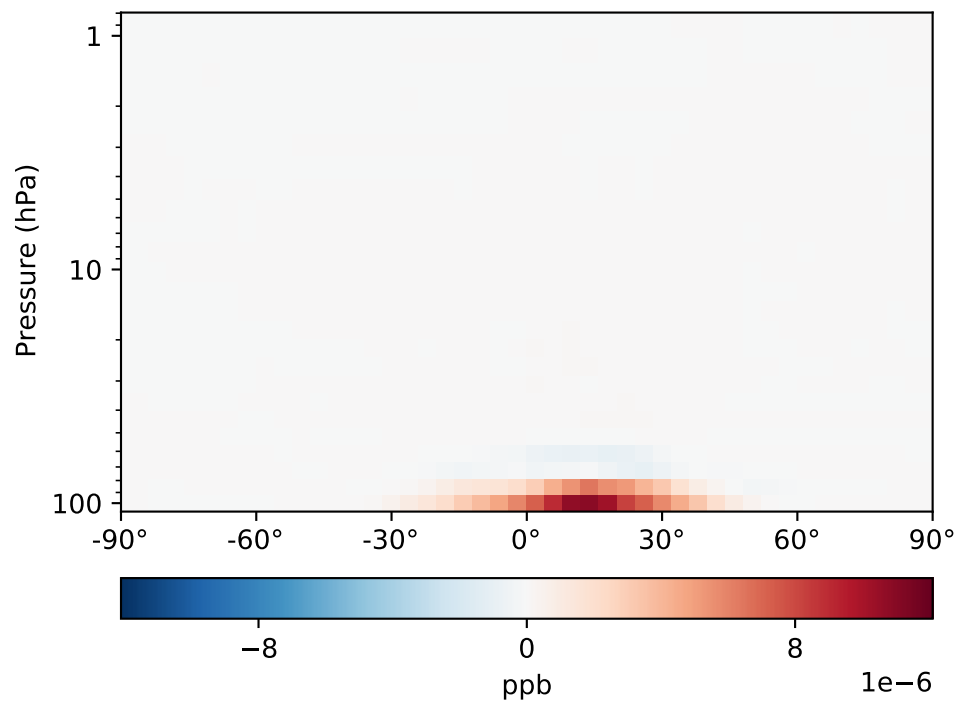
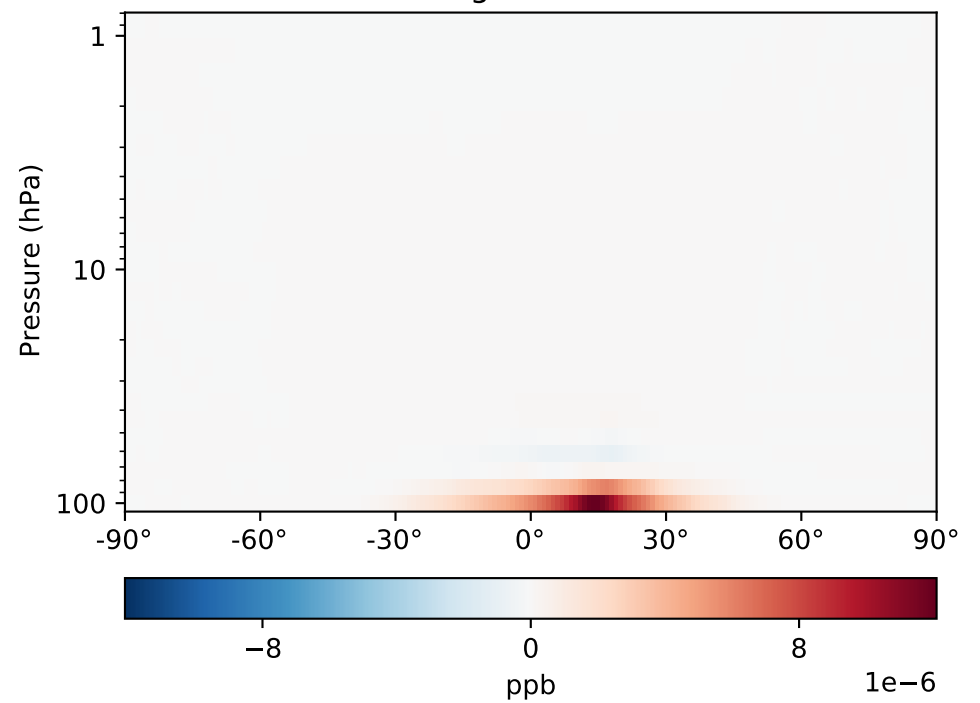


SpeciesConc_ly, Zonal Mean

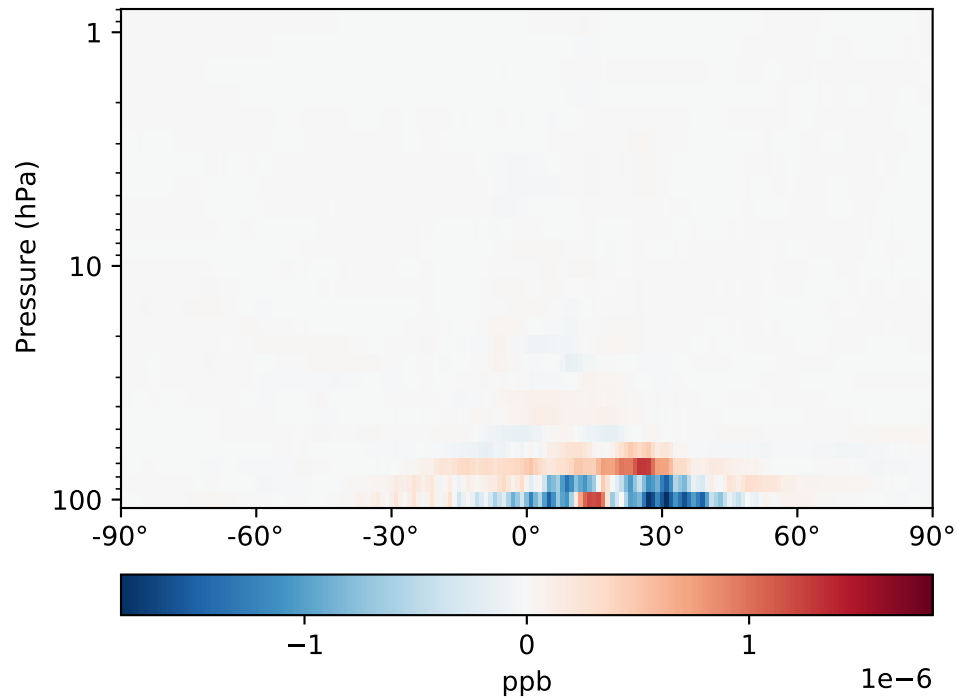
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



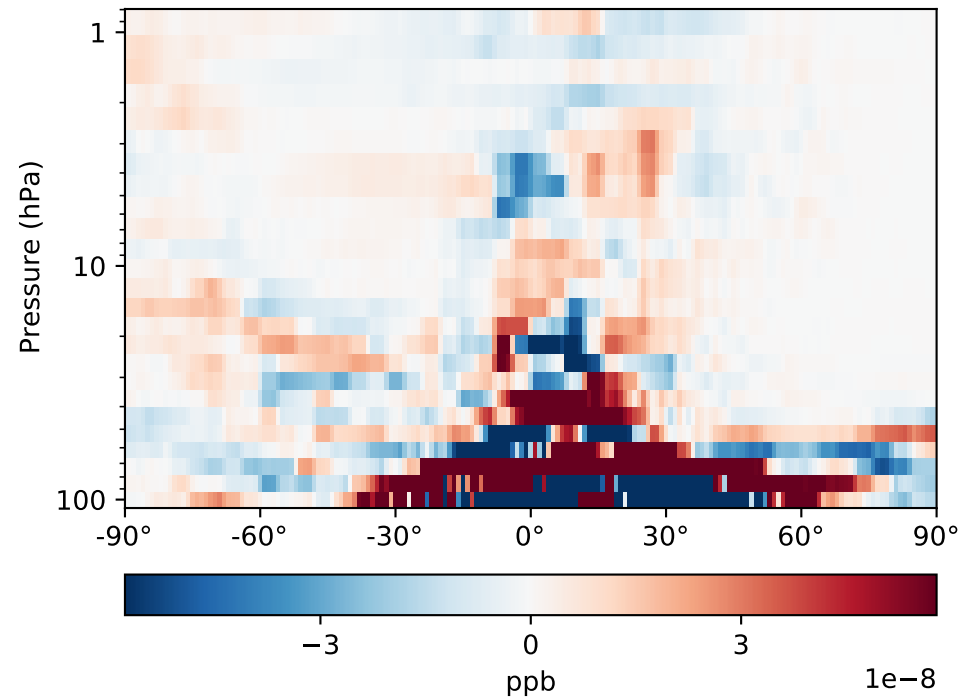
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



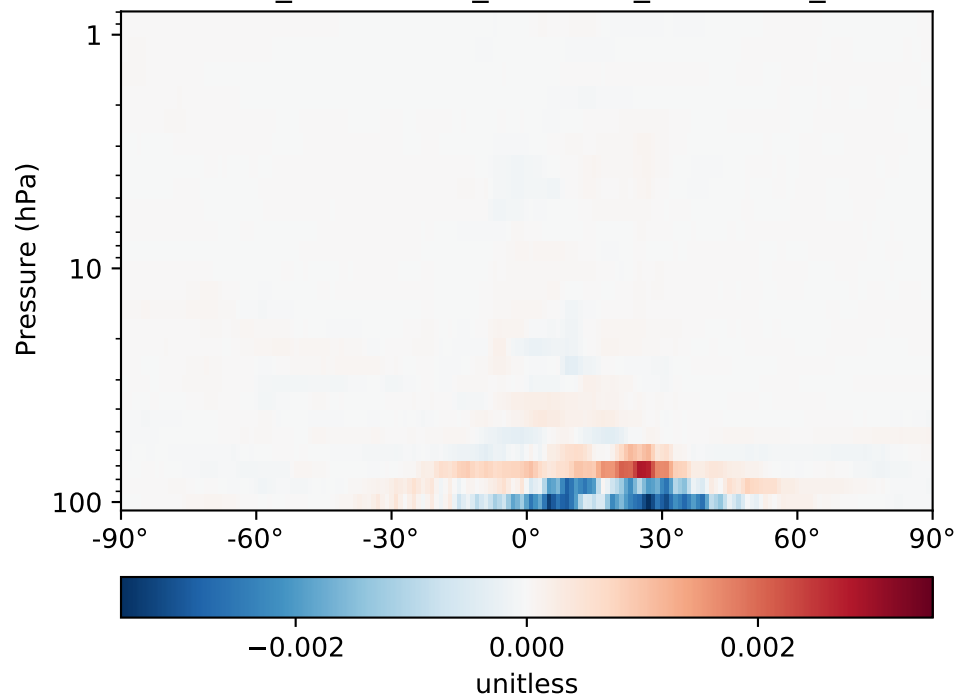
Difference (1x1.25)
Dev - Ref, Dynamic Range



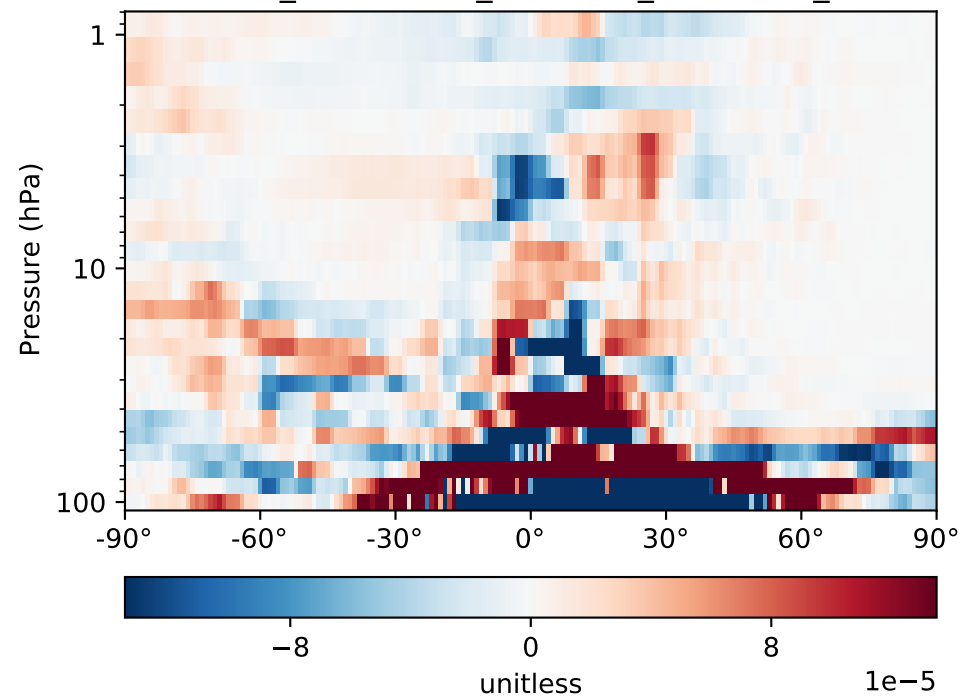
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



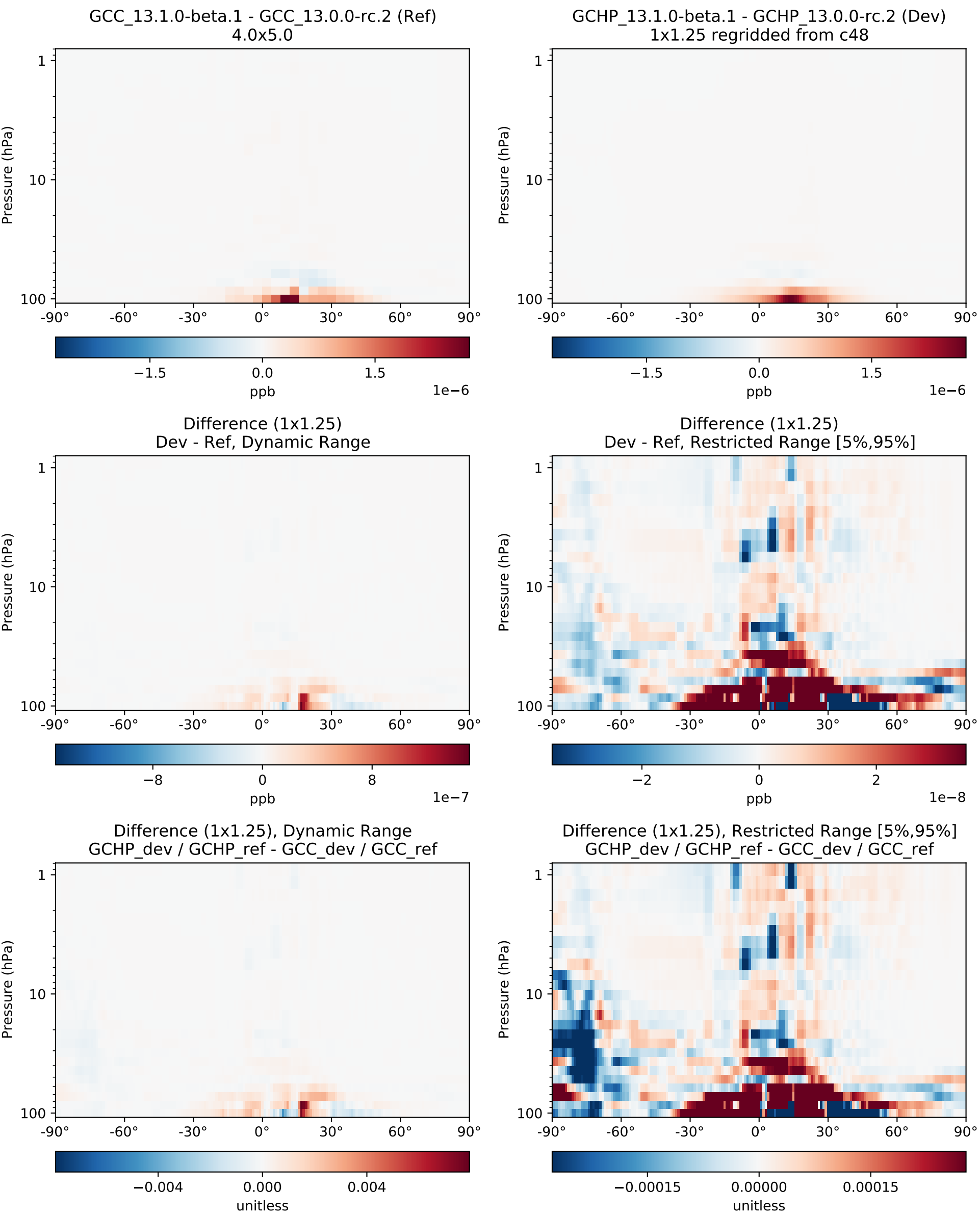
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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

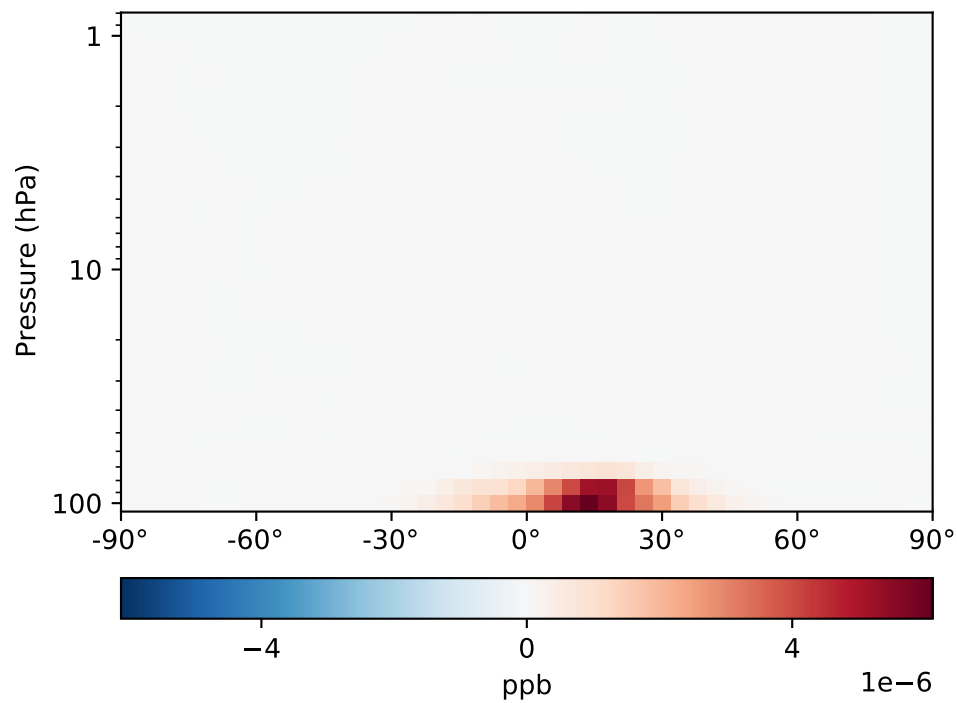


SpeciesConc_IxOy, Zonal Mean

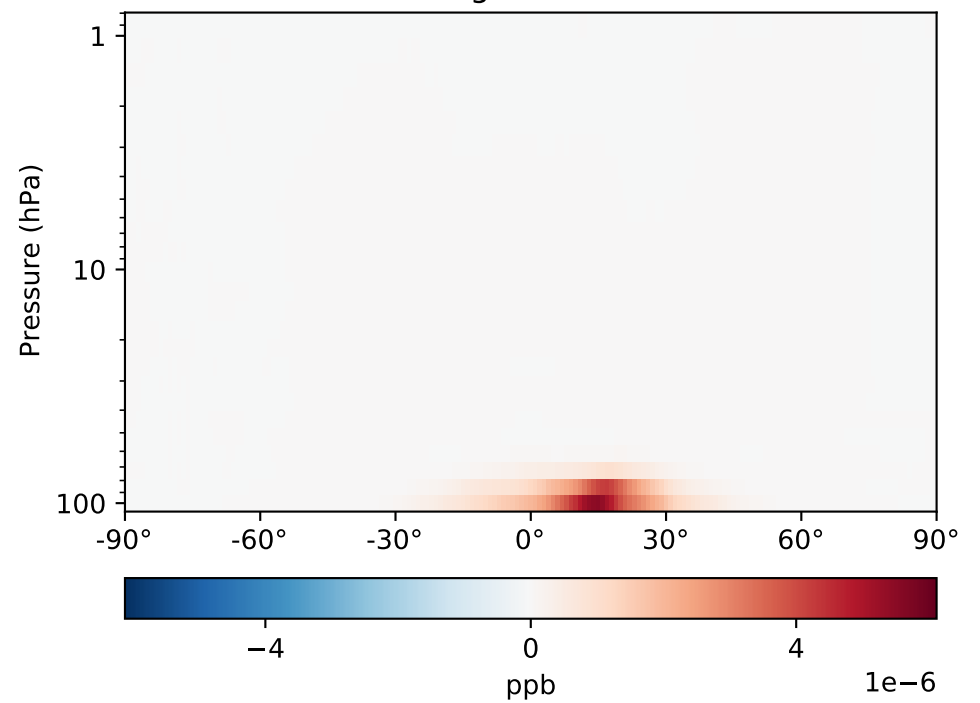


SpeciesConc_I, Zonal Mean

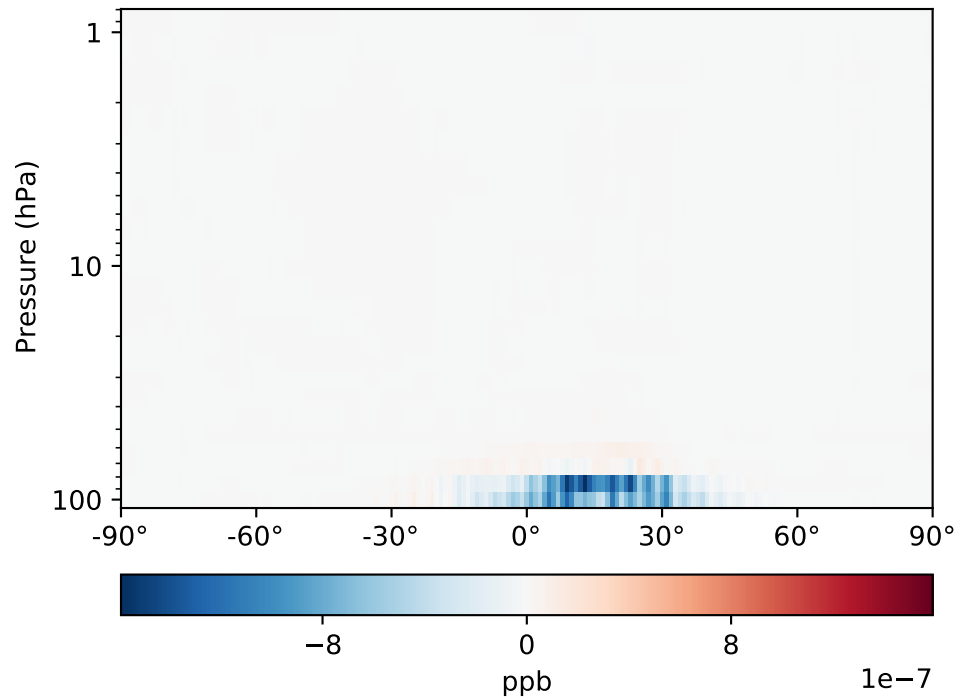
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



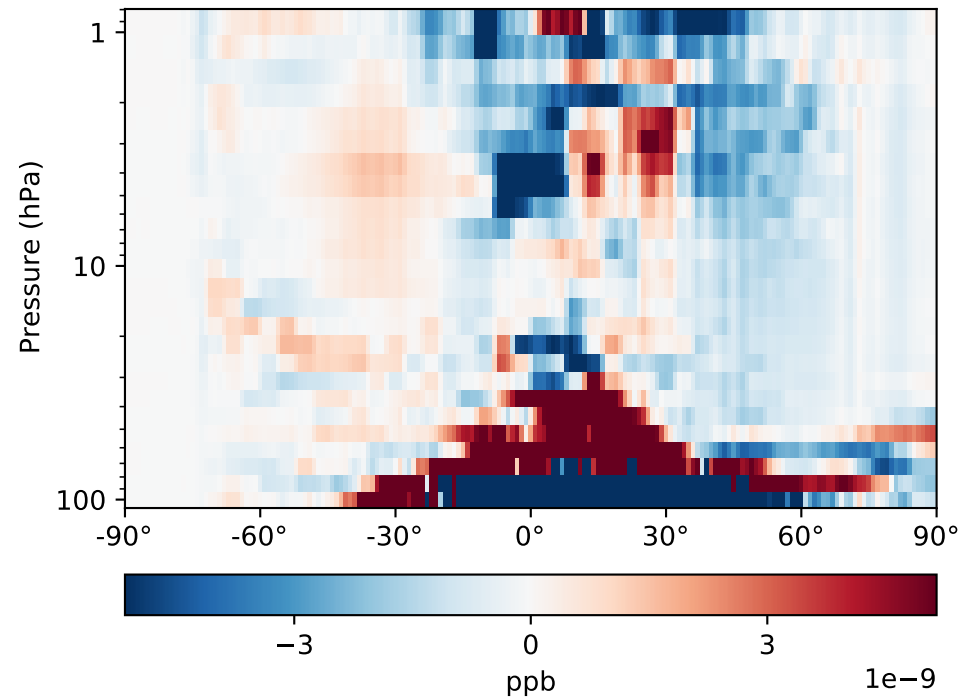
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



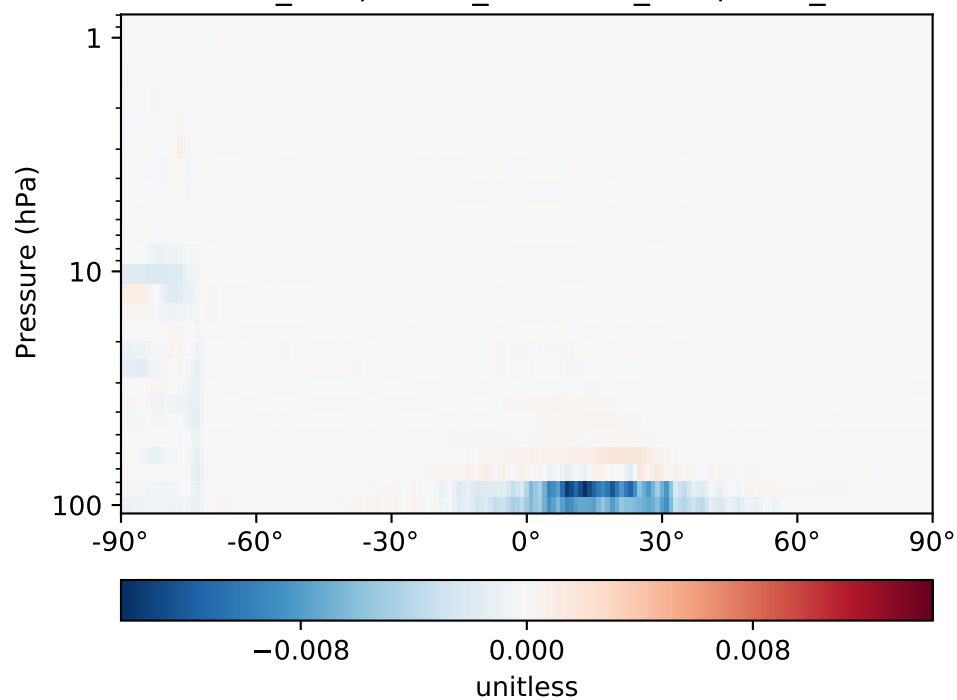
Difference (1x1.25)
Dev - Ref, Dynamic Range



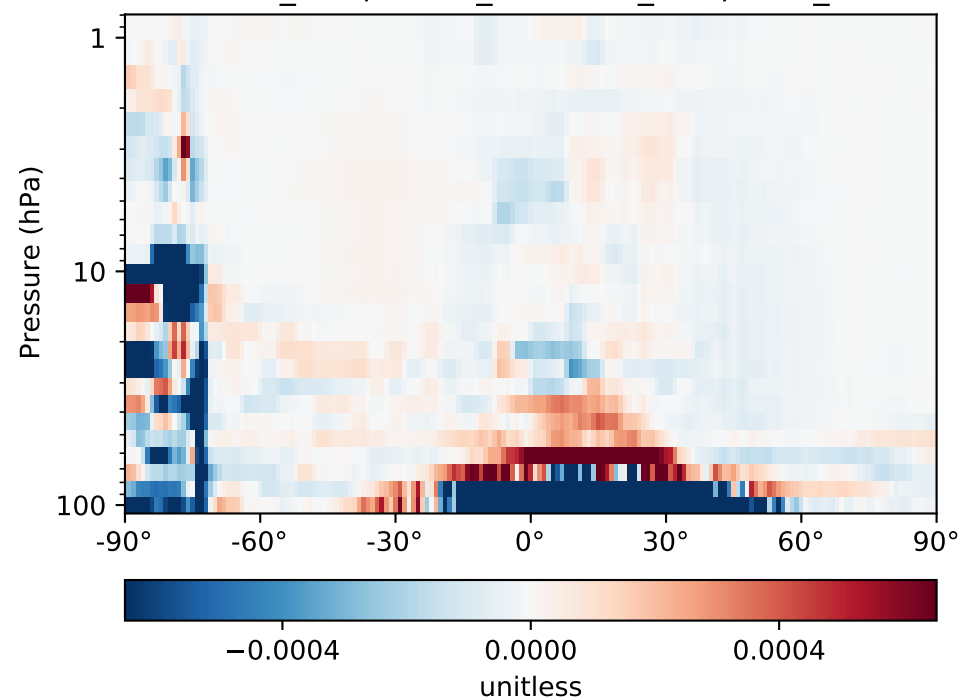
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

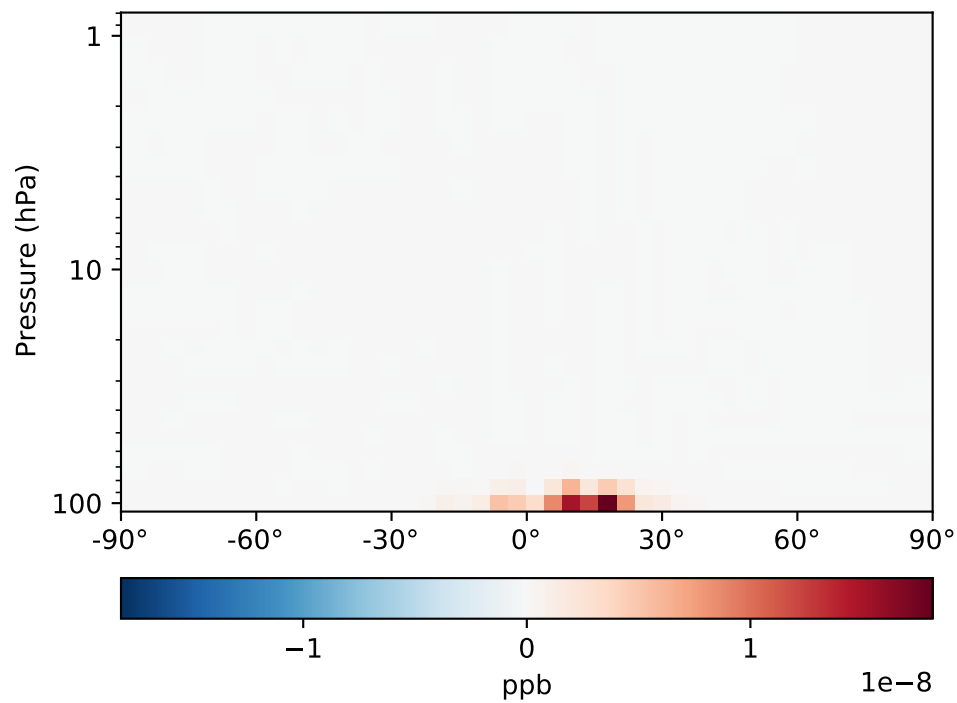


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

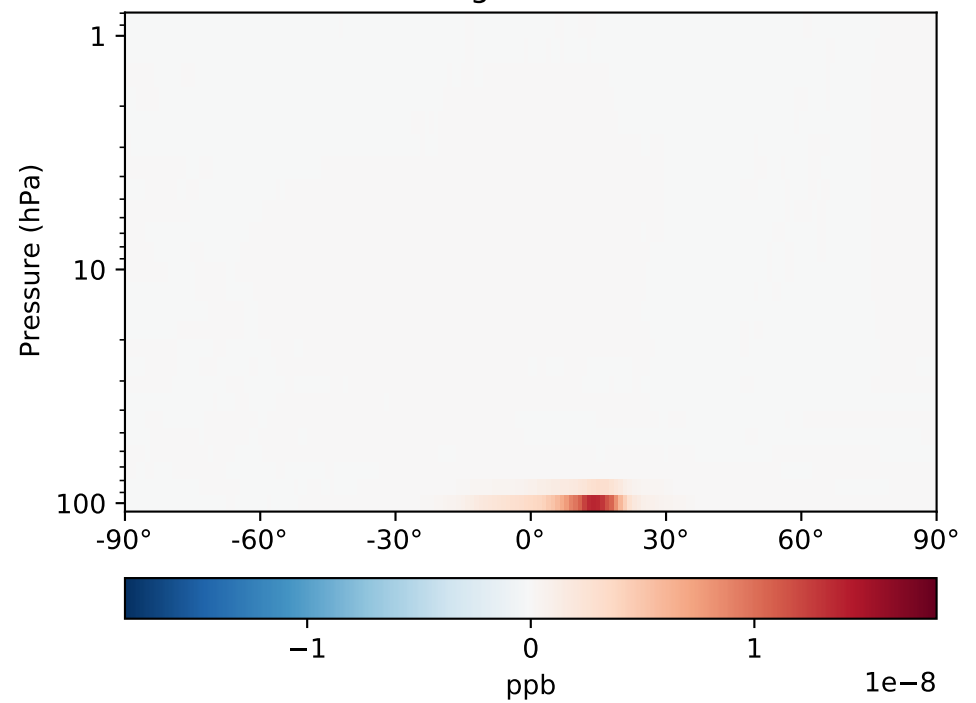


SpeciesConc_I2, Zonal Mean

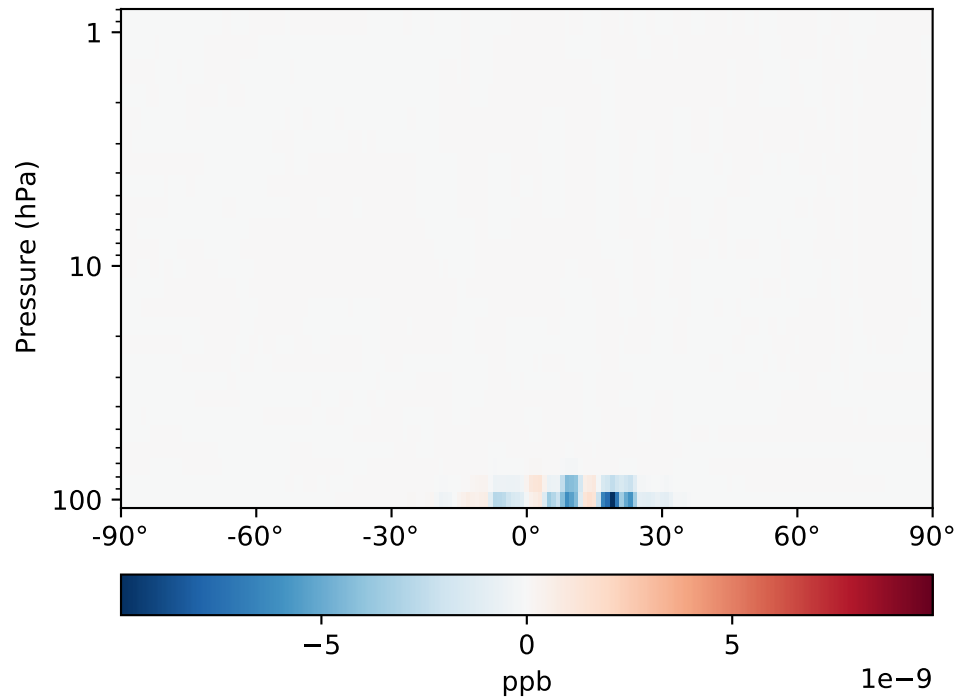
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



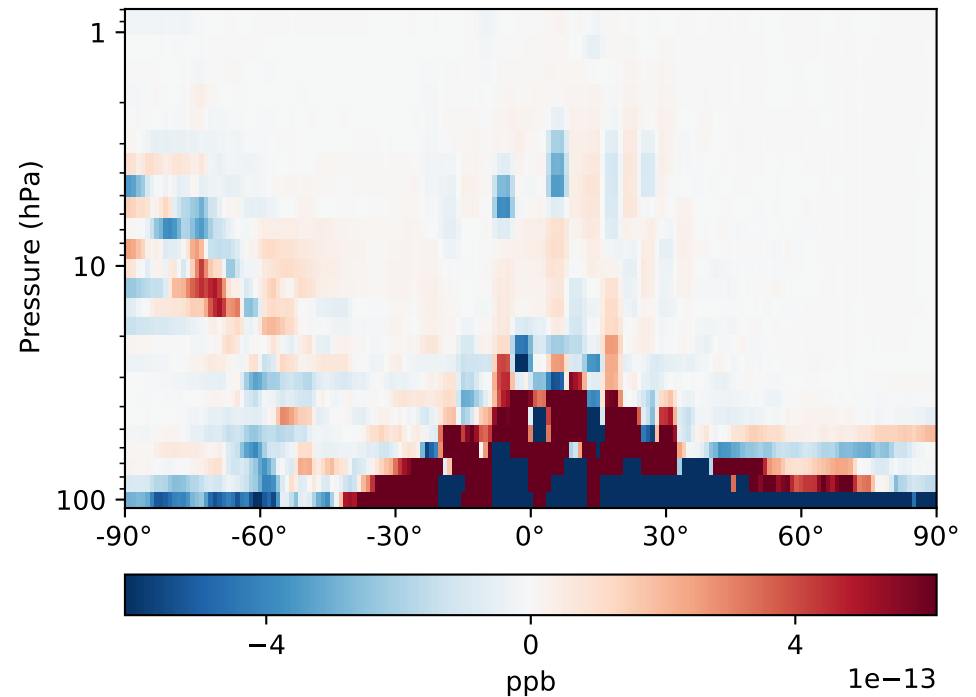
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



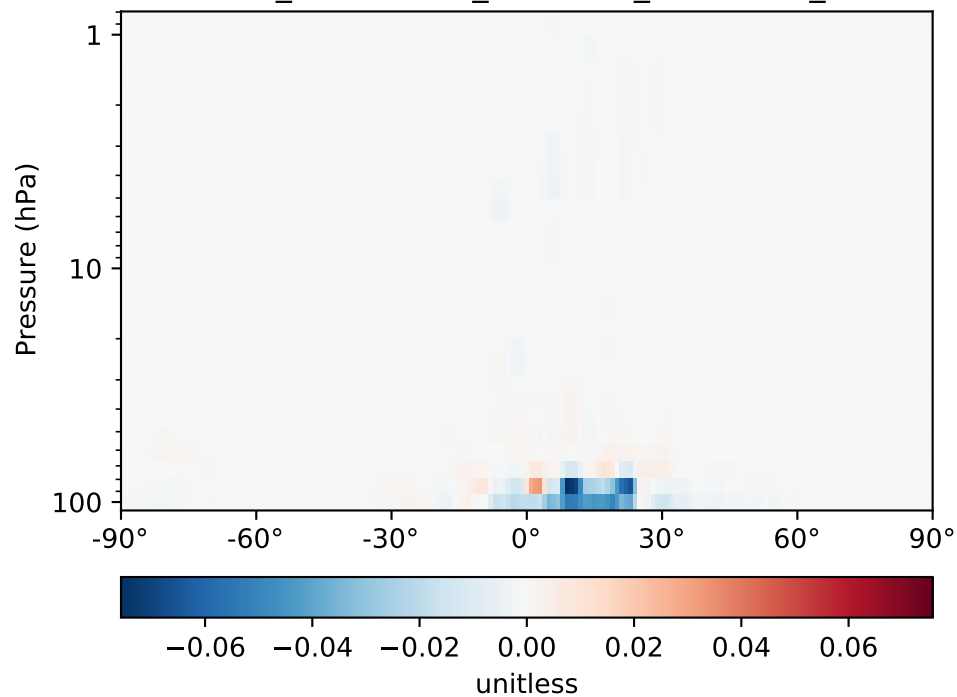
Difference (1x1.25)
Dev - Ref, Dynamic Range



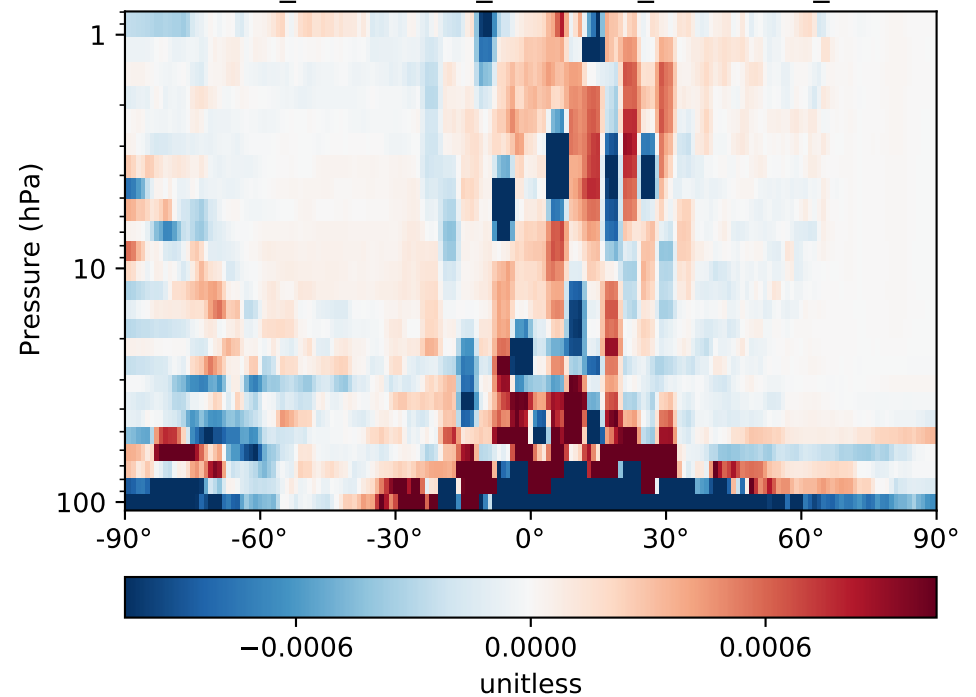
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

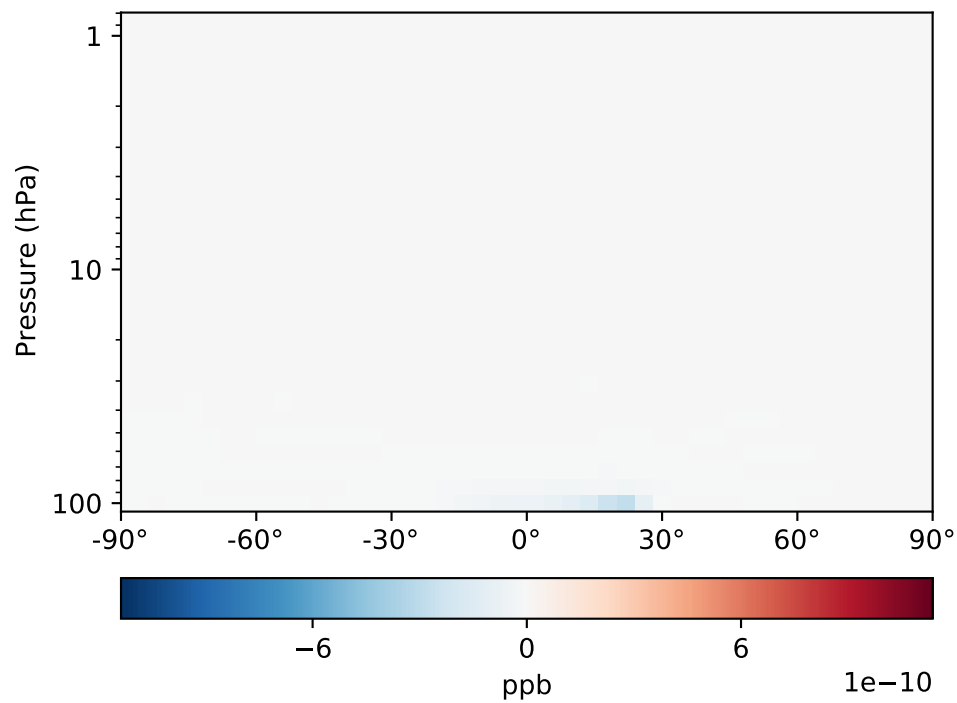


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

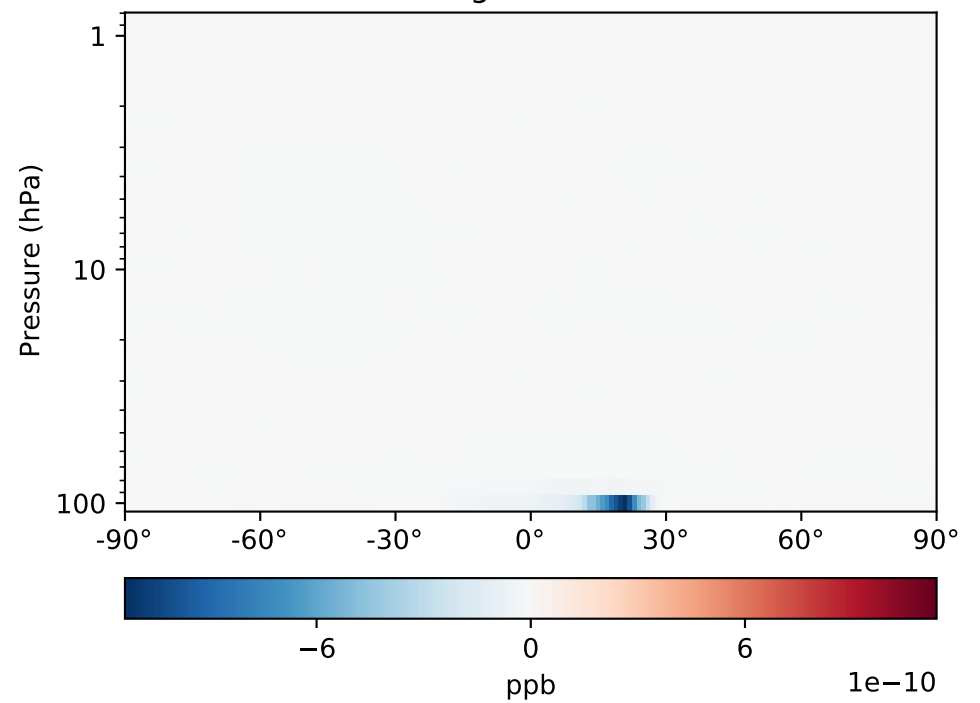


SpeciesConc_IBr, Zonal Mean

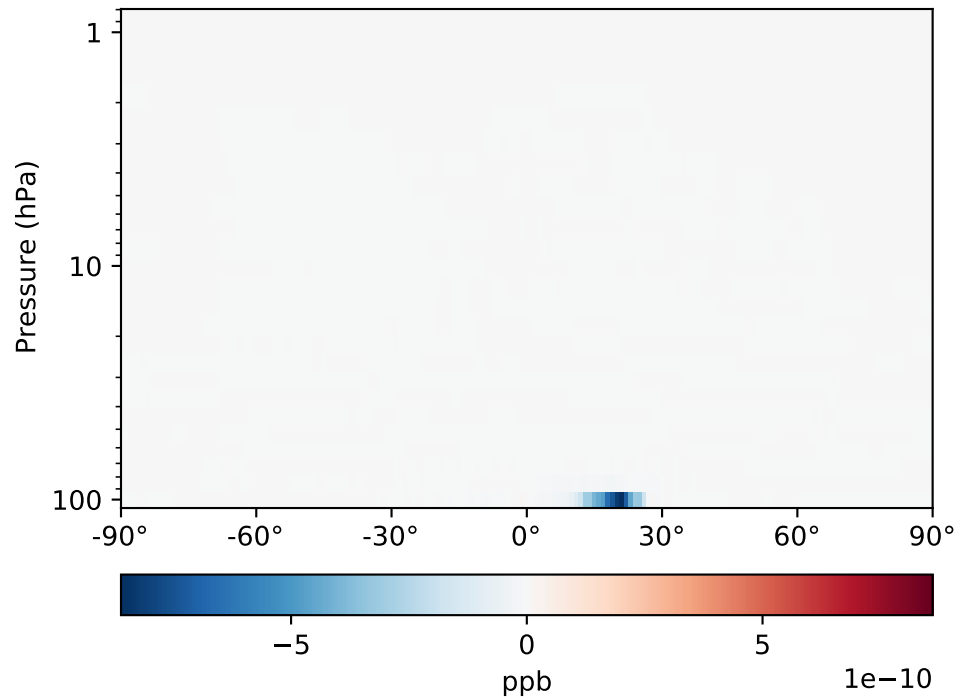
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



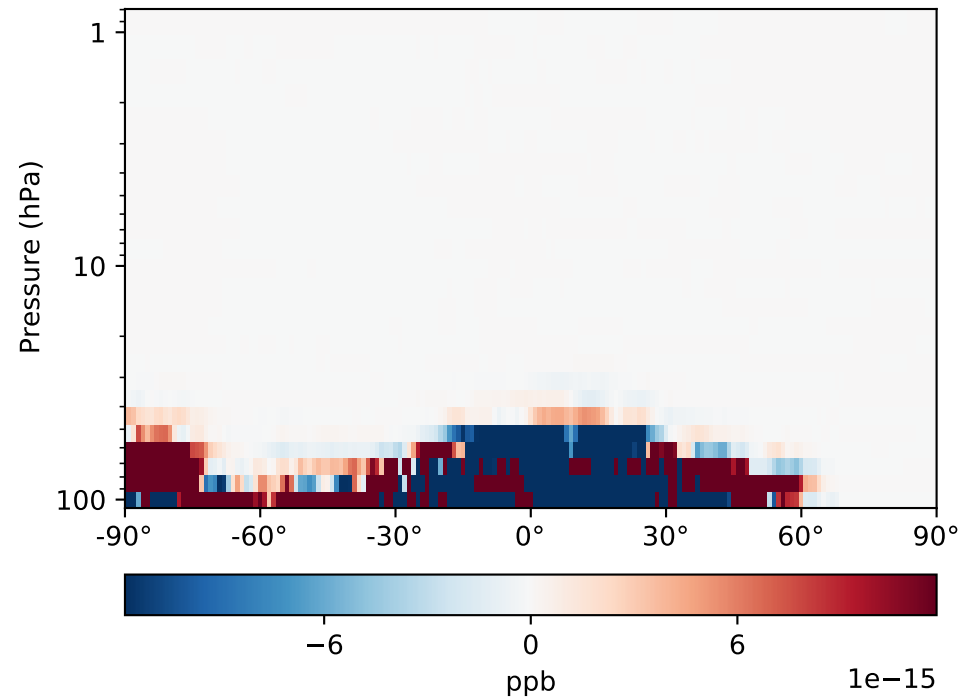
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



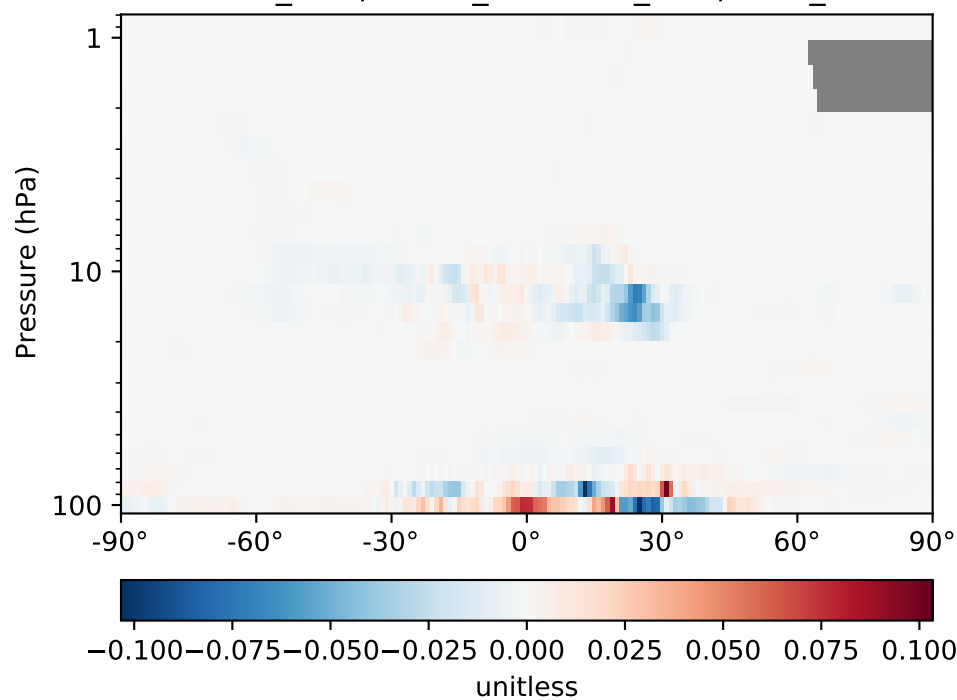
Difference (1x1.25)
Dev - Ref, Dynamic Range



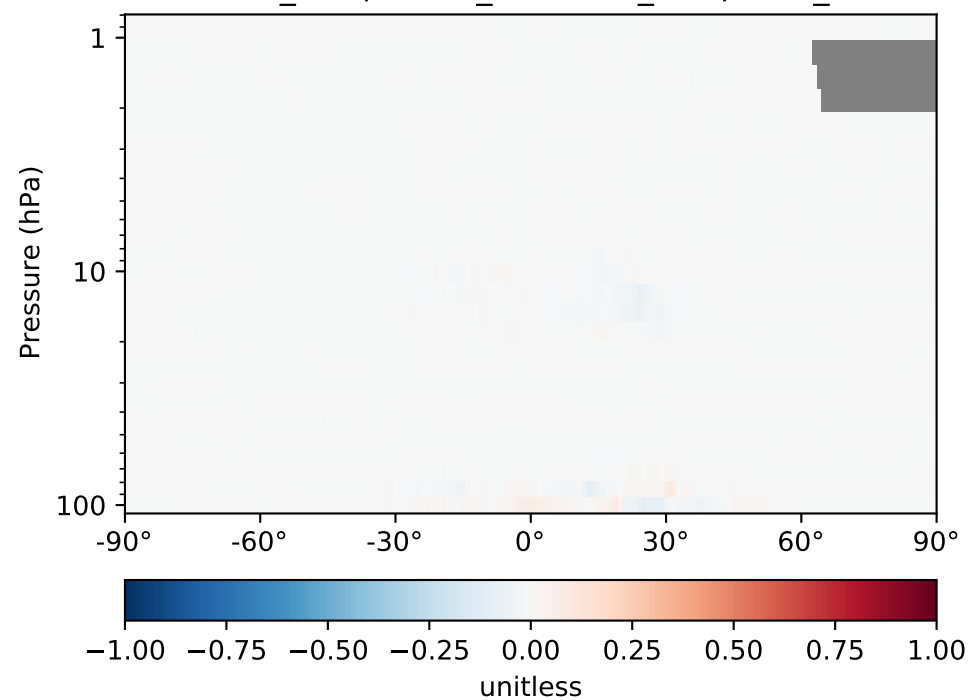
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

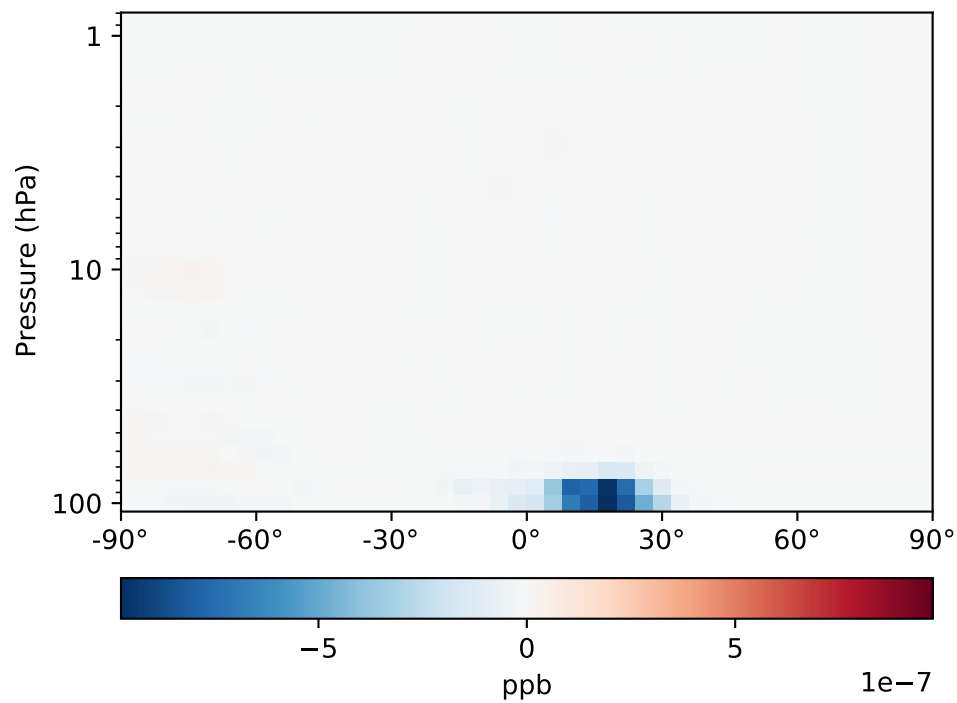


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

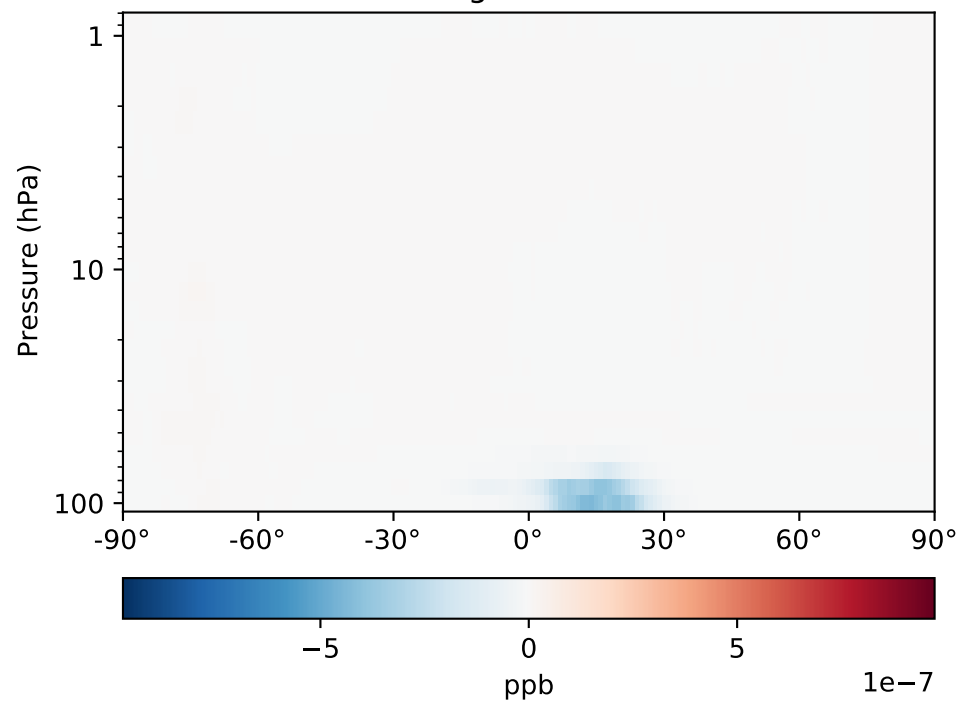


SpeciesConc_ICI, Zonal Mean

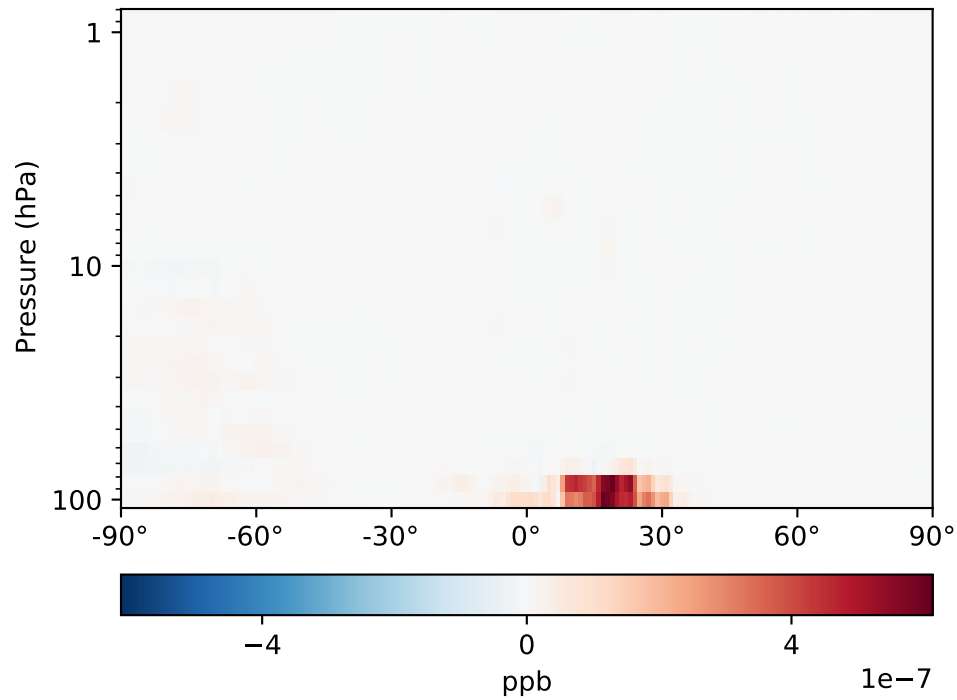
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



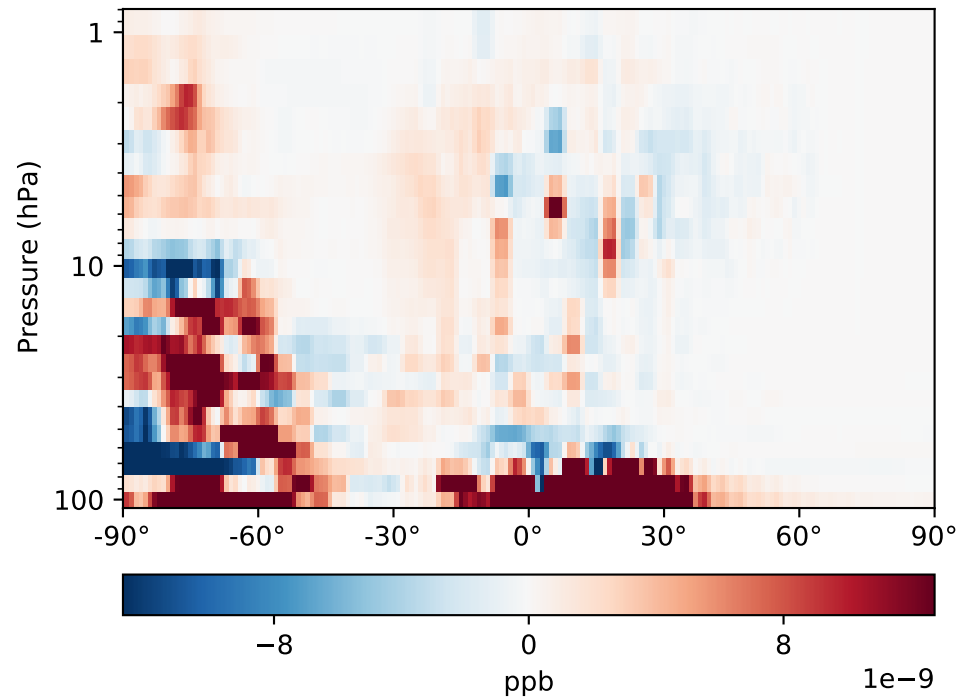
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



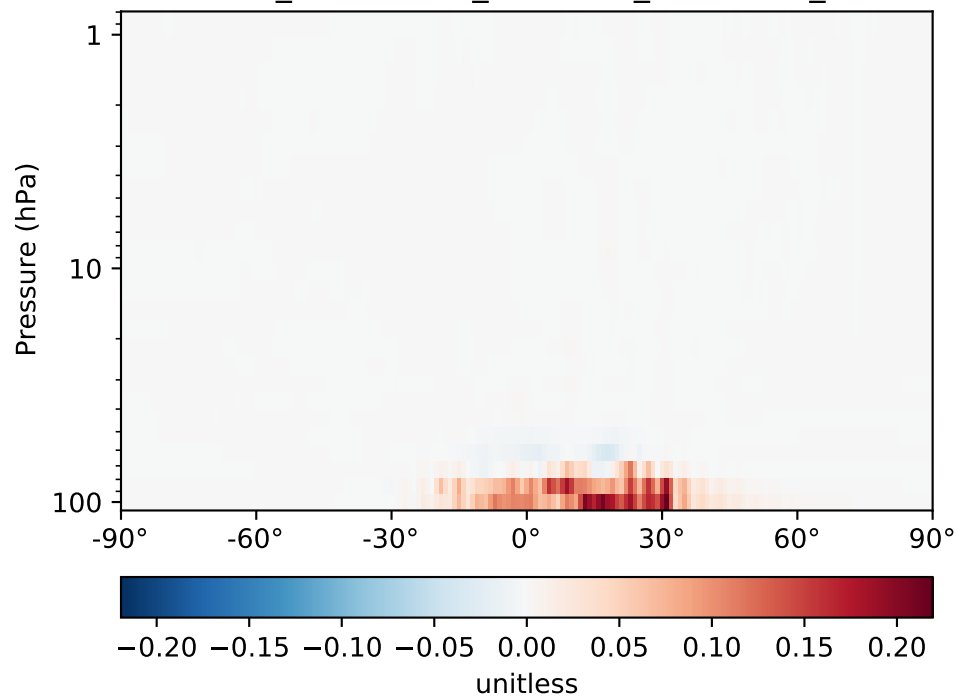
Difference (1x1.25)
Dev - Ref, Dynamic Range



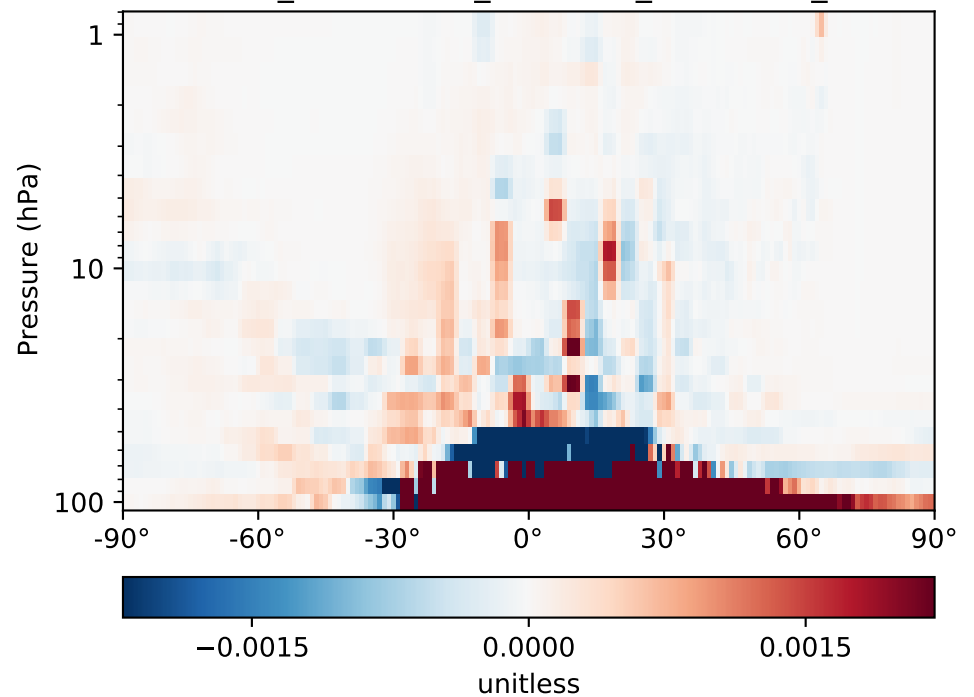
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

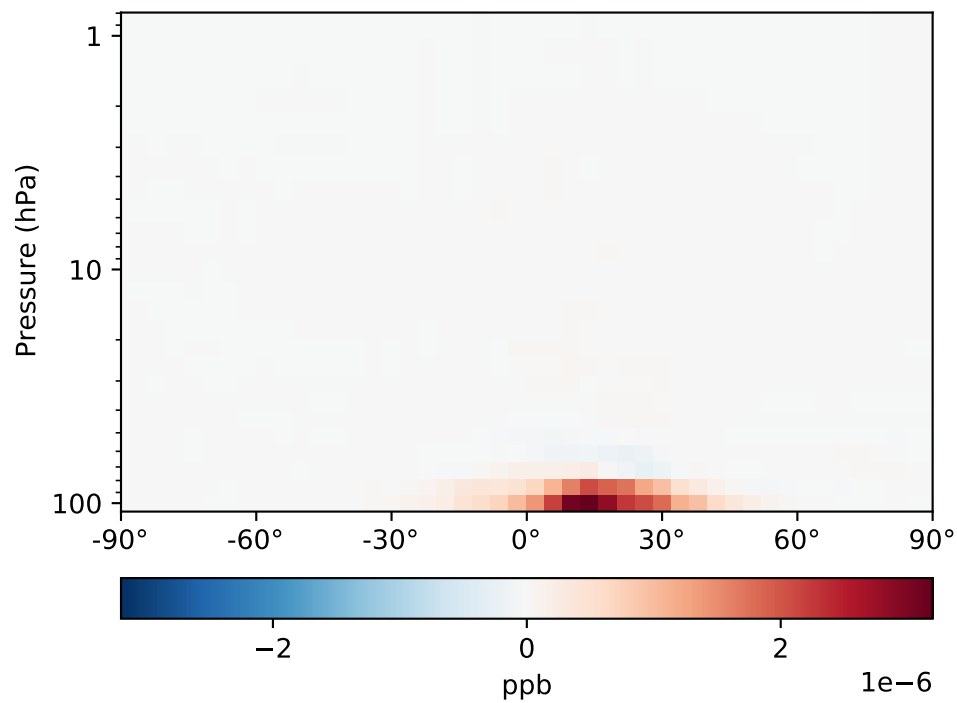


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

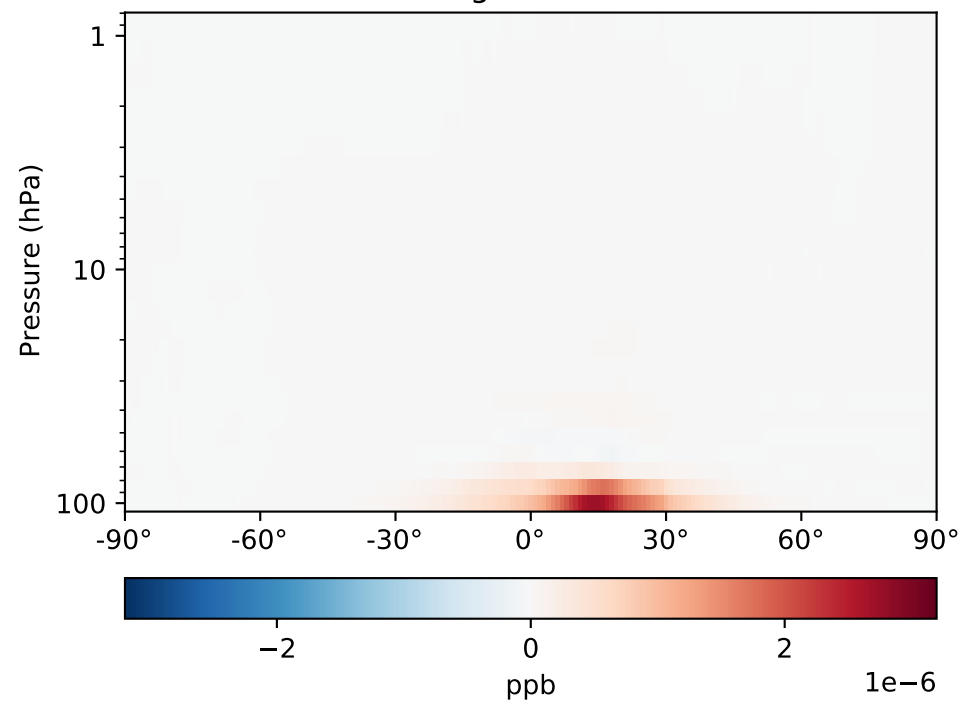


SpeciesConc_IO, Zonal Mean

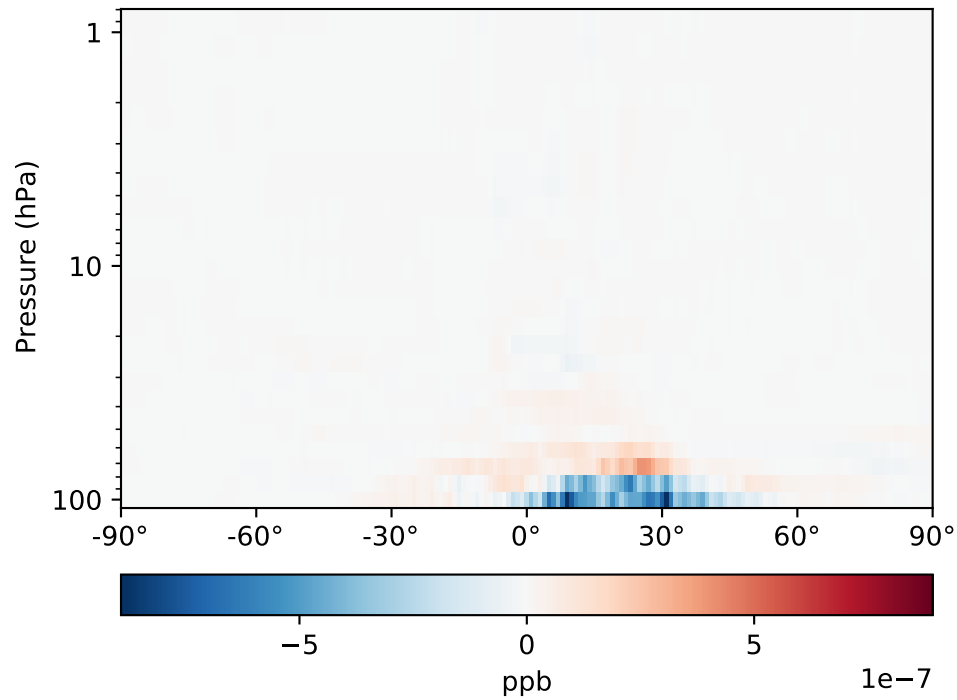
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



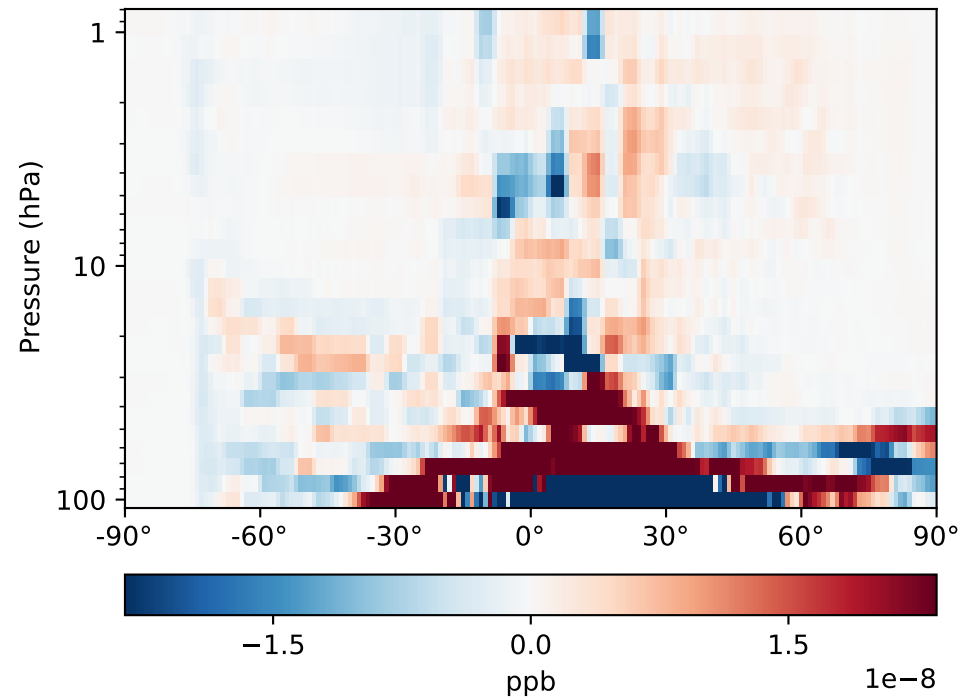
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



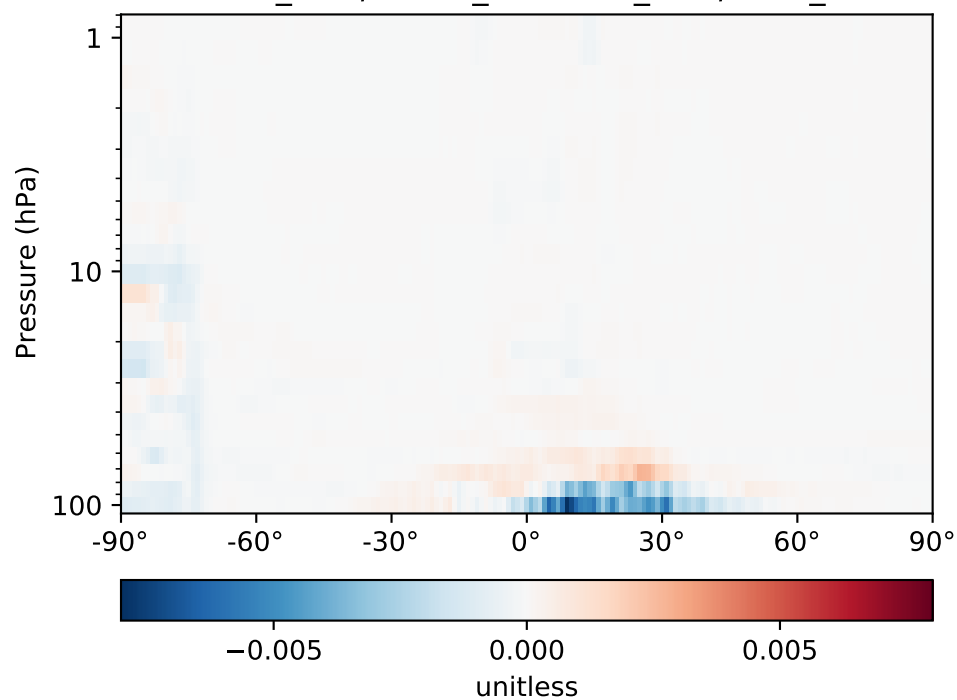
Difference (1x1.25)
Dev - Ref, Dynamic Range



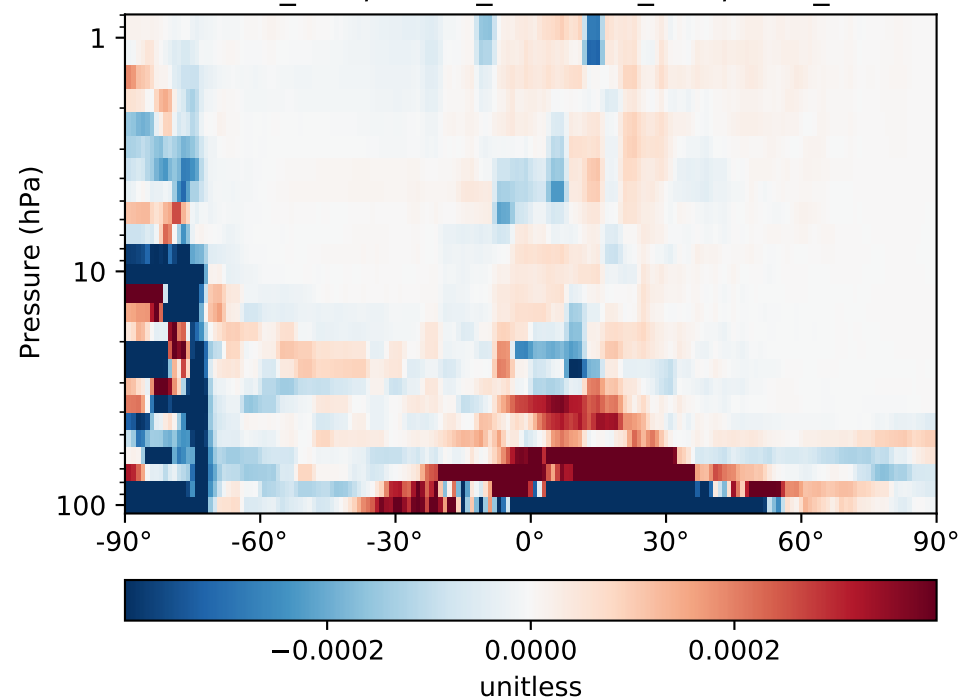
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

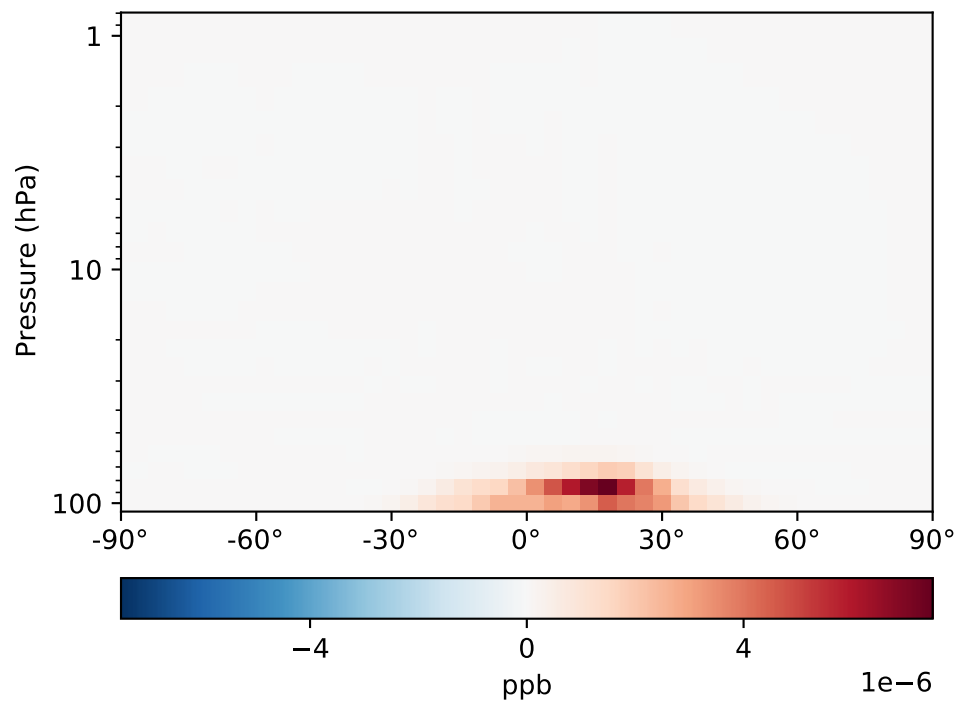


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

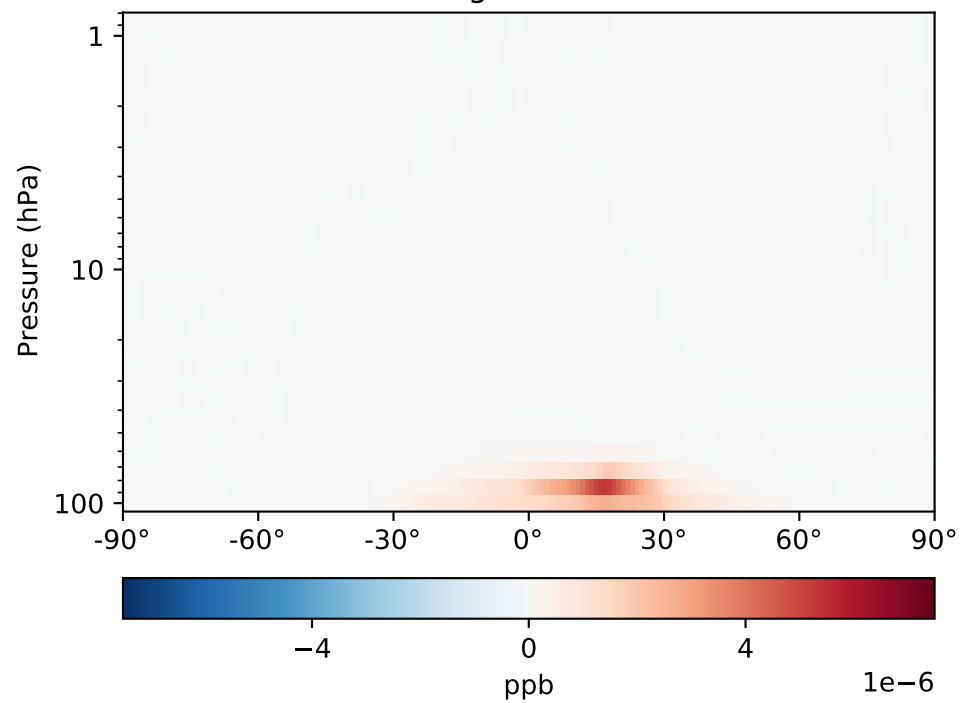


SpeciesConc_IONO, Zonal Mean

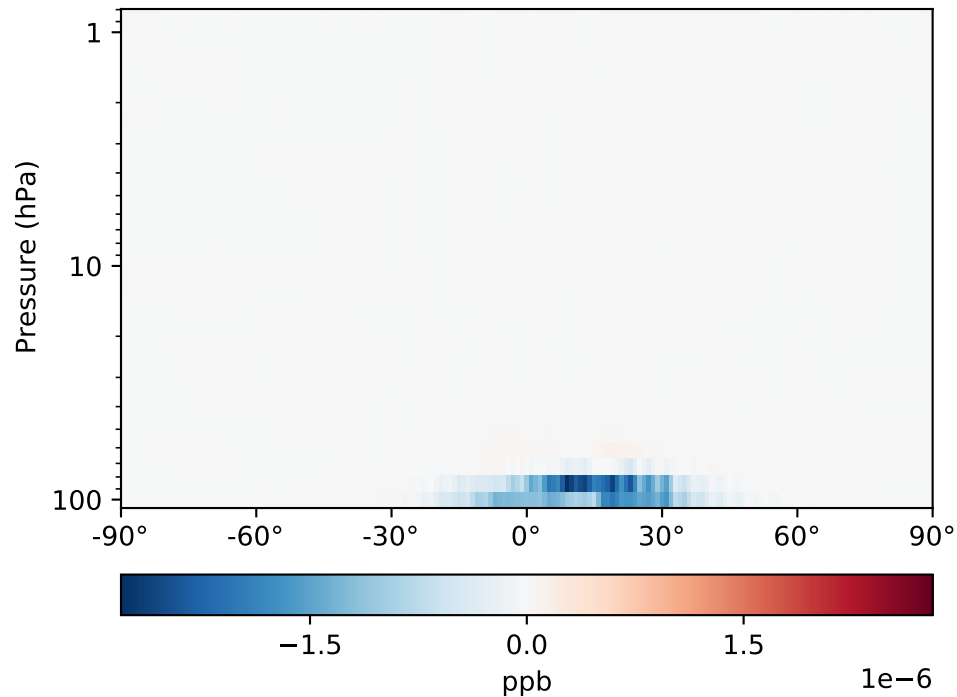
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



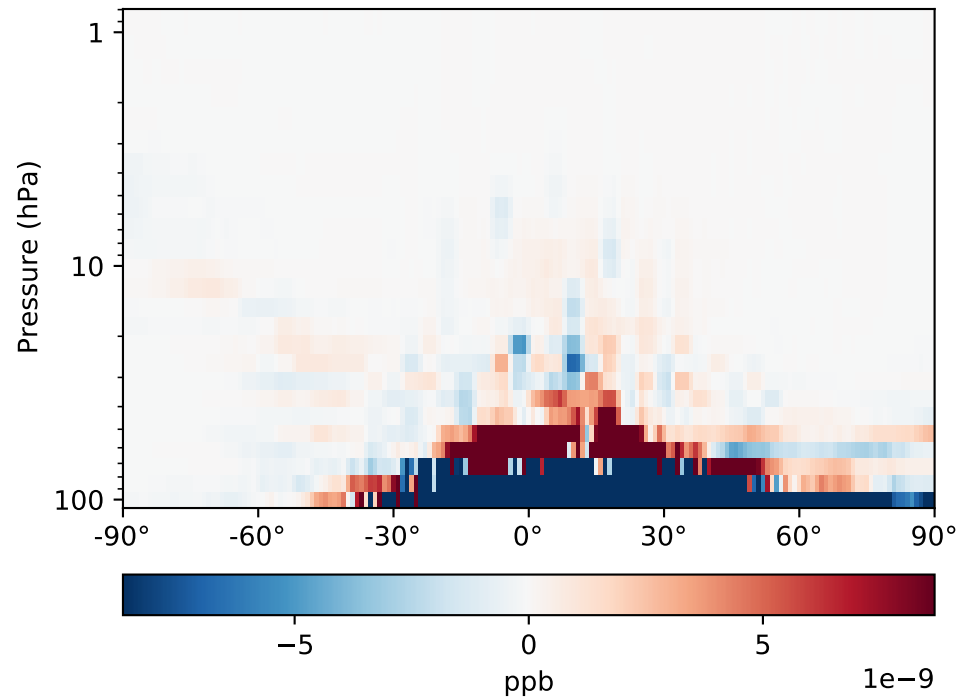
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



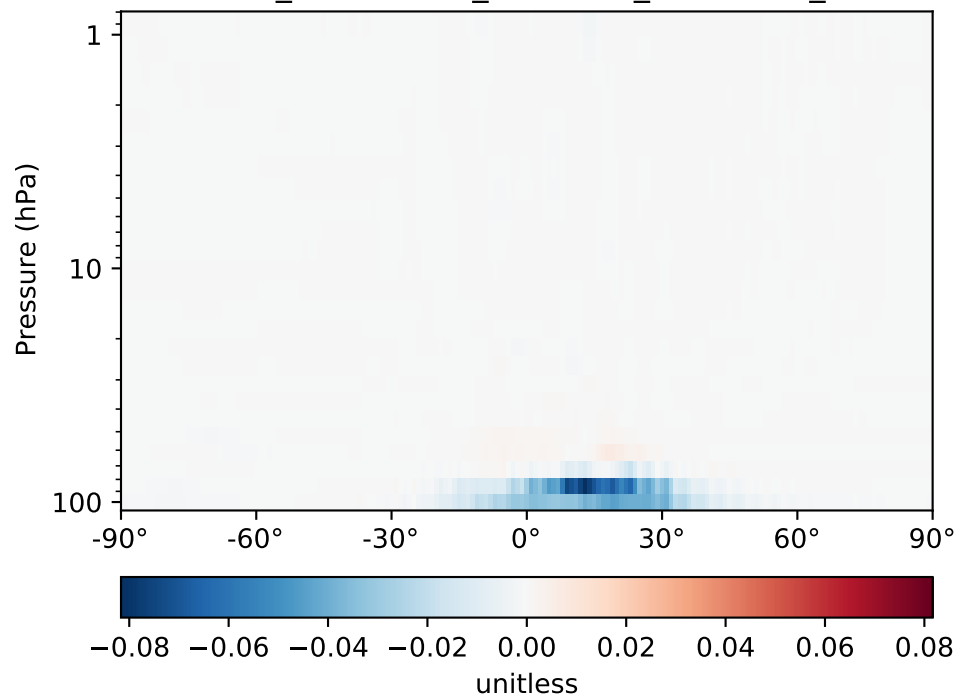
Difference (1x1.25)
Dev - Ref, Dynamic Range



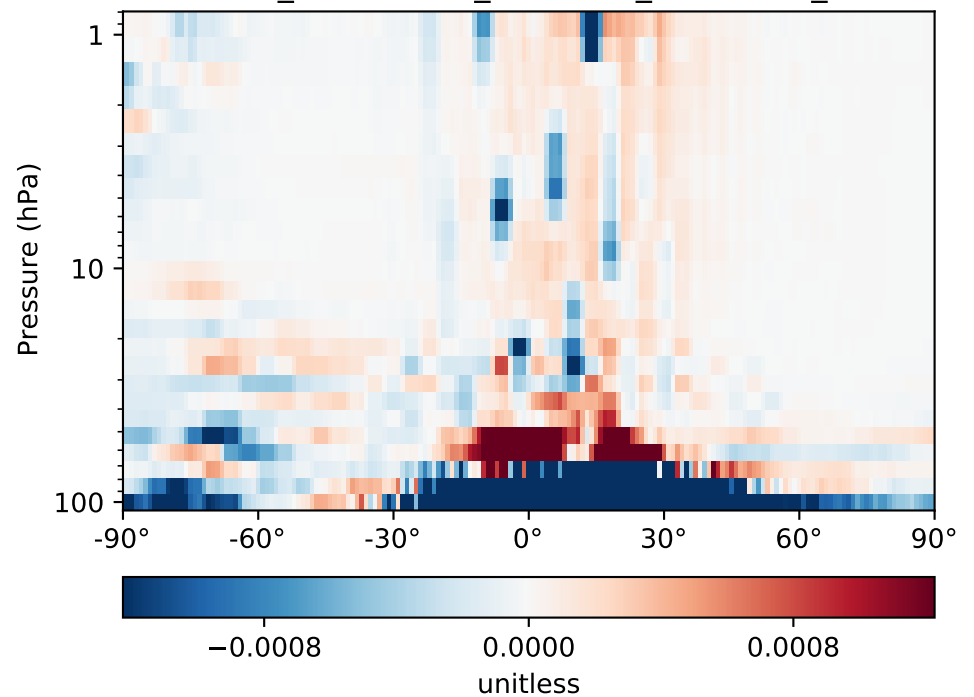
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

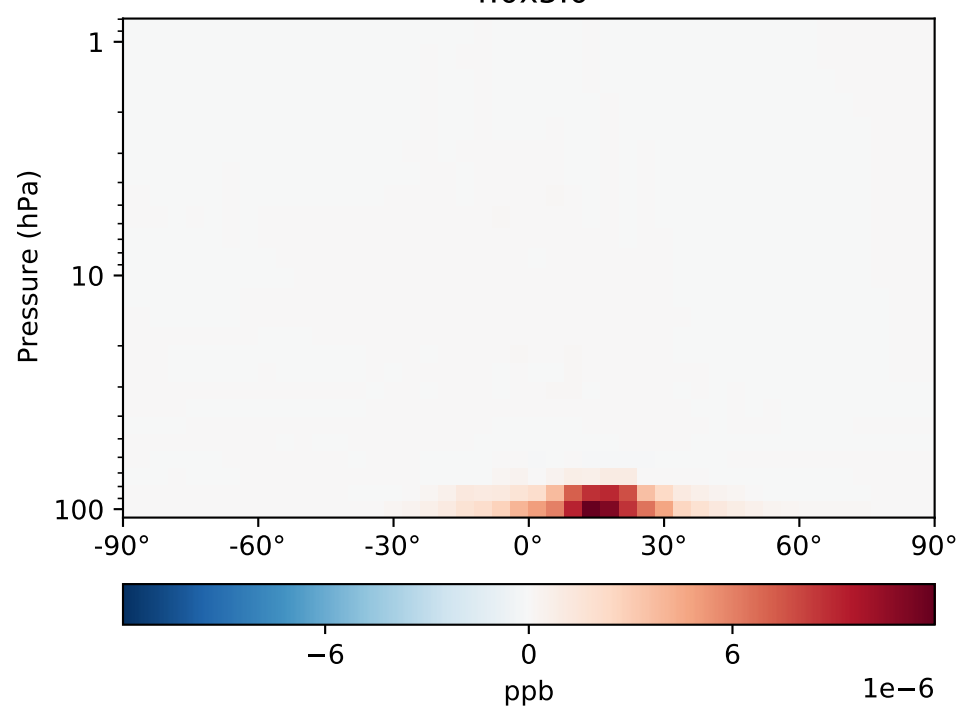


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

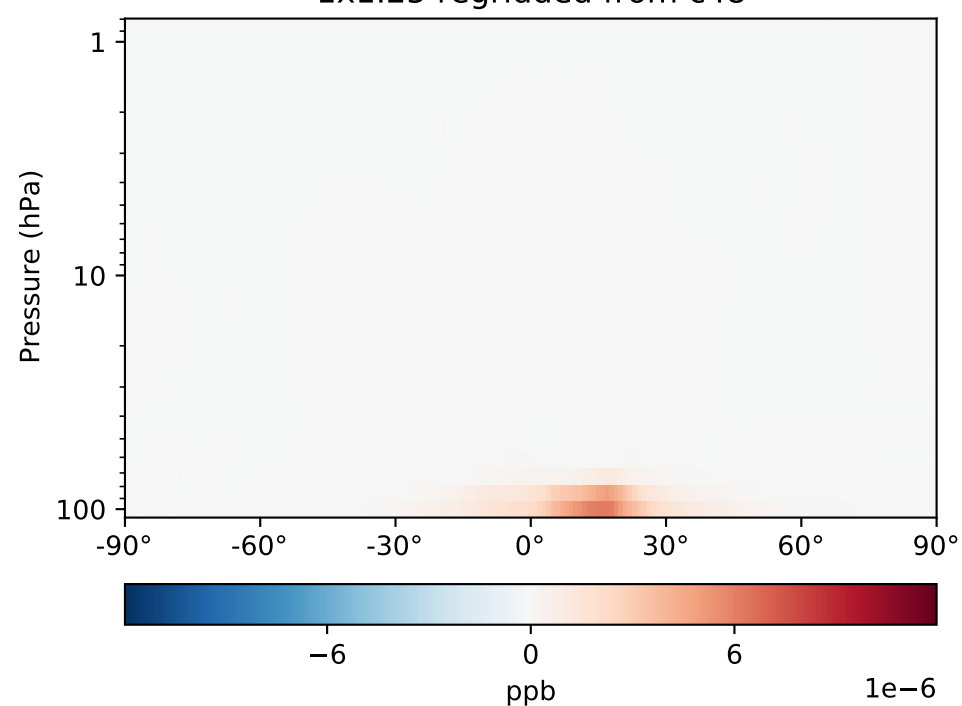


SpeciesConc_IONO2, Zonal Mean

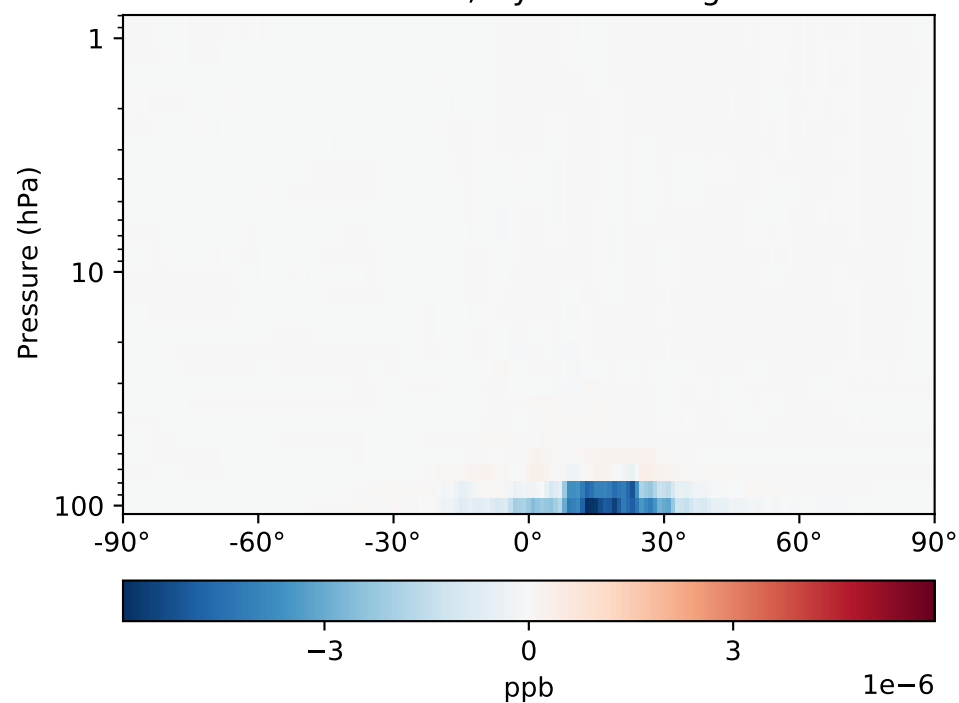
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



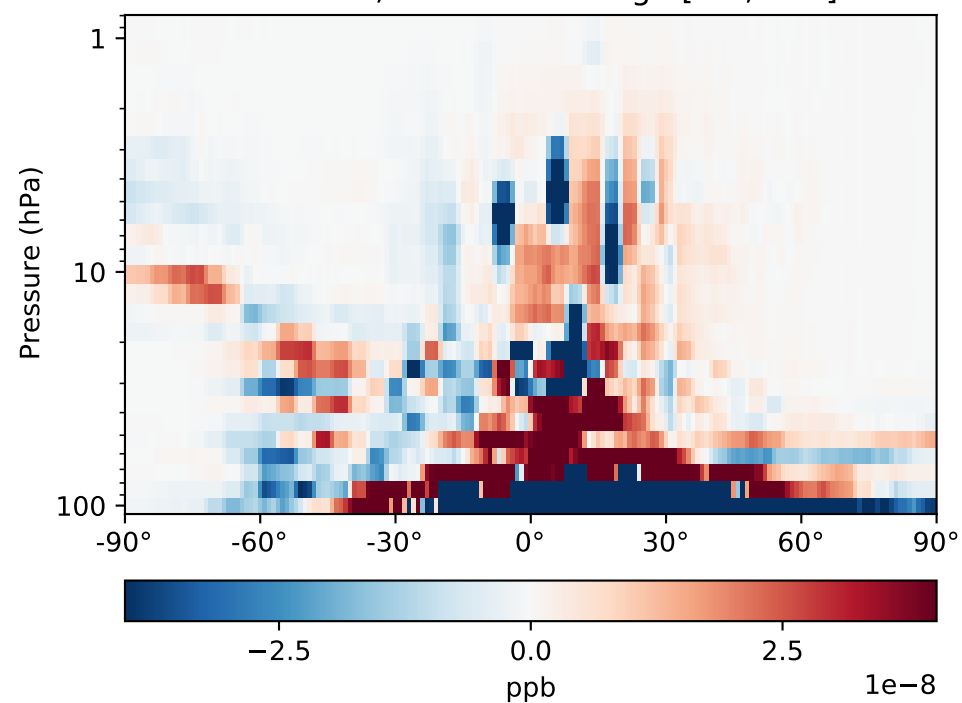
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



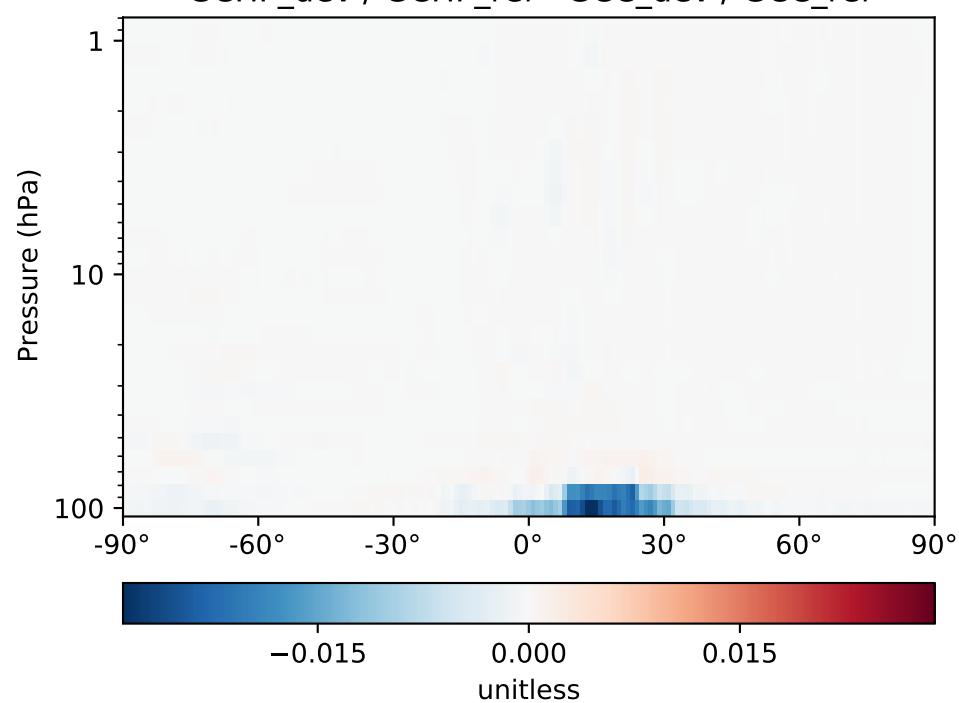
Difference (1x1.25)
Dev - Ref, Dynamic Range



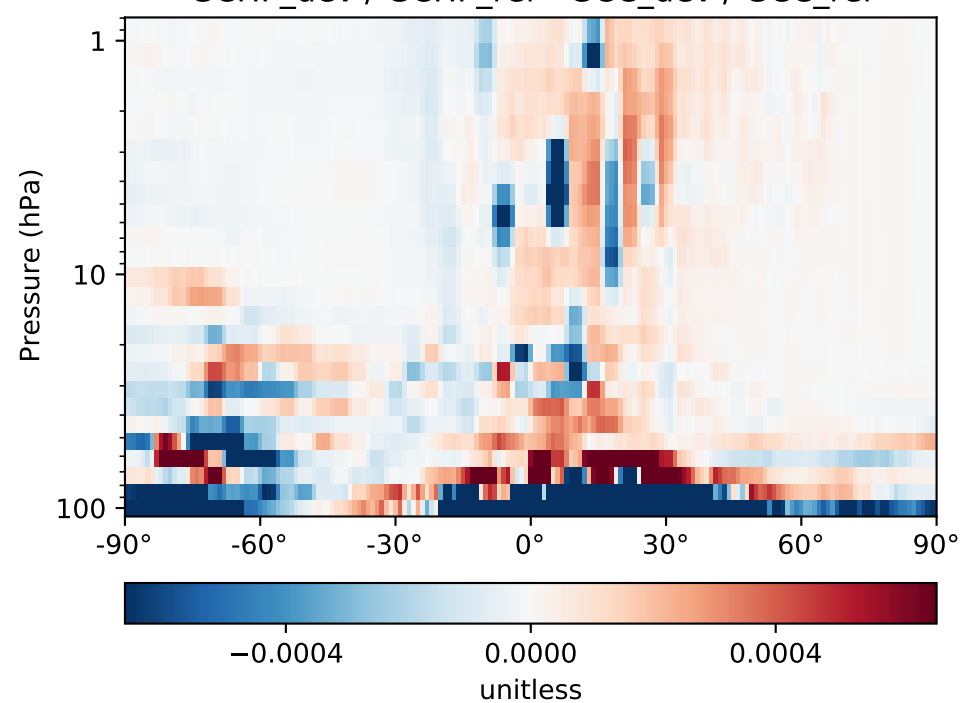
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

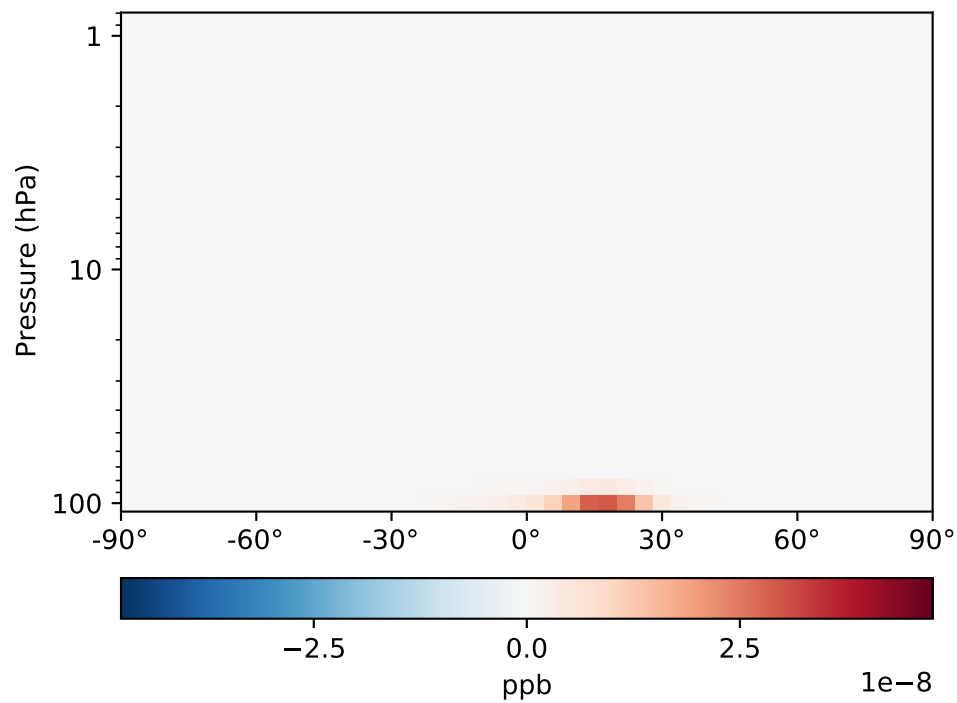


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

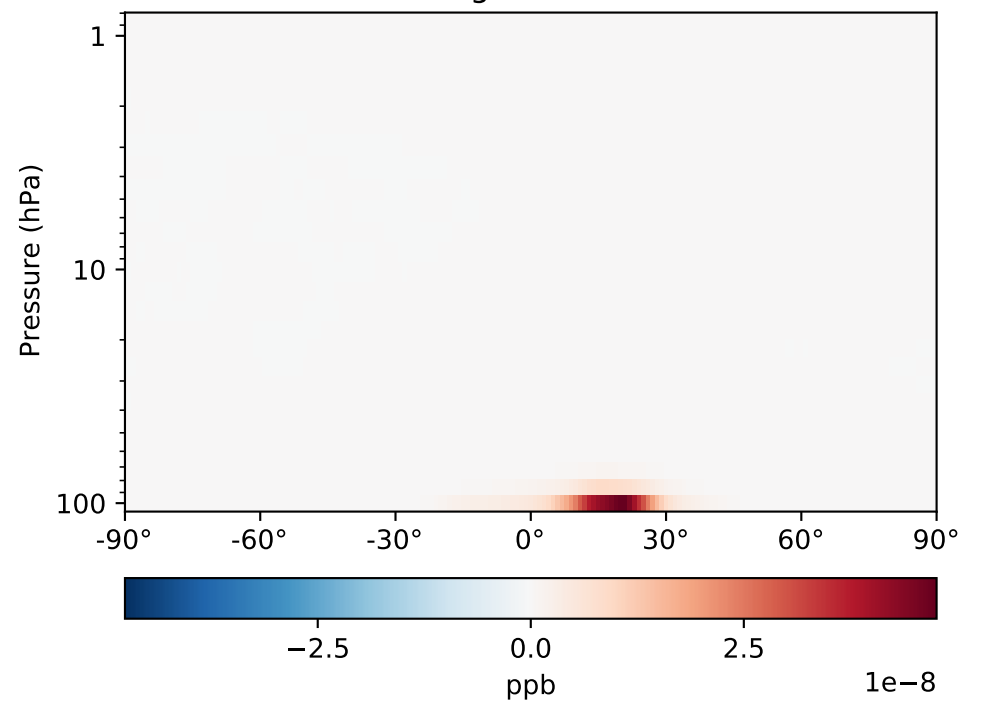


SpeciesConc_CH3I, Zonal Mean

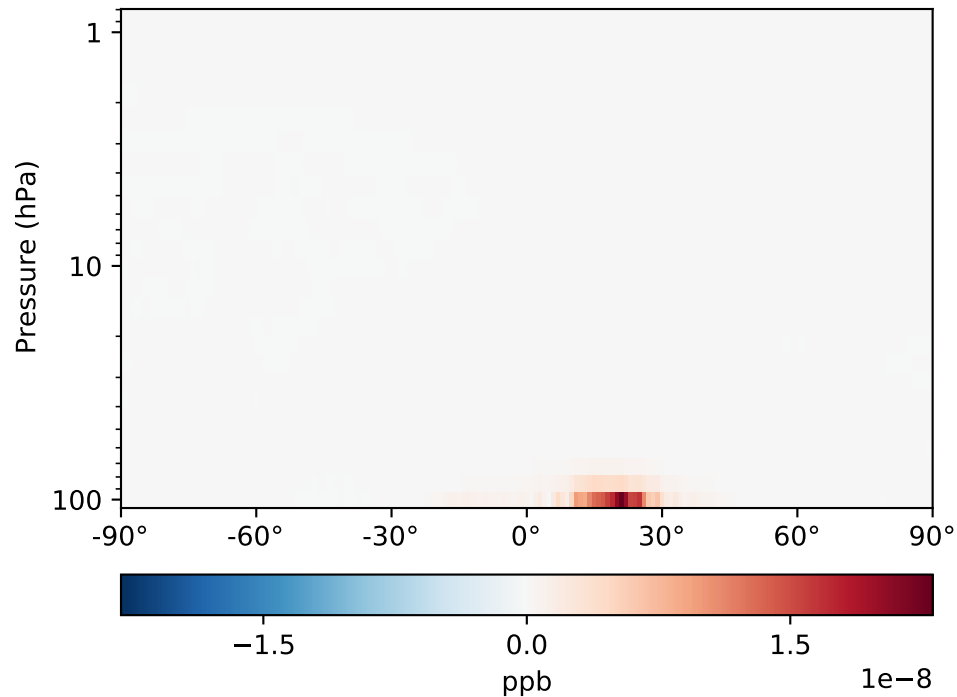
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



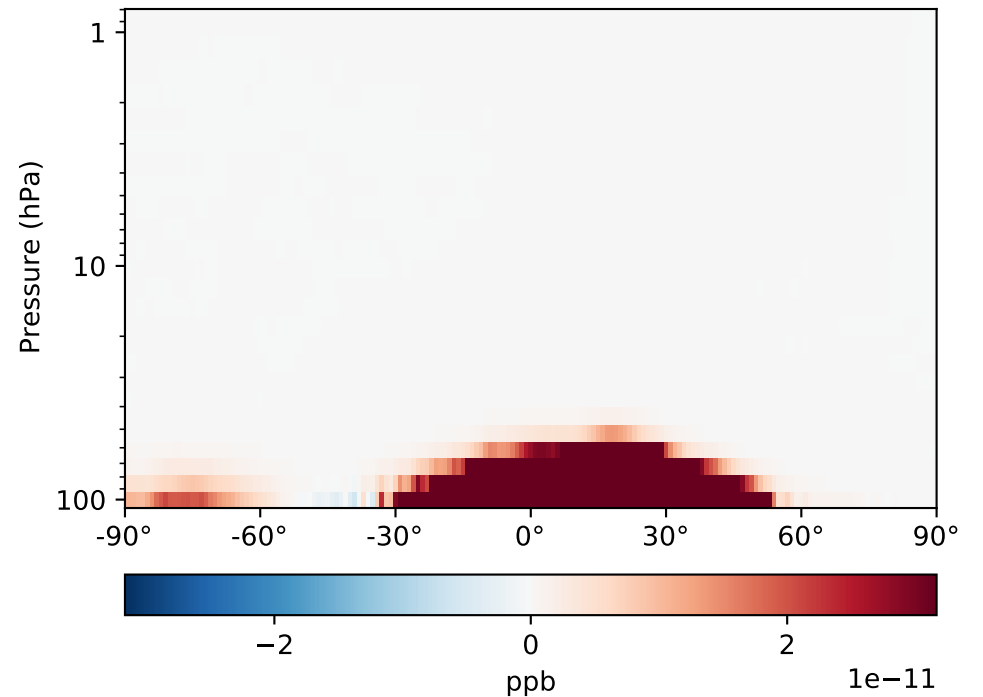
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



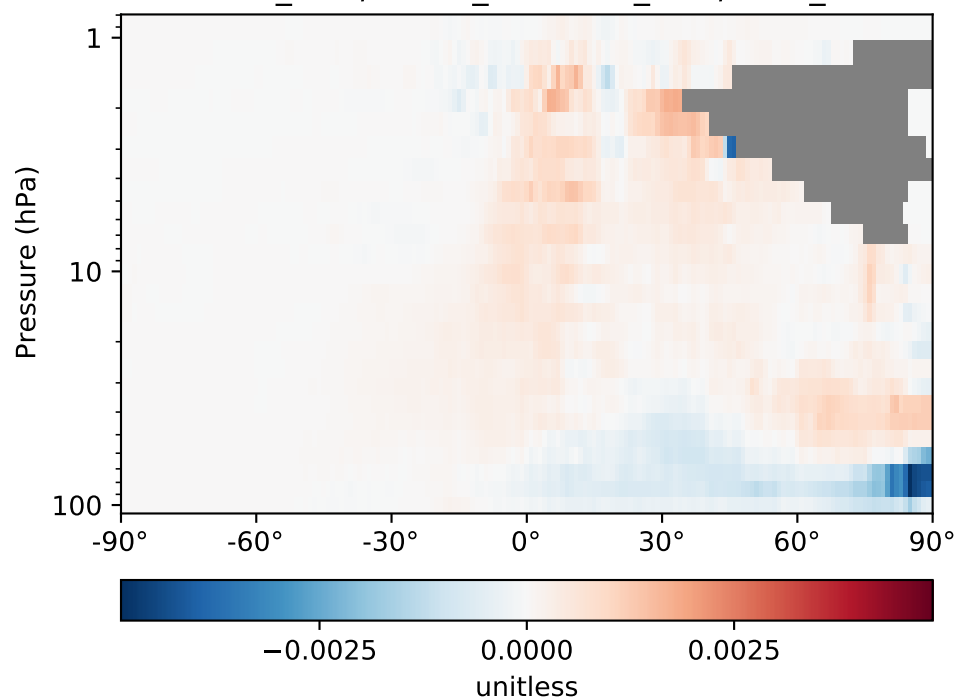
Difference (1x1.25)
Dev - Ref, Dynamic Range



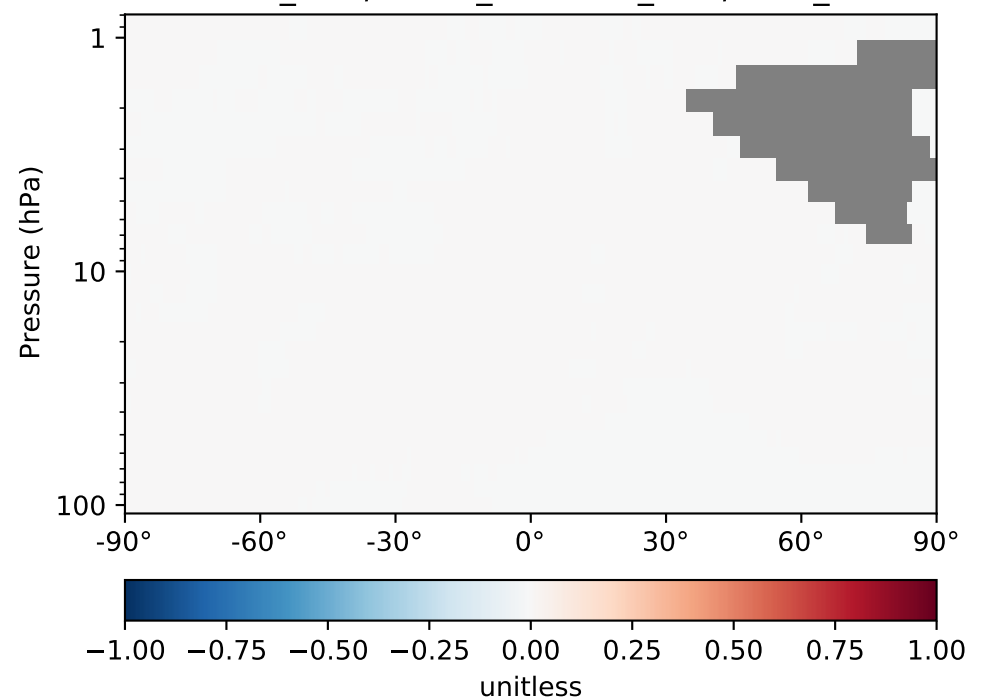
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

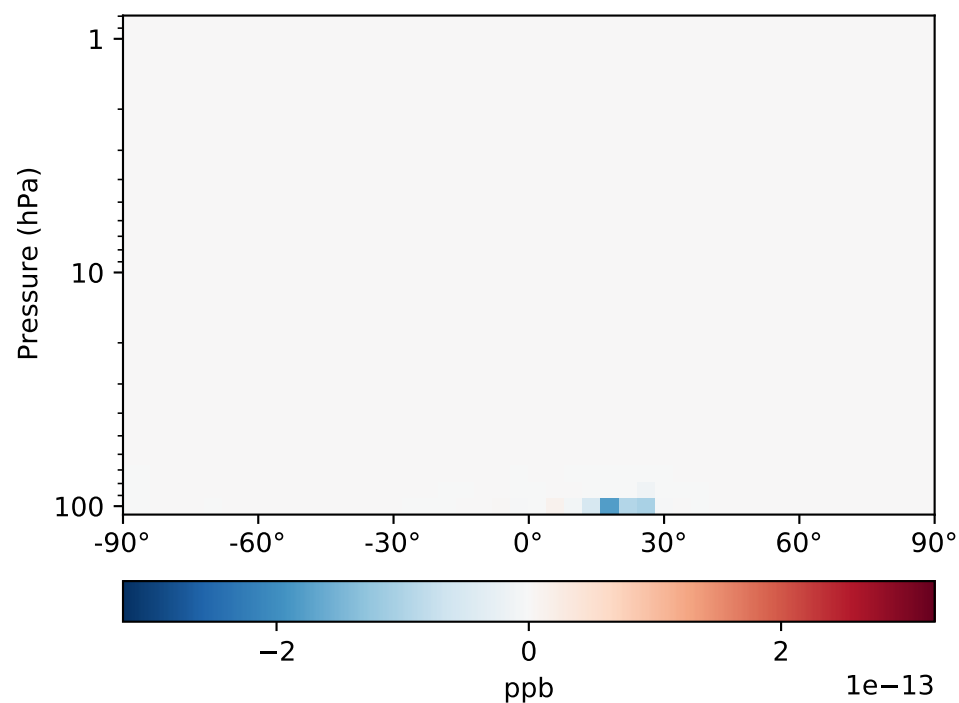


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

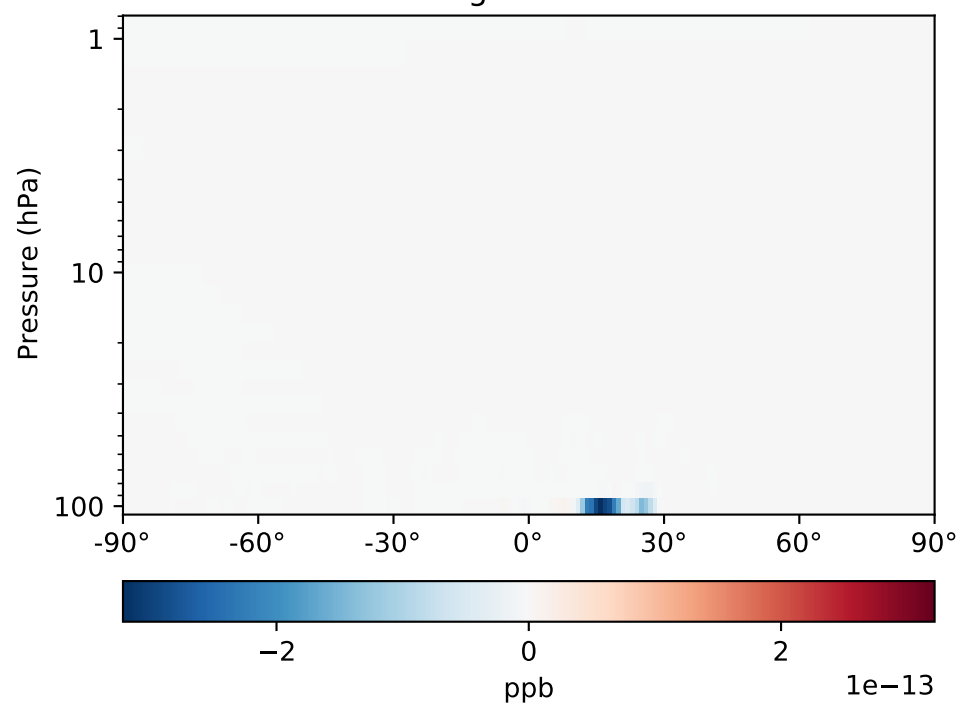


SpeciesConc_CH2I2, Zonal Mean

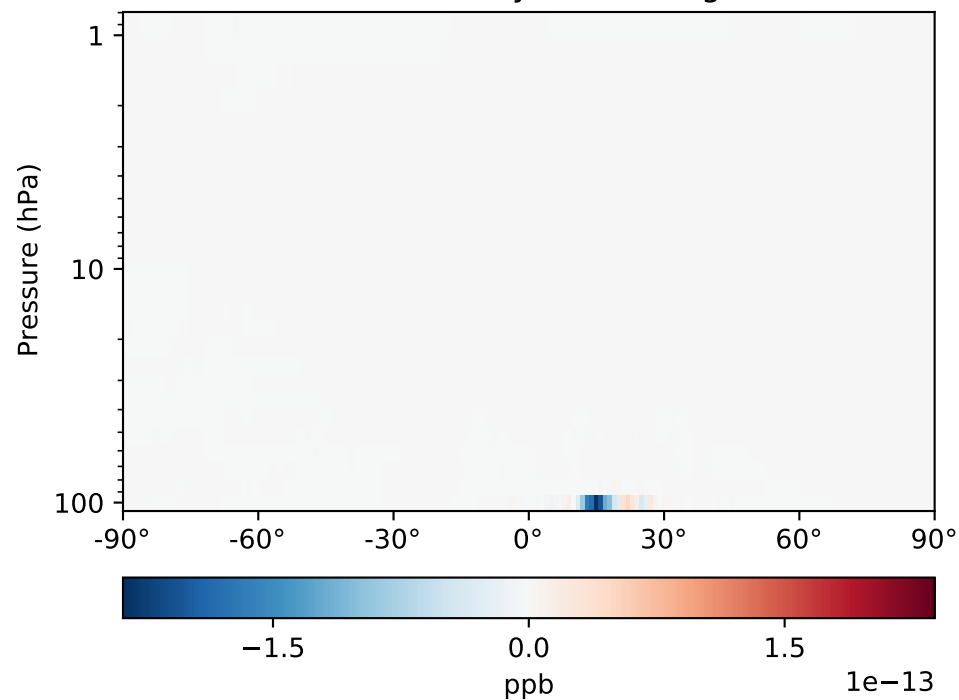
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



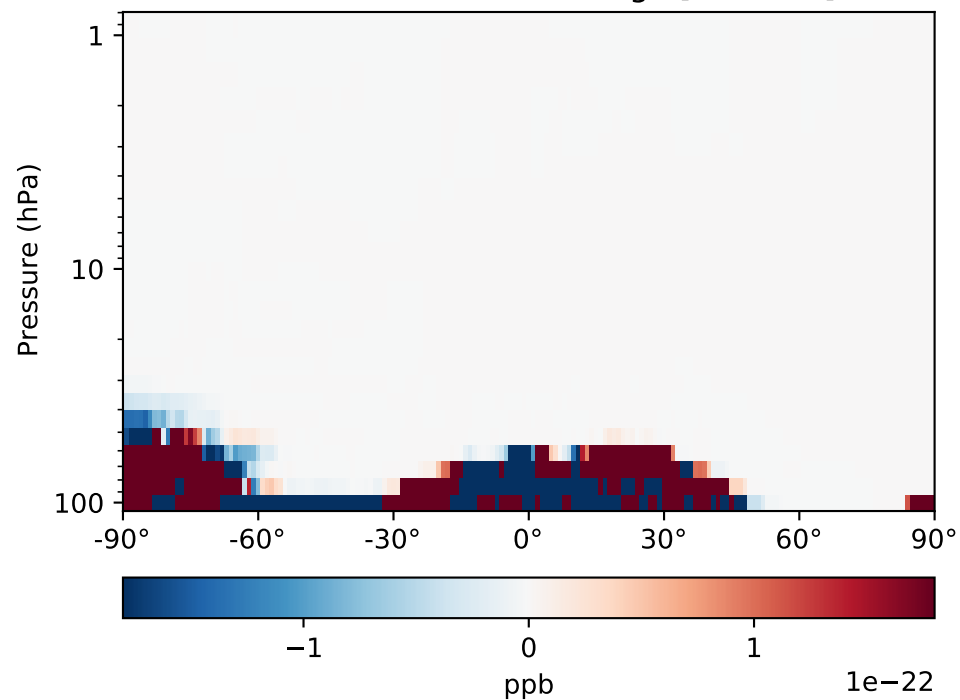
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



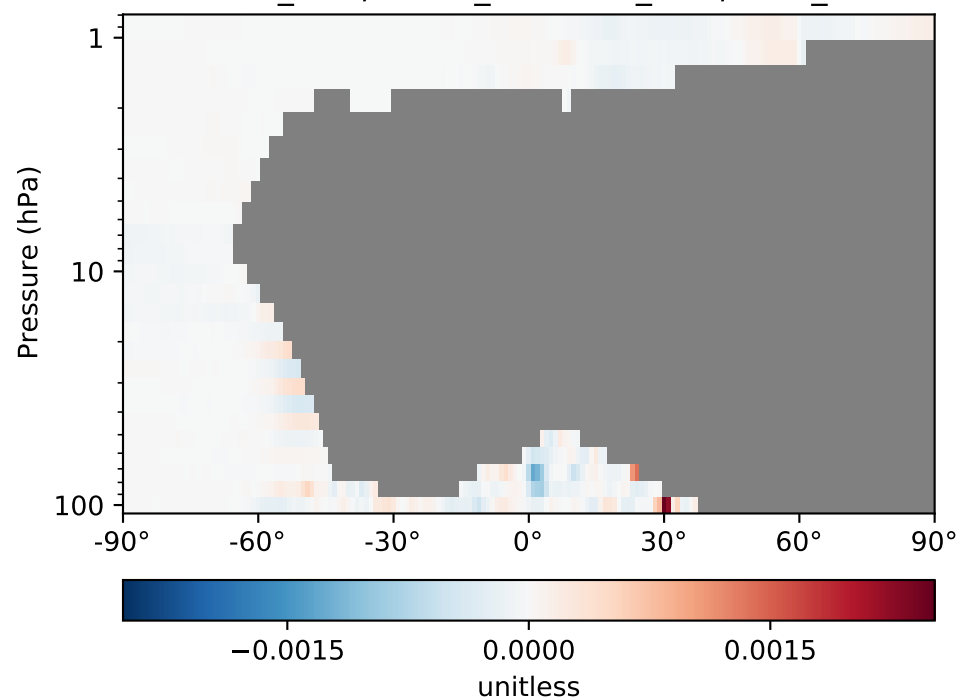
Difference (1x1.25)
Dev - Ref, Dynamic Range



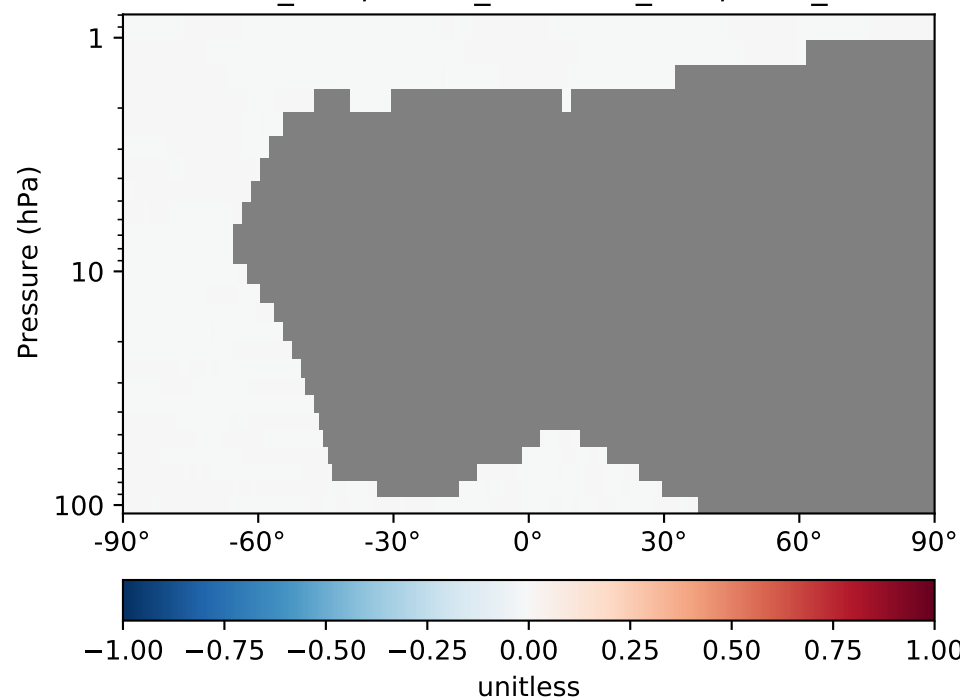
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

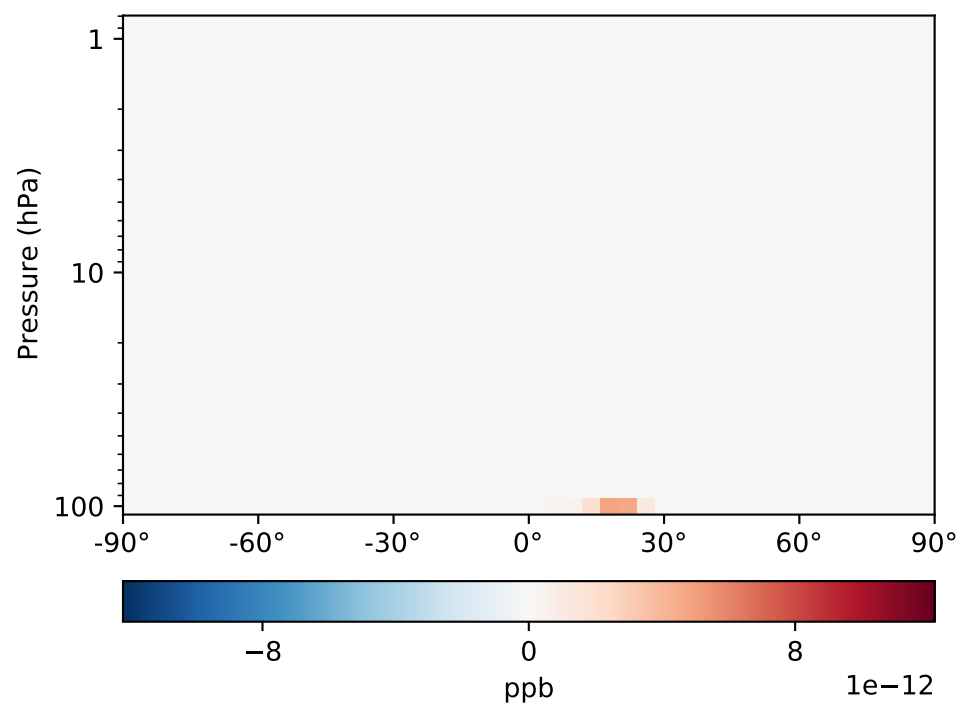


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

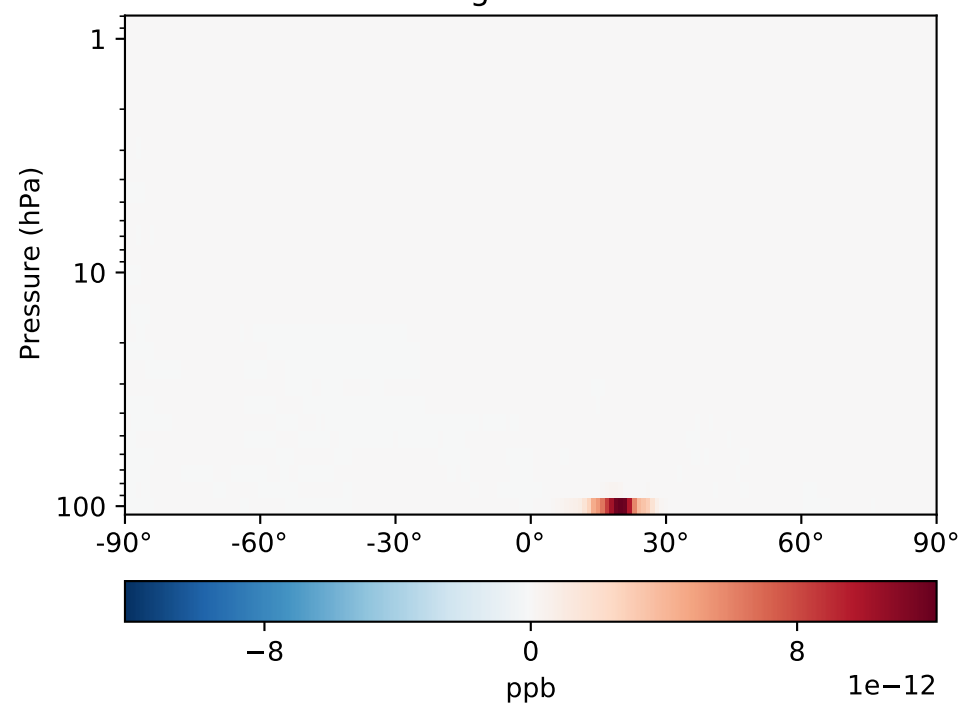


SpeciesConc_CH2ICl, Zonal Mean

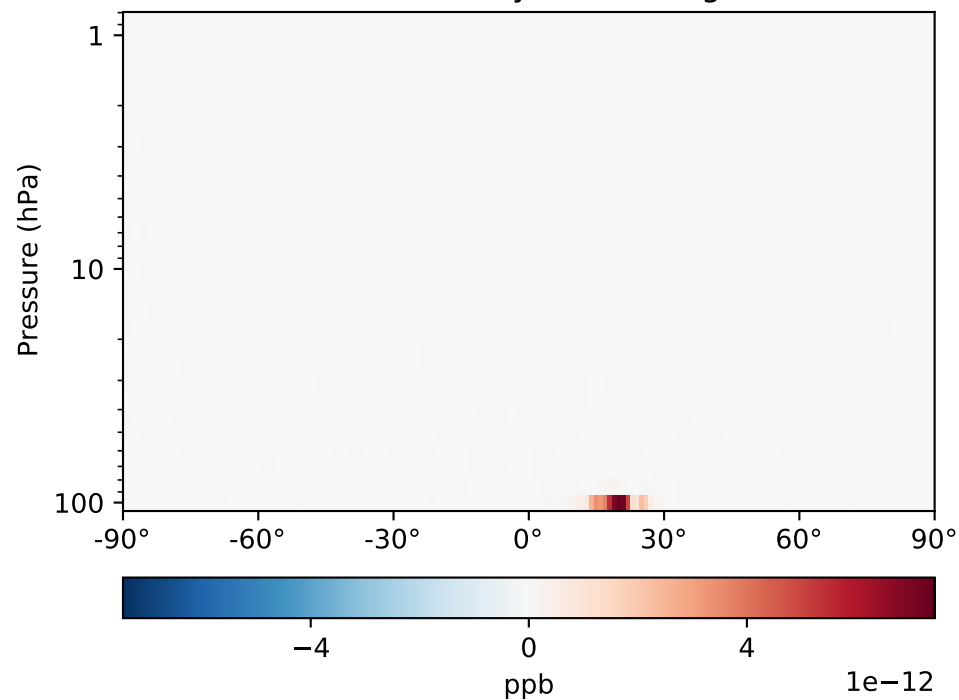
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



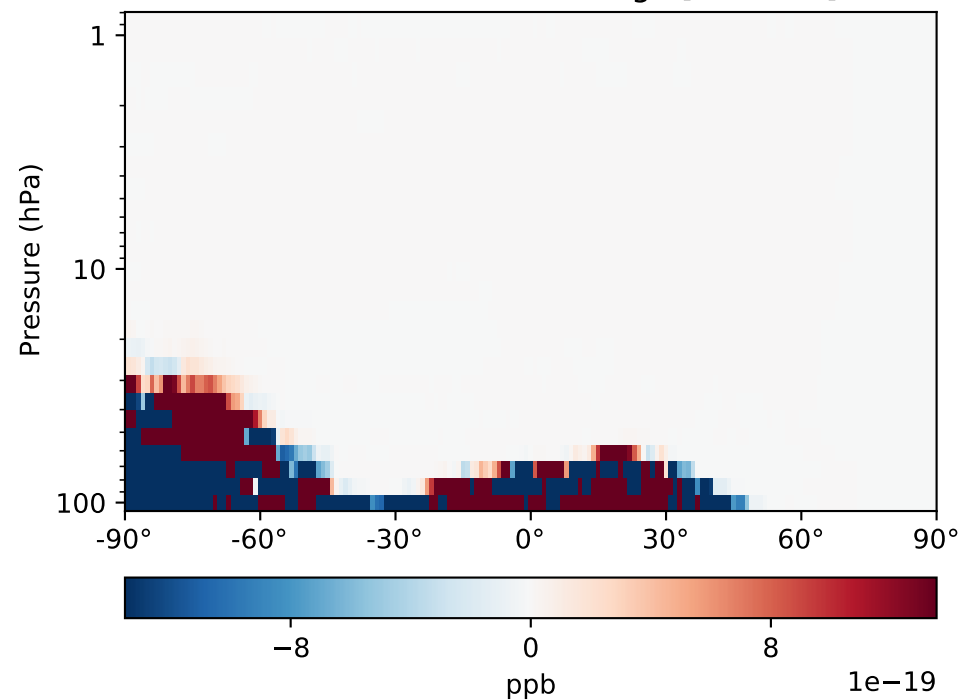
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



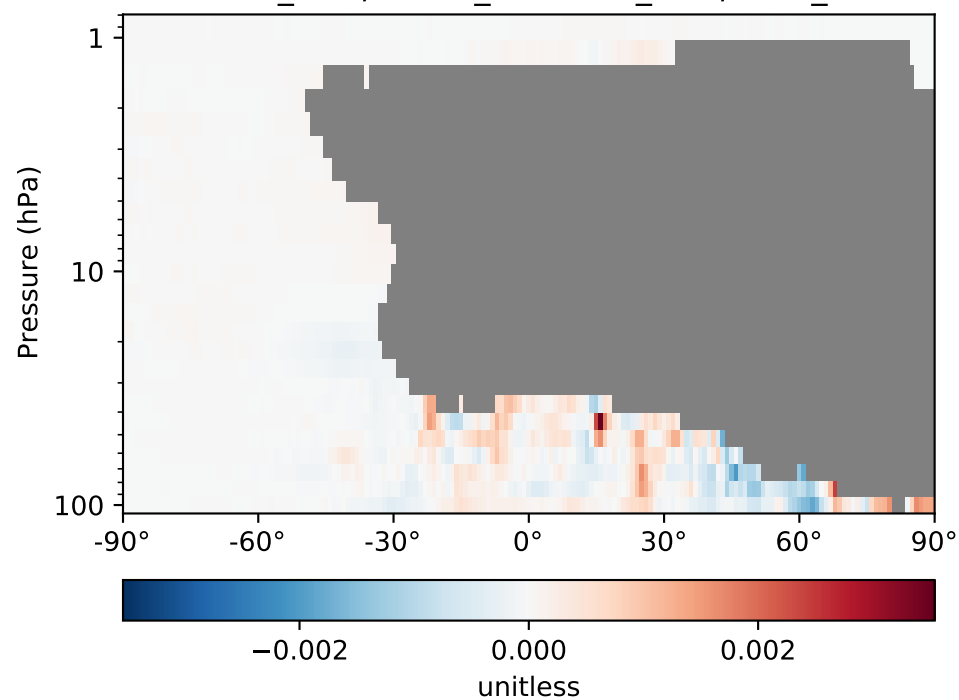
Difference (1x1.25)
Dev - Ref, Dynamic Range



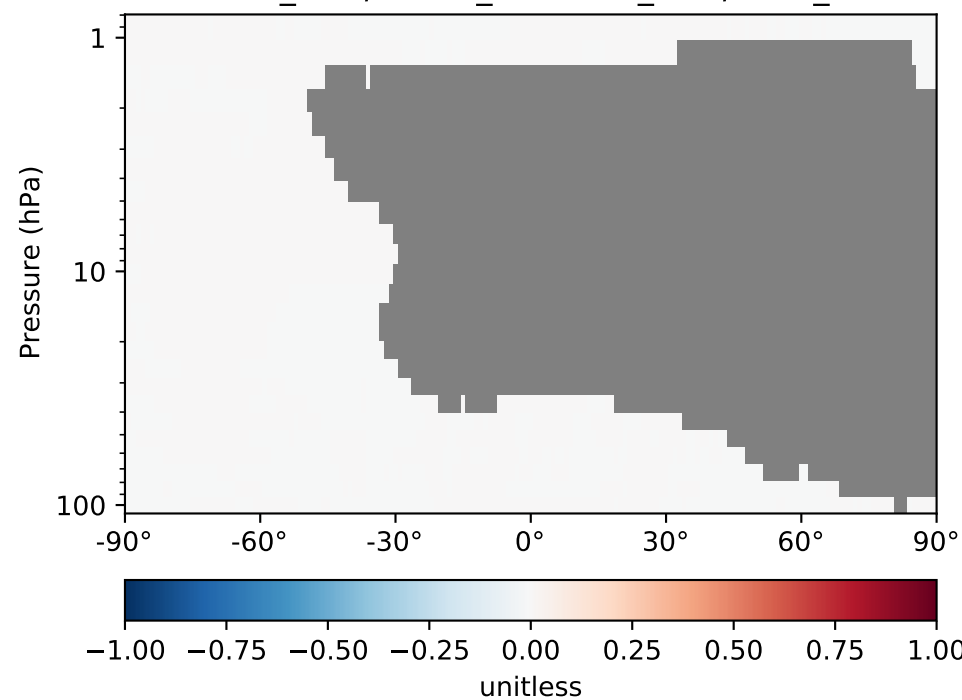
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

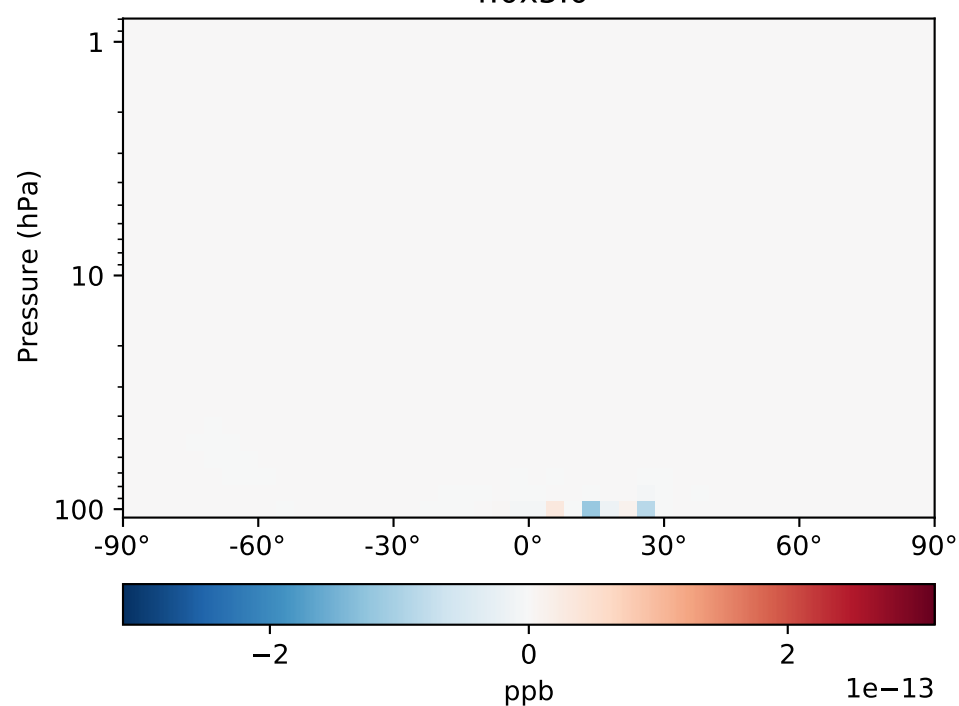


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

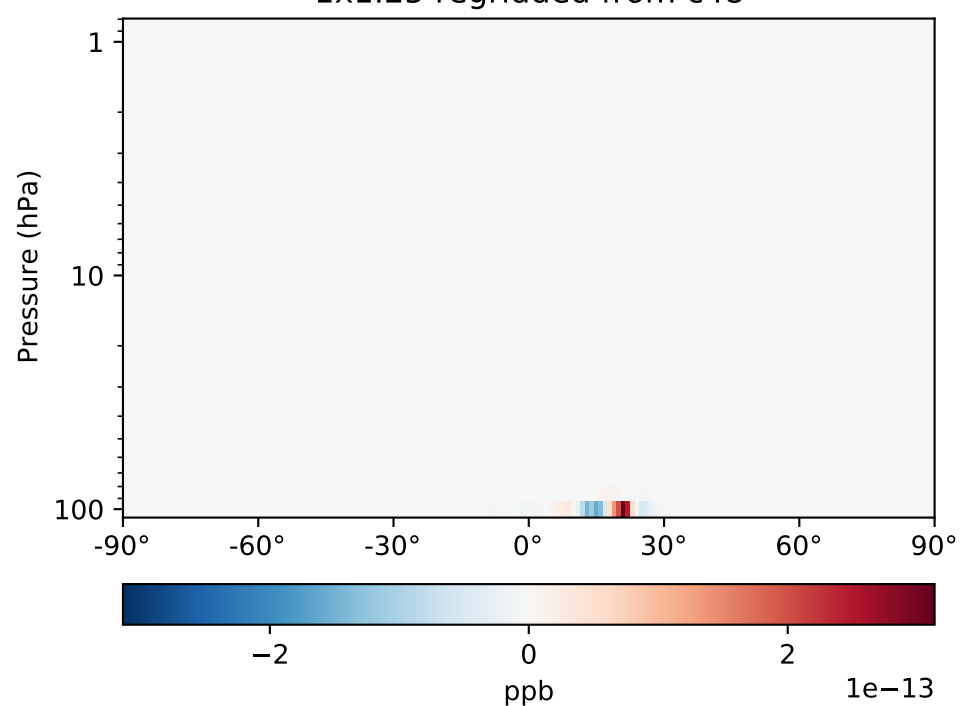


SpeciesConc_CH2IBr, Zonal Mean

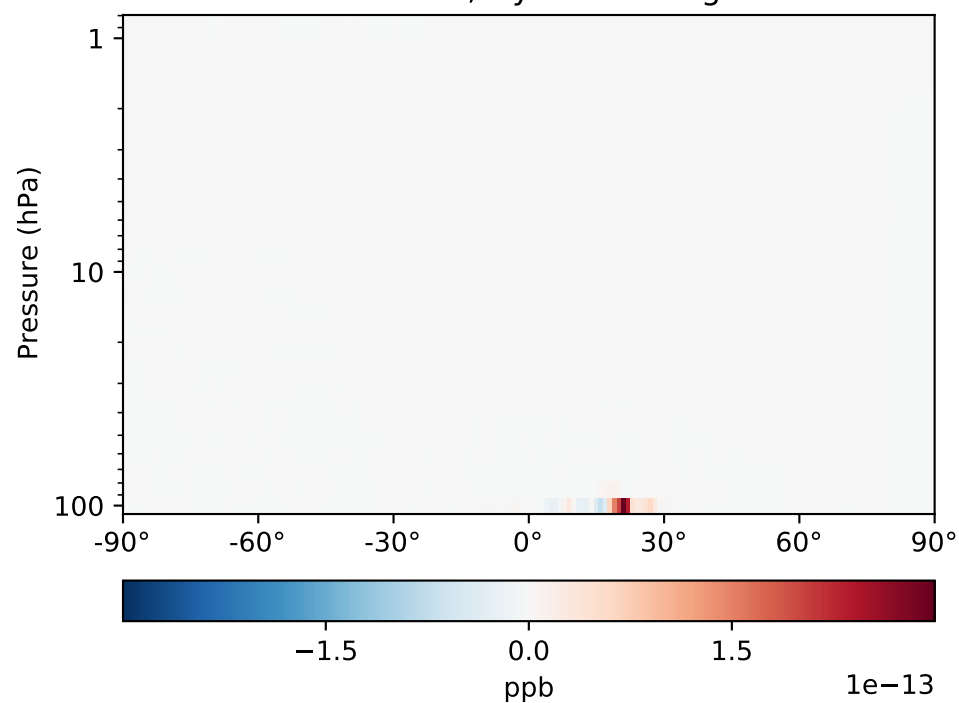
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



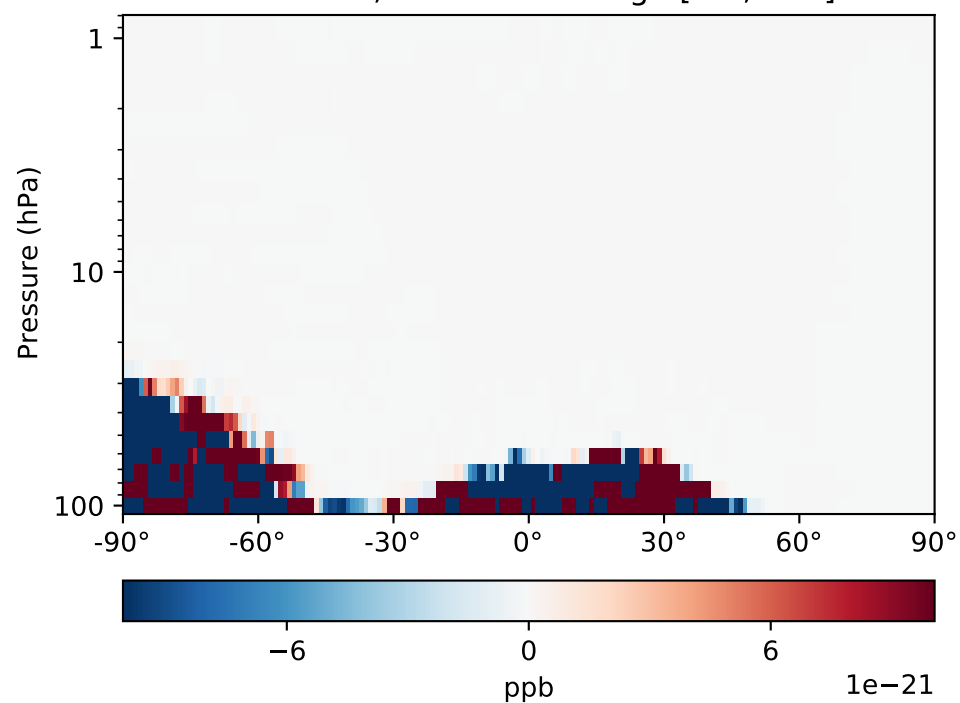
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



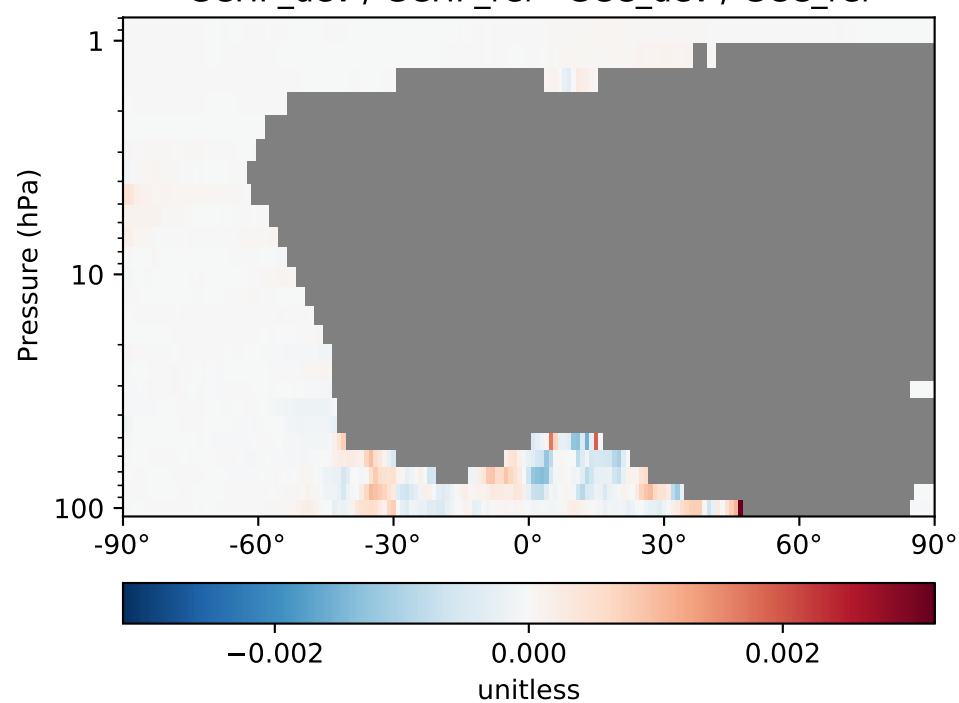
Difference (1x1.25)
Dev - Ref, Dynamic Range



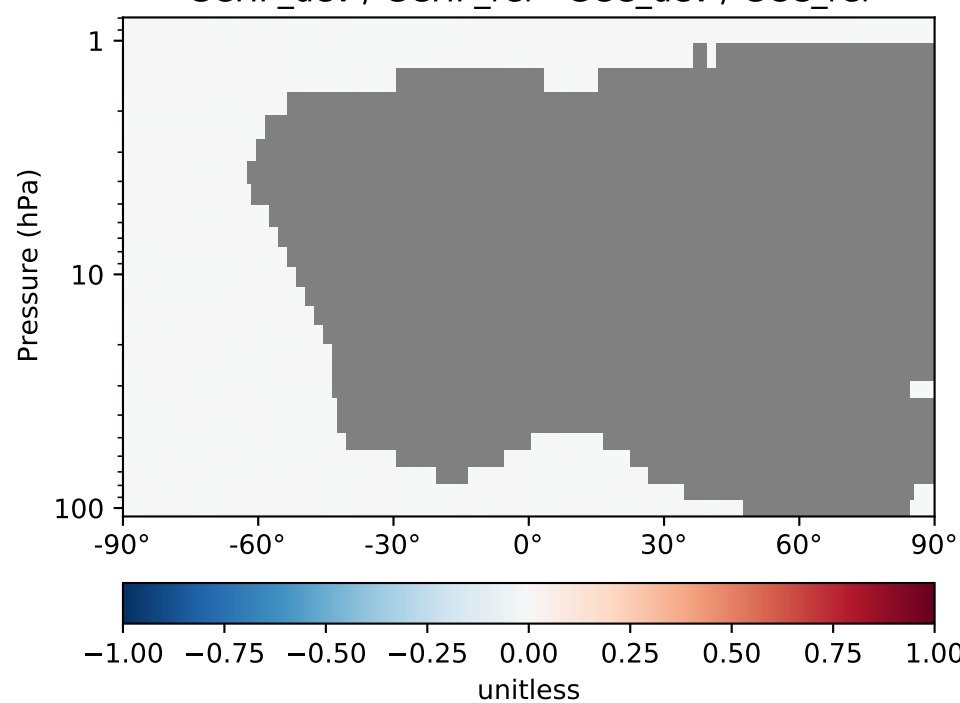
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

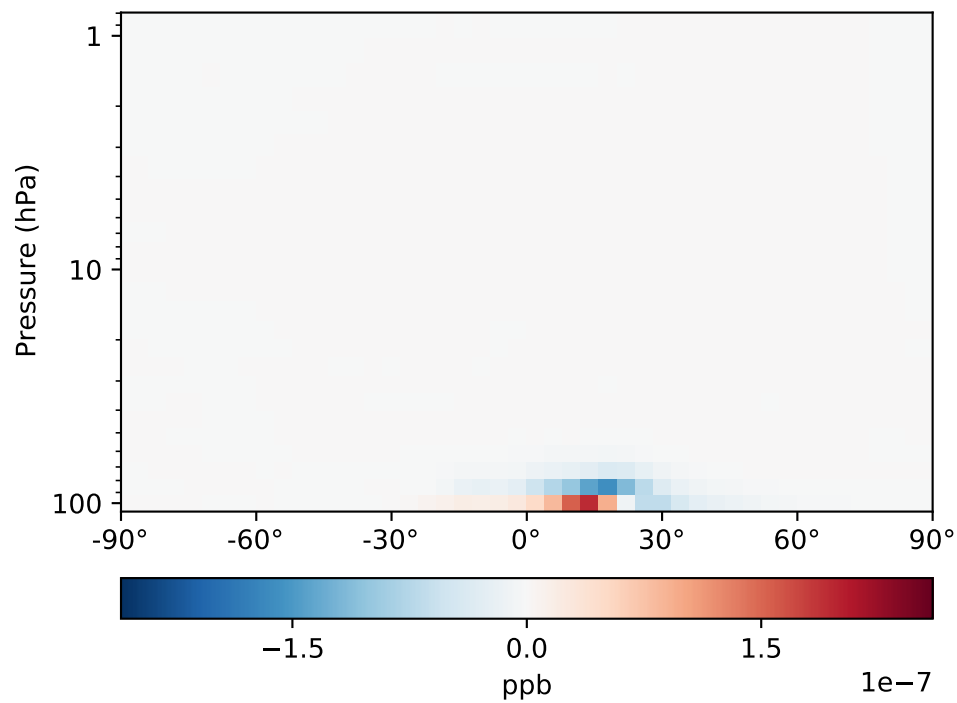


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

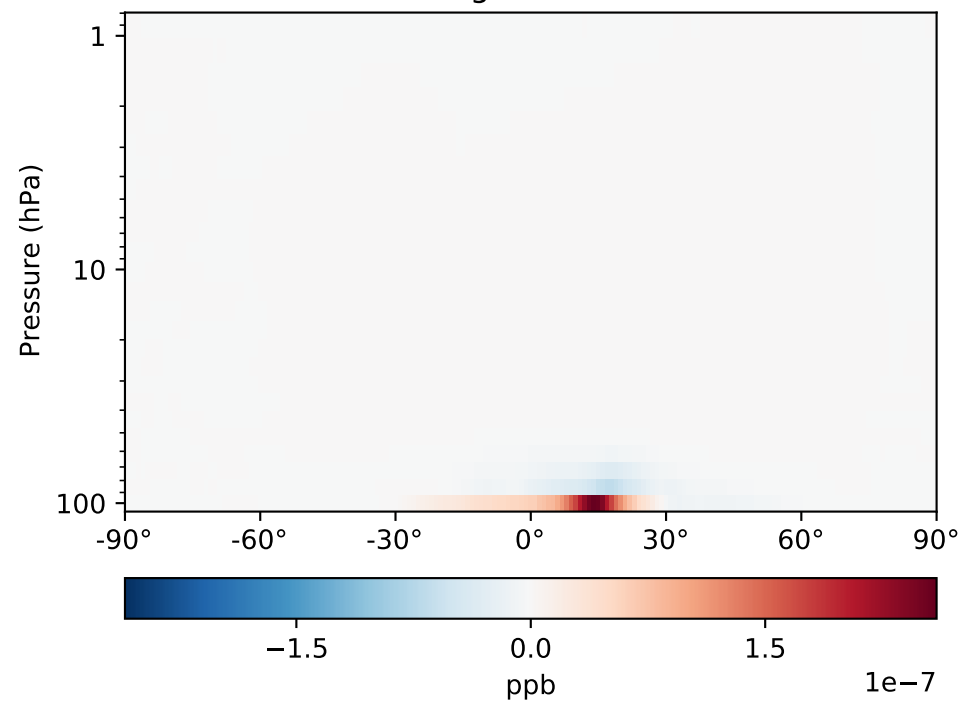


SpeciesConc_HI, Zonal Mean

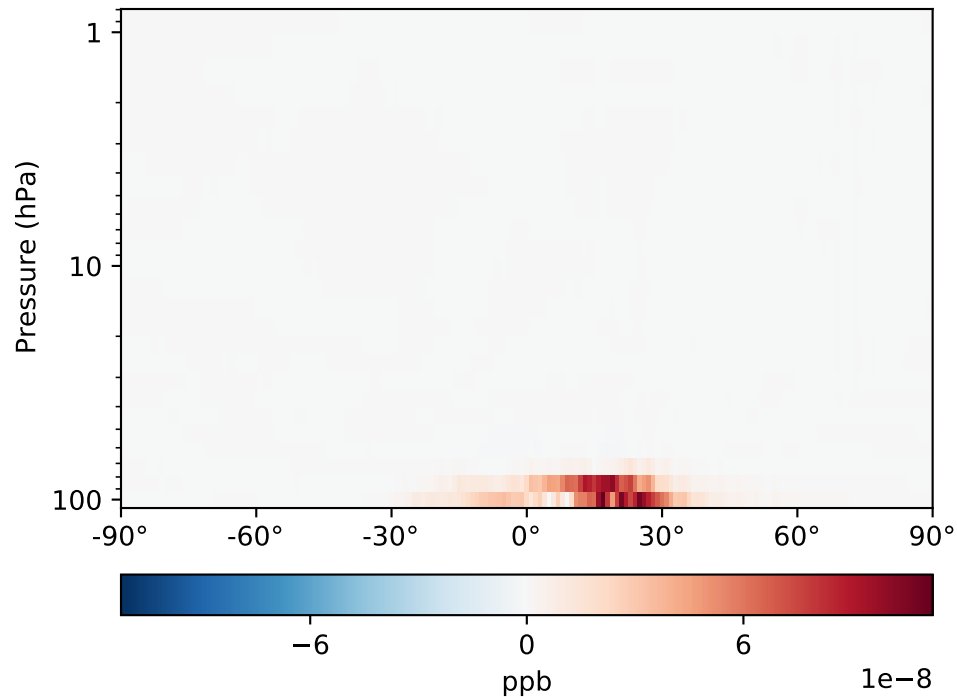
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



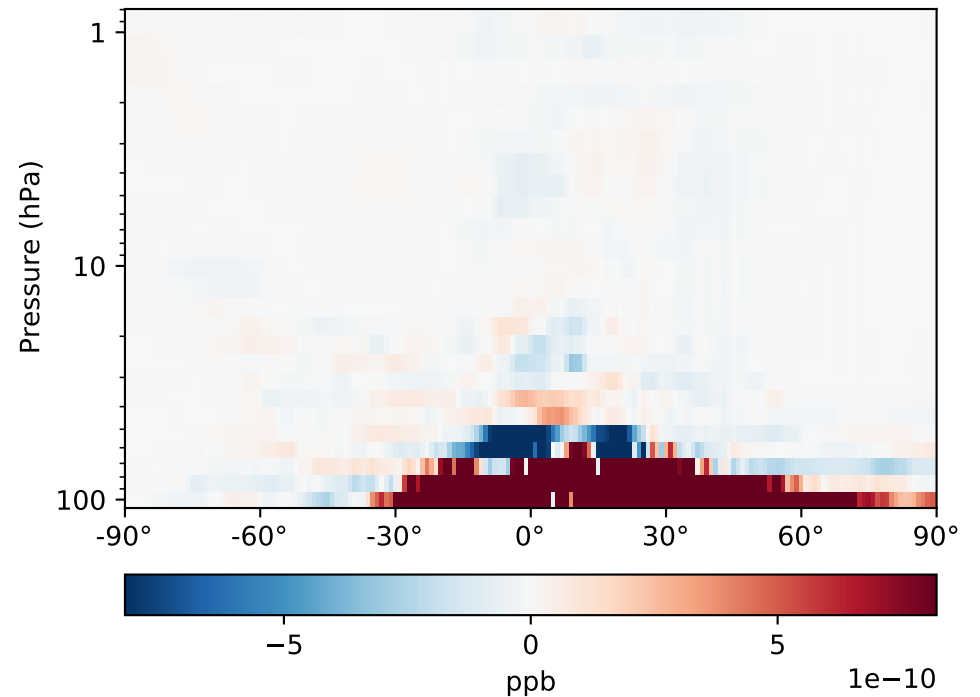
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



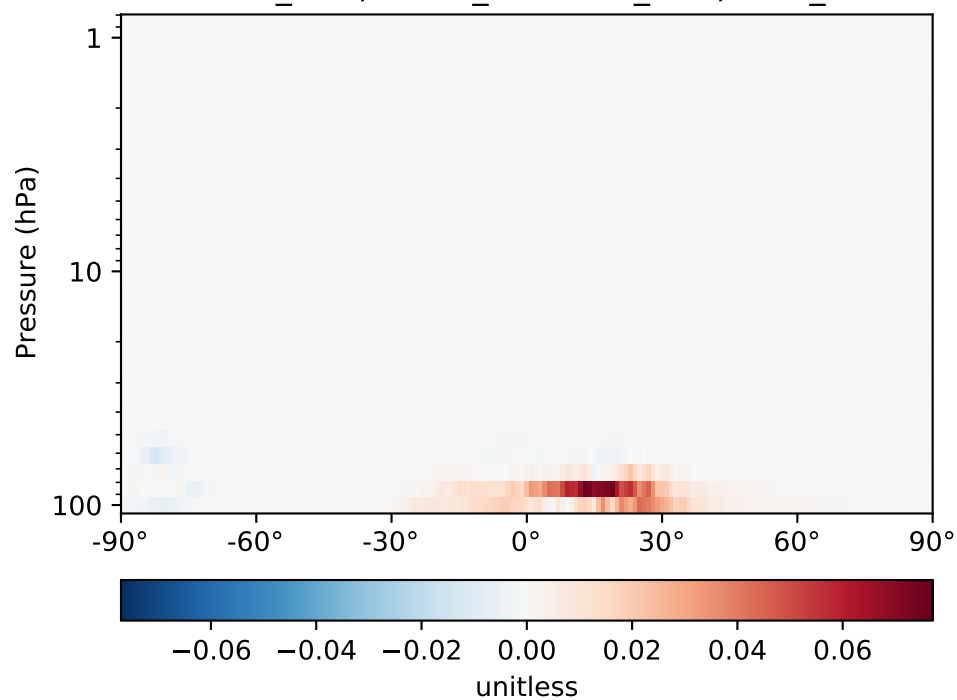
Difference (1x1.25)
Dev - Ref, Dynamic Range



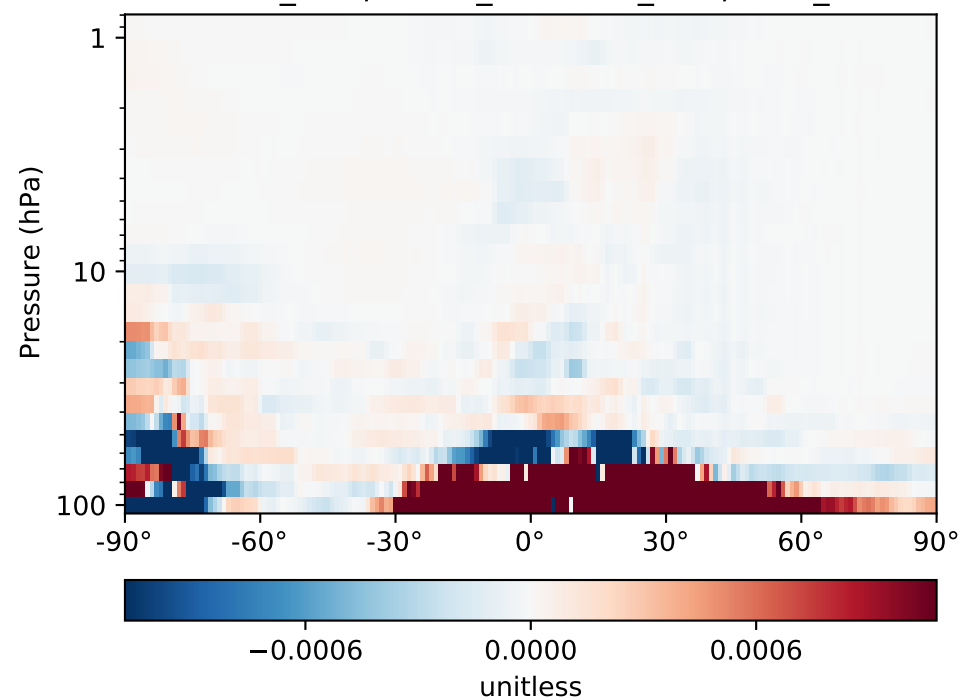
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

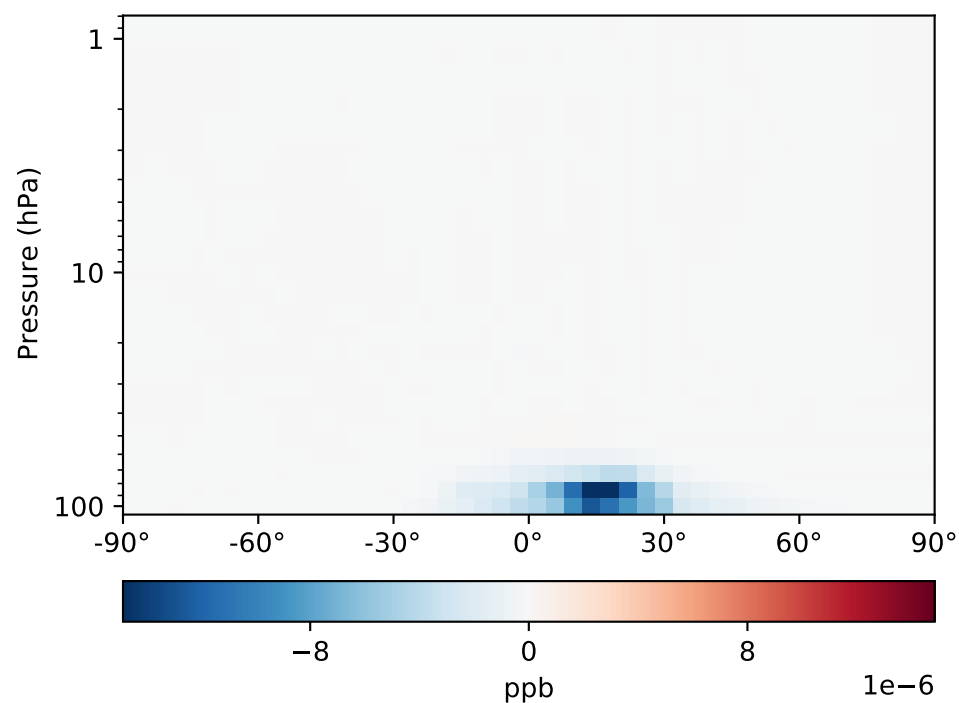


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

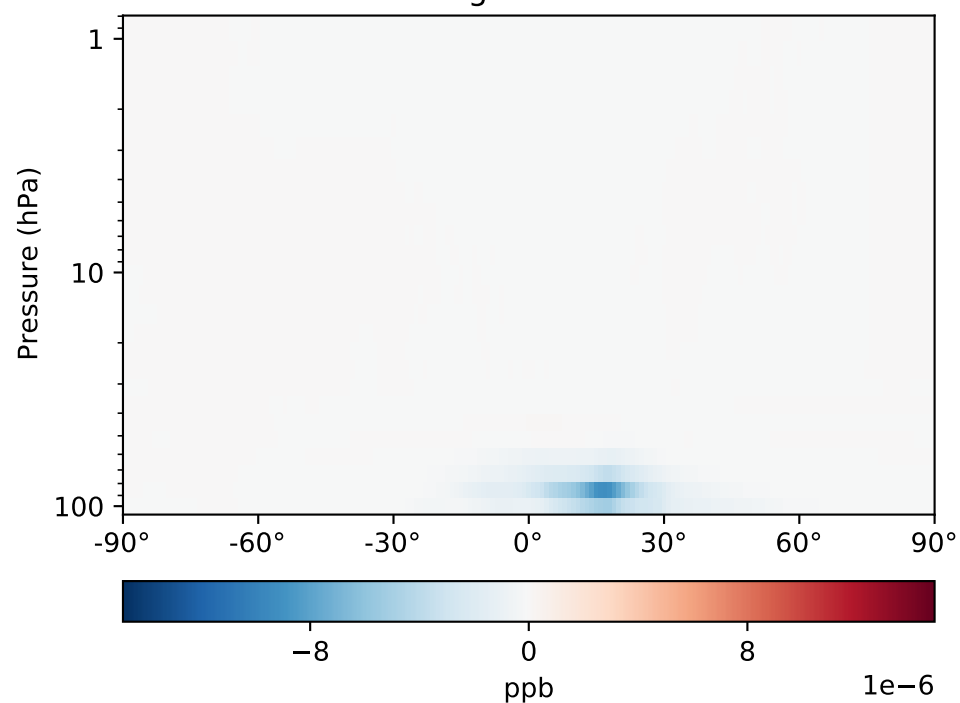


SpeciesConc_HOI, Zonal Mean

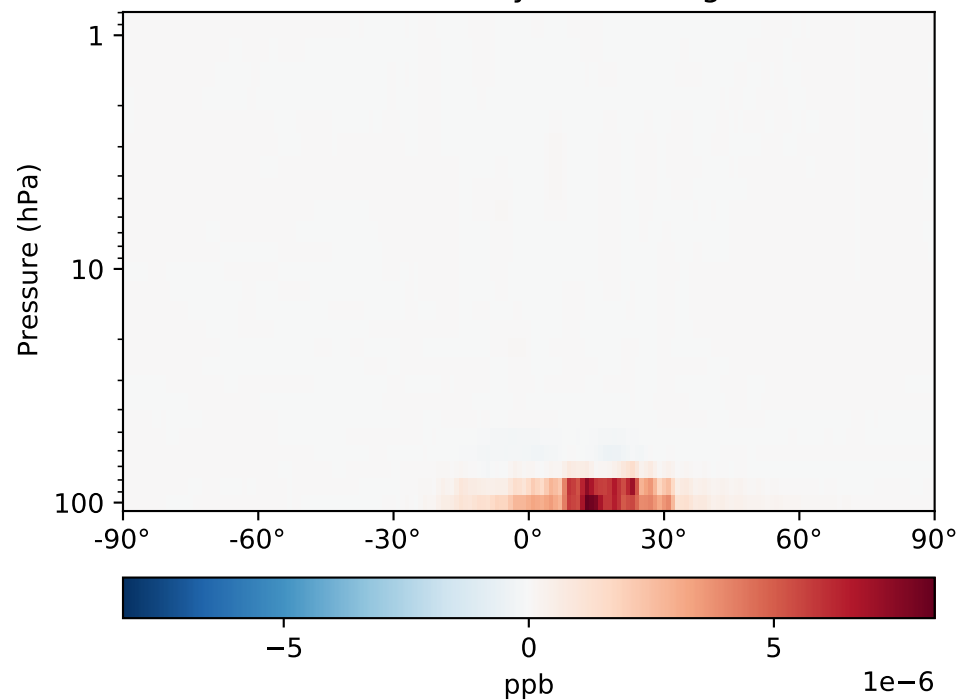
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



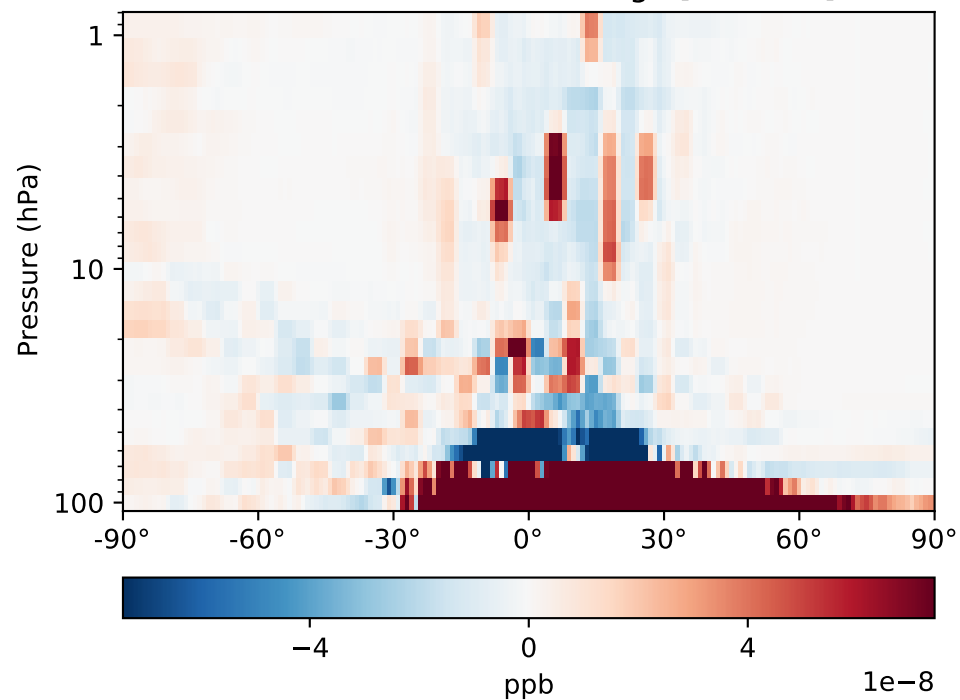
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



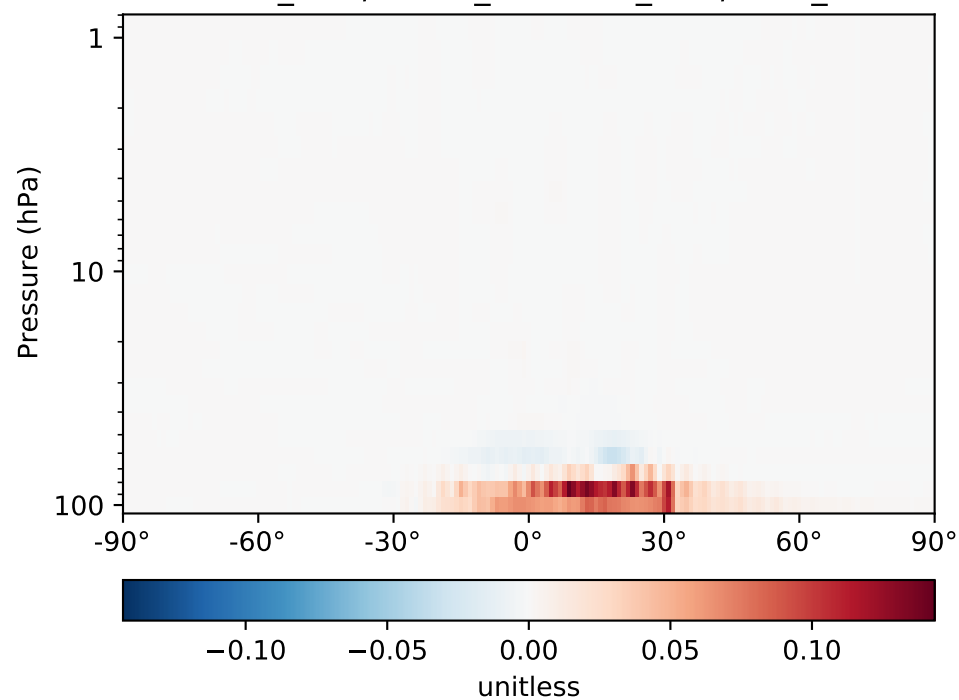
Difference (1x1.25)
Dev - Ref, Dynamic Range



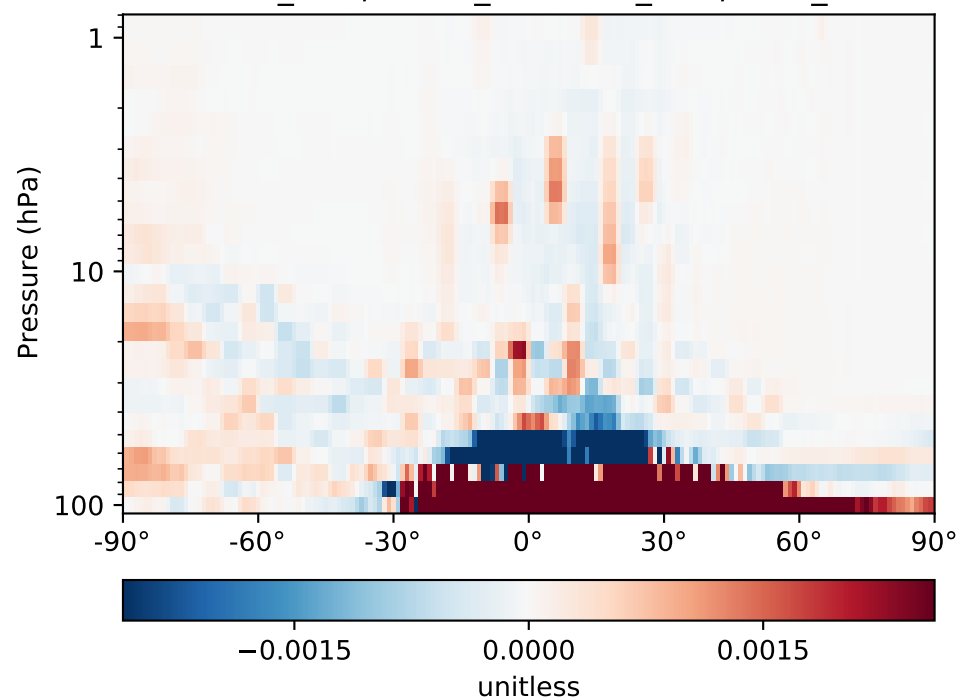
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

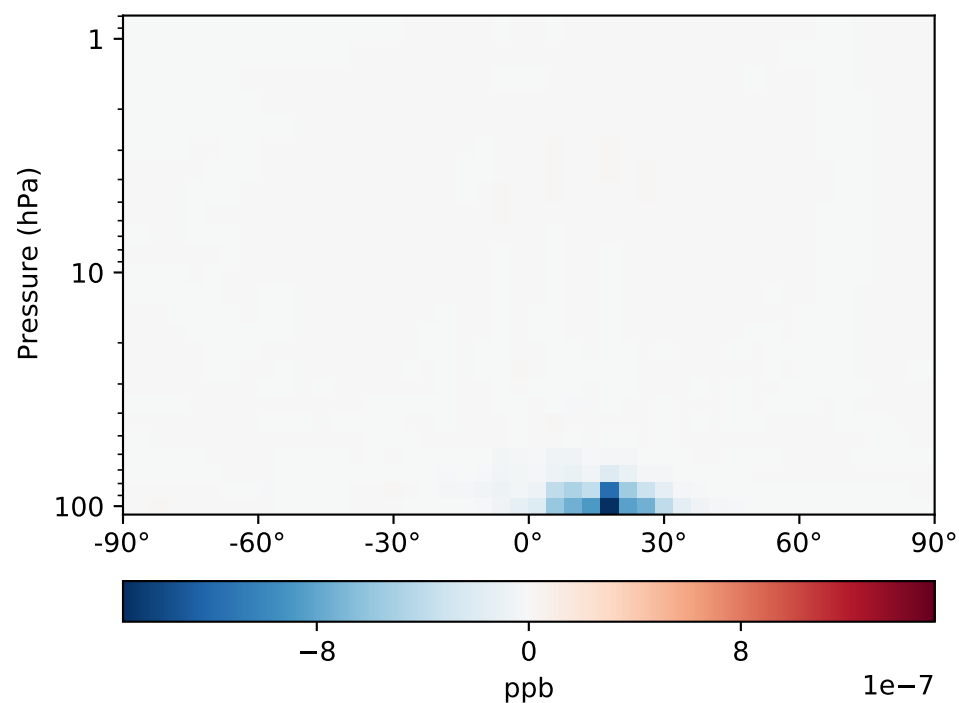


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

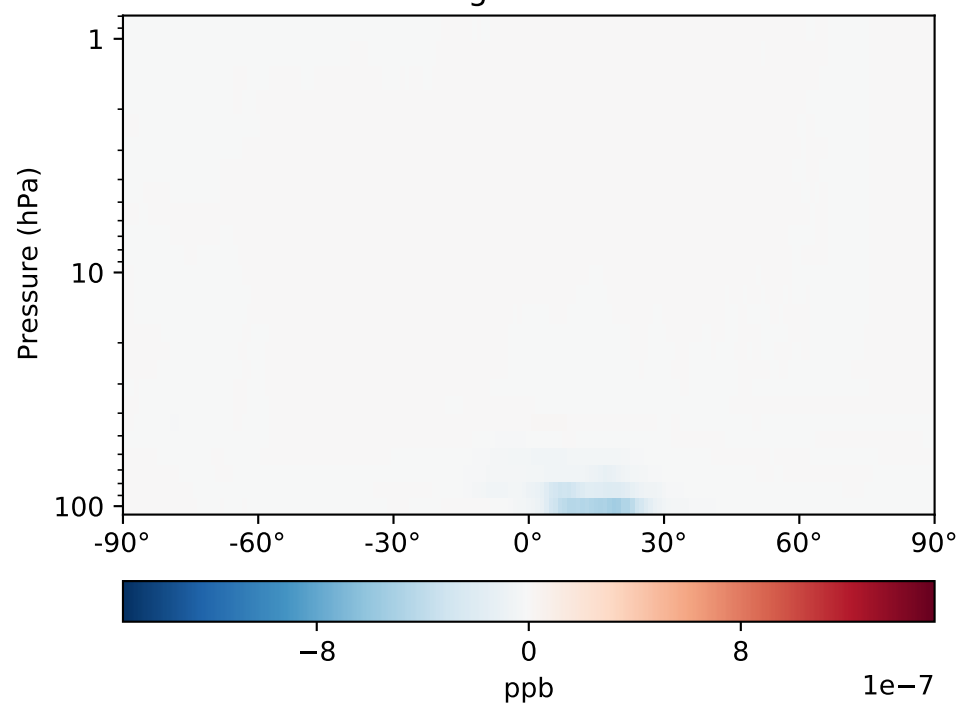


SpeciesConc_OIO, Zonal Mean

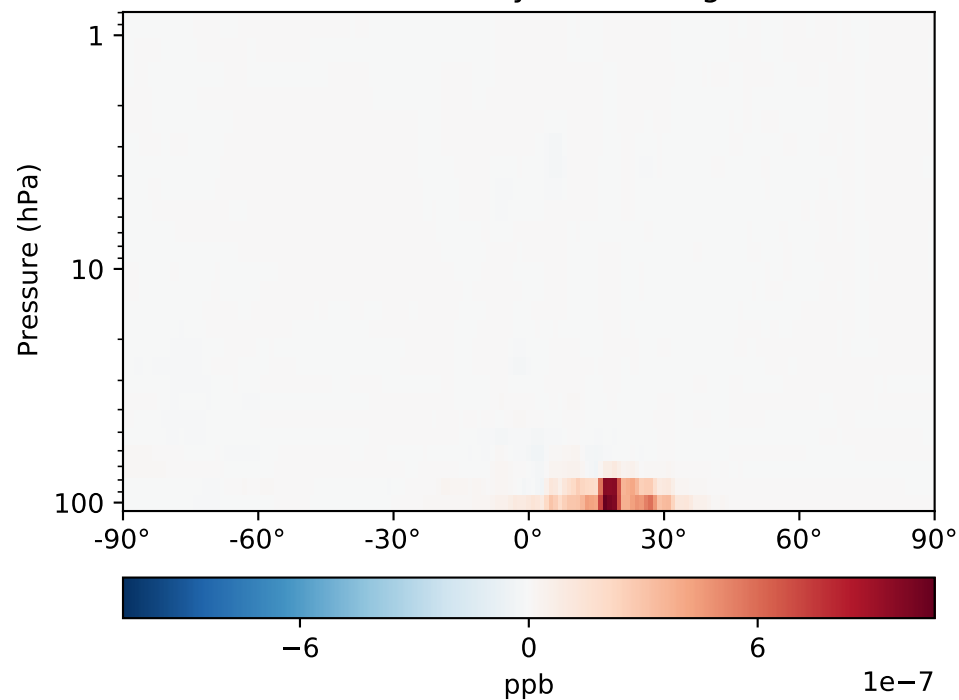
GCC_13.1.0-beta.1 - GCC_13.0.0-rc.2 (Ref)
4.0x5.0



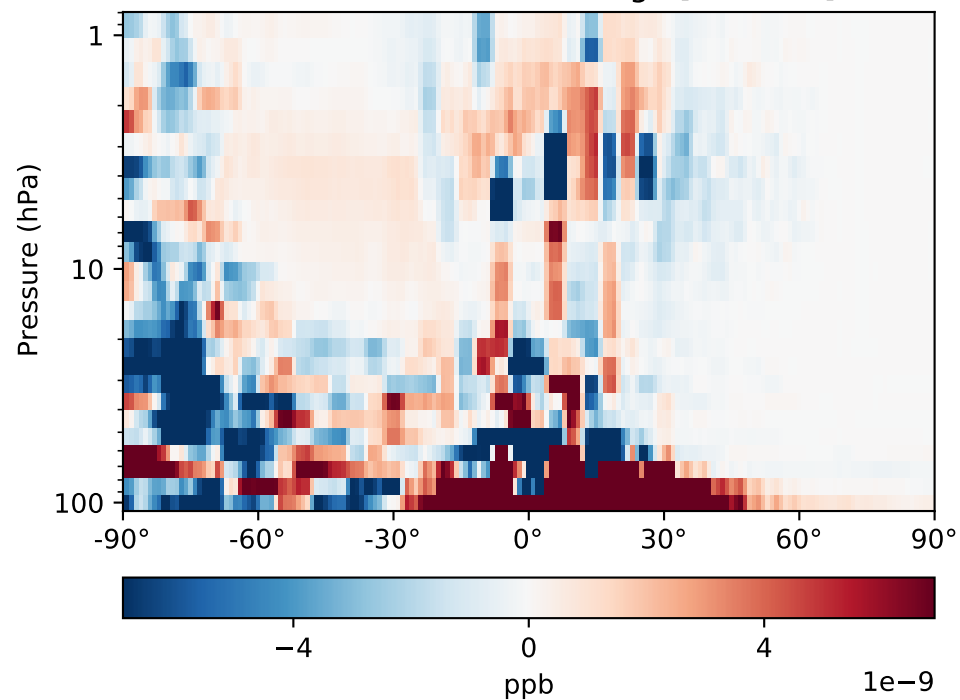
GCHP_13.1.0-beta.1 - GCHP_13.0.0-rc.2 (Dev)
1x1.25 regrided from c48



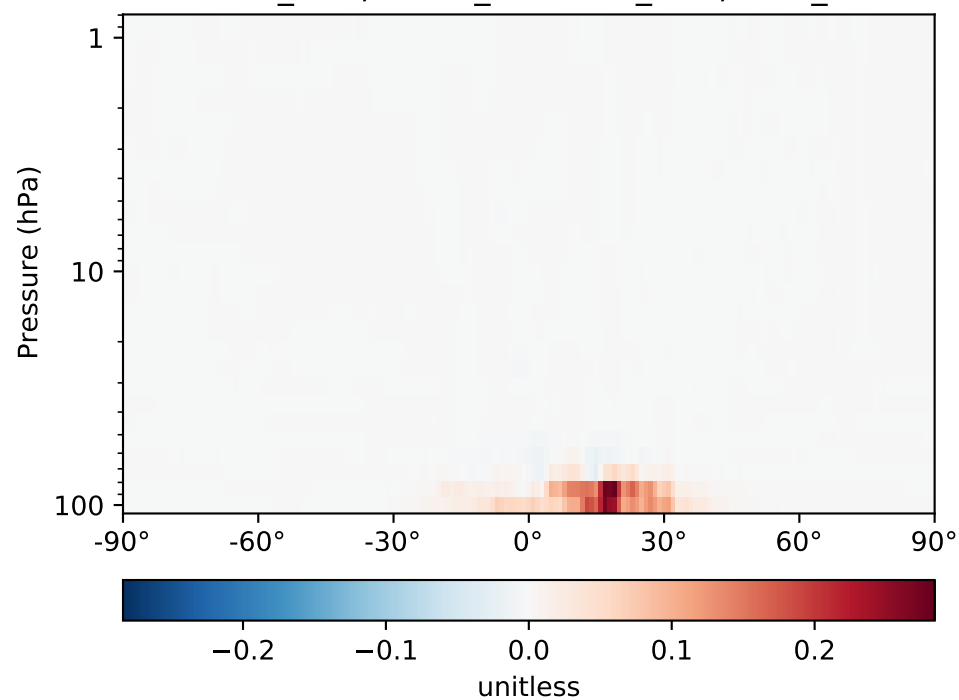
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

