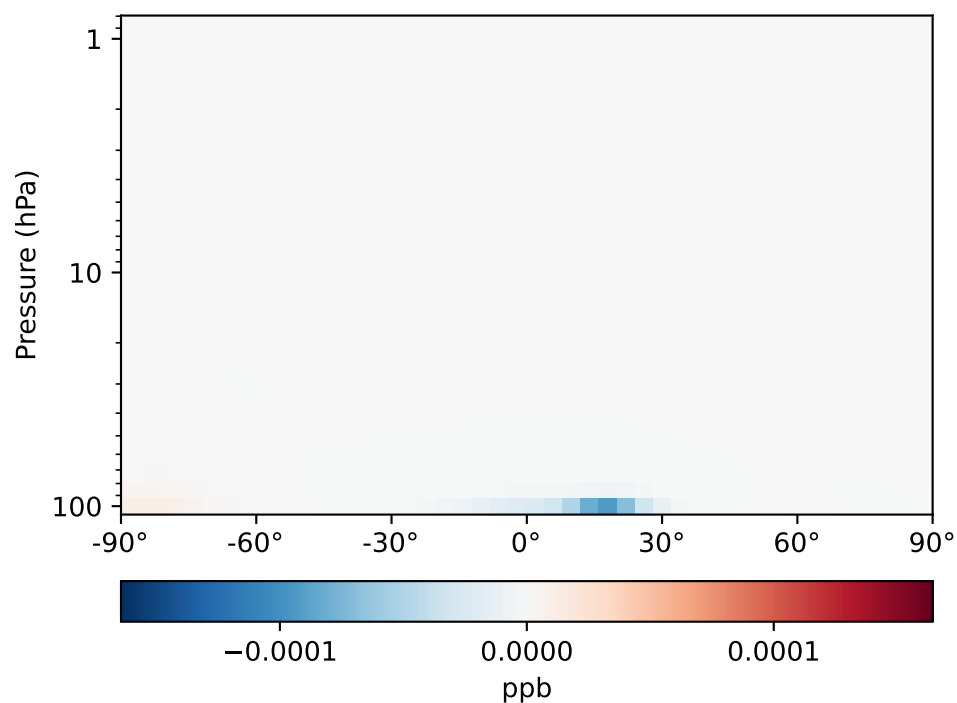
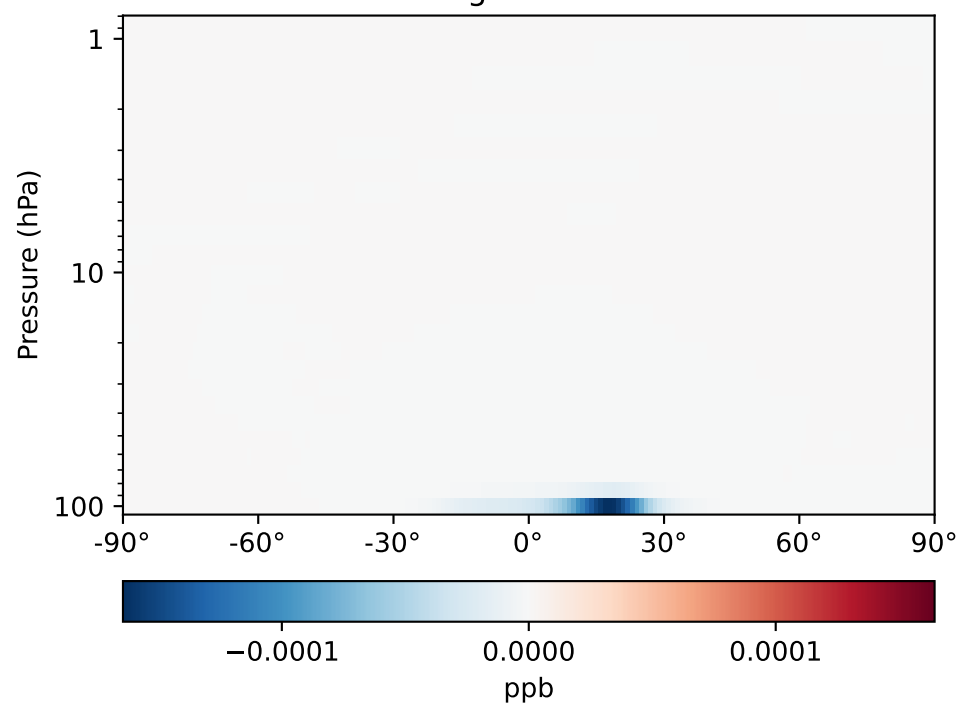


# SpeciesConc\_EOH, Zonal Mean

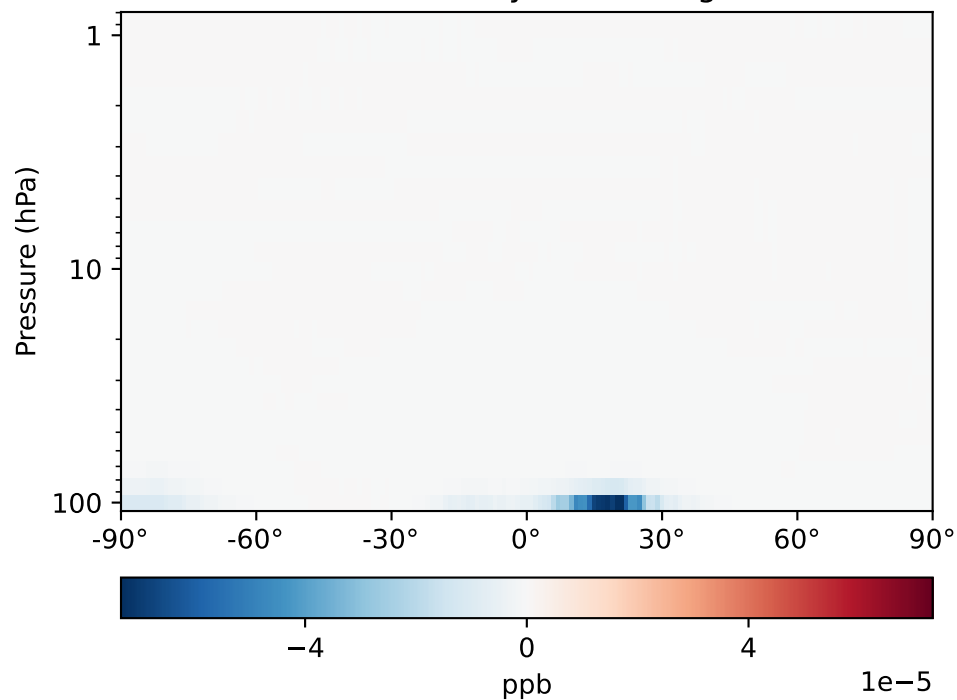
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



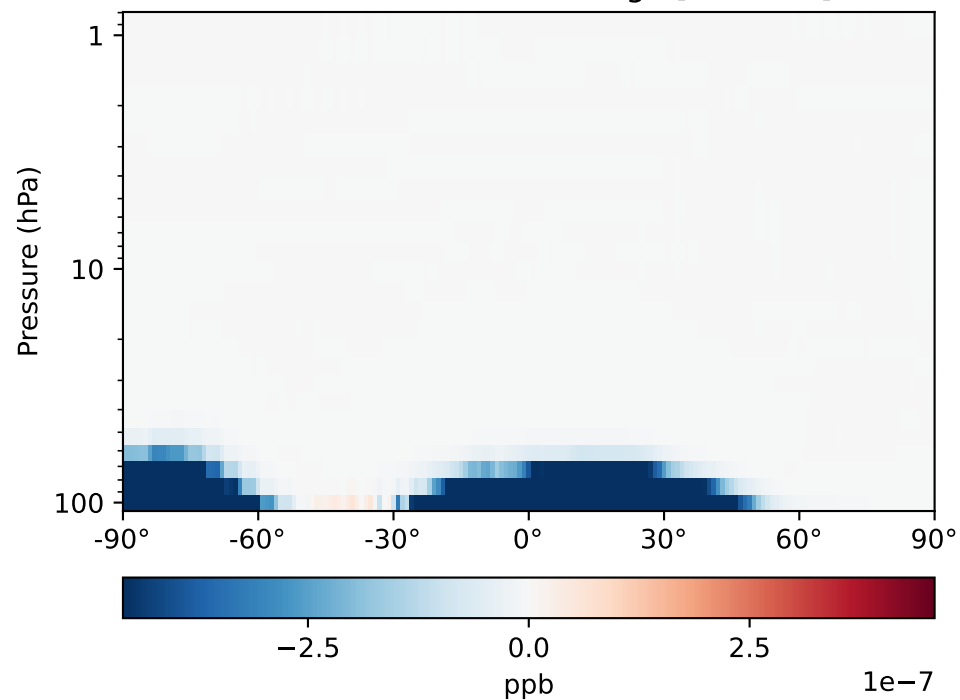
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



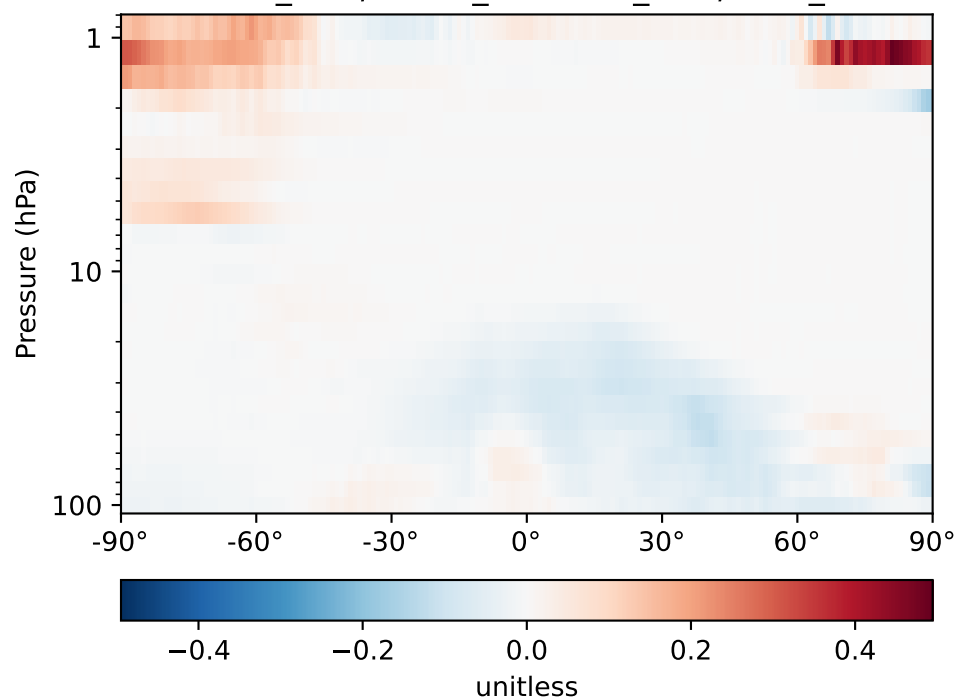
Difference (1x1.25)  
Dev - Ref, Dynamic Range



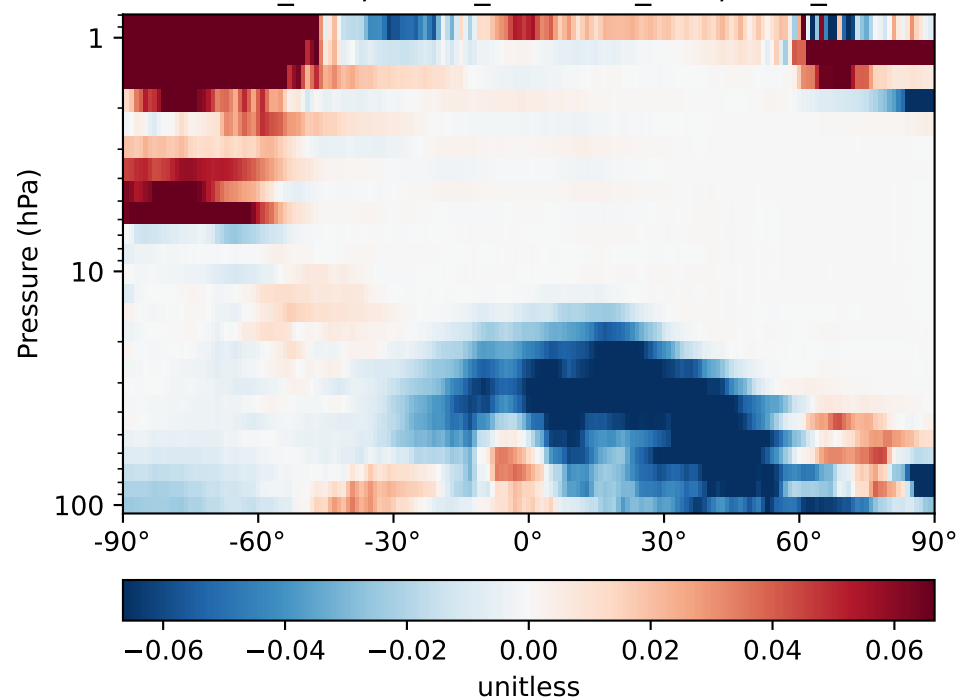
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

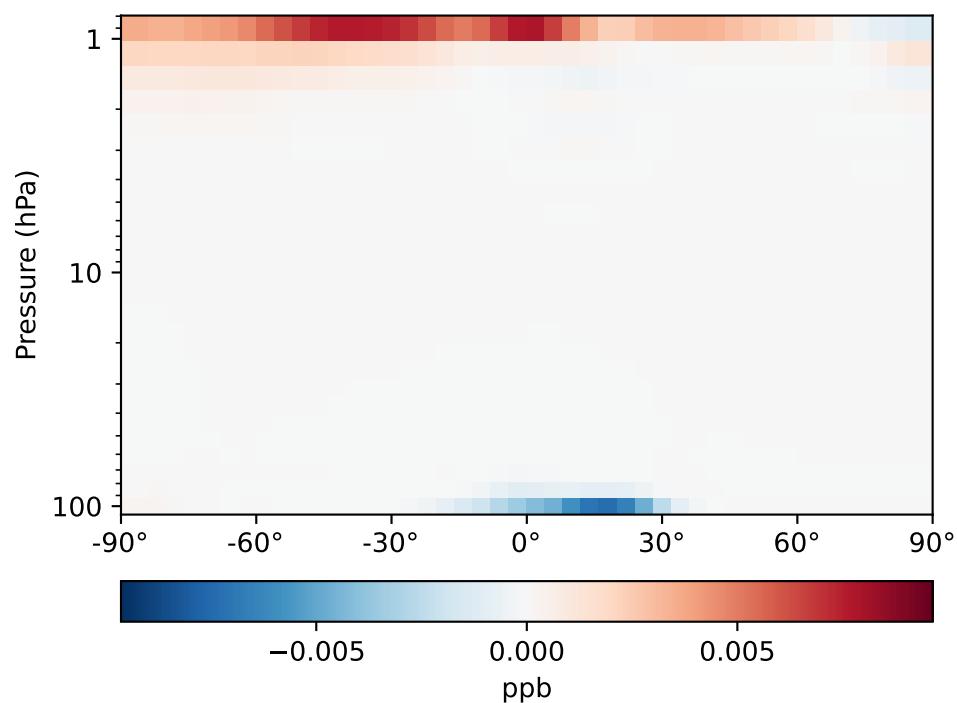


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

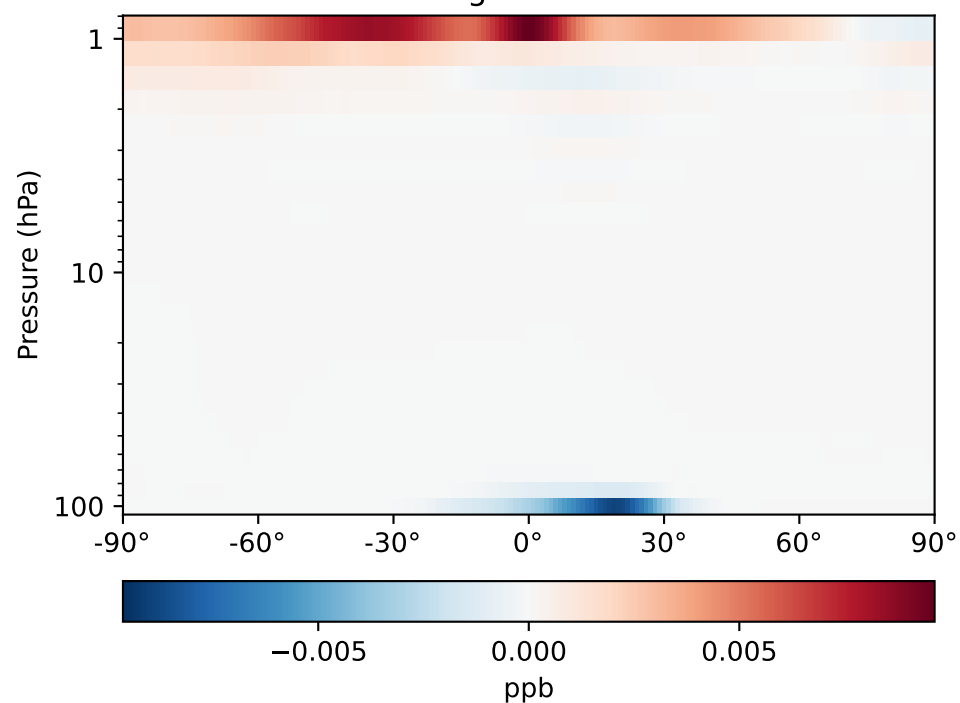


# SpeciesConc\_MOH, Zonal Mean

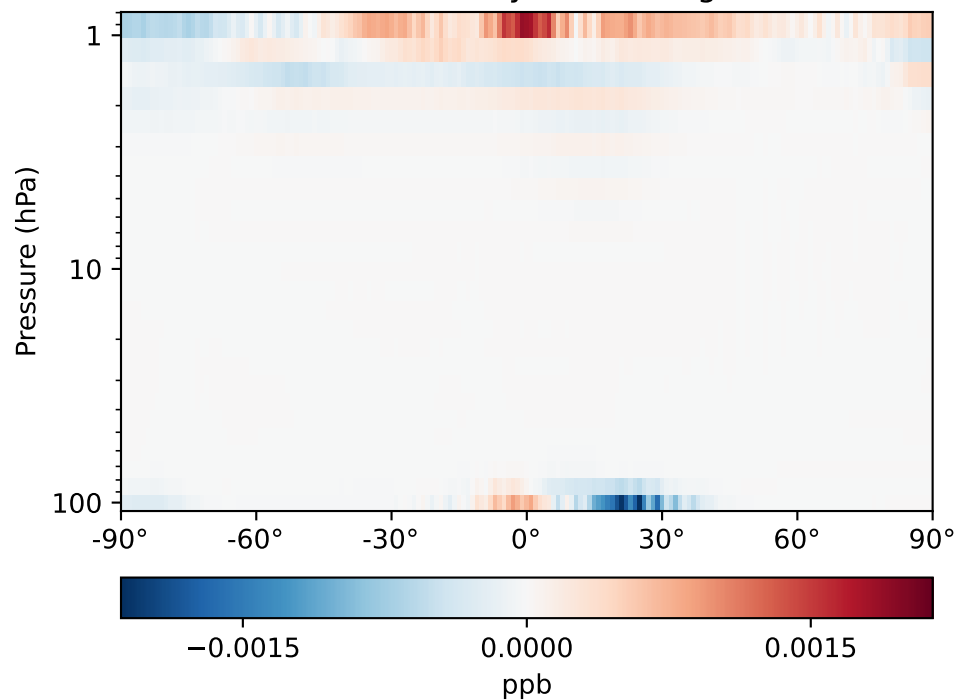
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



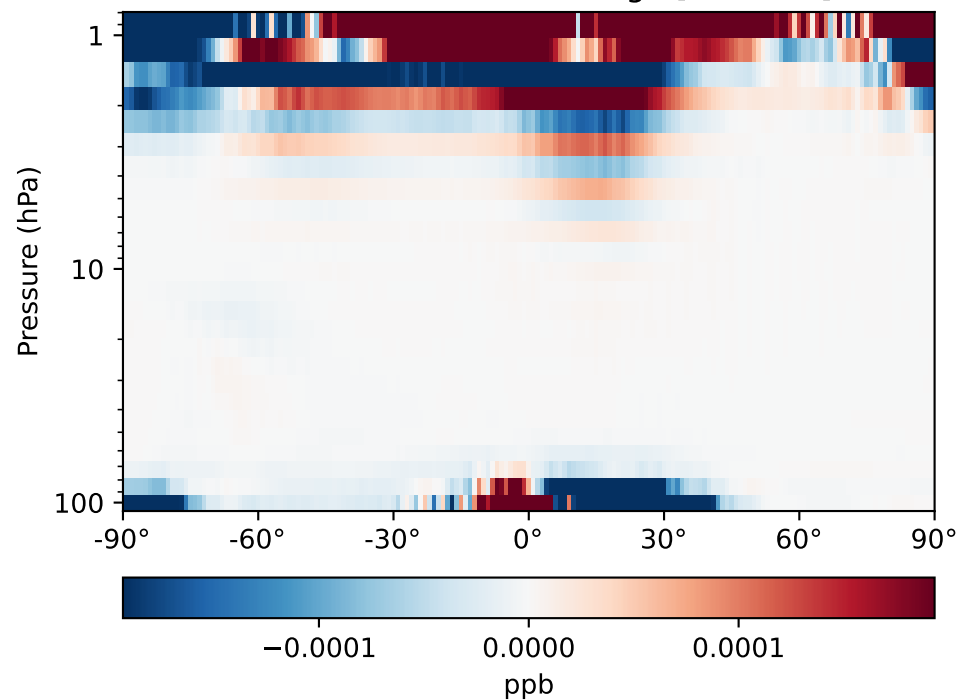
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regridged from c48



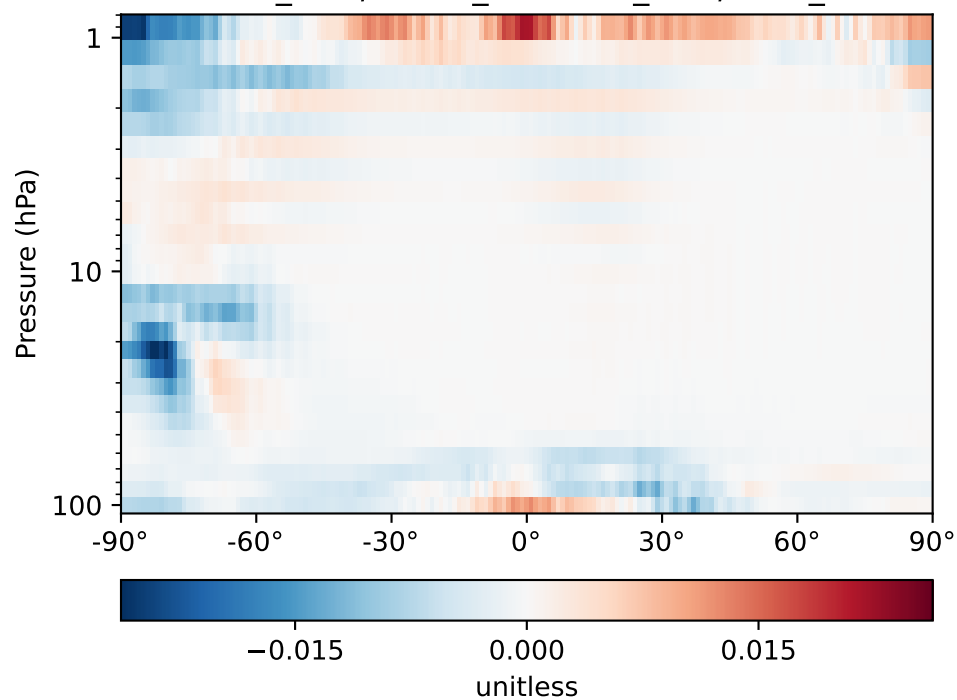
Difference (1x1.25)  
Dev - Ref, Dynamic Range



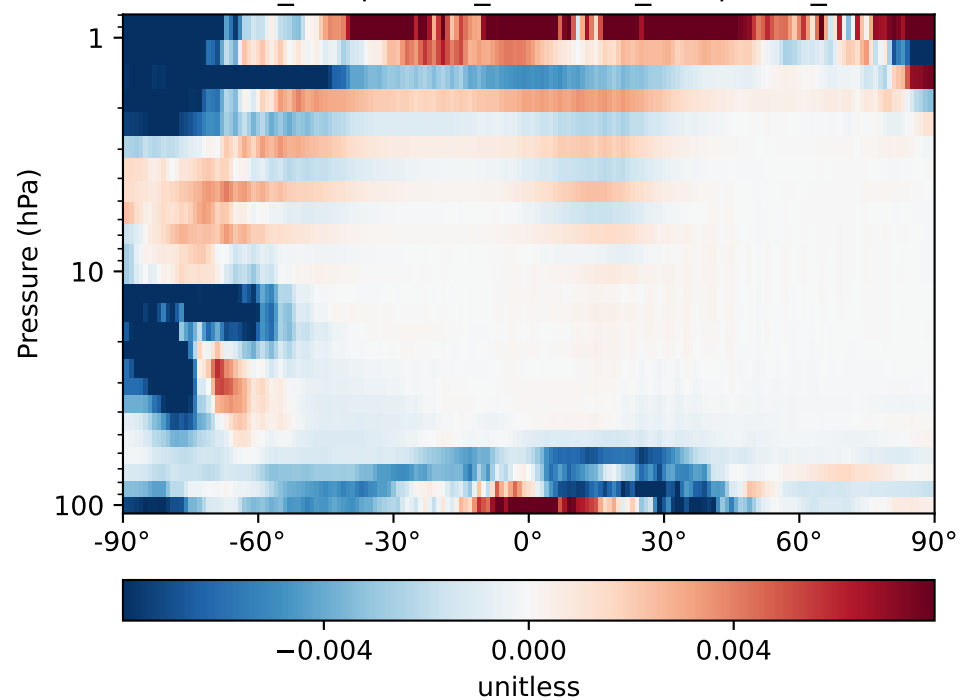
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

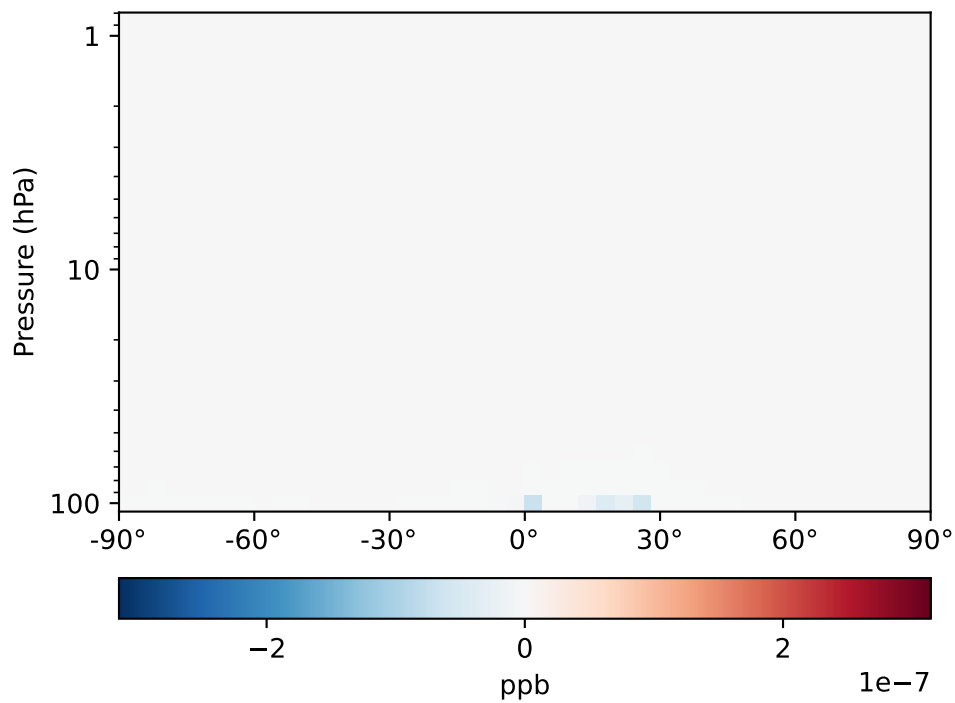


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

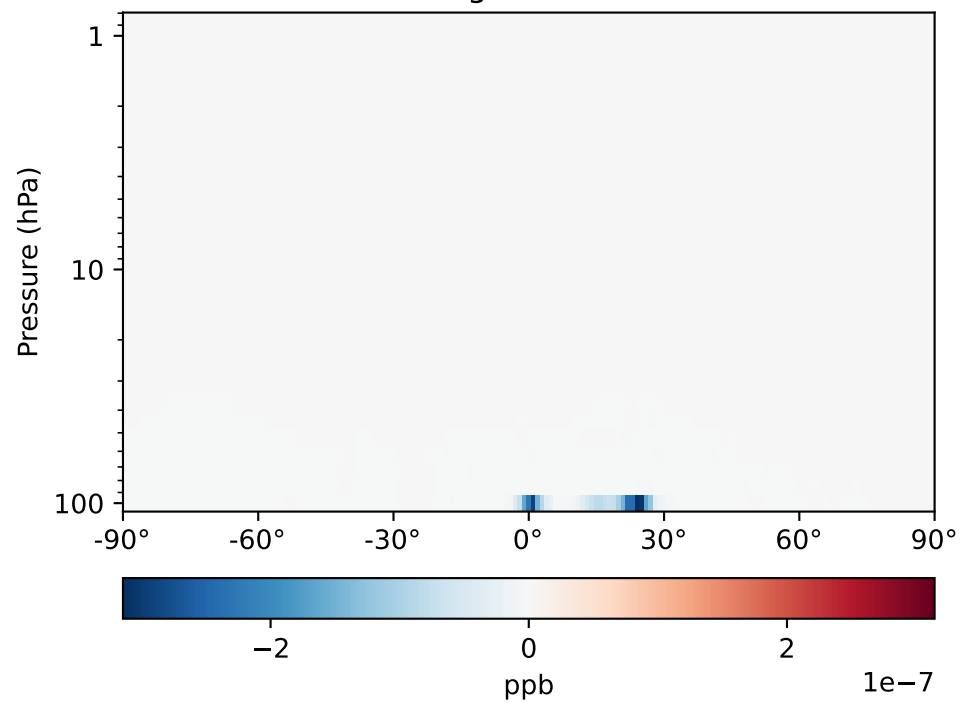


# SpeciesConc\_ISOP, Zonal Mean

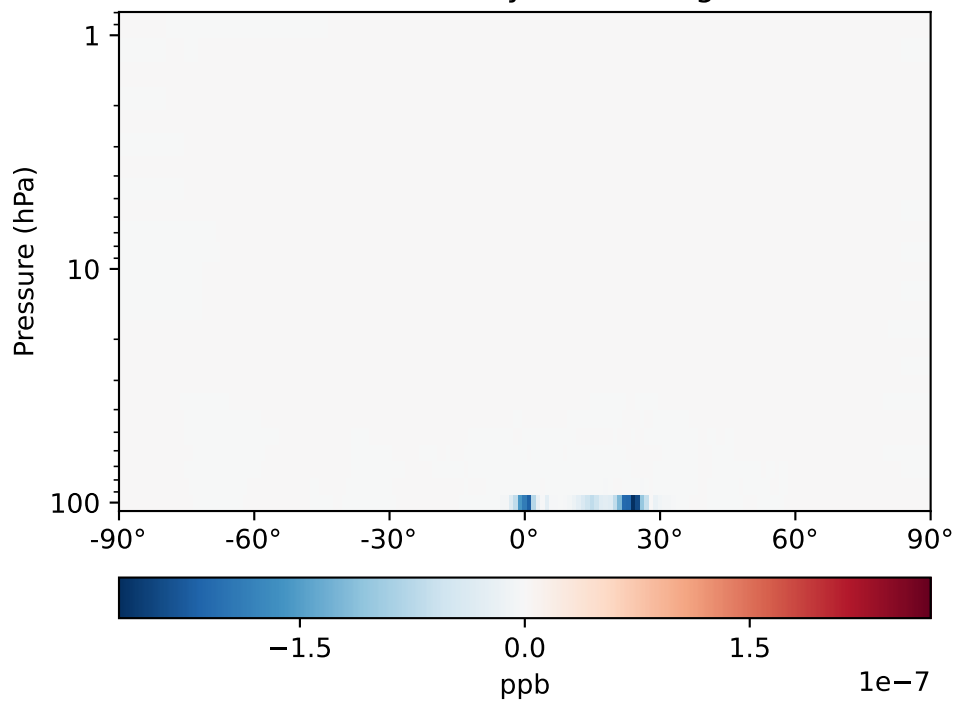
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



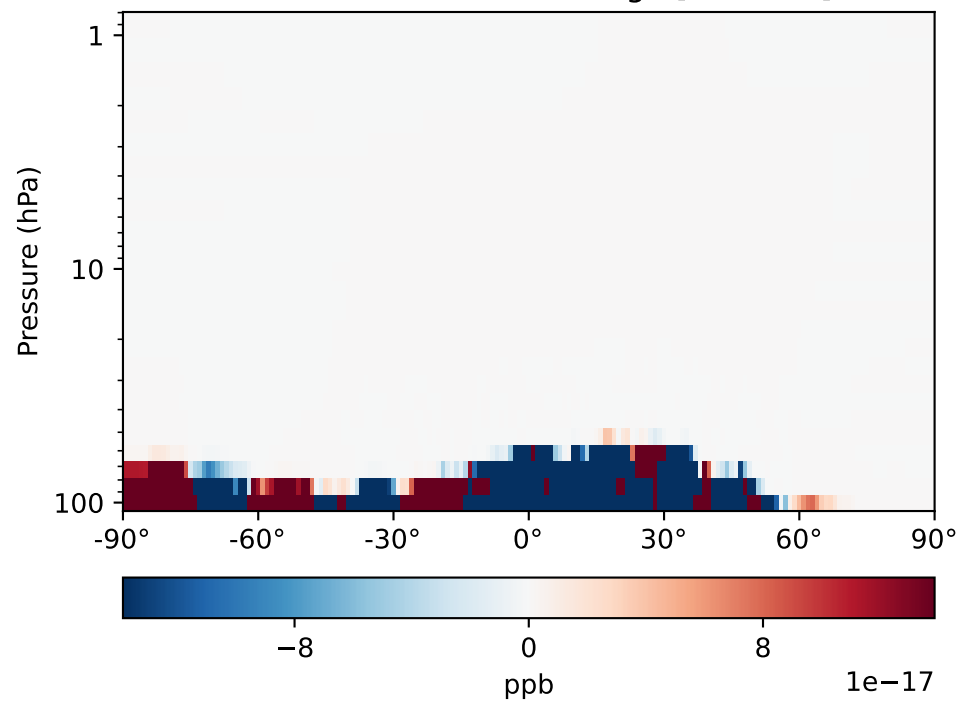
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regridged from c48



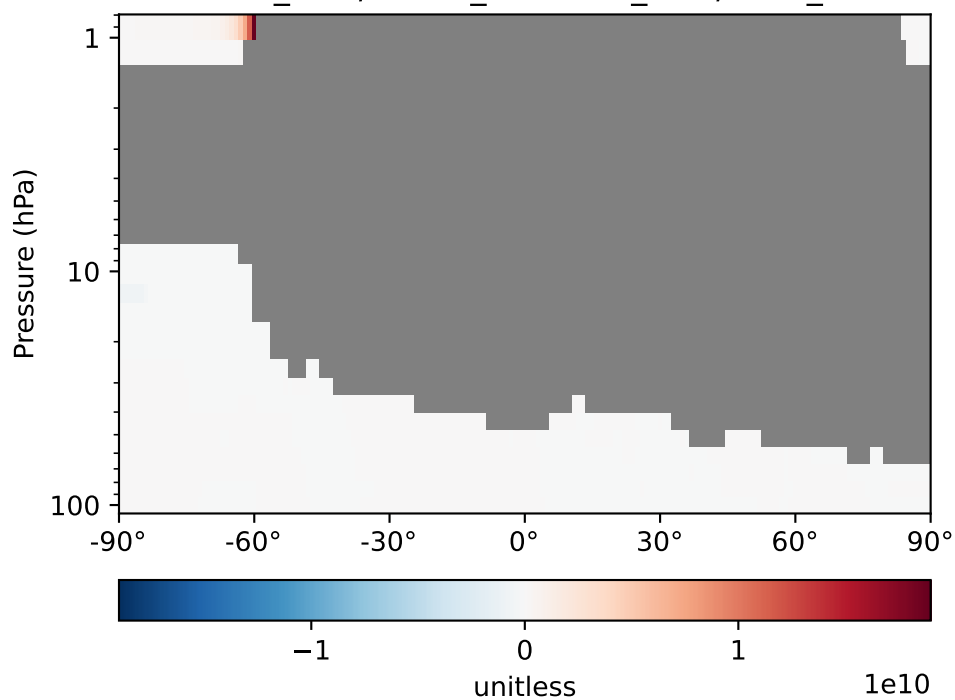
Difference (1x1.25)  
Dev - Ref, Dynamic Range



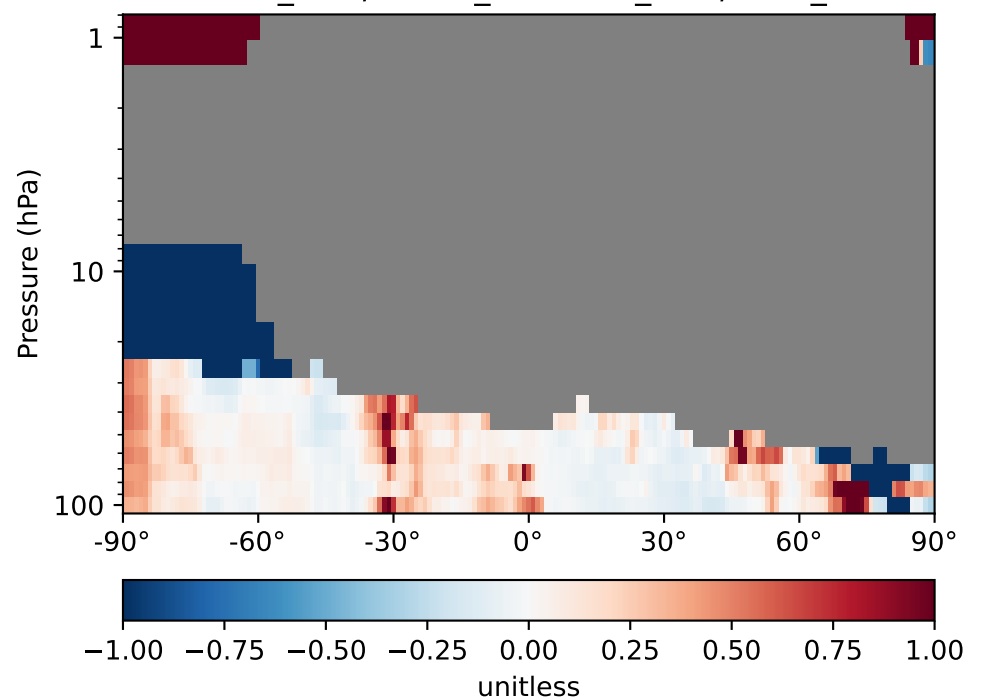
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

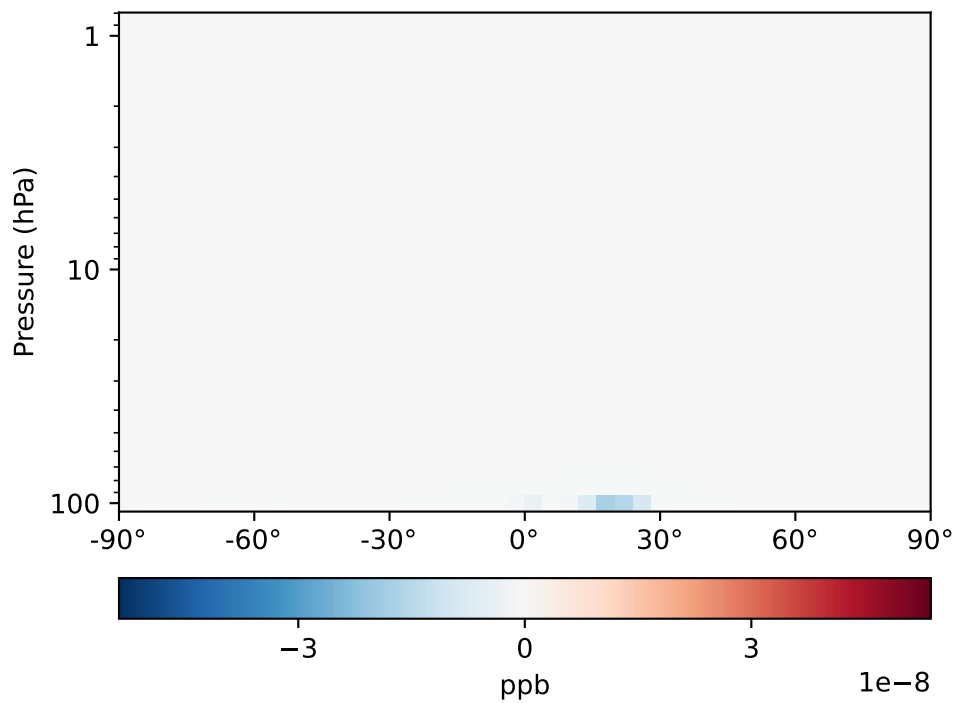


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

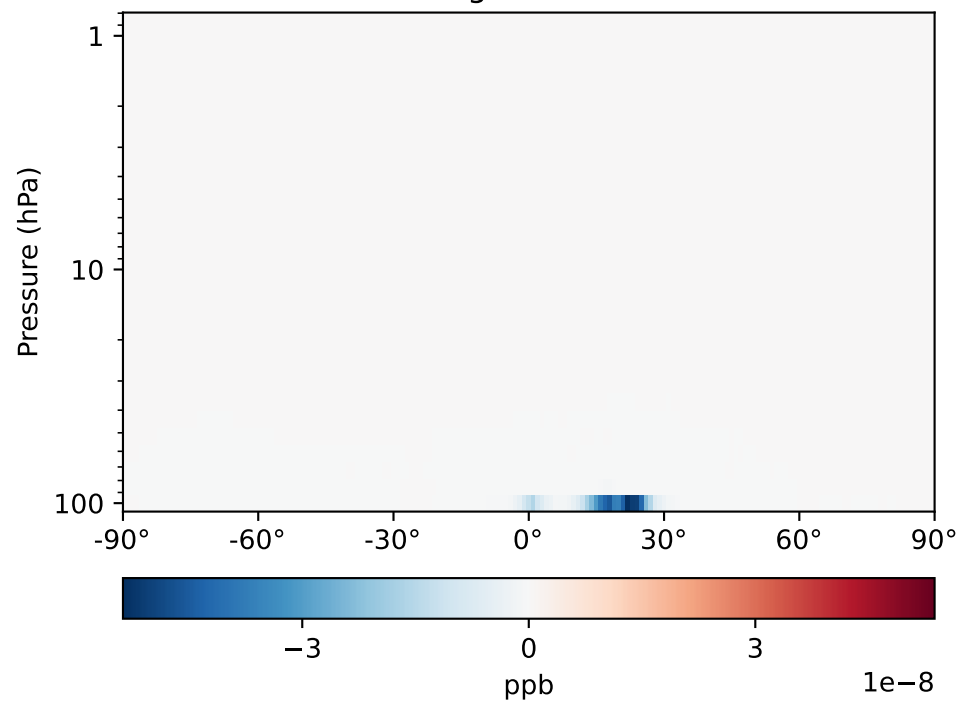


# SpeciesConc\_MTPA, Zonal Mean

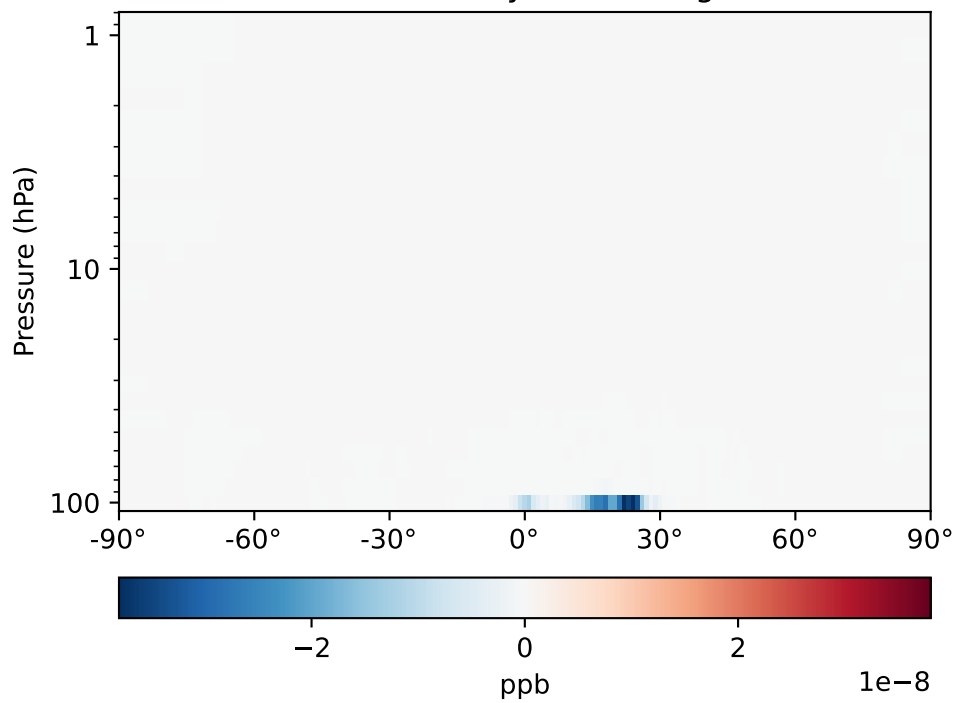
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



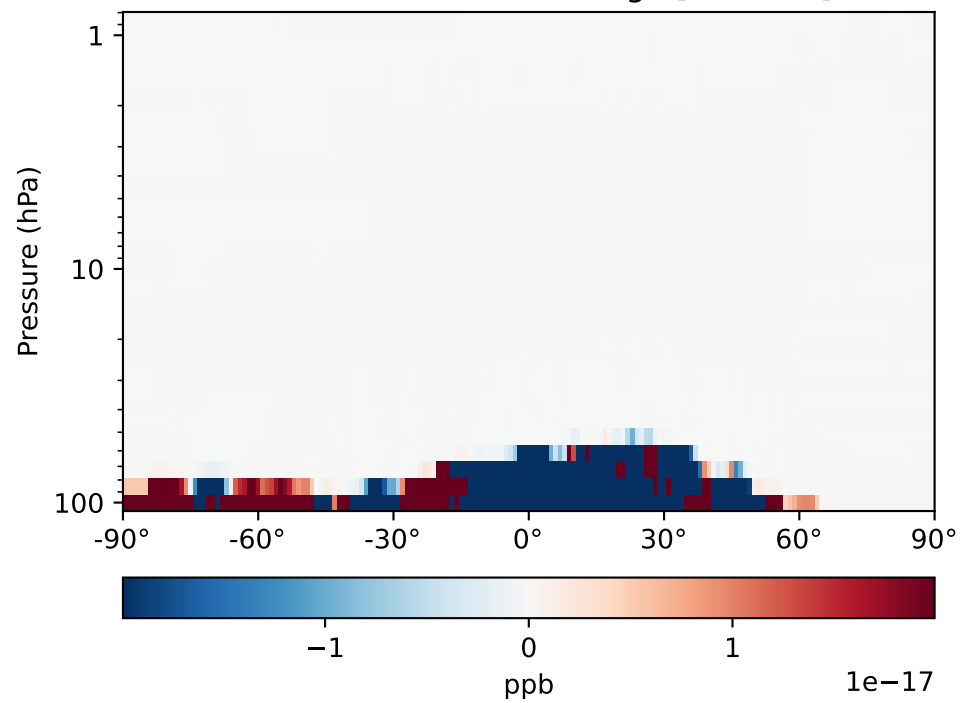
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



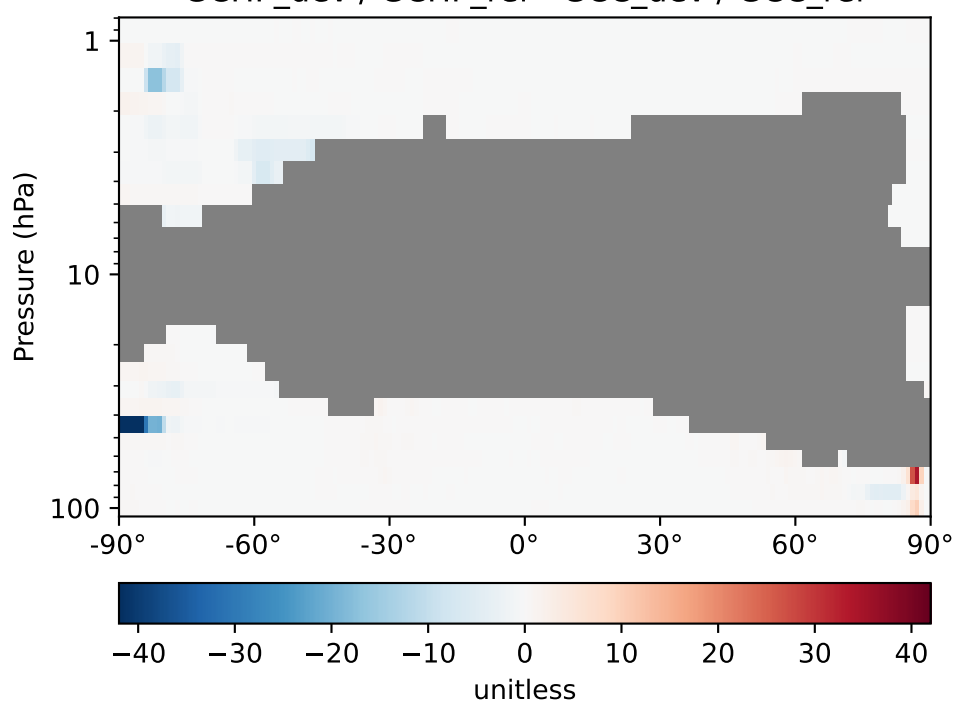
Difference (1x1.25)  
Dev - Ref, Dynamic Range



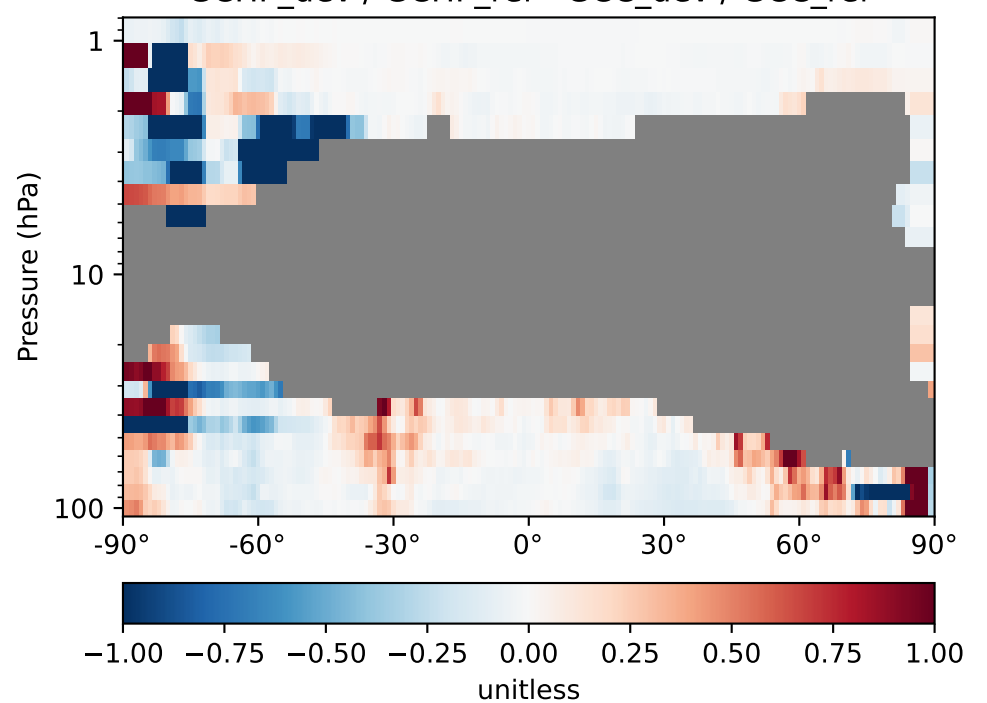
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

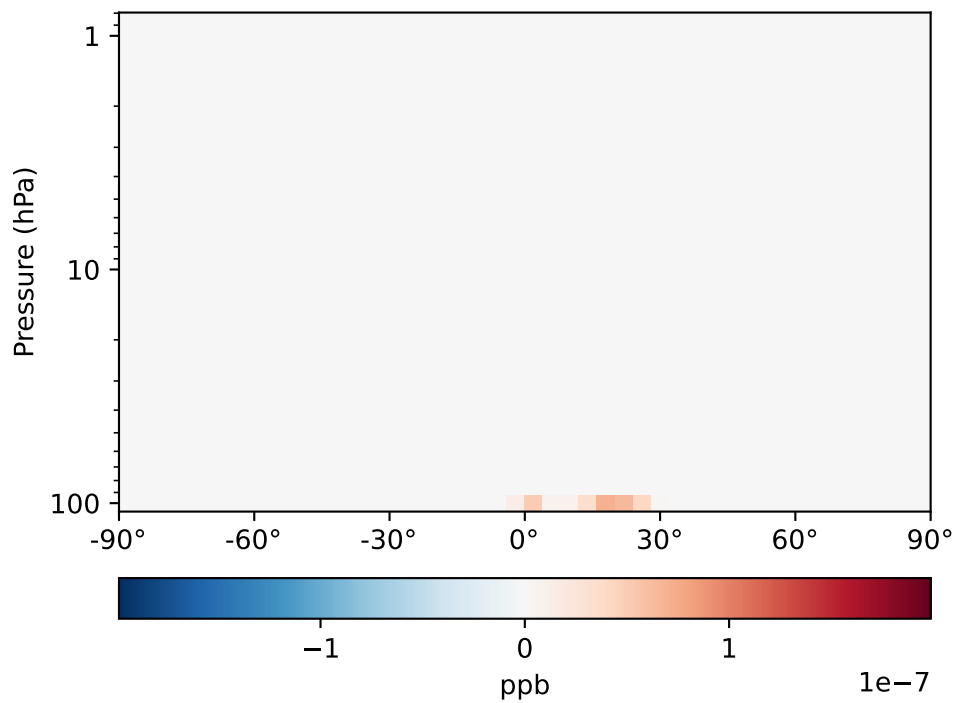


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

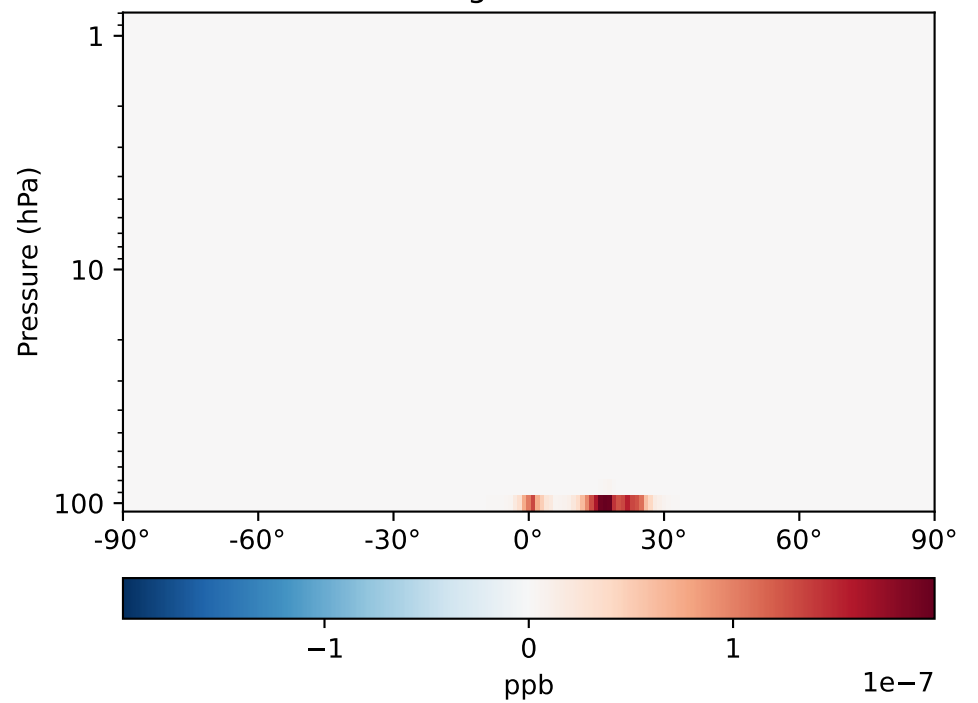


# SpeciesConc\_MTPO, Zonal Mean

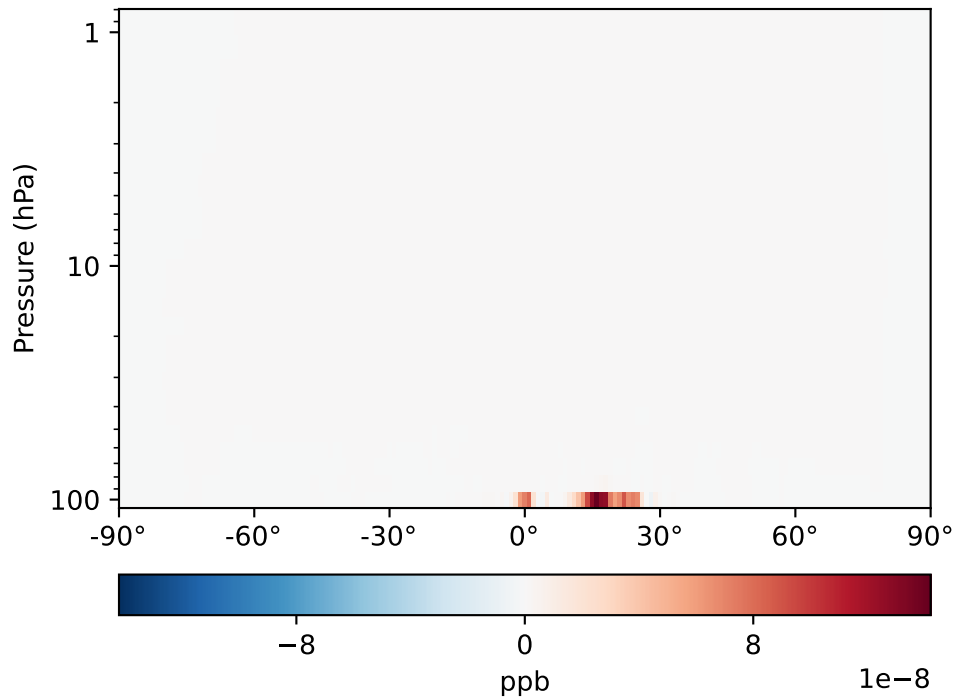
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



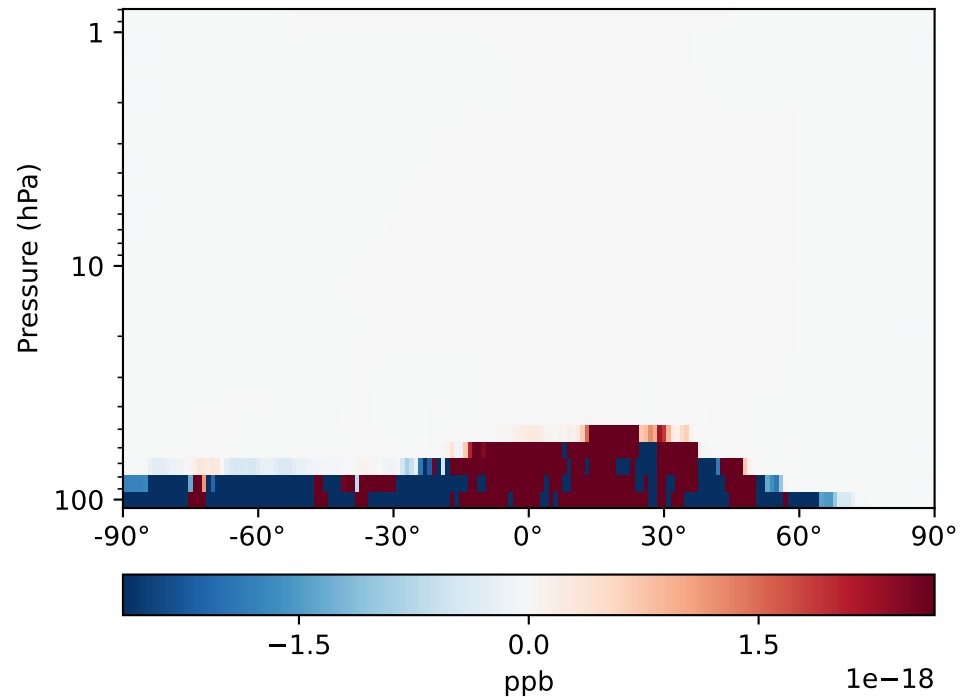
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



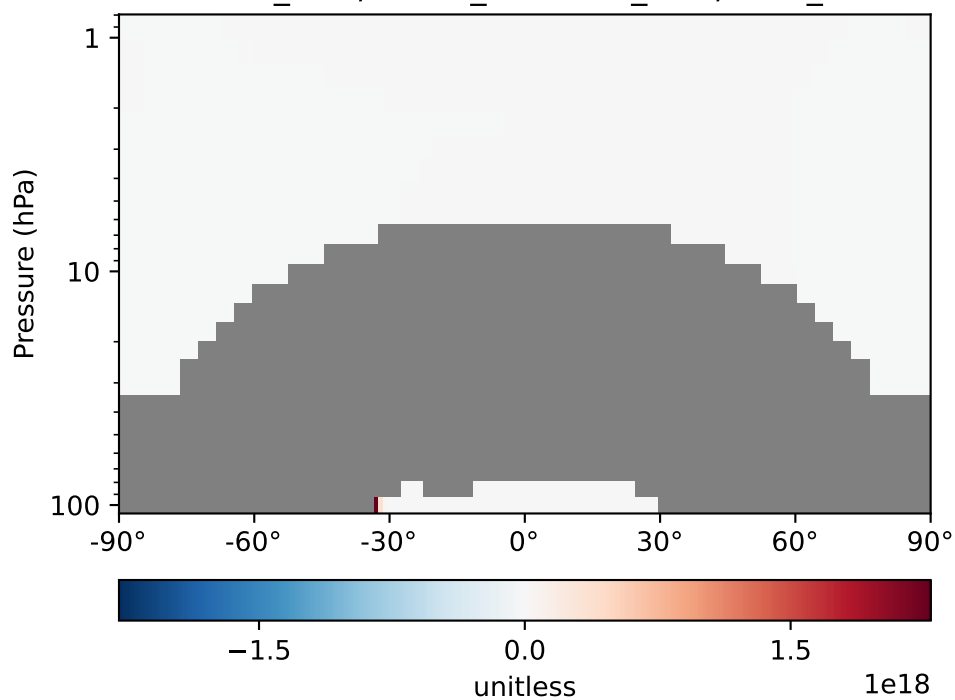
Difference (1x1.25)  
Dev - Ref, Dynamic Range



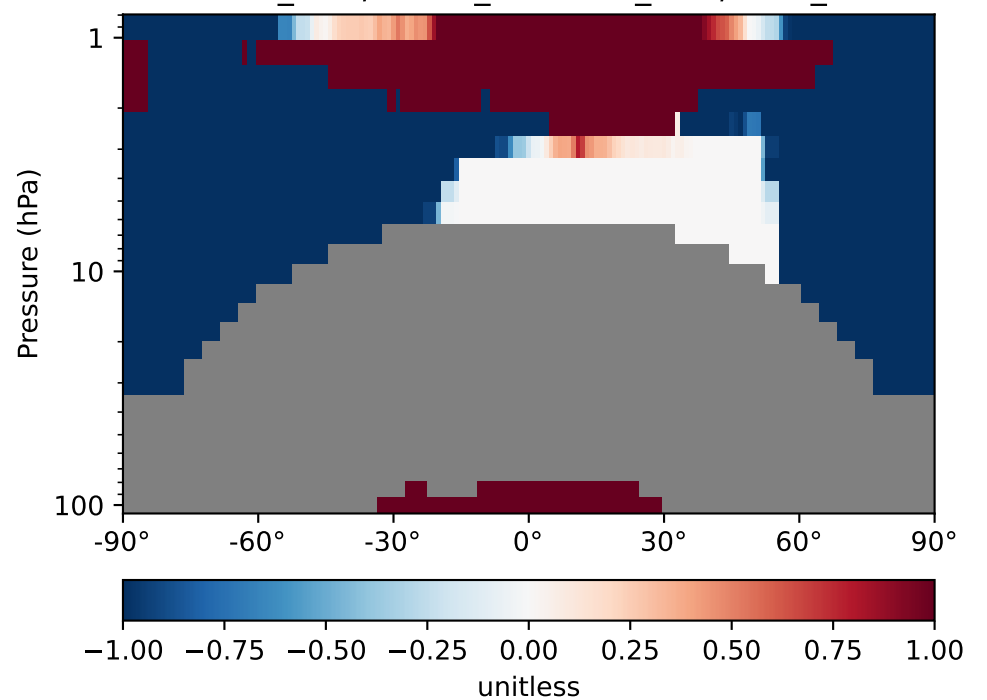
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

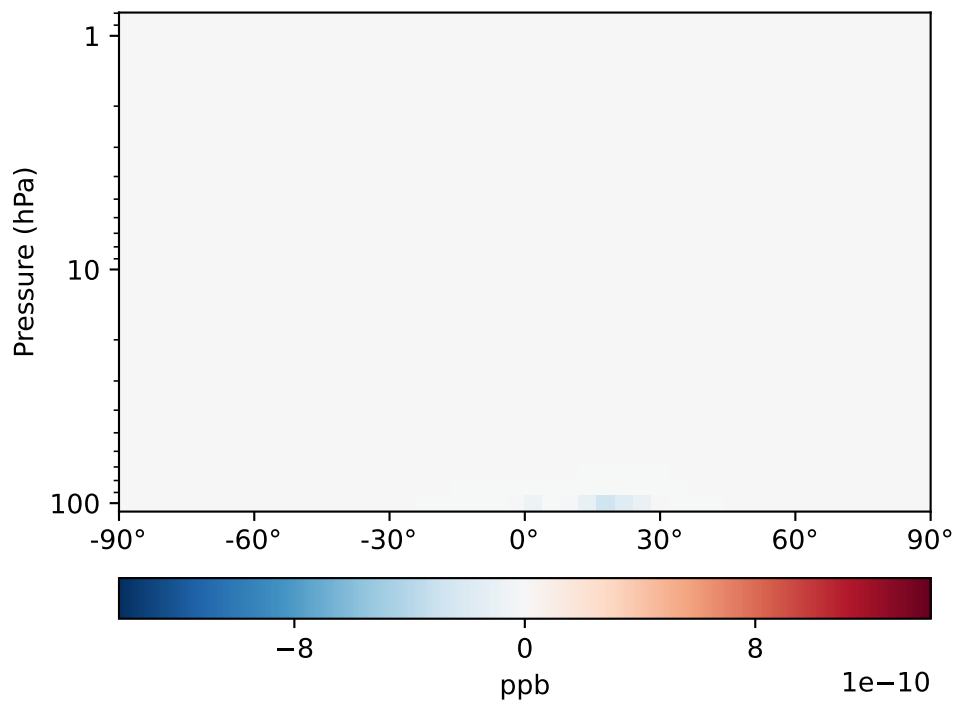


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

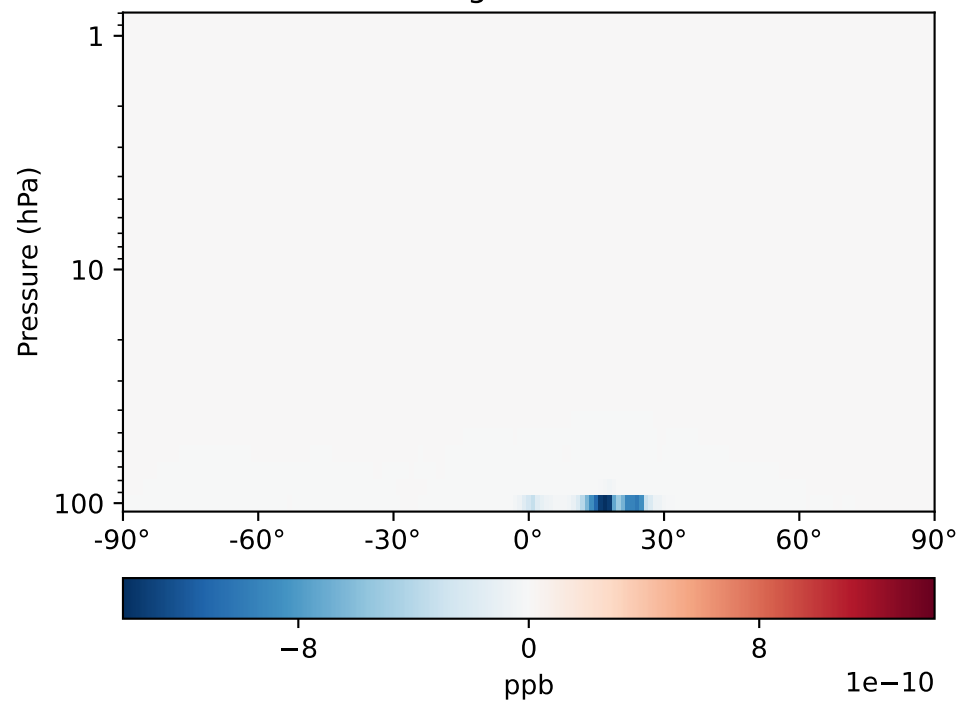


# SpeciesConc\_LIMO, Zonal Mean

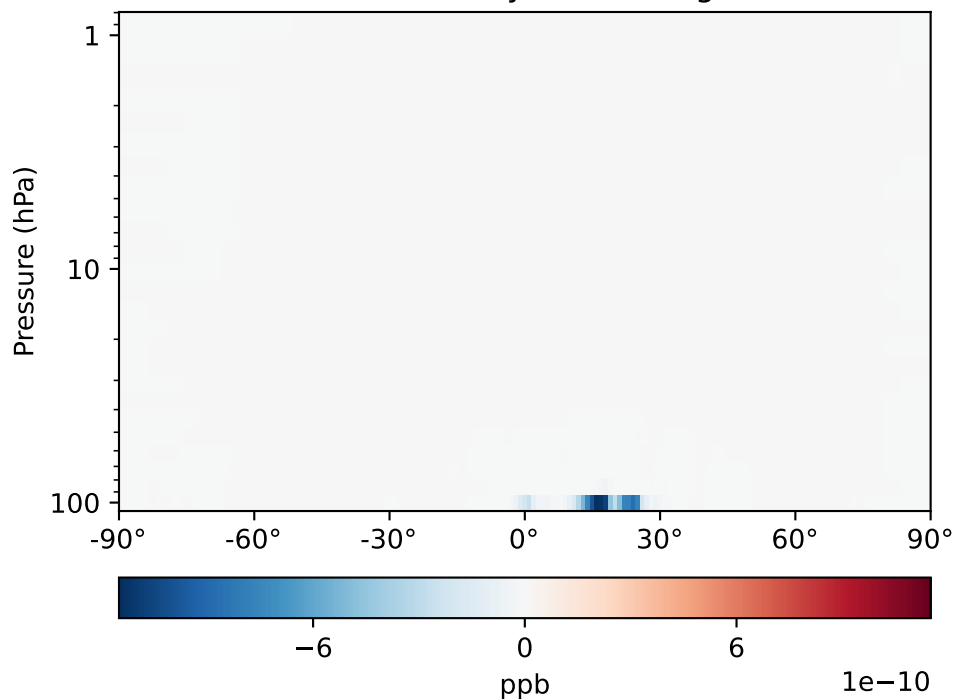
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



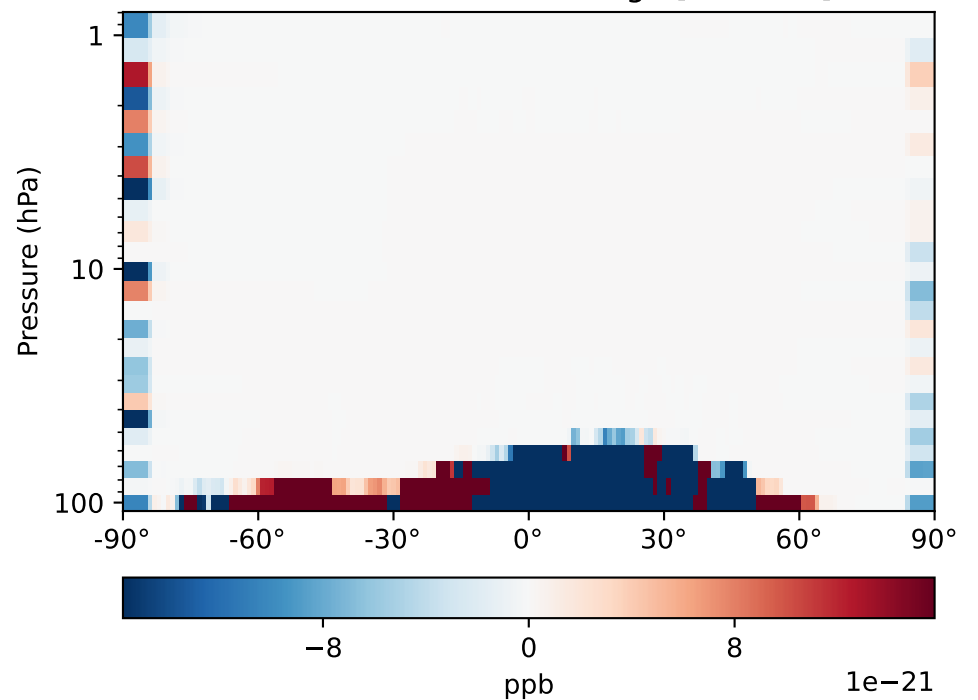
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



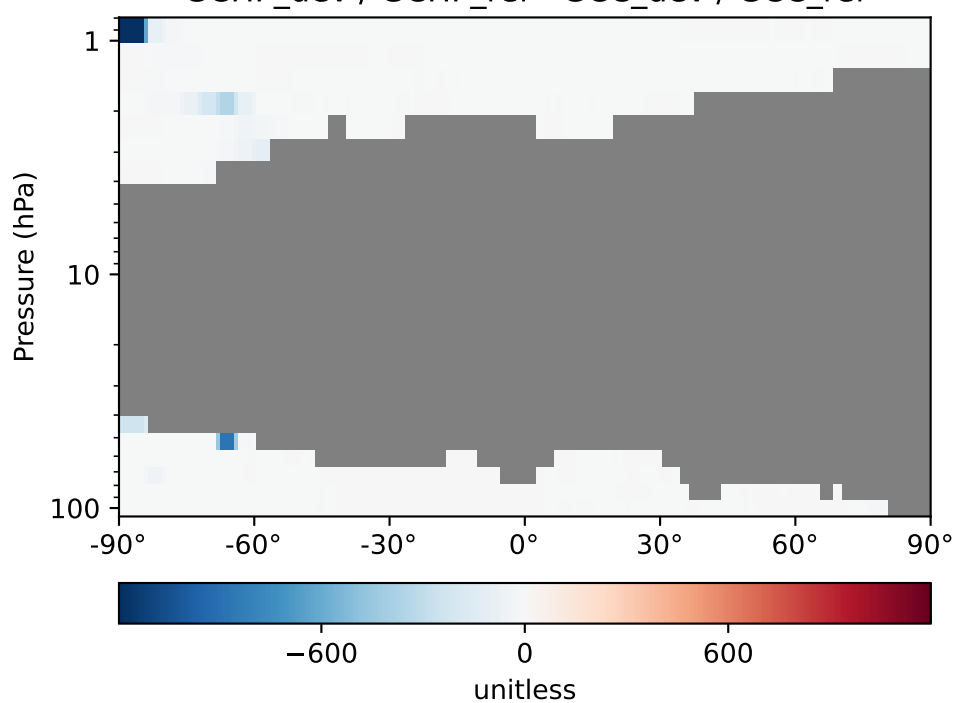
Difference (1x1.25)  
Dev - Ref, Dynamic Range



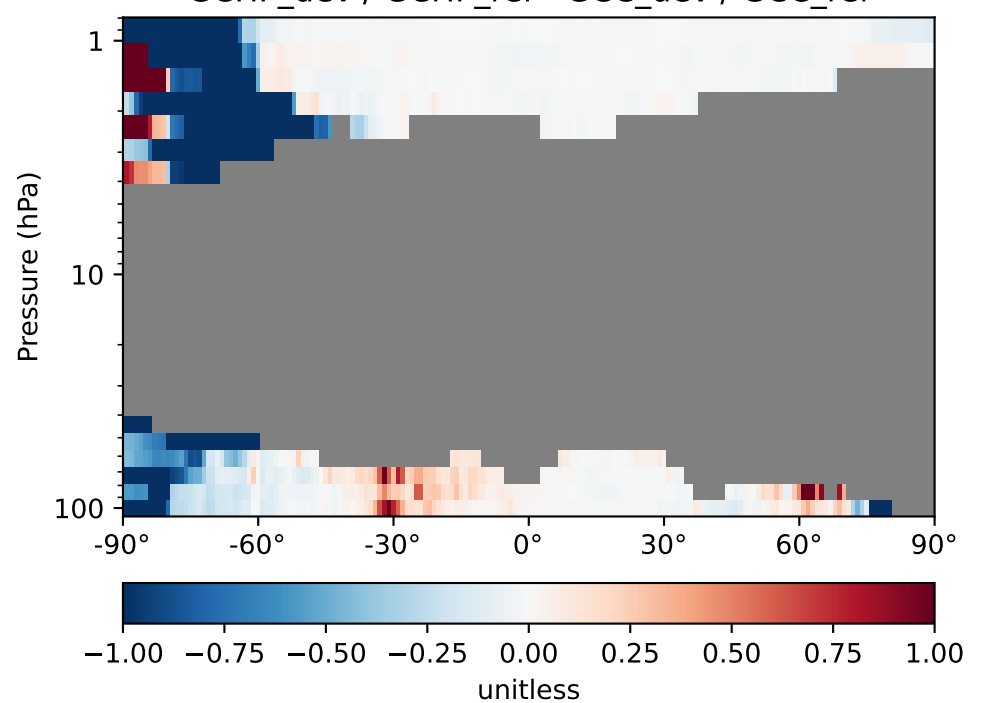
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

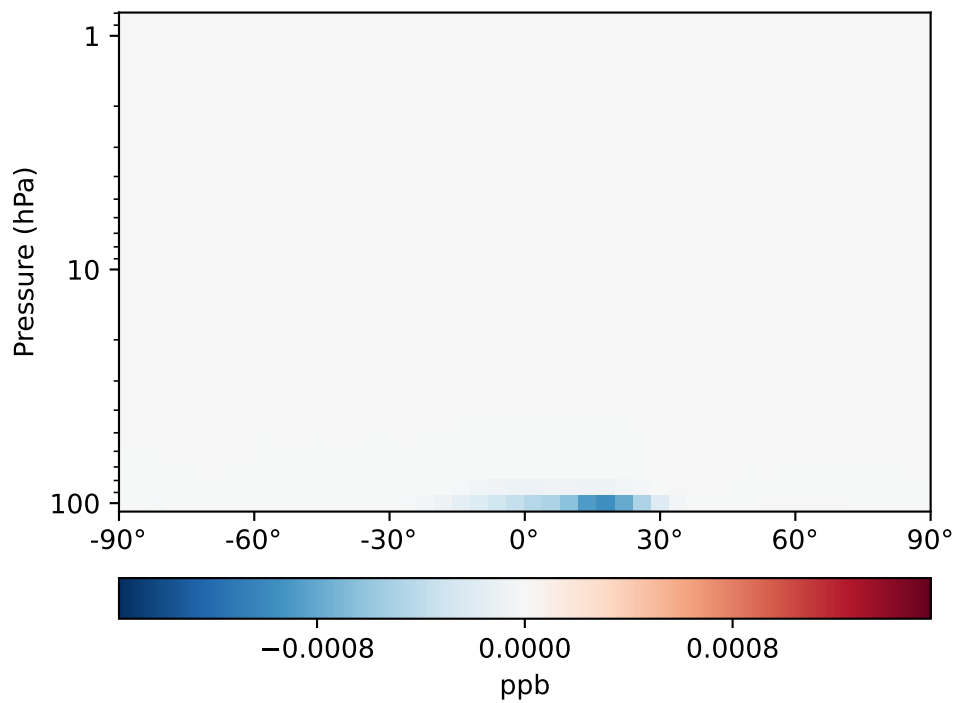


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

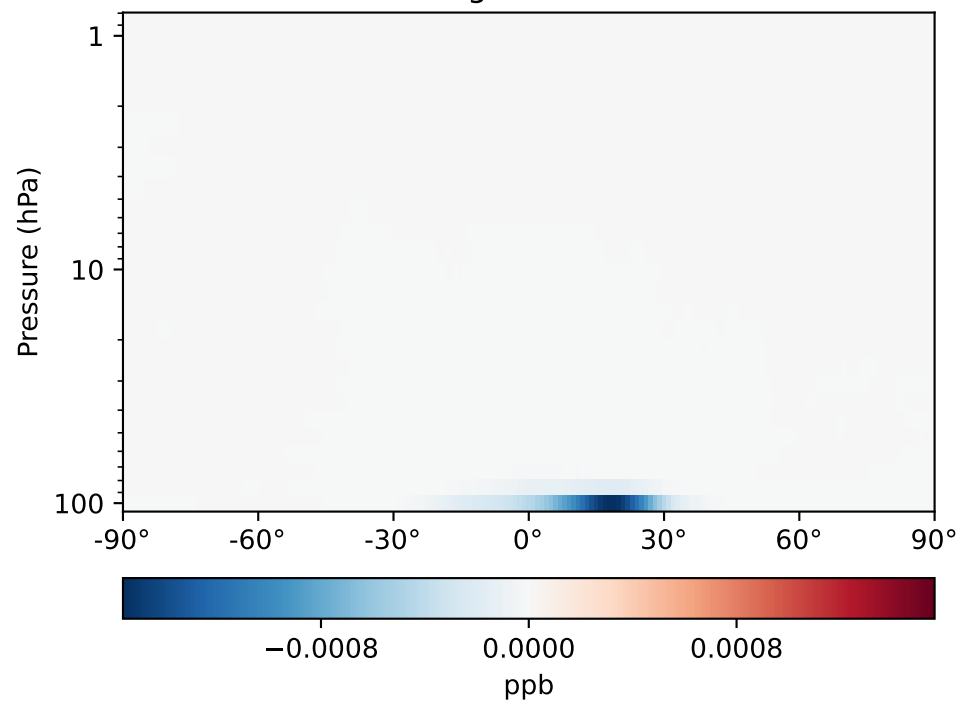


# SpeciesConc\_ALK4, Zonal Mean

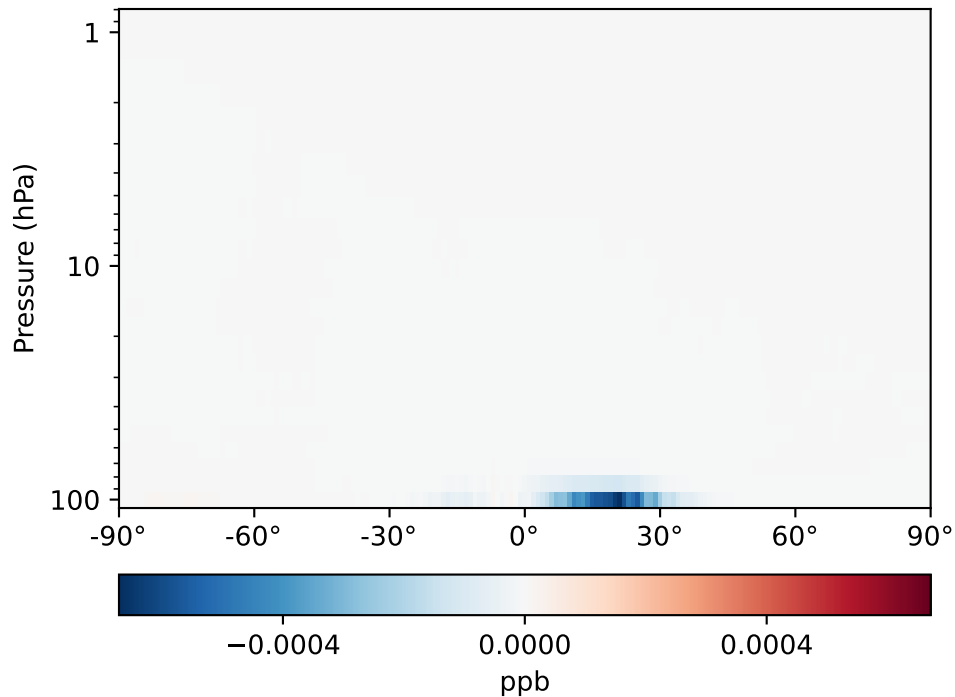
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



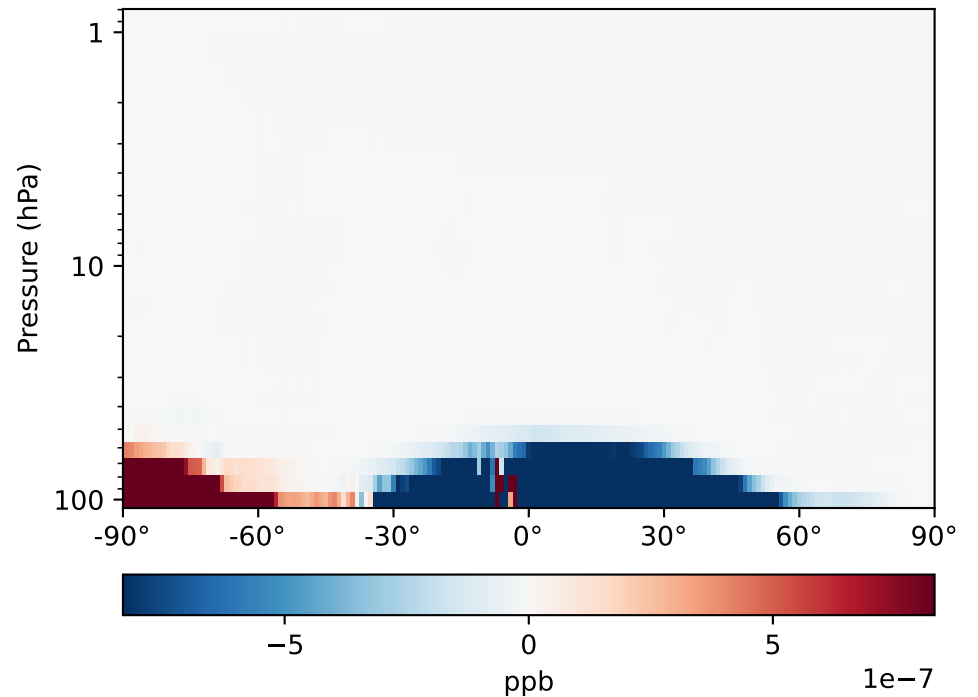
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



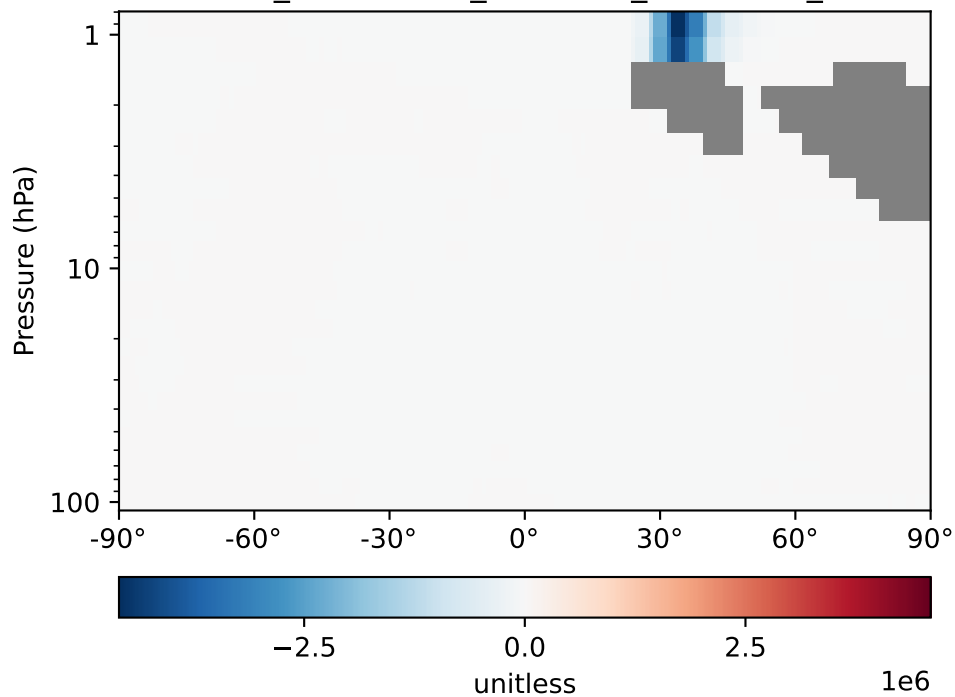
Difference (1x1.25)  
Dev - Ref, Dynamic Range



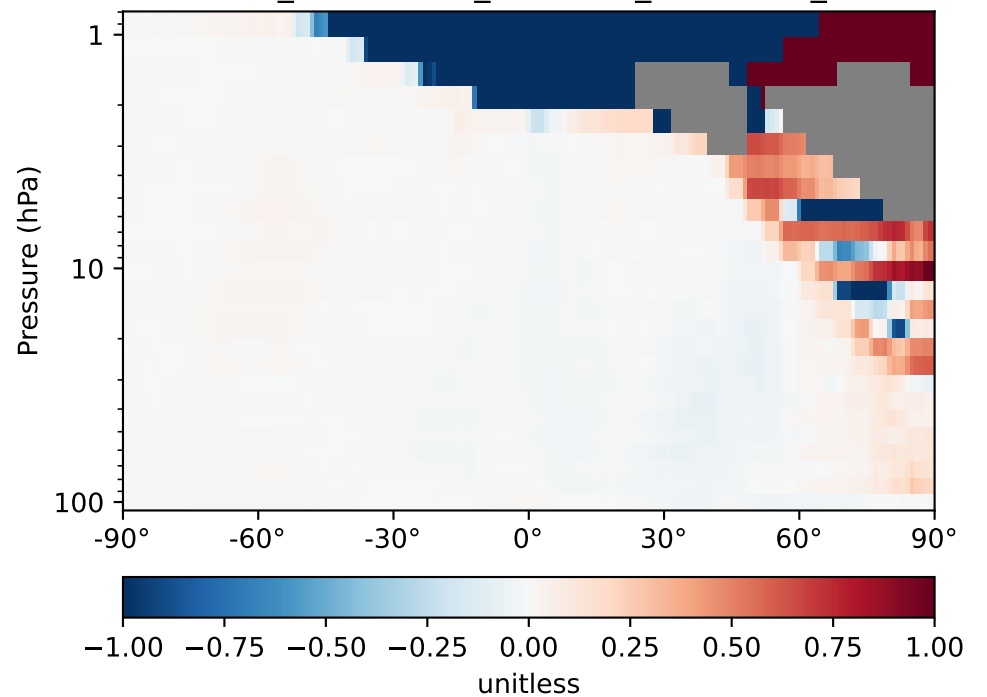
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

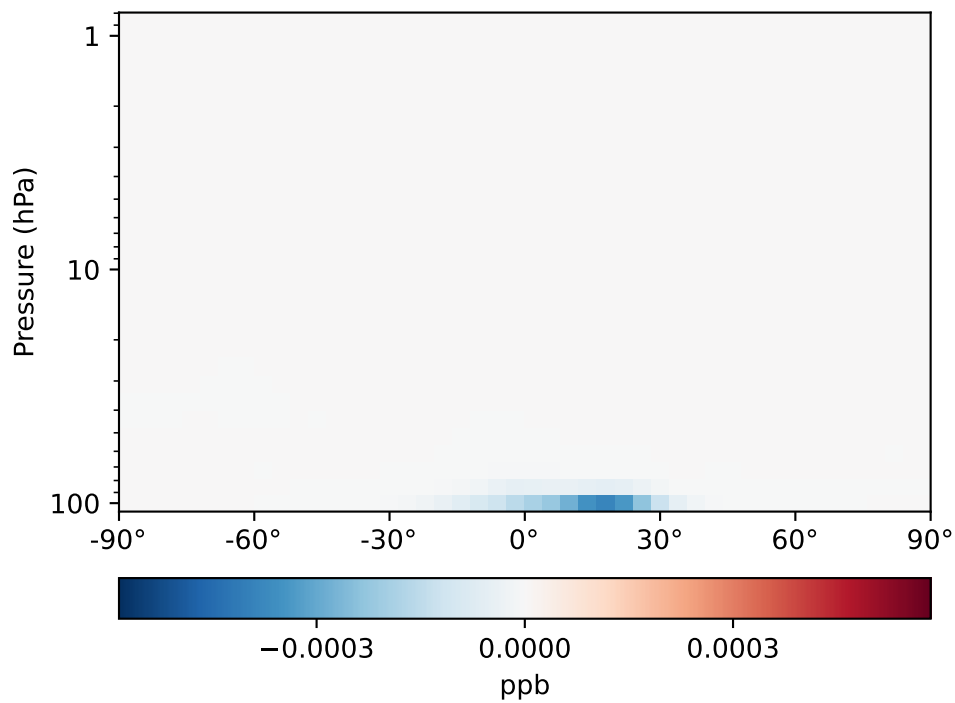


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

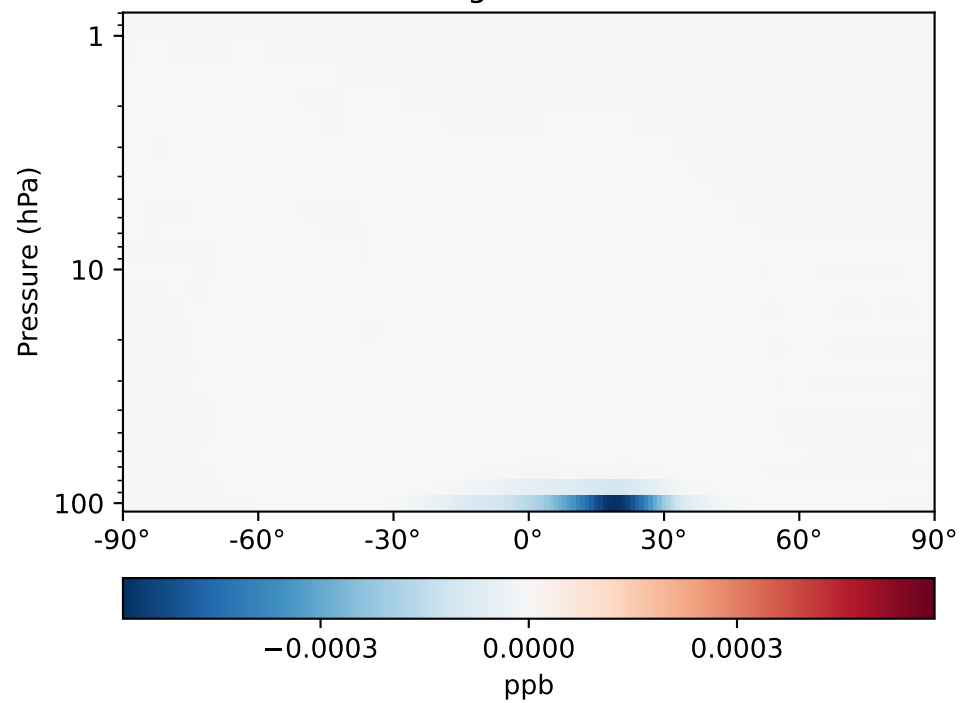


# SpeciesConc\_BENZ, Zonal Mean

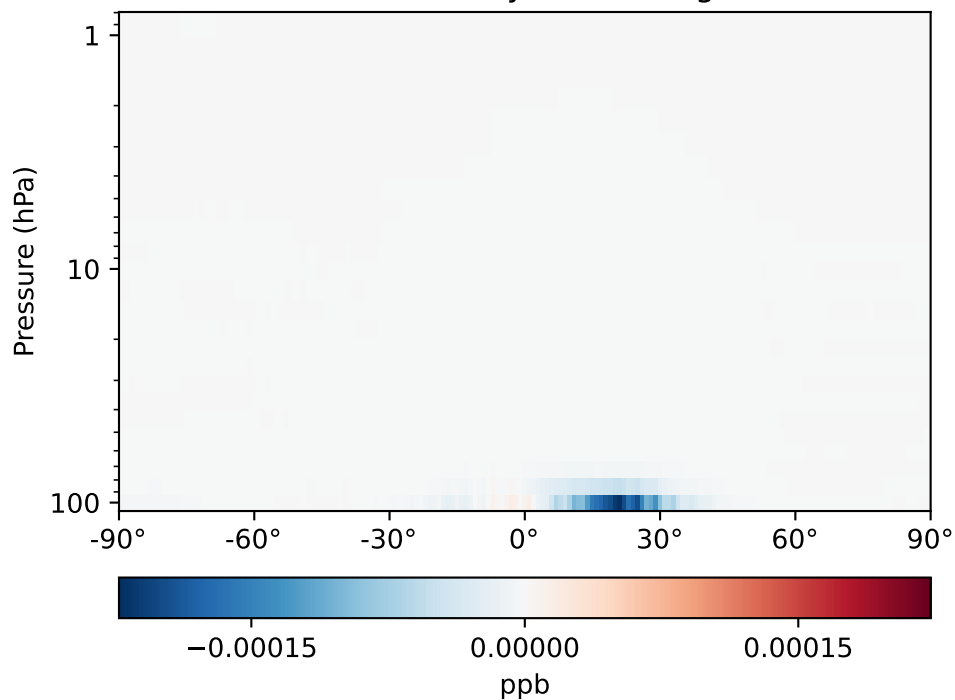
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



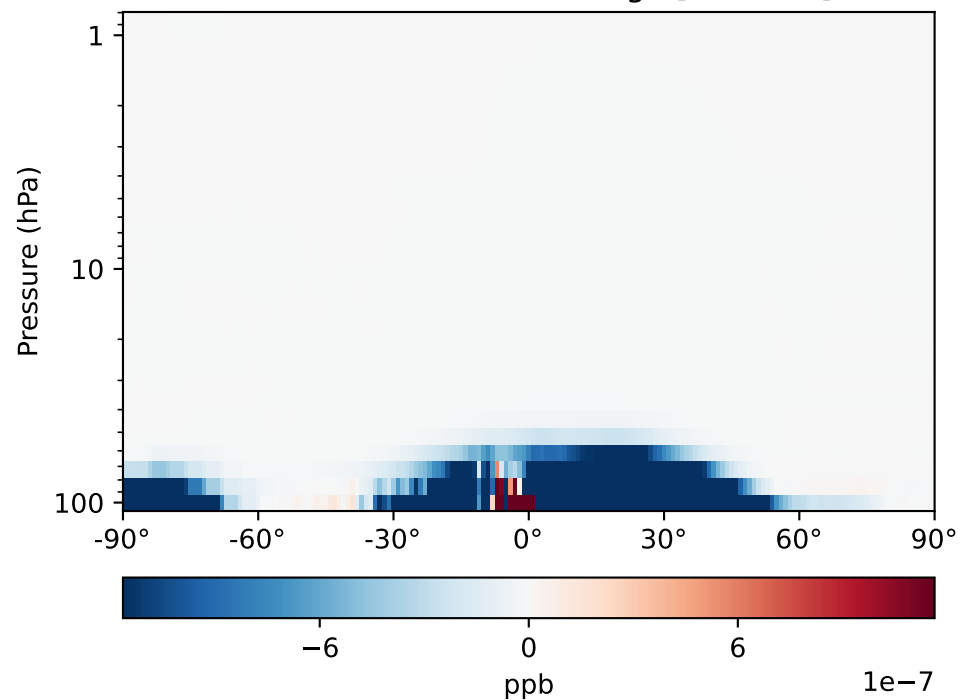
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



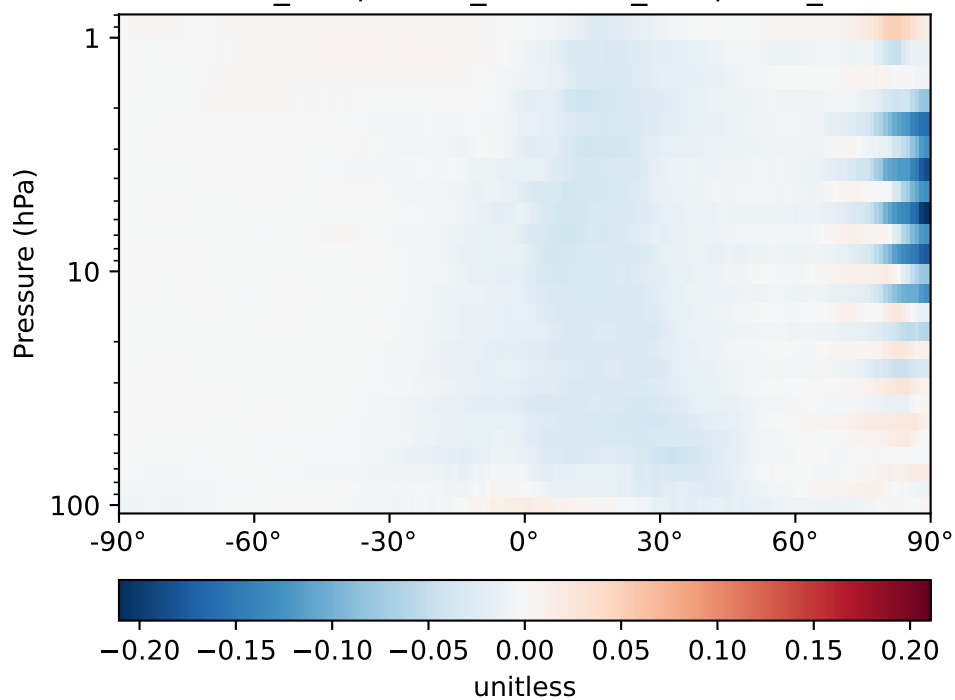
Difference (1x1.25)  
Dev - Ref, Dynamic Range



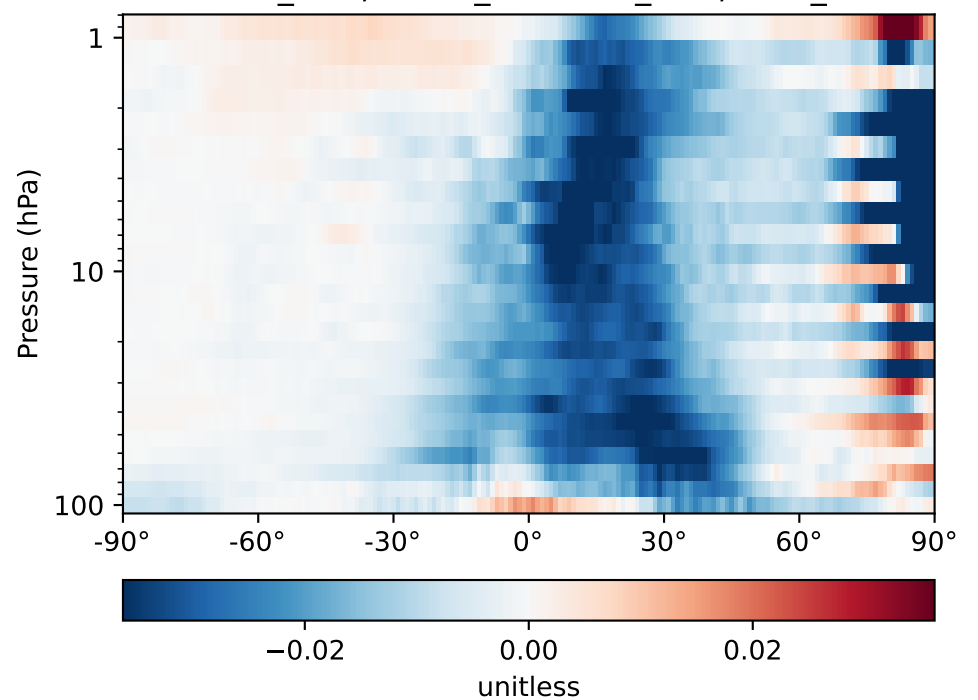
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



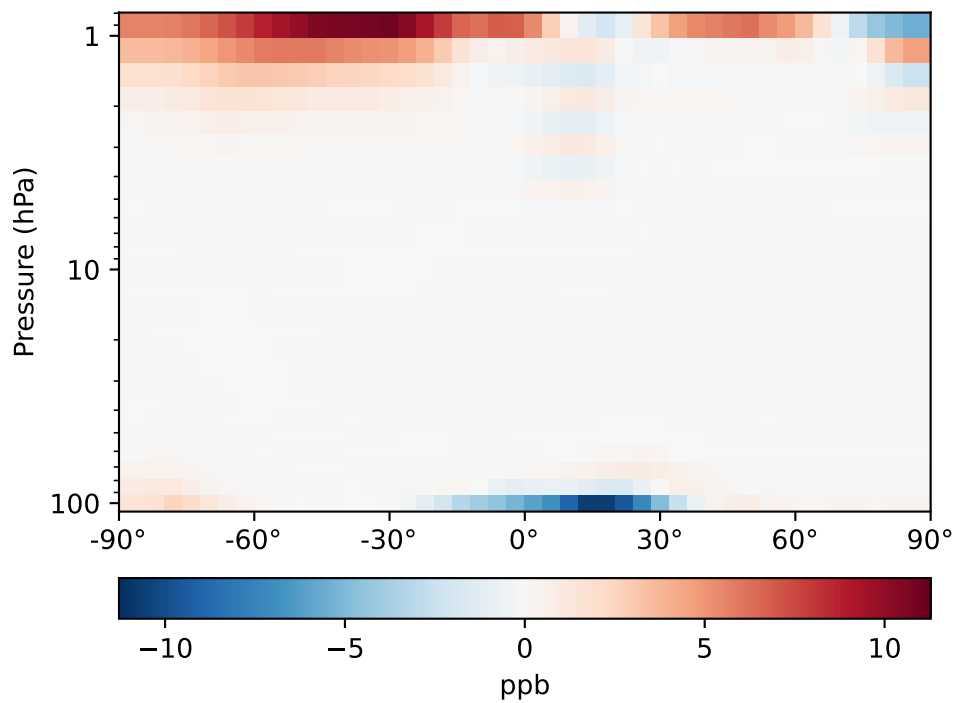
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



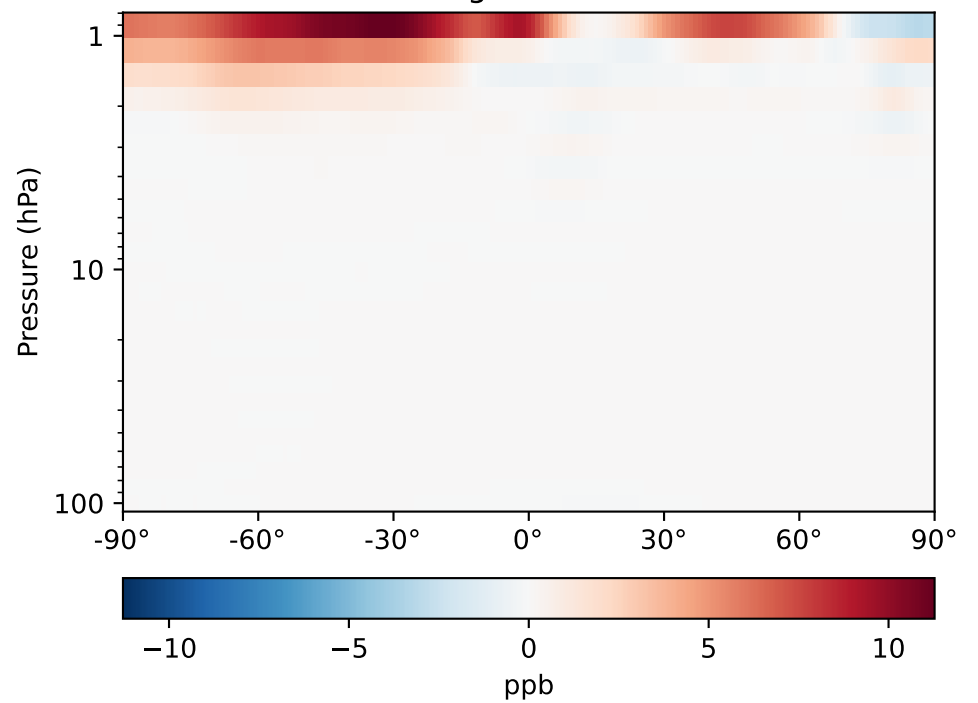


# SpeciesConc\_CH4, Zonal Mean

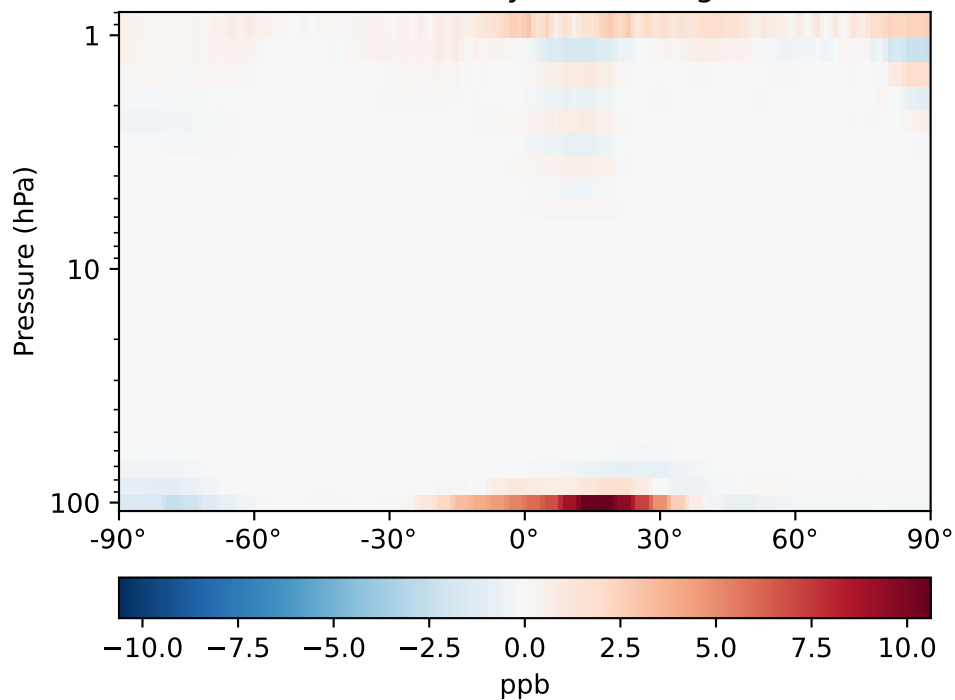
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



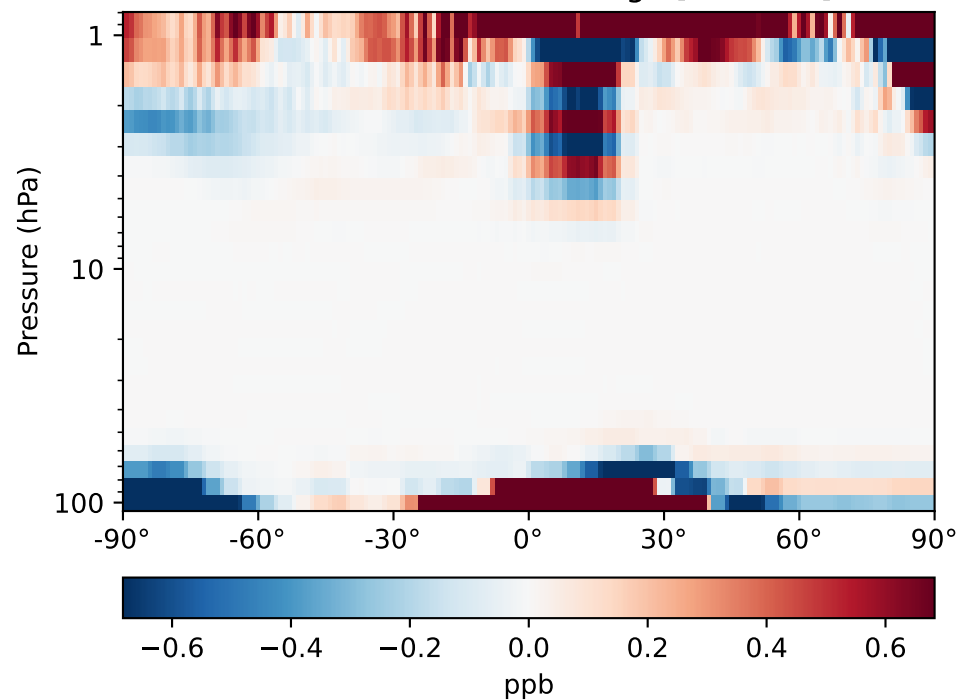
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



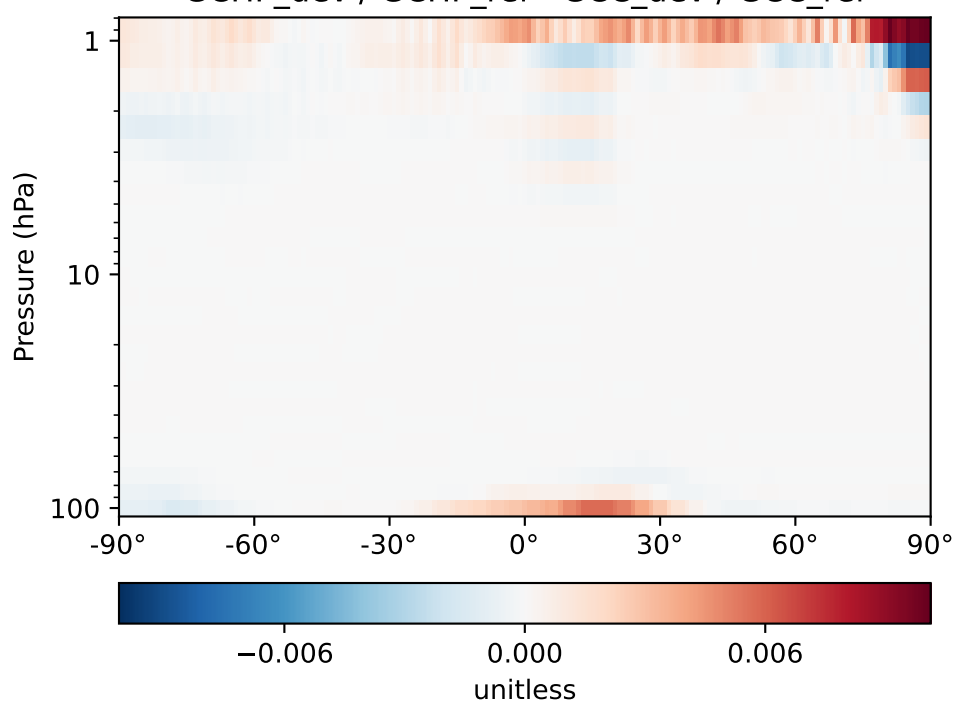
Difference (1x1.25)  
Dev - Ref, Dynamic Range



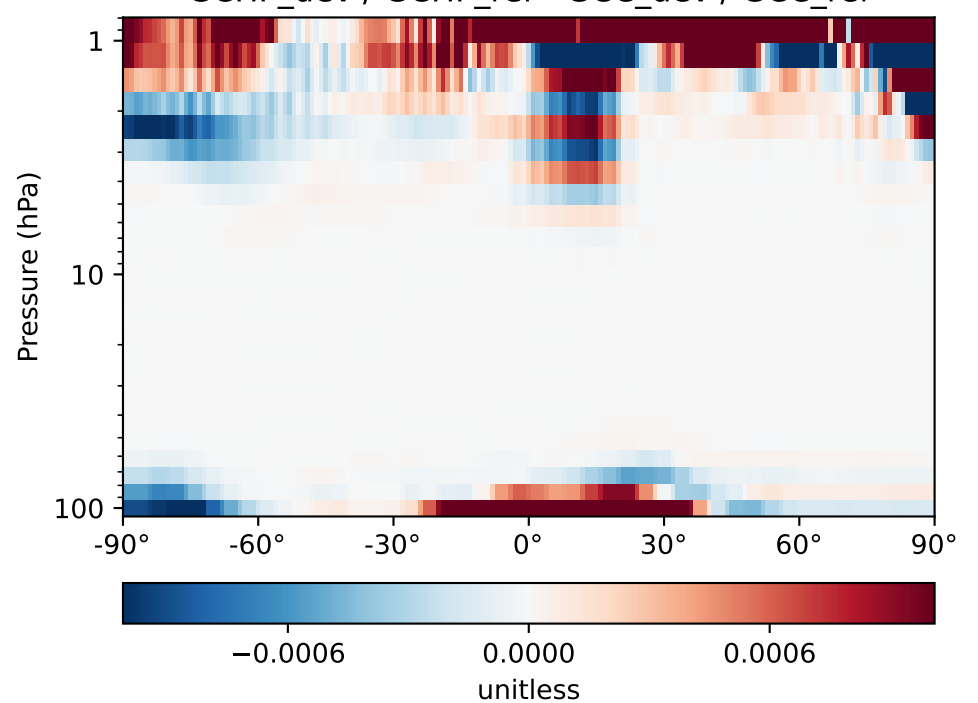
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

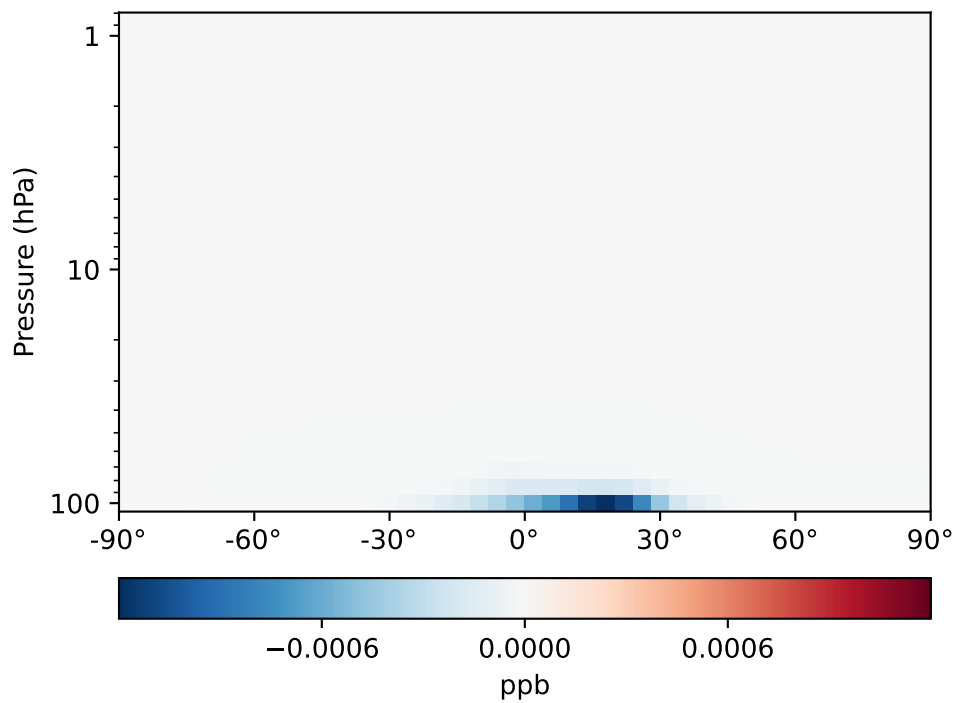


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

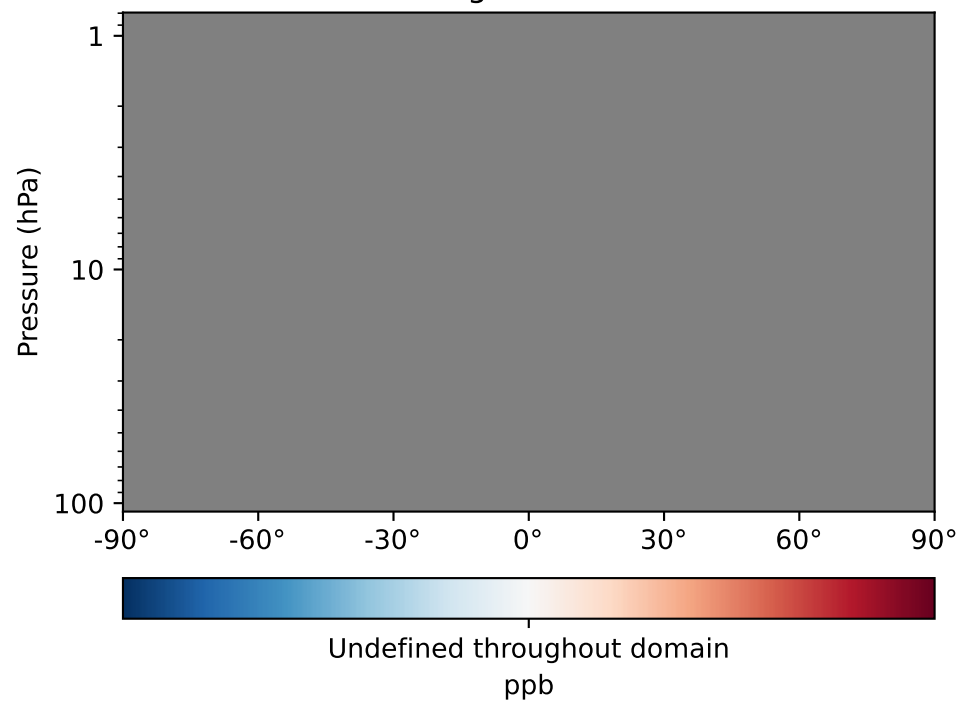


# SpeciesConc\_C2H2, Zonal Mean

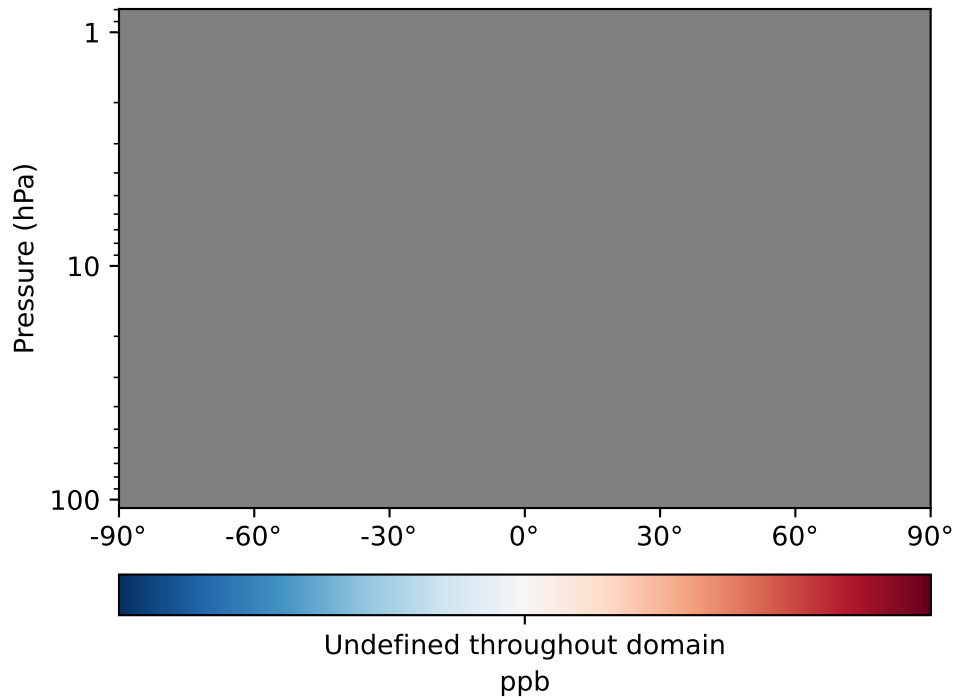
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



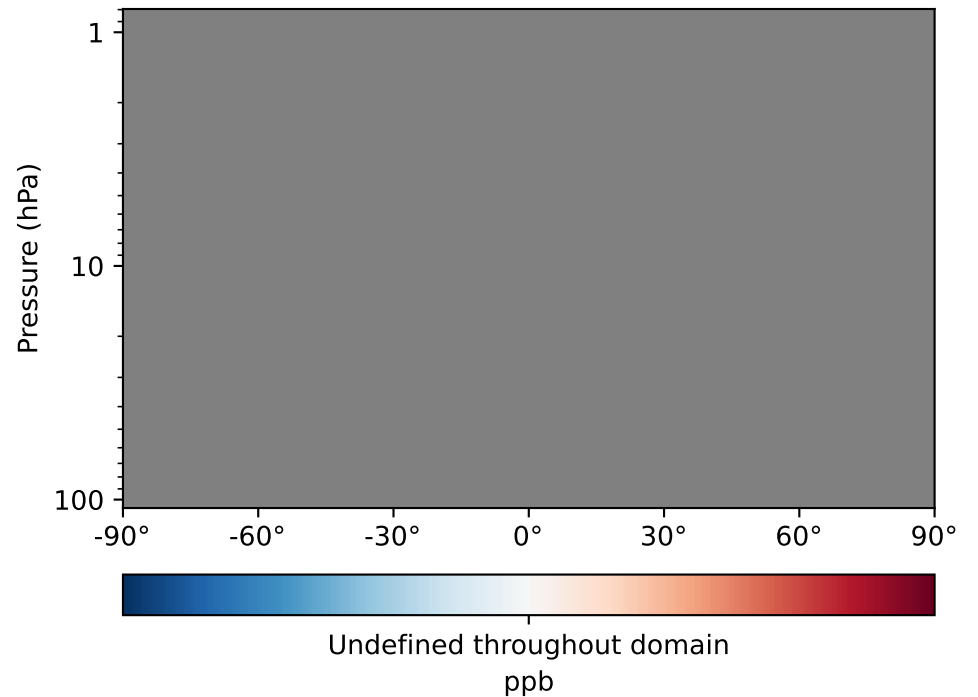
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



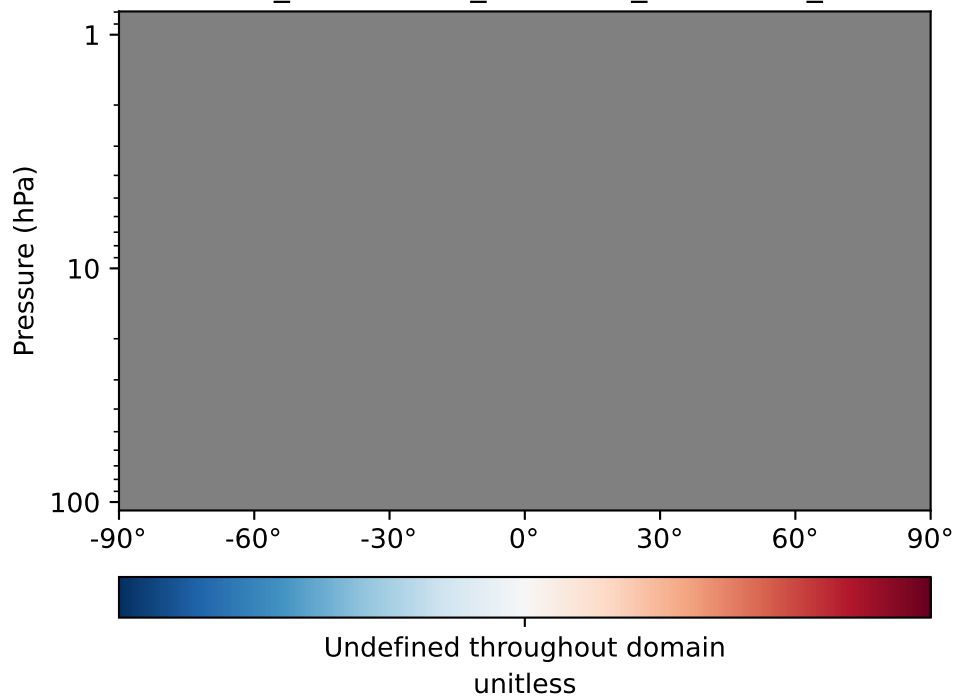
Difference (1x1.25)  
Dev - Ref, Dynamic Range



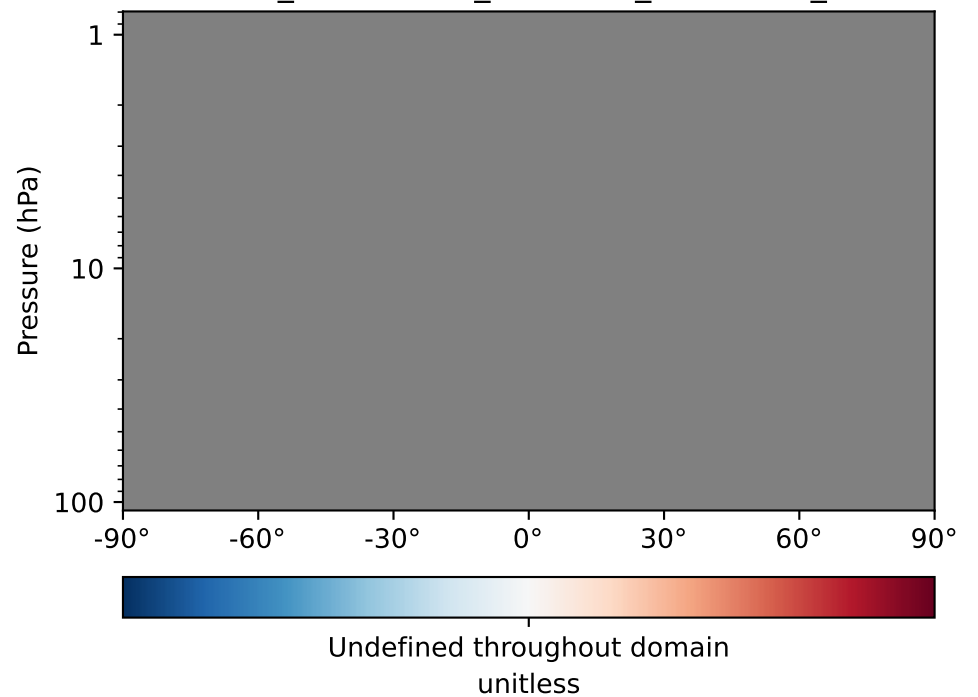
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

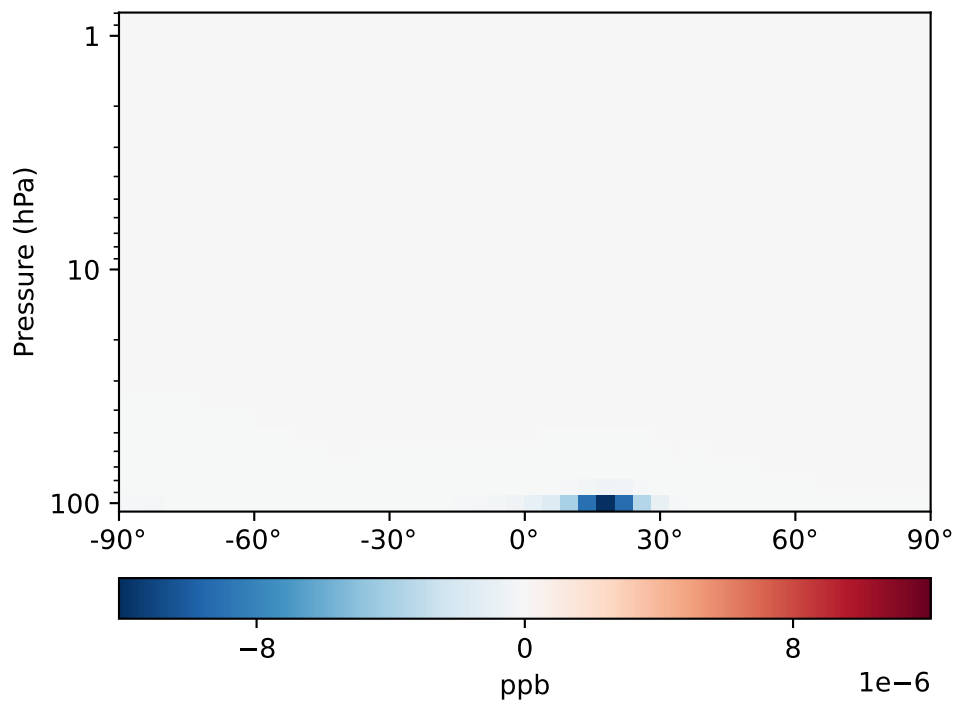


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

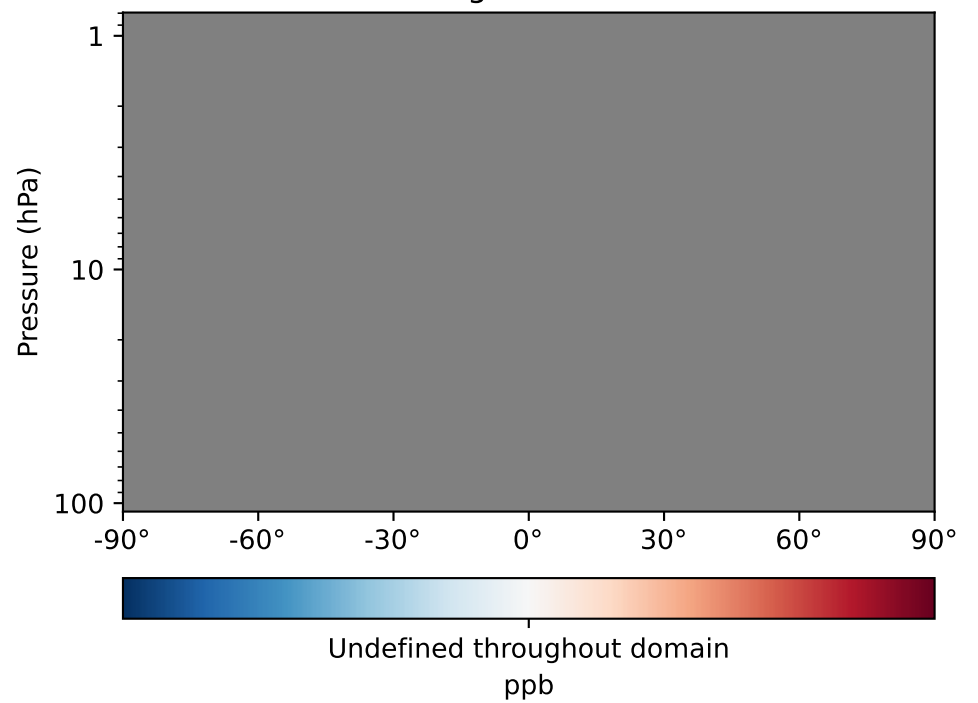


# SpeciesConc\_C2H4, Zonal Mean

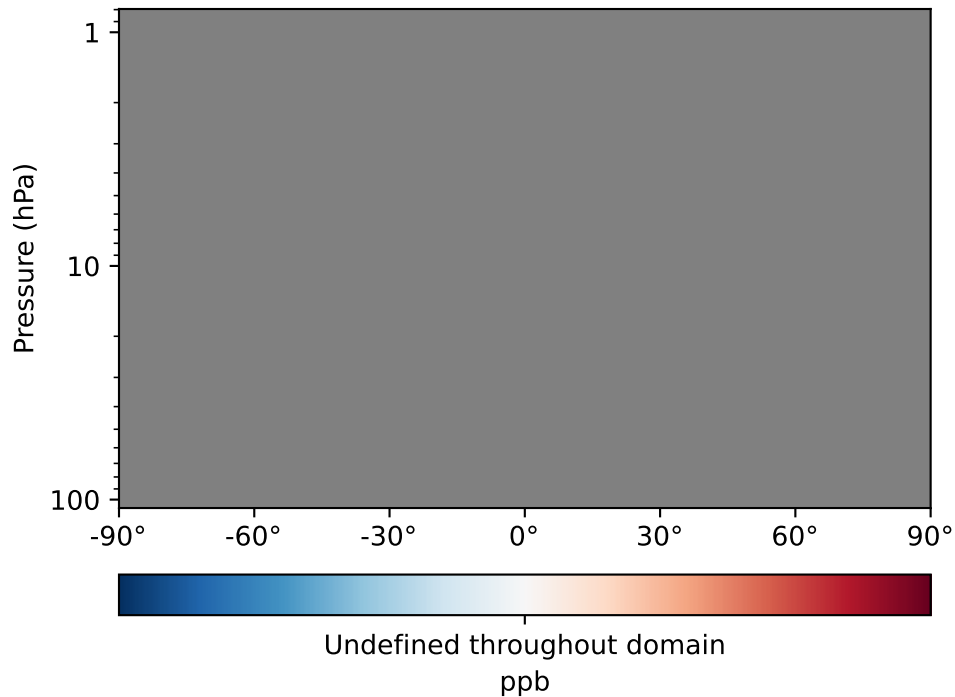
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



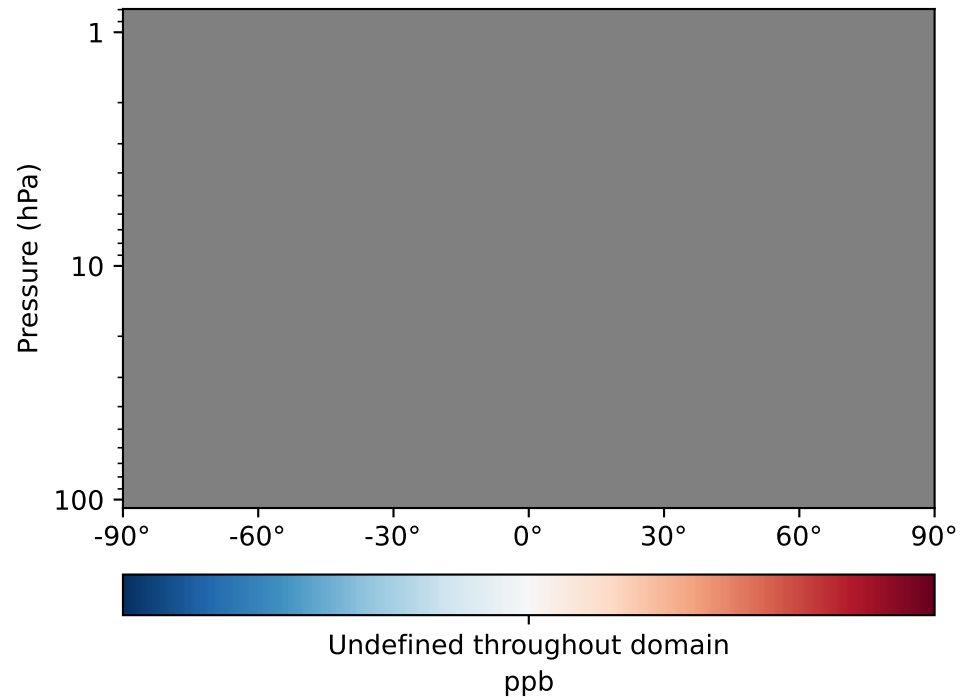
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



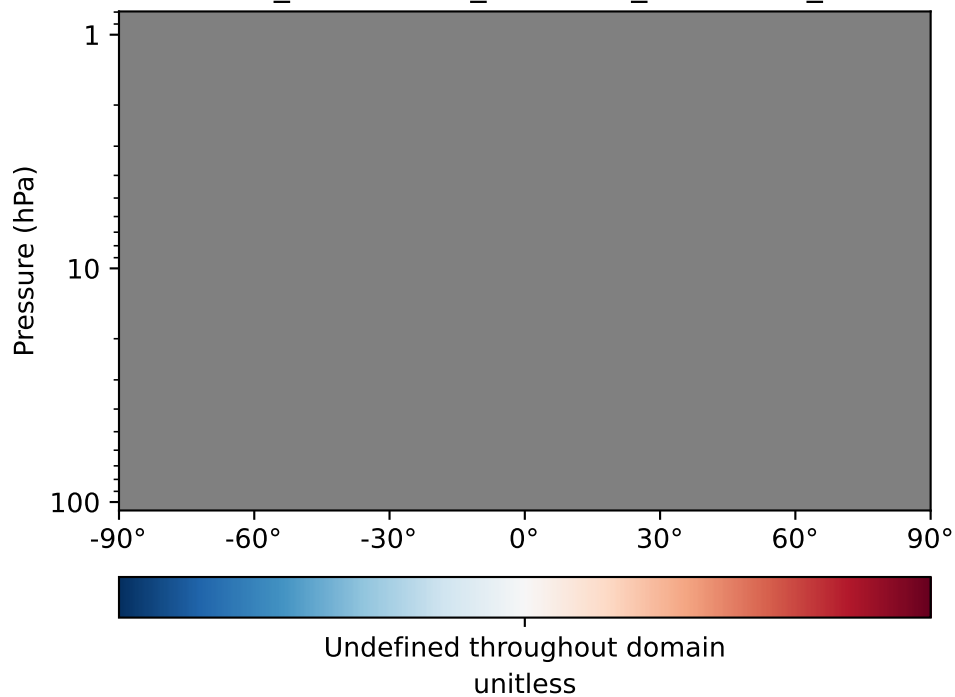
Difference (1x1.25)  
Dev - Ref, Dynamic Range



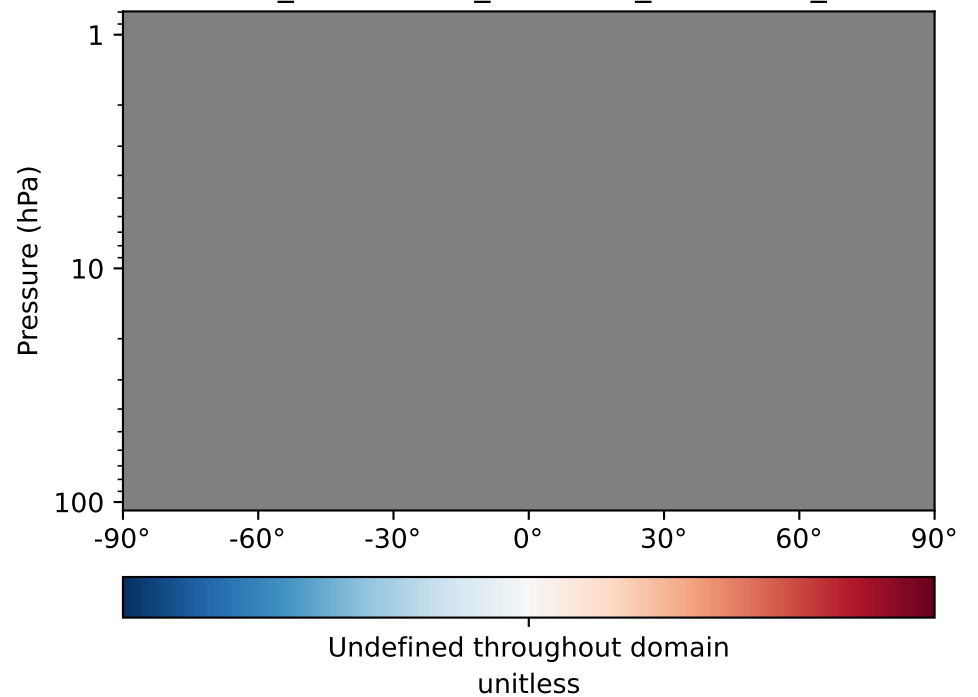
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

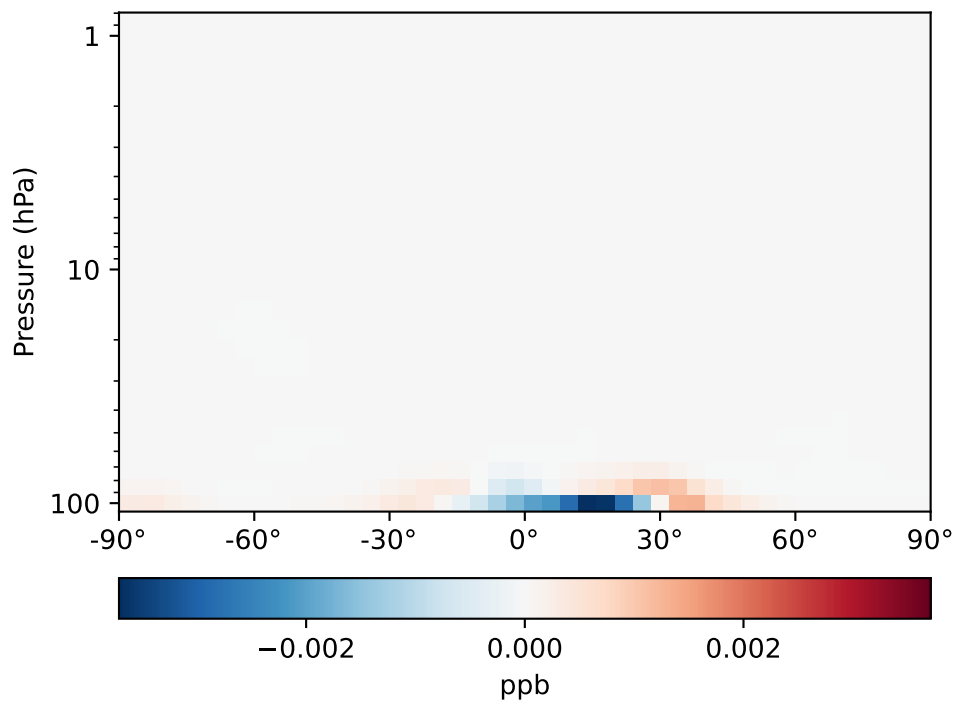


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

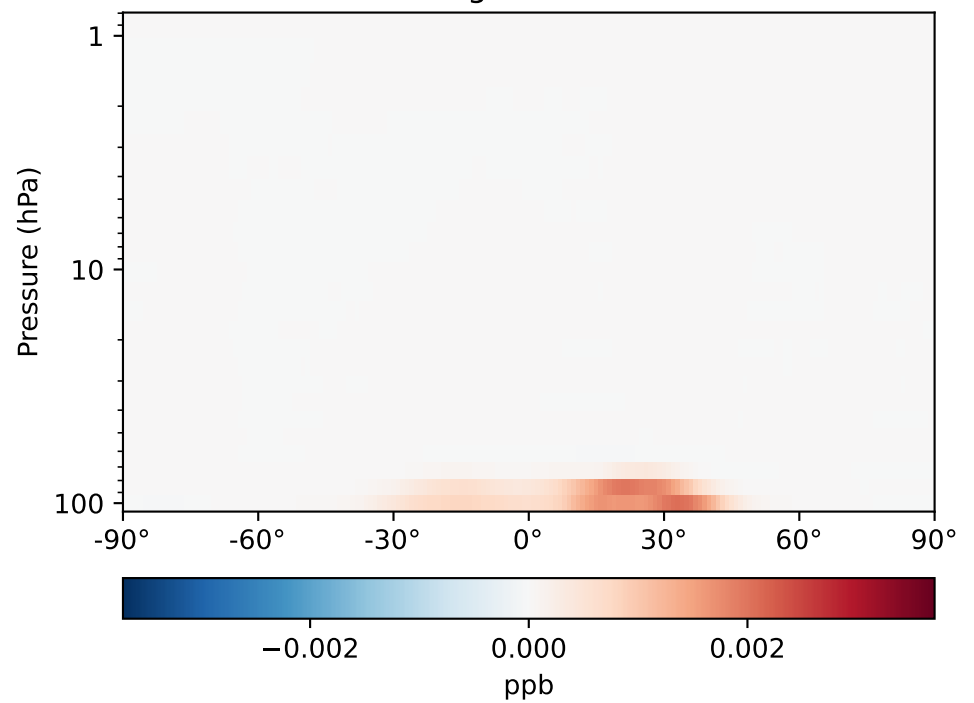


# SpeciesConc\_C2H6, Zonal Mean

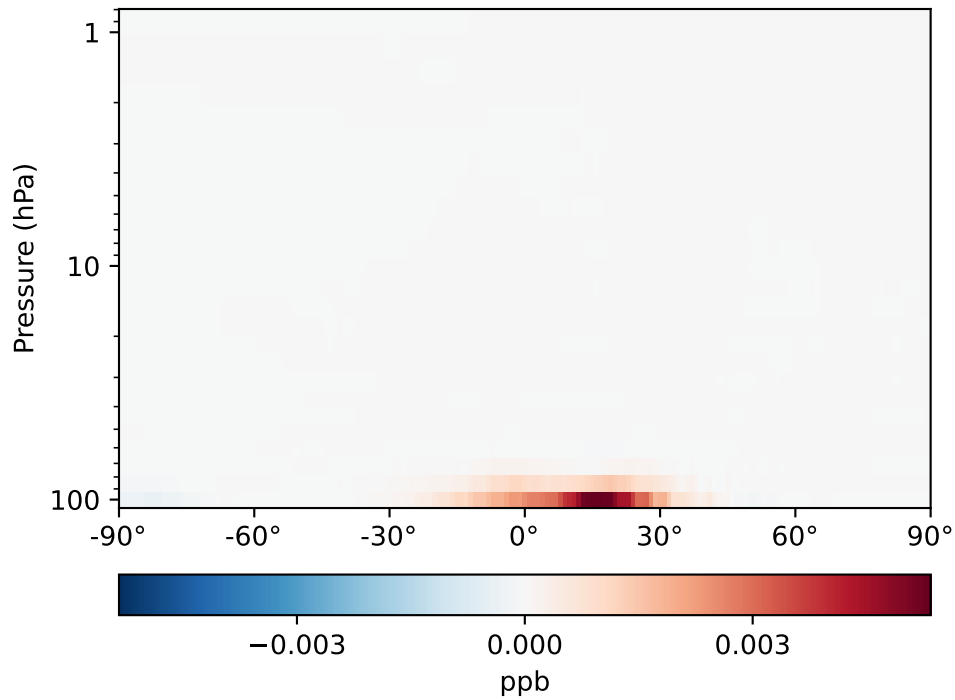
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



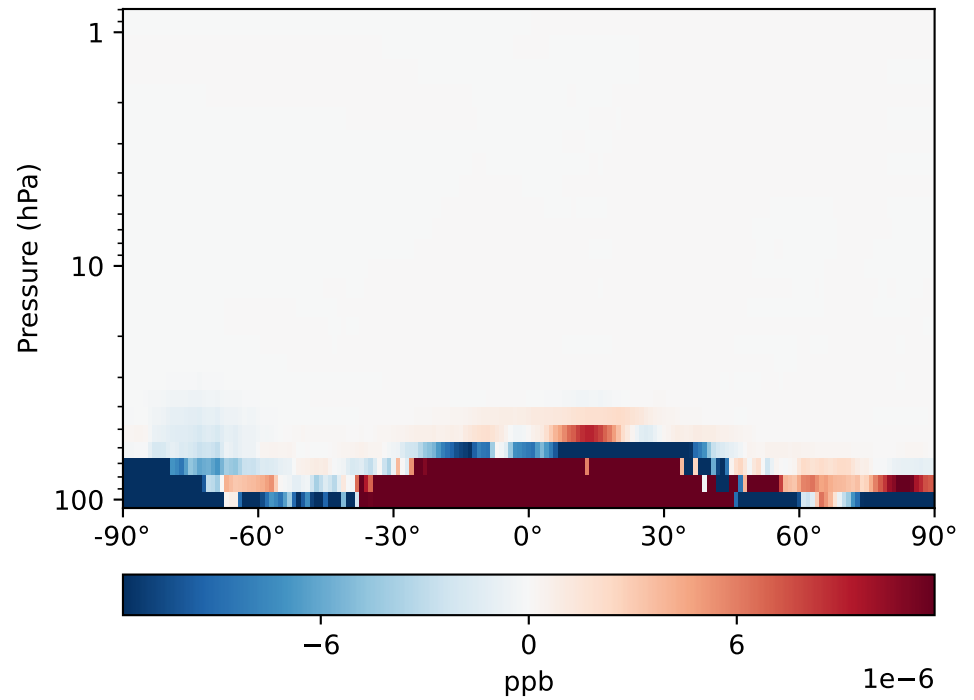
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



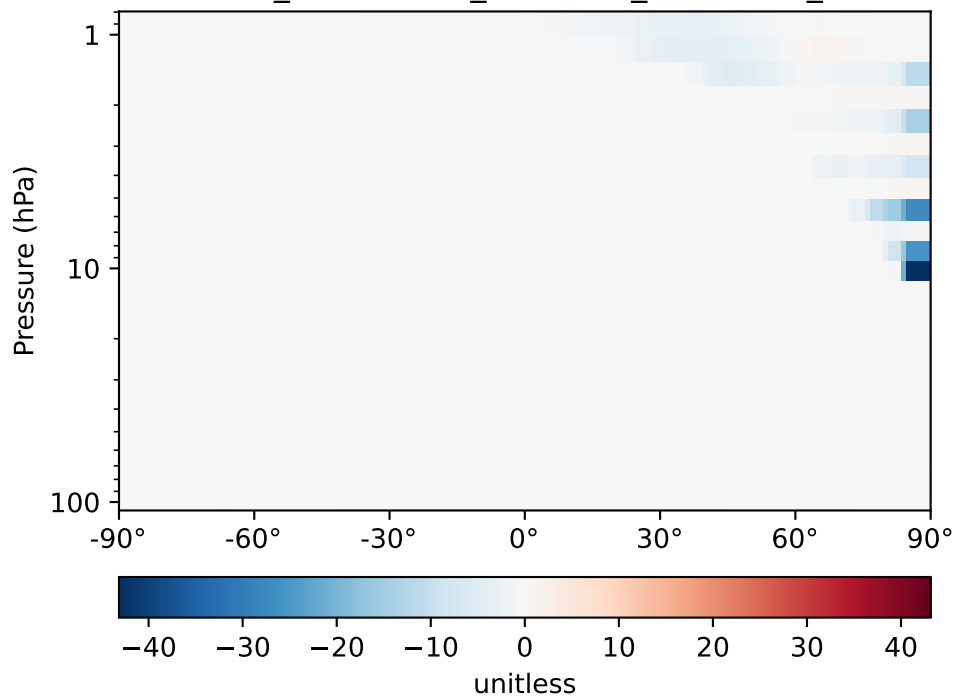
Difference (1x1.25)  
Dev - Ref, Dynamic Range



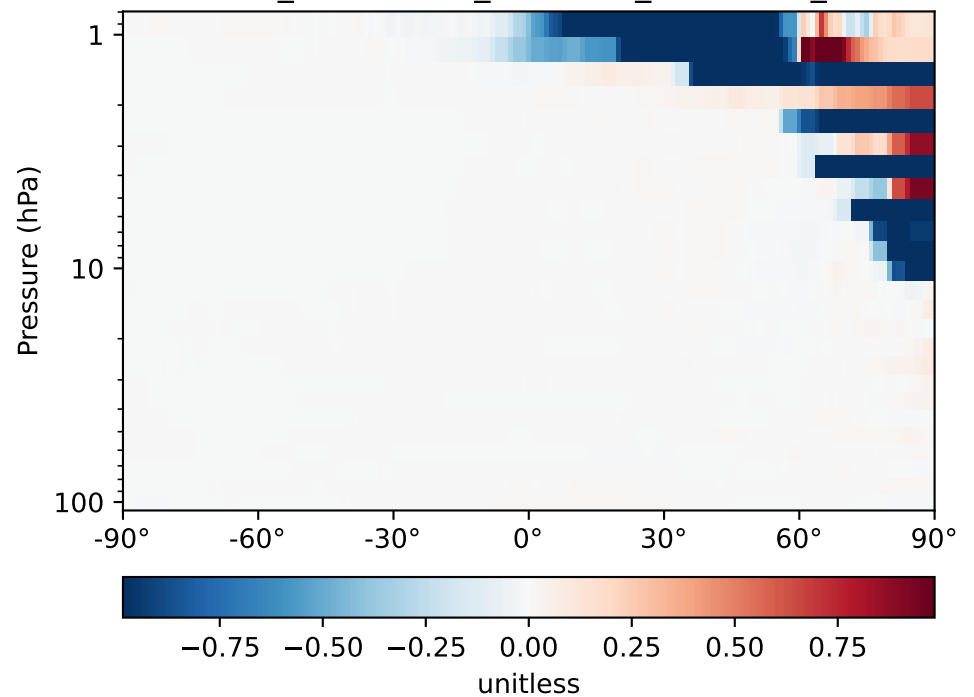
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

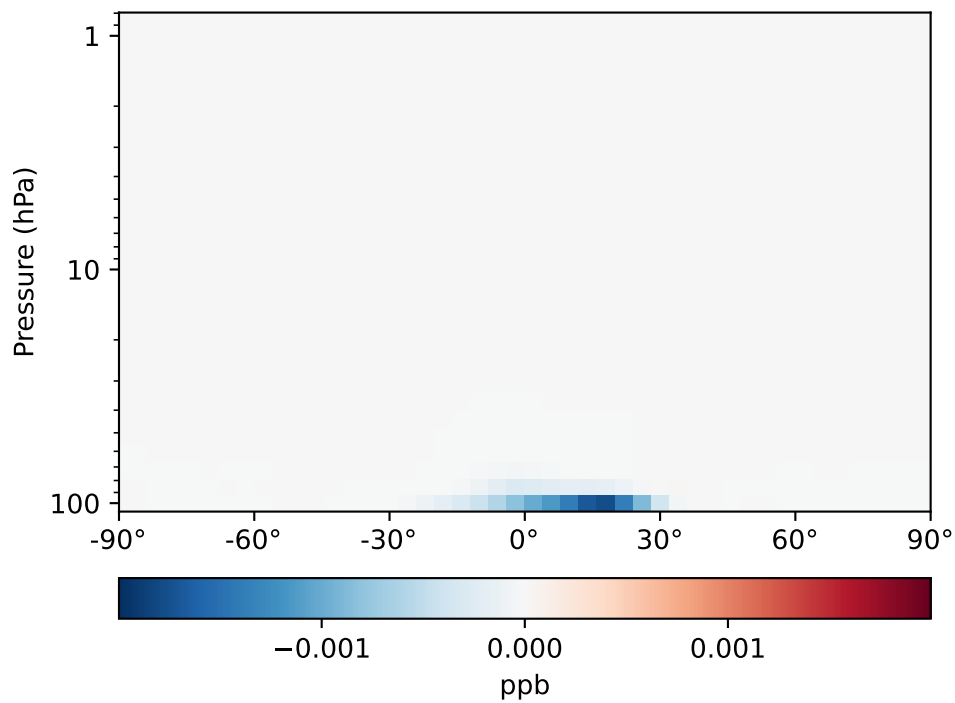


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

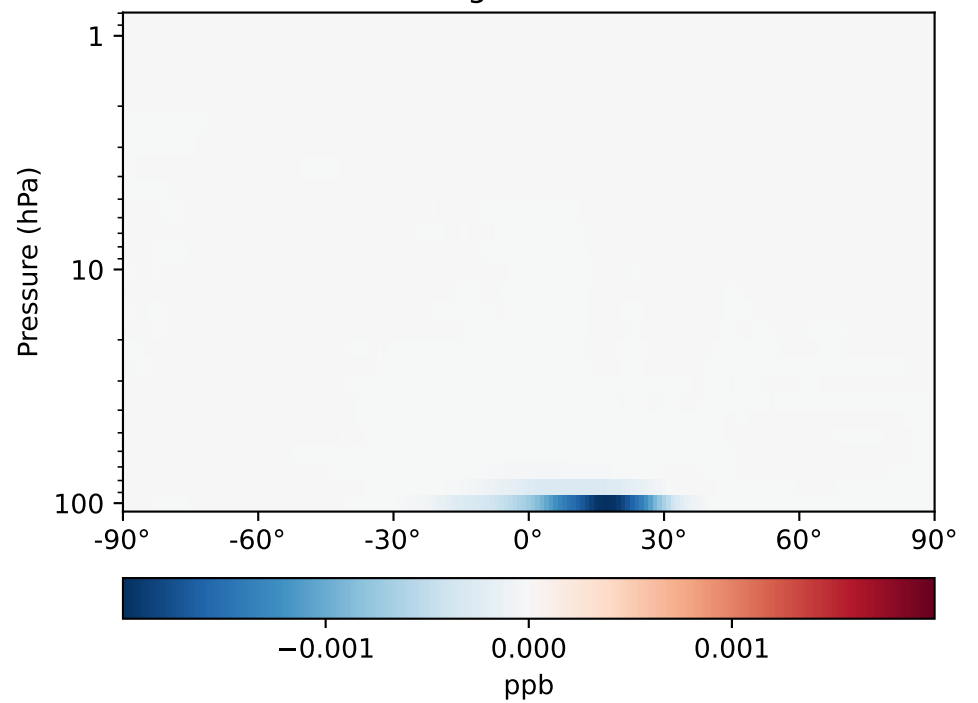


# SpeciesConc\_C3H8, Zonal Mean

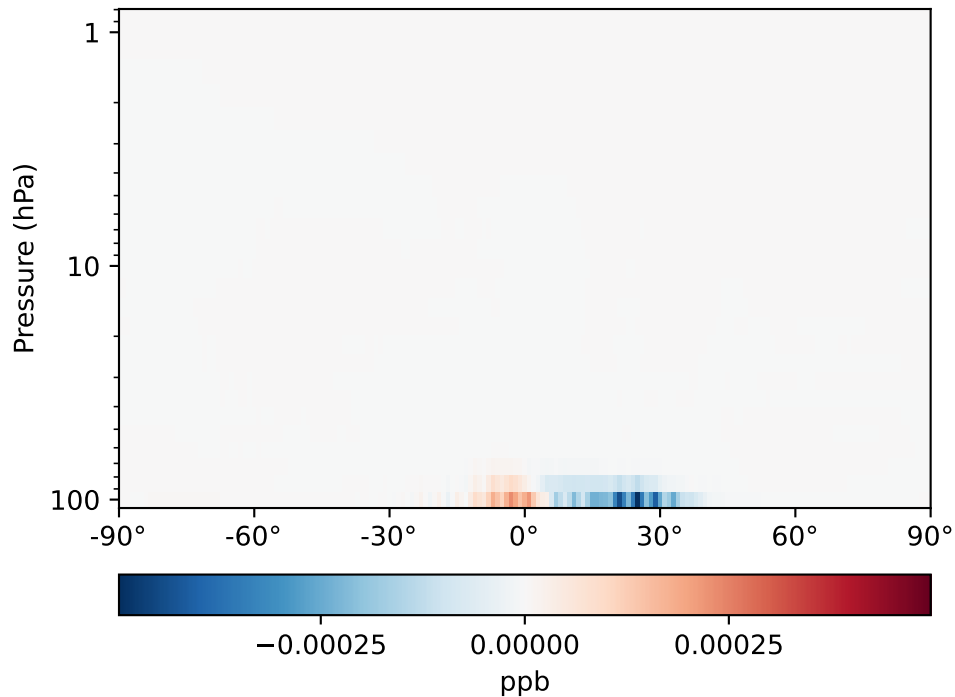
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



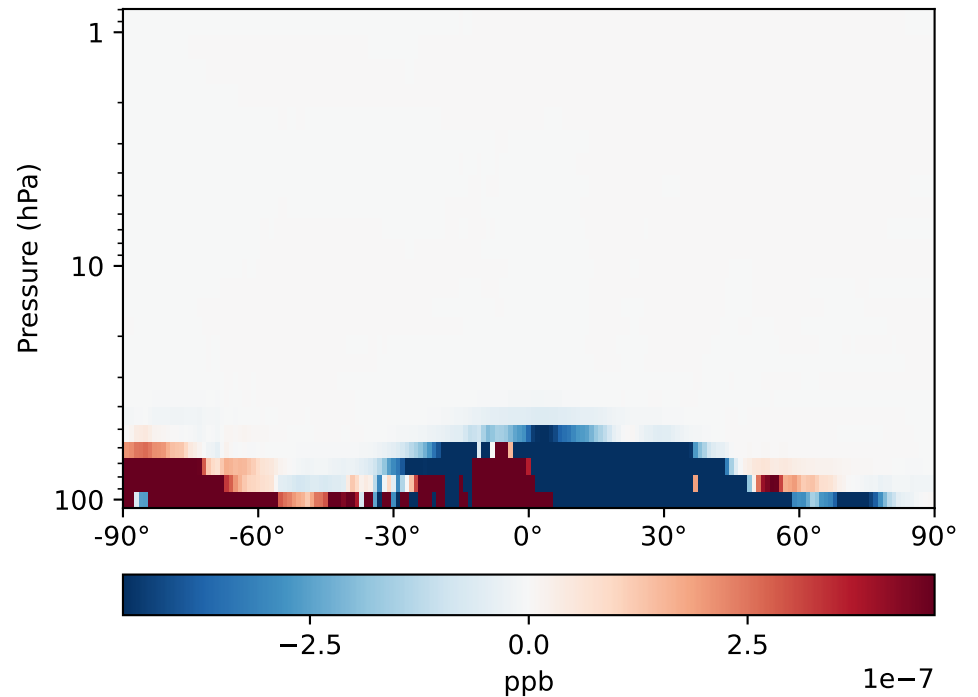
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



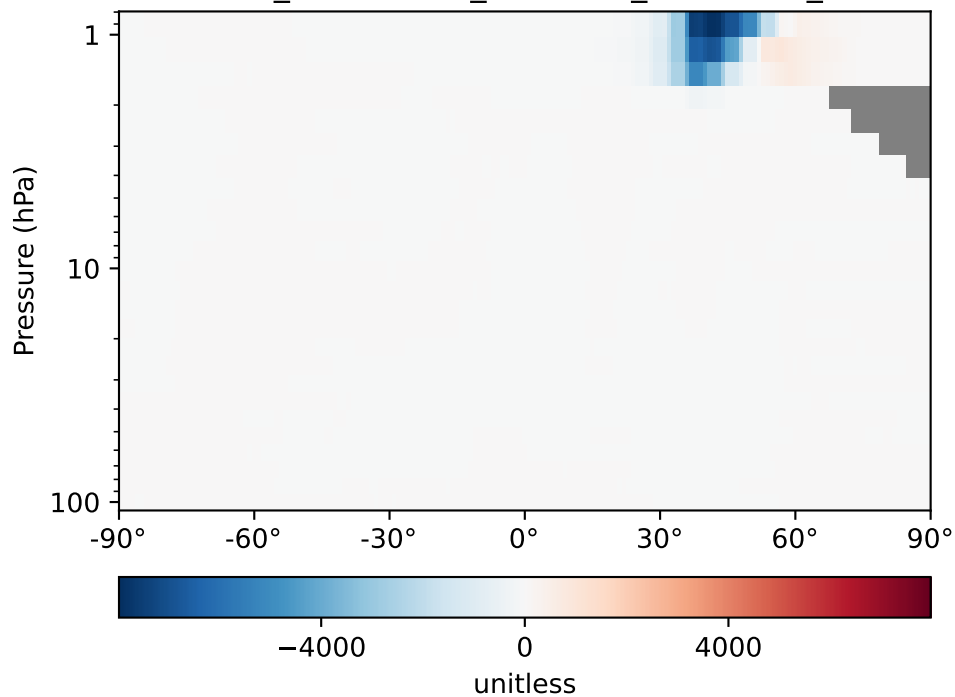
Difference (1x1.25)  
Dev - Ref, Dynamic Range



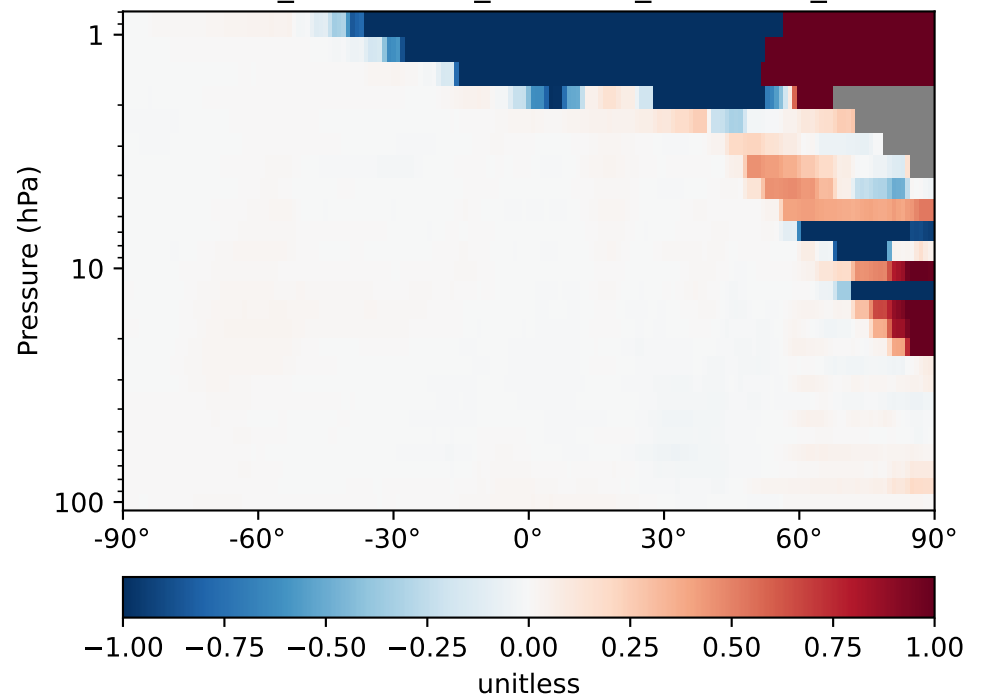
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

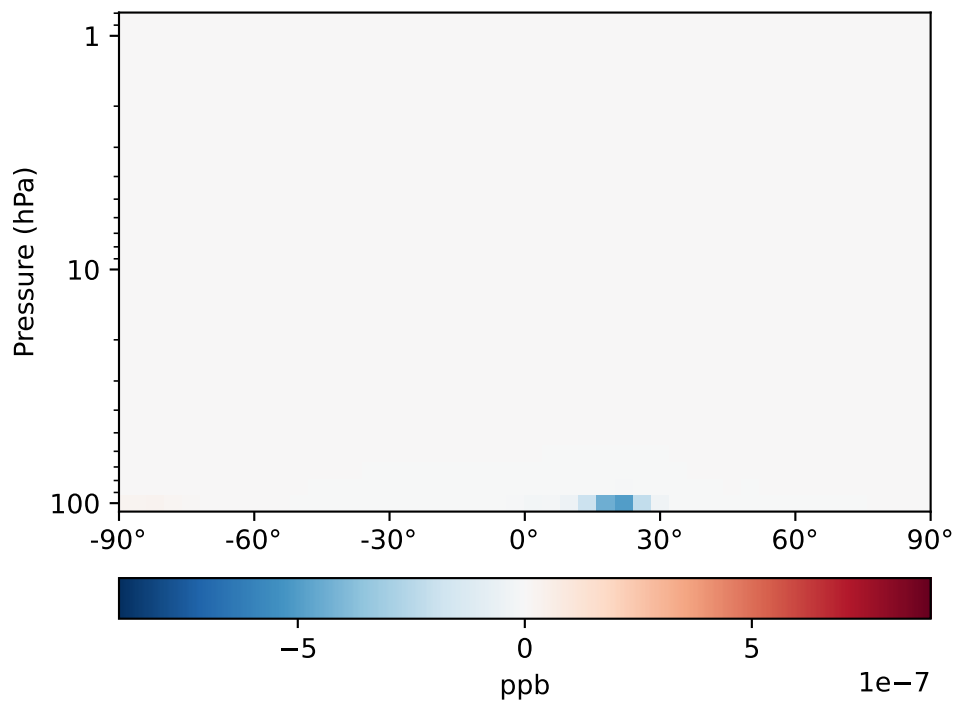


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

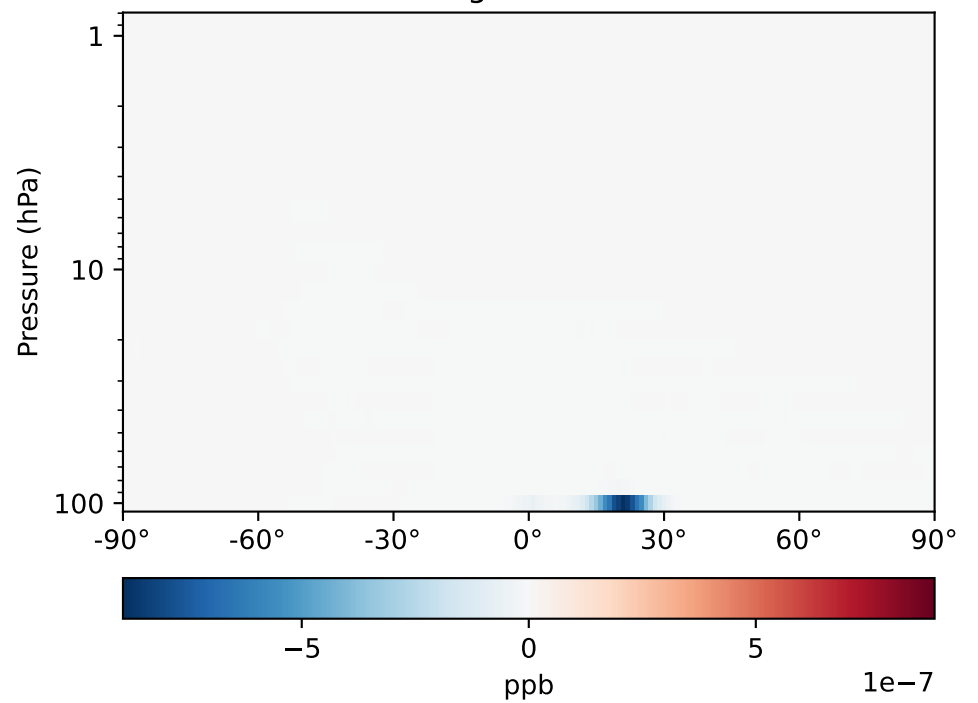


# SpeciesConc\_PRPE, Zonal Mean

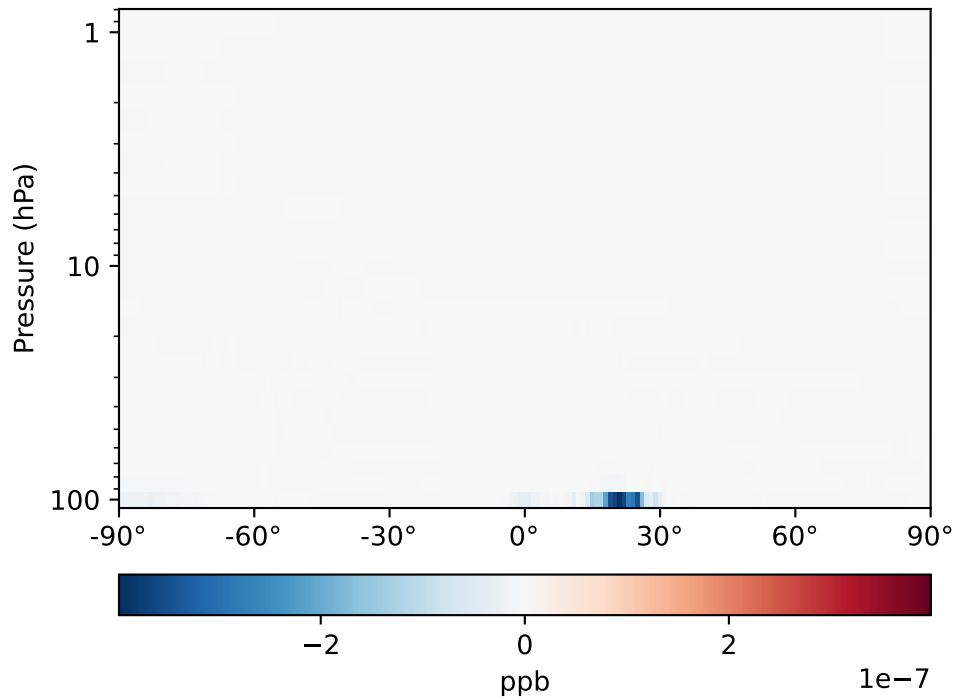
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



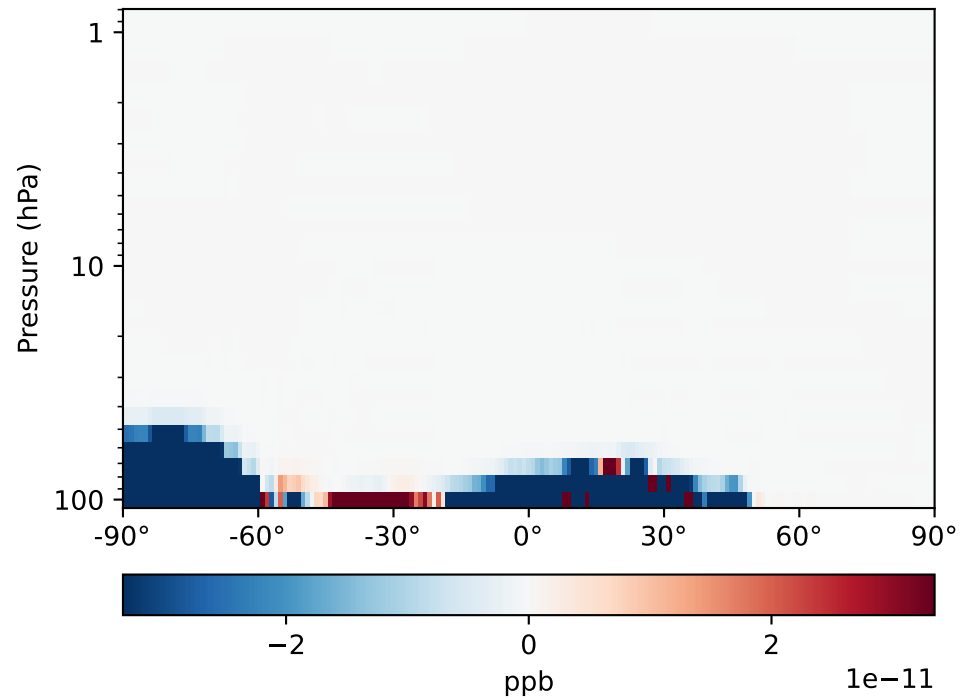
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



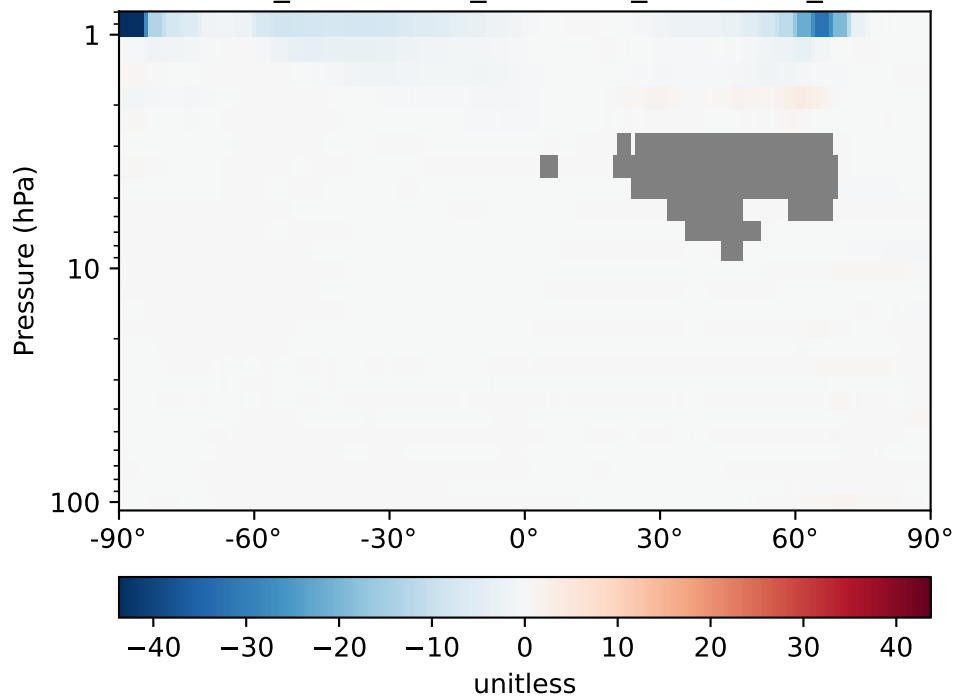
Difference (1x1.25)  
Dev - Ref, Dynamic Range



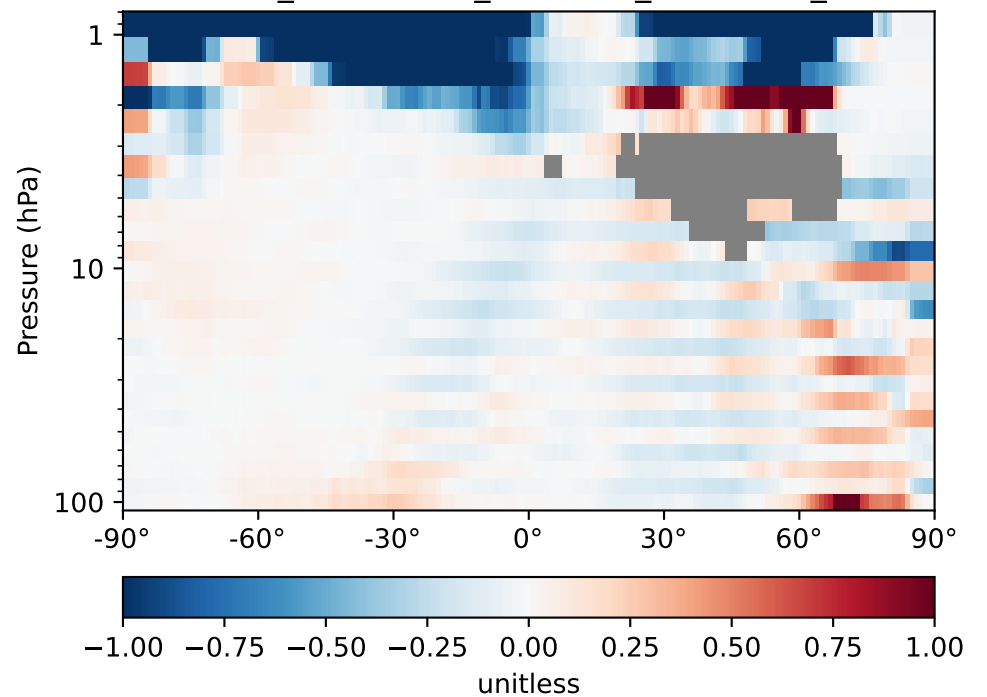
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

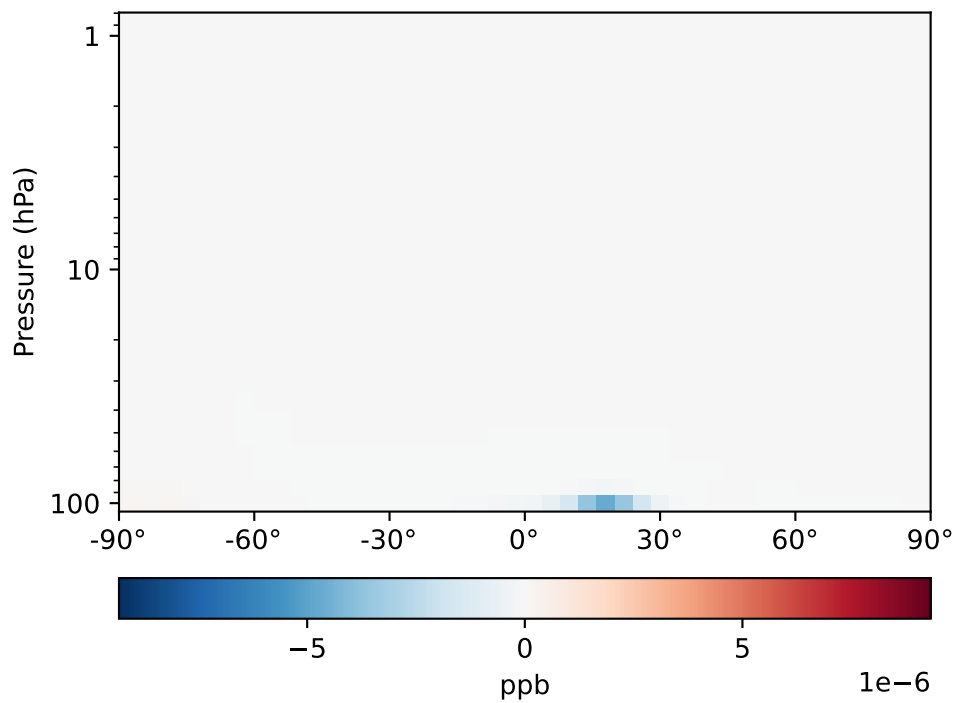


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

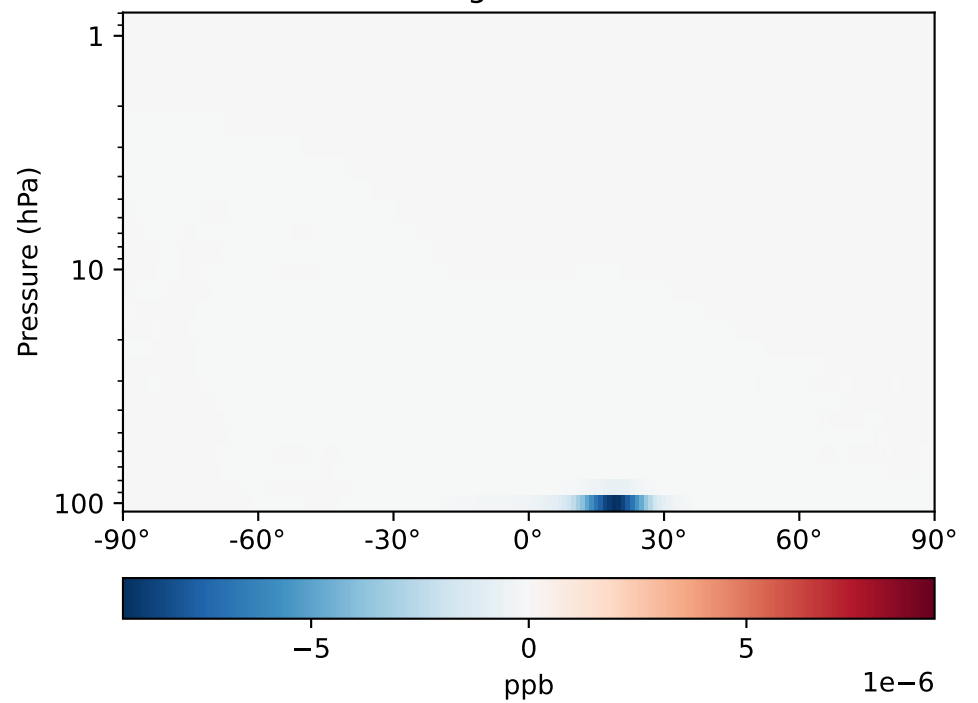


# SpeciesConc\_TOLU, Zonal Mean

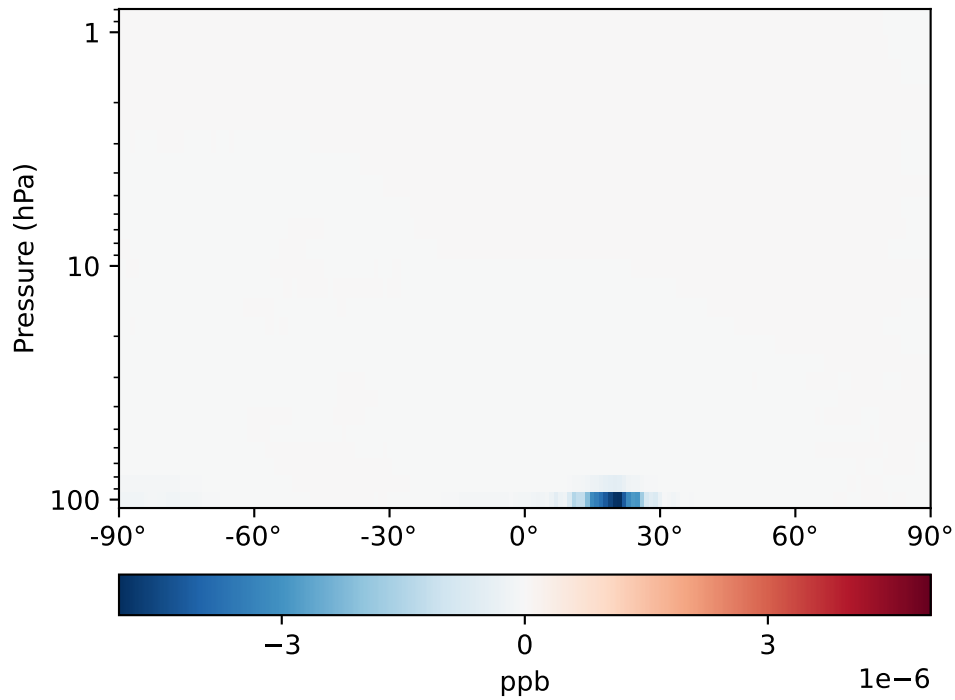
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



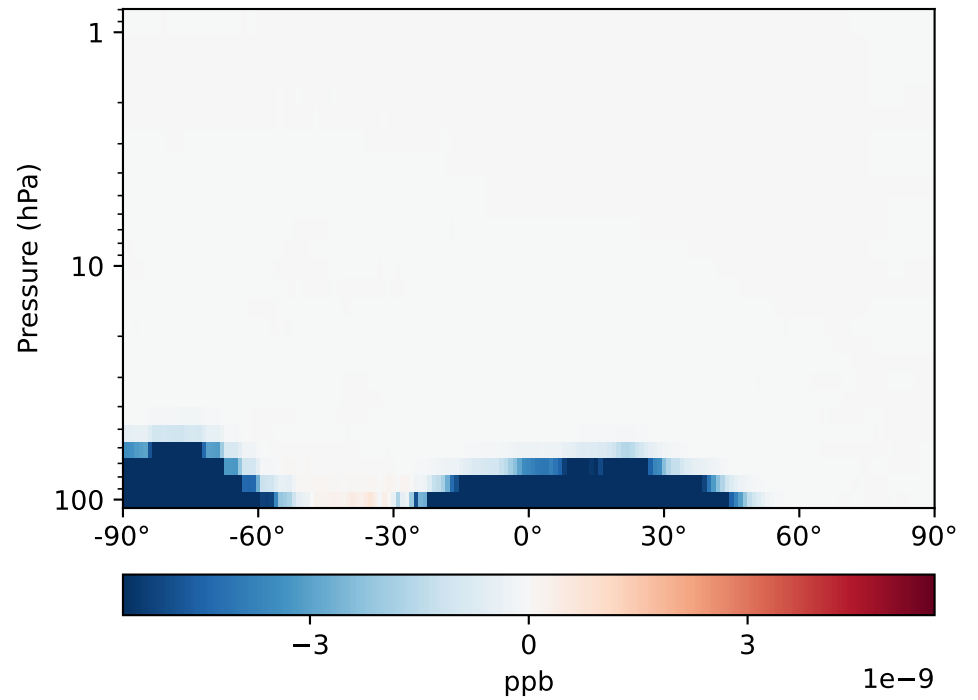
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



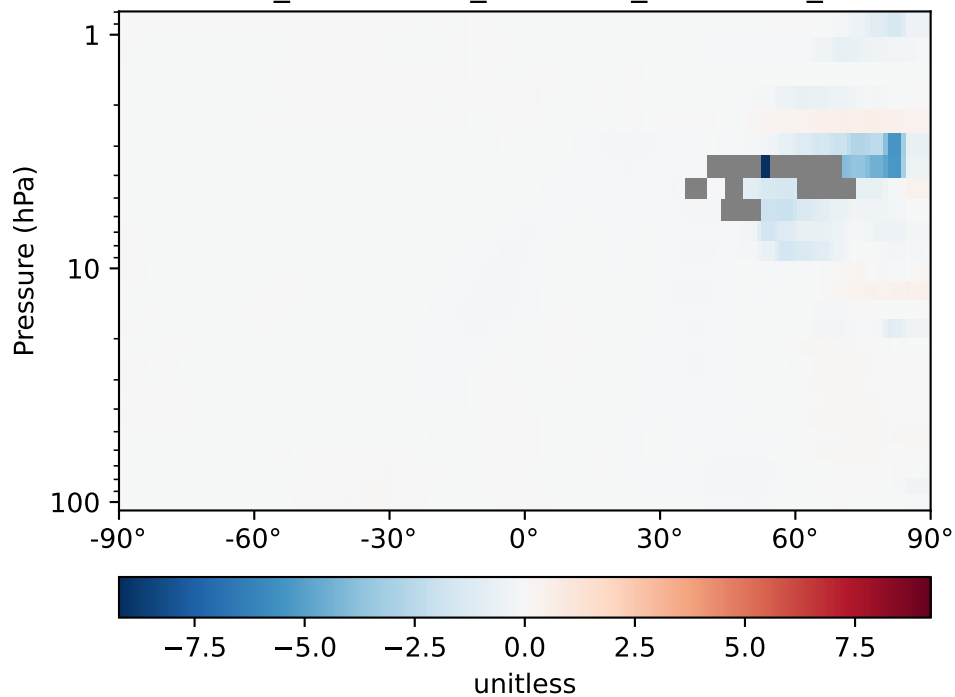
Difference (1x1.25)  
Dev - Ref, Dynamic Range



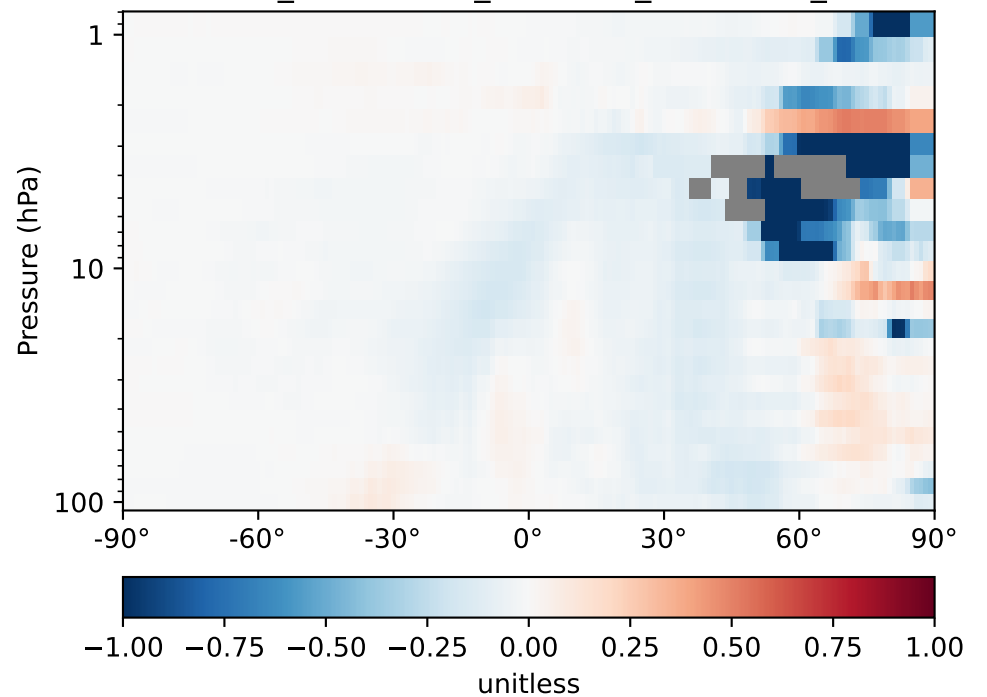
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

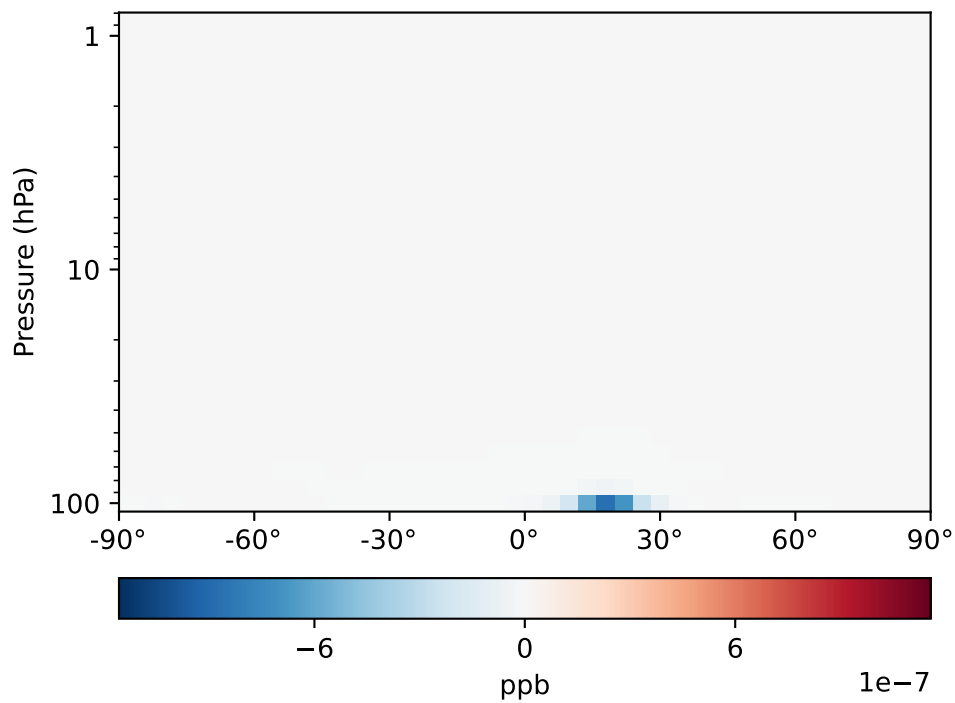


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

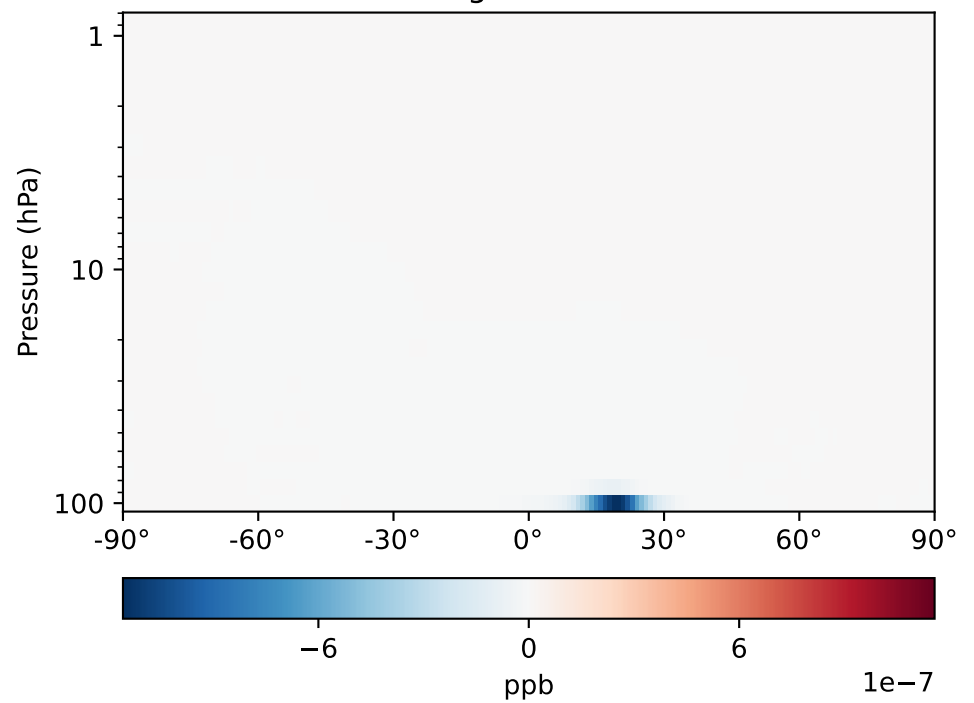


# SpeciesConc\_XYLE, Zonal Mean

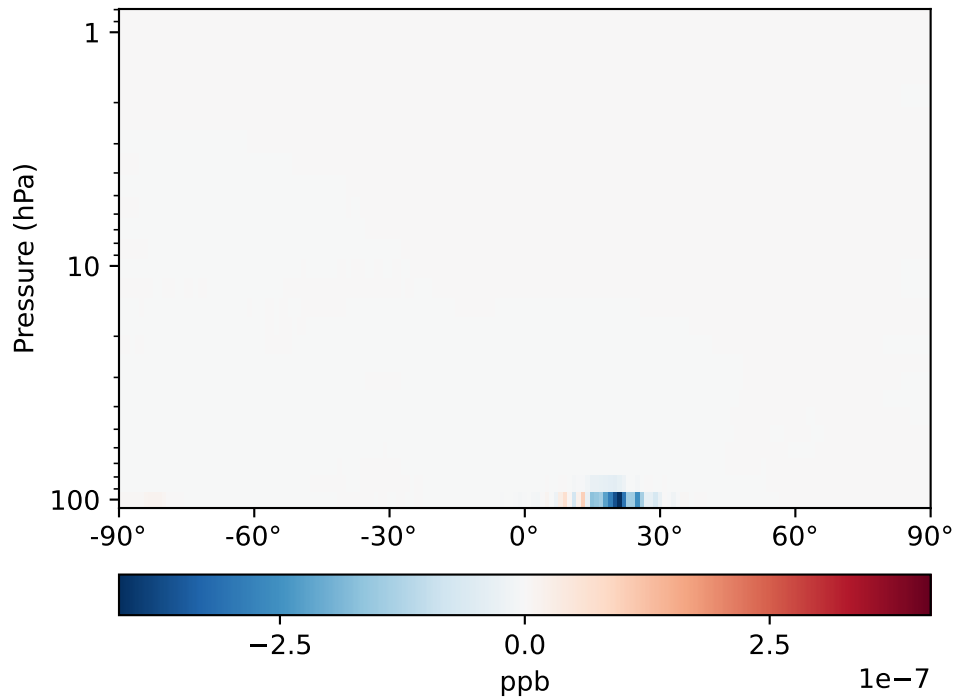
GCC\_13.4.0-rc.3 - GCC\_13.3.0-rc.1 (Ref)  
4.0x5.0



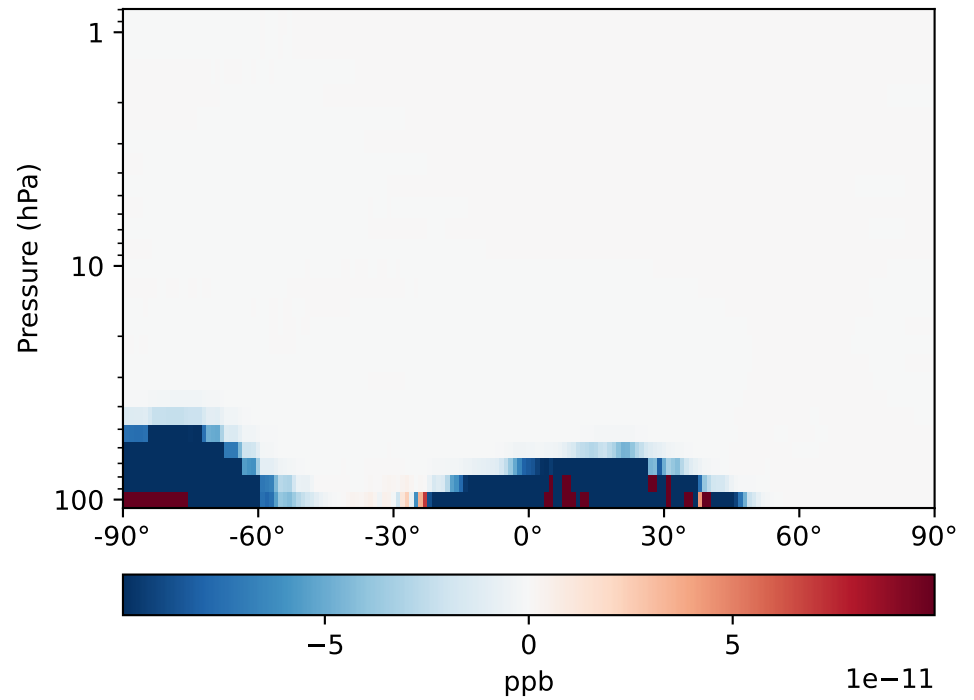
GCHP\_13.4.0-rc.3 - GCHP\_13.3.0-rc.1 (Dev)  
1x1.25 regrided from c48



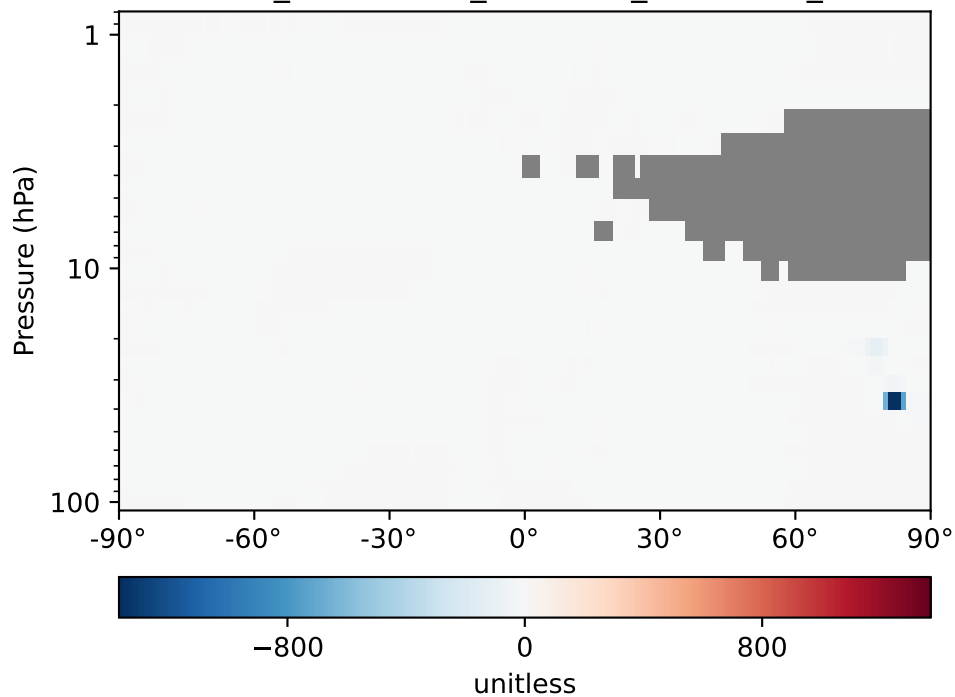
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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

