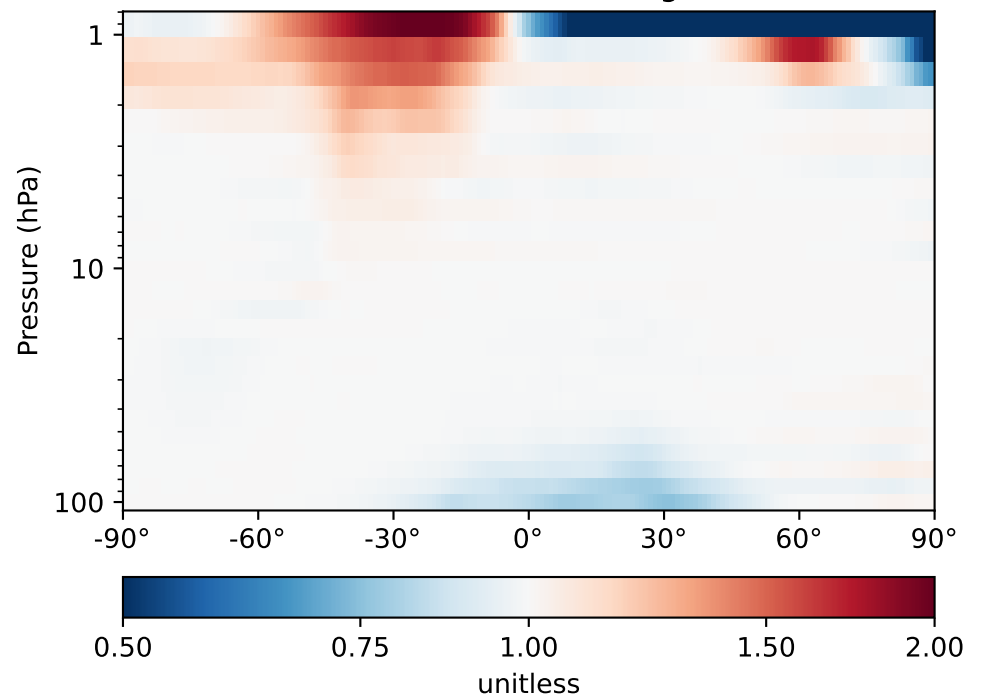
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

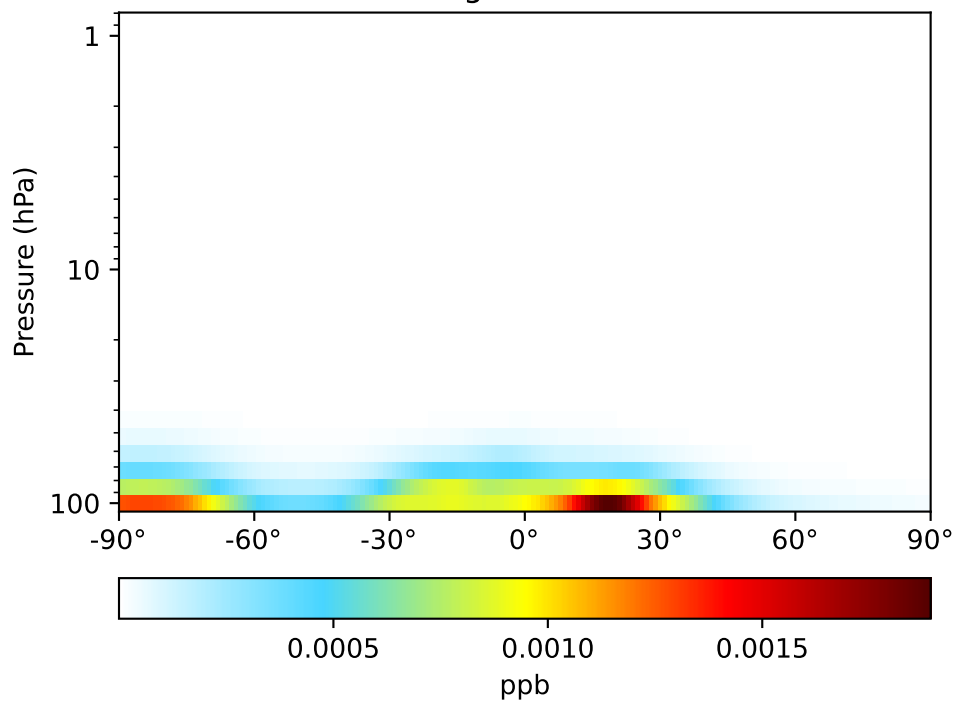


Ratio (1x1.25)  
Dev/Ref, Fixed Range

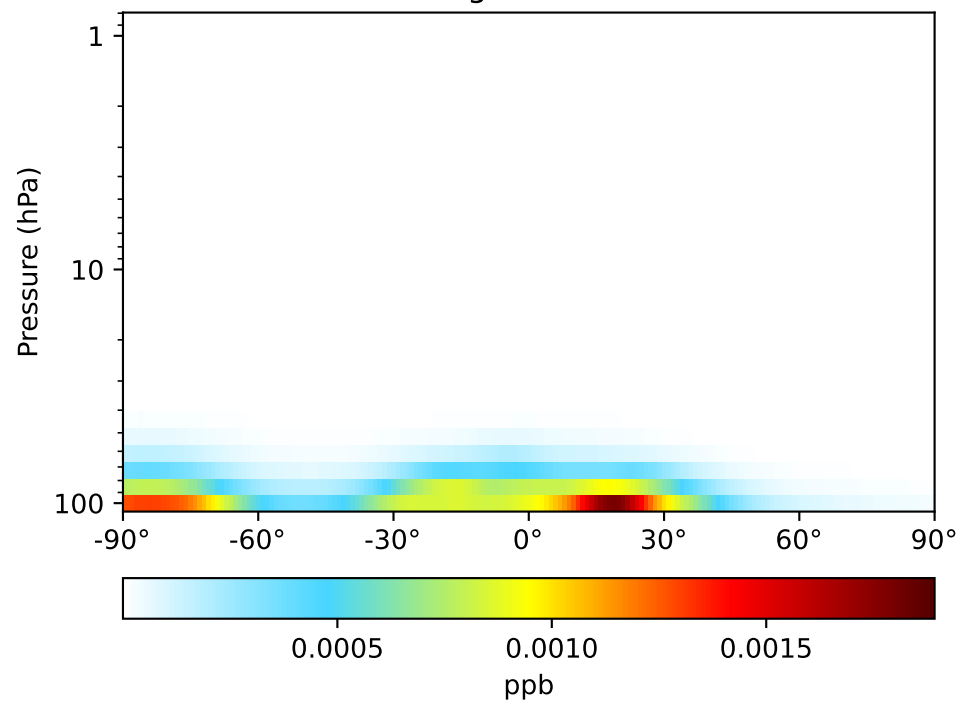


# SpeciesConc\_ALD2, Zonal Mean

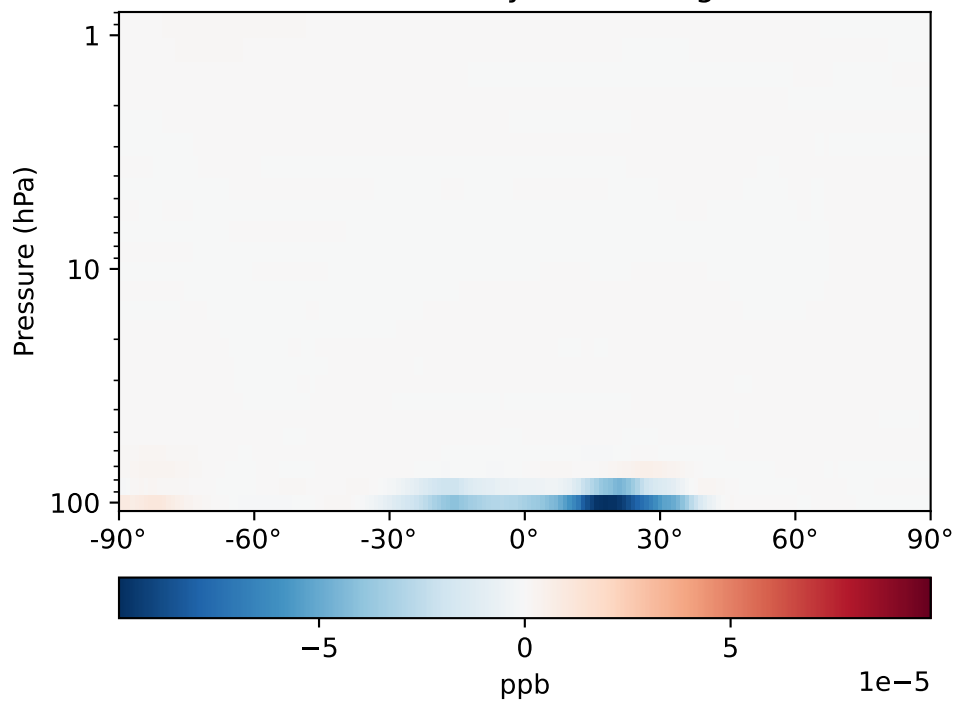
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



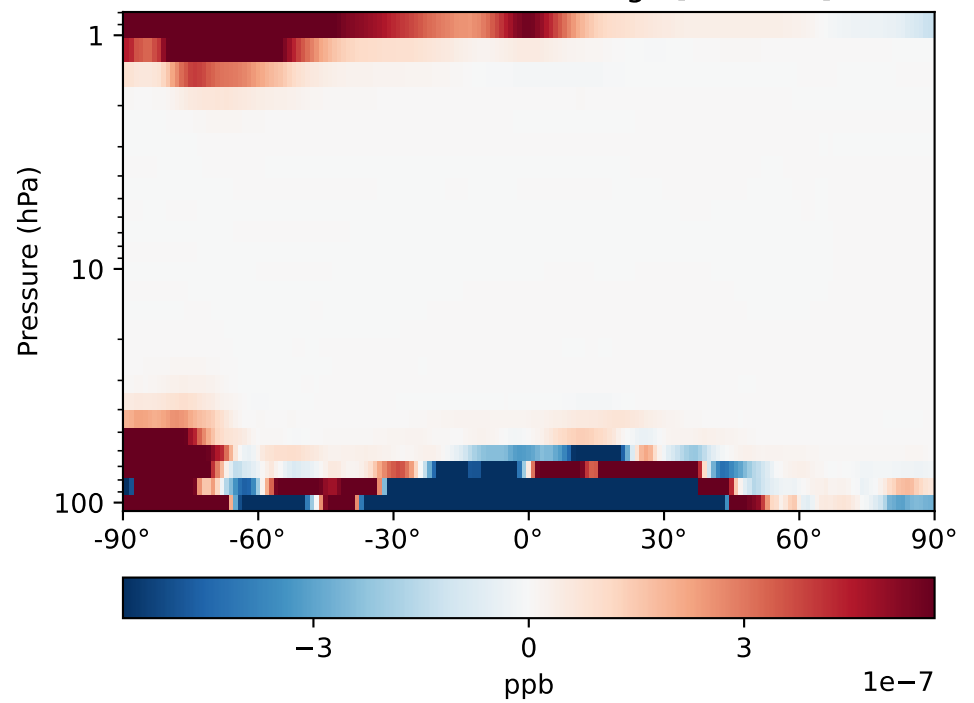
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



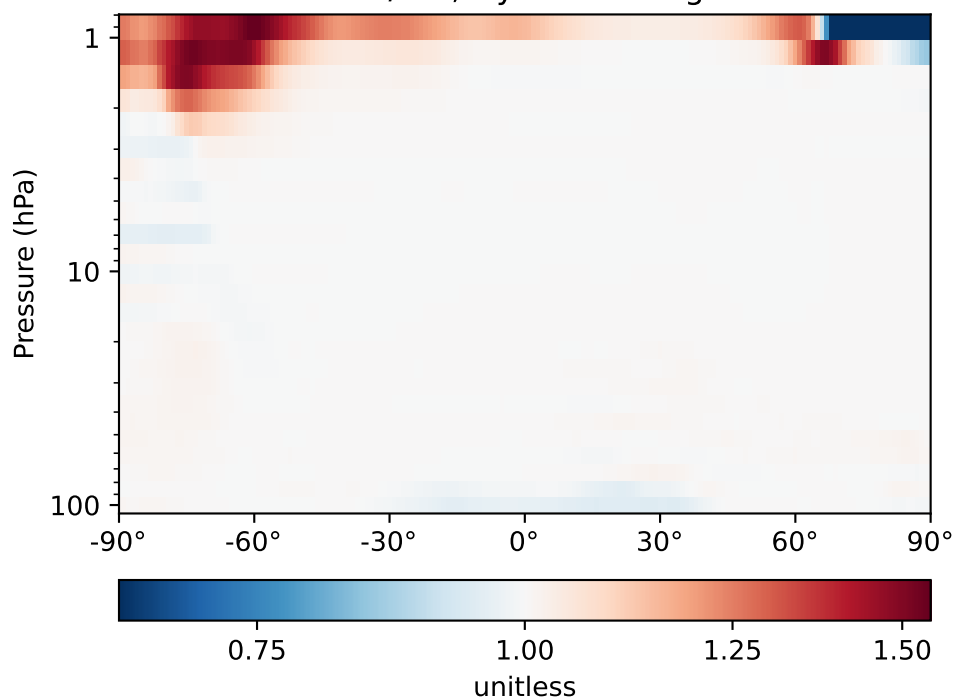
Difference (1x1.25)  
Dev - Ref, Dynamic Range



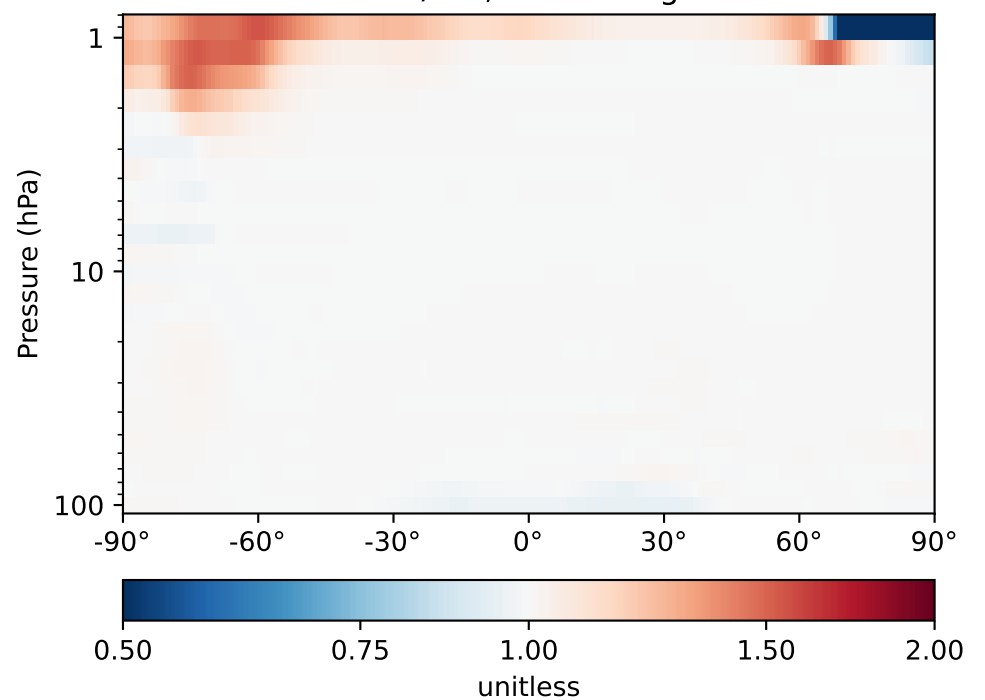
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

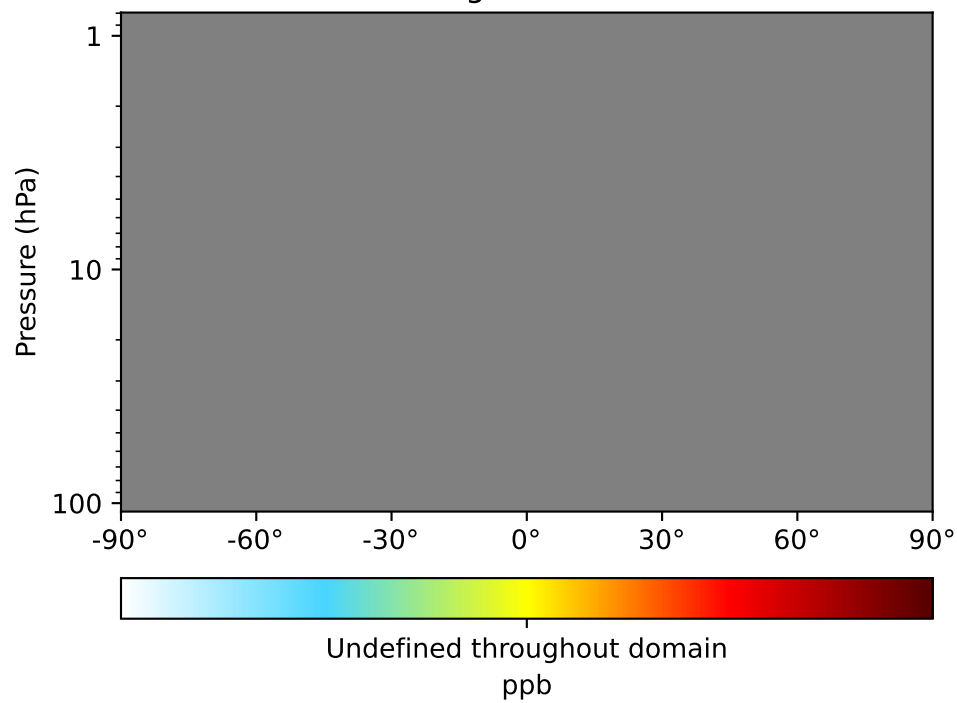


Ratio (1x1.25)  
Dev/Ref, Fixed Range

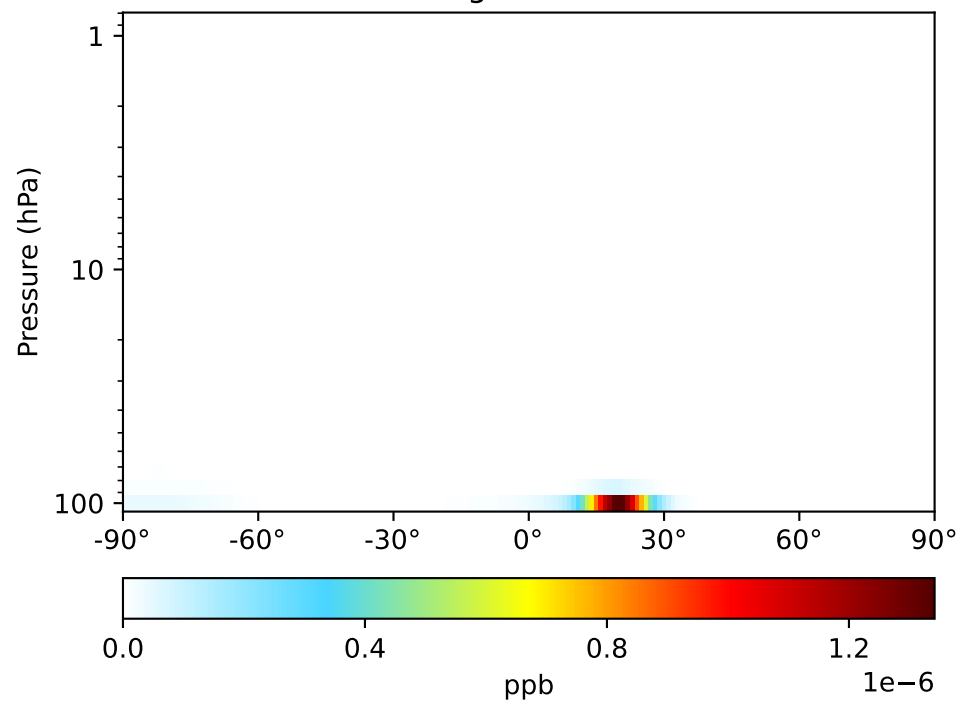


# SpeciesConc\_BALD, Zonal Mean

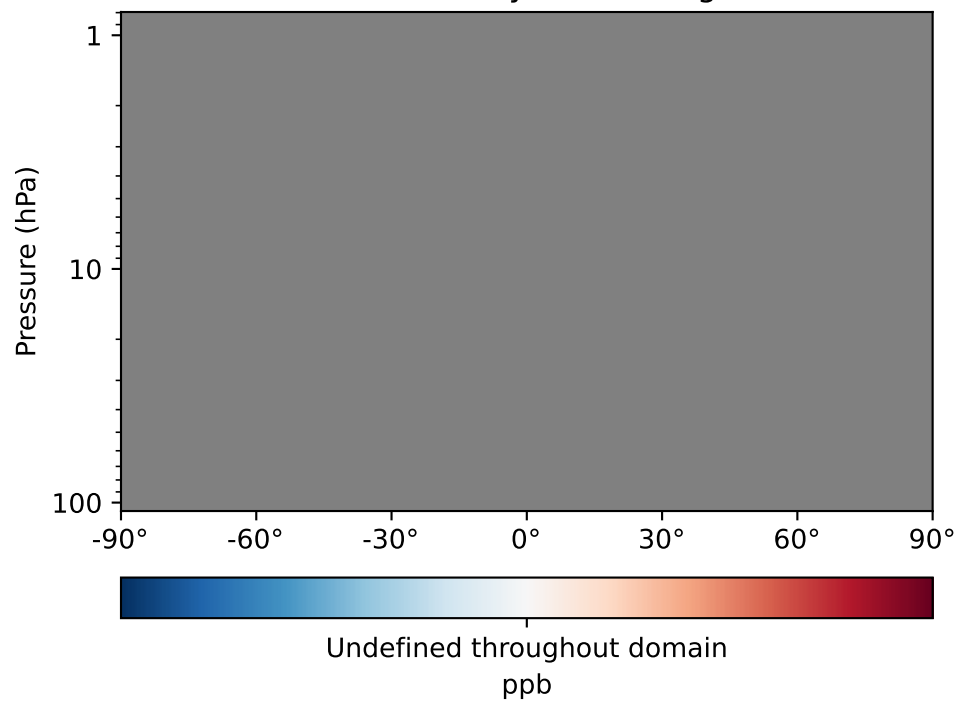
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



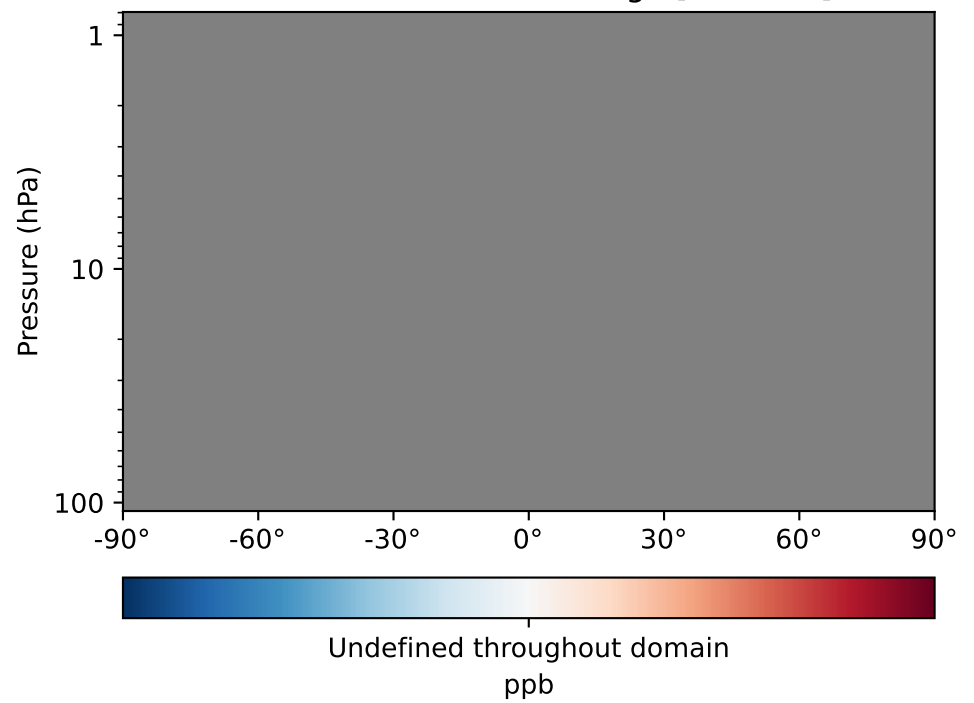
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



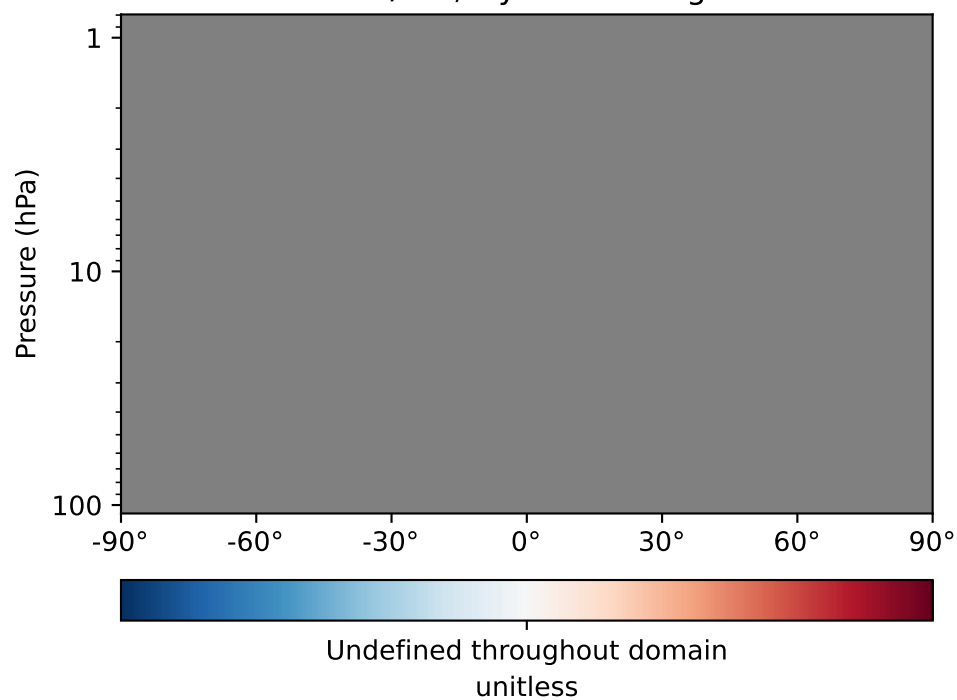
Difference (1x1.25)  
Dev - Ref, Dynamic Range



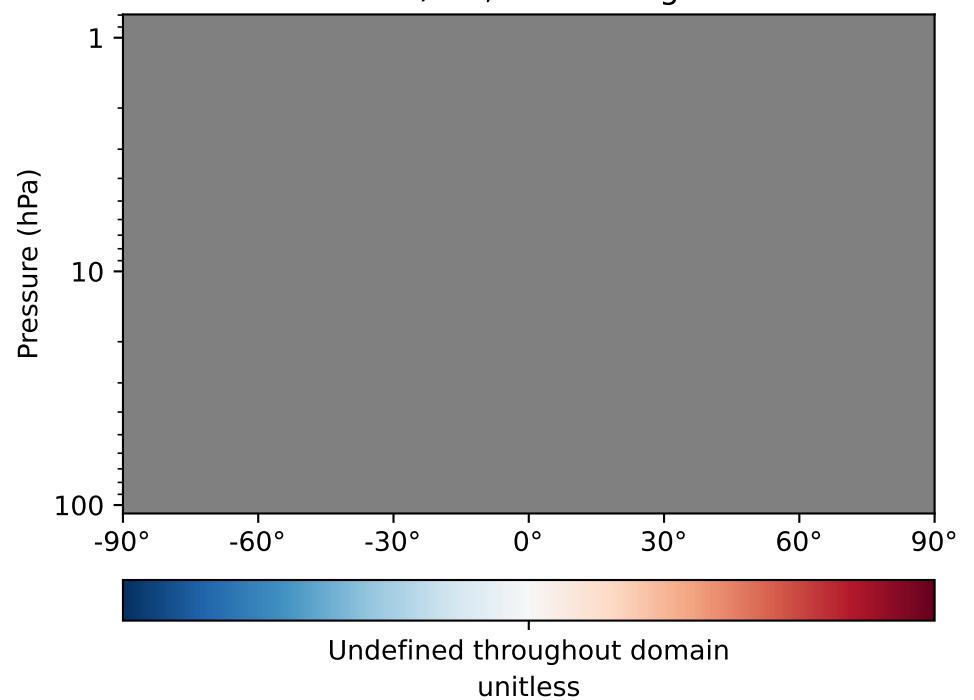
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

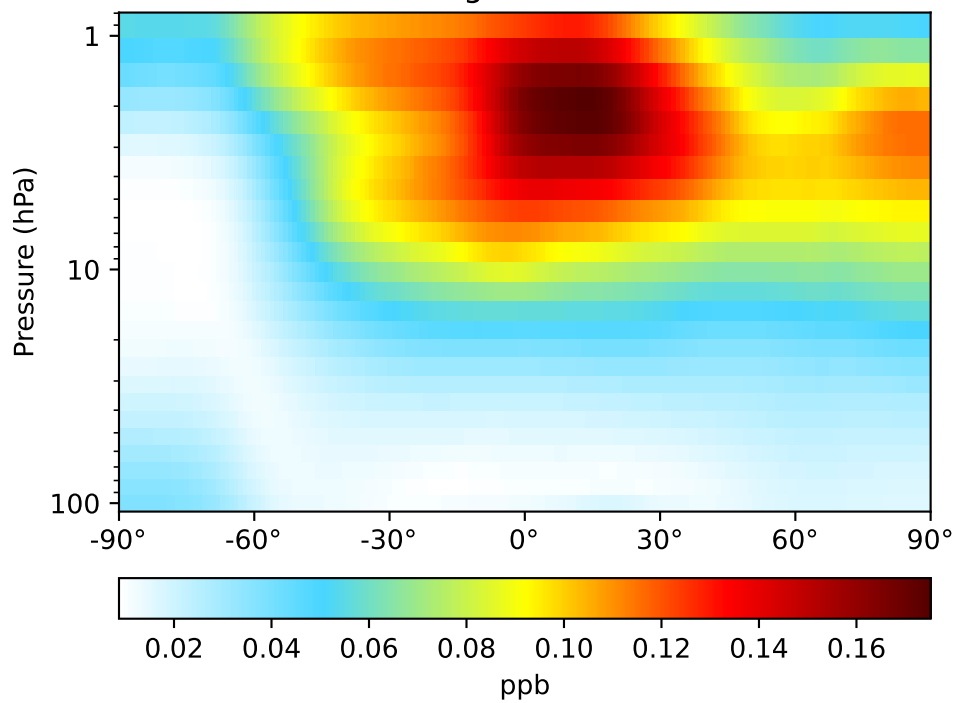


Ratio (1x1.25)  
Dev/Ref, Fixed Range

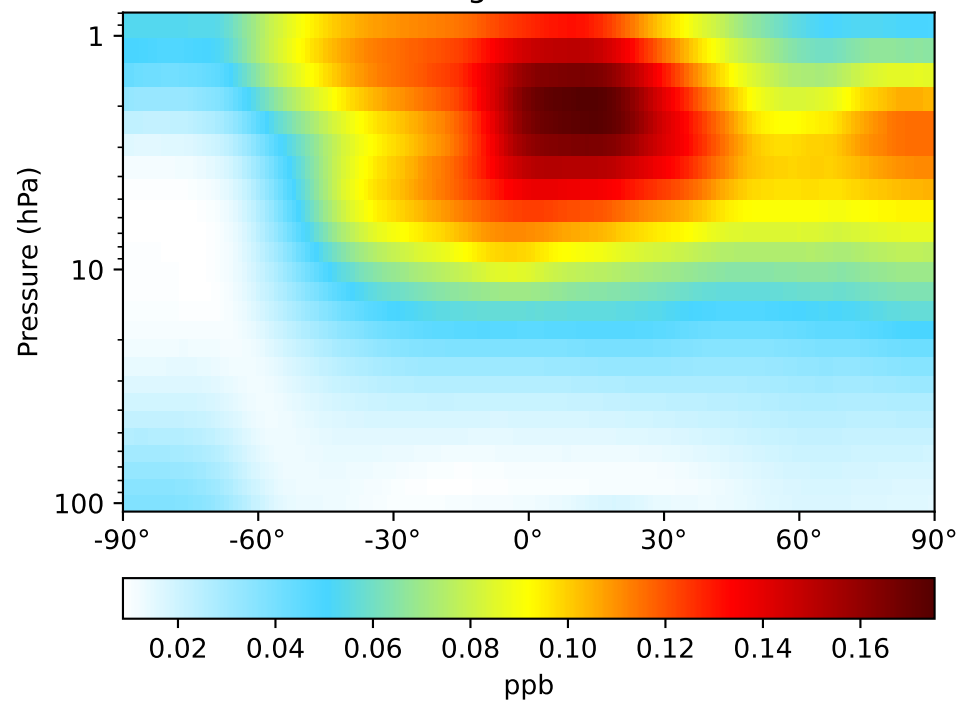


# SpeciesConc\_CH2O, Zonal Mean

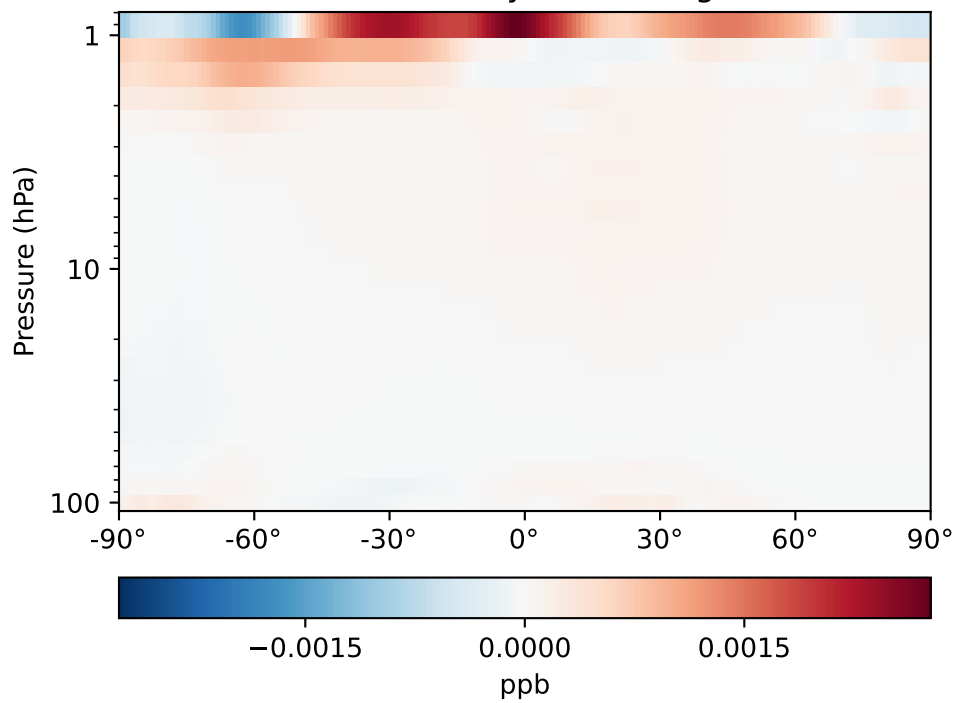
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



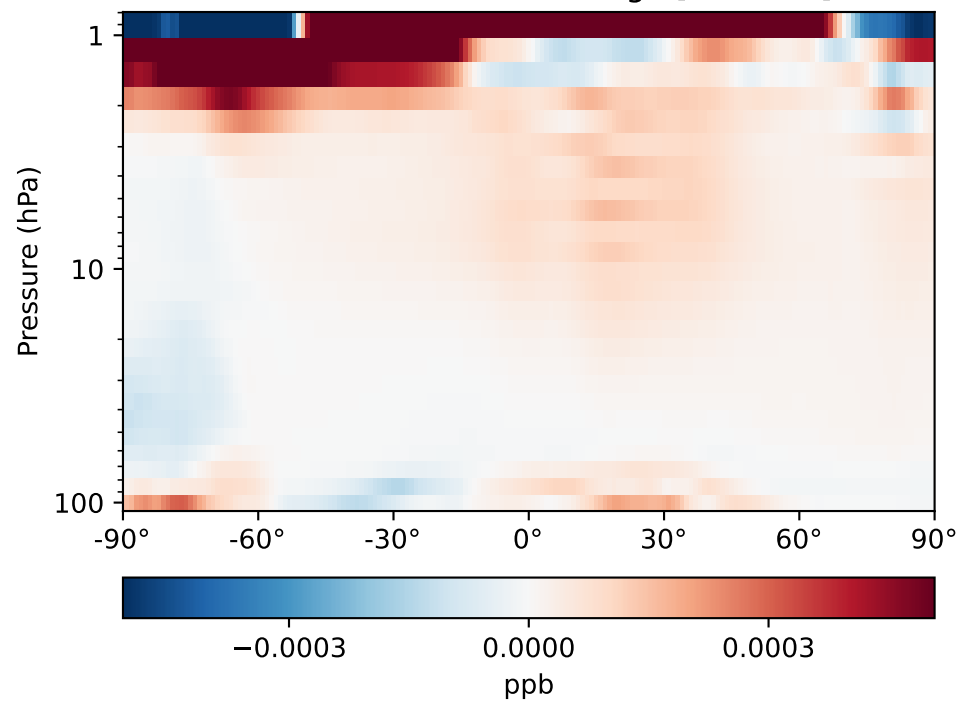
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



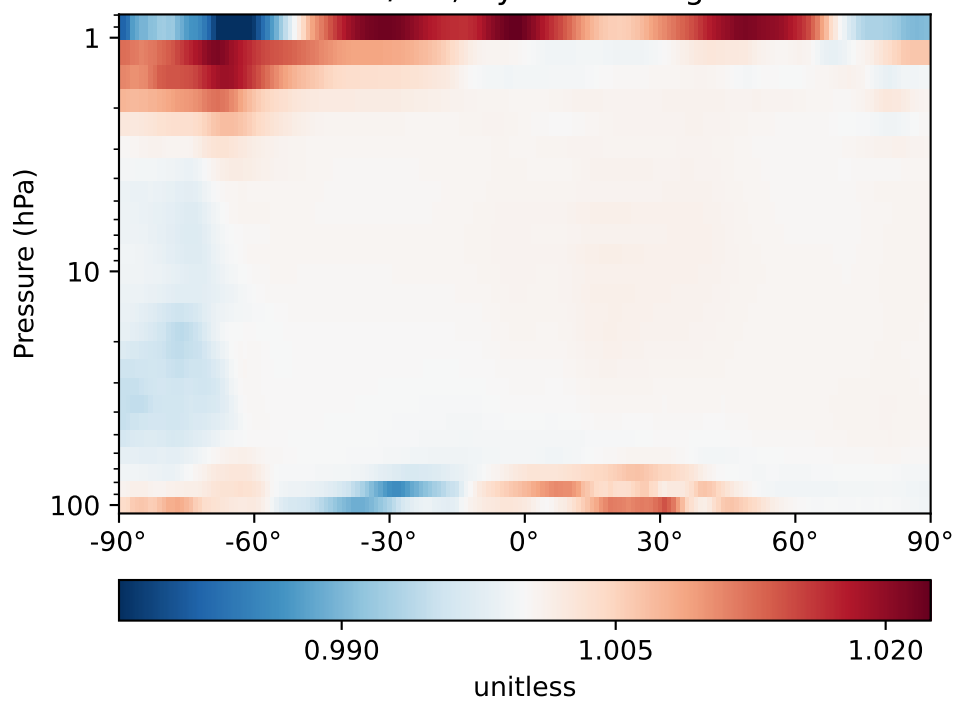
Difference (1x1.25)  
Dev - Ref, Dynamic Range



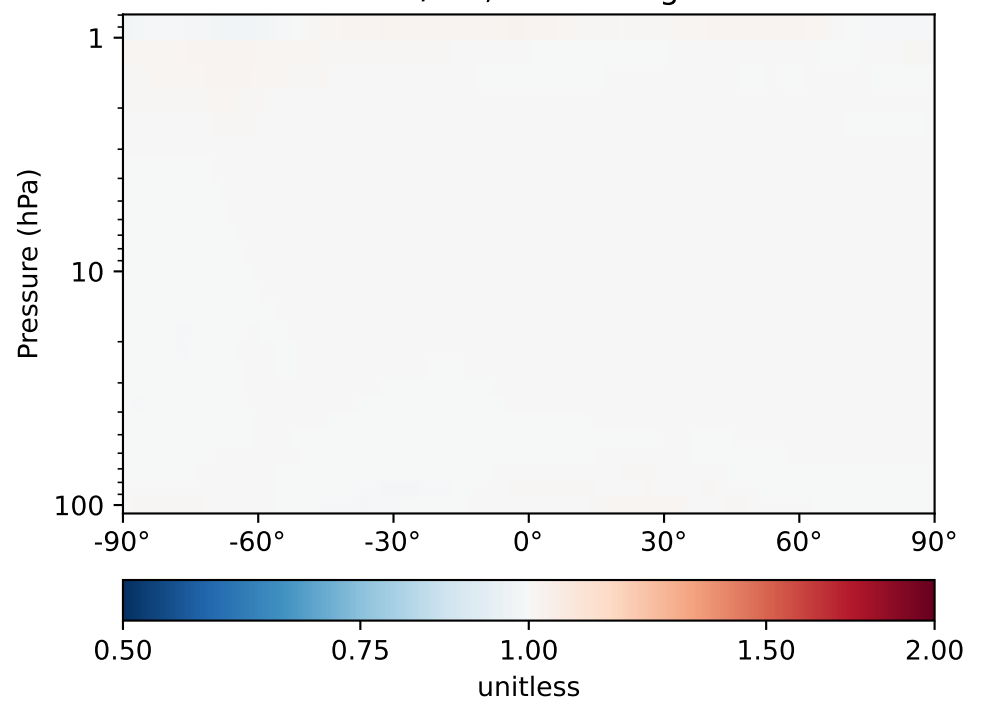
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

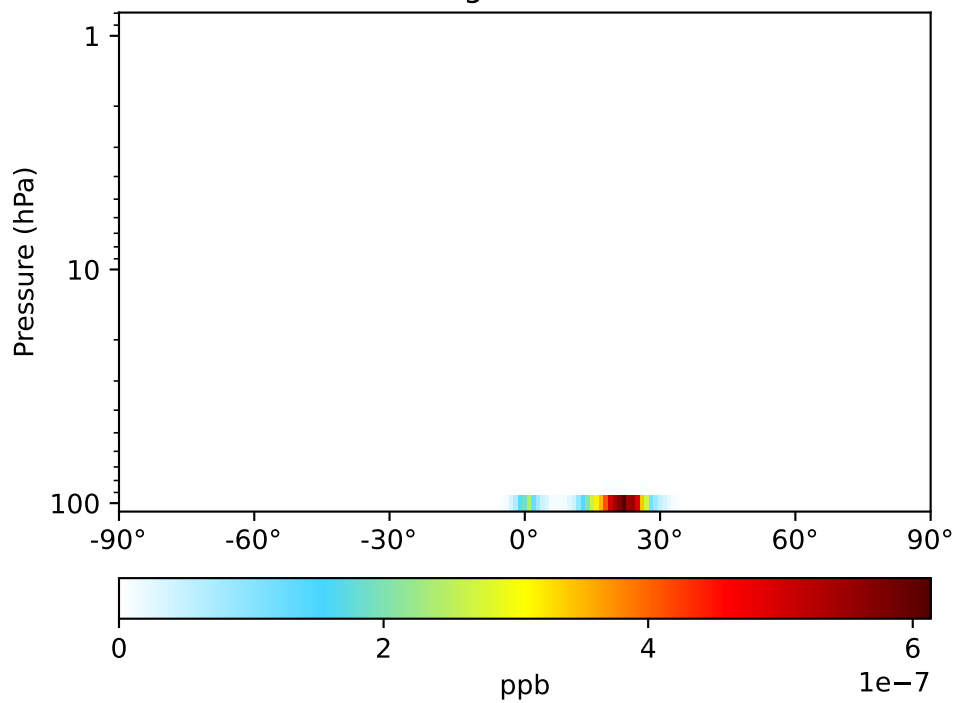


Ratio (1x1.25)  
Dev/Ref, Fixed Range

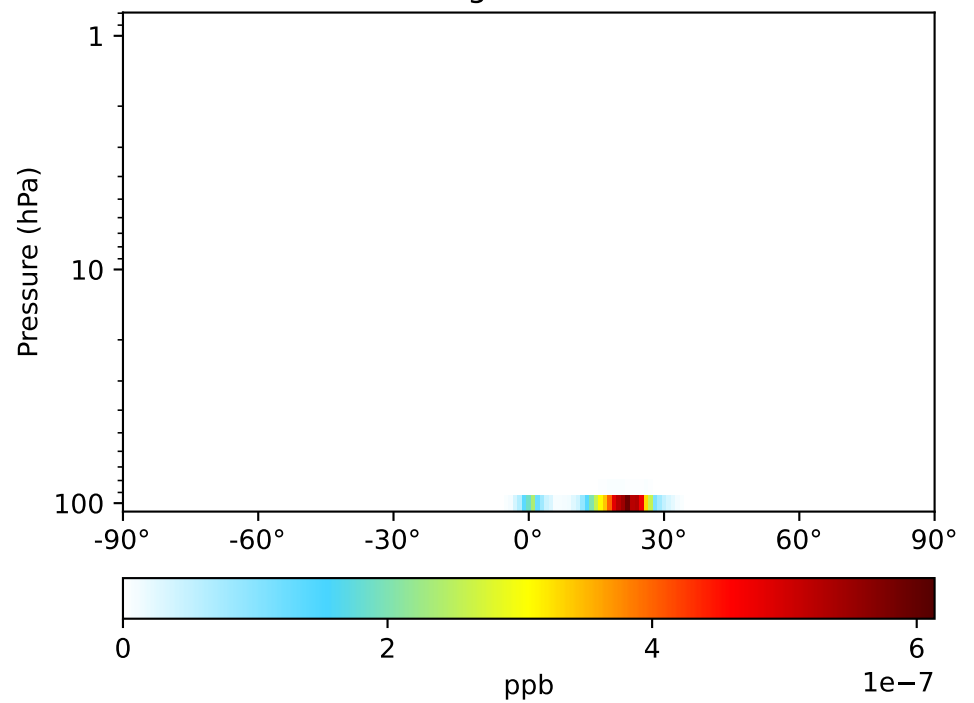


# SpeciesConc\_HPALDs, Zonal Mean

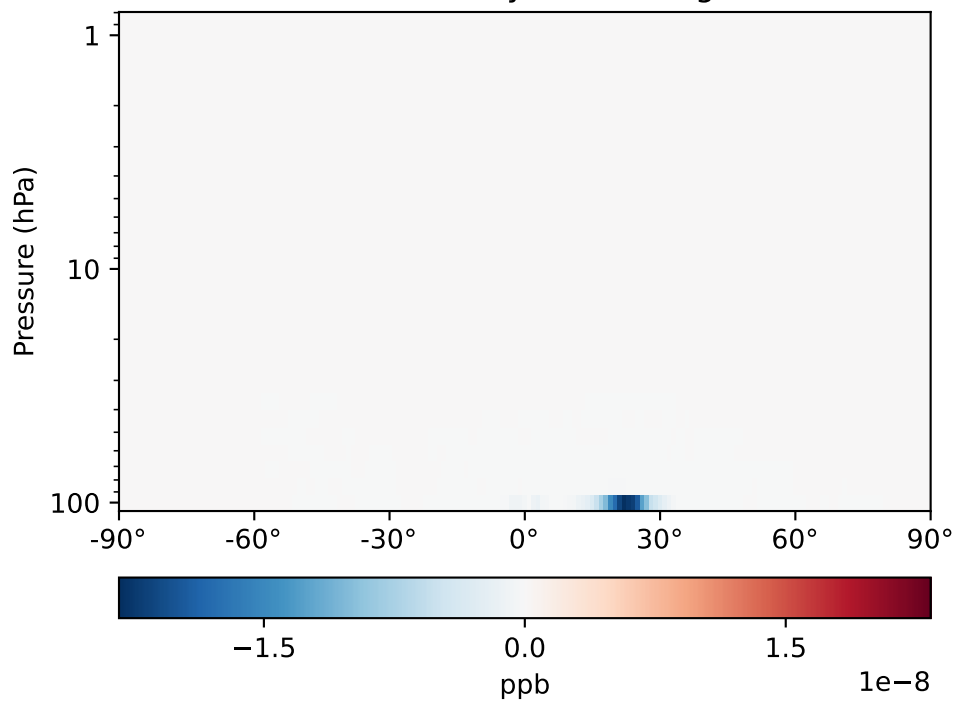
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



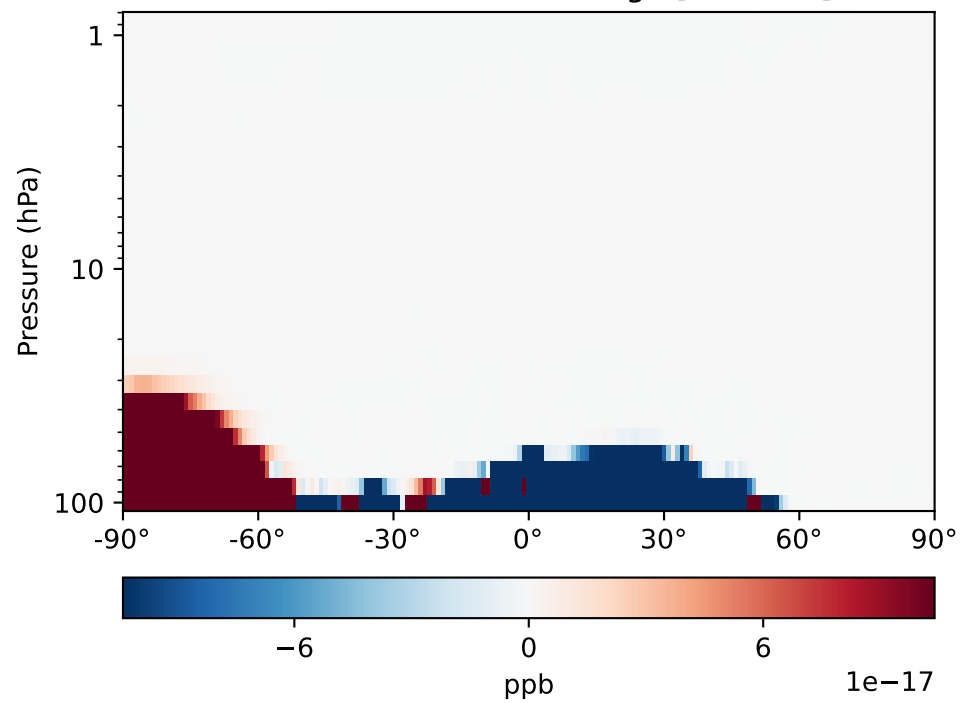
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



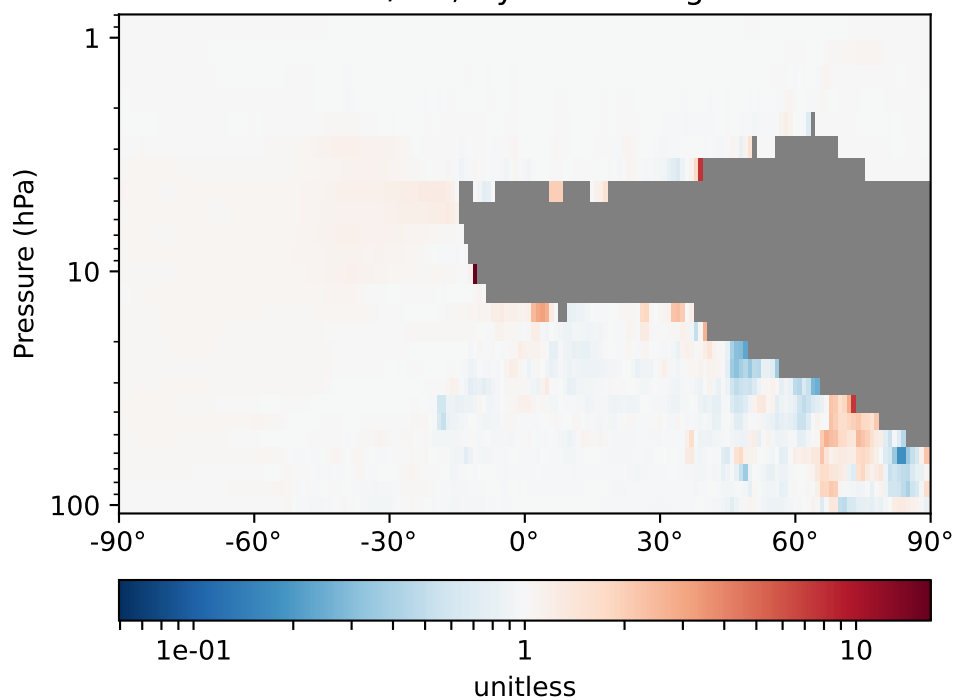
Difference (1x1.25)  
Dev - Ref, Dynamic Range



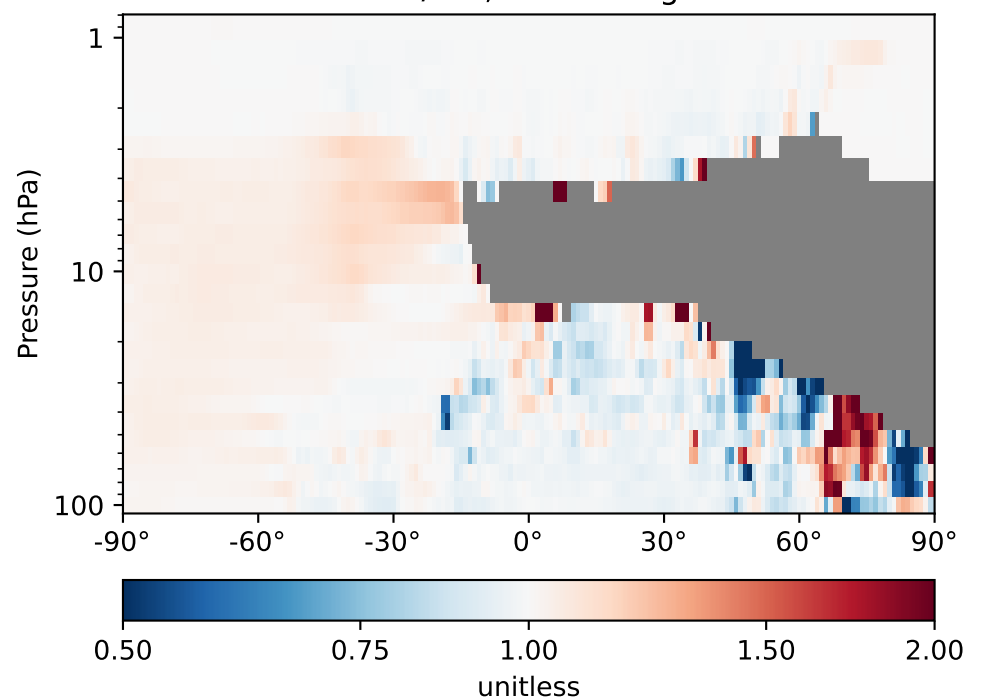
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

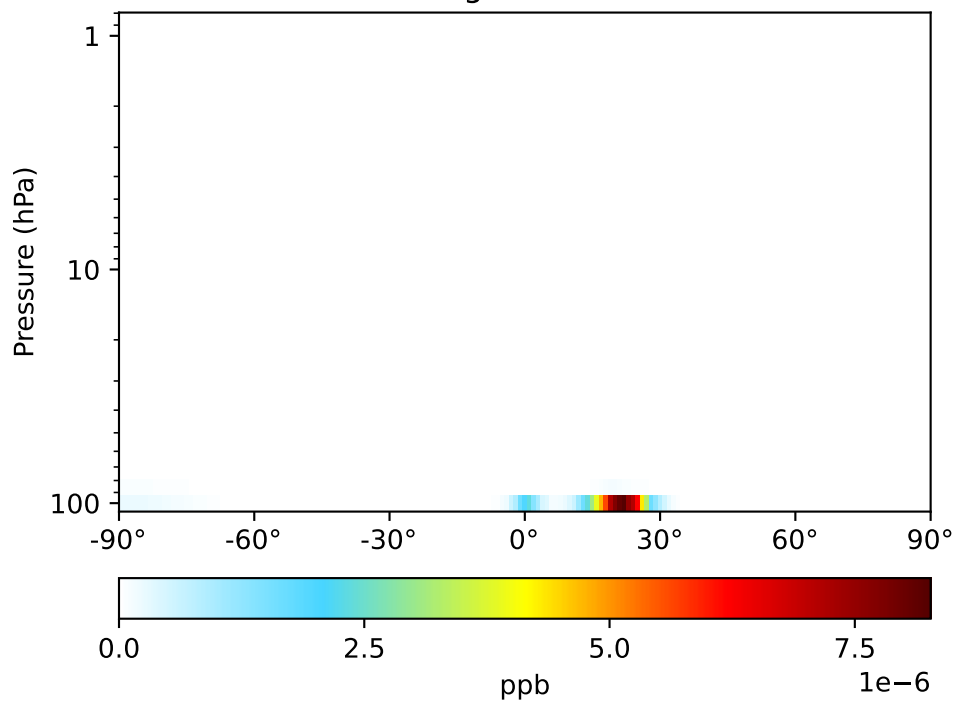


Ratio (1x1.25)  
Dev/Ref, Fixed Range

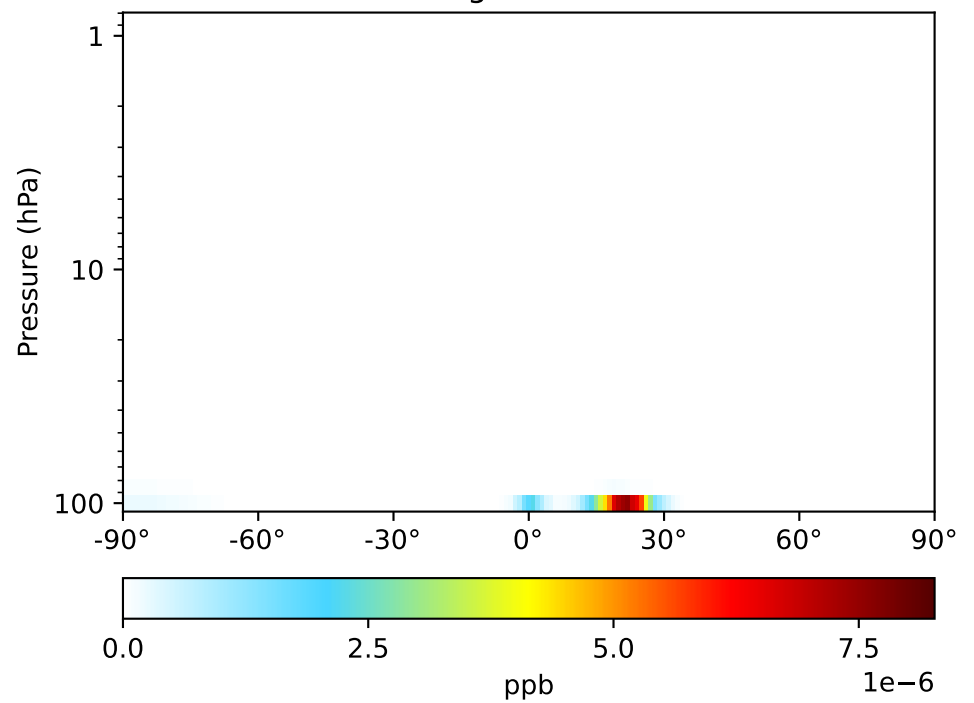


# SpeciesConc\_MACR, Zonal Mean

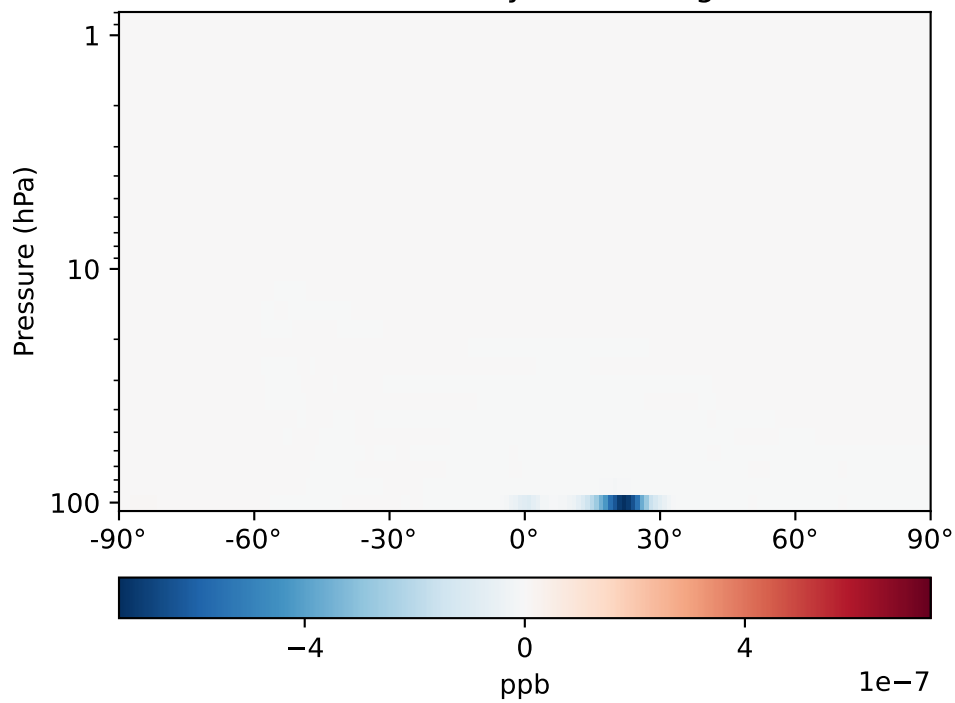
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



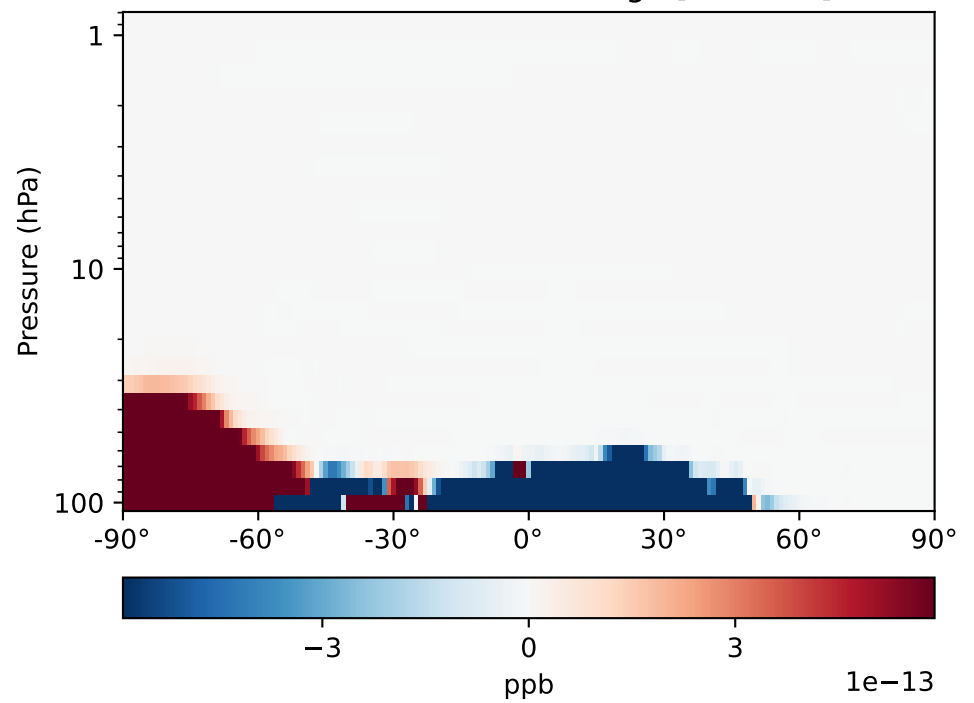
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



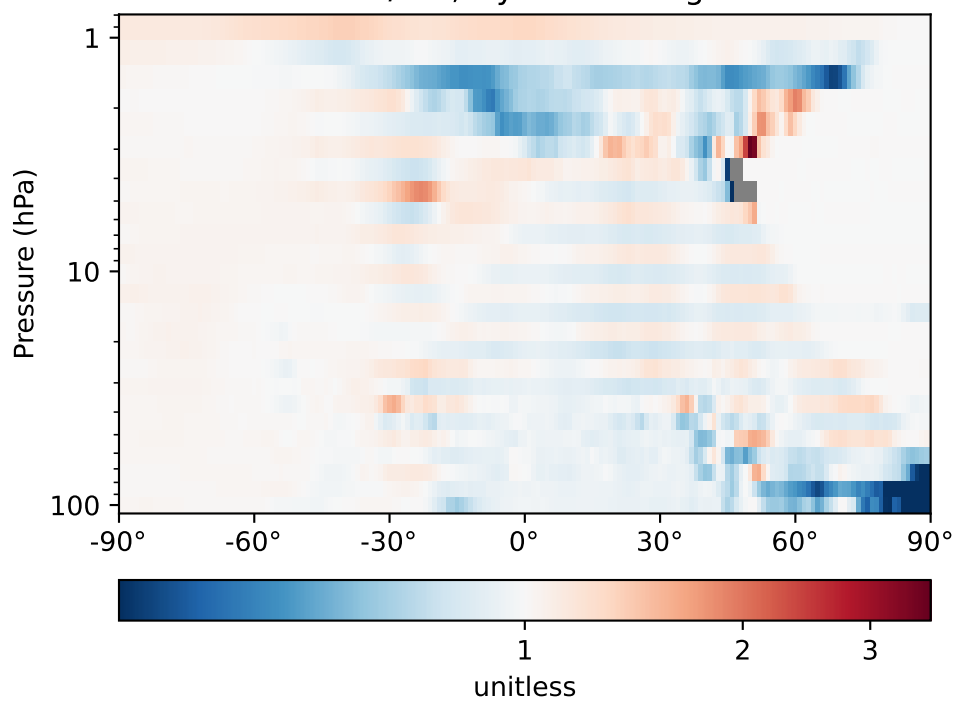
Difference (1x1.25)  
Dev - Ref, Dynamic Range



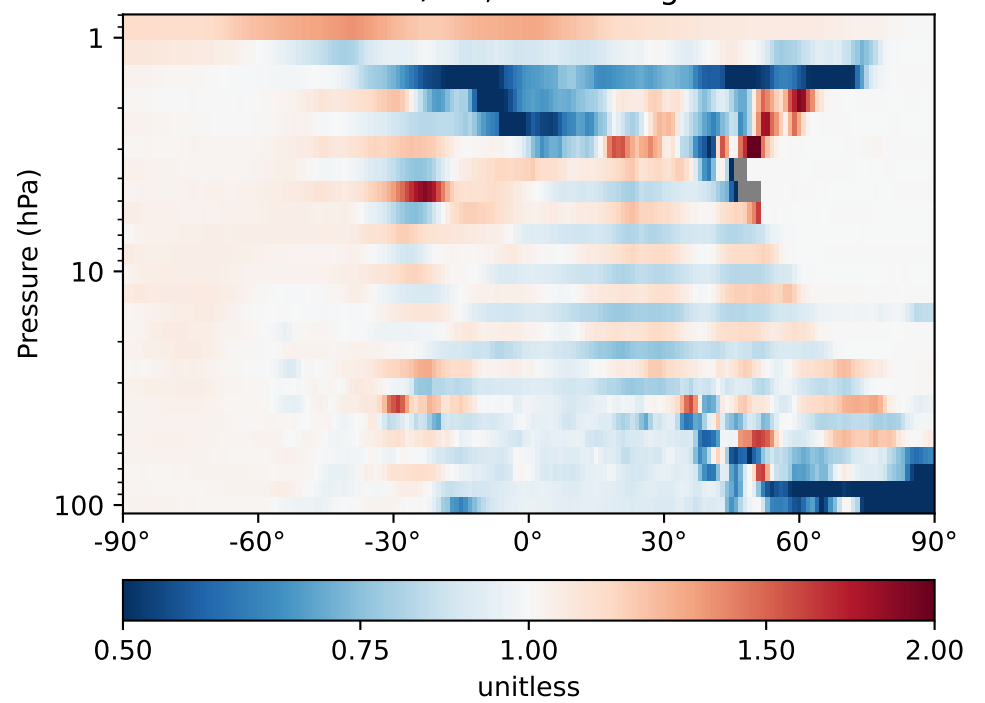
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

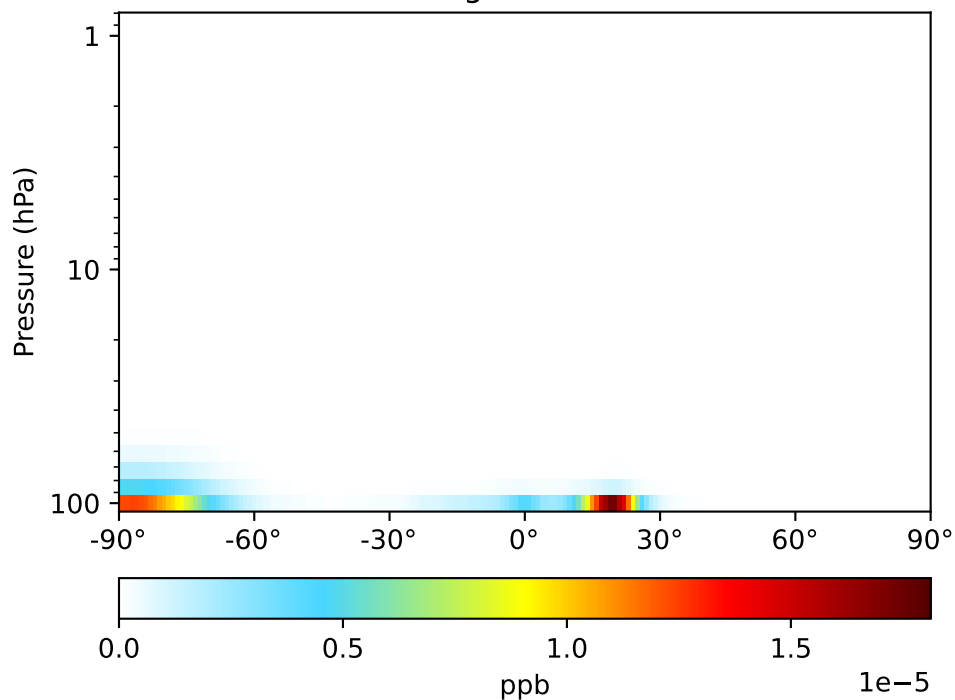


Ratio (1x1.25)  
Dev/Ref, Fixed Range

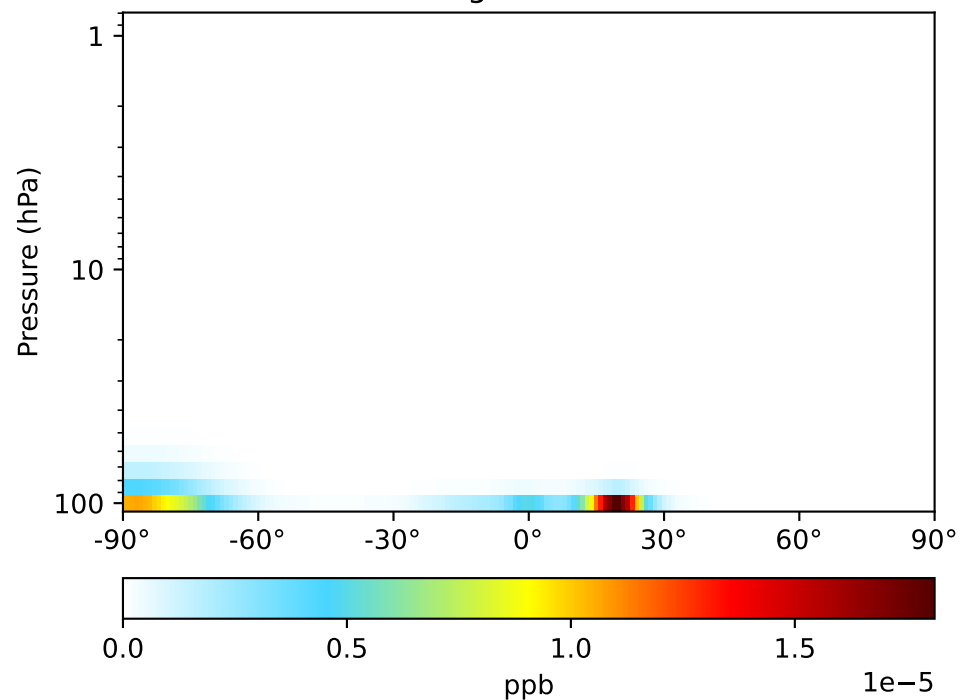


# SpeciesConc\_IEPOX, Zonal Mean

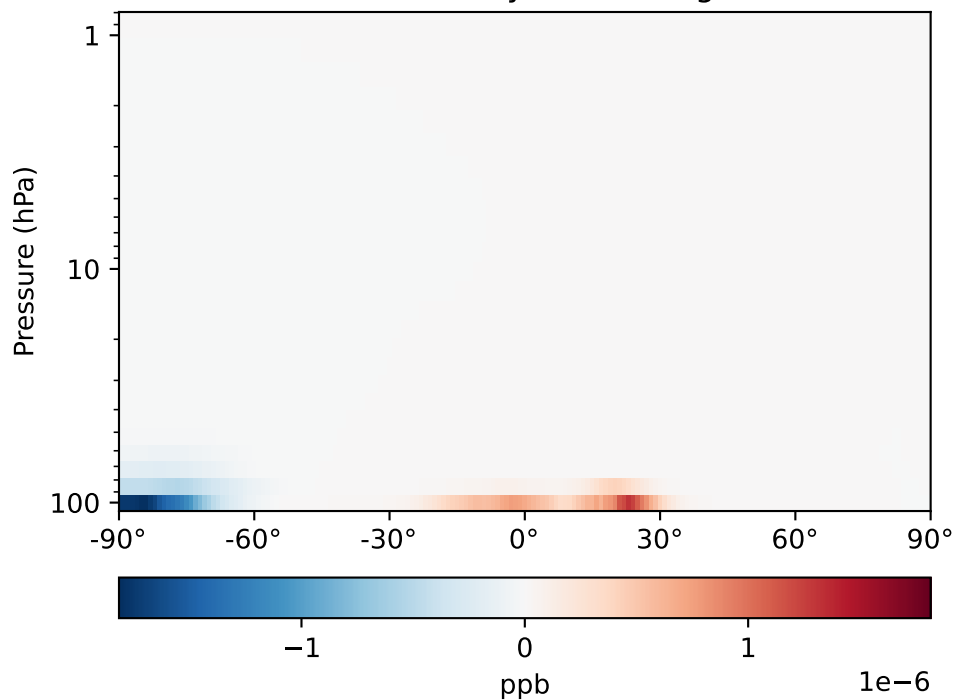
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



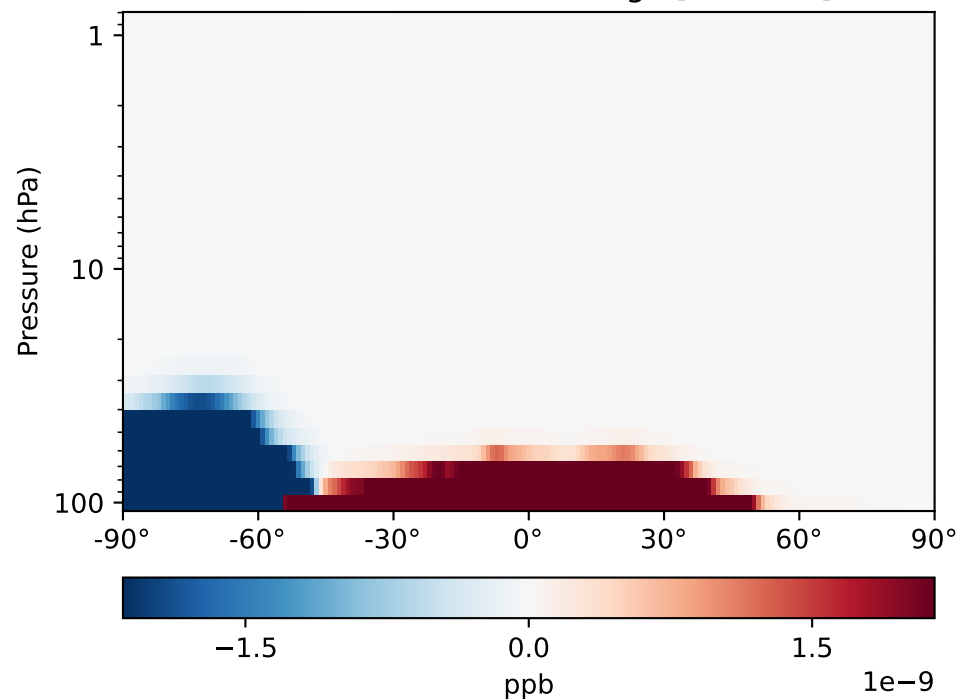
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



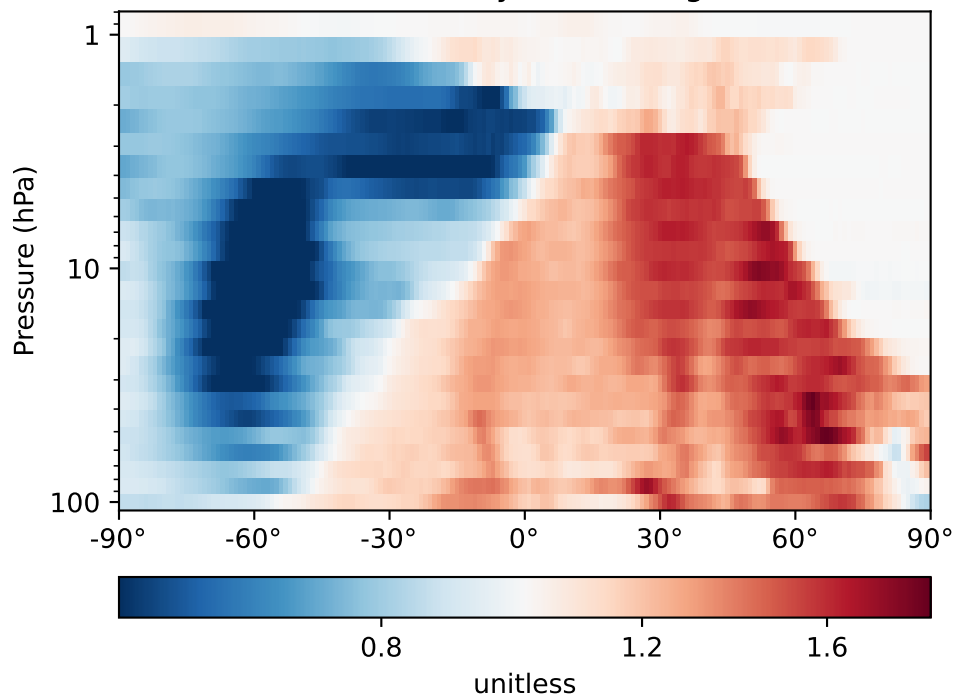
Difference (1x1.25)  
Dev - Ref, Dynamic Range



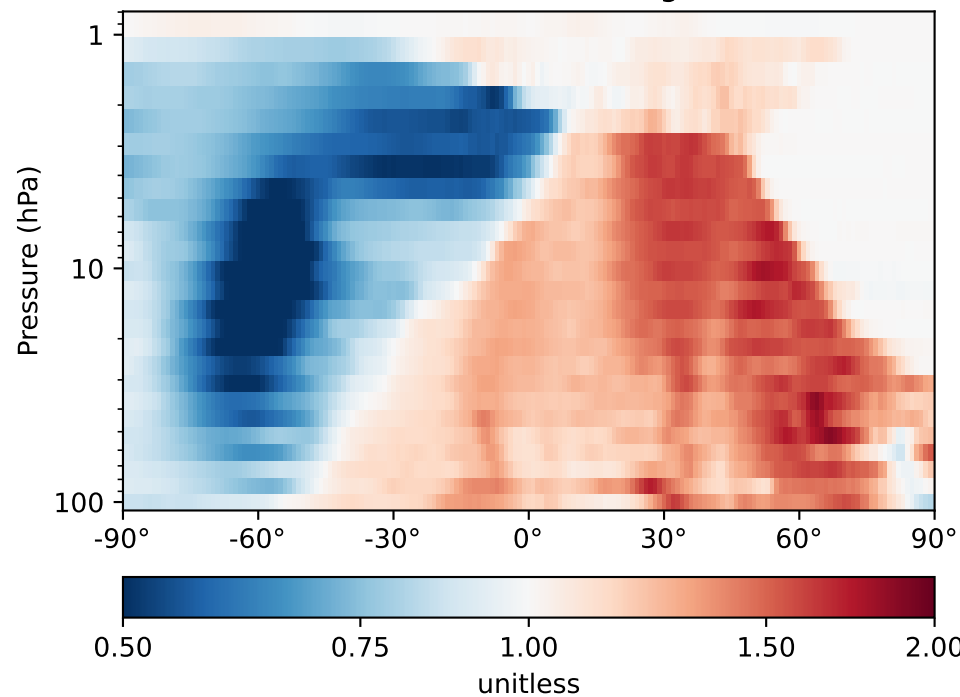
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

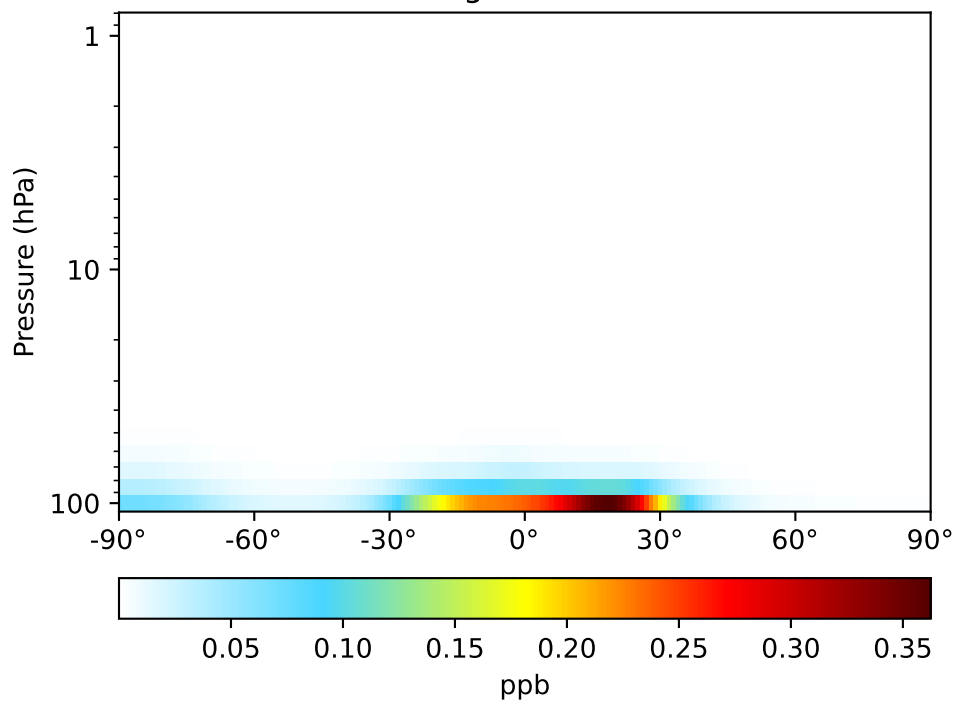


Ratio (1x1.25)  
Dev/Ref, Fixed Range

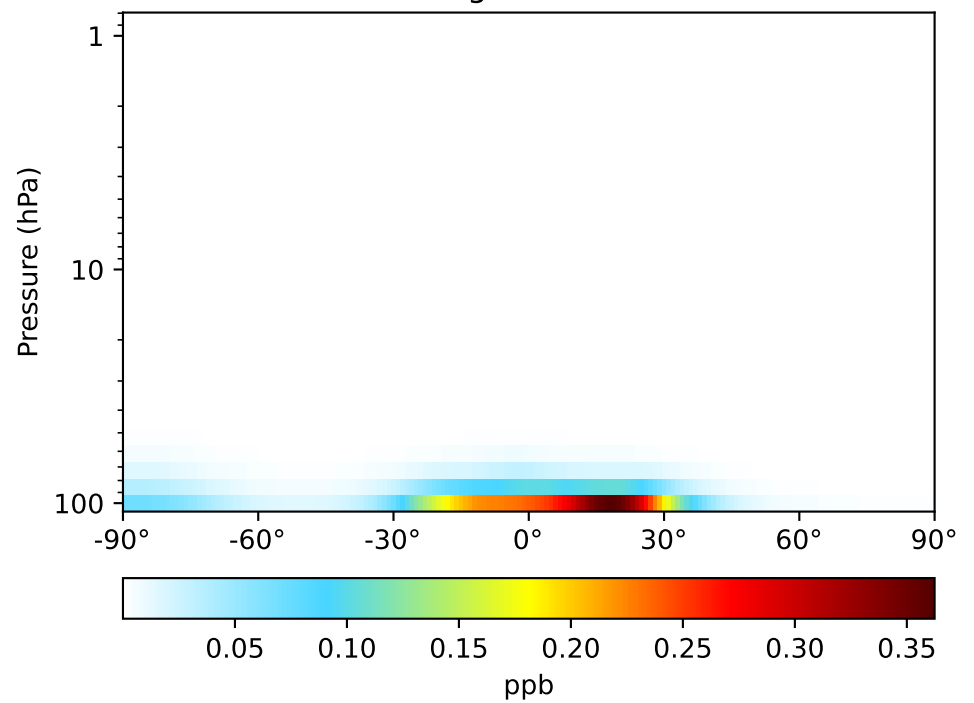


# SpeciesConc\_ACET, Zonal Mean

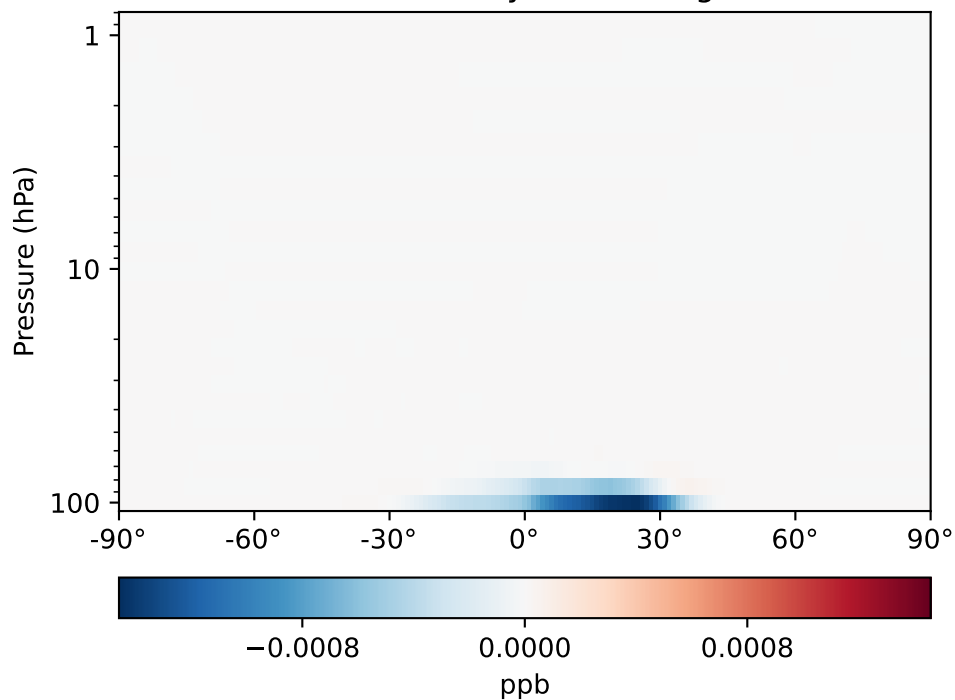
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



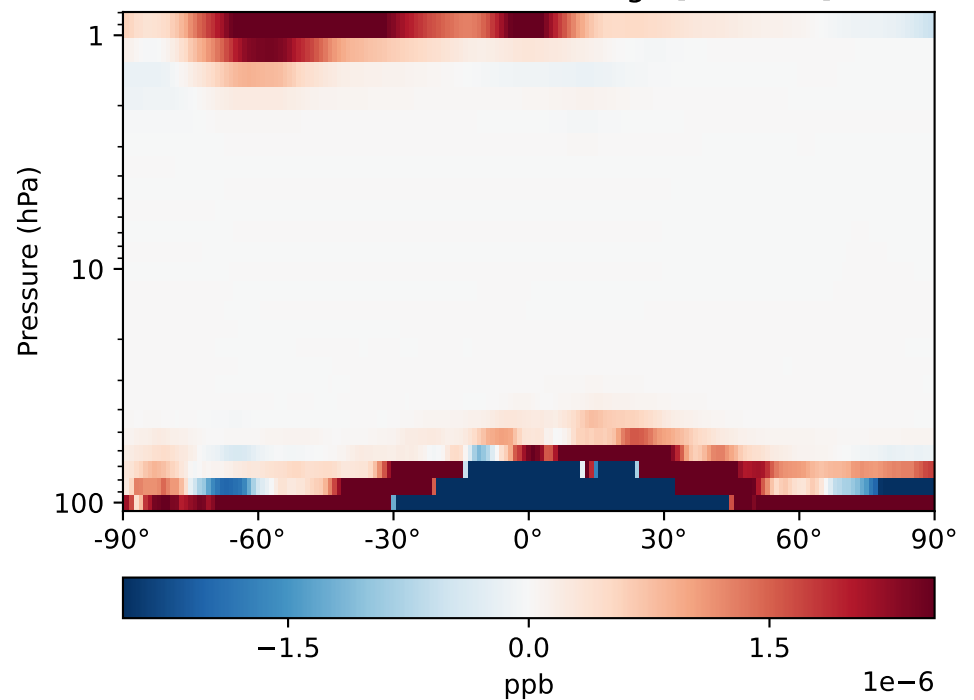
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



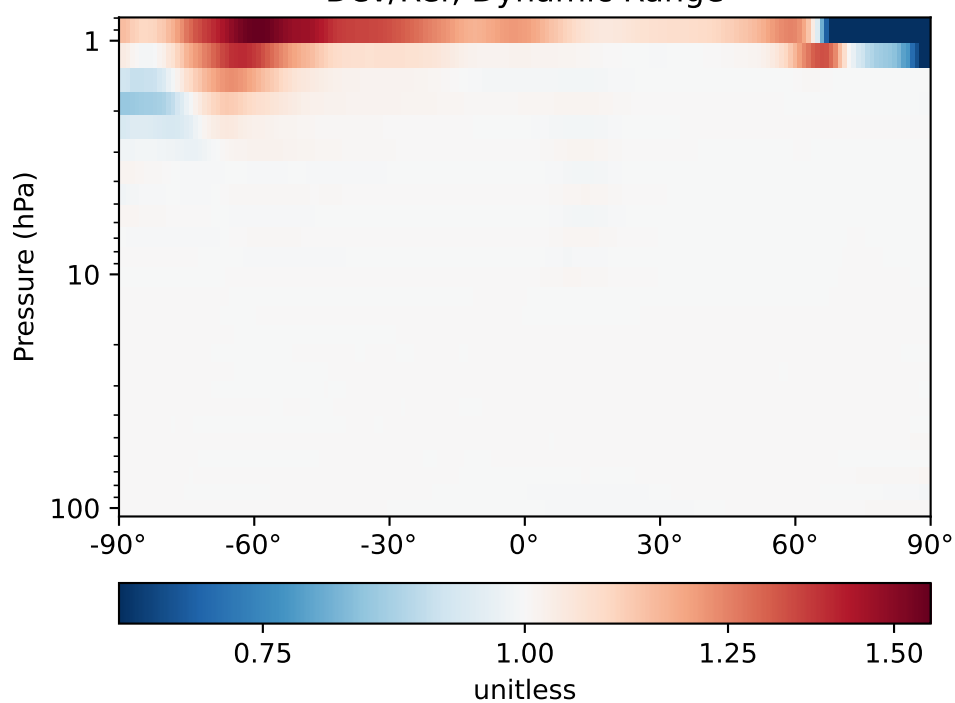
Difference (1x1.25)  
Dev - Ref, Dynamic Range



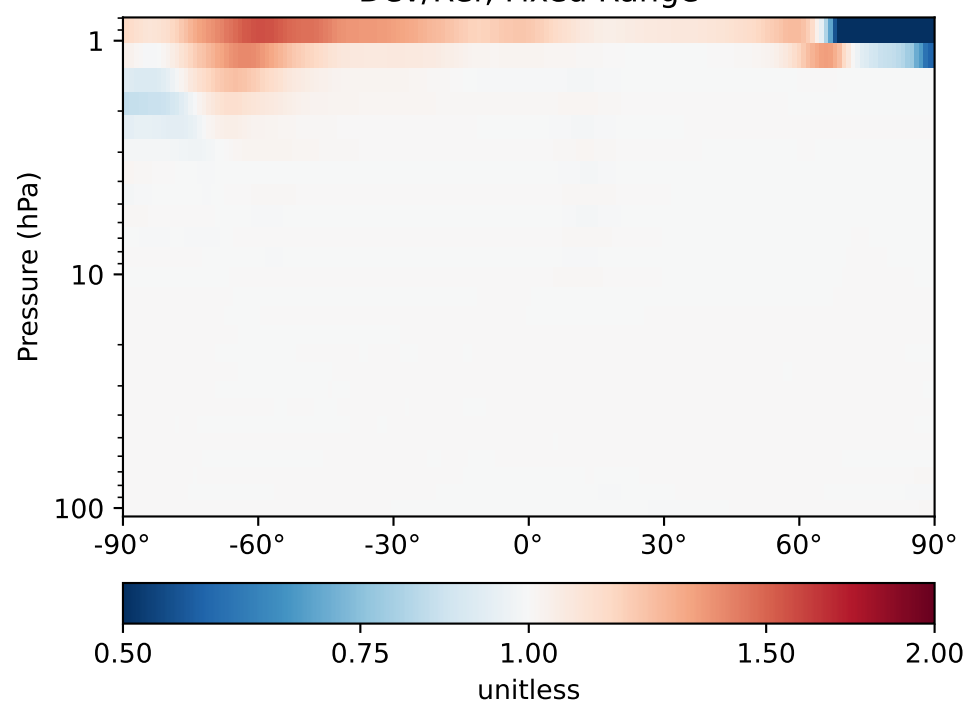
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



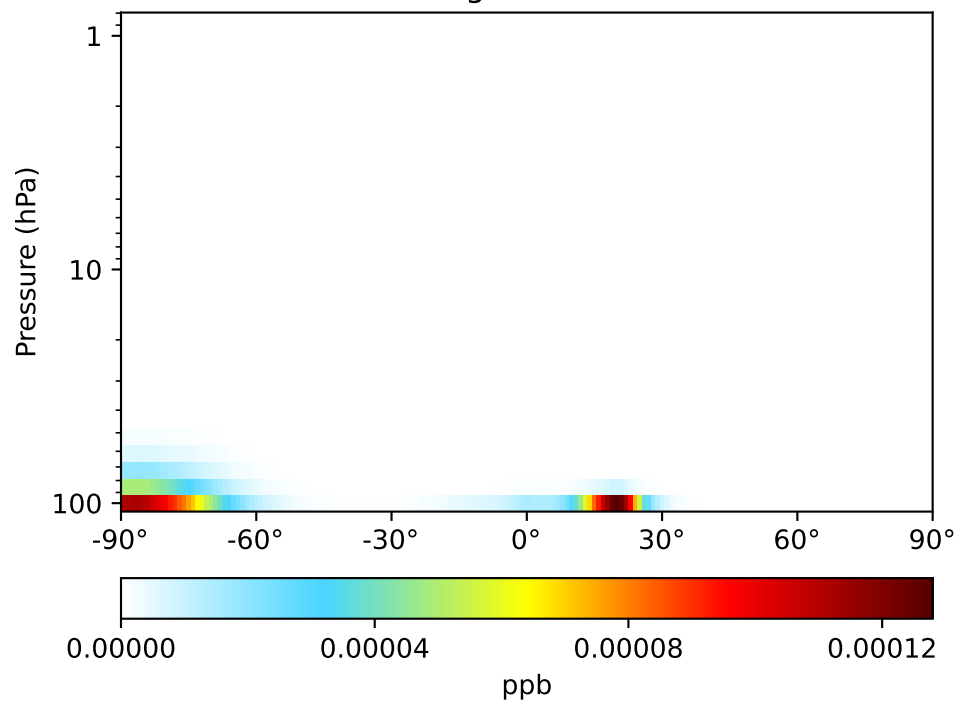
Ratio (1x1.25)  
Dev/Ref, Fixed Range



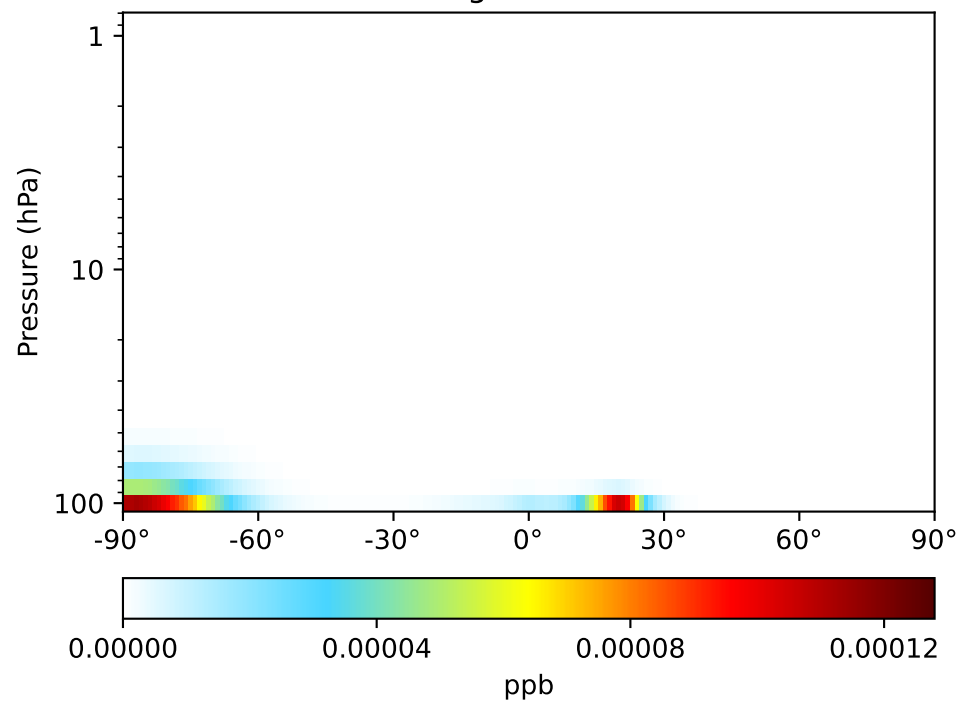


# SpeciesConc\_HAC, Zonal Mean

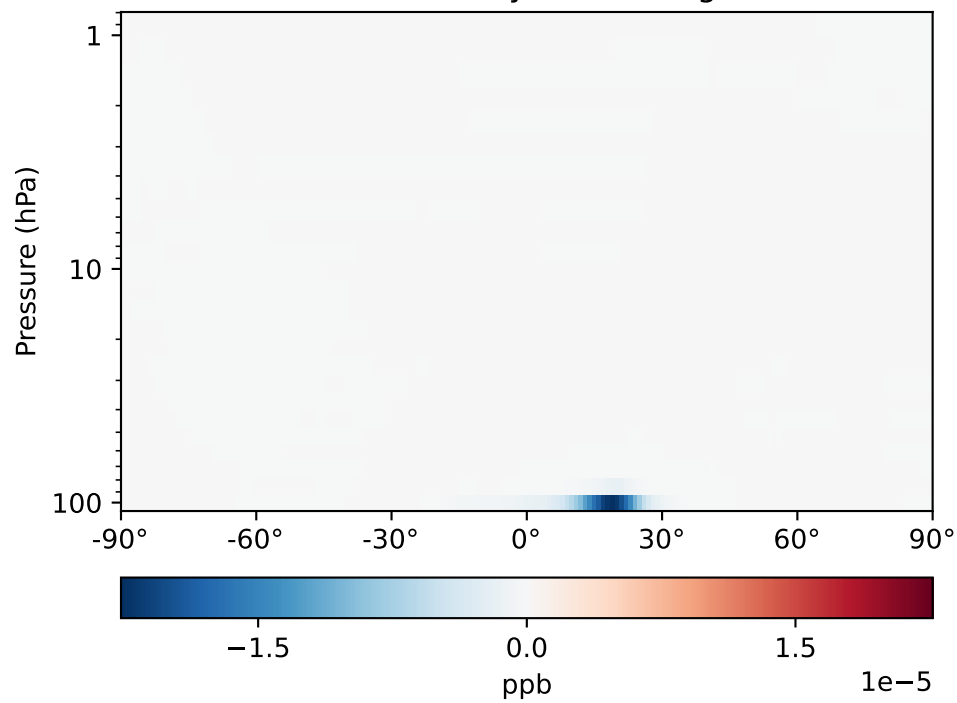
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



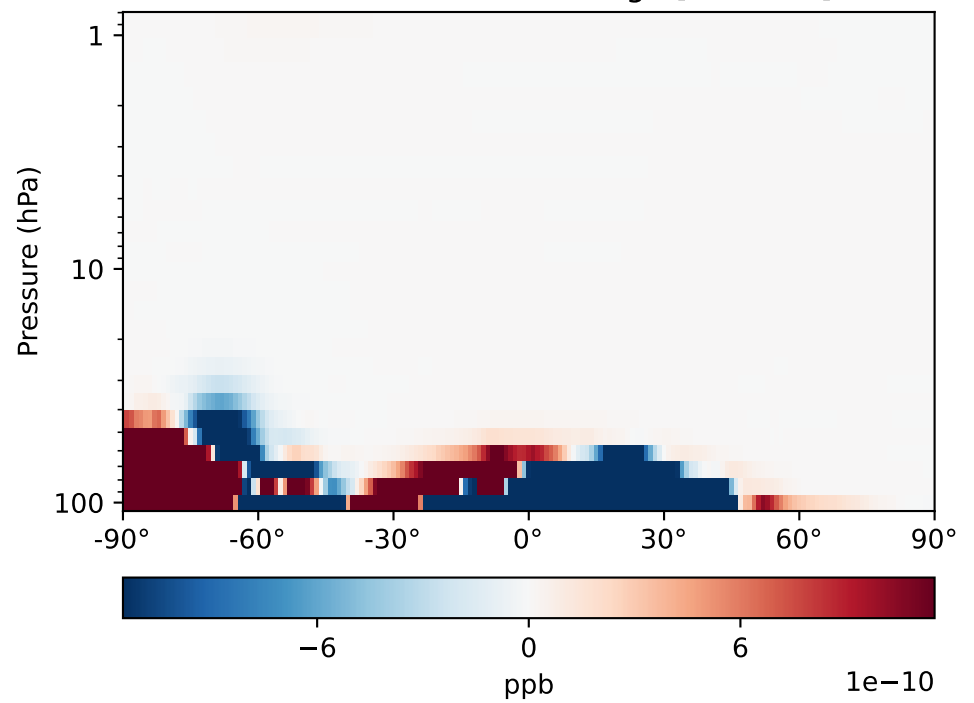
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



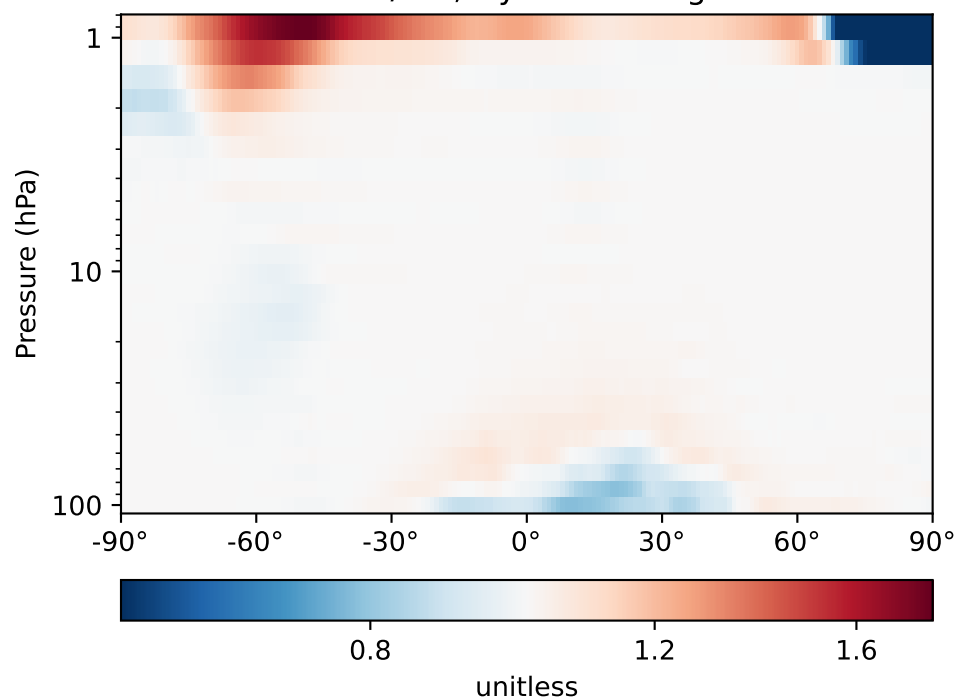
Difference (1x1.25)  
Dev - Ref, Dynamic Range



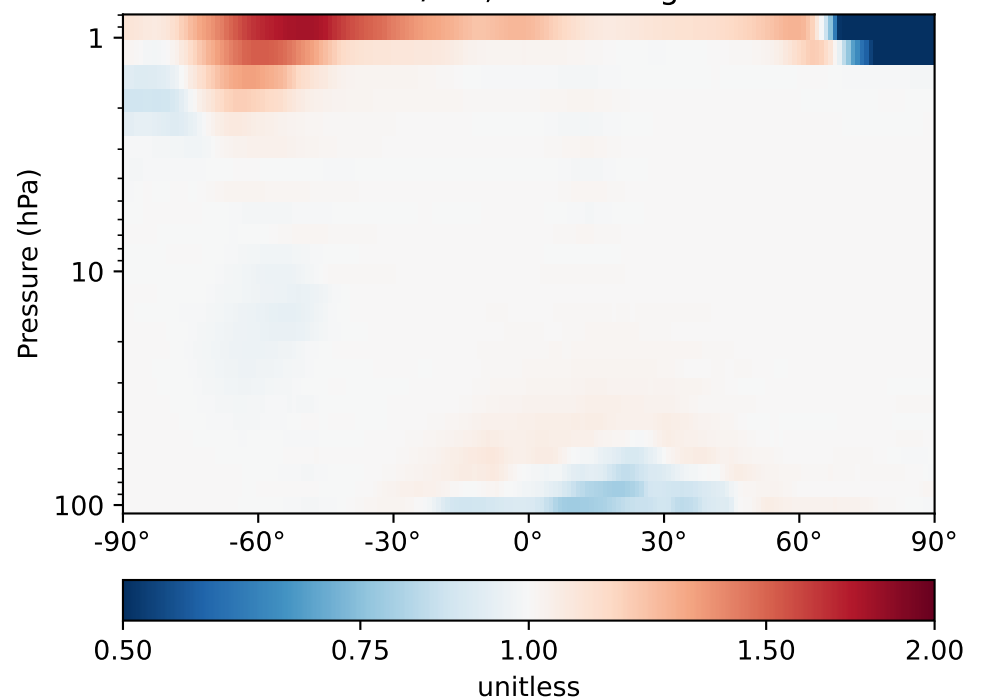
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

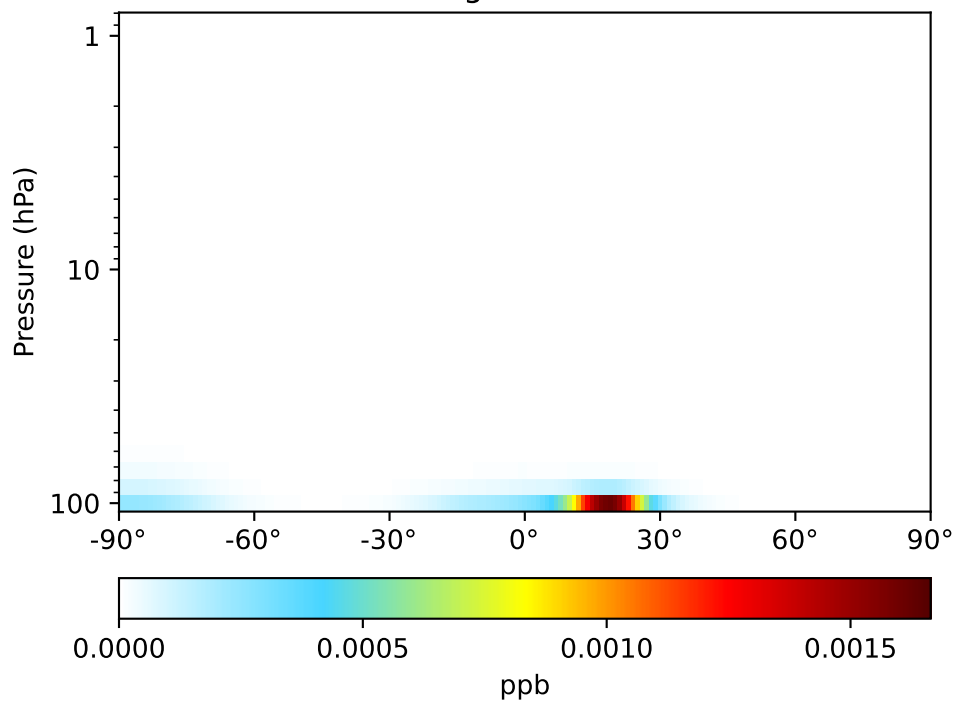


Ratio (1x1.25)  
Dev/Ref, Fixed Range

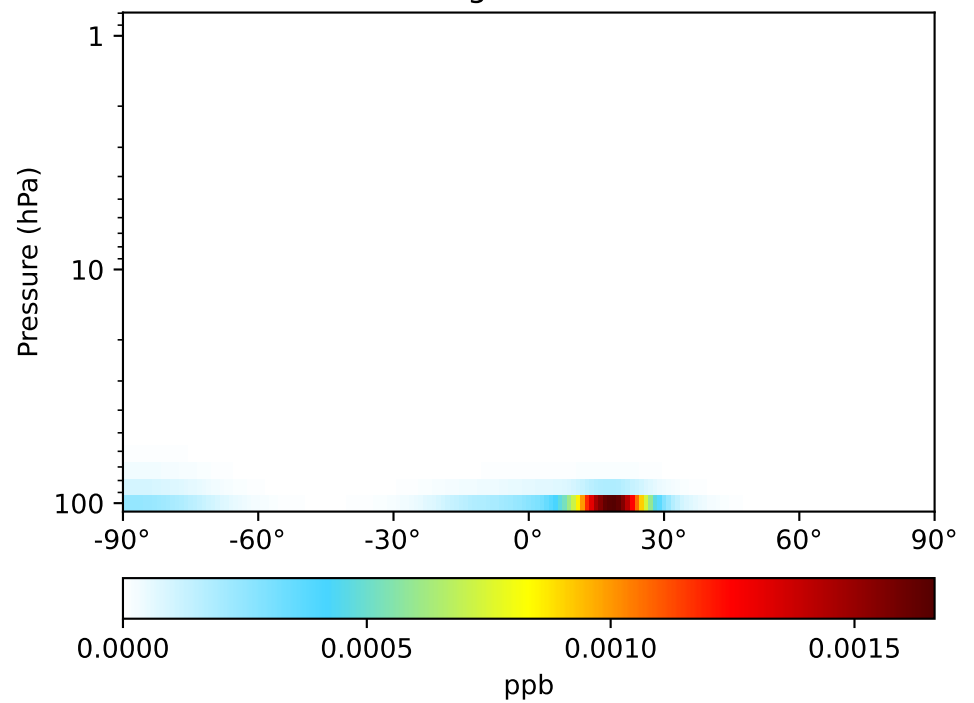


# SpeciesConc\_MEK, Zonal Mean

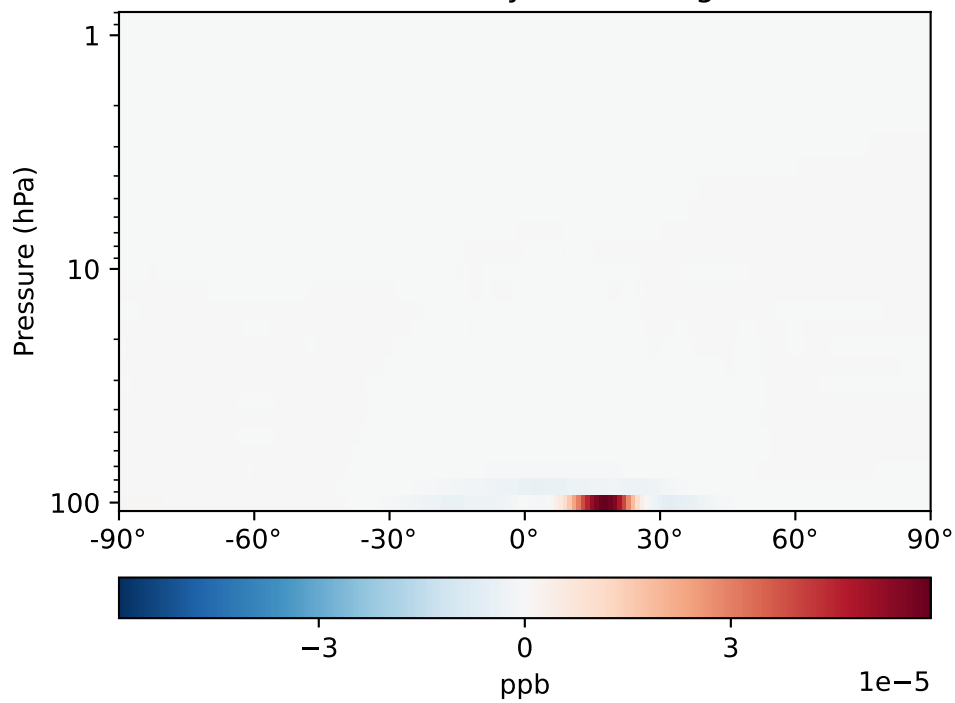
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



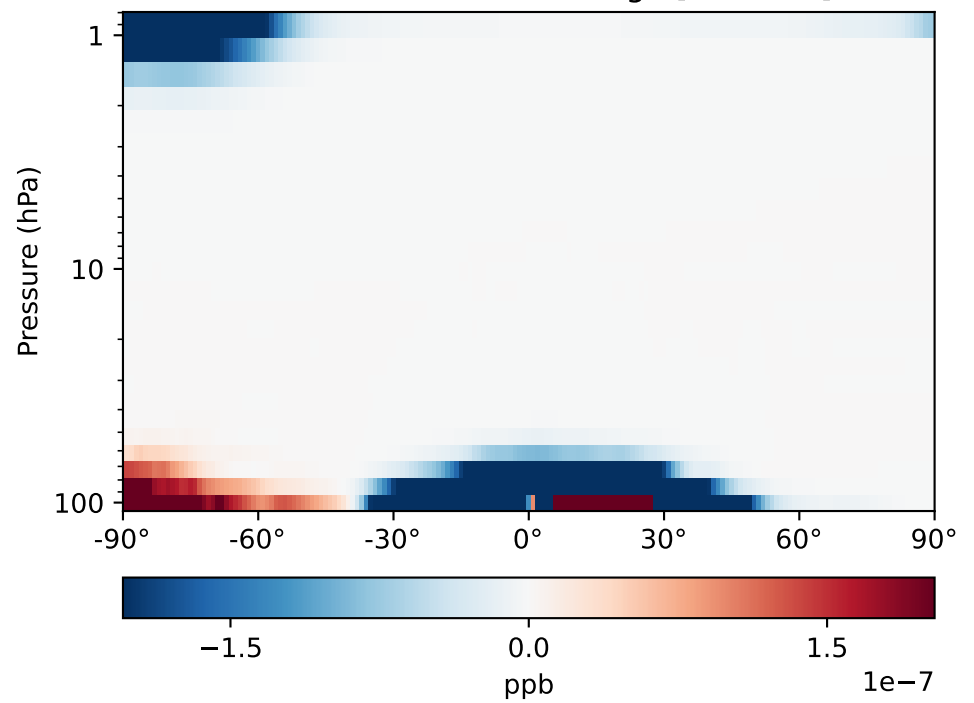
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



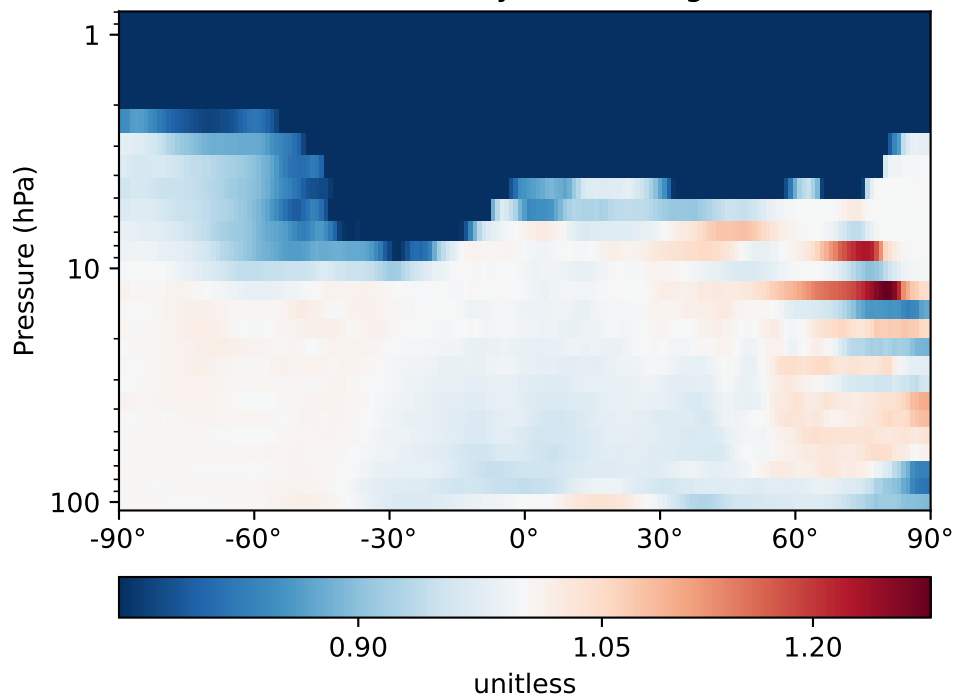
Difference (1x1.25)  
Dev - Ref, Dynamic Range



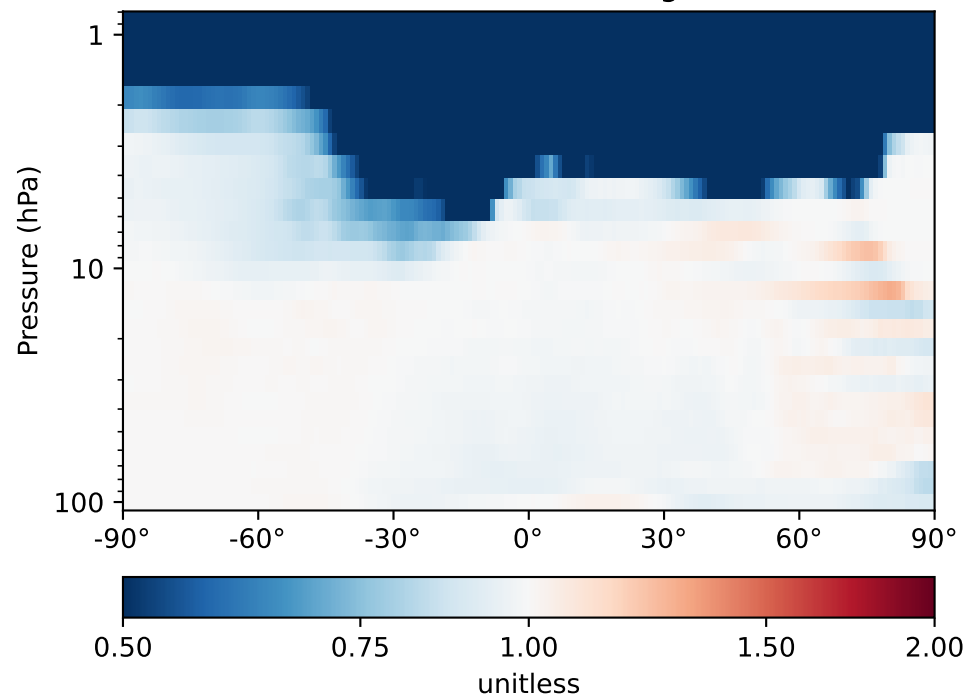
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

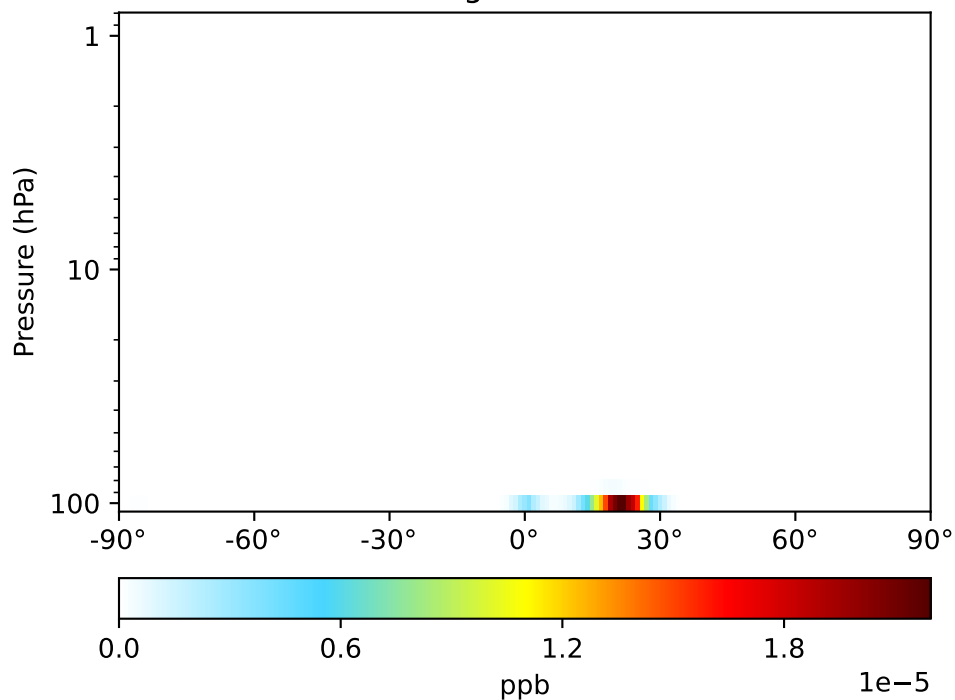


Ratio (1x1.25)  
Dev/Ref, Fixed Range

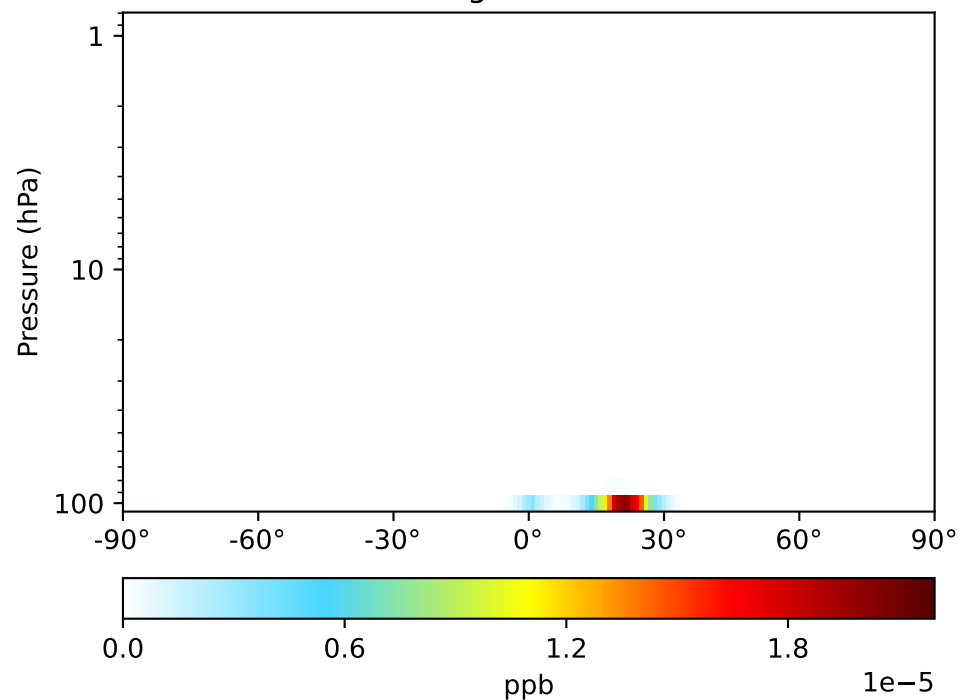


# SpeciesConc\_MVK, Zonal Mean

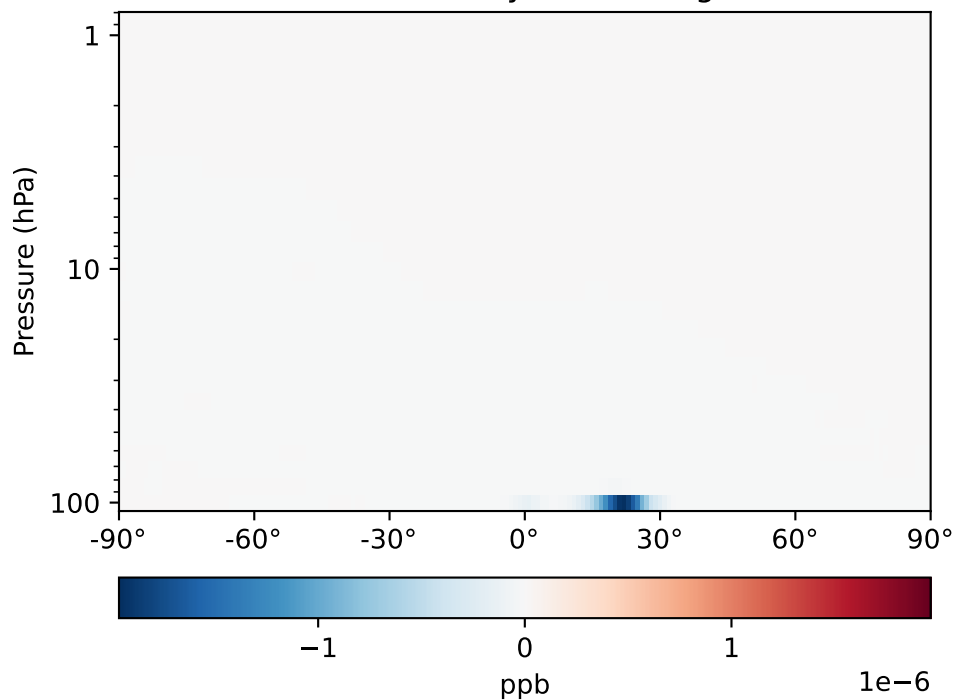
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



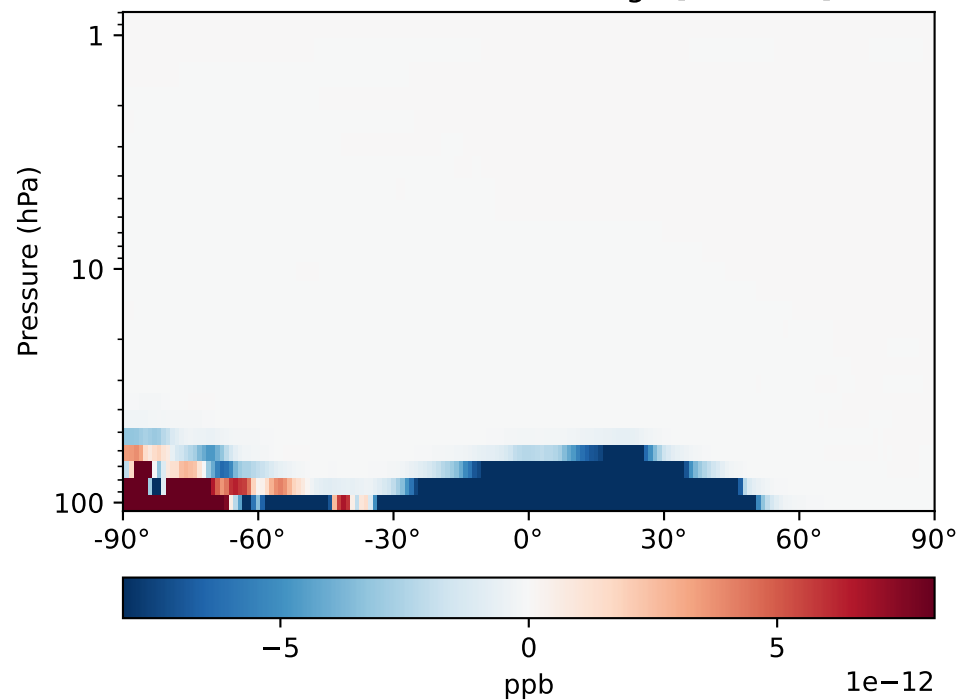
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



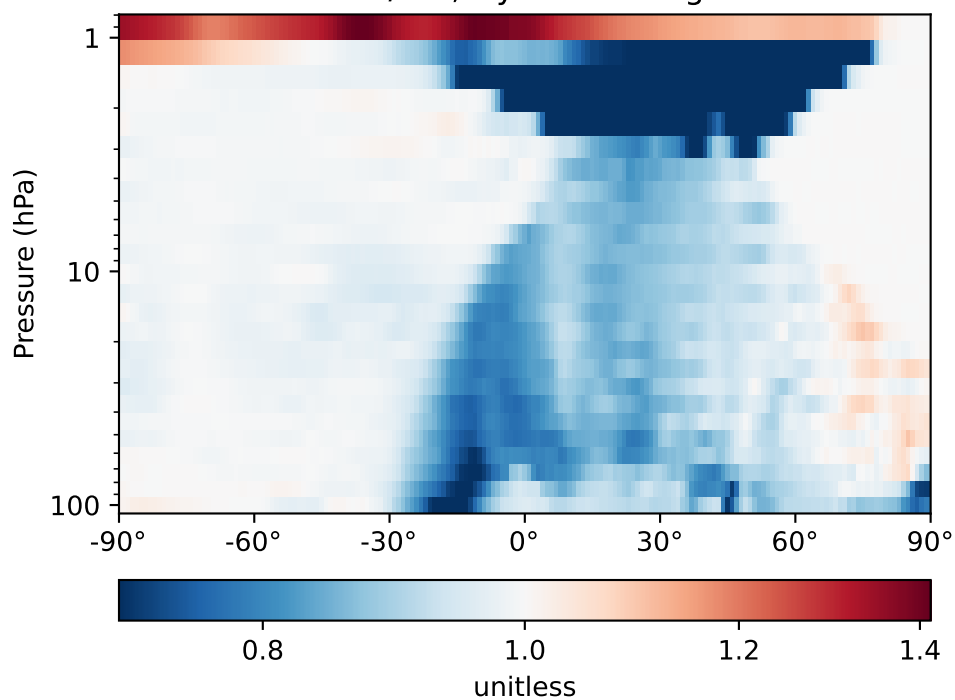
Difference (1x1.25)  
Dev - Ref, Dynamic Range



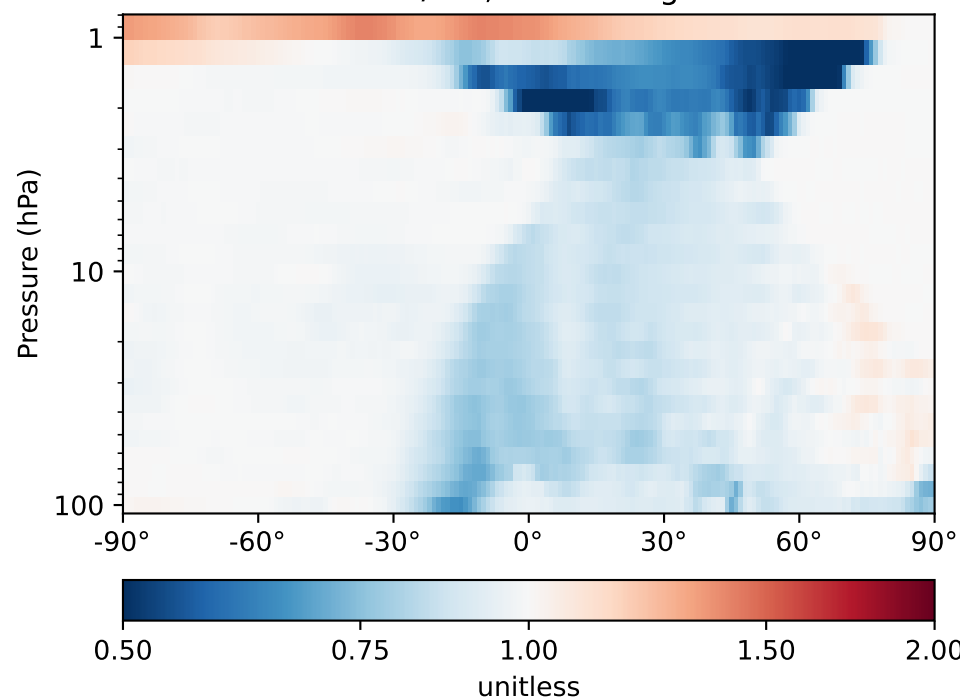
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

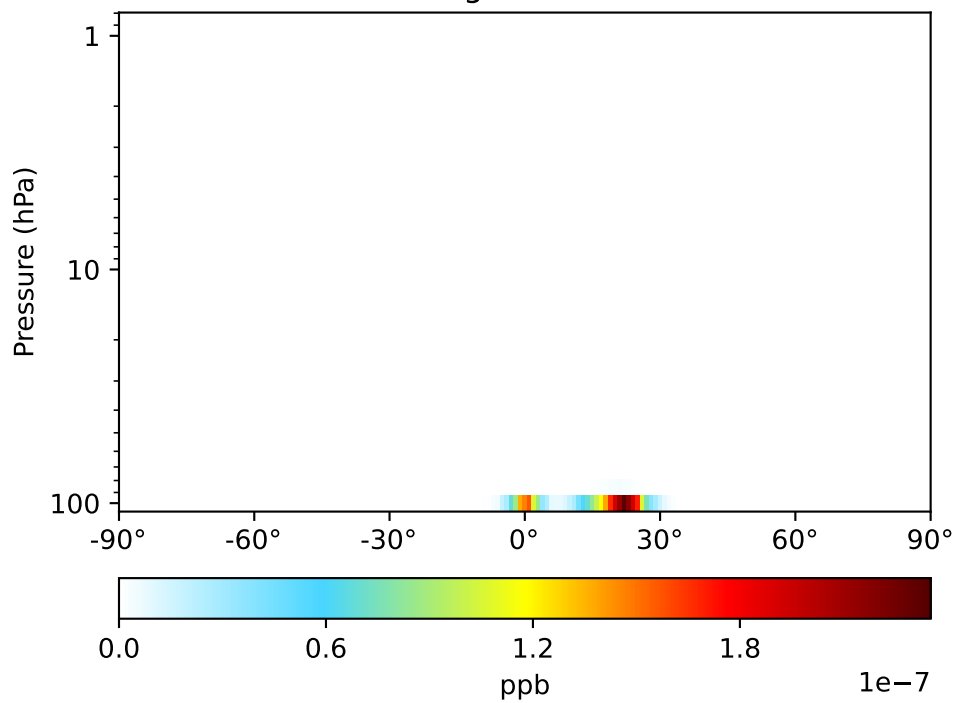


Ratio (1x1.25)  
Dev/Ref, Fixed Range

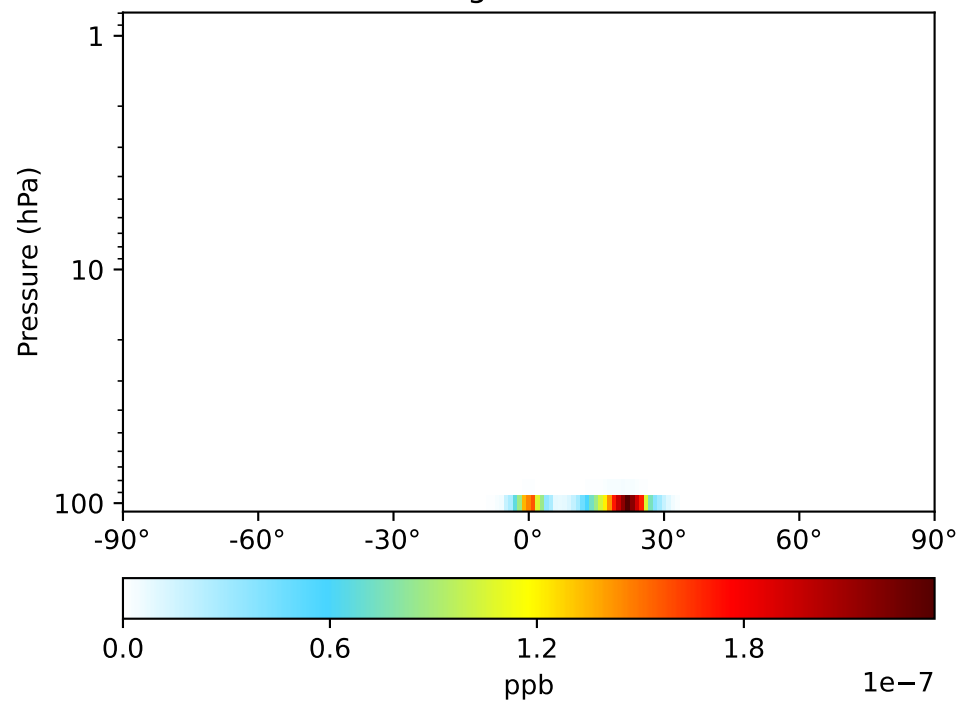


# SpeciesConc\_ISOPN, Zonal Mean

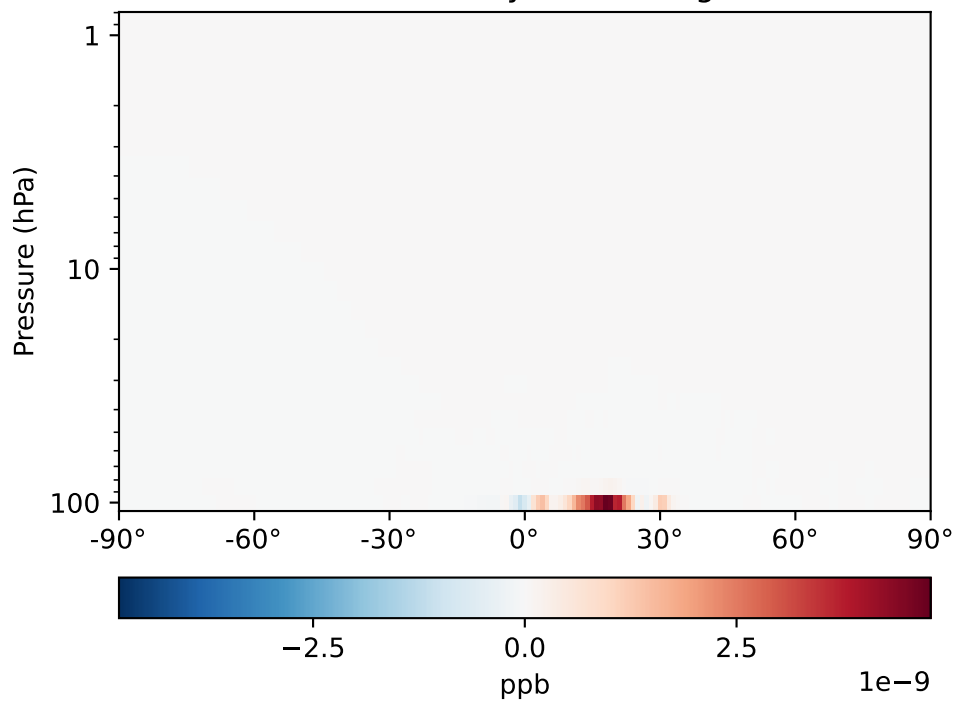
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



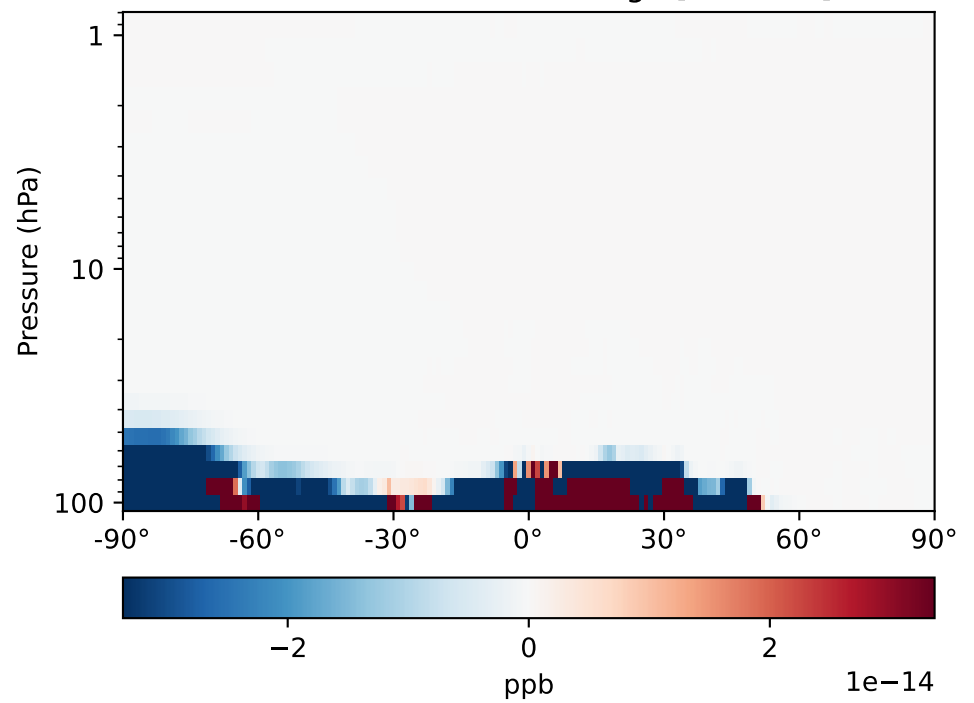
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



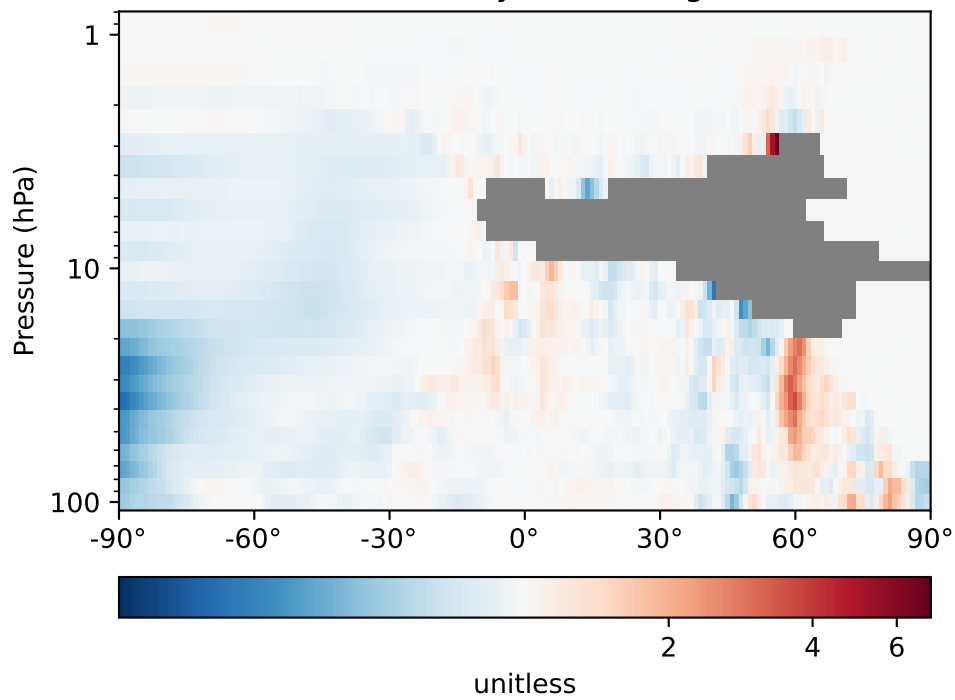
Difference (1x1.25)  
Dev - Ref, Dynamic Range



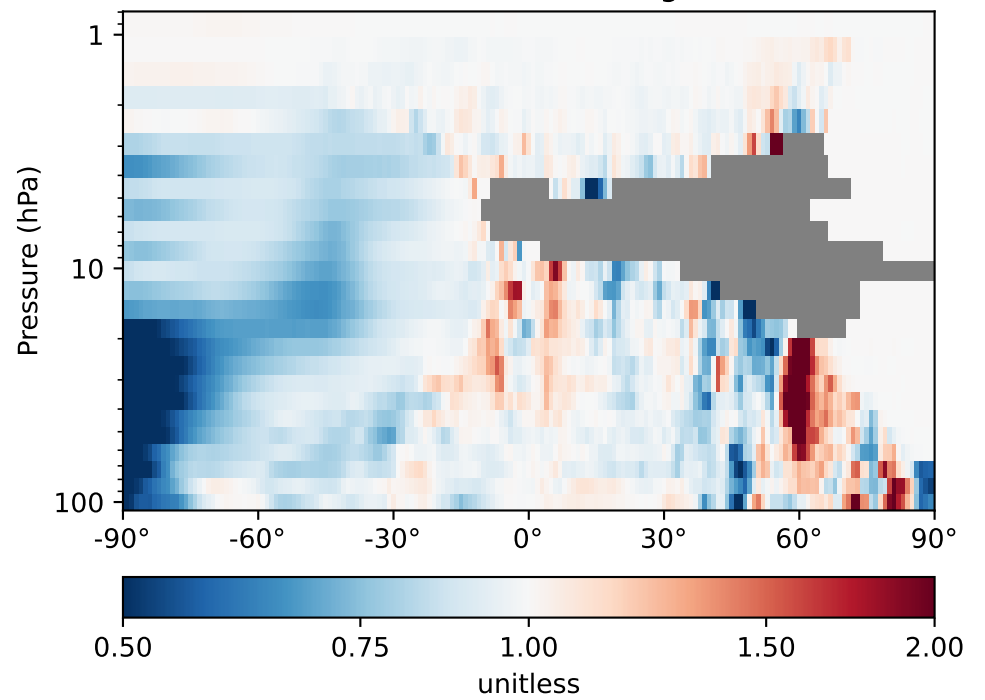
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

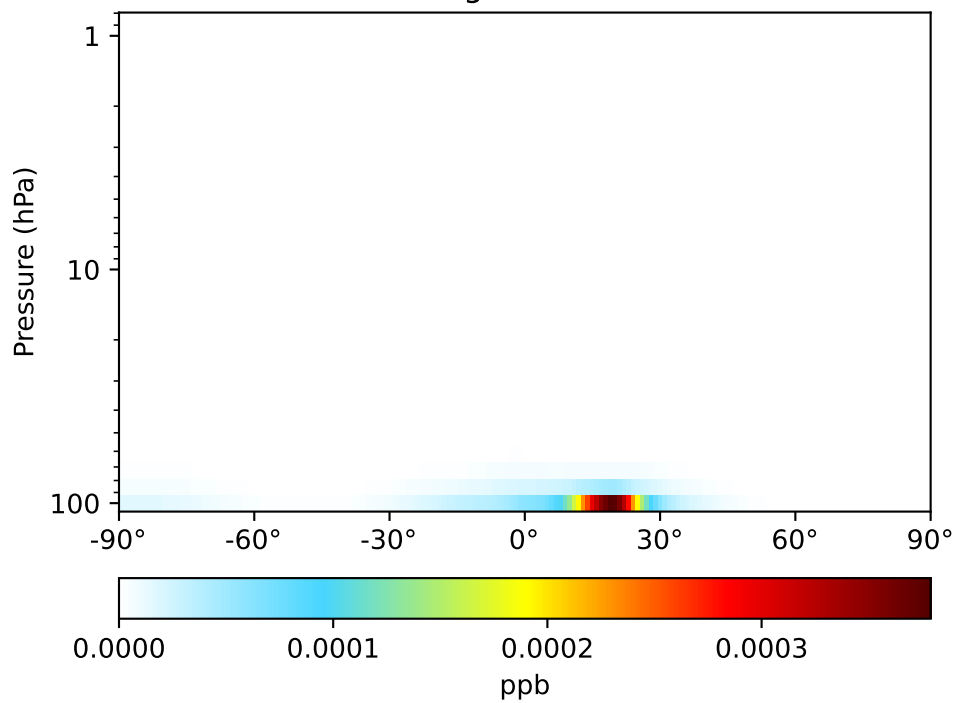


Ratio (1x1.25)  
Dev/Ref, Fixed Range

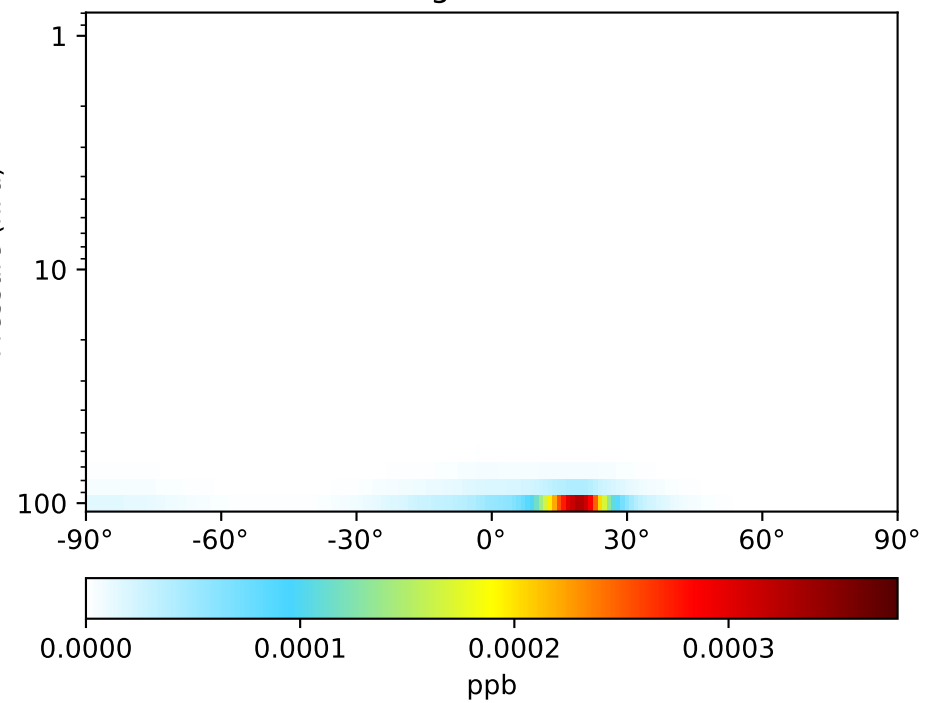


# SpeciesConc\_GLYC, Zonal Mean

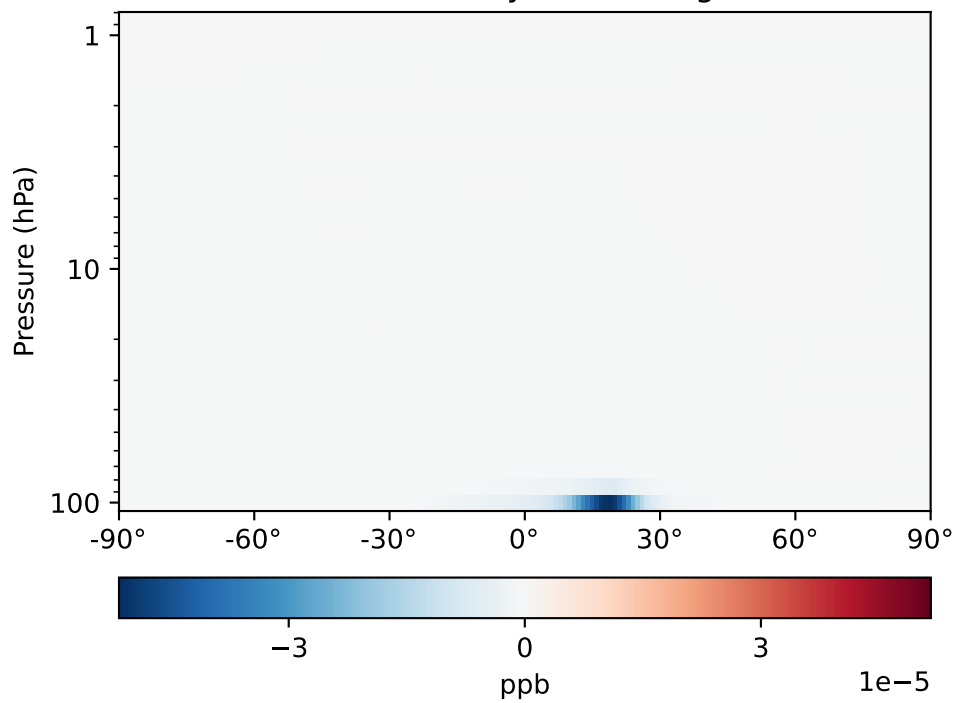
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



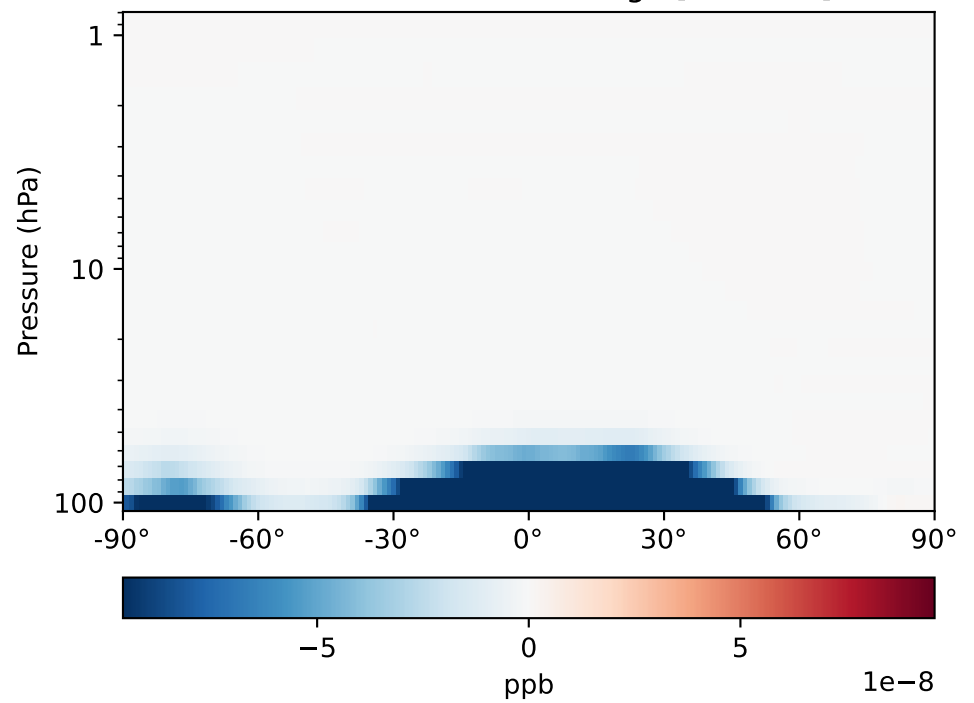
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



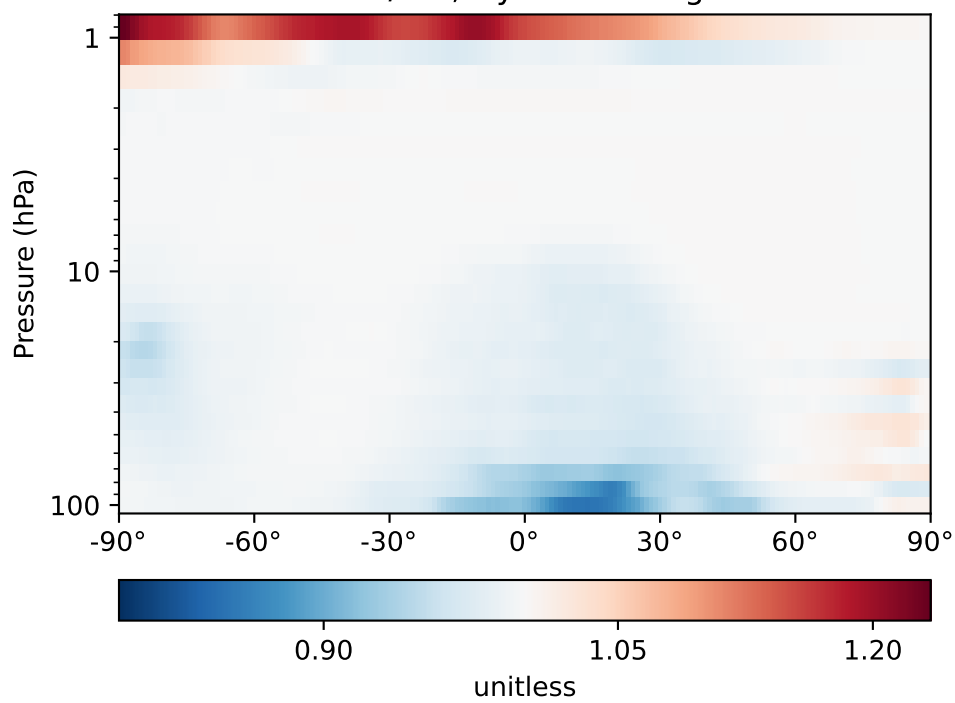
Difference (1x1.25)  
Dev - Ref, Dynamic Range



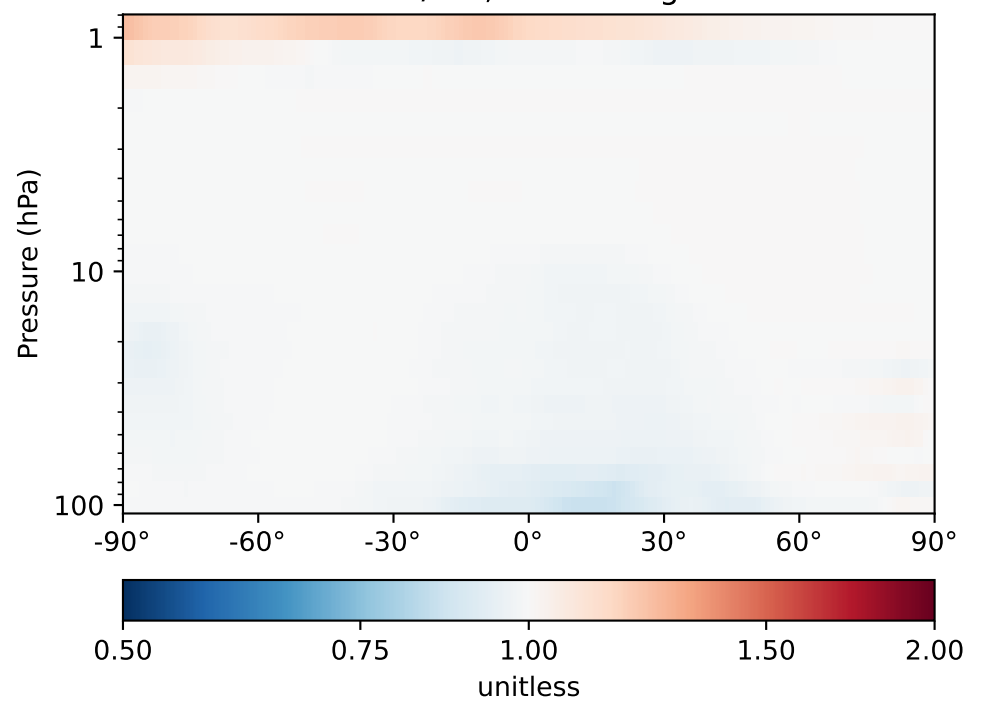
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

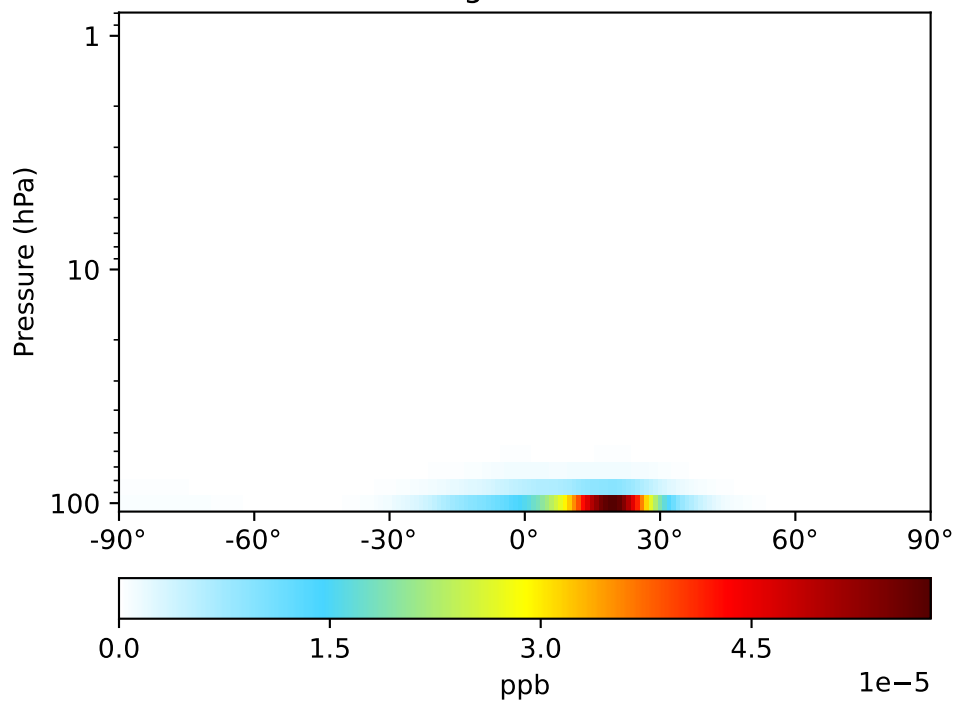


Ratio (1x1.25)  
Dev/Ref, Fixed Range

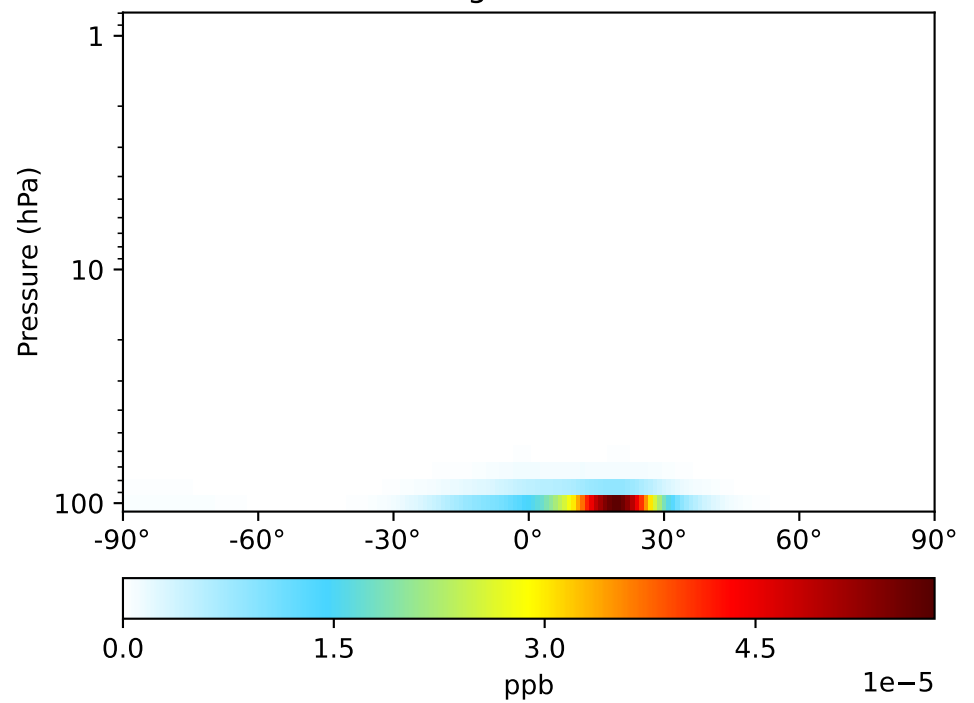


# SpeciesConc\_GLYX, Zonal Mean

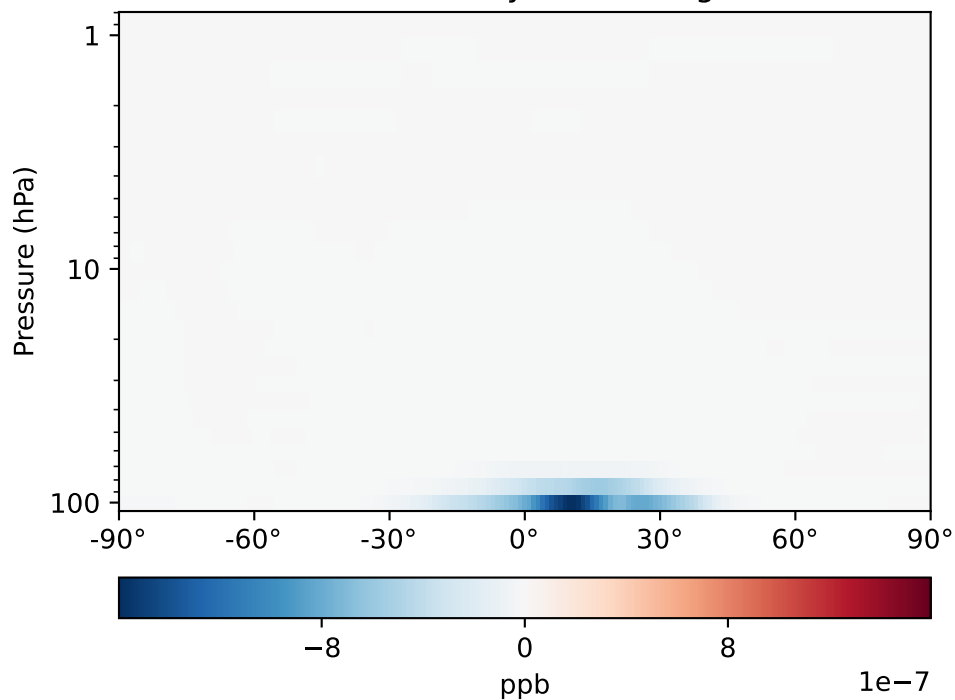
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



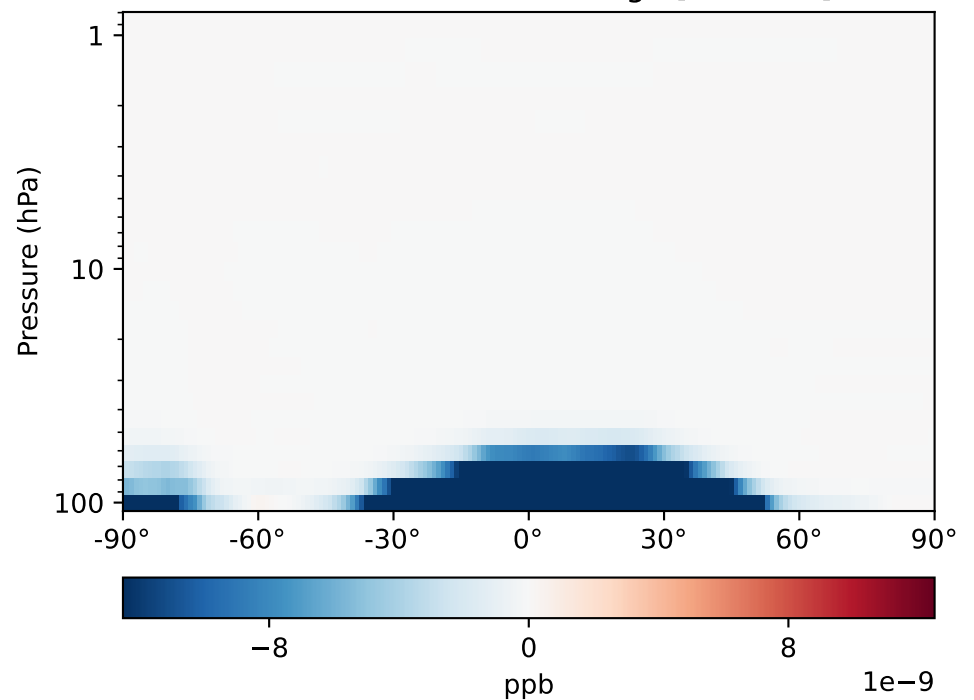
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



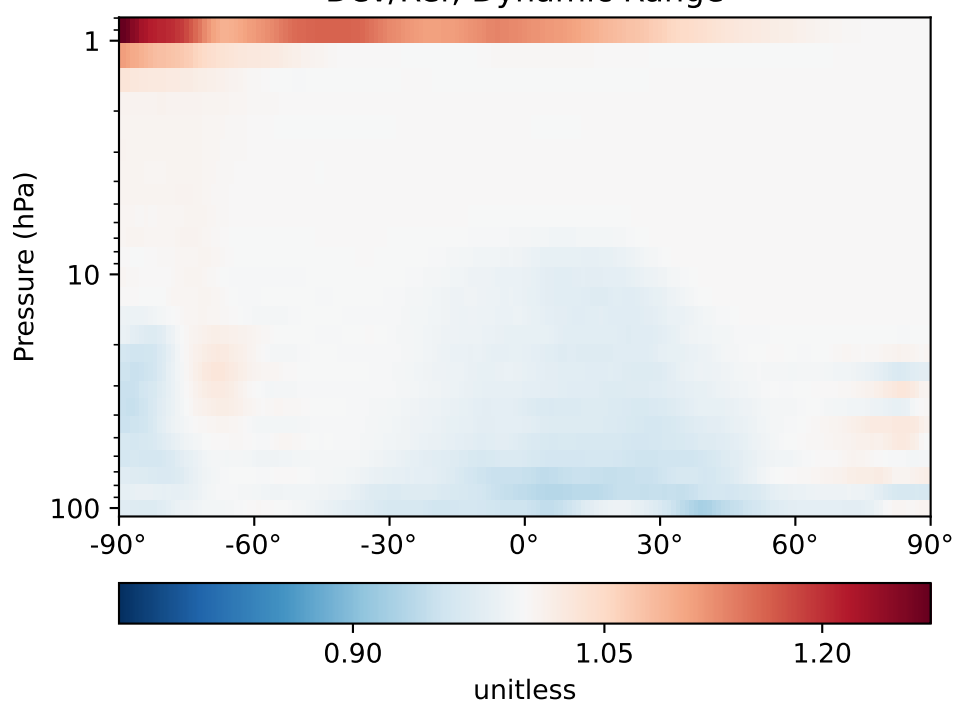
Difference (1x1.25)  
Dev - Ref, Dynamic Range



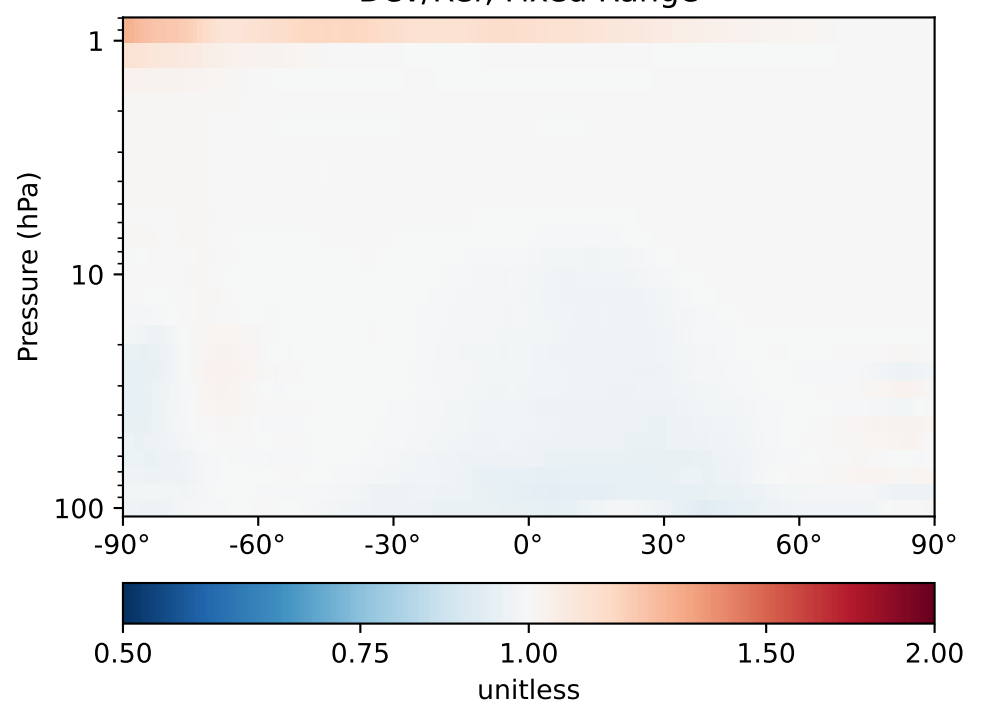
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

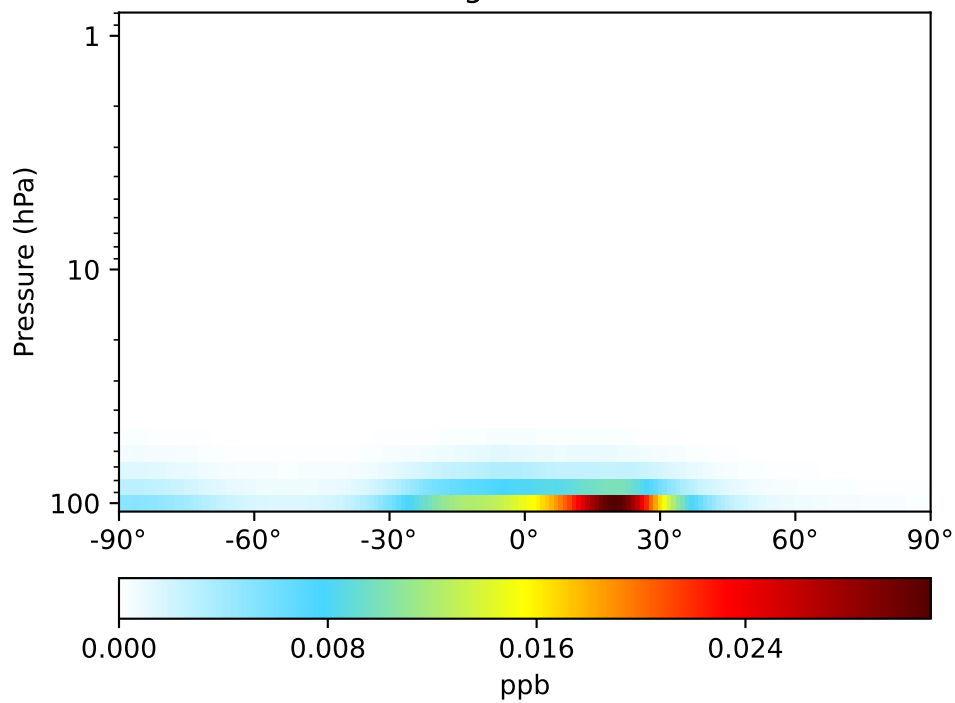


Ratio (1x1.25)  
Dev/Ref, Fixed Range

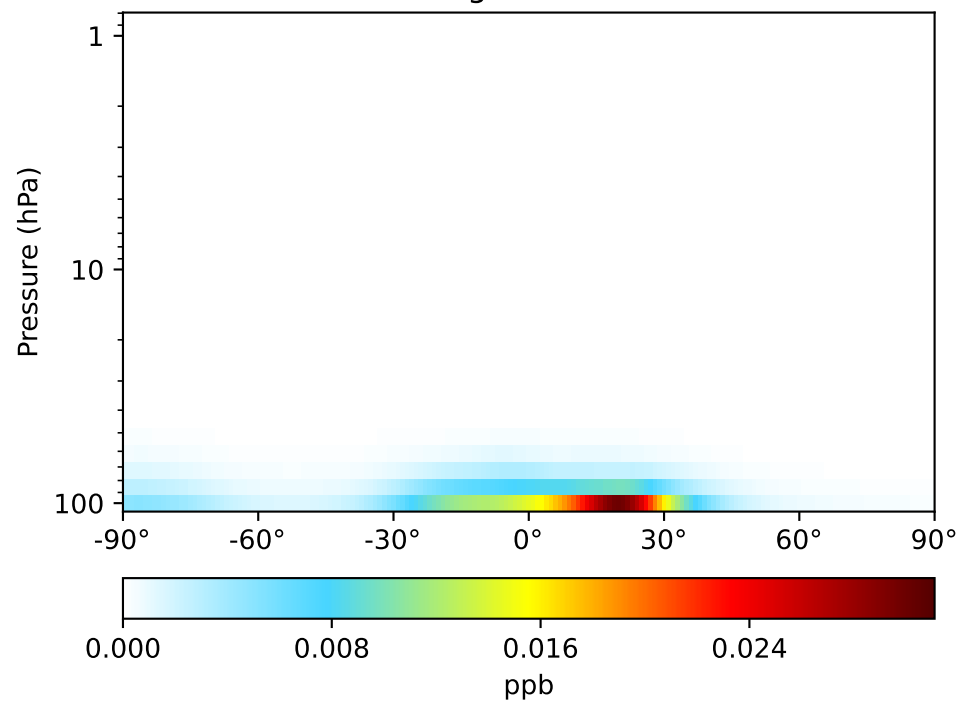


# SpeciesConc\_HCOOH, Zonal Mean

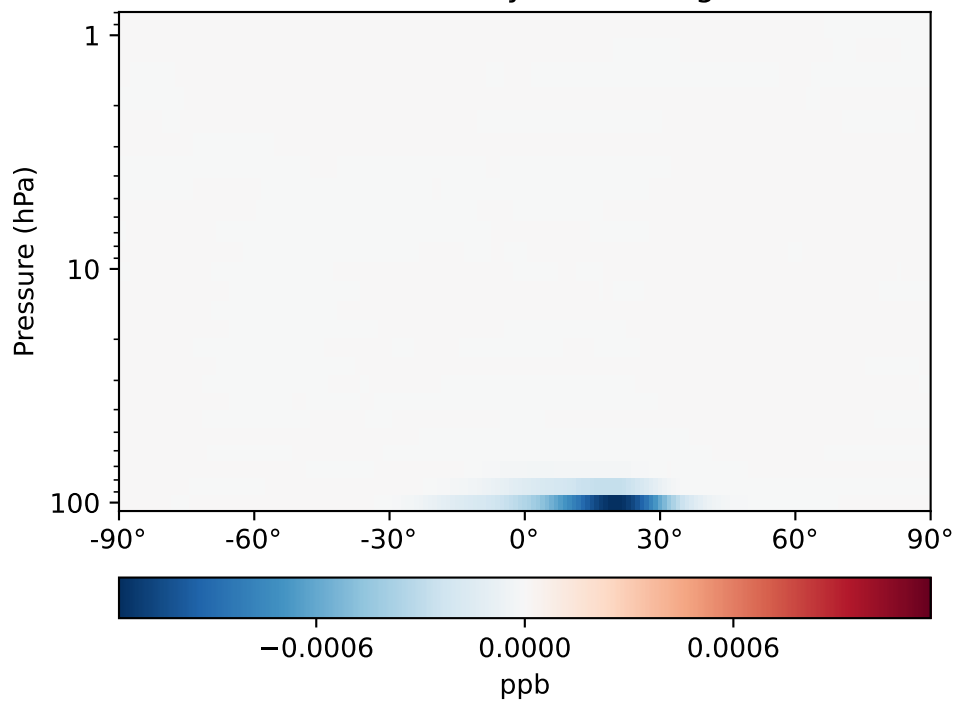
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



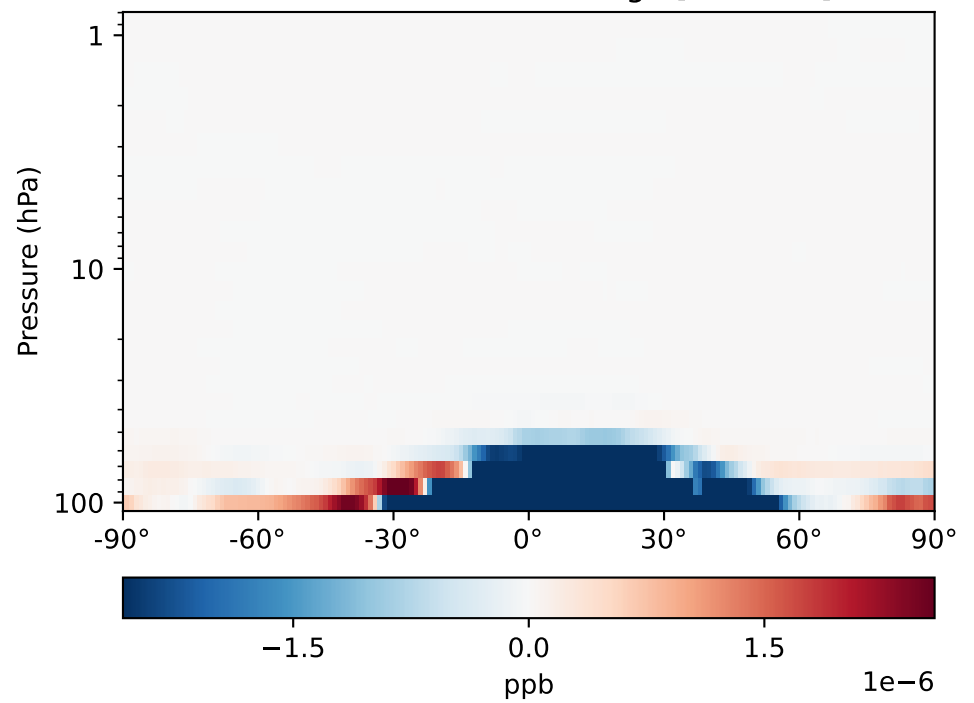
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



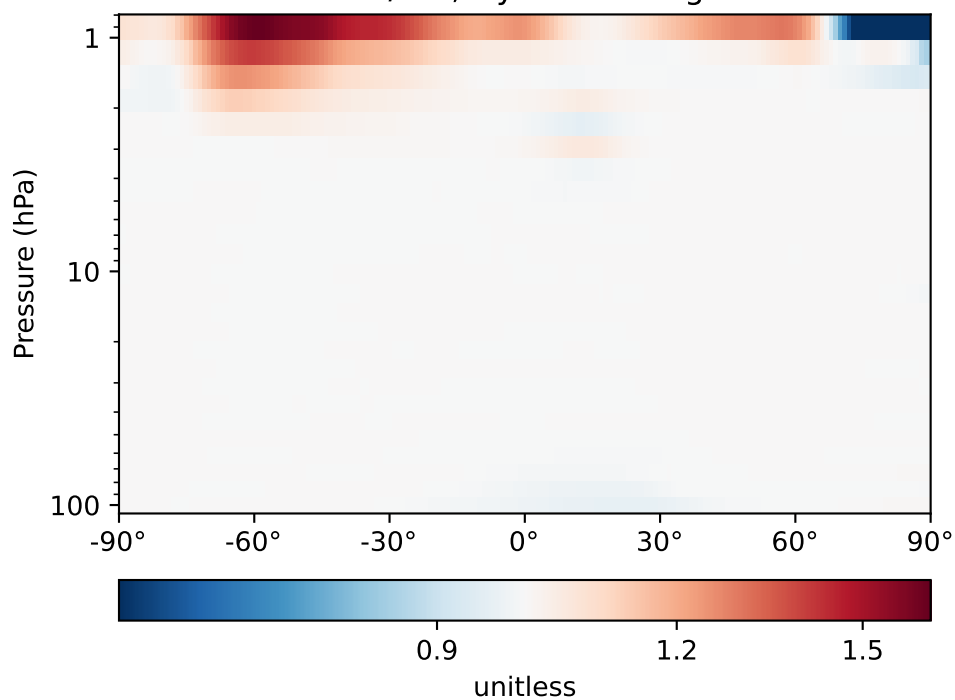
Difference (1x1.25)  
Dev - Ref, Dynamic Range



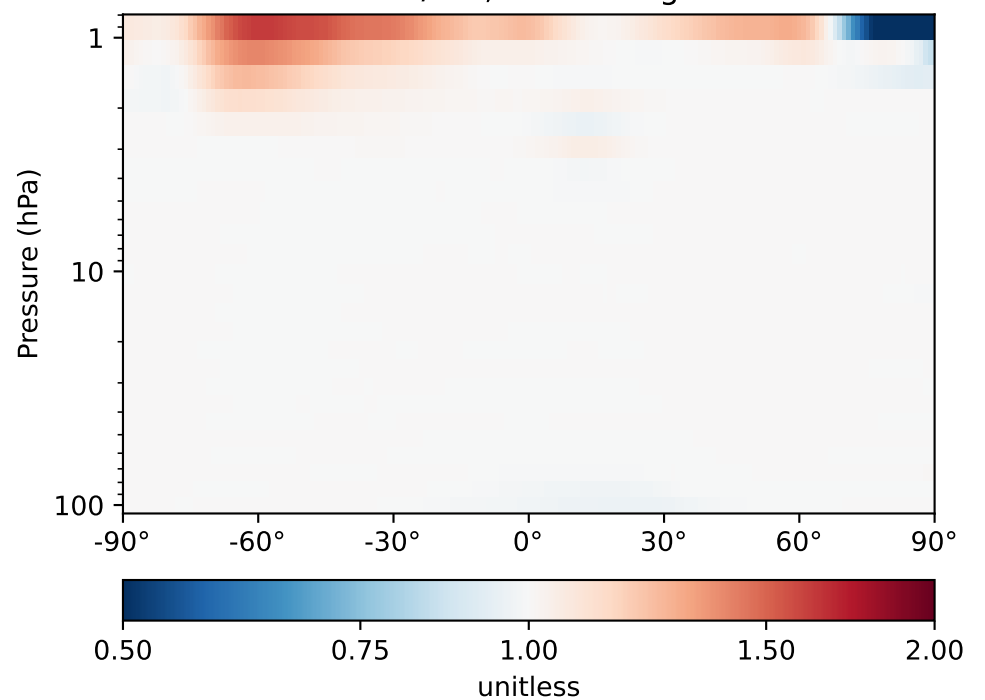
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

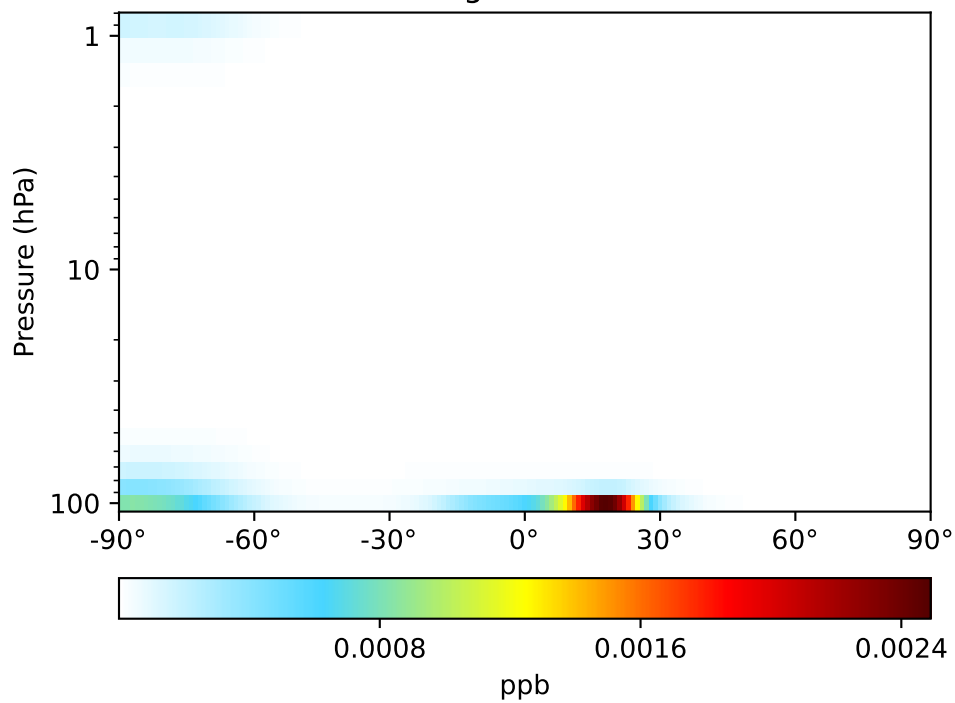


Ratio (1x1.25)  
Dev/Ref, Fixed Range

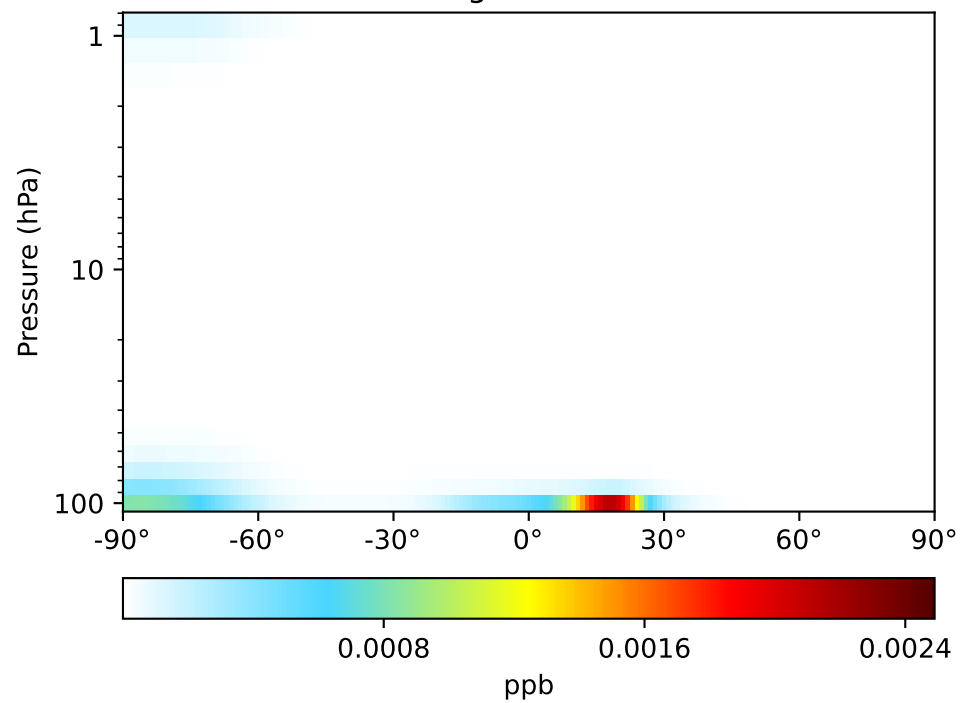


# SpeciesConc\_MAP, Zonal Mean

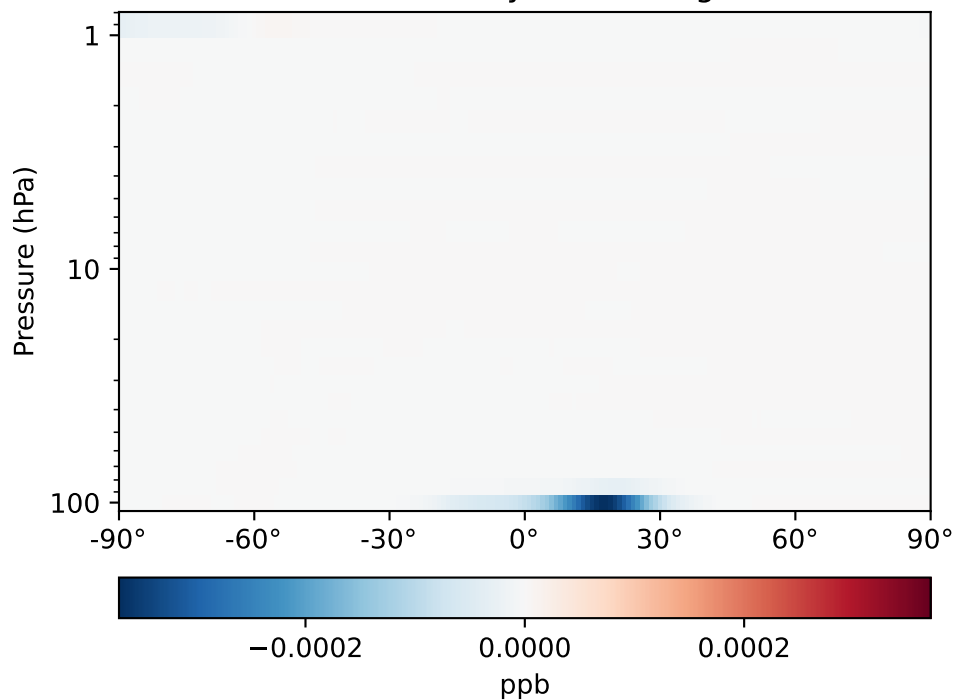
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



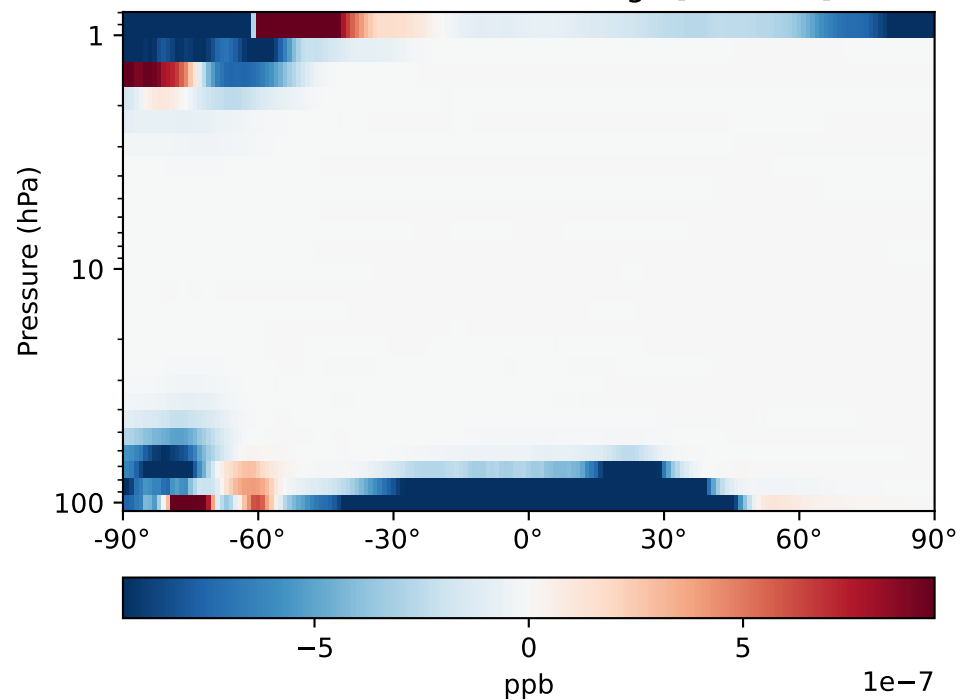
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



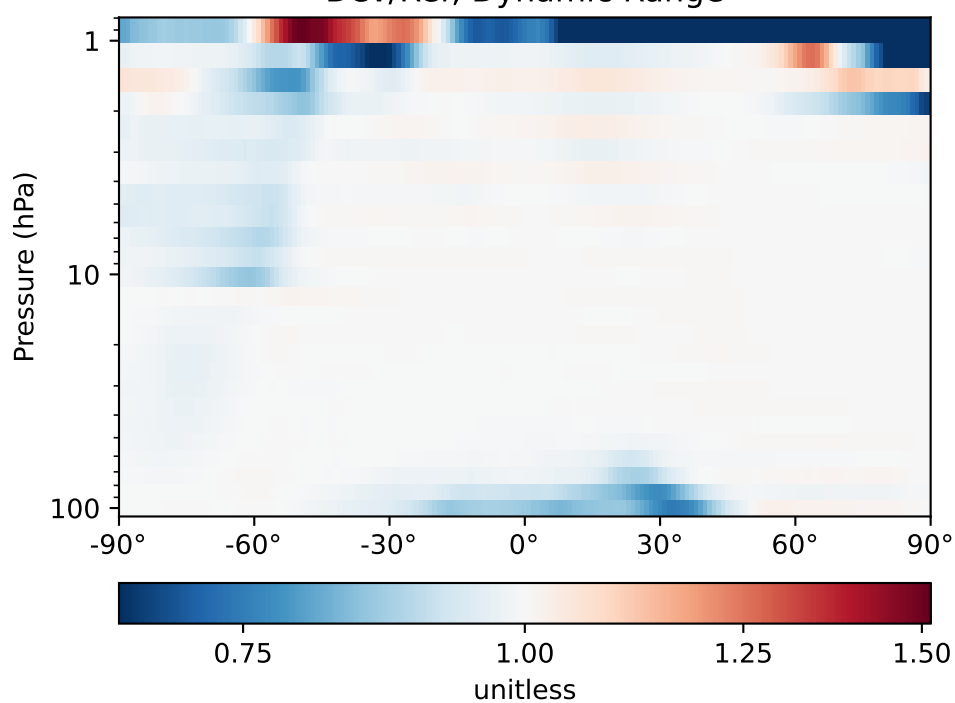
Difference (1x1.25)  
Dev - Ref, Dynamic Range



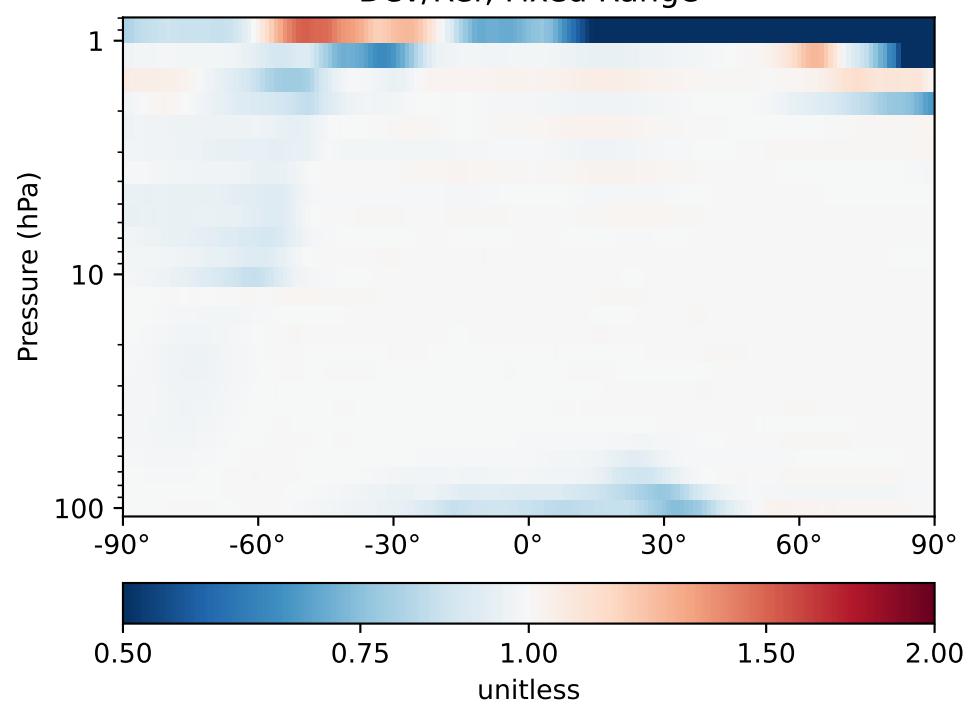
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



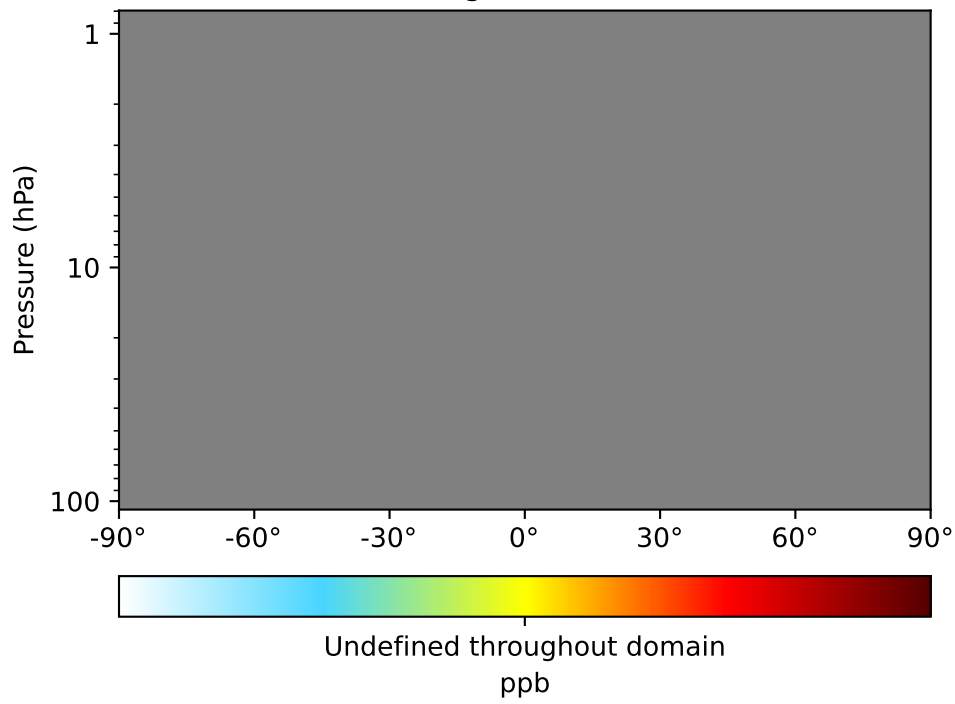
Ratio (1x1.25)  
Dev/Ref, Fixed Range



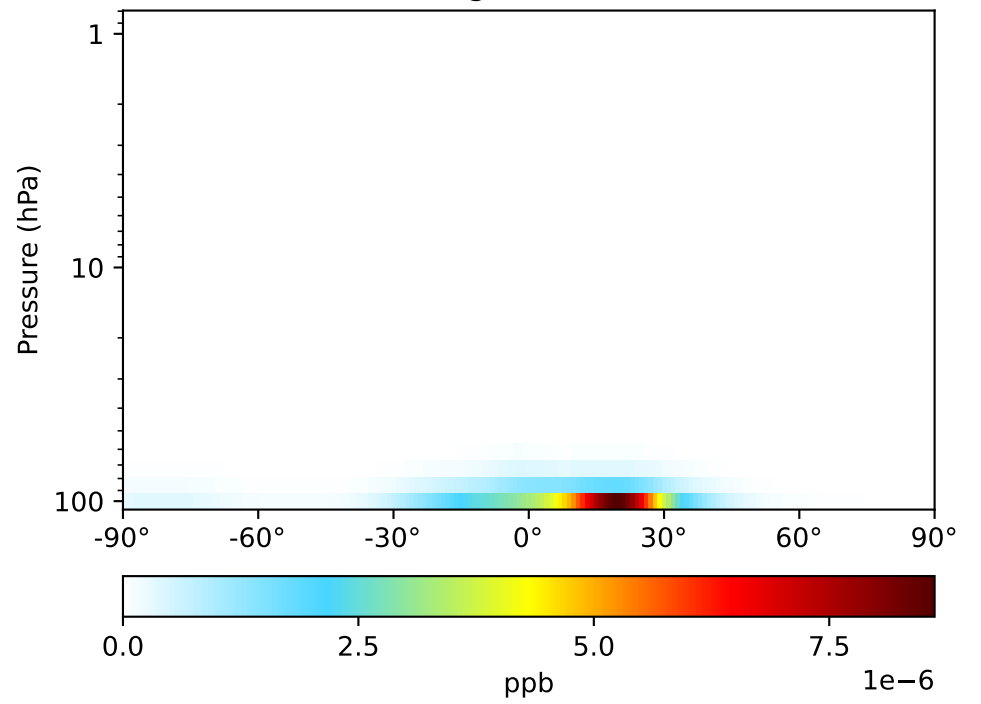


# SpeciesConc\_PHEN, Zonal Mean

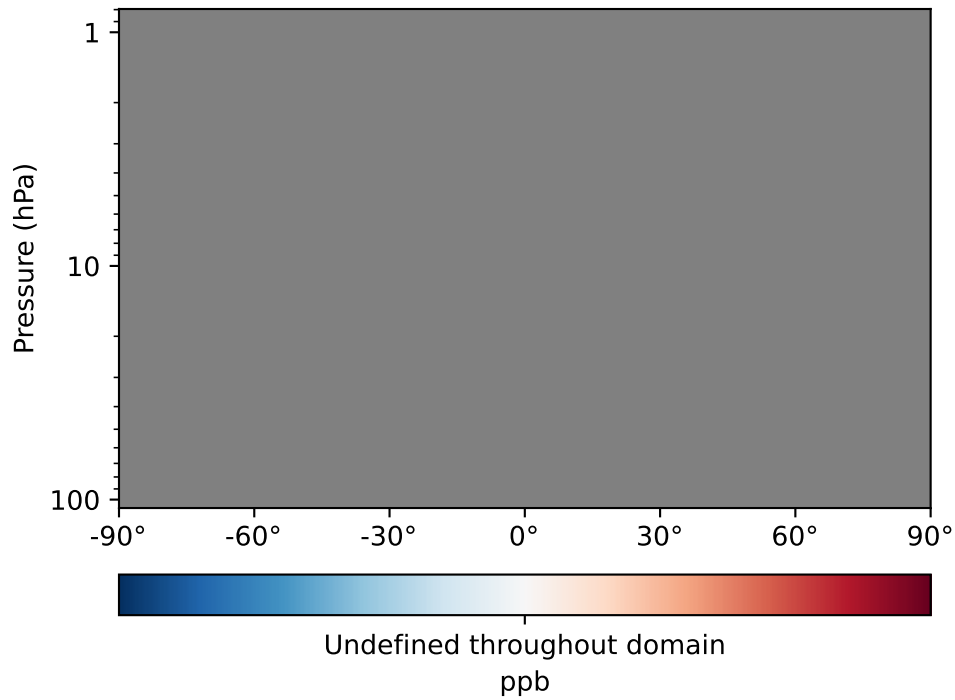
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



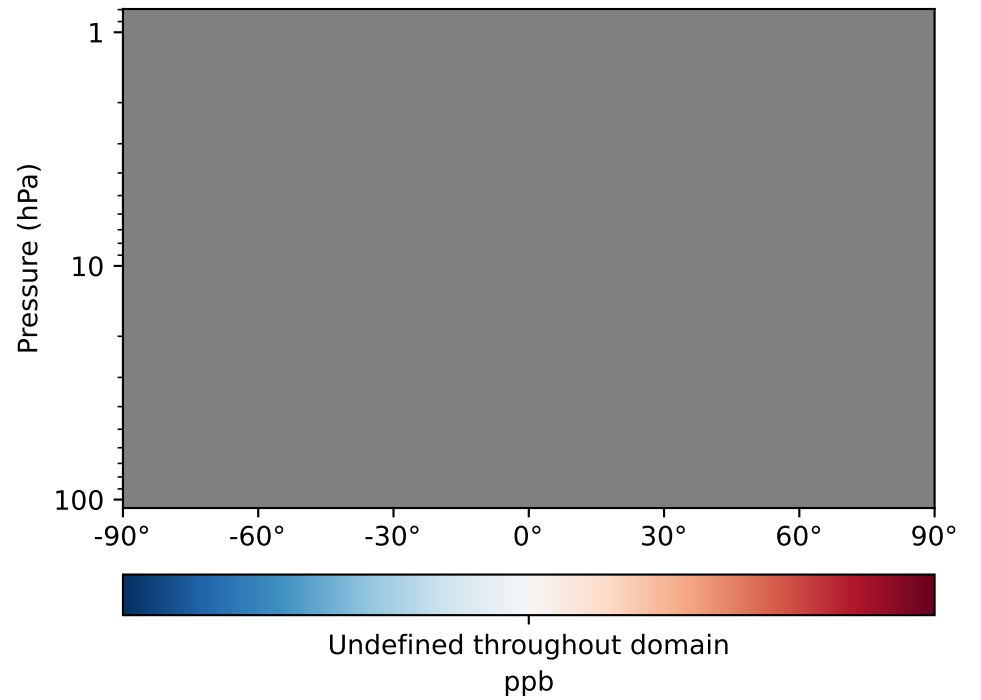
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



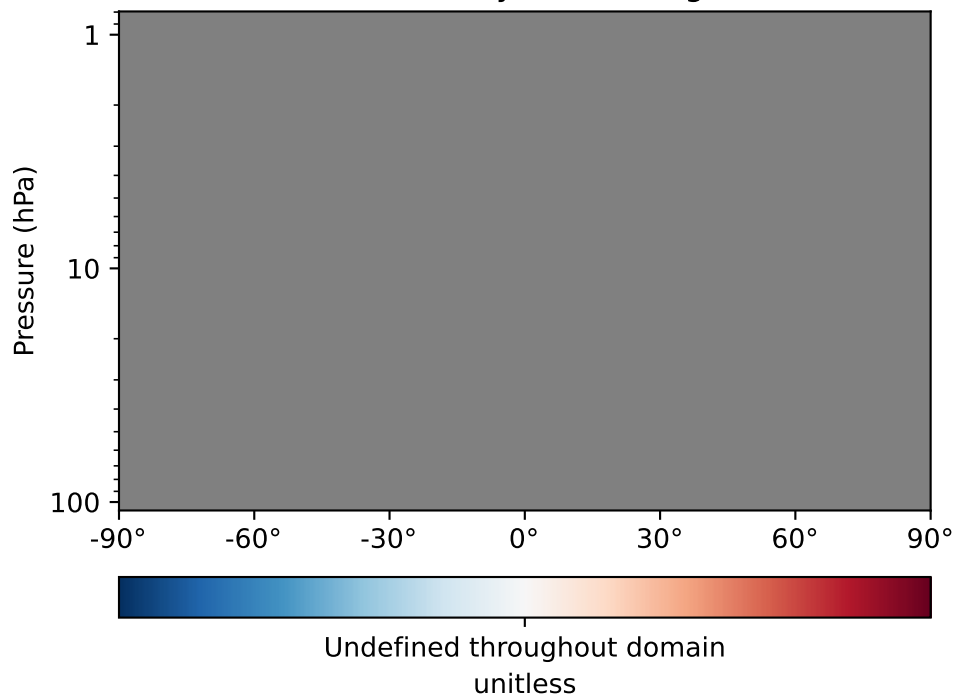
Difference (1x1.25)  
Dev - Ref, Dynamic Range



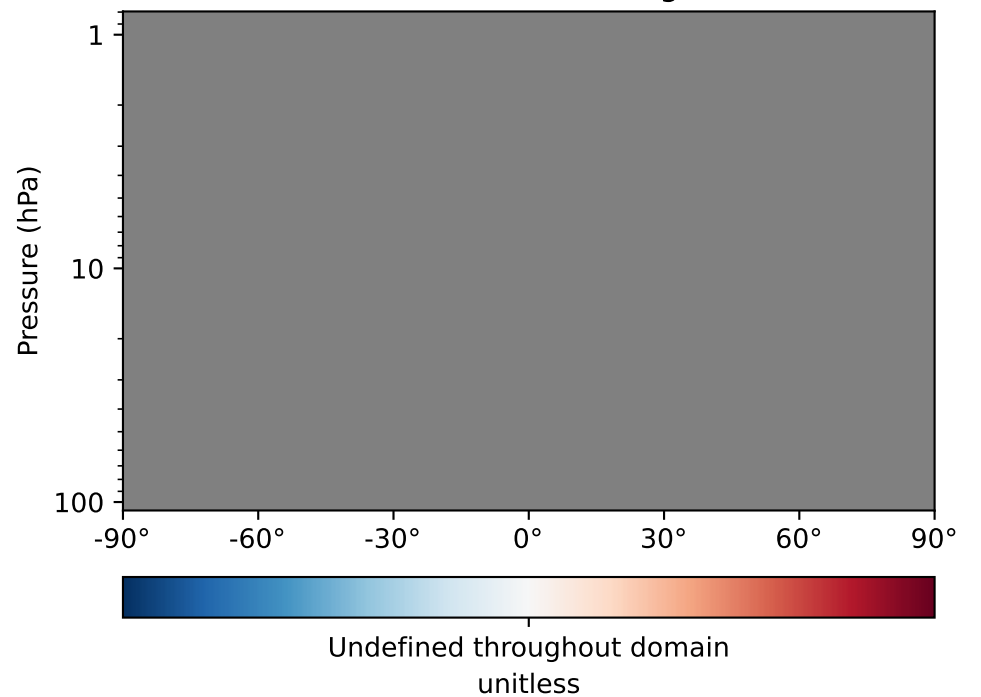
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

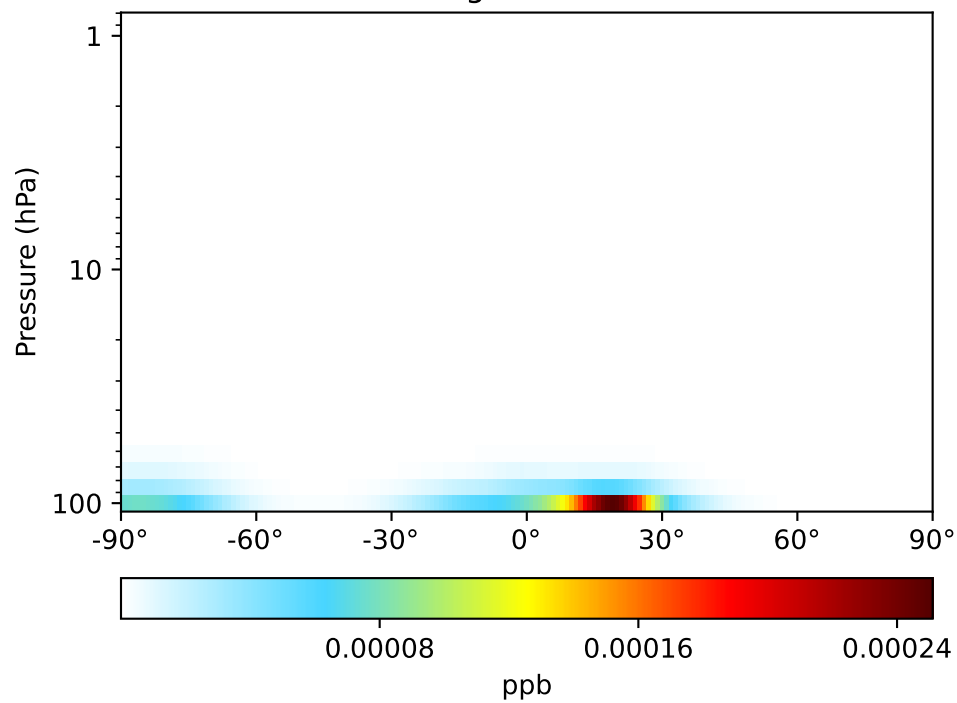


Ratio (1x1.25)  
Dev/Ref, Fixed Range

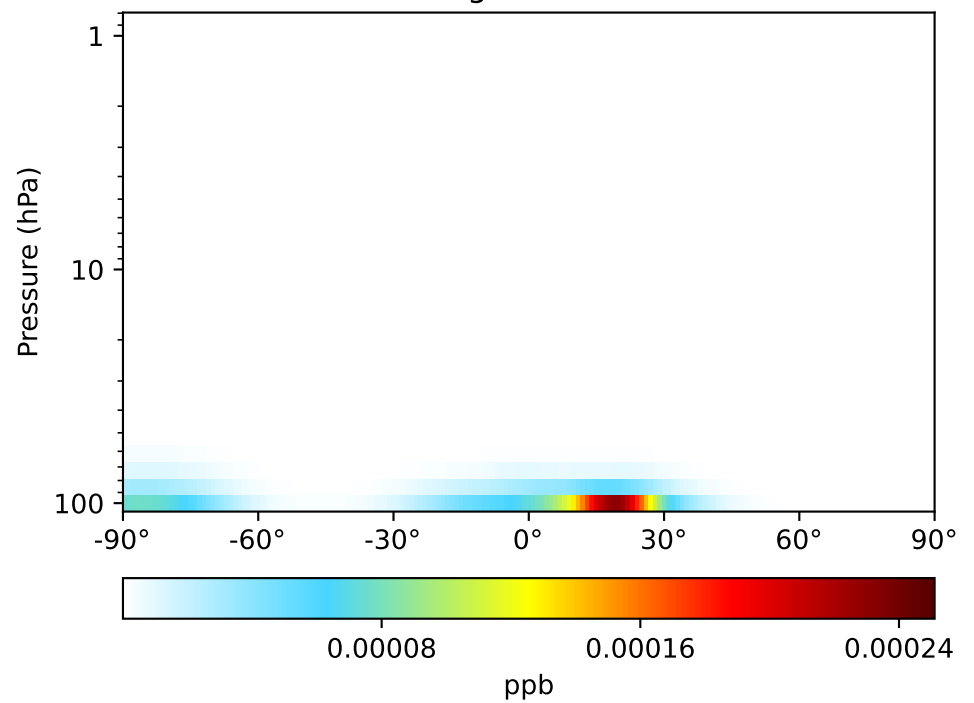


# SpeciesConc\_RCHO, Zonal Mean

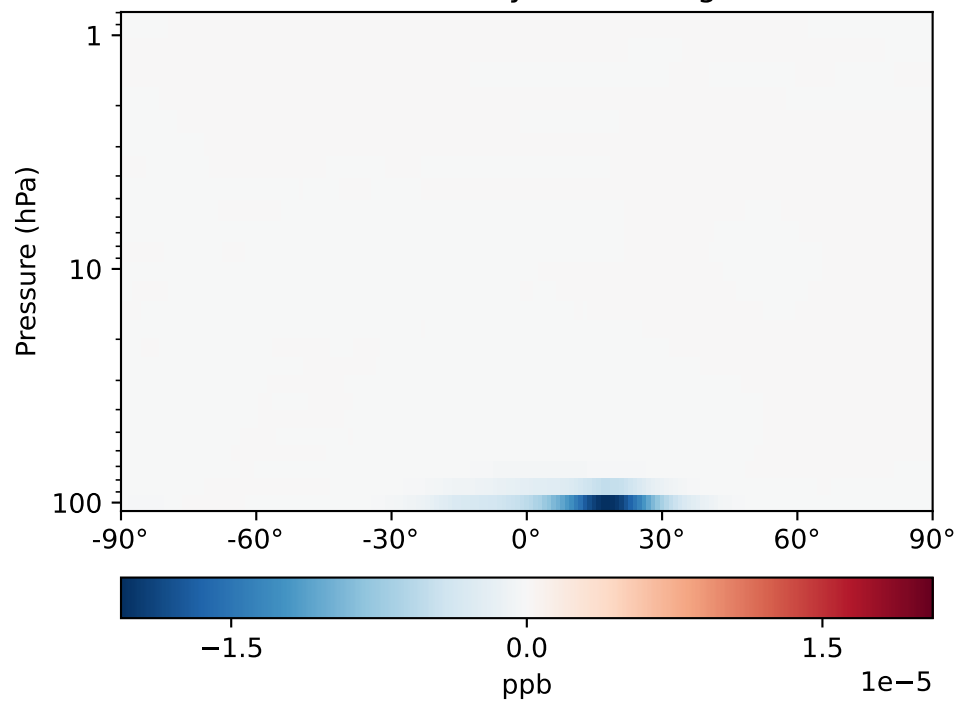
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



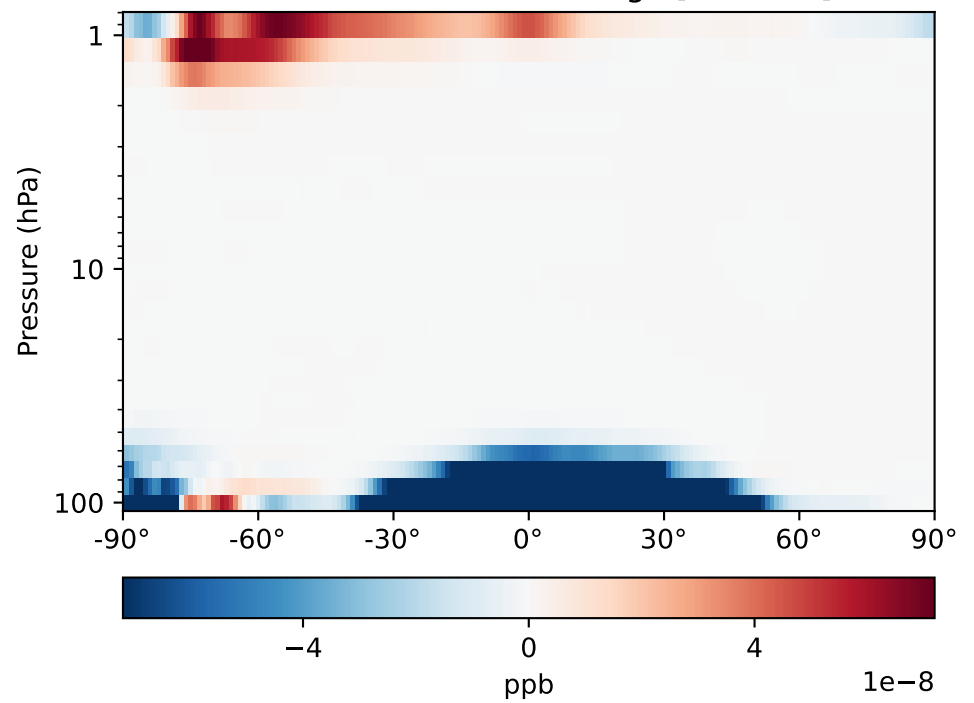
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



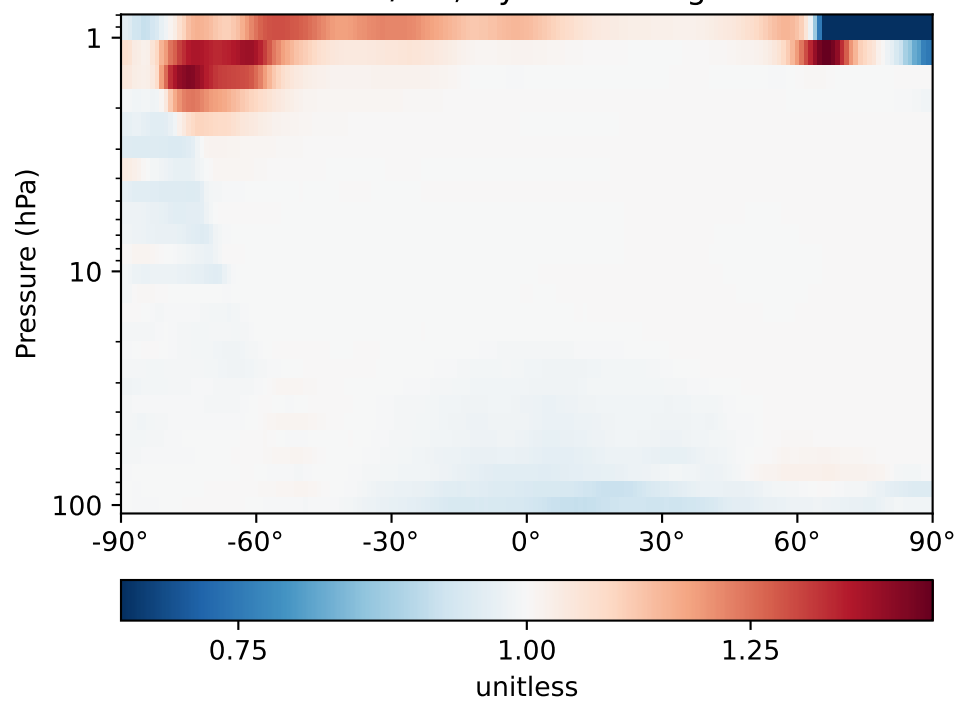
Difference (1x1.25)  
Dev - Ref, Dynamic Range



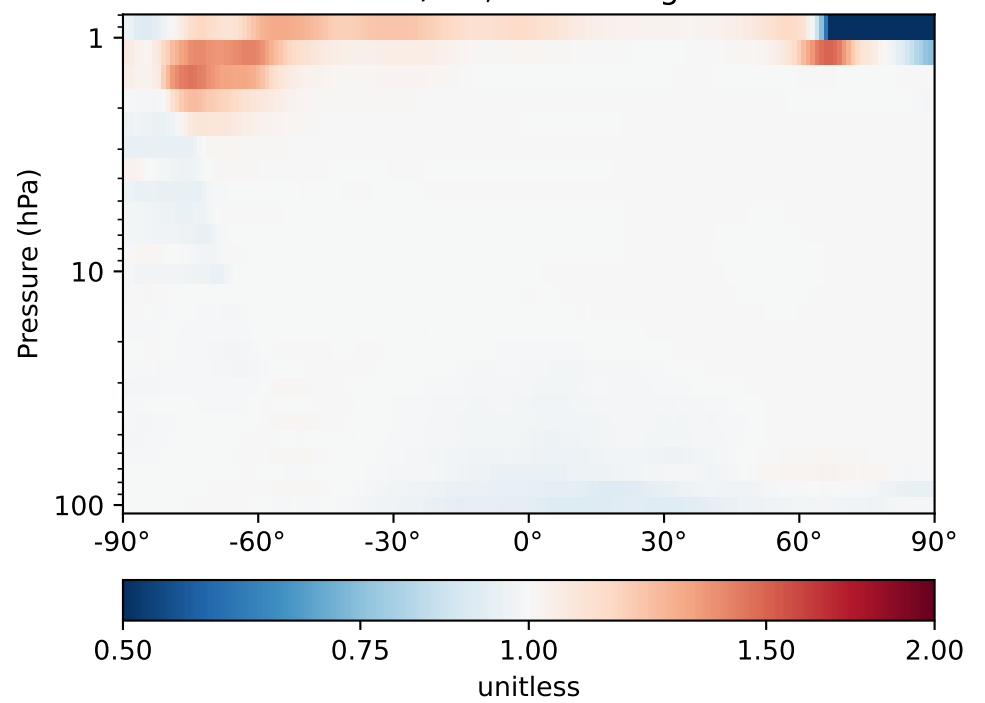
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

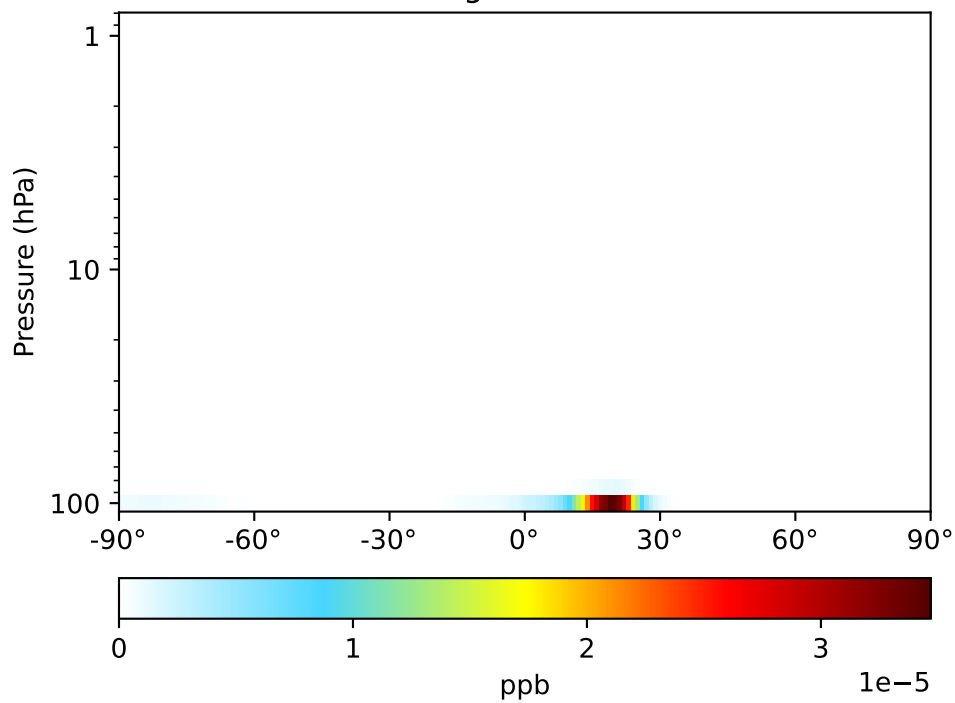


Ratio (1x1.25)  
Dev/Ref, Fixed Range

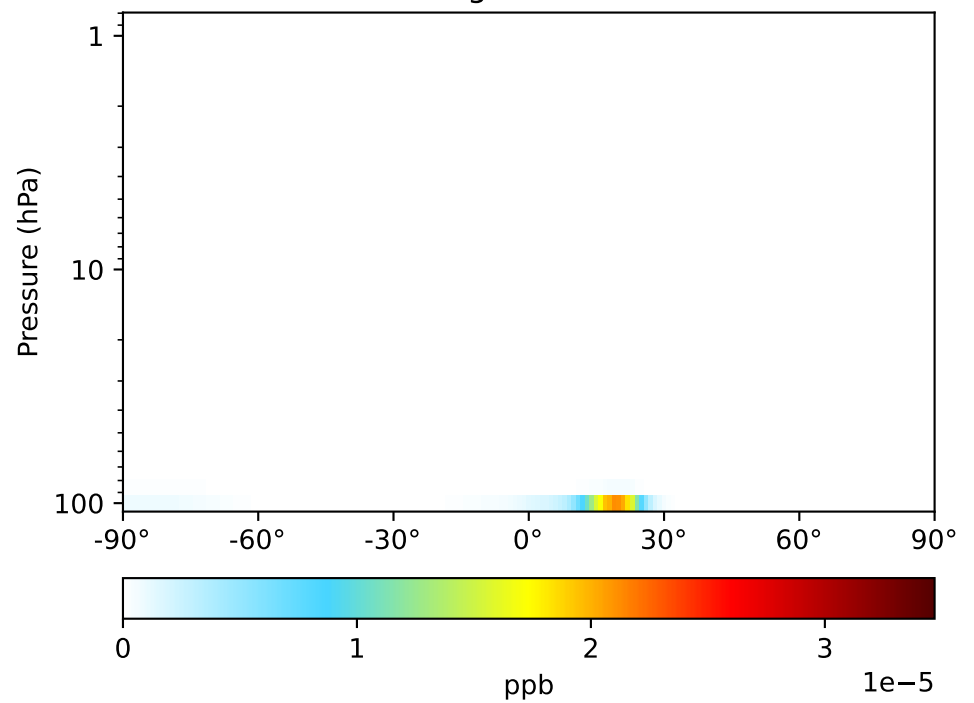


# SpeciesConc\_ETHP, Zonal Mean

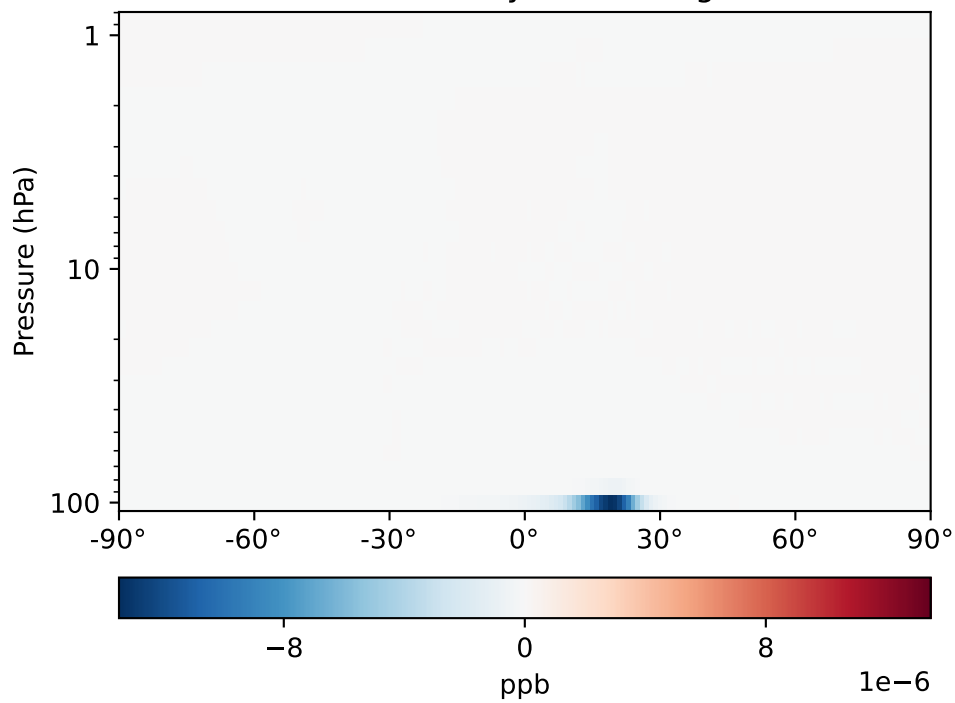
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



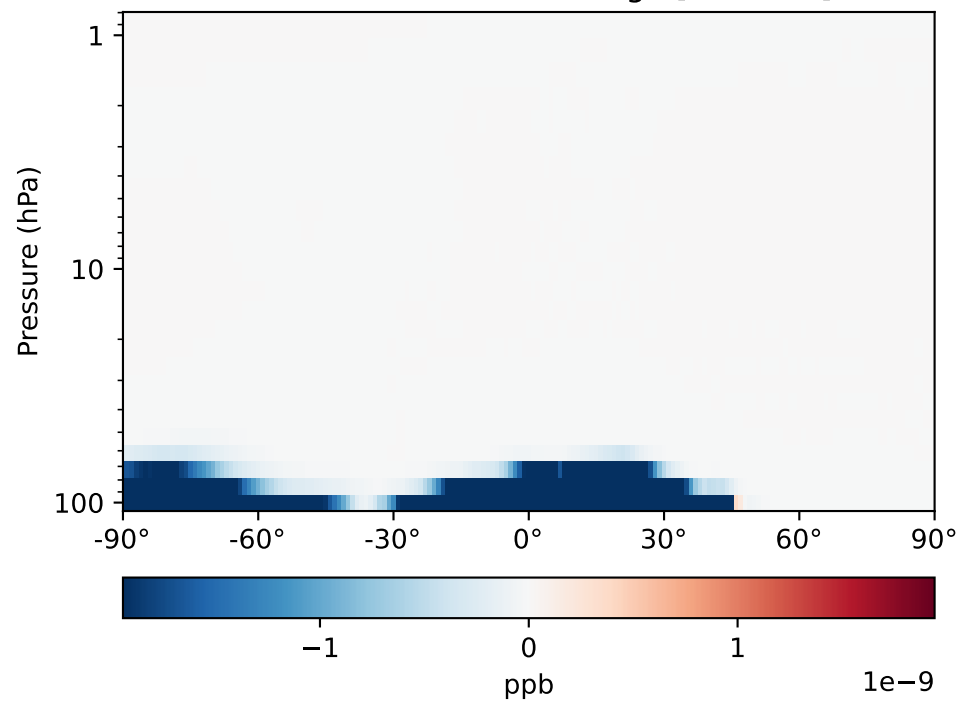
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



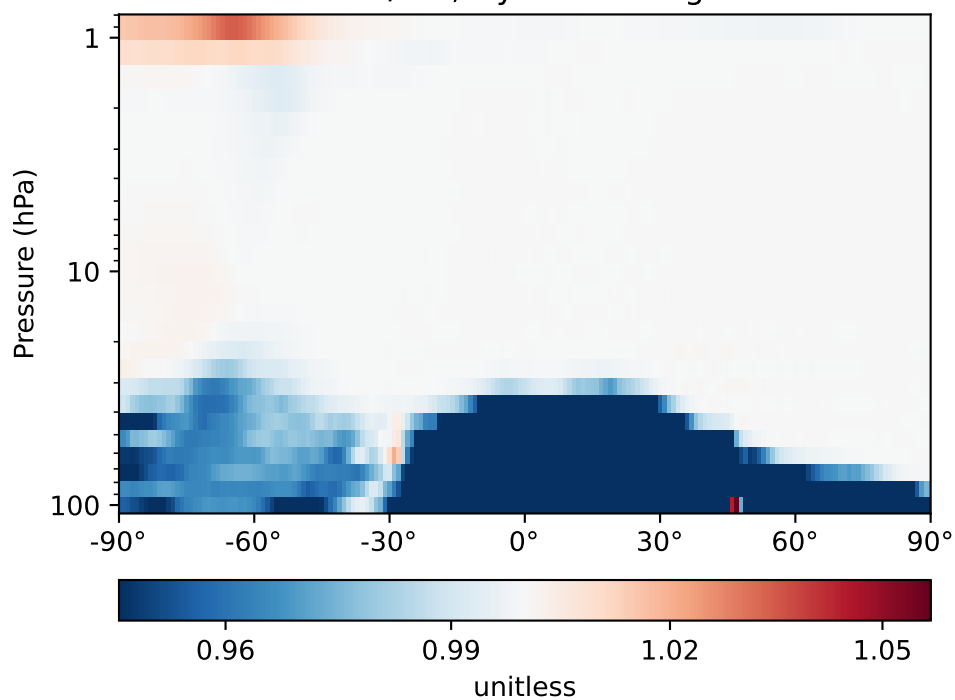
Difference (1x1.25)  
Dev - Ref, Dynamic Range



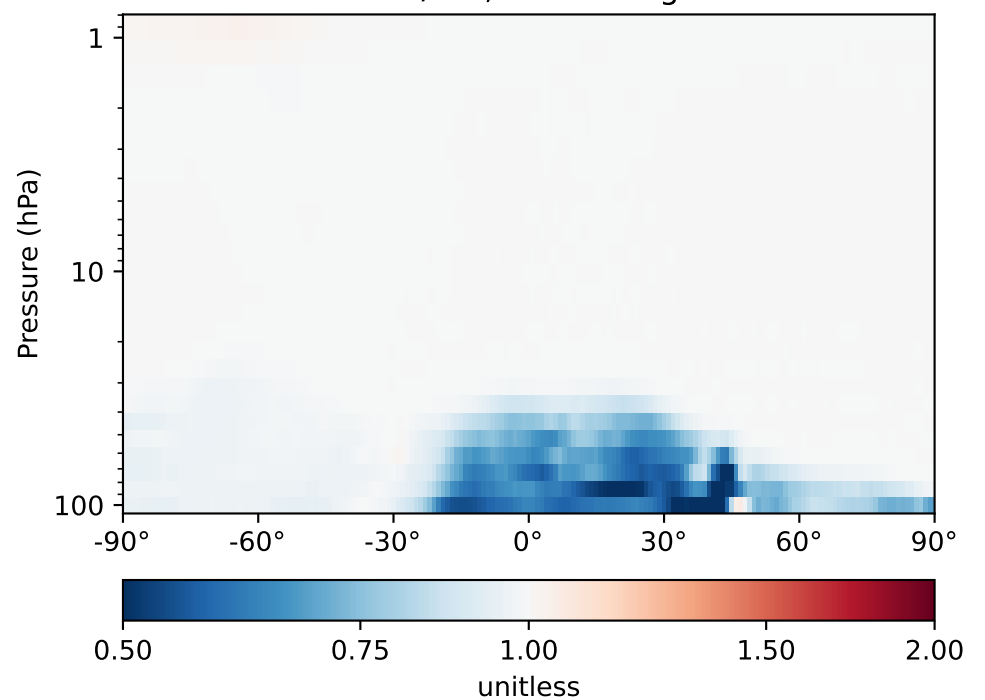
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

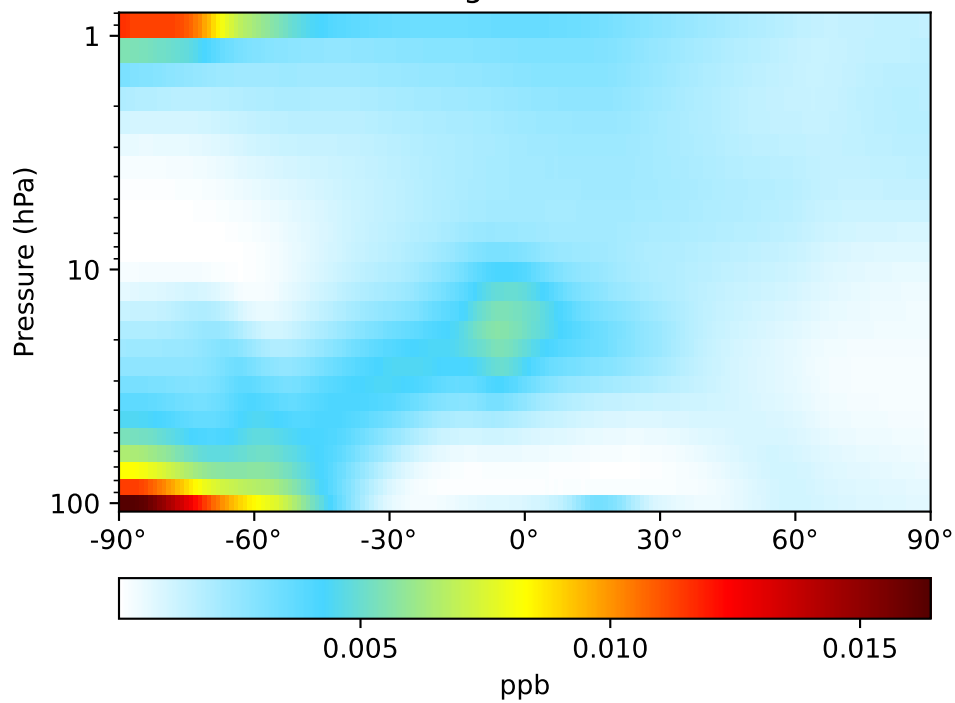


Ratio (1x1.25)  
Dev/Ref, Fixed Range

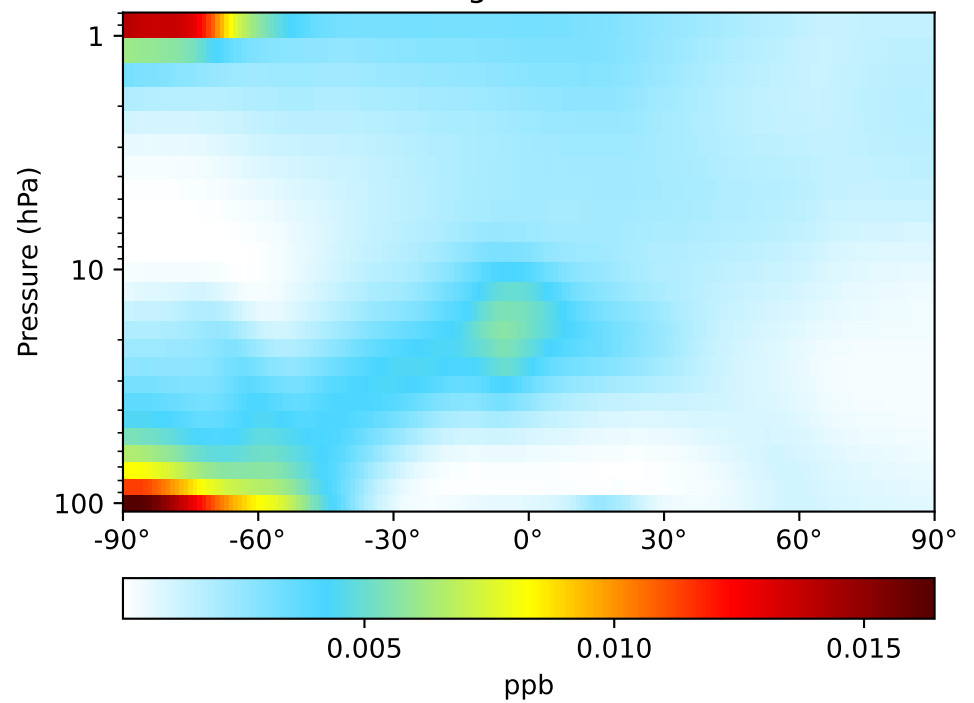


# SpeciesConc\_MP, Zonal Mean

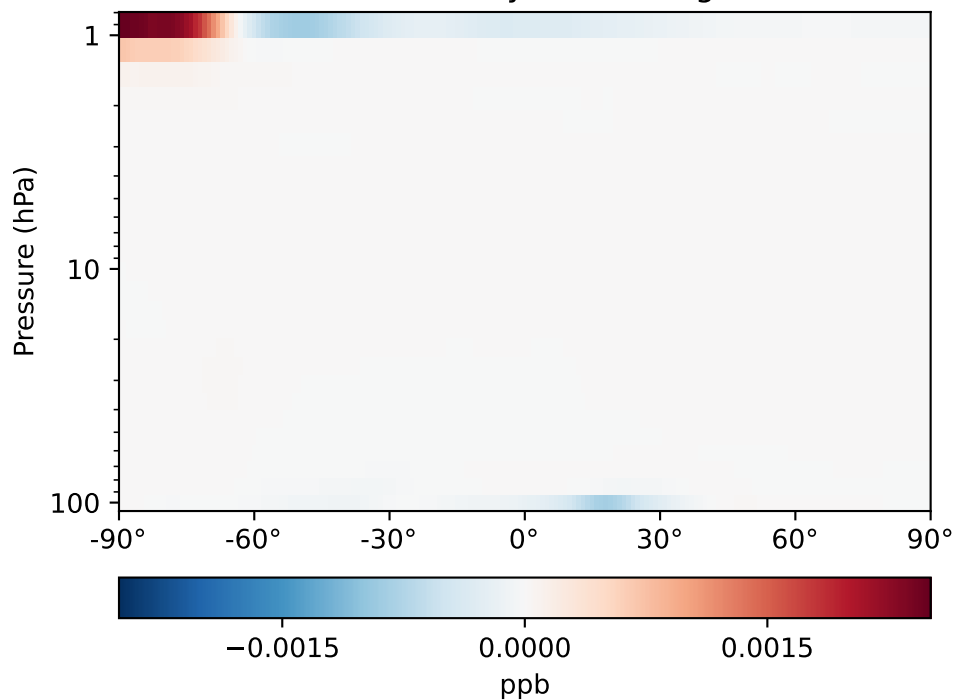
GCHP\_13.3.0-rc.1 (Ref)  
1x1.25 regrided from c48



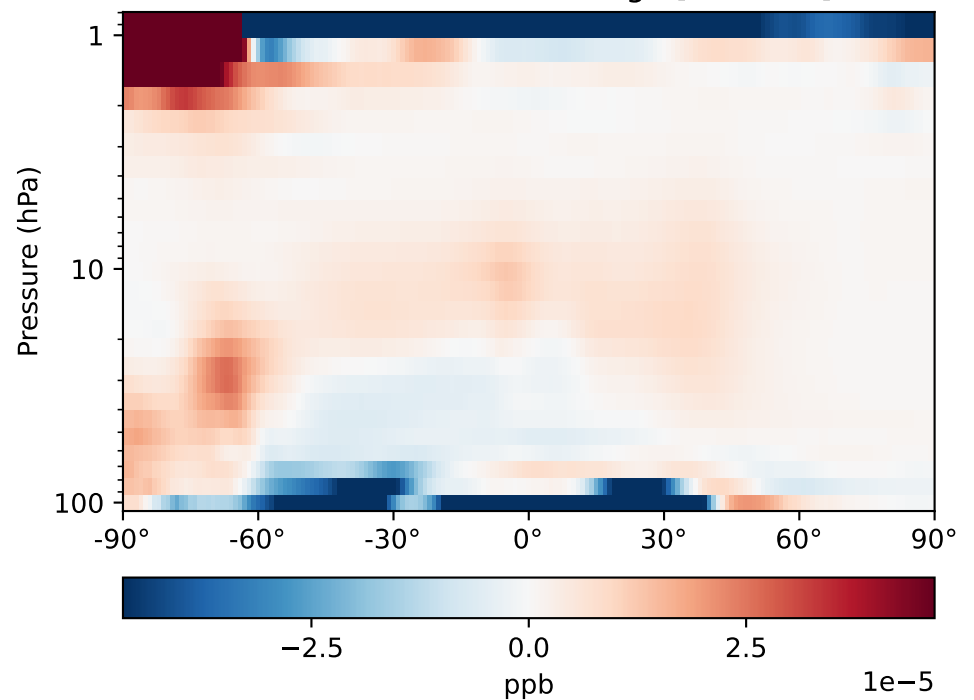
GCHP\_13.4.0-rc.3 (Dev)  
1x1.25 regrided from c48



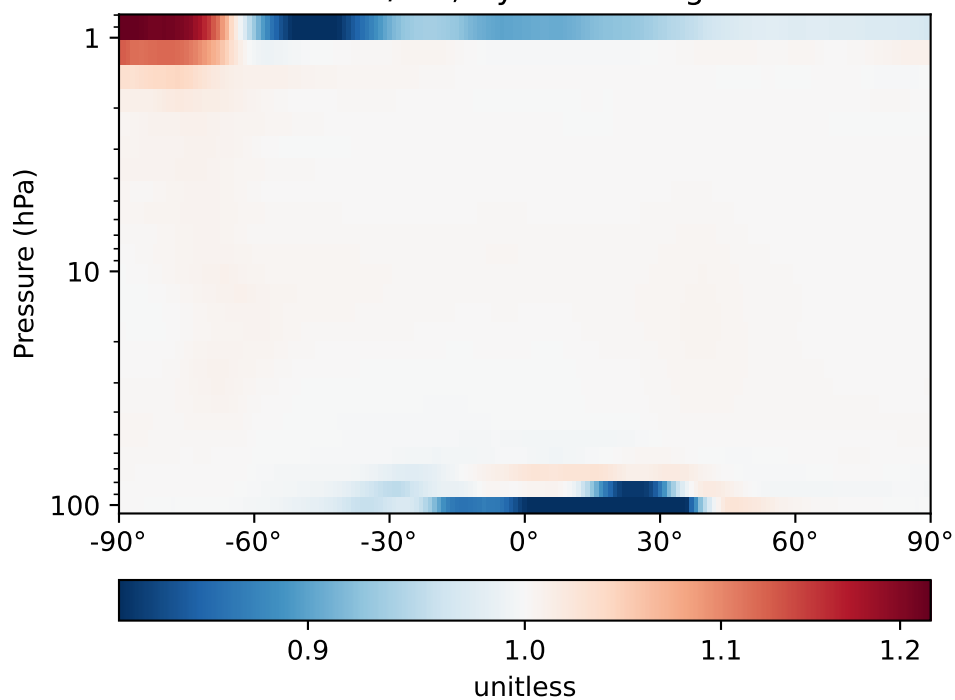
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



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

