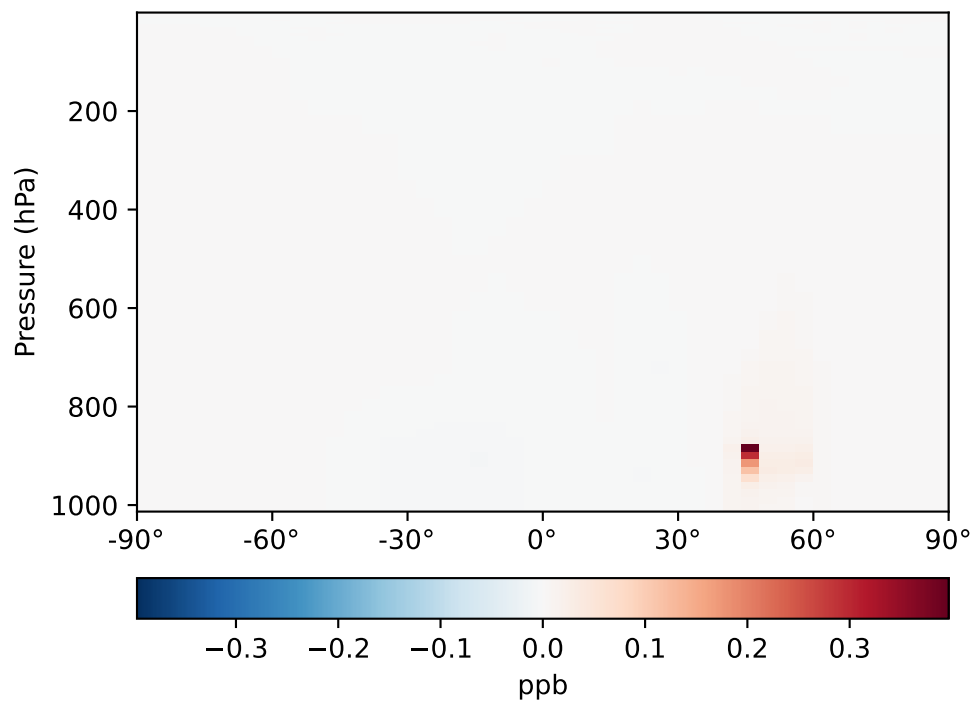
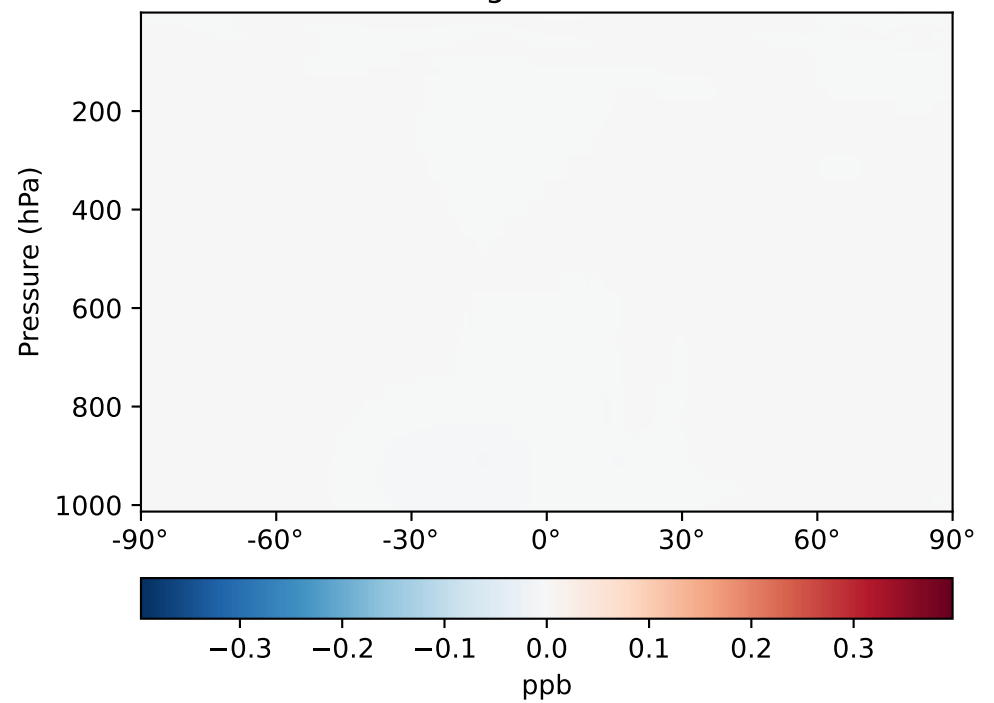


# SpeciesConcVV\_Bry, Zonal Mean

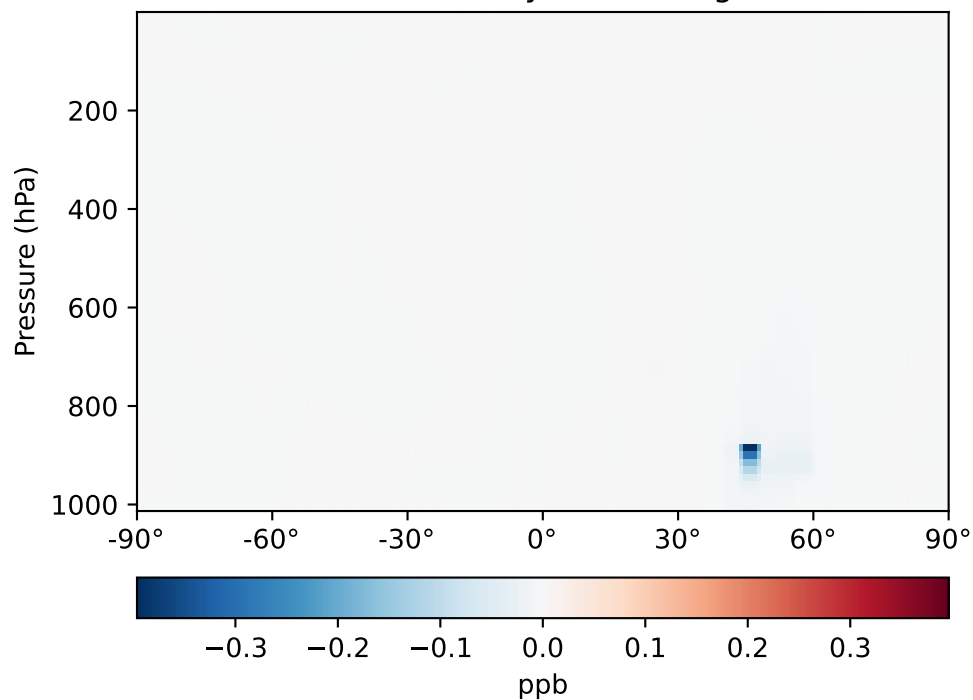
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



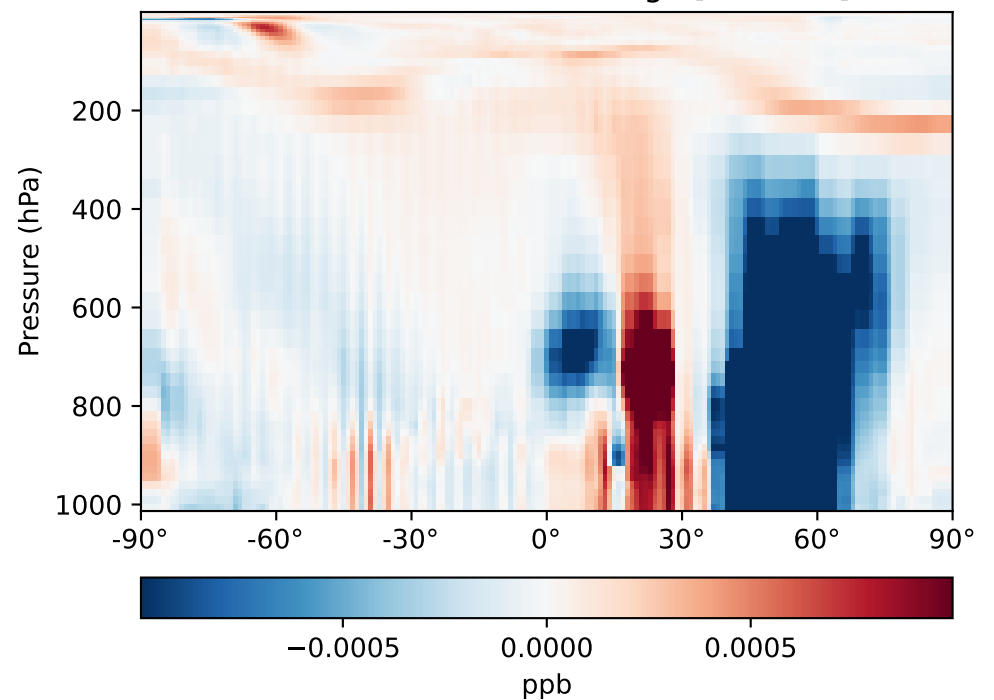
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



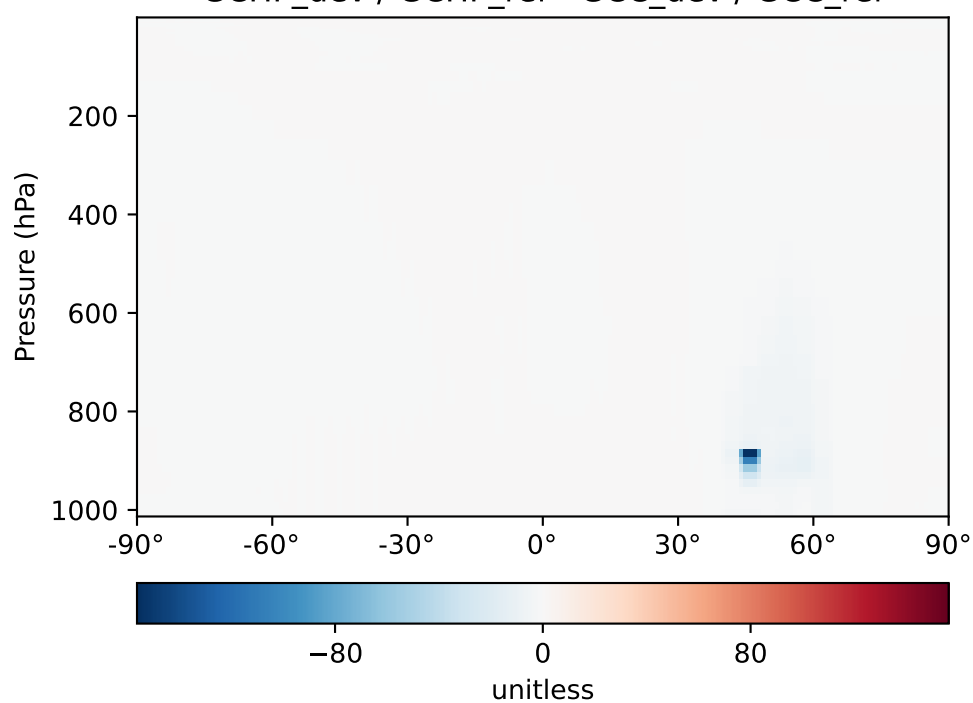
Difference (1x1.25)  
Dev - Ref, Dynamic Range



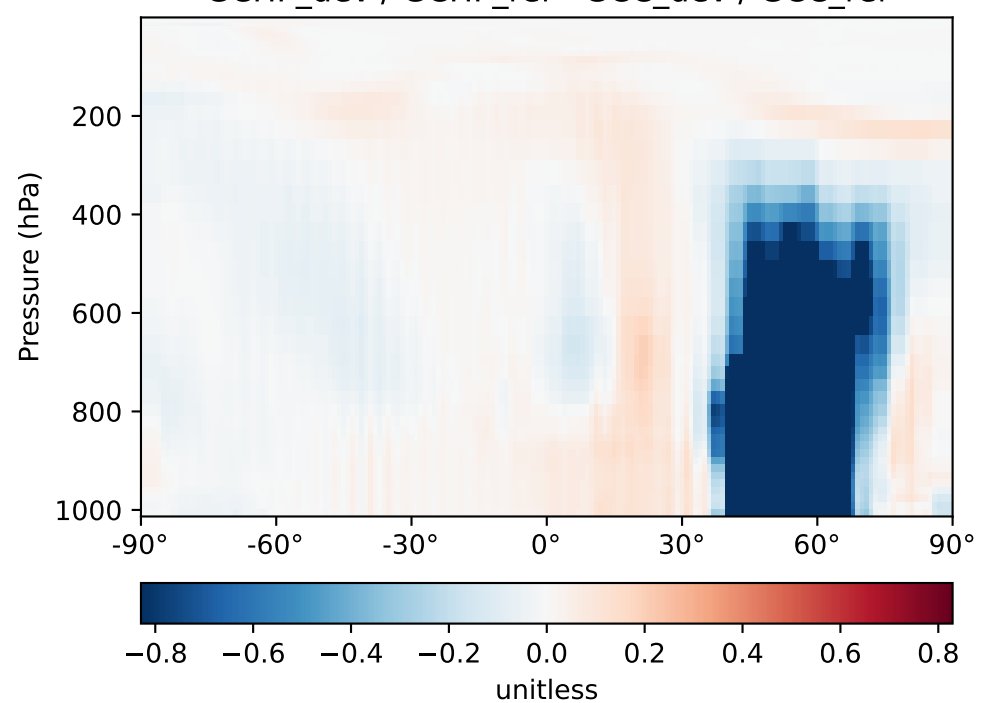
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

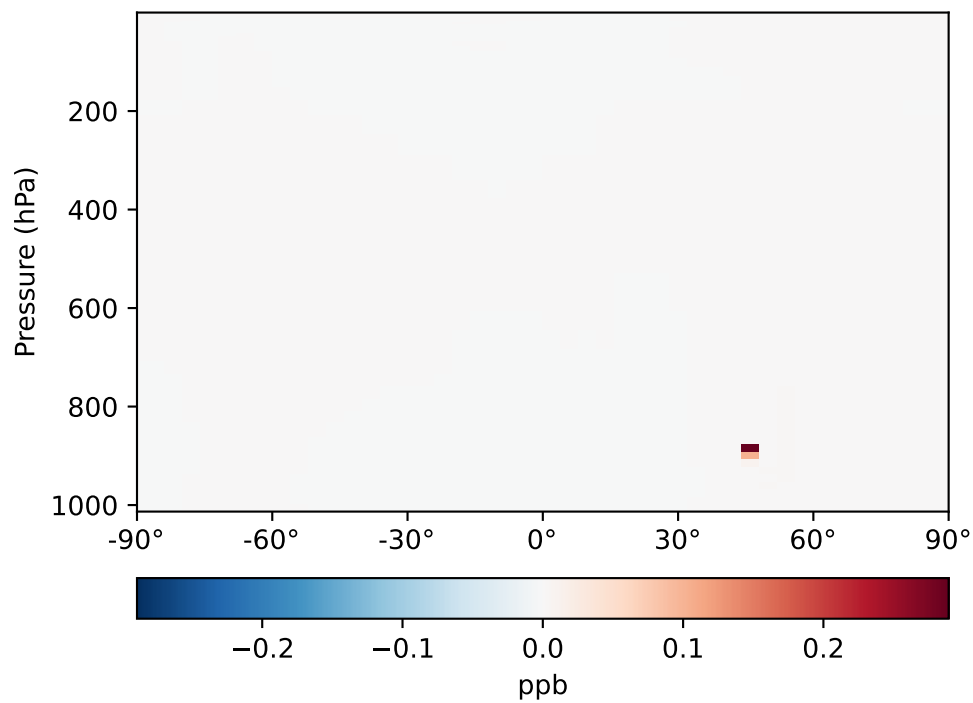


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

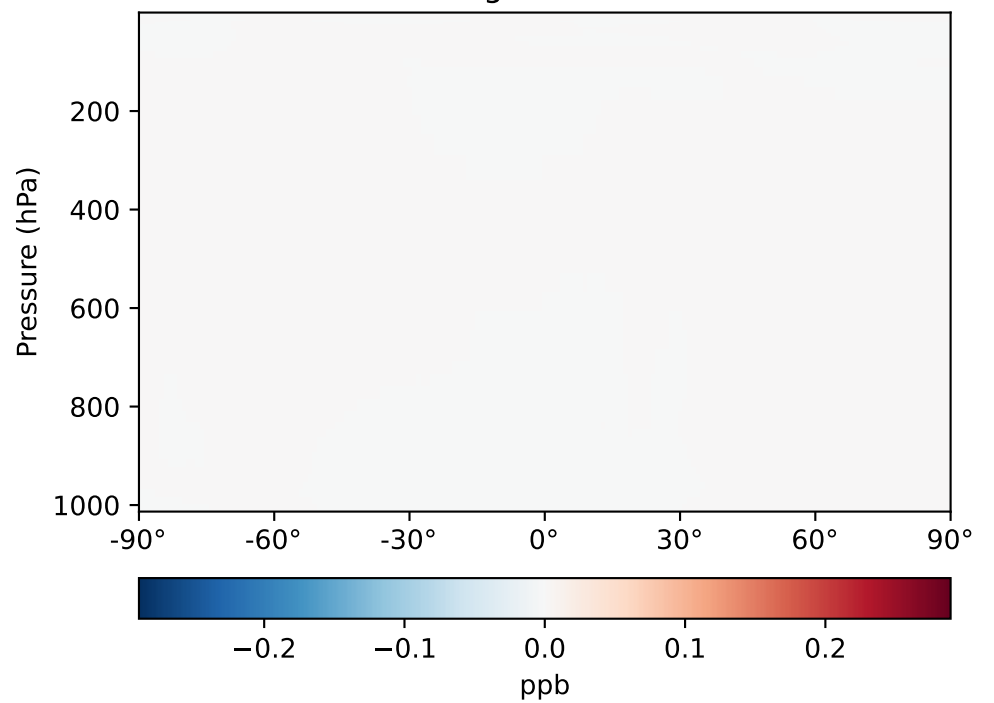


# SpeciesConcVV\_BrOx, Zonal Mean

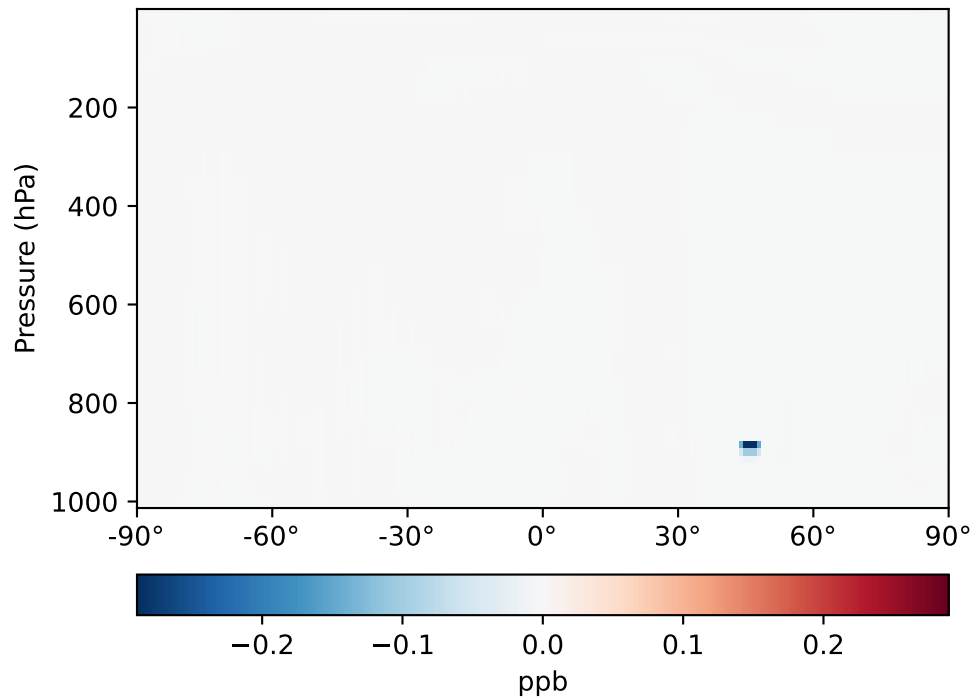
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



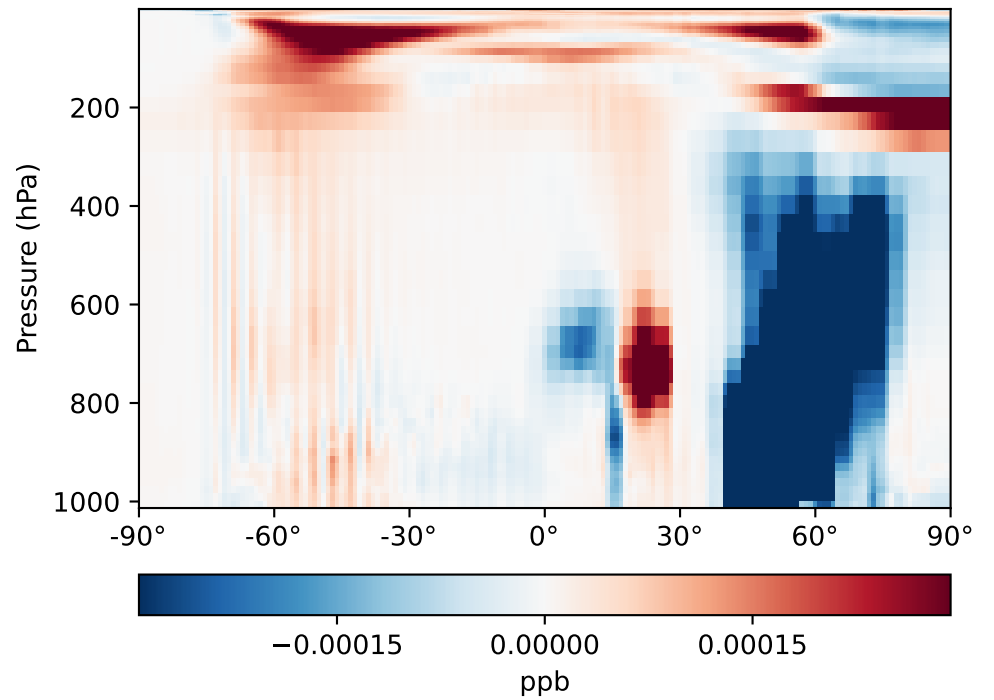
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



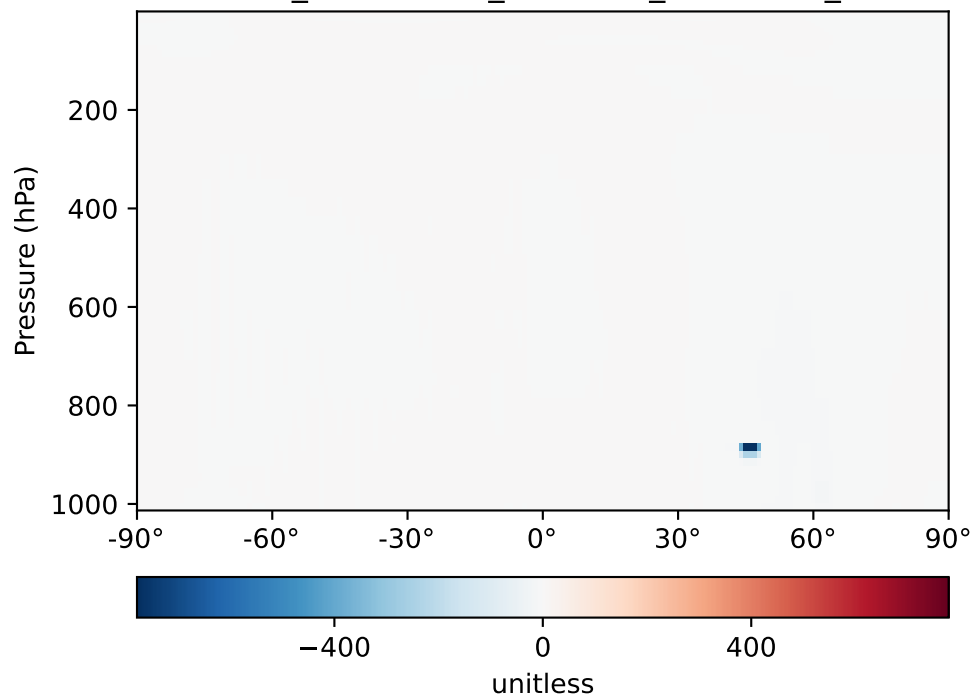
Difference (1x1.25)  
Dev - Ref, Dynamic Range



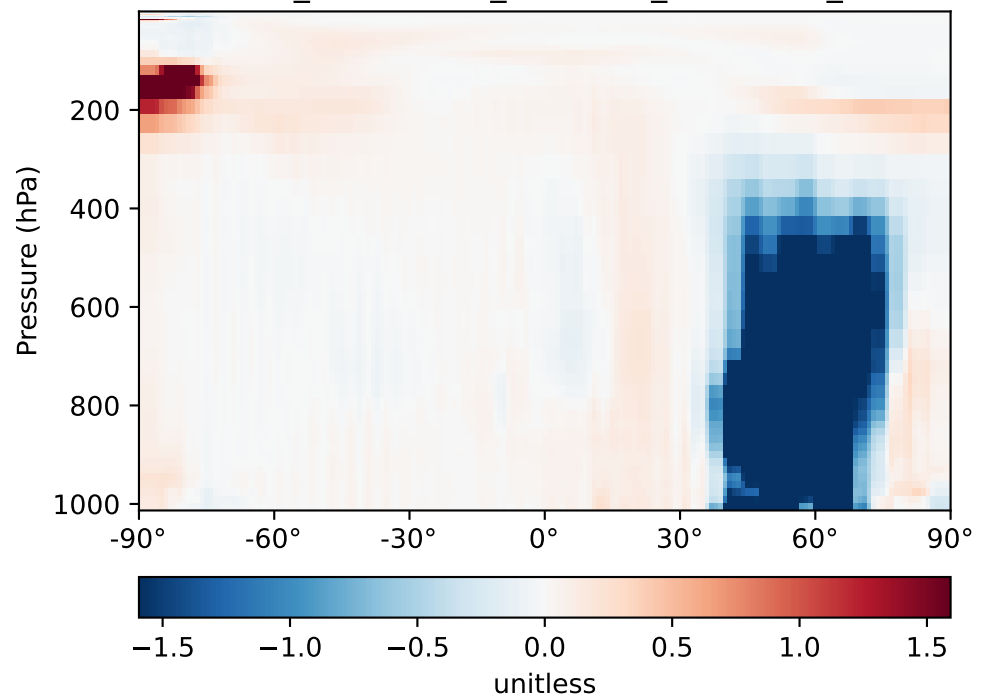
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

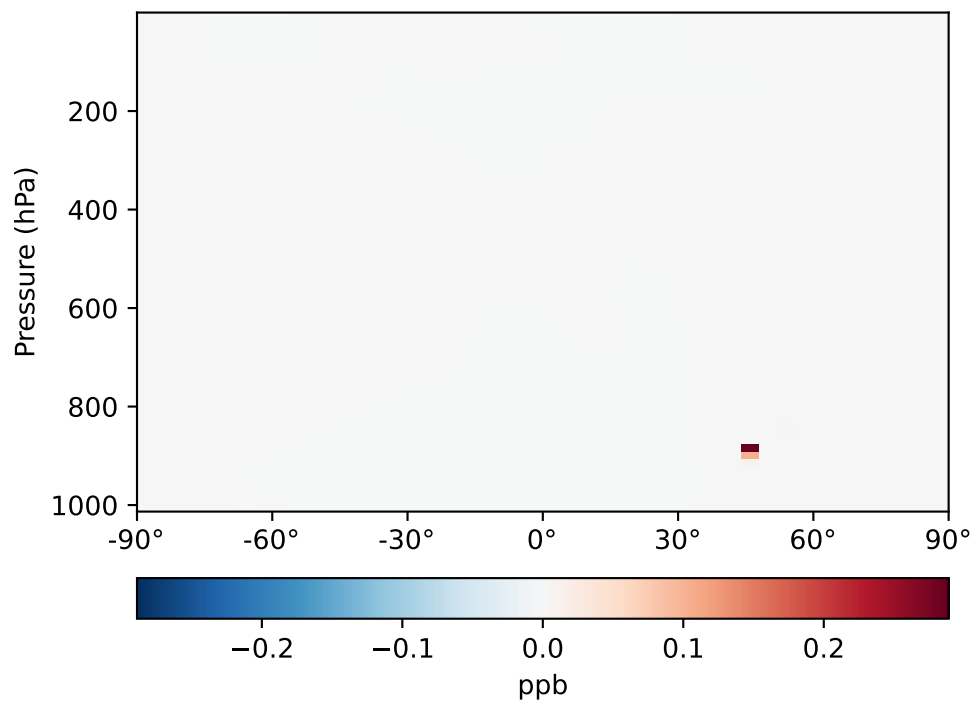


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

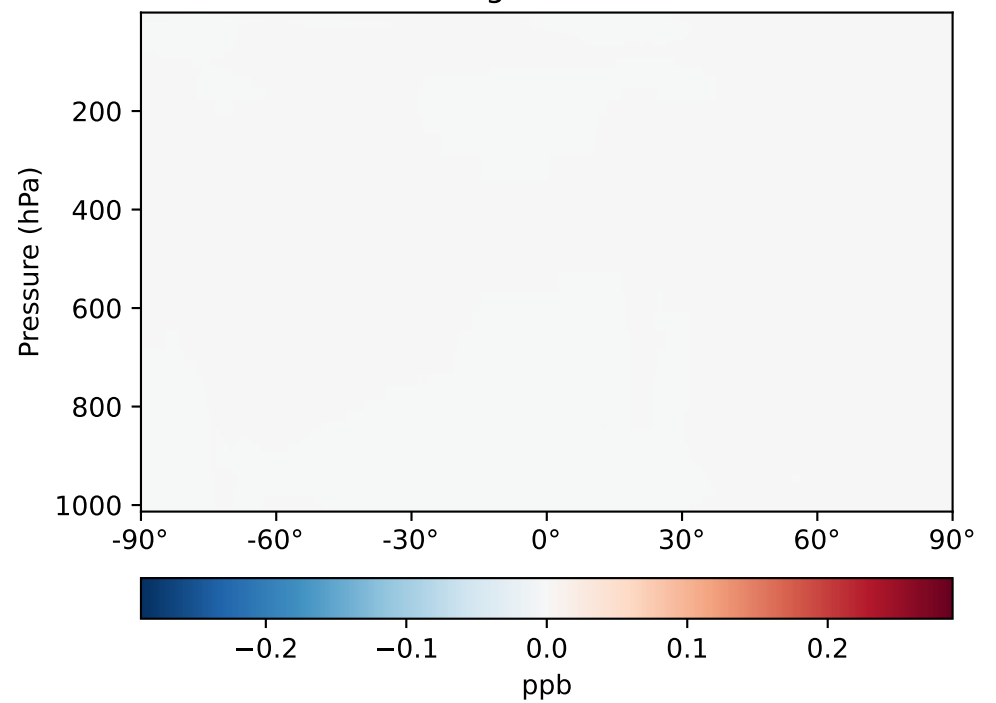


# SpeciesConcVW\_Br, Zonal Mean

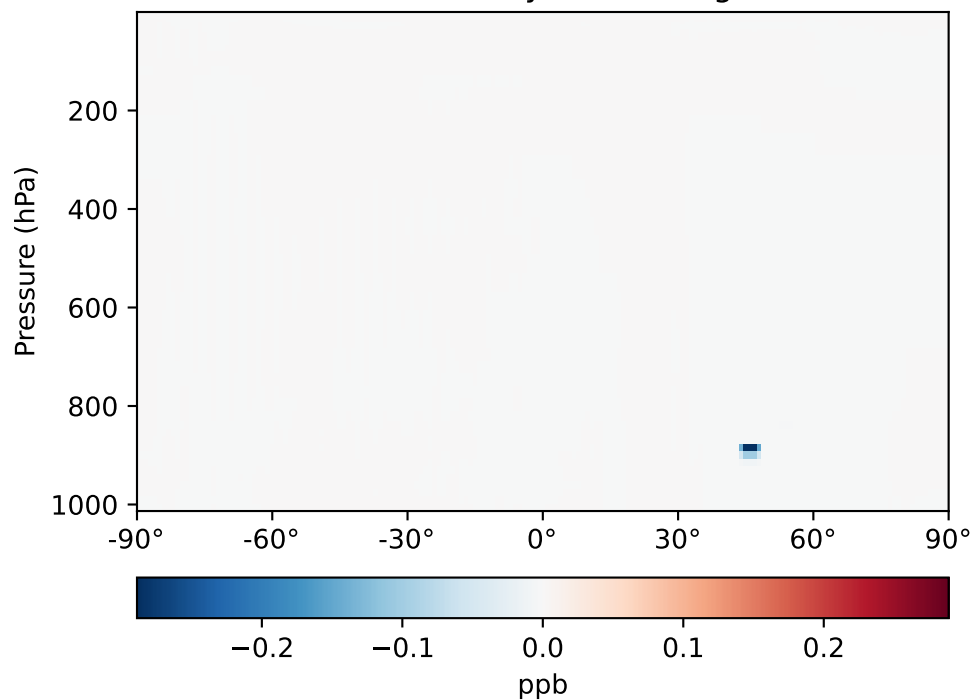
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



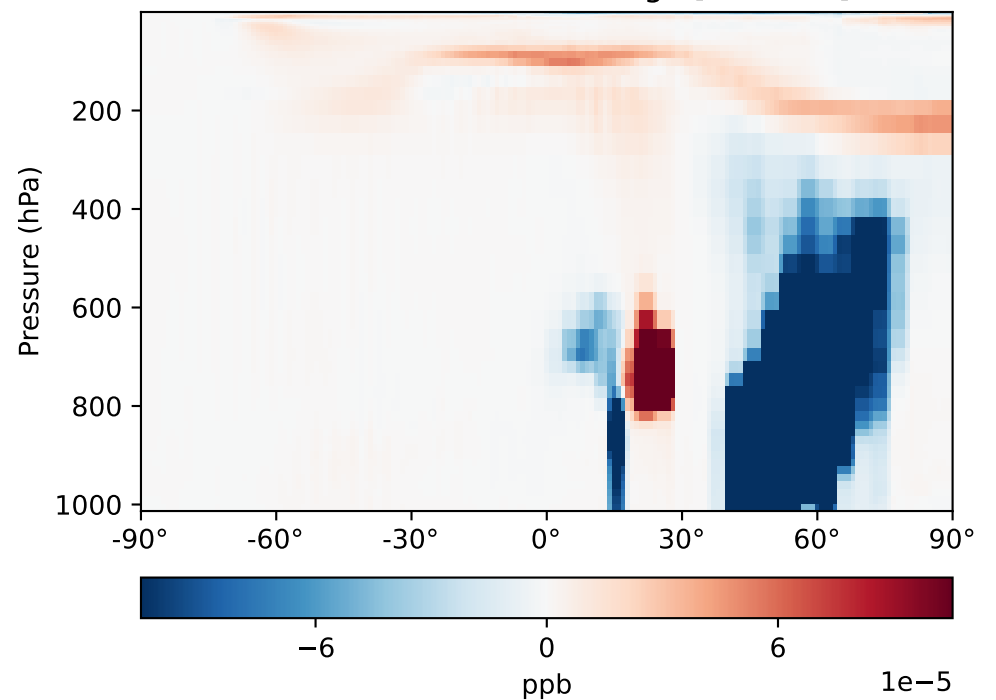
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



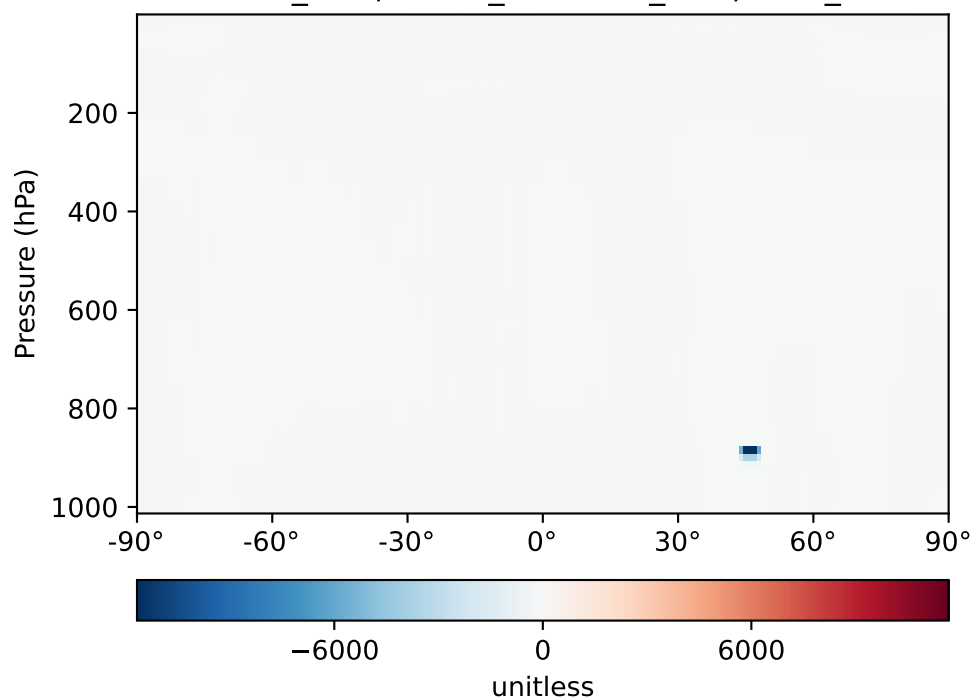
Difference (1x1.25)  
Dev - Ref, Dynamic Range



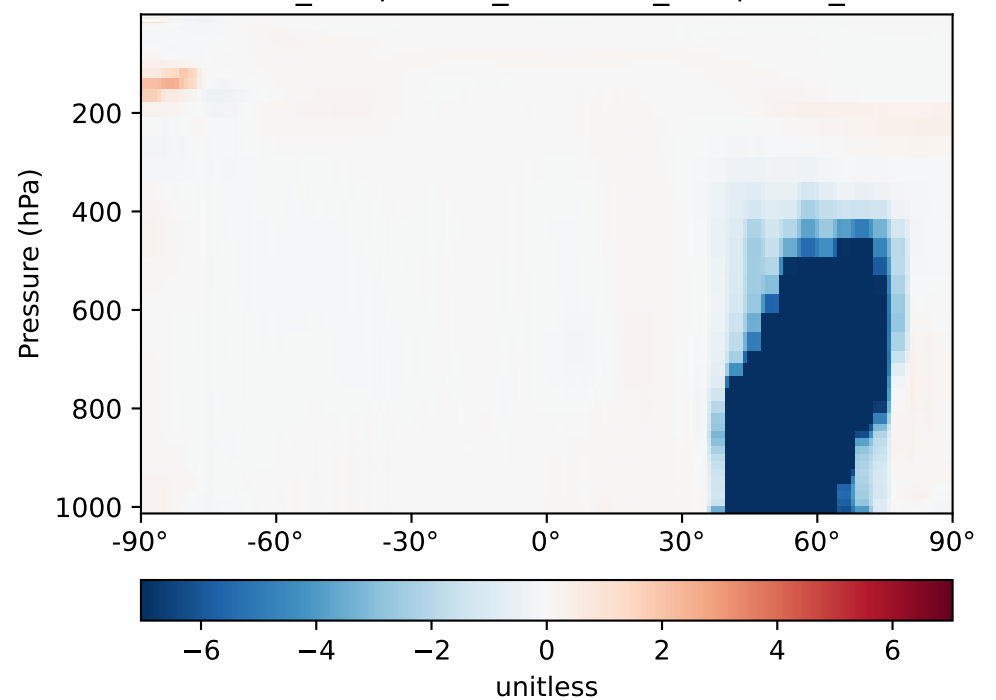
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

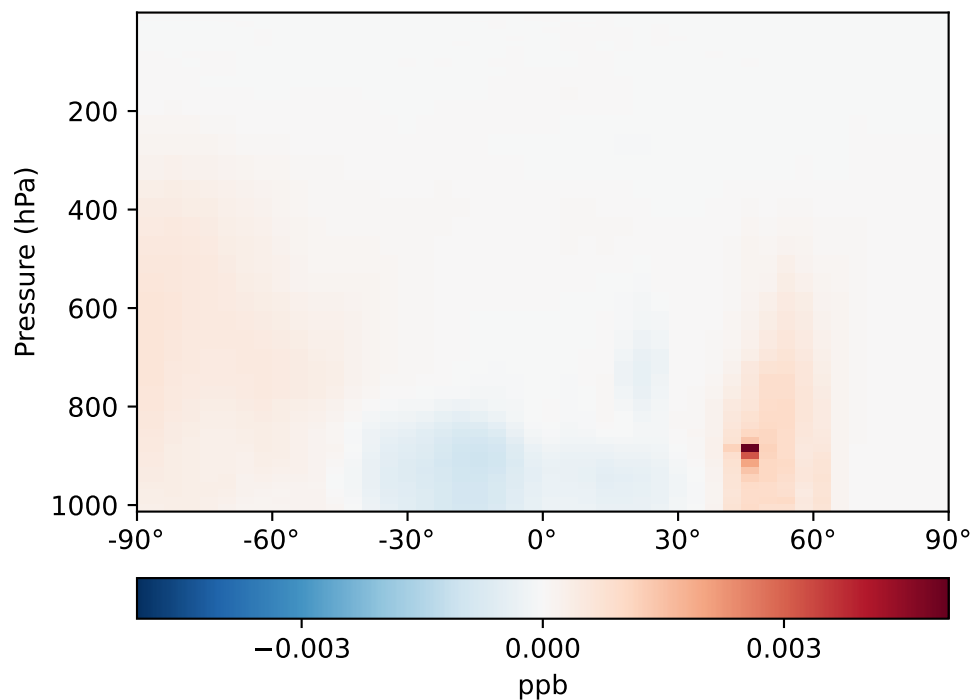


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

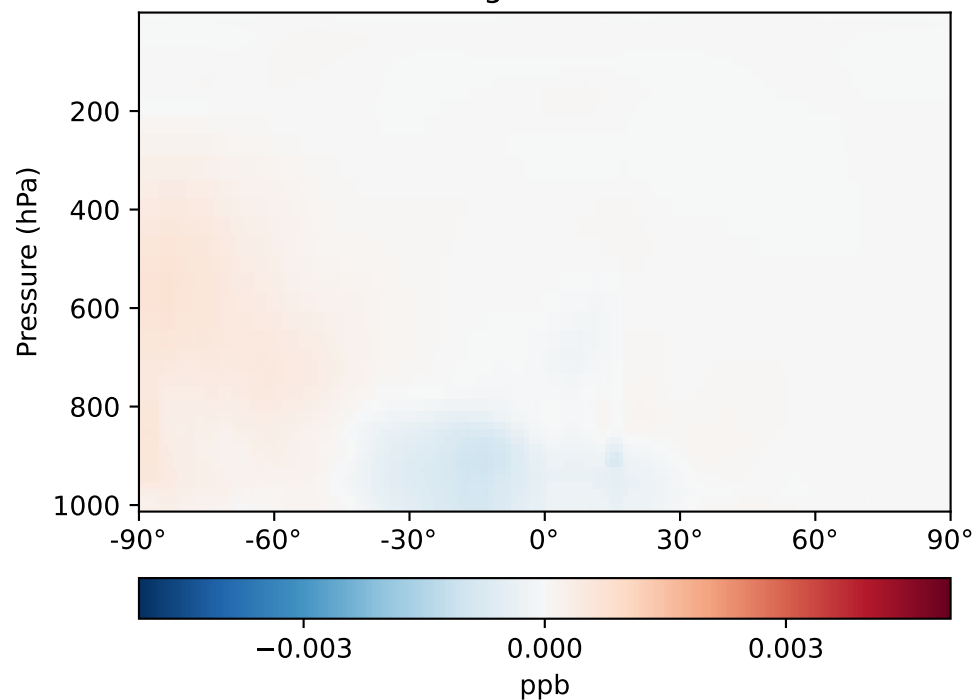


# SpeciesConcVV\_Br2, Zonal Mean

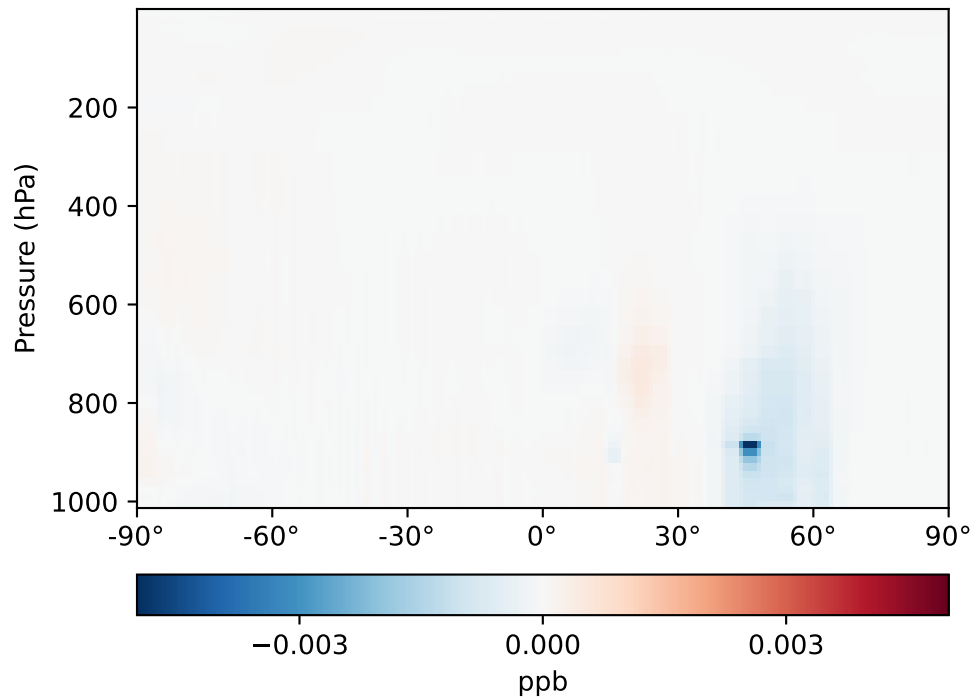
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



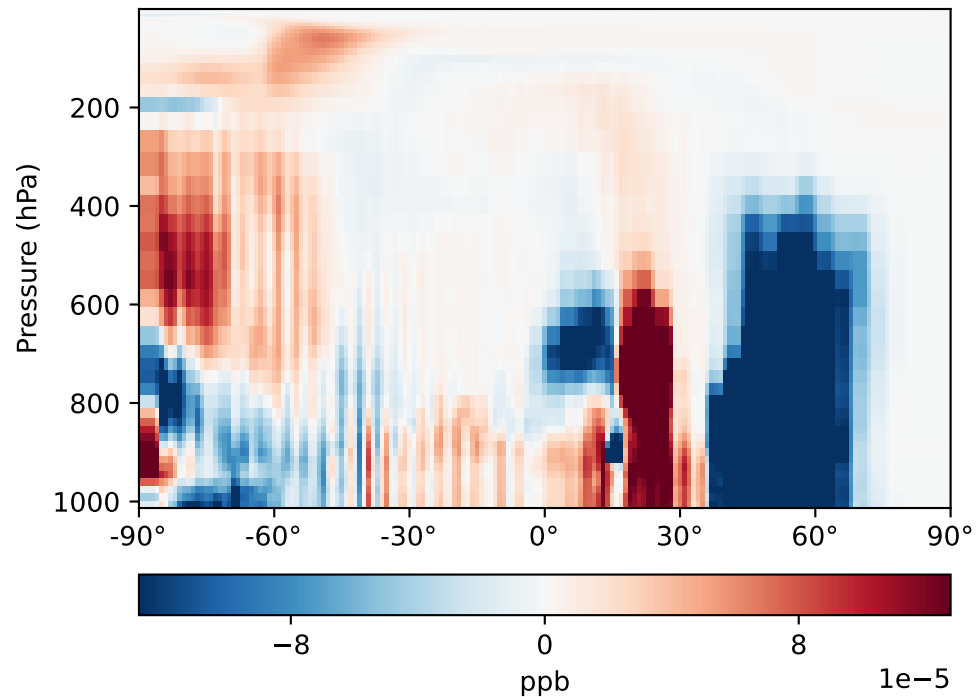
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



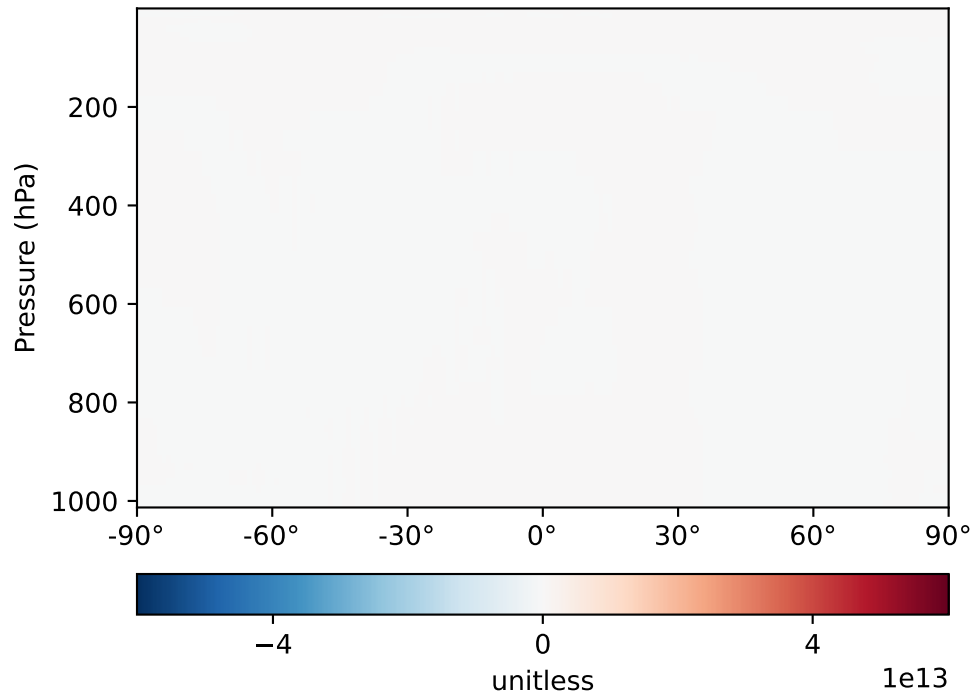
Difference (1x1.25)  
Dev - Ref, Dynamic Range



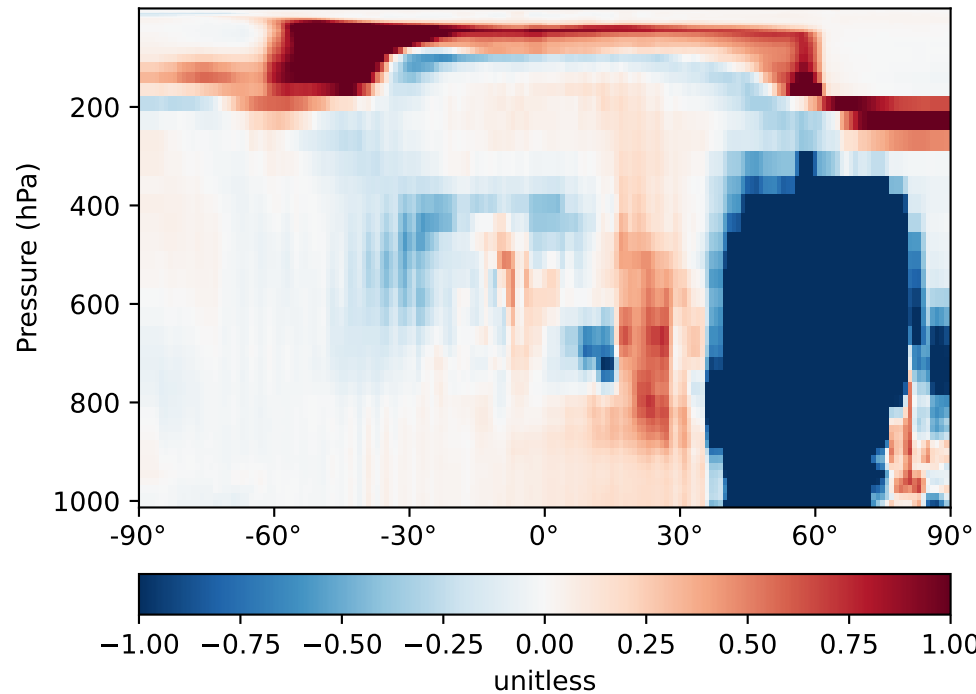
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

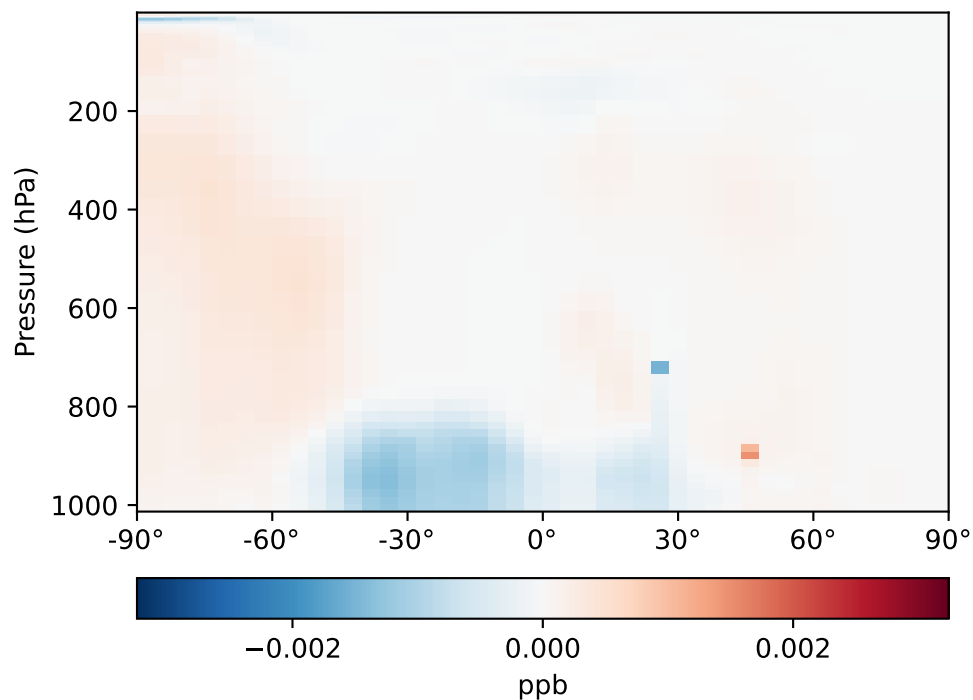


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

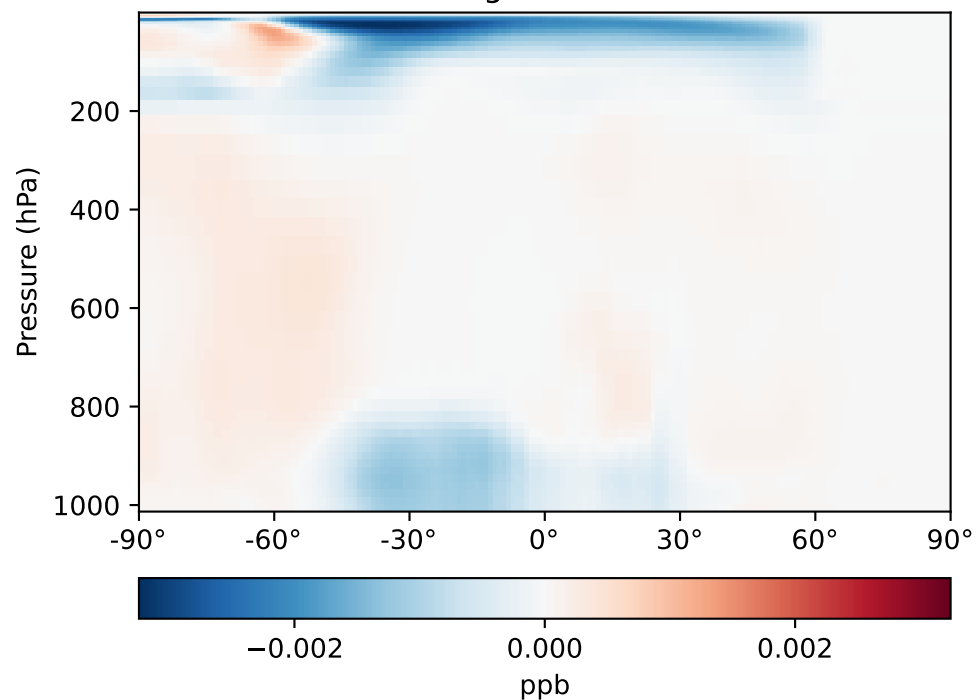


# SpeciesConcVW\_BrCl, Zonal Mean

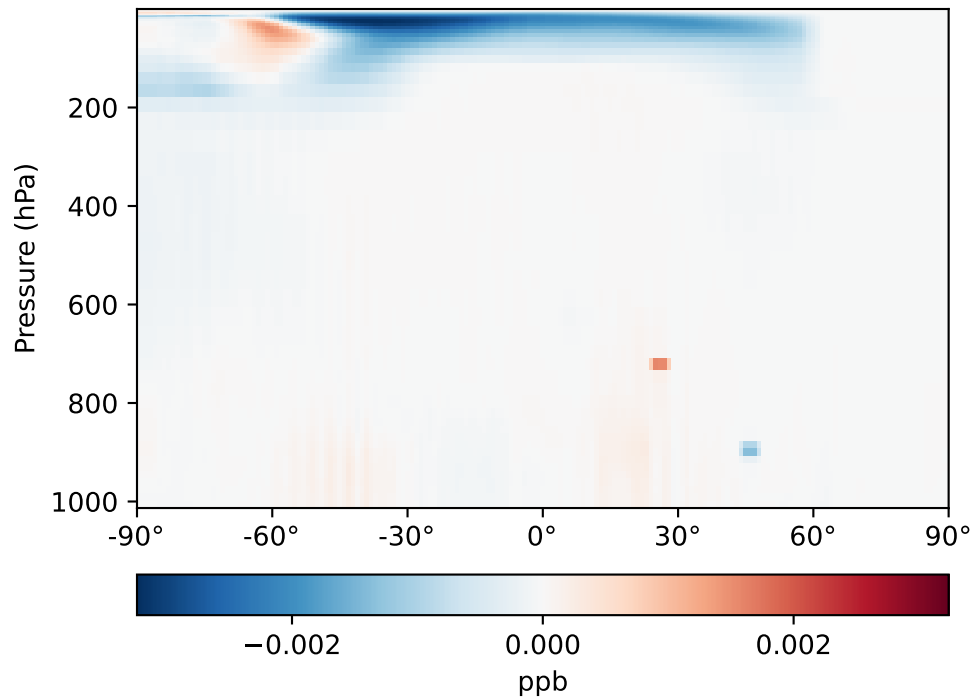
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



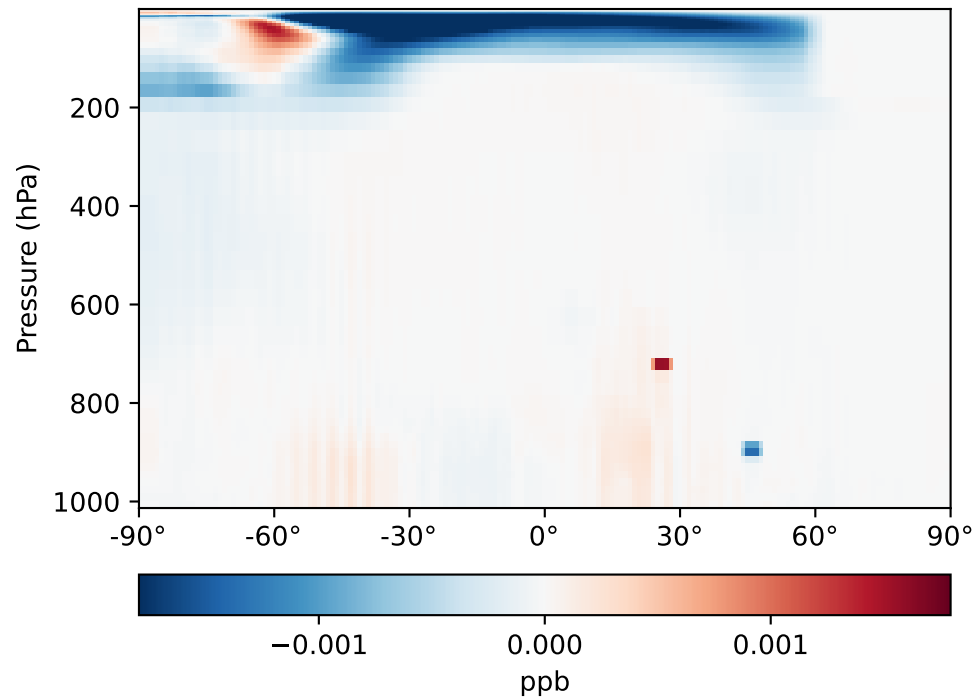
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



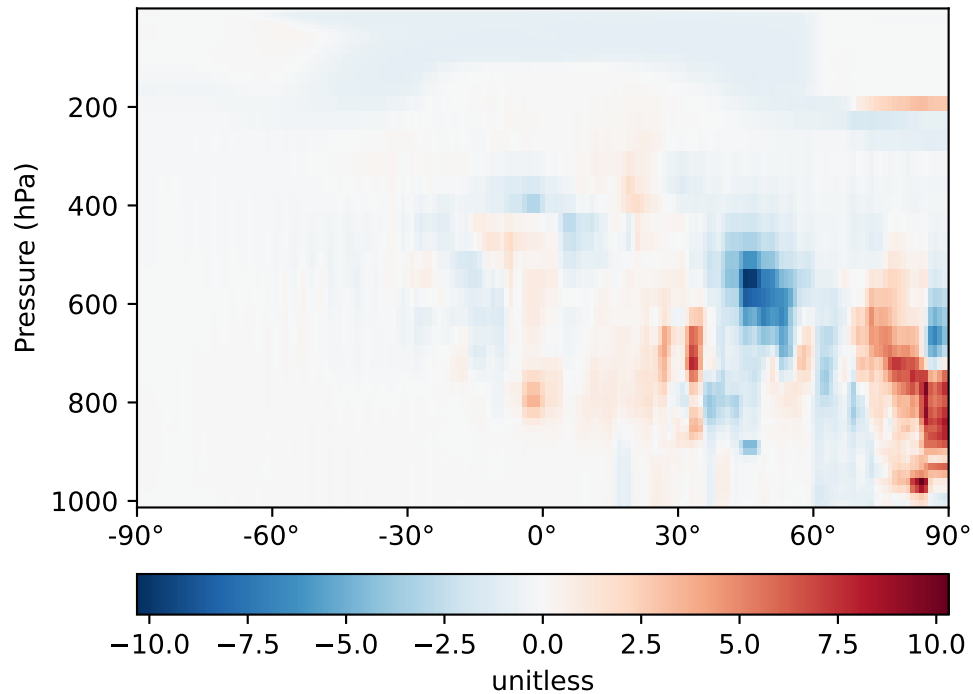
Difference (1x1.25)  
Dev - Ref, Dynamic Range



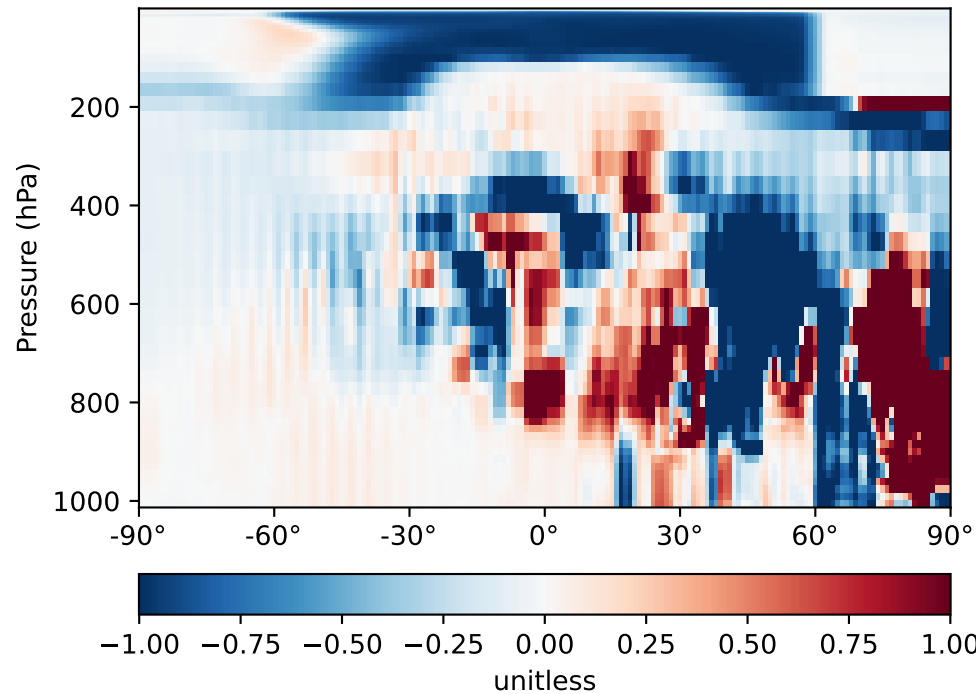
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

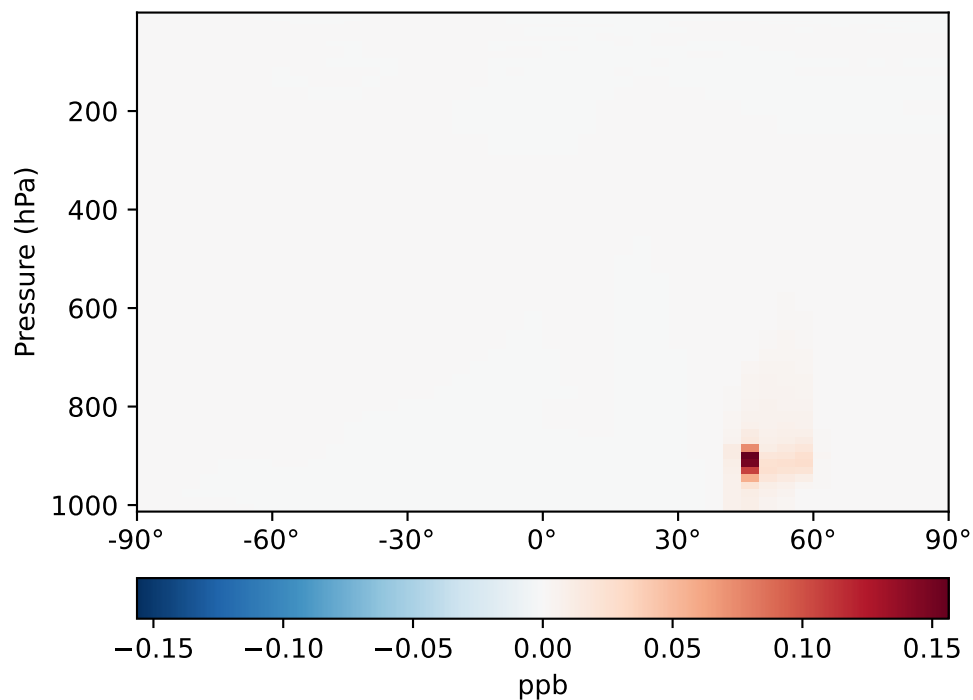


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

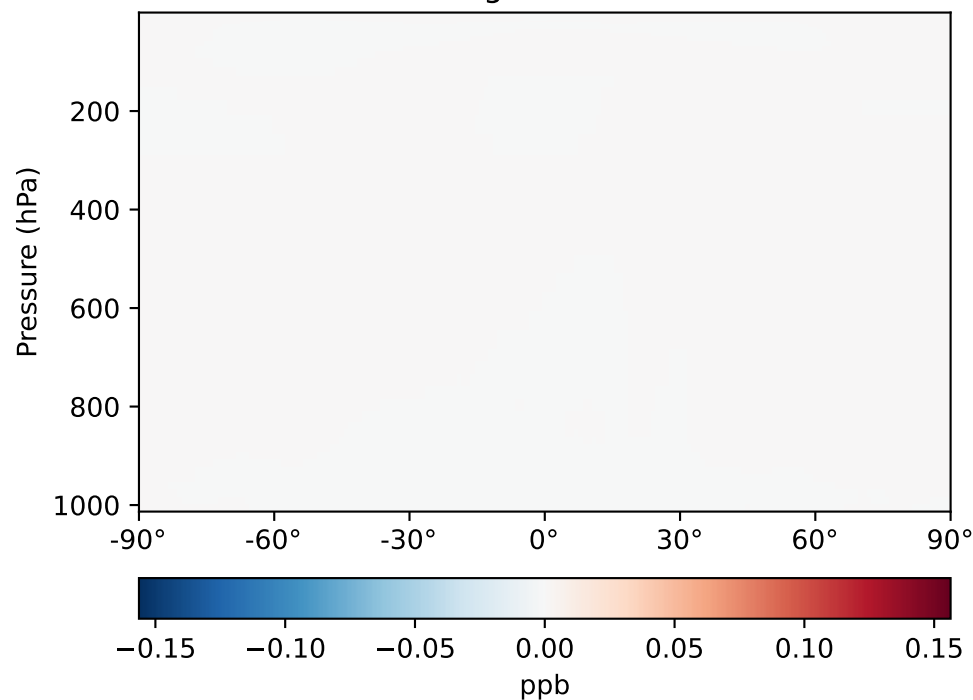


# SpeciesConcVV\_BrNO2, Zonal Mean

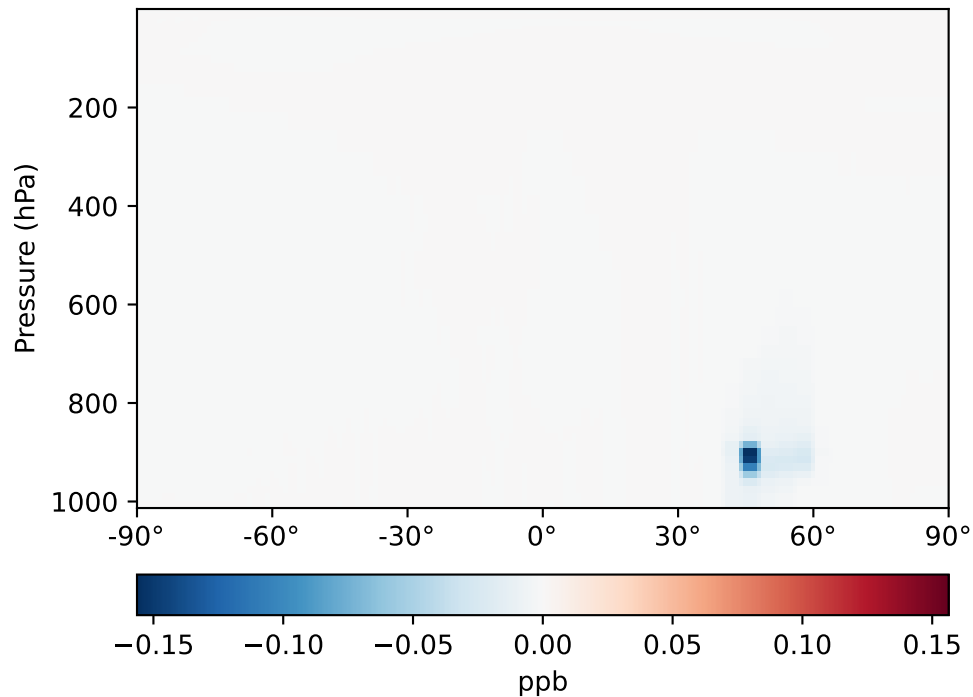
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



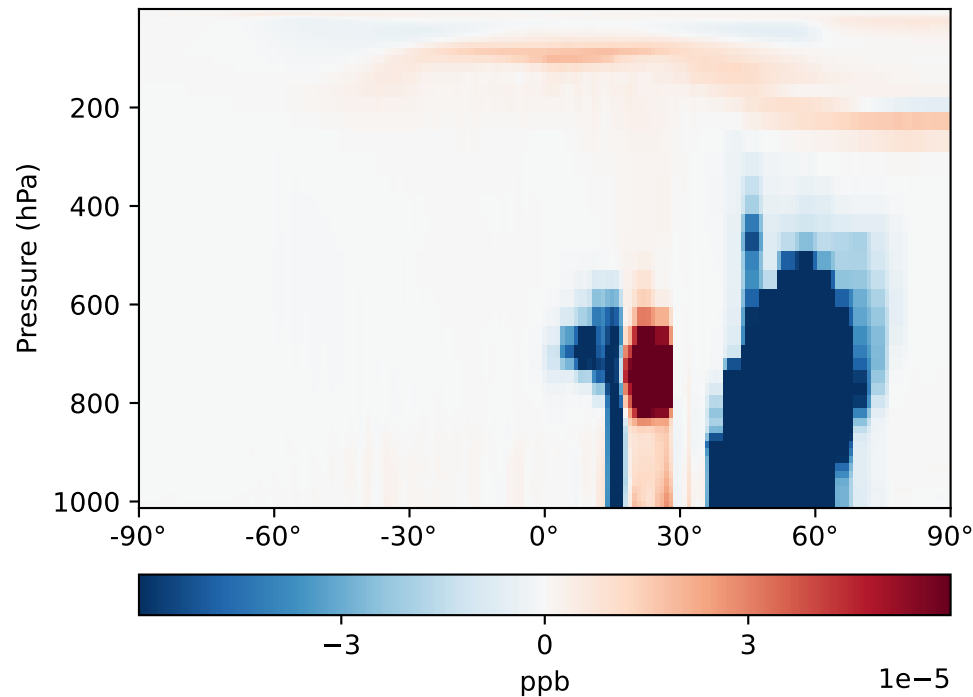
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



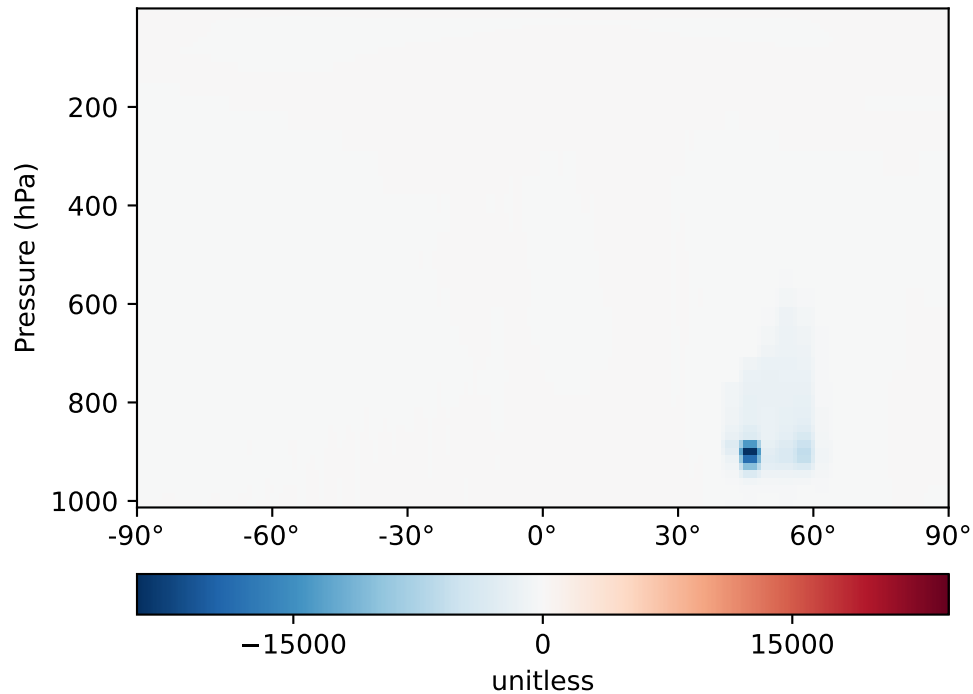
Difference (1x1.25)  
Dev - Ref, Dynamic Range



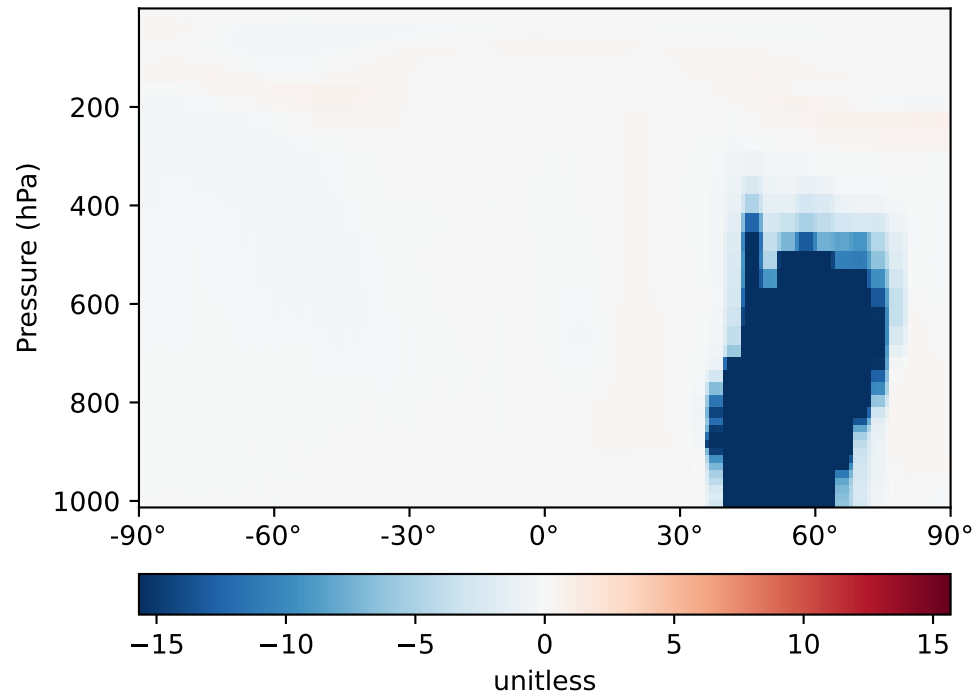
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

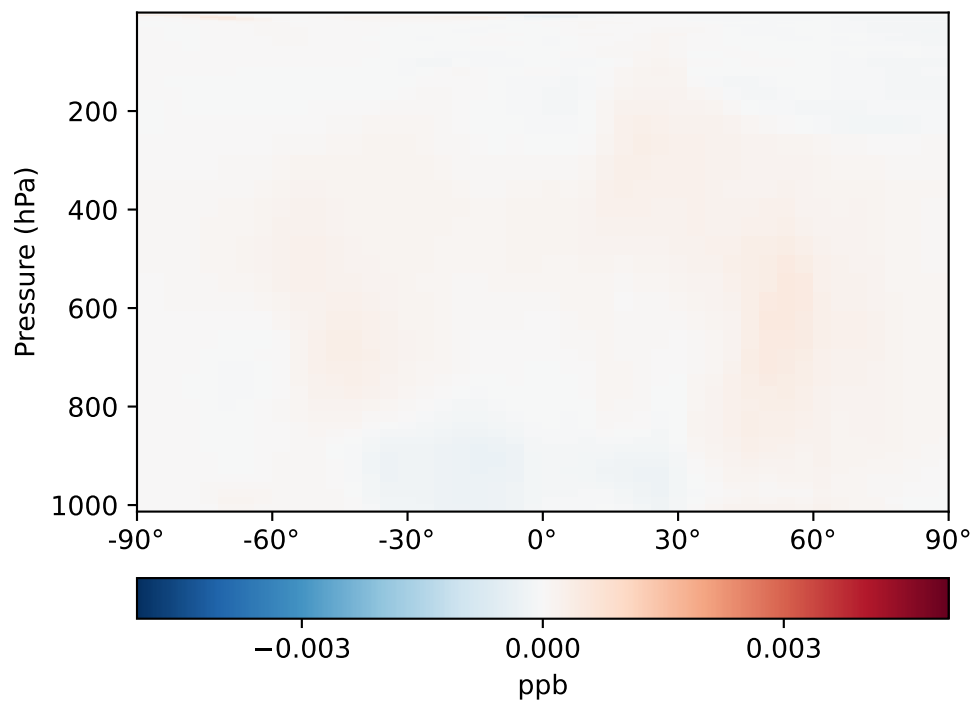


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

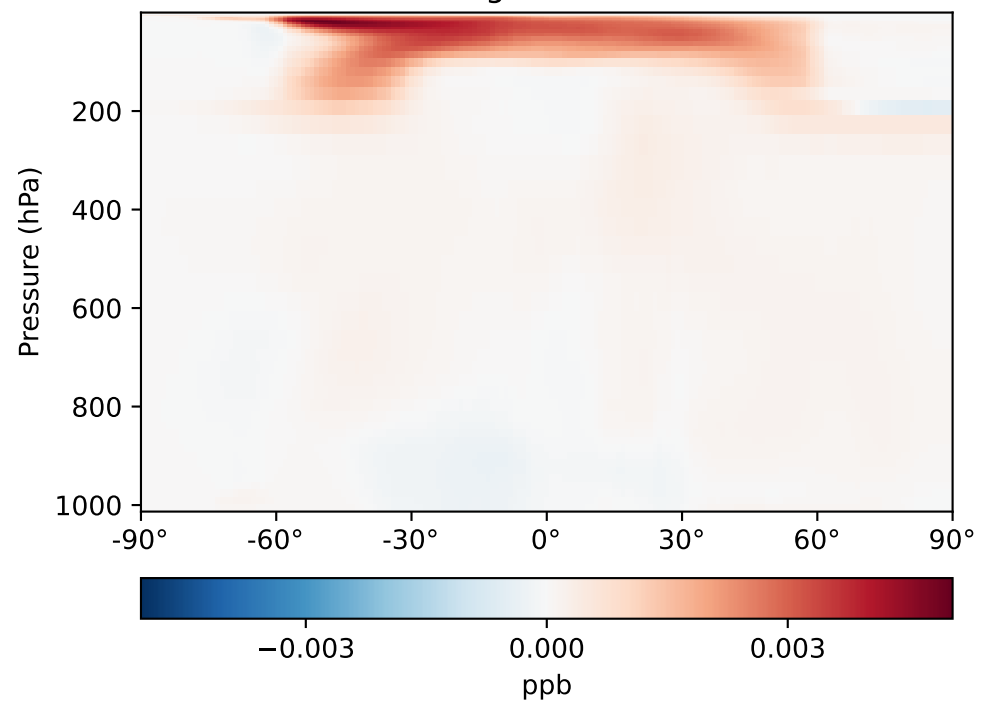


# SpeciesConcVV\_BrNO3, Zonal Mean

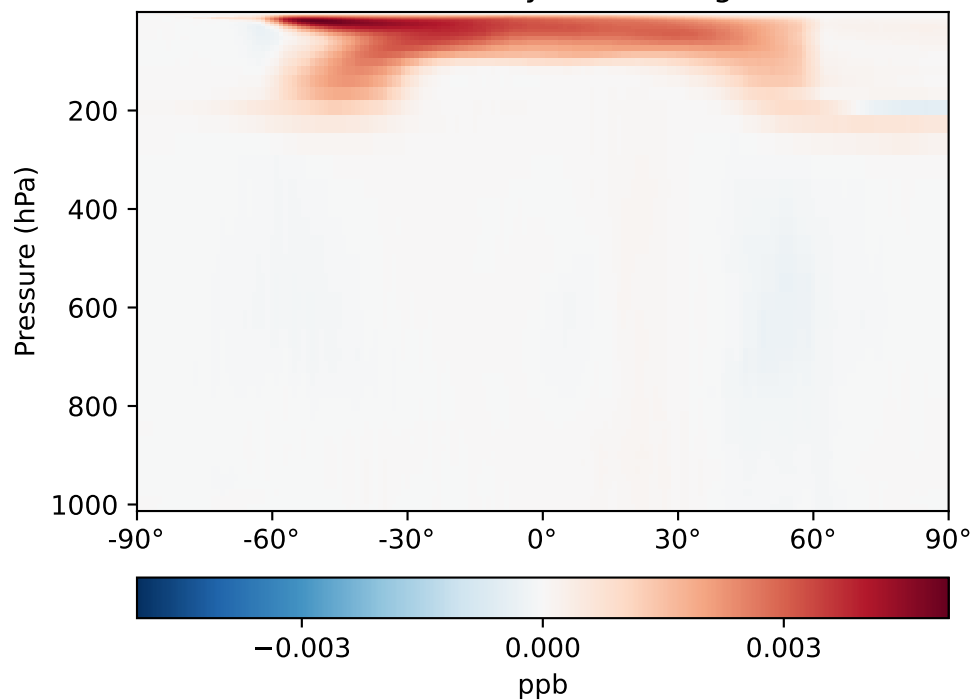
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



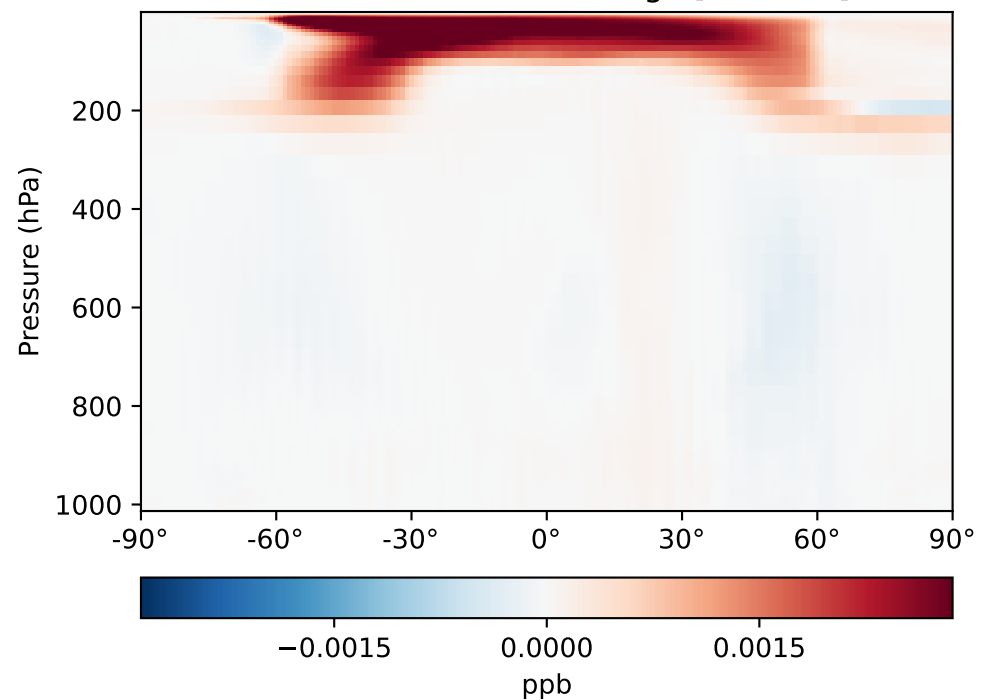
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regridded from c24



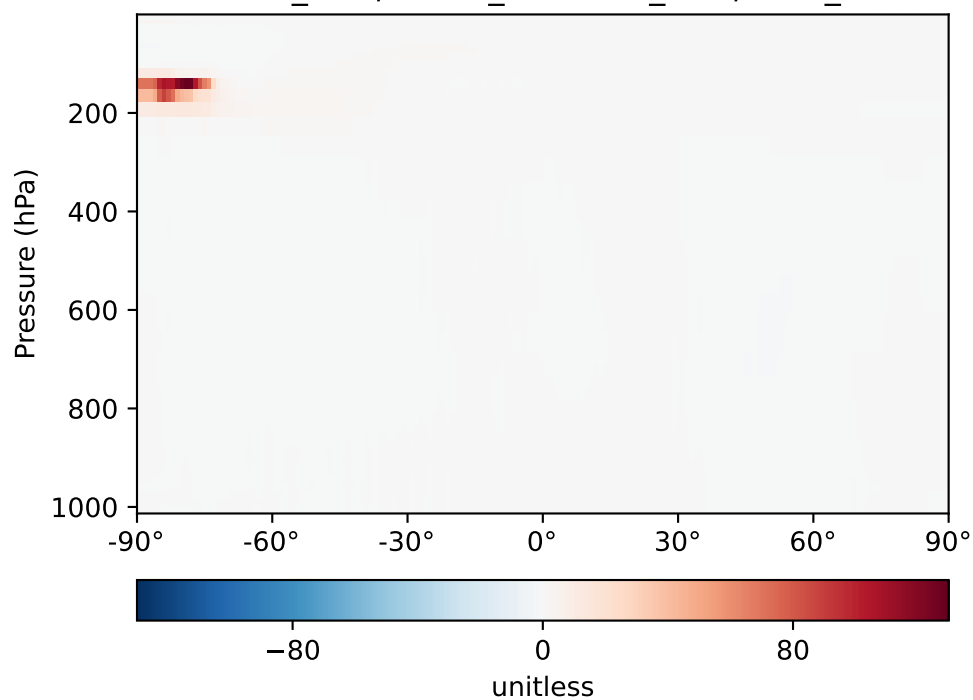
Difference (1x1.25)  
Dev - Ref, Dynamic Range



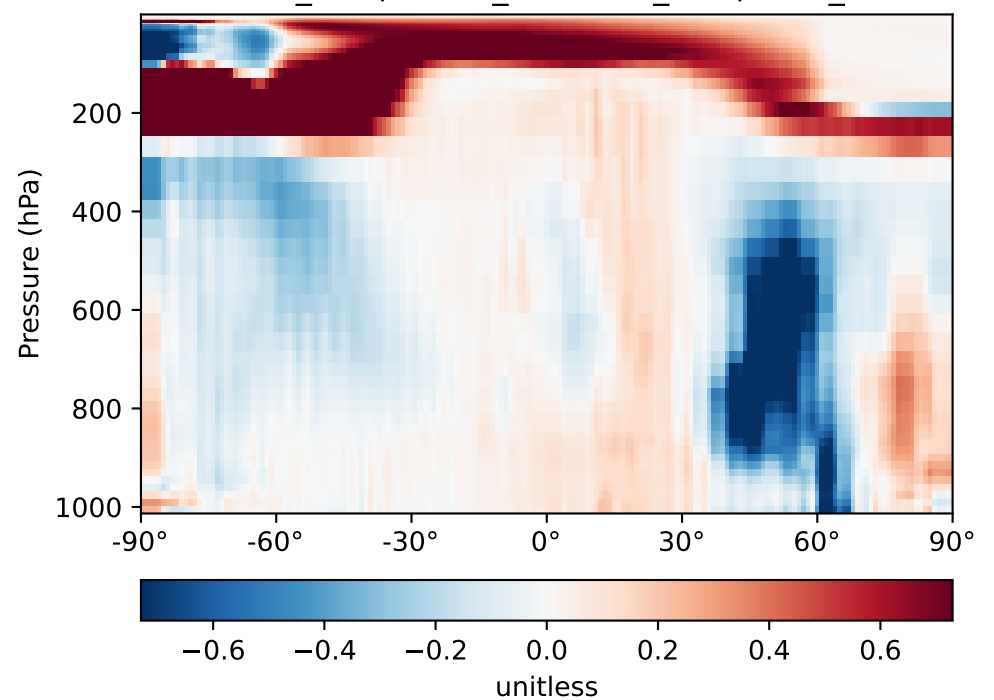
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

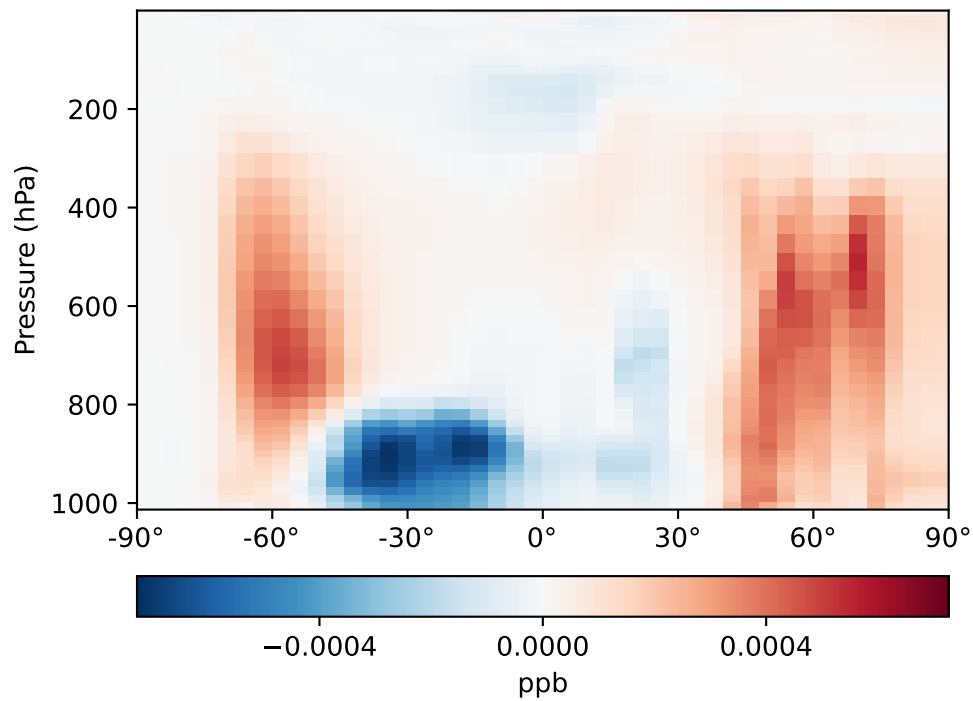


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

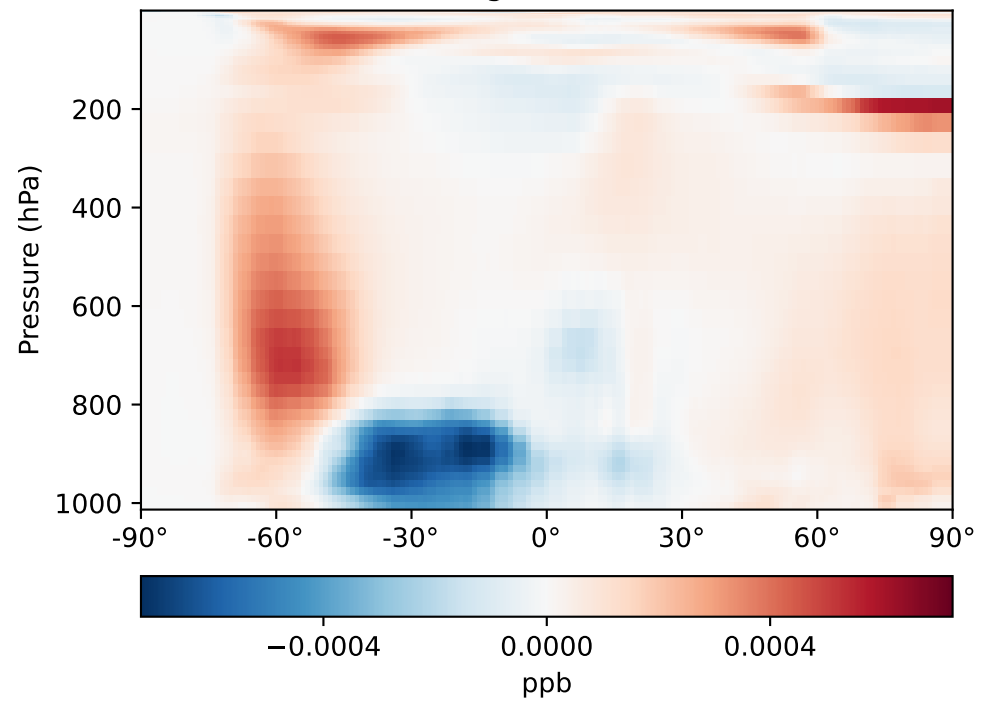


# SpeciesConcVV\_BrO, Zonal Mean

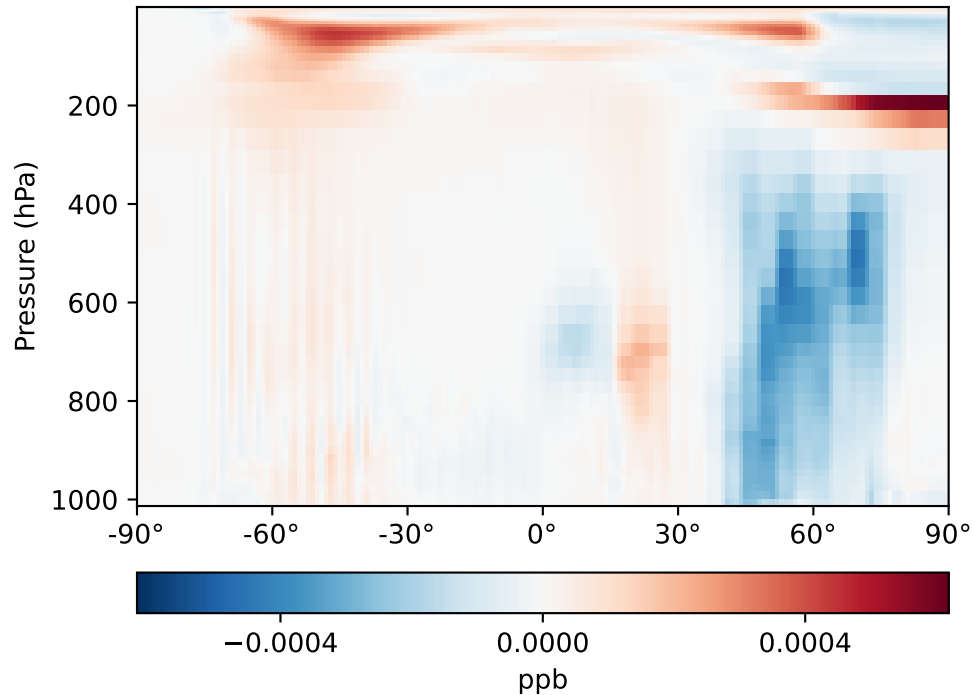
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



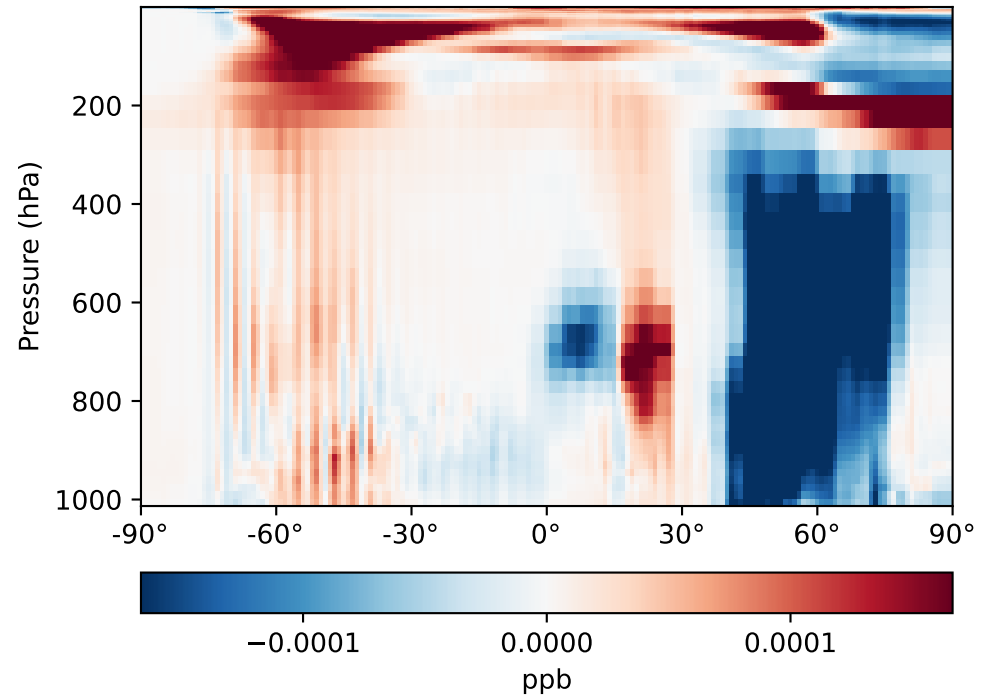
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



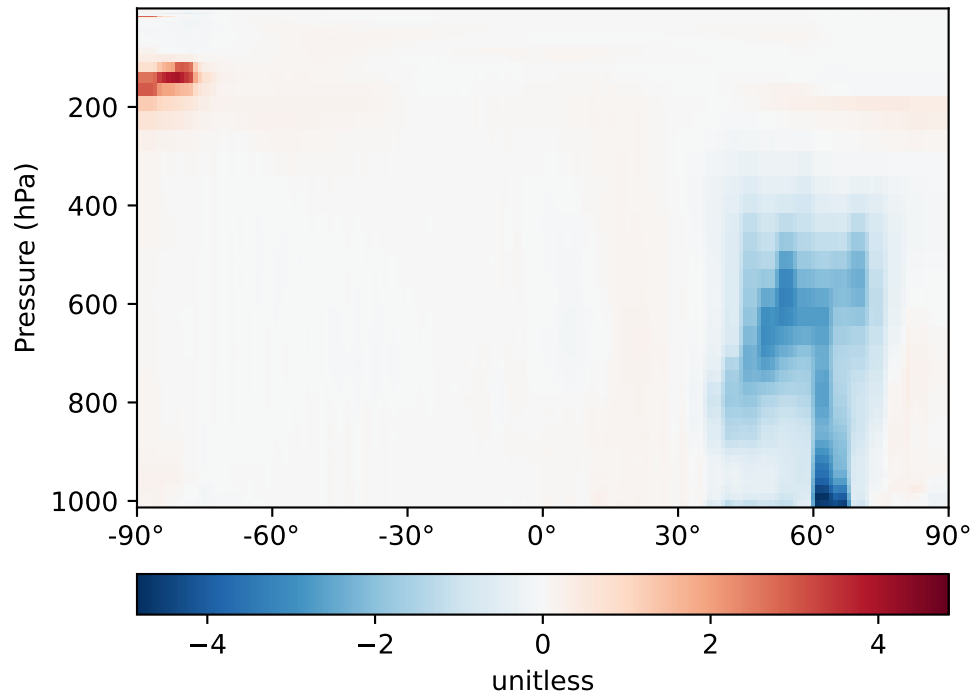
Difference (1x1.25)  
Dev - Ref, Dynamic Range



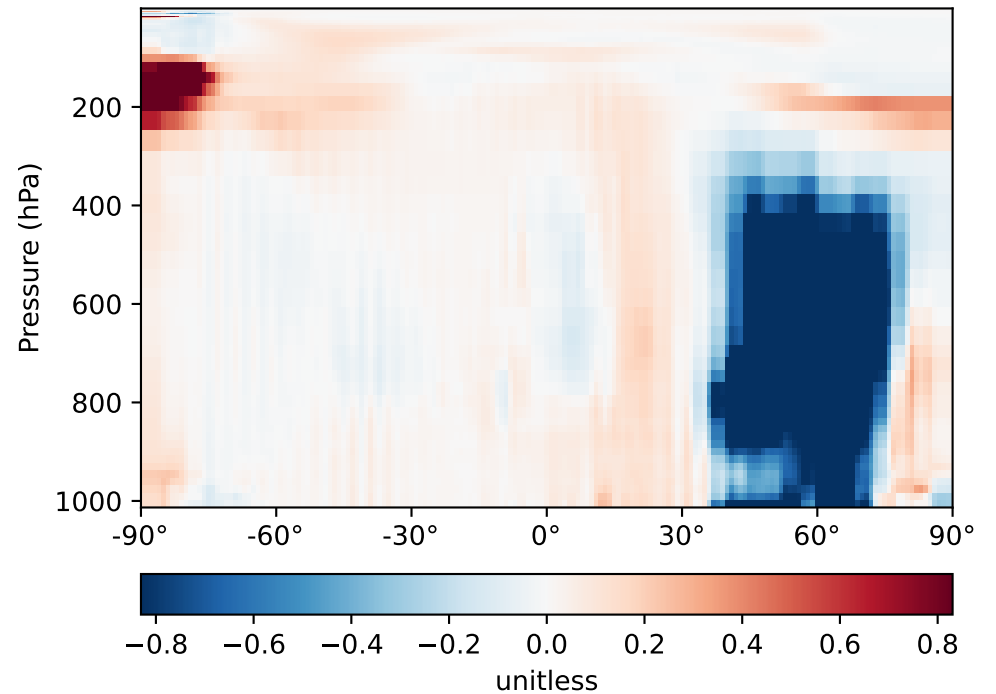
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



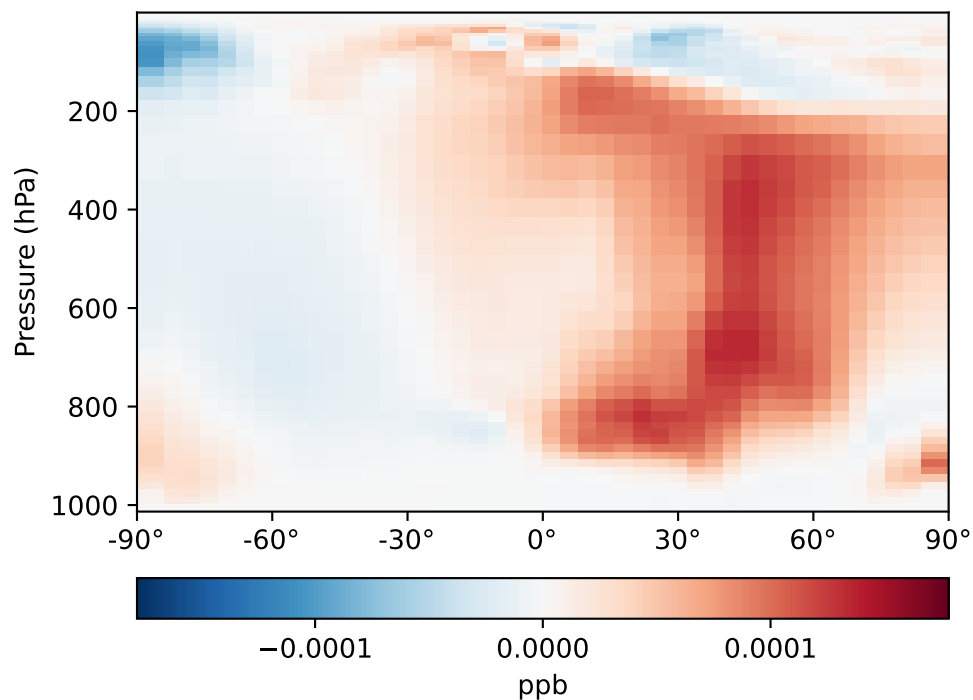
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



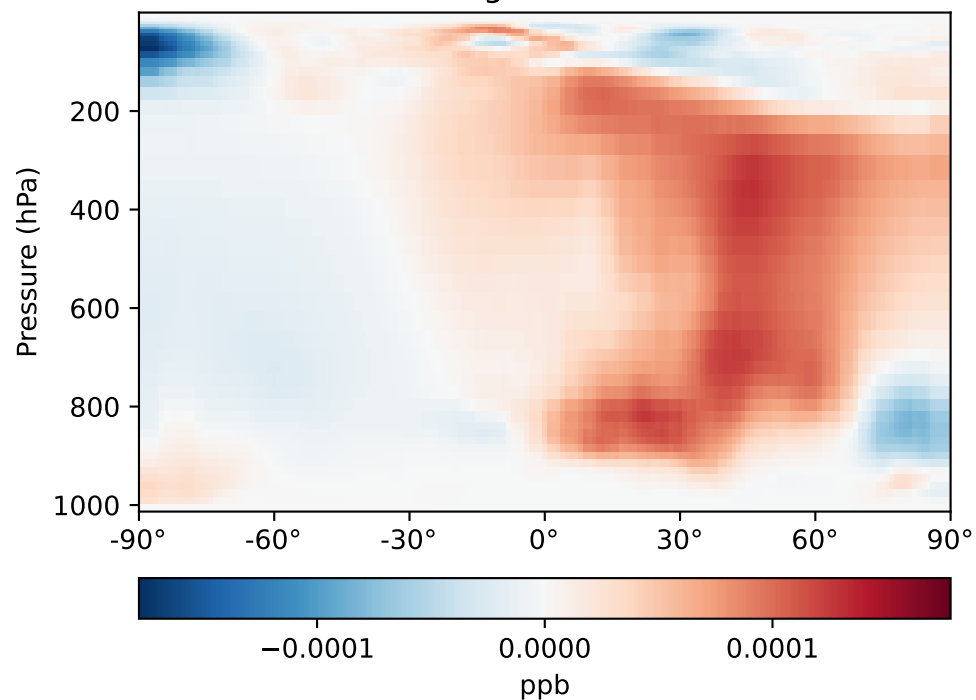


# SpeciesConcVV\_CH3Br, Zonal Mean

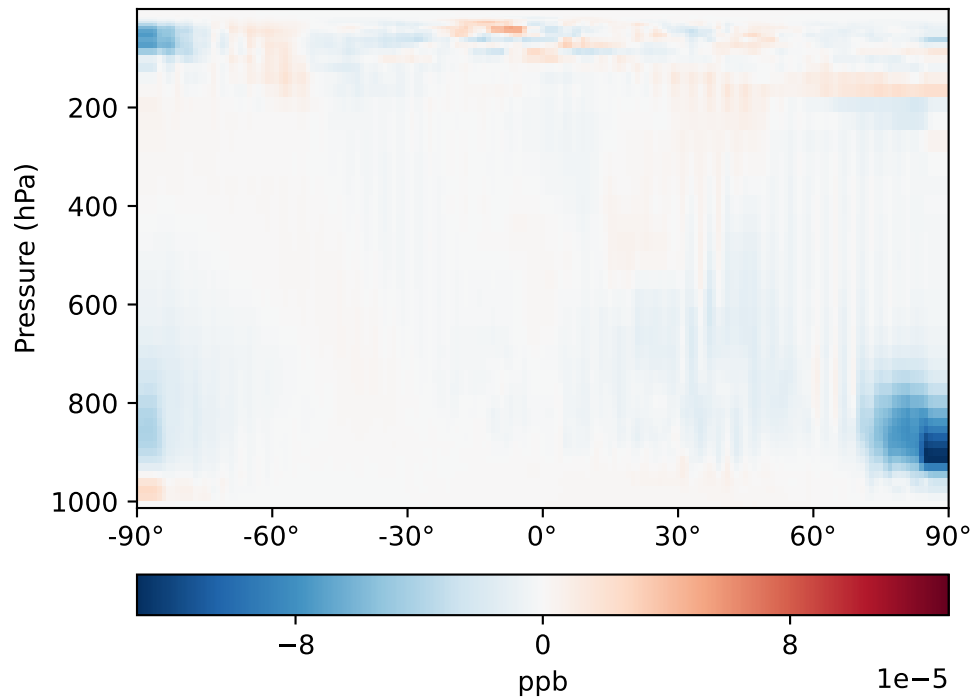
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



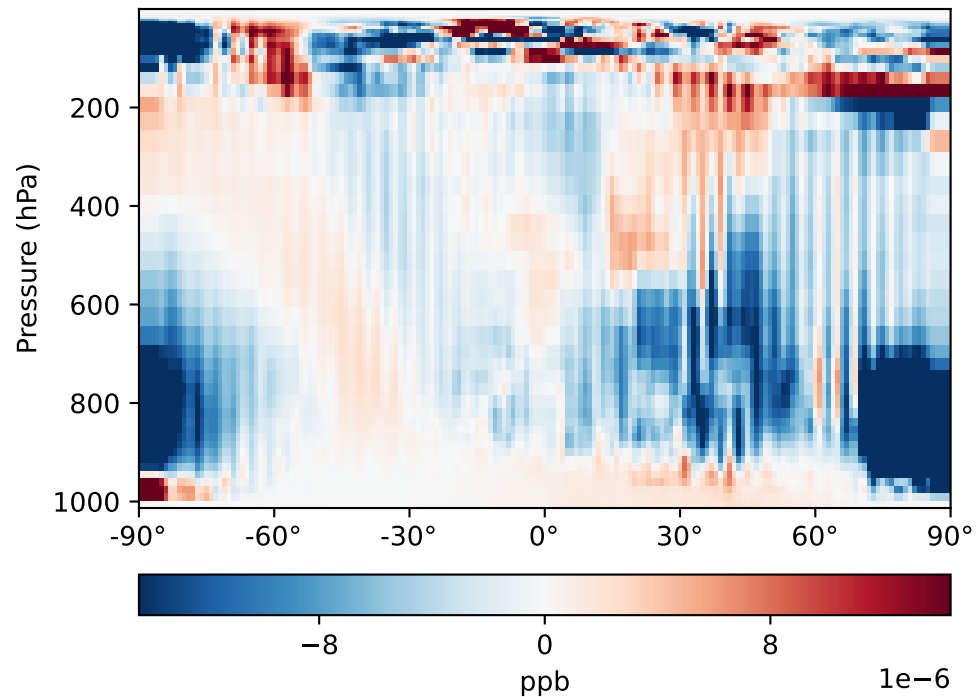
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regridded from c24



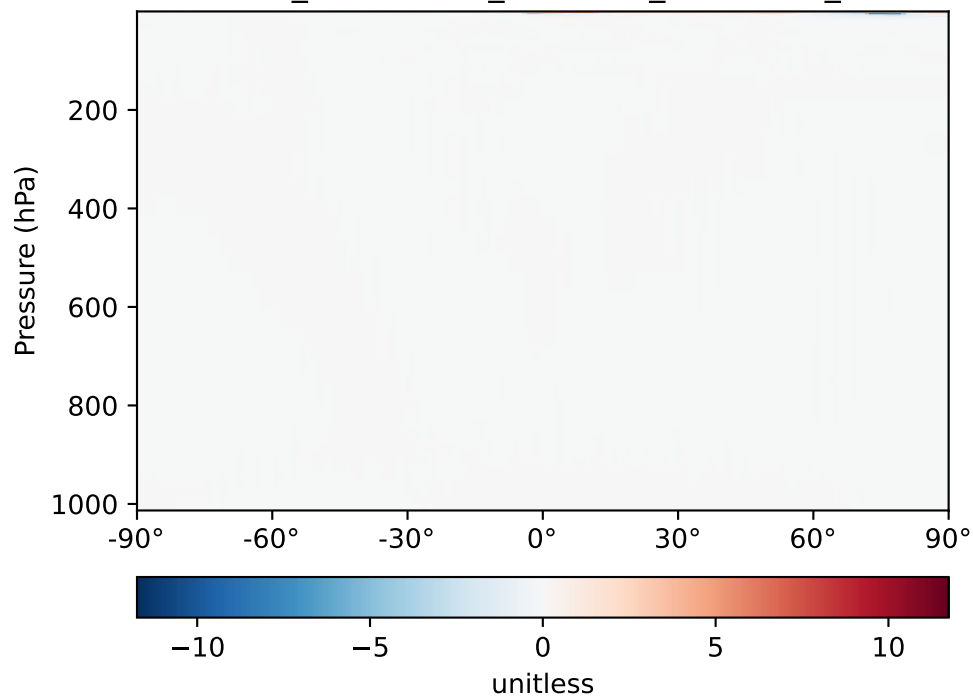
Difference (1x1.25)  
Dev - Ref, Dynamic Range



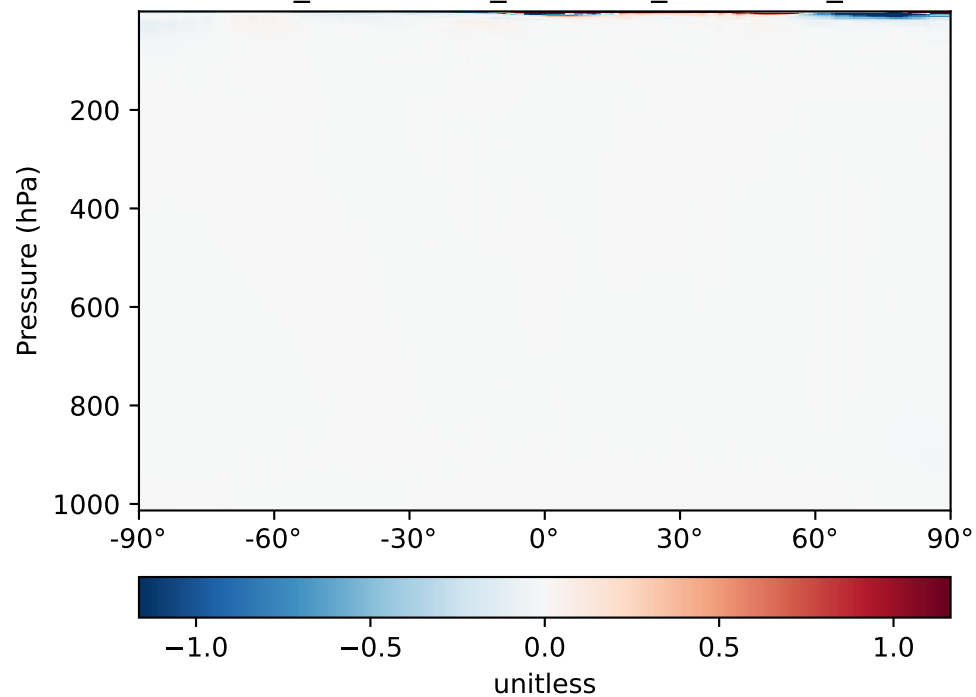
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

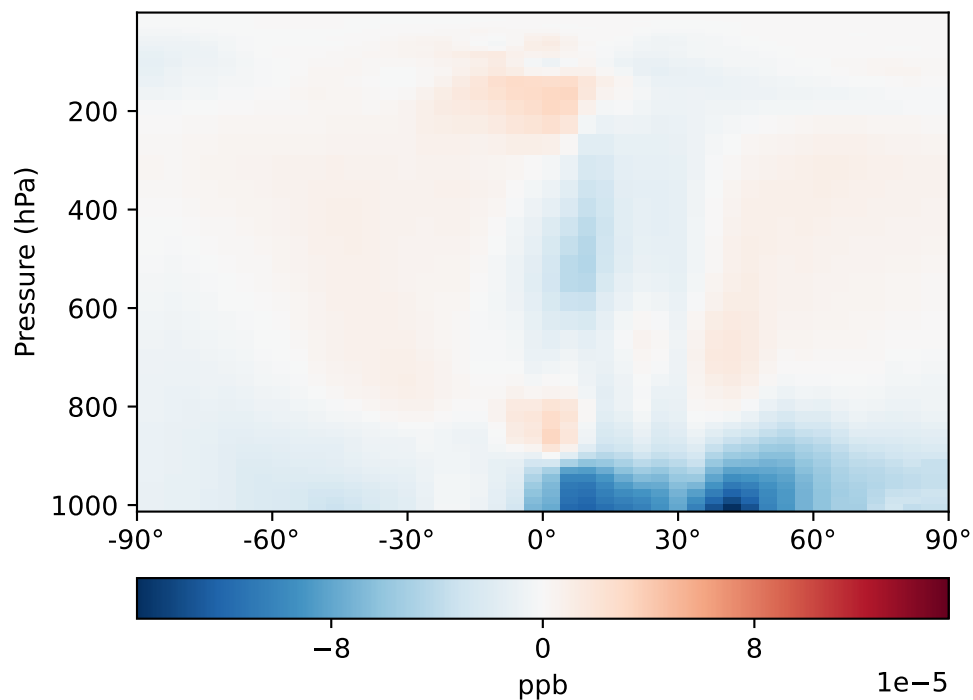


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

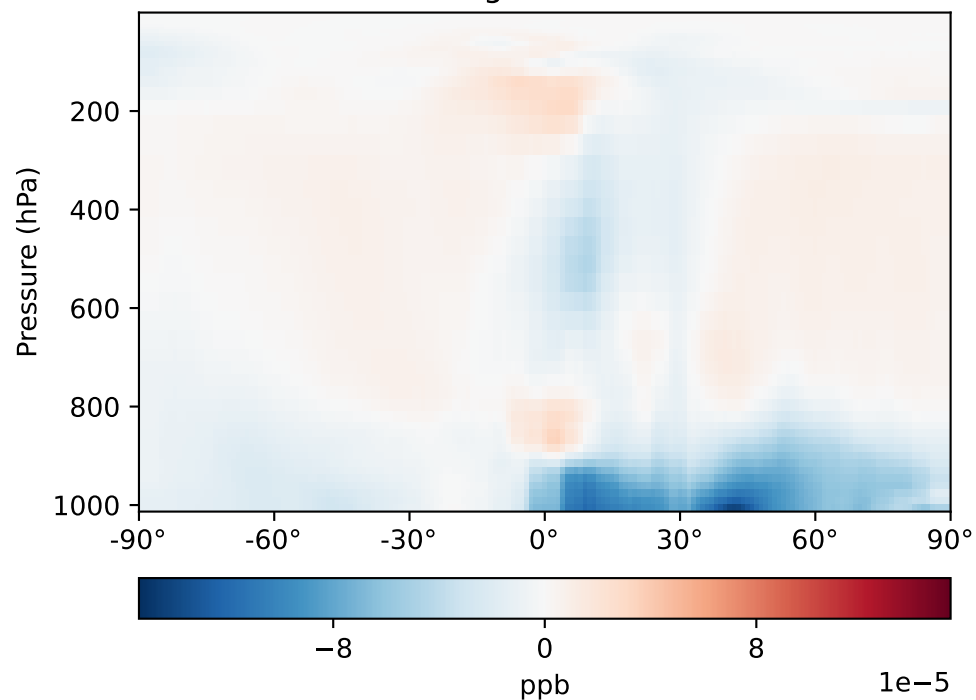


# SpeciesConcVV\_CH2Br2, Zonal Mean

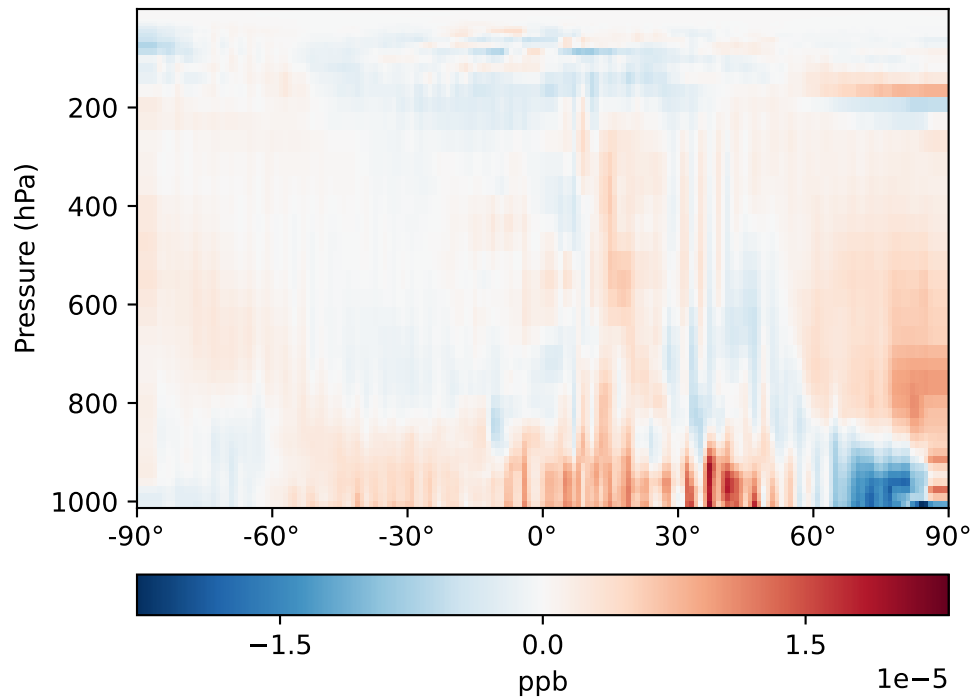
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



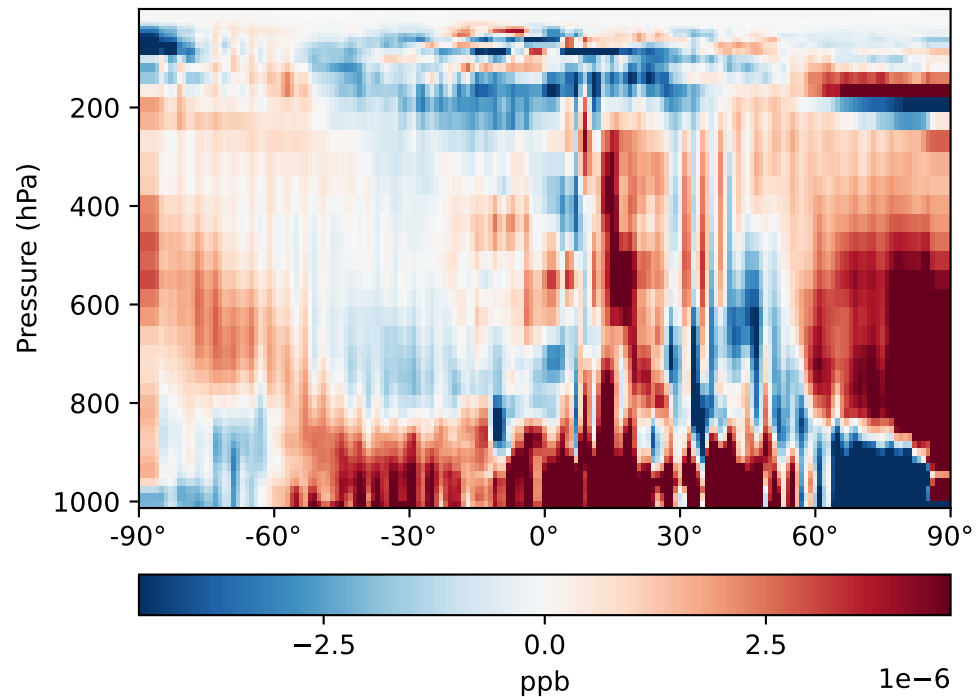
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



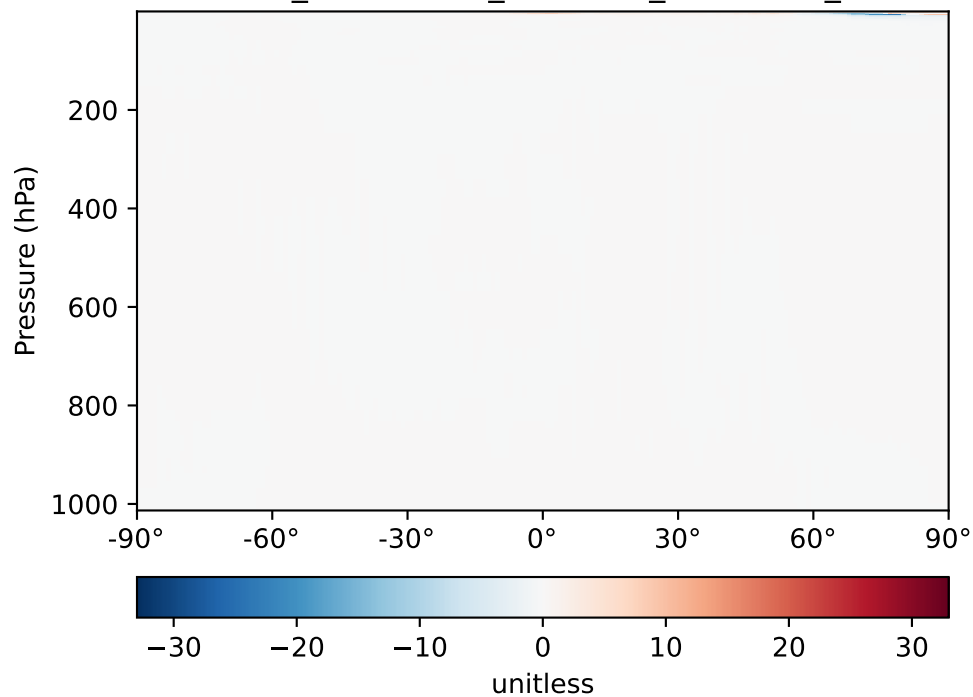
Difference (1x1.25)  
Dev - Ref, Dynamic Range



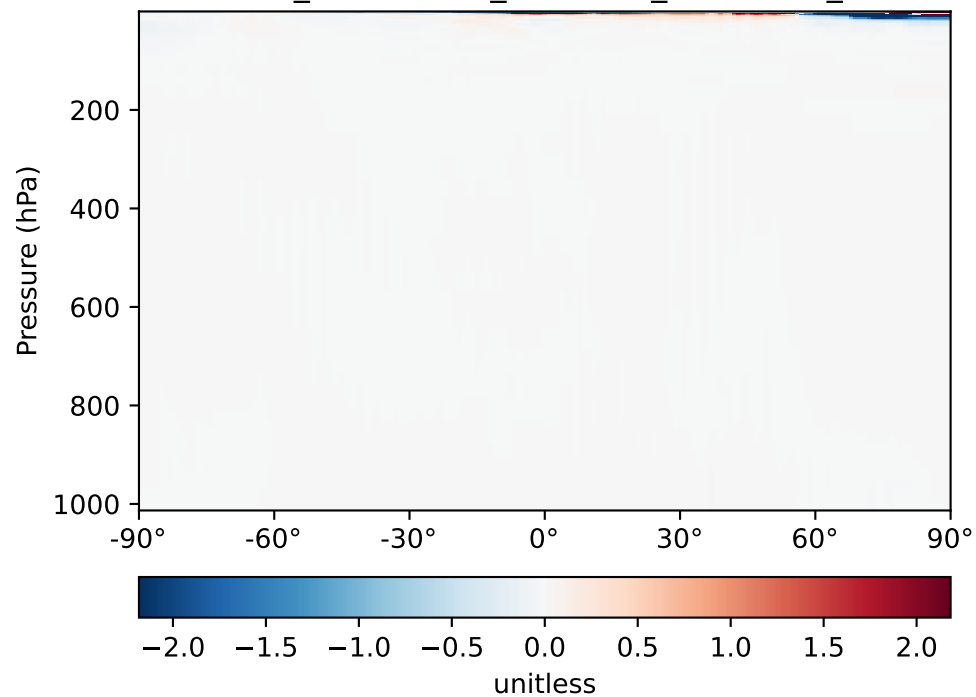
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

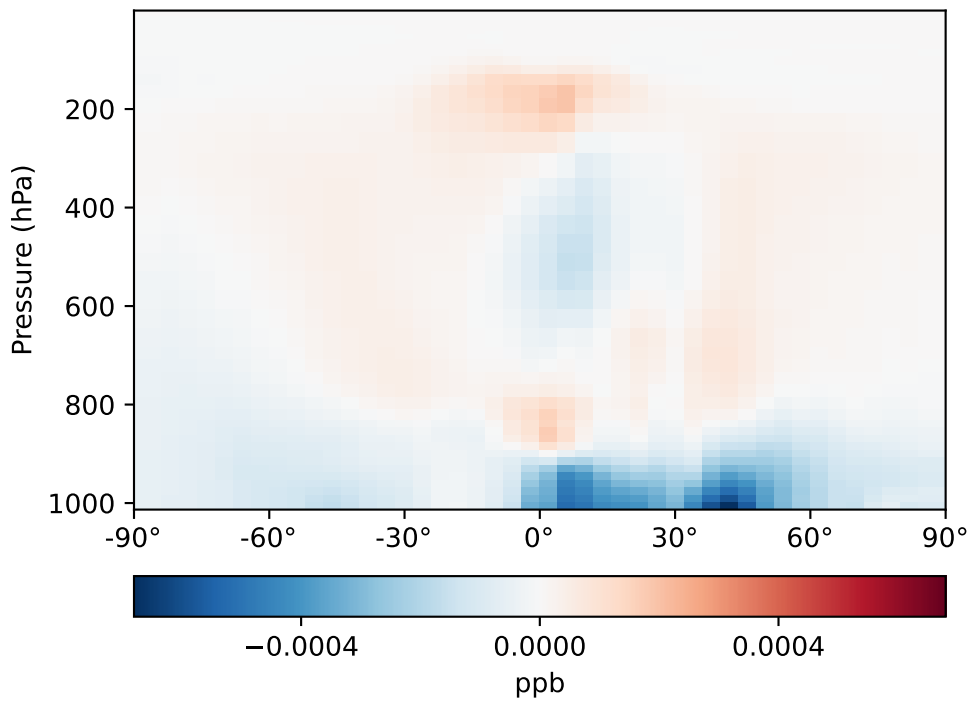


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

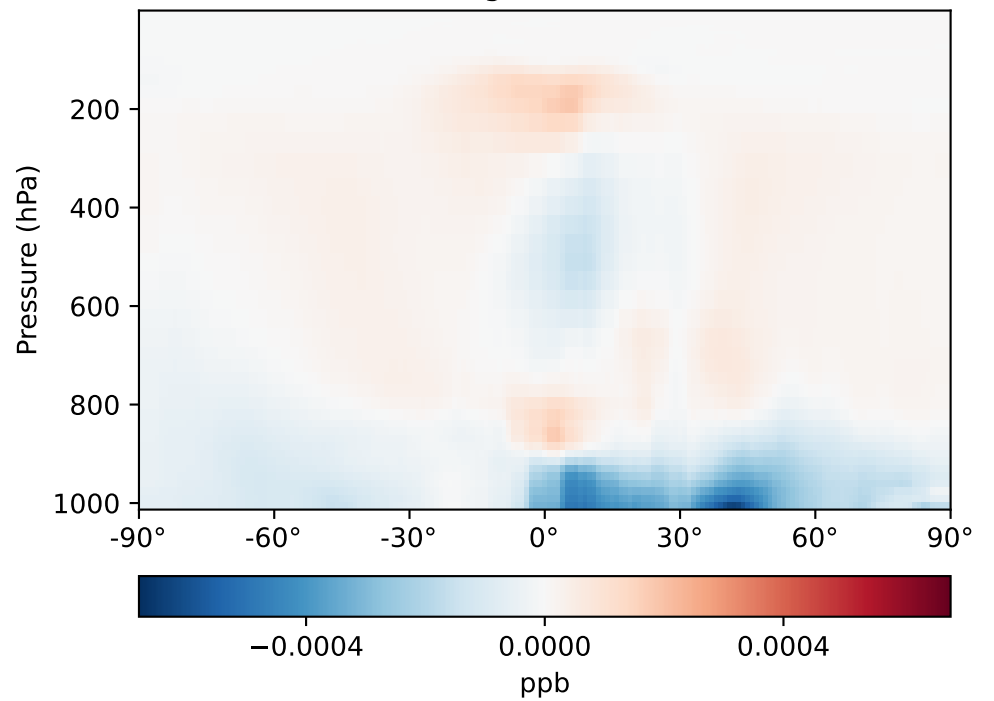


# SpeciesConcVV\_CHBr3, Zonal Mean

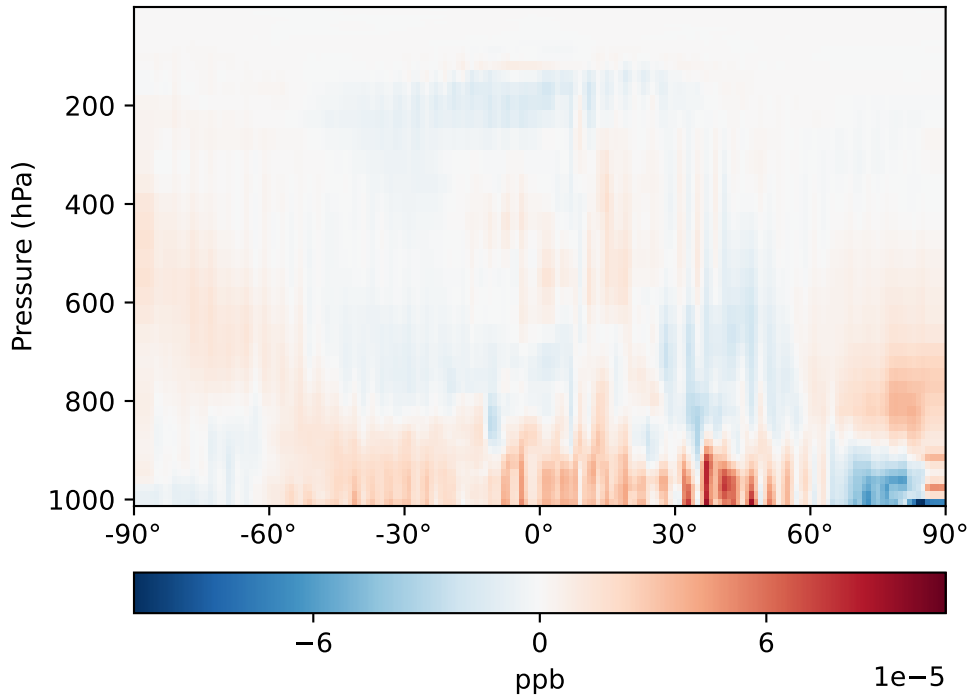
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



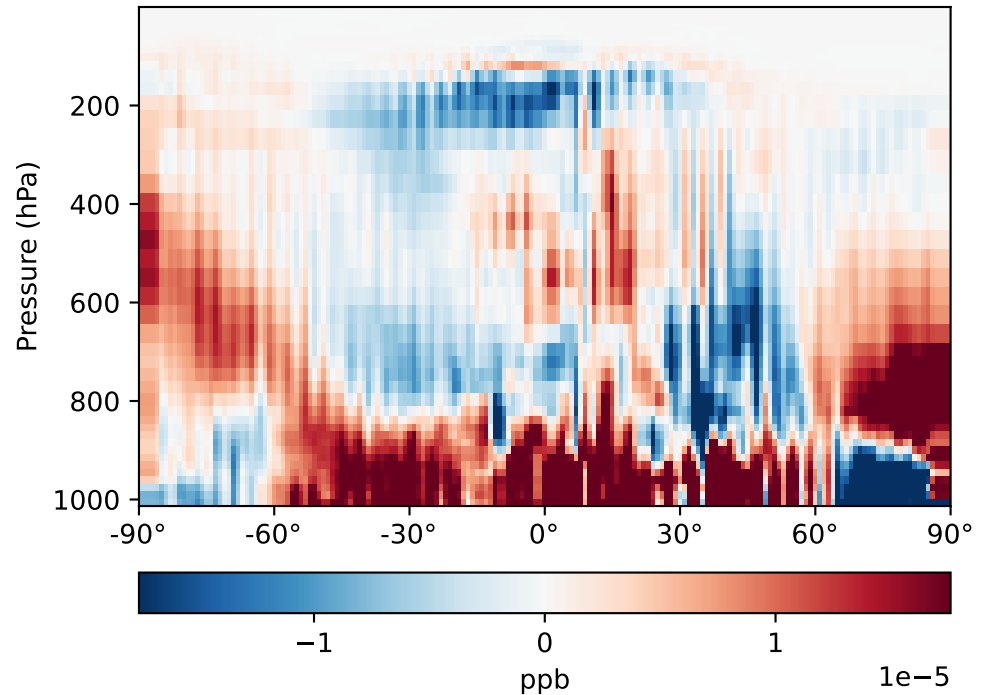
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regrided from c24



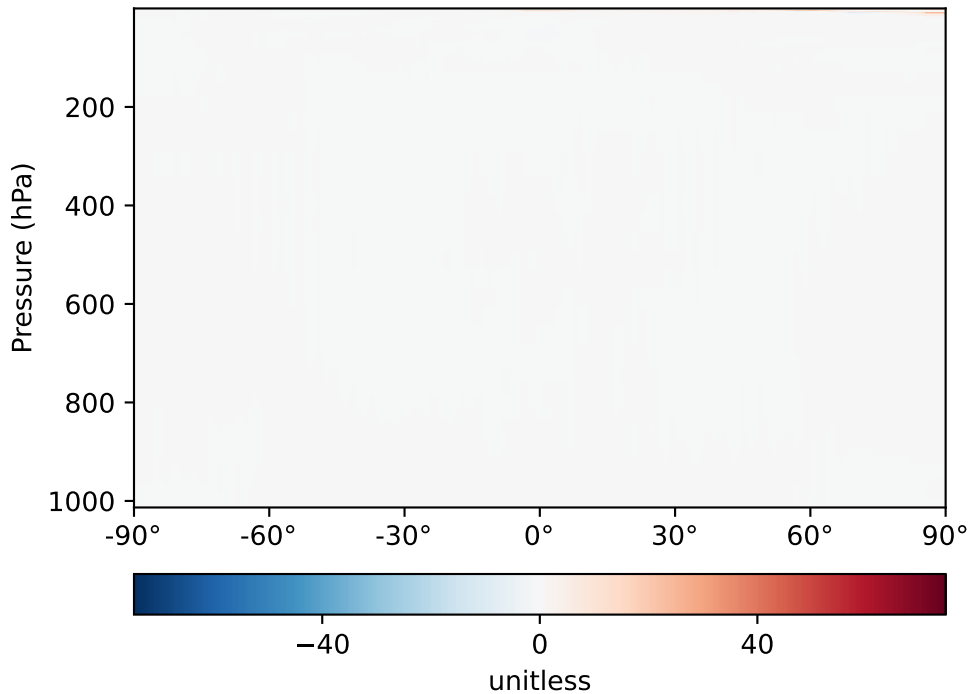
Difference (1x1.25)  
Dev - Ref, Dynamic Range



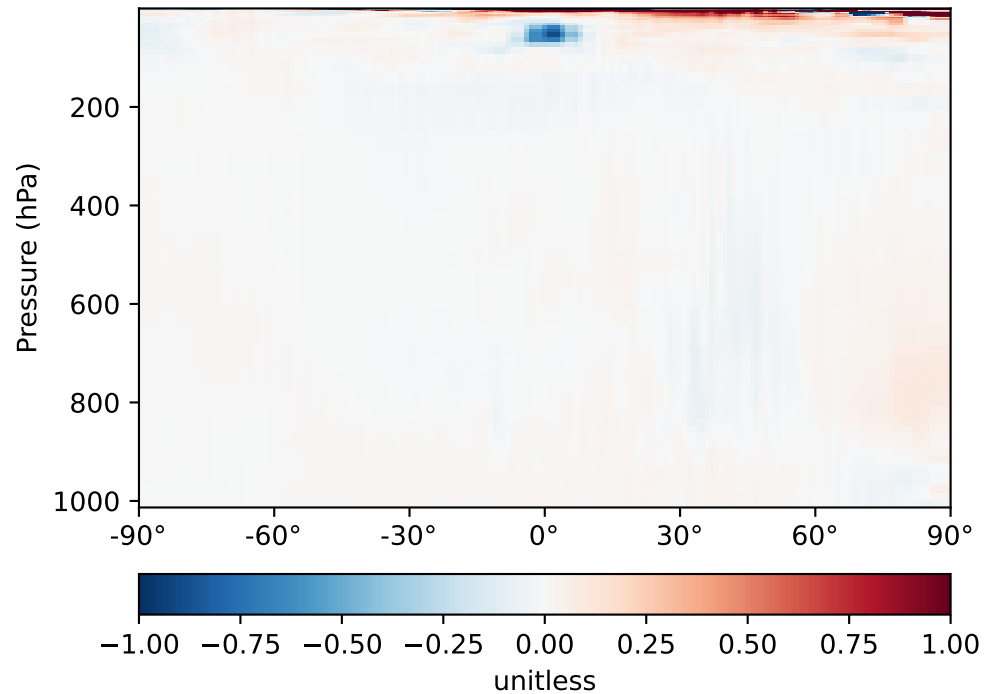
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

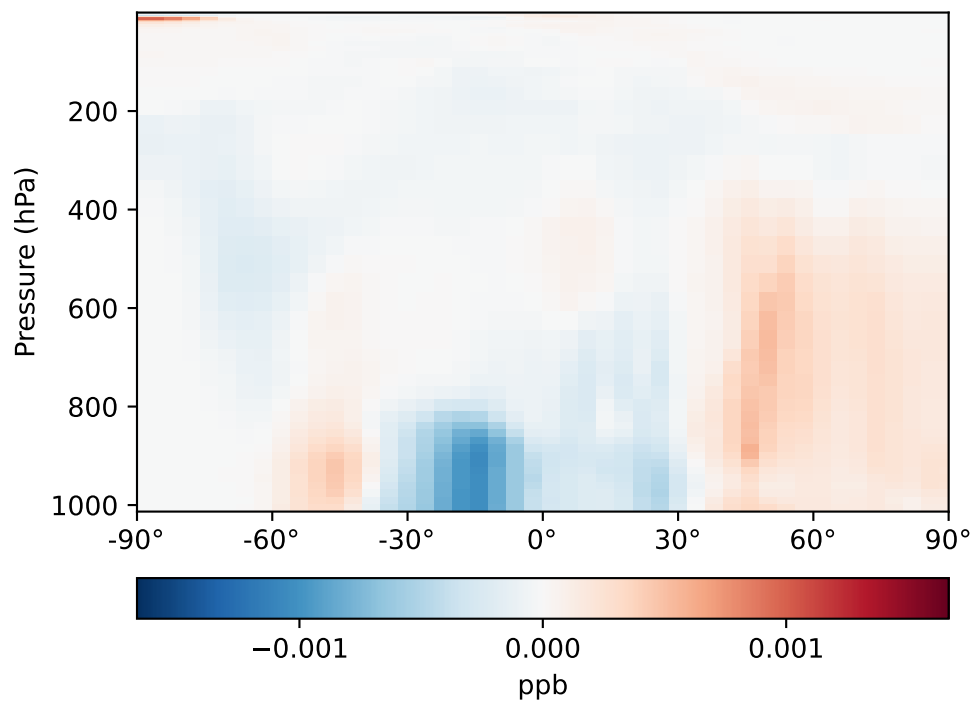


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

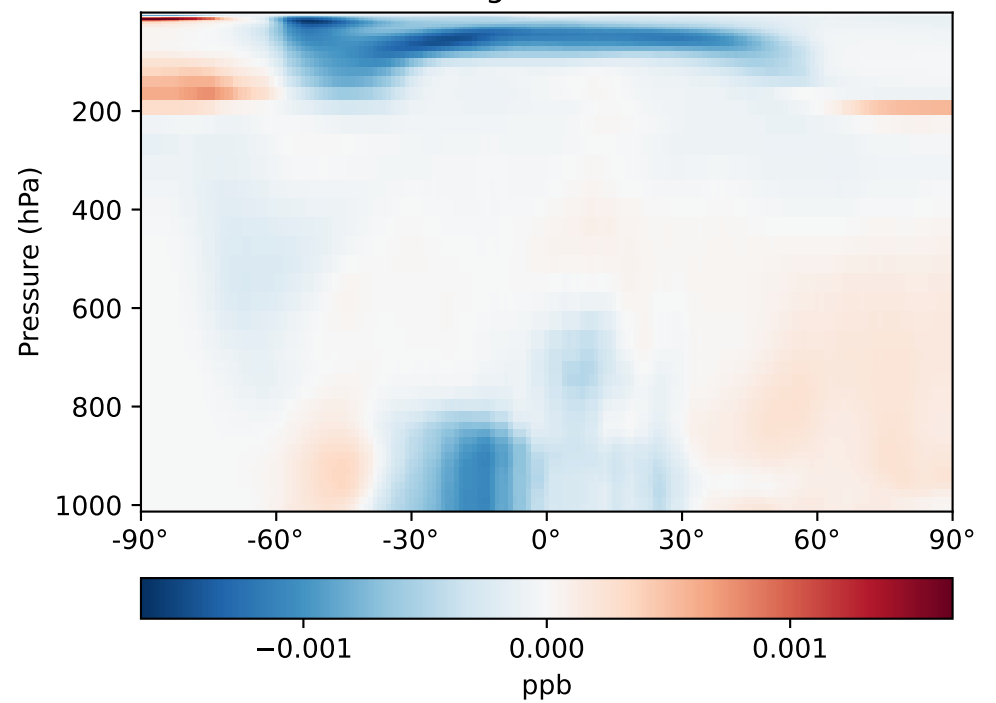


# SpeciesConcVV\_HOBr, Zonal Mean

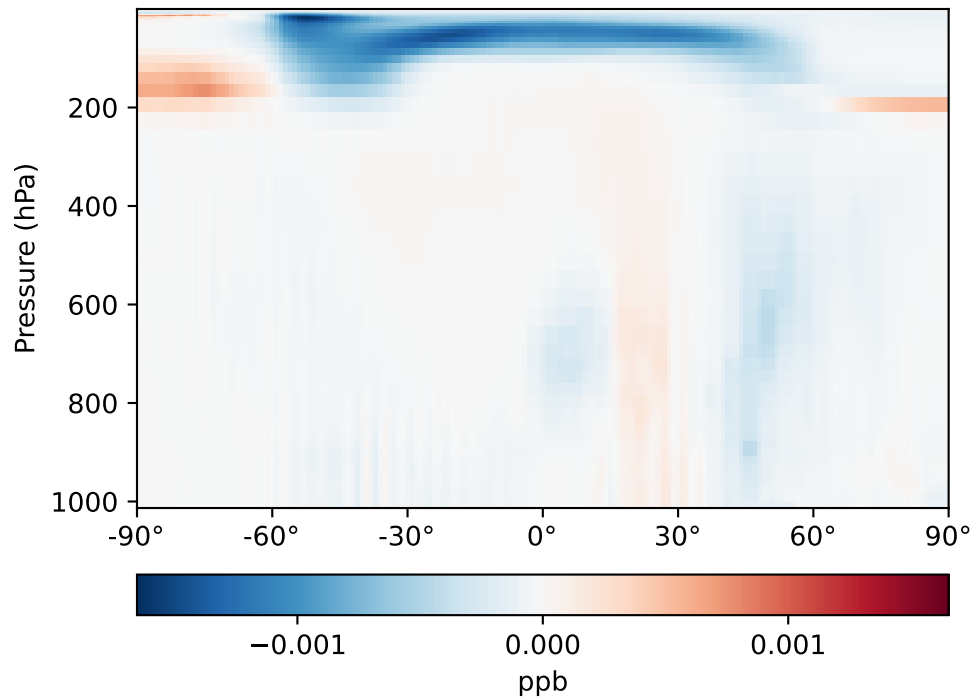
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



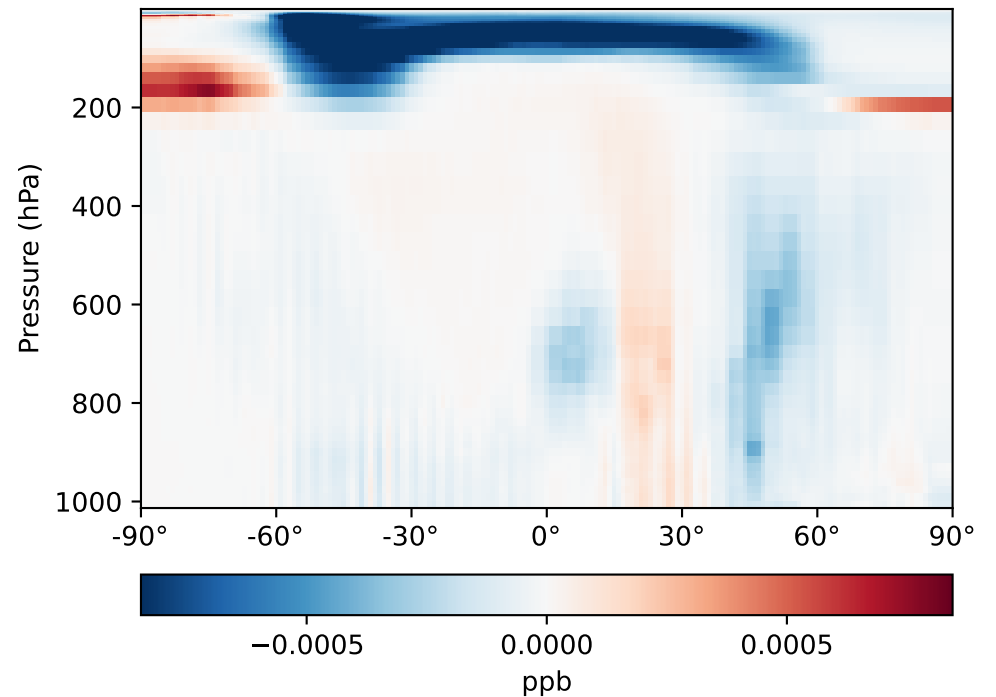
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regridded from c24



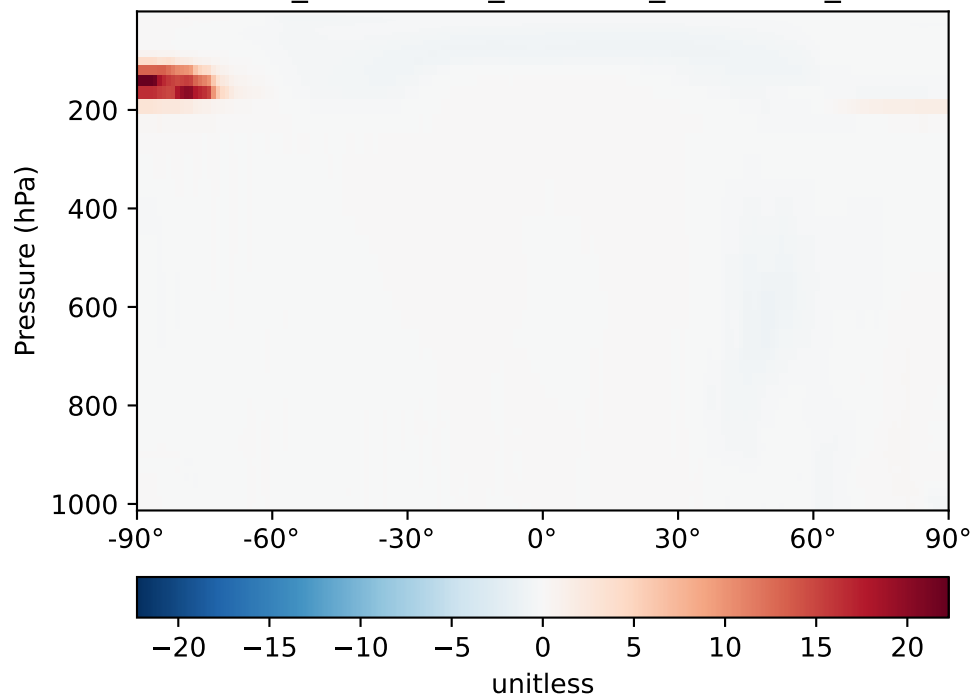
Difference (1x1.25)  
Dev - Ref, Dynamic Range



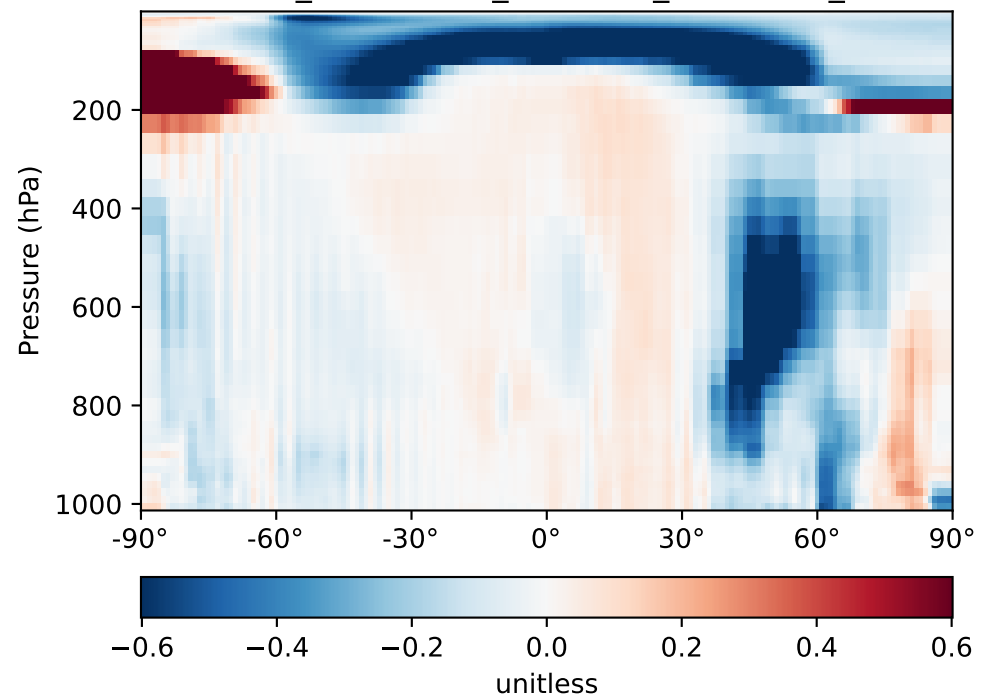
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

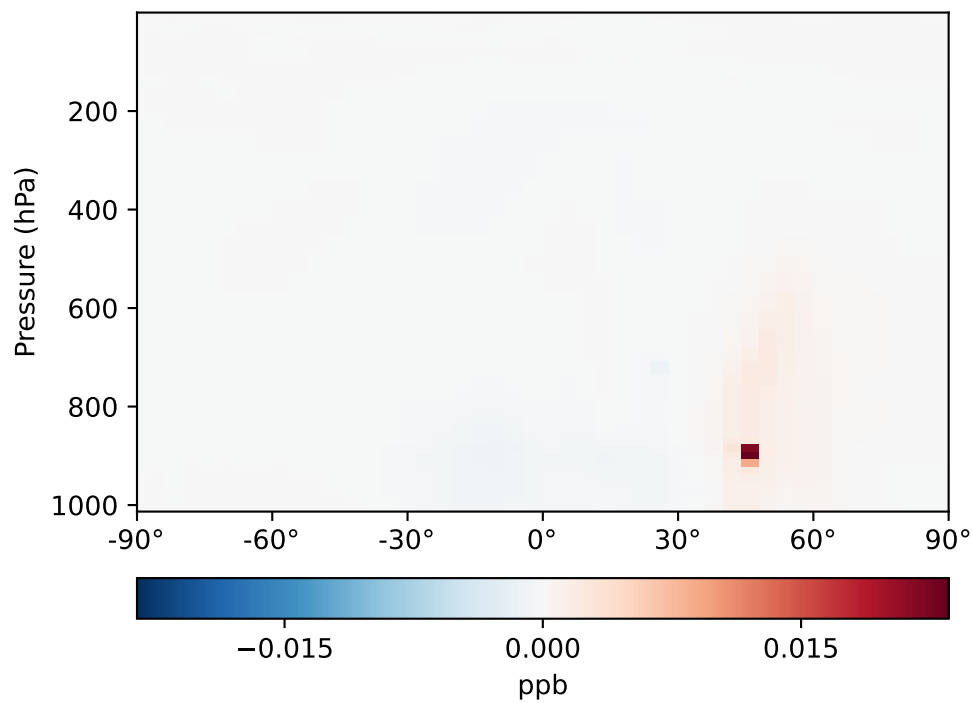


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

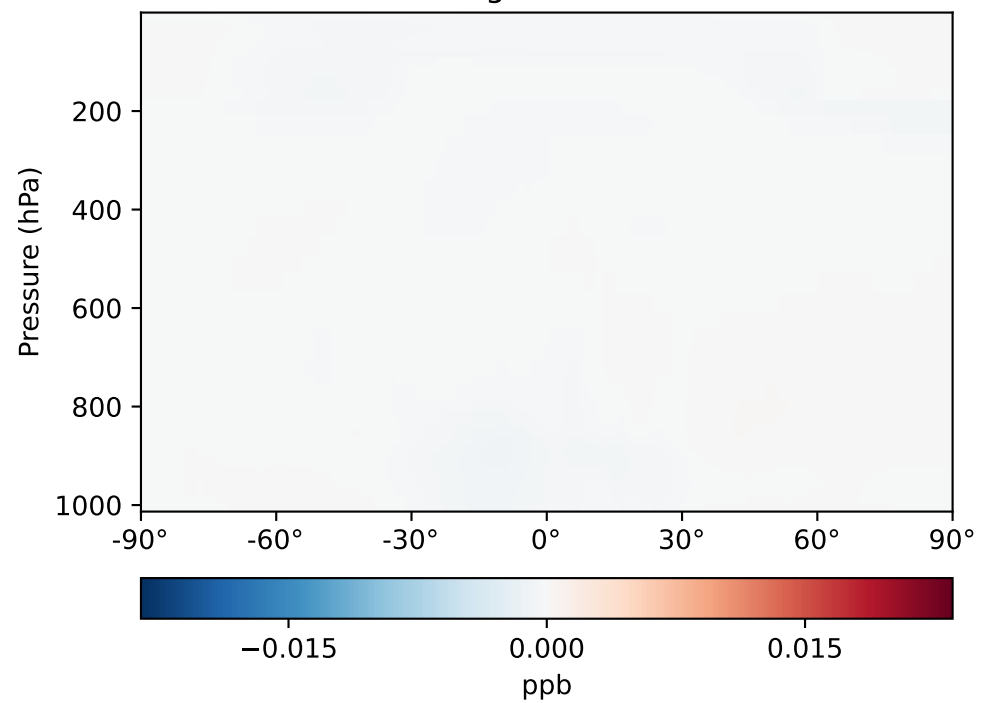


# SpeciesConcVV\_HBr, Zonal Mean

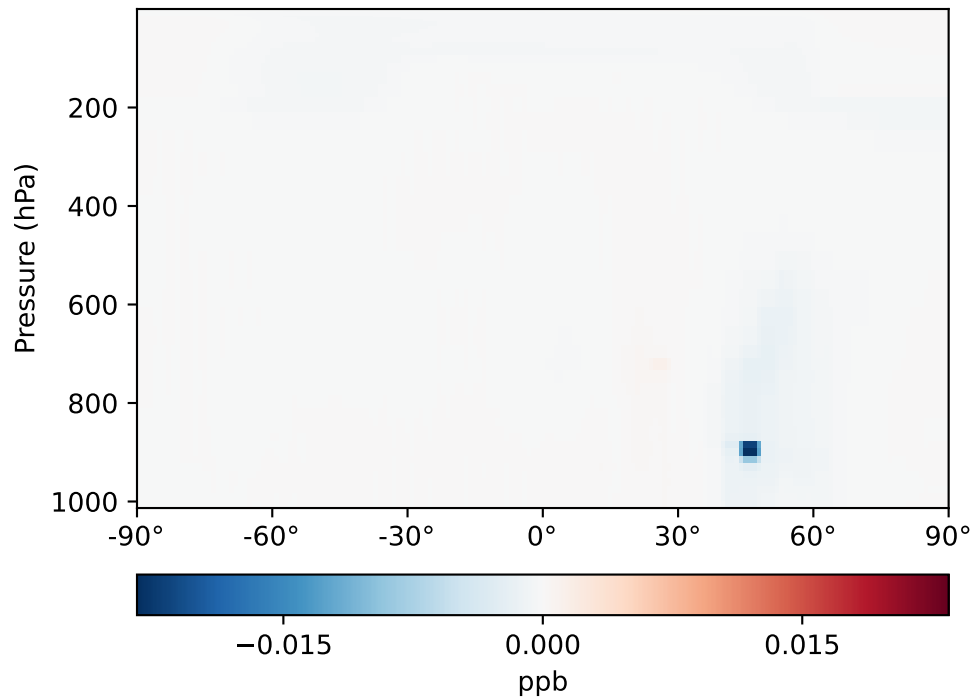
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



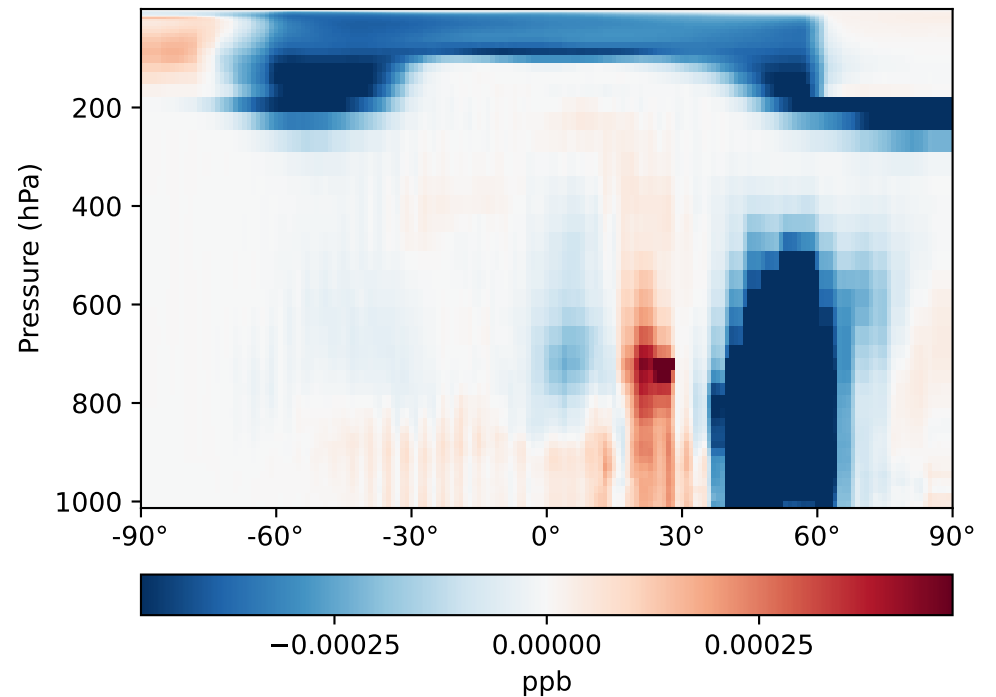
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
1x1.25 regridged from c24



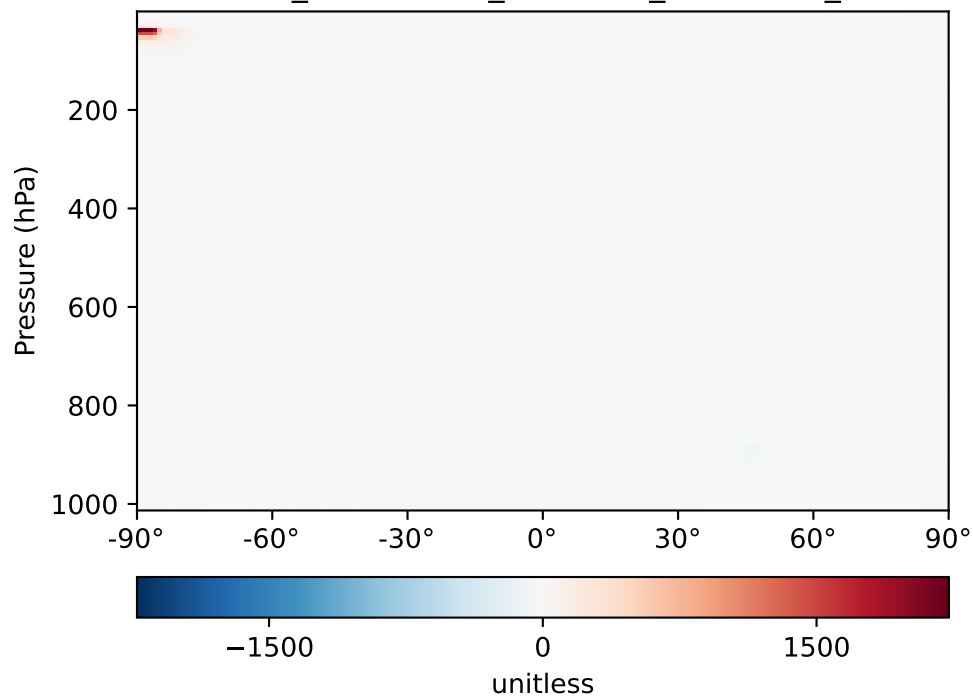
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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

