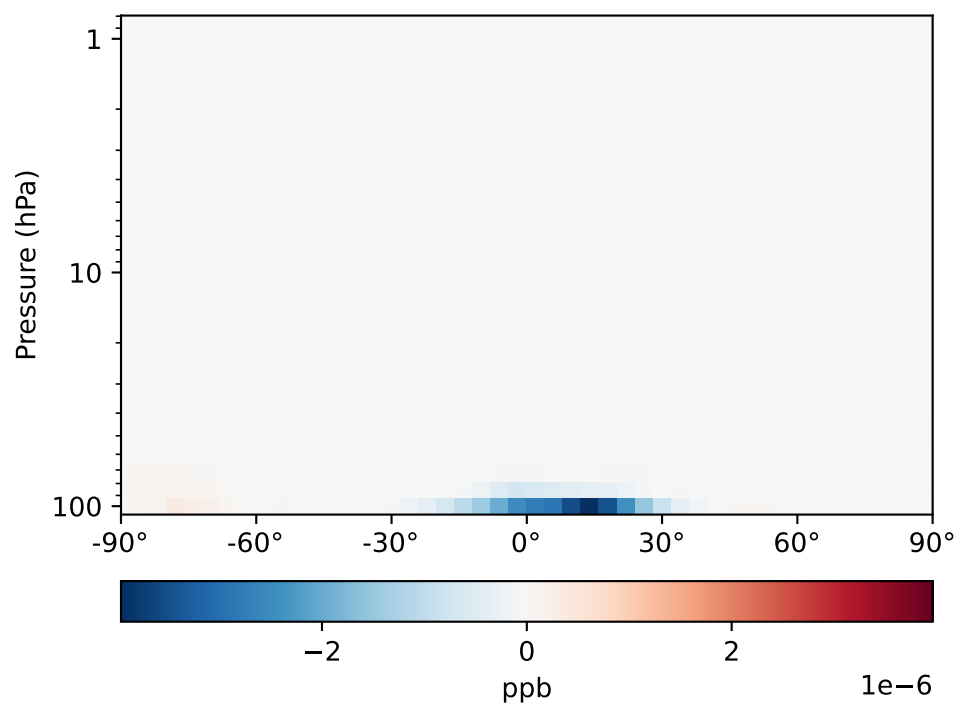
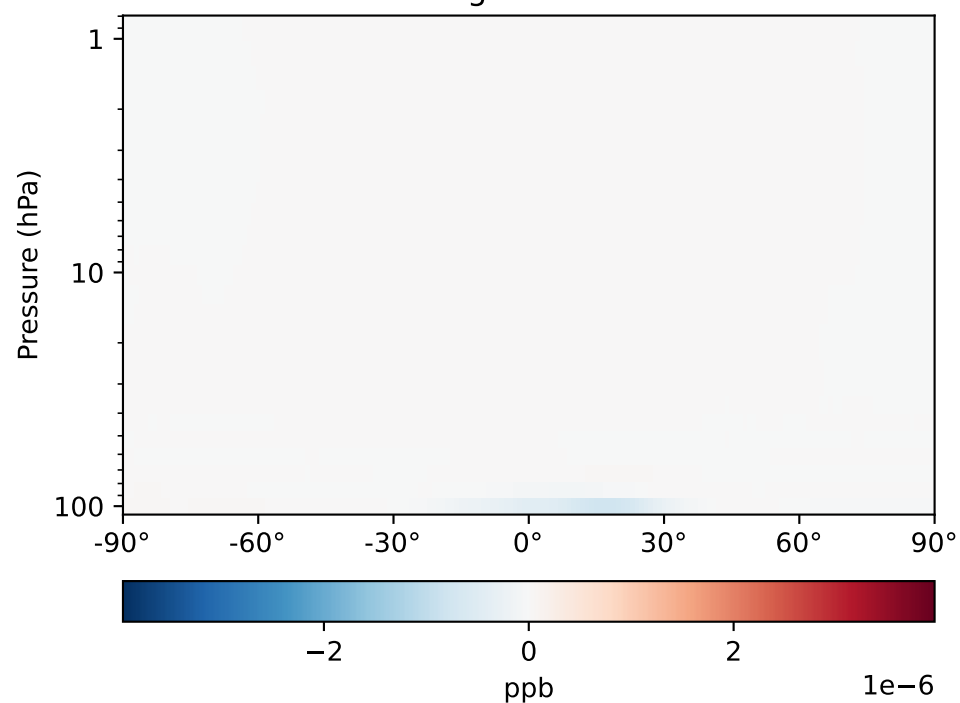


SpeciesConc_TSOA0, Zonal Mean

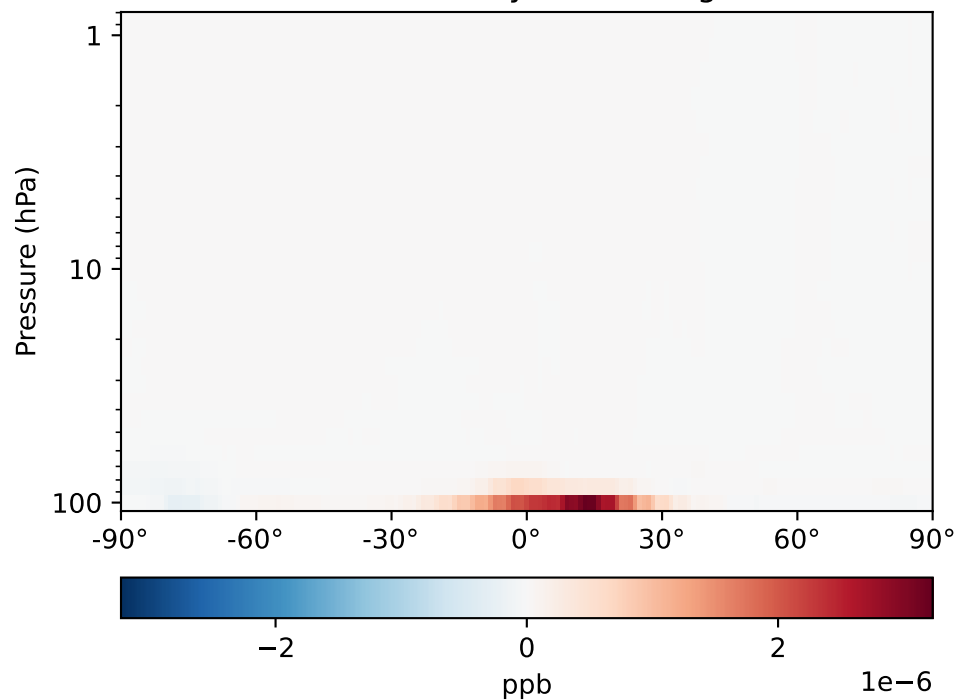
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



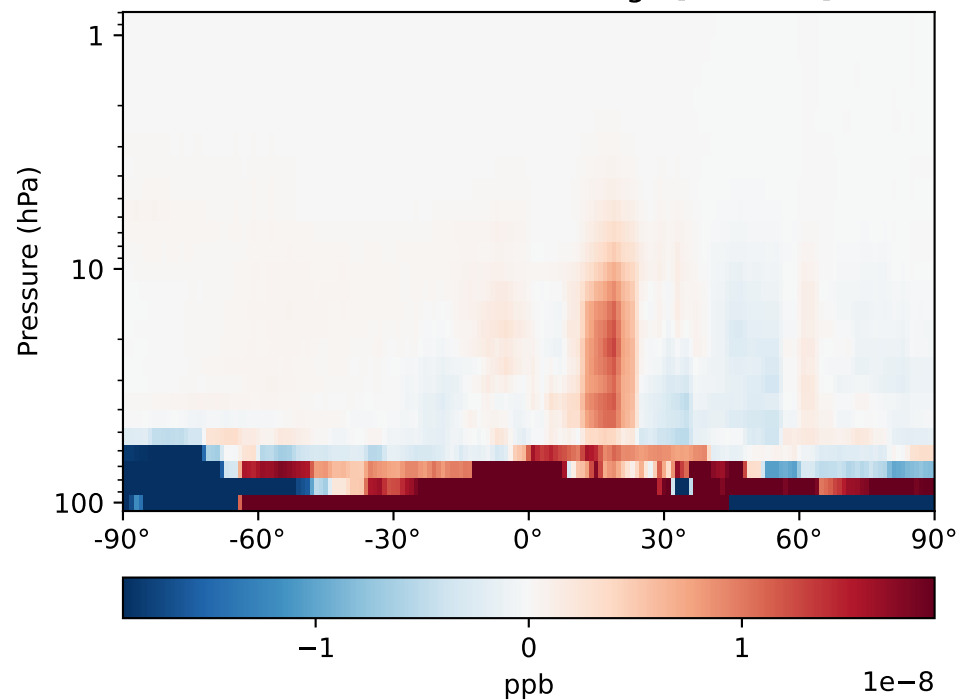
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



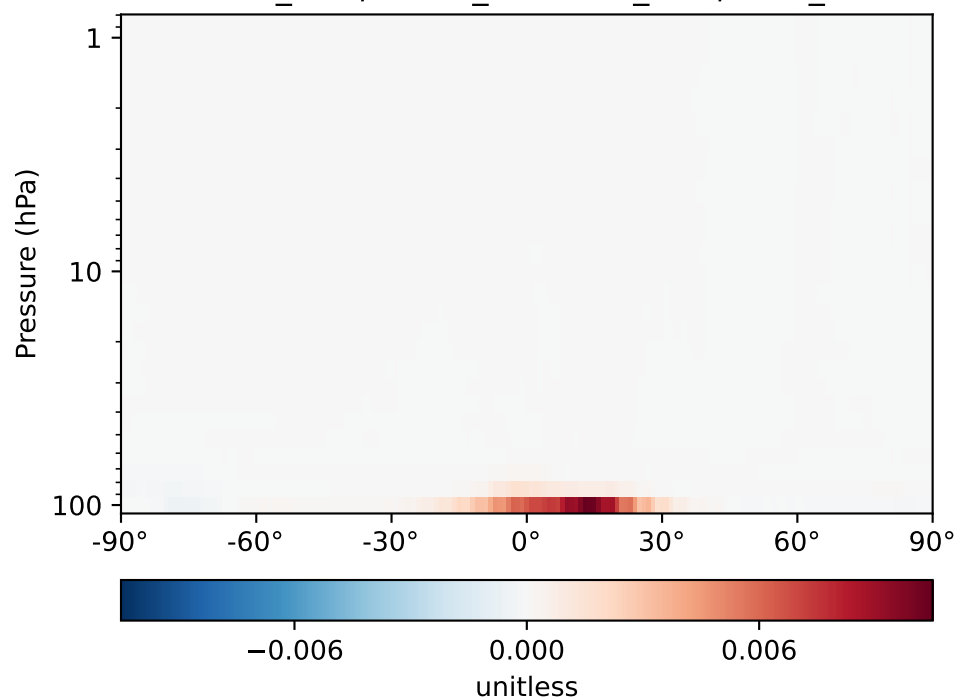
Difference (1x1.25)
Dev - Ref, Dynamic Range



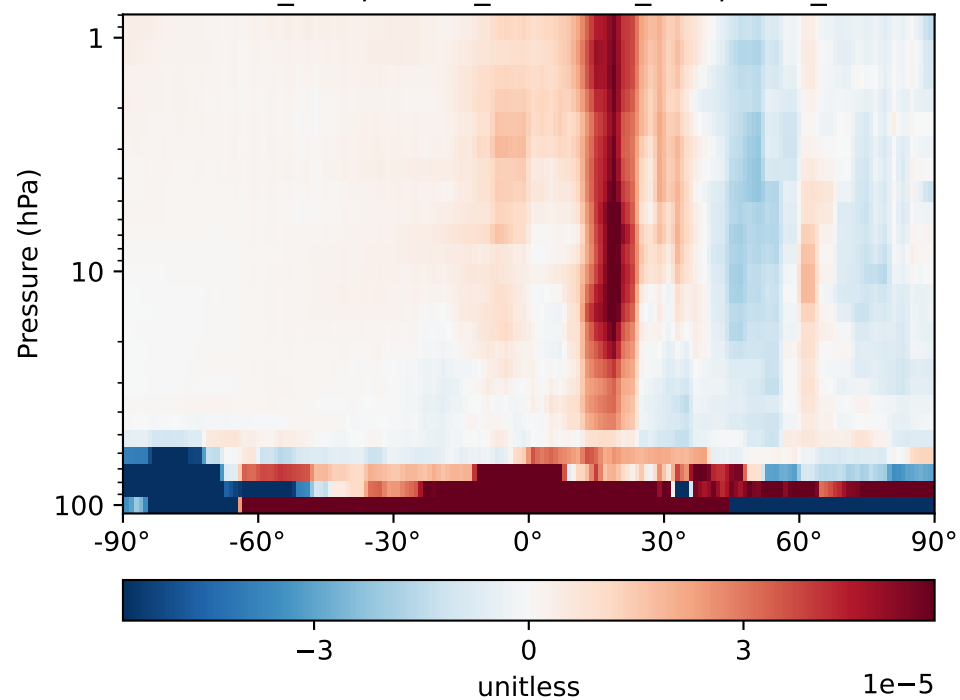
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

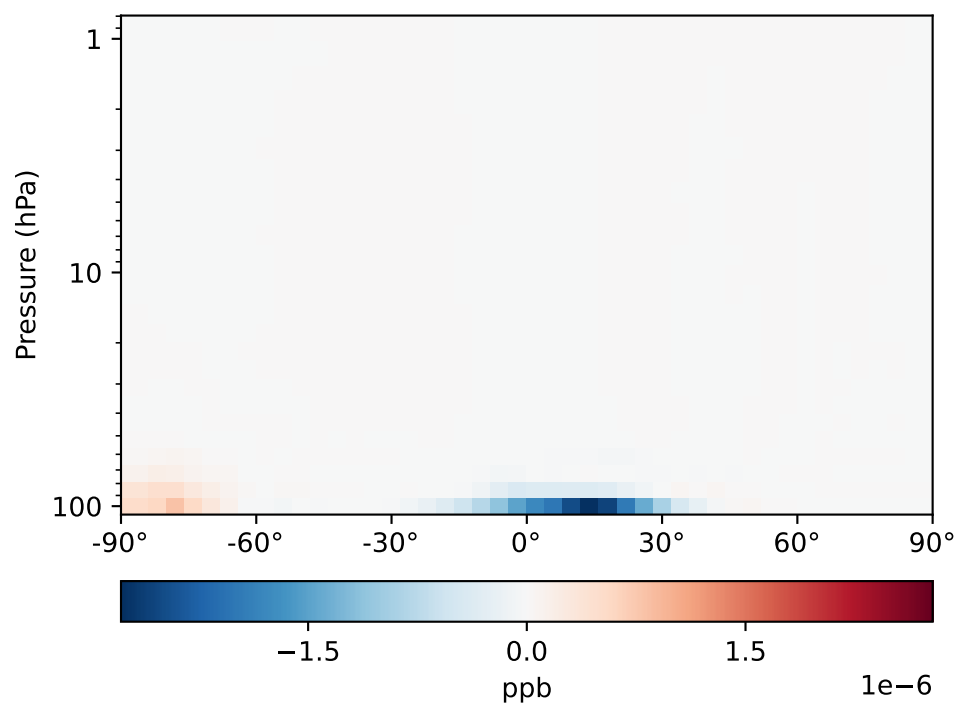


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

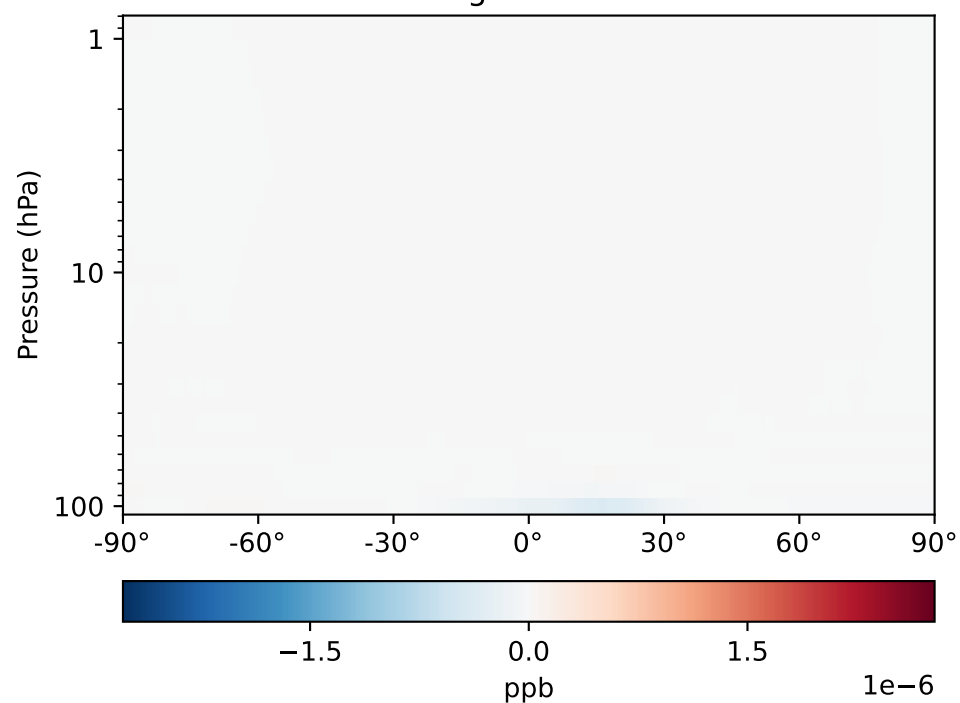


SpeciesConc_TSOA1, Zonal Mean

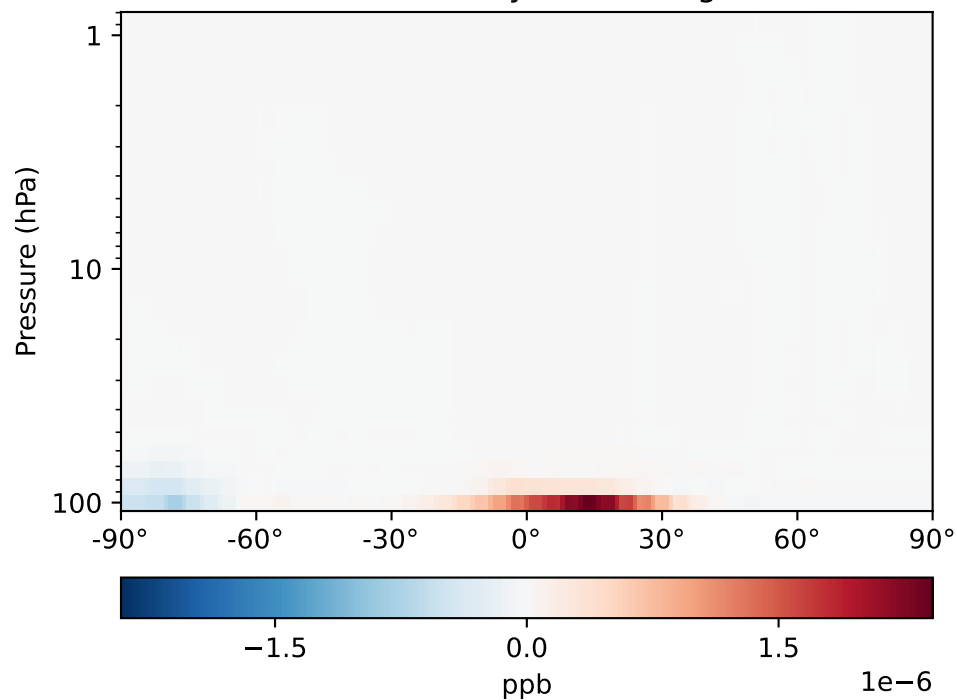
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



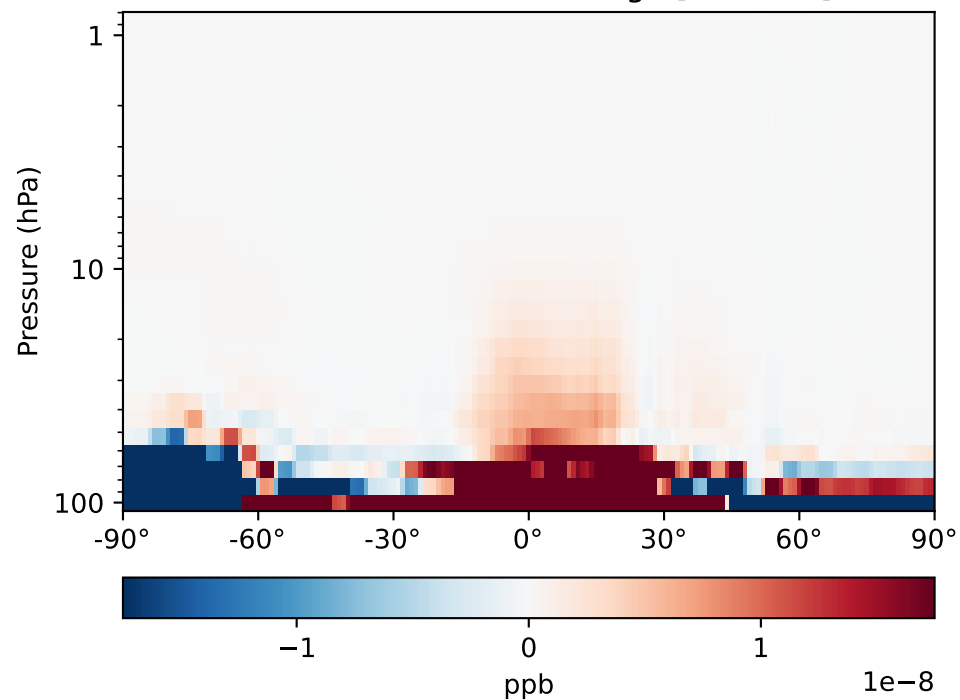
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



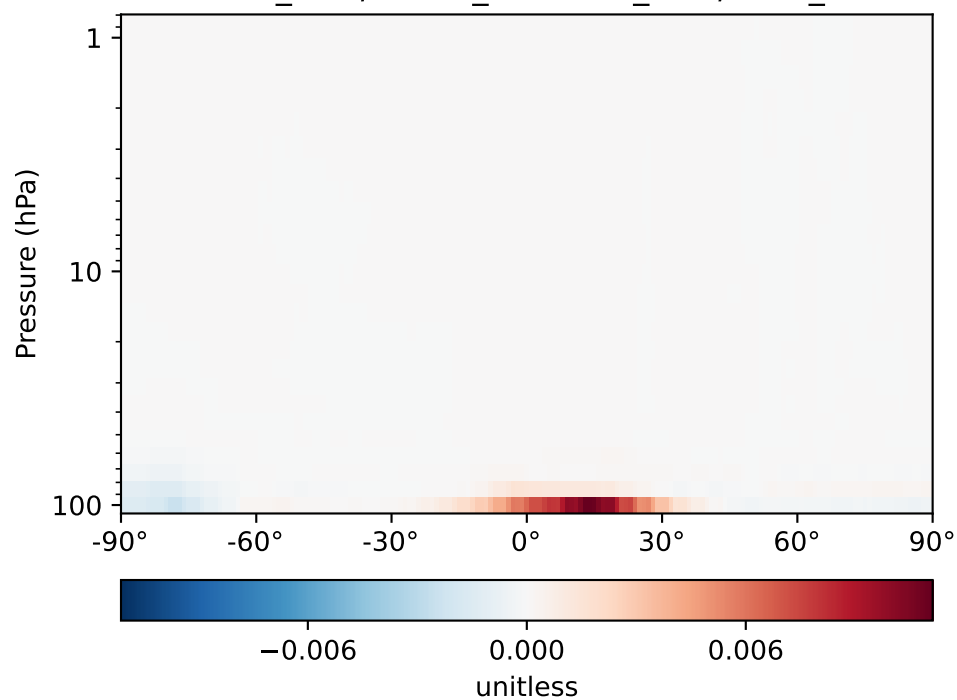
Difference (1x1.25)
Dev - Ref, Dynamic Range



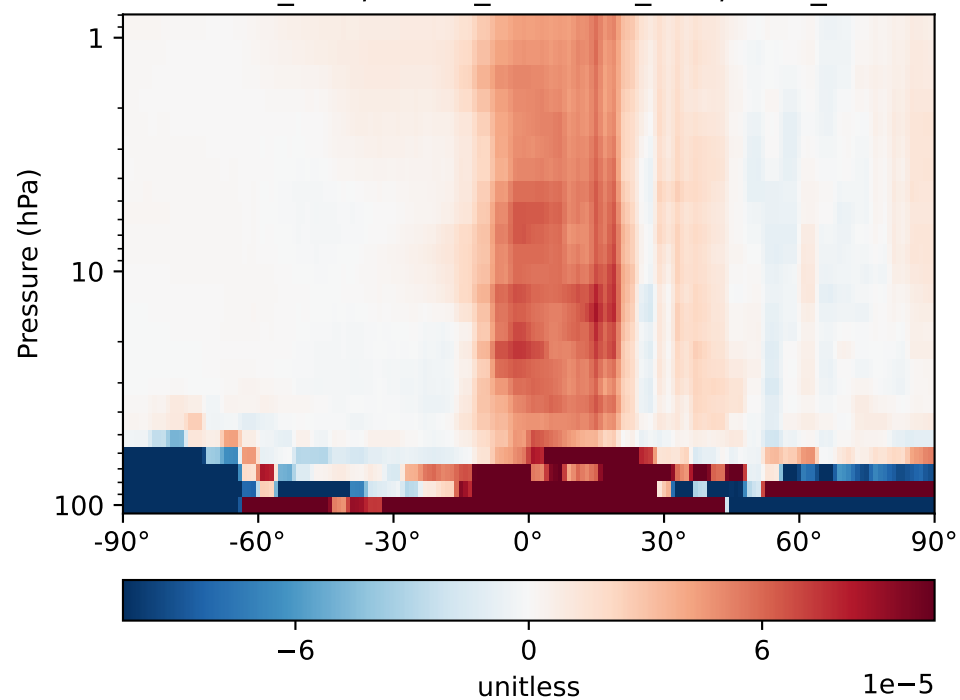
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

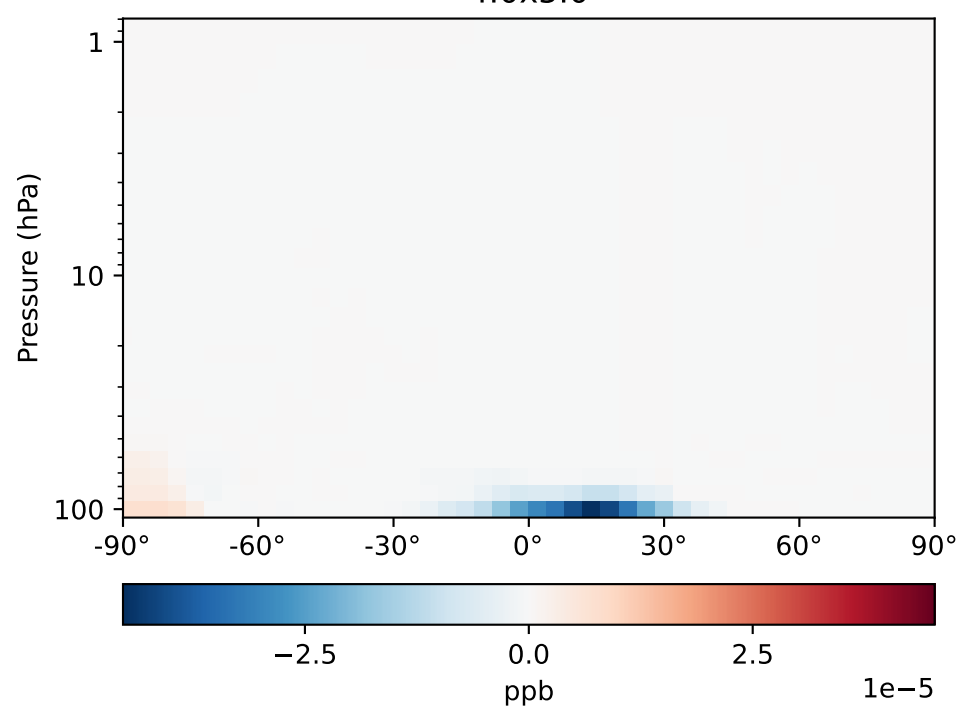


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

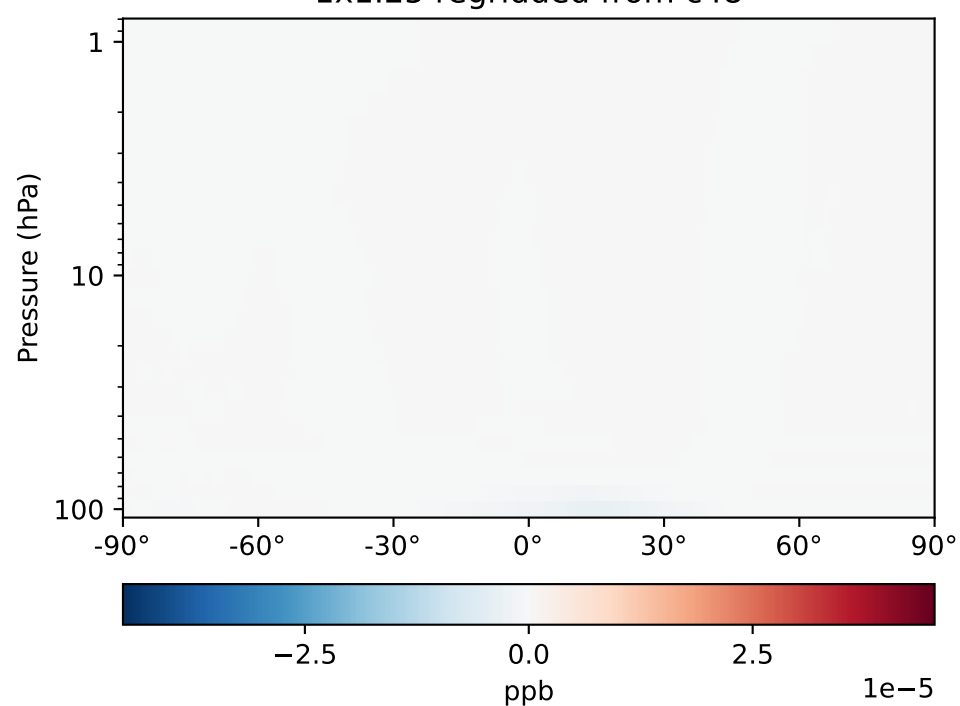


SpeciesConc_TSOA2, Zonal Mean

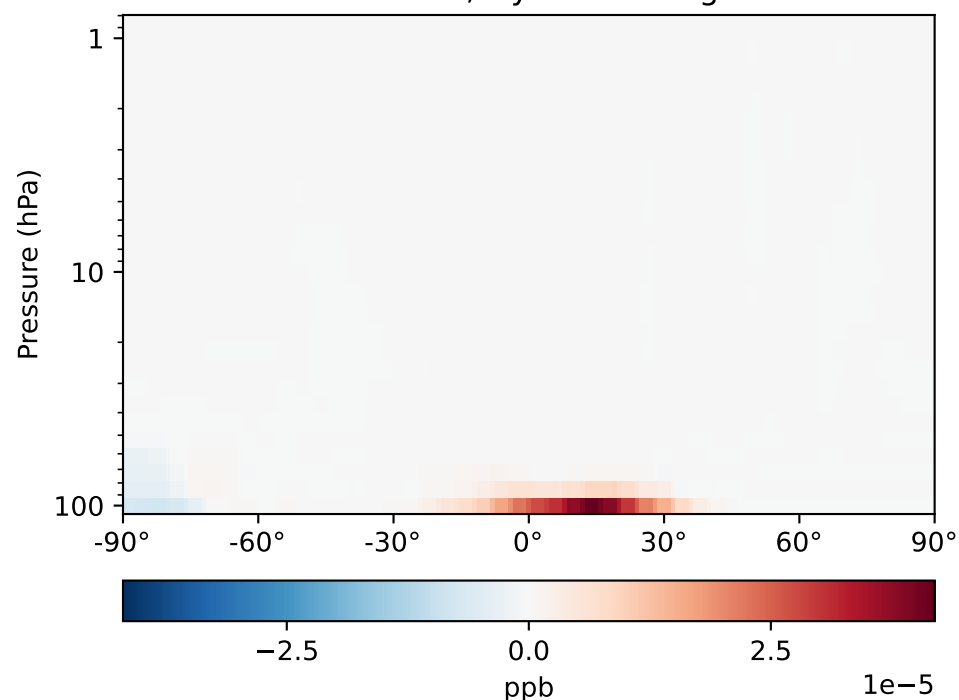
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



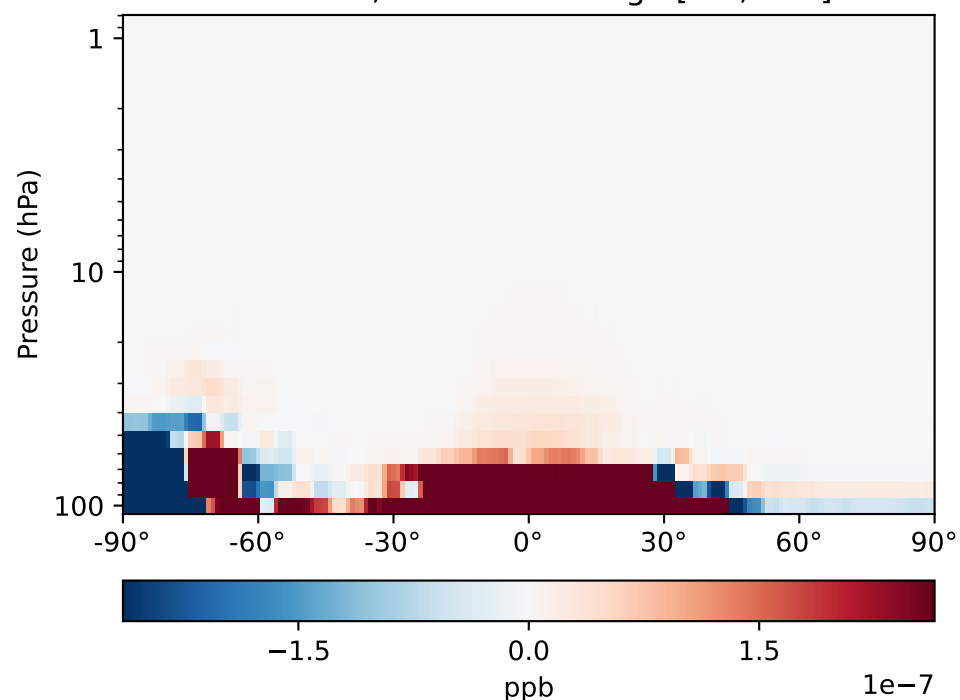
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



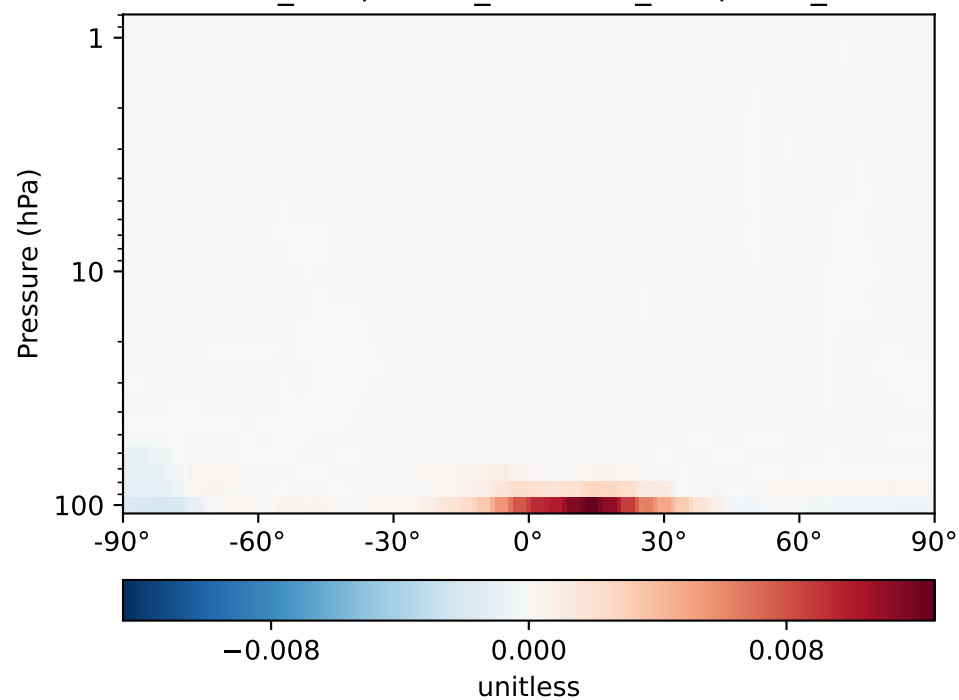
Difference (1x1.25)
Dev - Ref, Dynamic Range



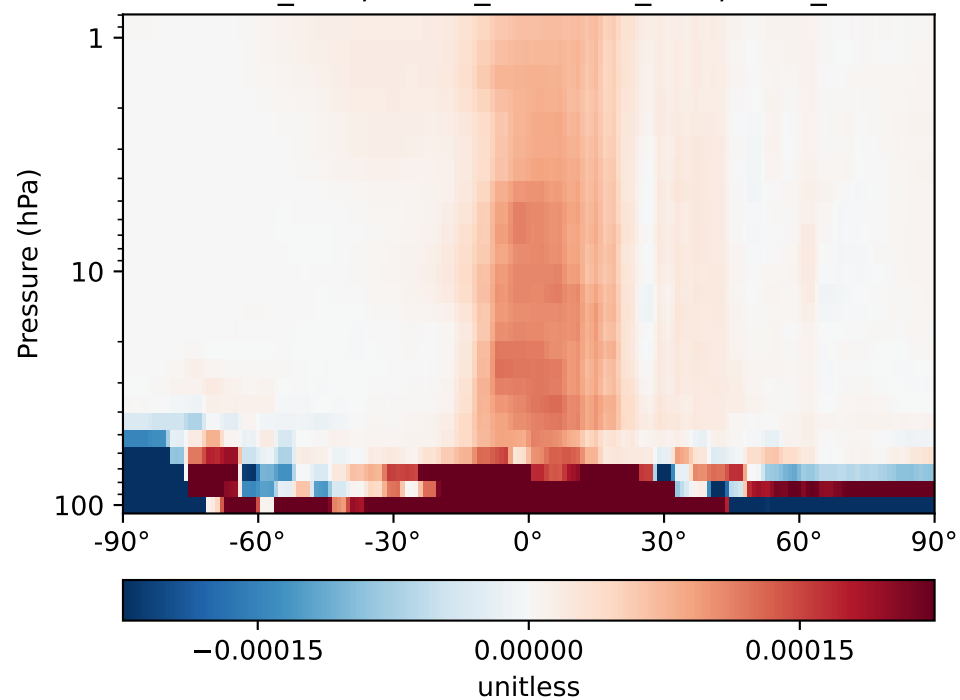
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

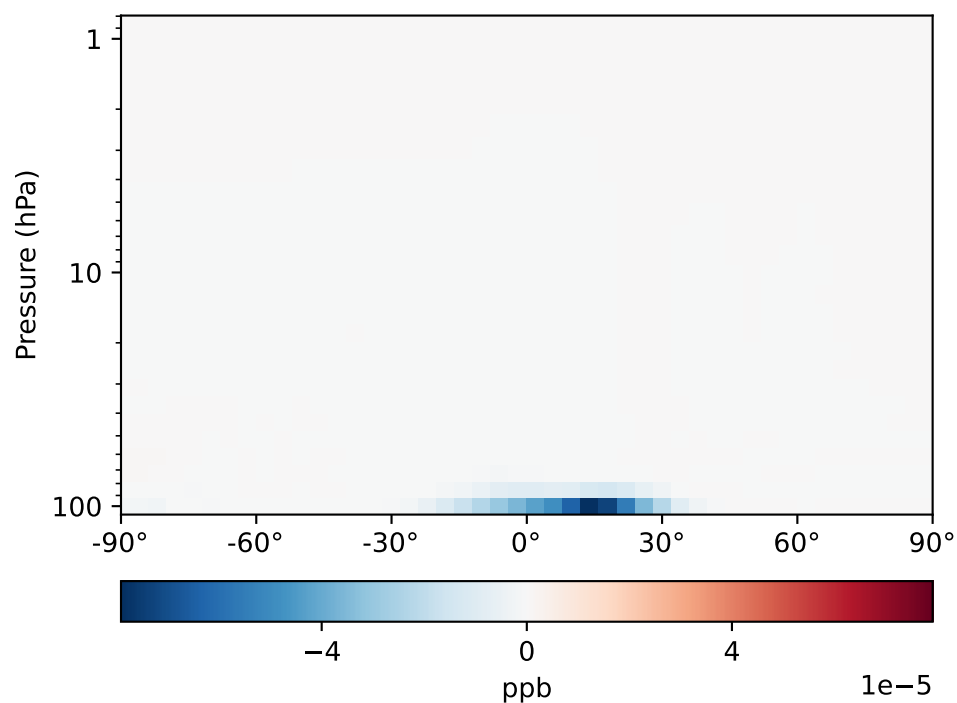


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

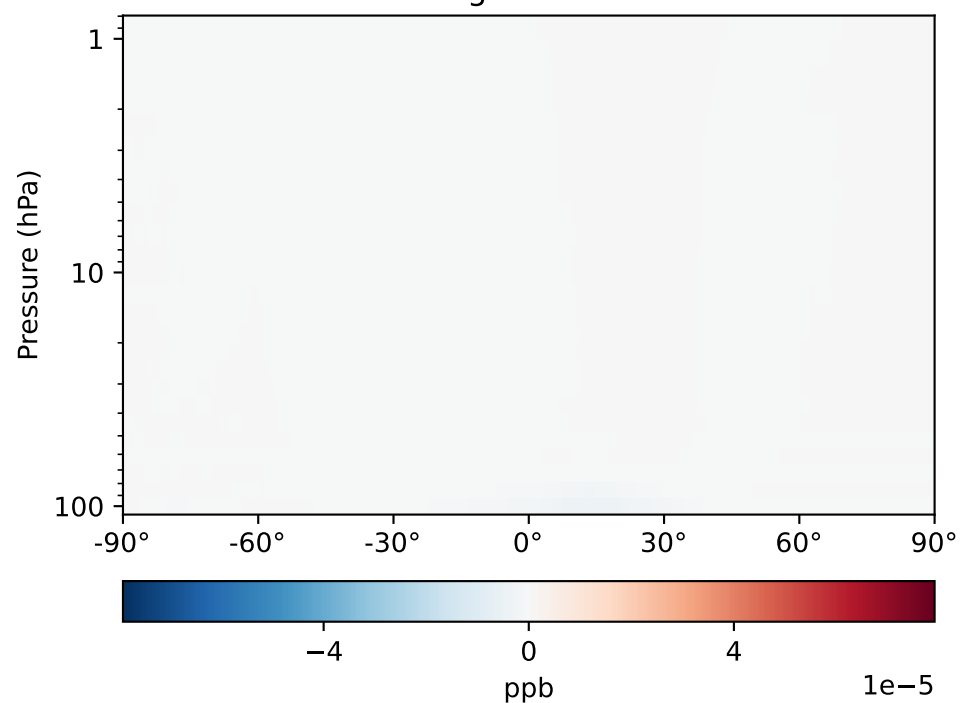


SpeciesConc_TSOA3, Zonal Mean

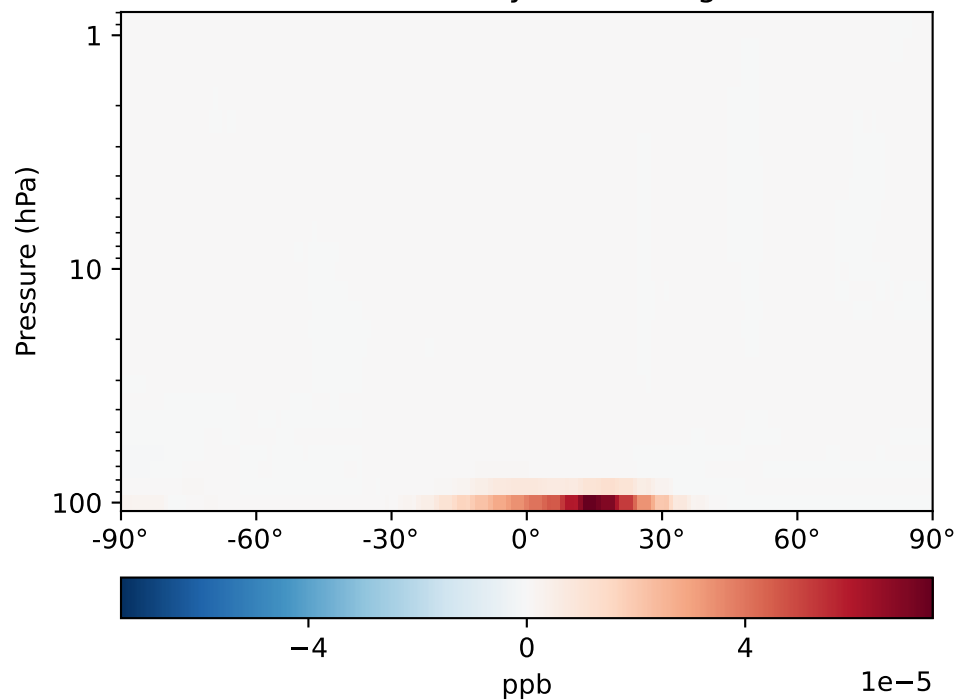
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



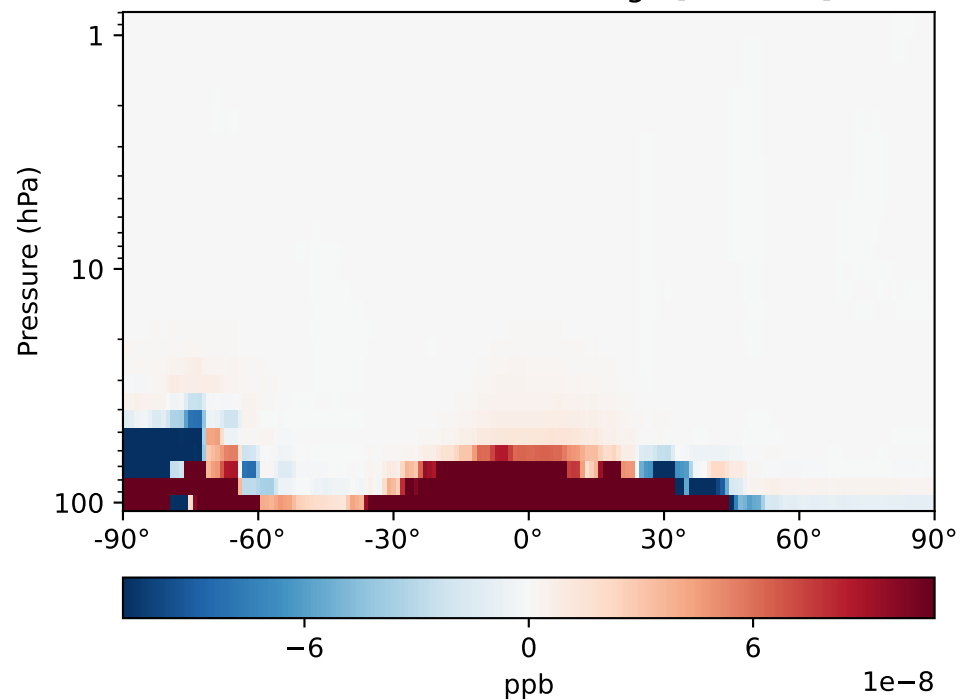
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



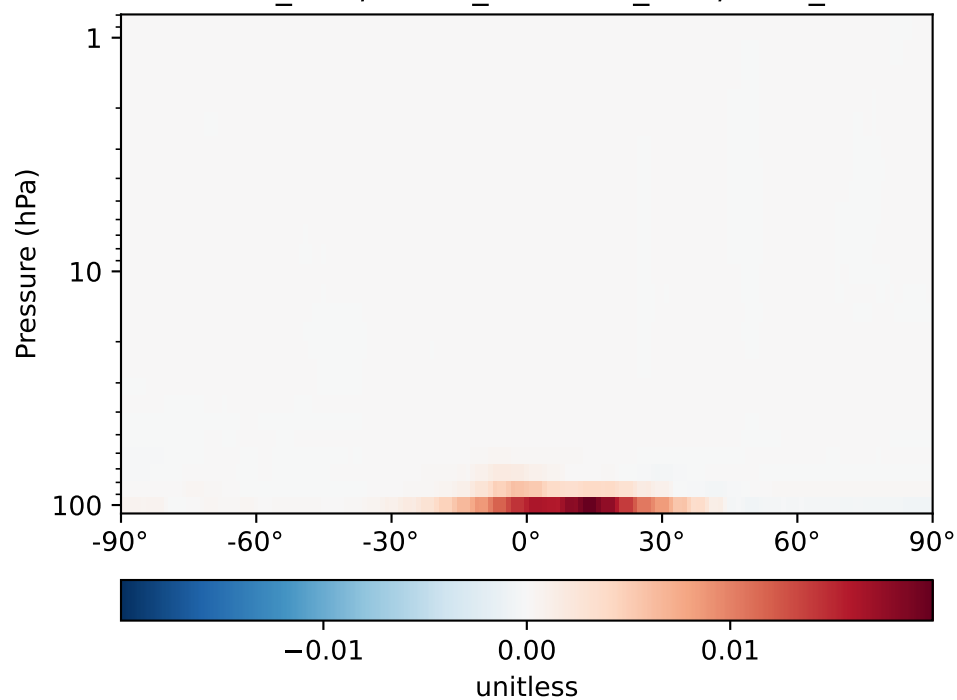
Difference (1x1.25)
Dev - Ref, Dynamic Range



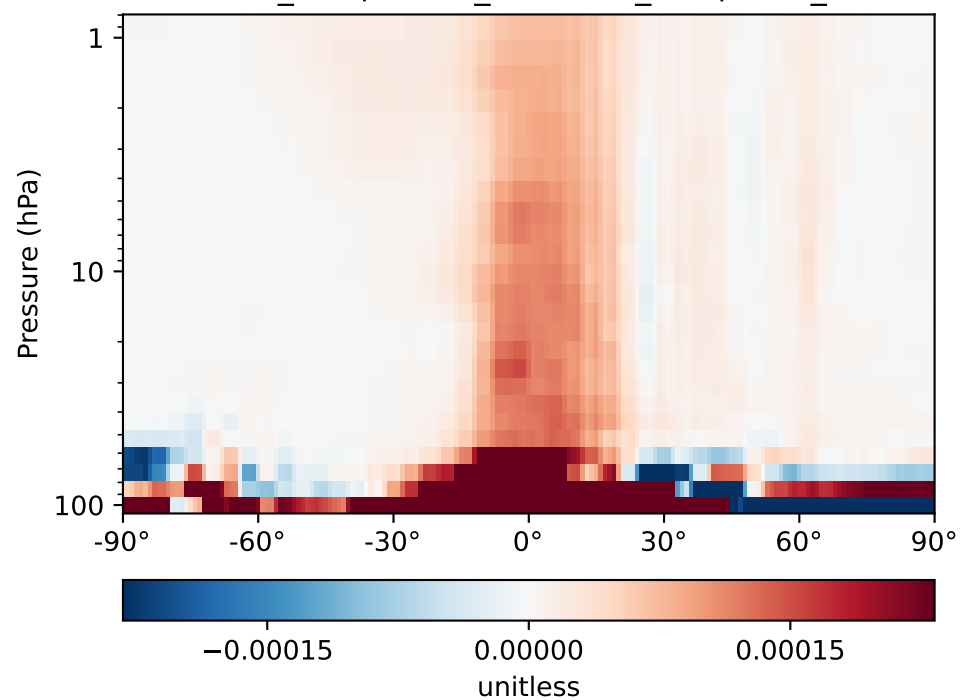
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

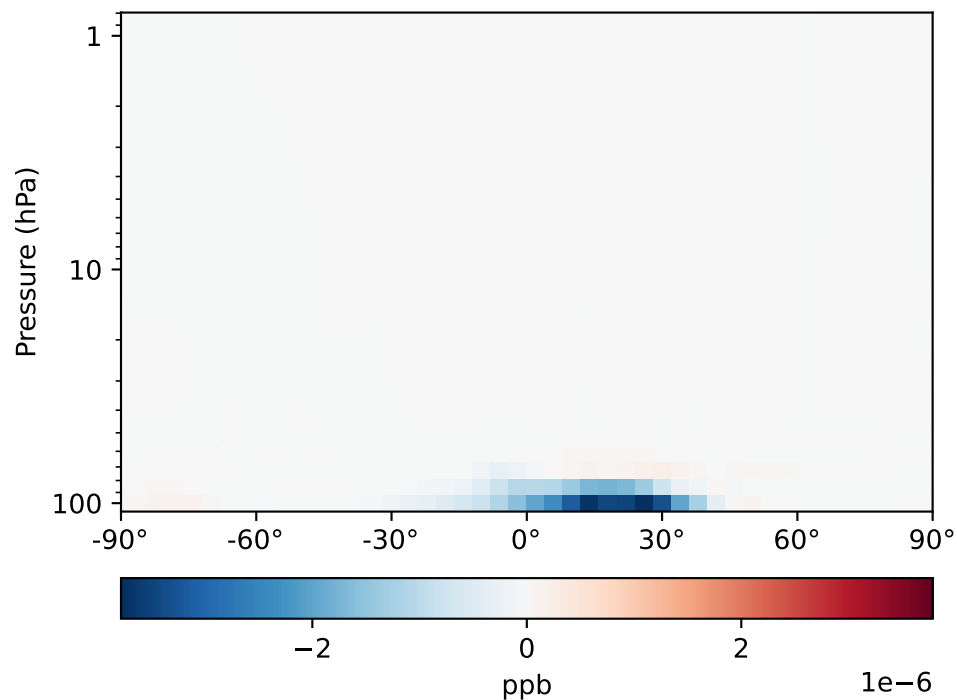


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

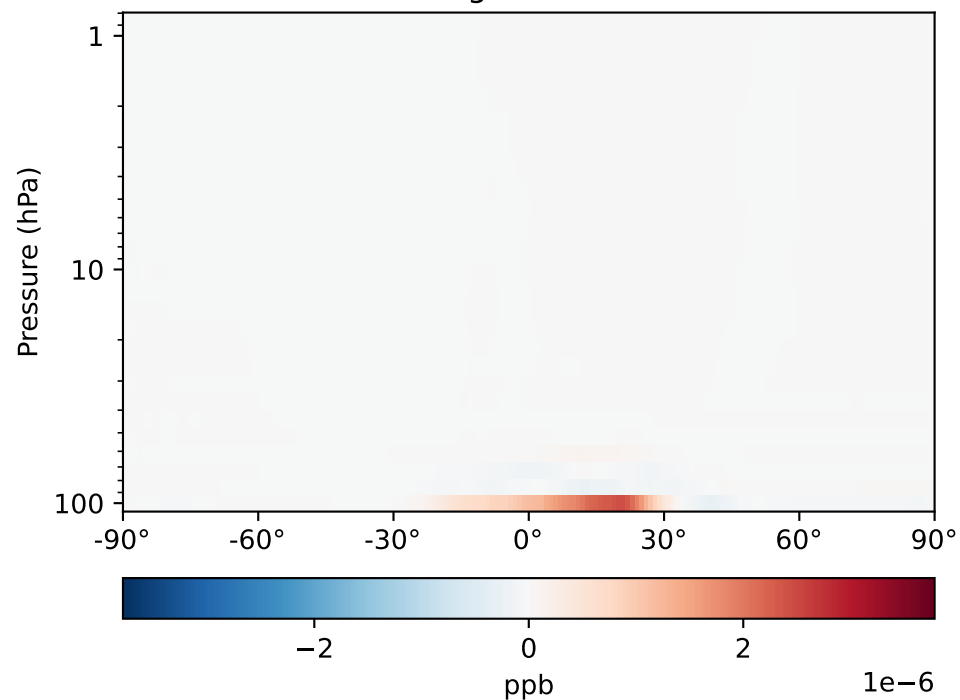


SpeciesConc_ASOA1, Zonal Mean

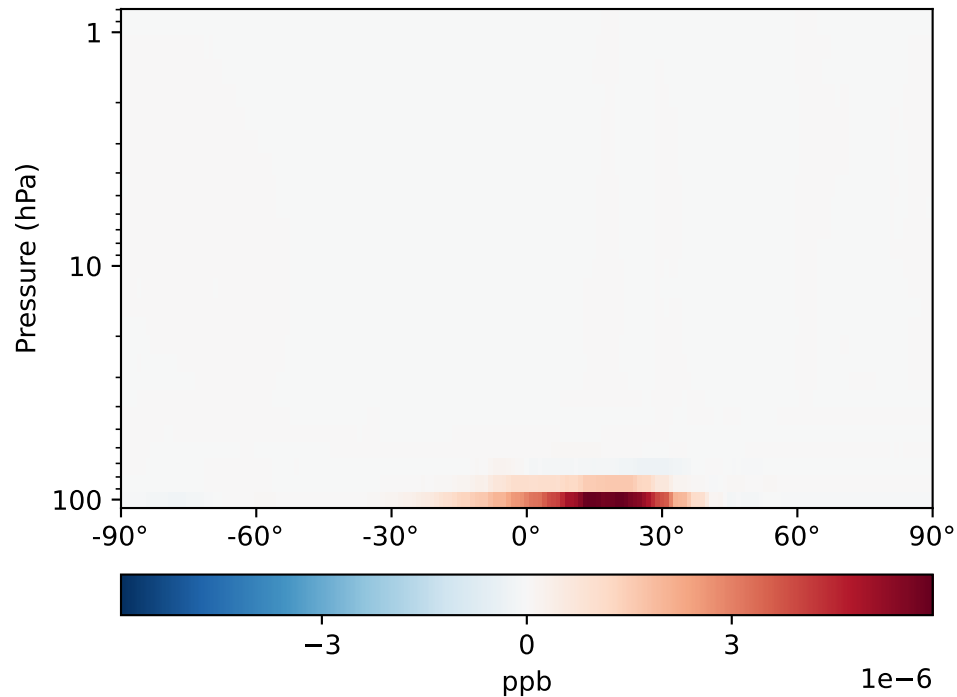
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



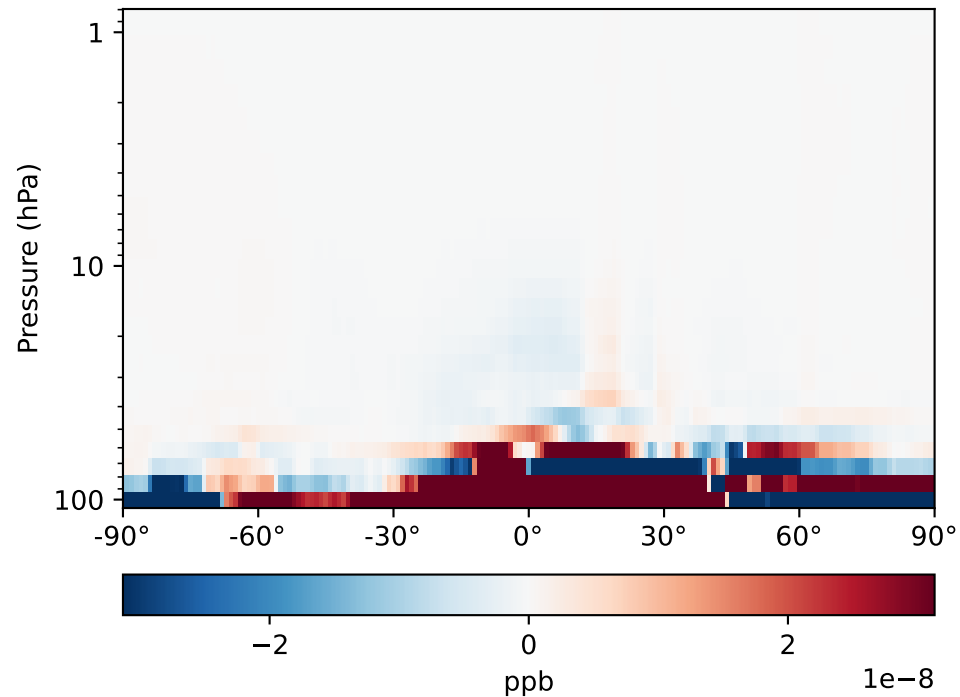
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



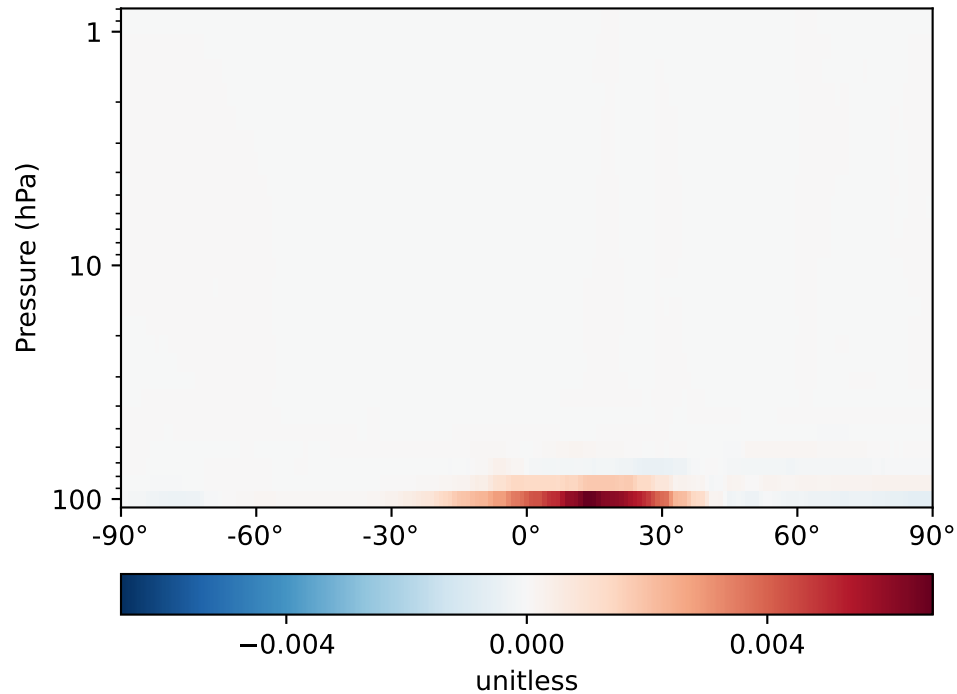
Difference (1x1.25)
Dev - Ref, Dynamic Range



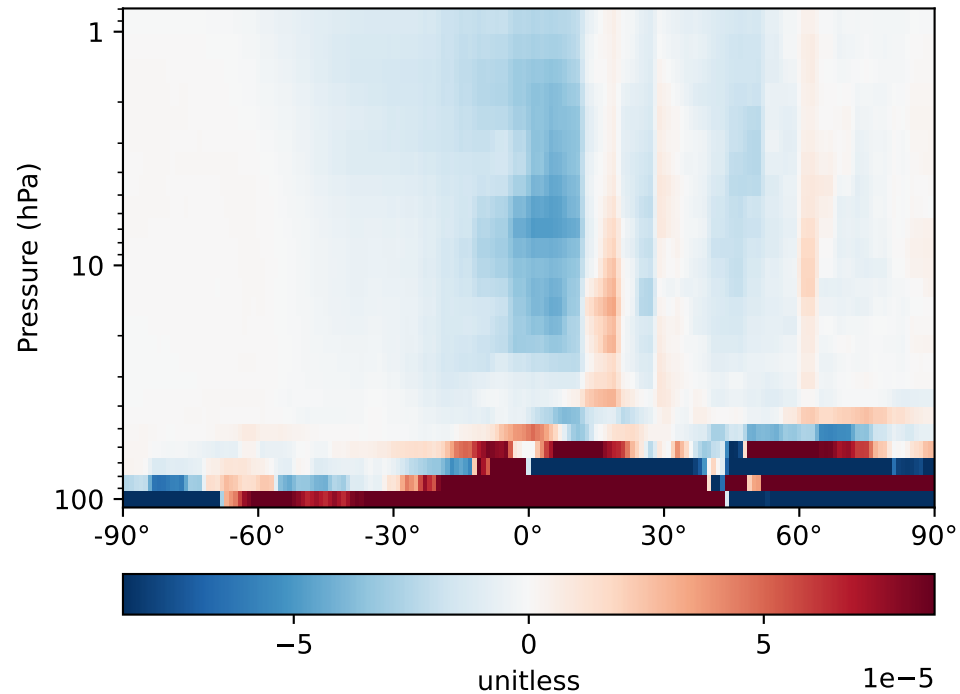
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

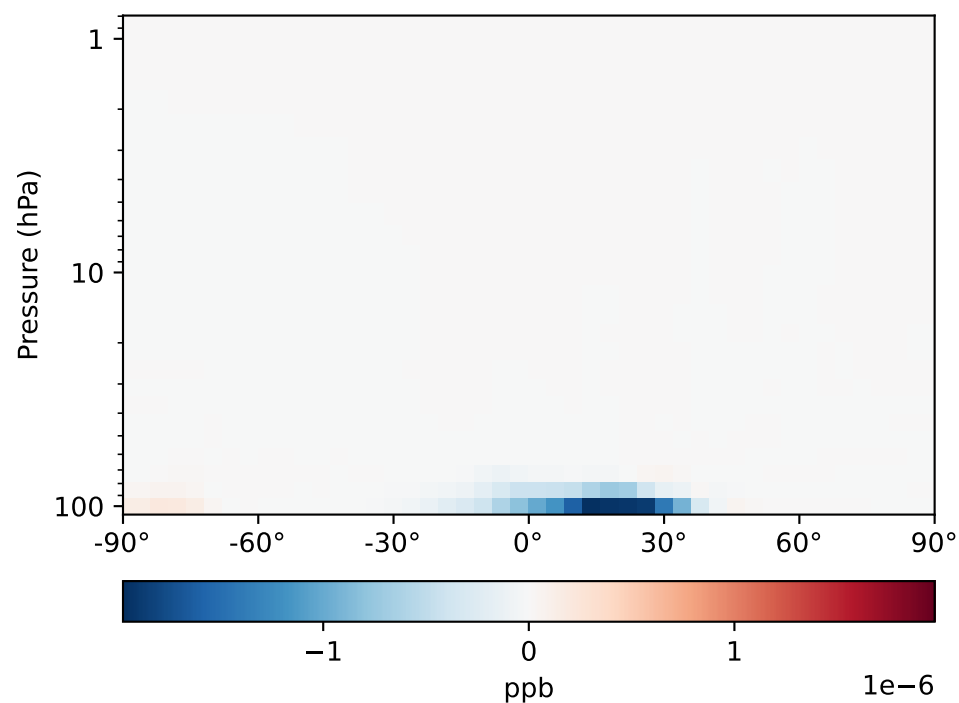


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

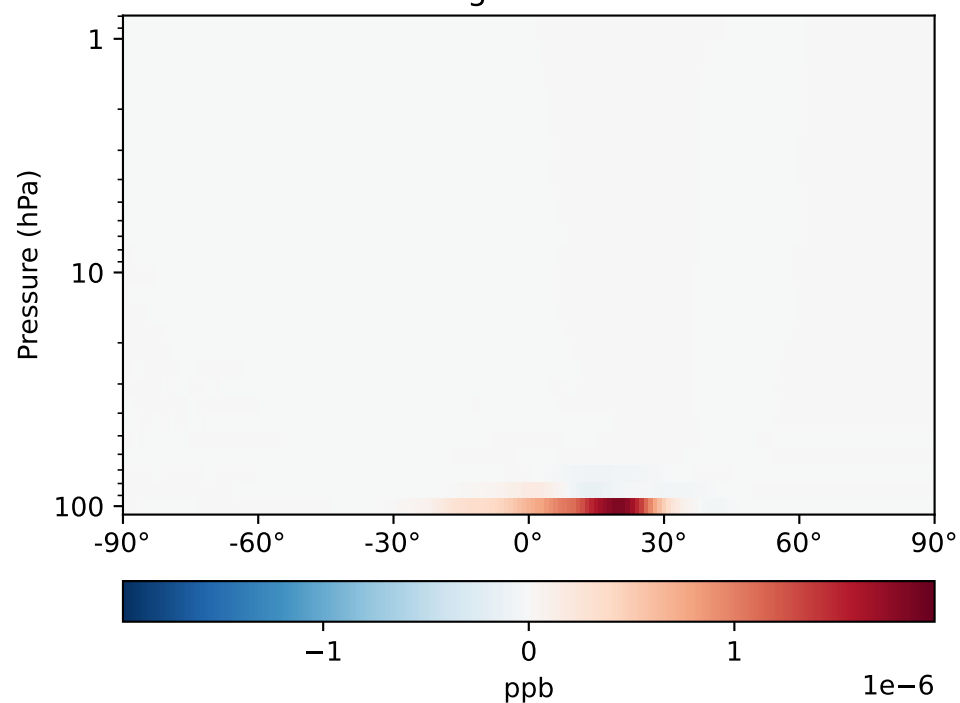


SpeciesConc_ASOA2, Zonal Mean

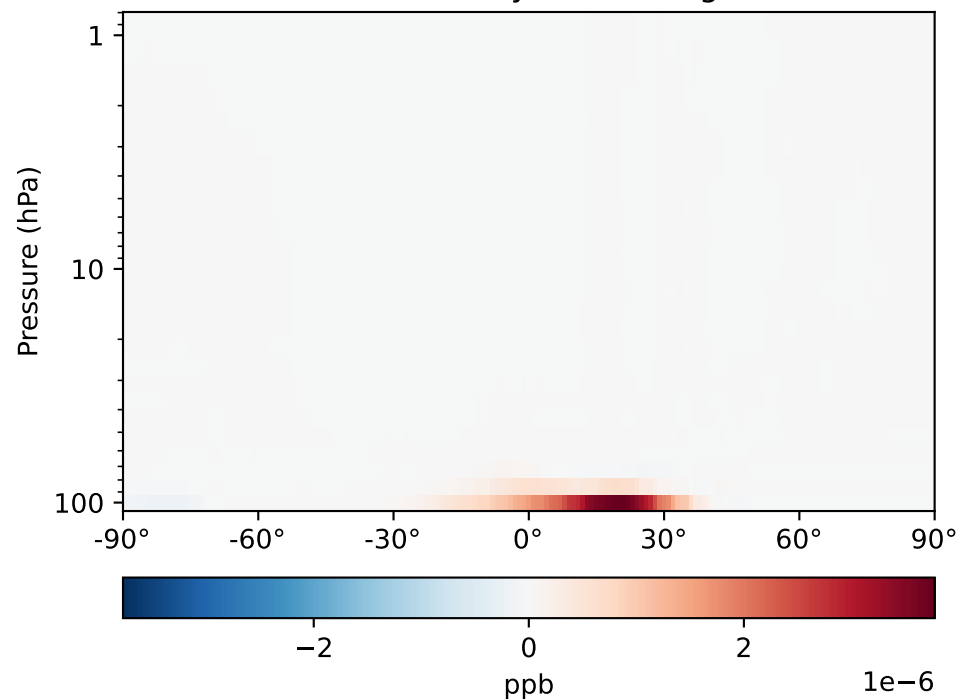
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



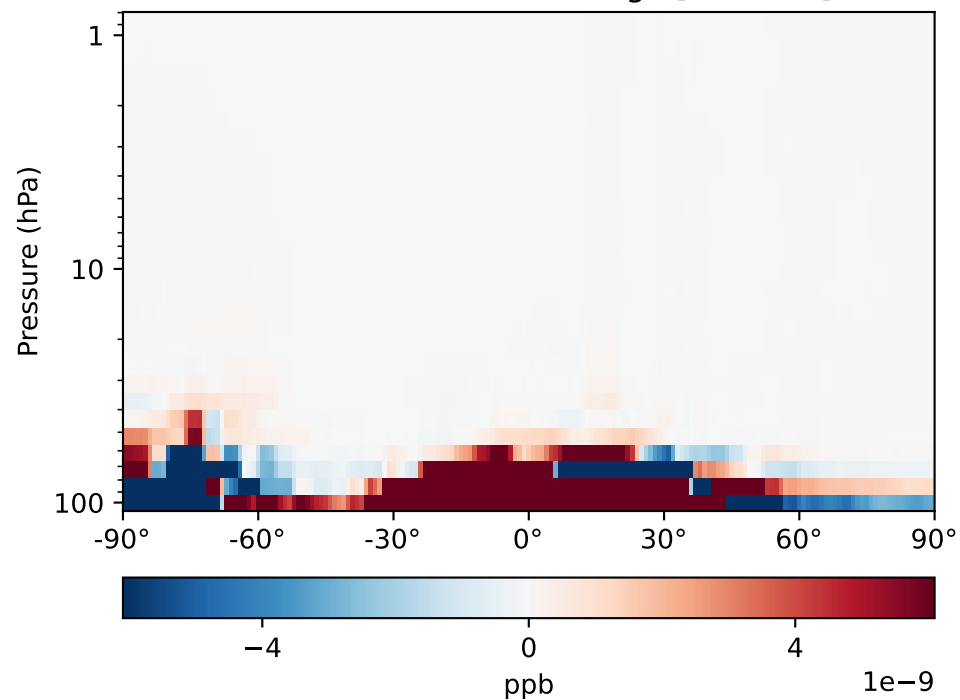
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



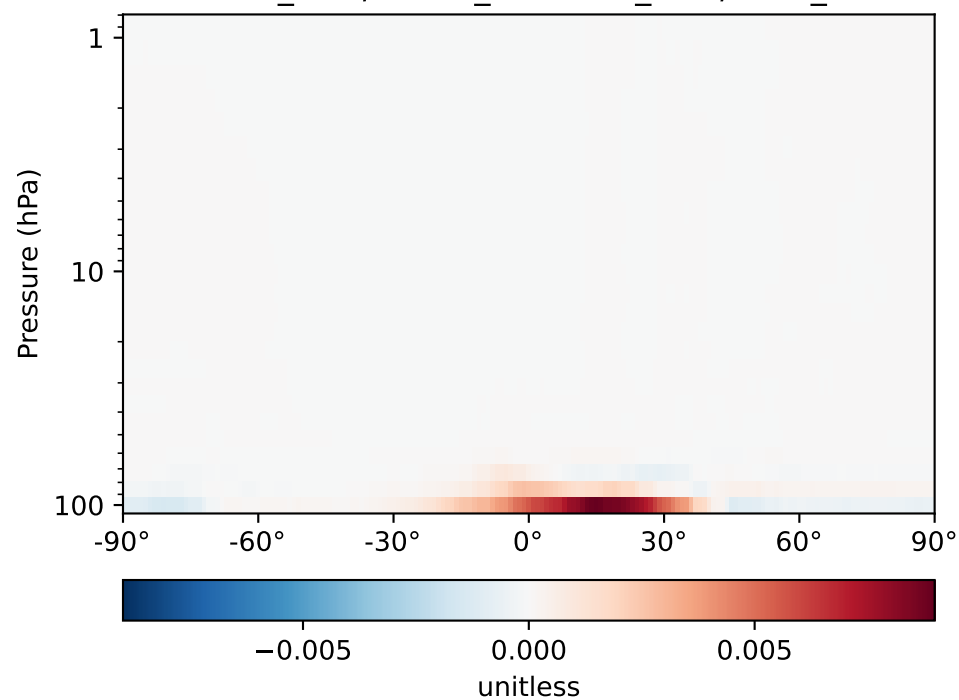
Difference (1x1.25)
Dev - Ref, Dynamic Range



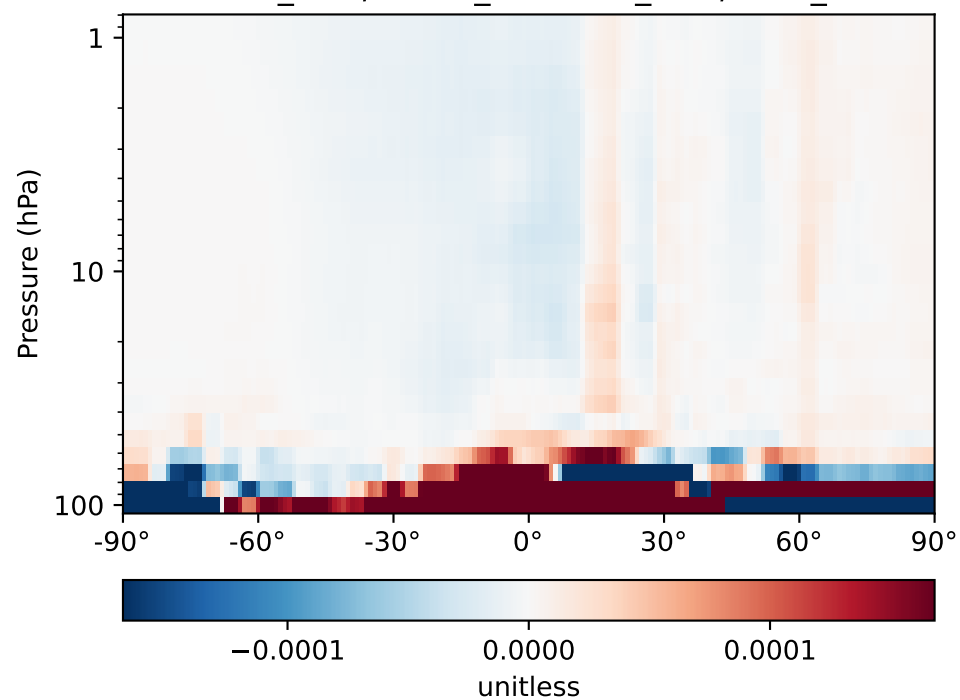
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

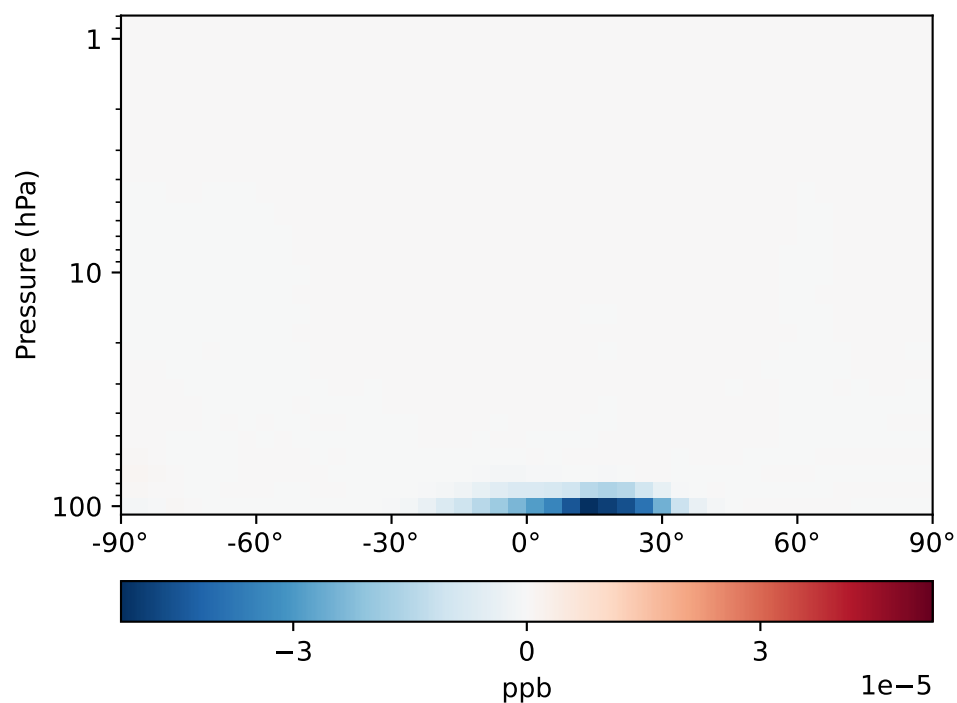


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

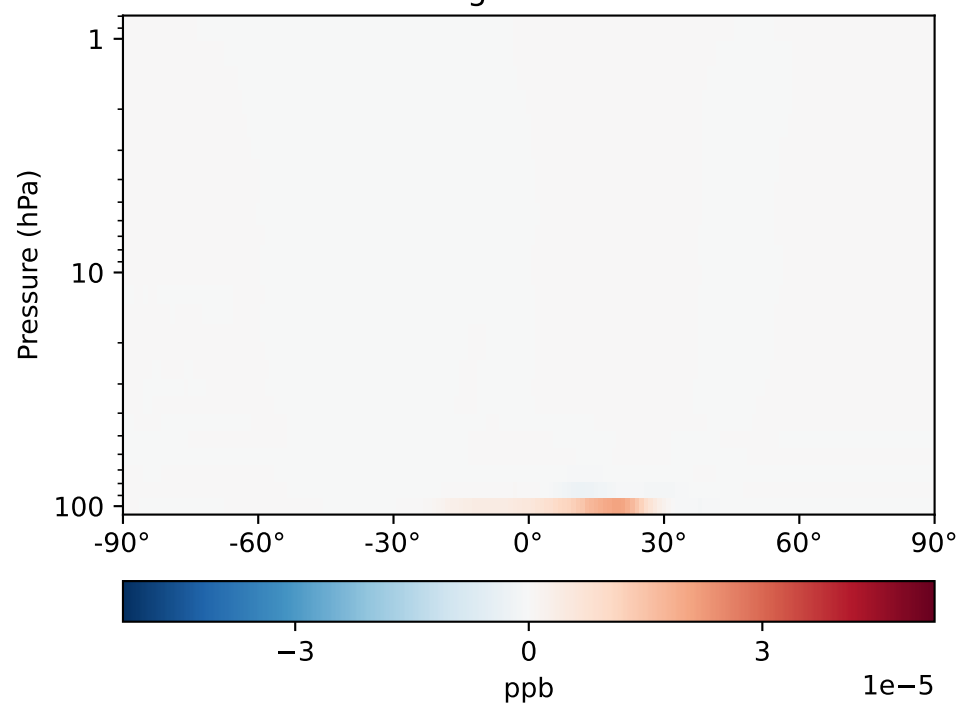


SpeciesConc_ASOA3, Zonal Mean

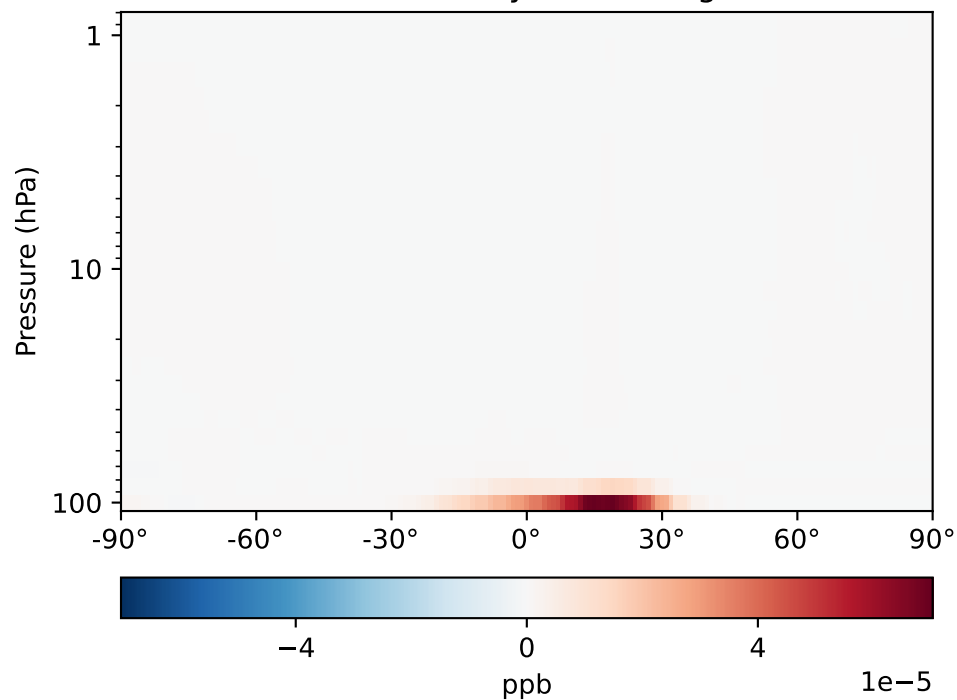
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



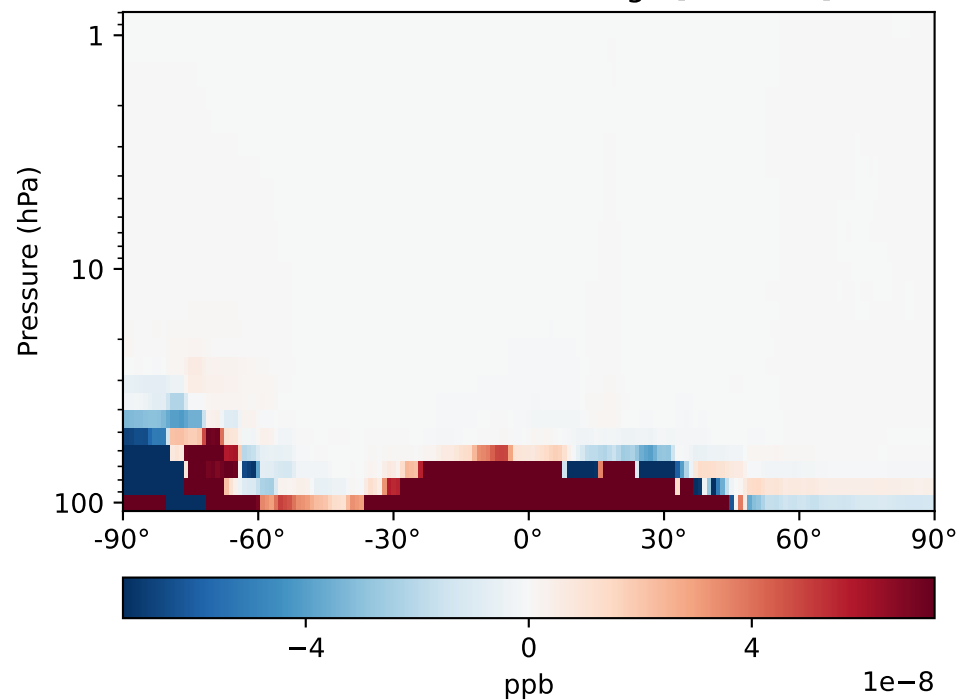
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



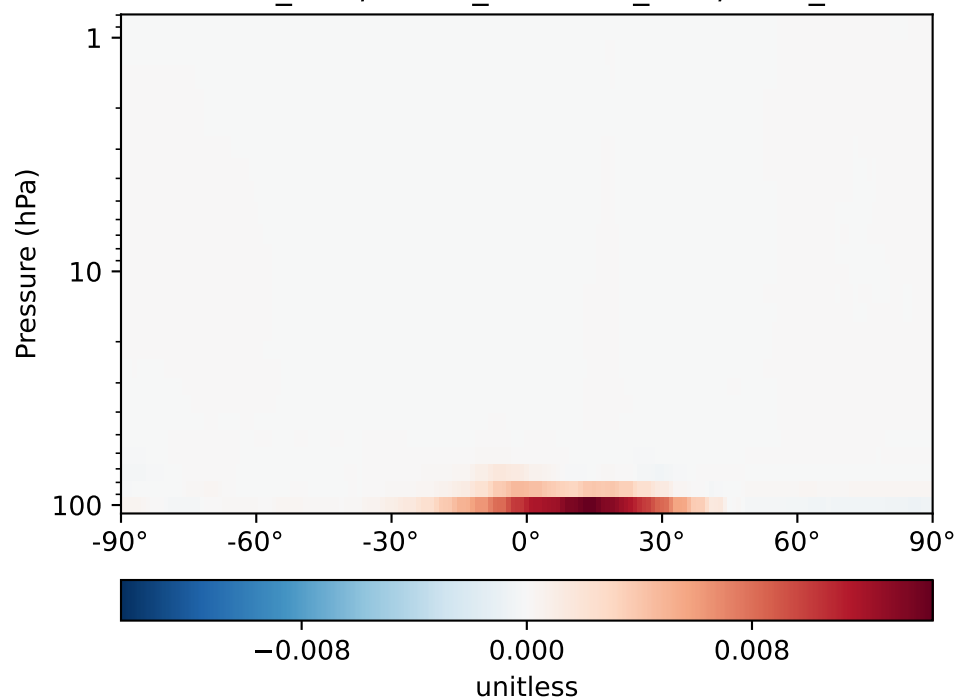
Difference (1x1.25)
Dev - Ref, Dynamic Range



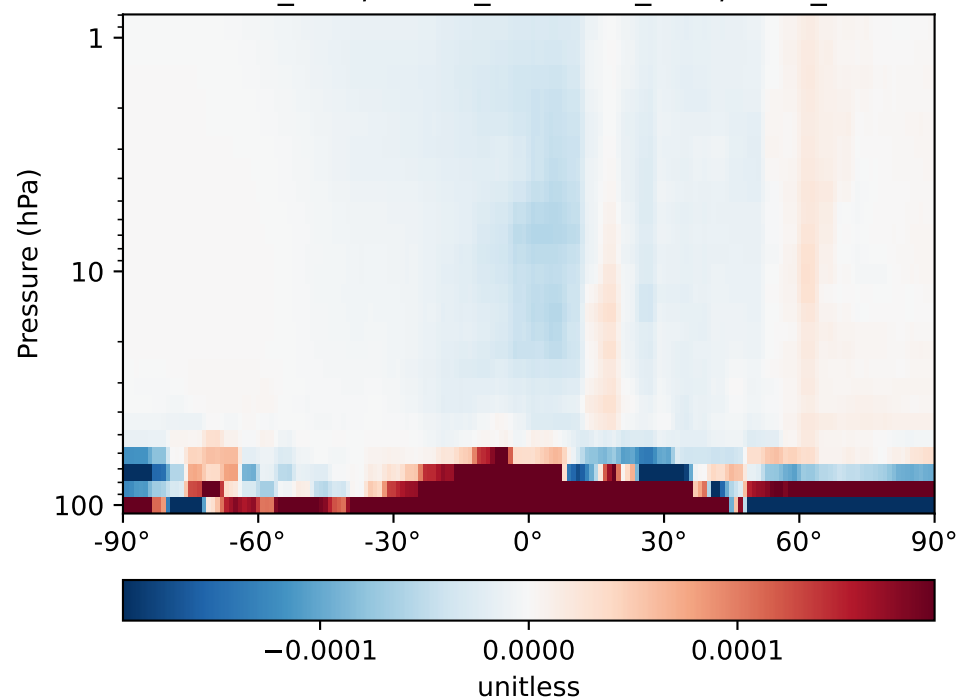
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

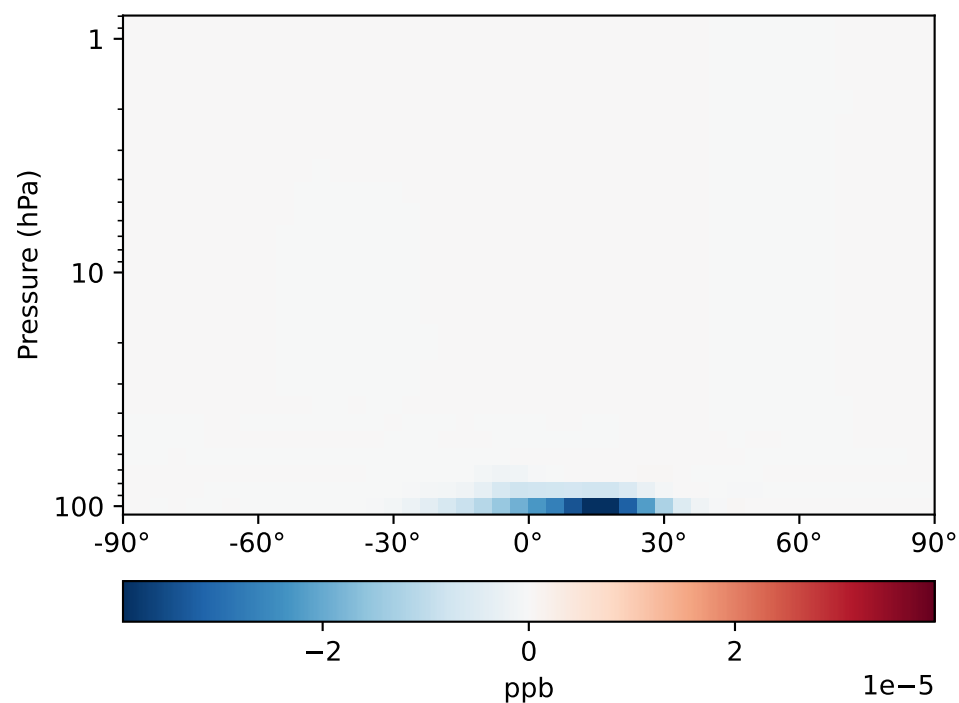


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

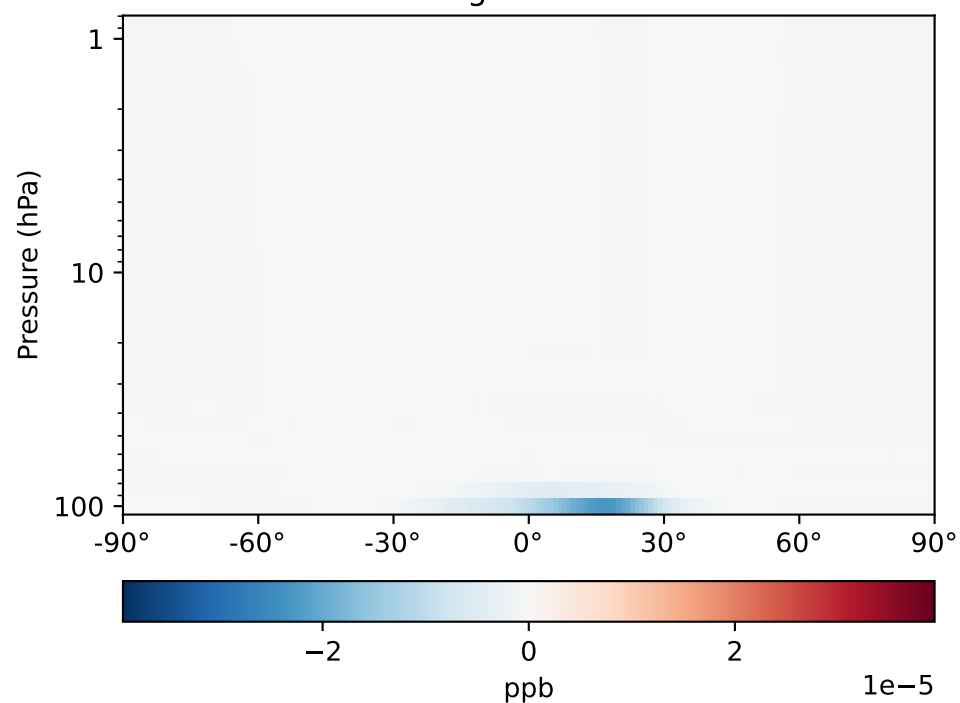


SpeciesConc_ASOAN, Zonal Mean

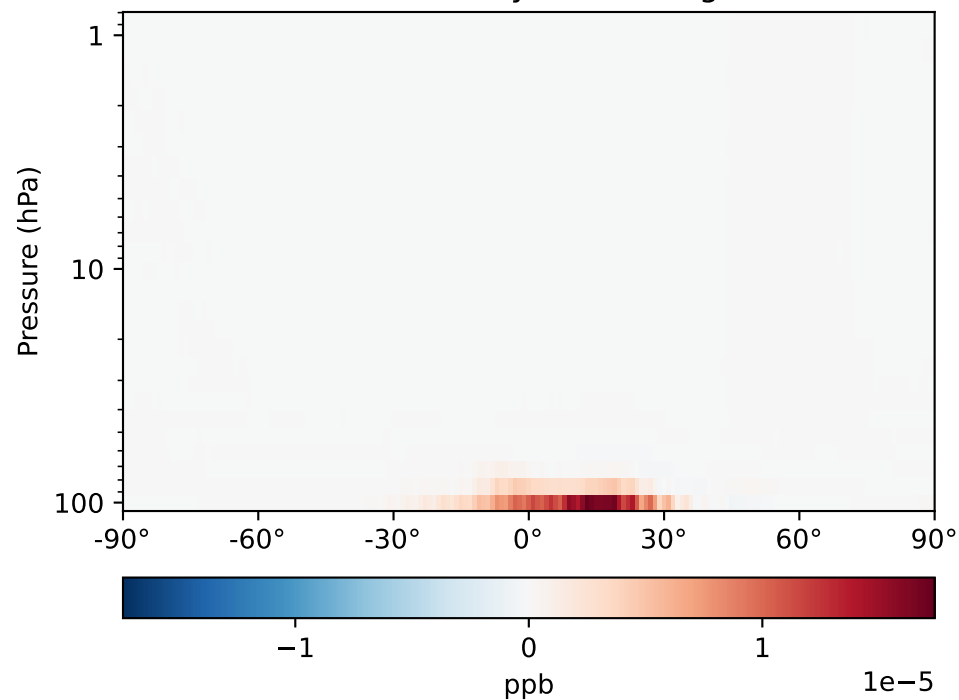
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



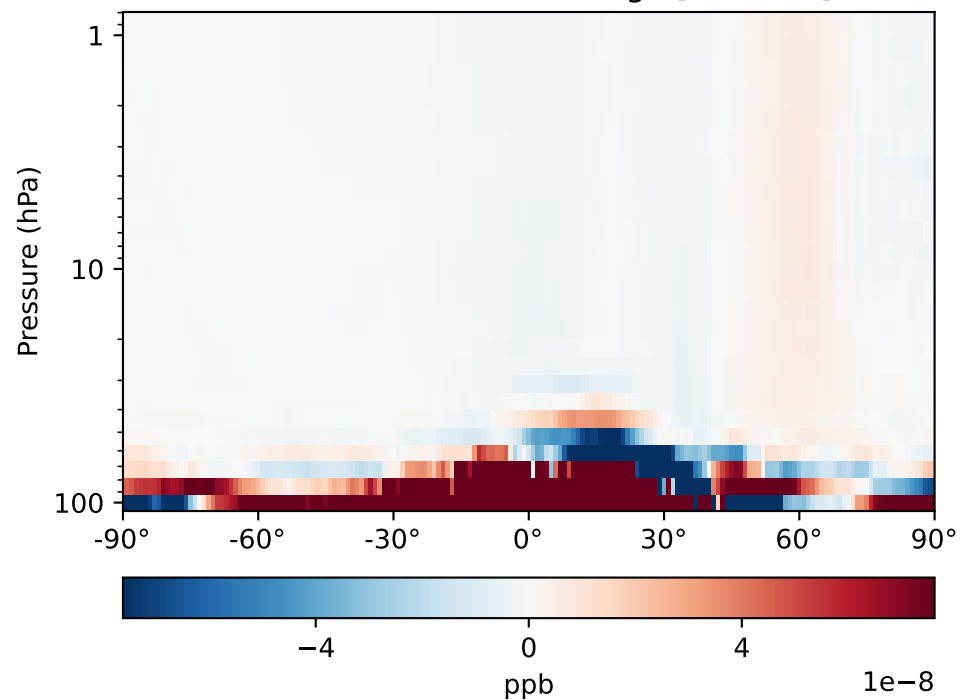
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



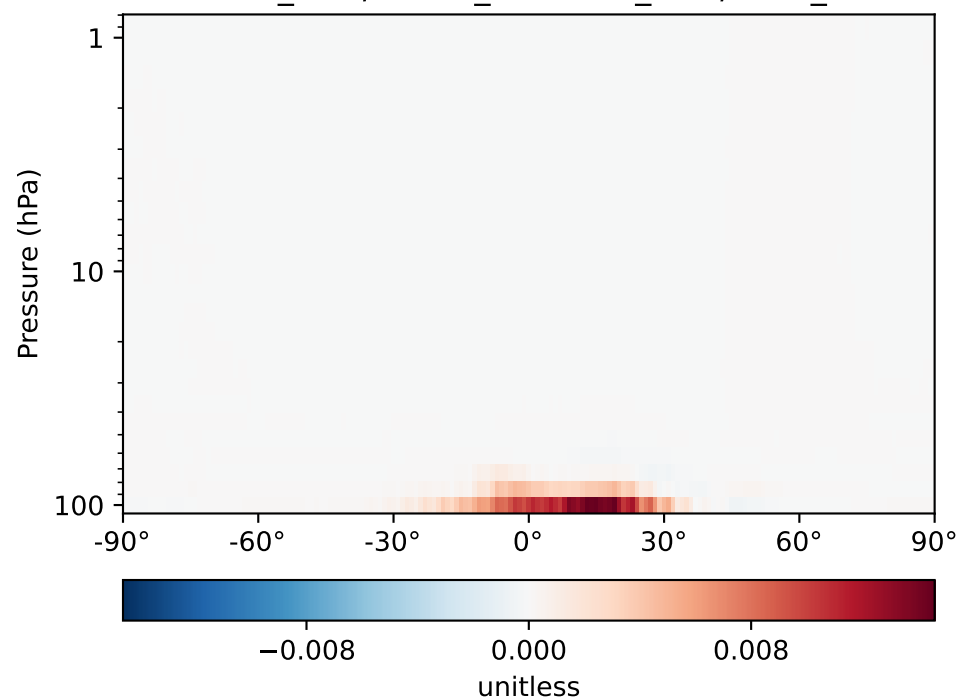
Difference (1x1.25)
Dev - Ref, Dynamic Range



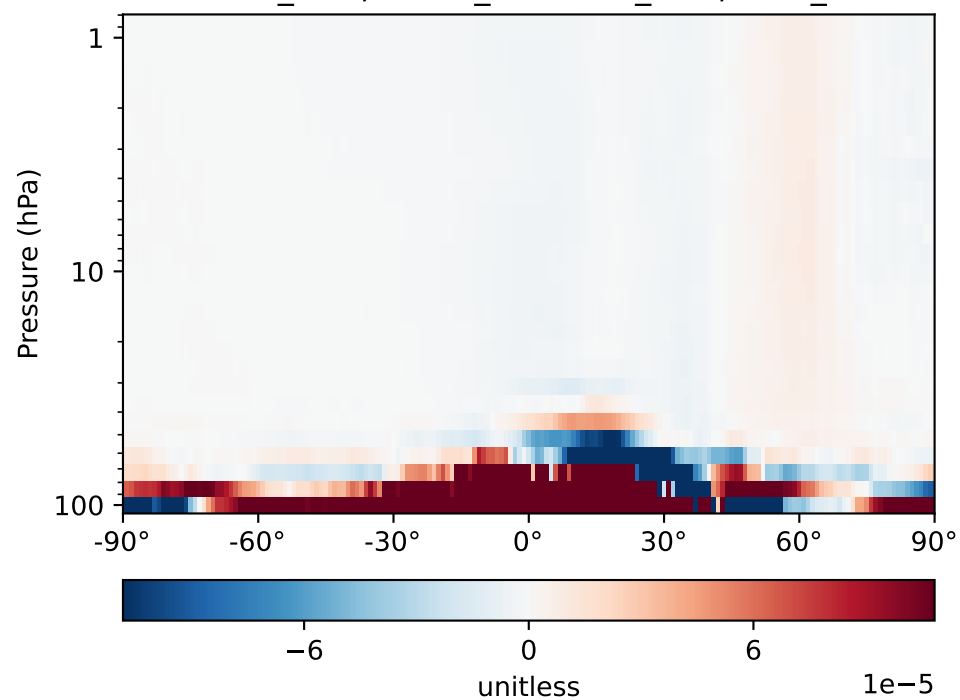
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

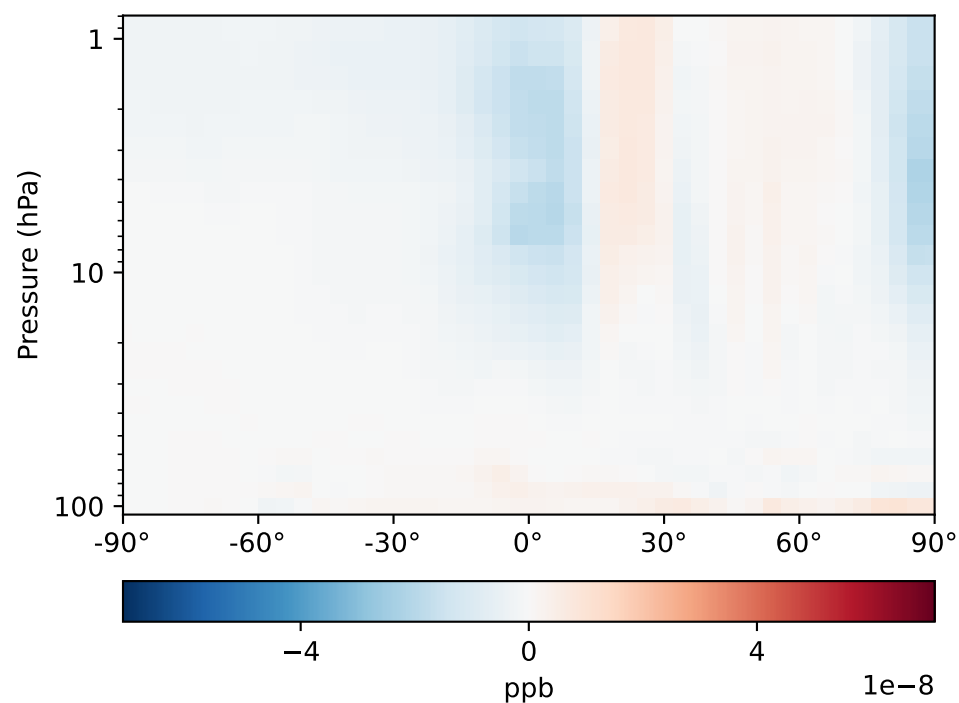


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

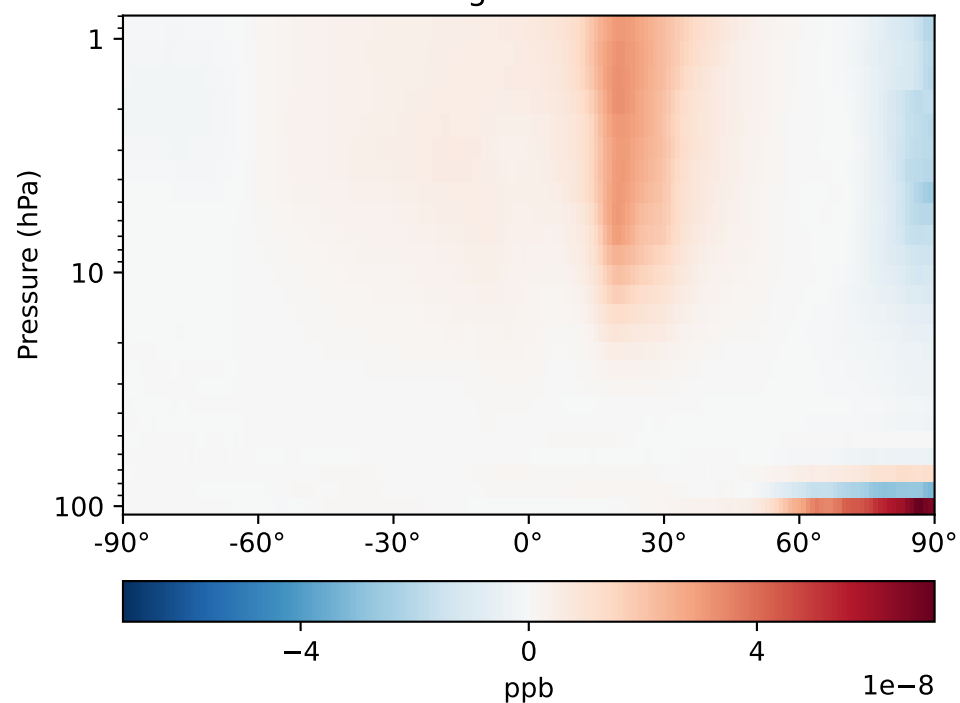


SpeciesConc_TSOG0, Zonal Mean

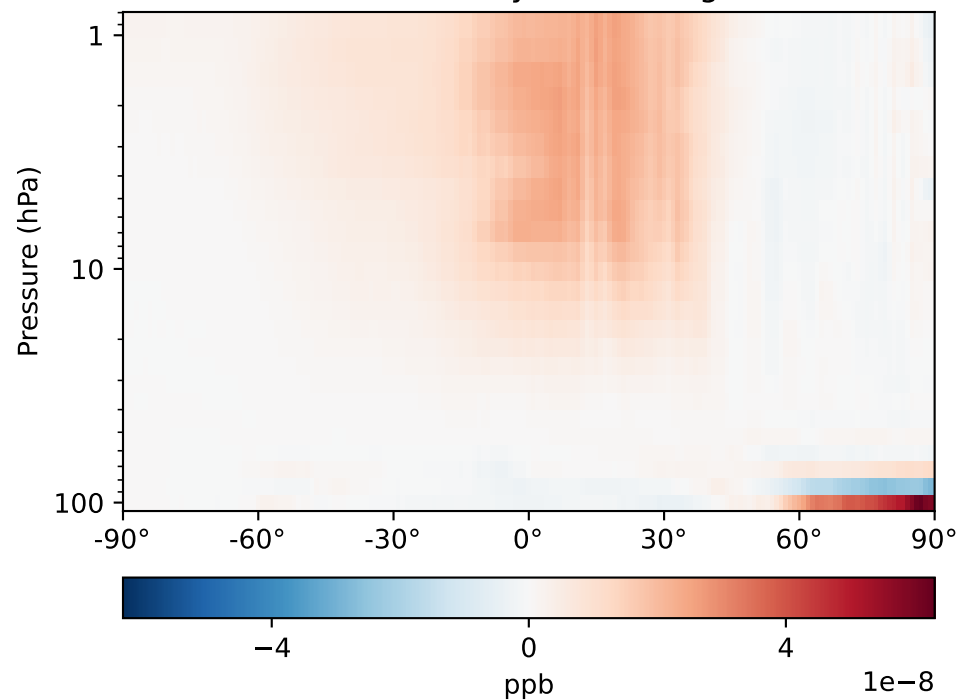
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



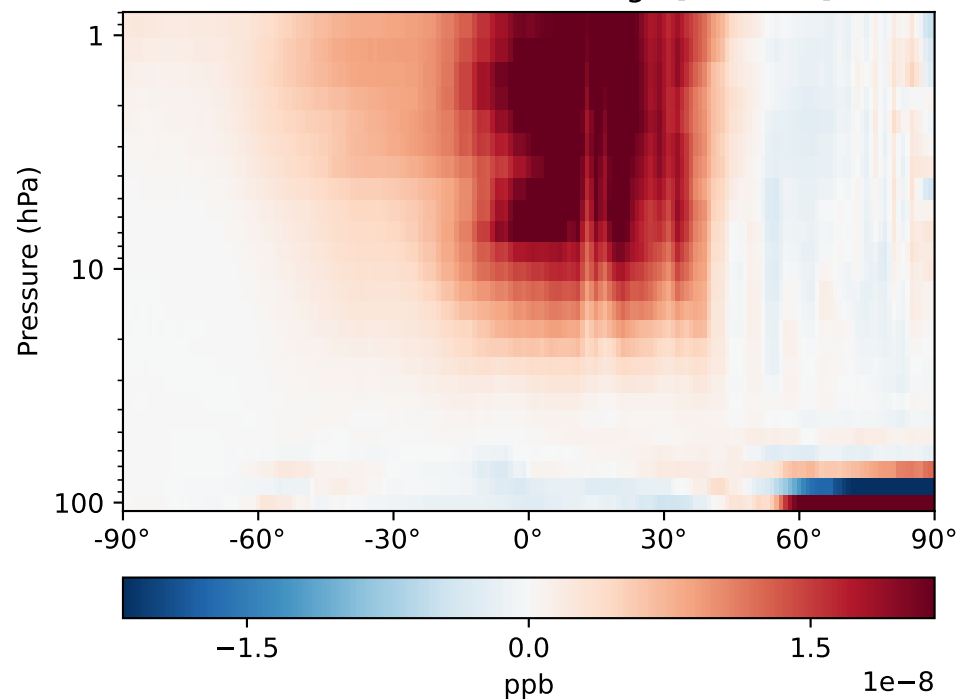
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



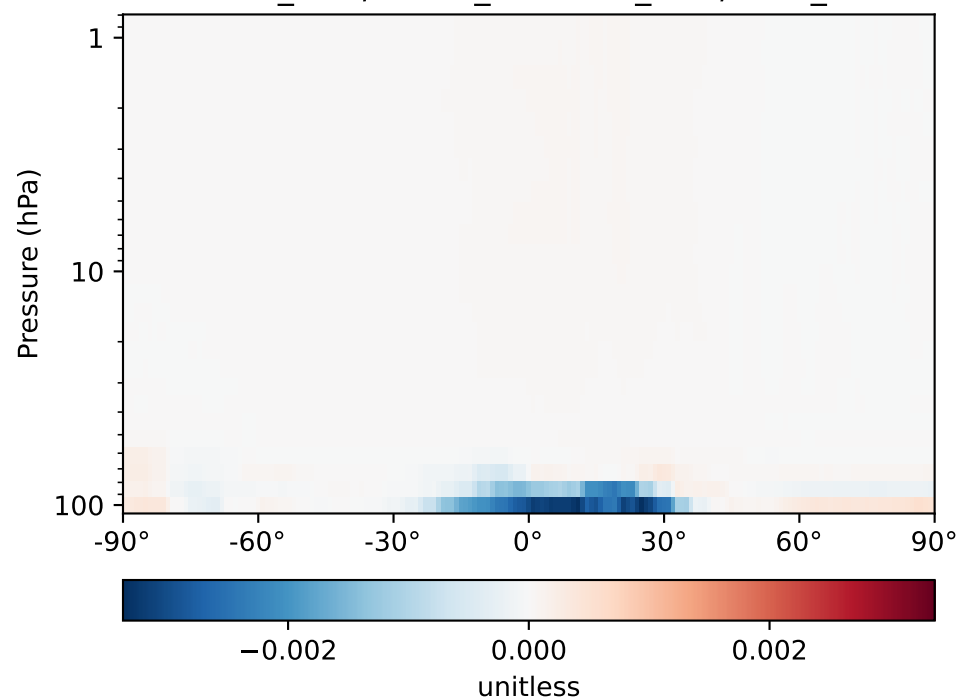
Difference (1x1.25)
Dev - Ref, Dynamic Range



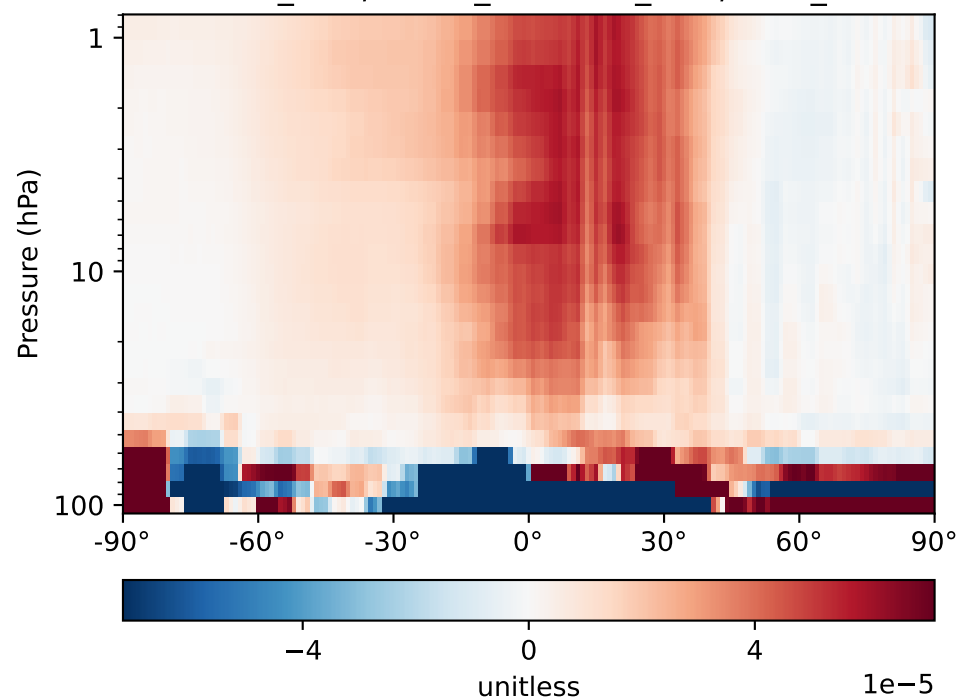
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

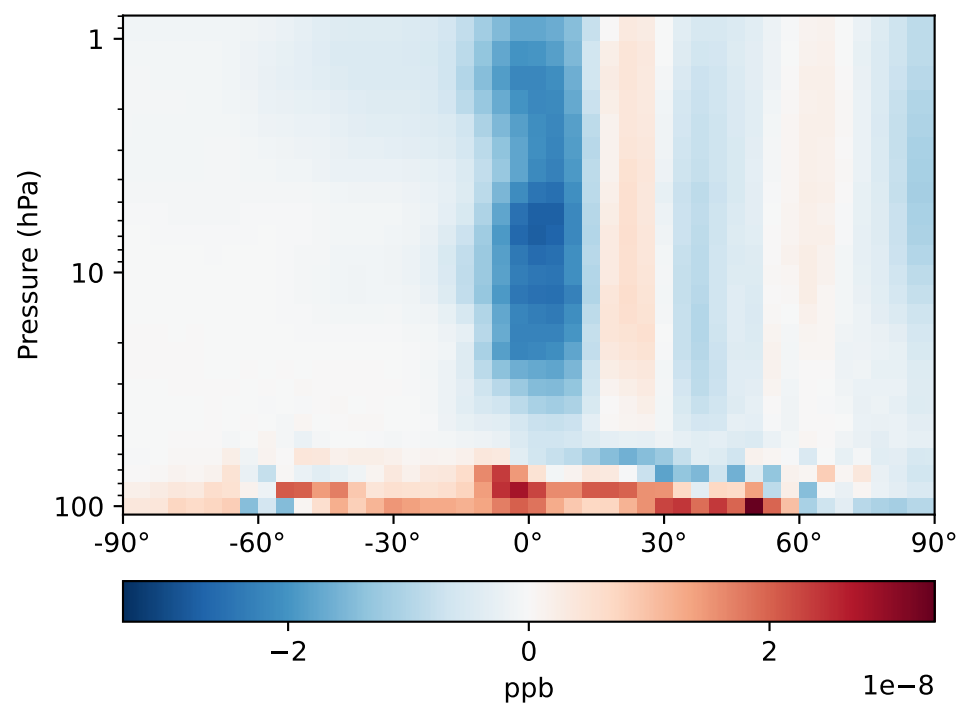


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

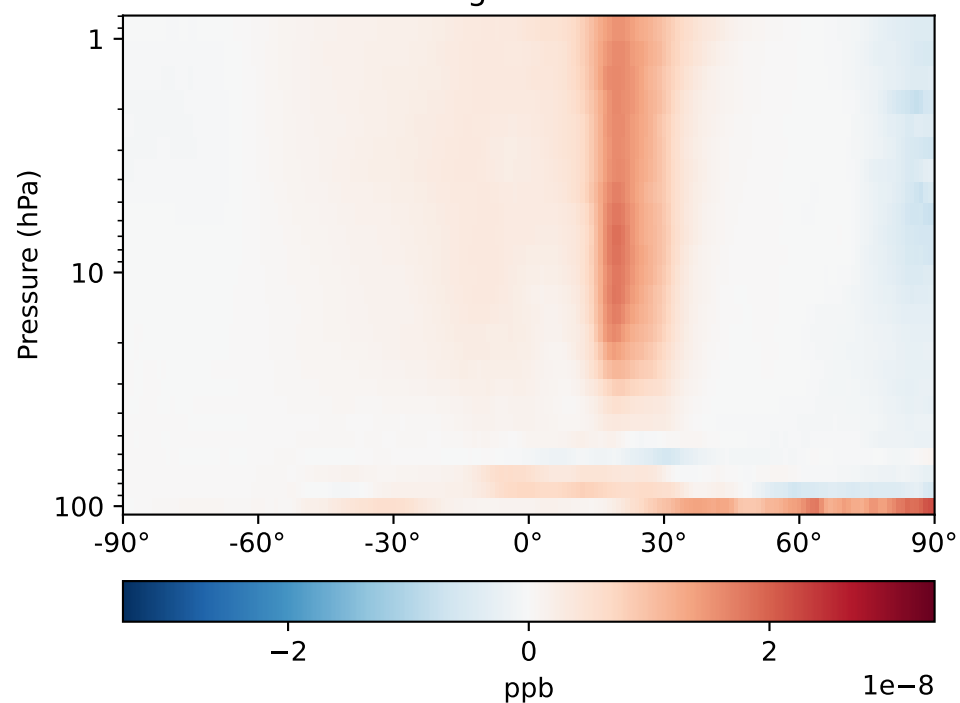


SpeciesConc_TSOG1, Zonal Mean

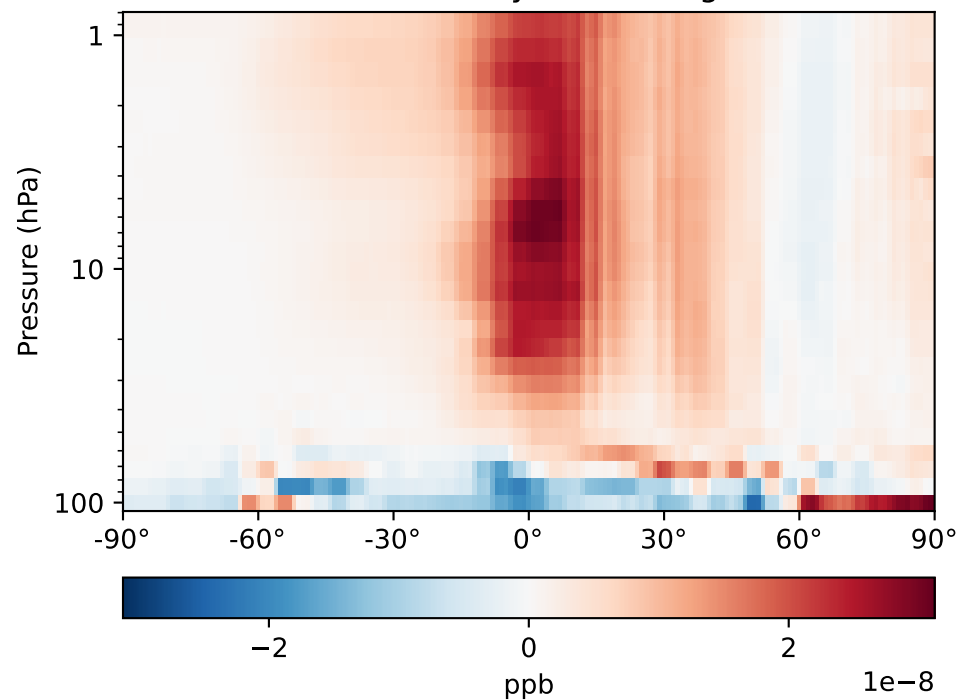
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



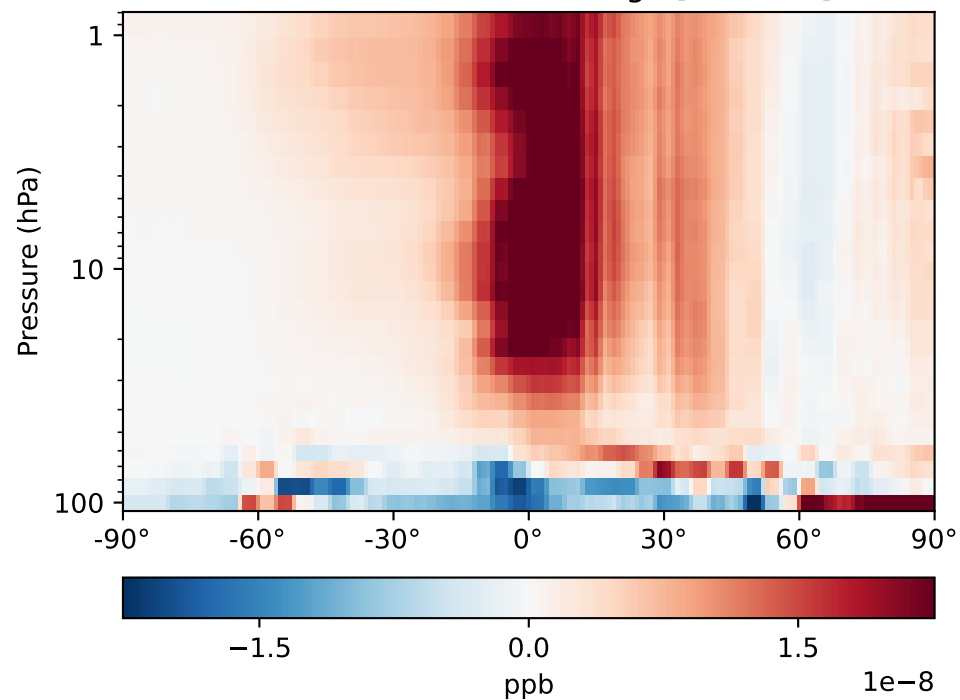
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



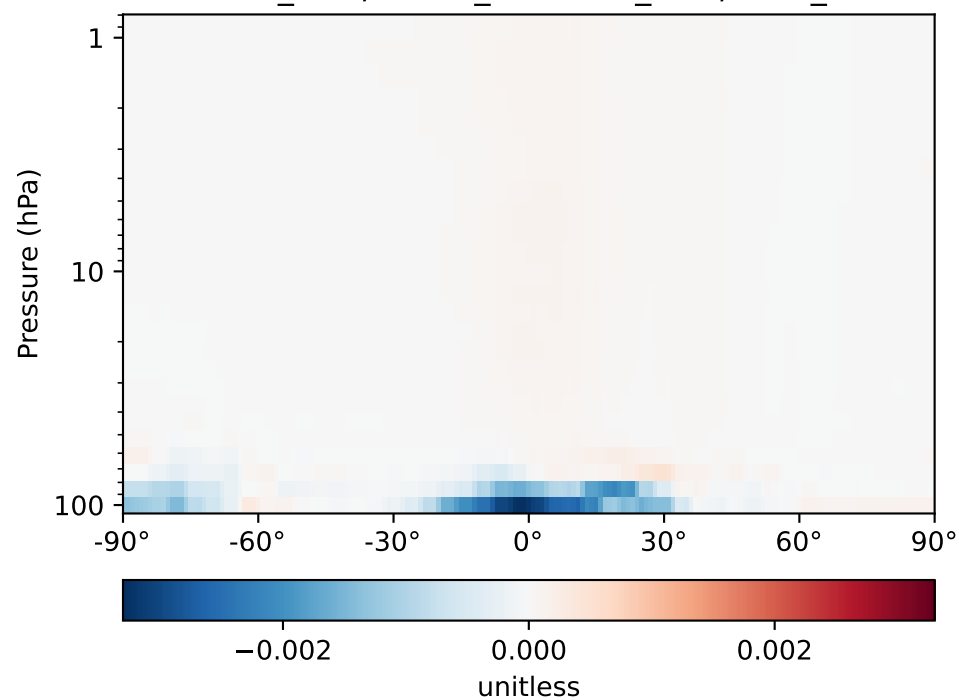
Difference (1x1.25)
Dev - Ref, Dynamic Range



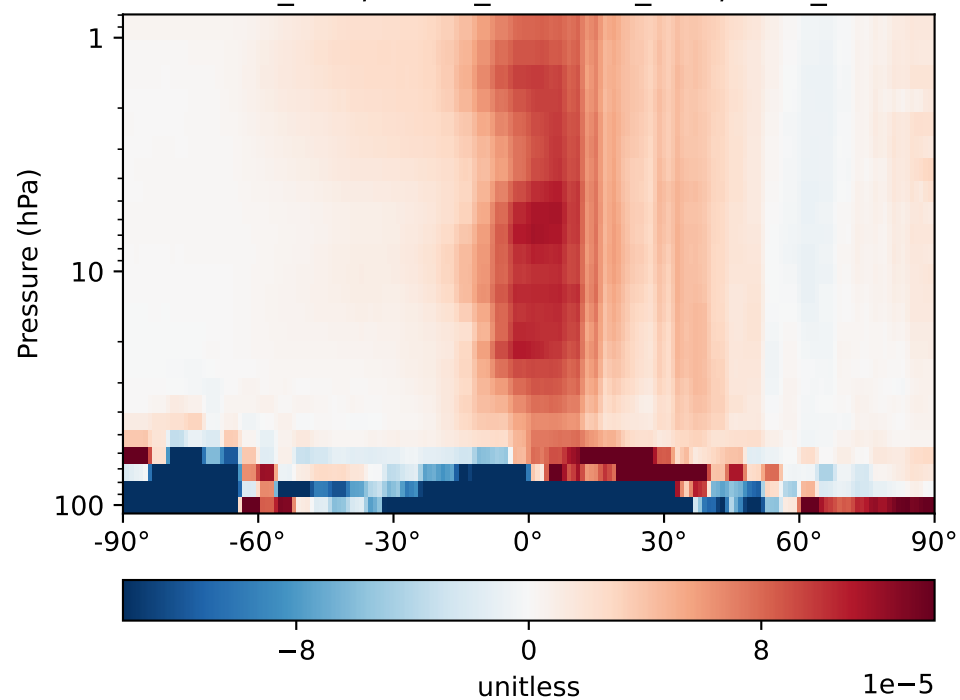
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

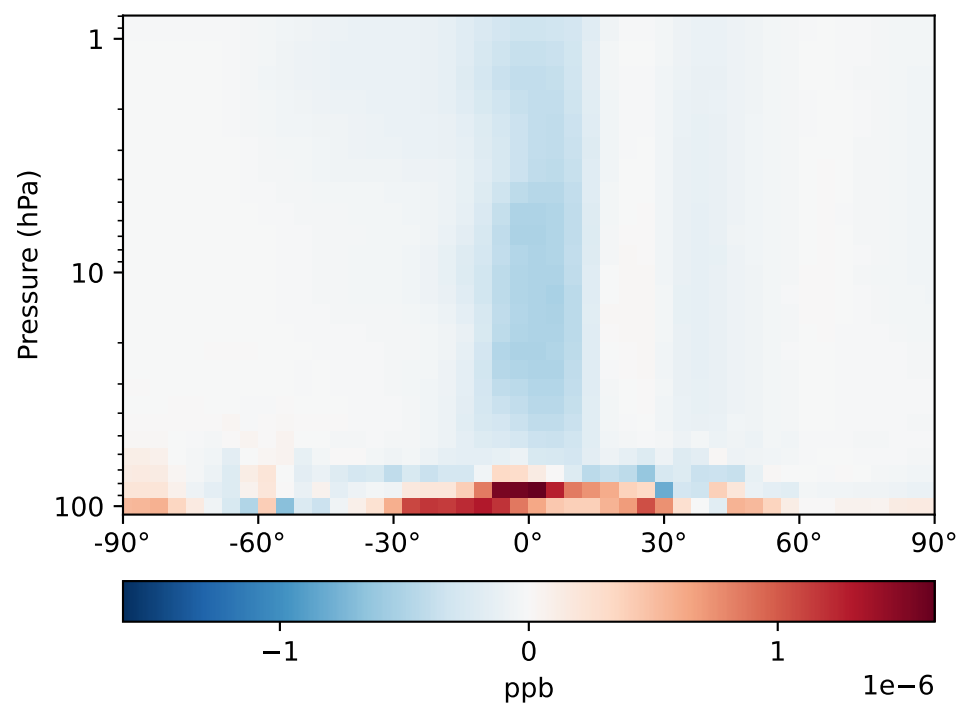


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

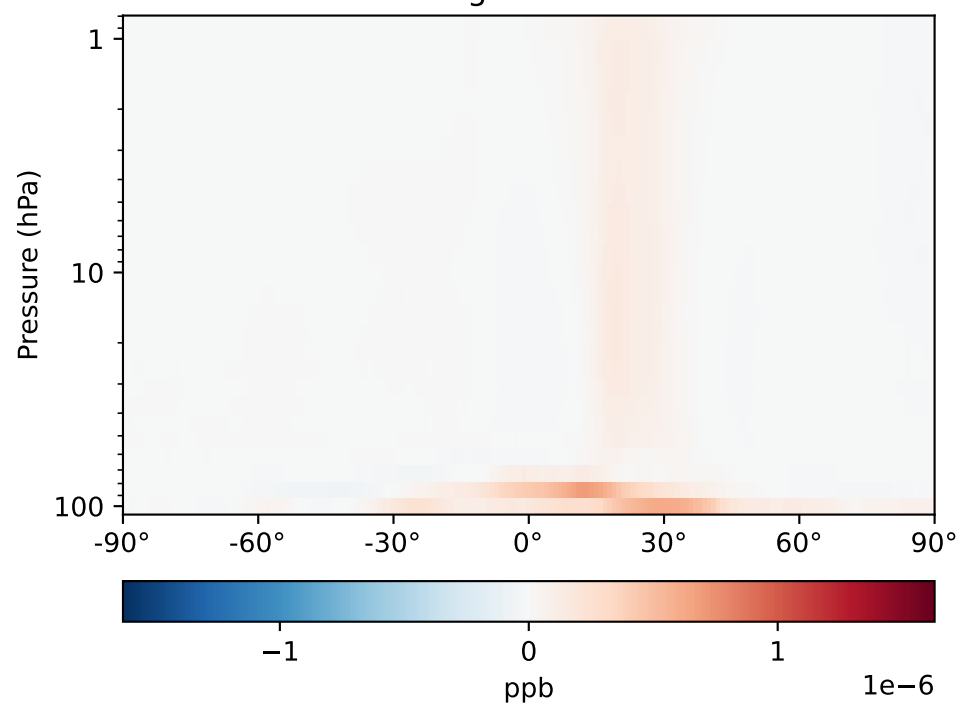


SpeciesConc_TSOG2, Zonal Mean

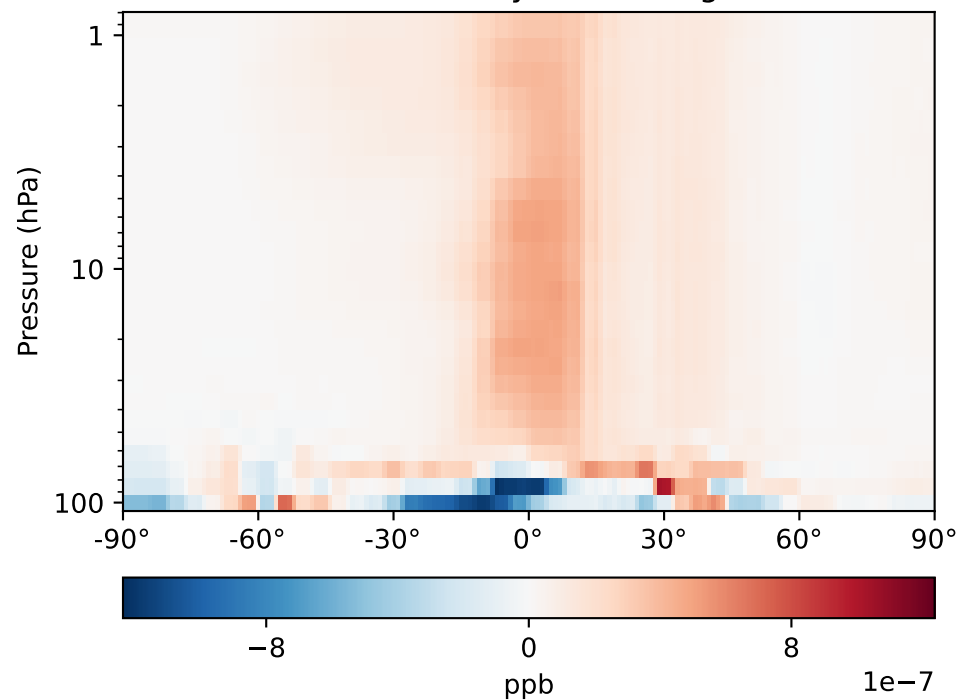
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



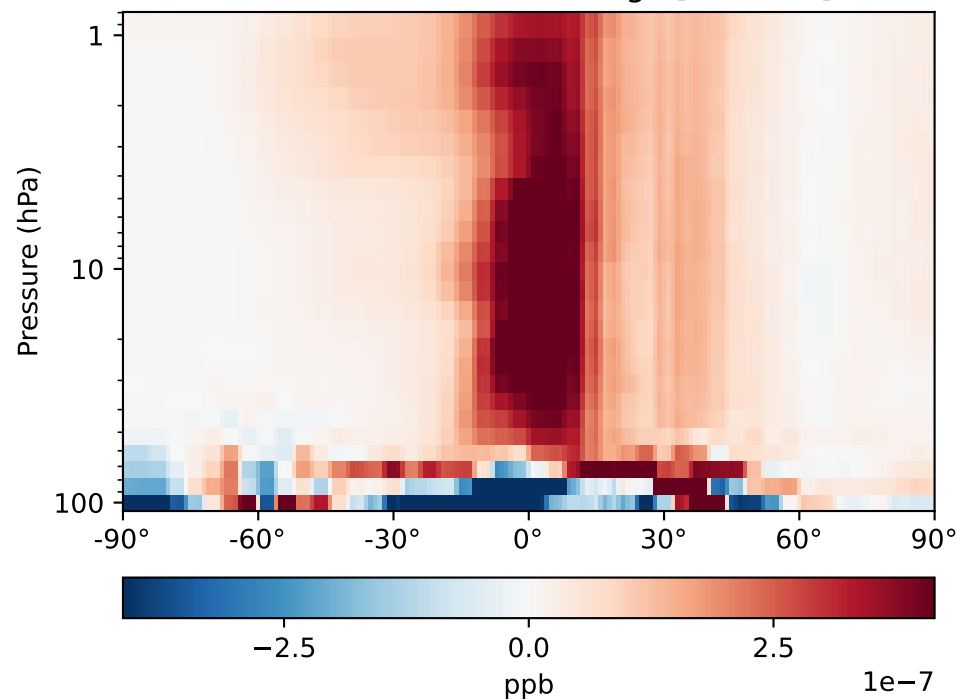
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



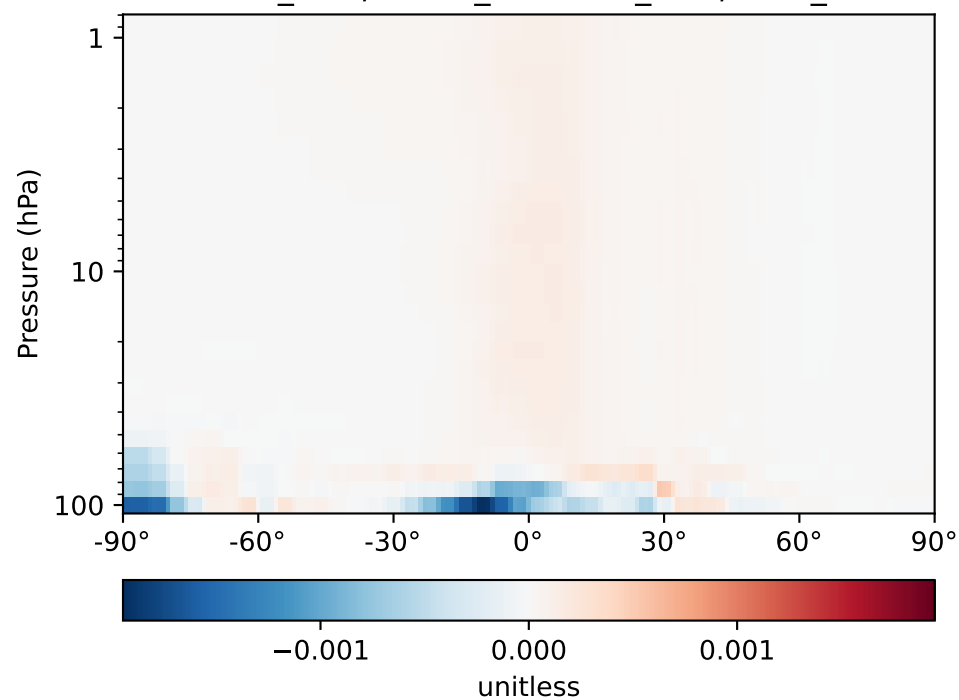
Difference (1x1.25)
Dev - Ref, Dynamic Range



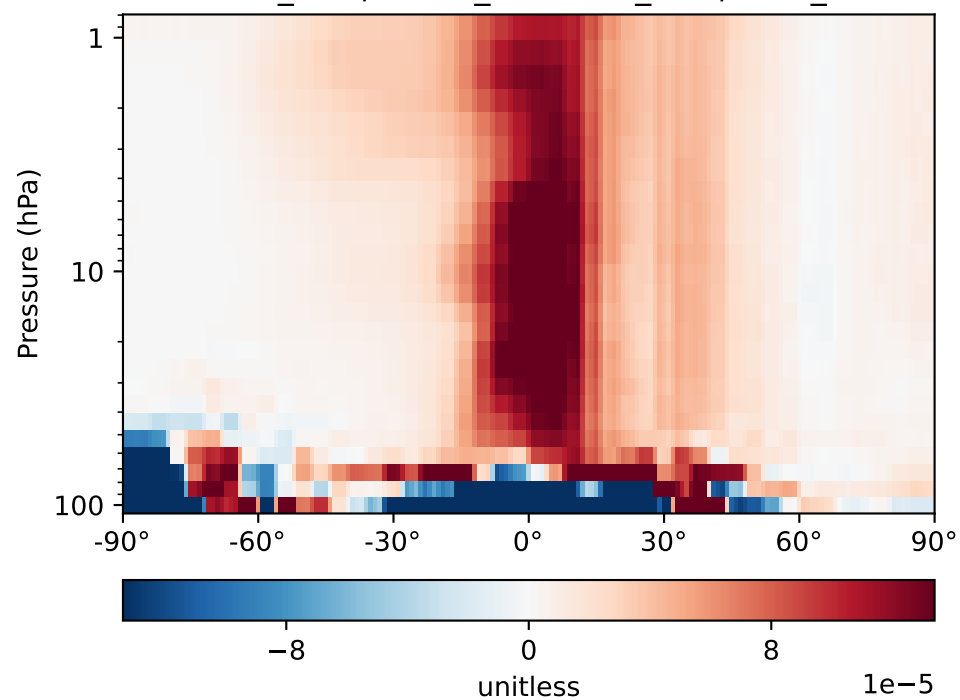
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

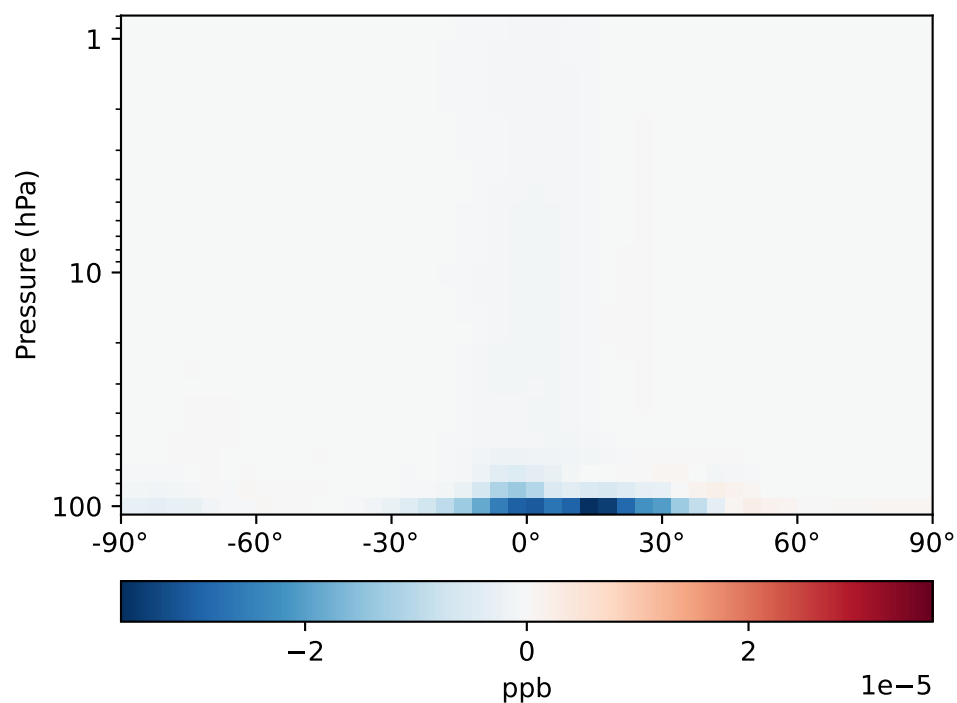


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

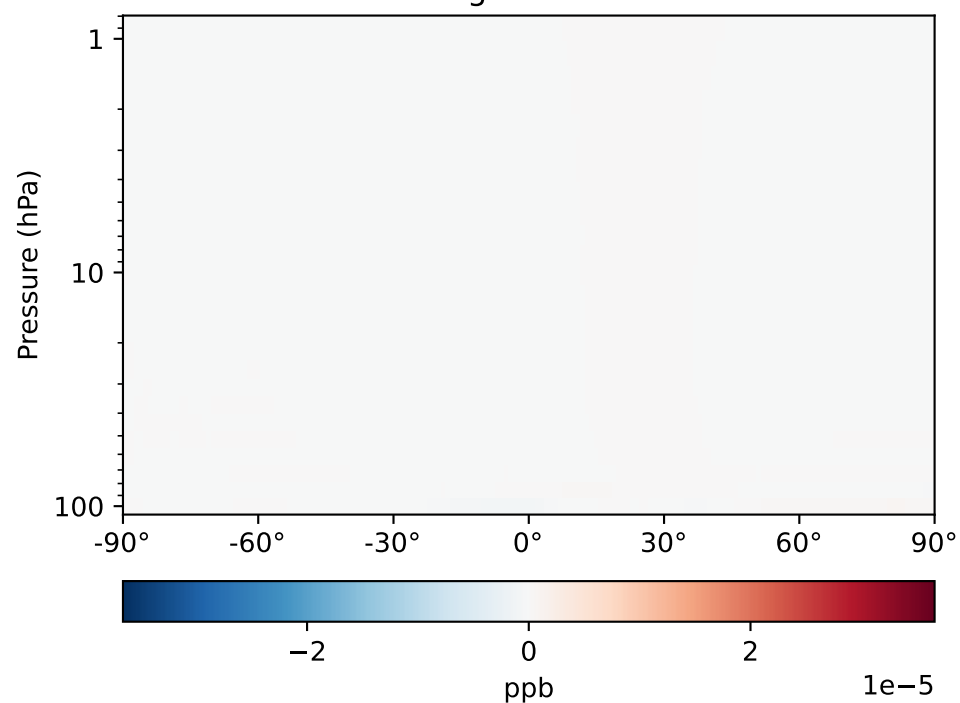


SpeciesConc_TSOG3, Zonal Mean

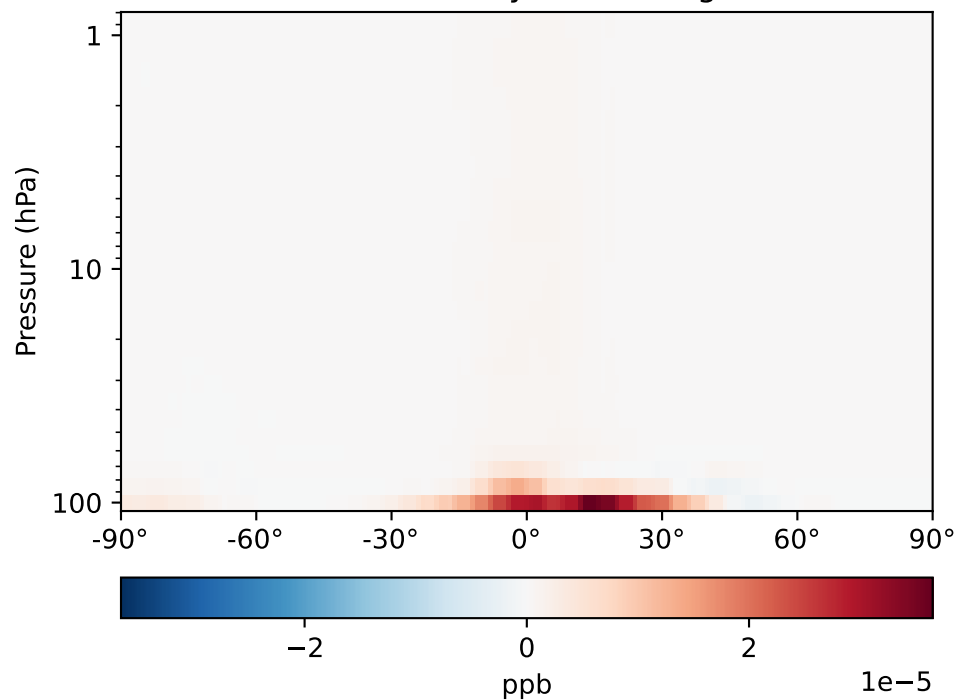
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



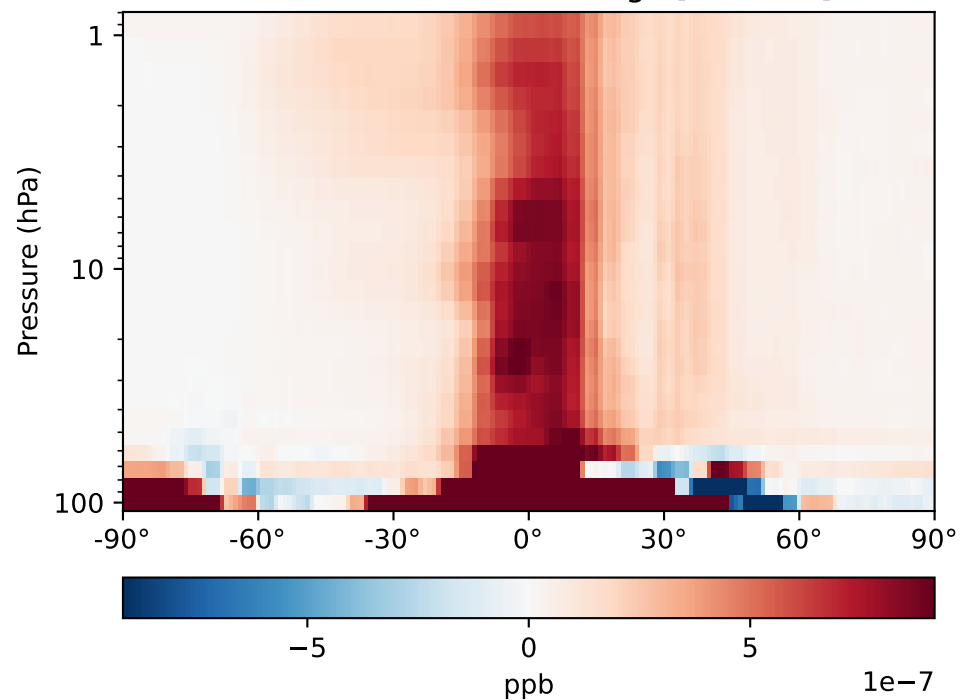
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



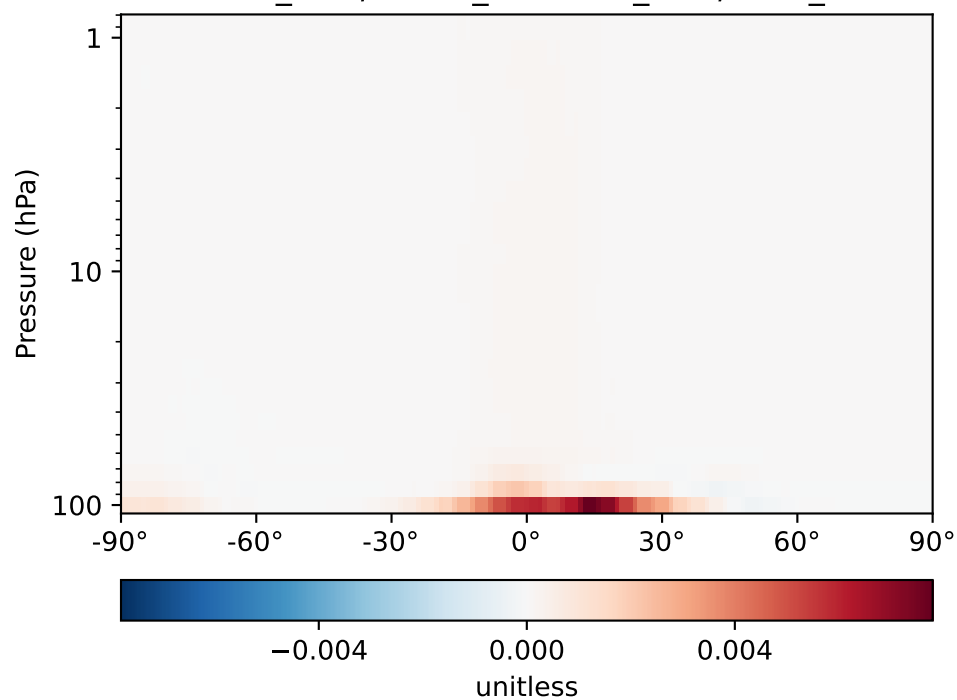
Difference (1x1.25)
Dev - Ref, Dynamic Range



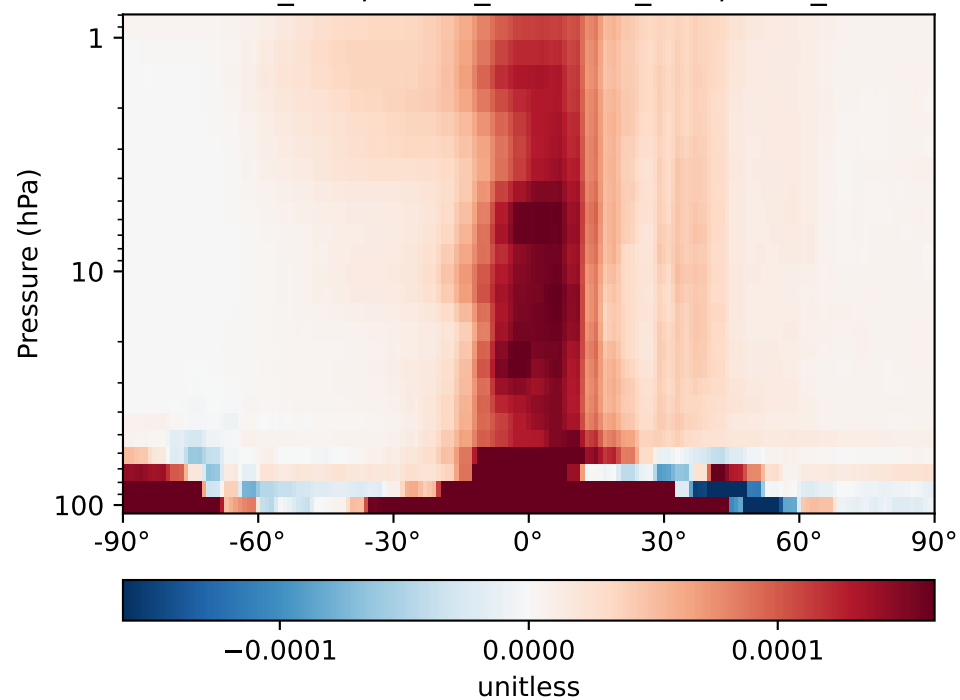
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

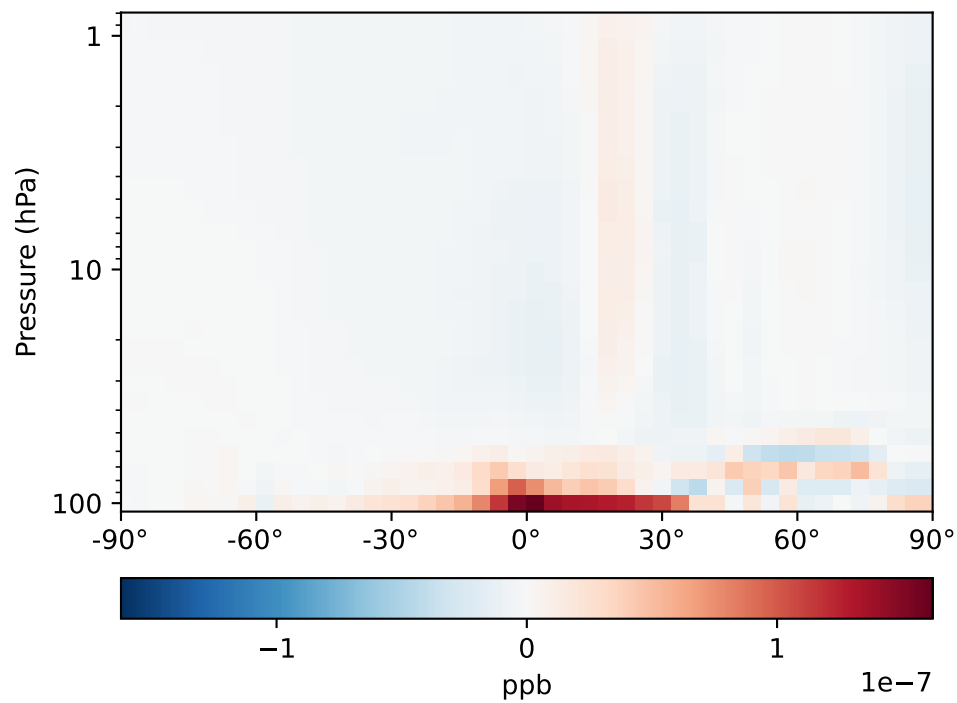


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

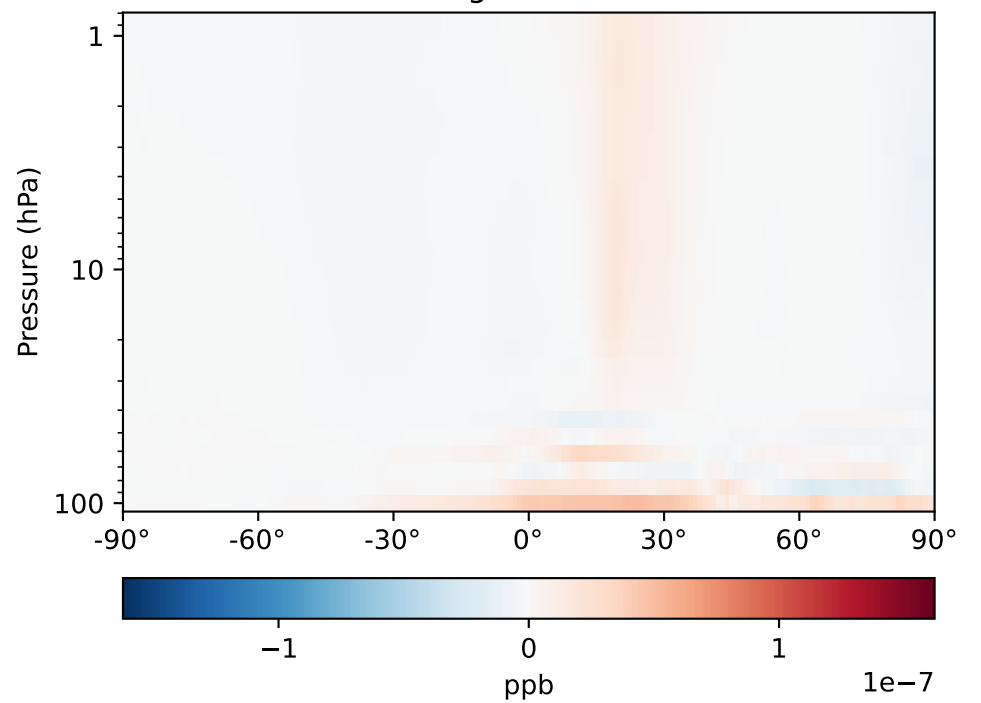


SpeciesConc_ASOG1, Zonal Mean

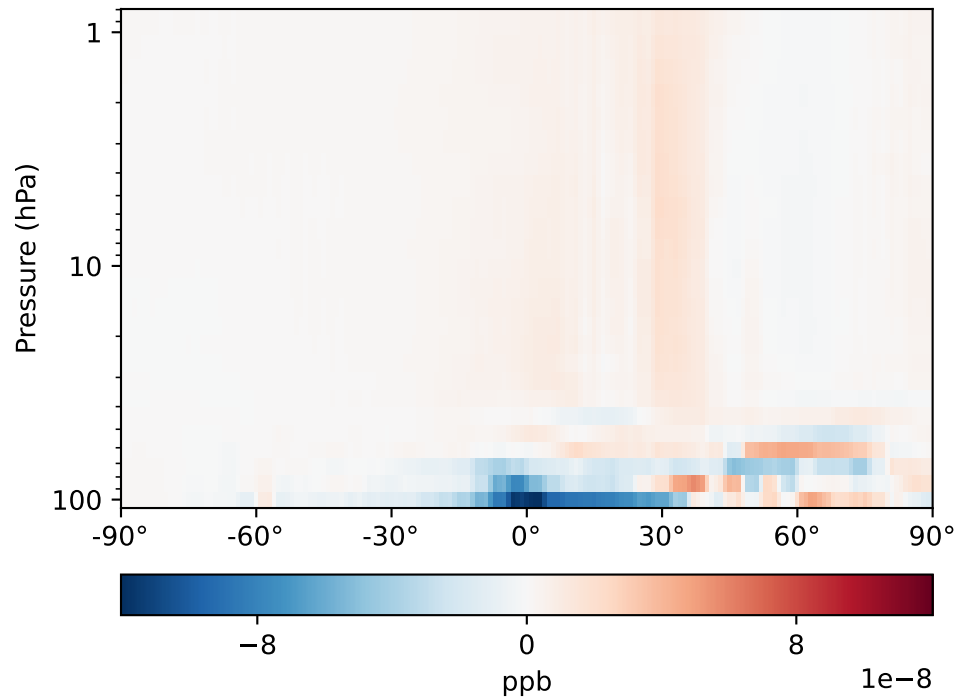
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



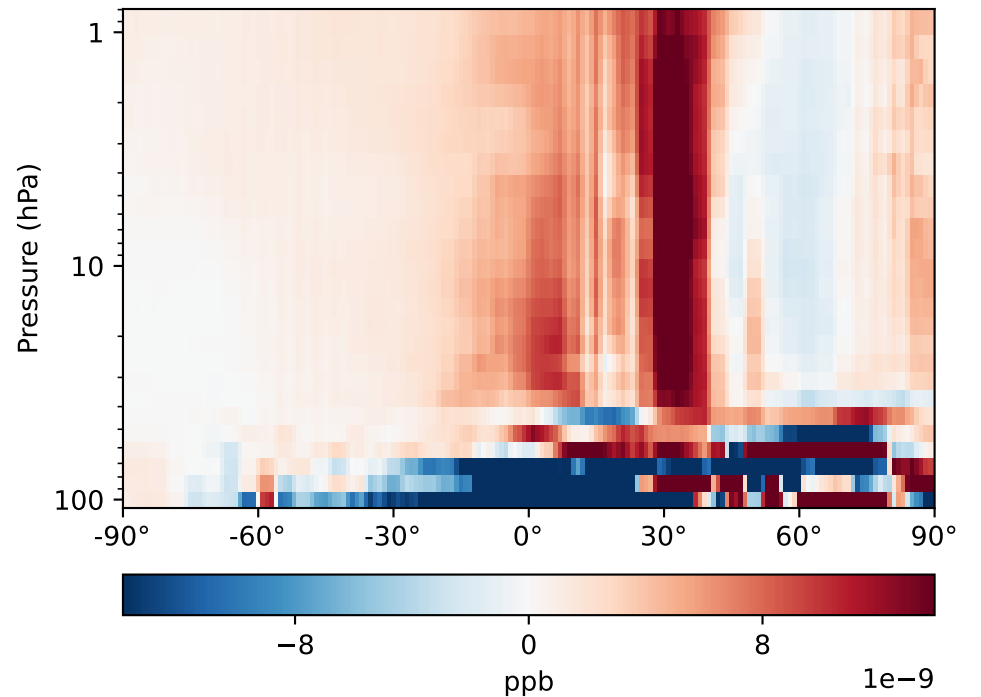
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



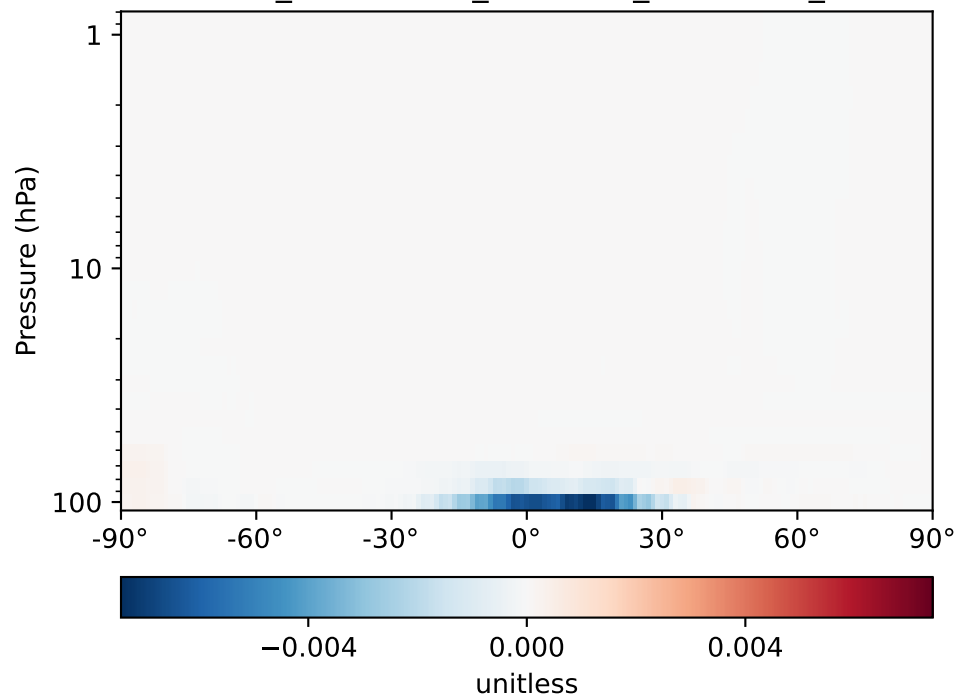
Difference (1x1.25)
Dev - Ref, Dynamic Range



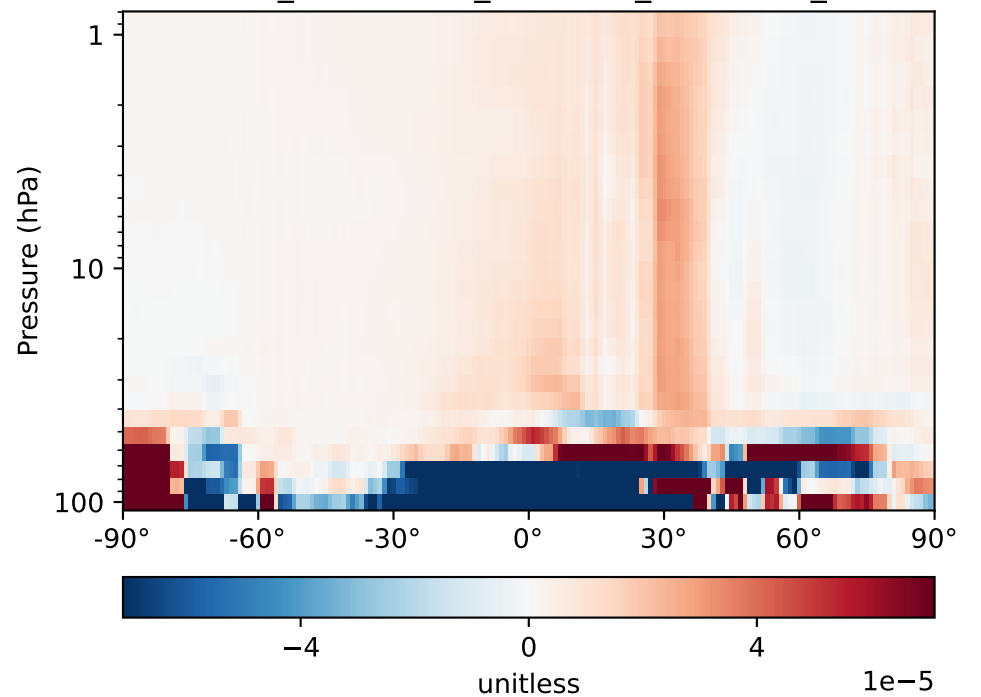
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

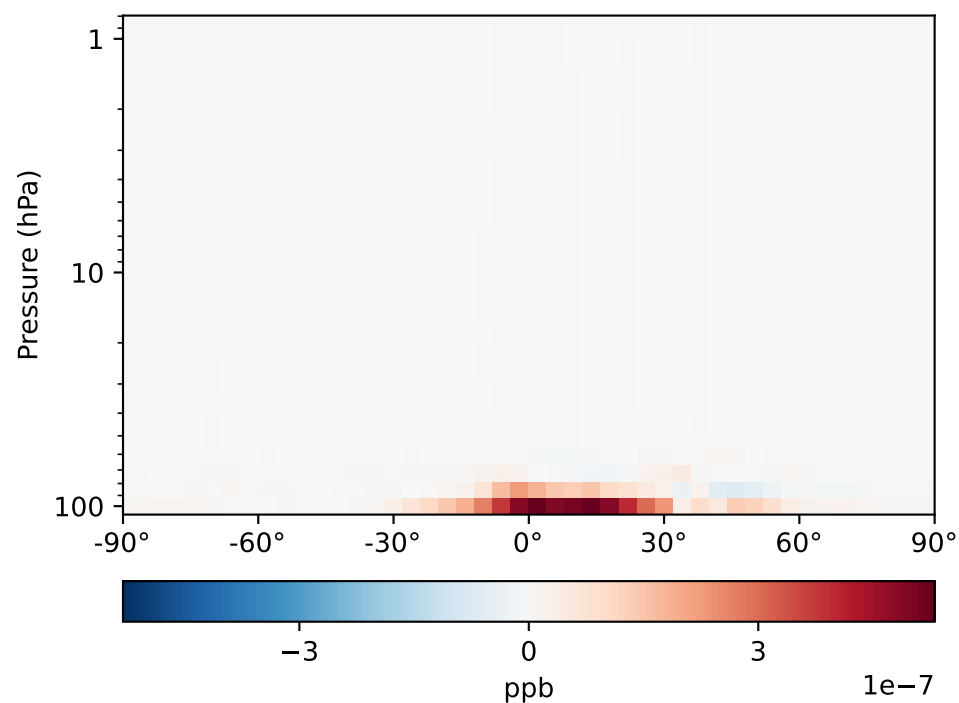


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

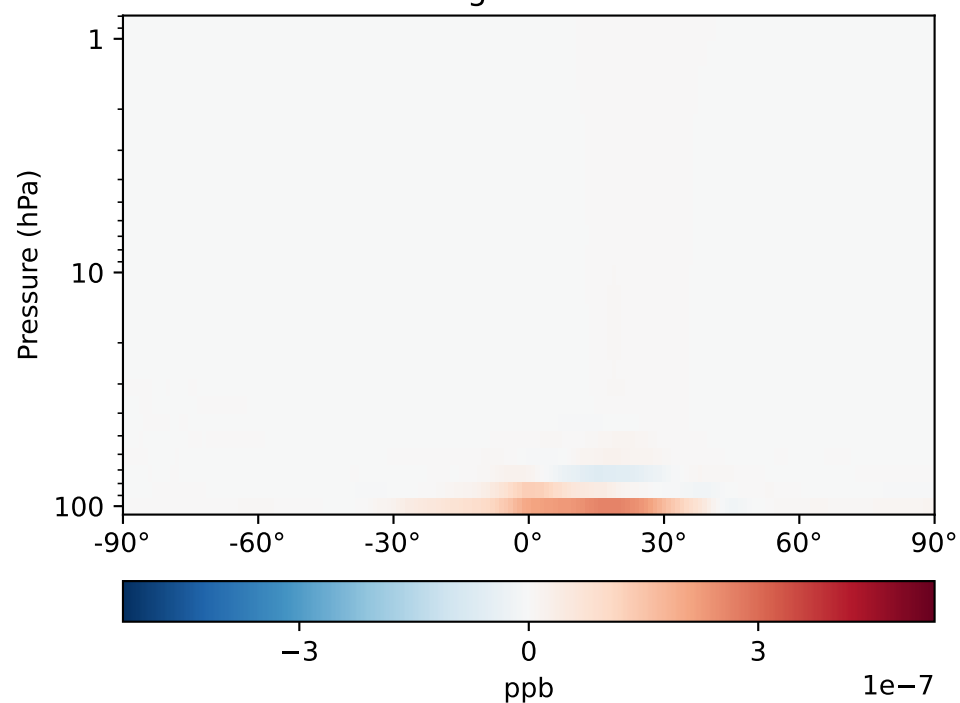


SpeciesConc_ASOG2, Zonal Mean

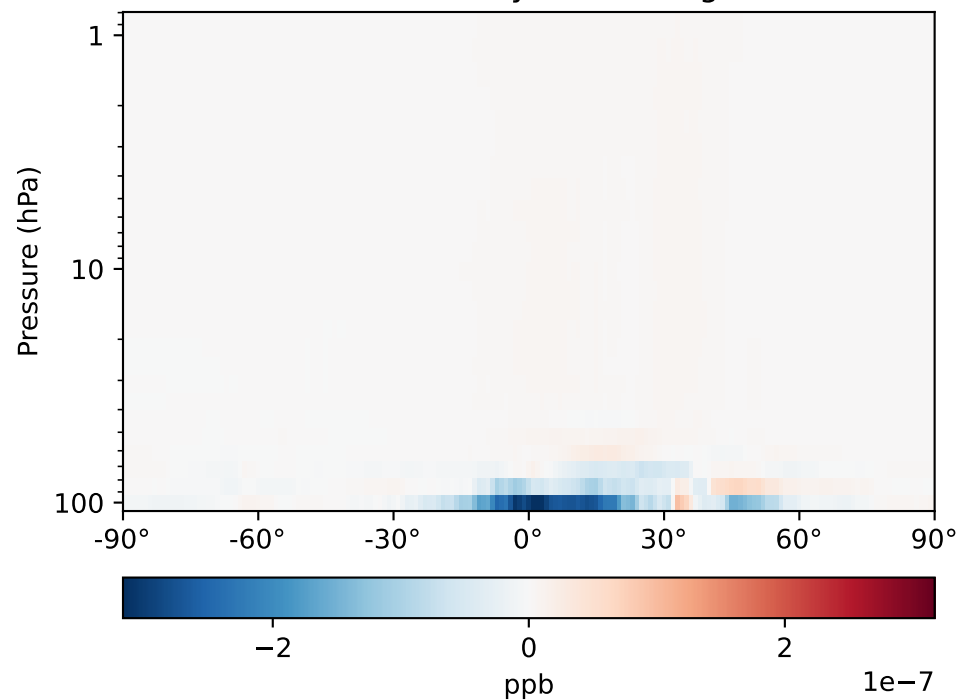
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



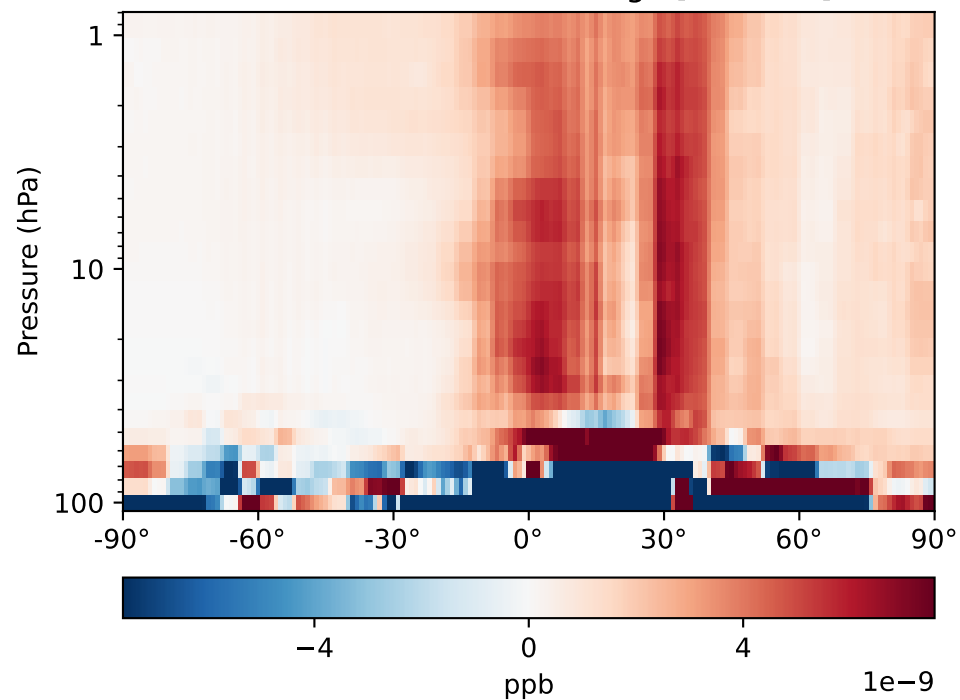
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



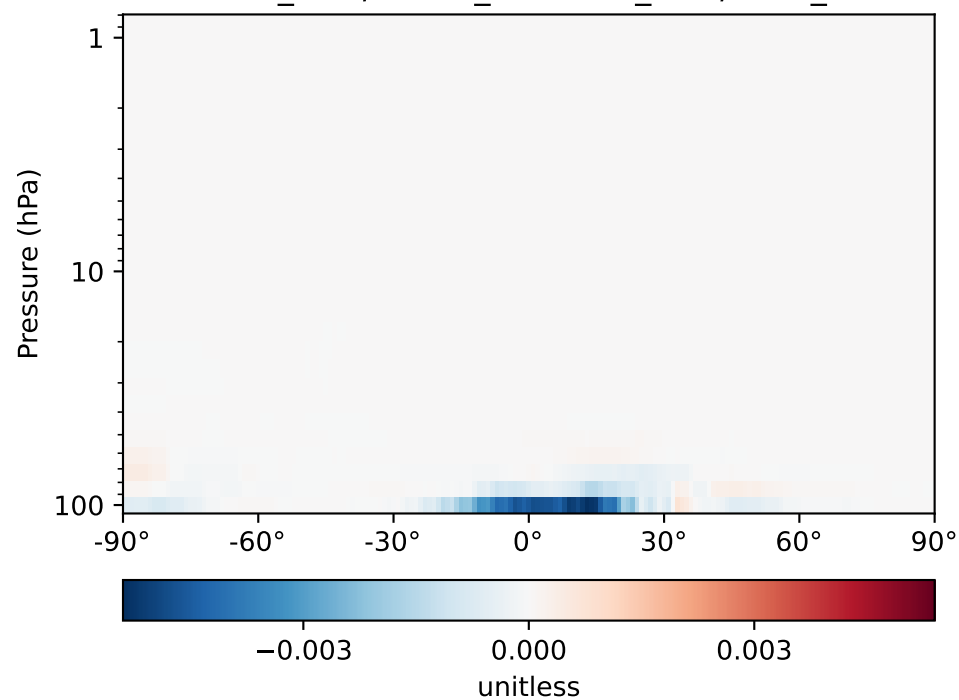
Difference (1x1.25)
Dev - Ref, Dynamic Range



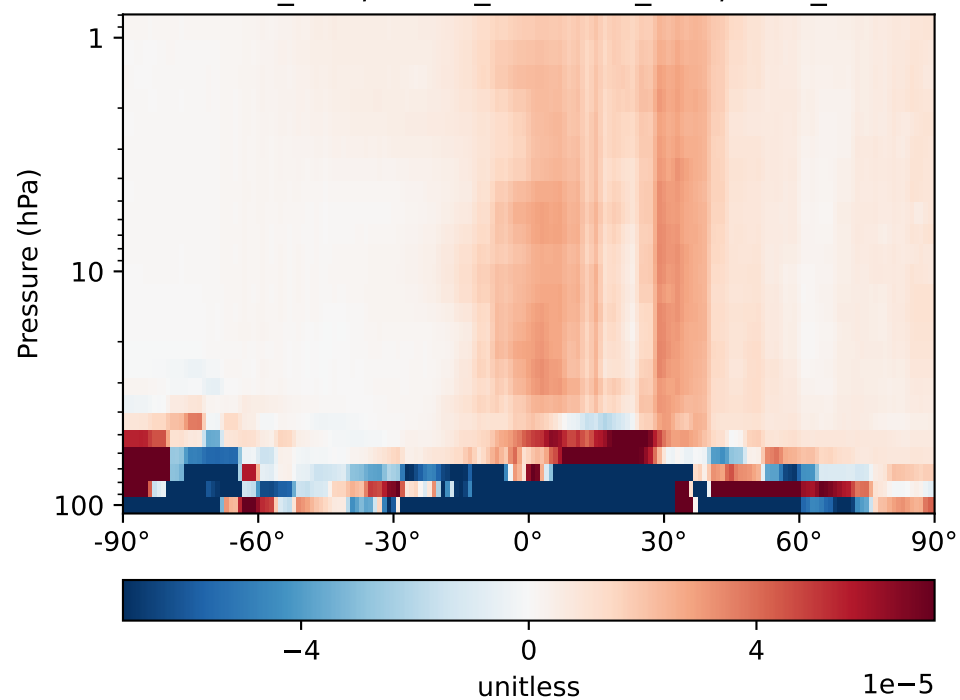
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

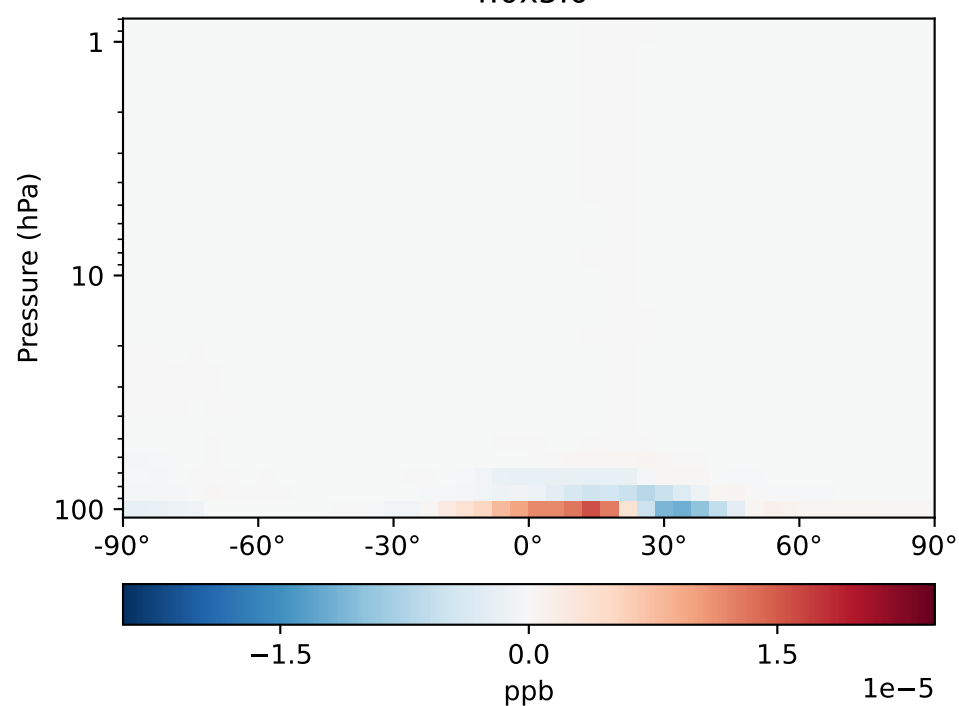


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

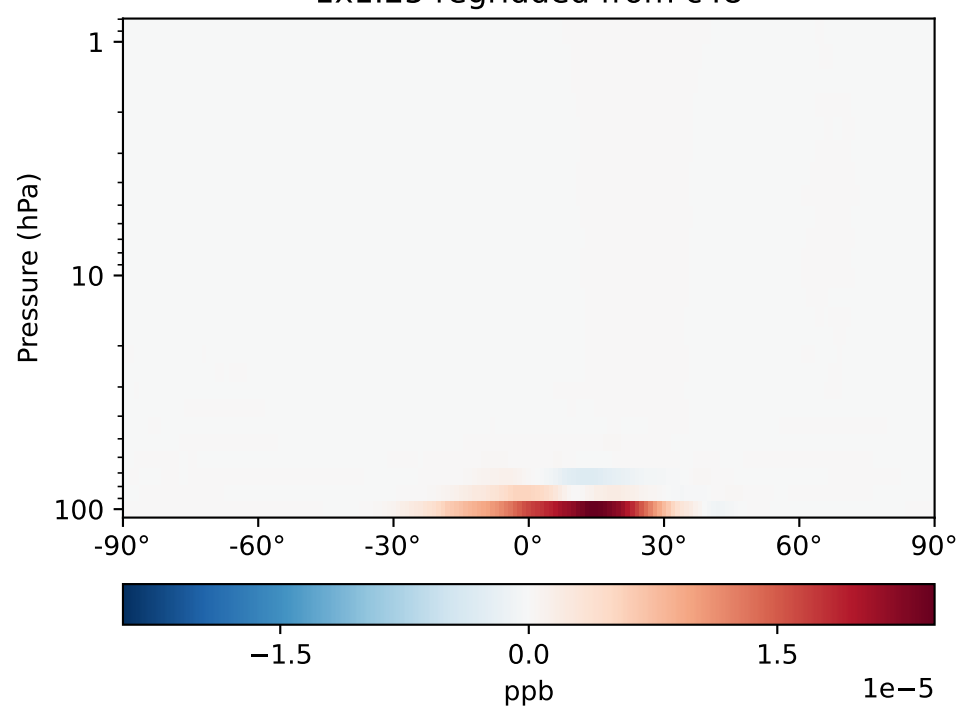


SpeciesConc_ASOG3, Zonal Mean

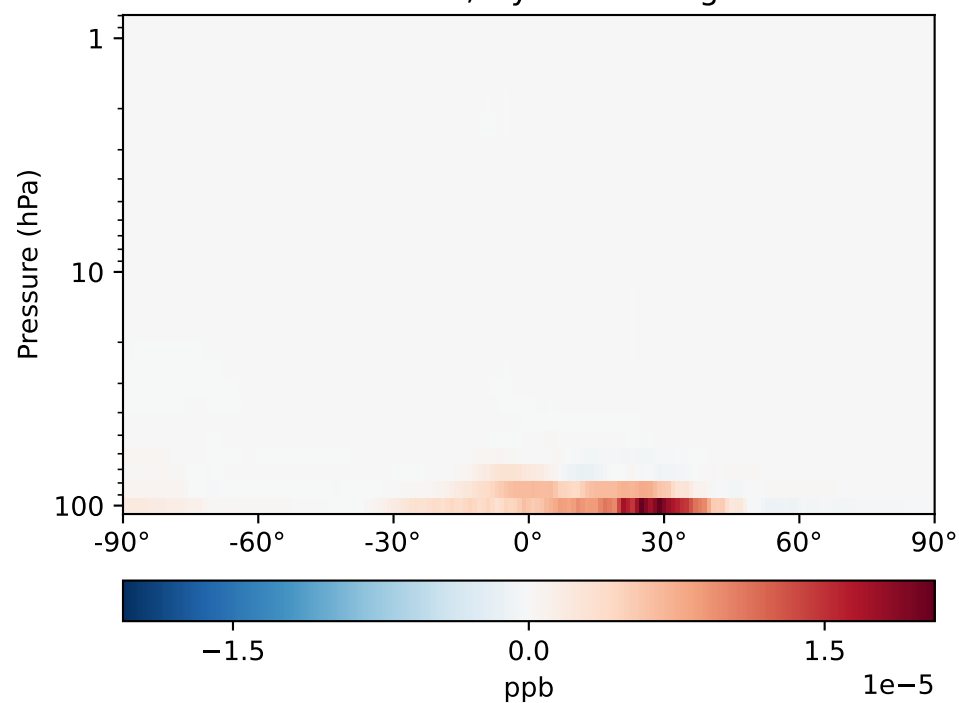
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



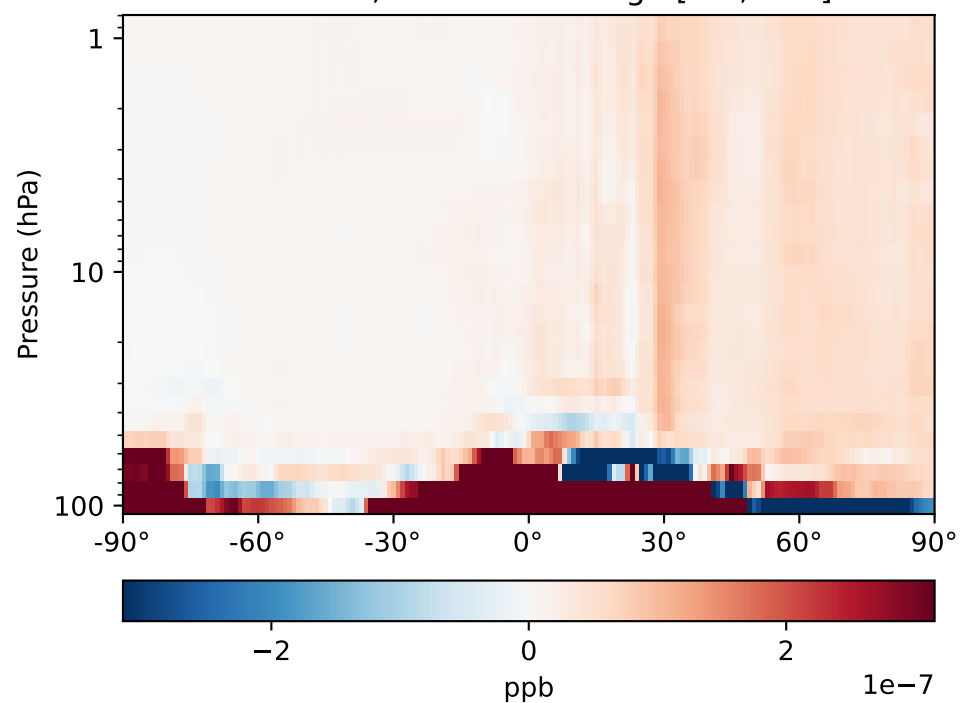
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



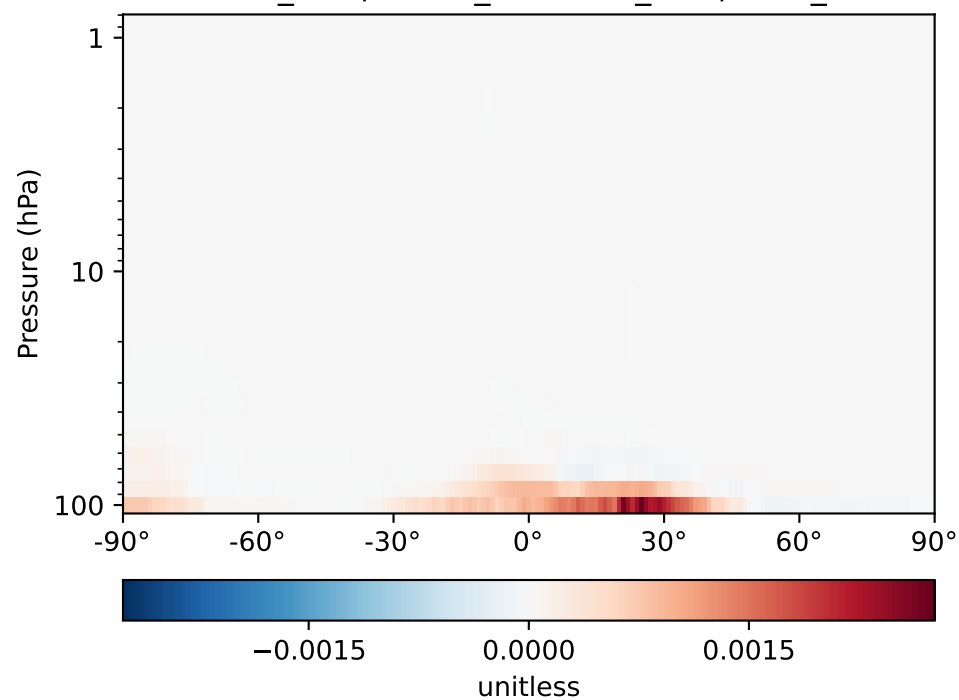
Difference (1x1.25)
Dev - Ref, Dynamic Range



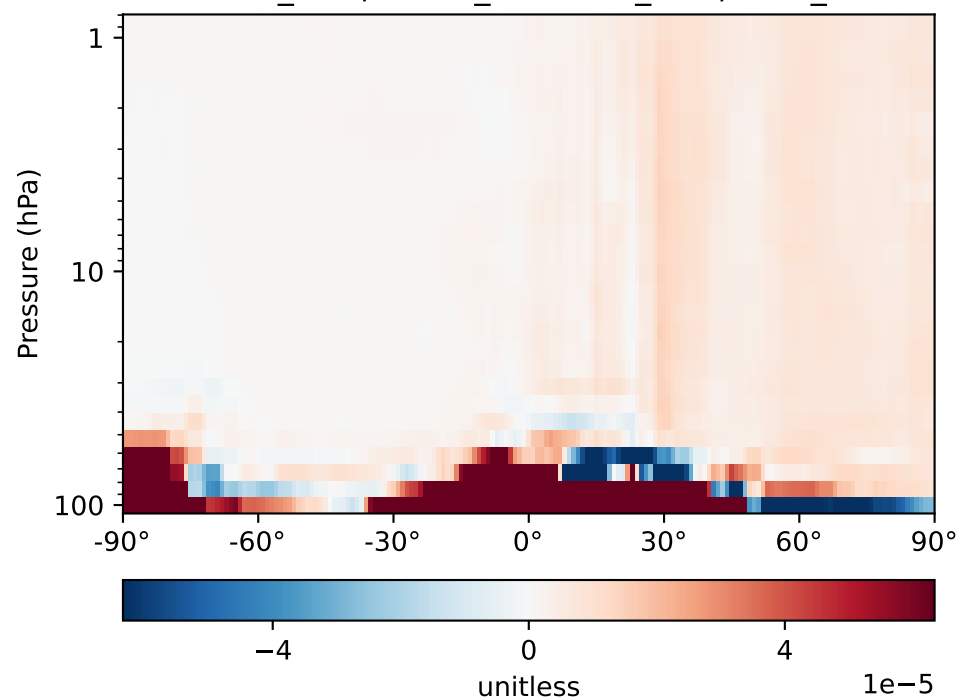
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

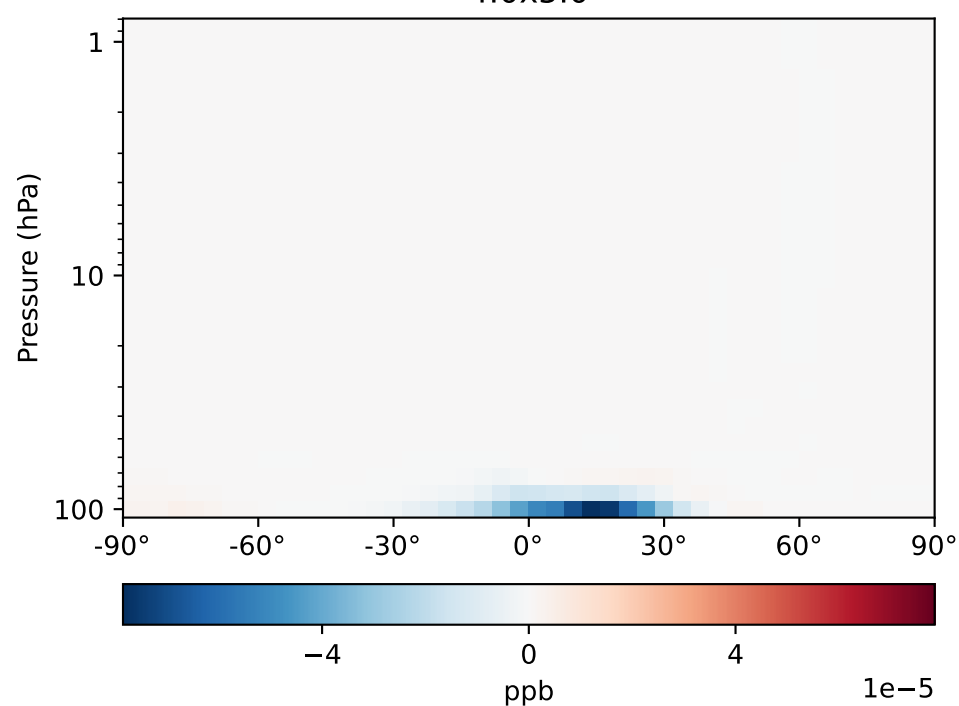


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

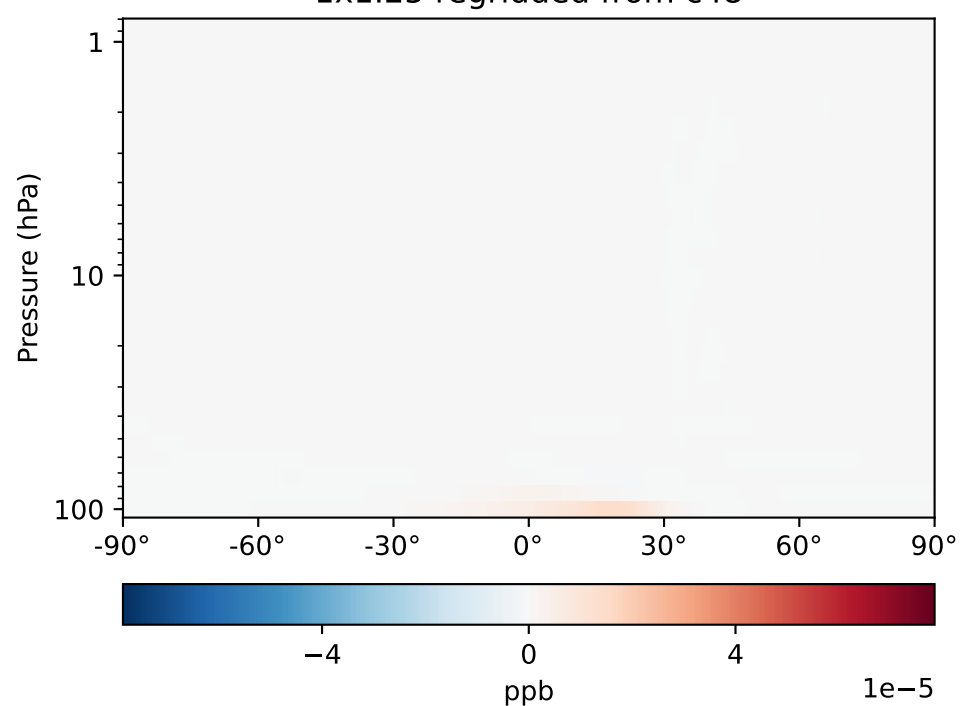


SpeciesConc_INDIOOL, Zonal Mean

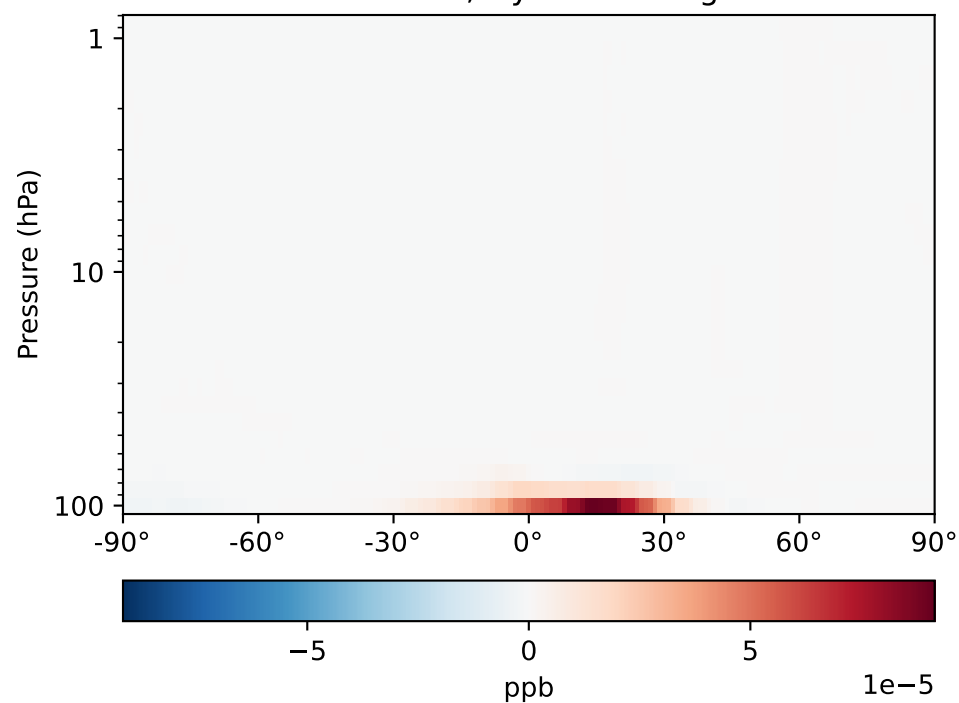
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



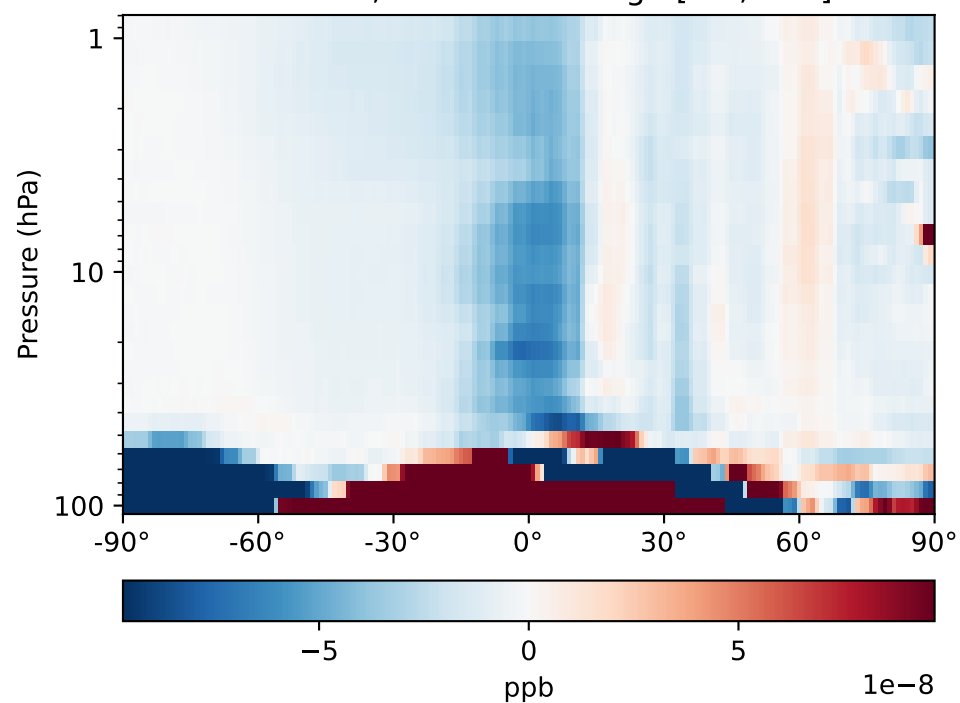
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



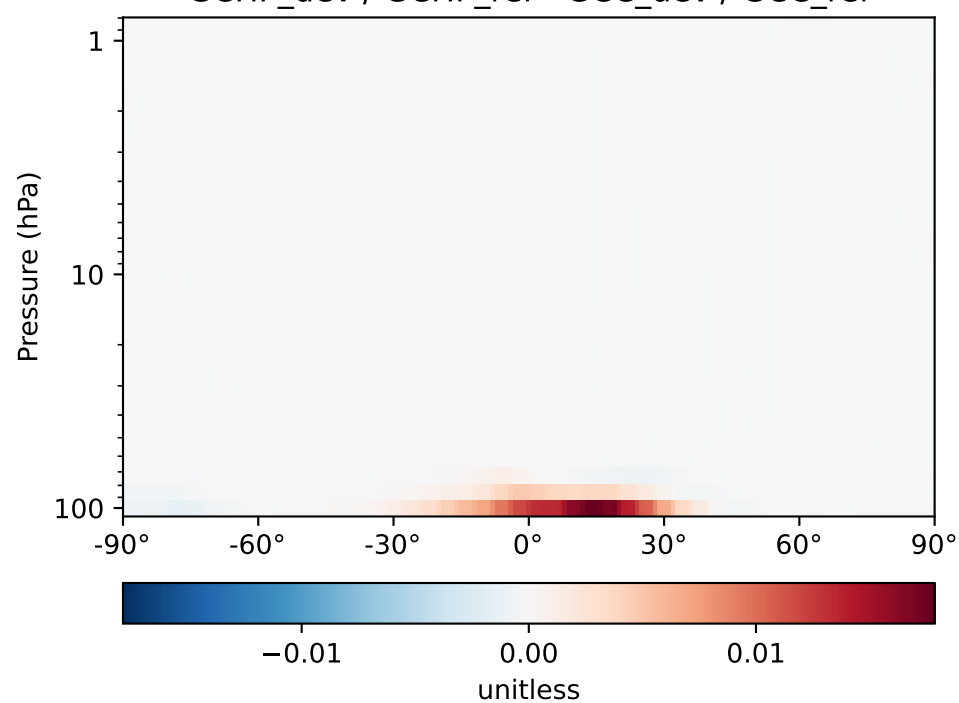
Difference (1x1.25)
Dev - Ref, Dynamic Range



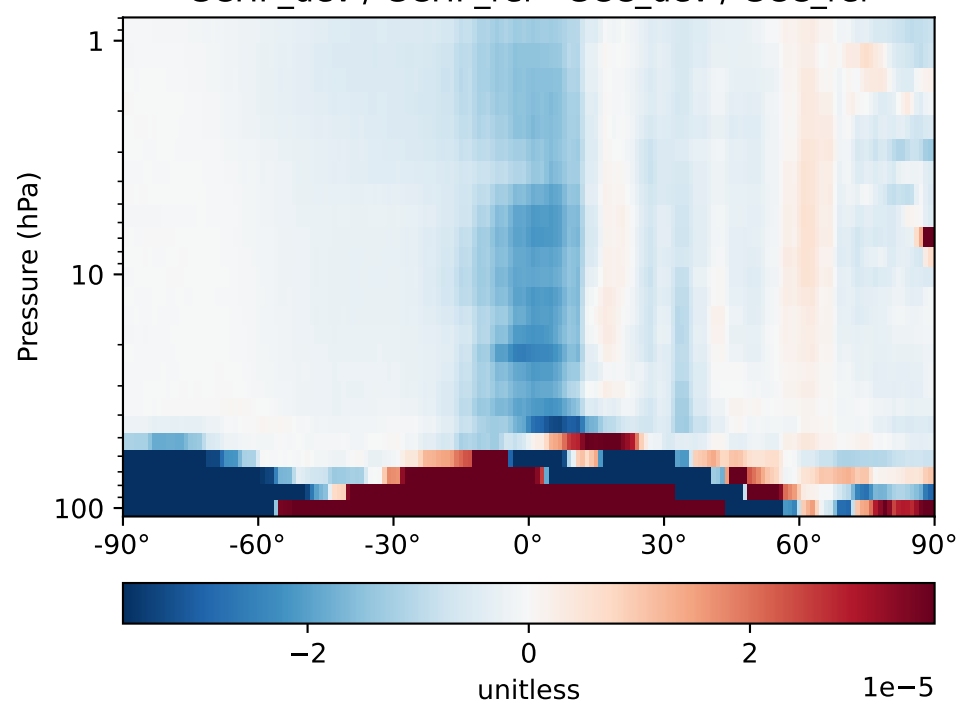
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

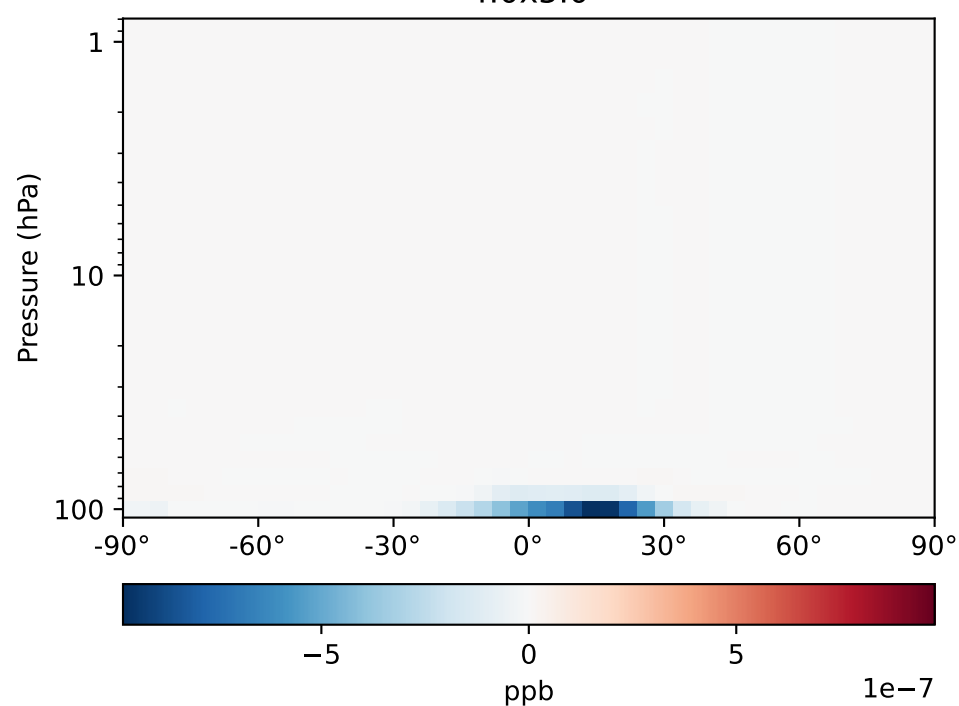


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

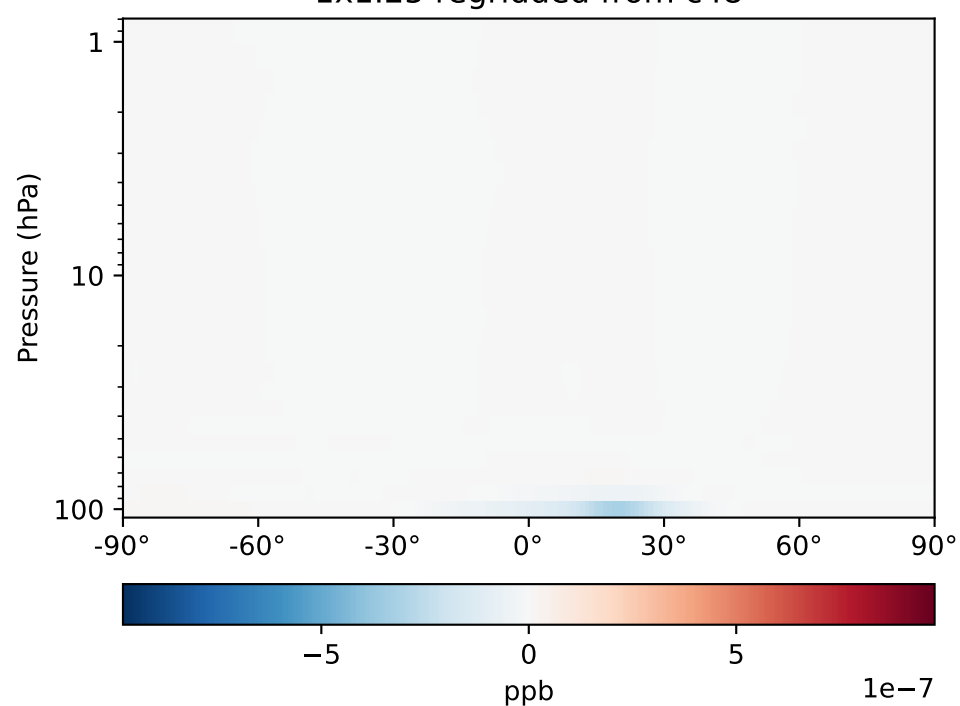


SpeciesConc_LVOCOA, Zonal Mean

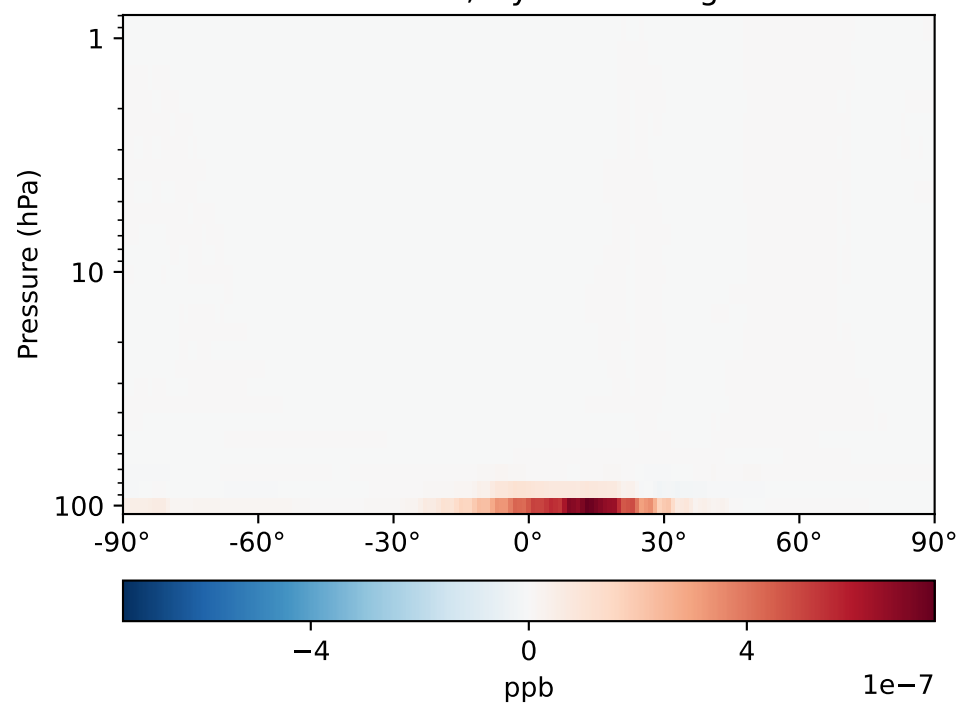
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



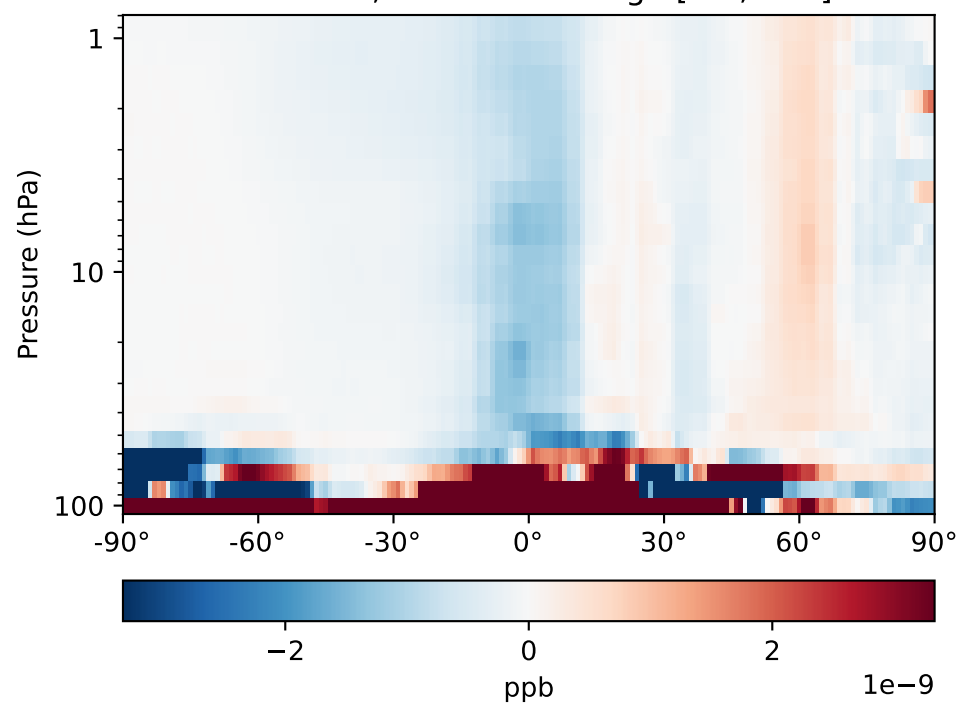
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



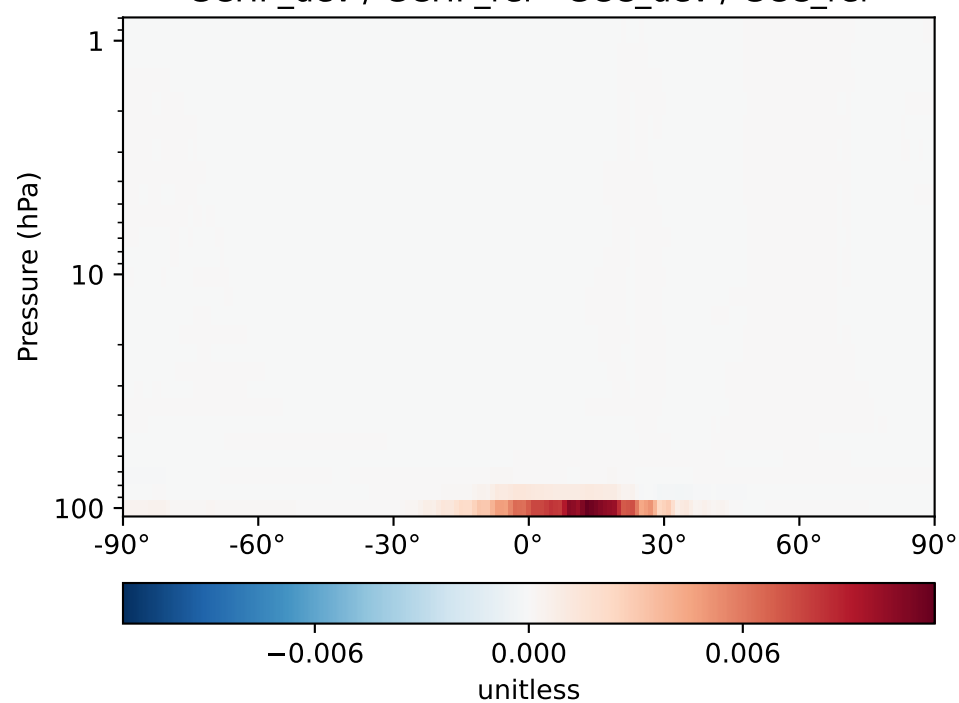
Difference (1x1.25)
Dev - Ref, Dynamic Range



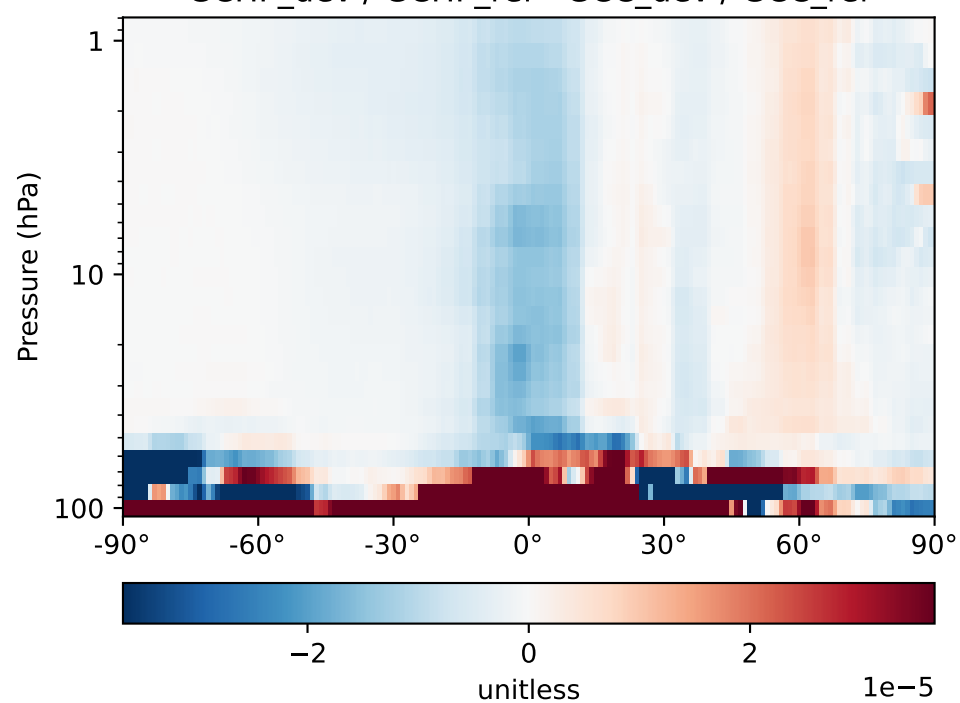
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

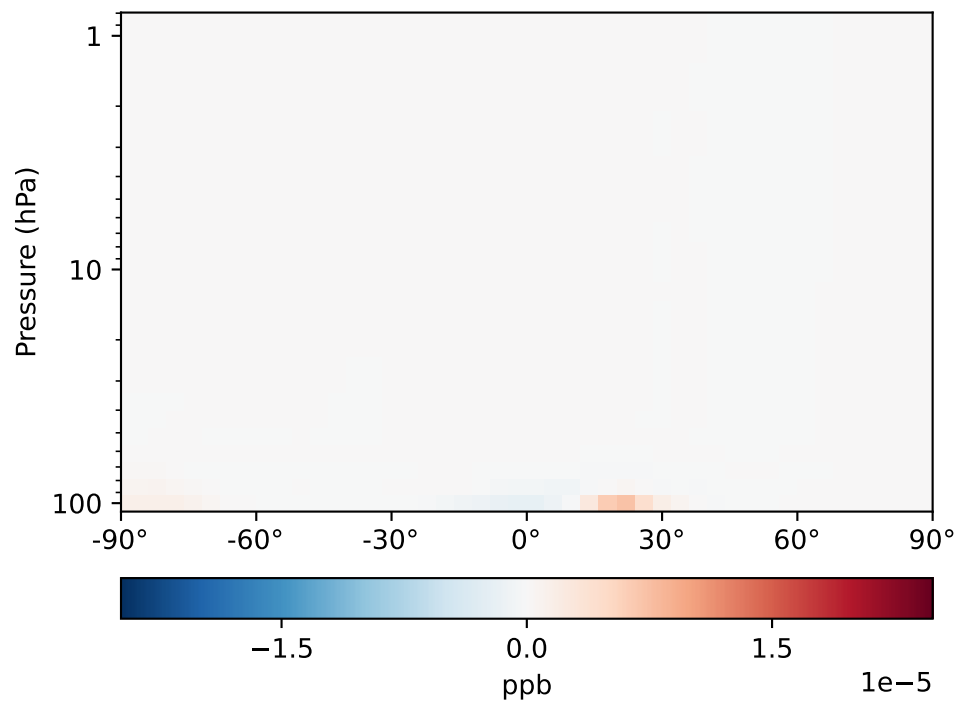


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

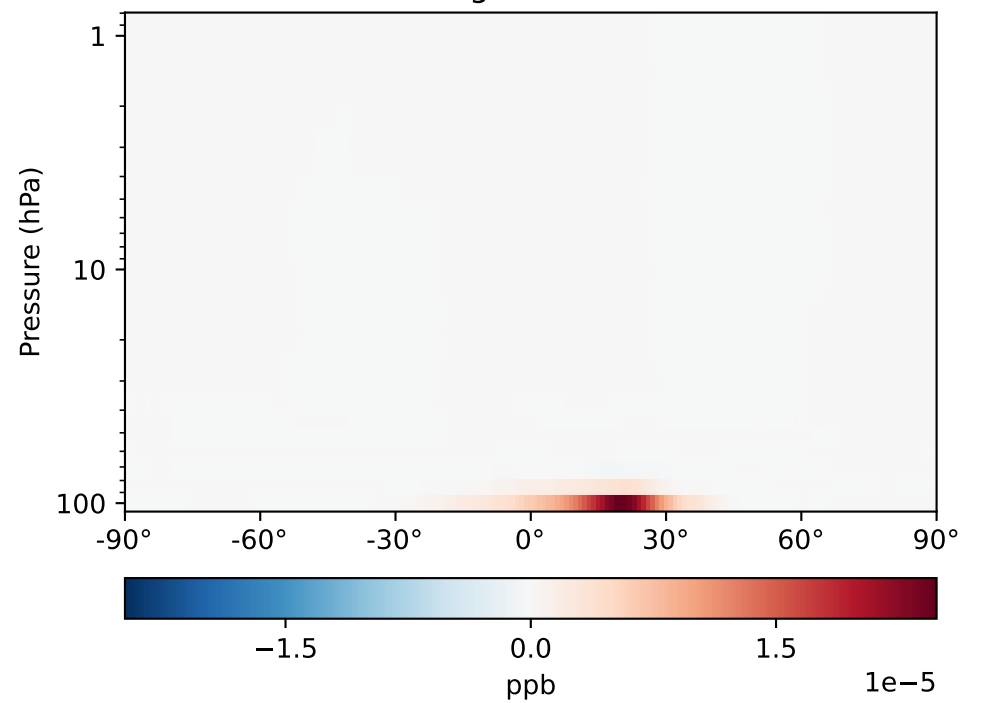


SpeciesConc_SOAIE, Zonal Mean

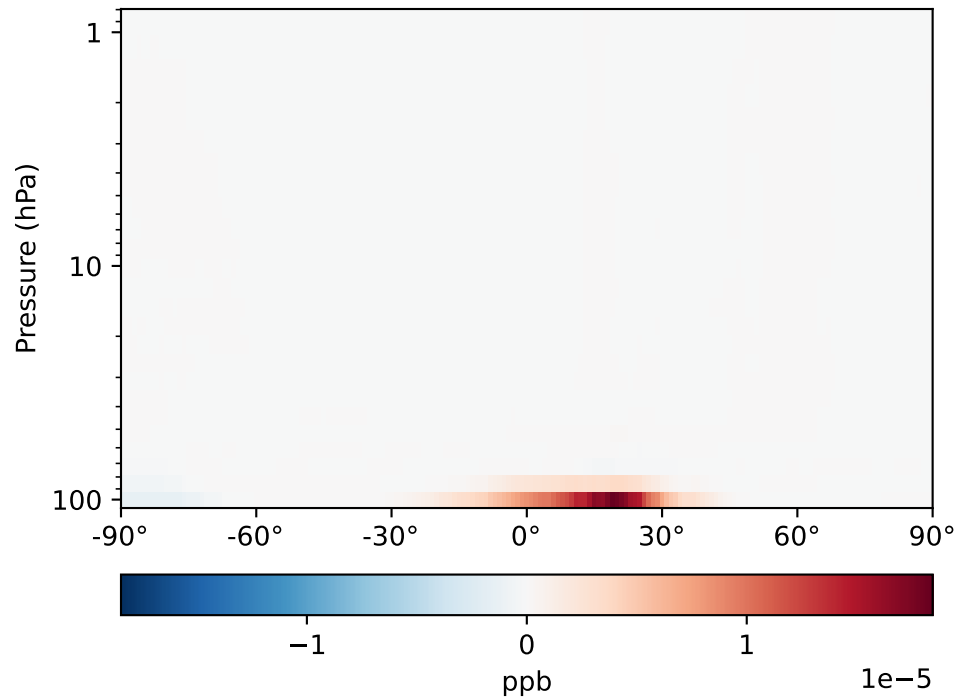
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



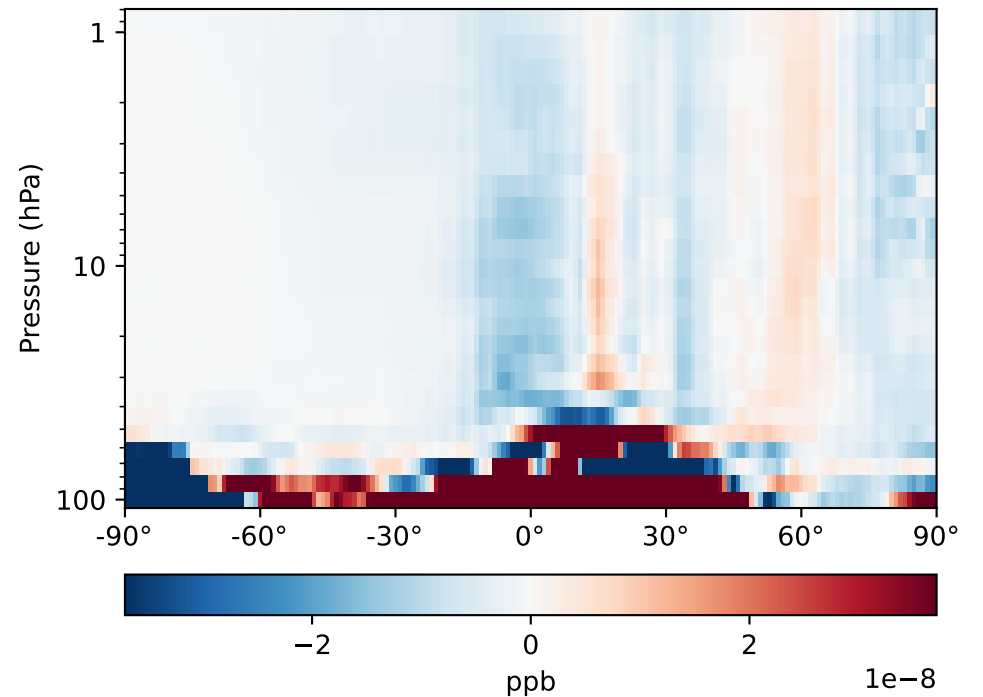
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



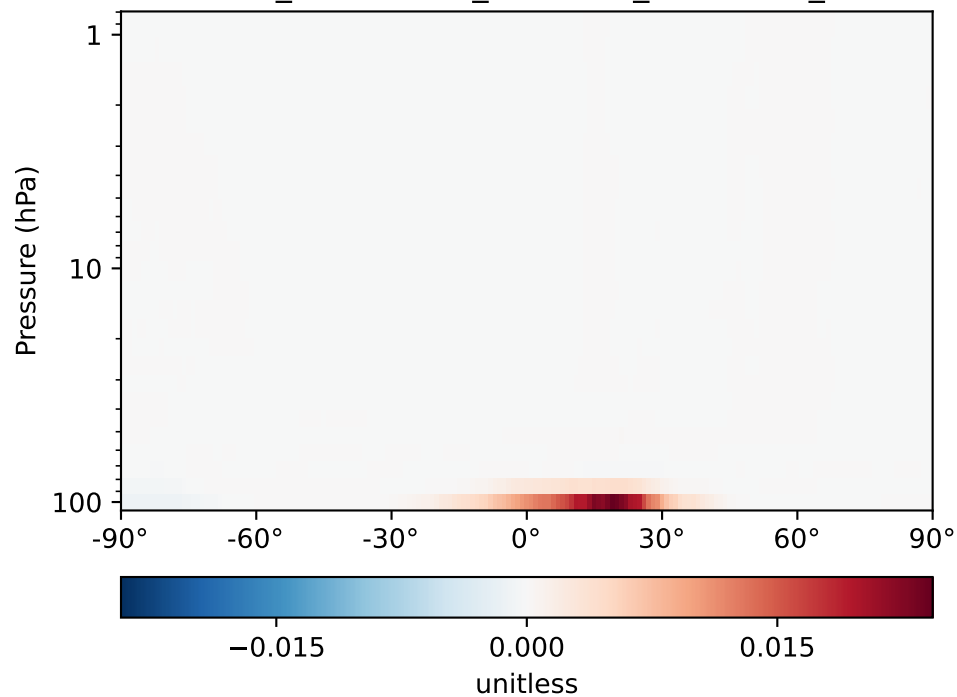
Difference (1x1.25)
Dev - Ref, Dynamic Range



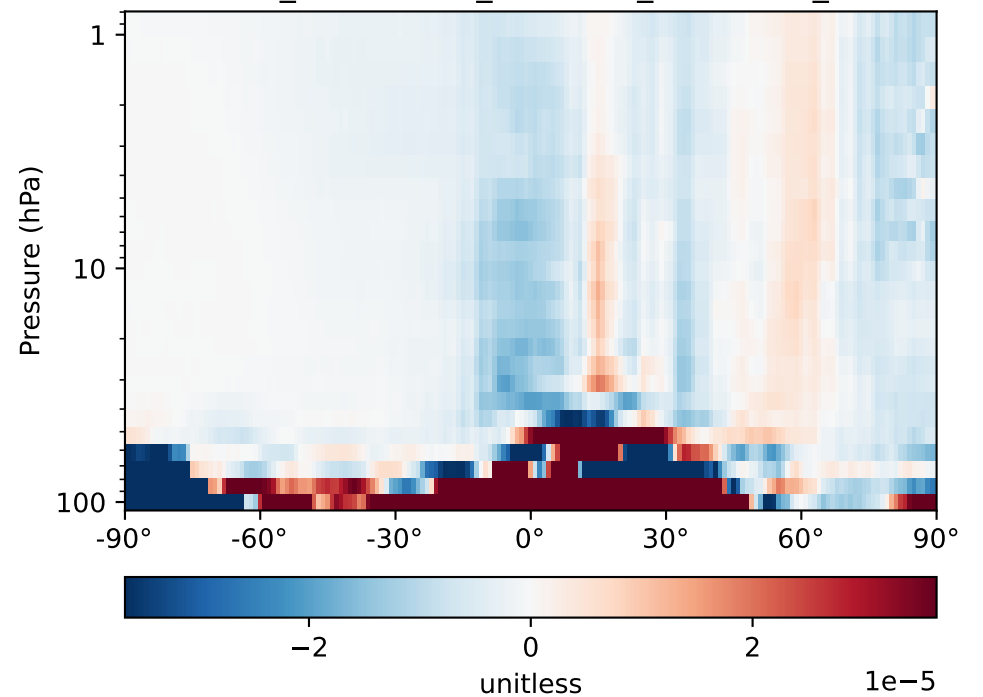
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

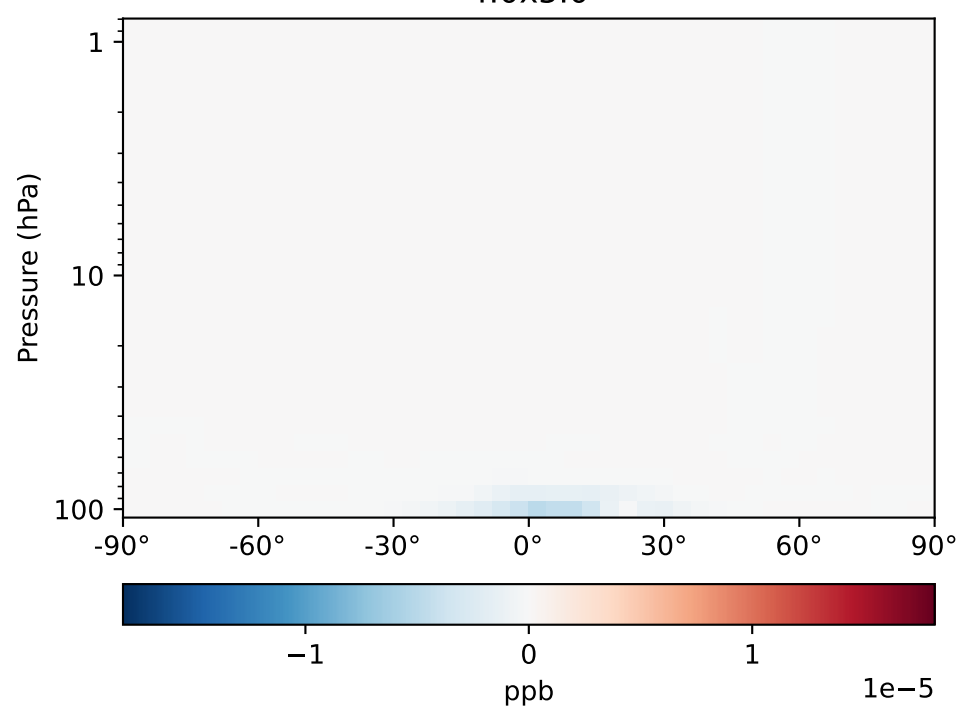


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

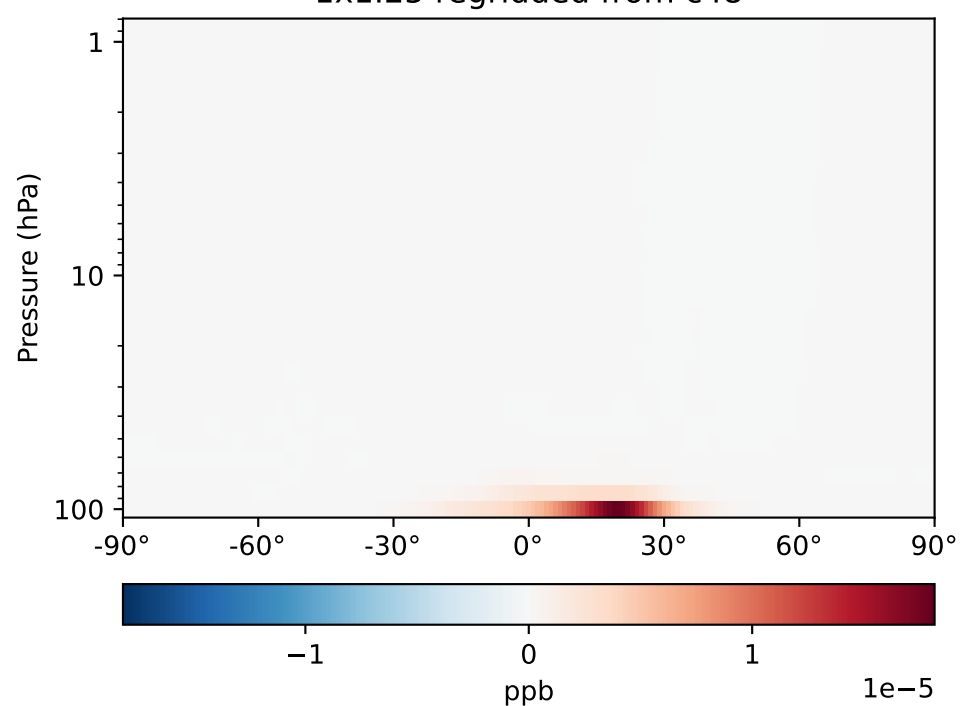


SpeciesConc_SOAGX, Zonal Mean

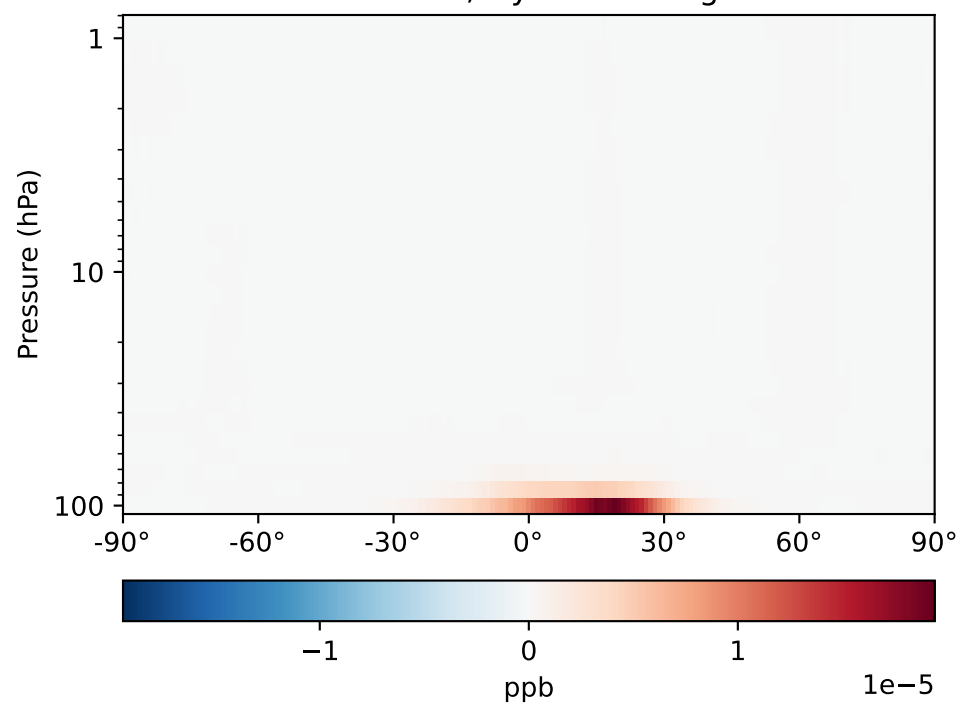
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



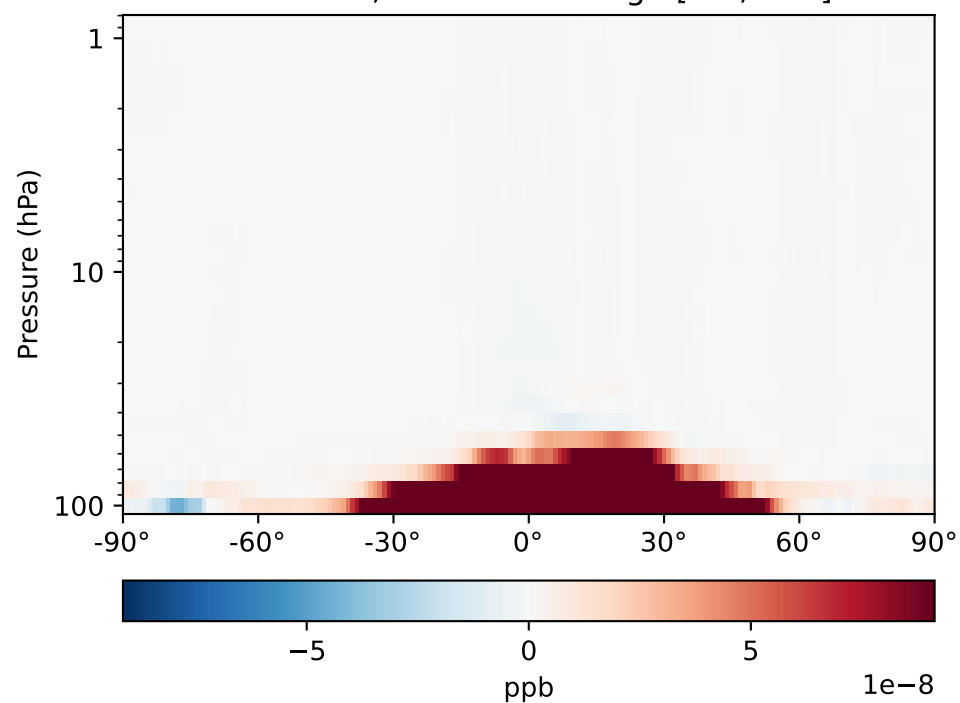
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



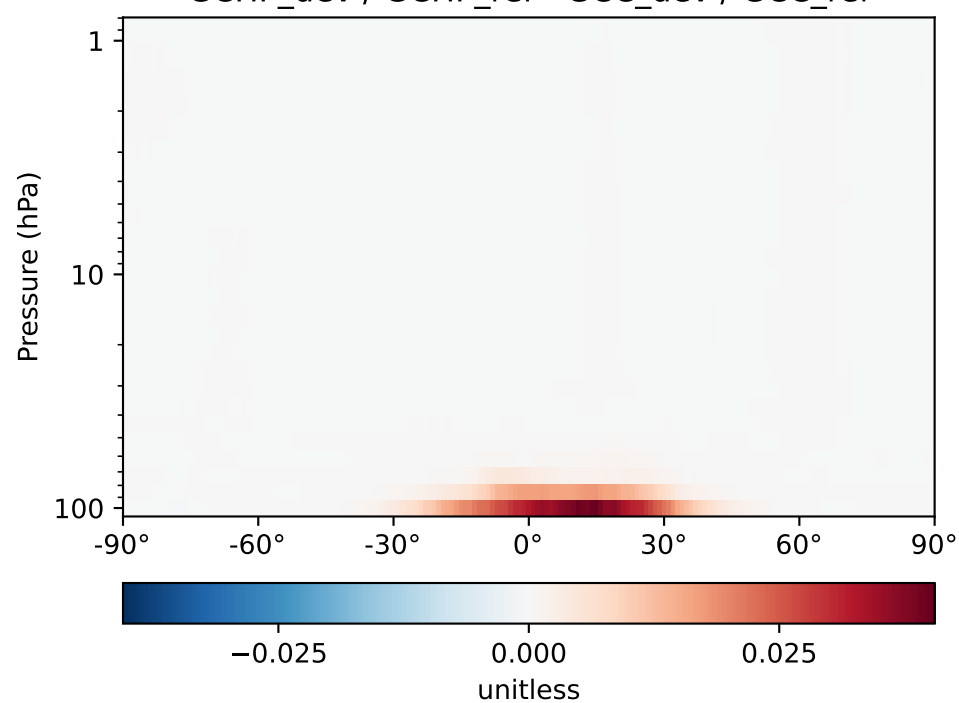
Difference (1x1.25)
Dev - Ref, Dynamic Range



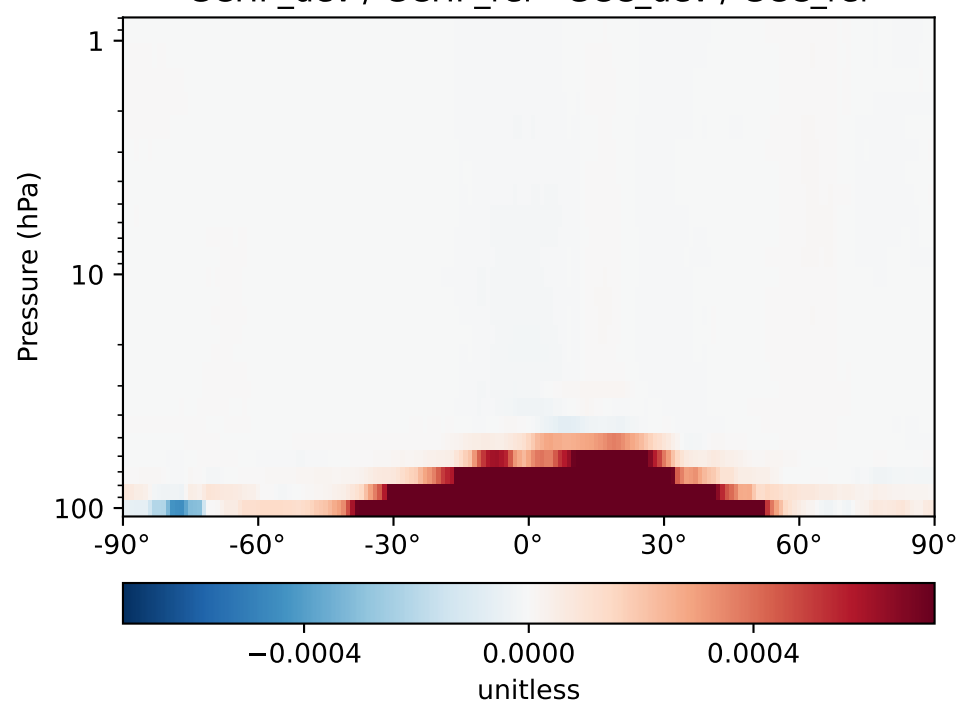
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

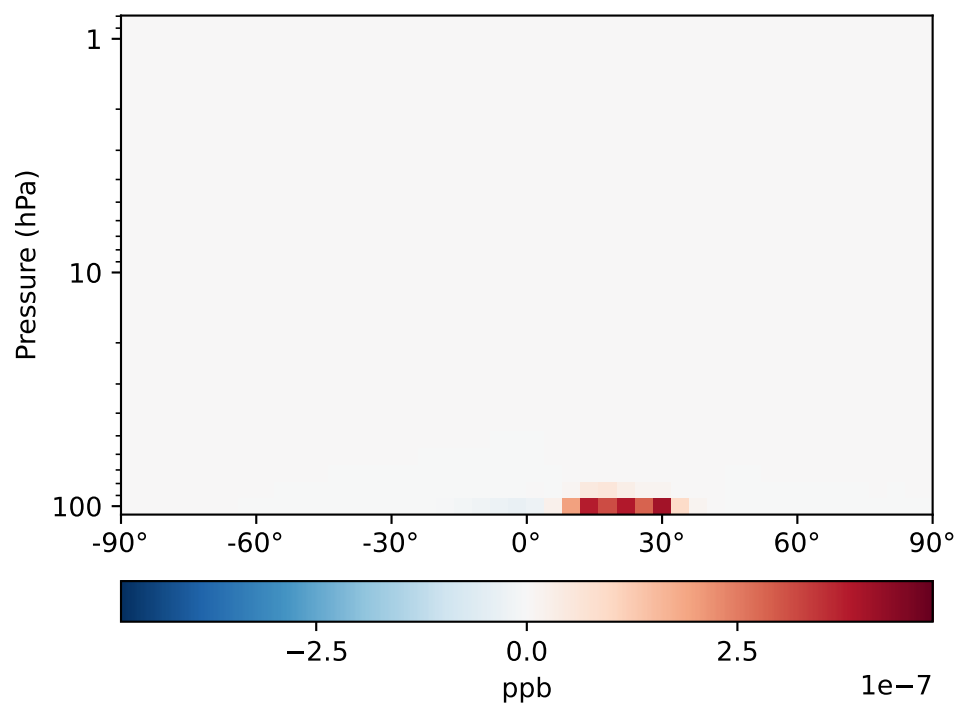


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

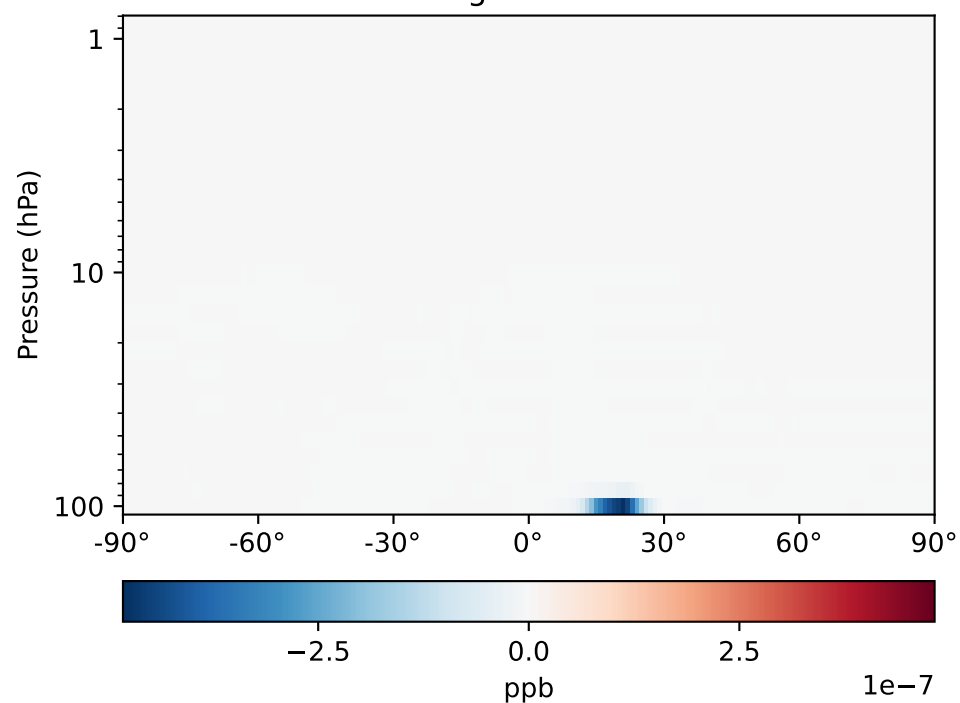


SpeciesConc_SOAP, Zonal Mean

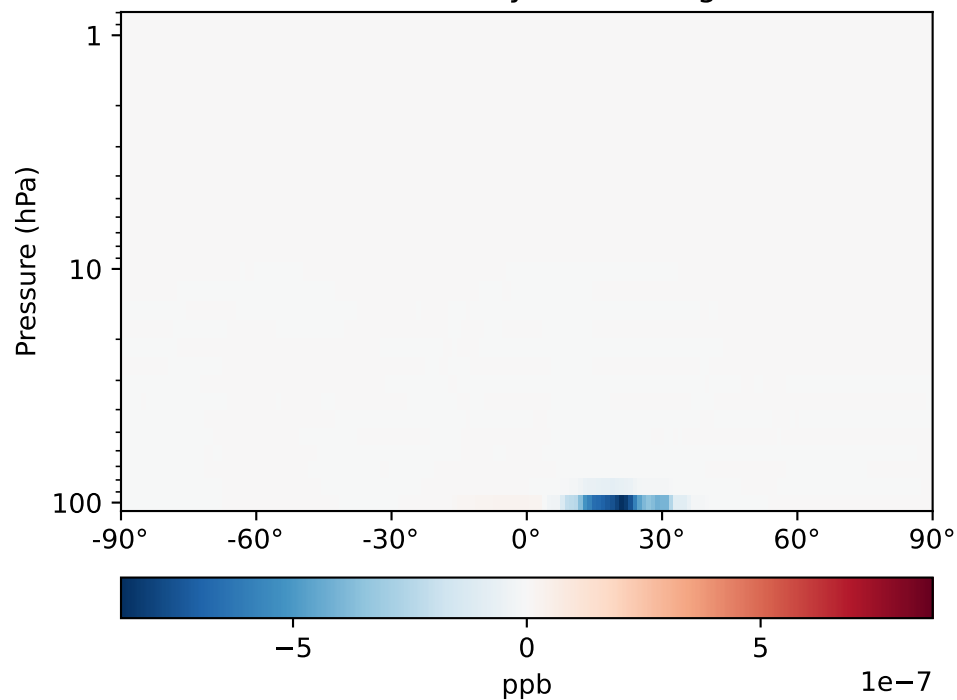
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



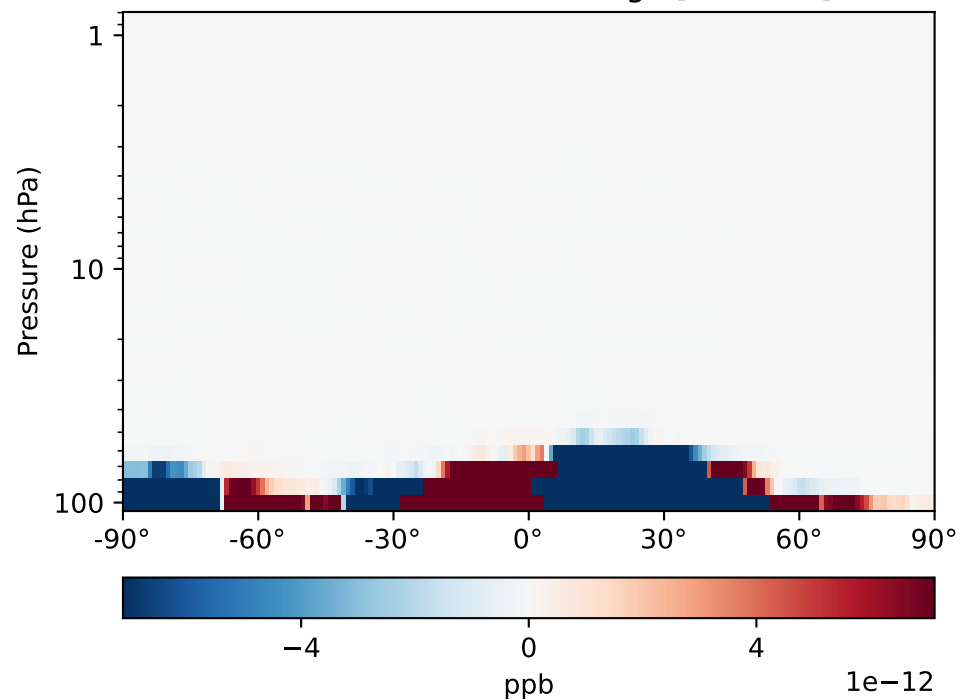
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



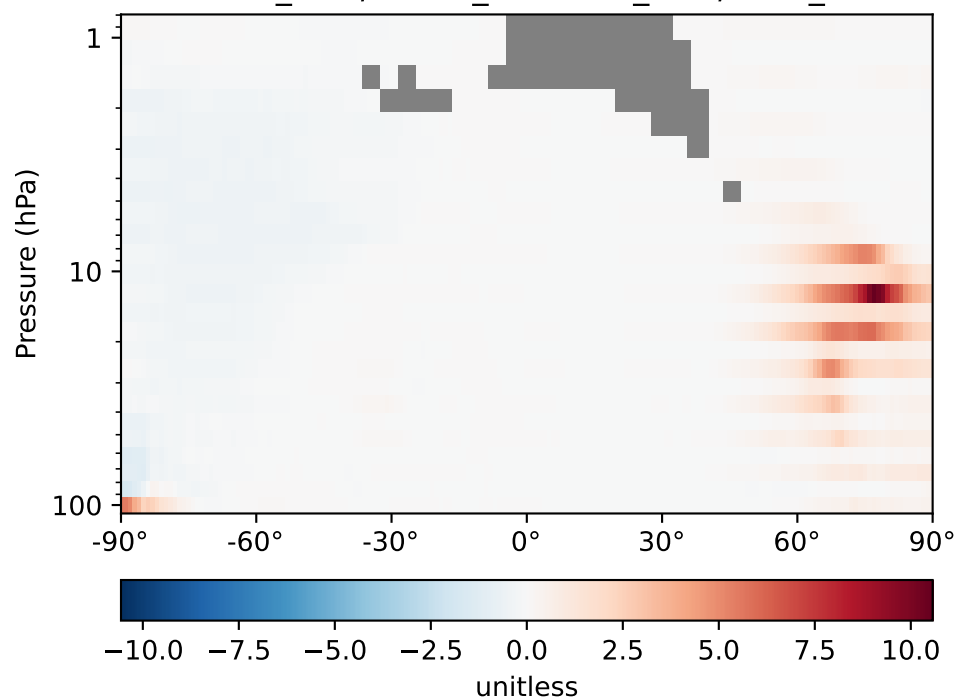
Difference (1x1.25)
Dev - Ref, Dynamic Range



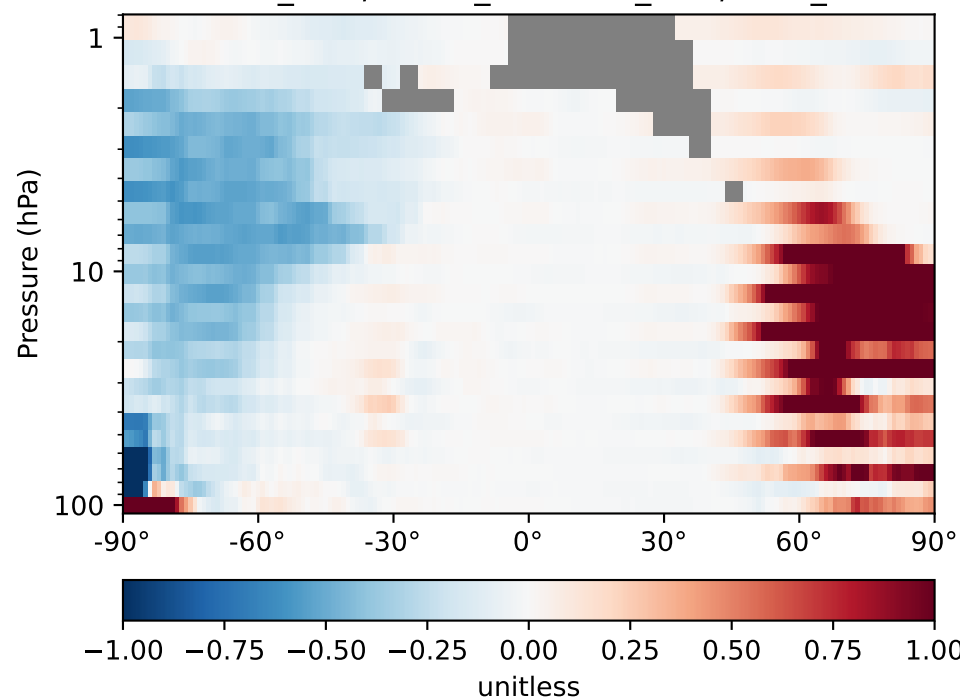
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

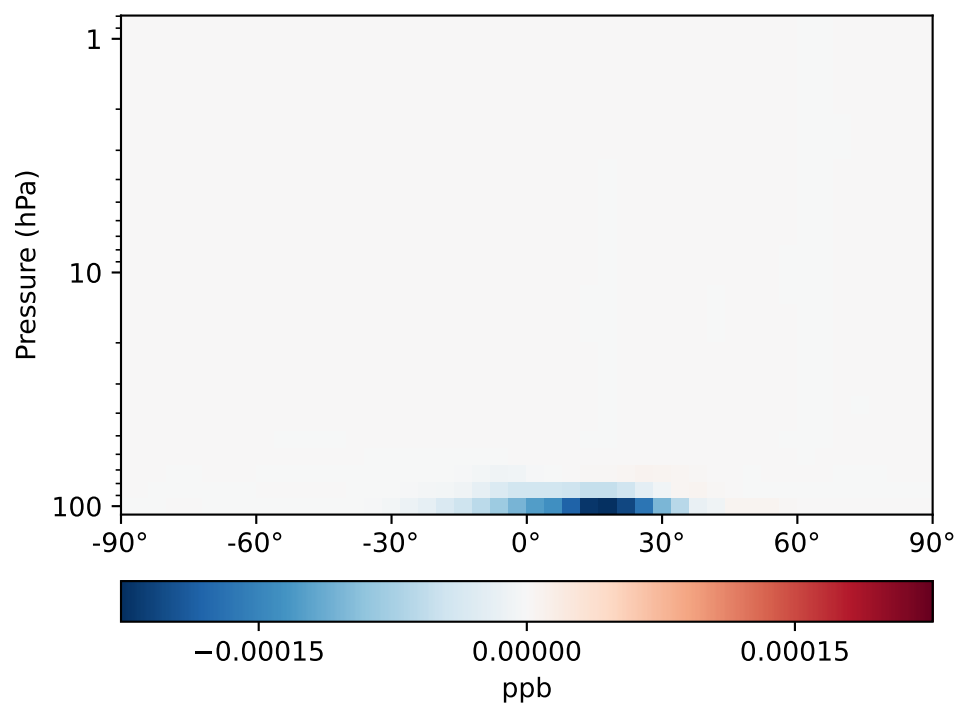


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

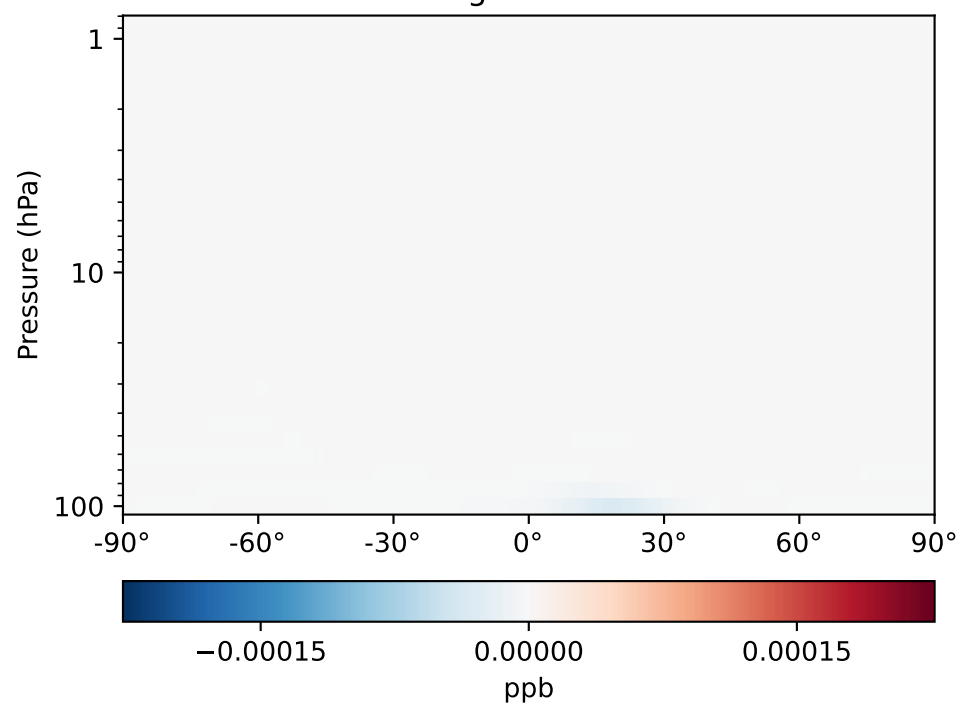


SpeciesConc_SOAS, Zonal Mean

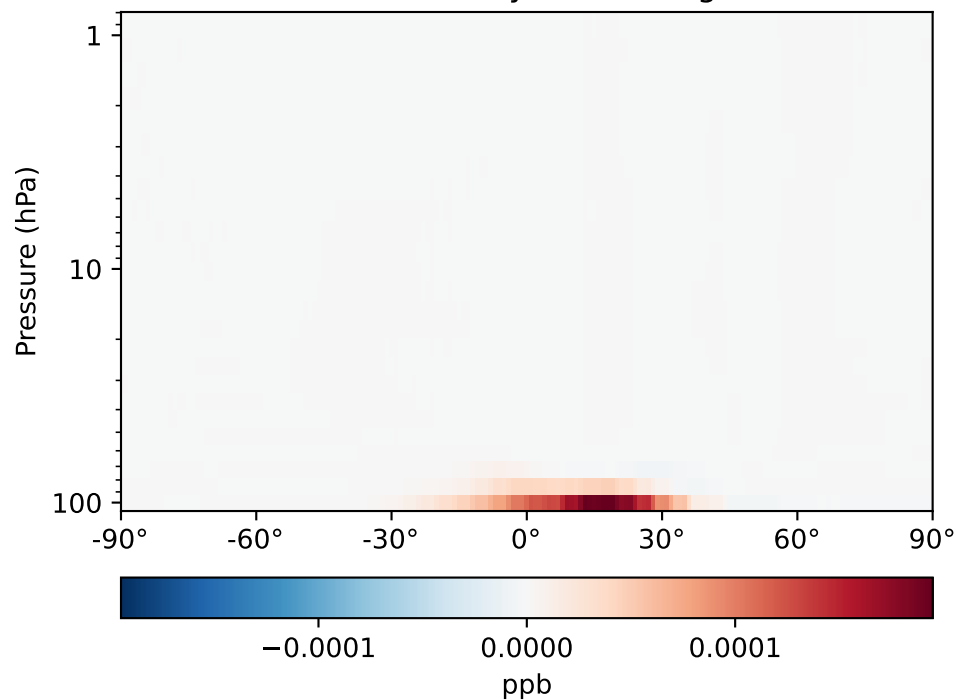
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



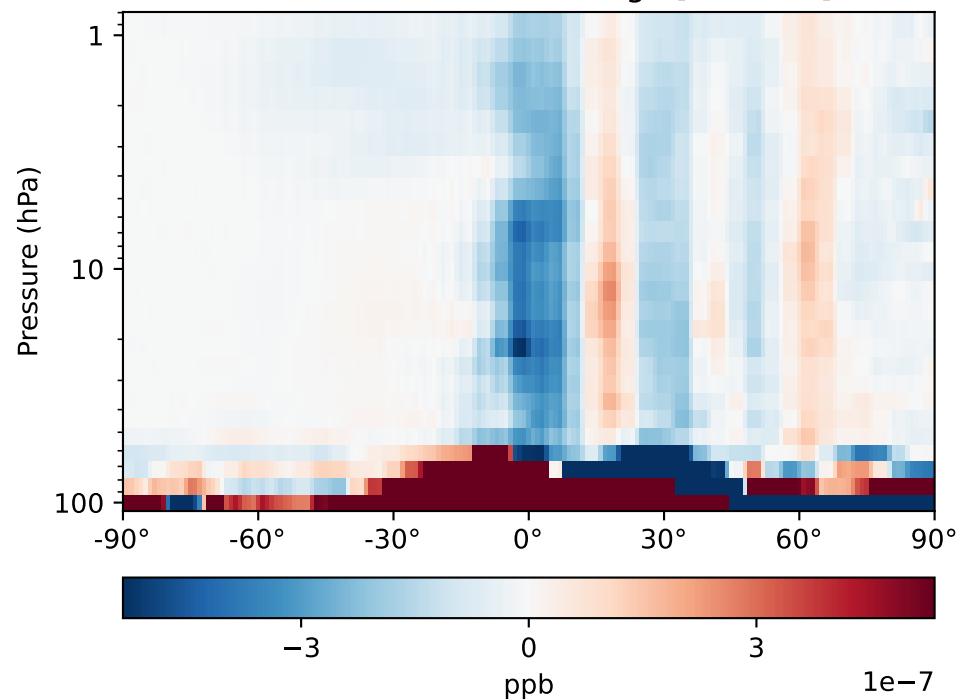
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



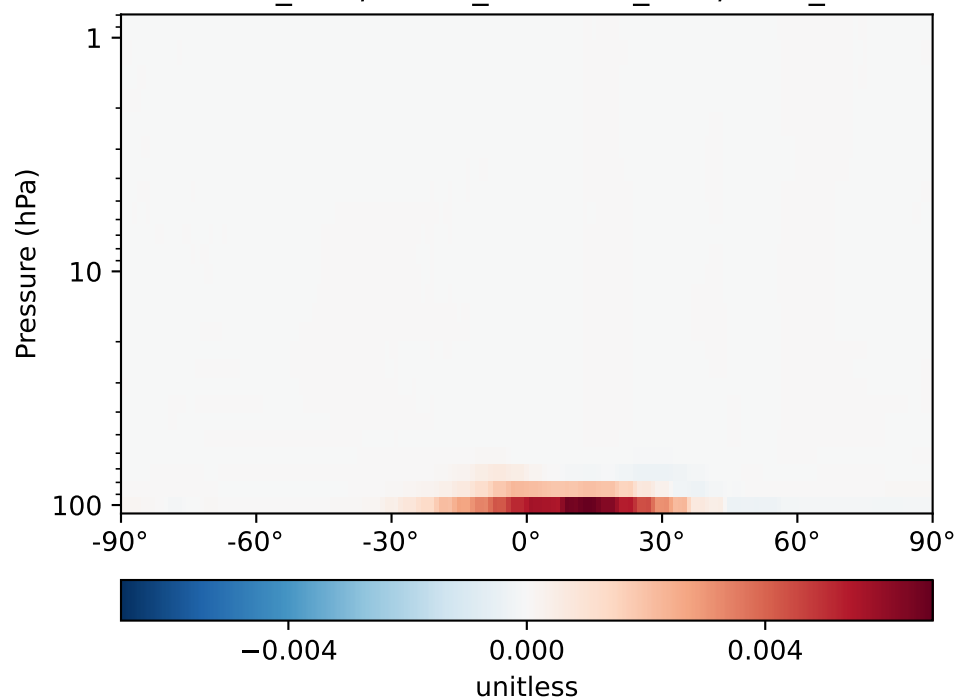
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

