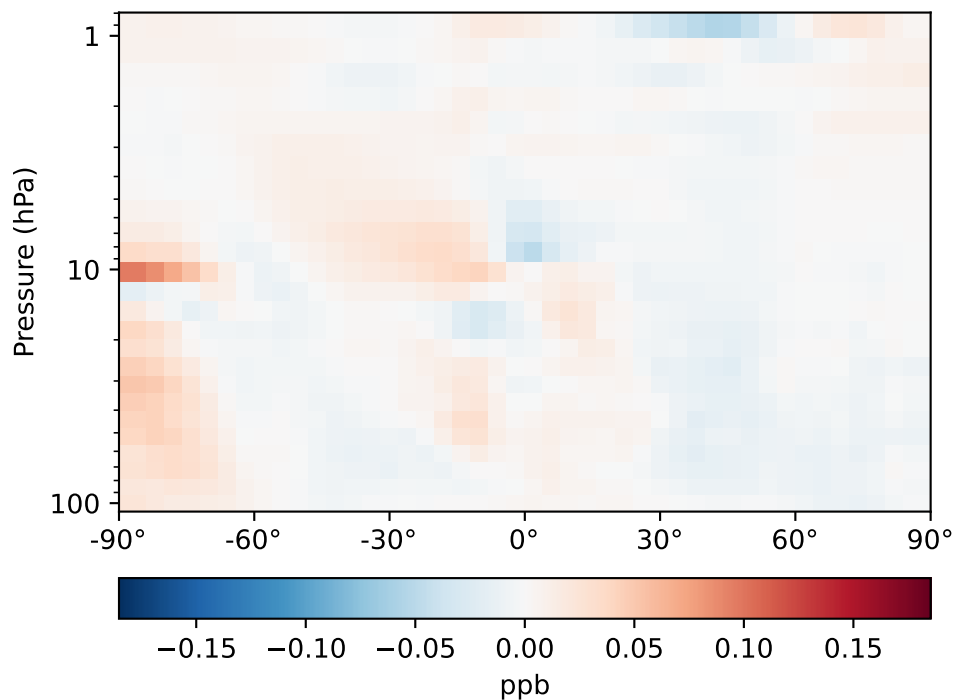
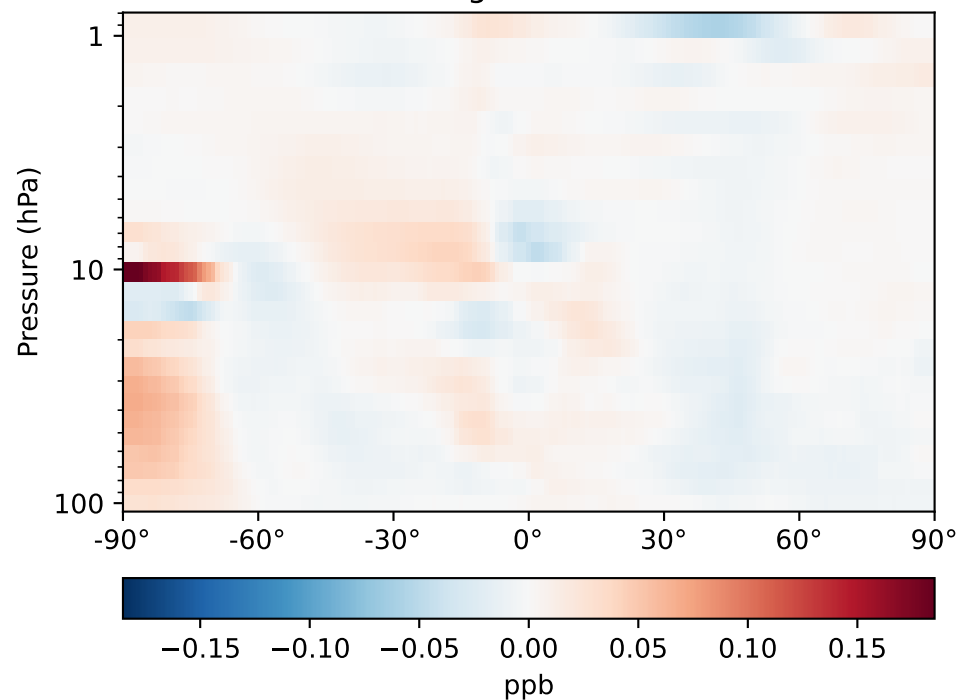


# SpeciesConcVW\_Cly, Zonal Mean

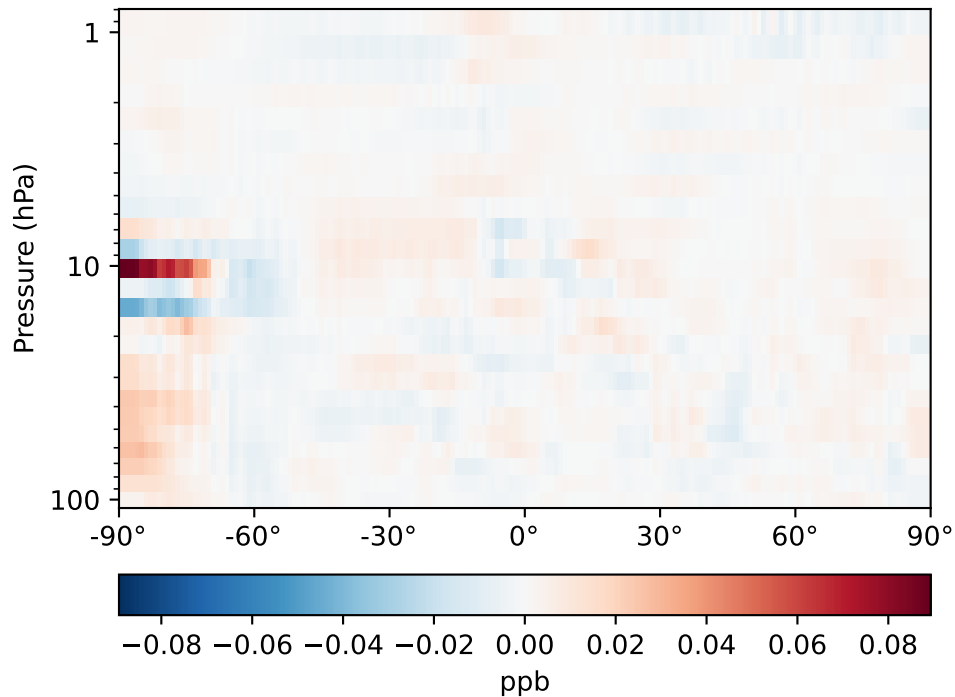
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



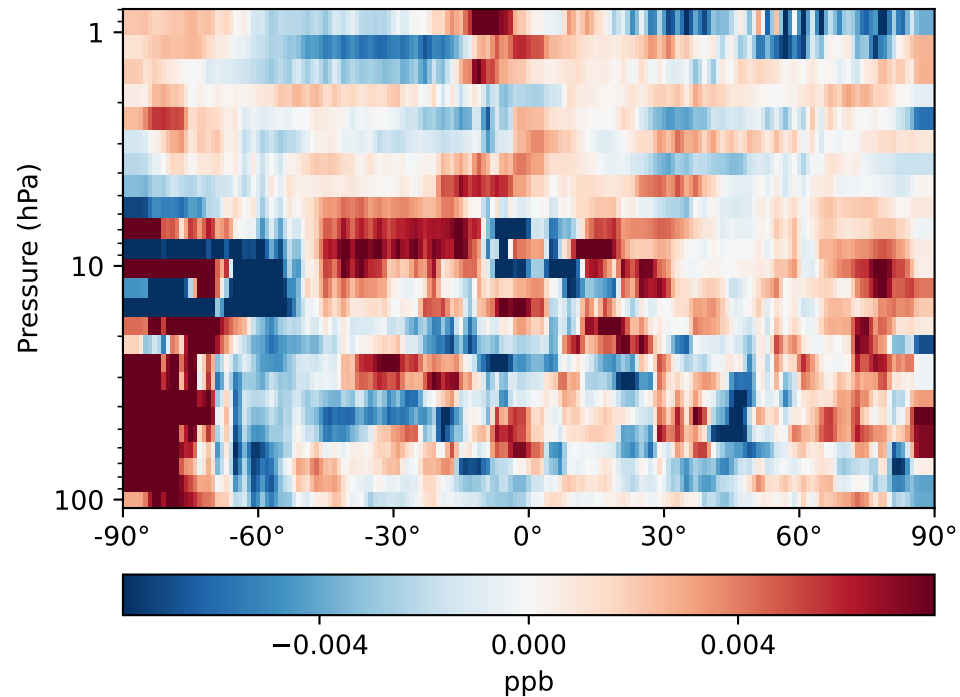
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regridged from c24



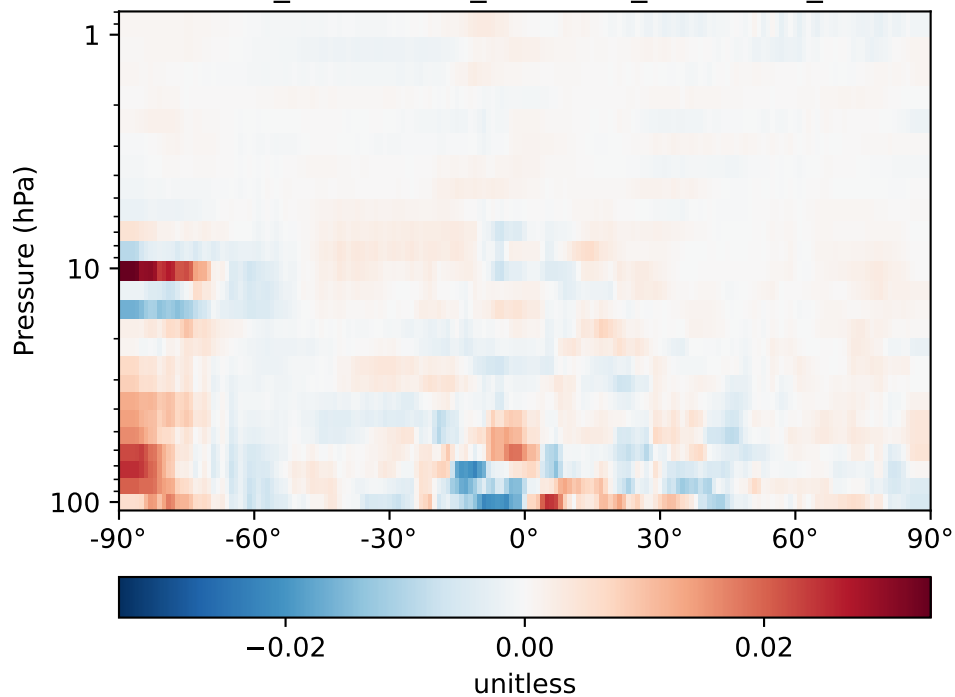
Difference (1x1.25)  
Dev - Ref, Dynamic Range



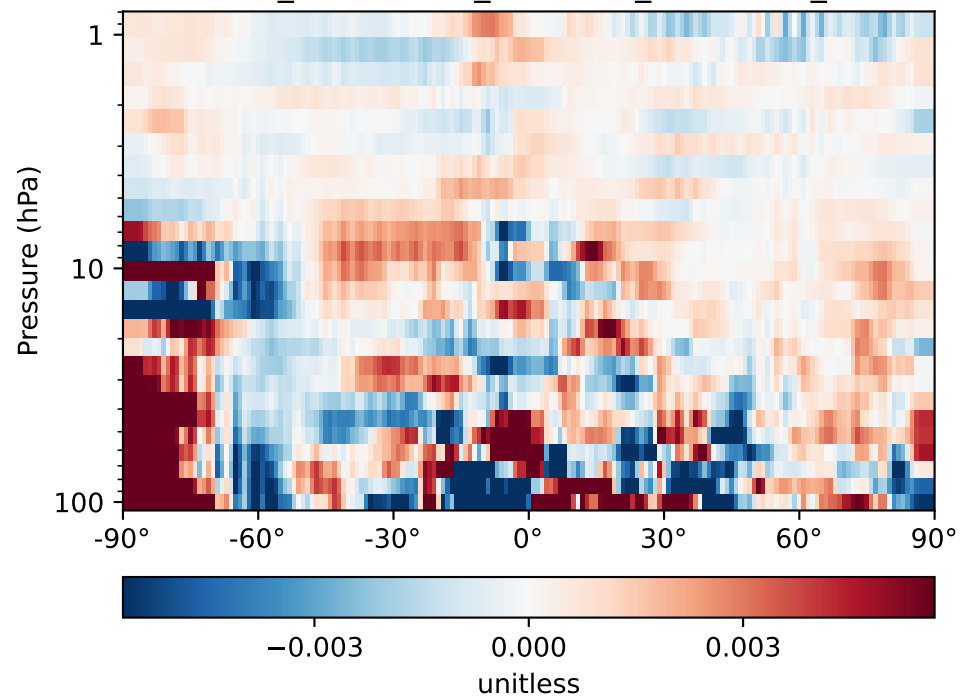
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

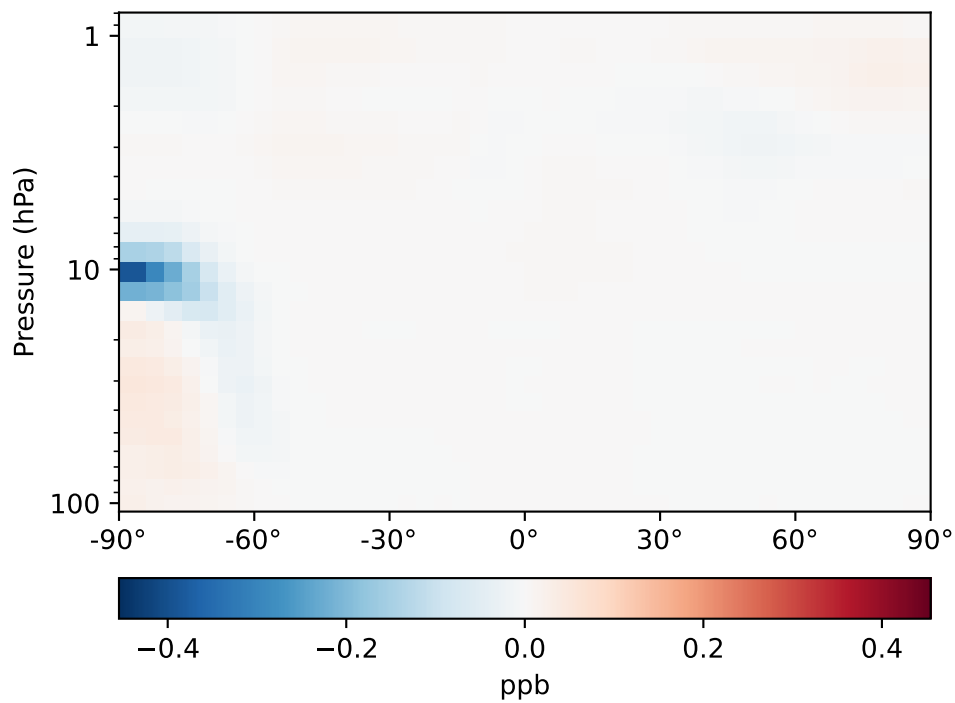


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

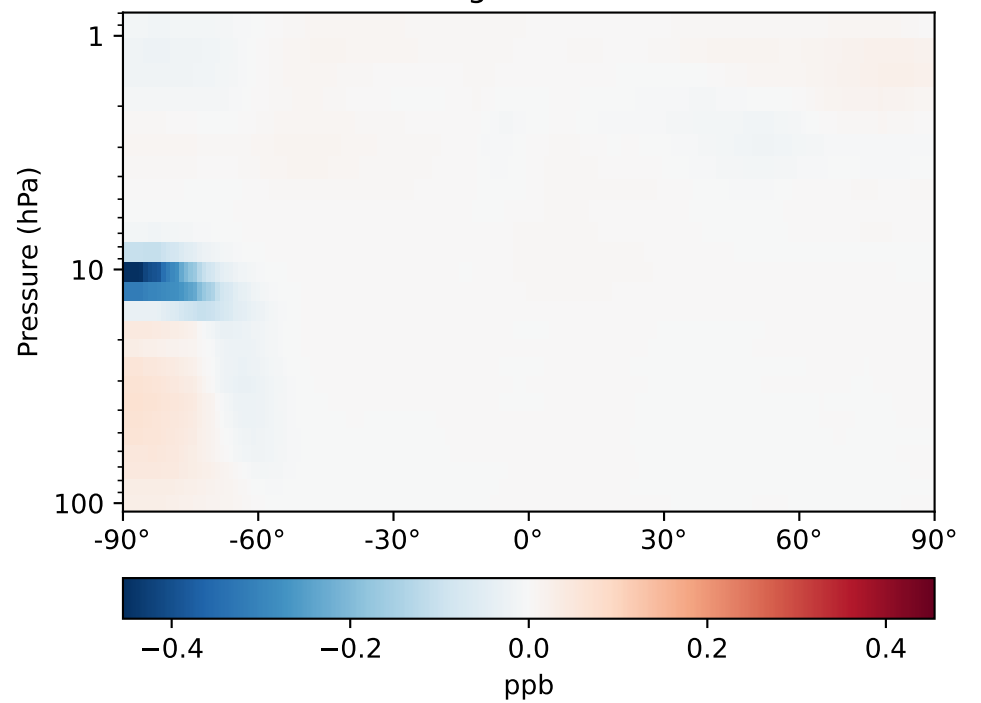


# SpeciesConcVV\_ClOx, Zonal Mean

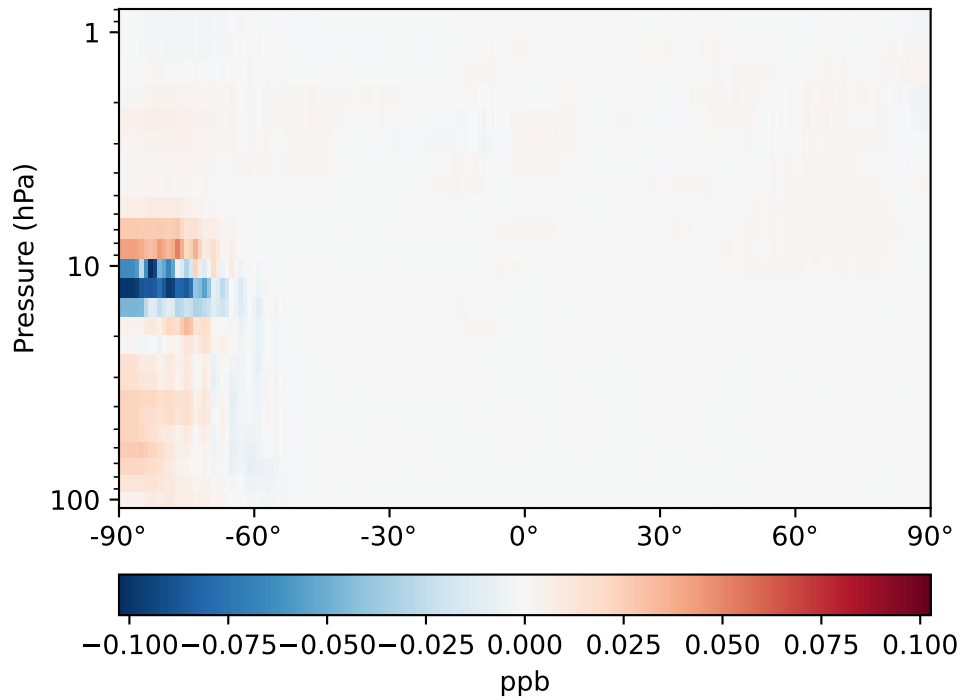
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



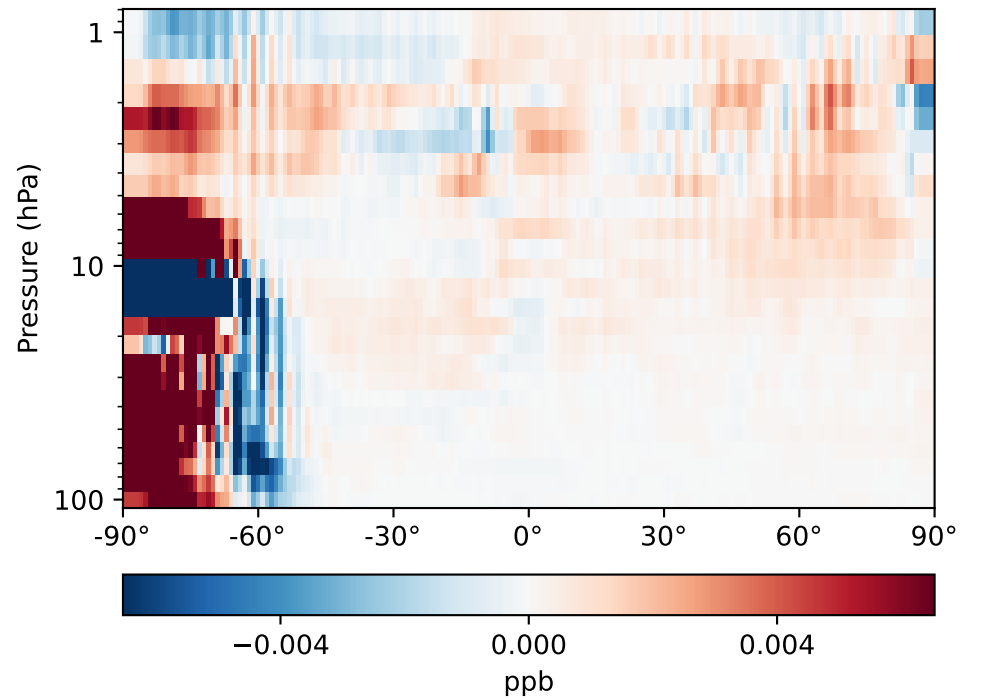
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



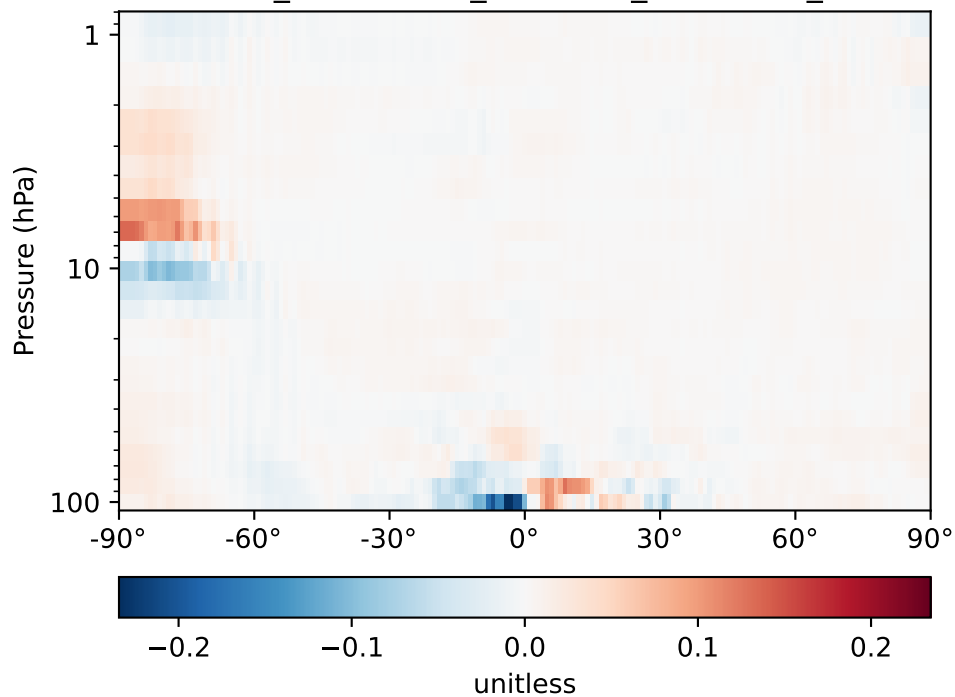
Difference (1x1.25)  
Dev - Ref, Dynamic Range



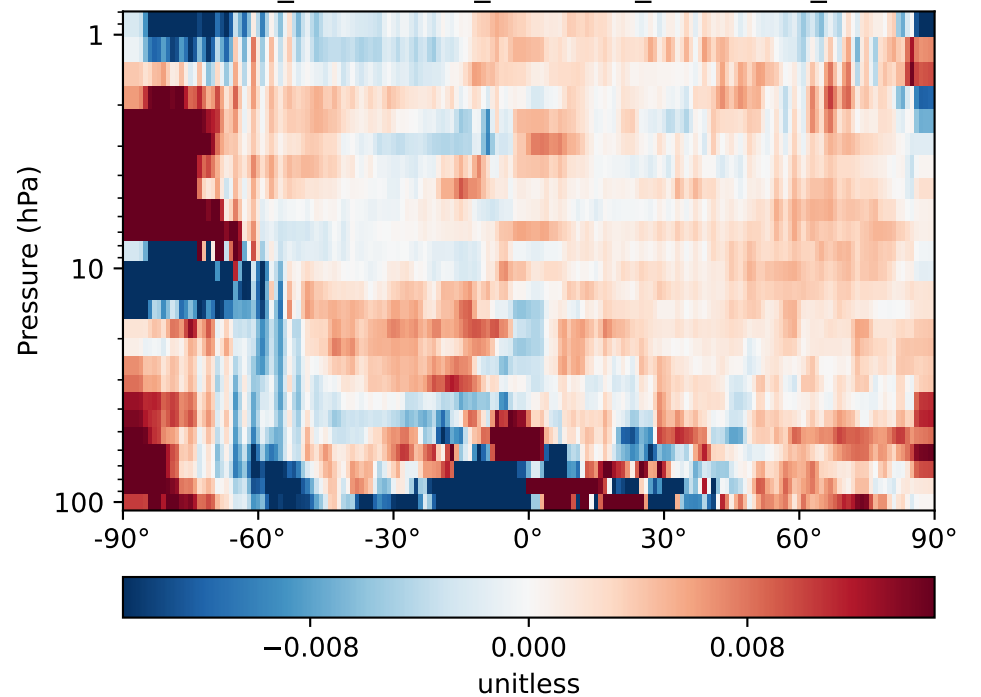
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

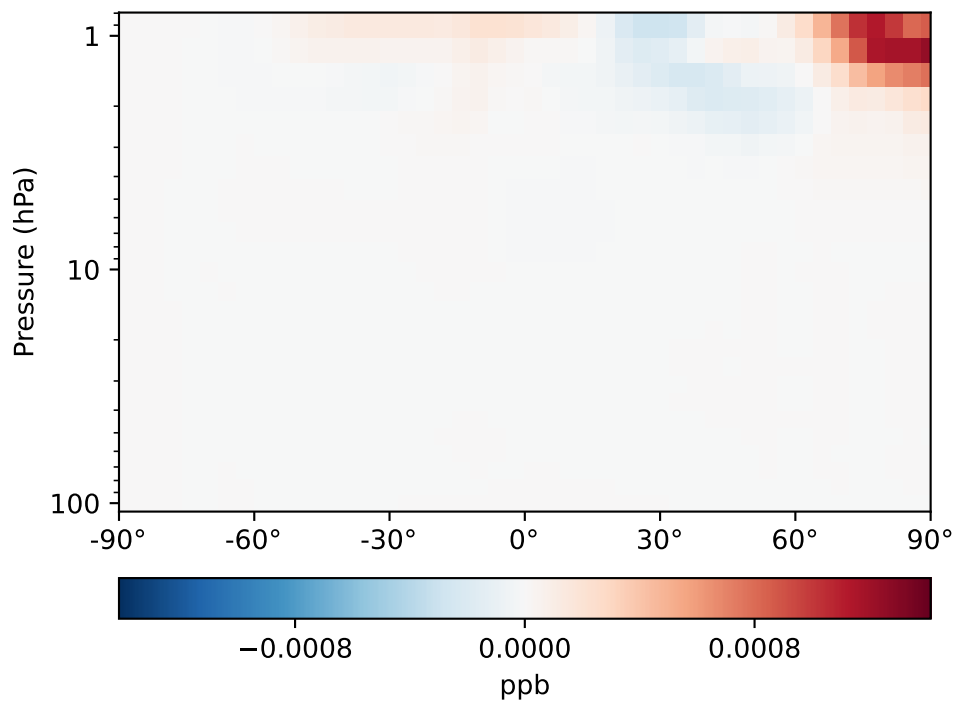


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

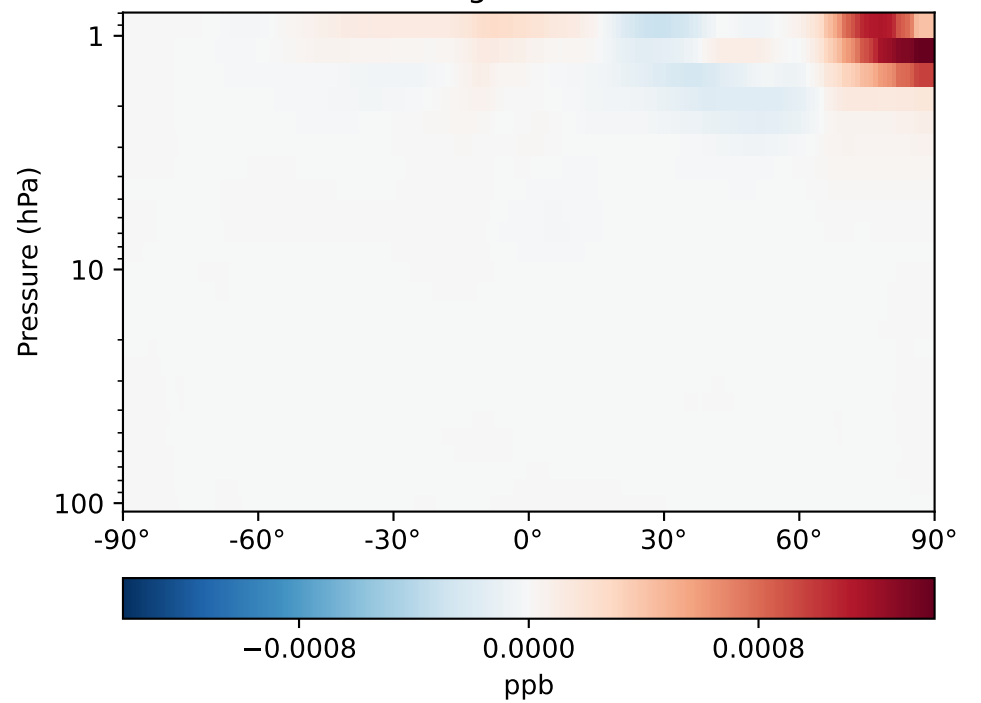


# SpeciesConcVV\_Cl, Zonal Mean

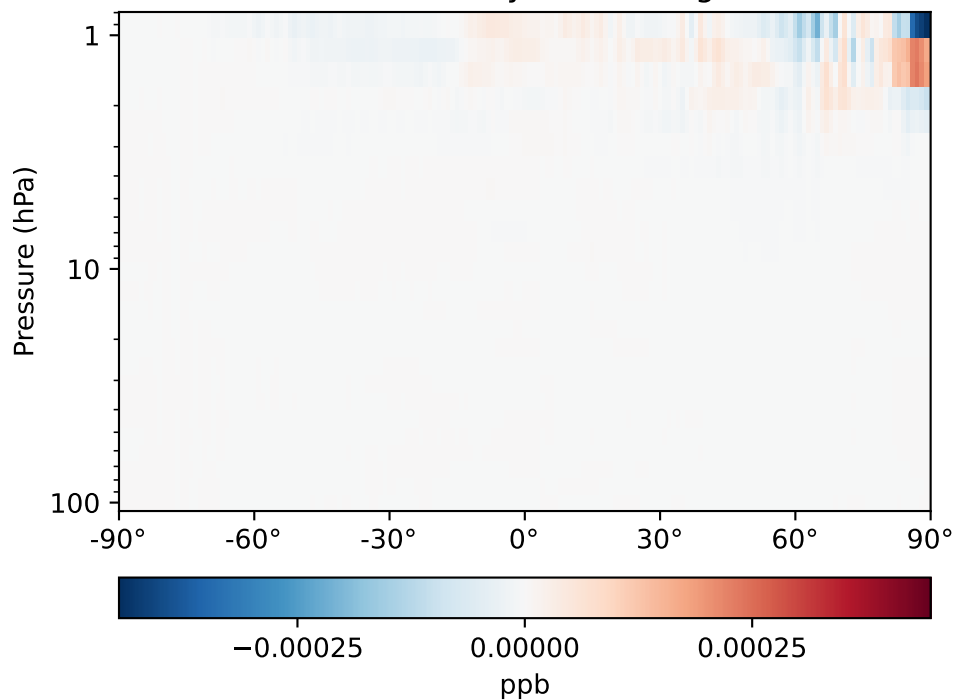
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



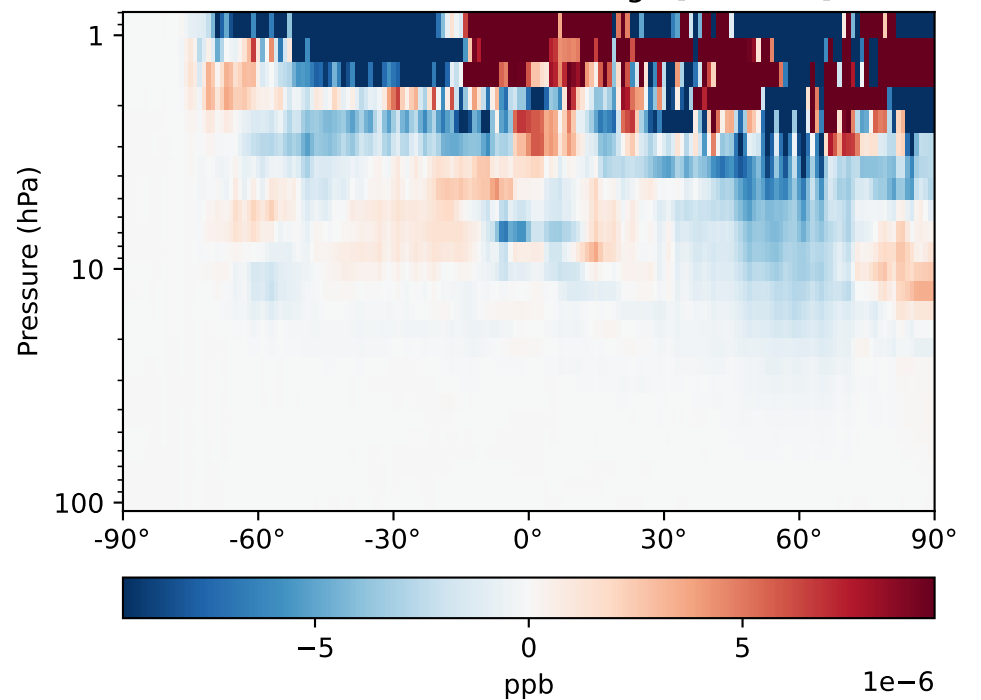
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



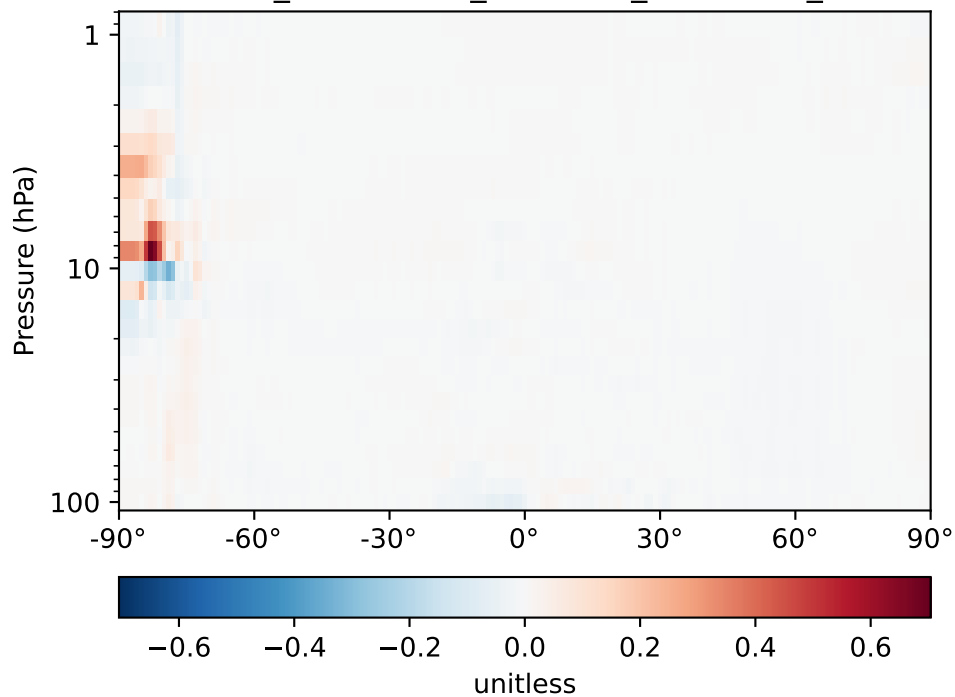
Difference (1x1.25)  
Dev - Ref, Dynamic Range



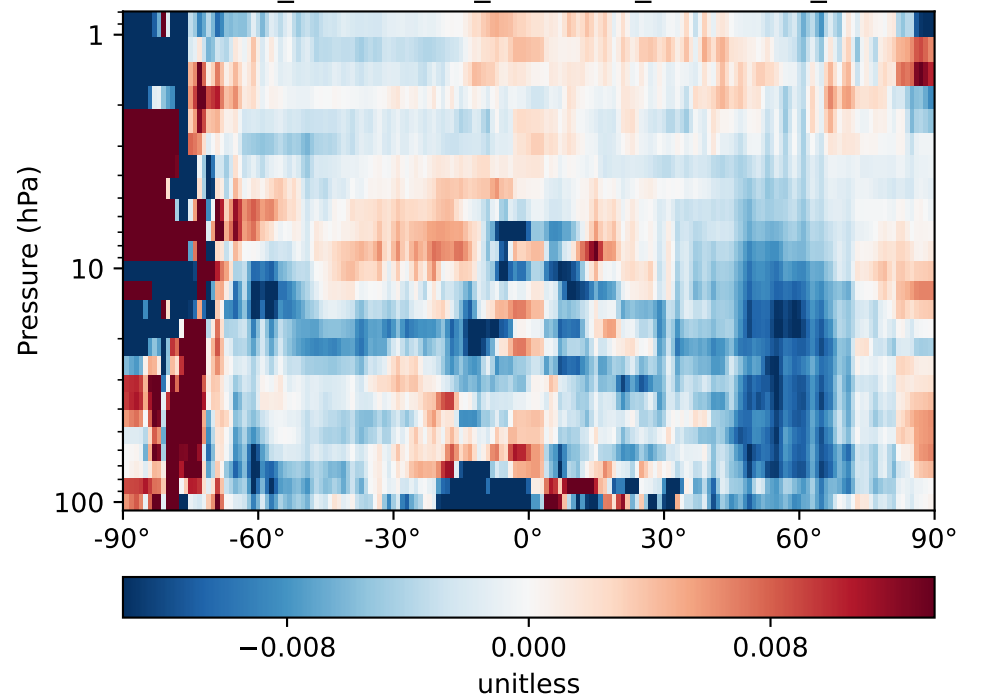
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

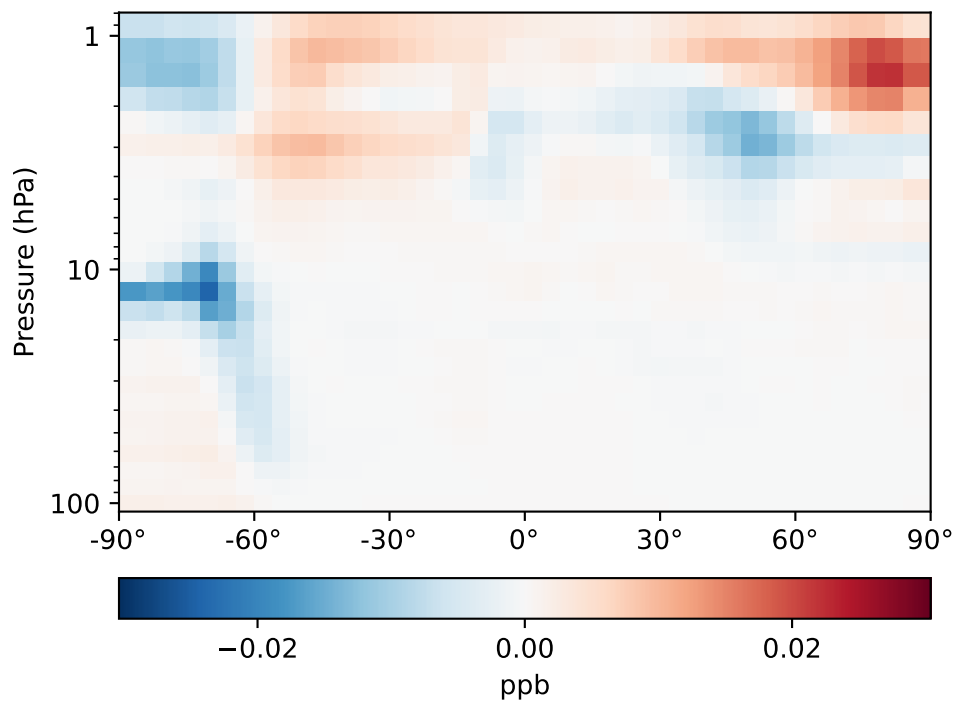


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

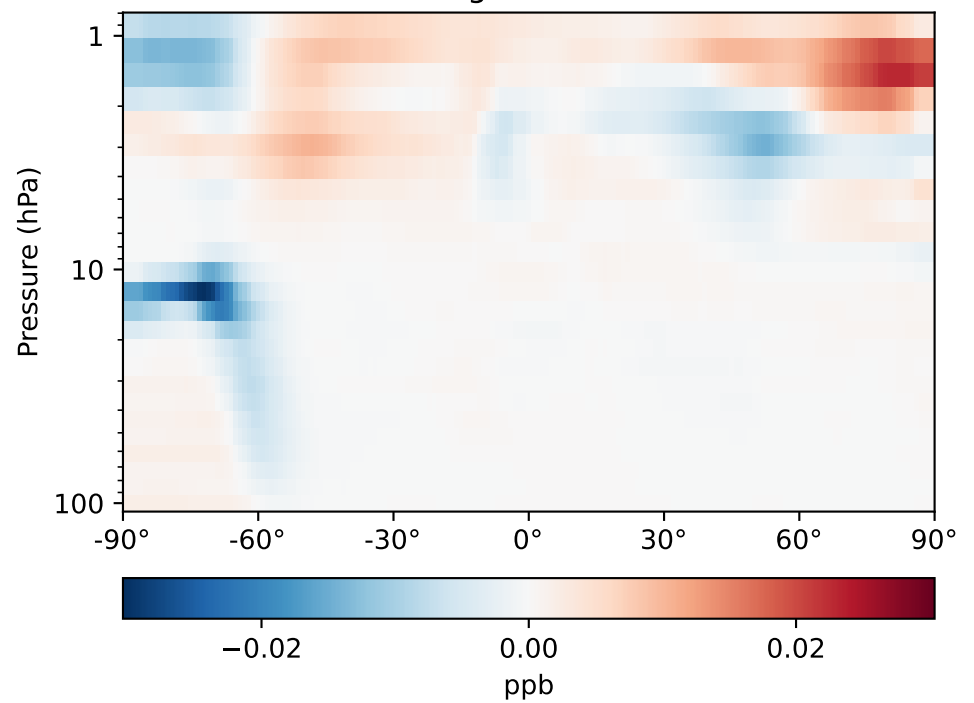


# SpeciesConcVV\_CIO, Zonal Mean

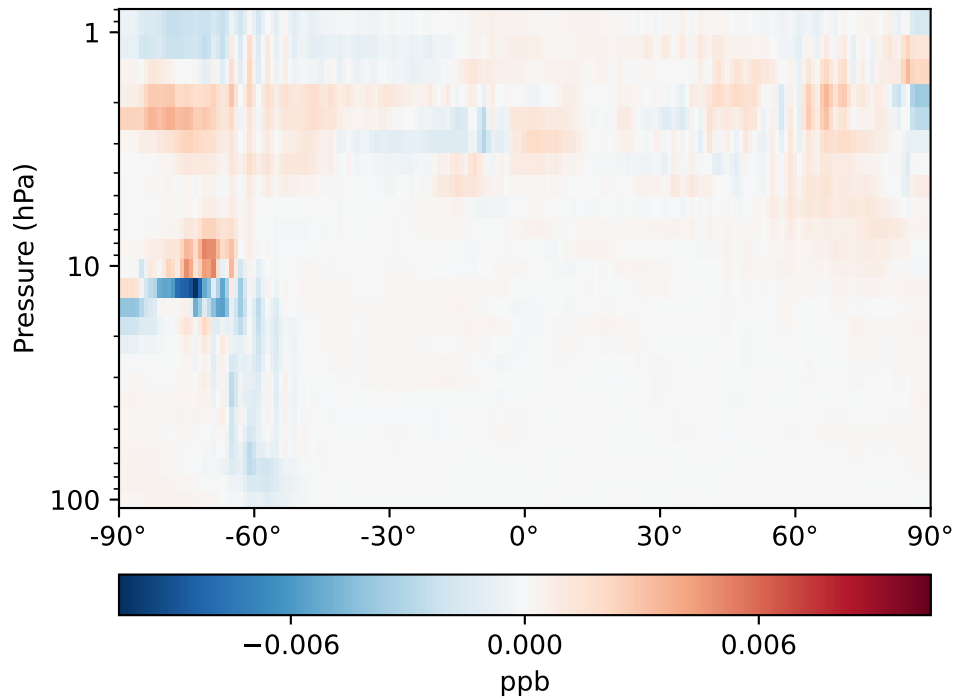
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



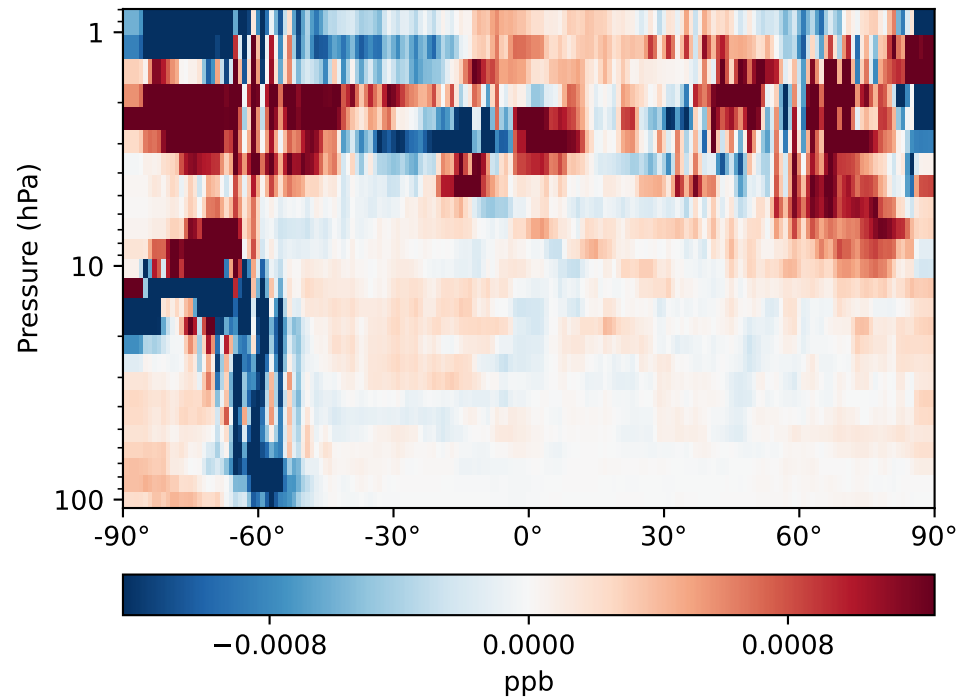
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



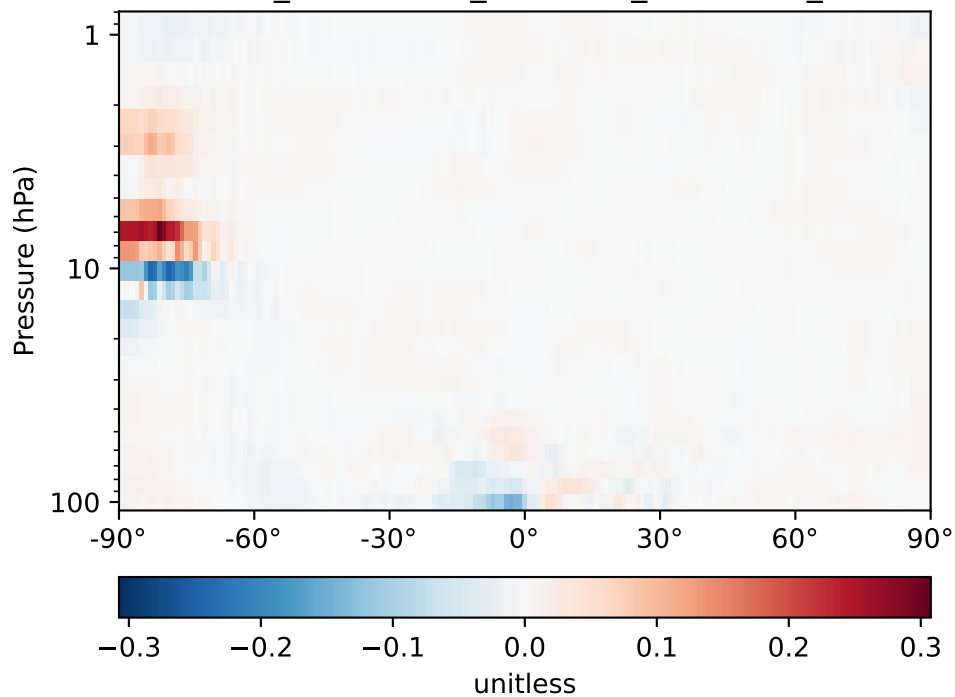
Difference (1x1.25)  
Dev - Ref, Dynamic Range



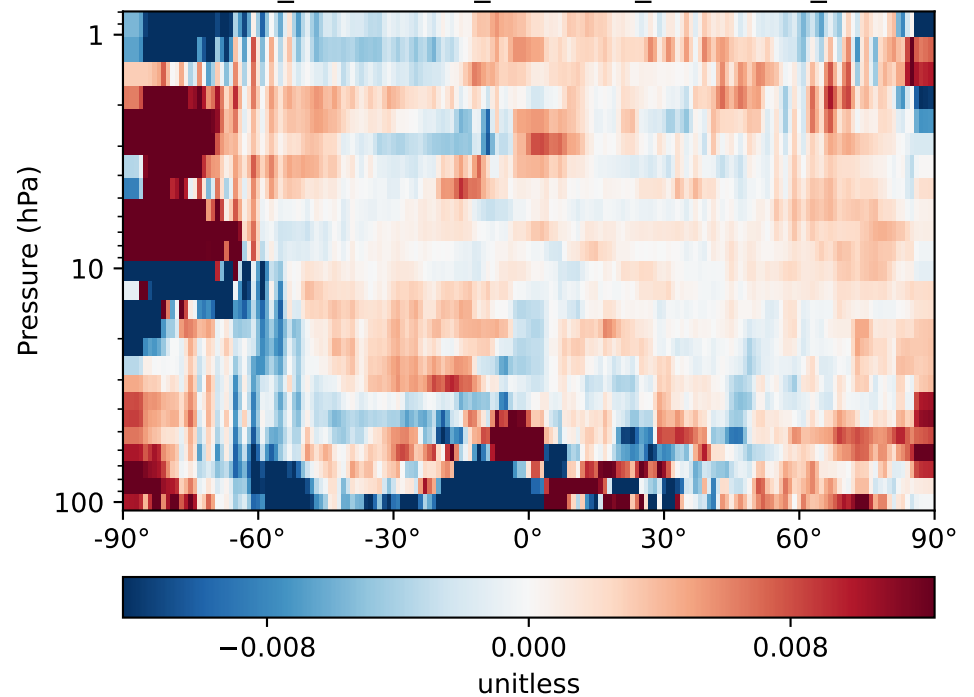
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

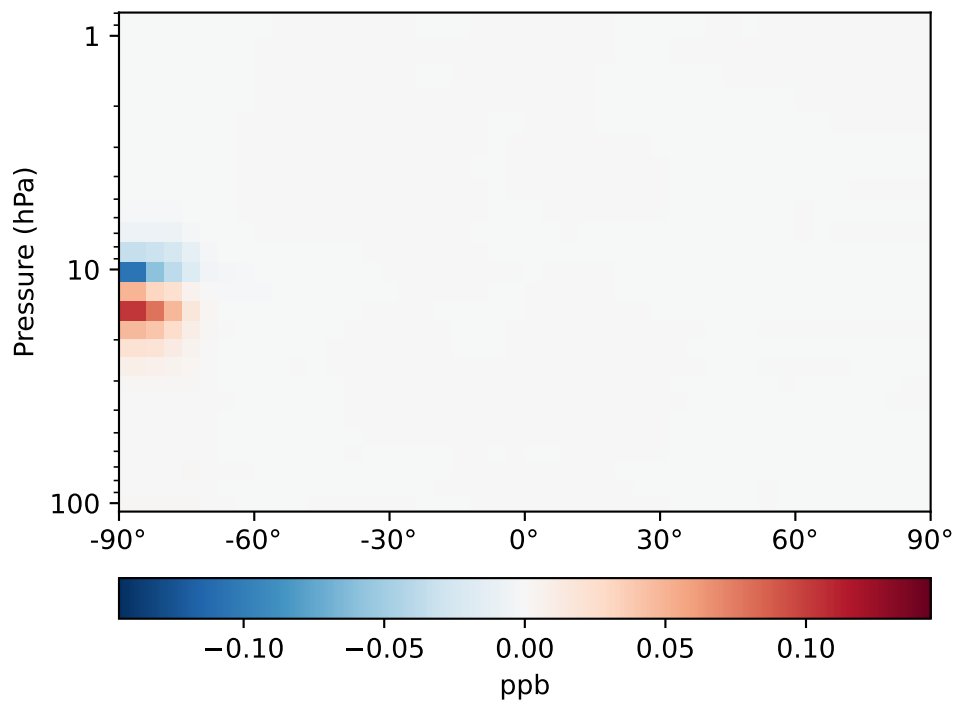


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

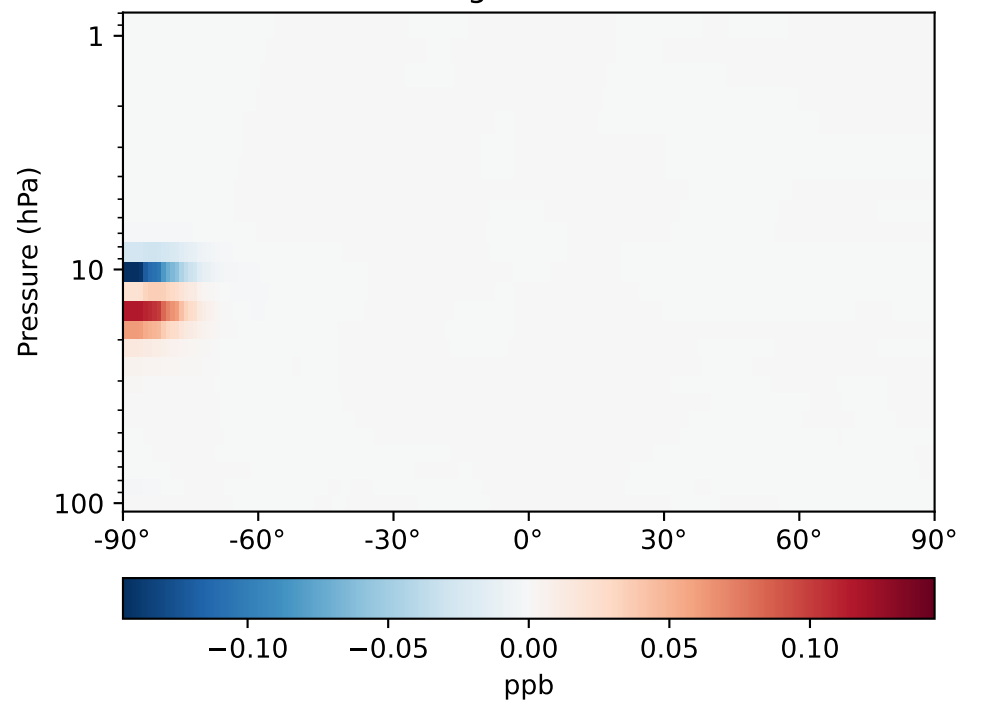


# SpeciesConcVW\_Cl2, Zonal Mean

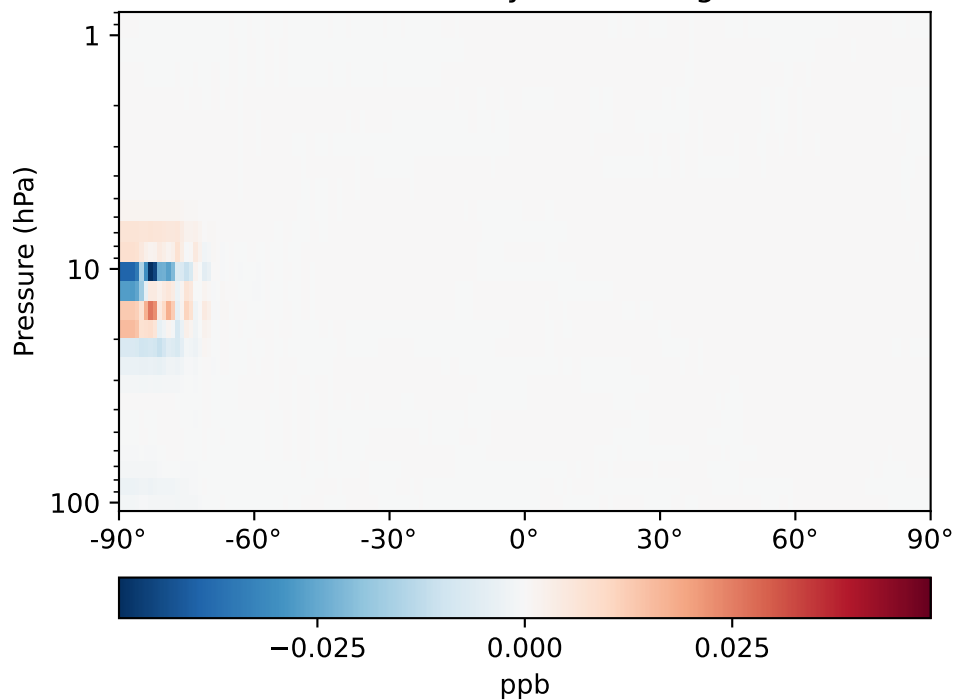
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



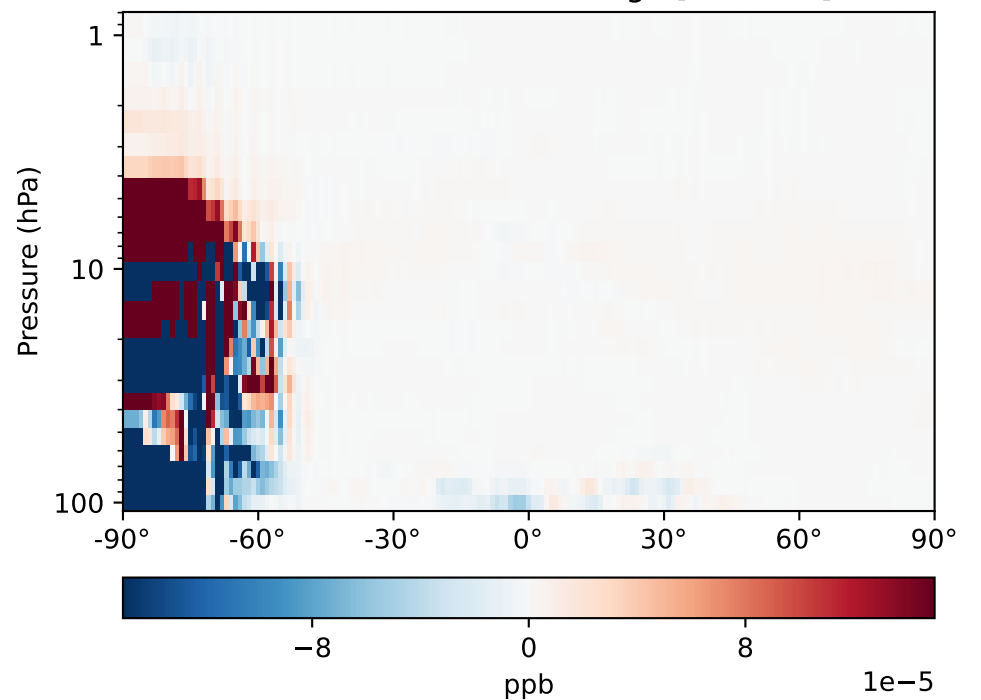
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



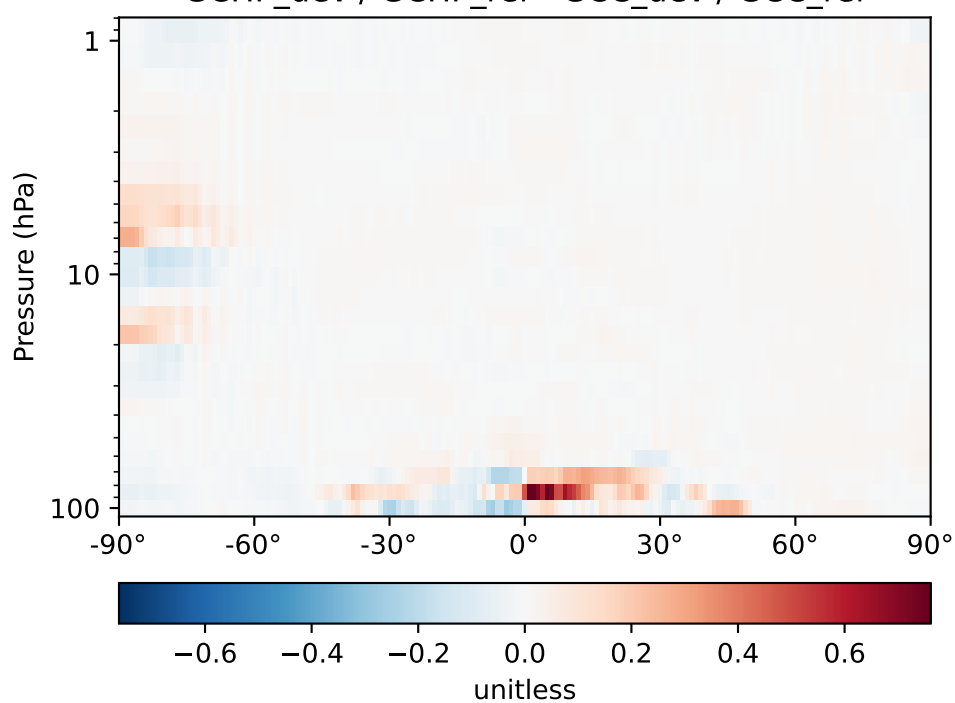
Difference (1x1.25)  
Dev - Ref, Dynamic Range



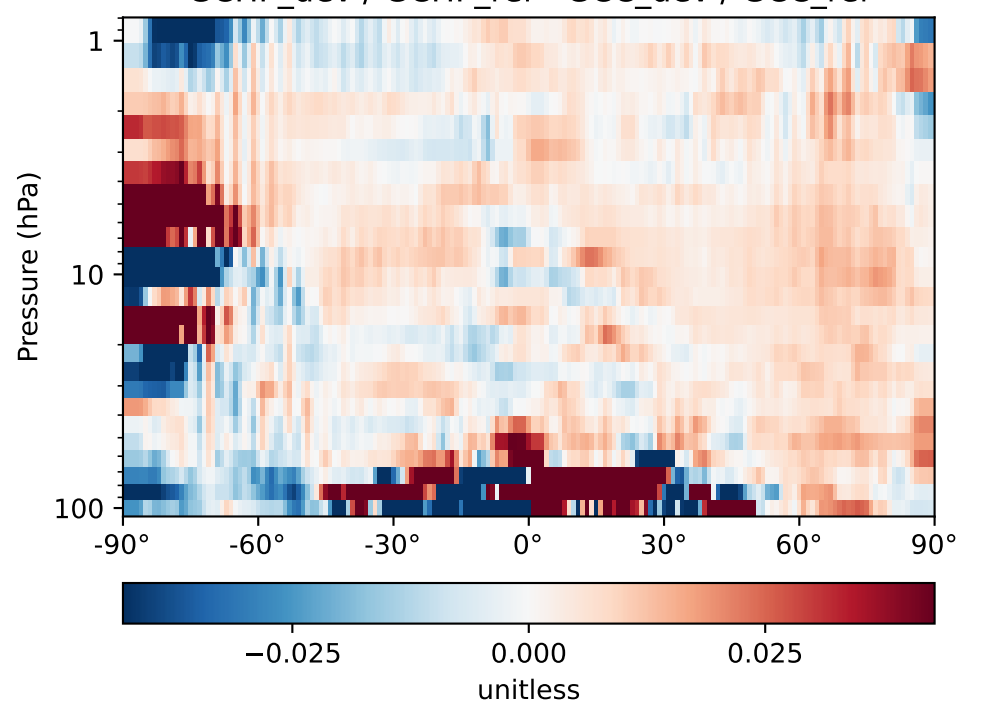
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

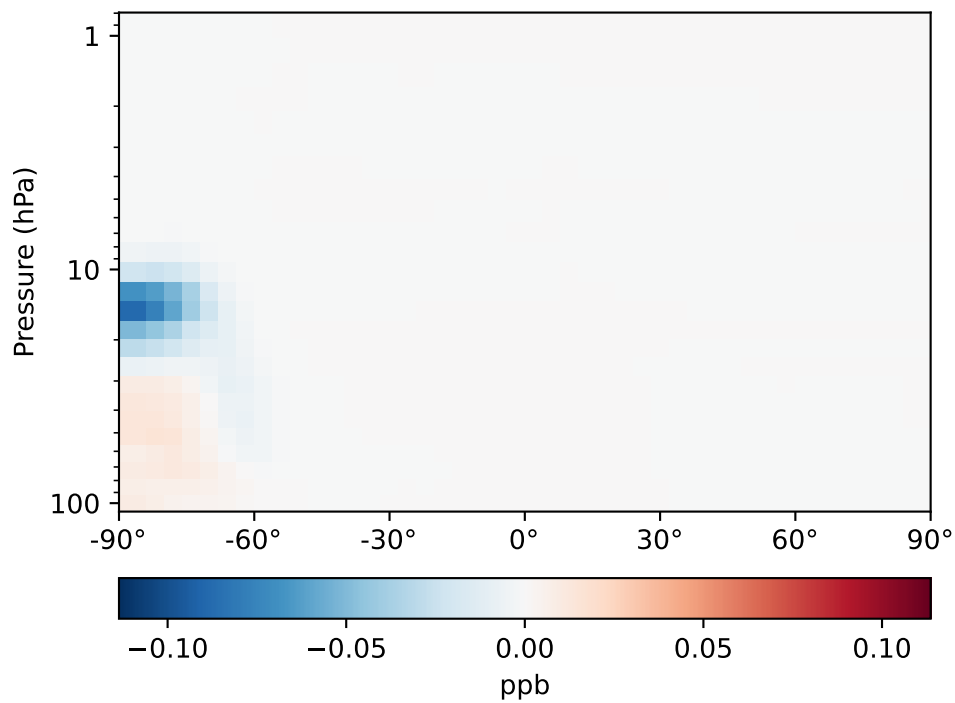


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

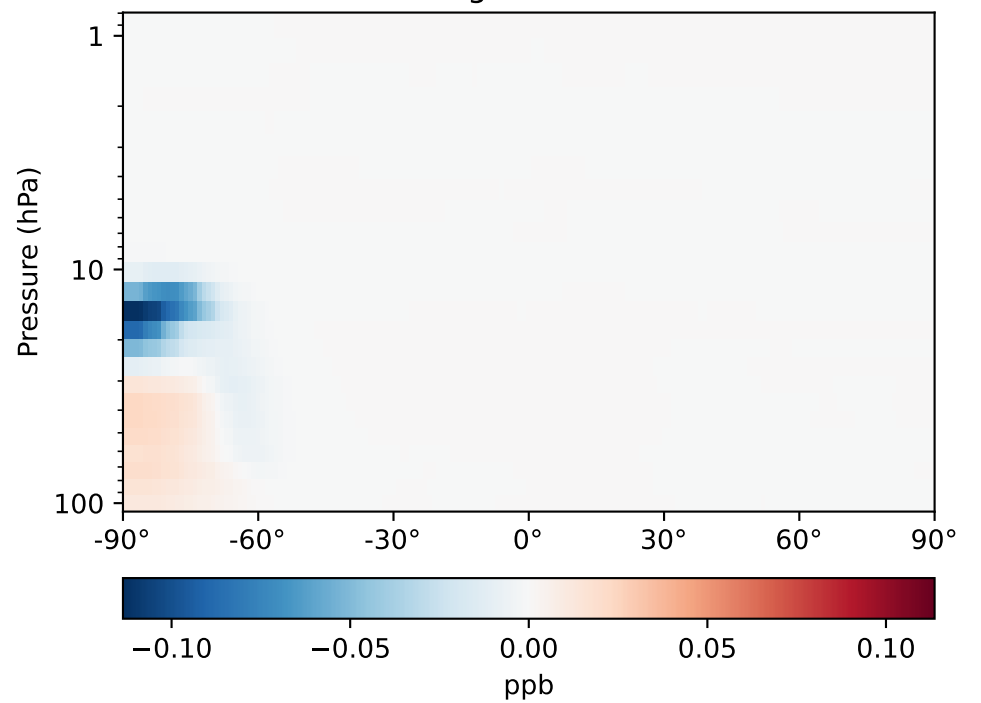


# SpeciesConcVV\_Cl2O2, Zonal Mean

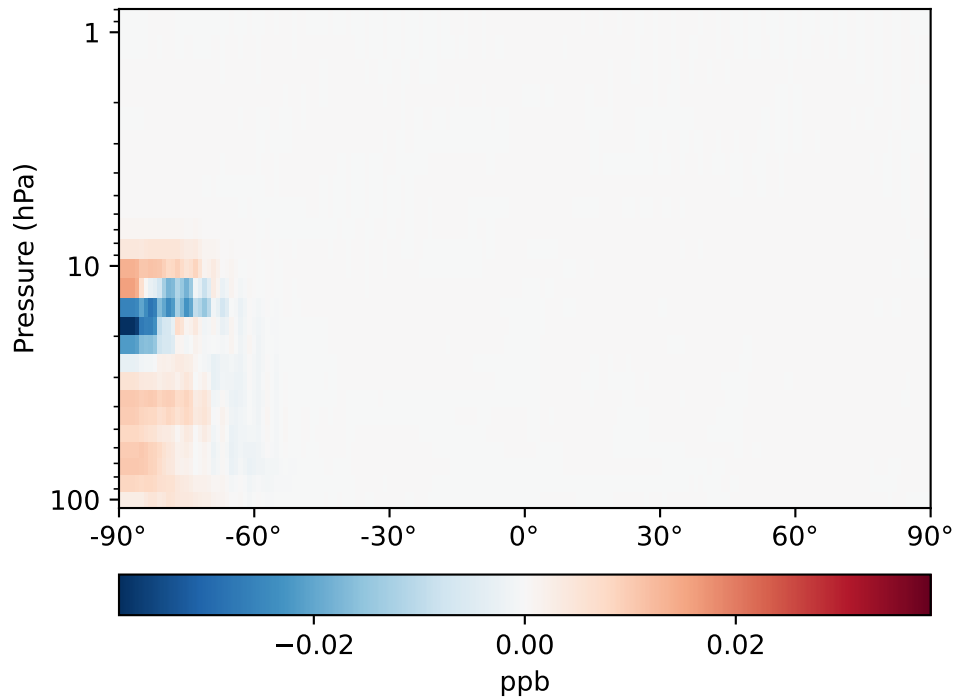
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



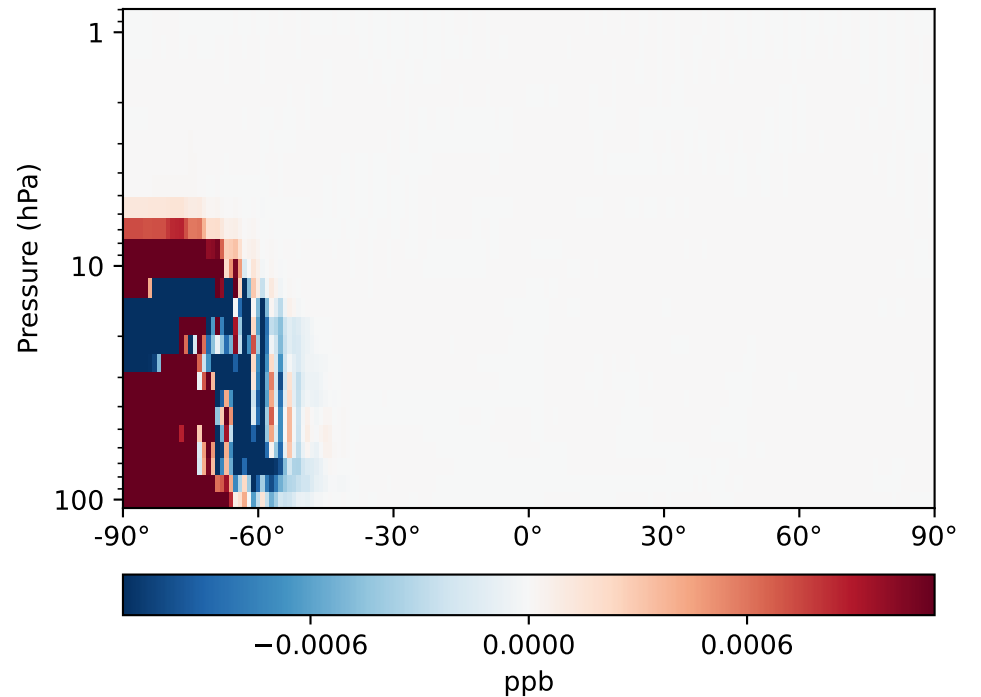
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



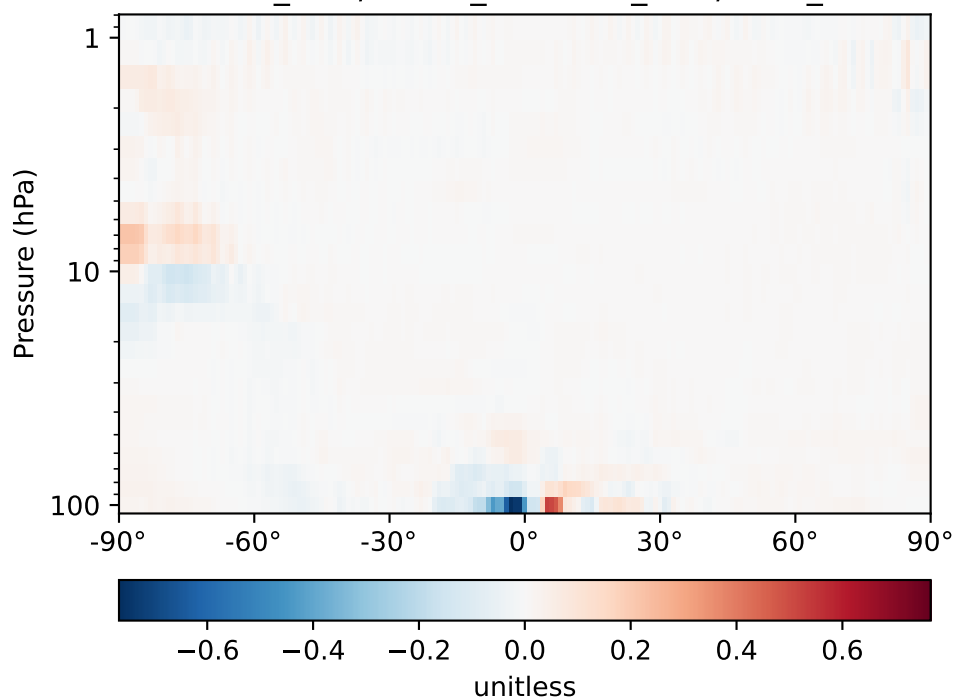
Difference (1x1.25)  
Dev - Ref, Dynamic Range



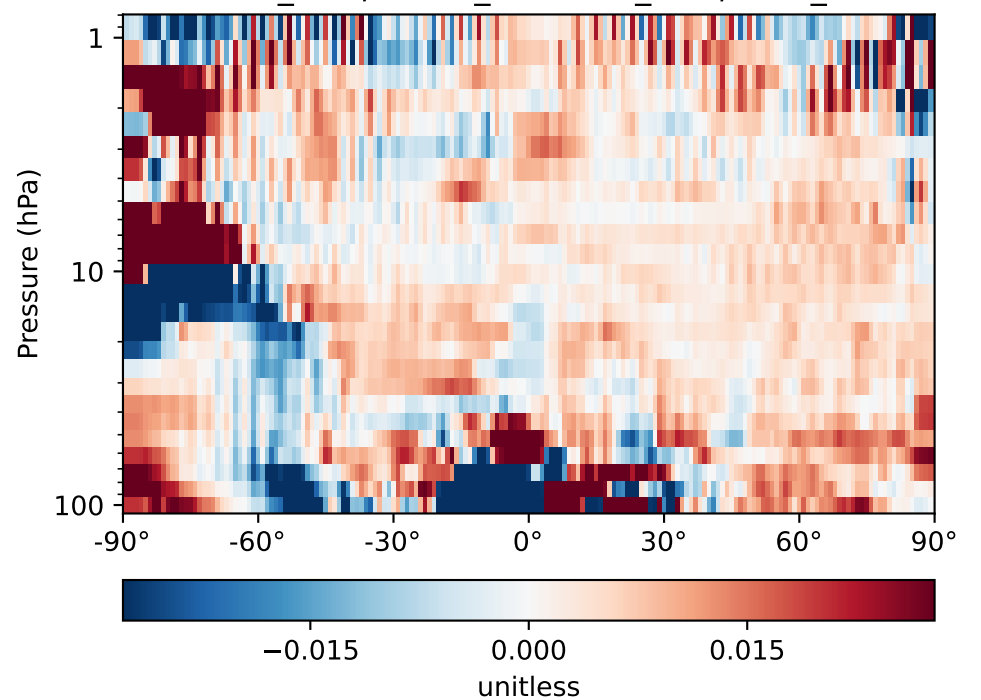
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

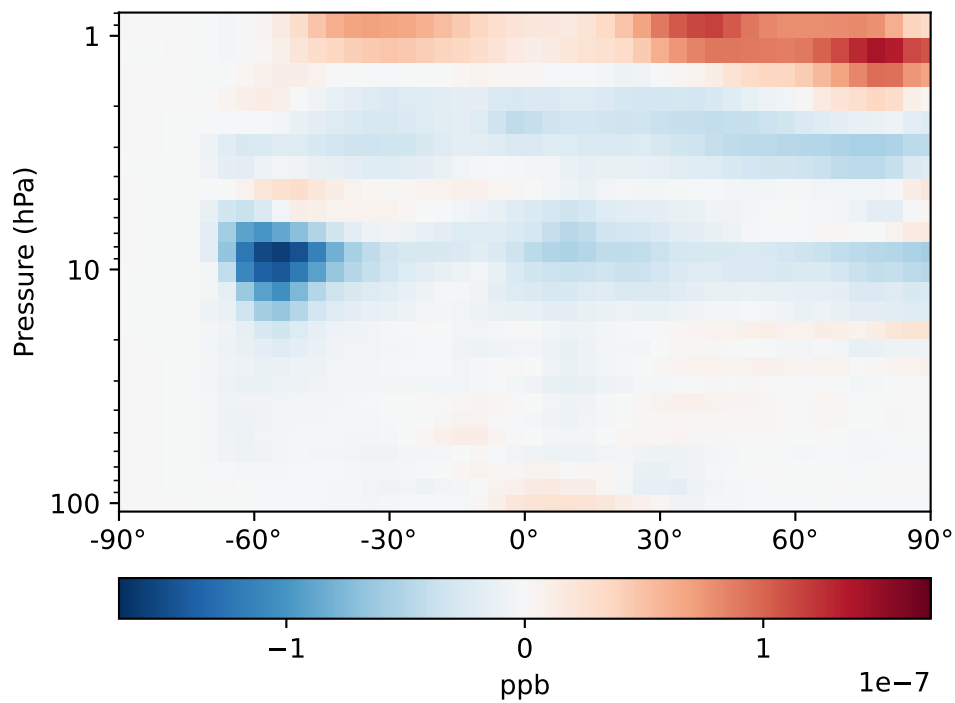


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

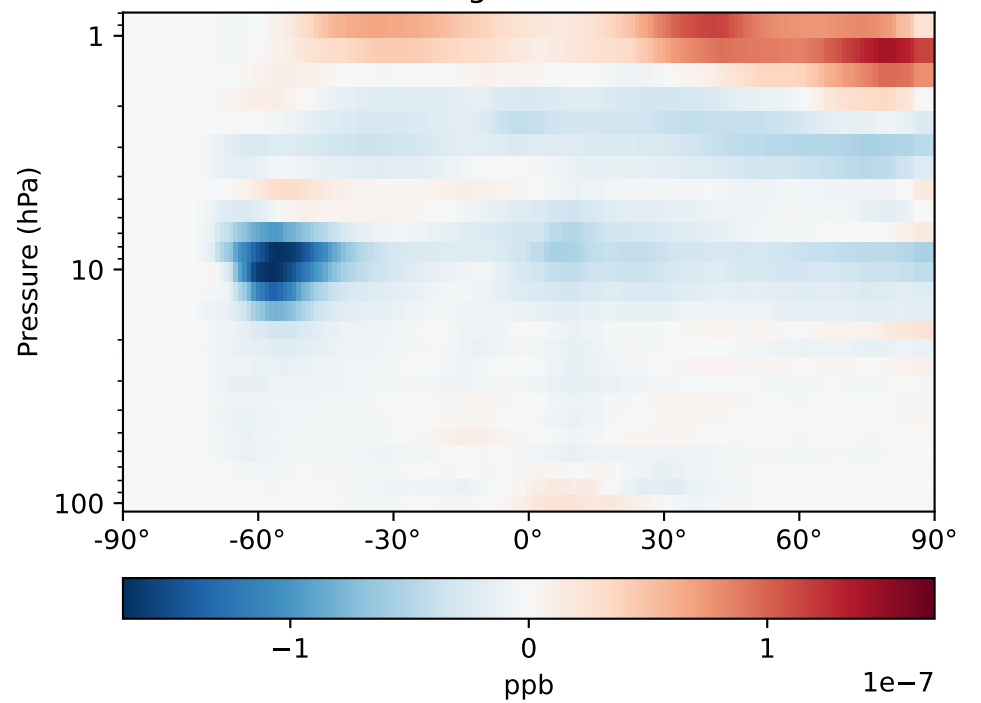


# SpeciesConcVV\_ClO0, Zonal Mean

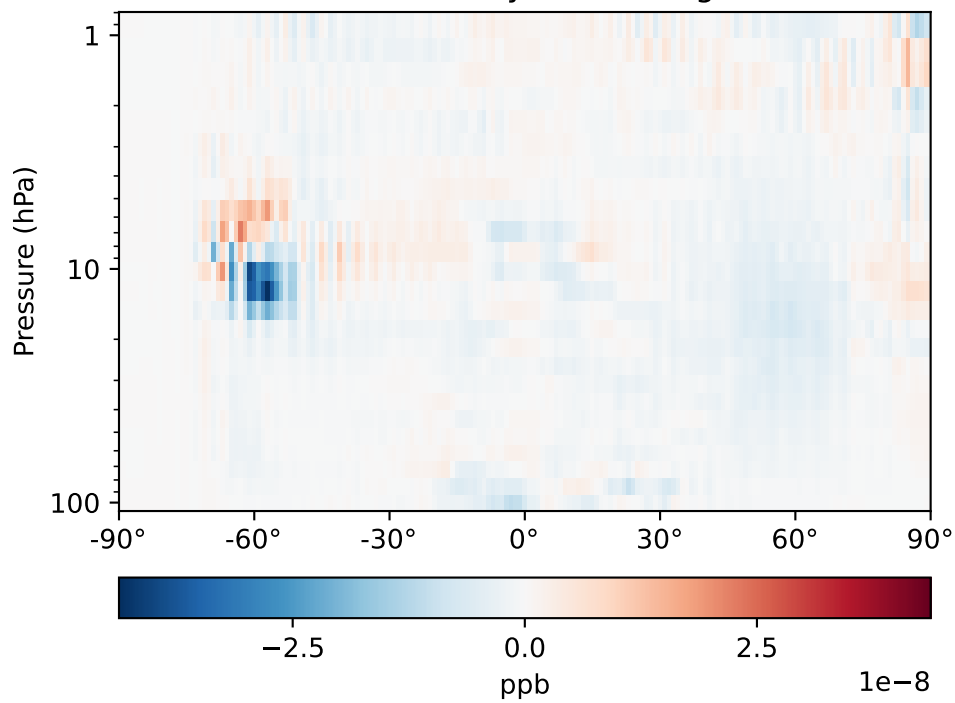
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



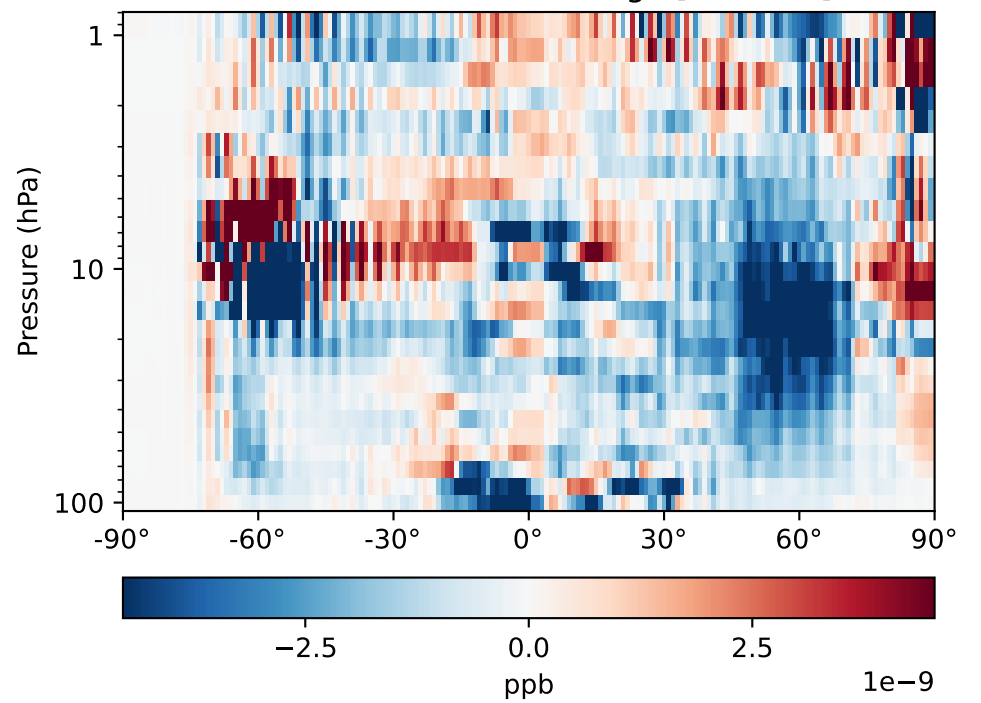
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



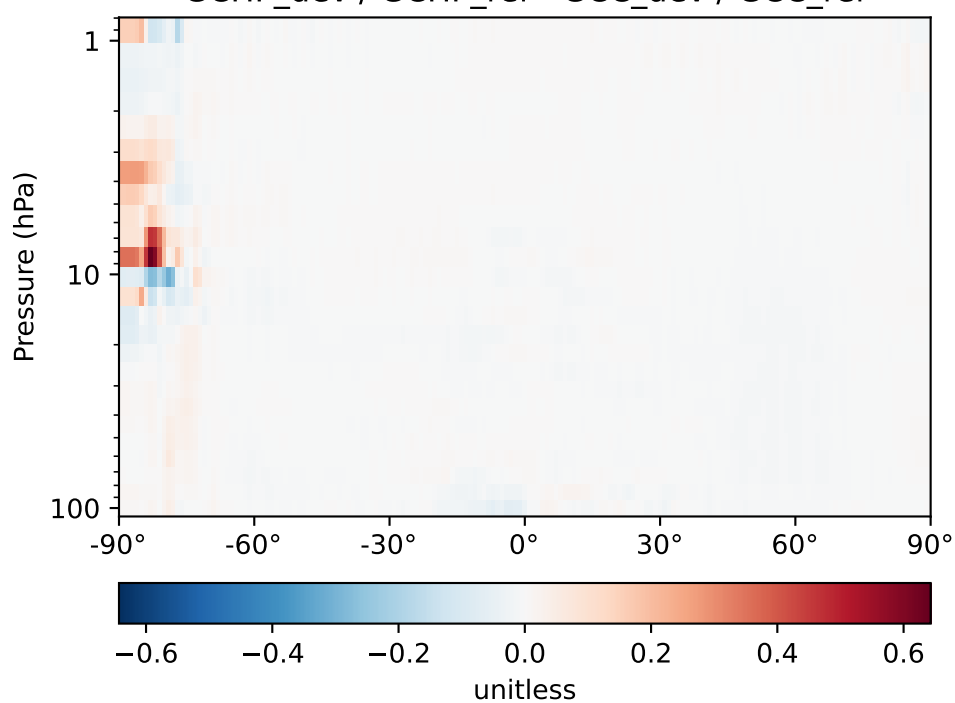
Difference (1x1.25)  
Dev - Ref, Dynamic Range



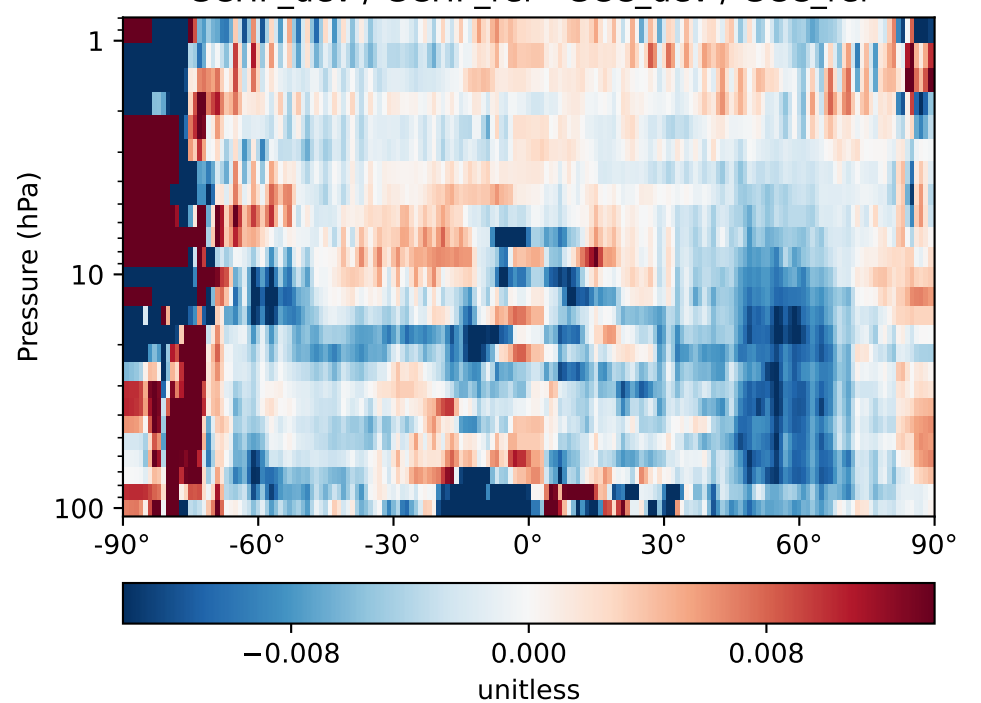
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

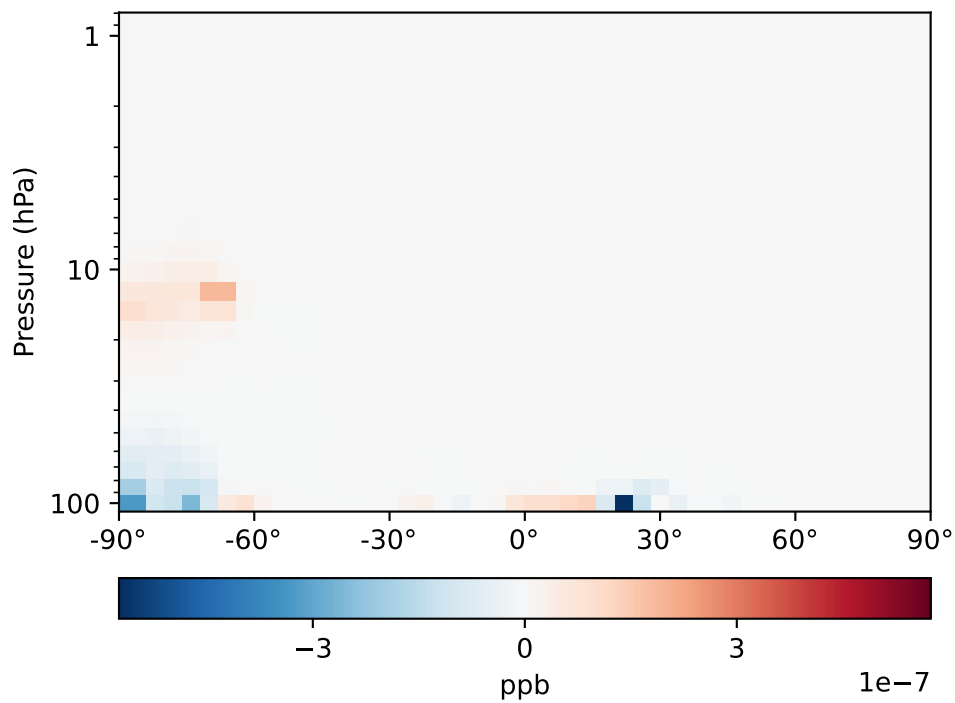


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

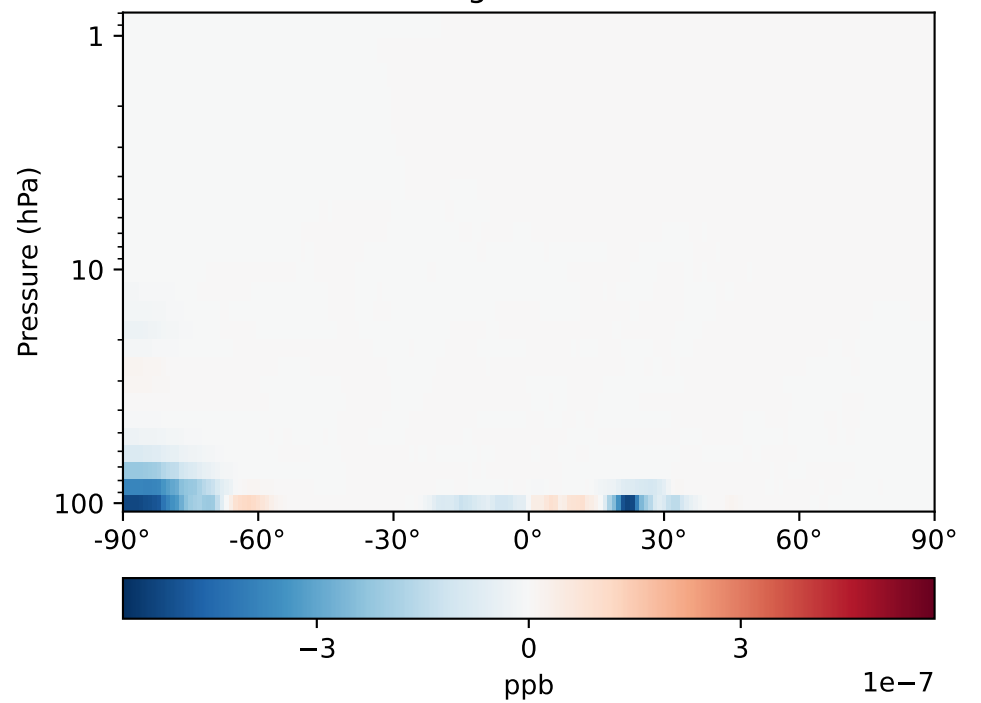


# SpeciesConcVV\_CINO2, Zonal Mean

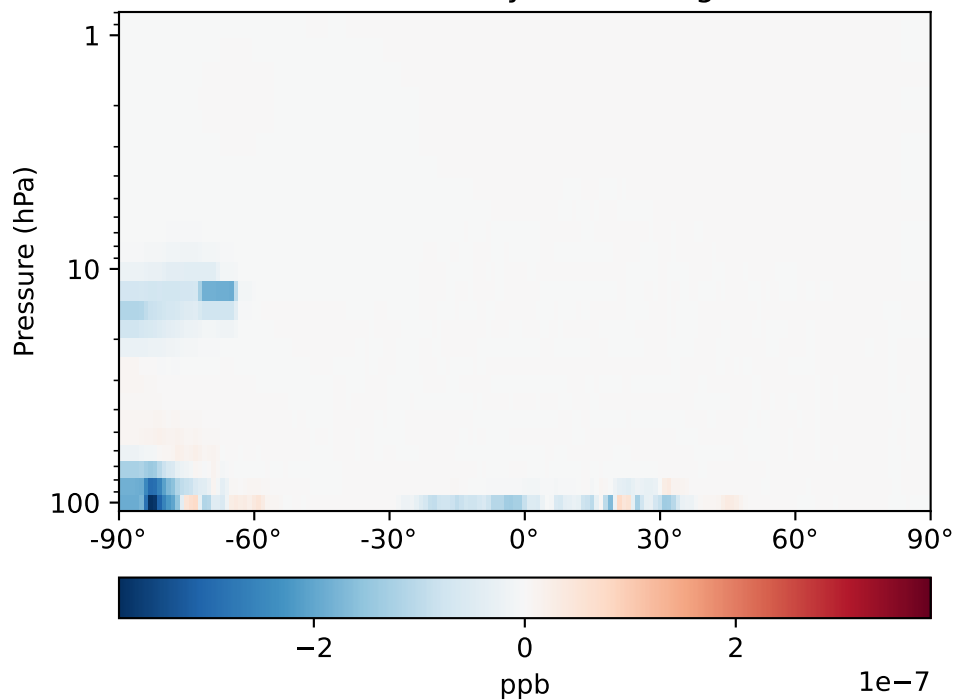
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



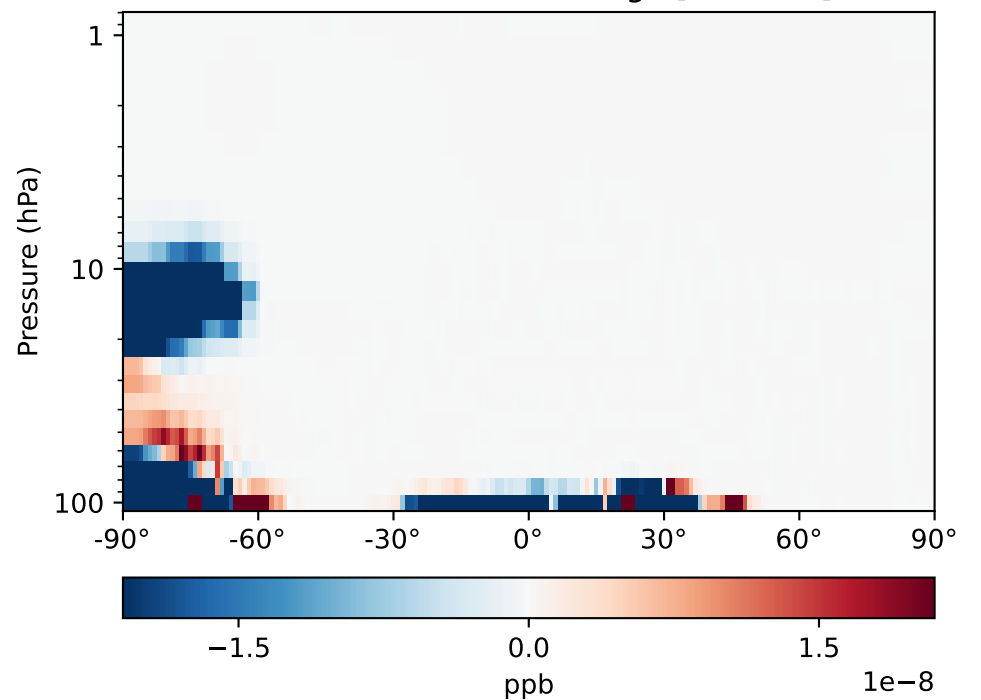
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



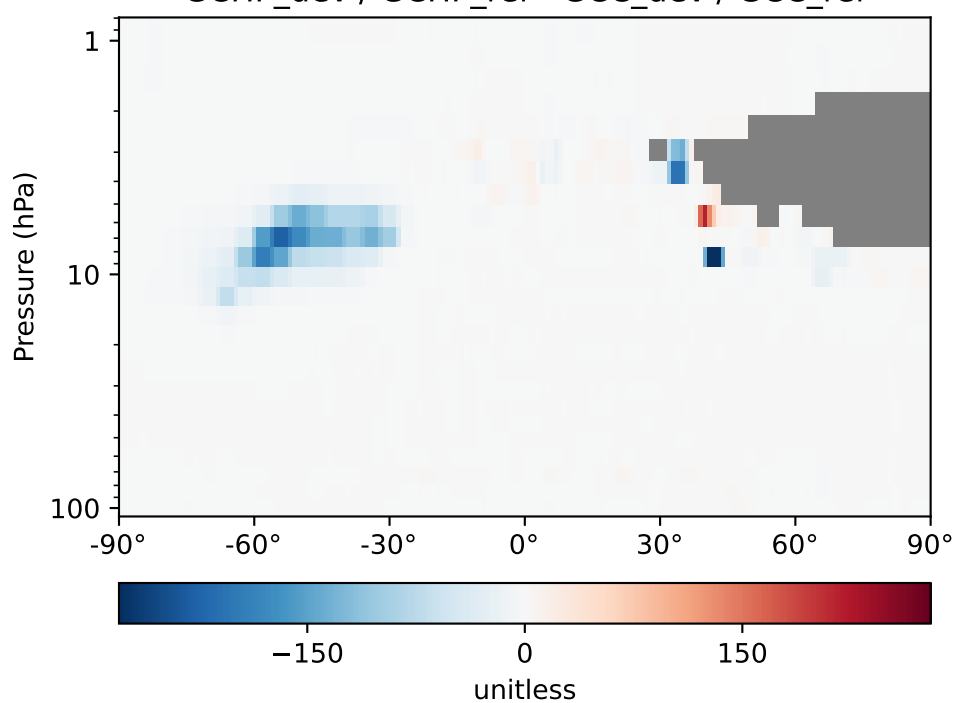
Difference (1x1.25)  
Dev - Ref, Dynamic Range



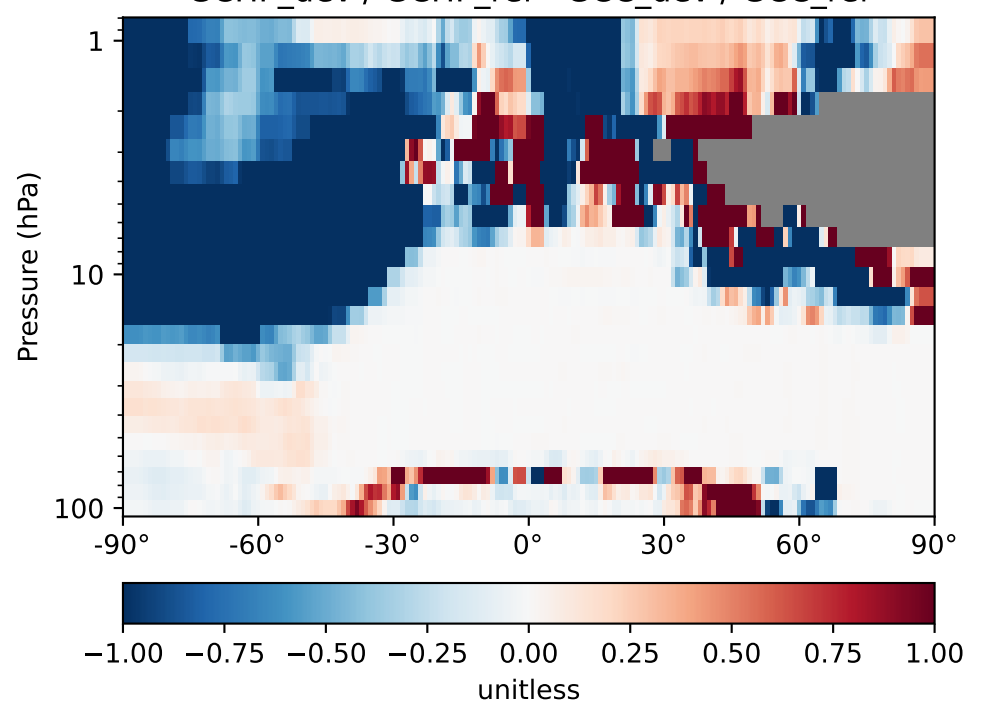
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



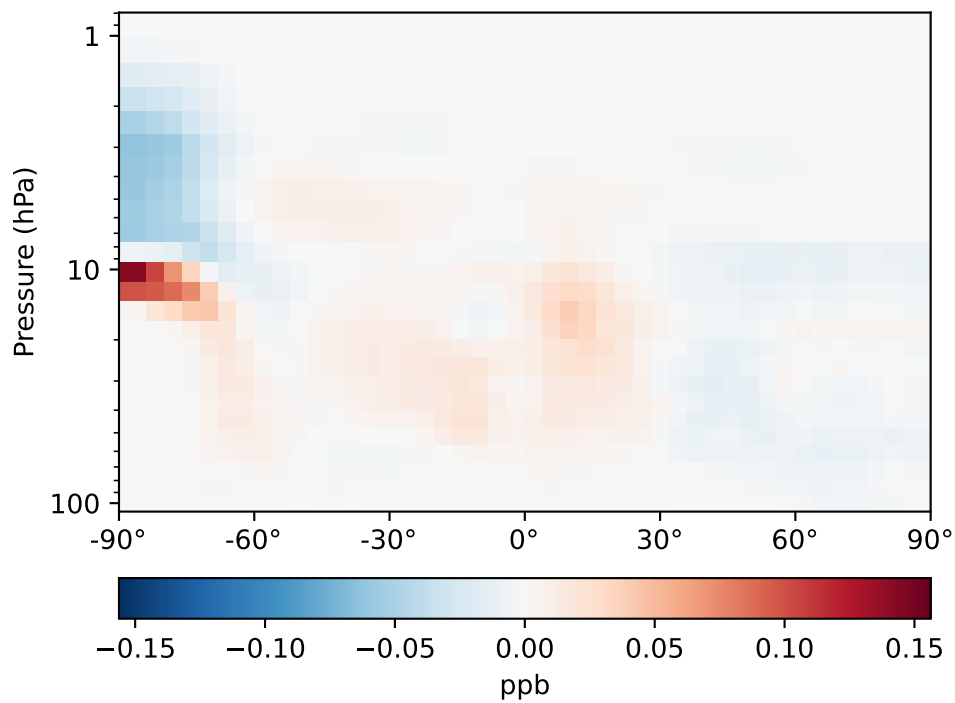
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



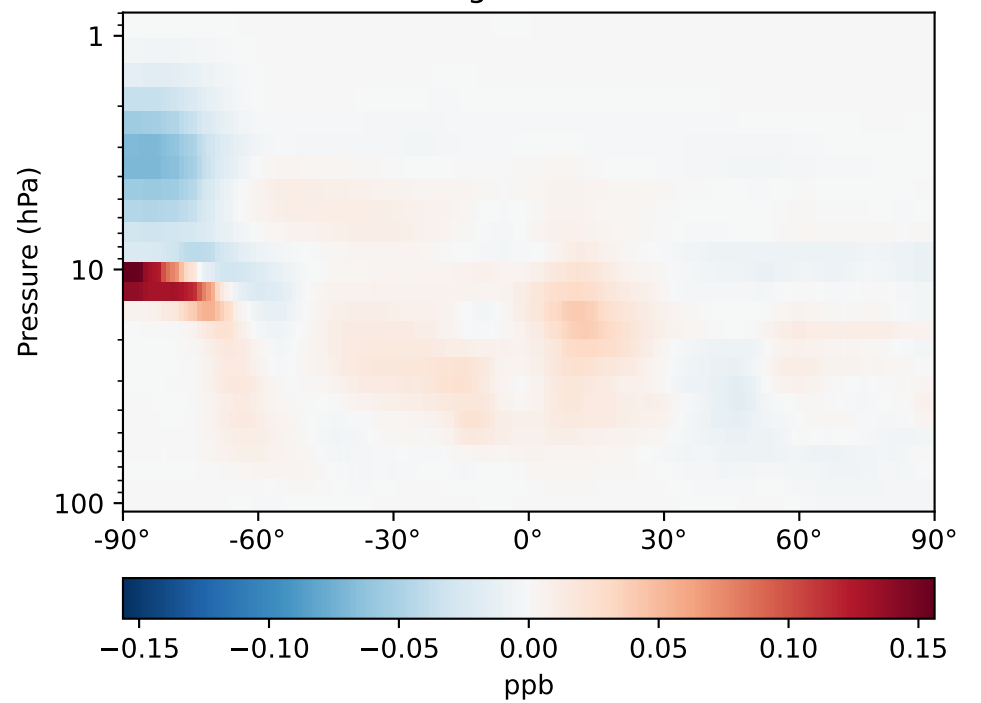


# SpeciesConcVV\_CIN03, Zonal Mean

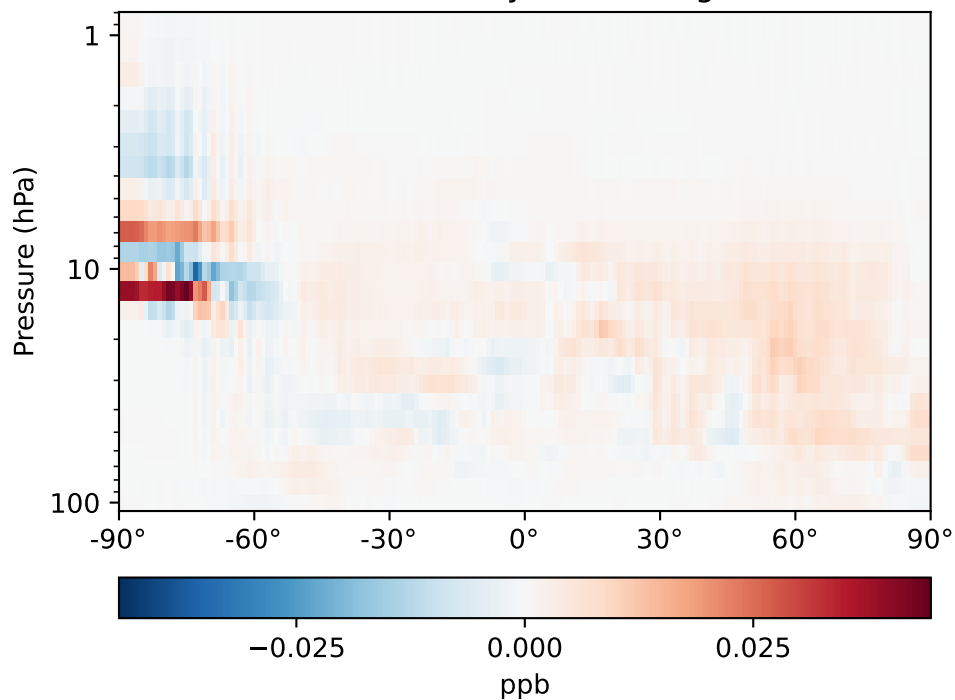
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



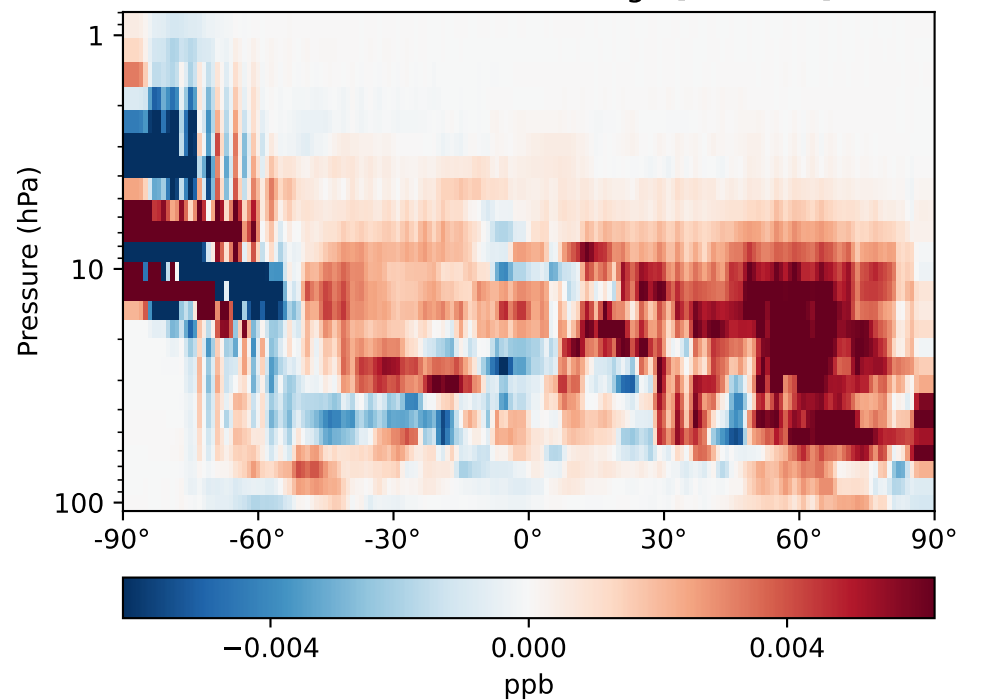
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



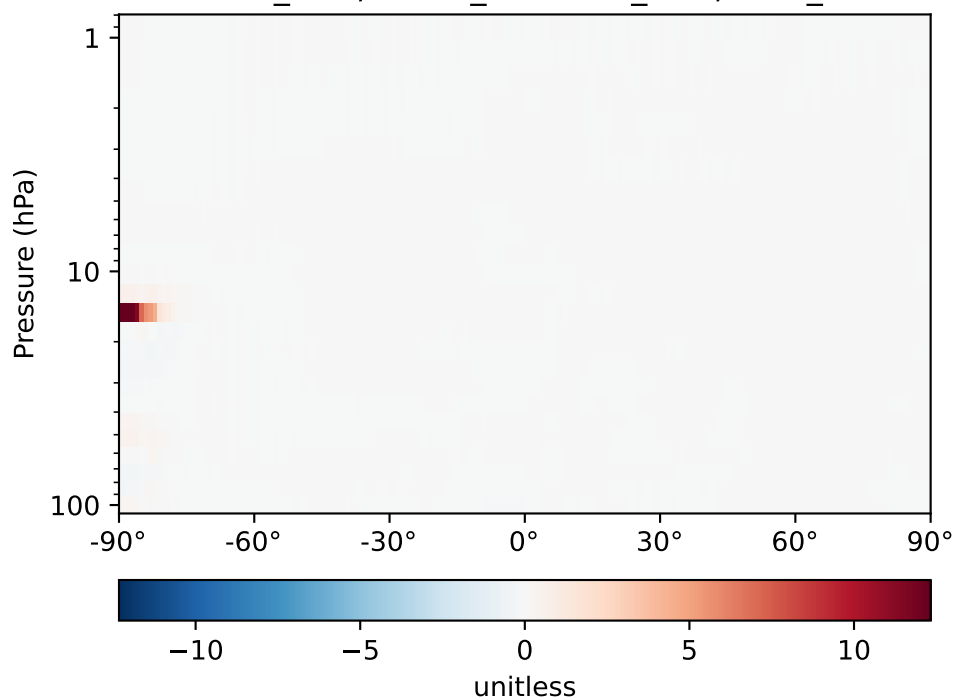
Difference (1x1.25)  
Dev - Ref, Dynamic Range



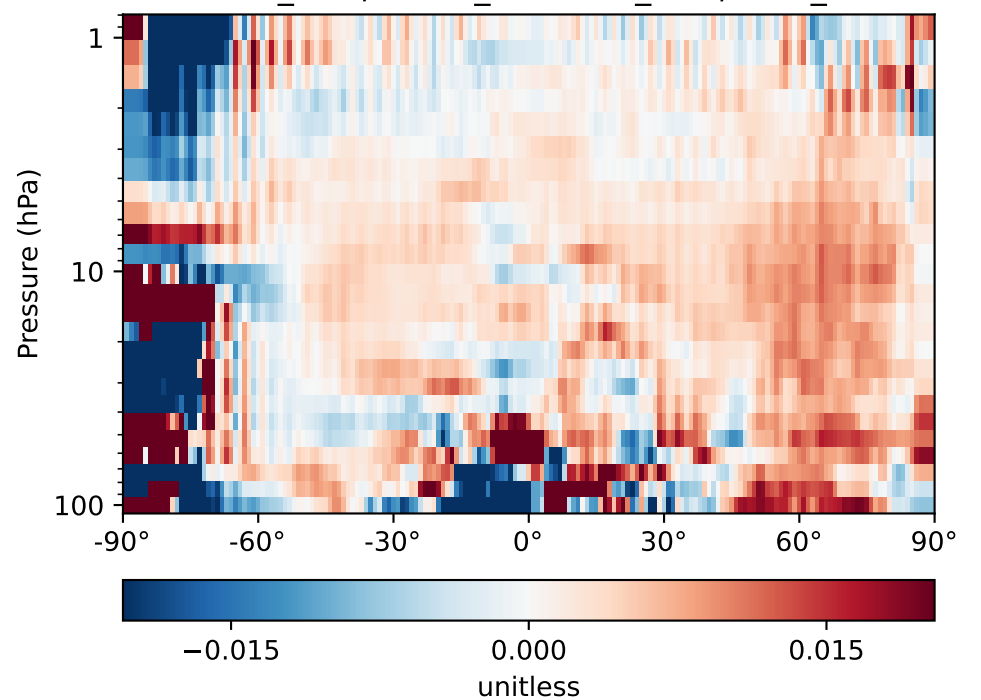
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

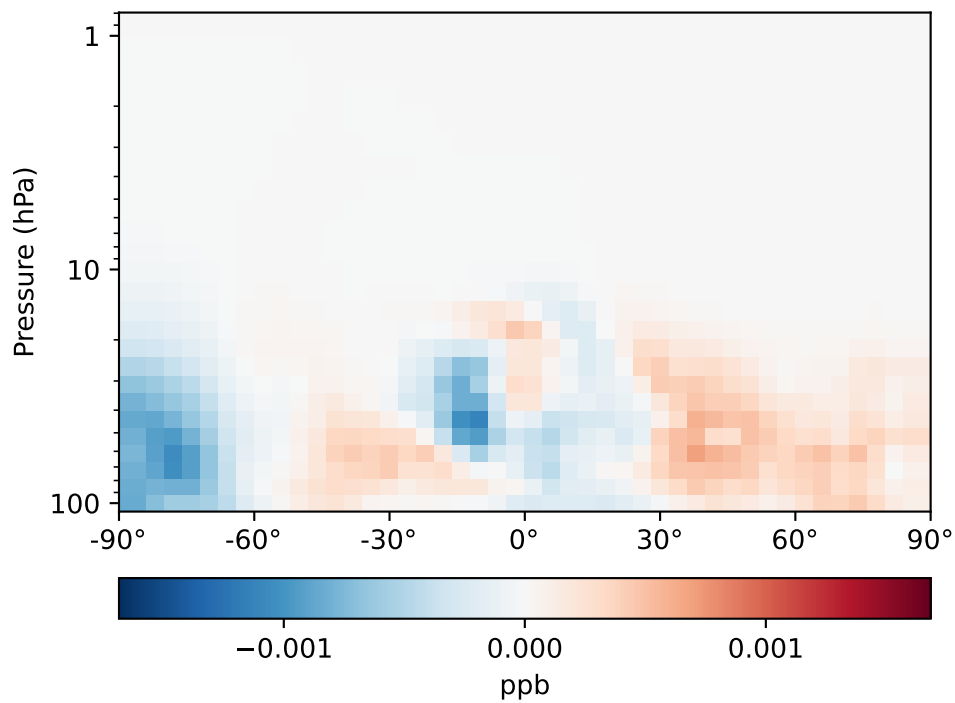


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

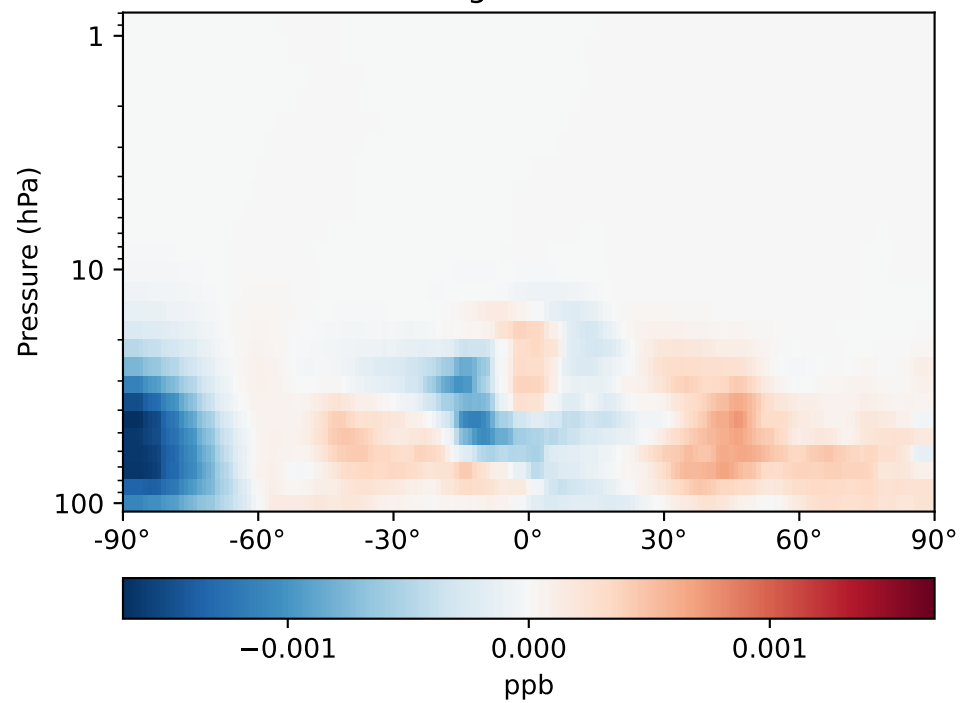


# SpeciesConcVV\_CCl4, Zonal Mean

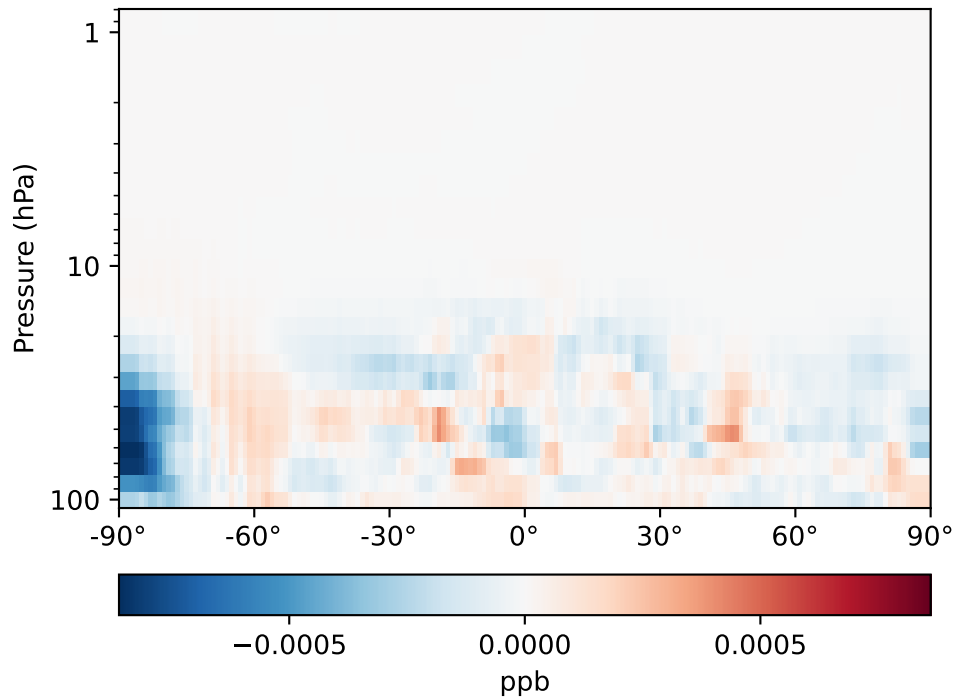
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



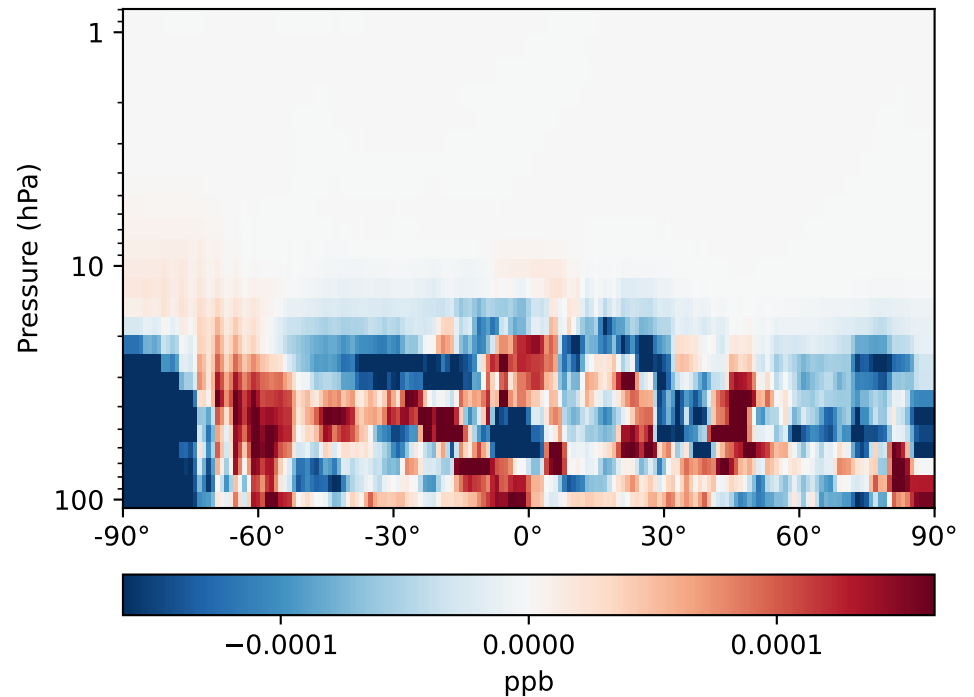
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



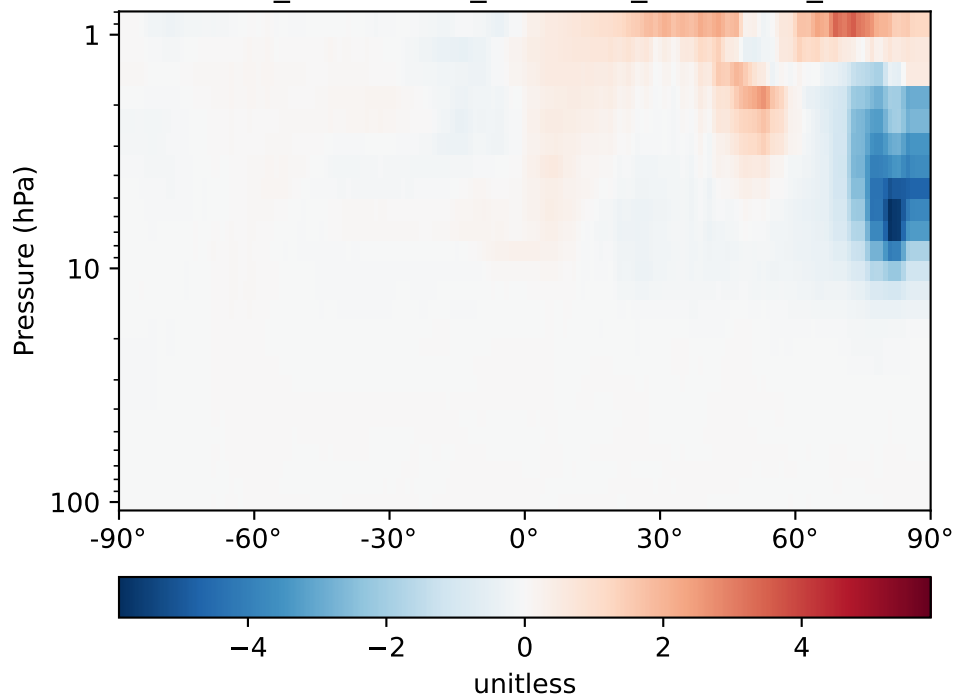
Difference (1x1.25)  
Dev - Ref, Dynamic Range



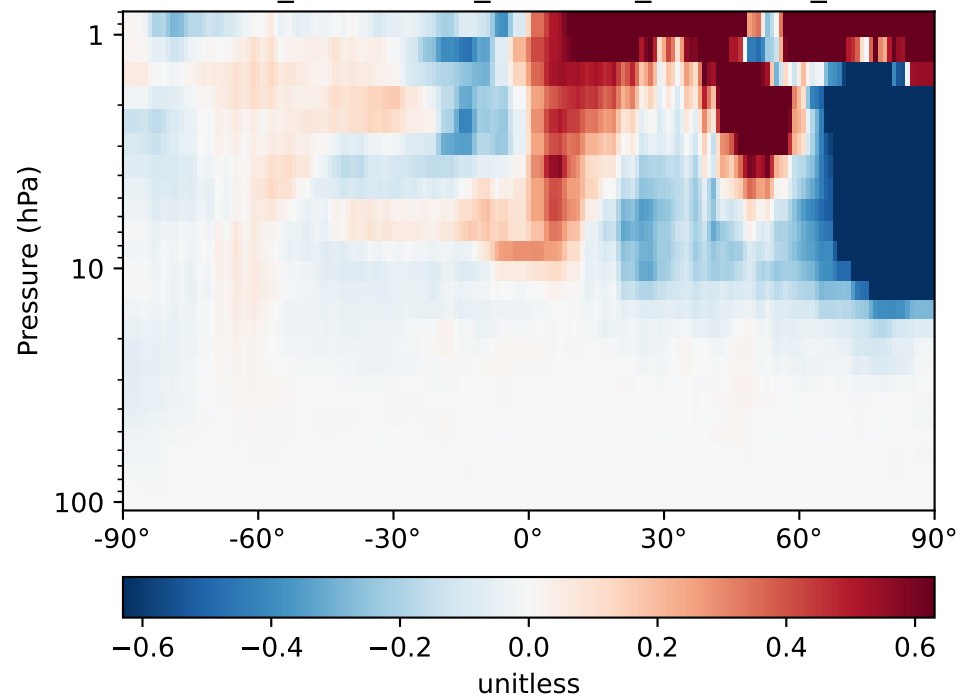
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

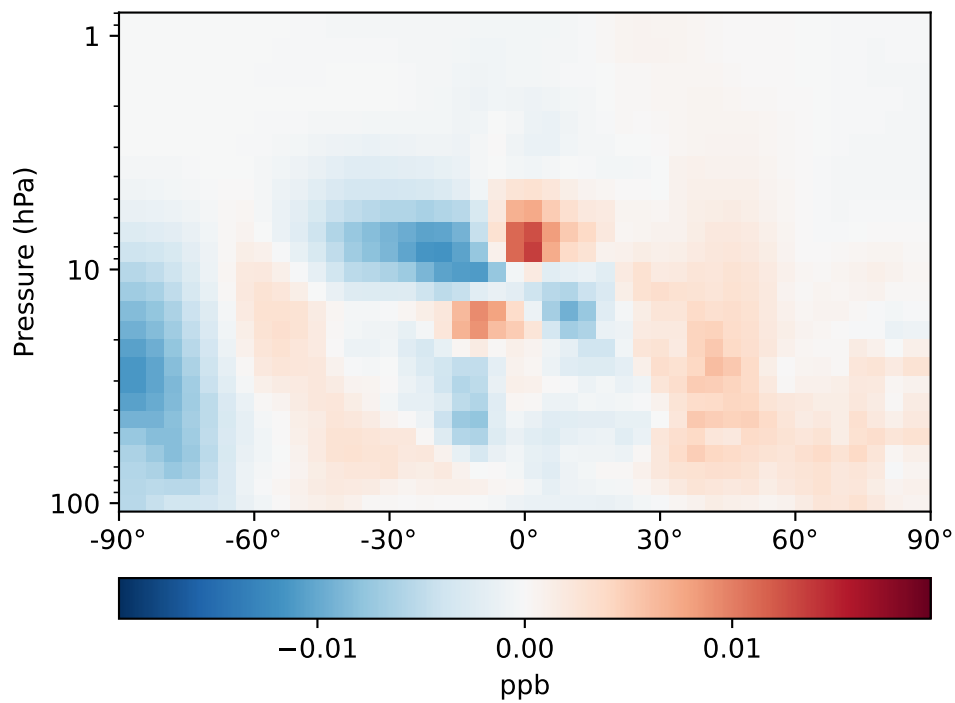


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

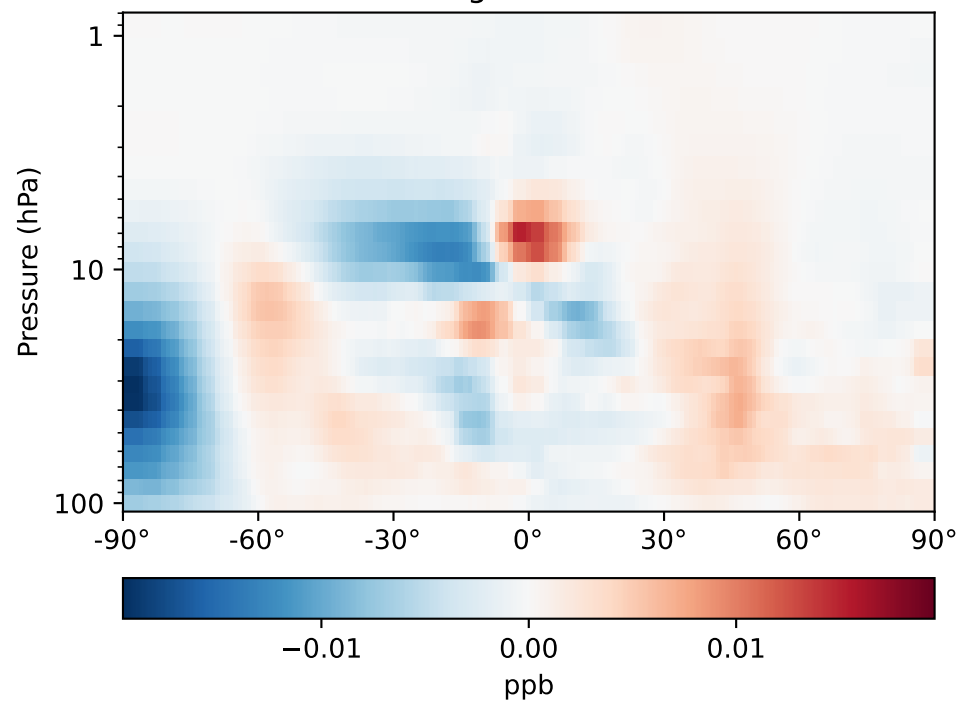


# SpeciesConcVV\_CFCs, Zonal Mean

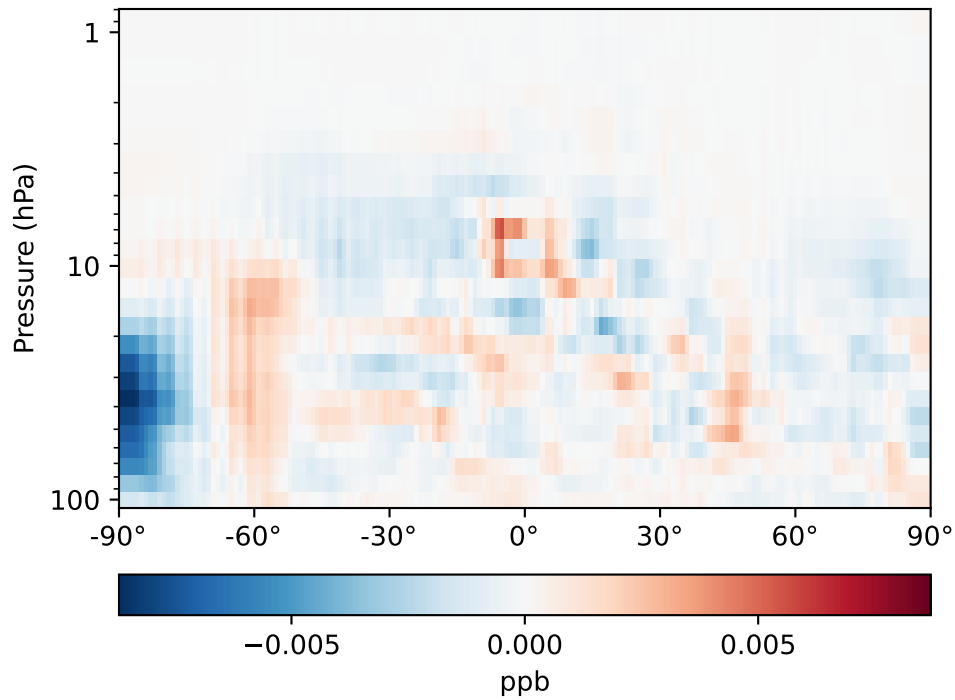
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



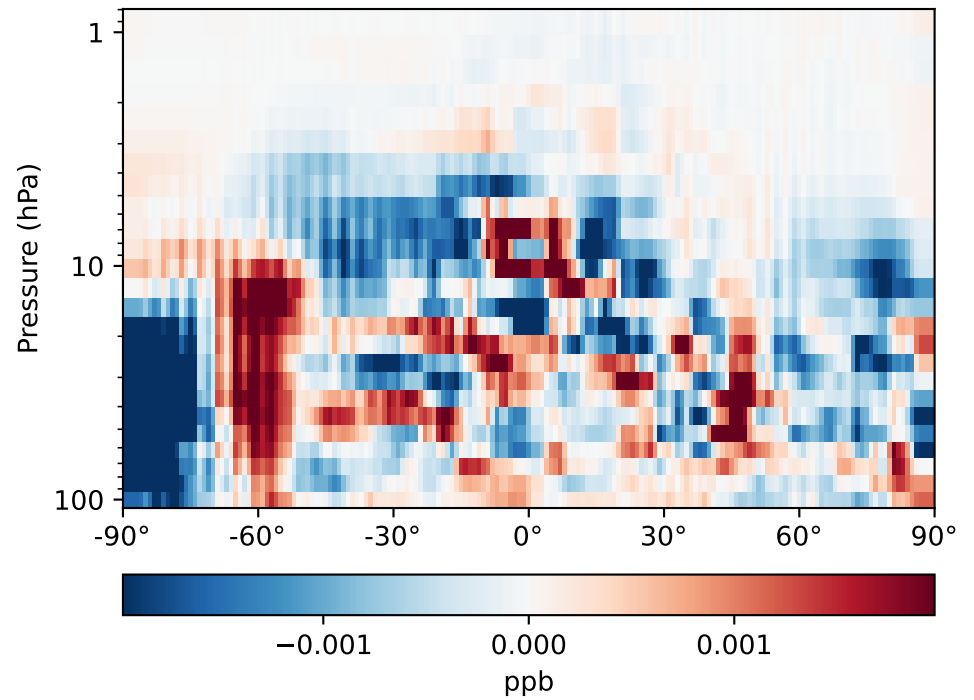
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



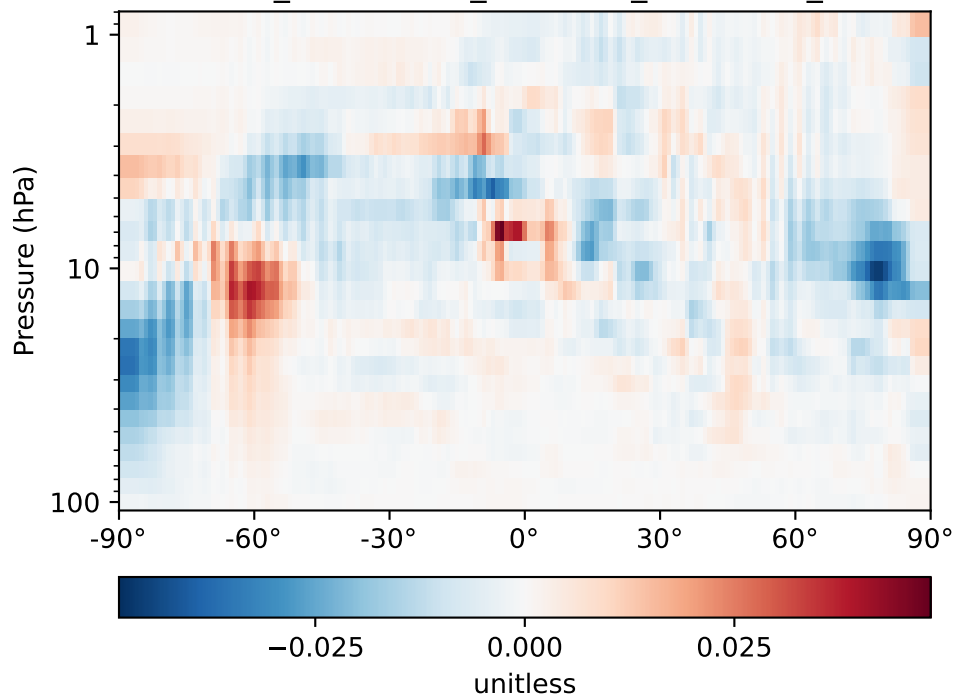
Difference (1x1.25)  
Dev - Ref, Dynamic Range



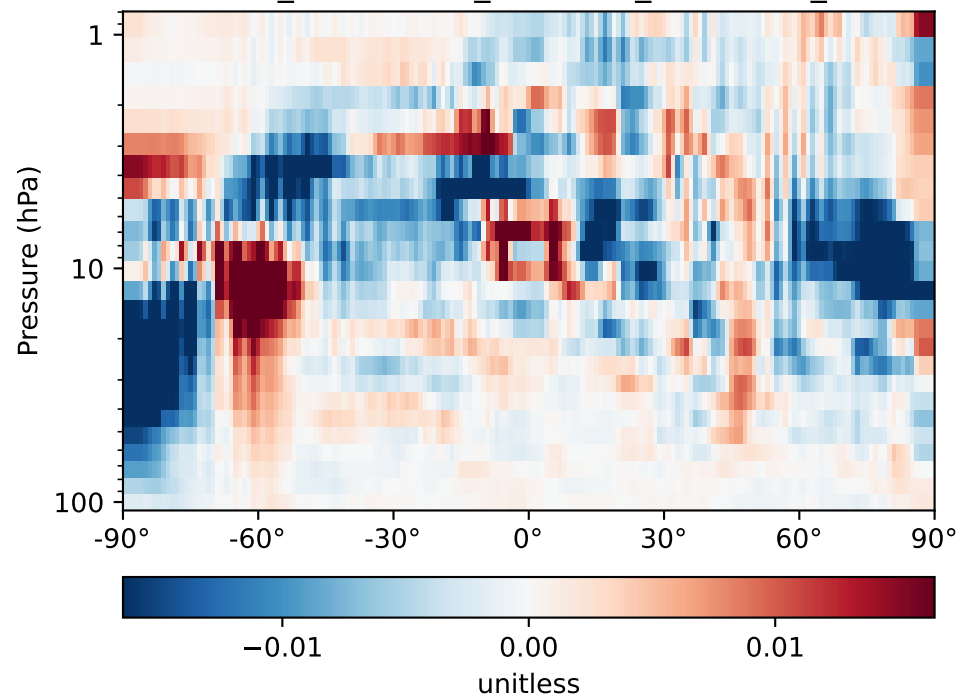
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

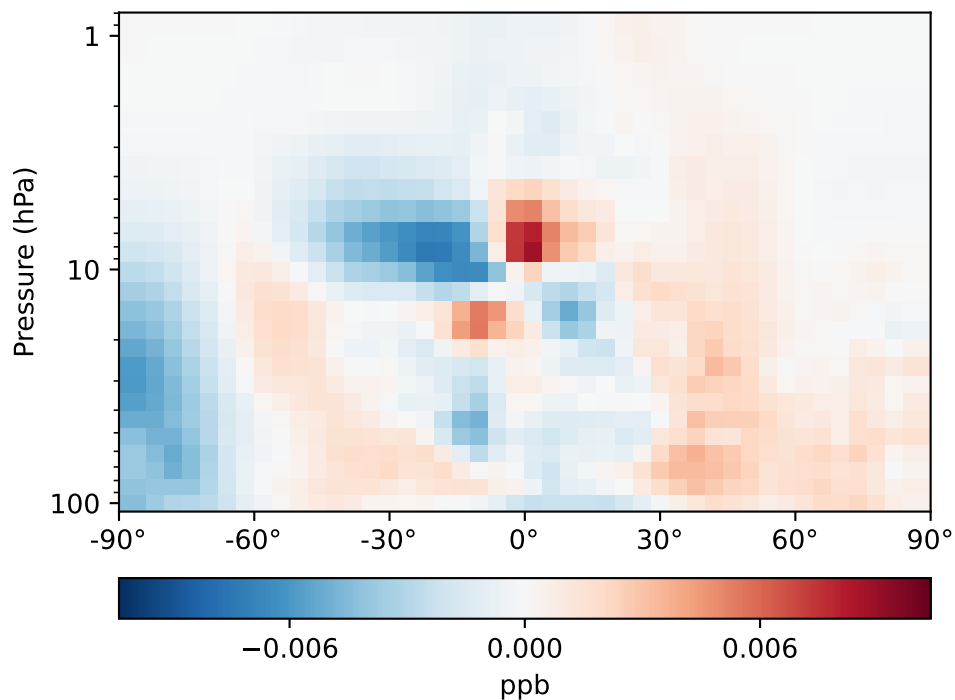


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

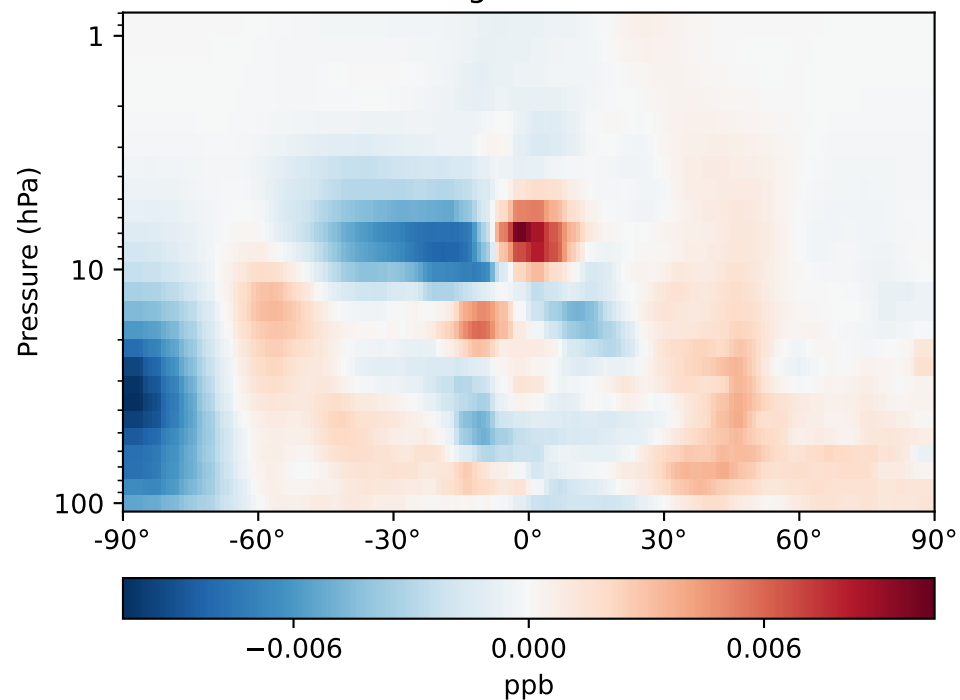


# SpeciesConcVV\_CH3Cl, Zonal Mean

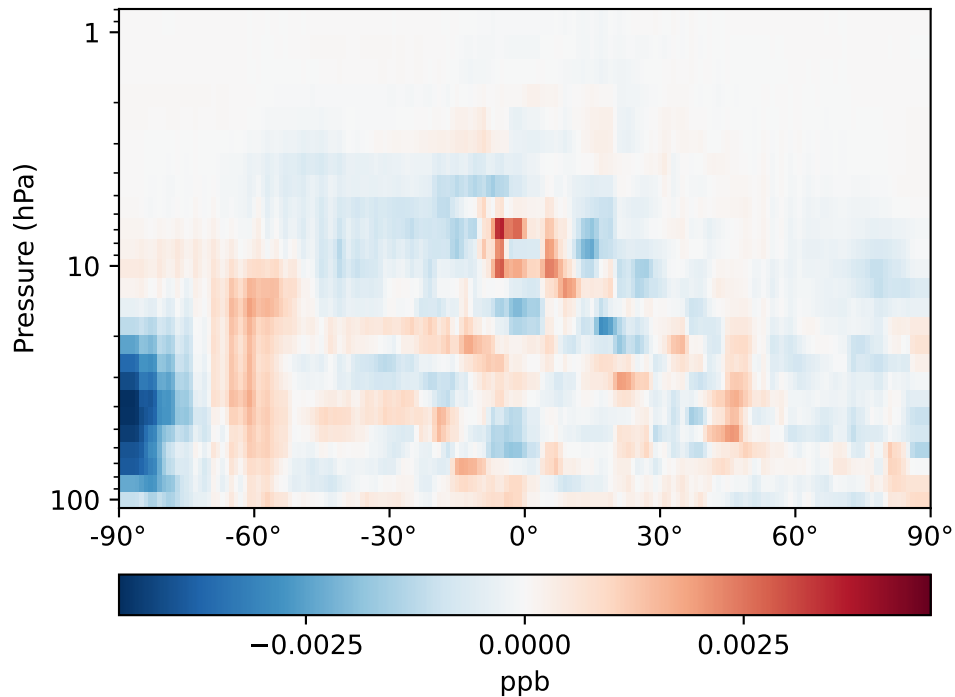
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



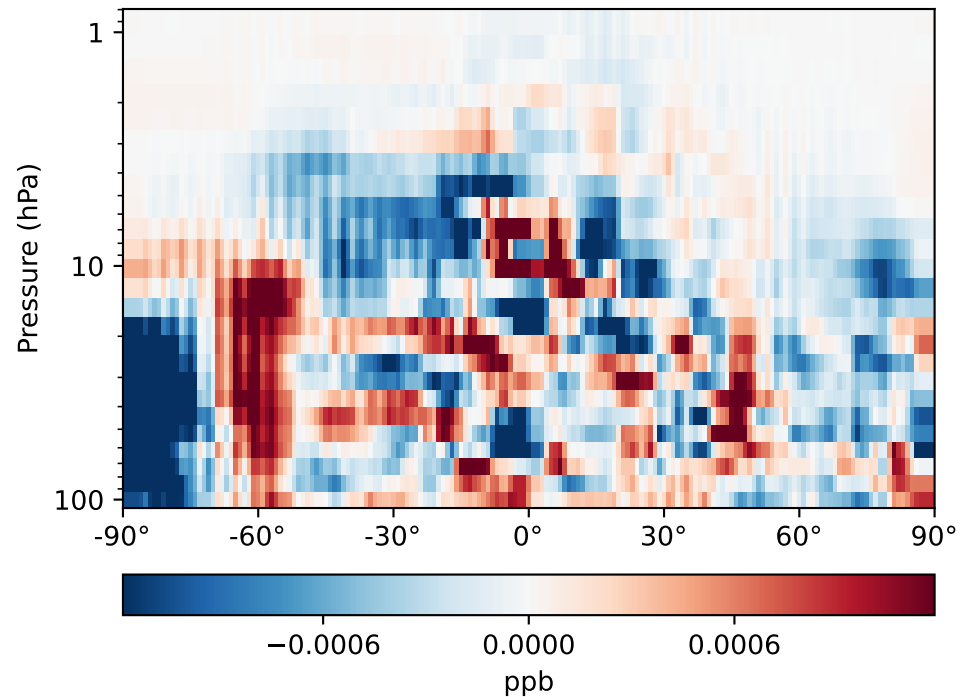
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



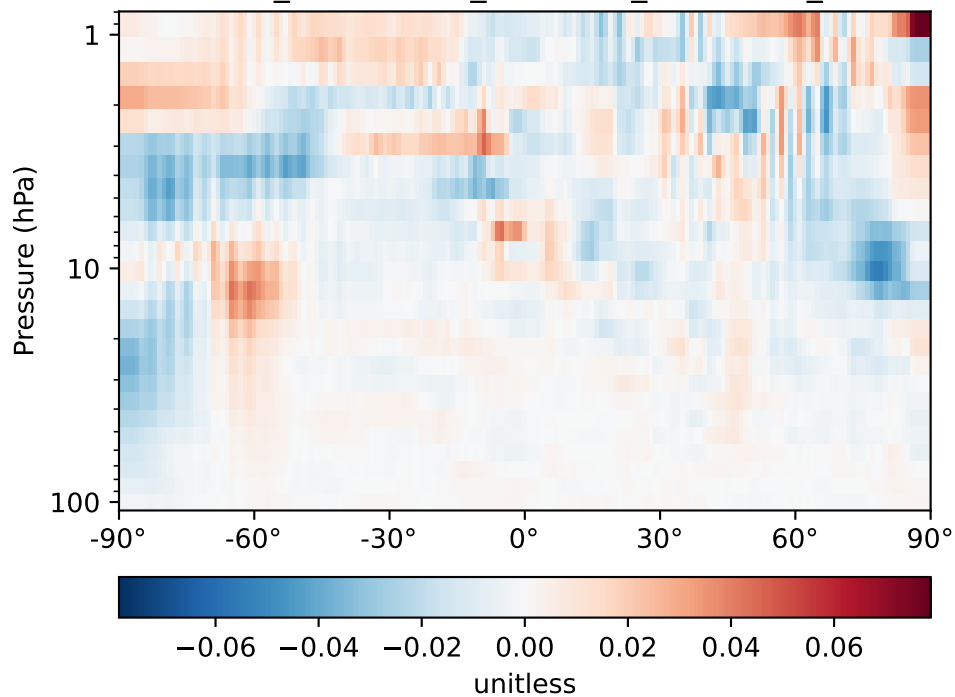
Difference (1x1.25)  
Dev - Ref, Dynamic Range



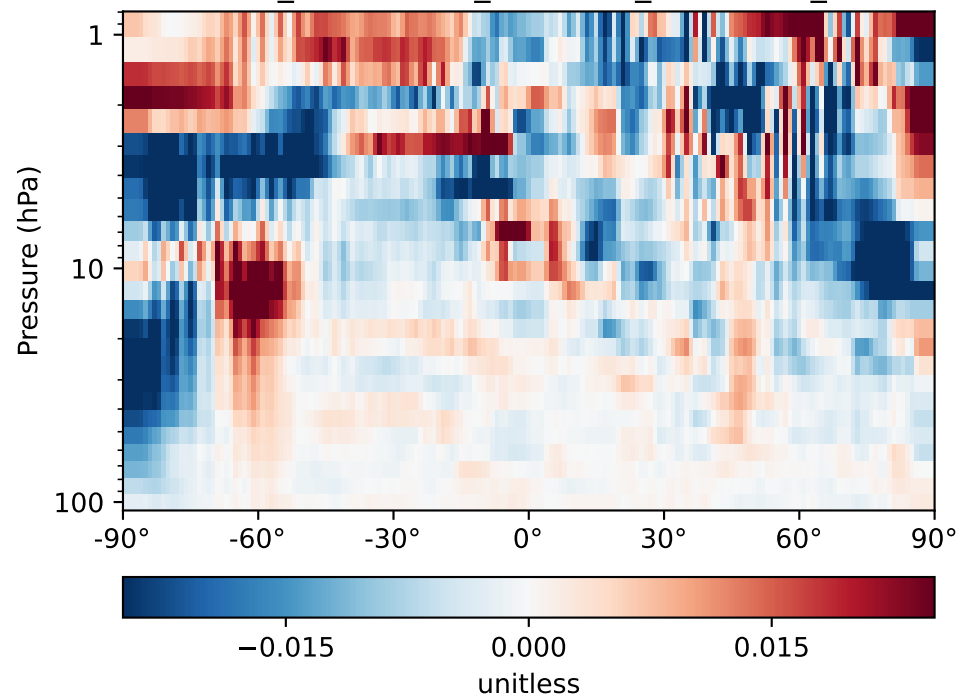
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

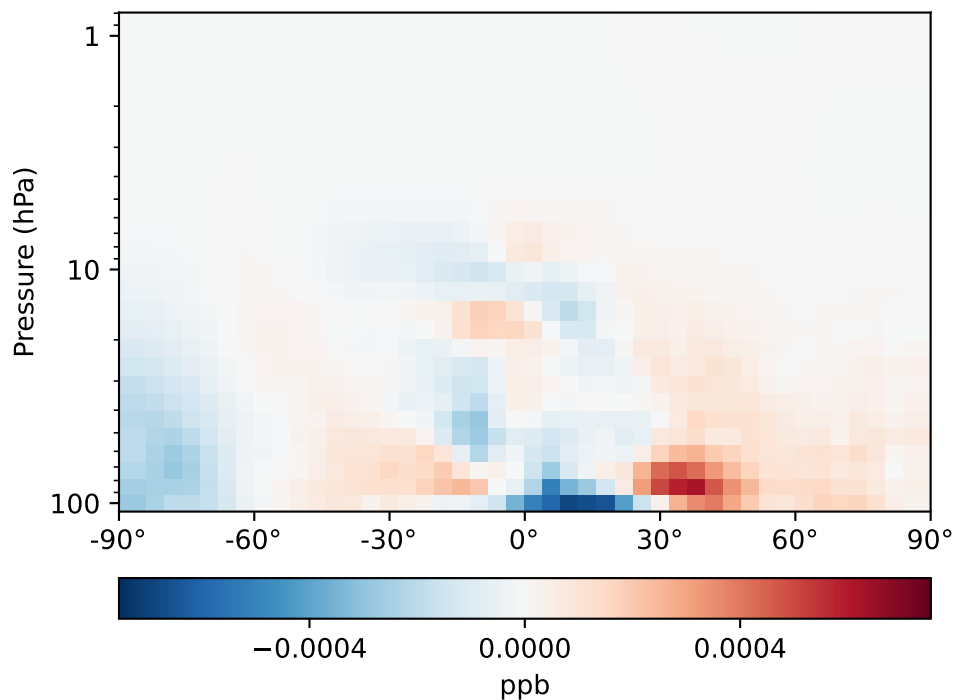


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

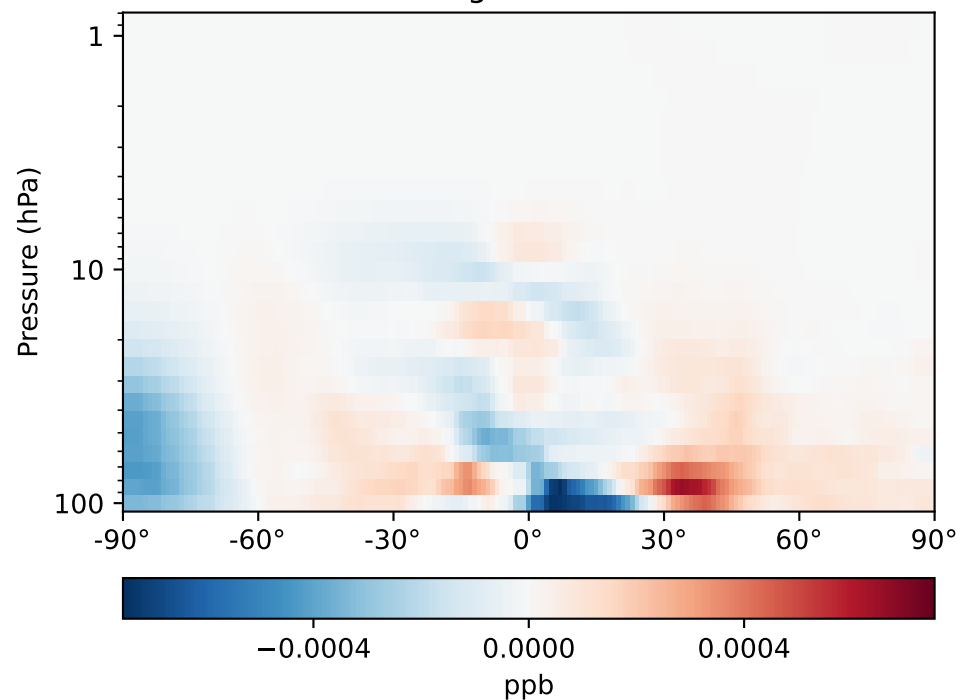


# SpeciesConcVV\_CH2Cl2, Zonal Mean

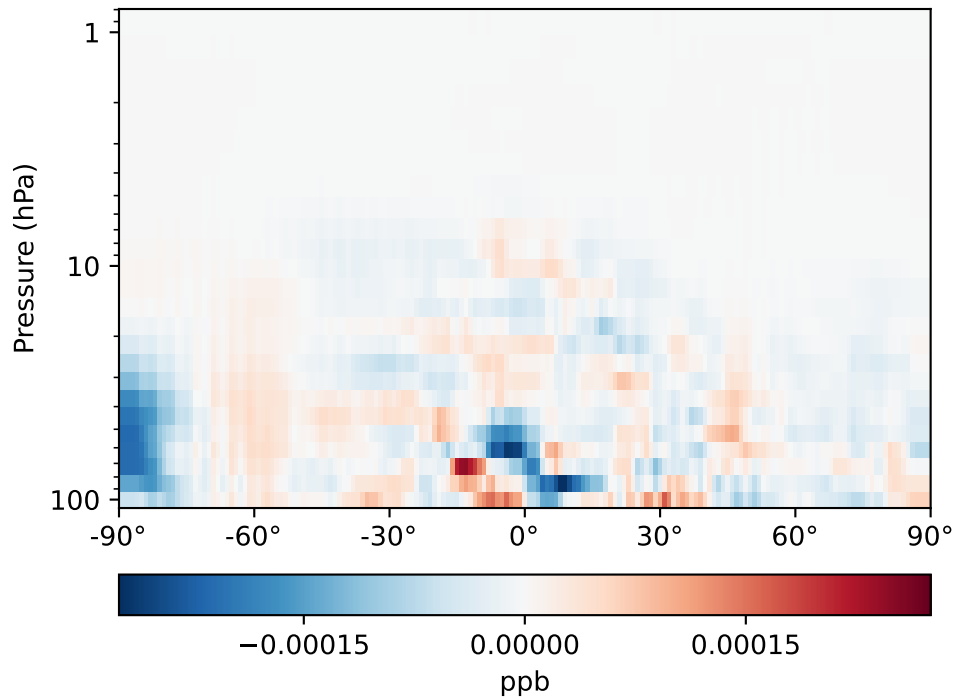
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



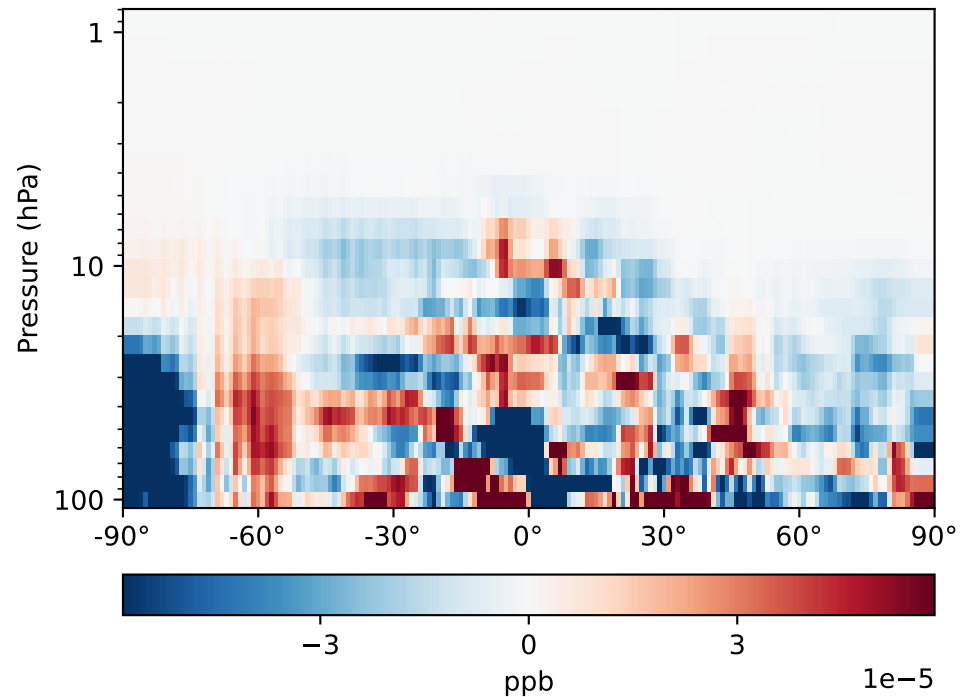
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



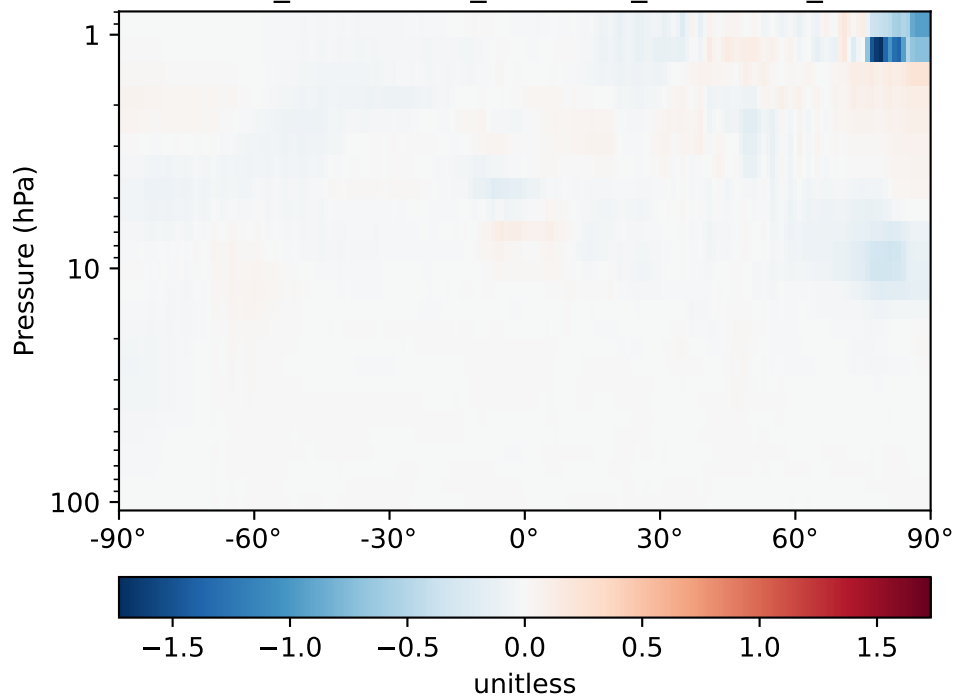
Difference (1x1.25)  
Dev - Ref, Dynamic Range



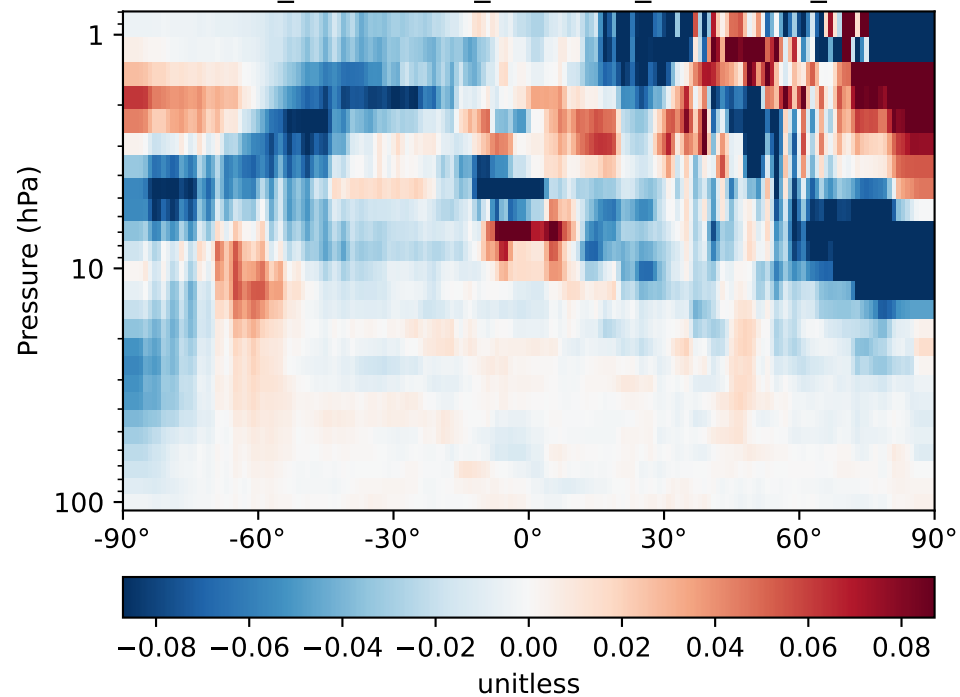
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

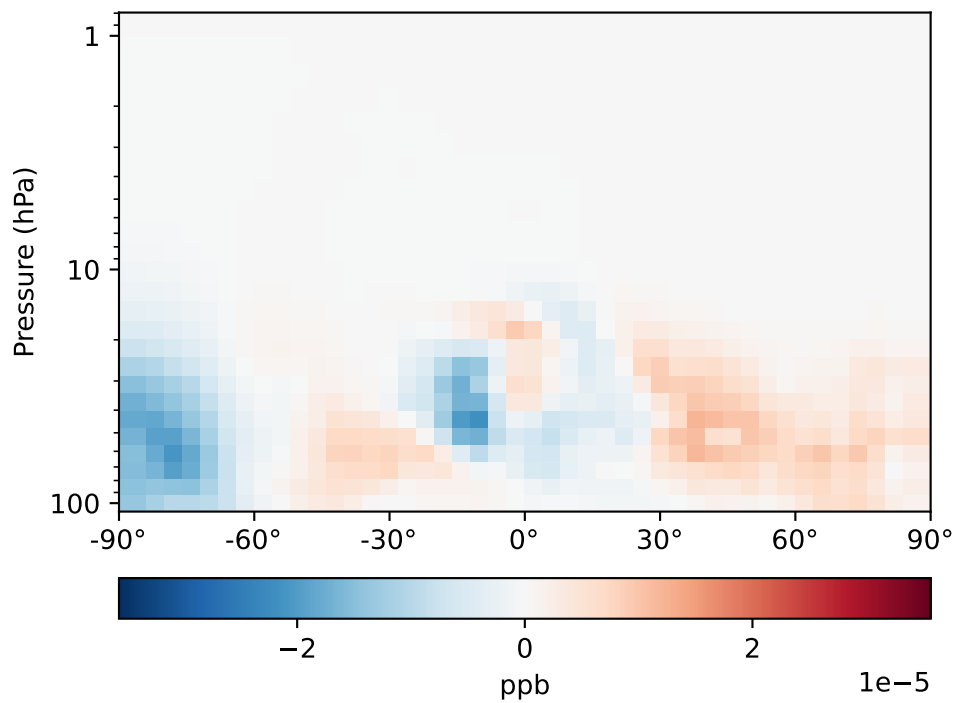


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

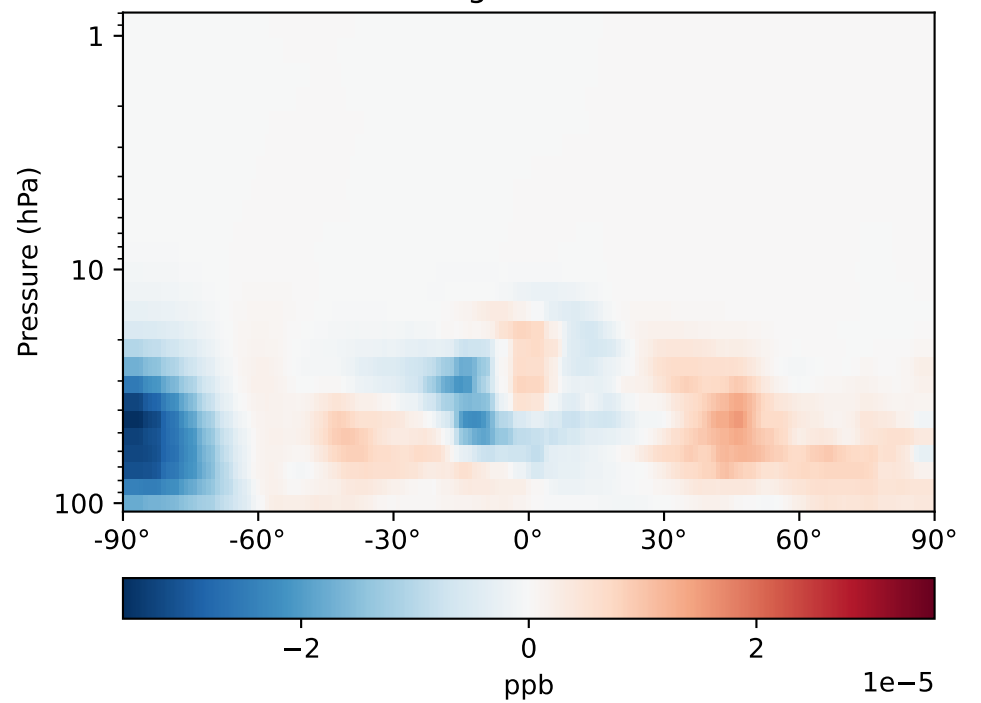


# SpeciesConcVV\_CH3CCl3, Zonal Mean

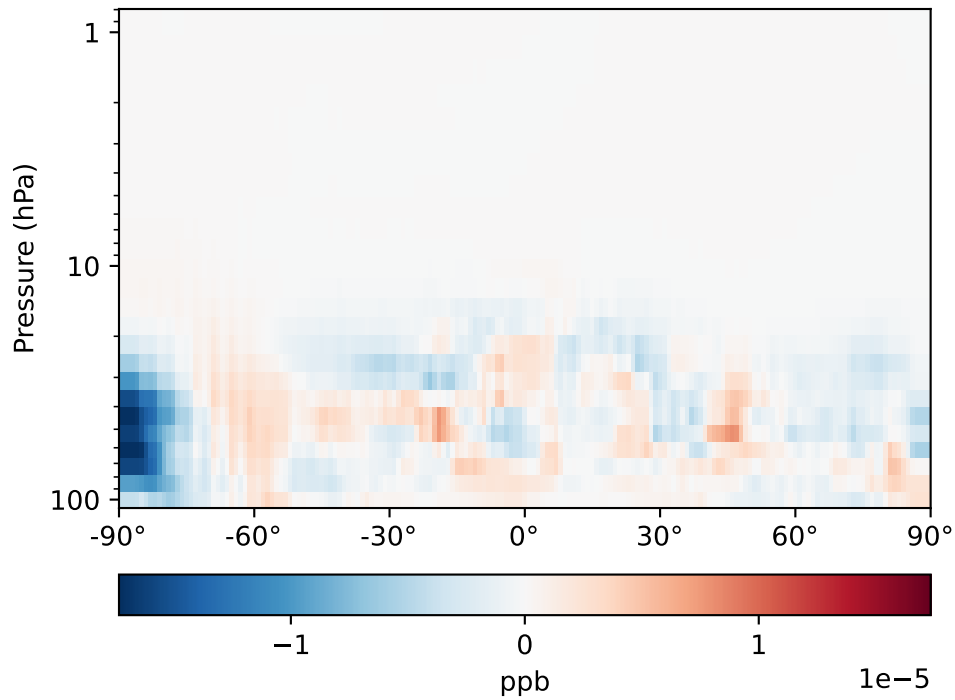
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



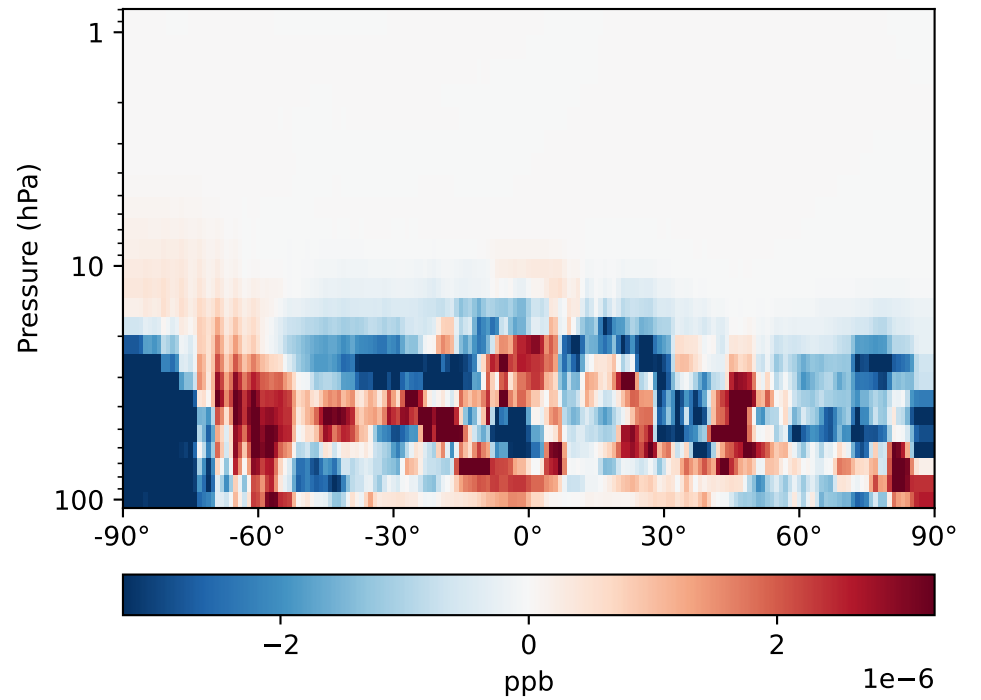
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



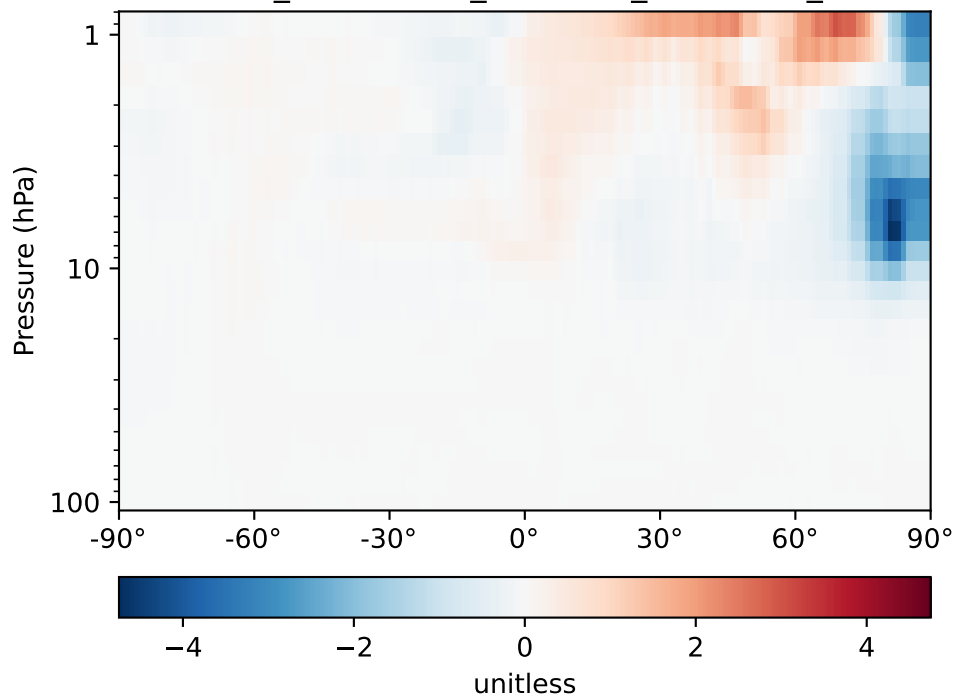
Difference (1x1.25)  
Dev - Ref, Dynamic Range



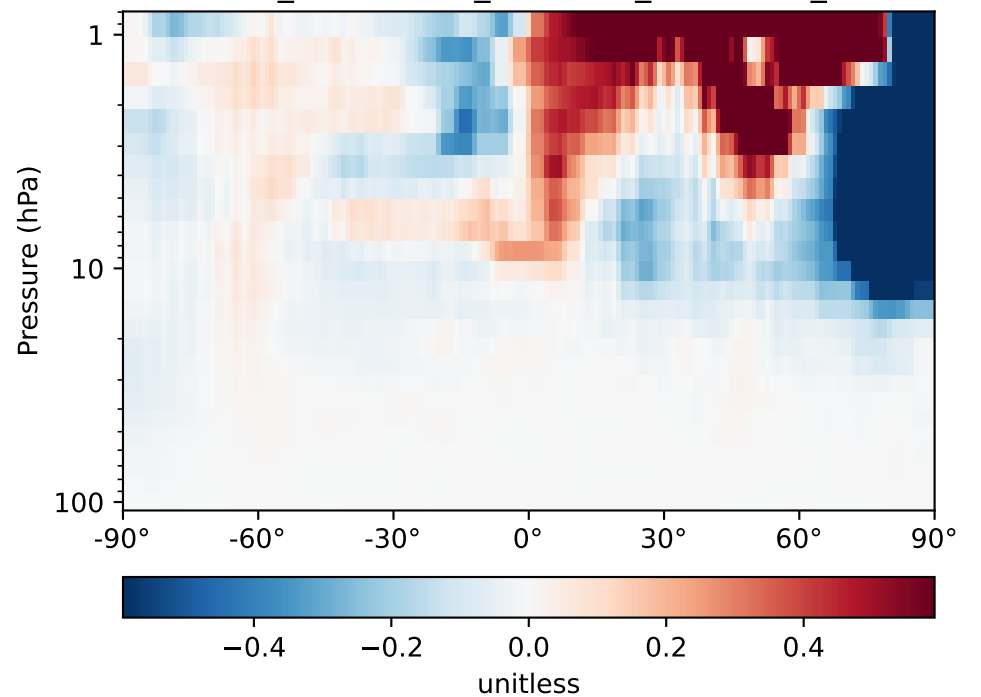
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

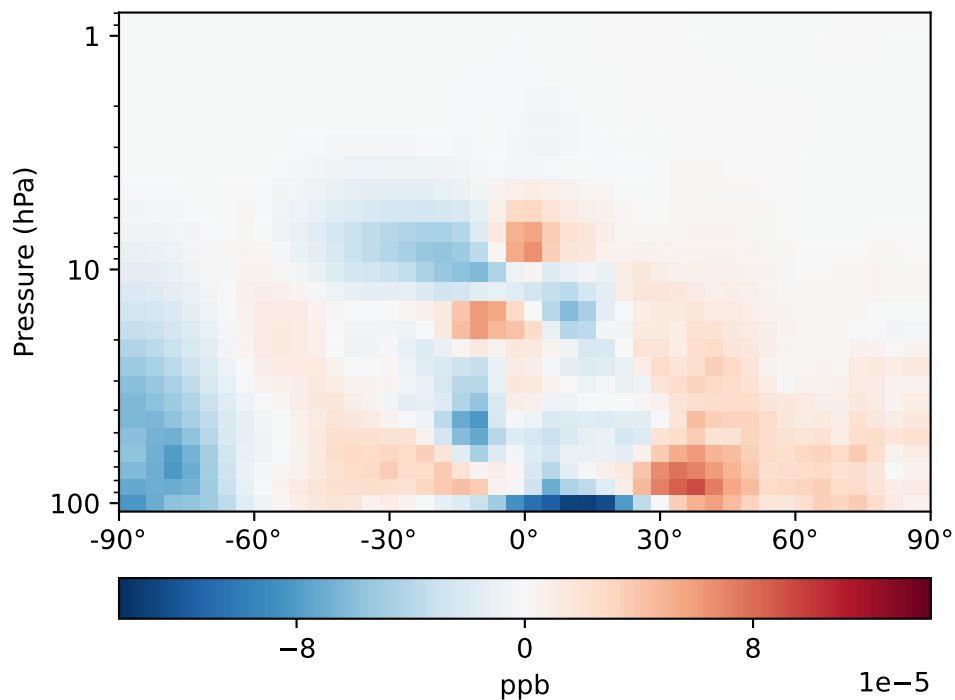


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

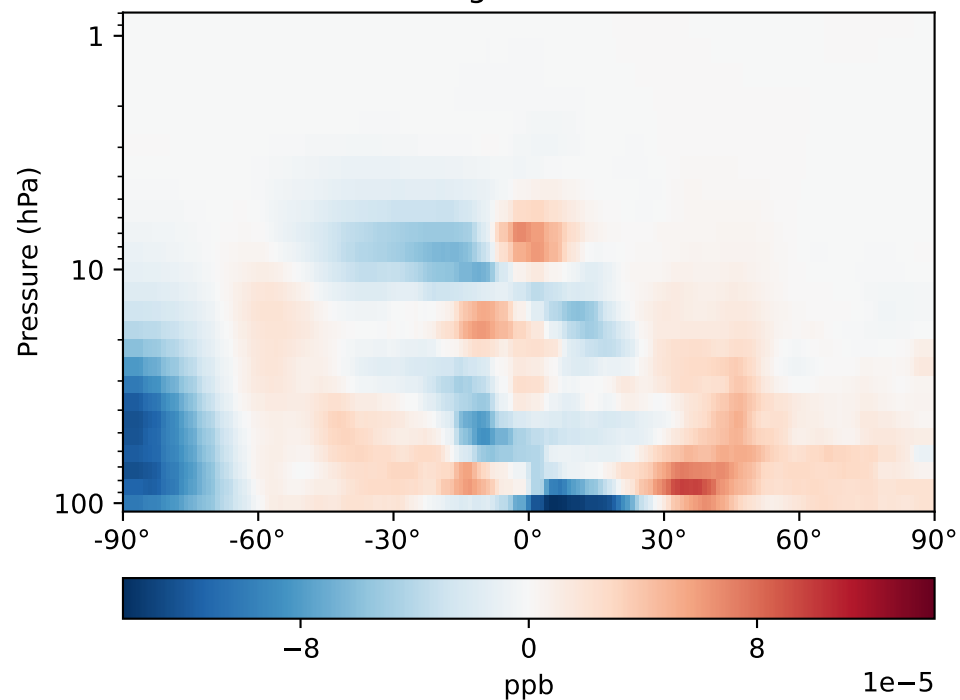


# SpeciesConcVV\_CHCl3, Zonal Mean

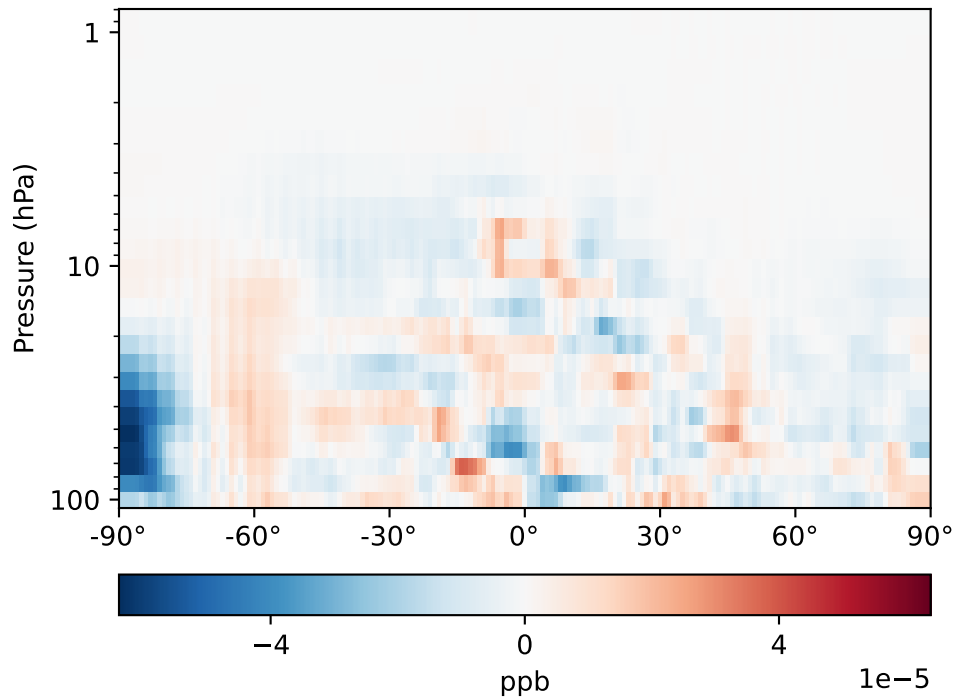
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



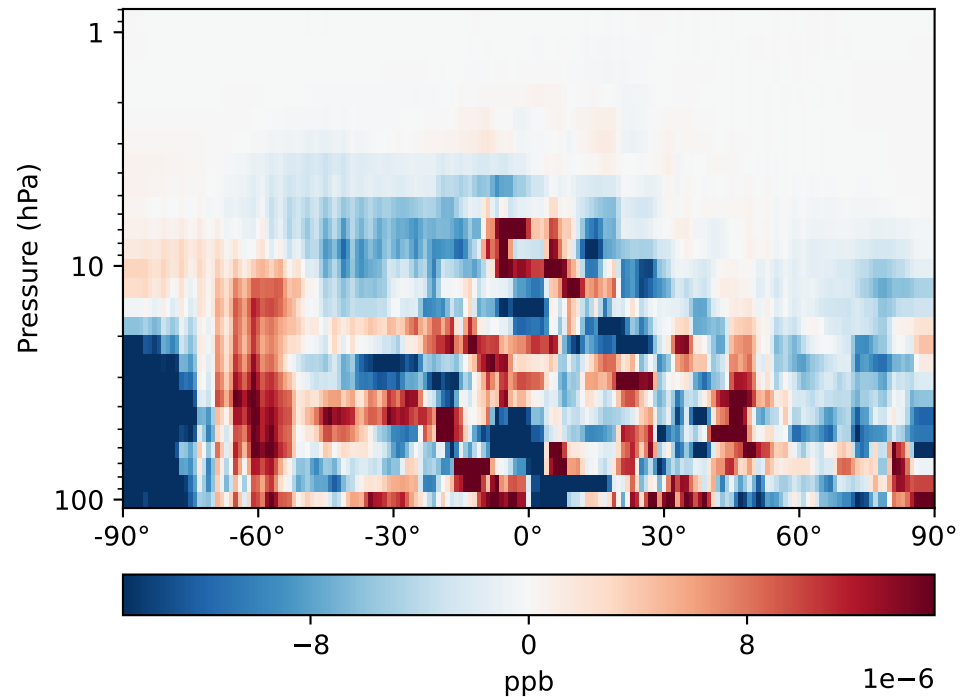
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



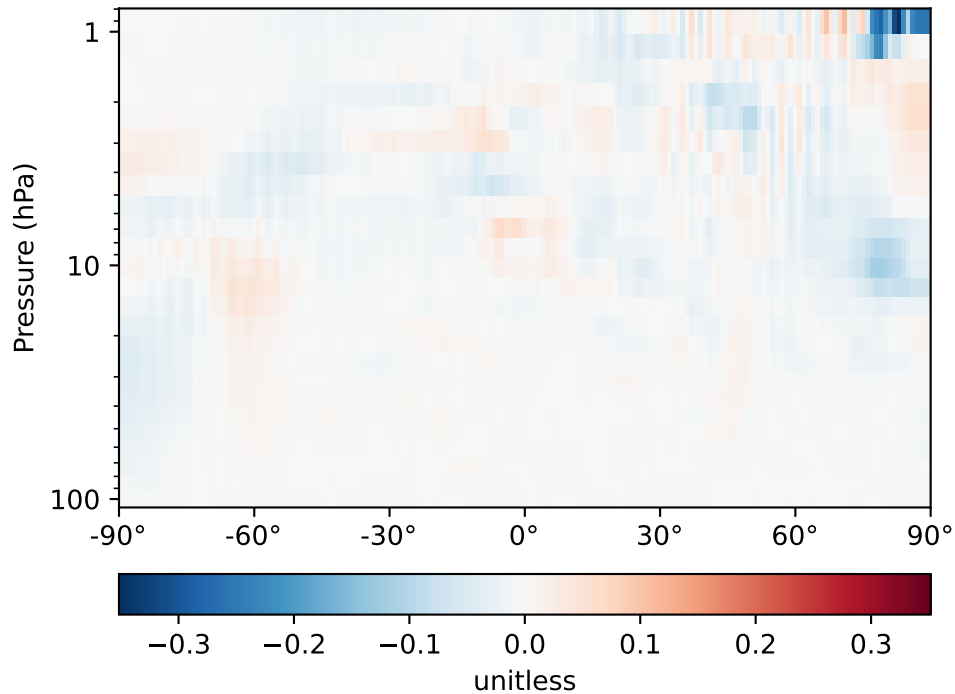
Difference (1x1.25)  
Dev - Ref, Dynamic Range



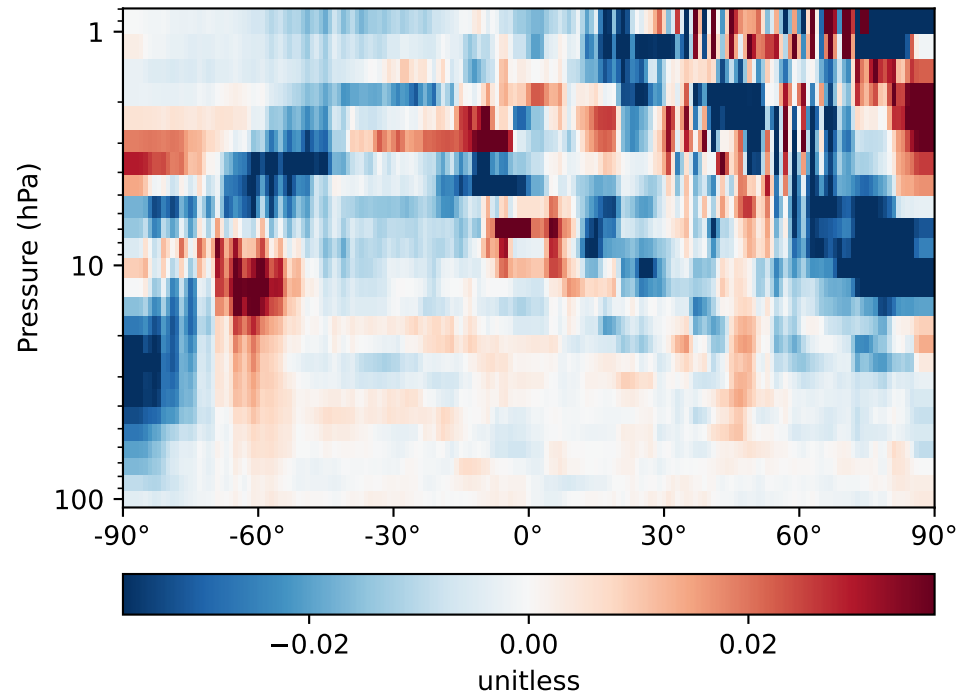
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

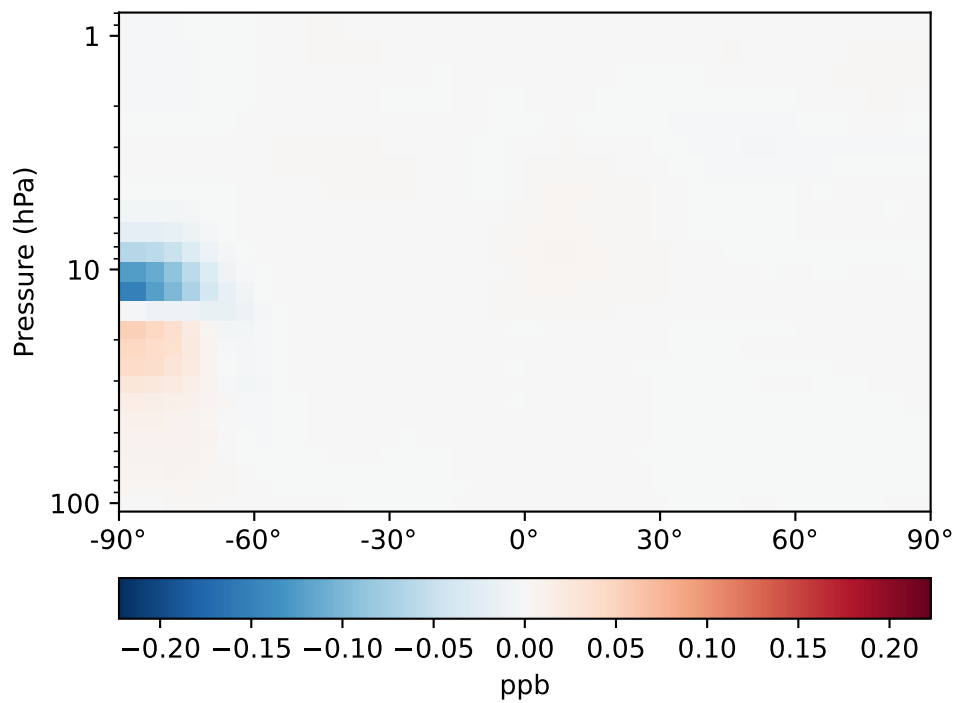


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

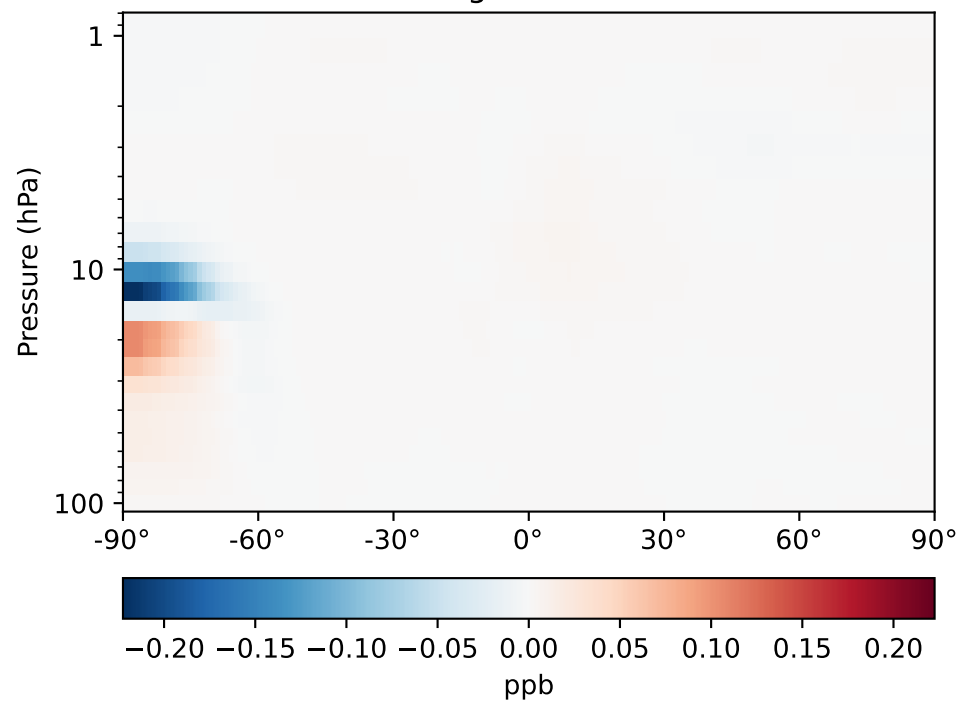


# SpeciesConcVV\_HOCl, Zonal Mean

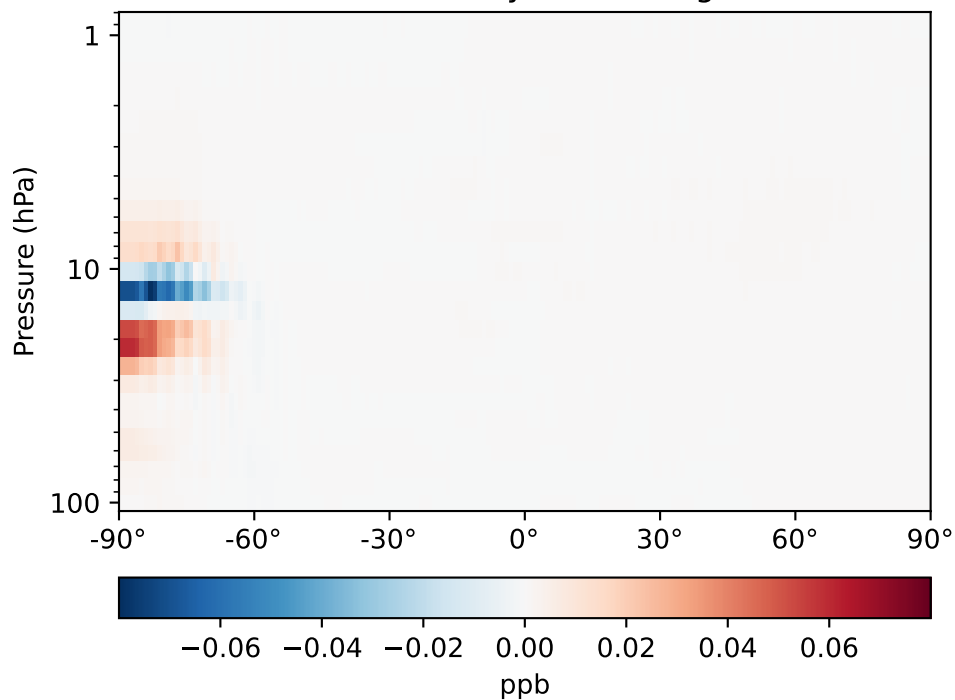
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



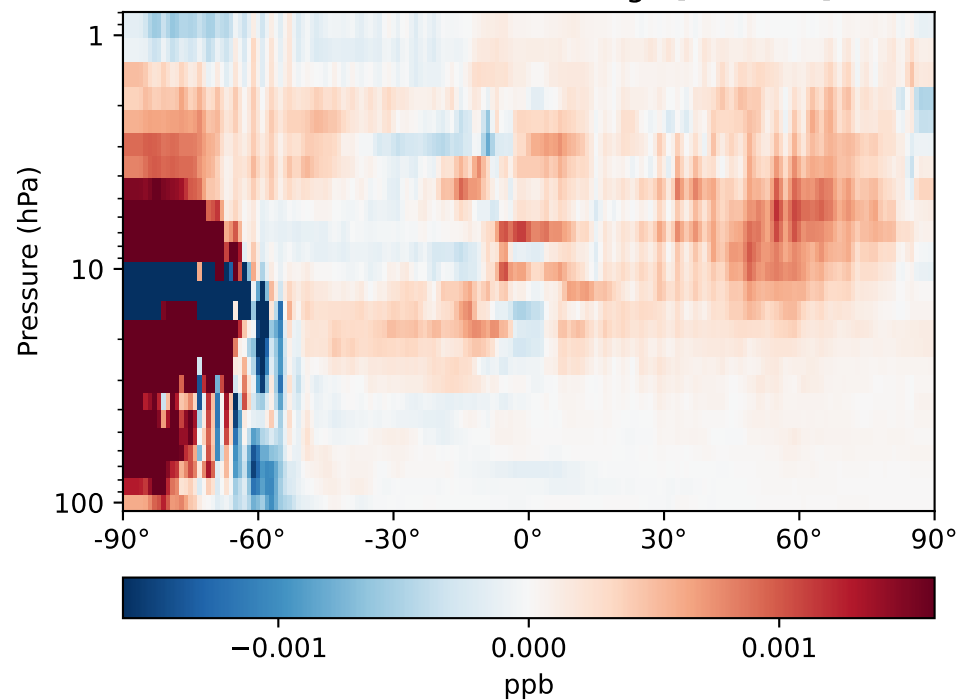
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



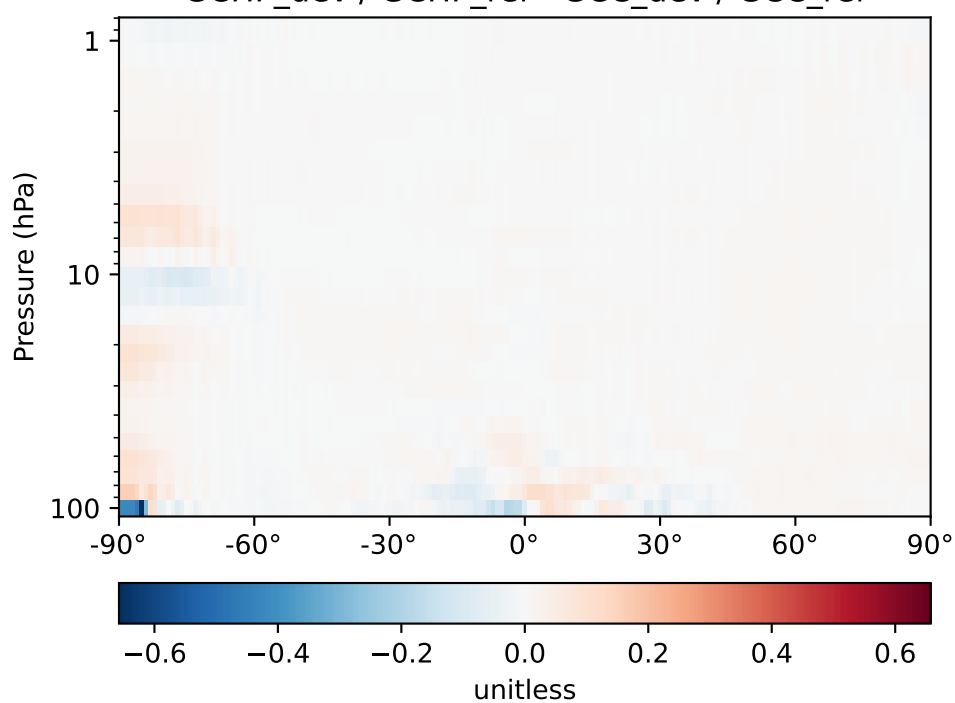
Difference (1x1.25)  
Dev - Ref, Dynamic Range



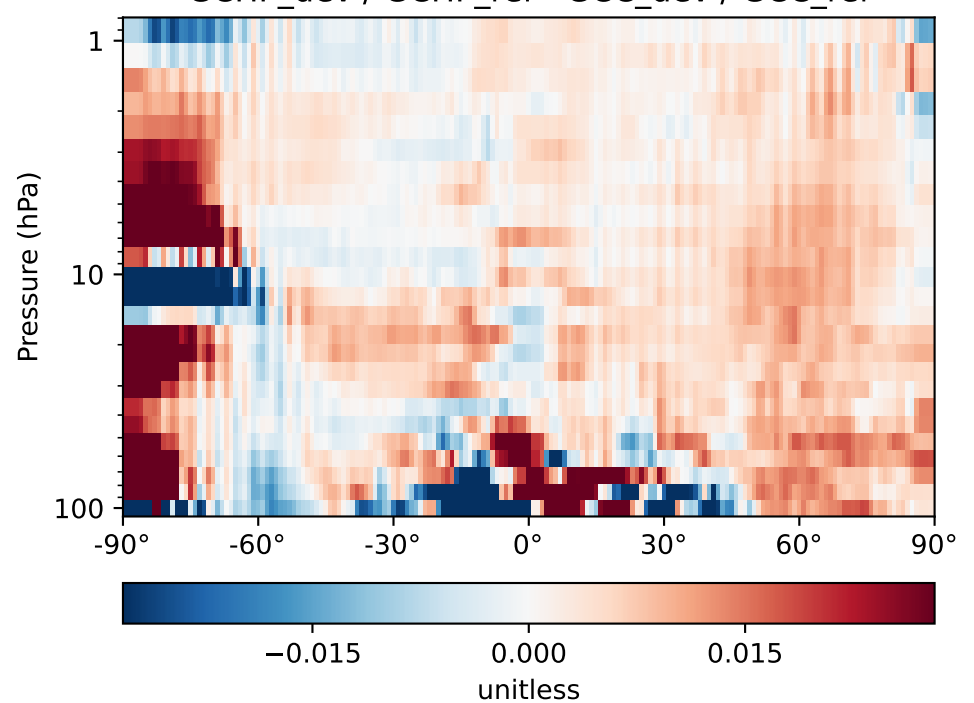
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



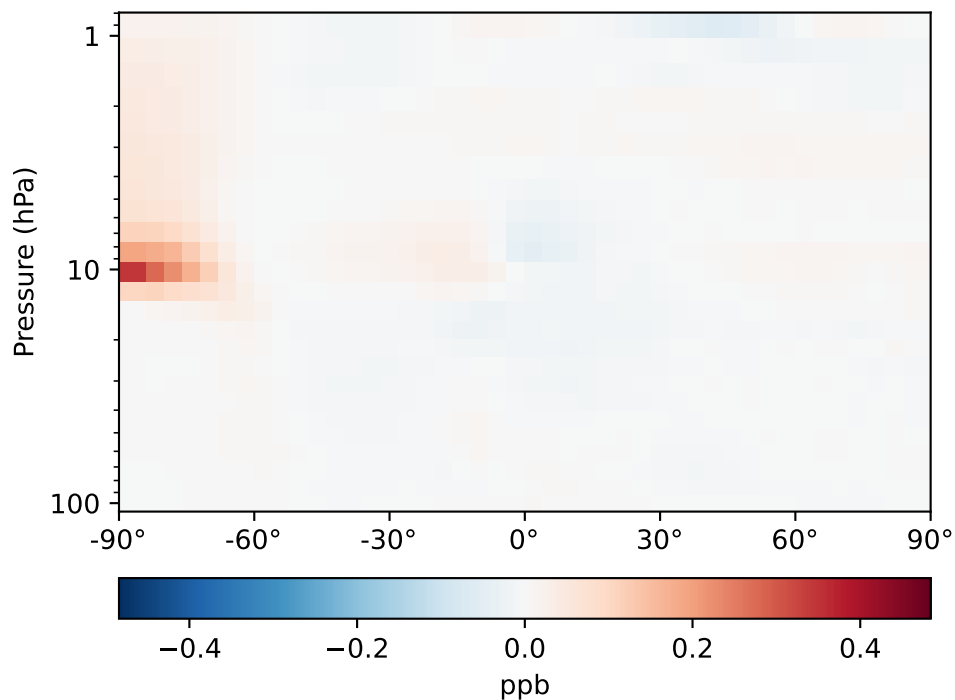
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



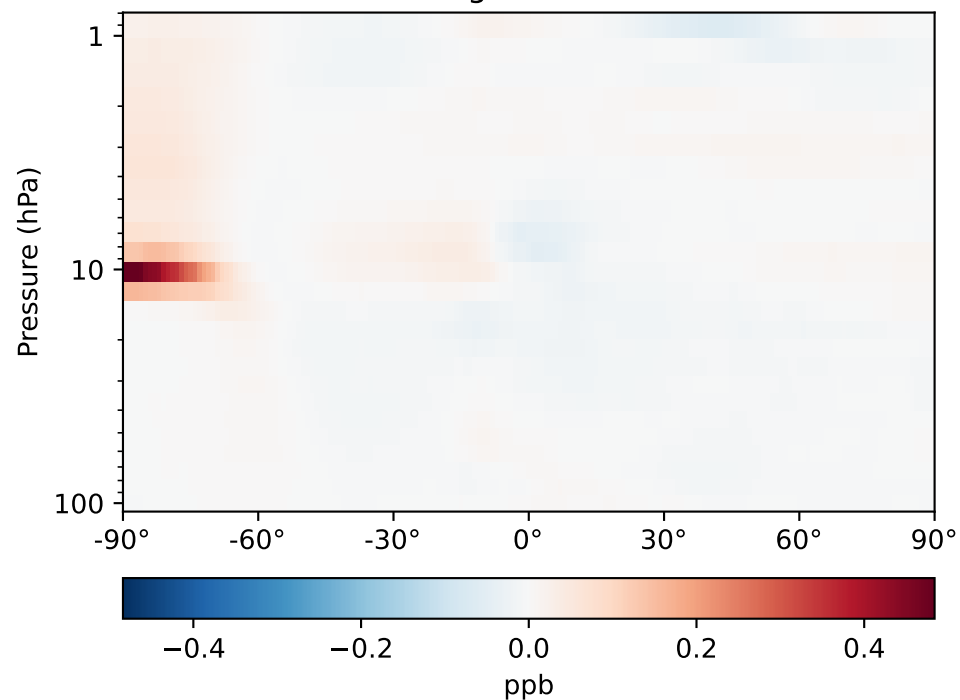


# SpeciesConcVV\_HCl, Zonal Mean

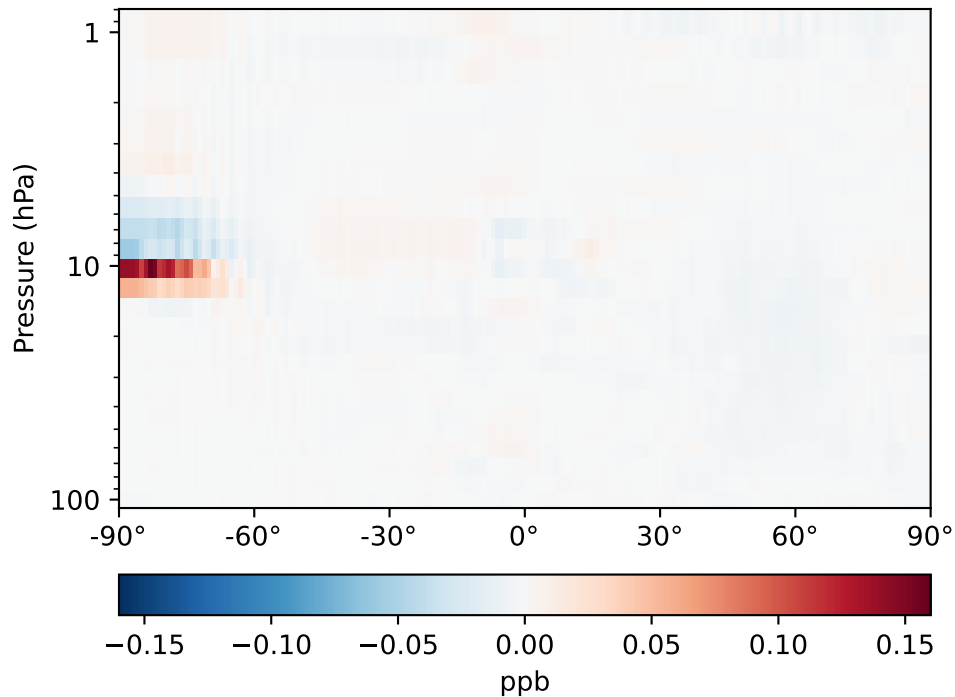
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



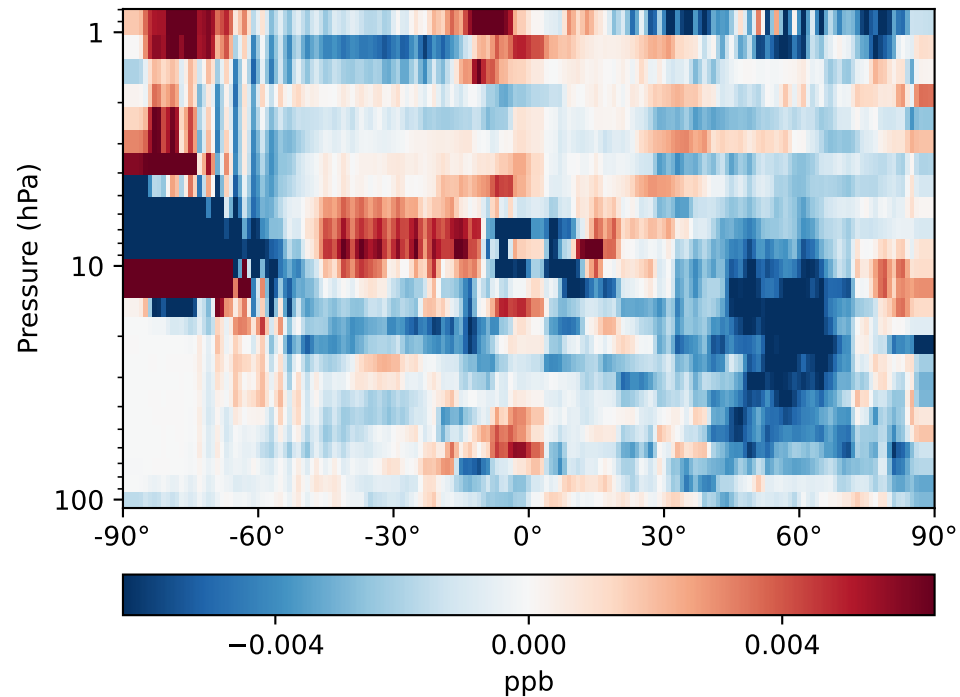
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



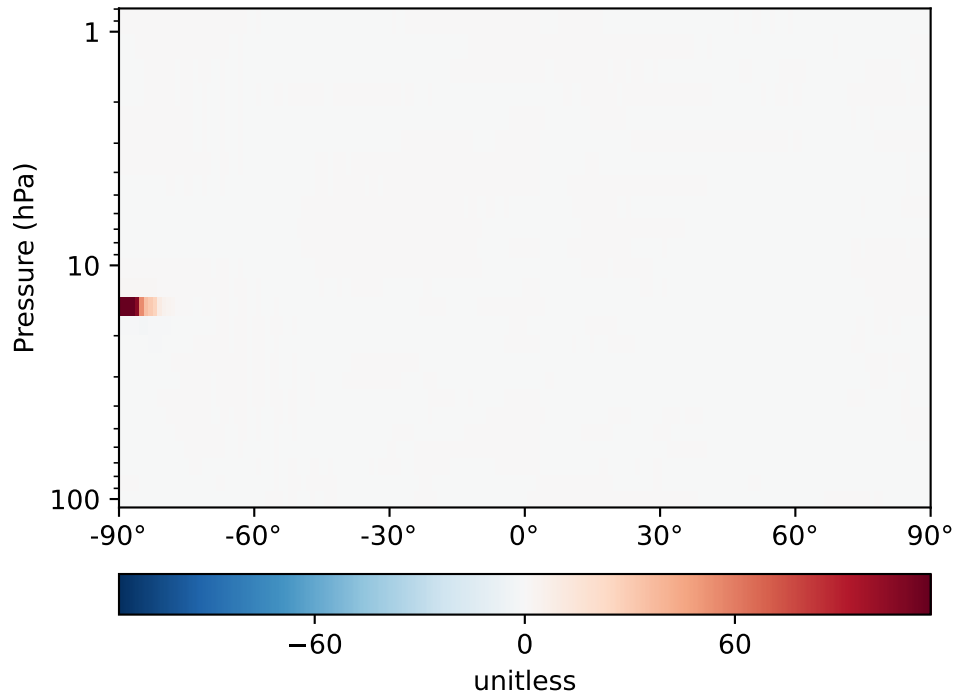
Difference (1x1.25)  
Dev - Ref, Dynamic Range



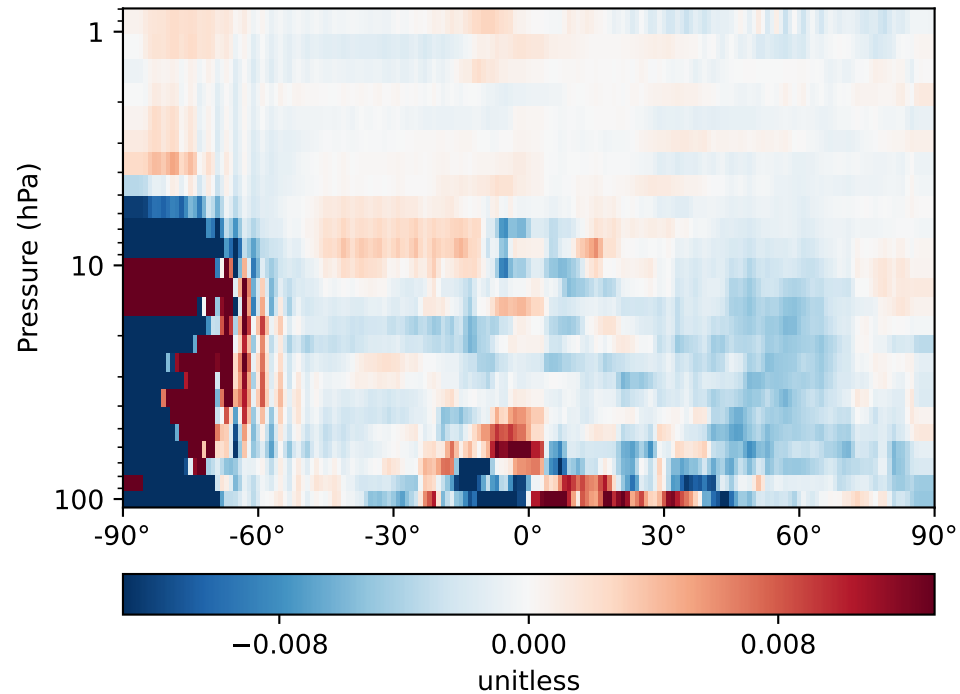
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

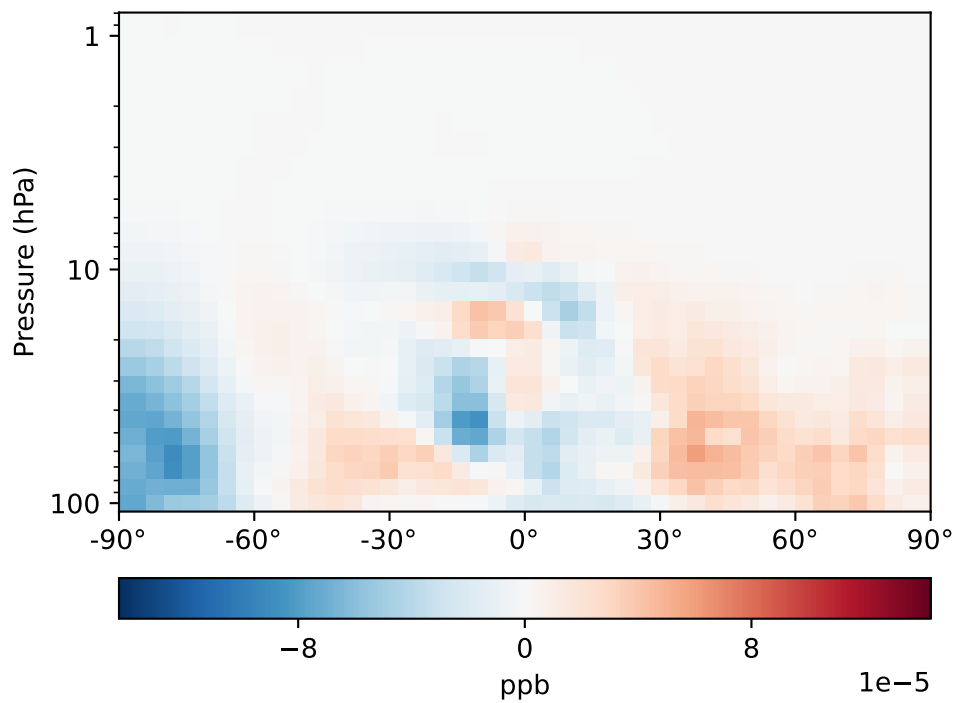


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

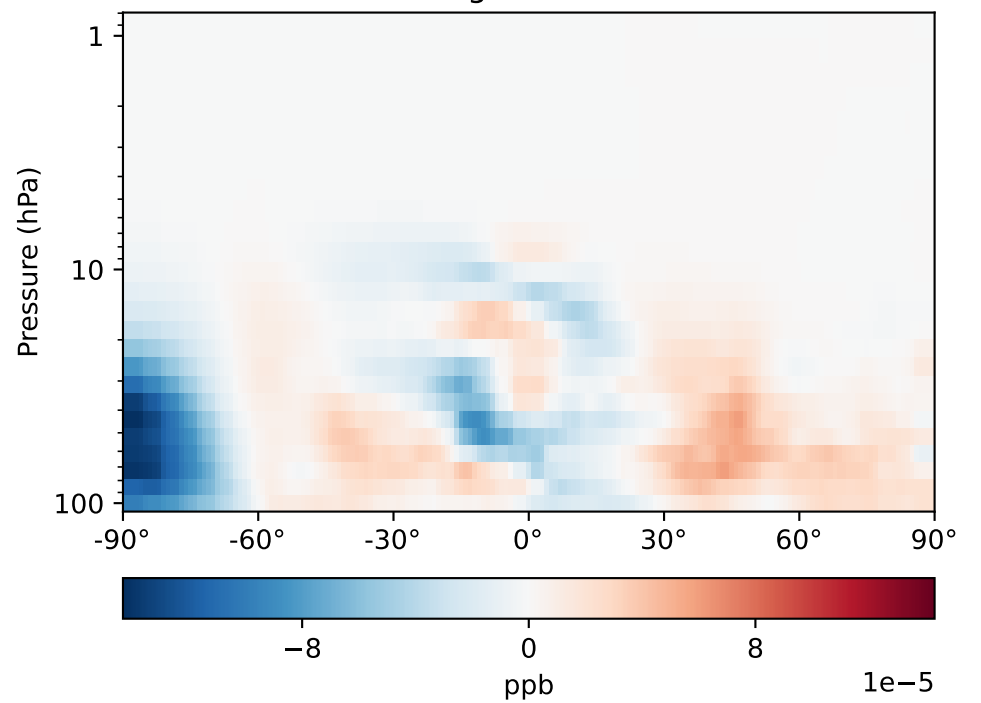


# SpeciesConcVV\_Halons, Zonal Mean

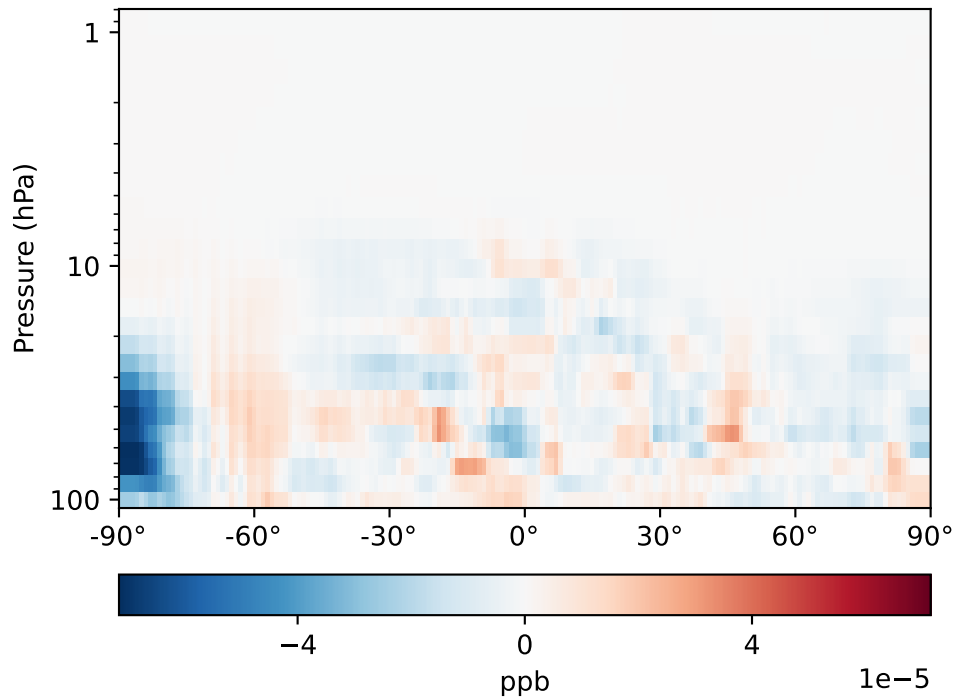
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



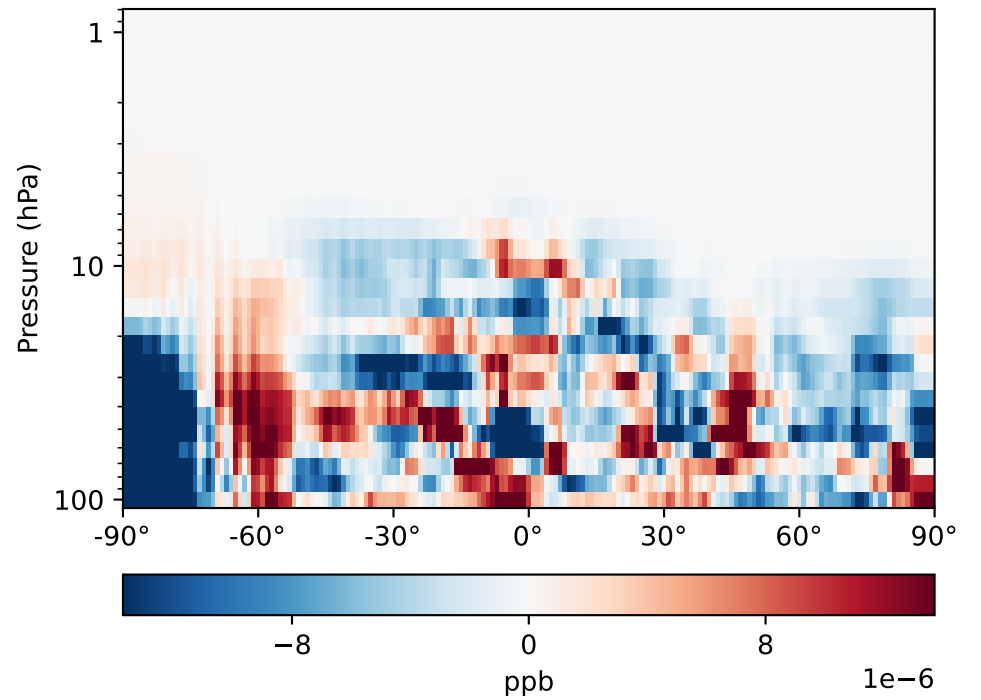
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



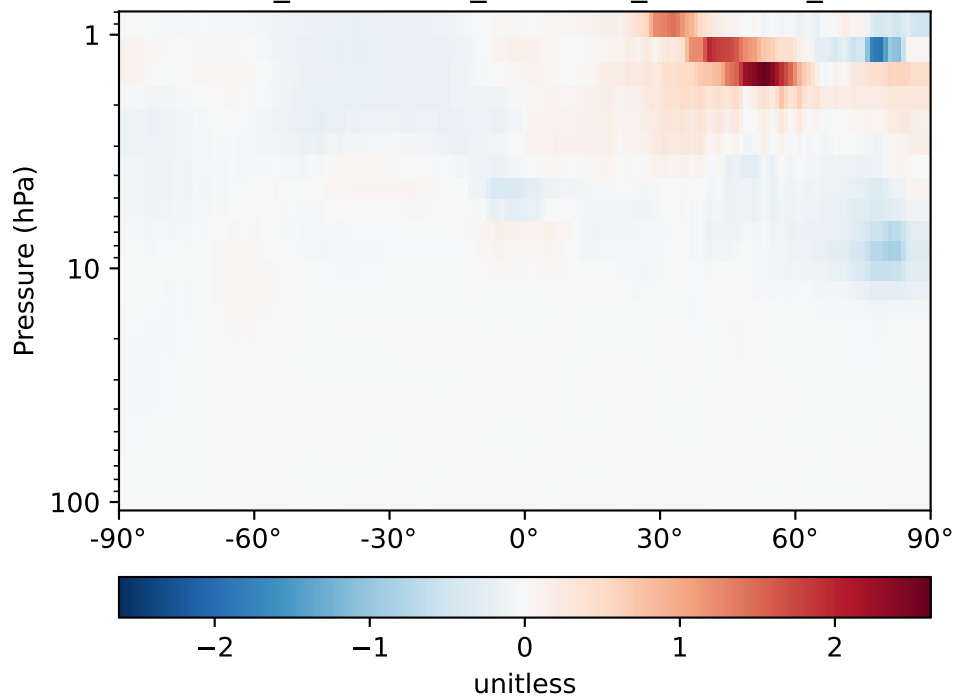
Difference (1x1.25)  
Dev - Ref, Dynamic Range



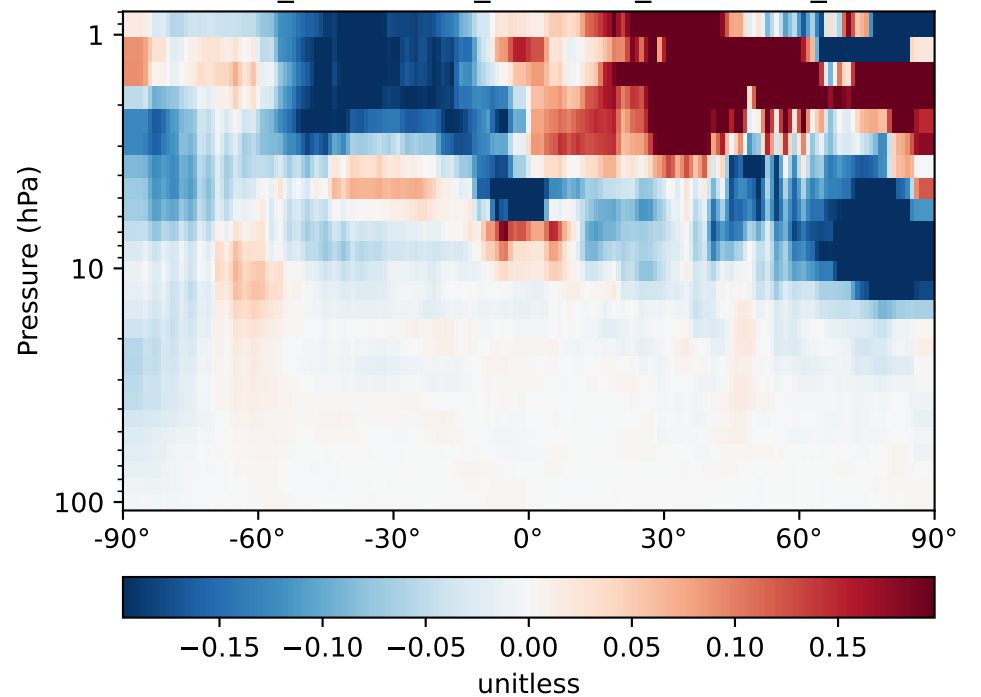
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

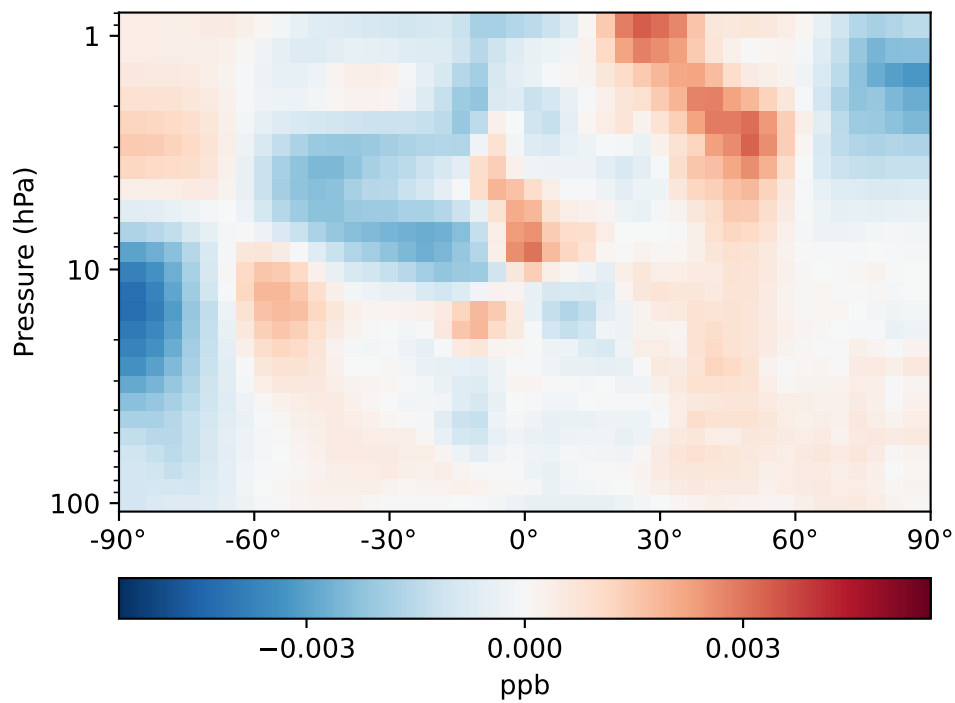


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

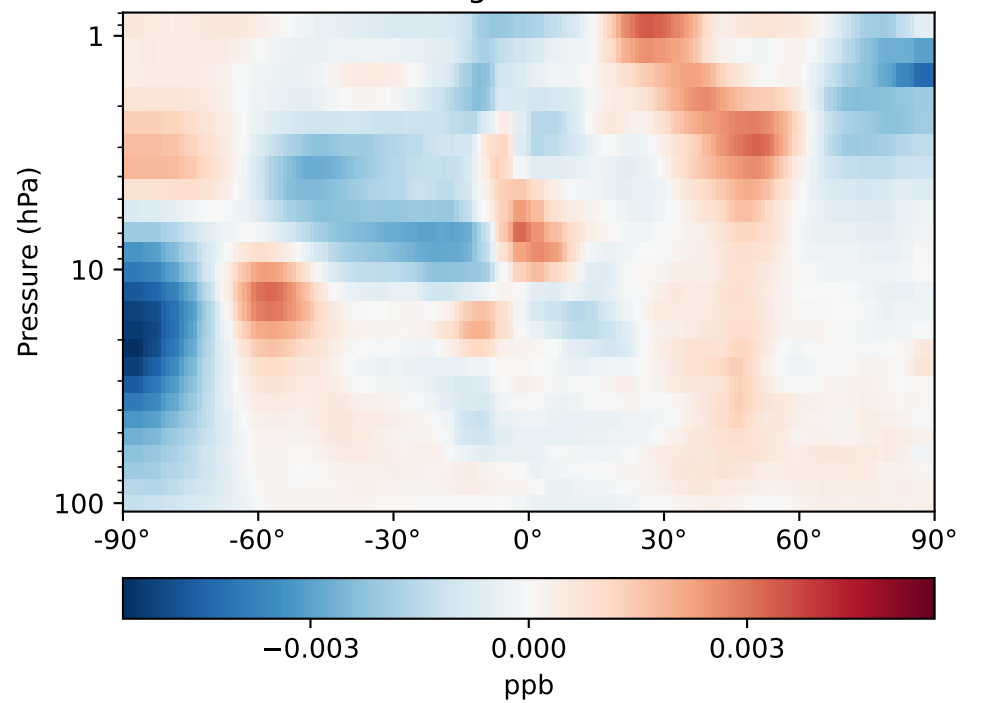


# SpeciesConcVV\_HCFCs, Zonal Mean

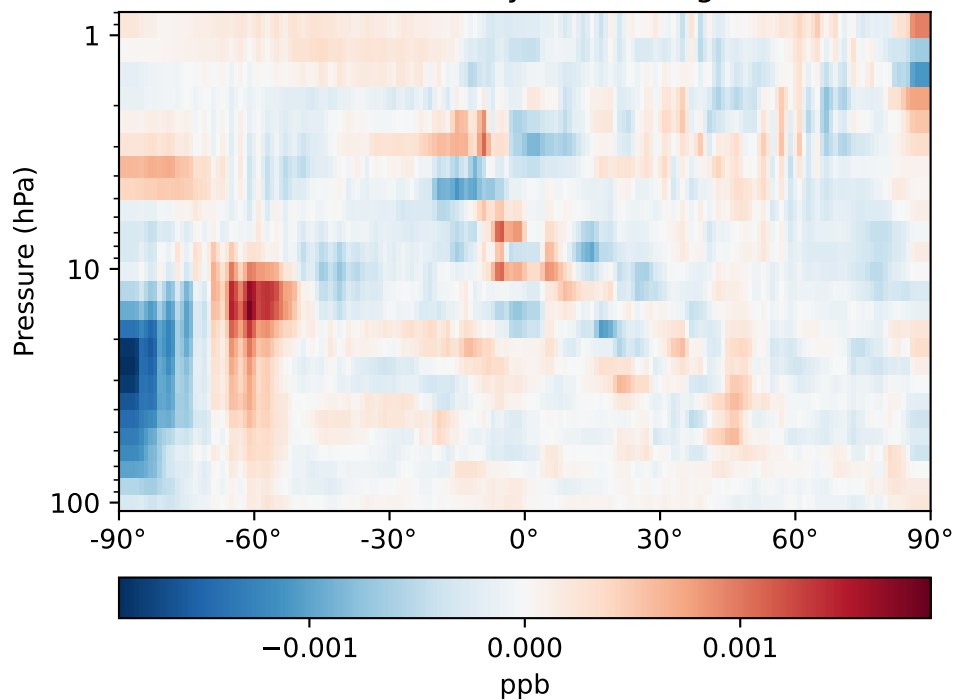
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



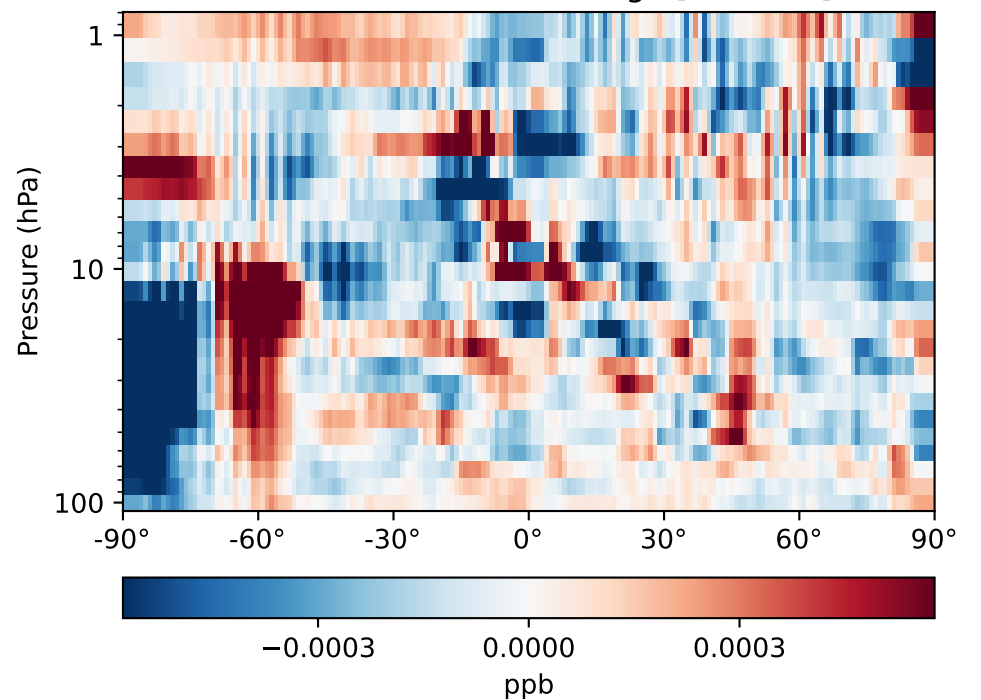
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



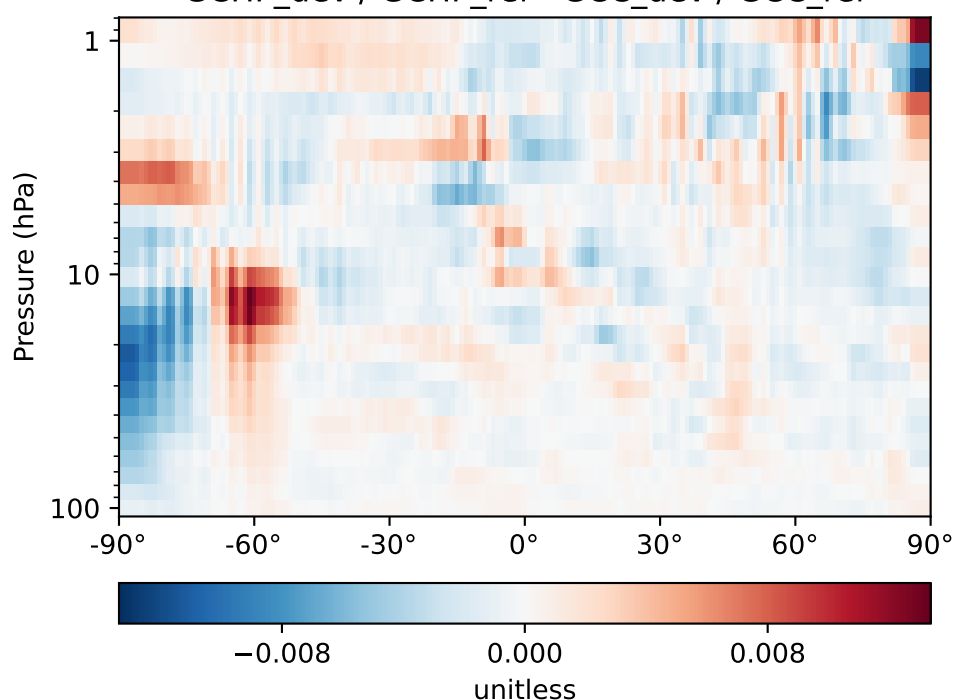
Difference (1x1.25)  
Dev - Ref, Dynamic Range



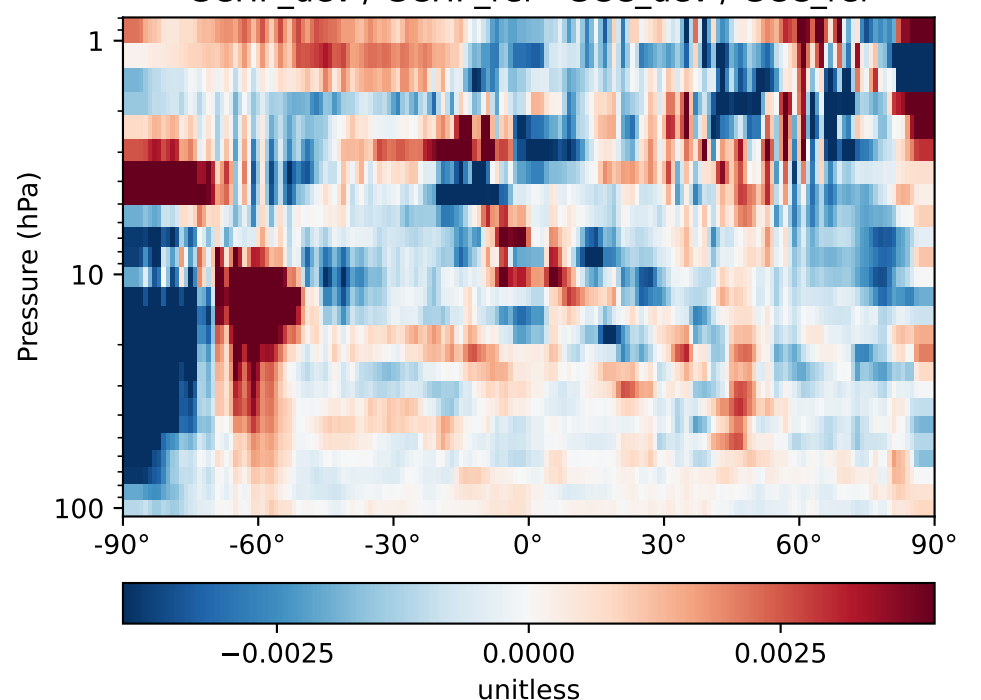
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

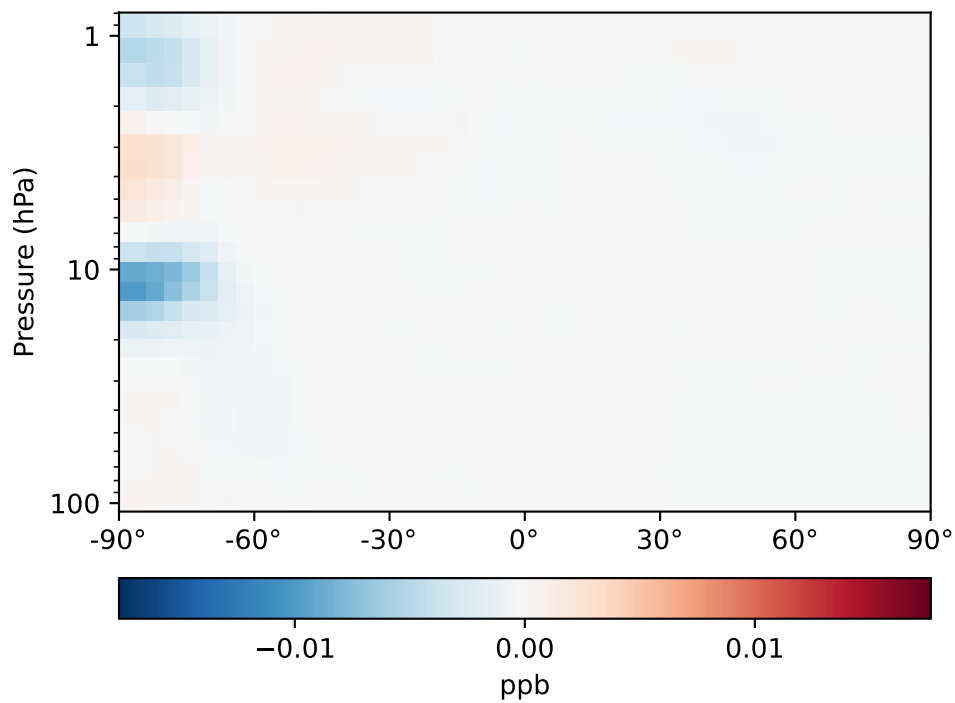


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

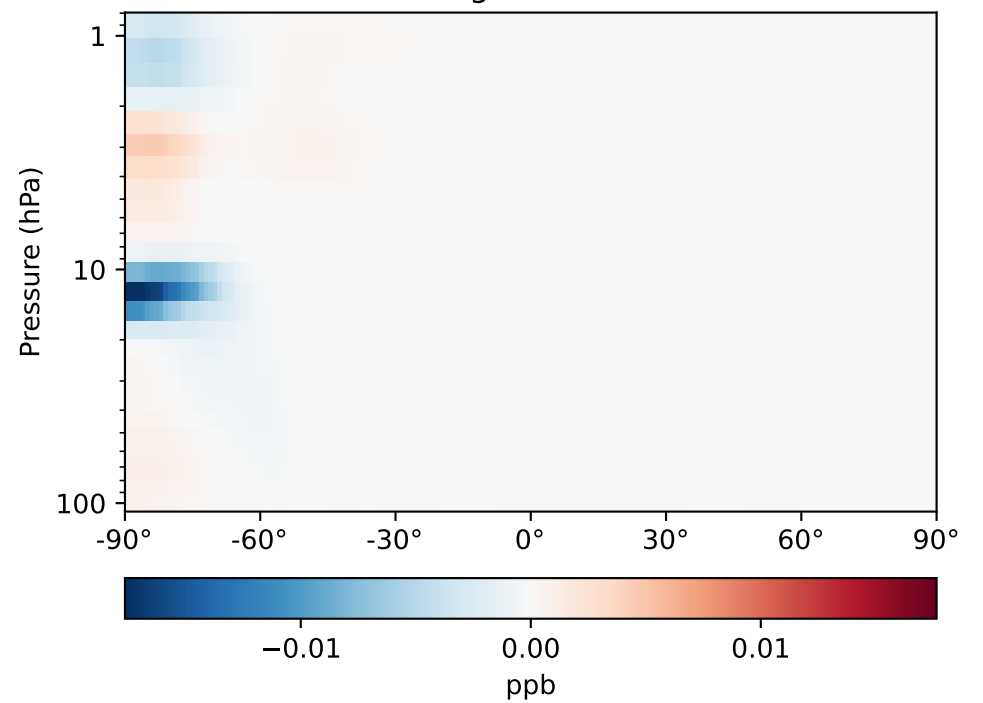


# SpeciesConcVV\_OClO, Zonal Mean

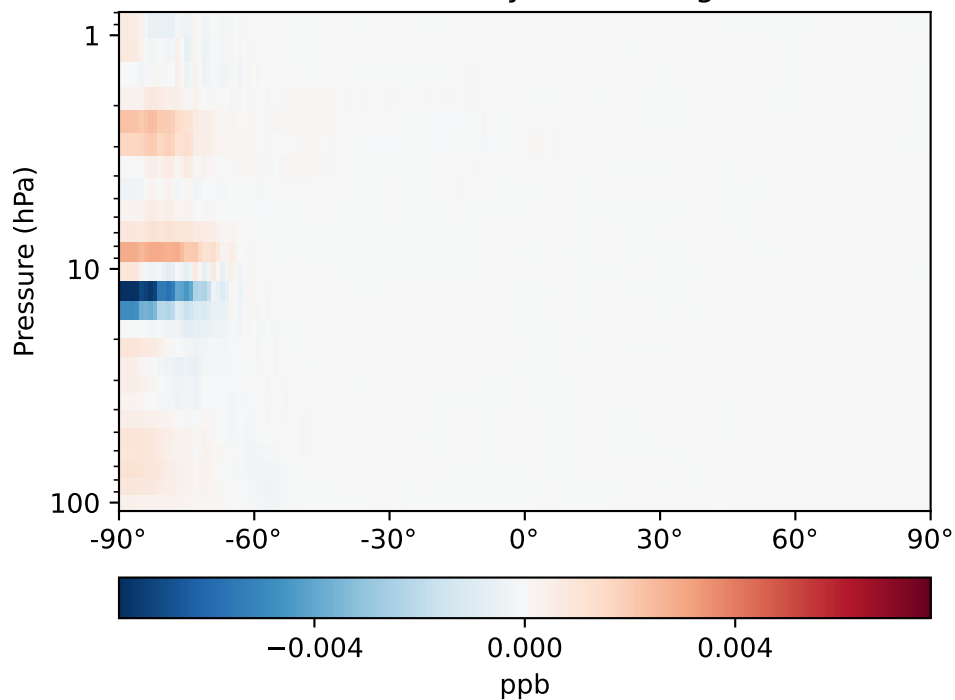
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



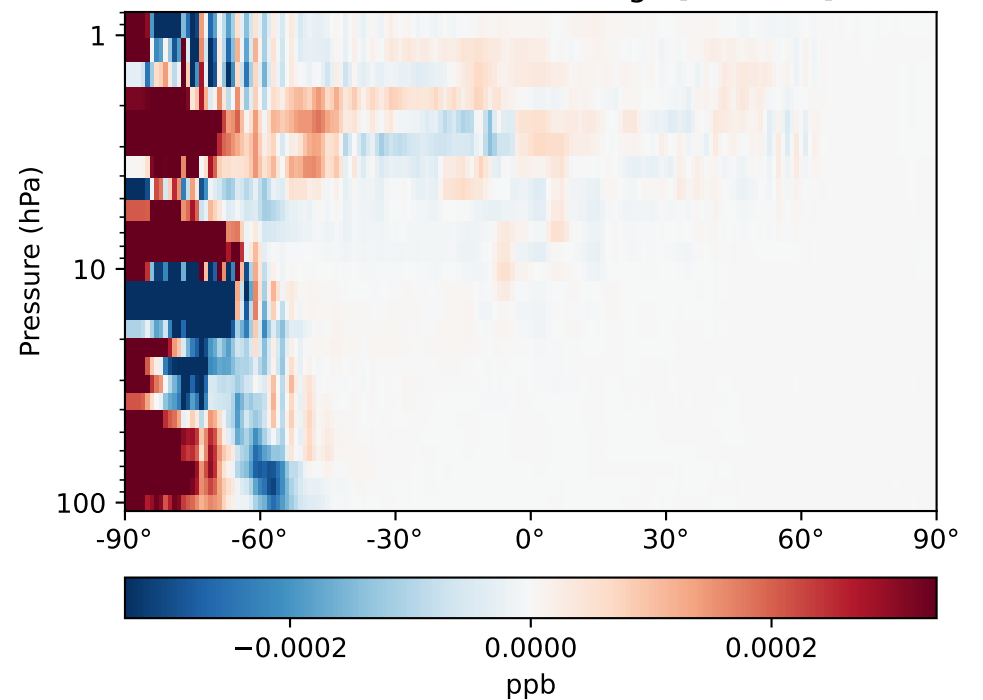
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



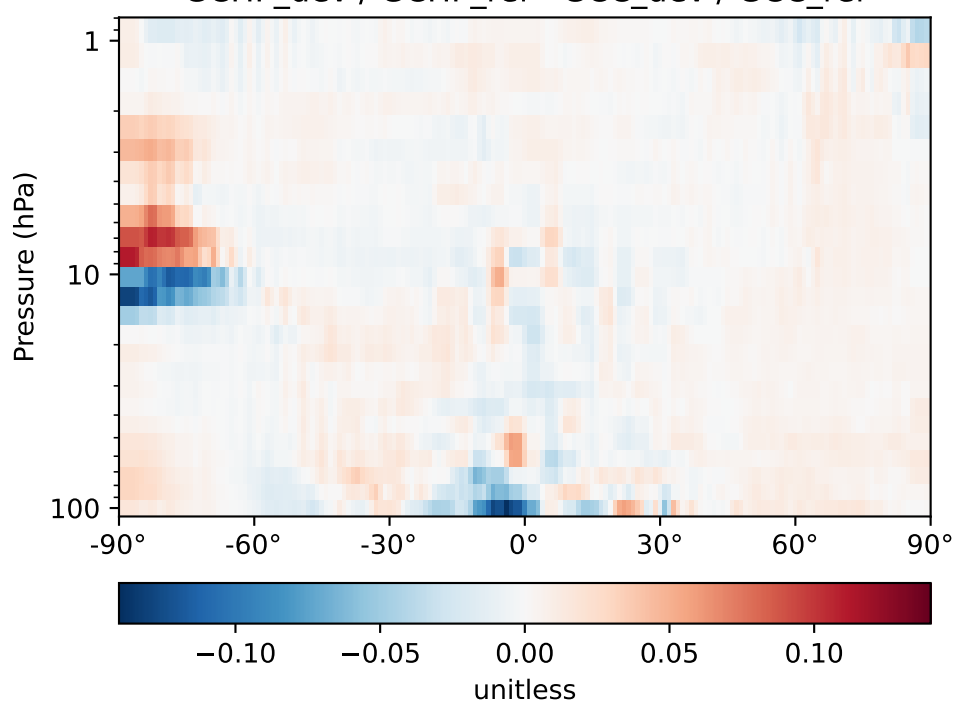
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

