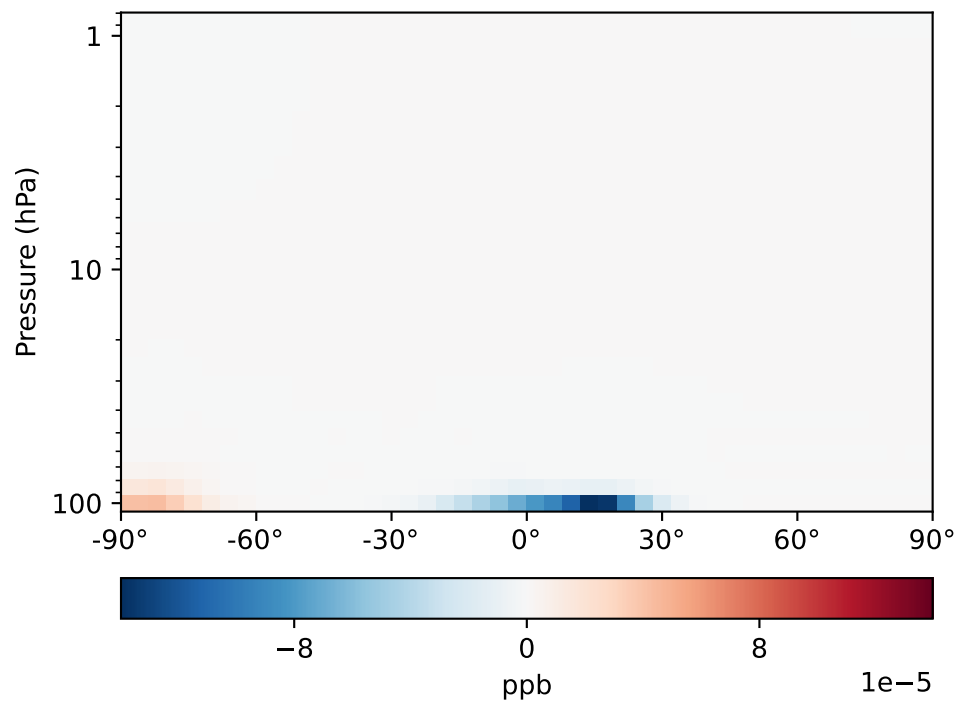
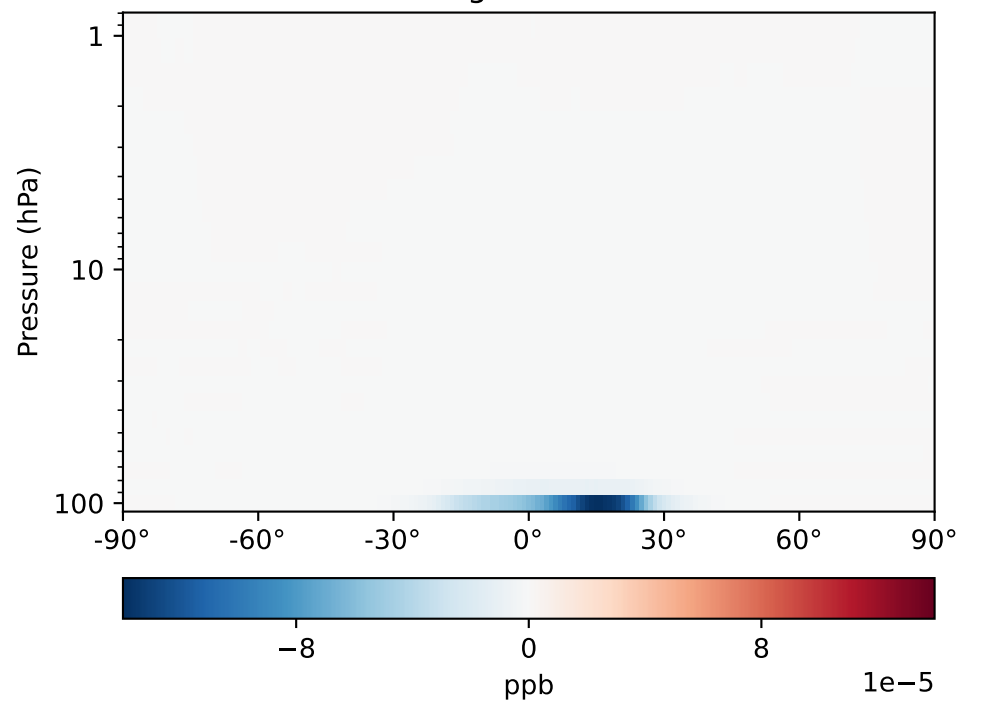


SpeciesConc_ACTA, Zonal Mean

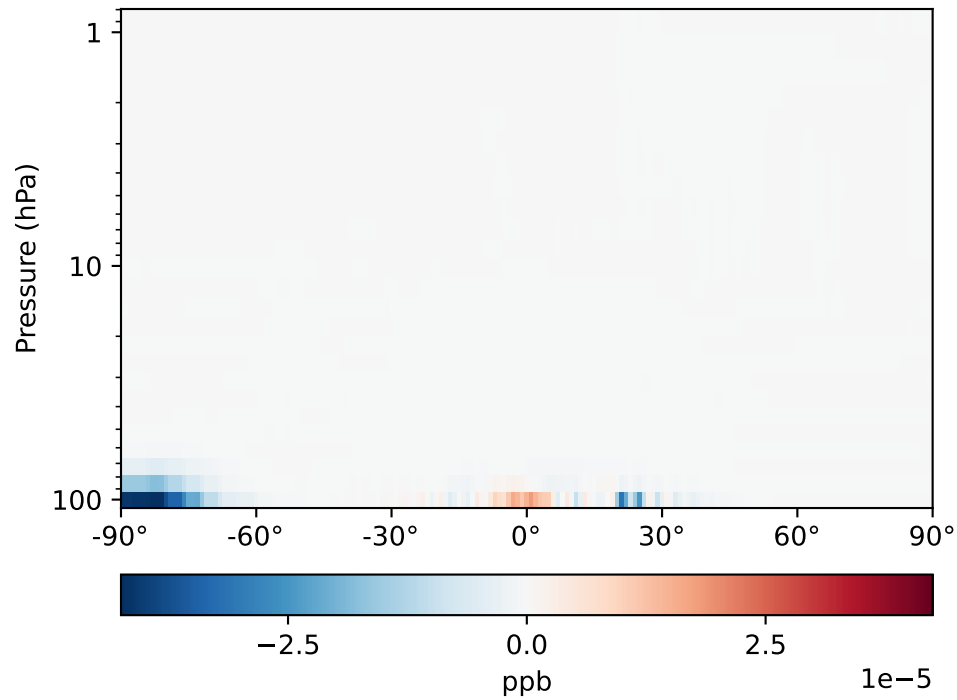
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



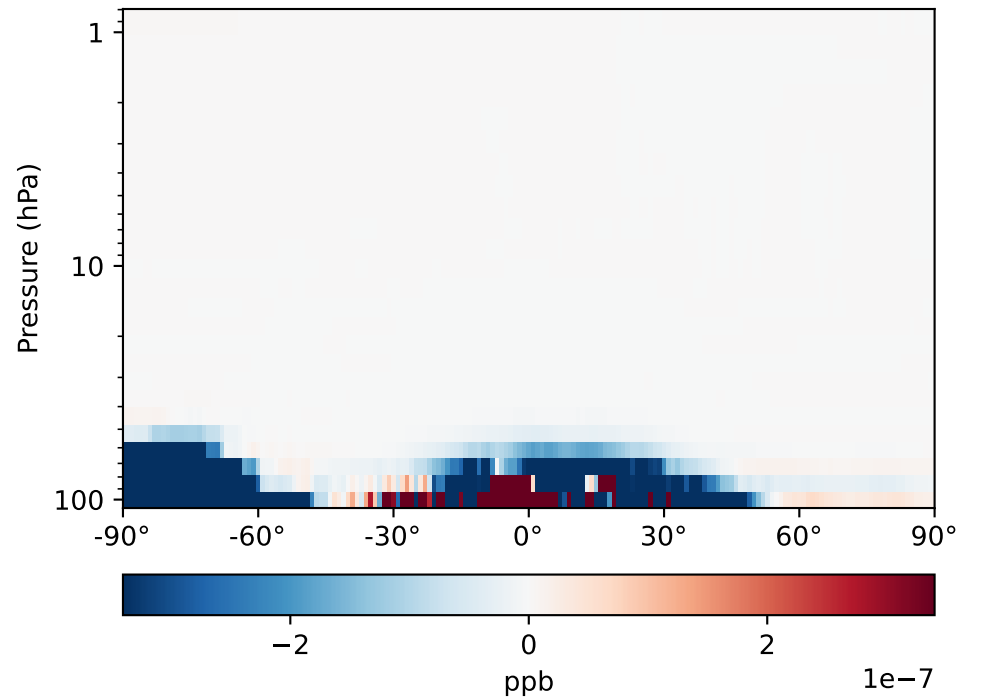
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



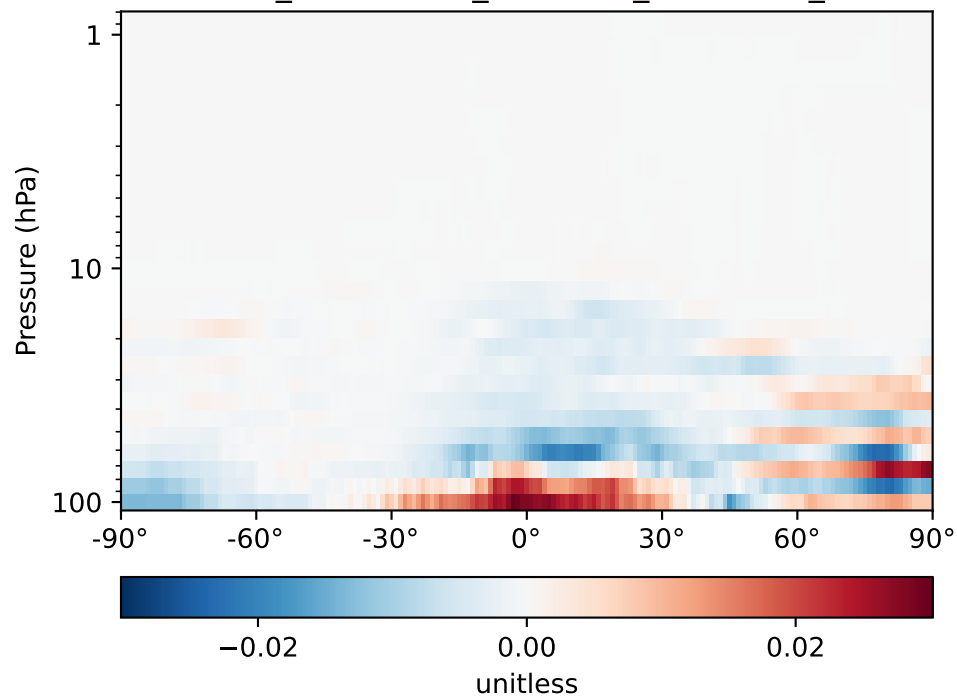
Difference (1x1.25)
Dev - Ref, Dynamic Range



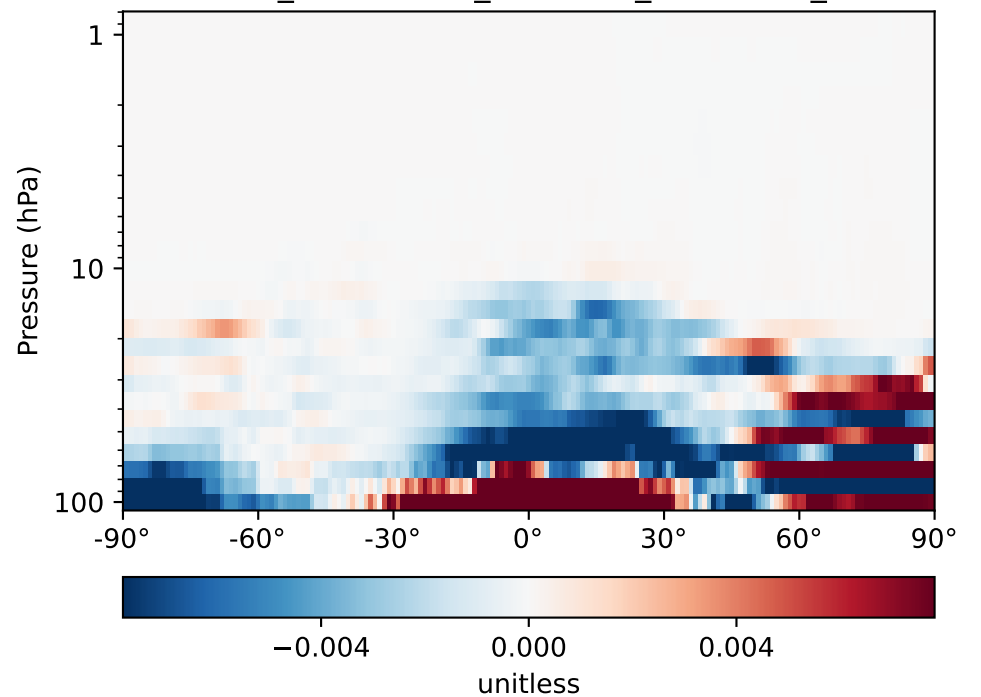
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

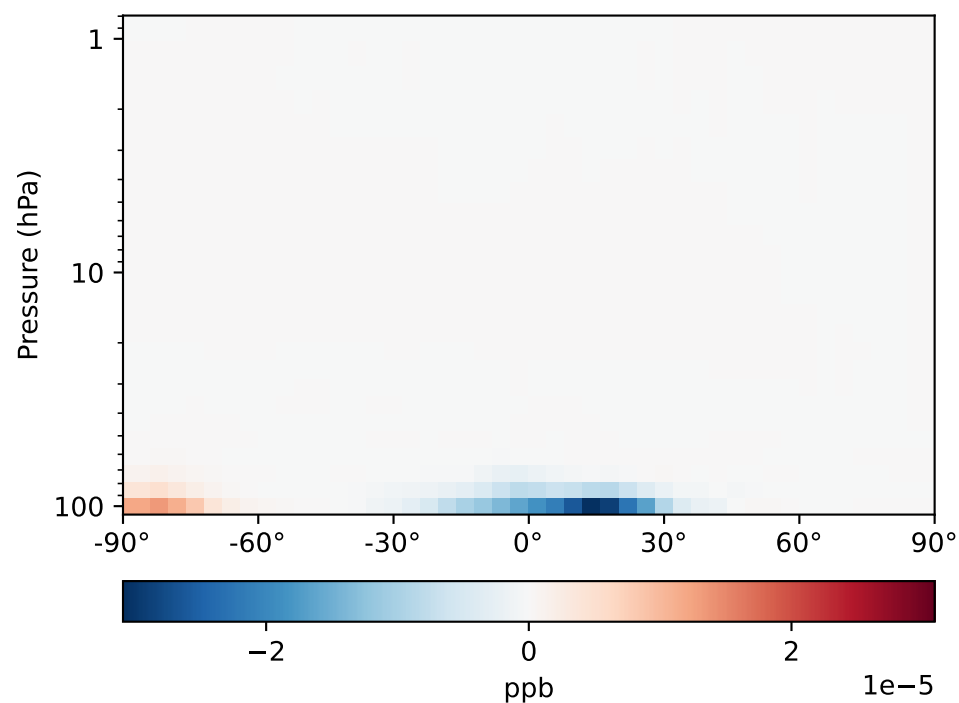


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

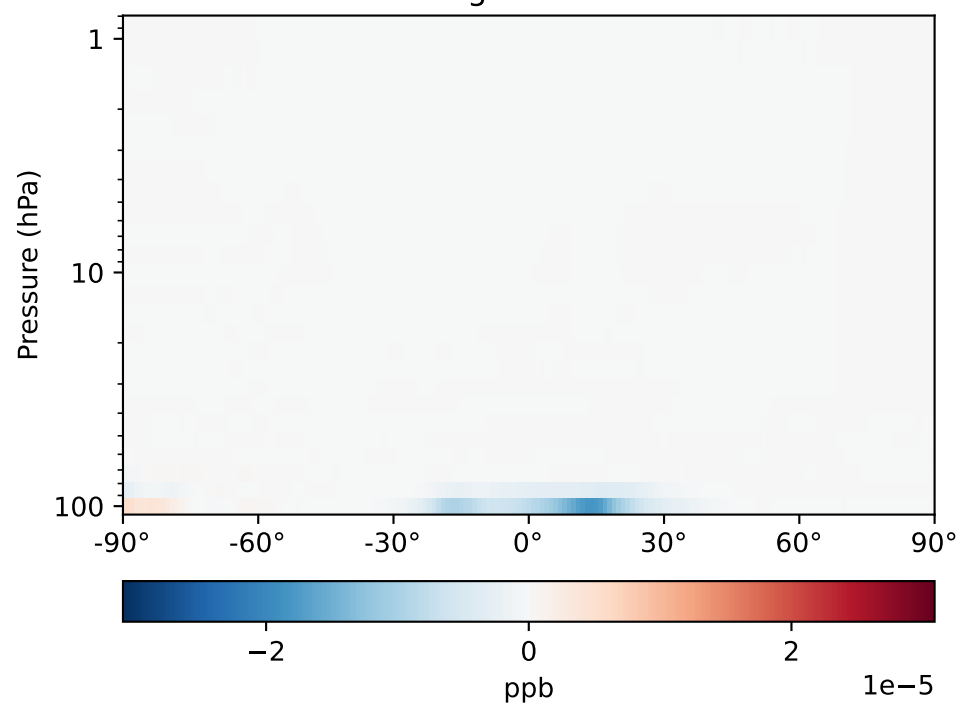


SpeciesConc_ALD2, Zonal Mean

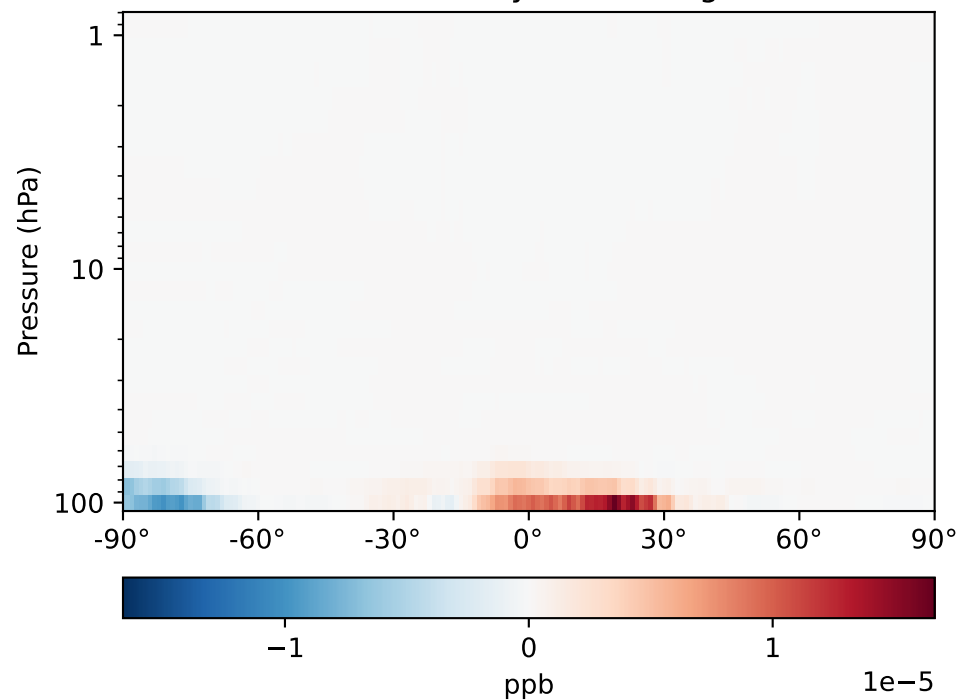
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



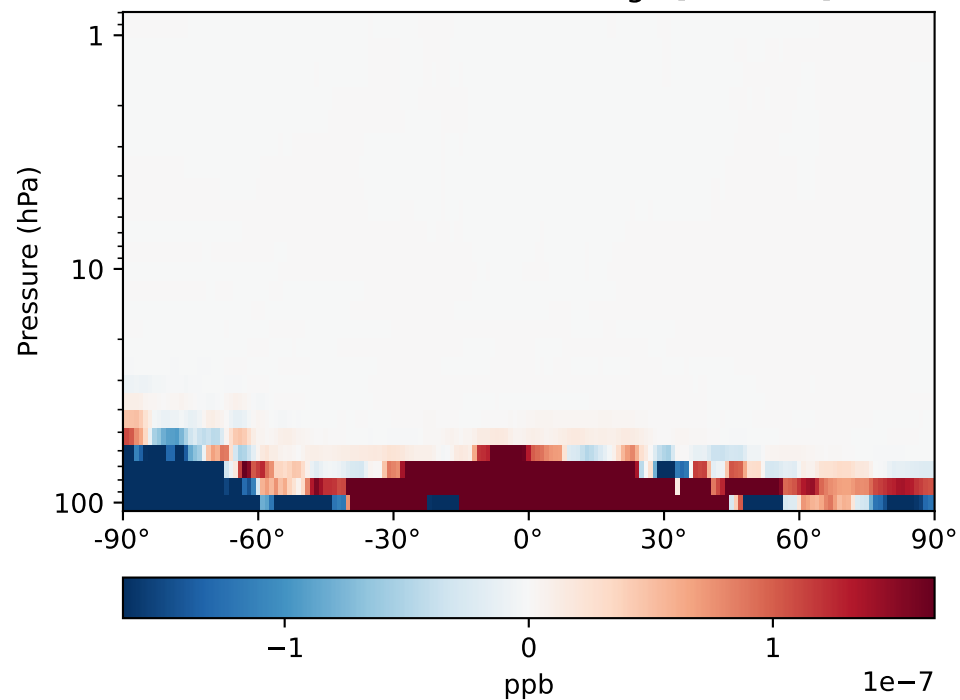
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



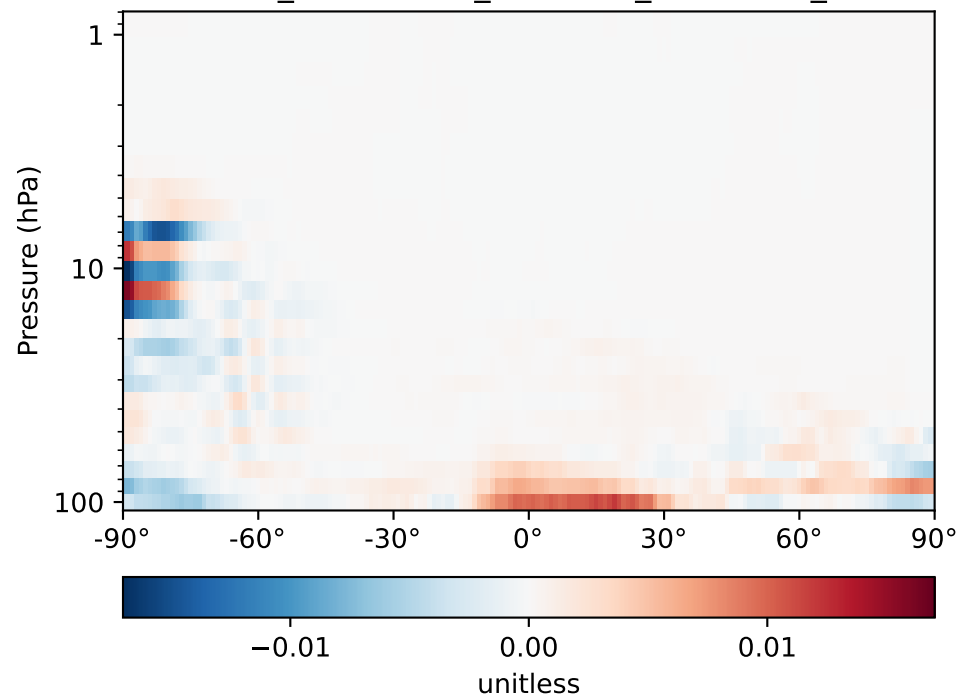
Difference (1x1.25)
Dev - Ref, Dynamic Range



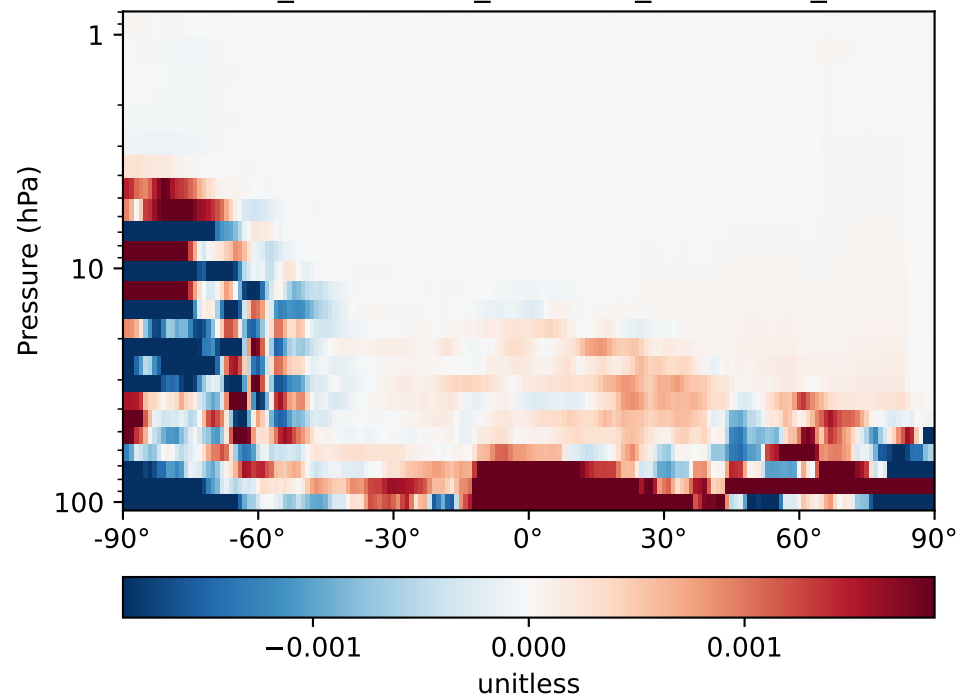
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

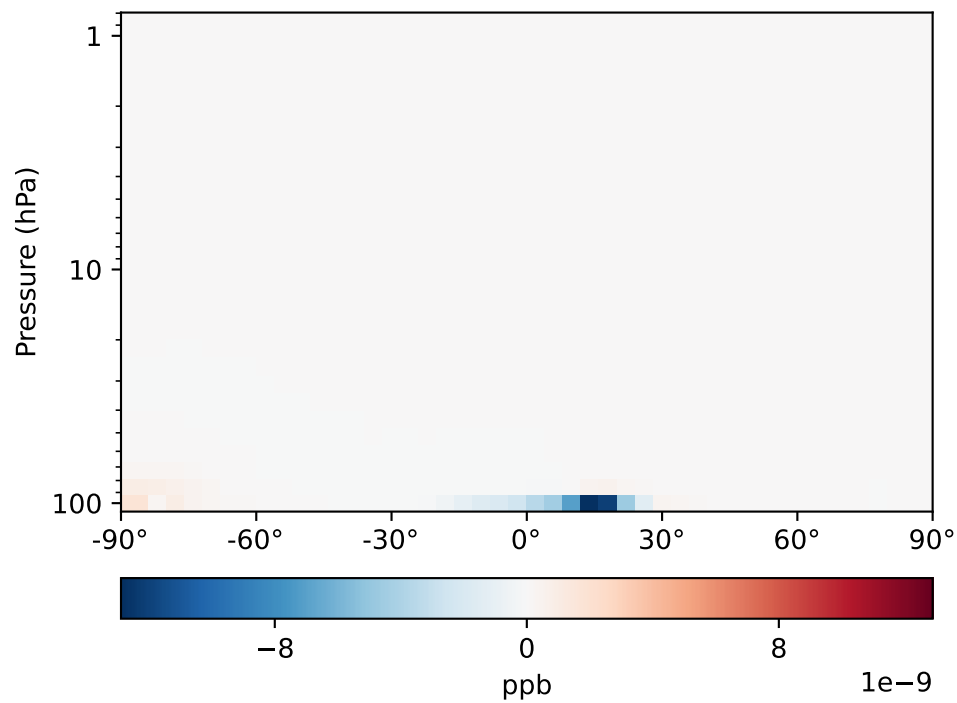


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

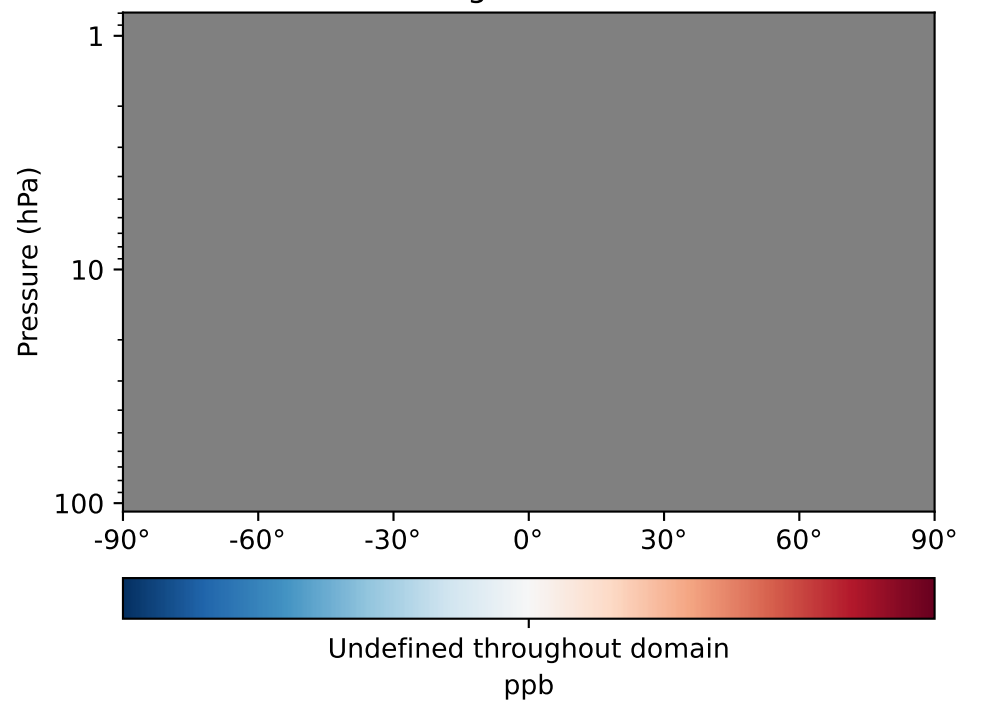


SpeciesConc_BALD, Zonal Mean

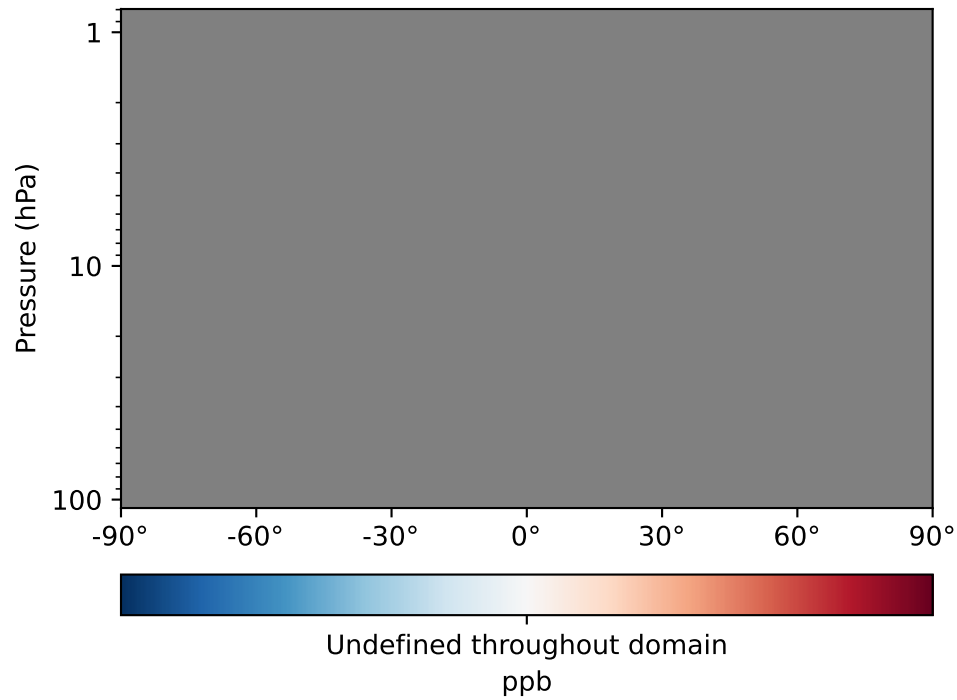
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



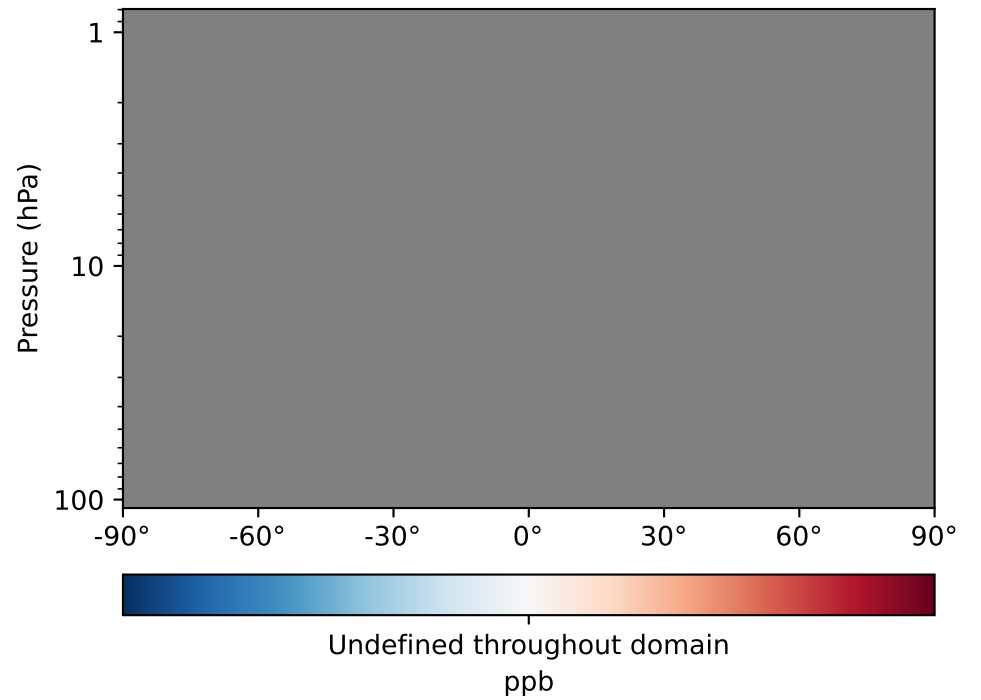
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



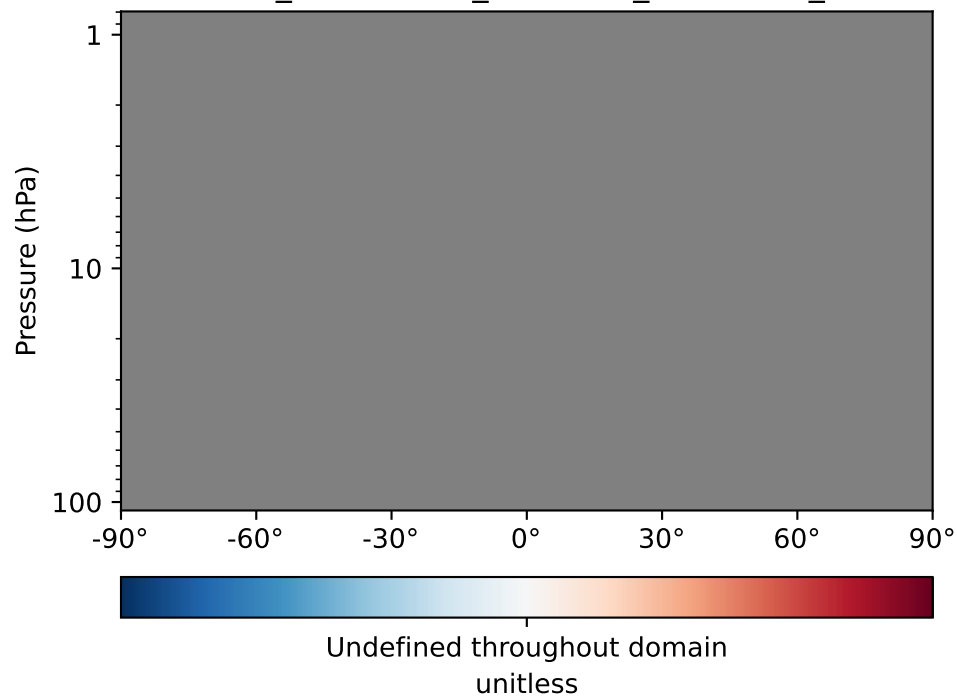
Difference (1x1.25)
Dev - Ref, Dynamic Range



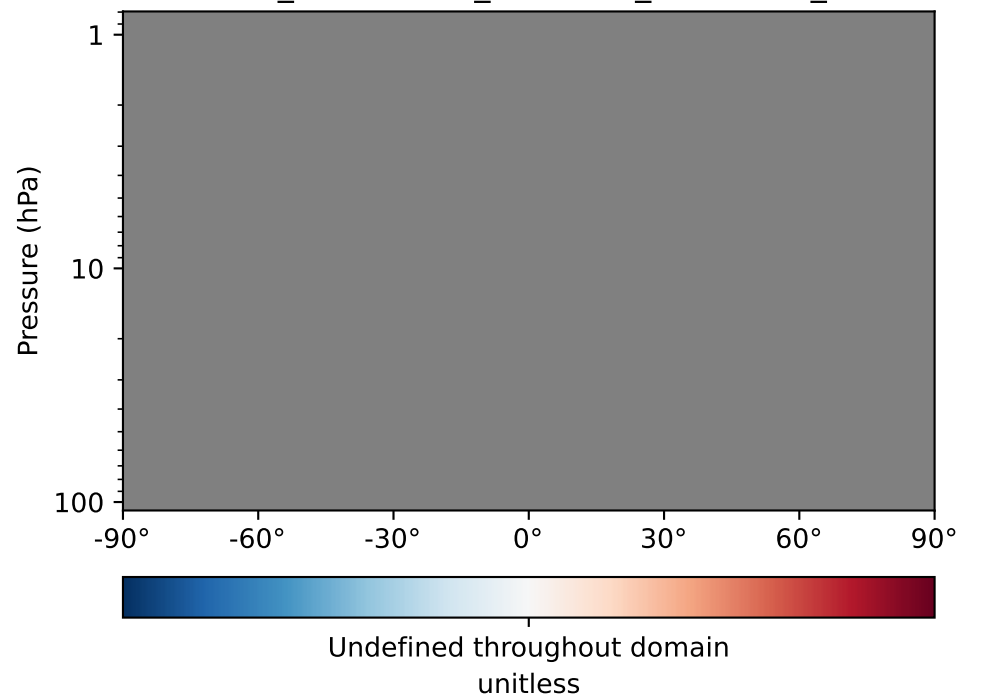
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

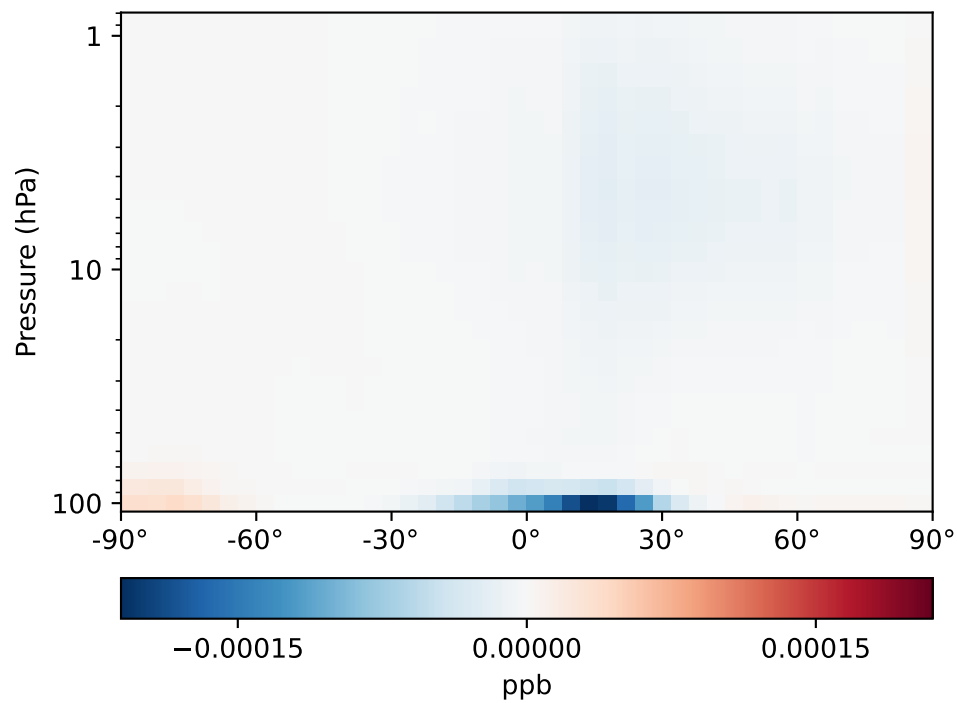


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

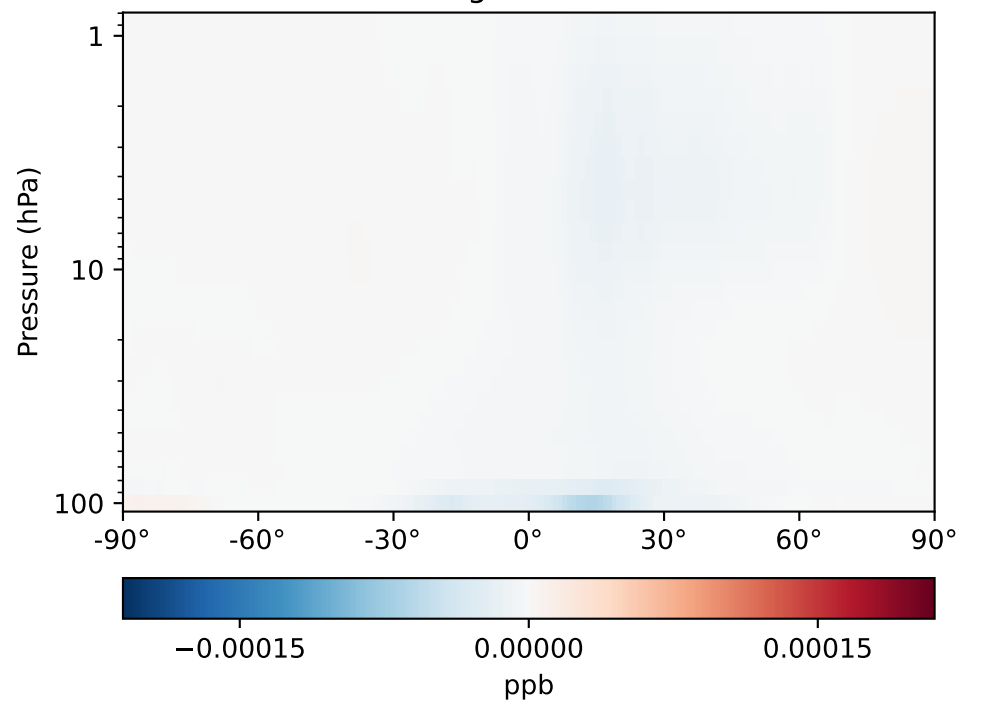


SpeciesConc_CH2O, Zonal Mean

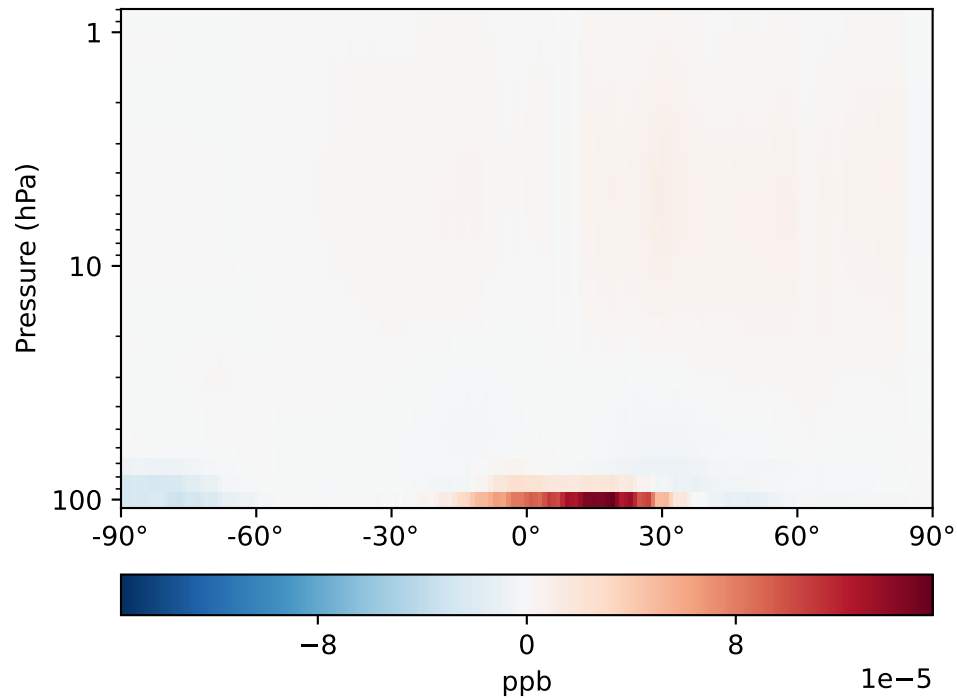
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



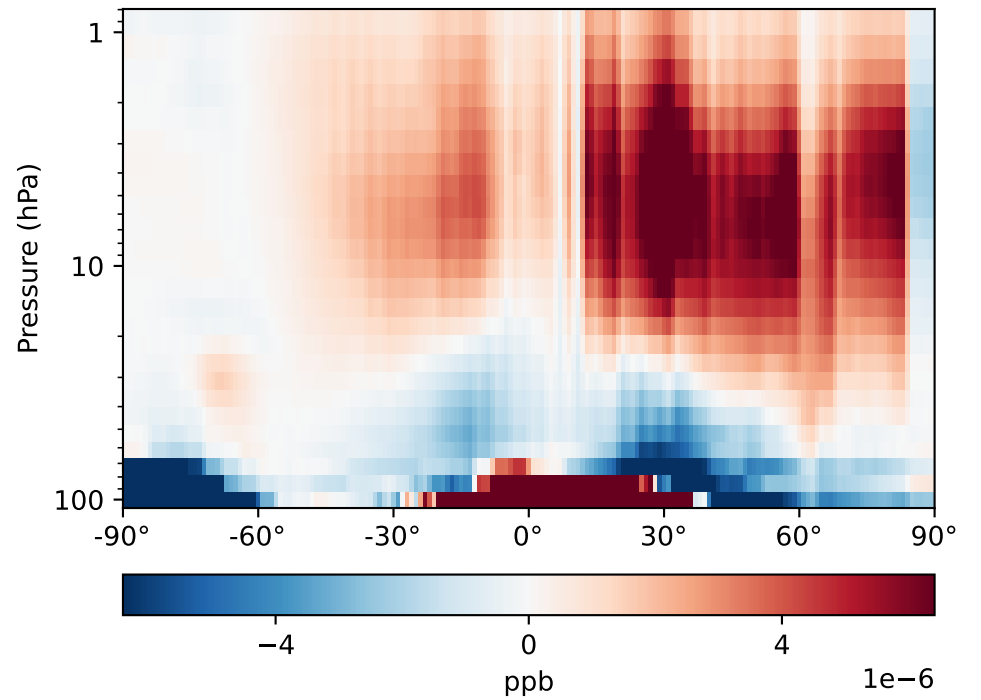
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



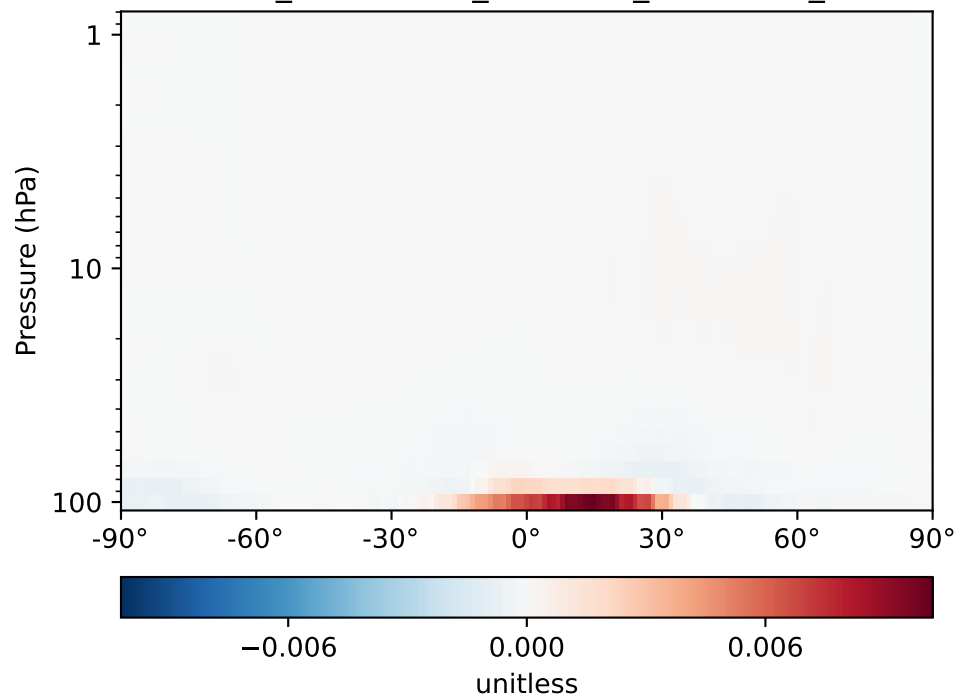
Difference (1x1.25)
Dev - Ref, Dynamic Range



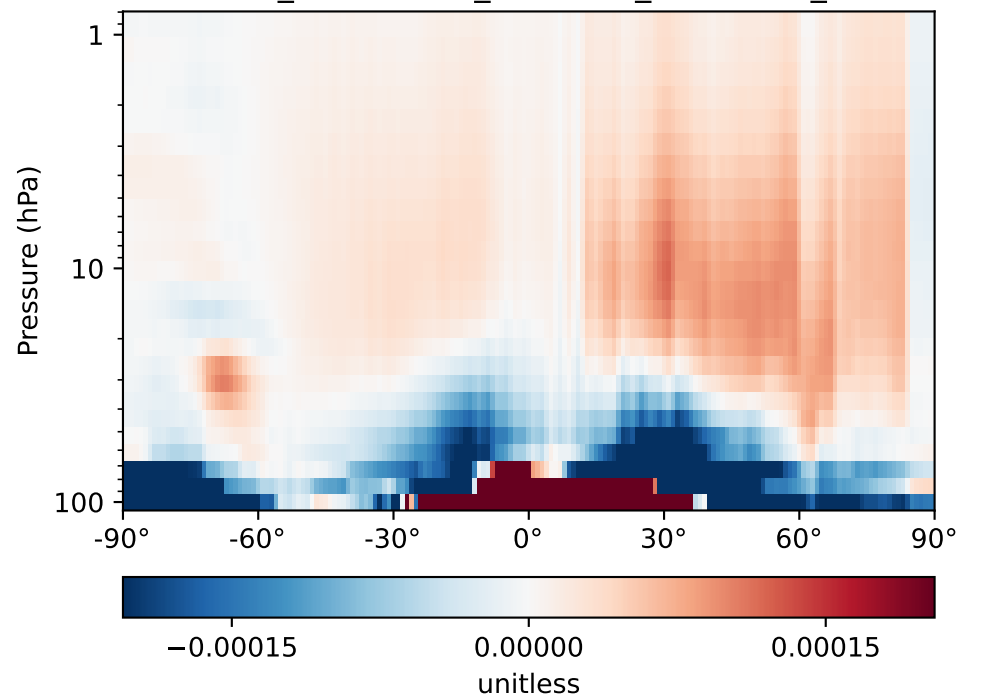
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

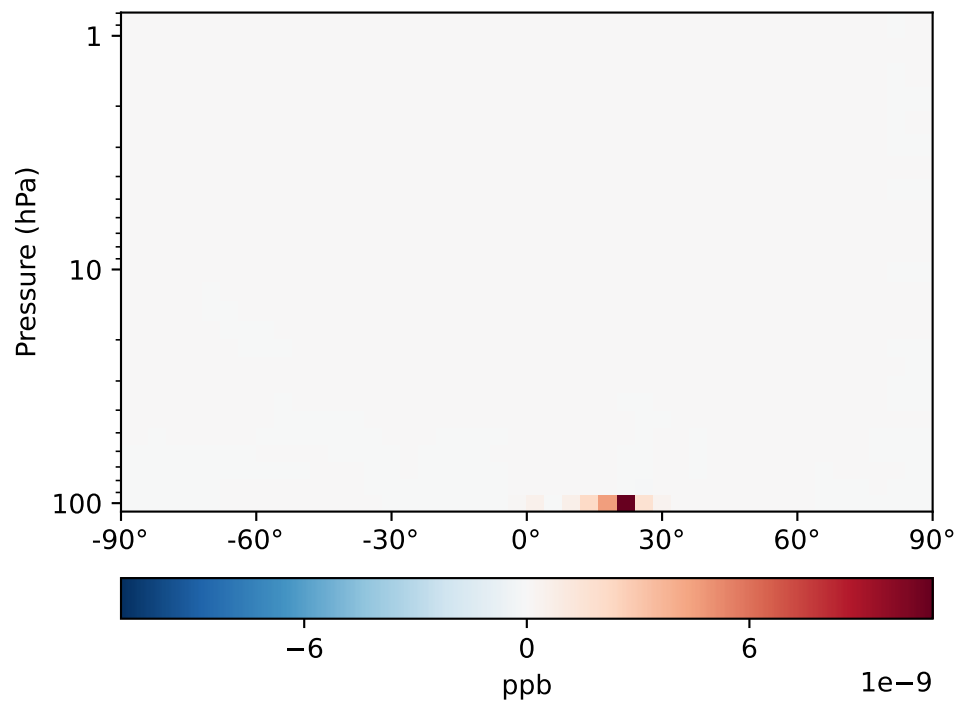


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

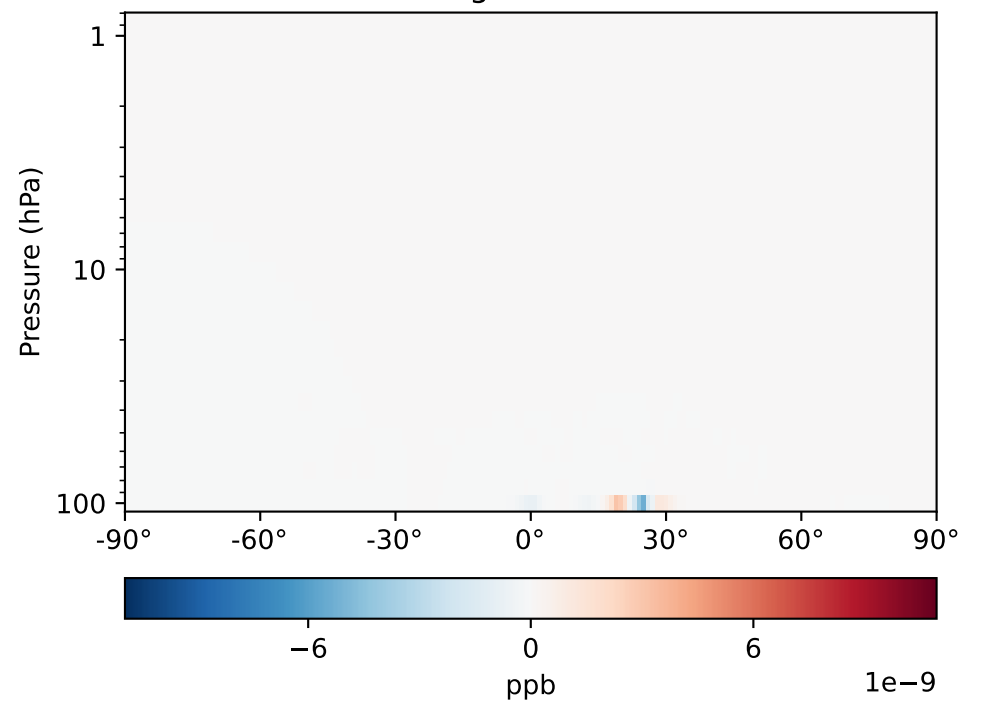


SpeciesConc_HPALDs, Zonal Mean

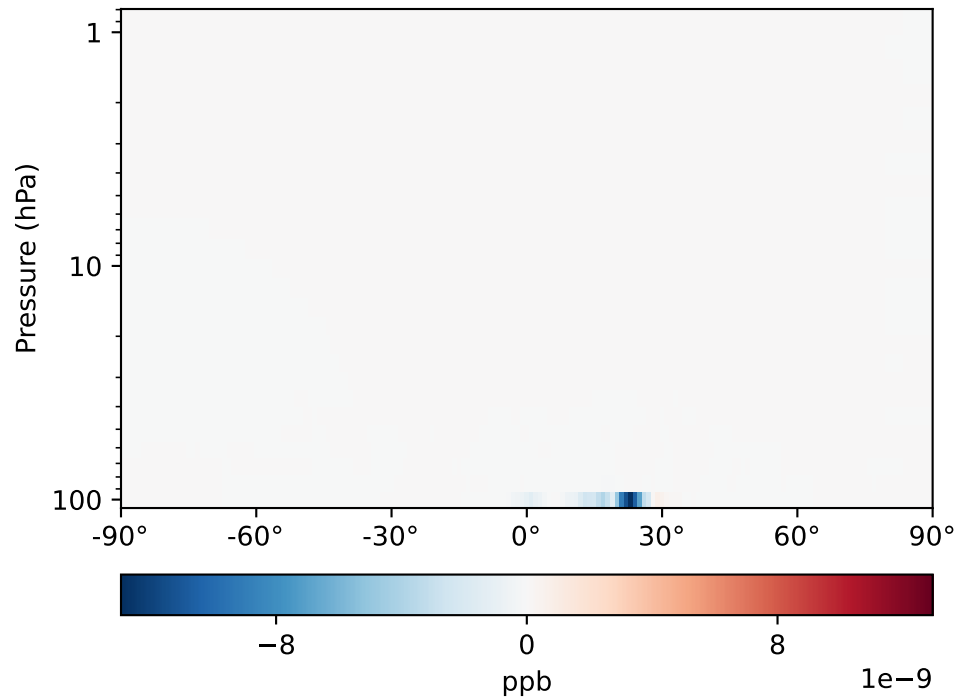
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



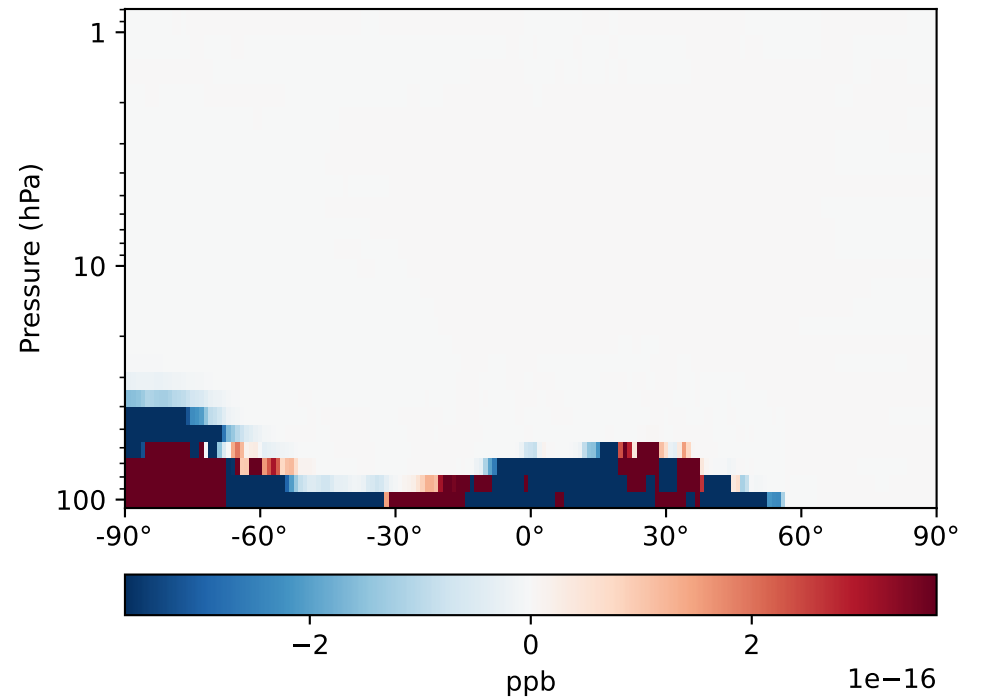
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



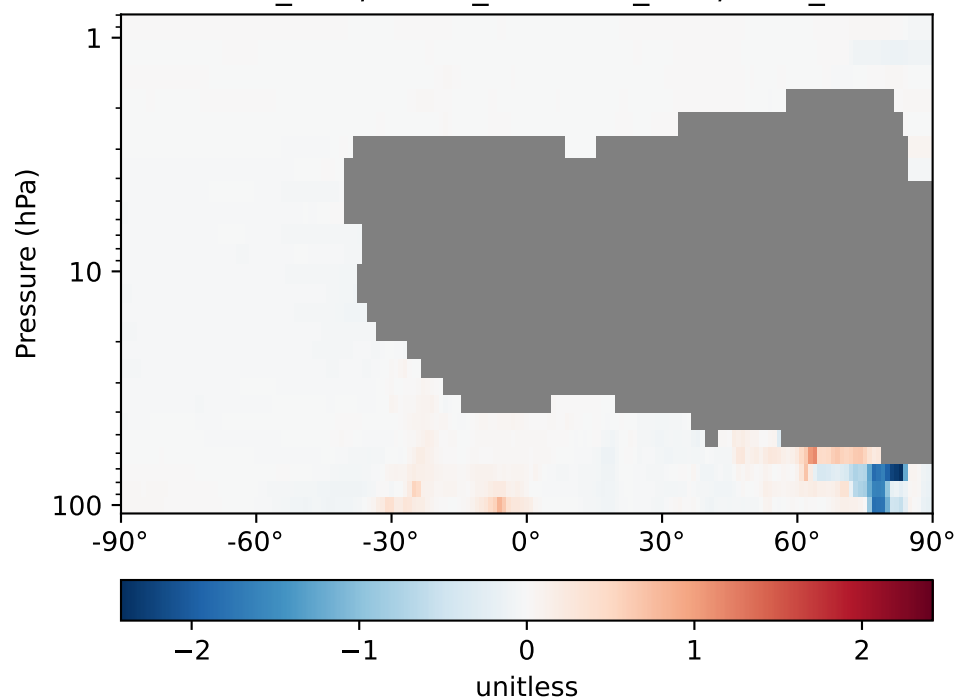
Difference (1x1.25)
Dev - Ref, Dynamic Range



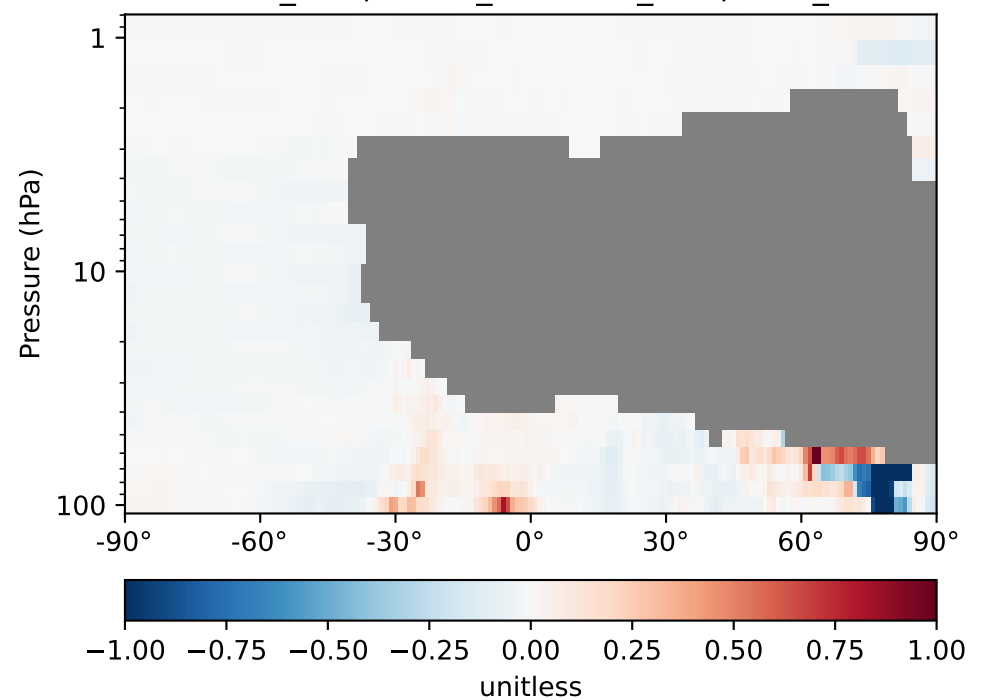
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

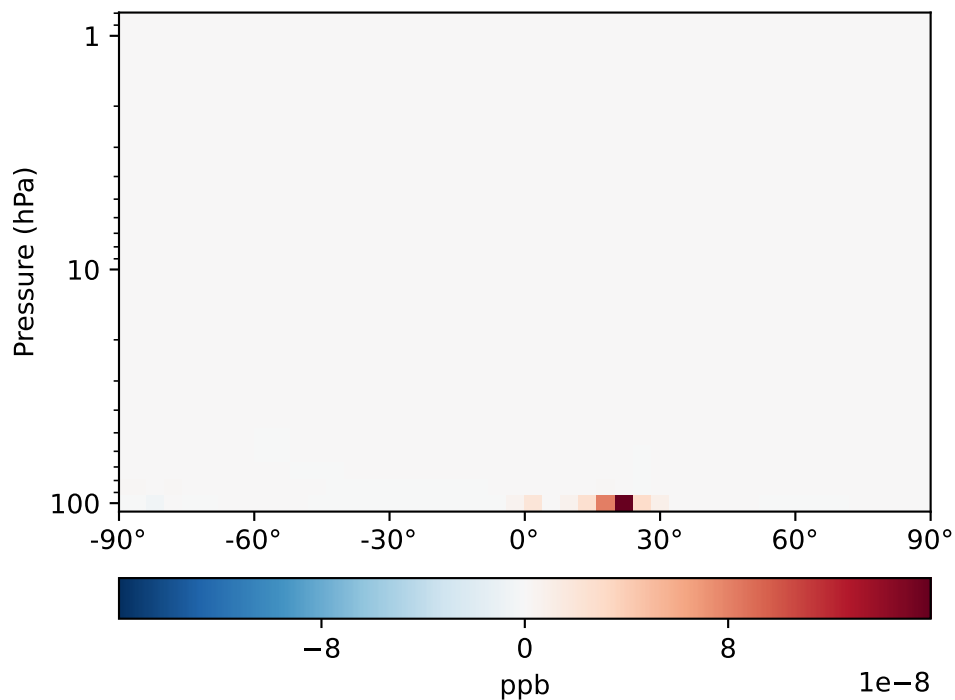


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

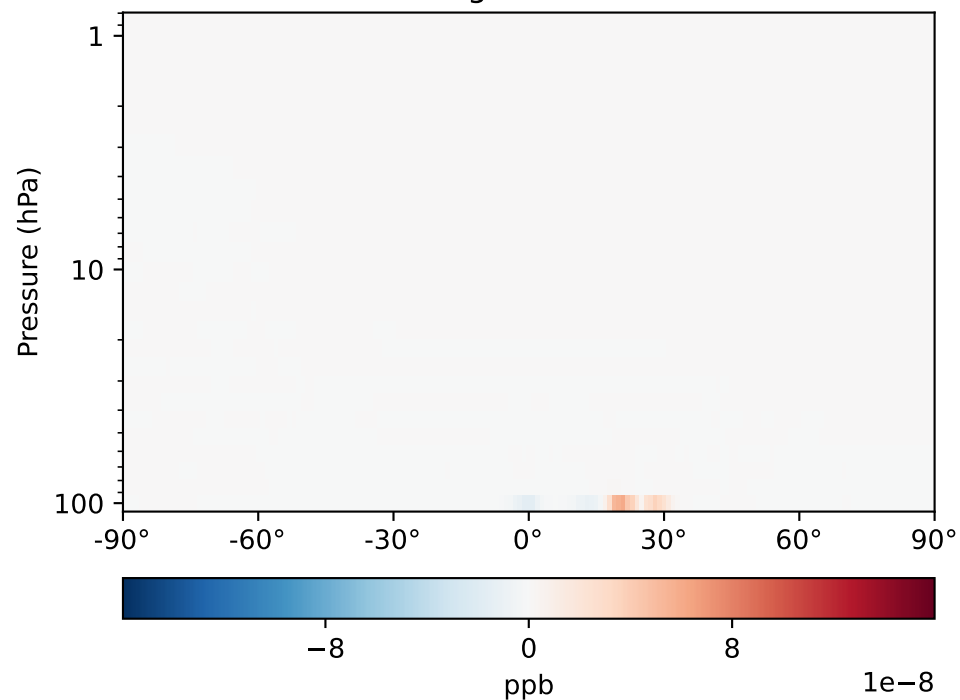


SpeciesConc_MACR, Zonal Mean

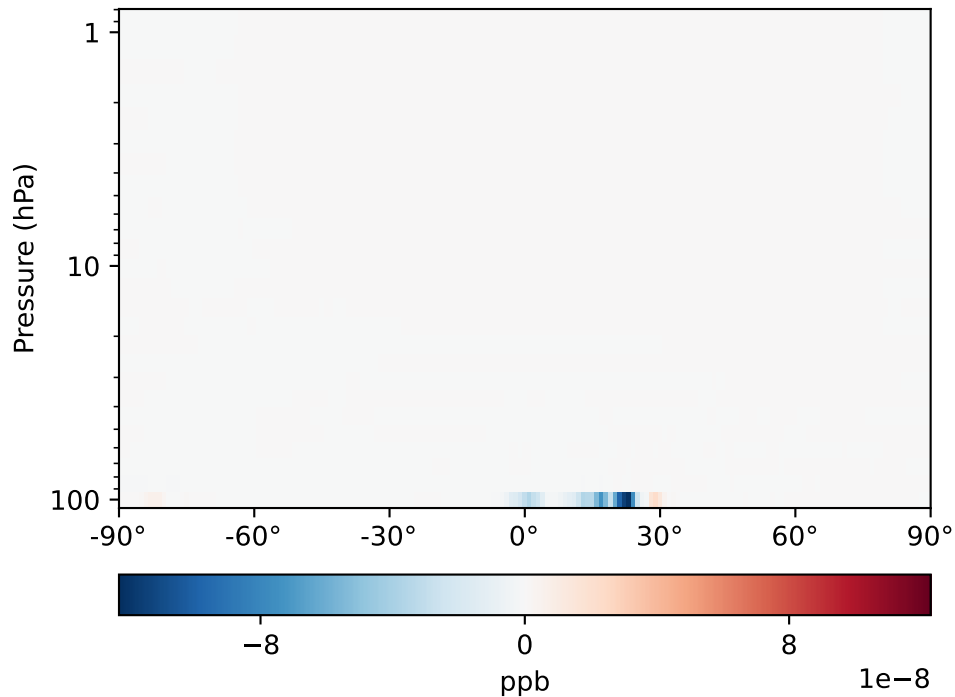
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



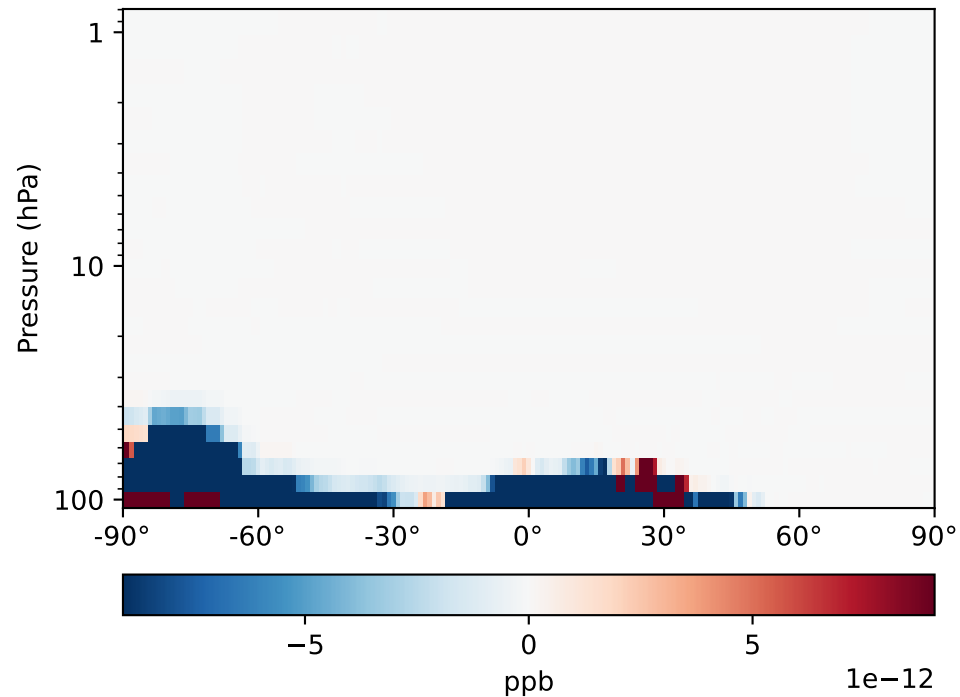
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



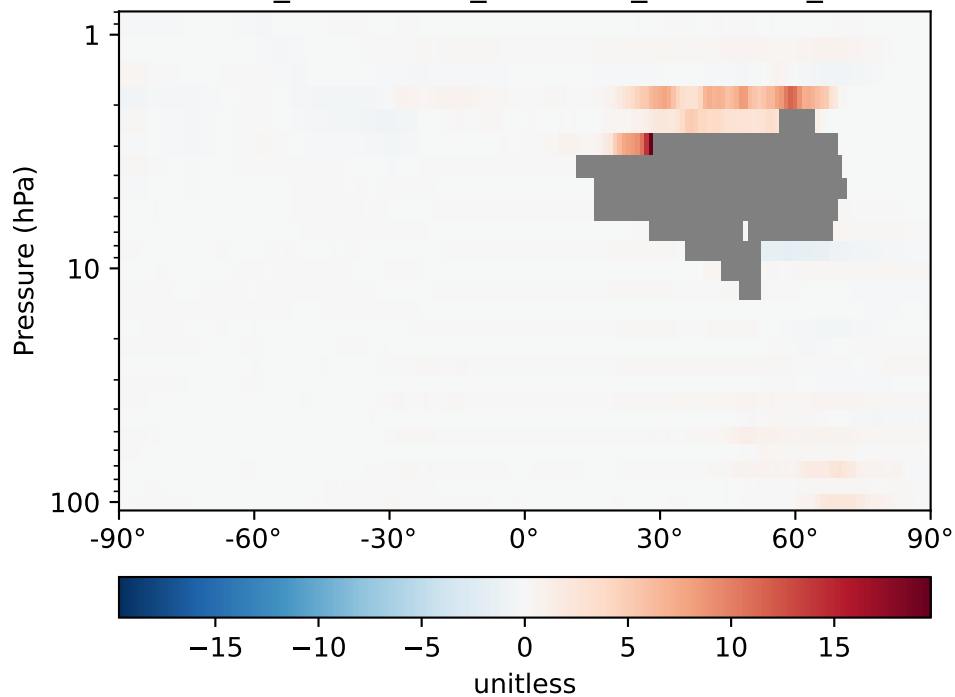
Difference (1x1.25)
Dev - Ref, Dynamic Range



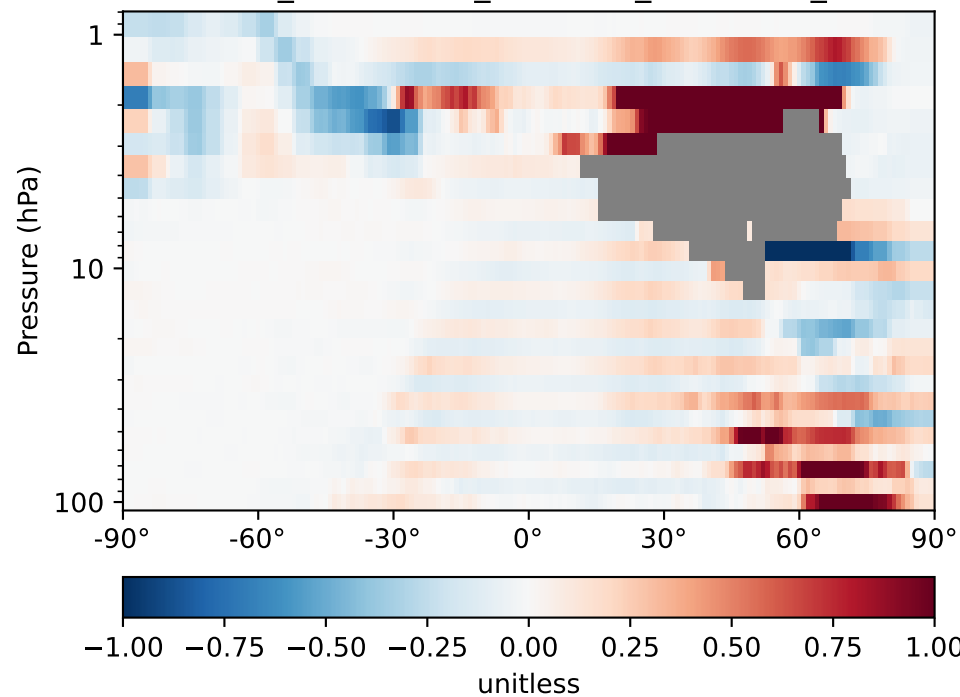
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

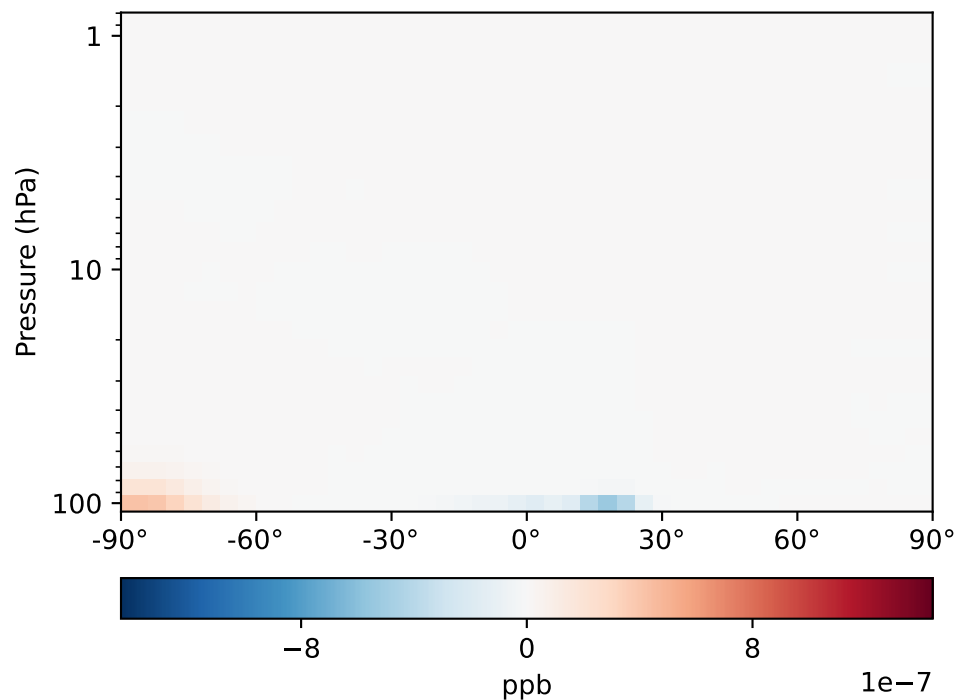


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

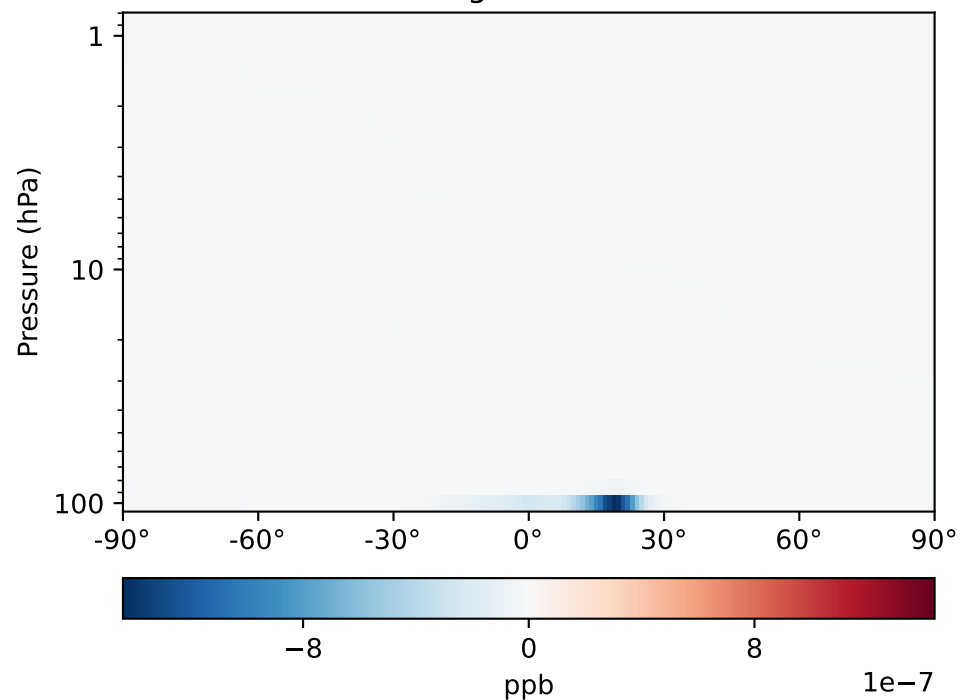


SpeciesConc_IEPOX, Zonal Mean

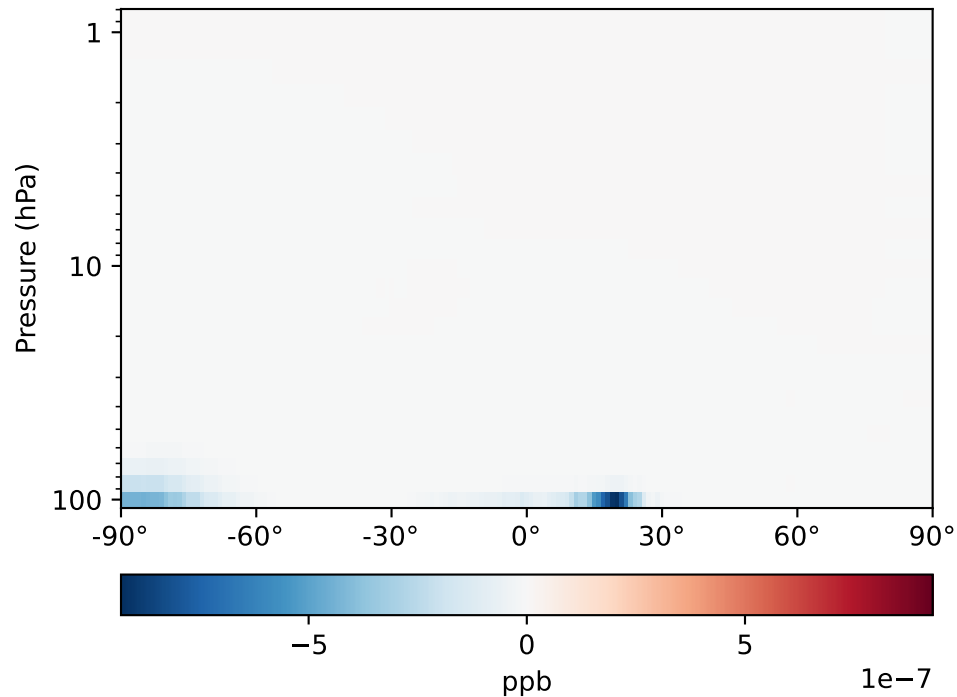
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



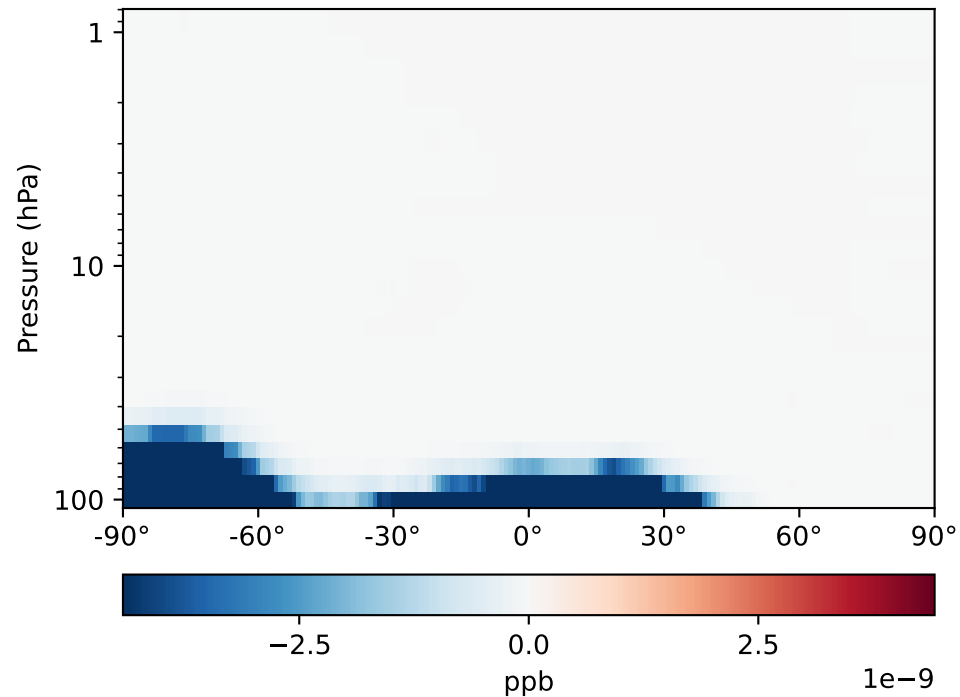
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



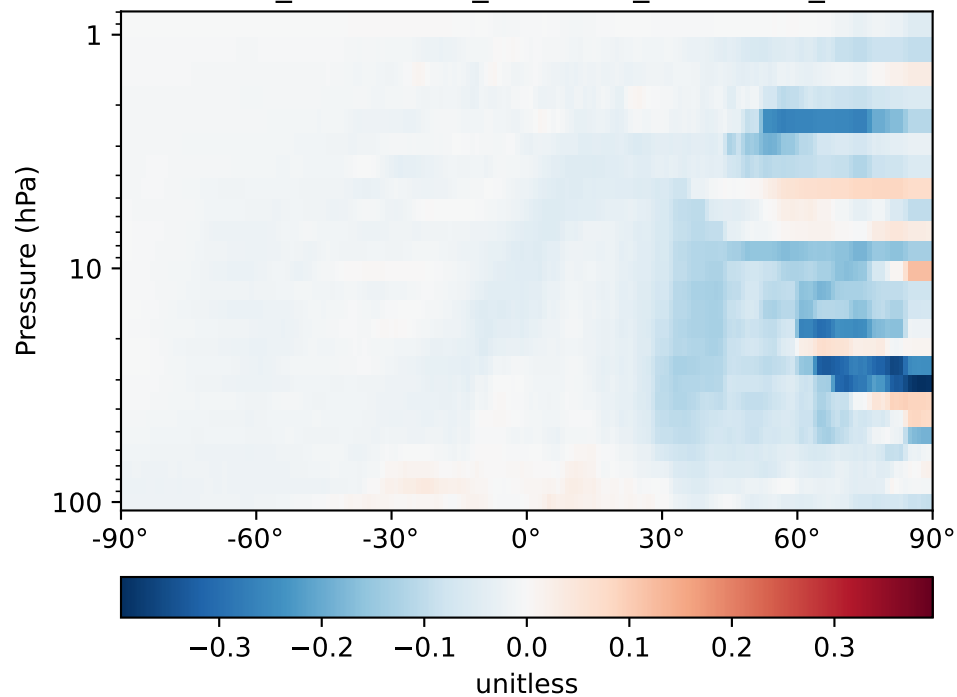
Difference (1x1.25)
Dev - Ref, Dynamic Range



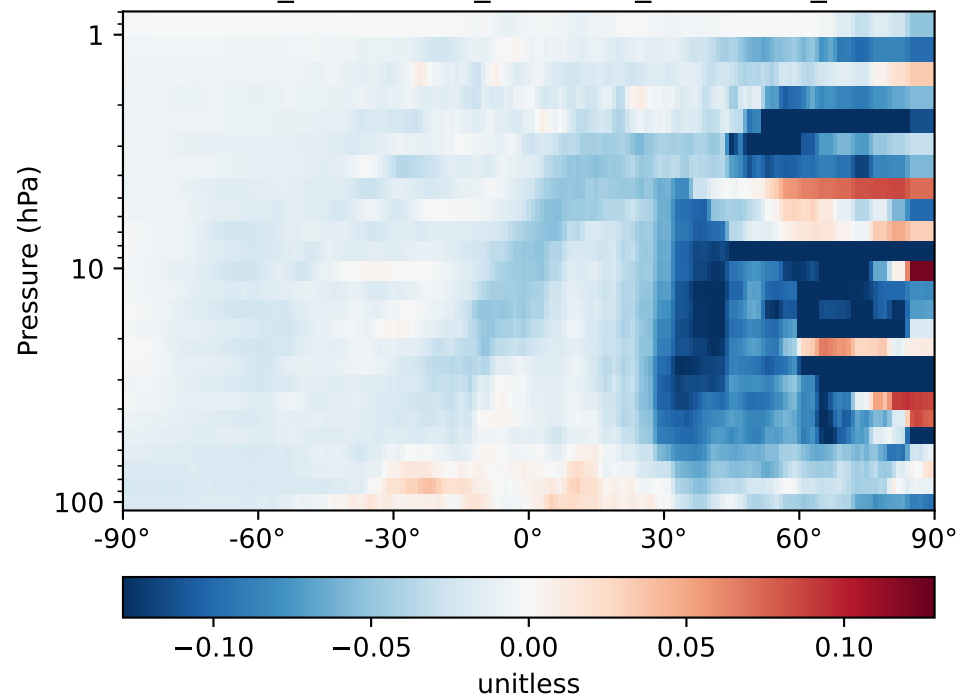
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

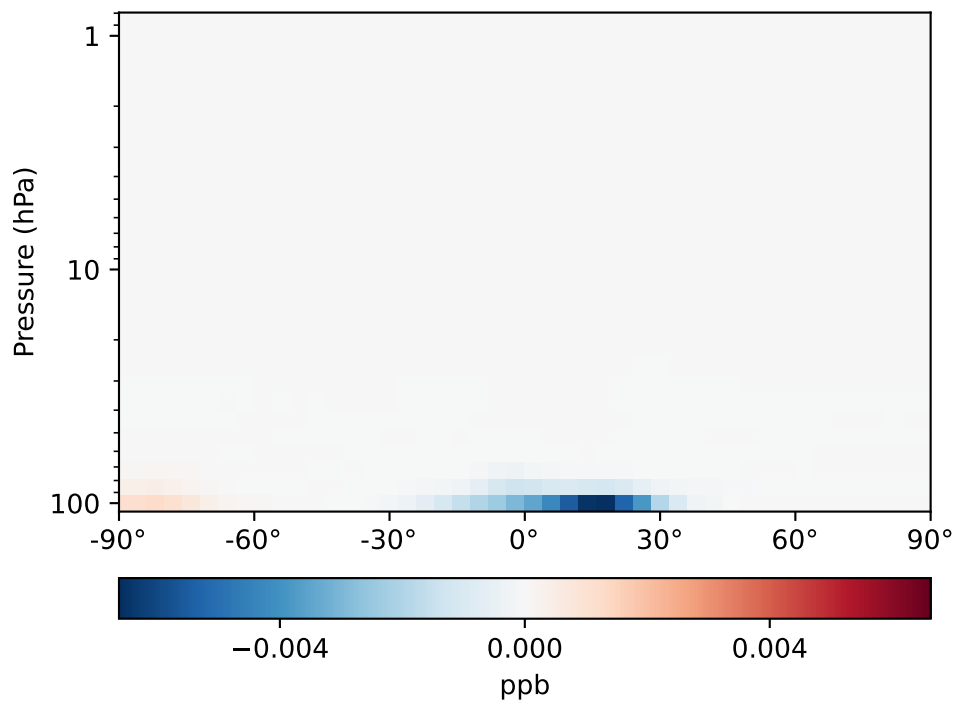


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

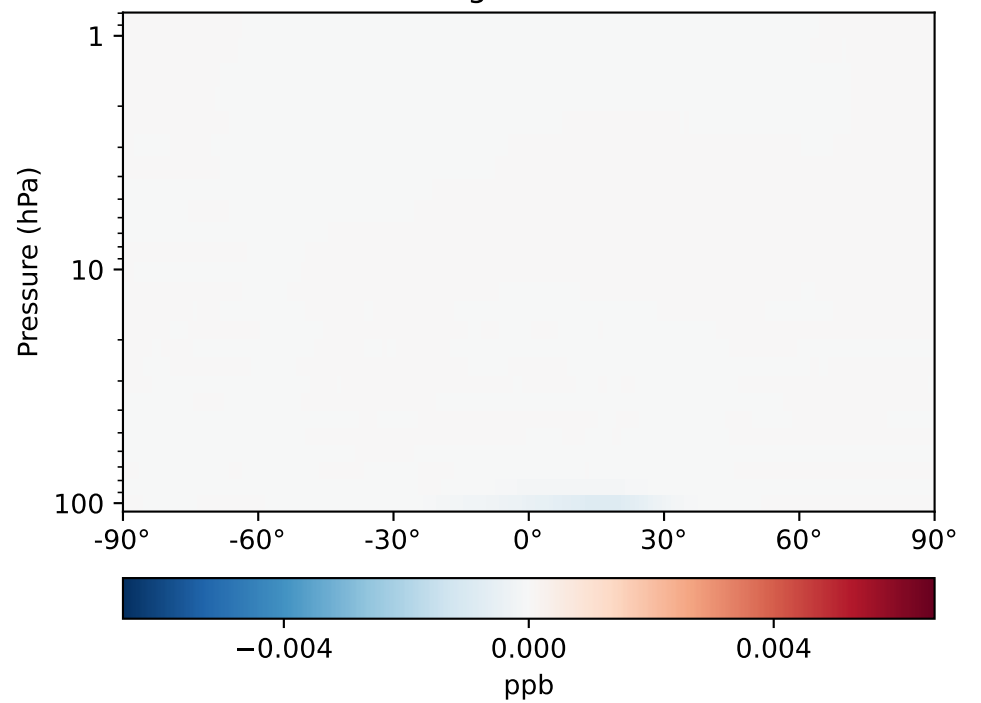


SpeciesConc_ACET, Zonal Mean

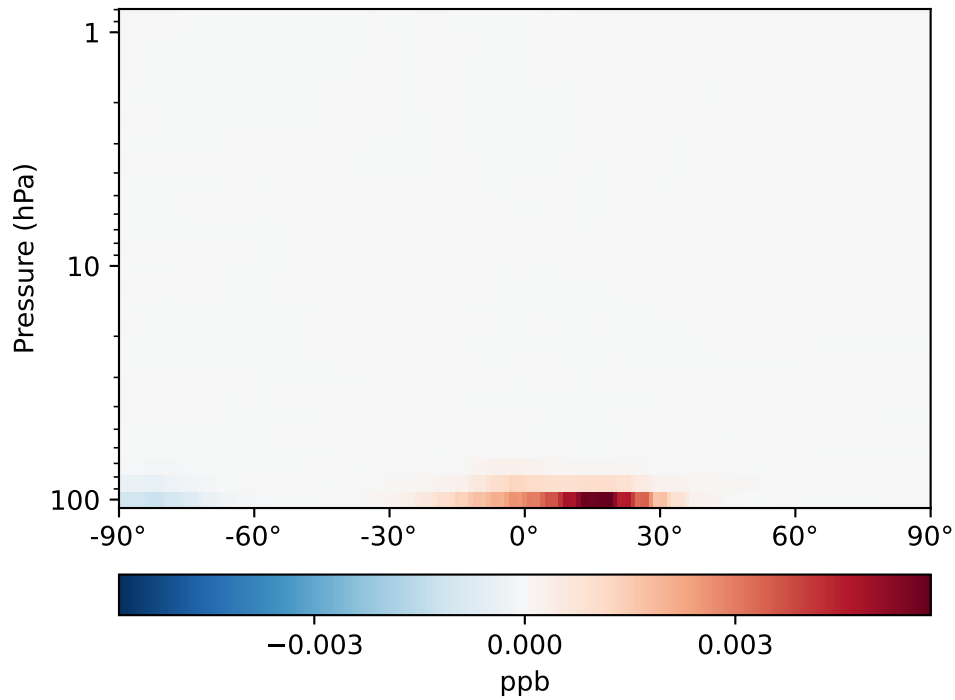
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



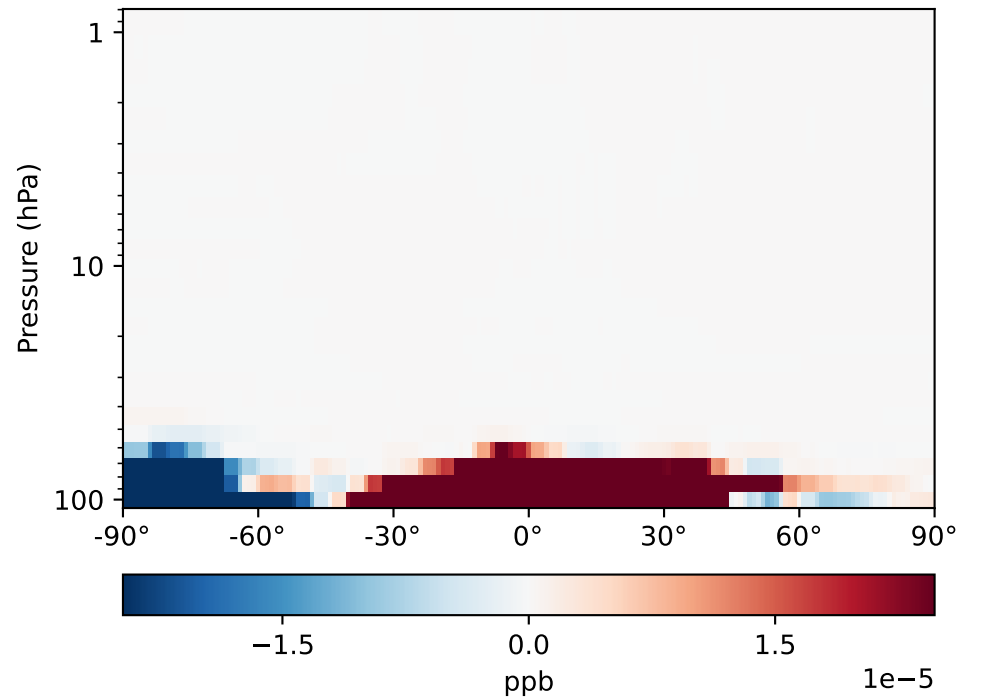
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



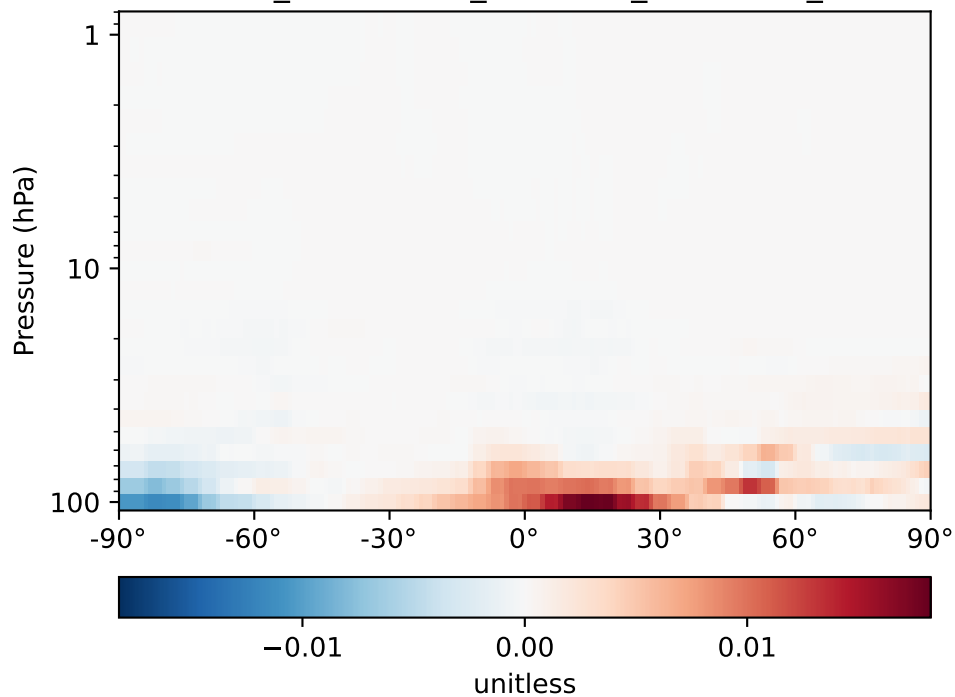
Difference (1x1.25)
Dev - Ref, Dynamic Range



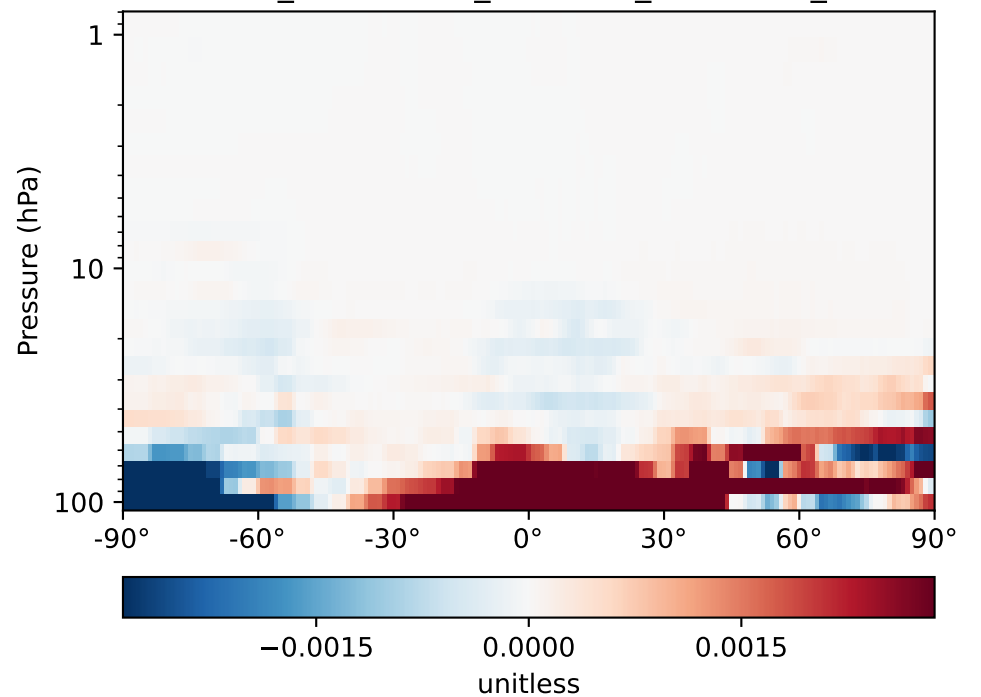
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

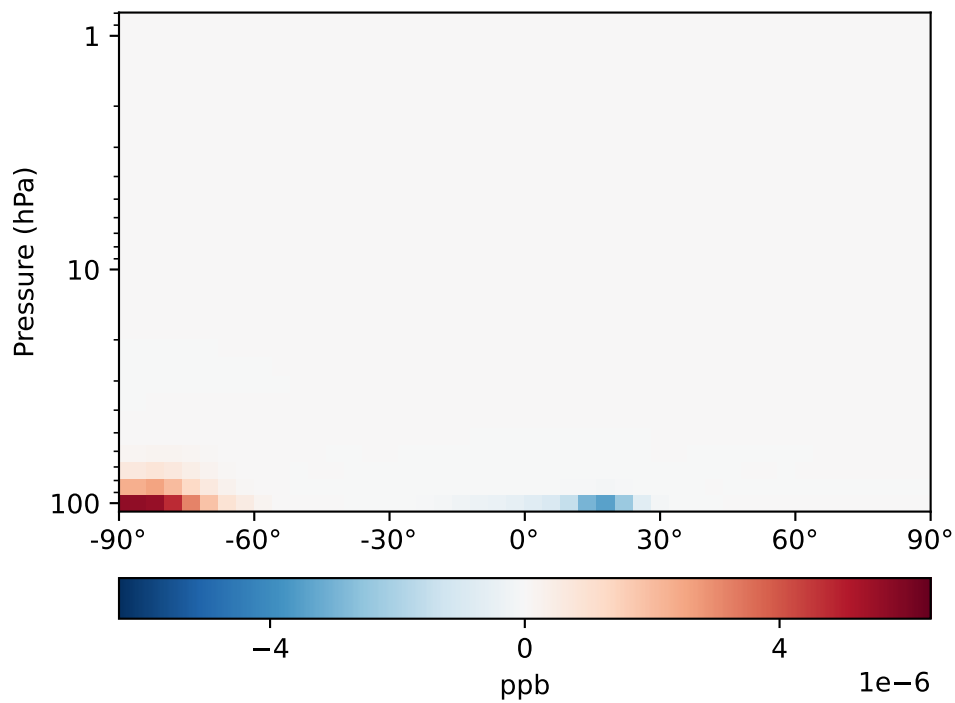


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

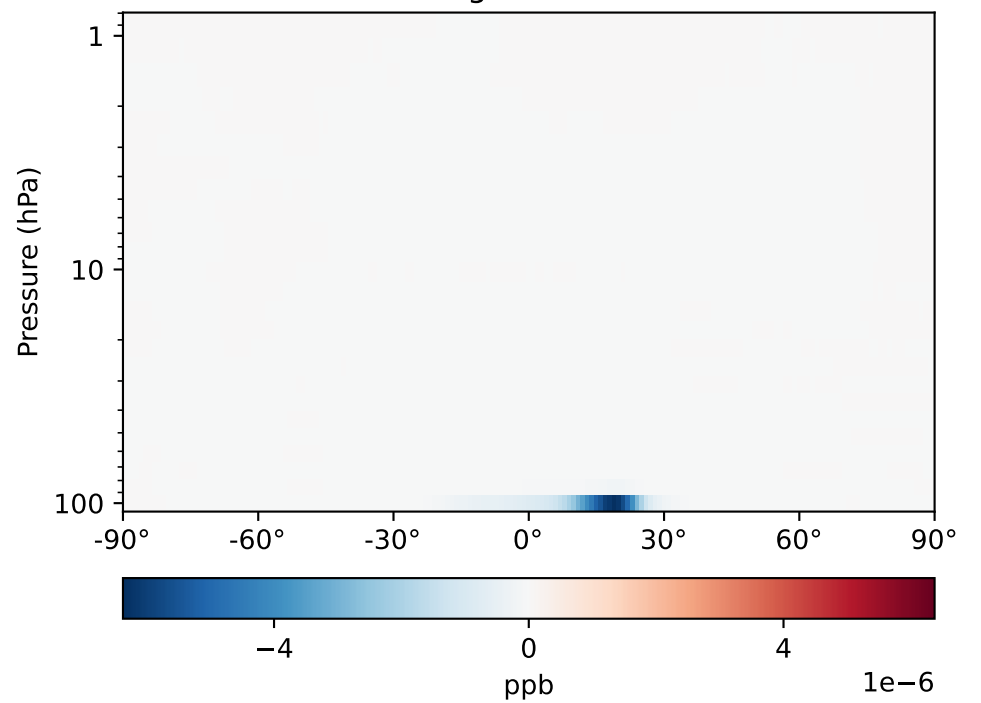


SpeciesConc_HAC, Zonal Mean

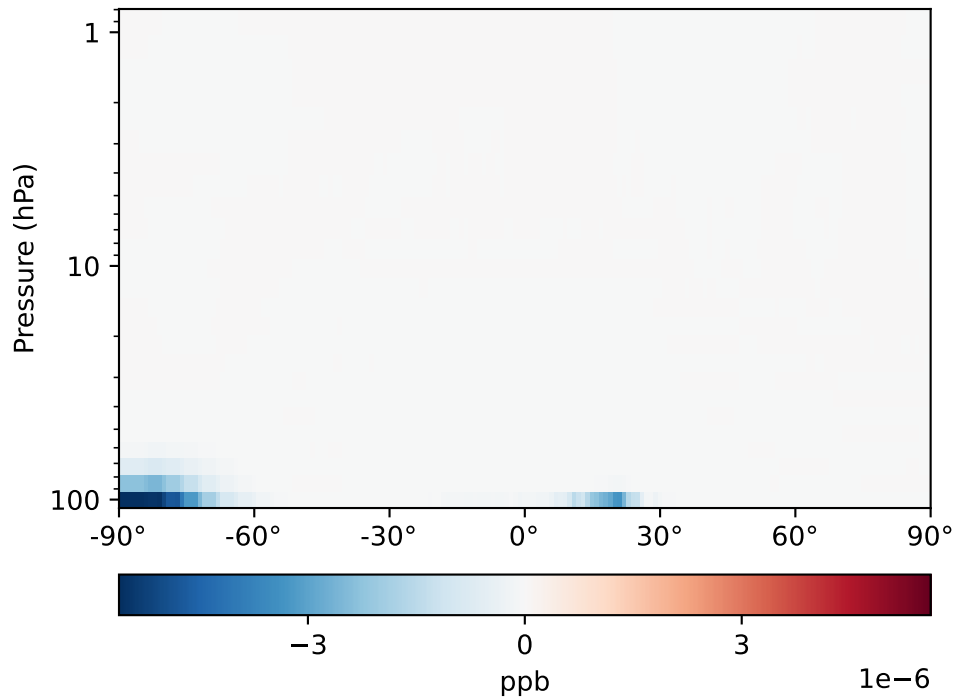
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



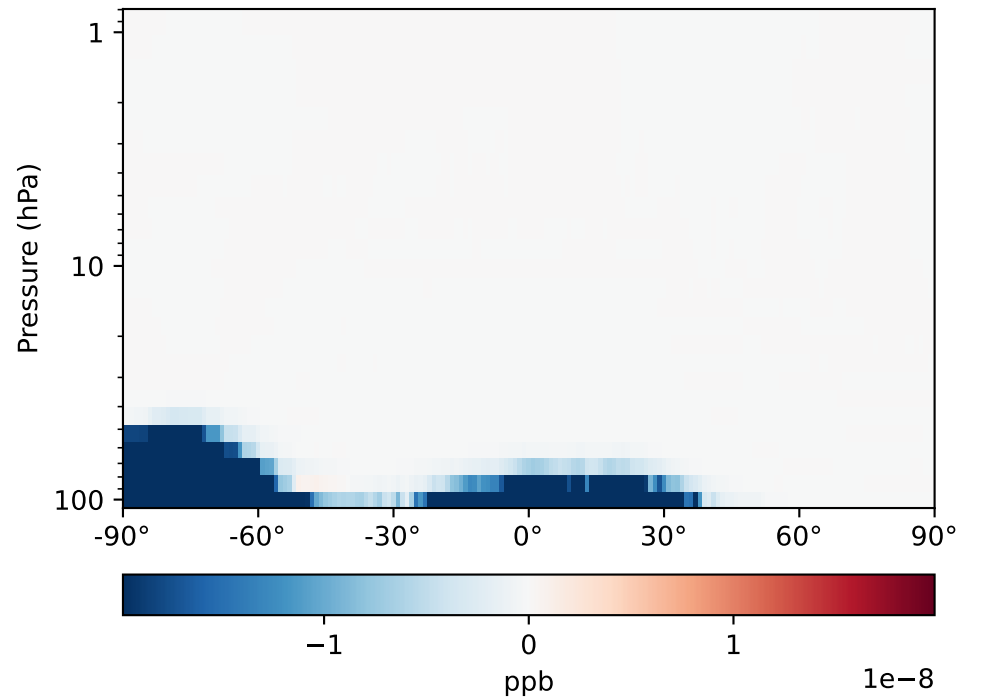
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



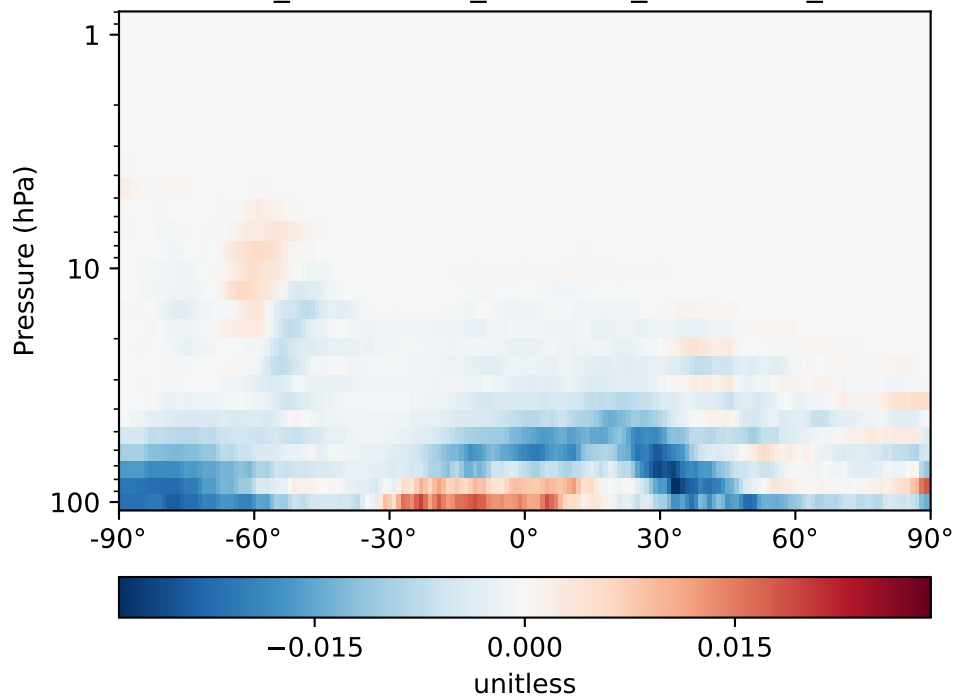
Difference (1x1.25)
Dev - Ref, Dynamic Range



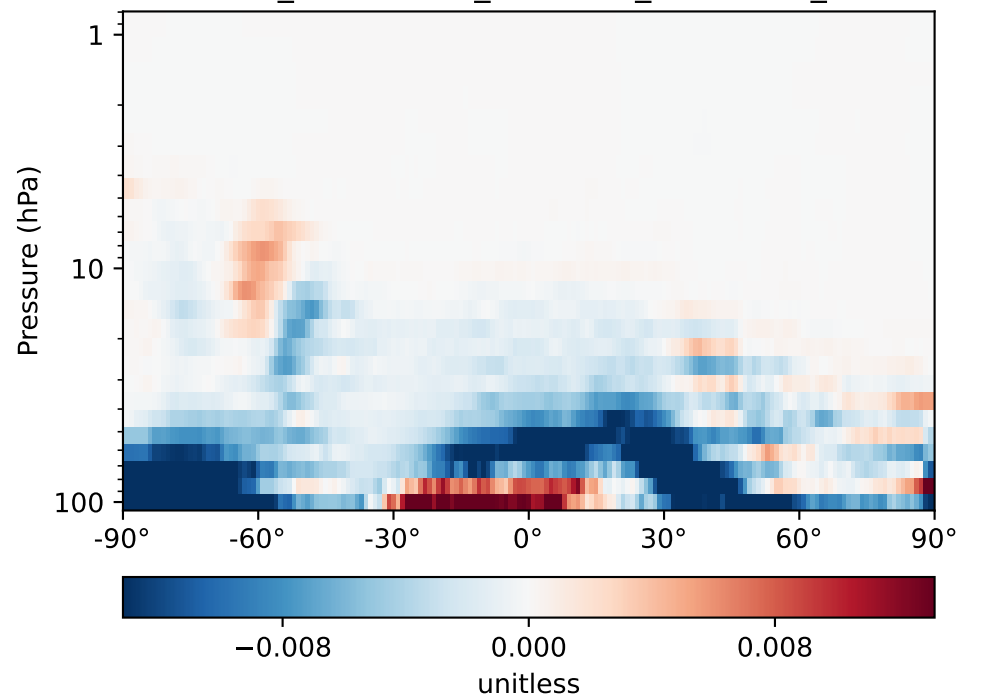
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

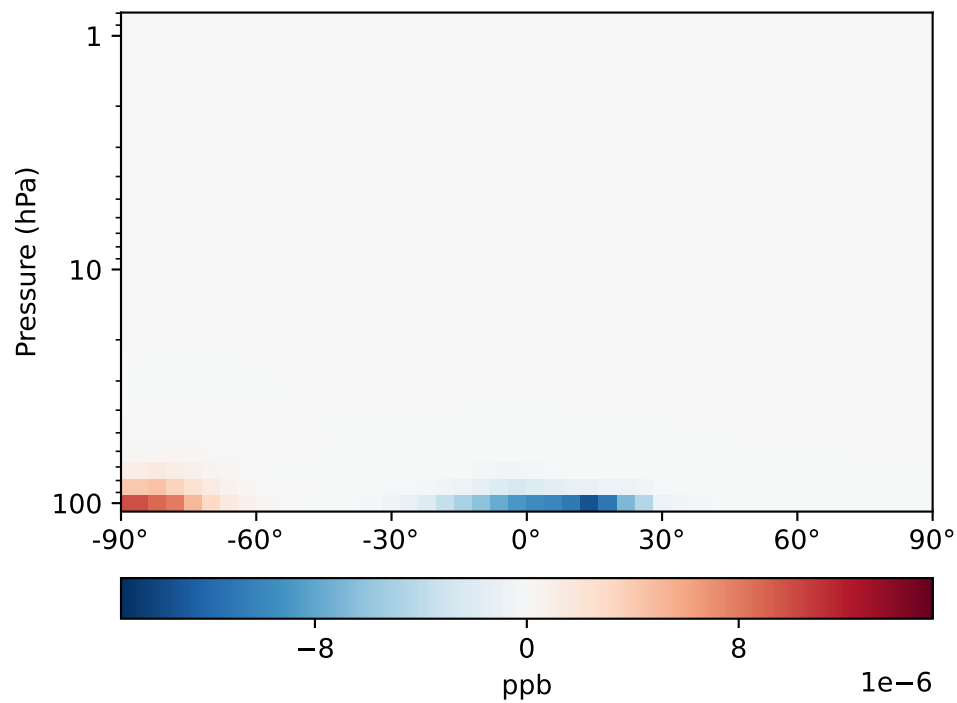


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

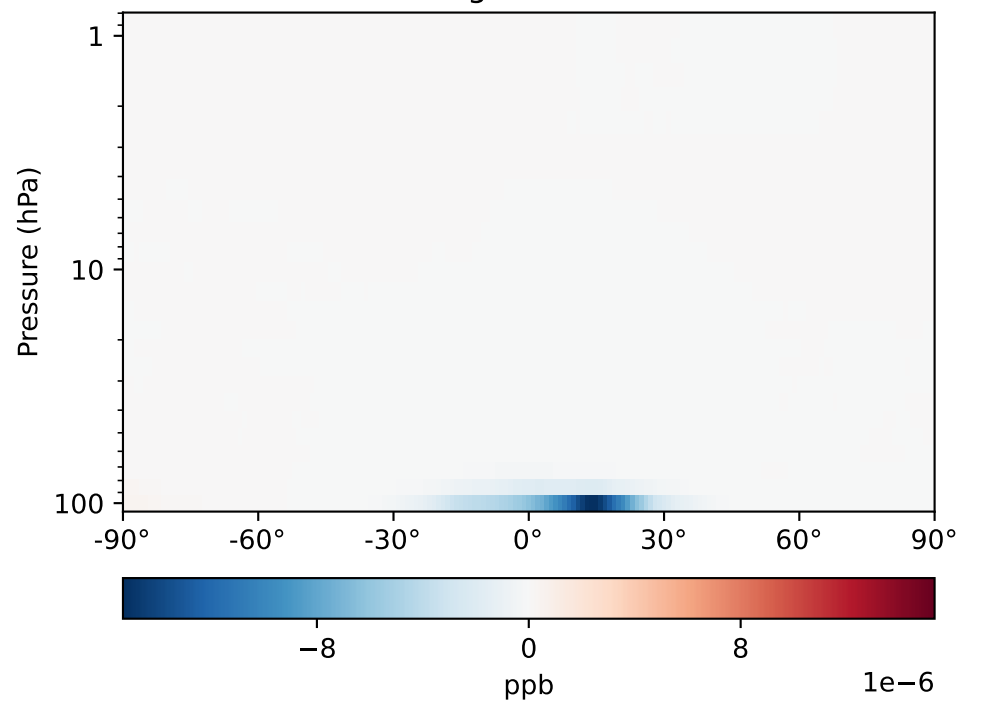


SpeciesConc_MEK, Zonal Mean

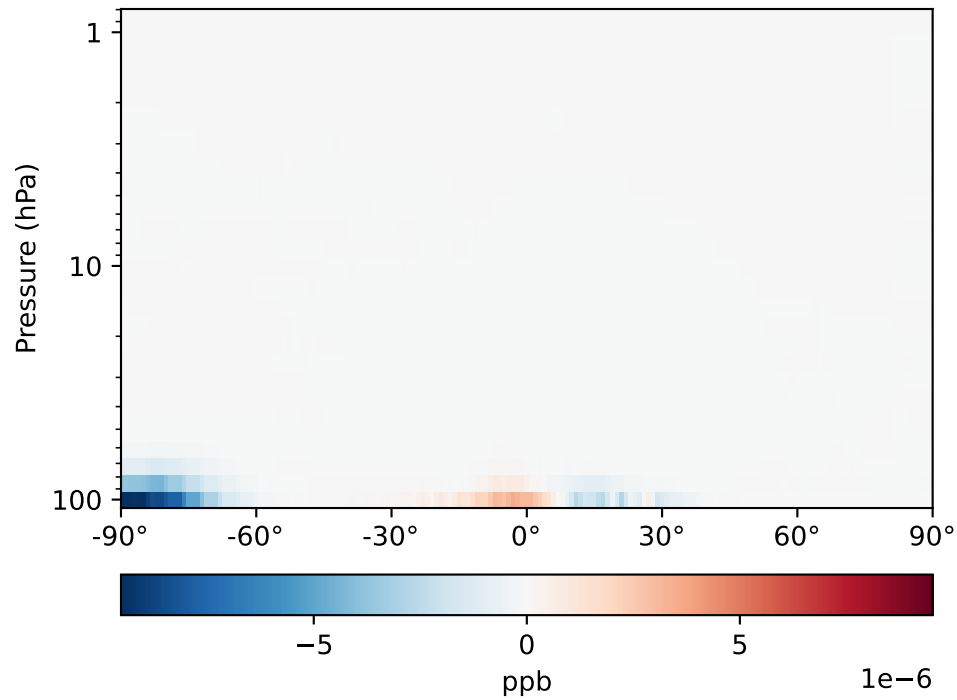
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



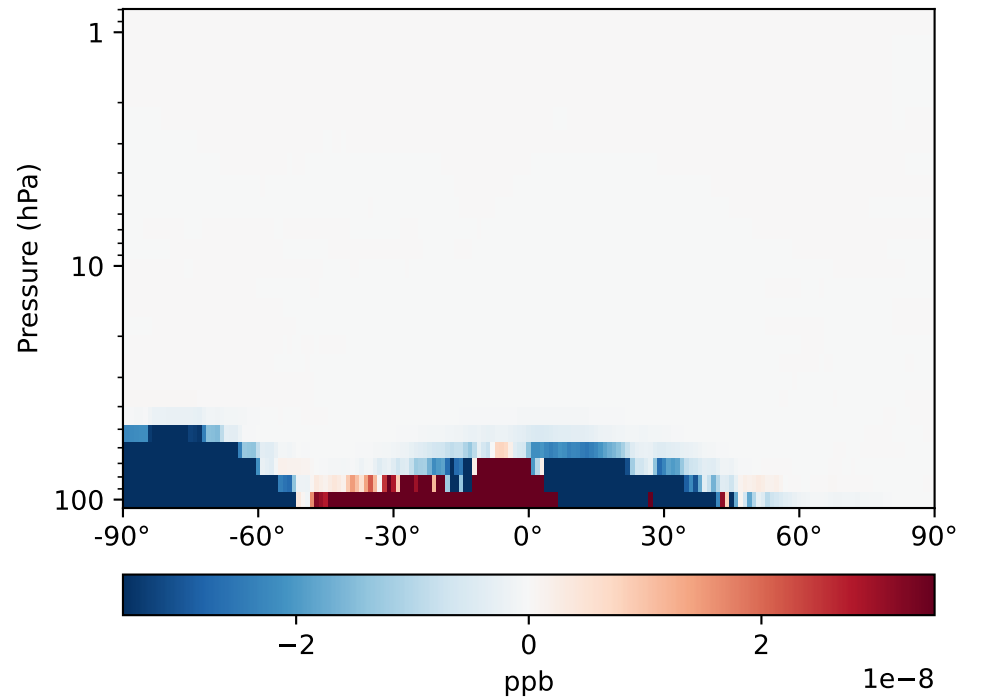
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



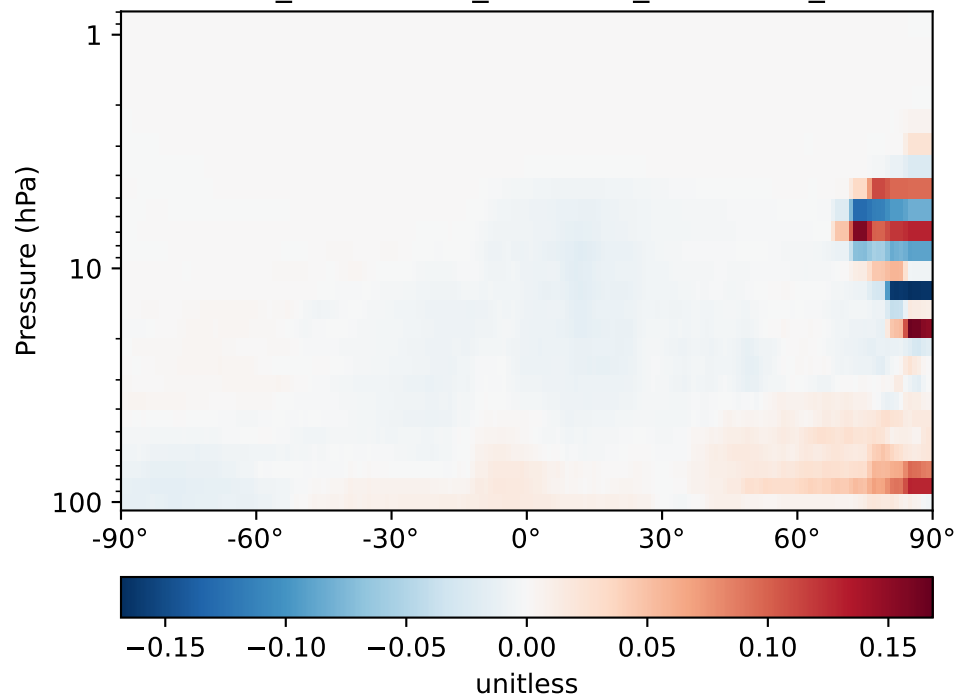
Difference (1x1.25)
Dev - Ref, Dynamic Range



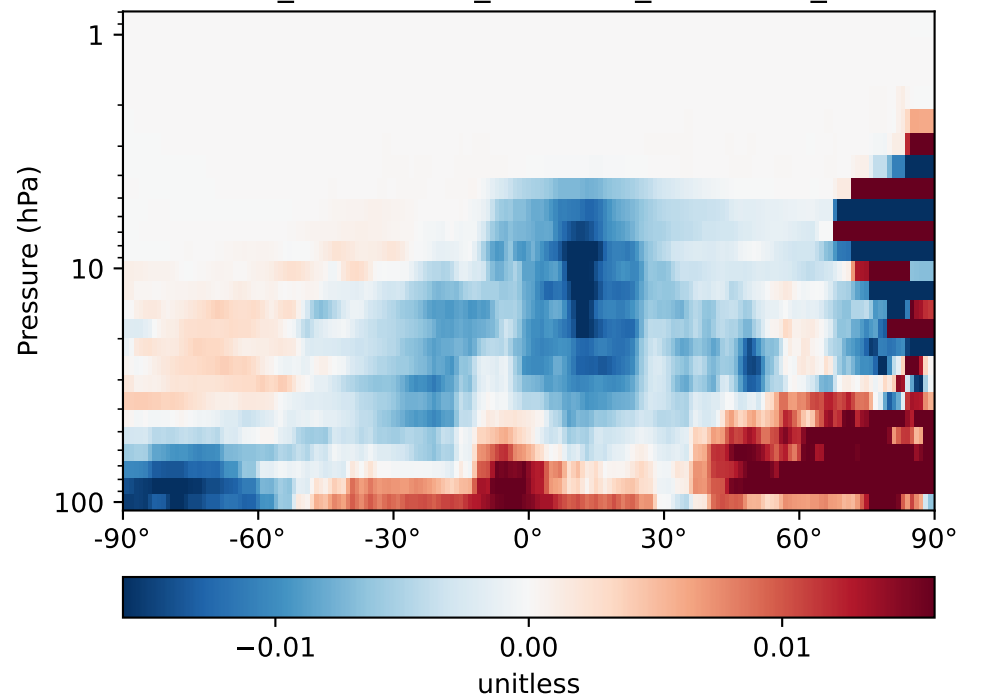
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

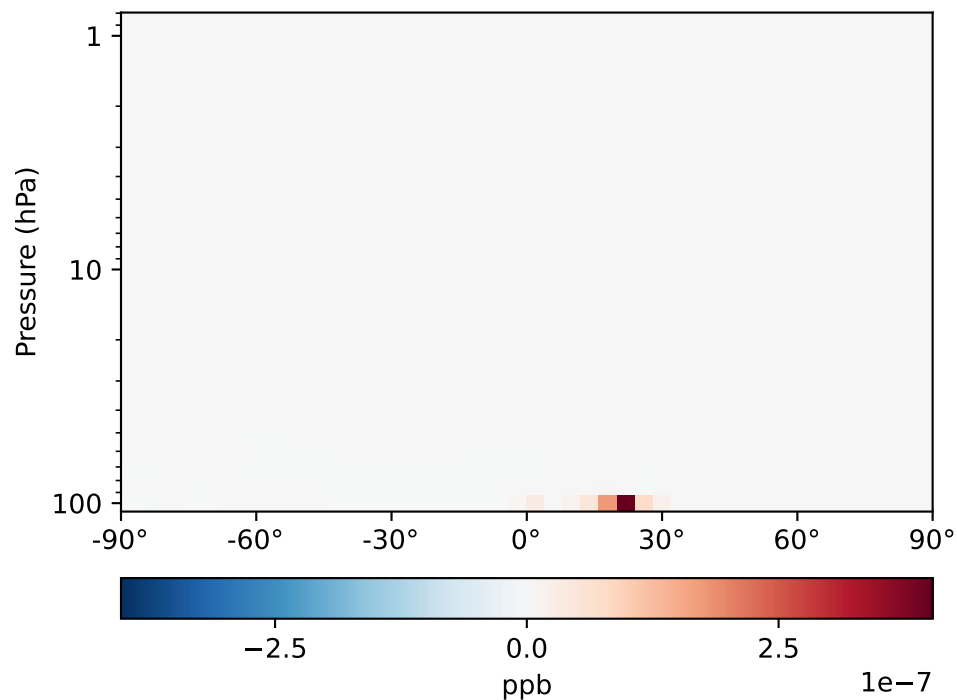


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

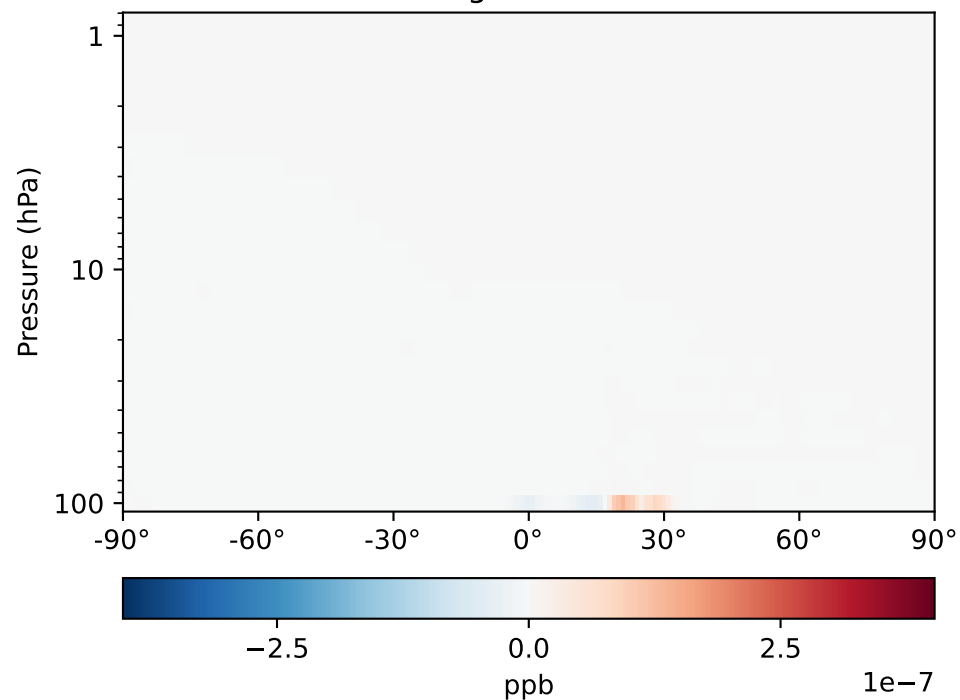


SpeciesConc_MVK, Zonal Mean

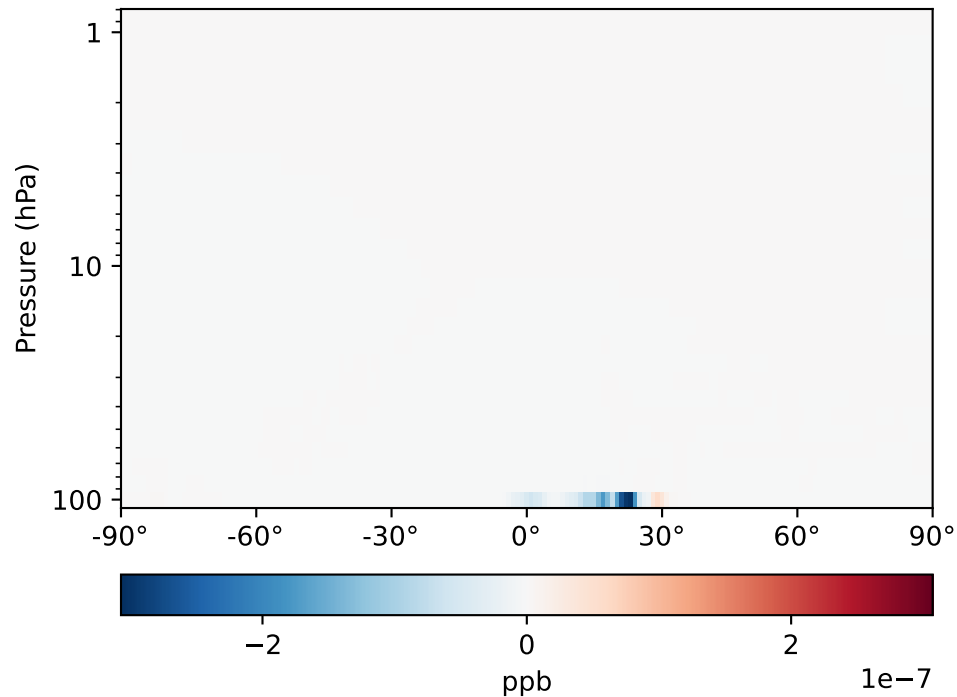
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



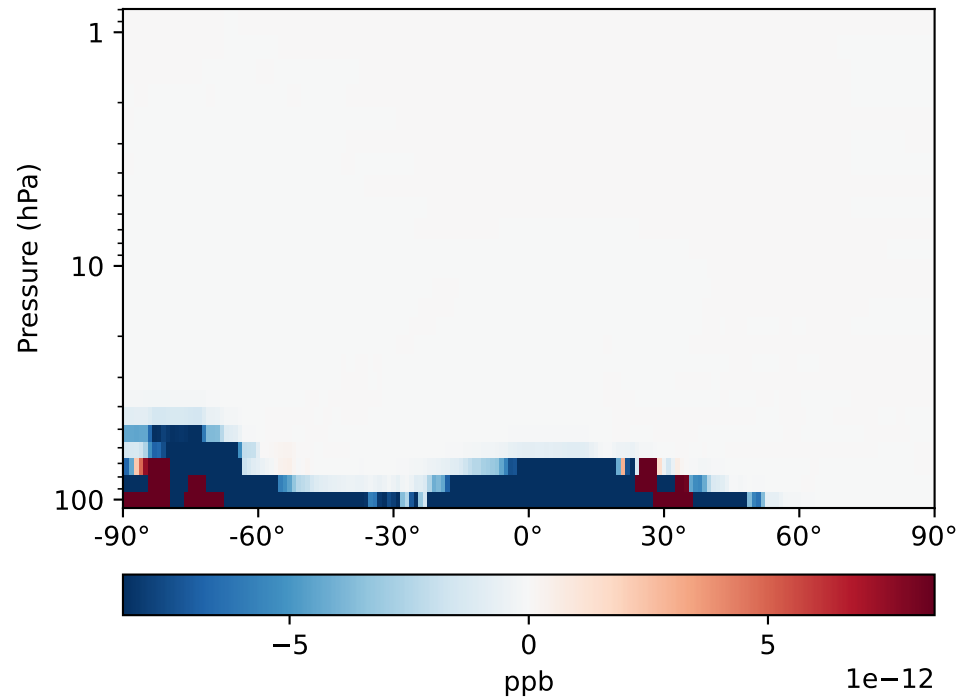
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



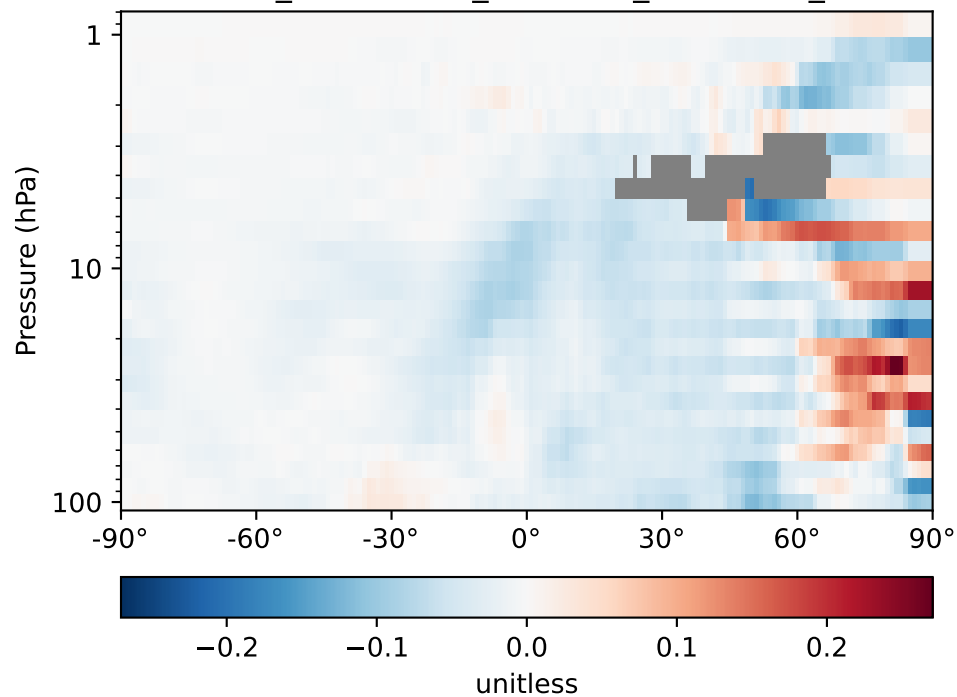
Difference (1x1.25)
Dev - Ref, Dynamic Range



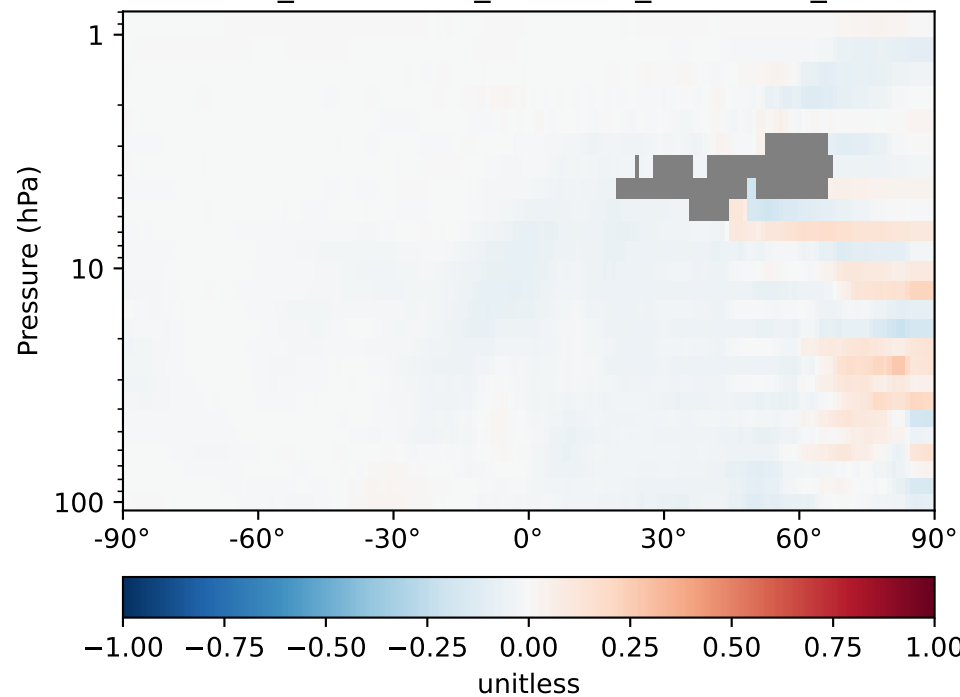
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

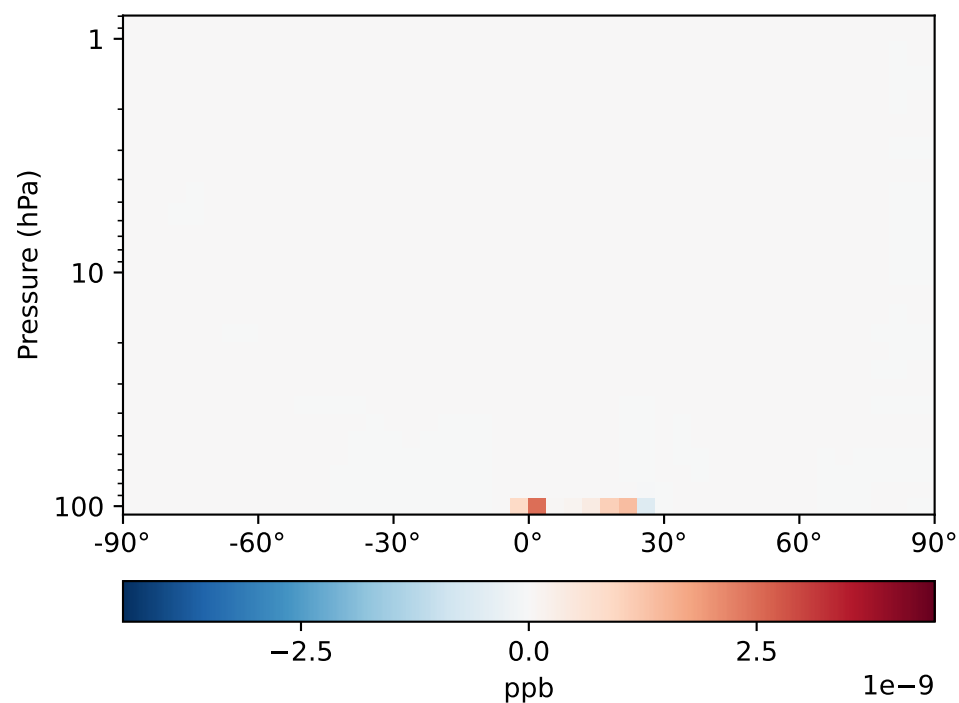


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

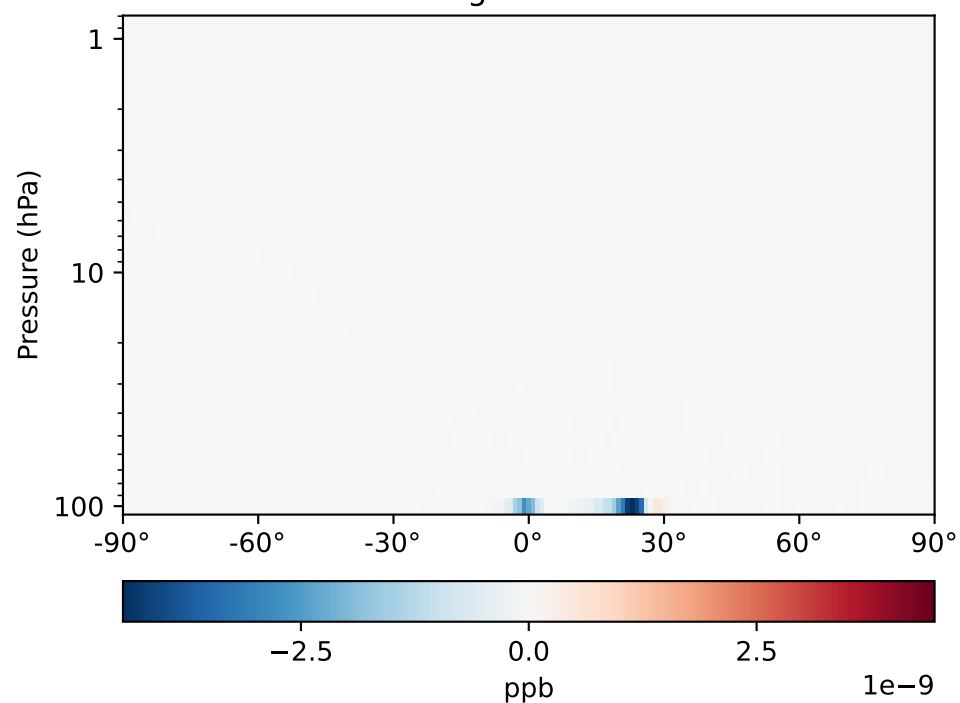


SpeciesConc_ISOPN, Zonal Mean

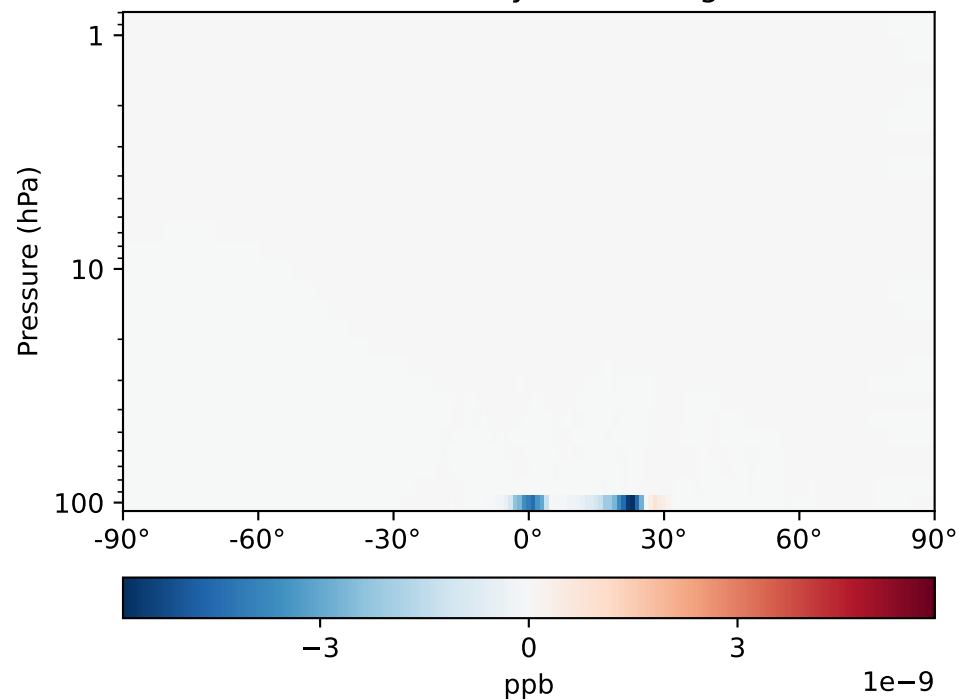
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



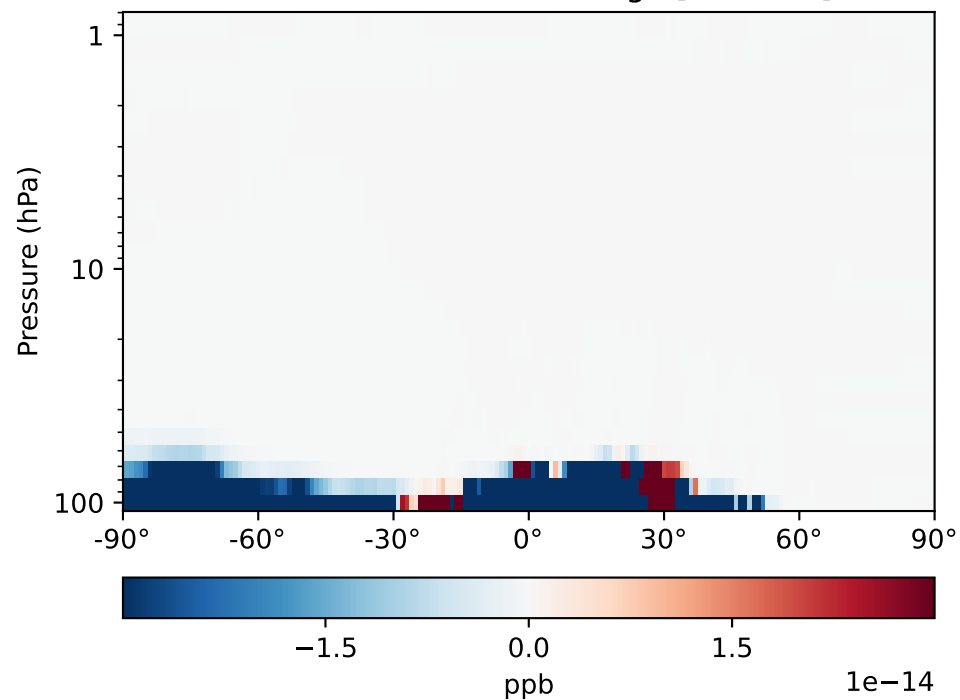
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



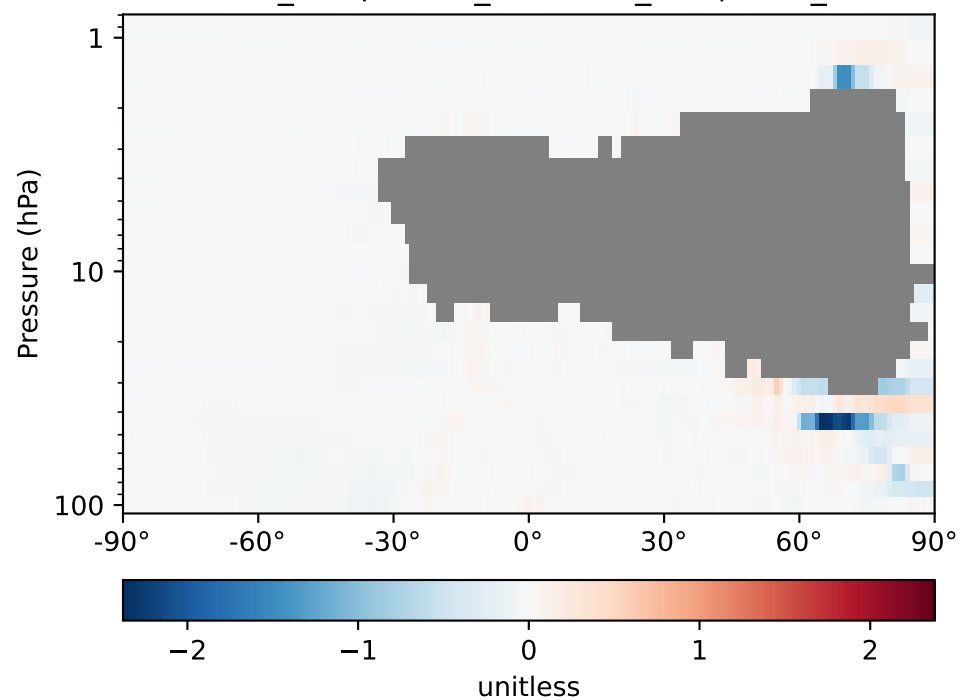
Difference (1x1.25)
Dev - Ref, Dynamic Range



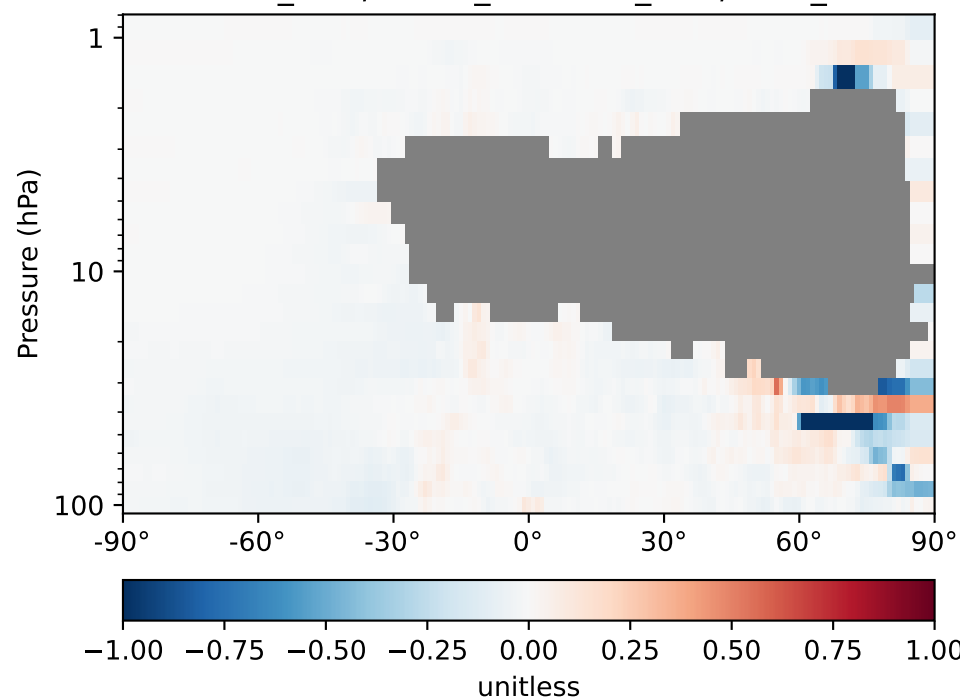
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

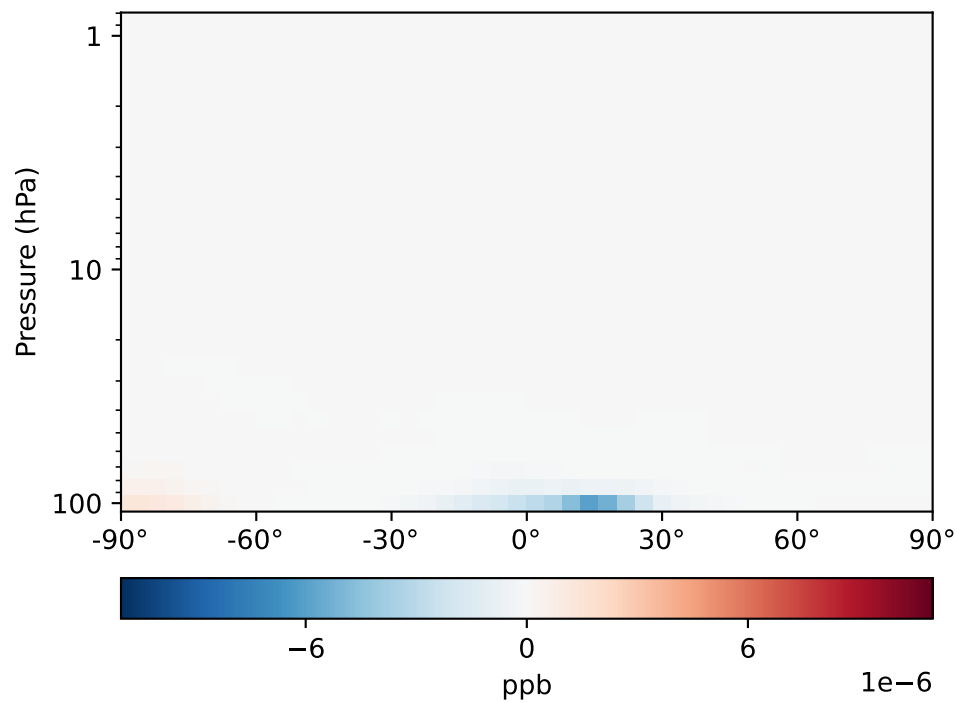


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

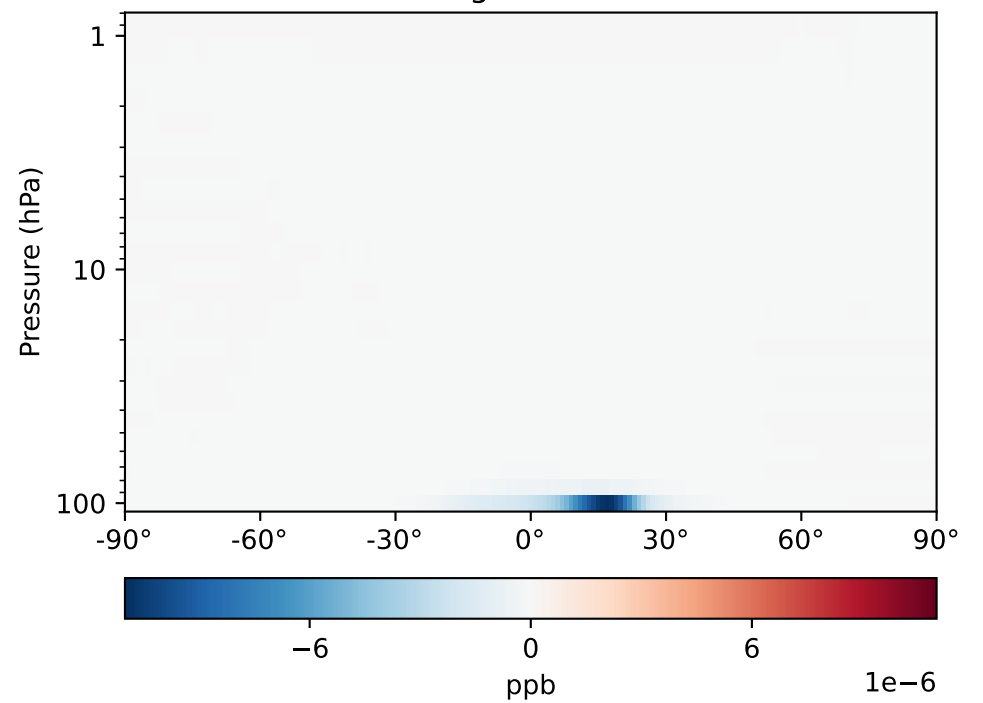


SpeciesConc_GLYC, Zonal Mean

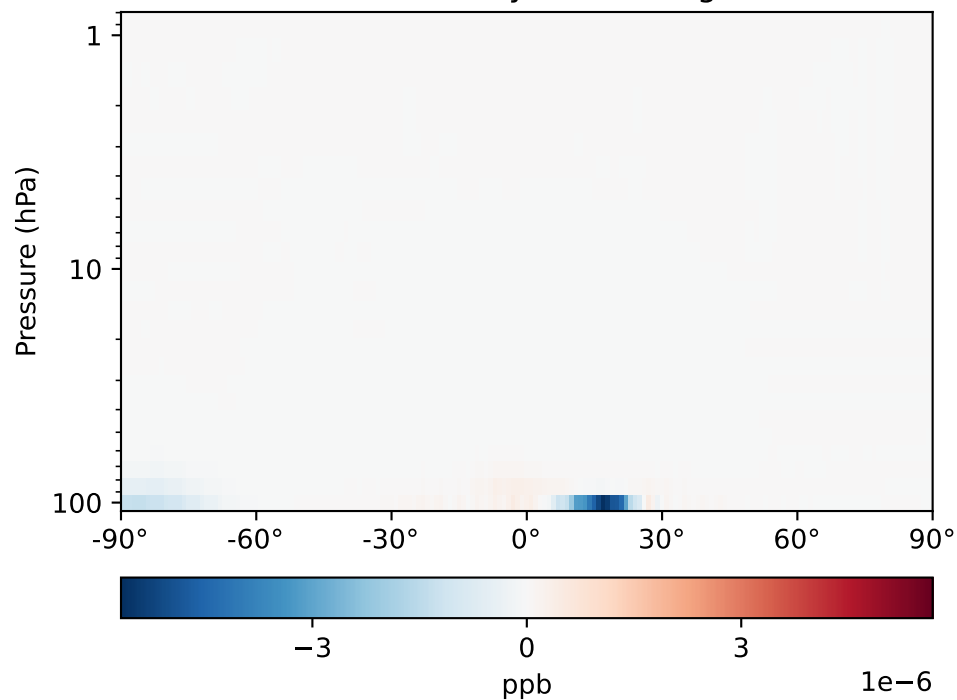
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



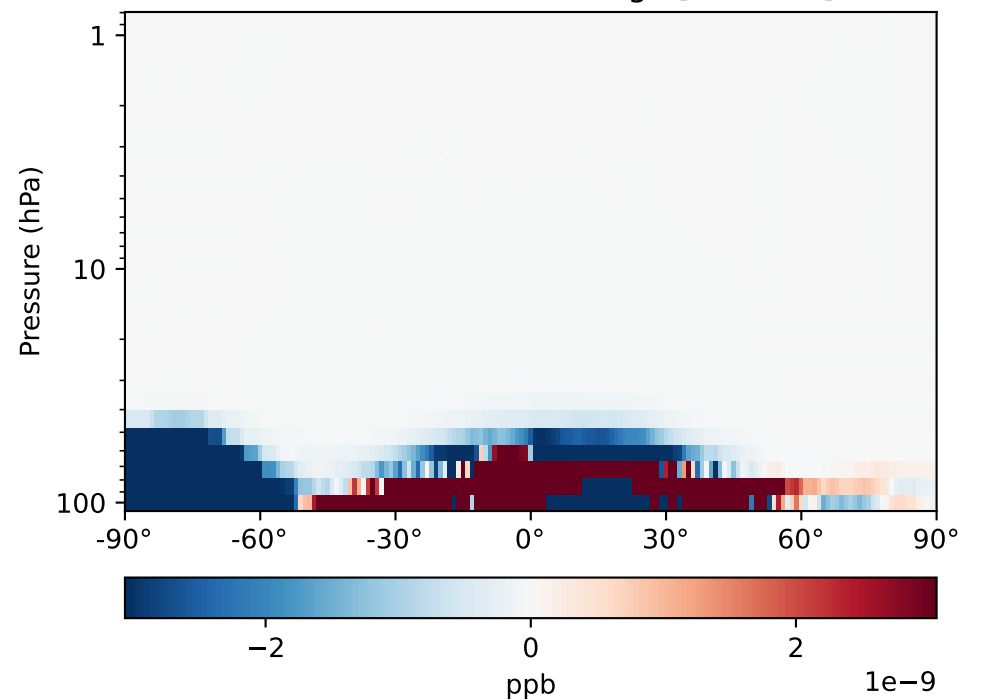
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



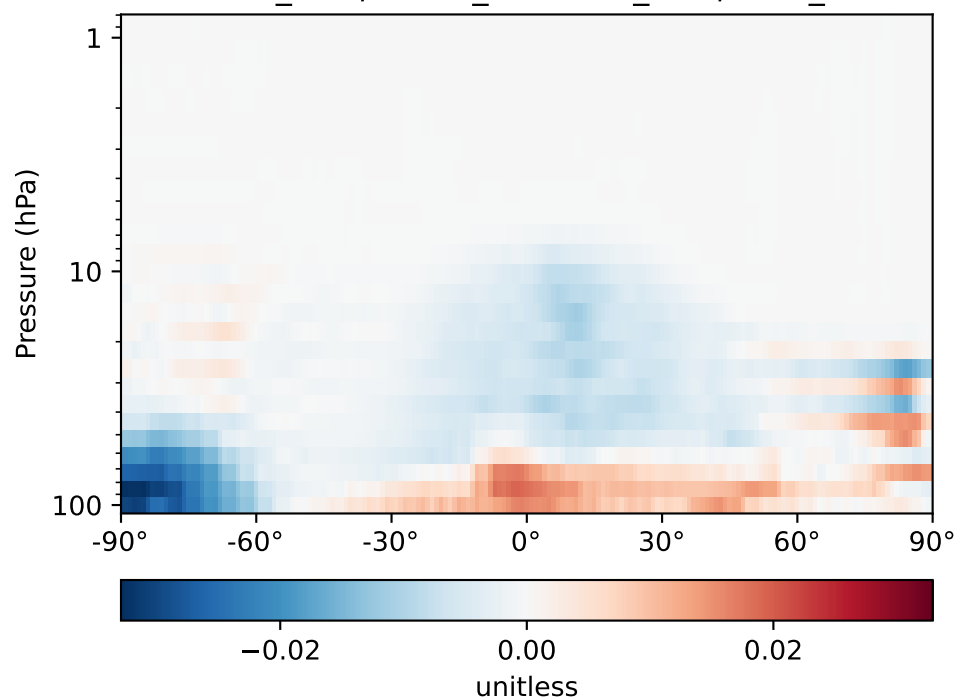
Difference (1x1.25)
Dev - Ref, Dynamic Range



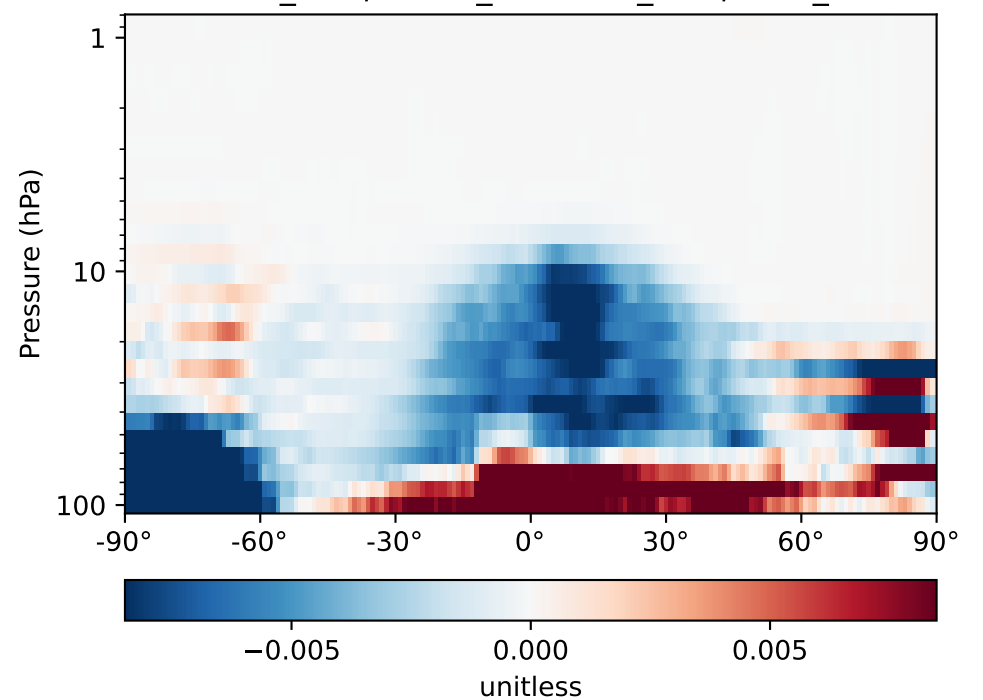
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

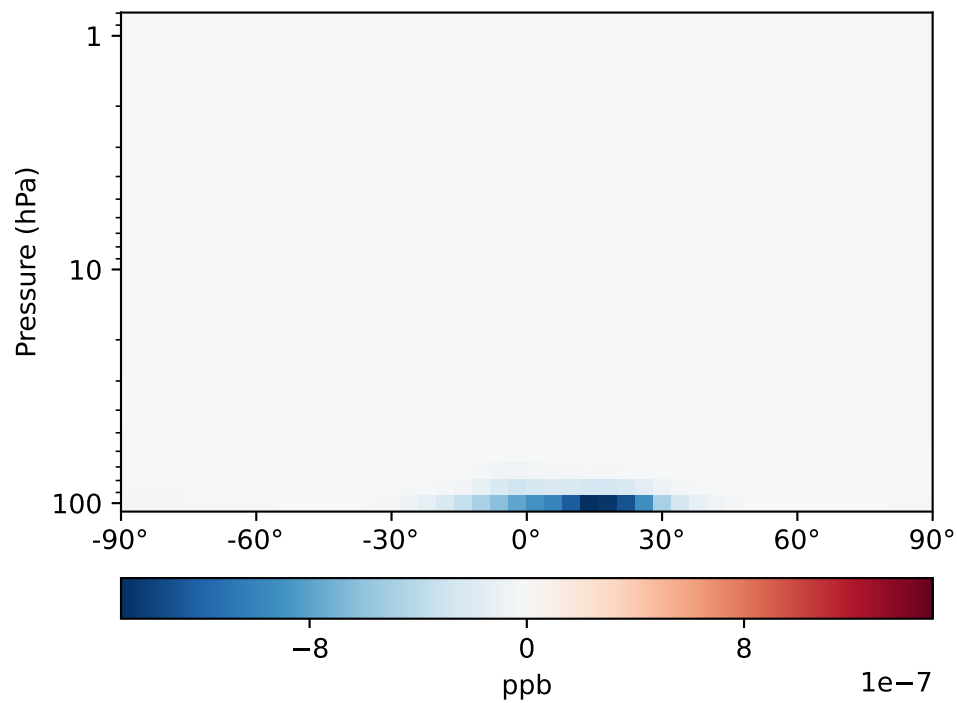


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

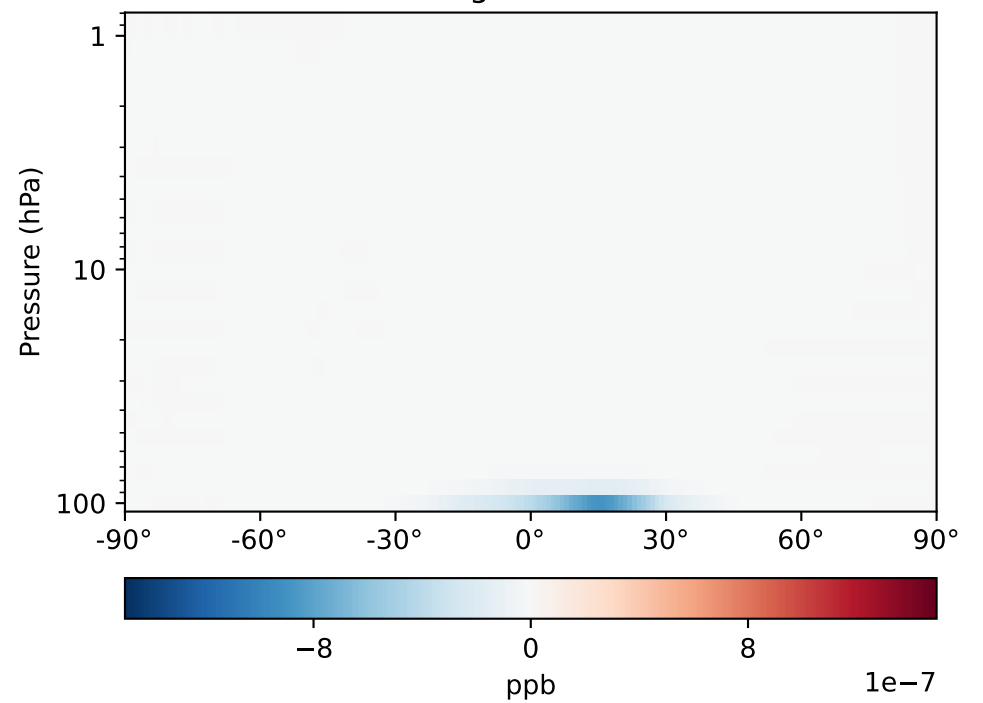


SpeciesConc_GLYX, Zonal Mean

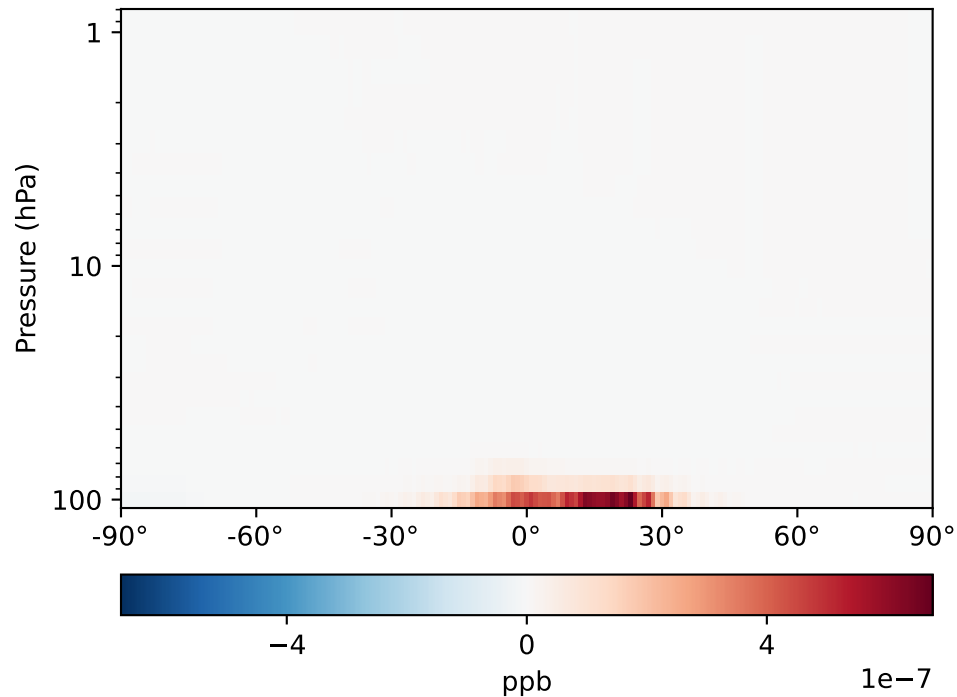
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



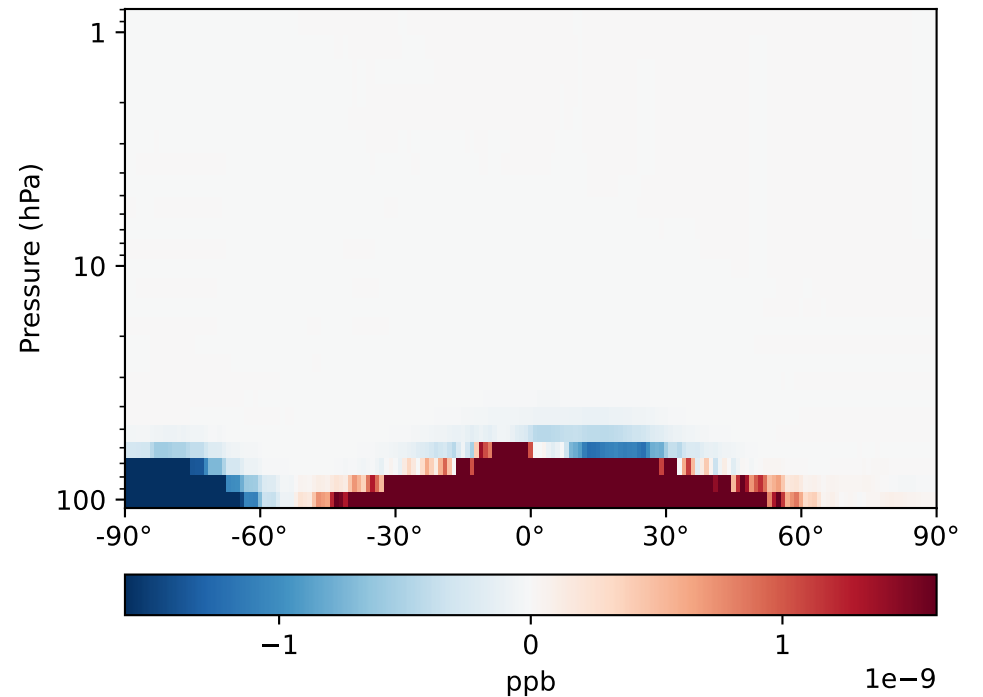
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



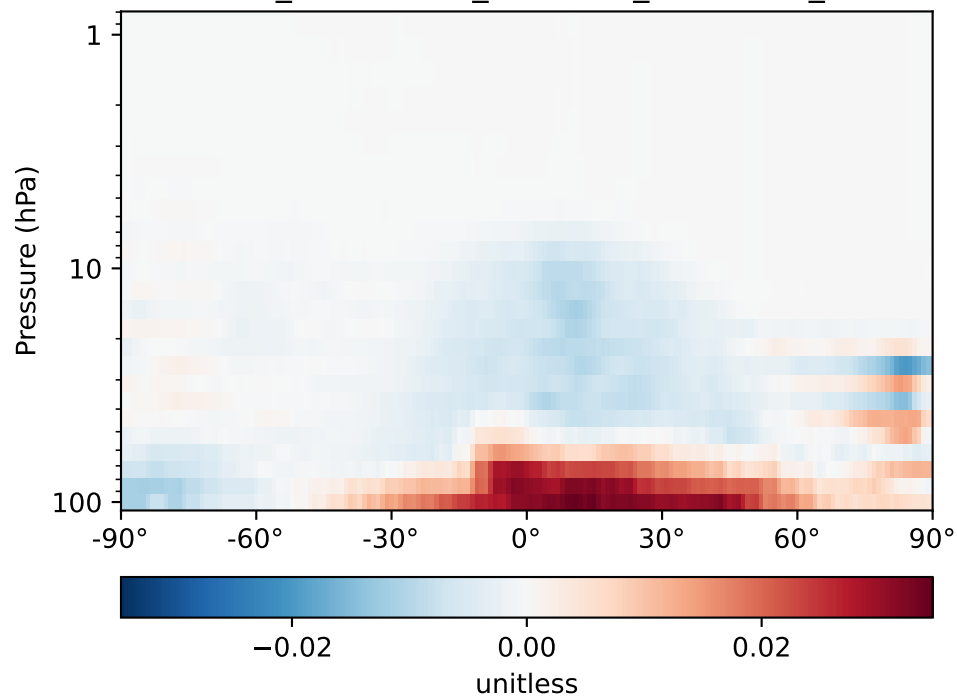
Difference (1x1.25)
Dev - Ref, Dynamic Range



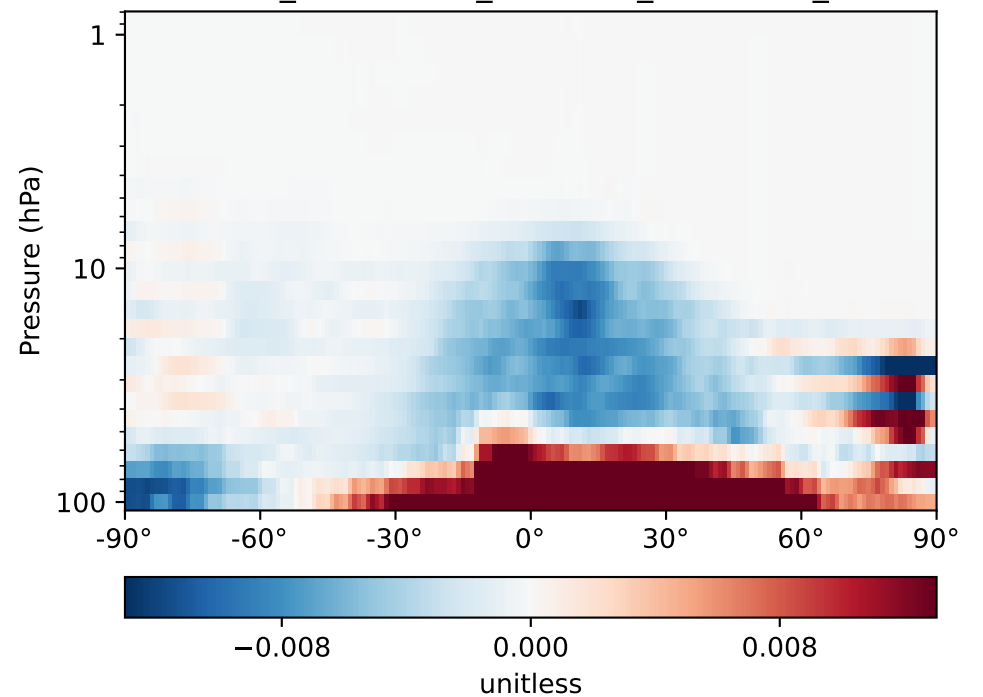
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

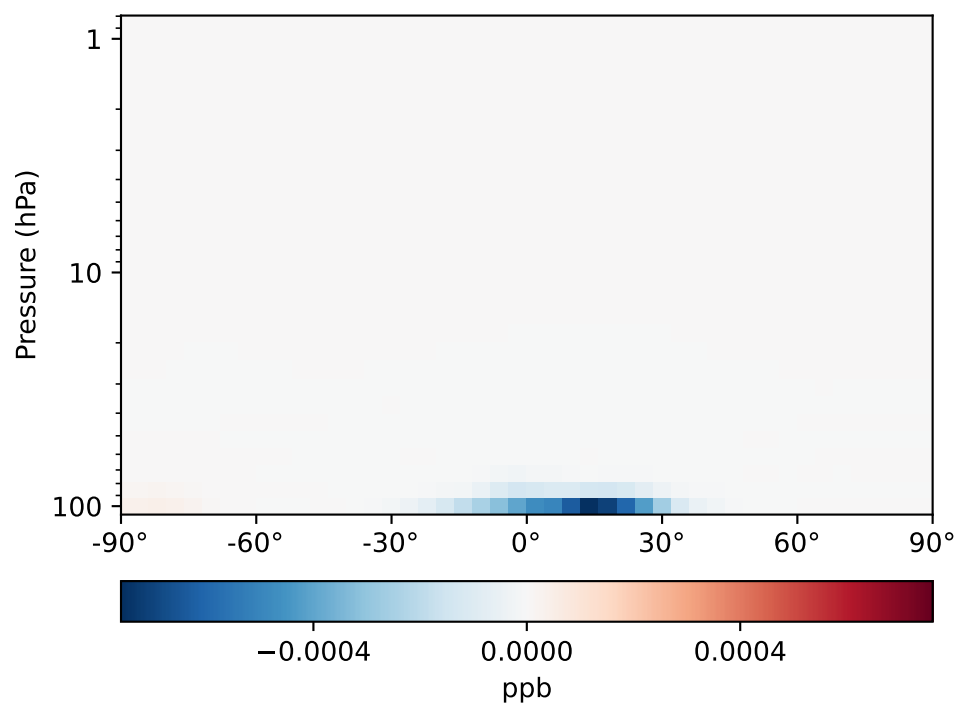


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

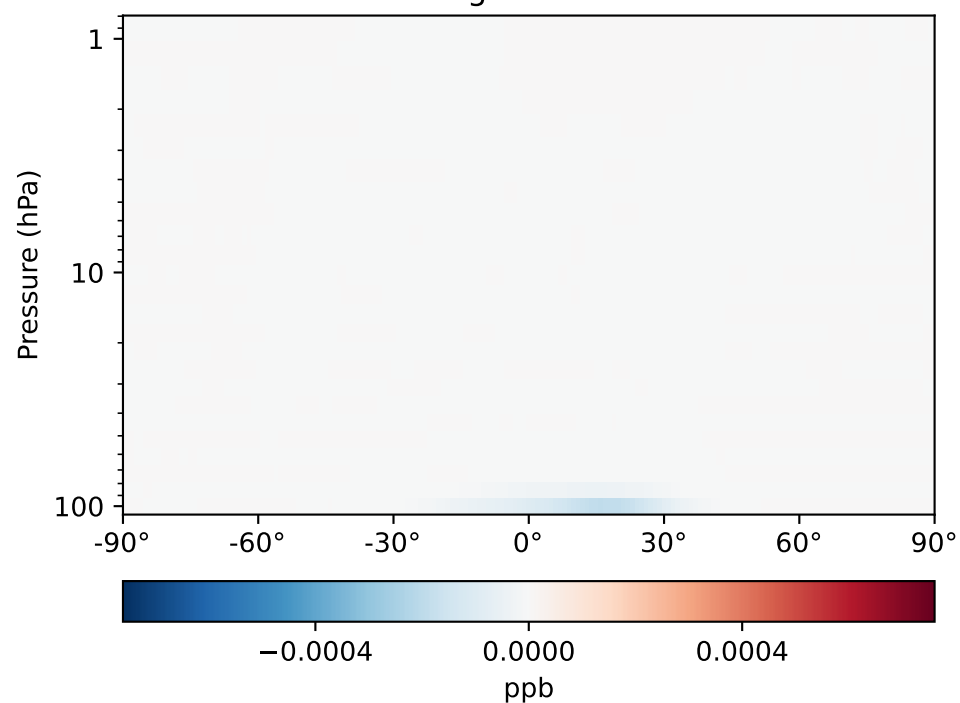


SpeciesConc_HCOOH, Zonal Mean

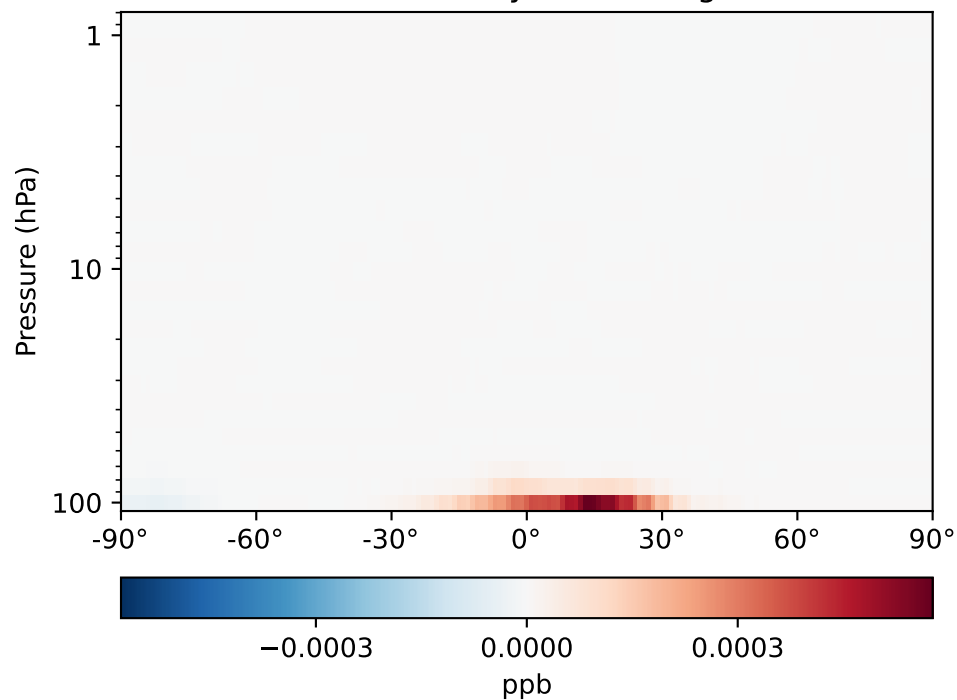
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



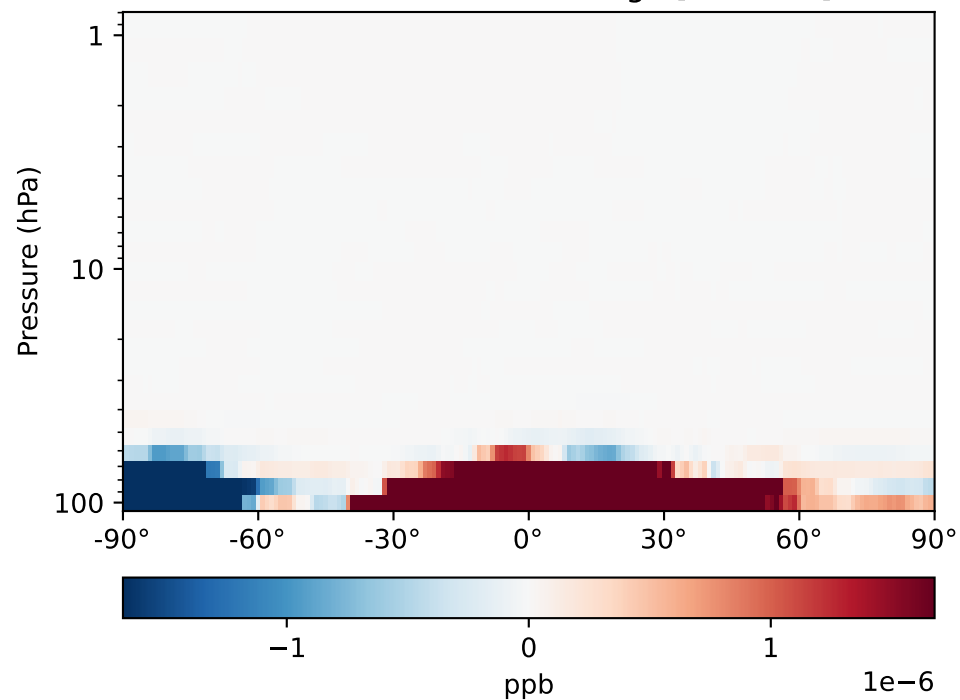
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



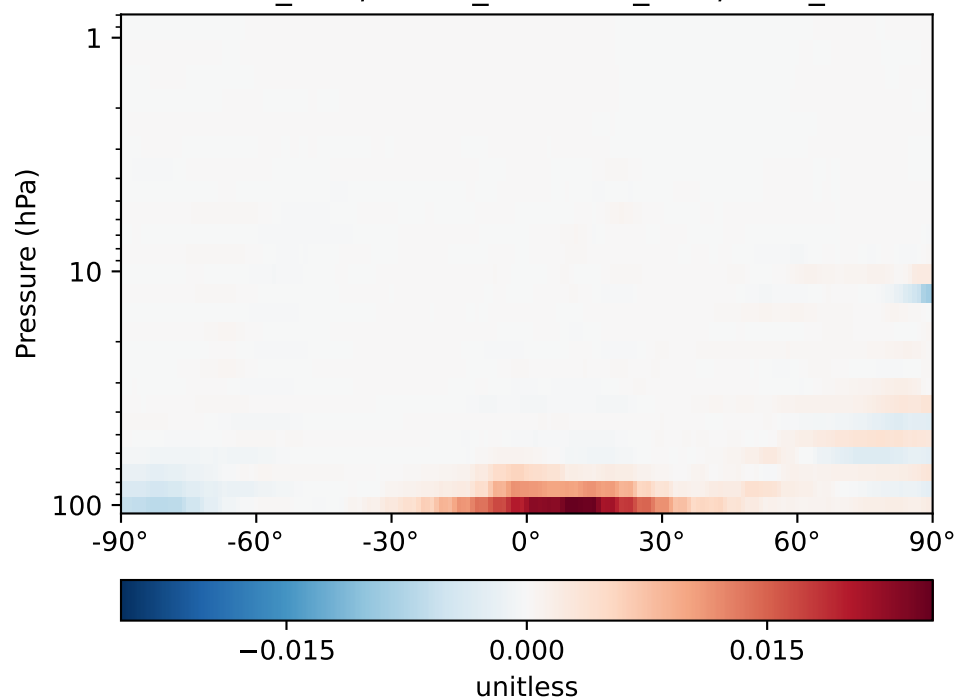
Difference (1x1.25)
Dev - Ref, Dynamic Range



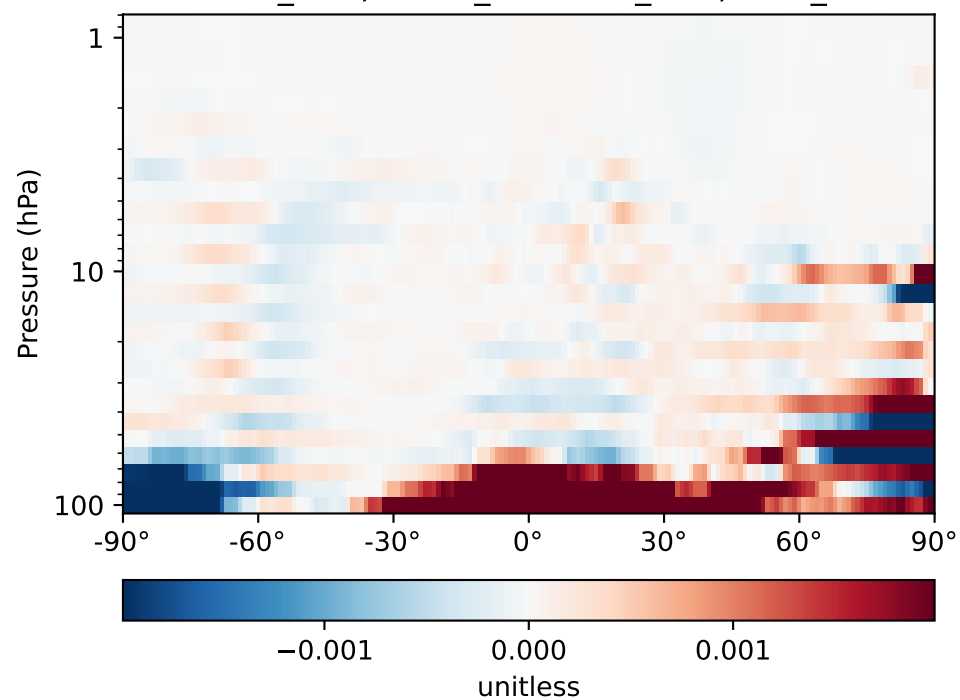
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

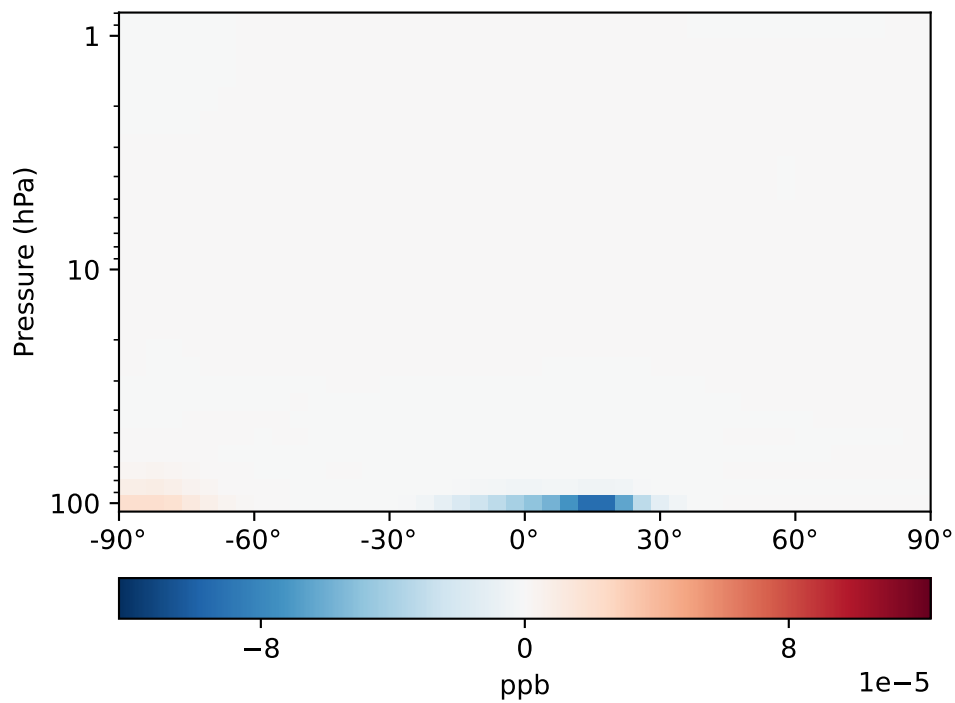


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

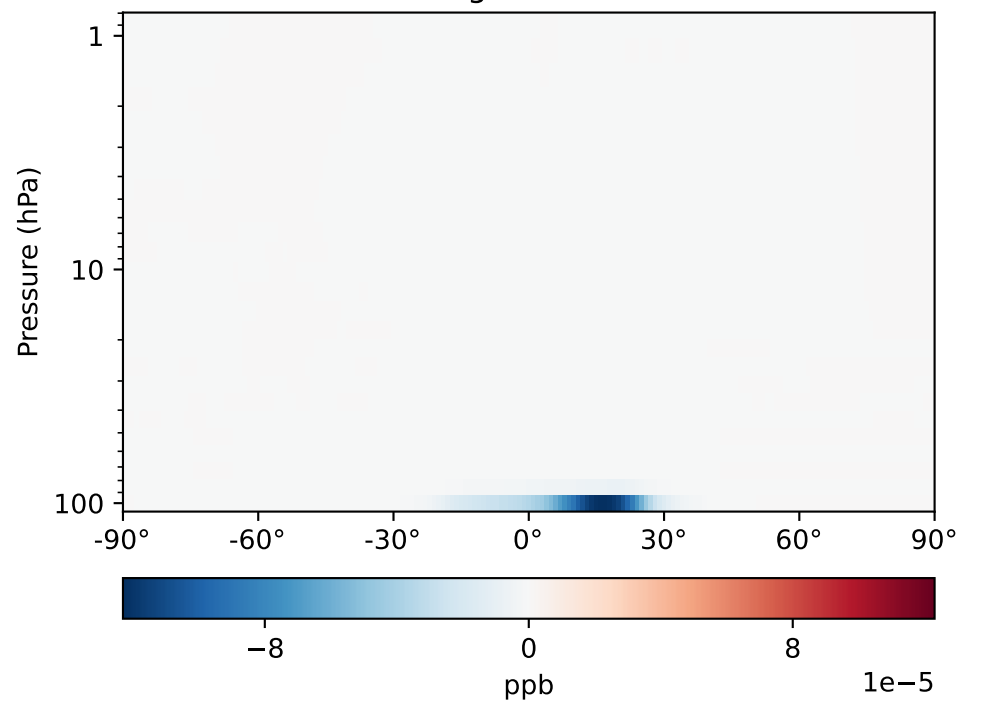


SpeciesConc_MAP, Zonal Mean

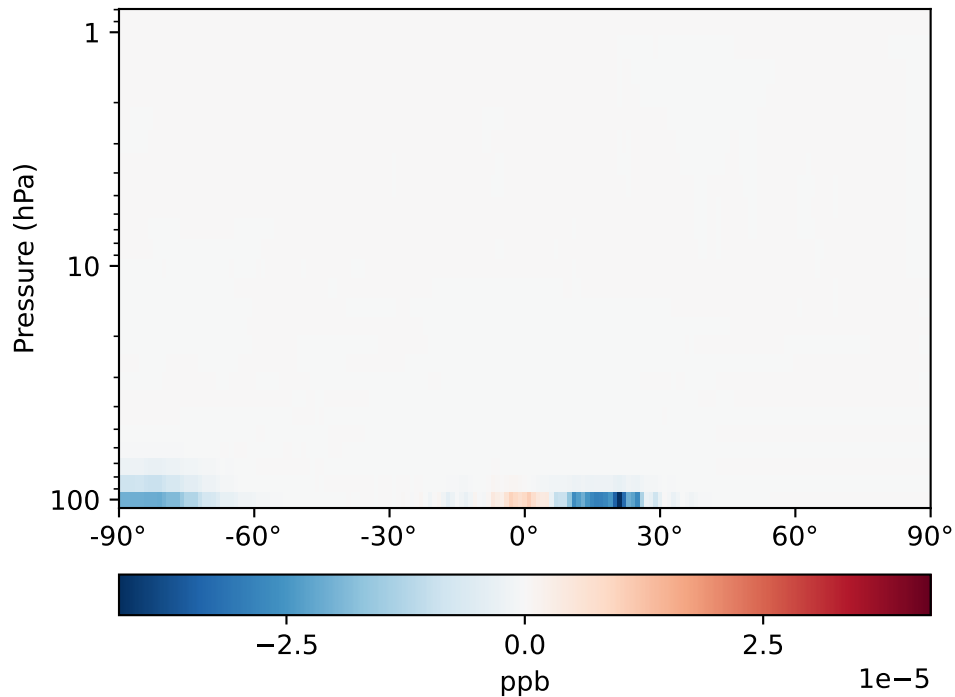
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



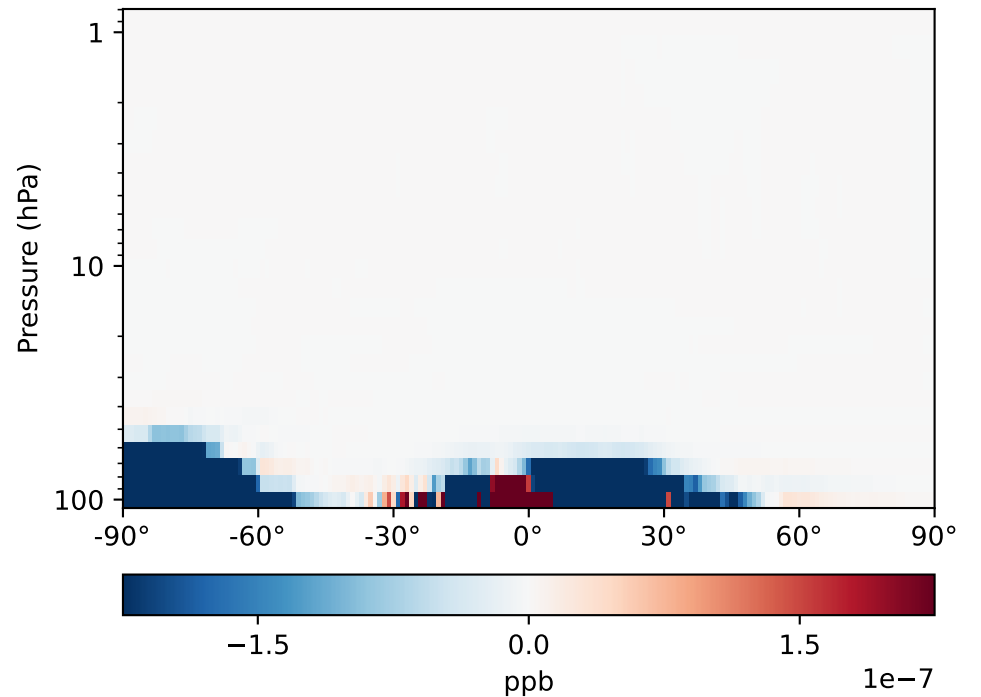
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



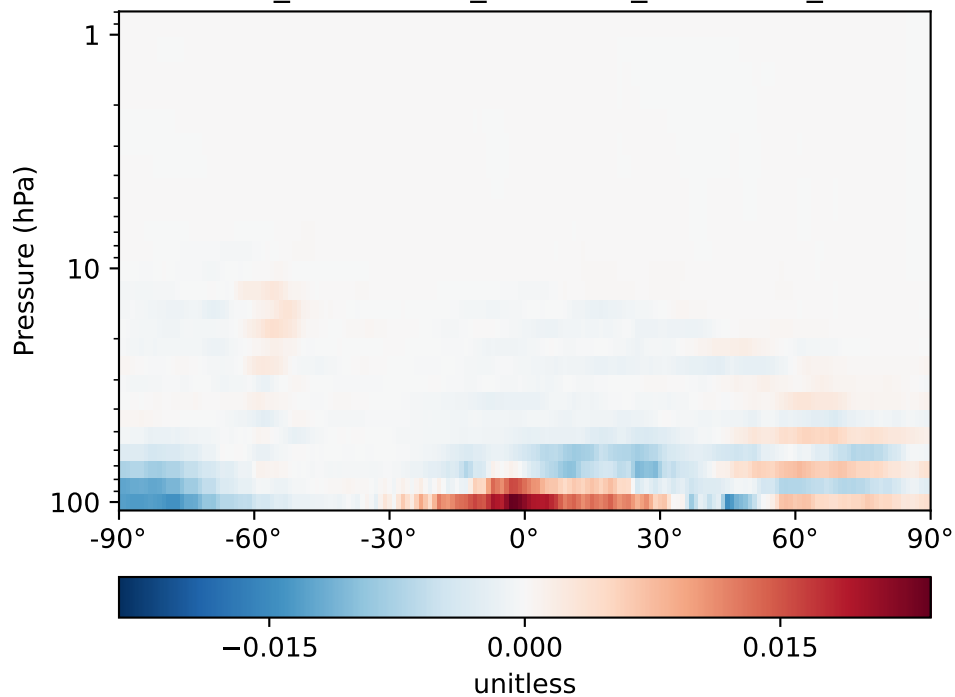
Difference (1x1.25)
Dev - Ref, Dynamic Range



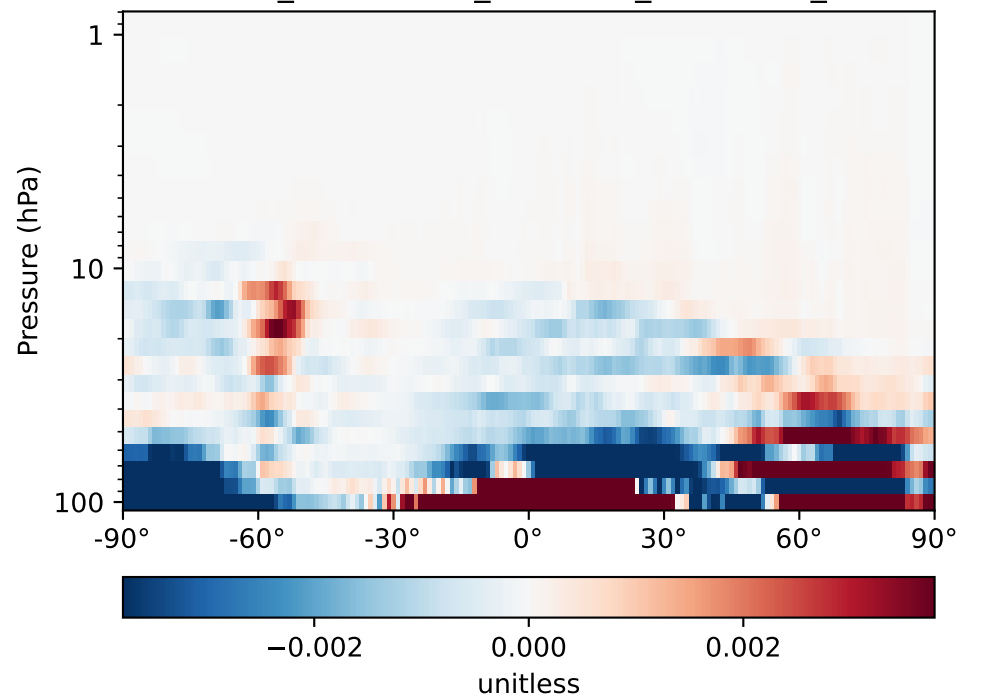
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

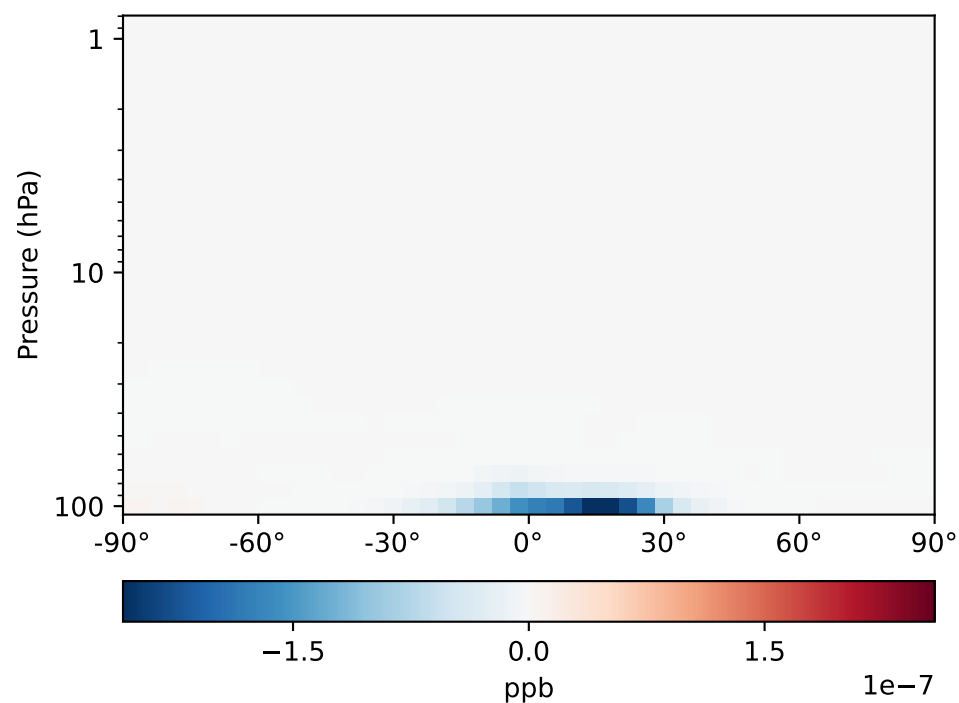


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

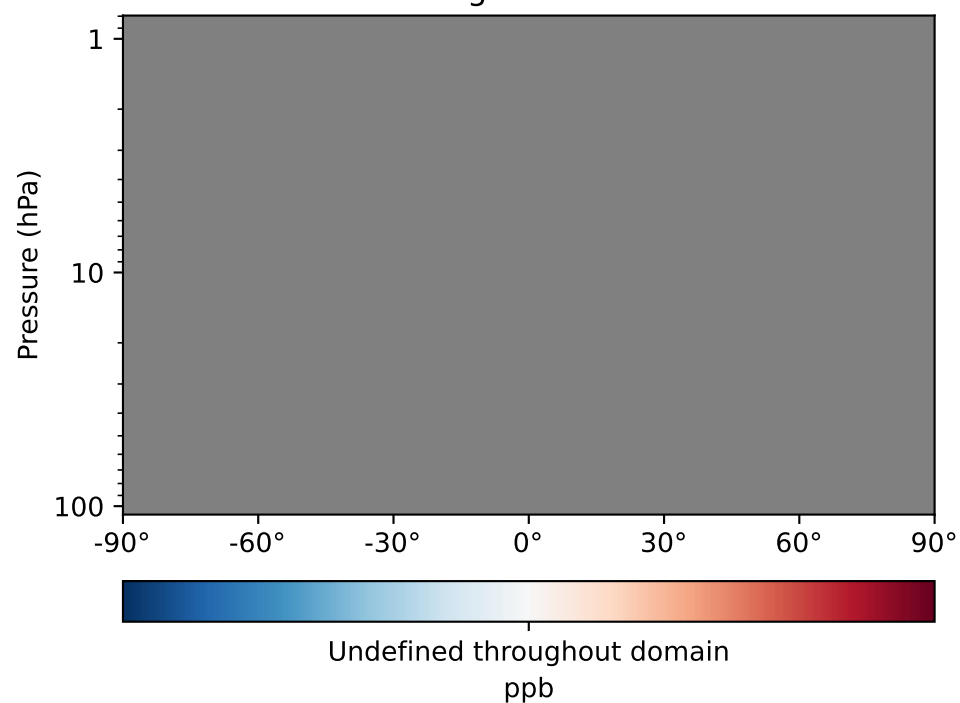


SpeciesConc_PHEN, Zonal Mean

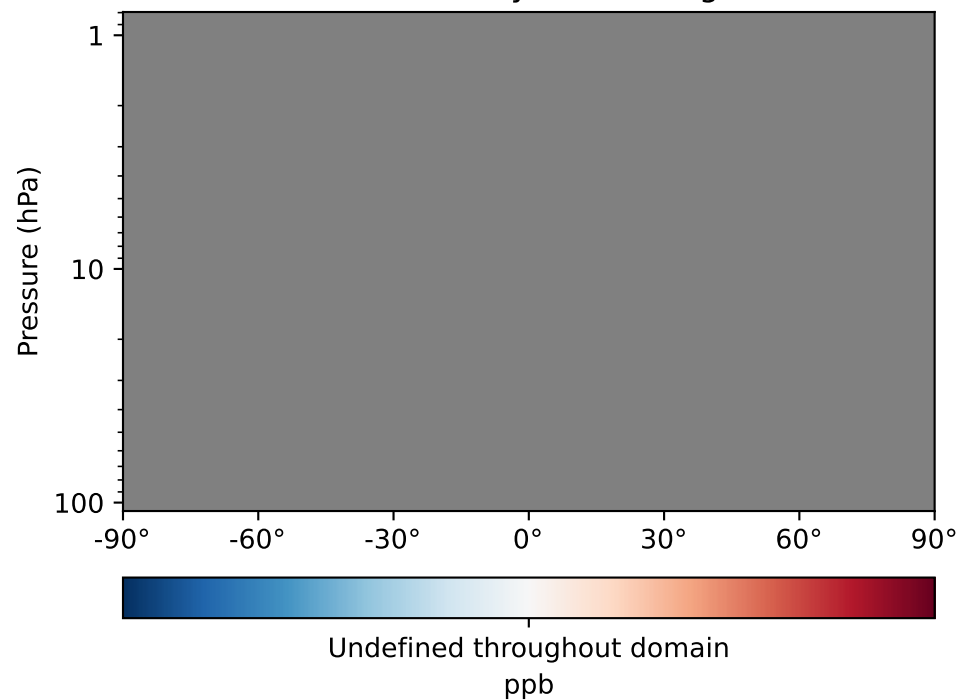
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



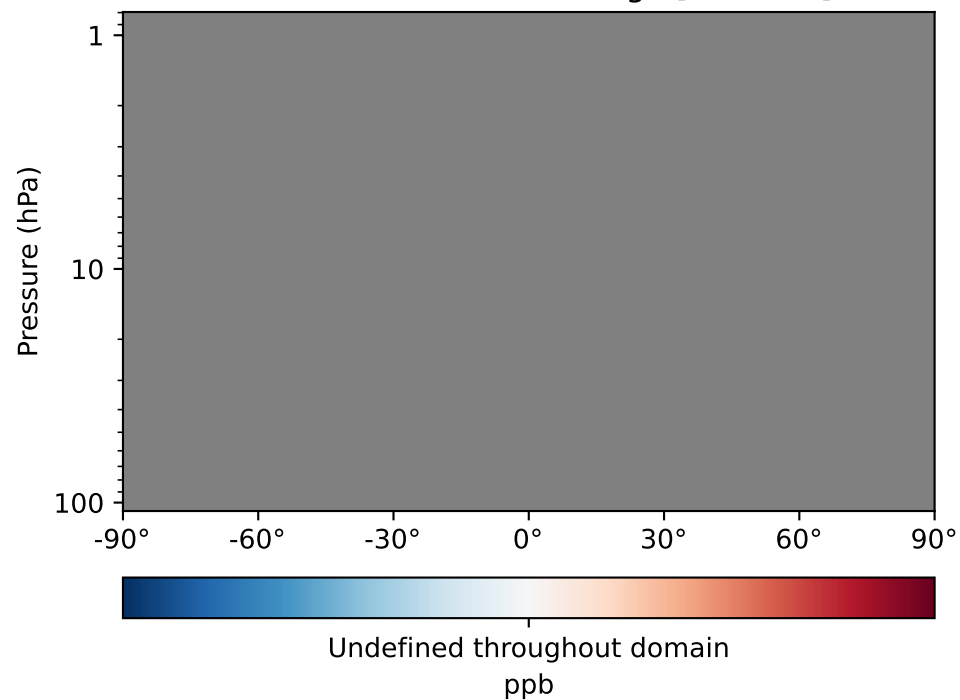
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regridded from c48



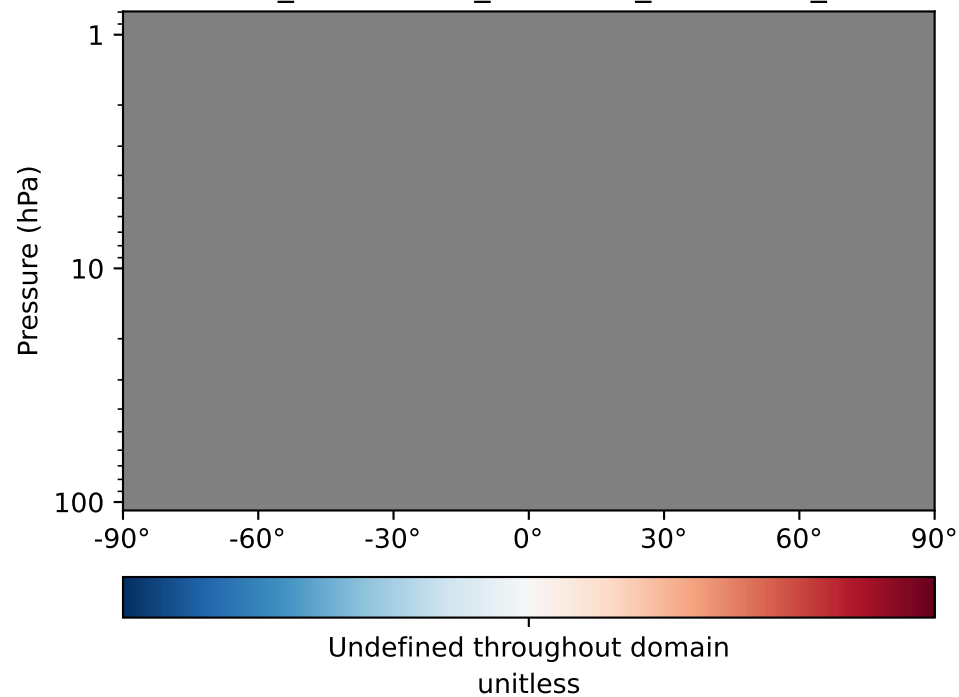
Difference (1x1.25)
Dev - Ref, Dynamic Range



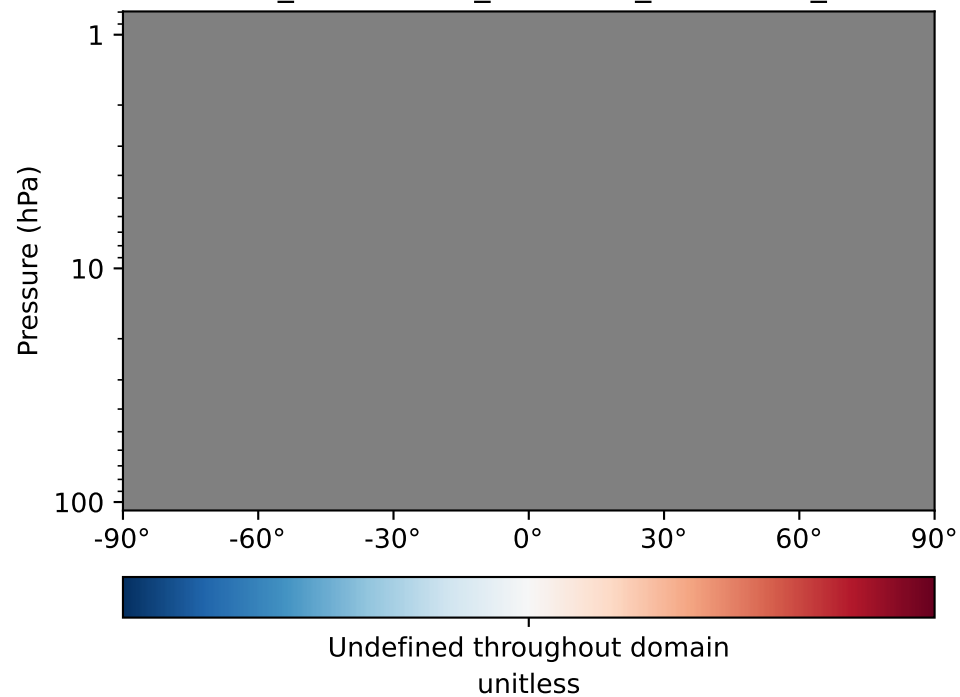
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

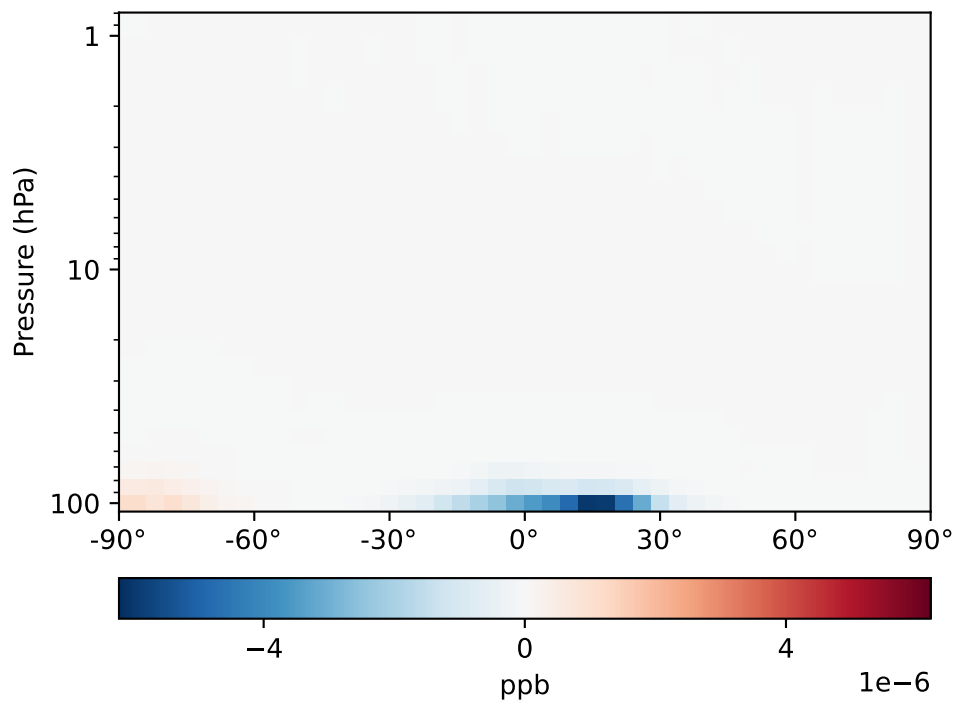


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

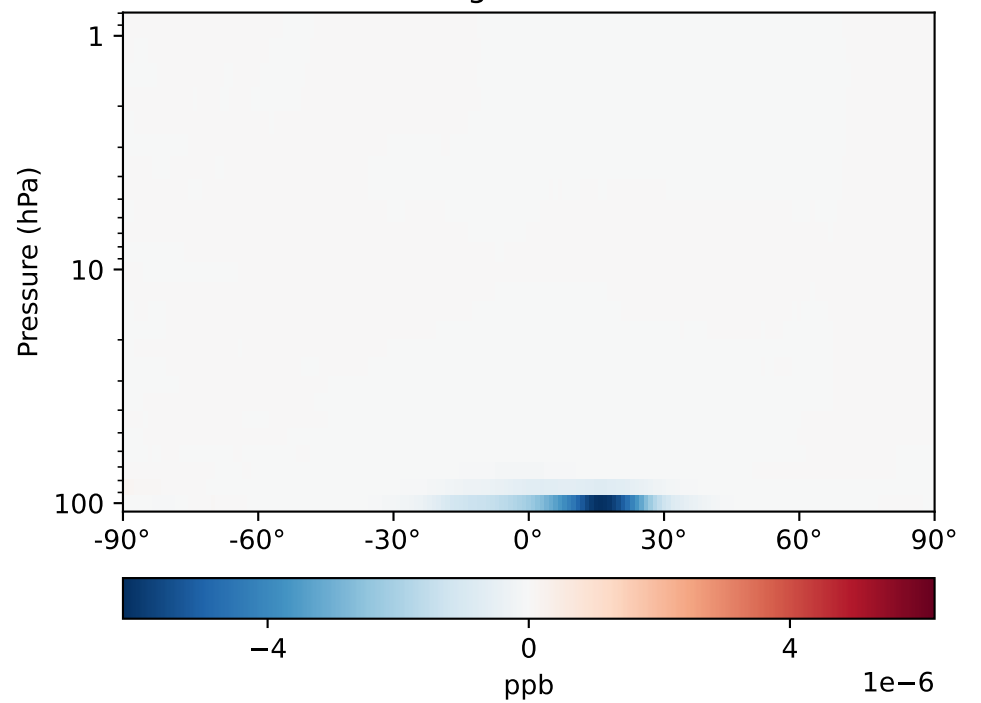


SpeciesConc_RCHO, Zonal Mean

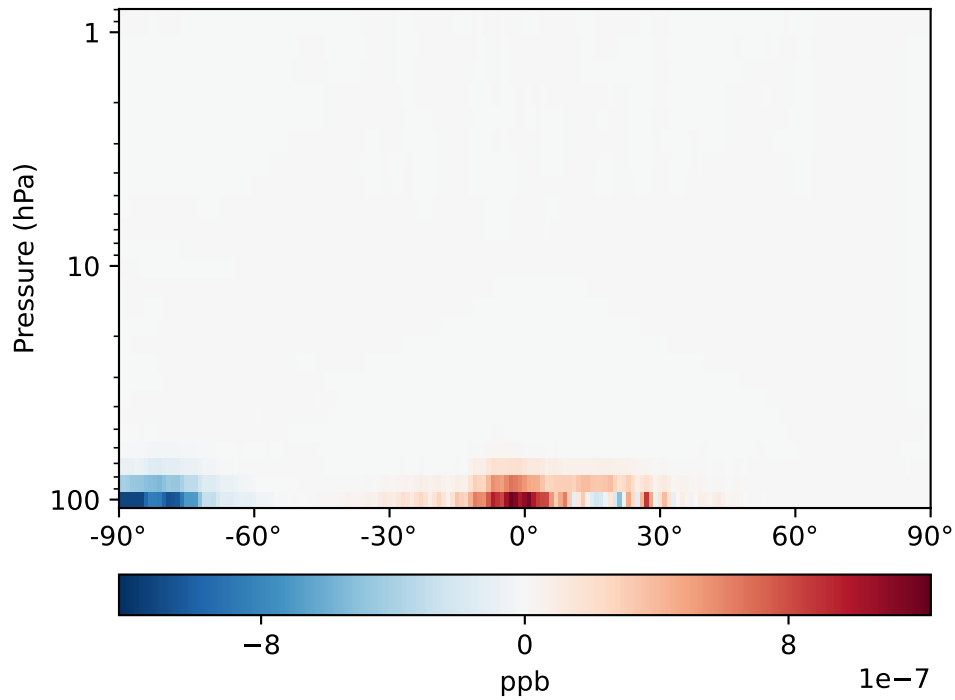
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



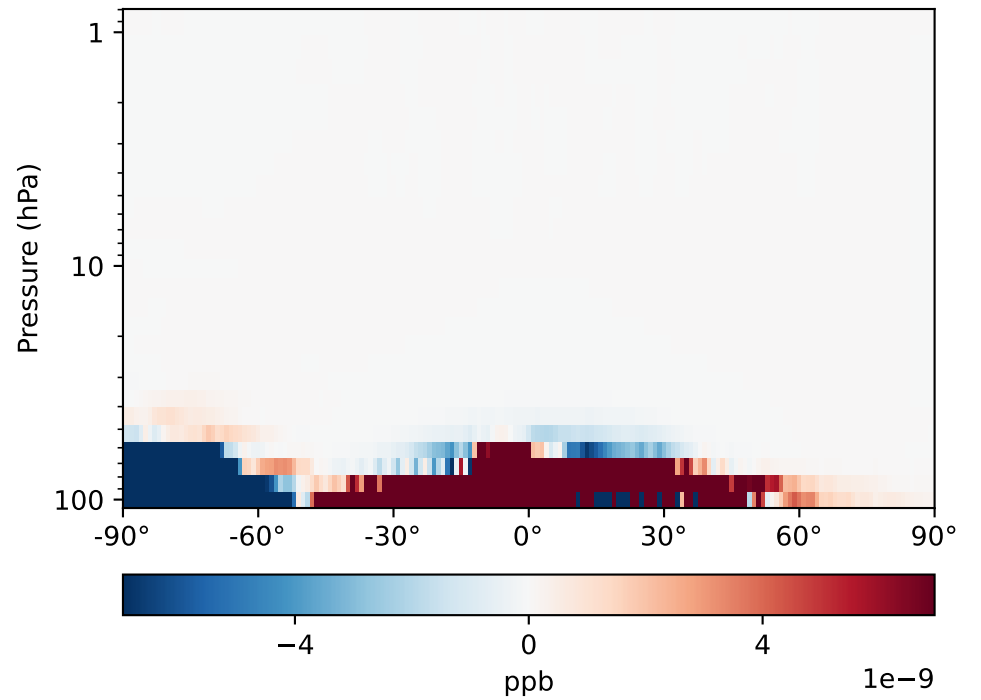
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



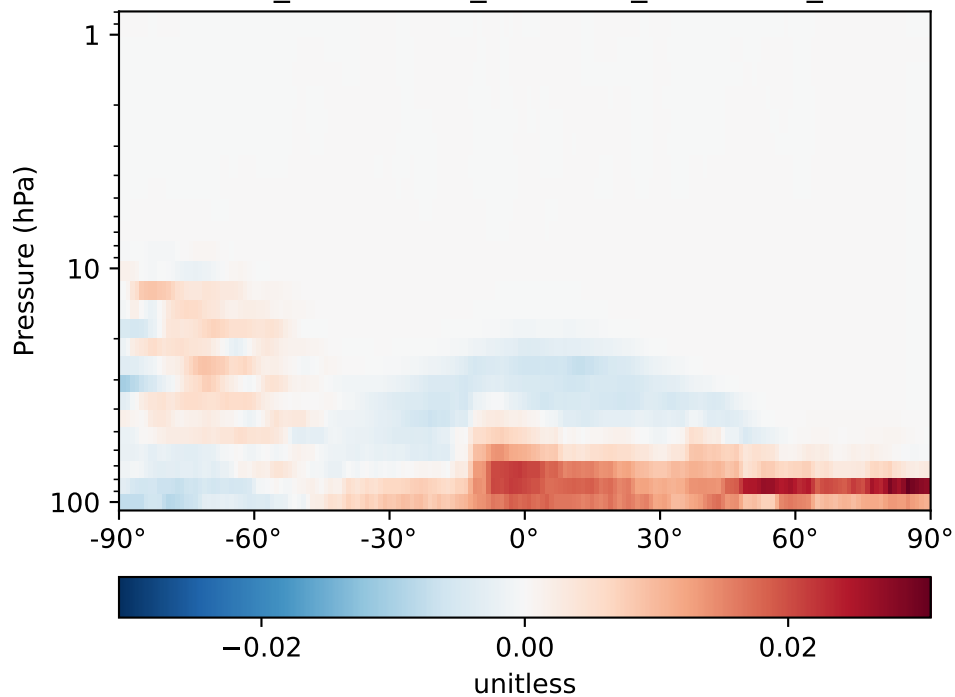
Difference (1x1.25)
Dev - Ref, Dynamic Range



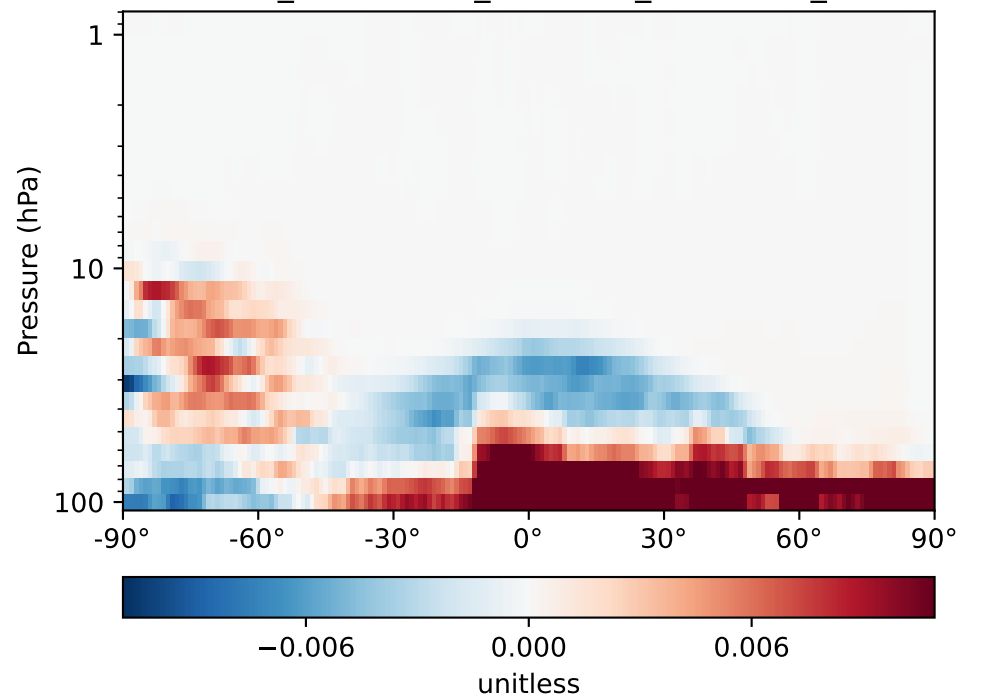
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

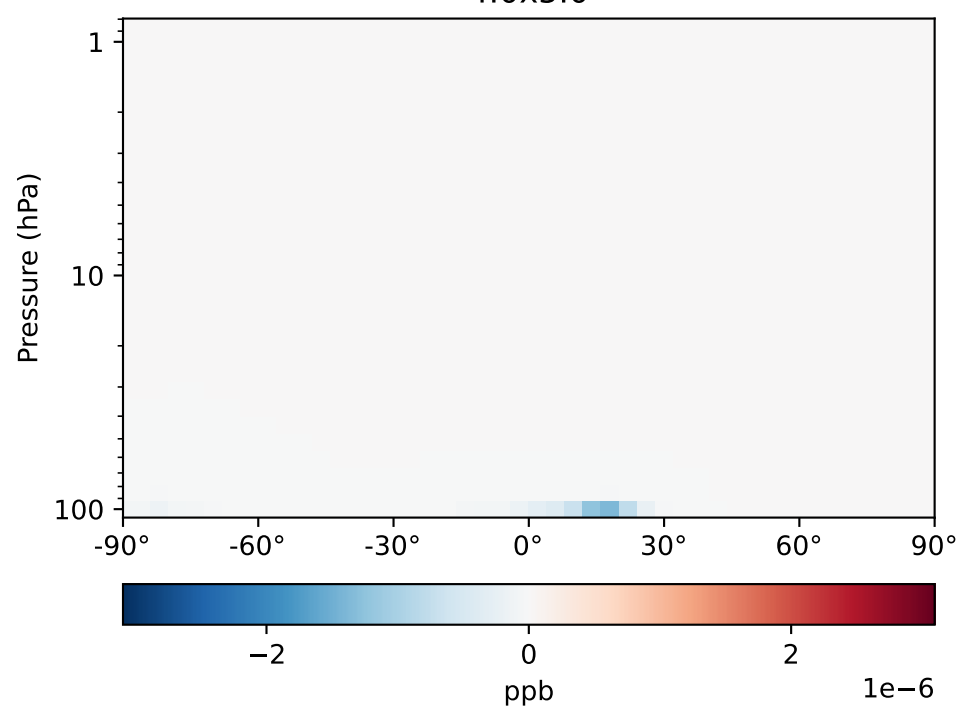


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

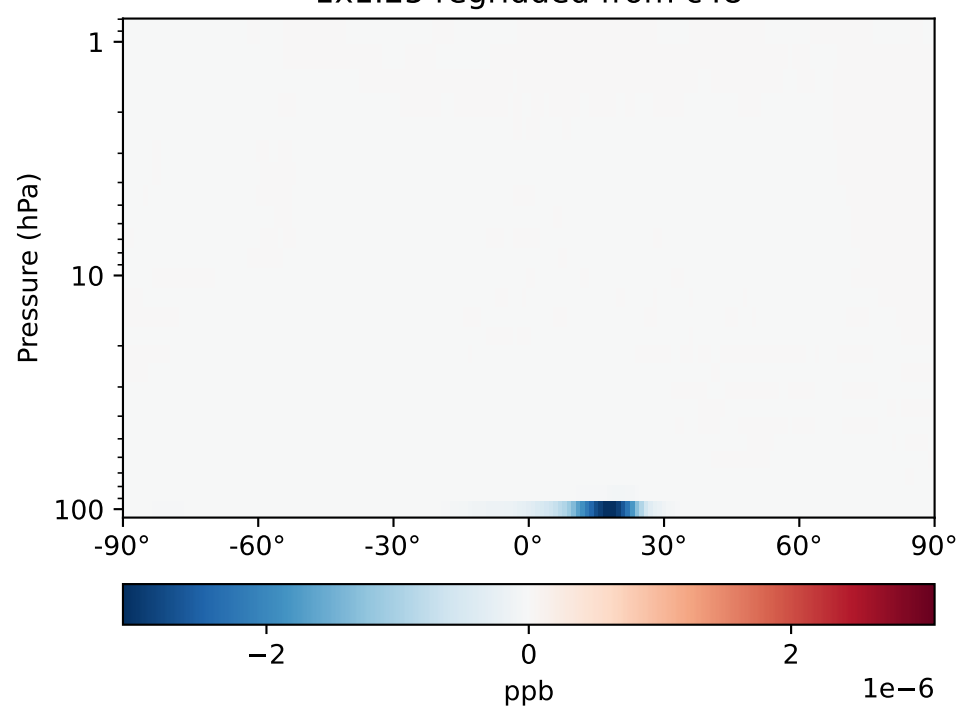


SpeciesConc_ETHP, Zonal Mean

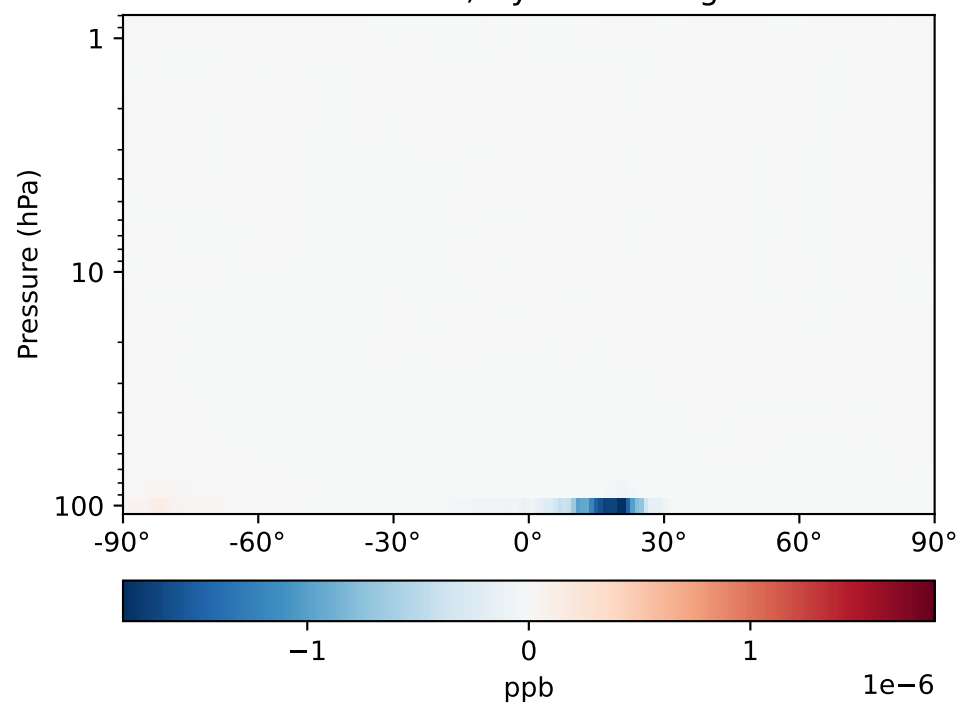
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



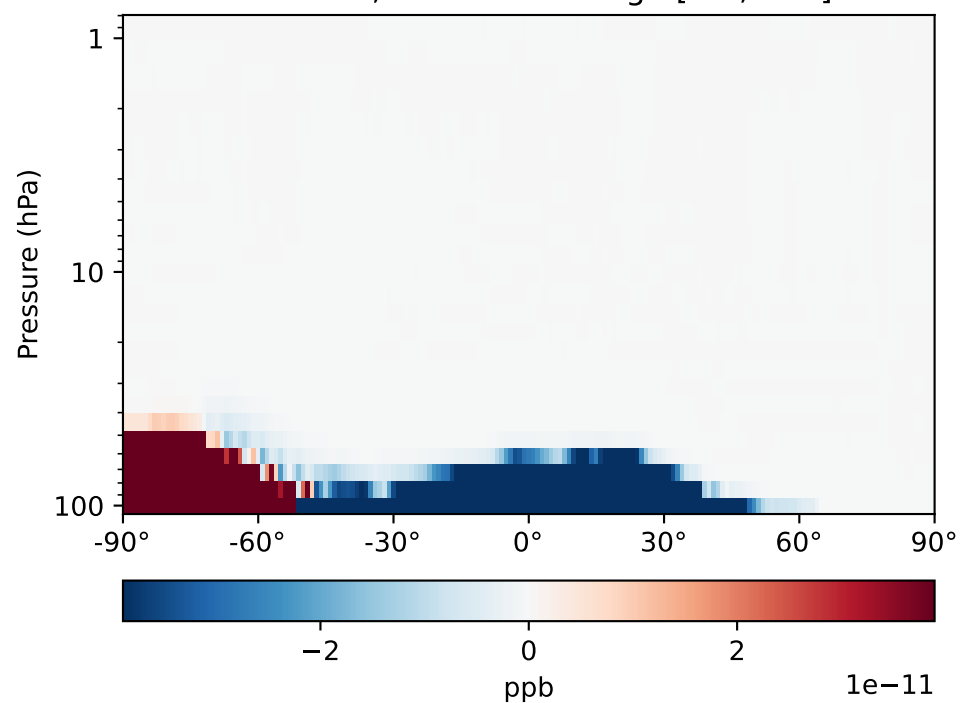
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



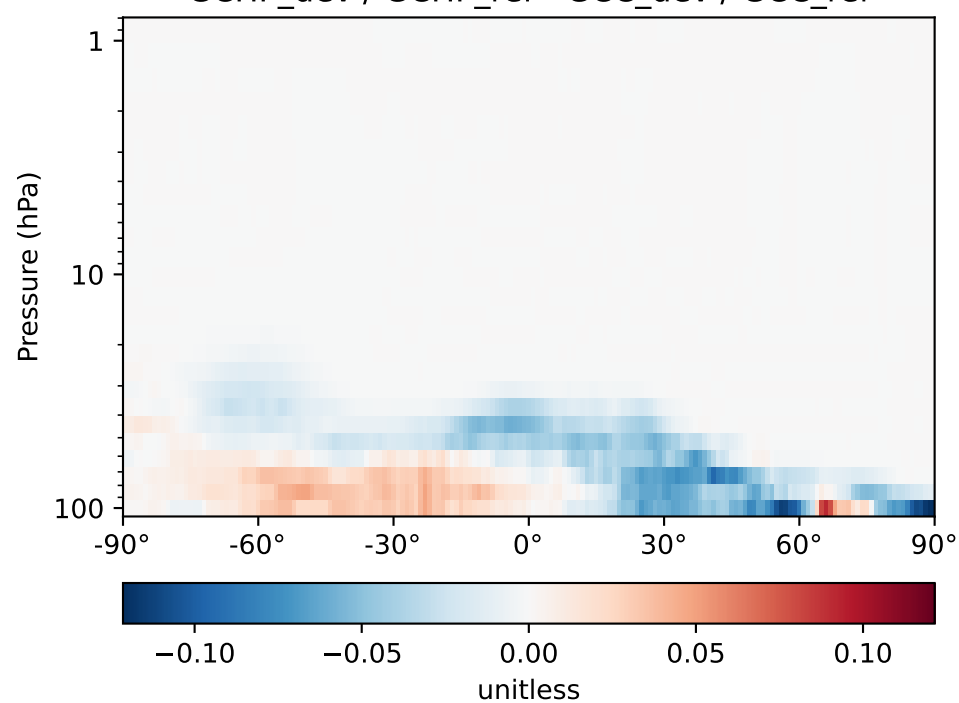
Difference (1x1.25)
Dev - Ref, Dynamic Range



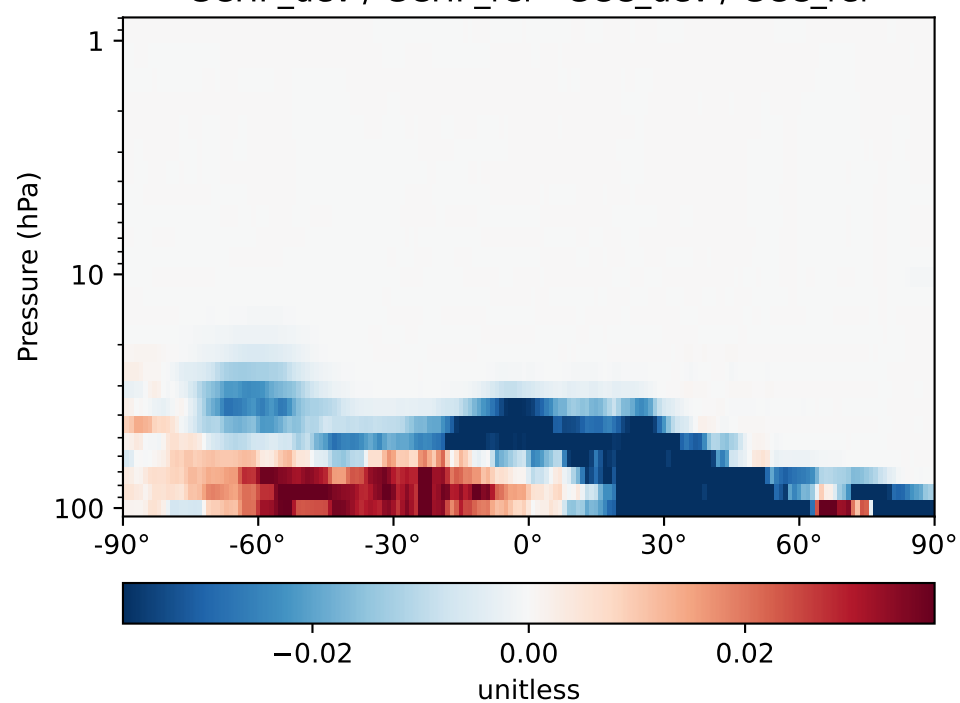
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

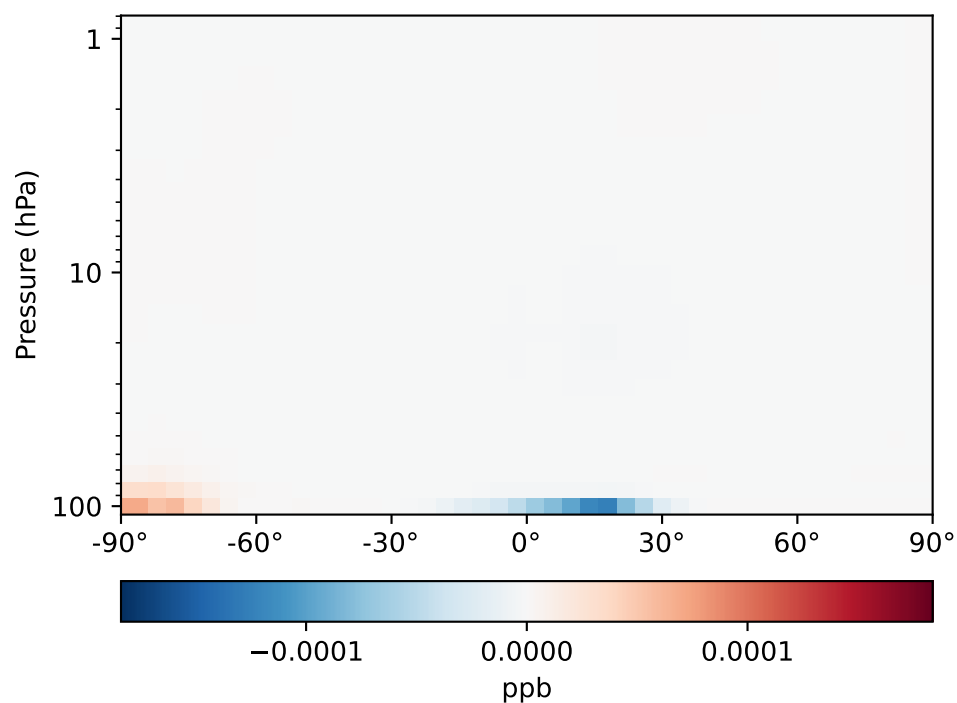


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

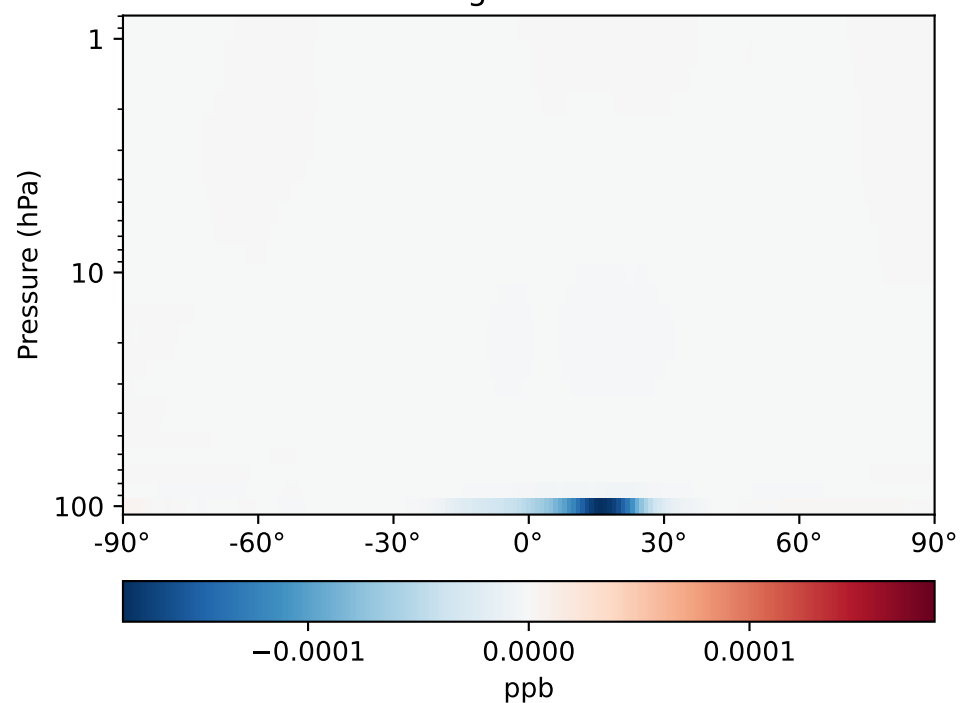


SpeciesConc_MP, Zonal Mean

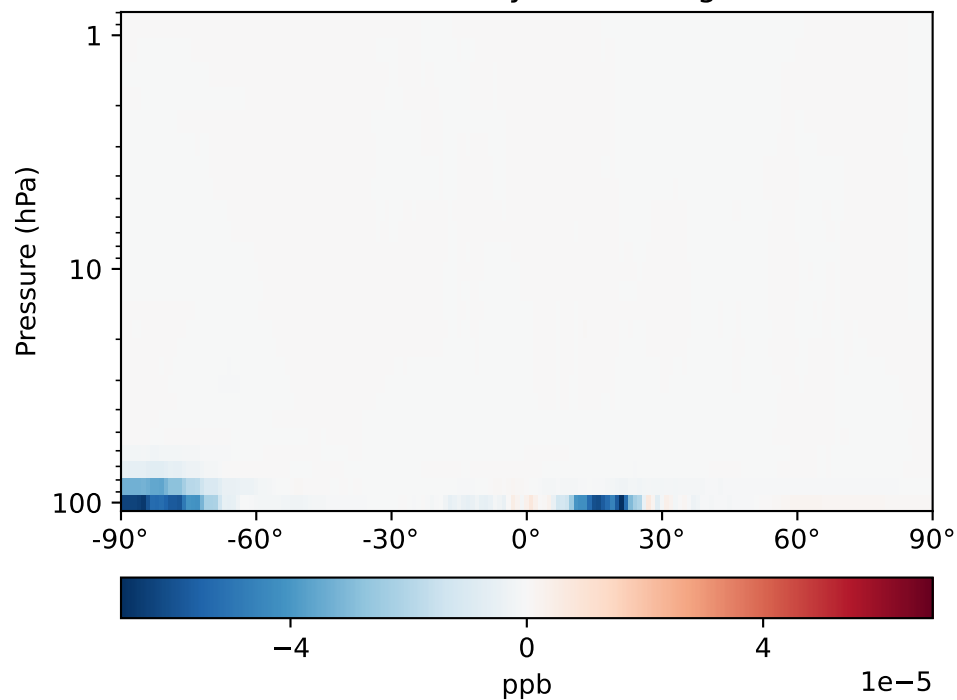
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



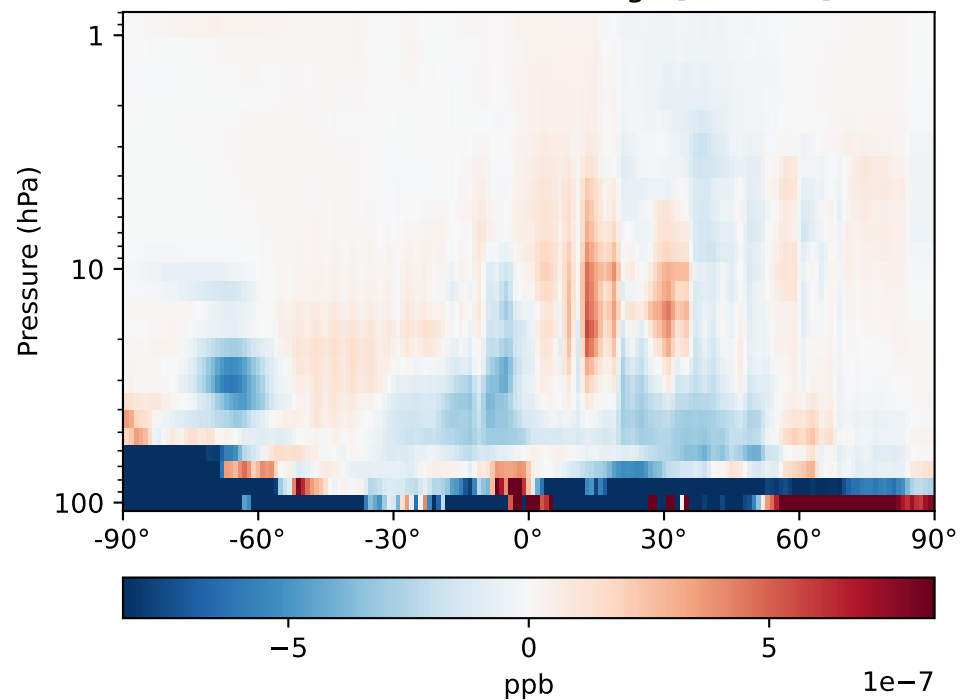
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
1x1.25 regrided from c48



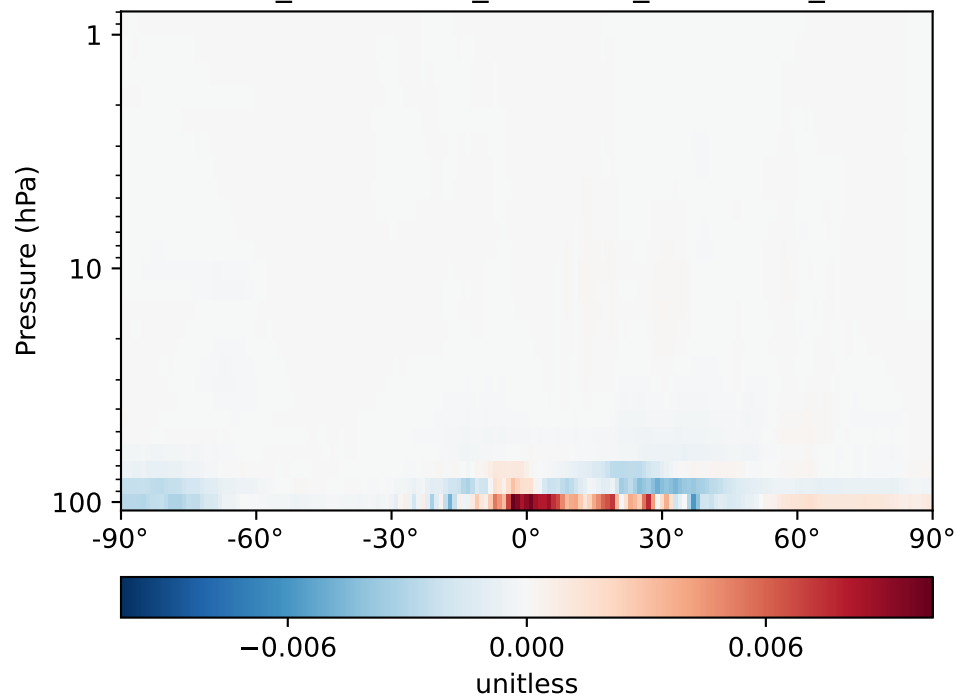
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

