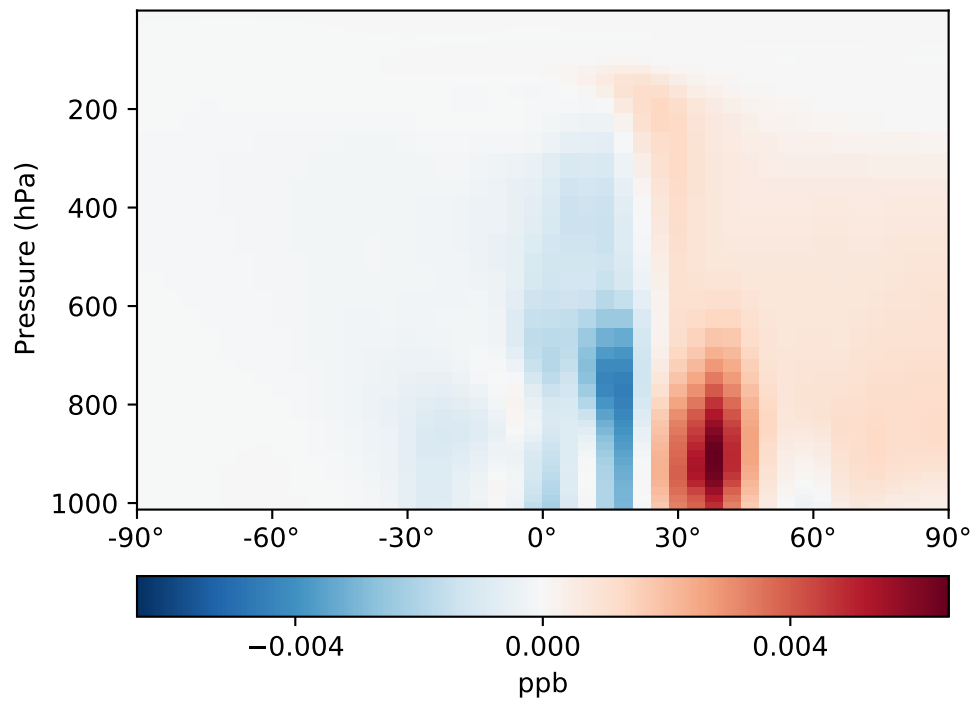
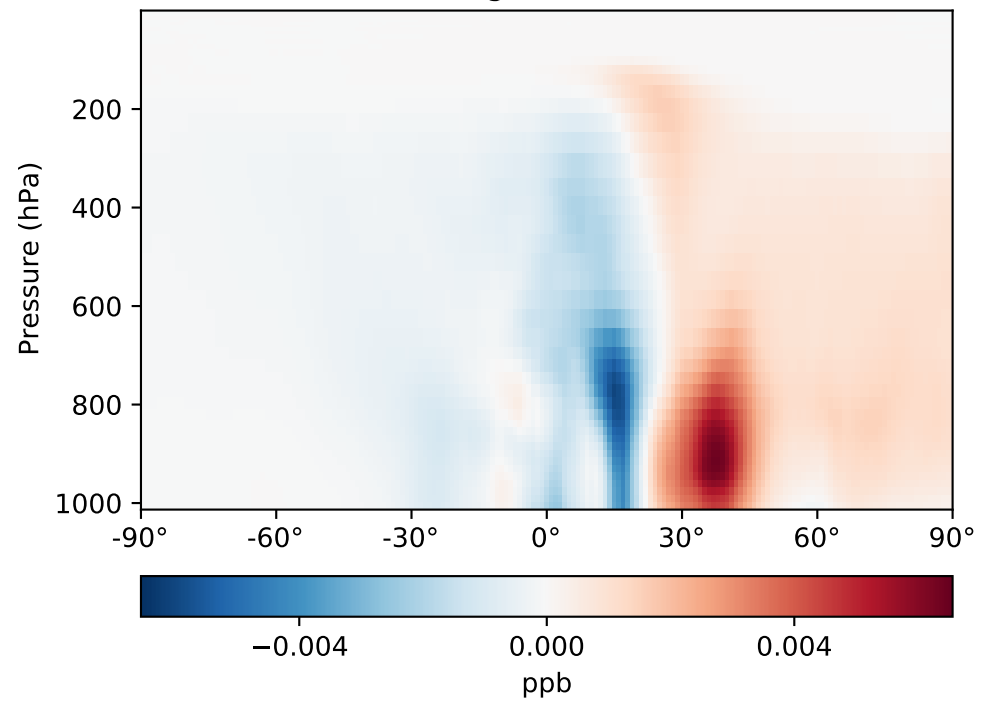


# SpeciesConc\_ACTA, Zonal Mean

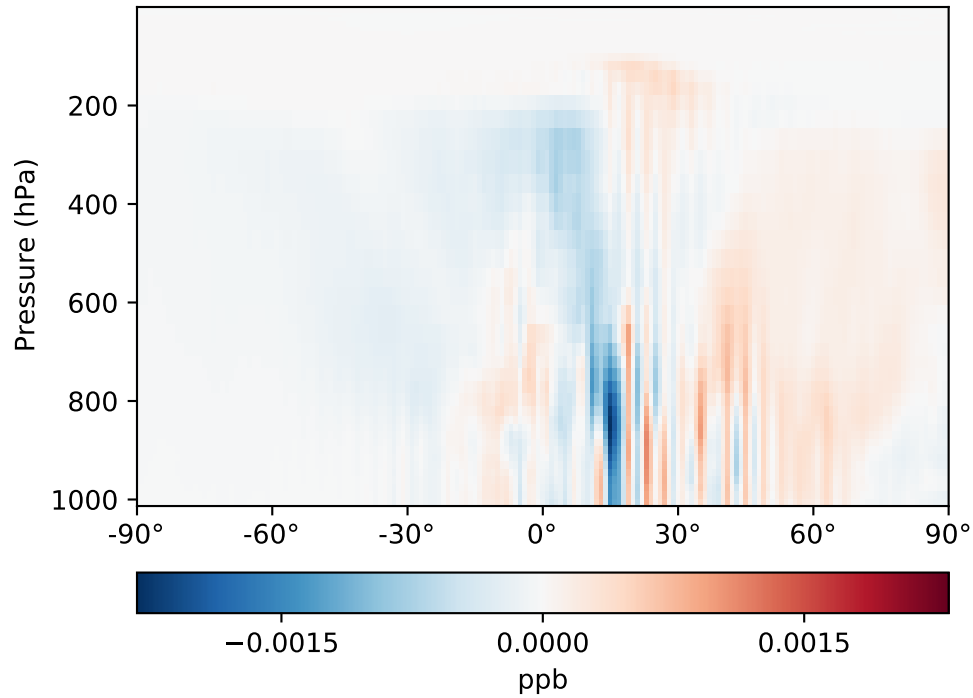
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



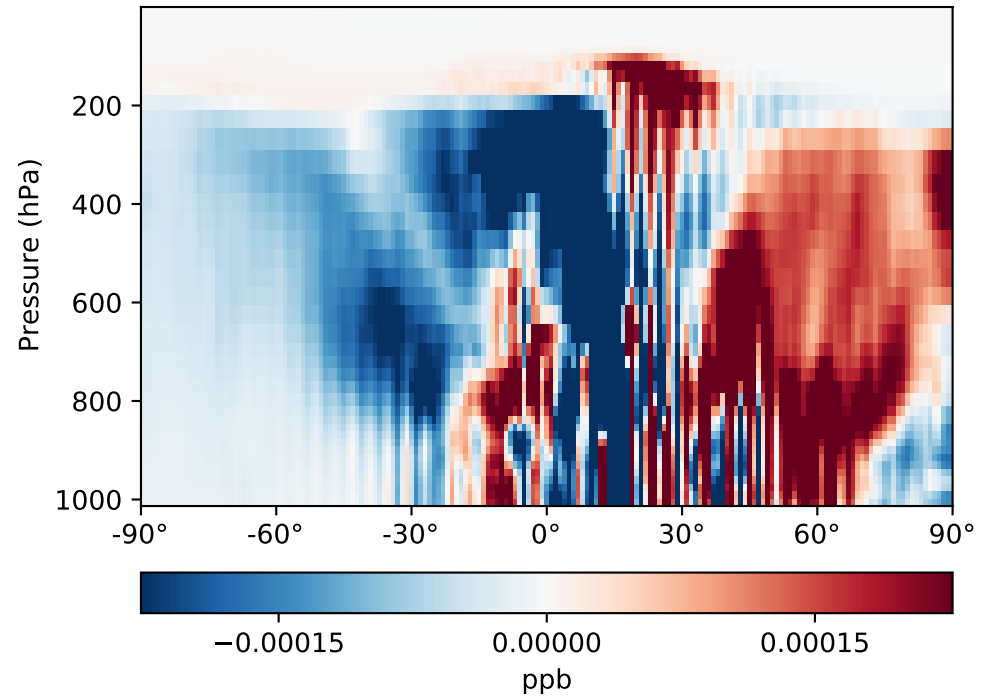
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



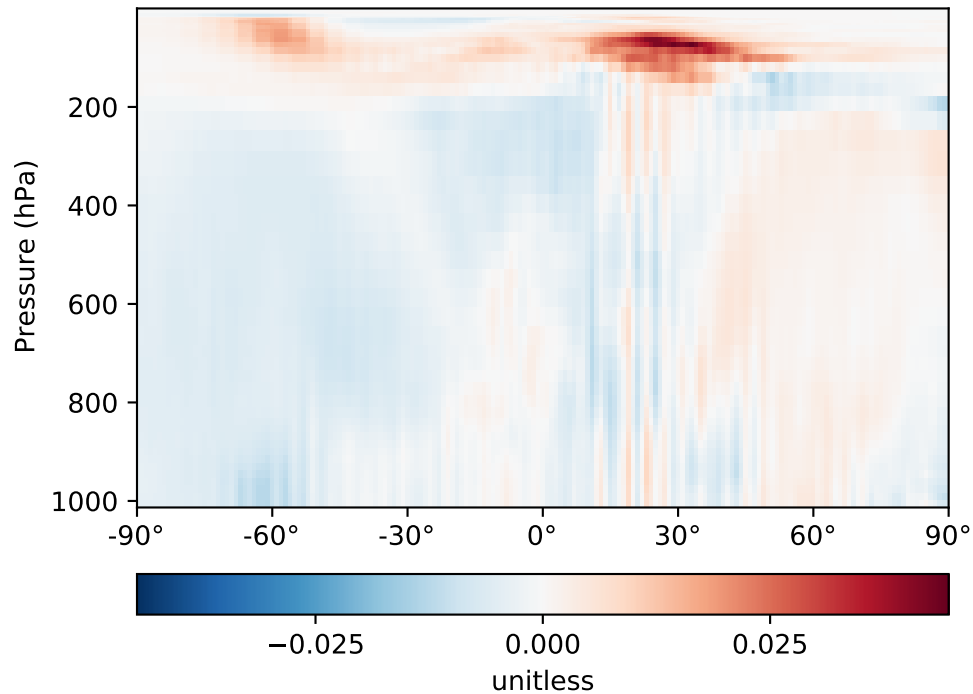
Difference (1x1.25)  
Dev - Ref, Dynamic Range



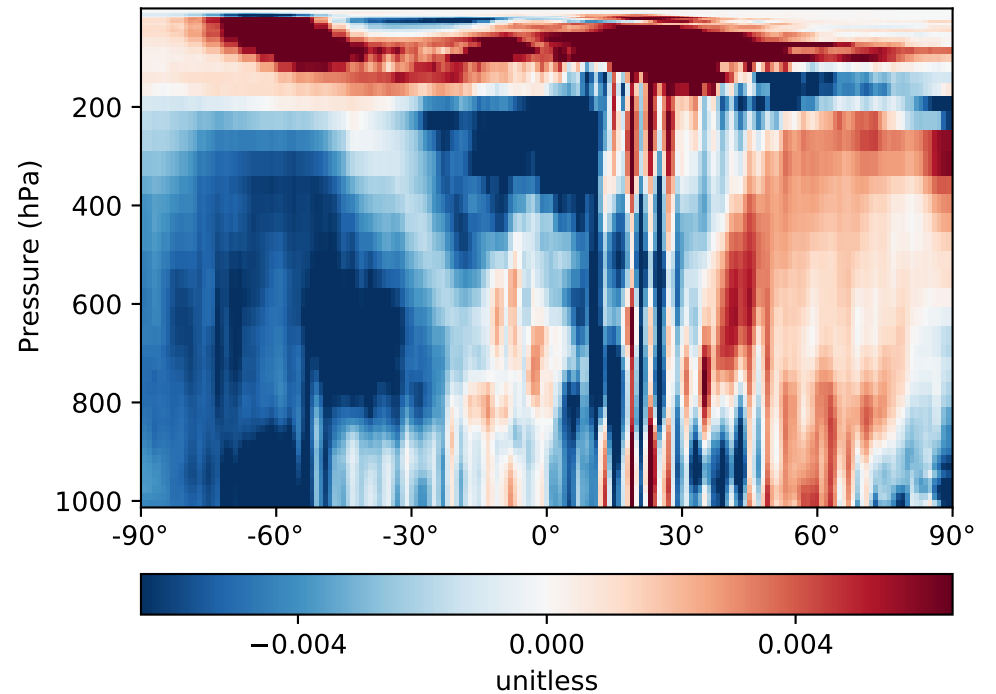
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

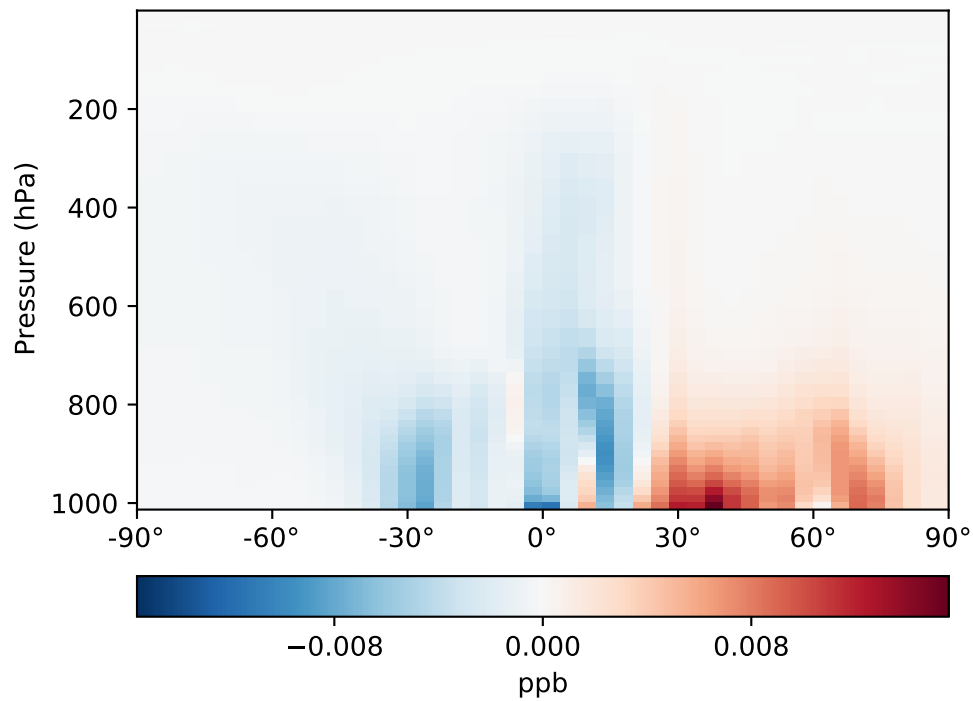


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

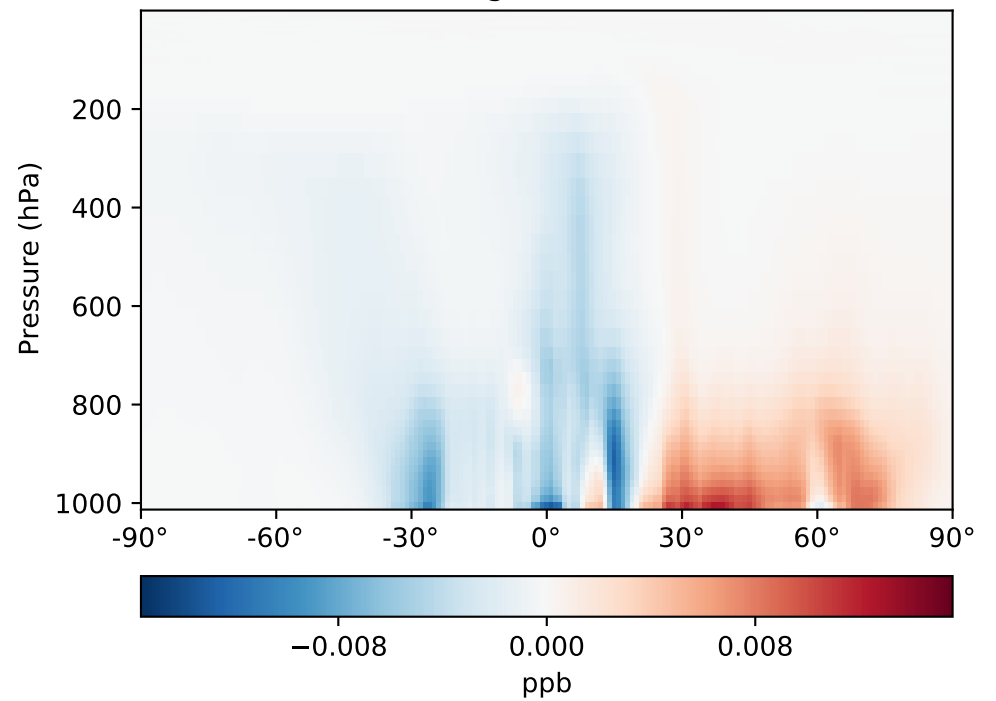


# SpeciesConc\_ALD2, Zonal Mean

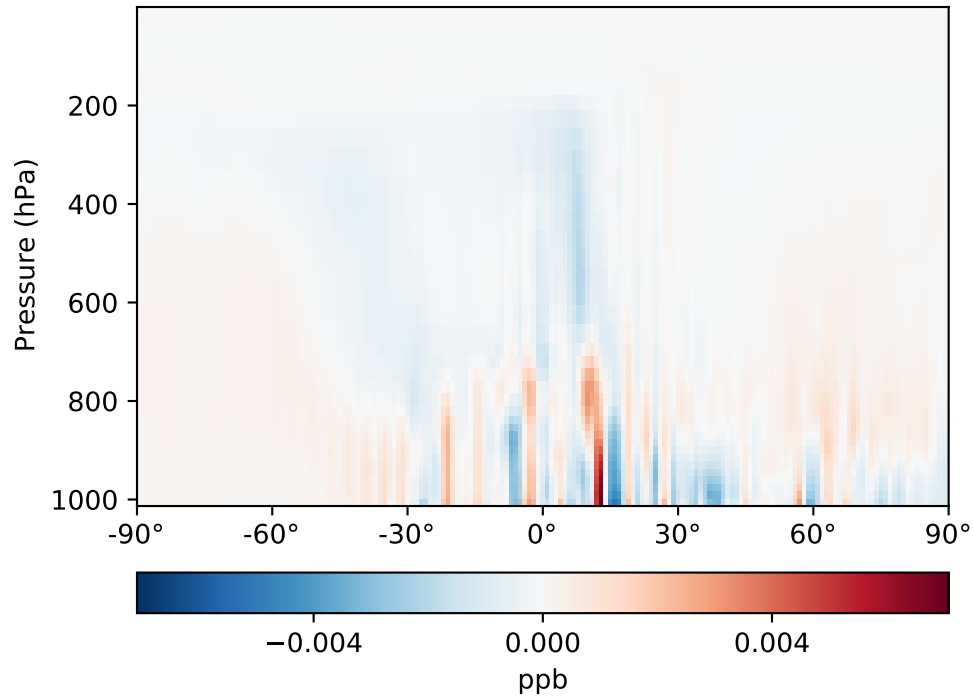
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



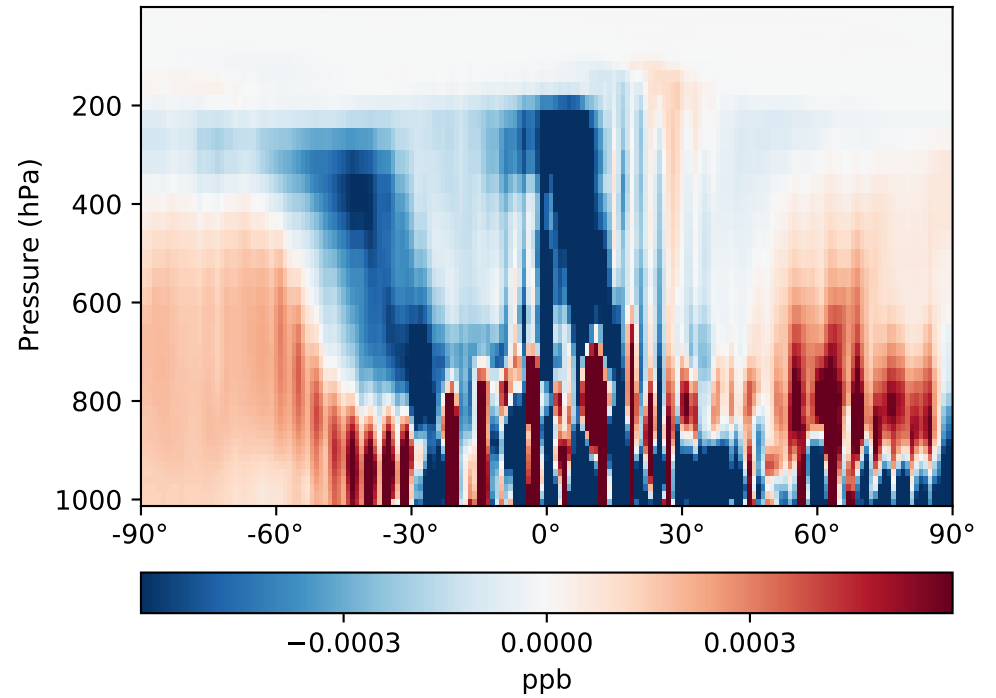
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



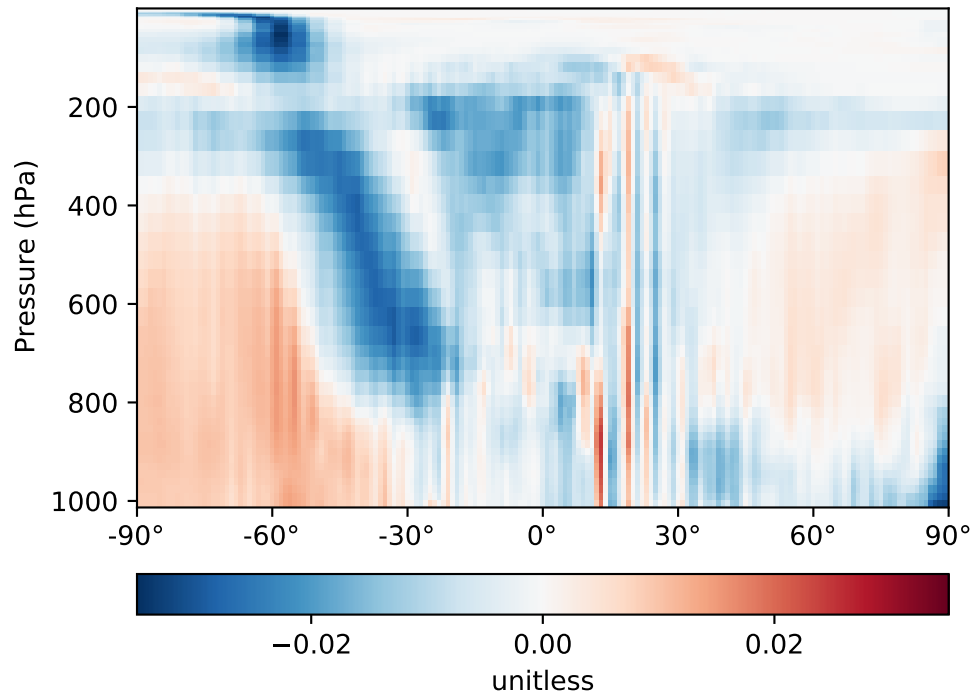
Difference (1x1.25)  
Dev - Ref, Dynamic Range



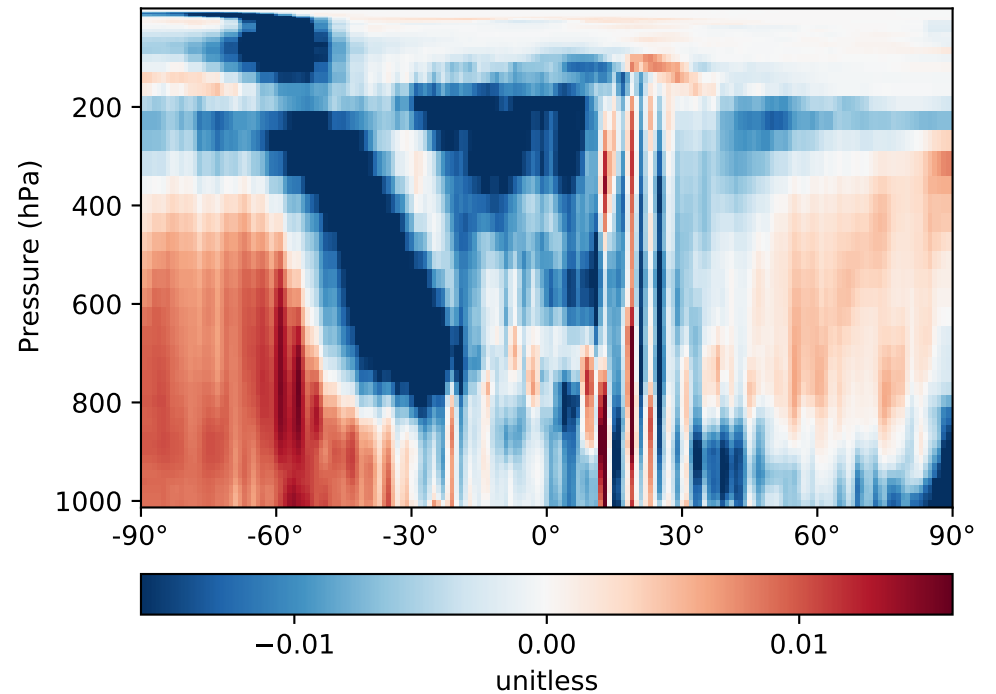
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



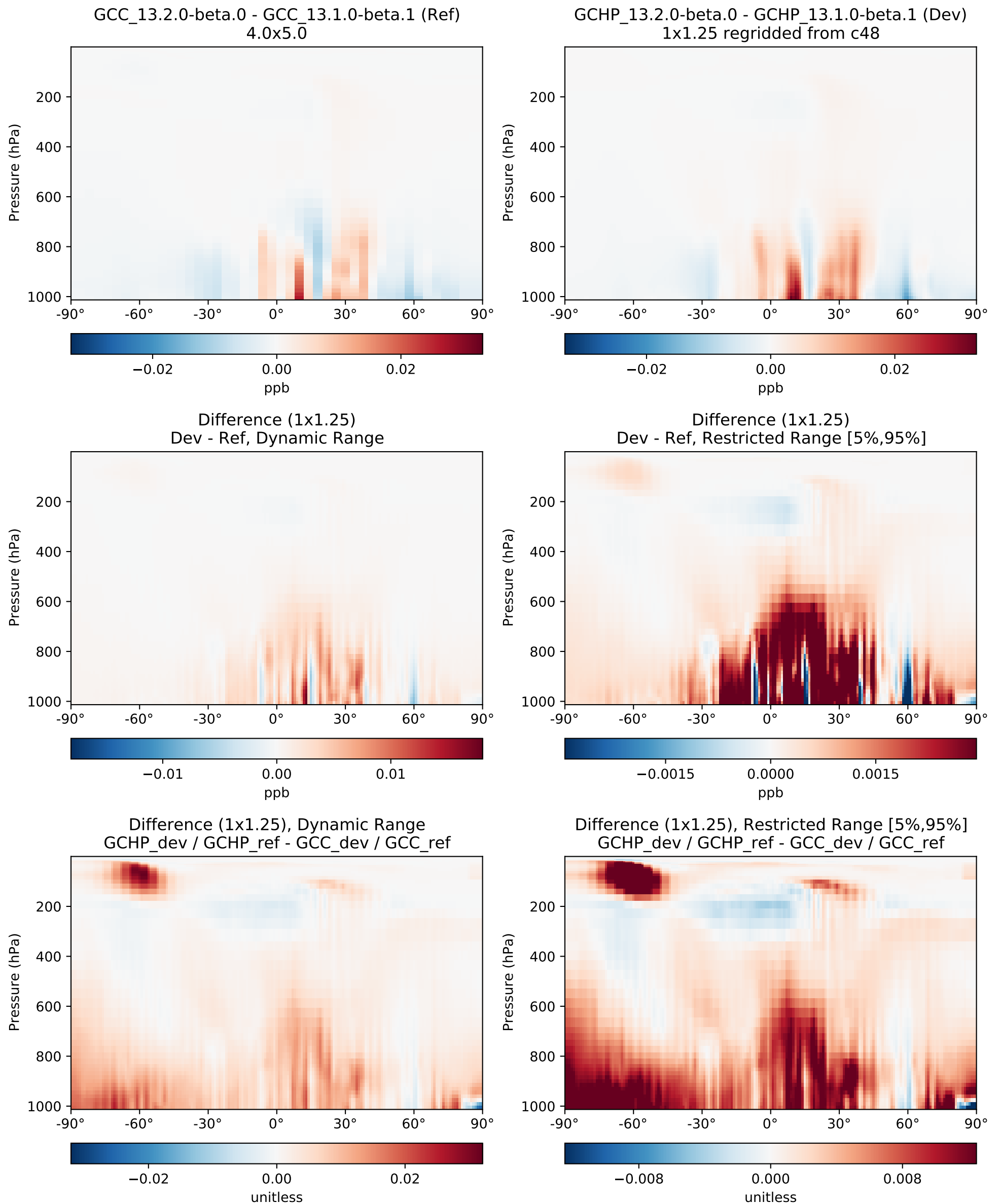
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



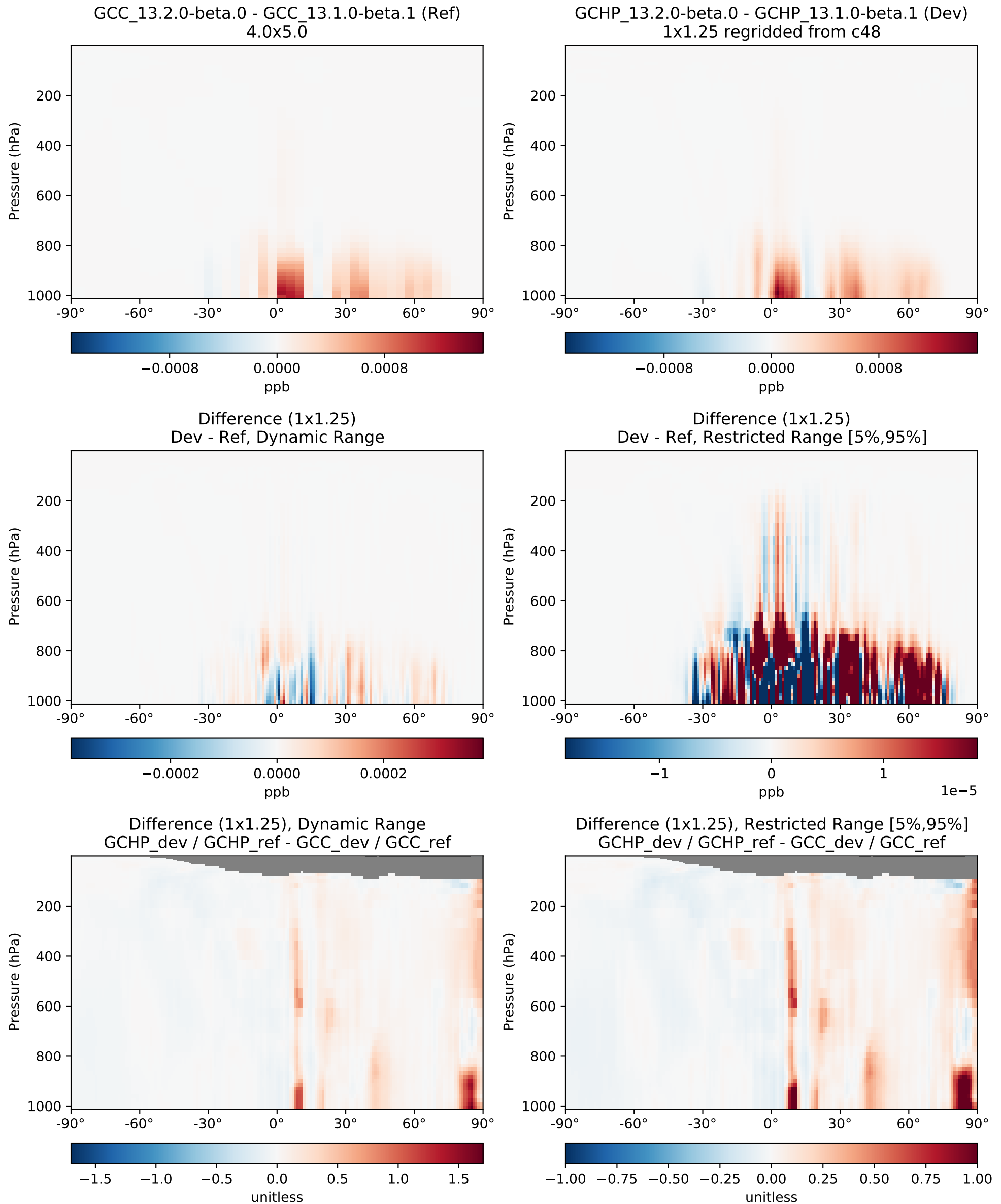
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



# SpeciesConc\_CH2O, Zonal Mean



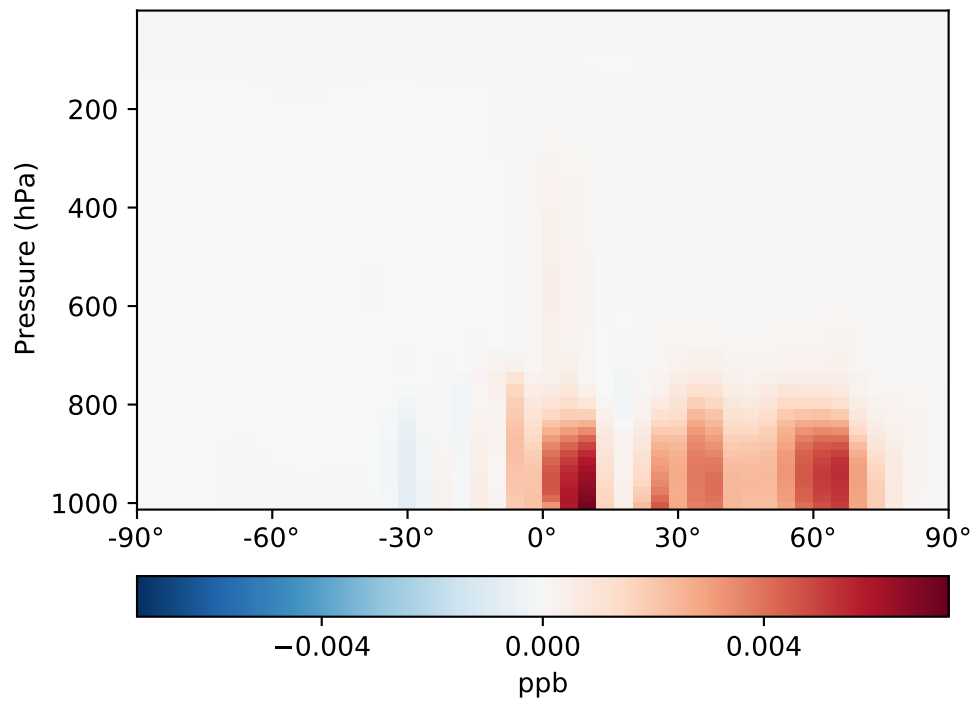
# SpeciesConc\_HPALDs, Zonal Mean



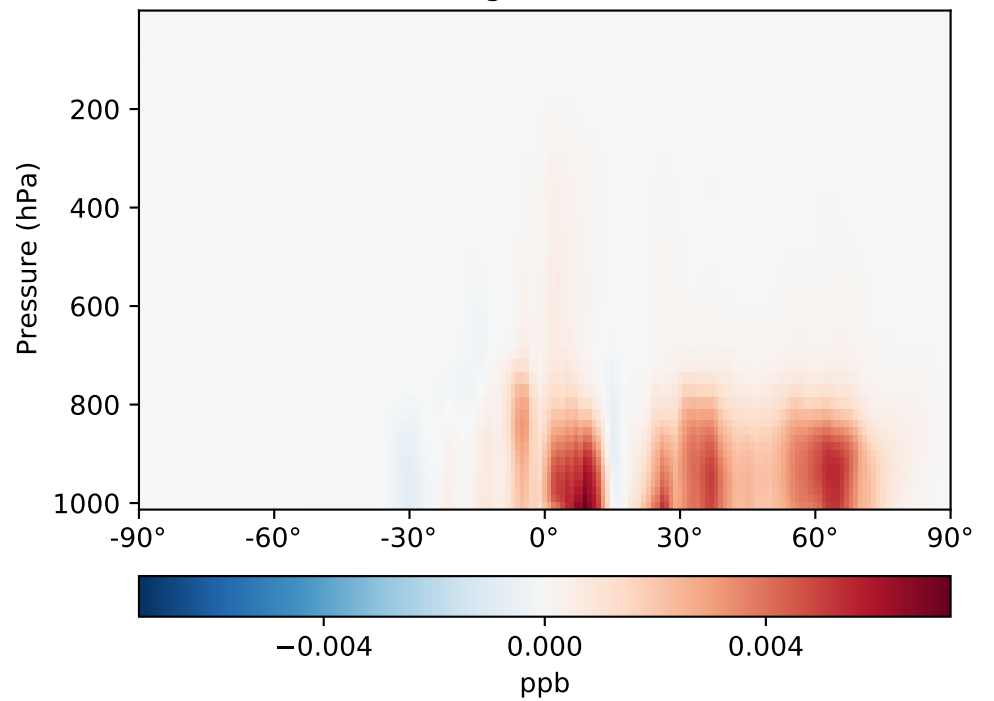


# SpeciesConc\_MACR, Zonal Mean

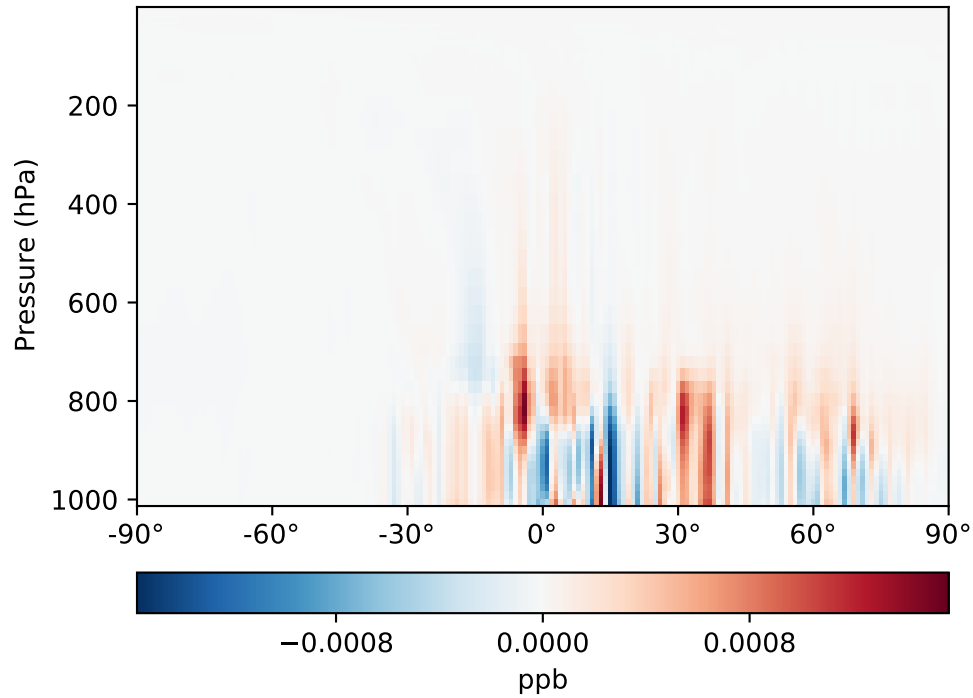
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



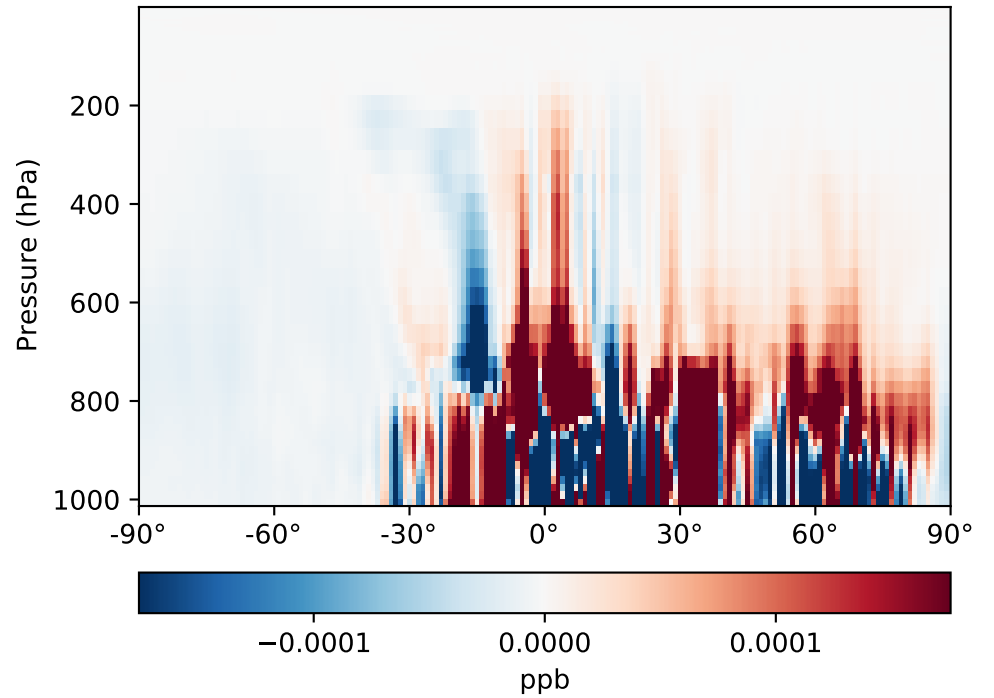
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



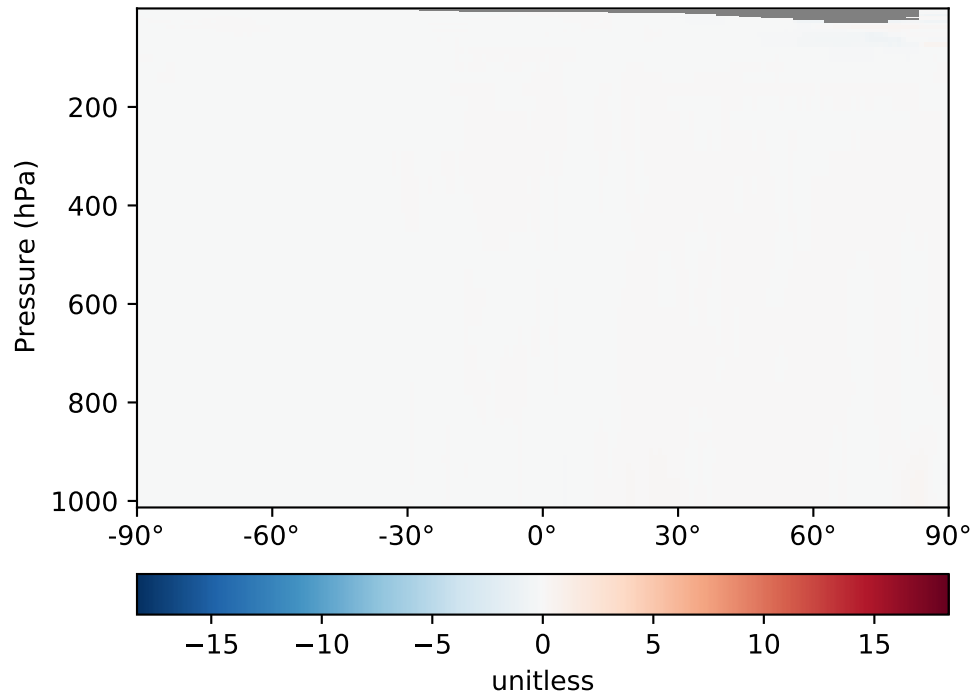
Difference (1x1.25)  
Dev - Ref, Dynamic Range



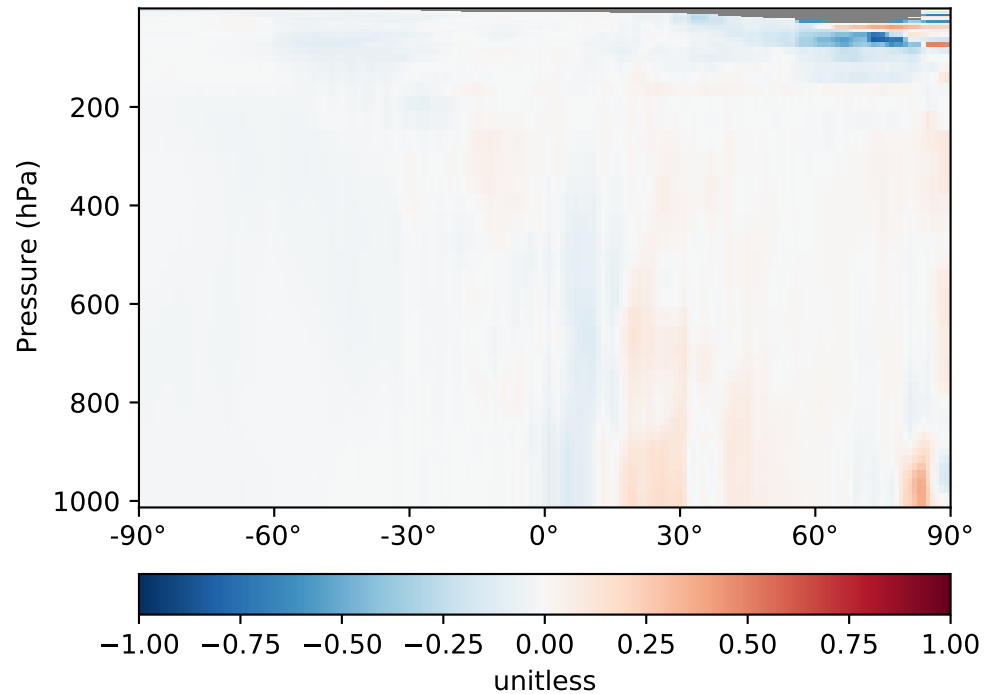
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



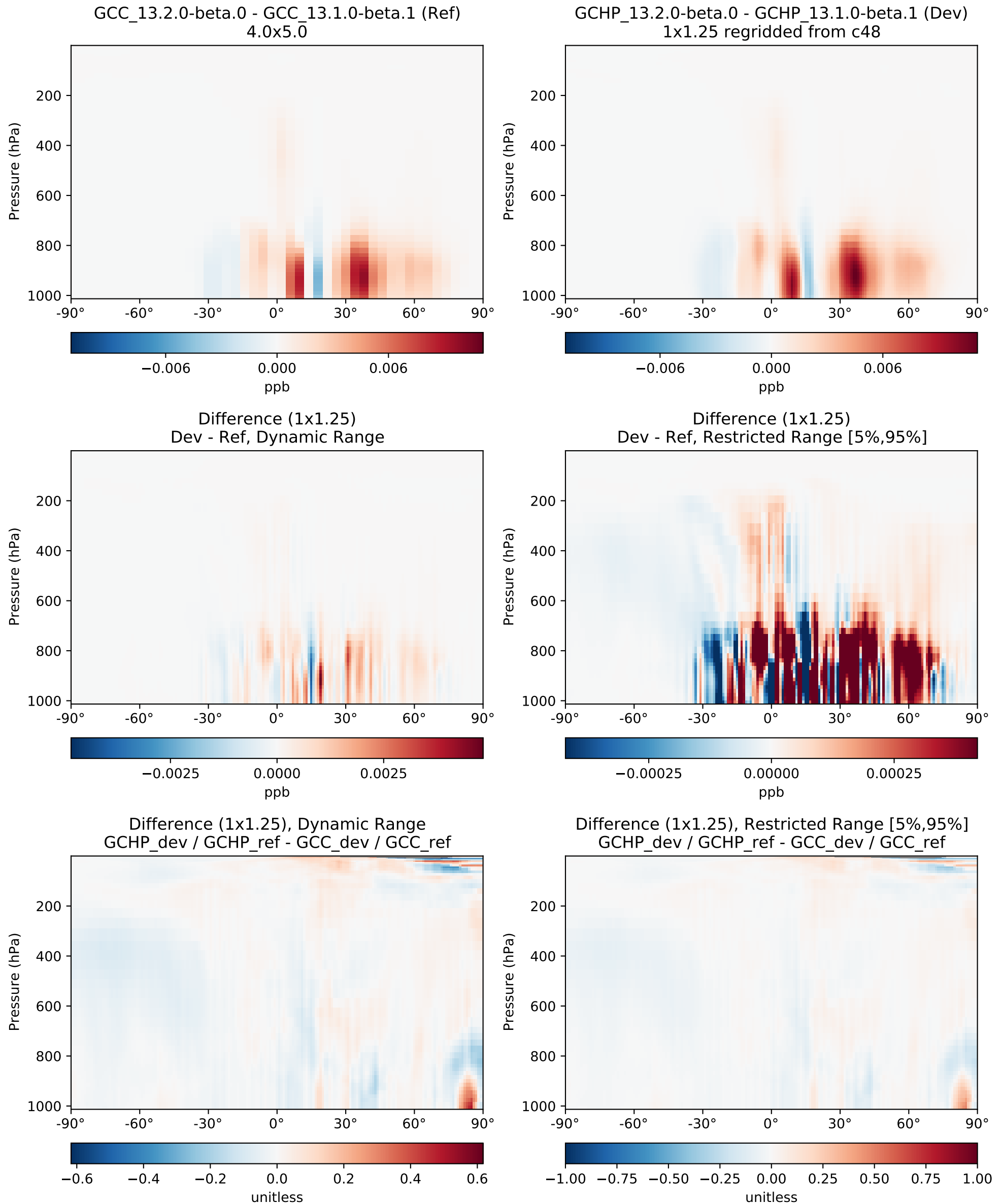
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



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

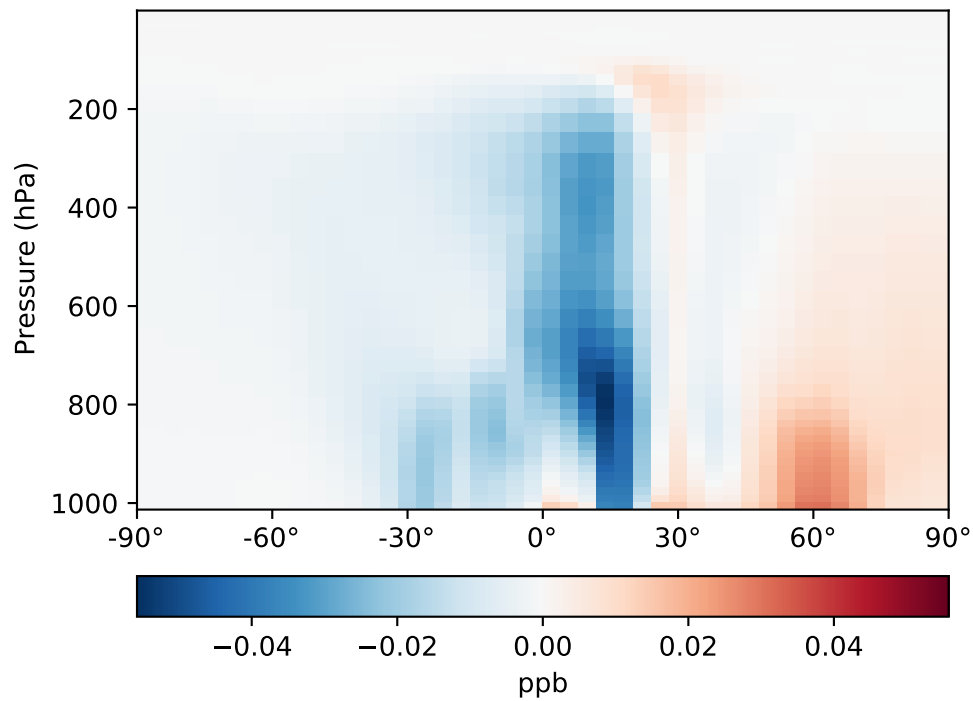


# SpeciesConc\_IEPOX, Zonal Mean

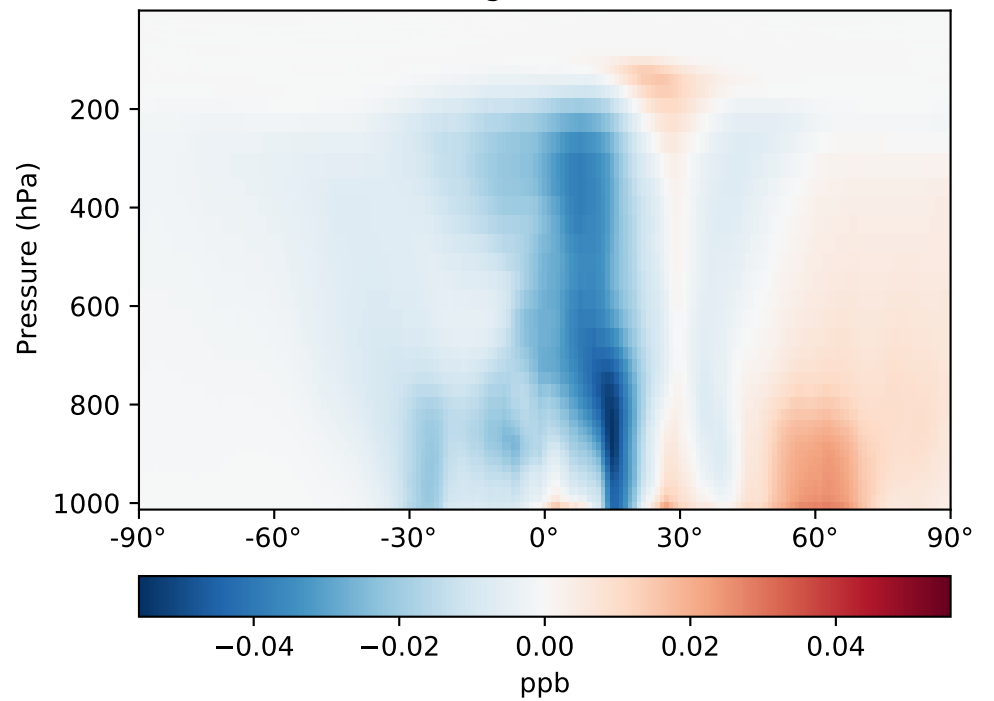


# SpeciesConc\_ACET, Zonal Mean

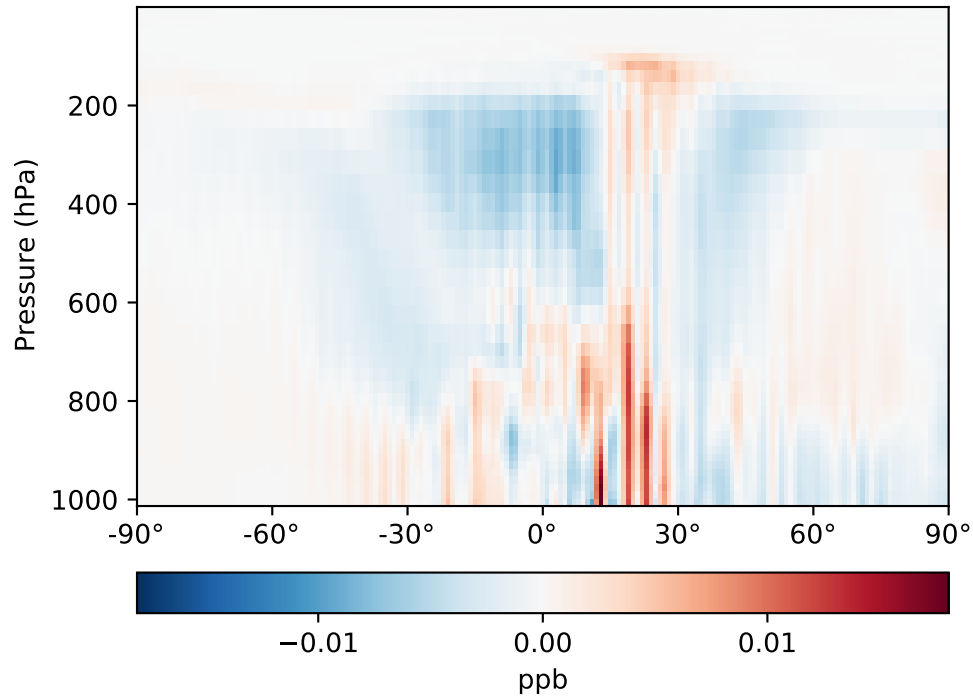
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



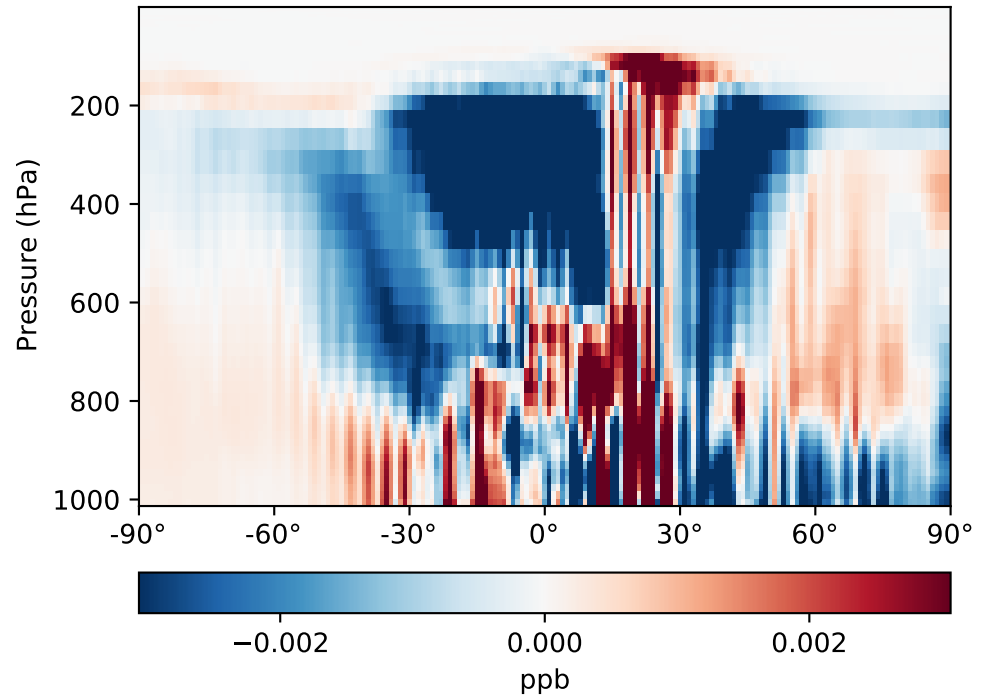
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



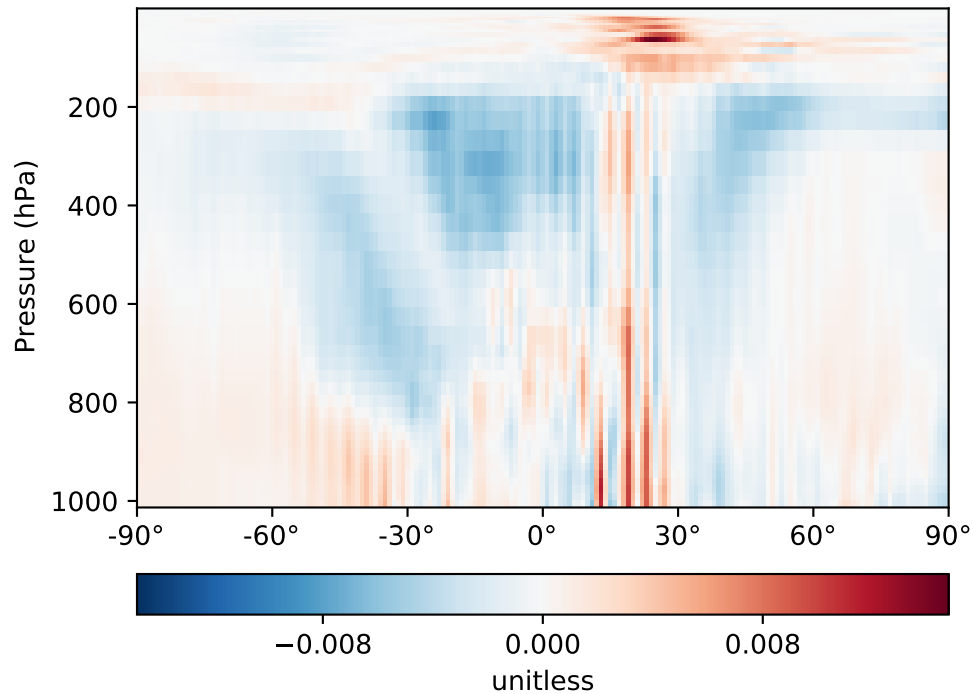
Difference (1x1.25)  
Dev - Ref, Dynamic Range



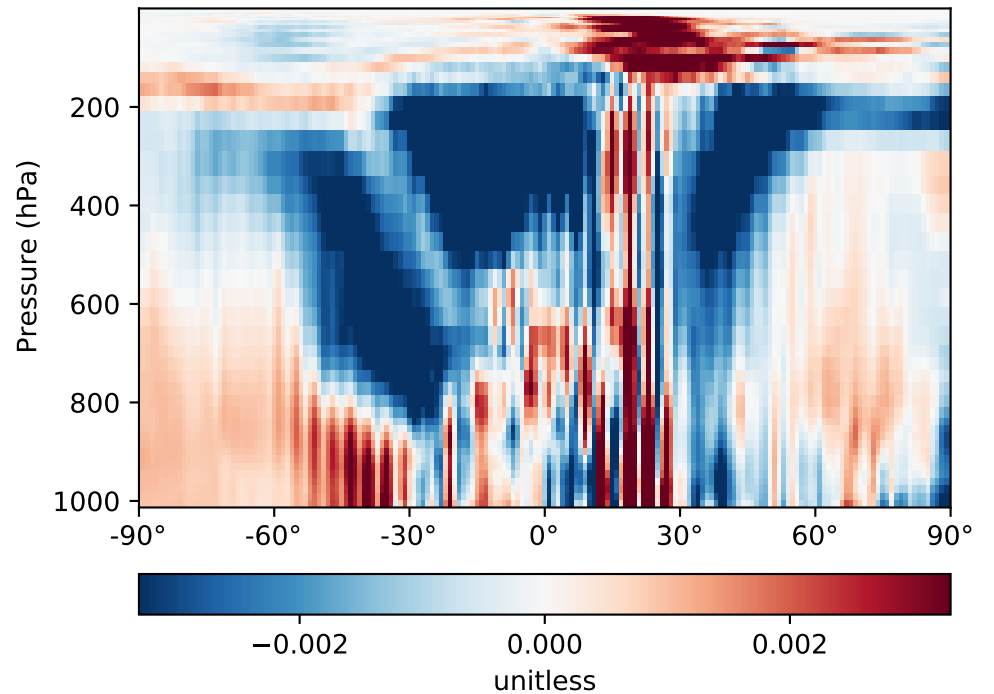
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

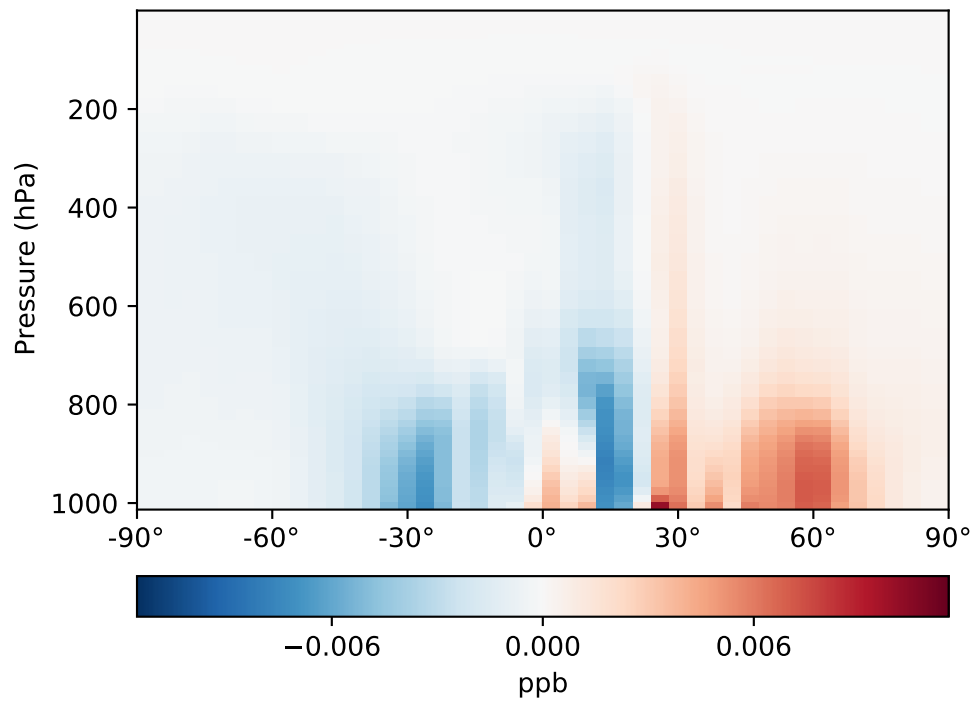


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

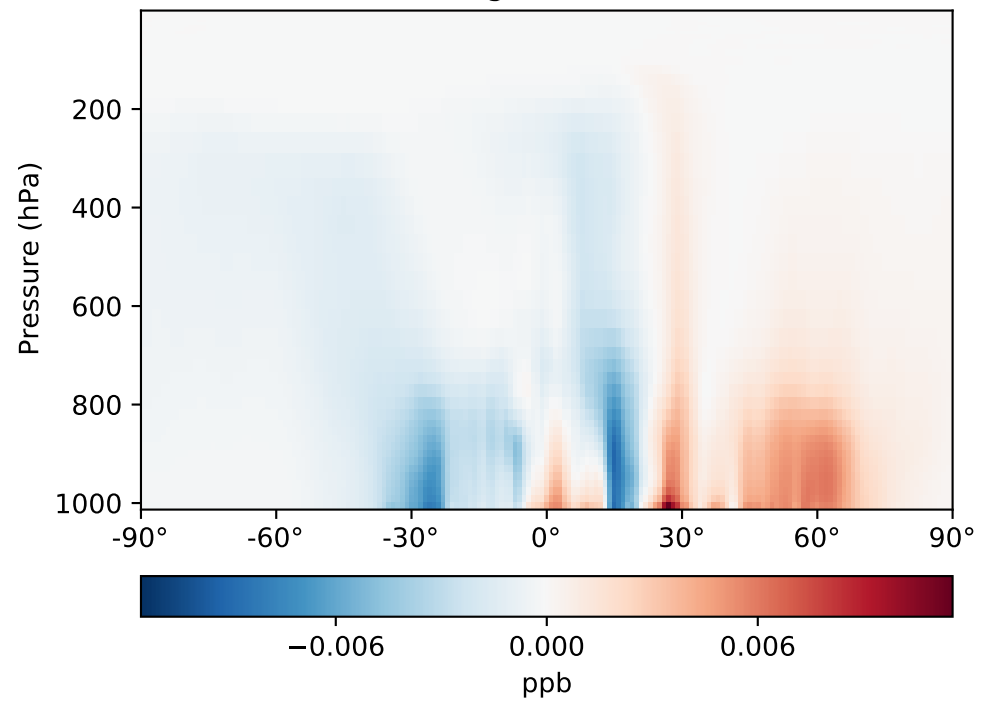


# SpeciesConc\_MEK, Zonal Mean

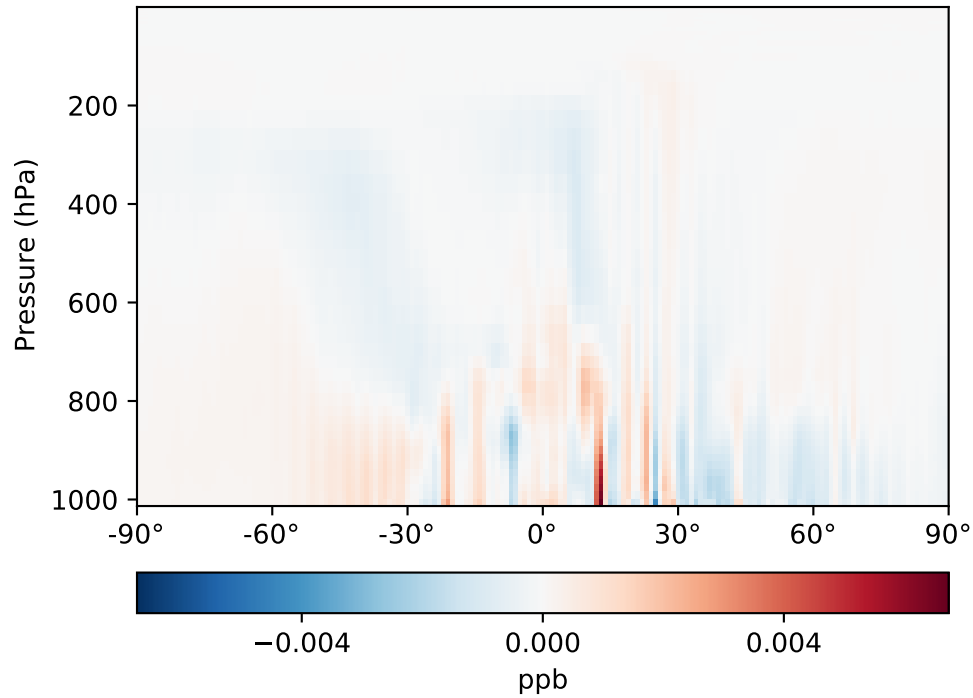
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



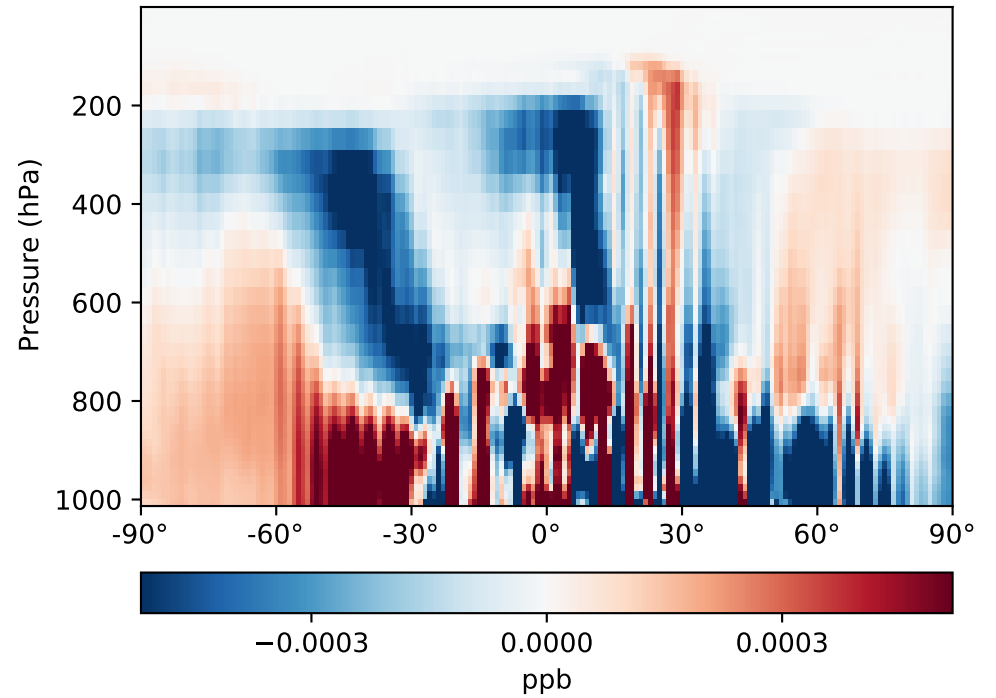
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



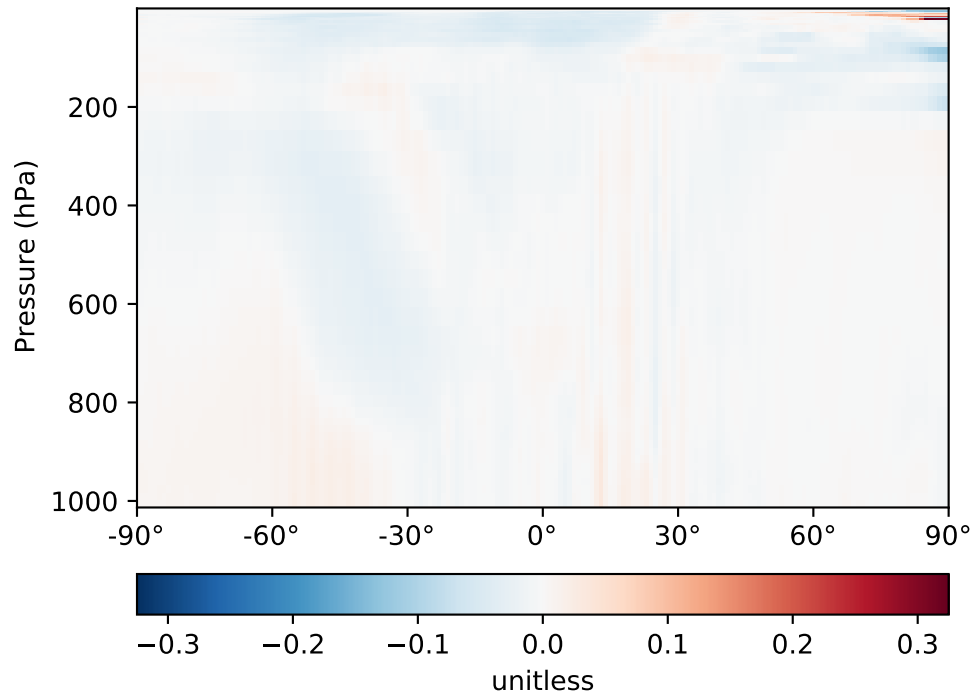
Difference (1x1.25)  
Dev - Ref, Dynamic Range



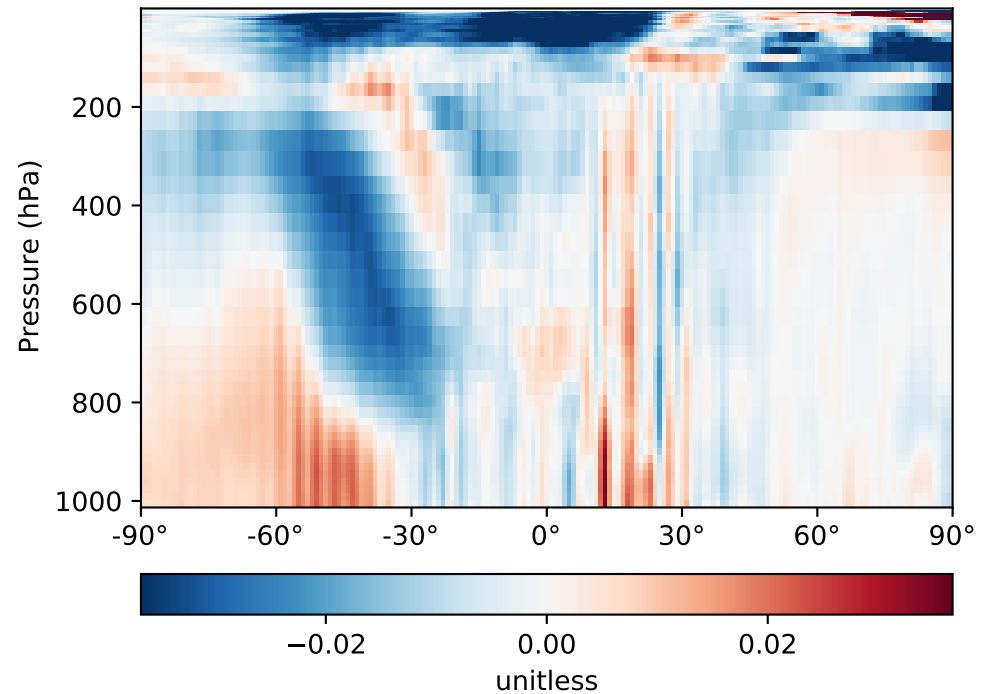
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

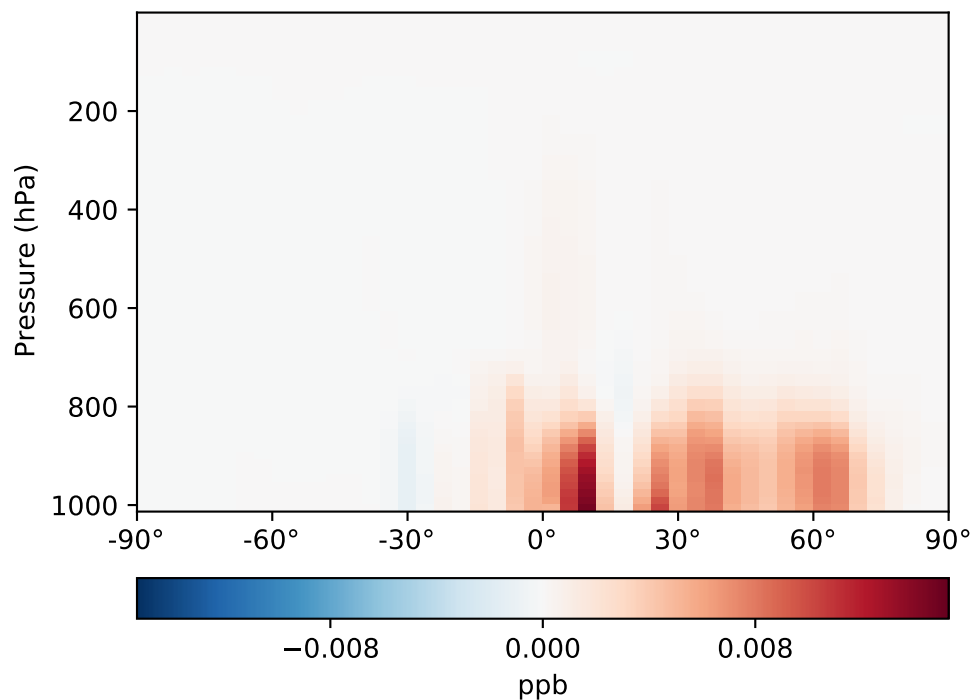


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

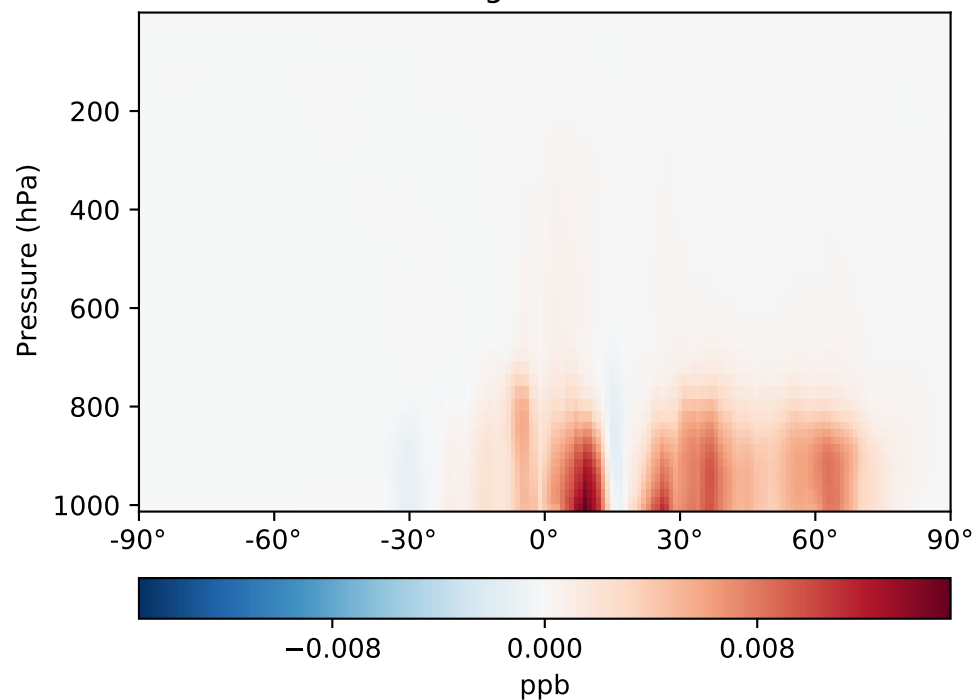


# SpeciesConc\_MVK, Zonal Mean

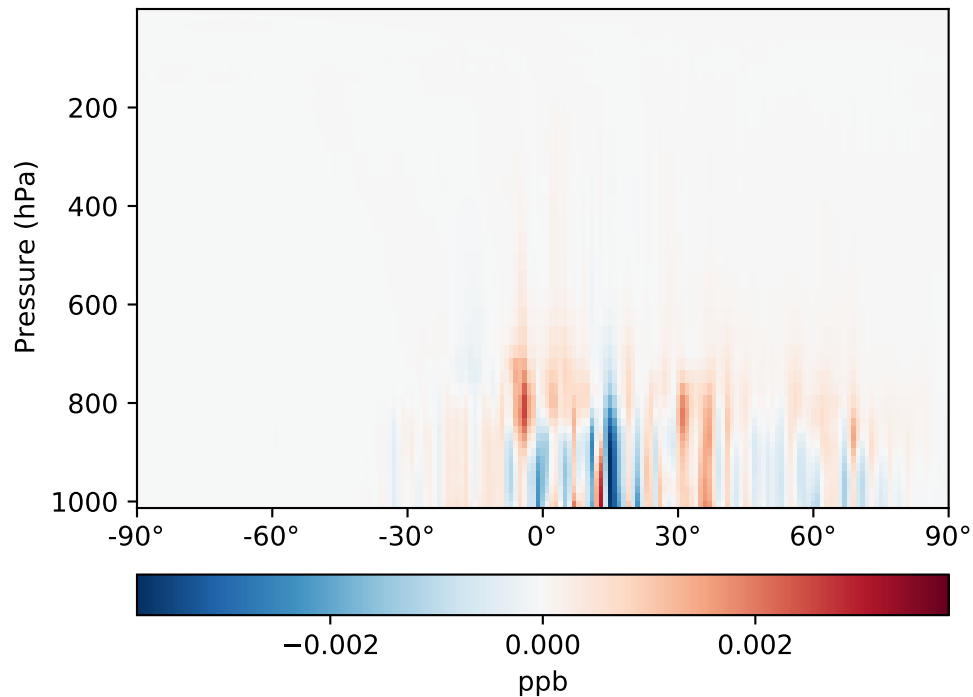
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



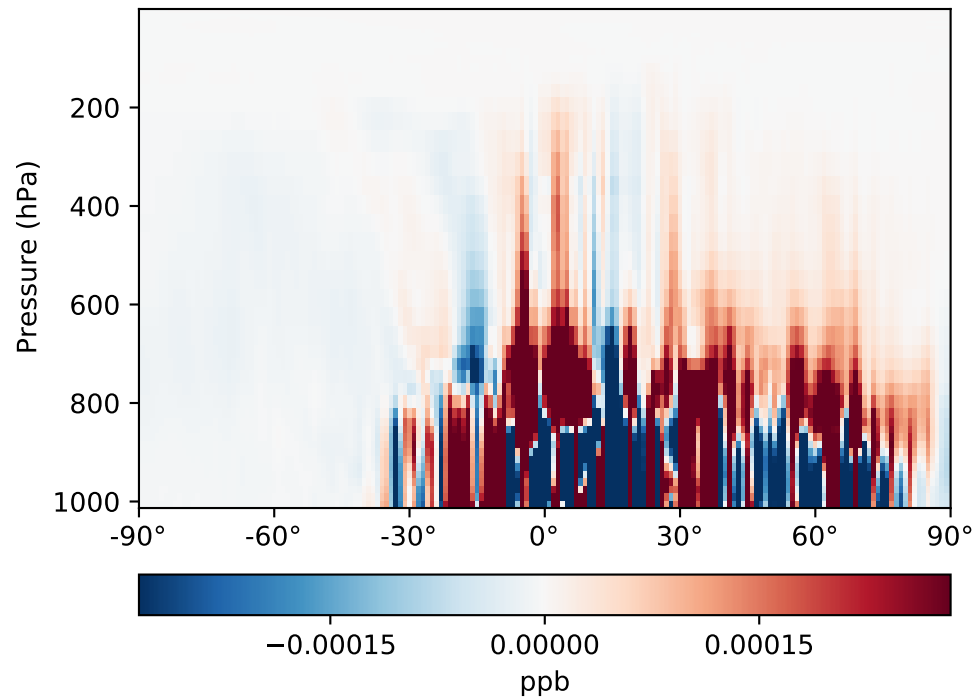
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



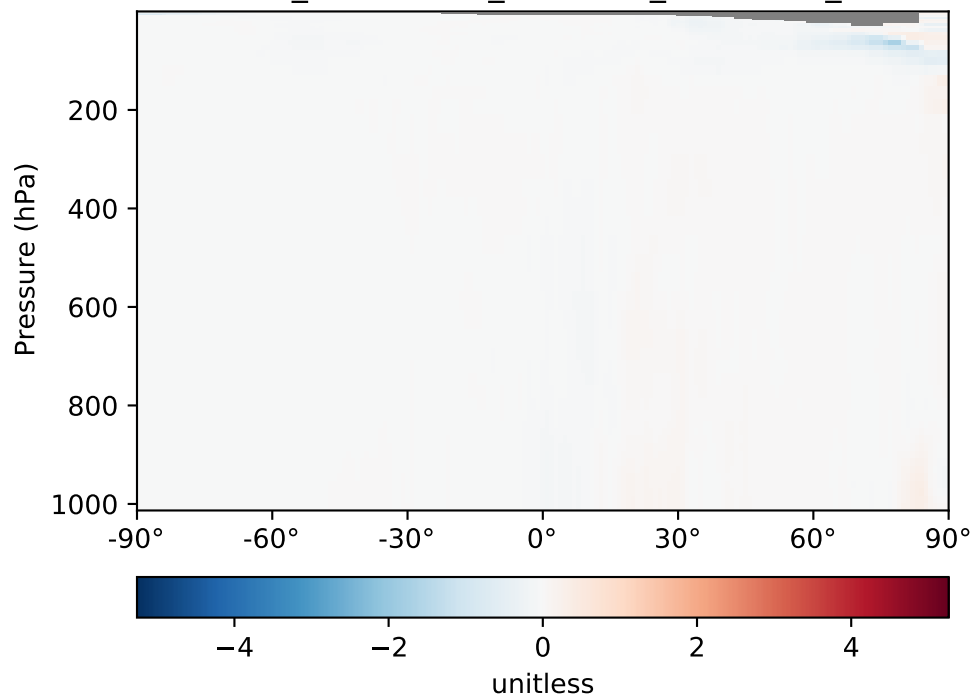
Difference (1x1.25)  
Dev - Ref, Dynamic Range



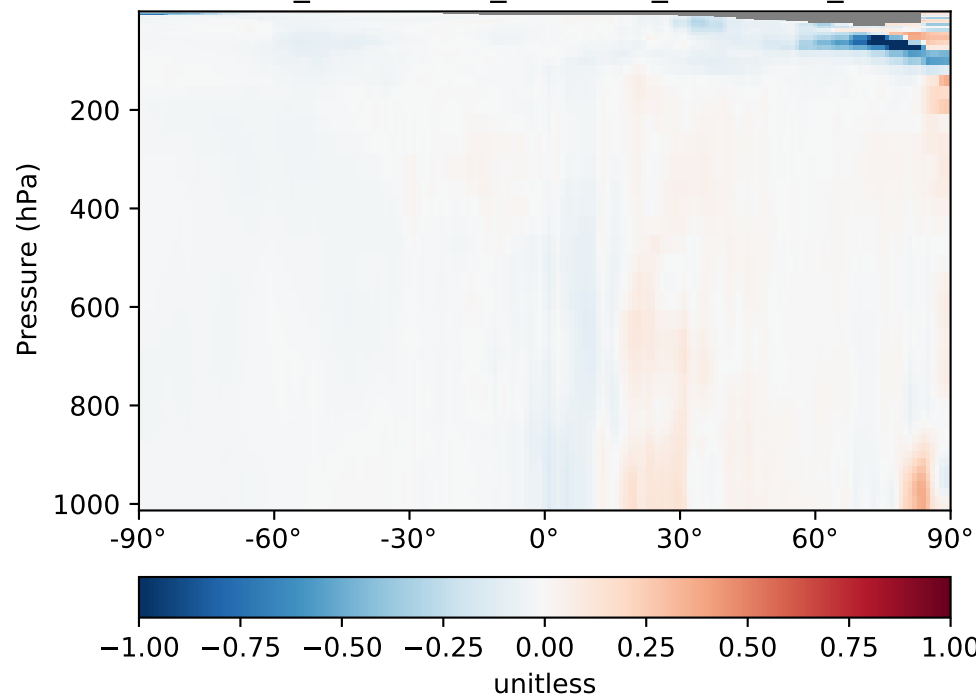
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



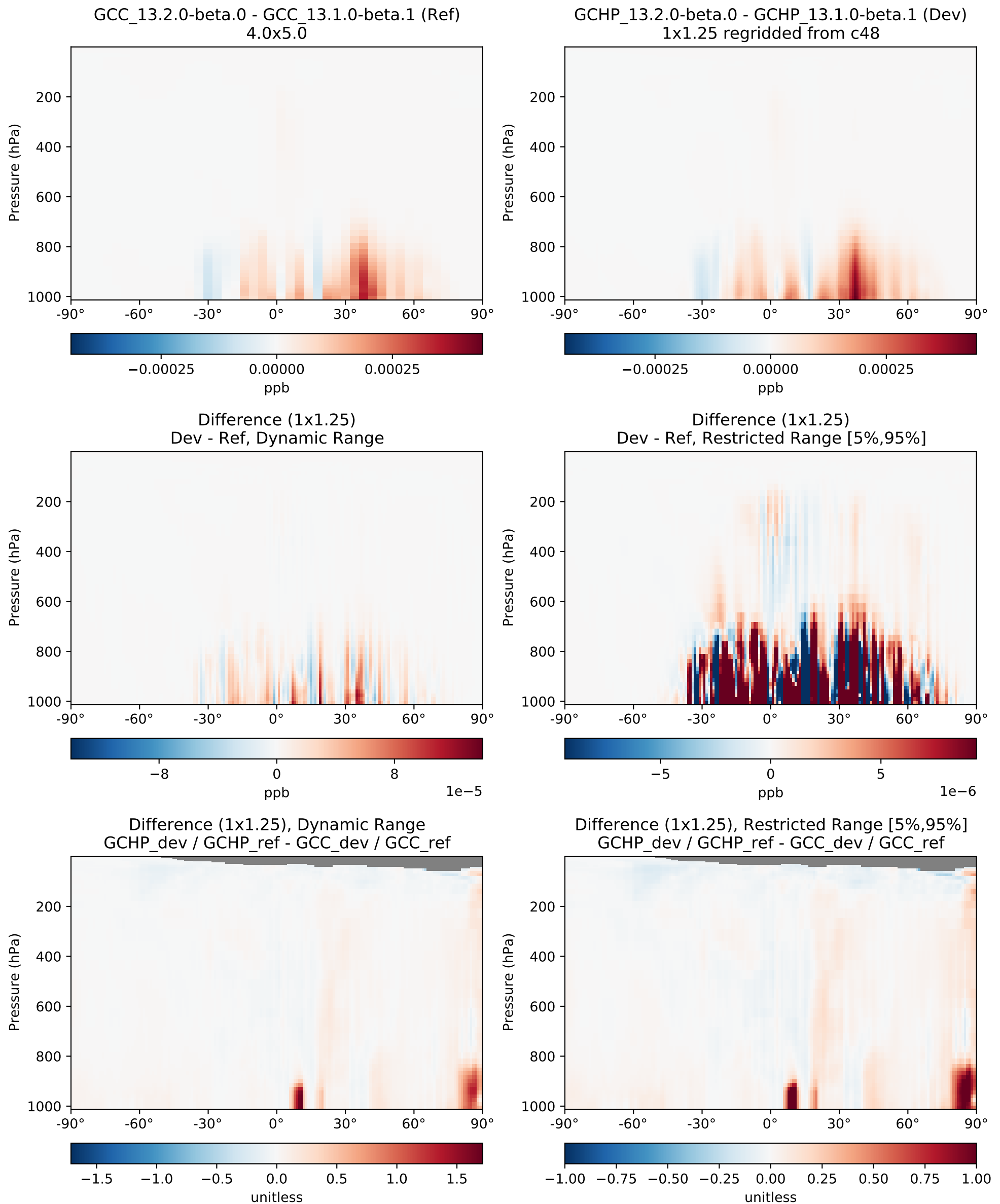
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



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

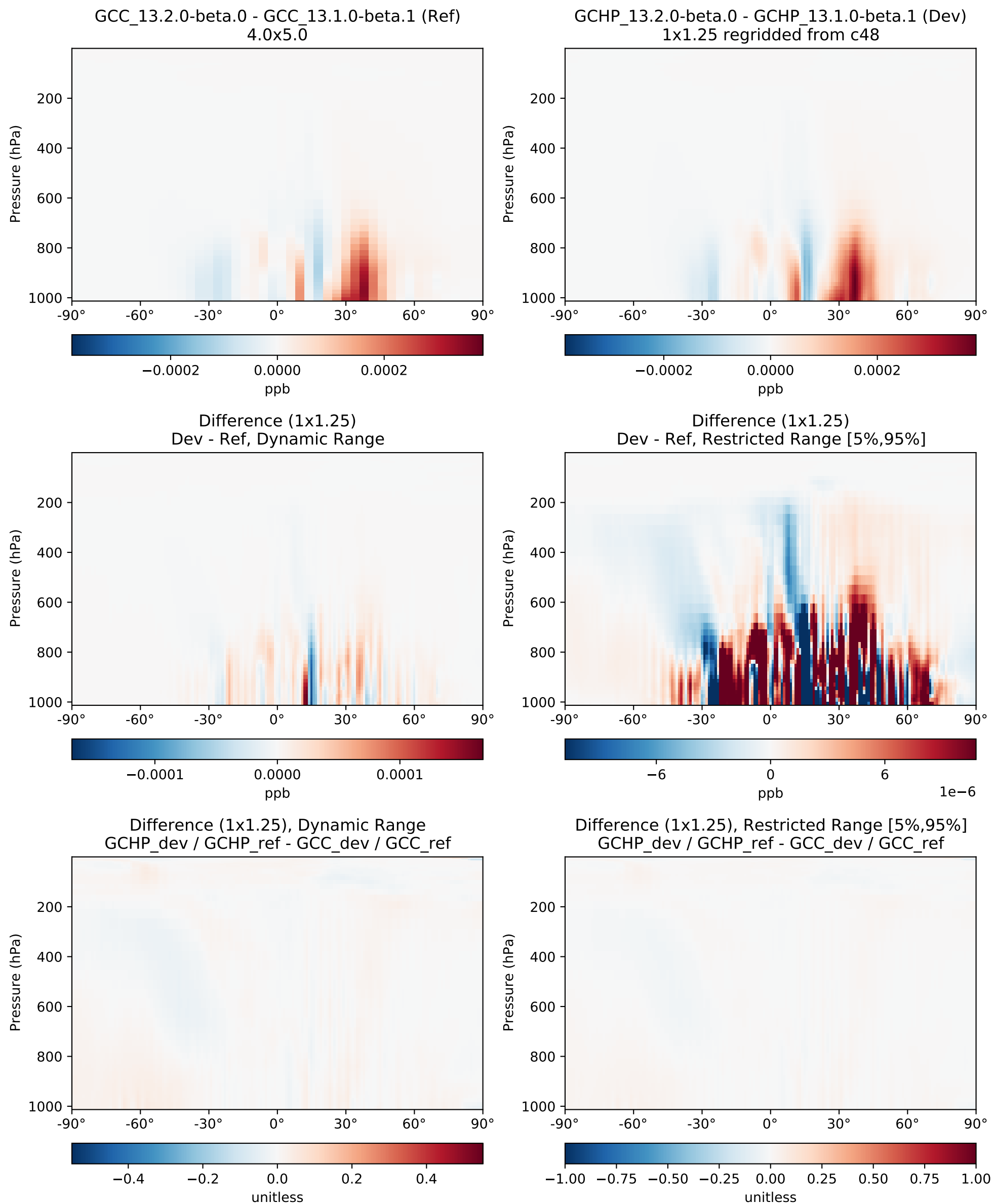


# SpeciesConc\_ISOPN, Zonal Mean

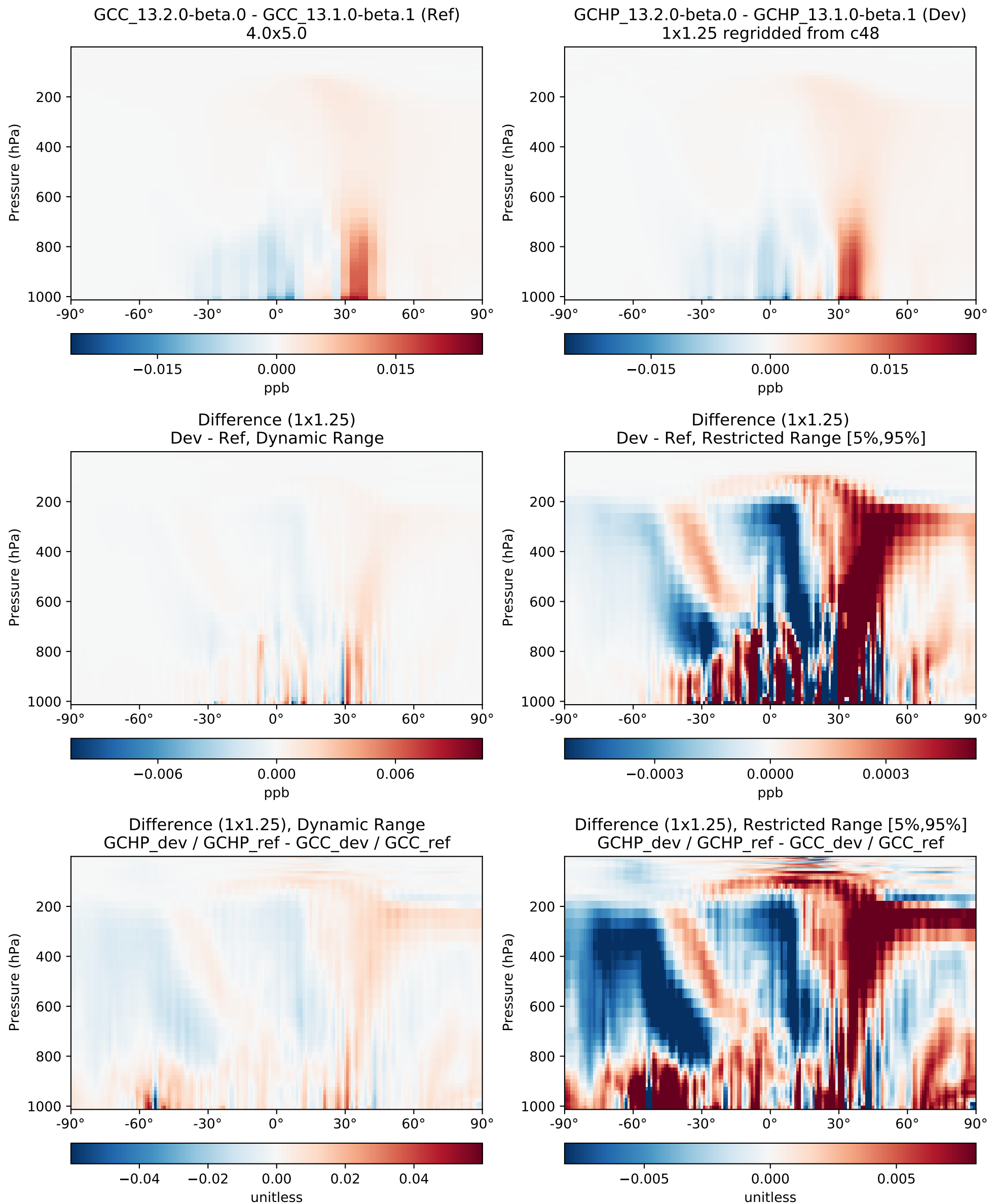




# SpeciesConc\_GLYX, Zonal Mean



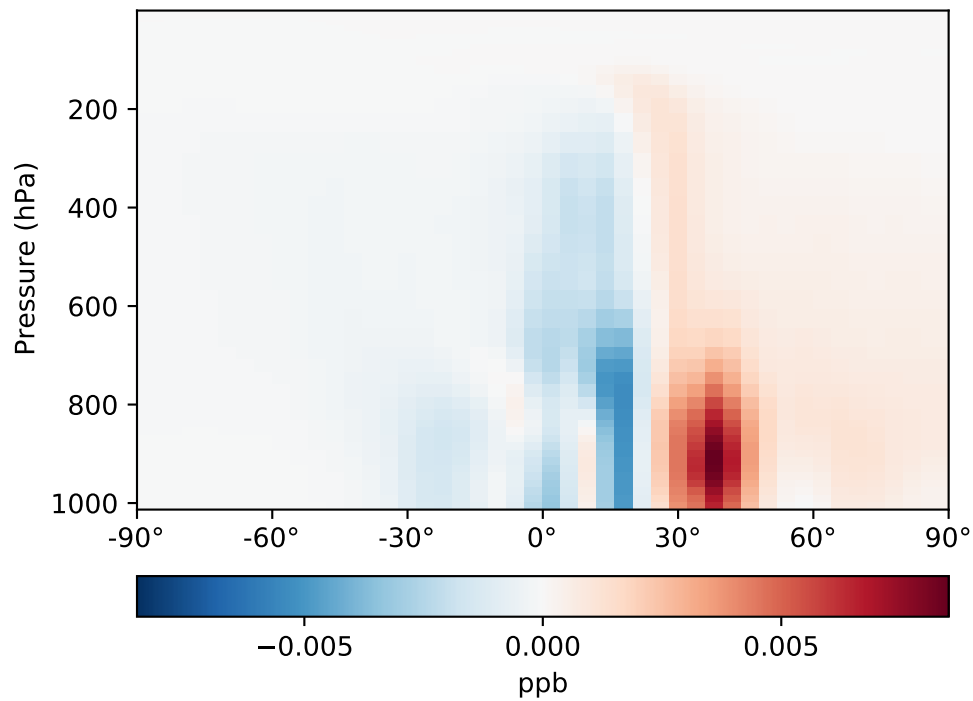
# SpeciesConc\_HCOOH, Zonal Mean



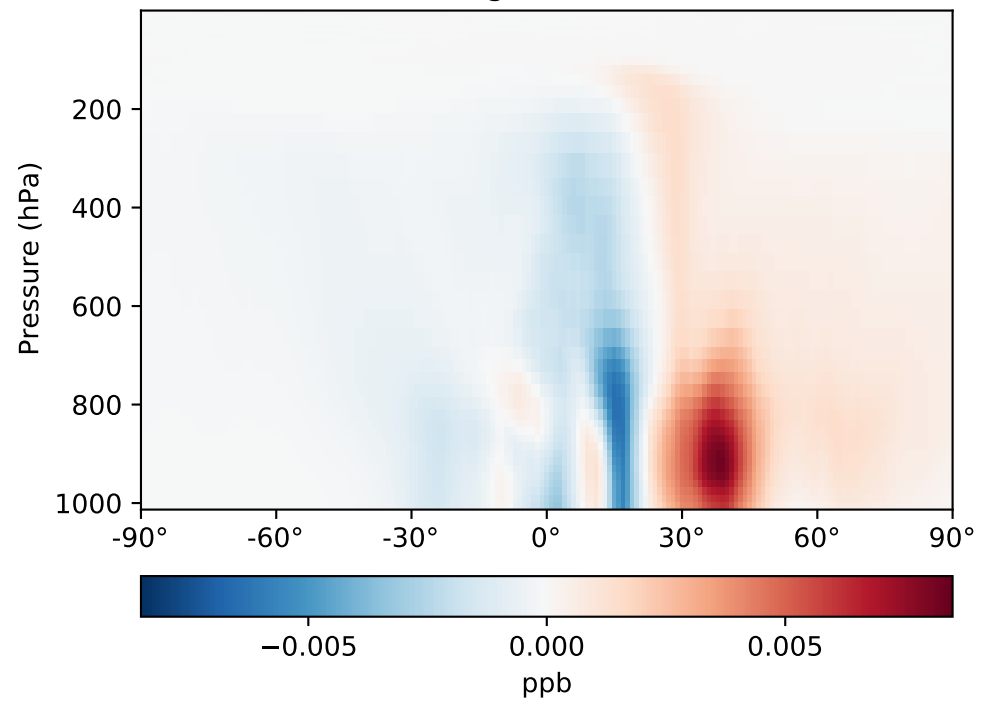


# SpeciesConc\_MAP, Zonal Mean

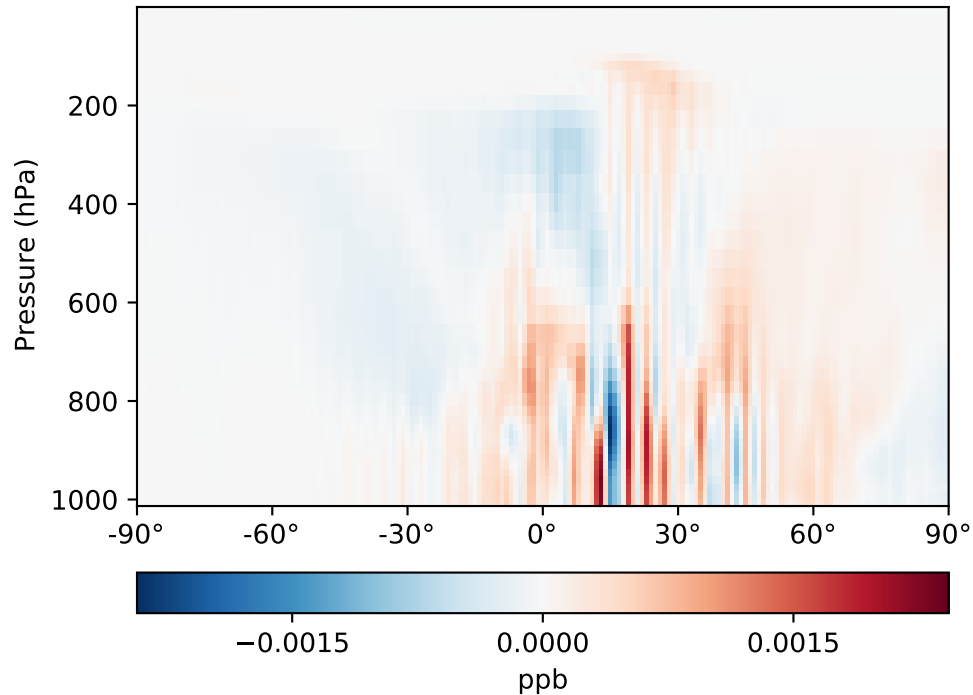
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



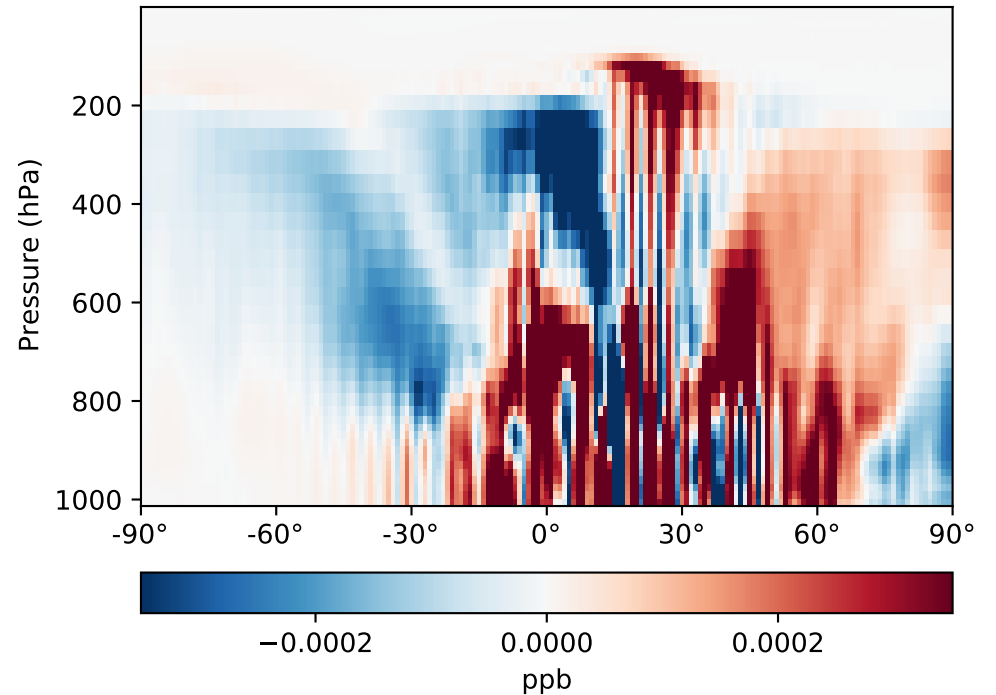
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



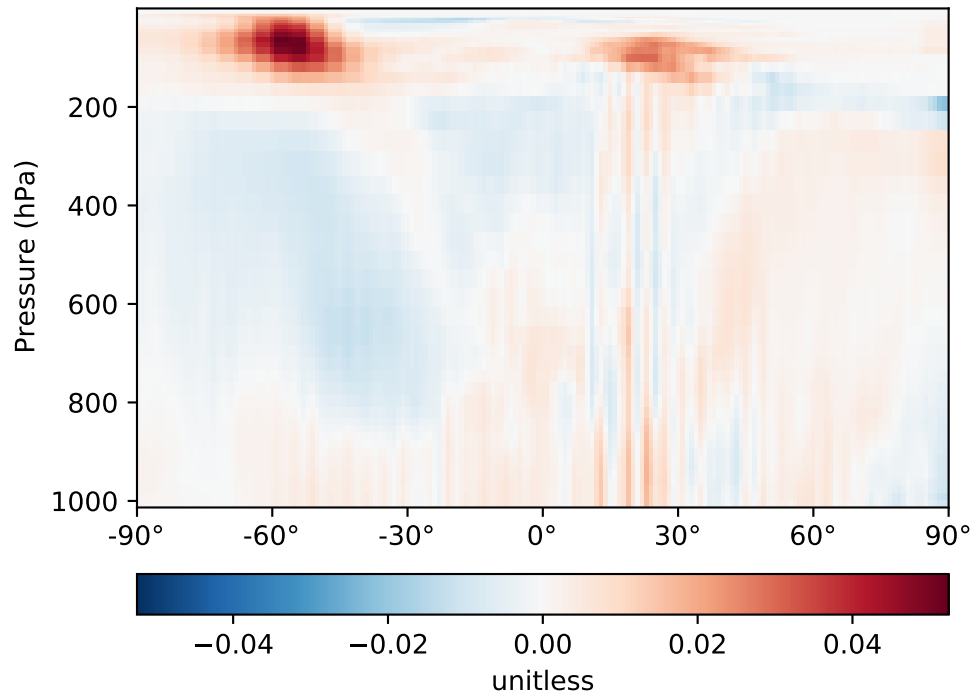
Difference (1x1.25)  
Dev - Ref, Dynamic Range



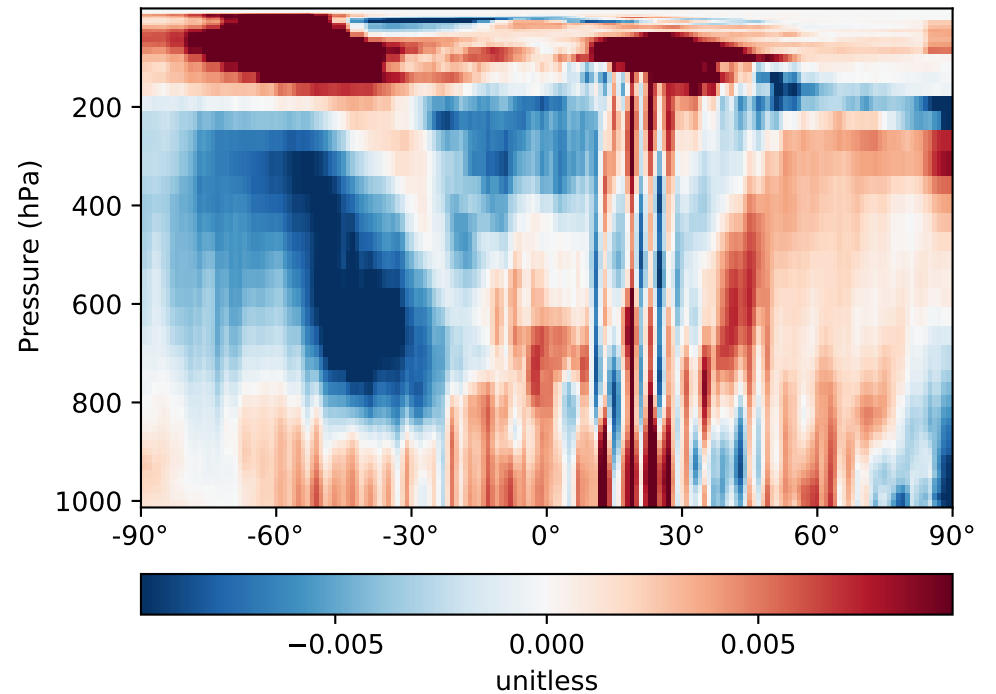
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

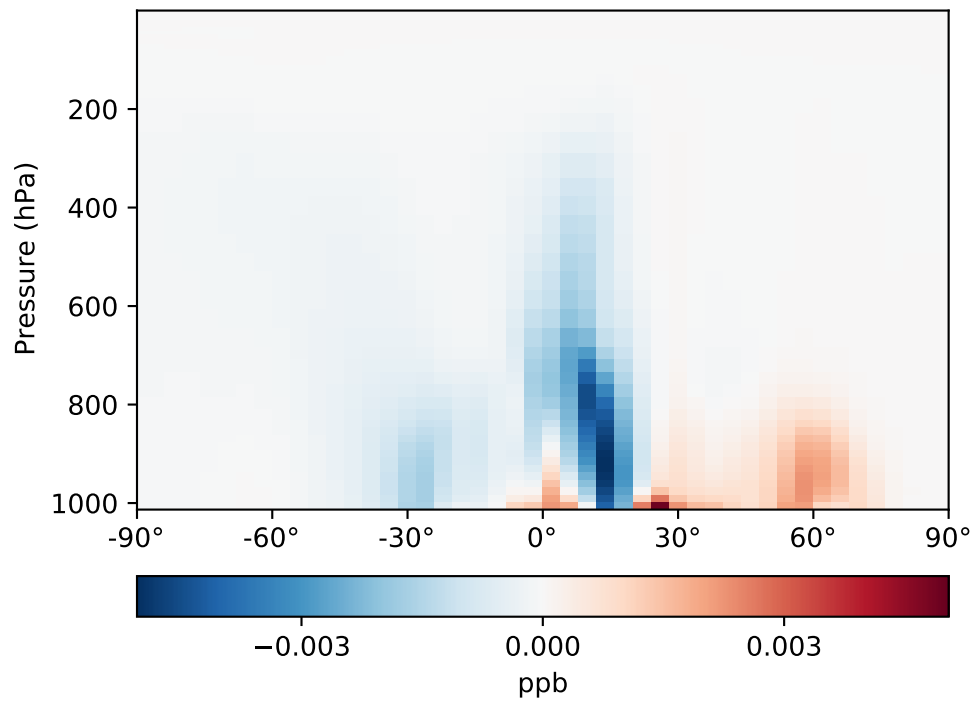


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

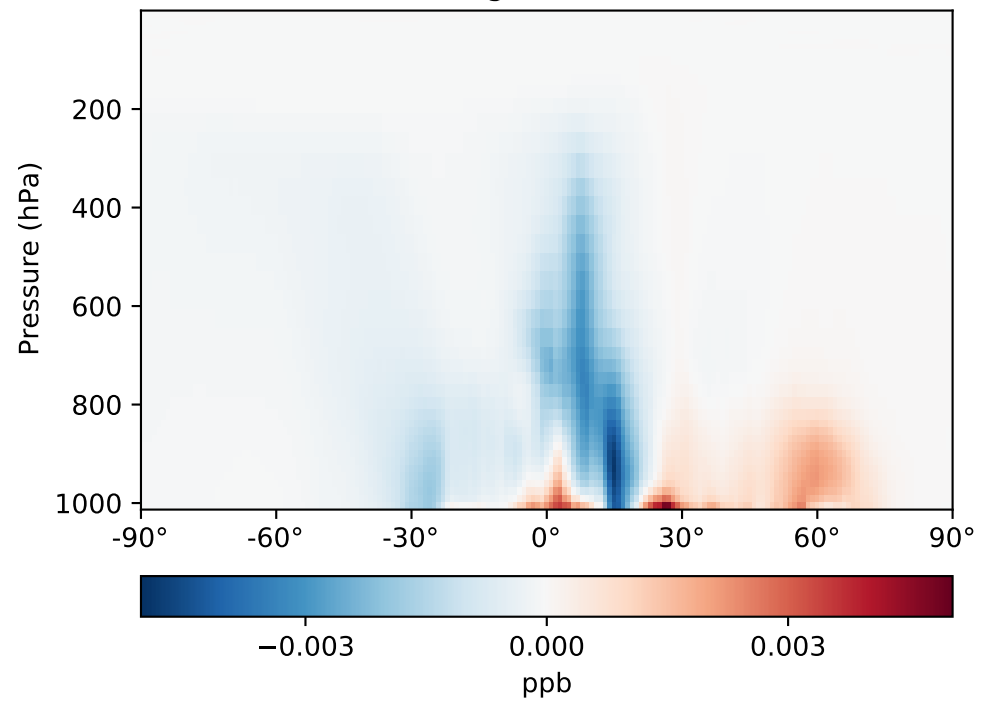


# SpeciesConc\_RCHO, Zonal Mean

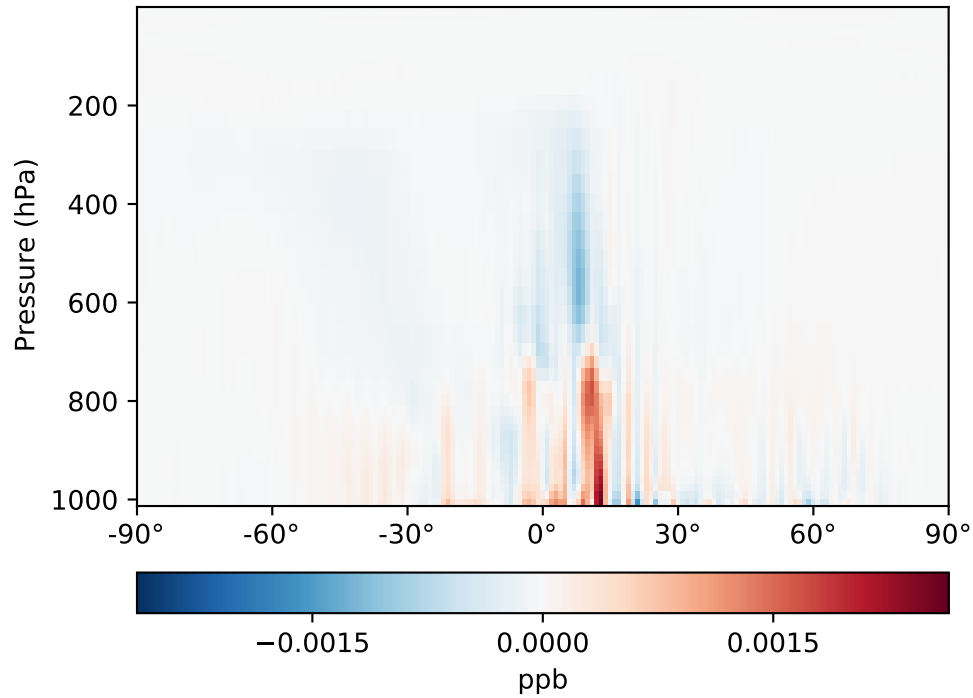
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



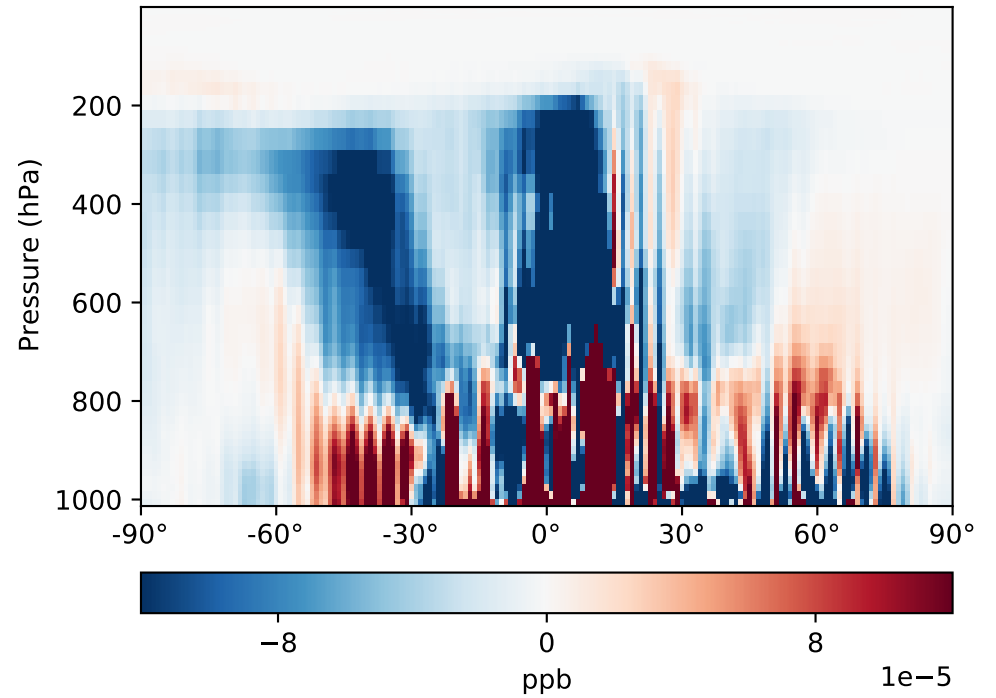
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



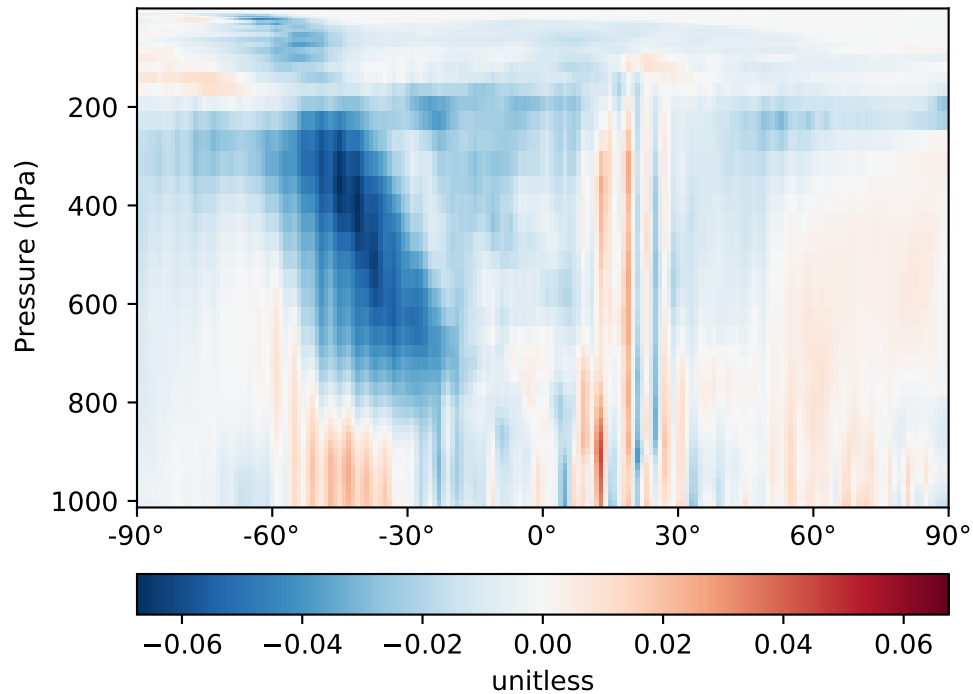
Difference (1x1.25)  
Dev - Ref, Dynamic Range



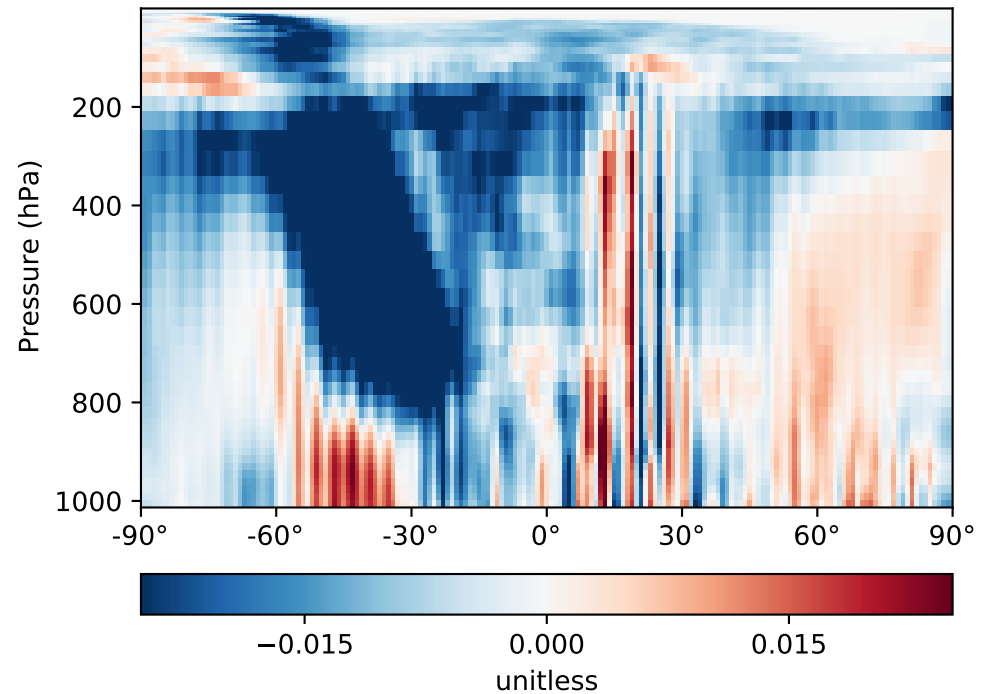
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

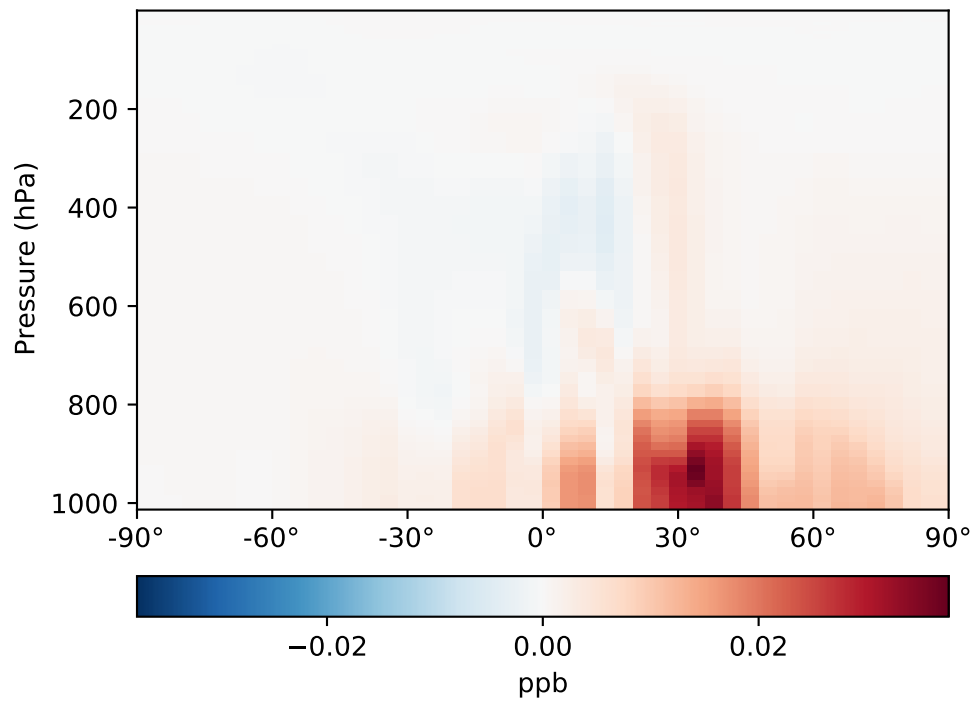


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

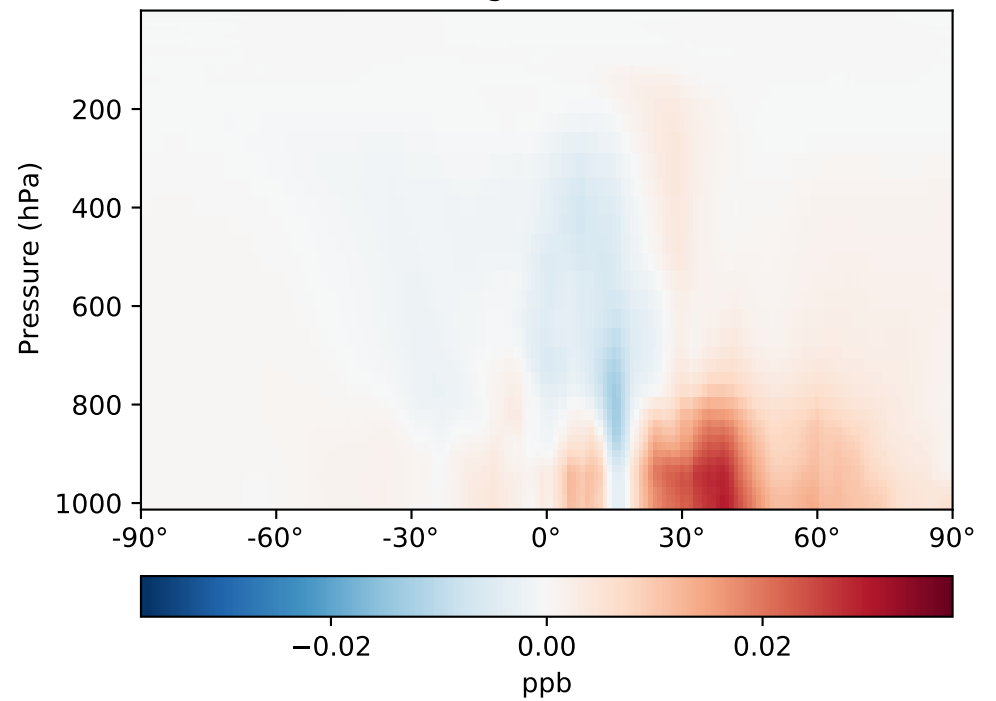


# SpeciesConc\_MP, Zonal Mean

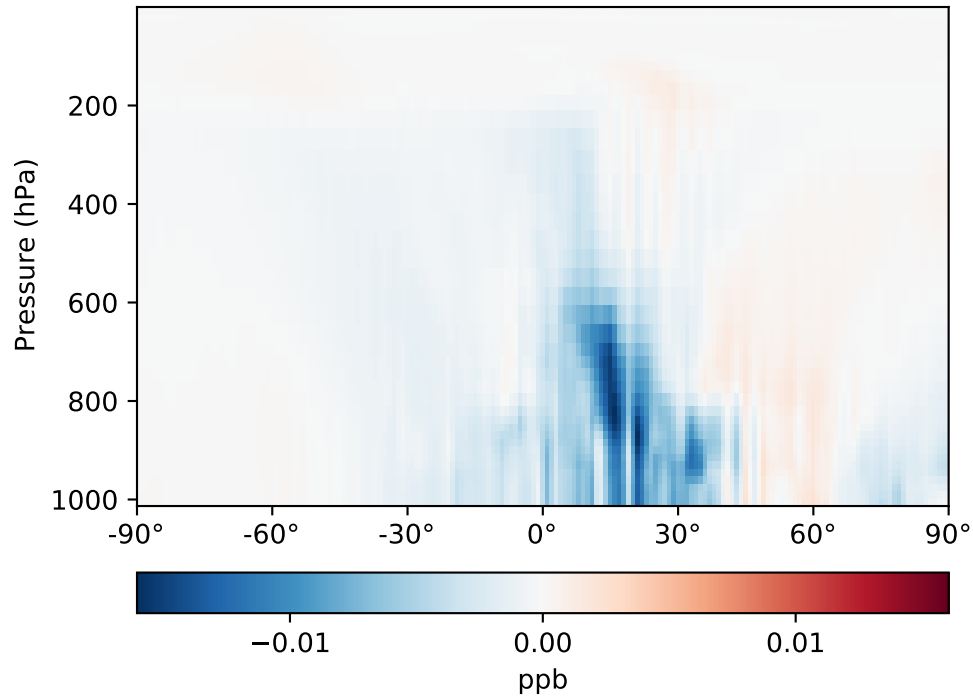
GCC\_13.2.0-beta.0 - GCC\_13.1.0-beta.1 (Ref)  
4.0x5.0



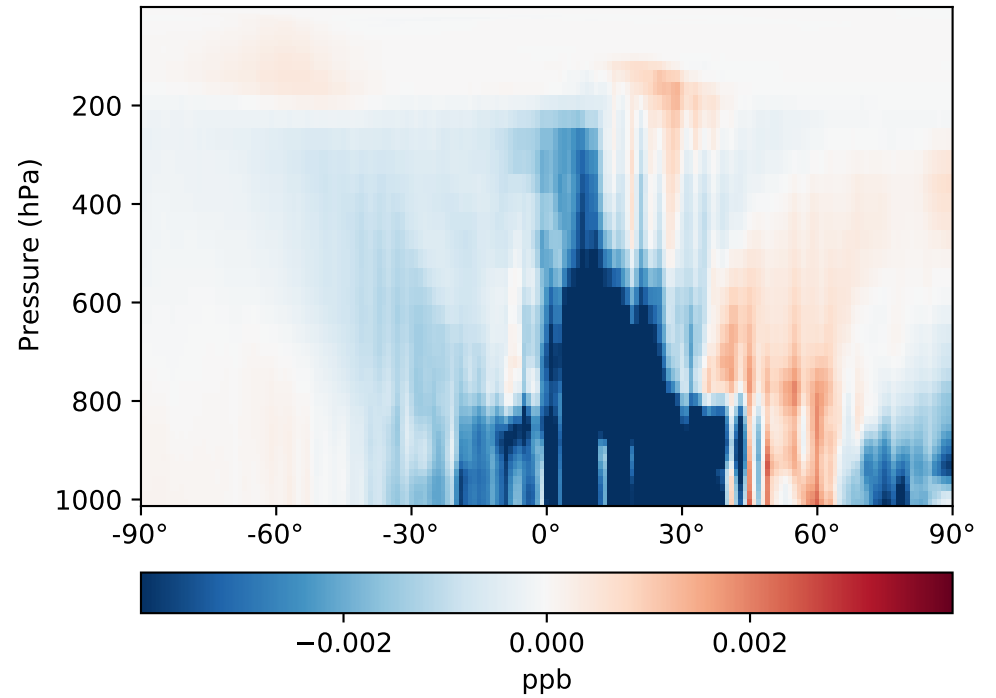
GCHP\_13.2.0-beta.0 - GCHP\_13.1.0-beta.1 (Dev)  
1x1.25 regrided from c48



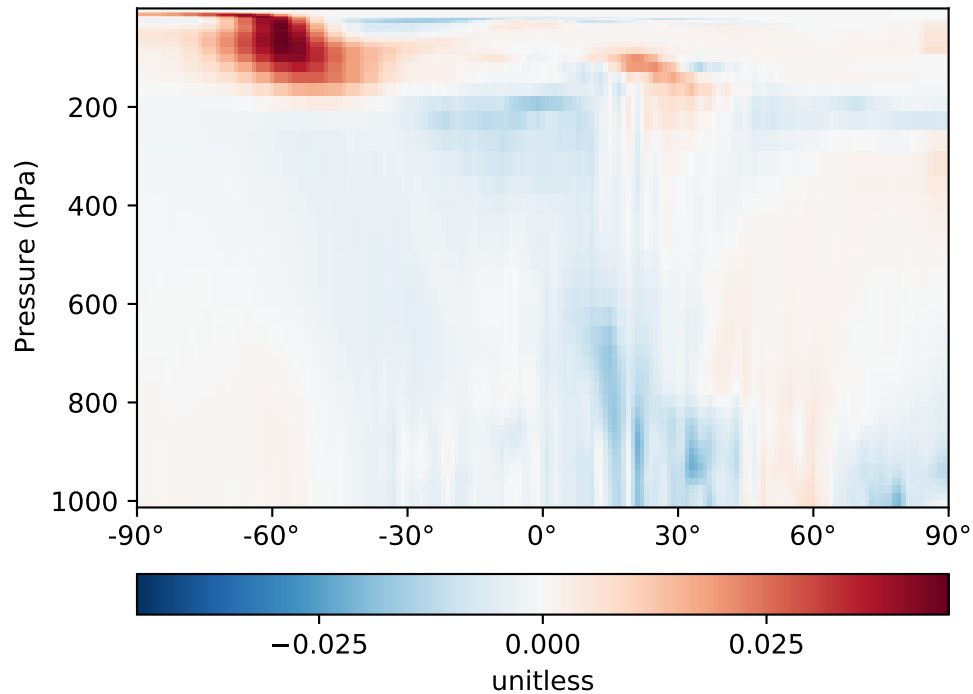
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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

