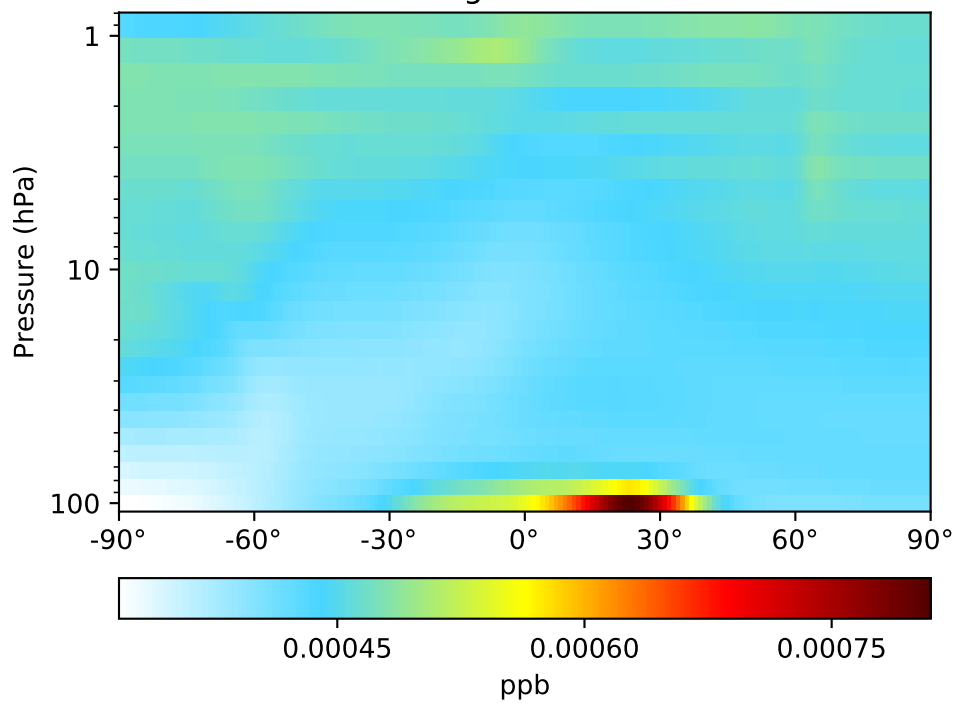
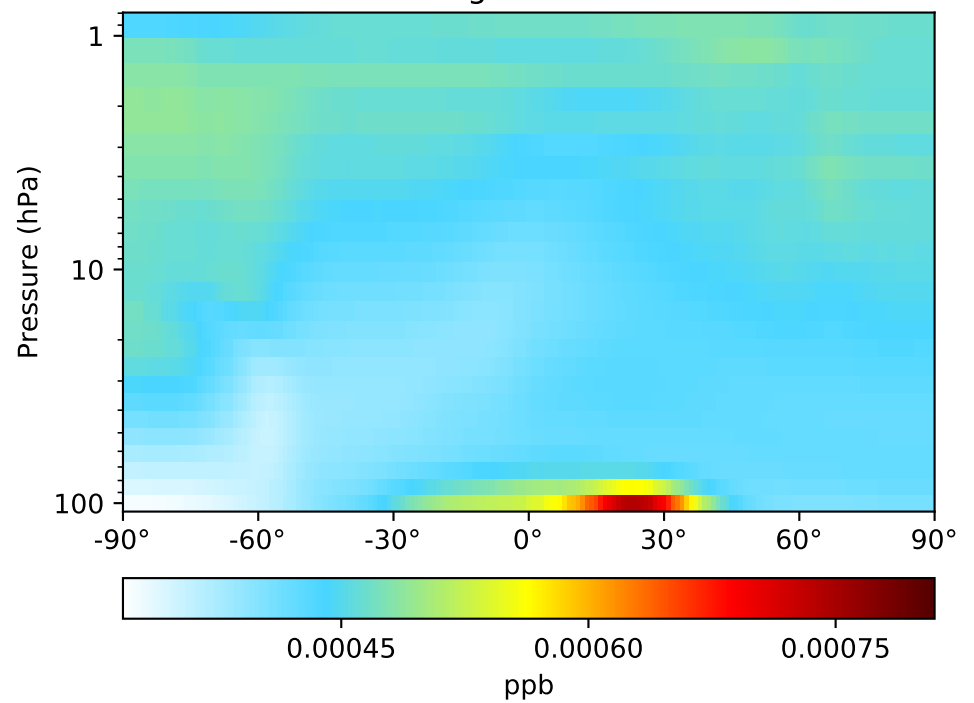


# SpeciesConc\_ly, Zonal Mean

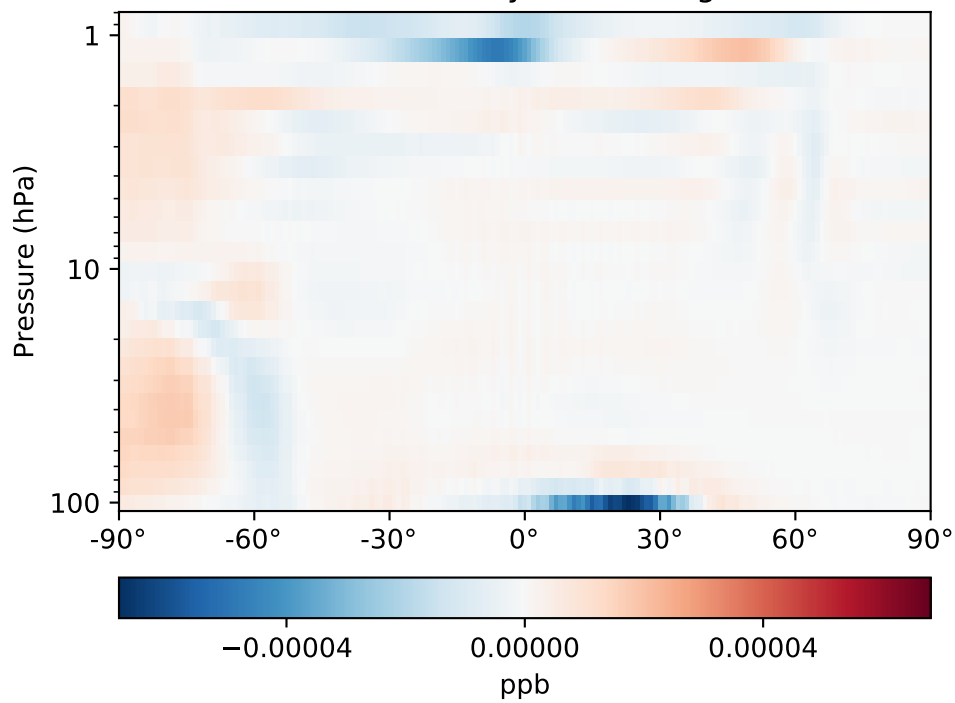
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



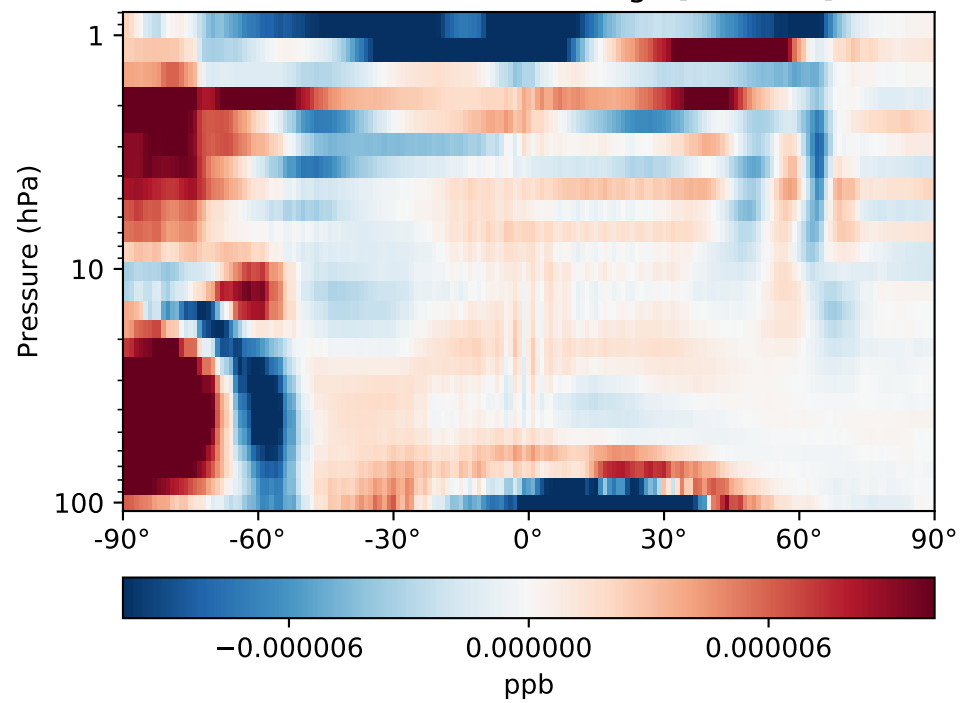
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



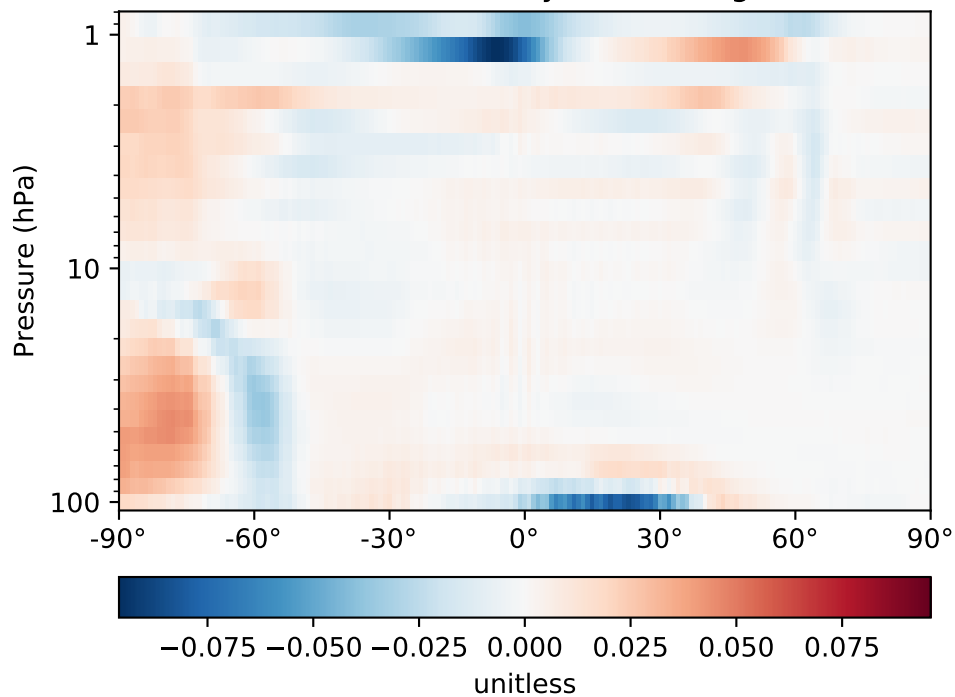
Difference (1x1.25)  
Dev - Ref, Dynamic Range



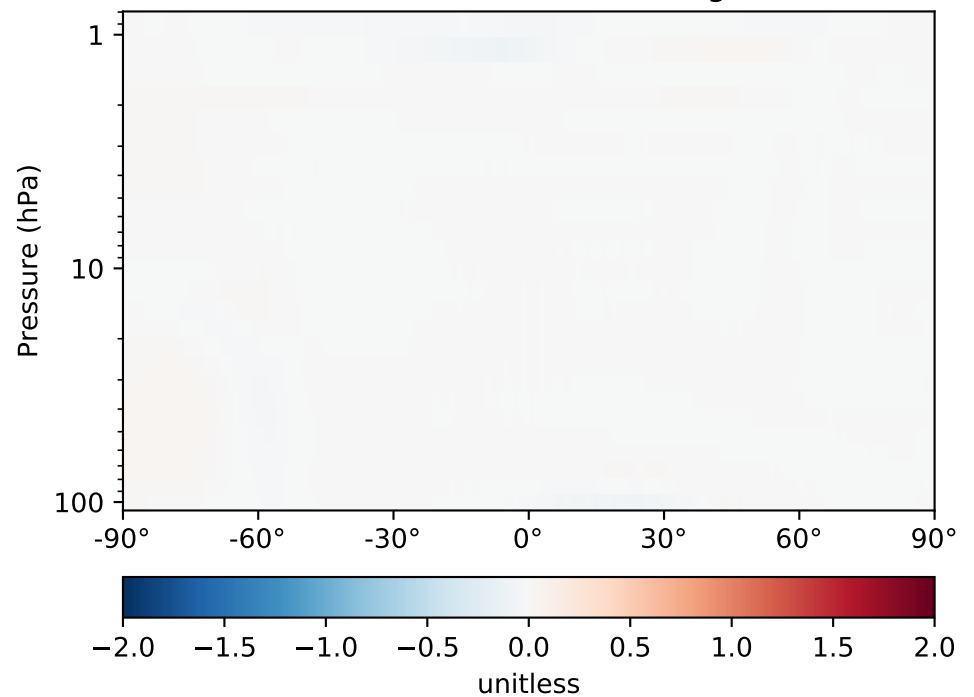
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



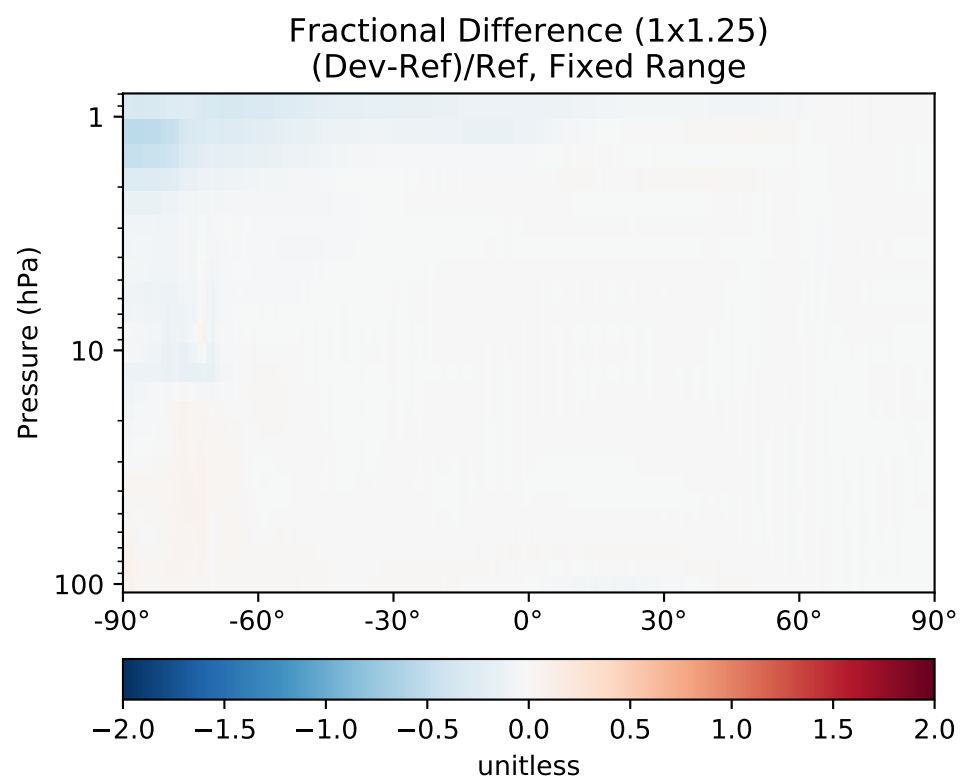
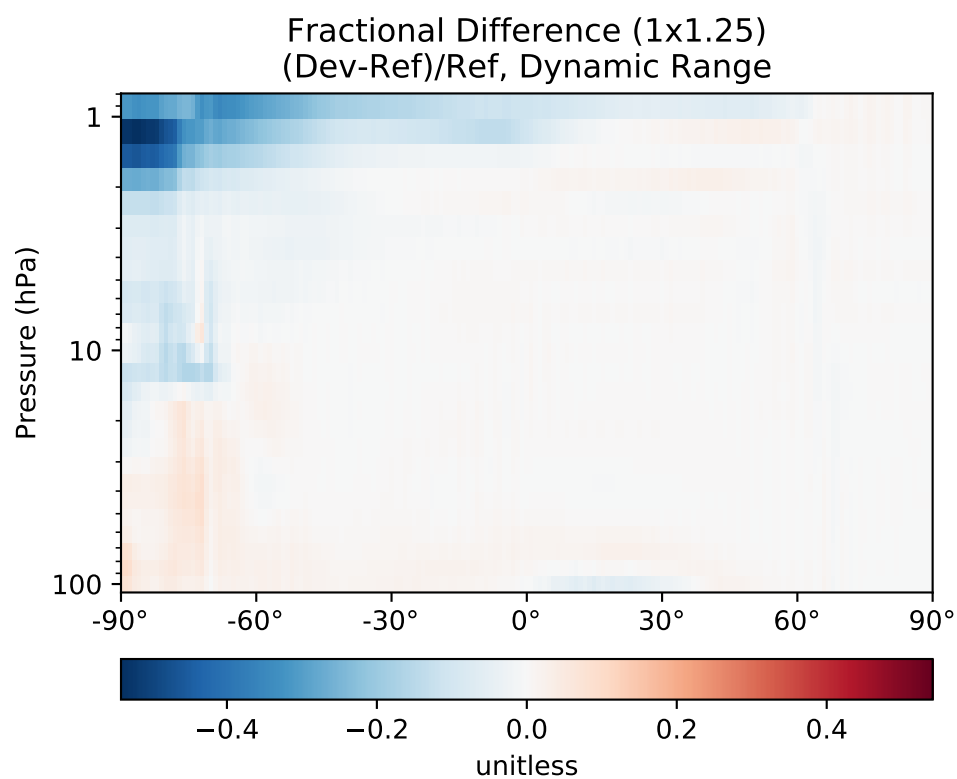
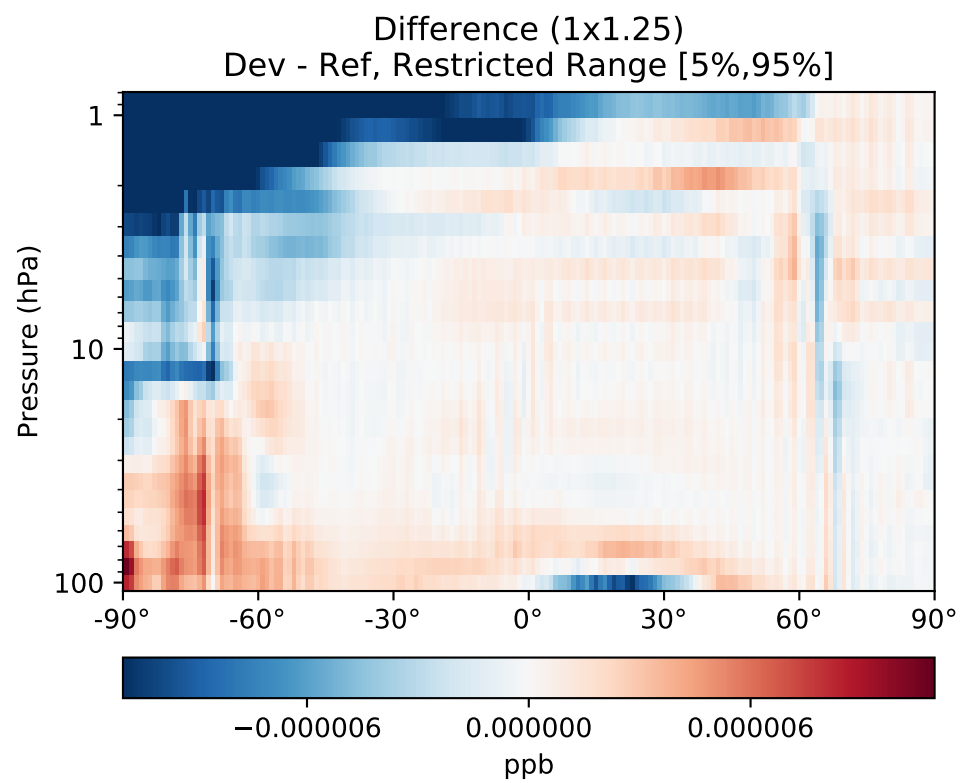
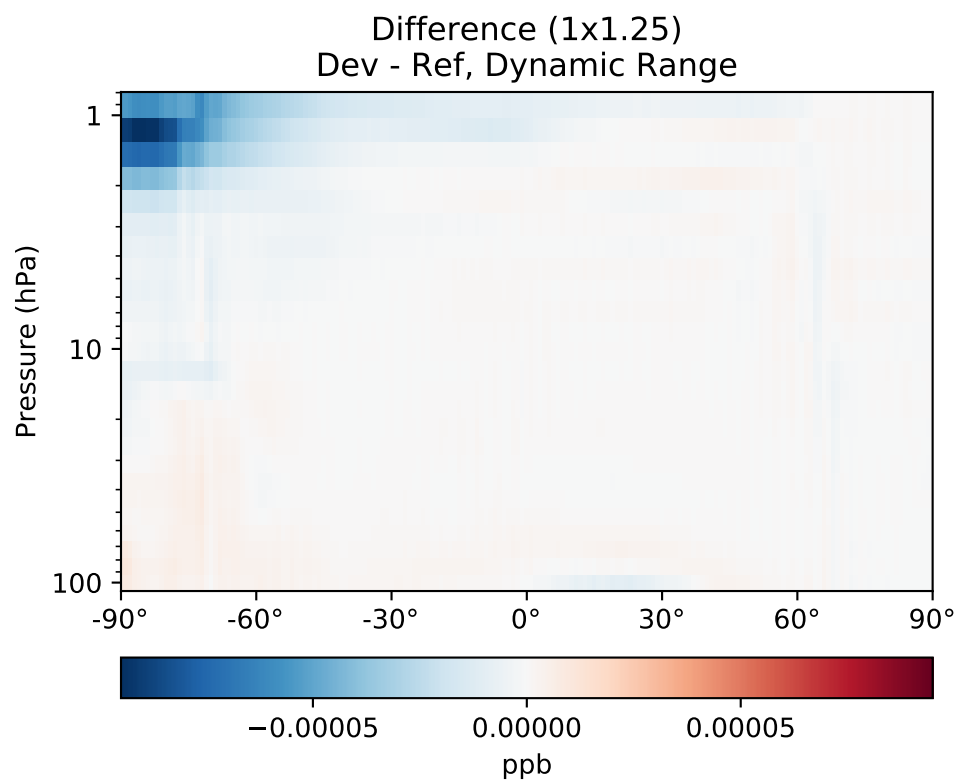
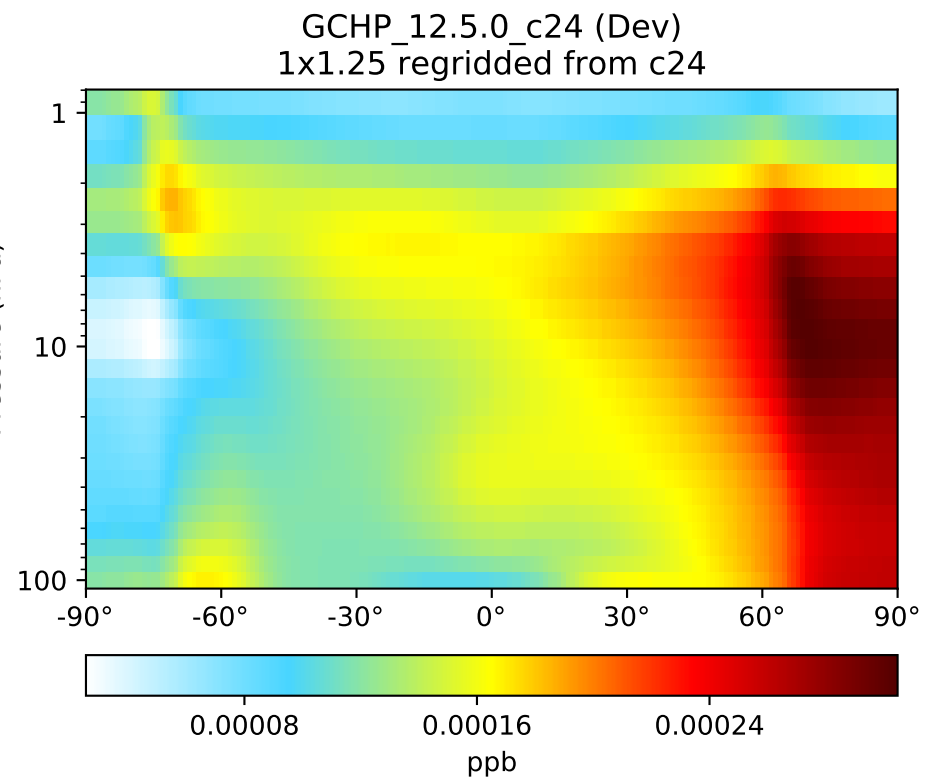
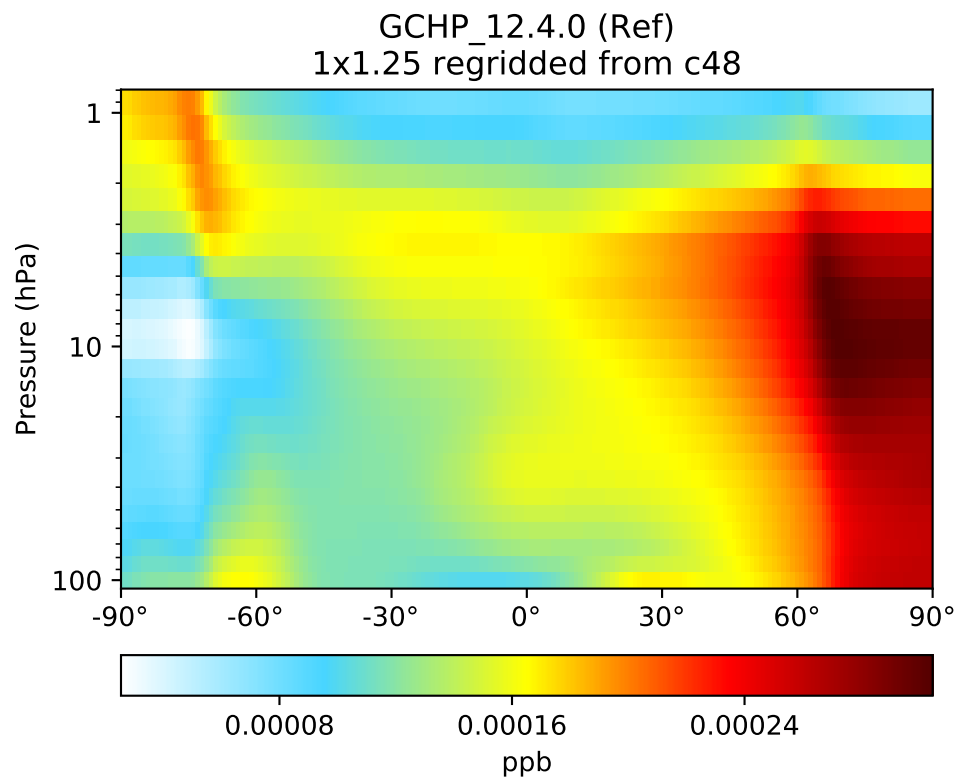
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



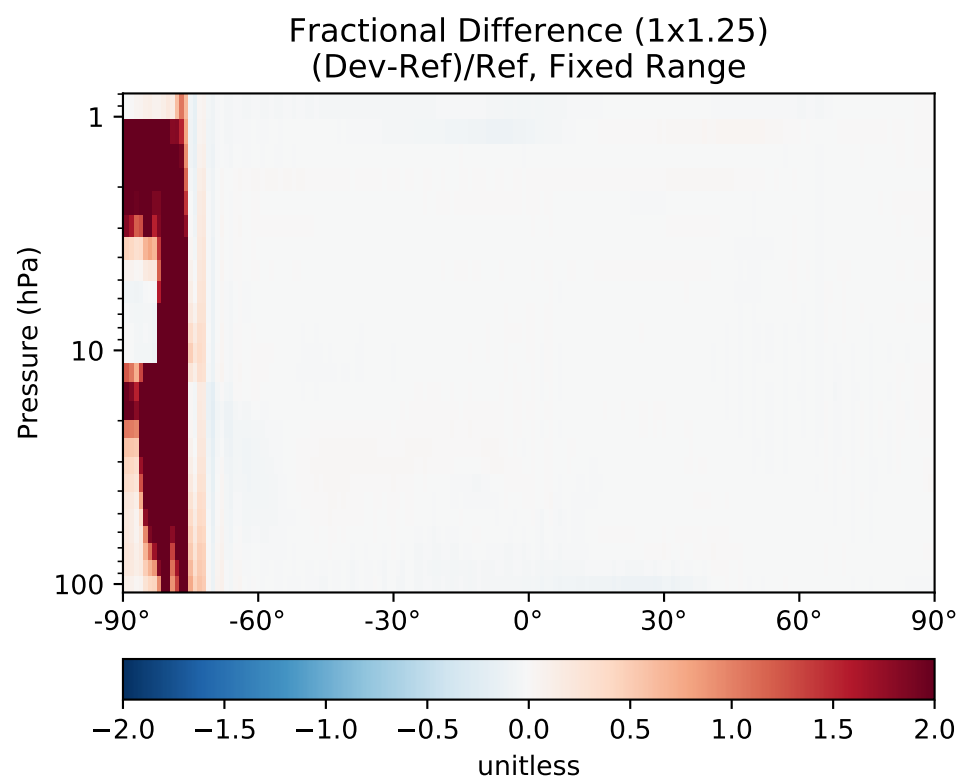
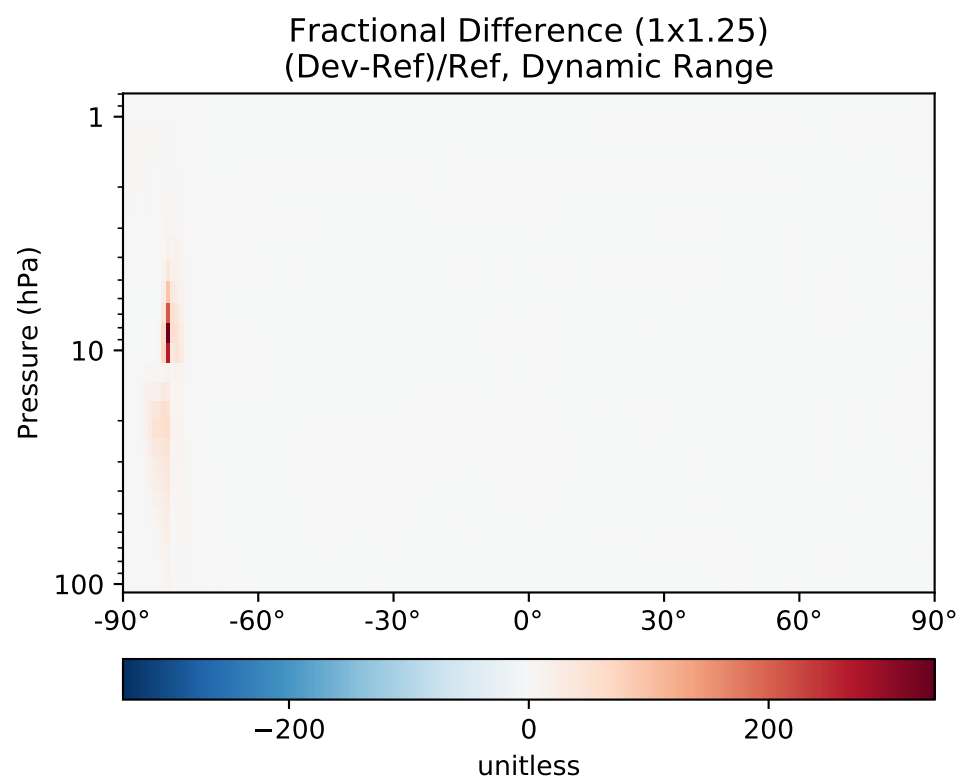
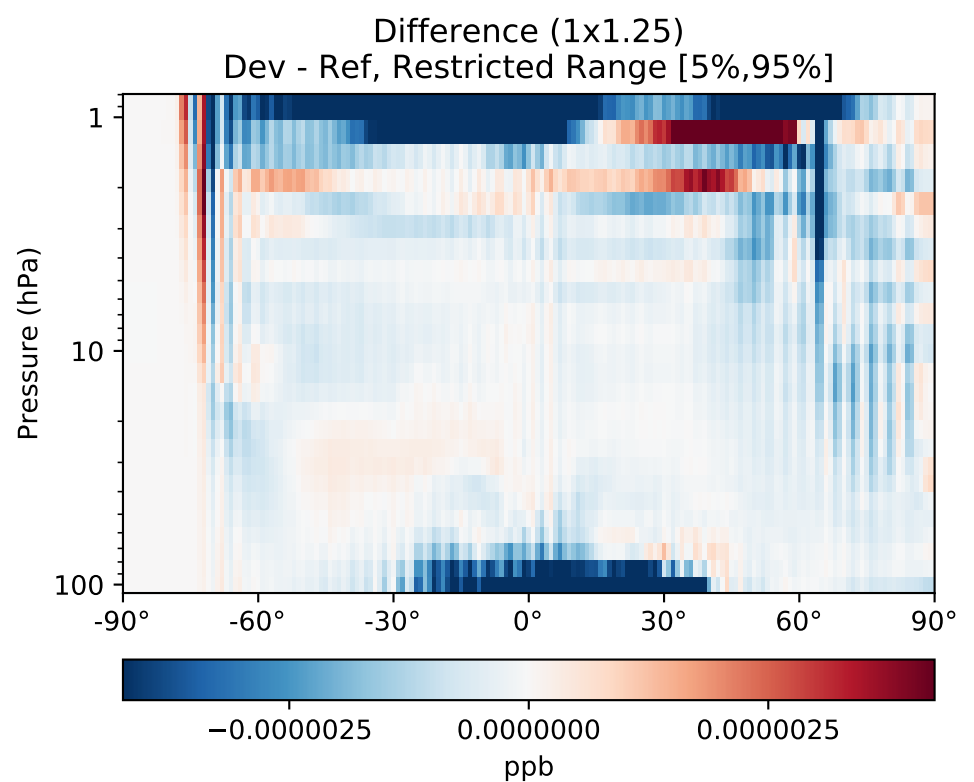
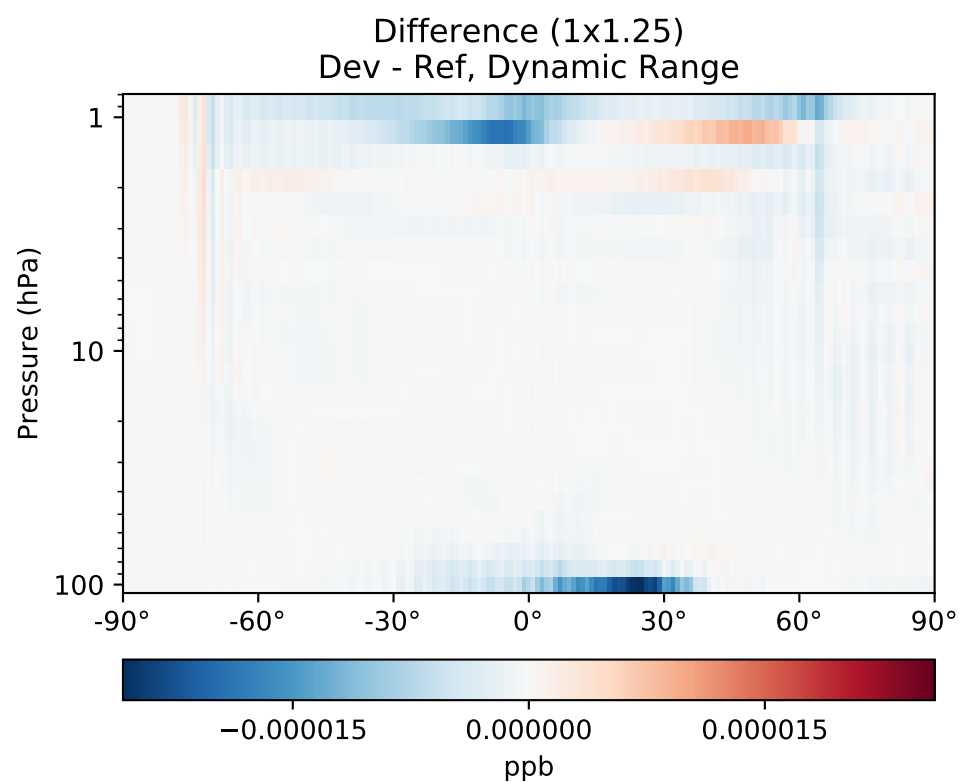
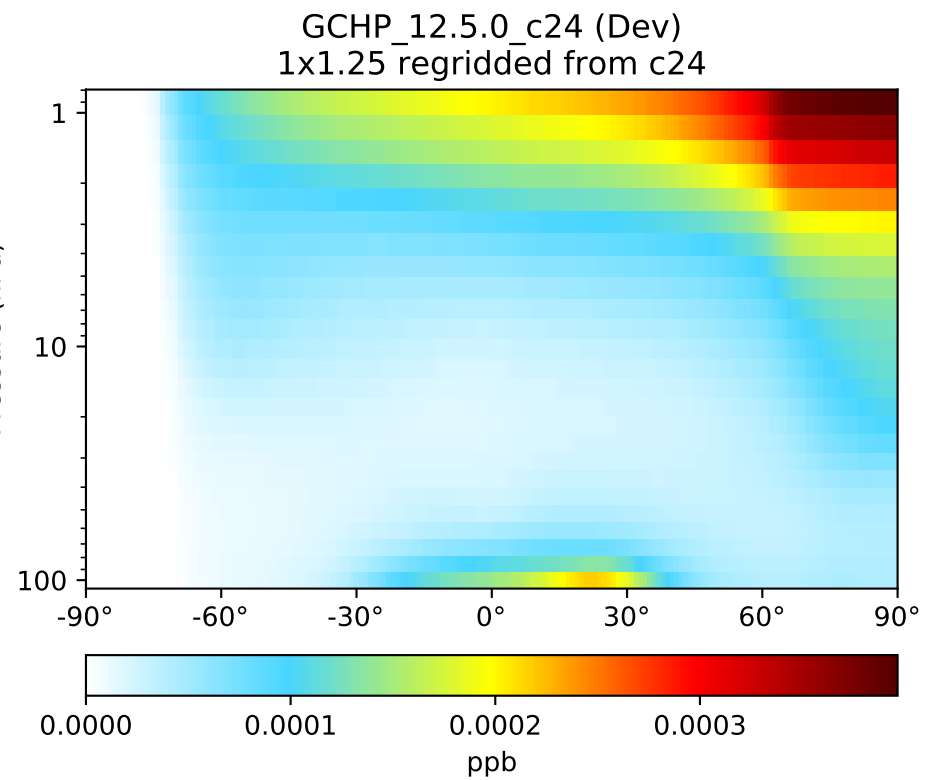
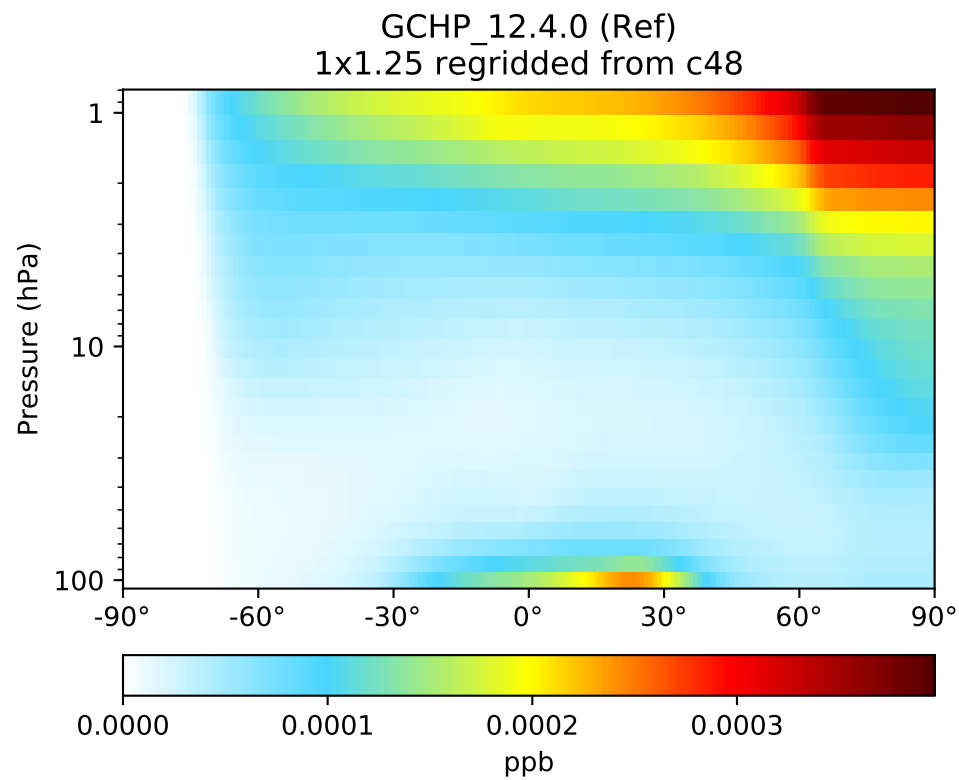
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



# SpeciesConc\_IxOy, Zonal Mean

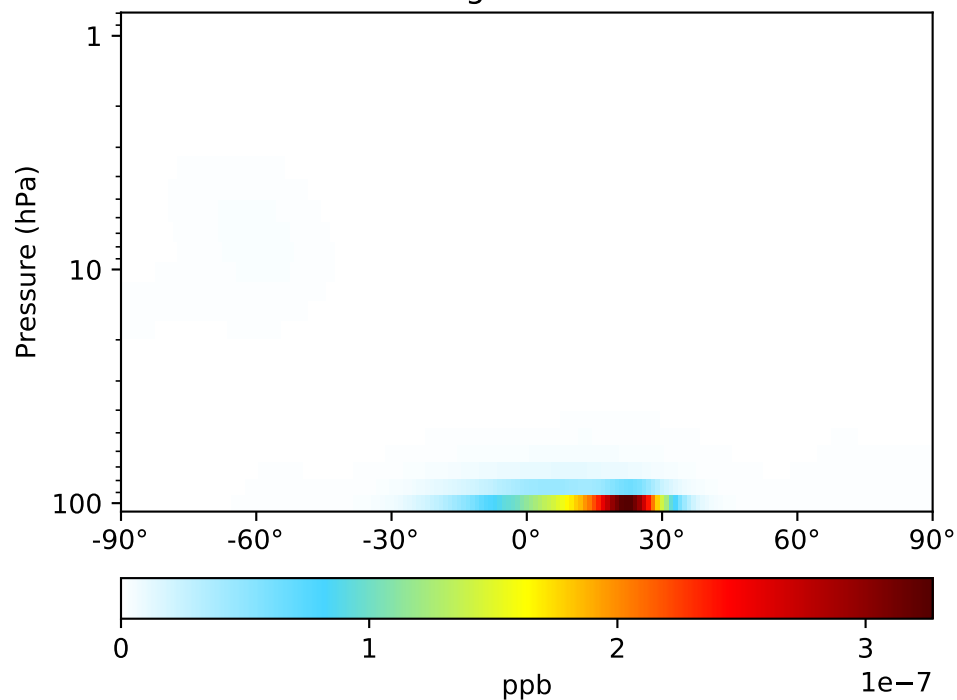


# SpeciesConc\_I, Zonal Mean

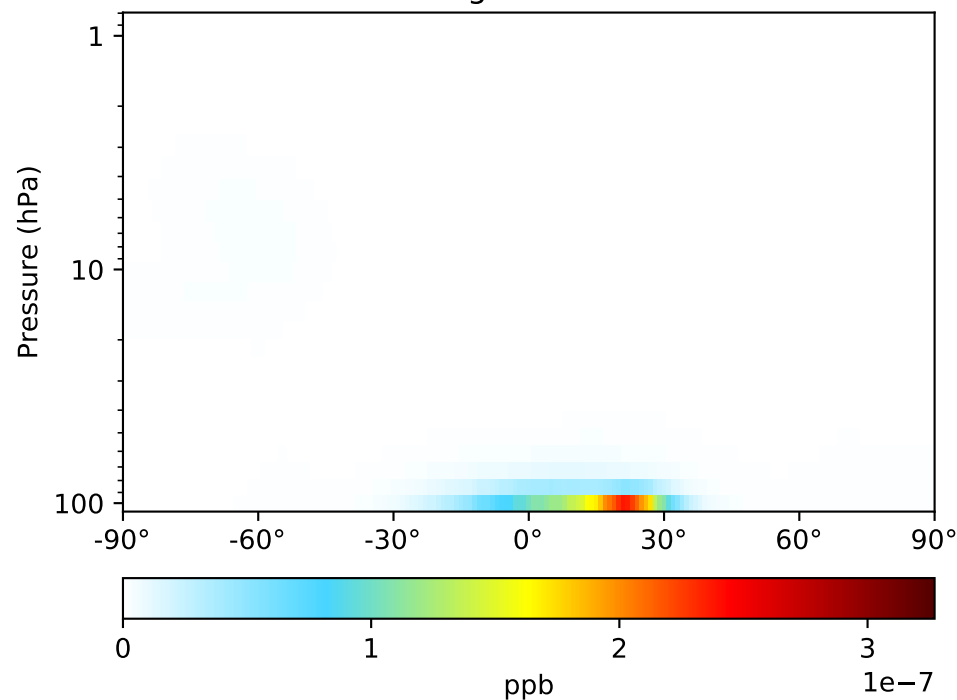


# SpeciesConc\_I2, Zonal Mean

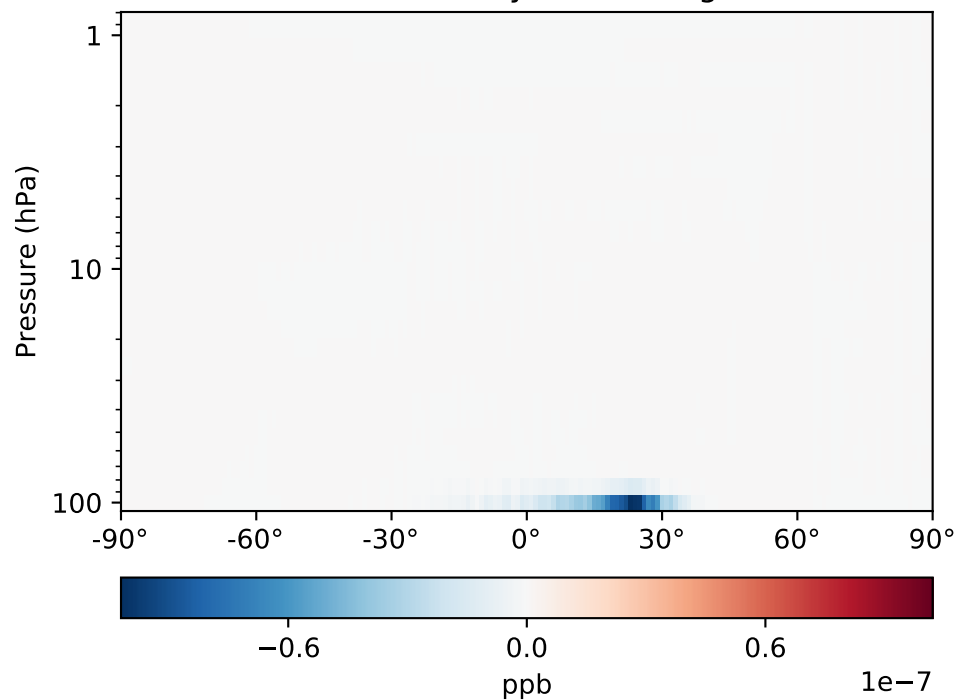
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



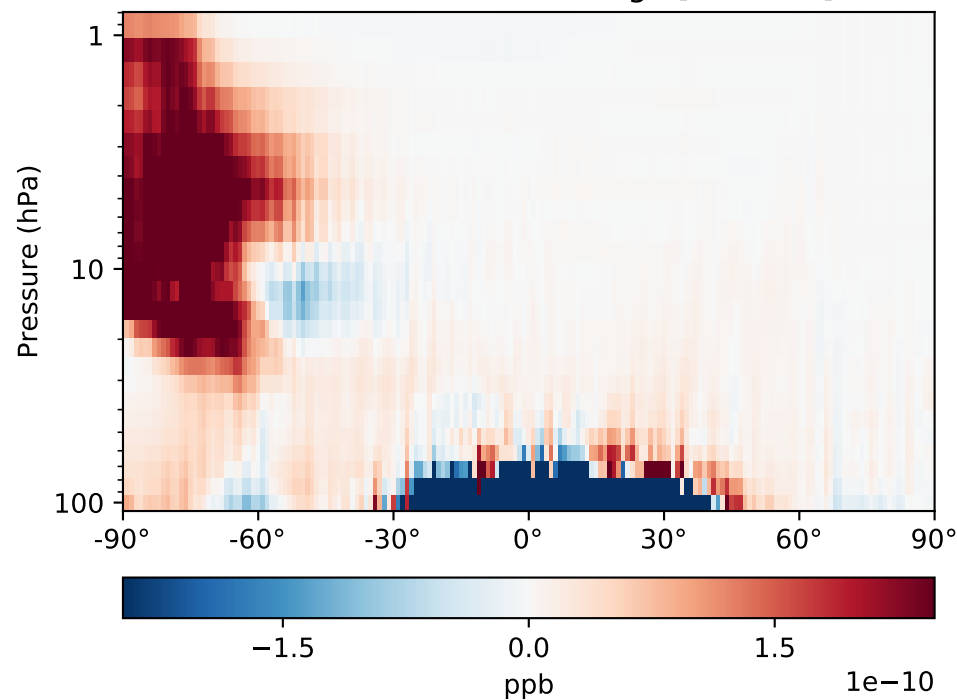
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



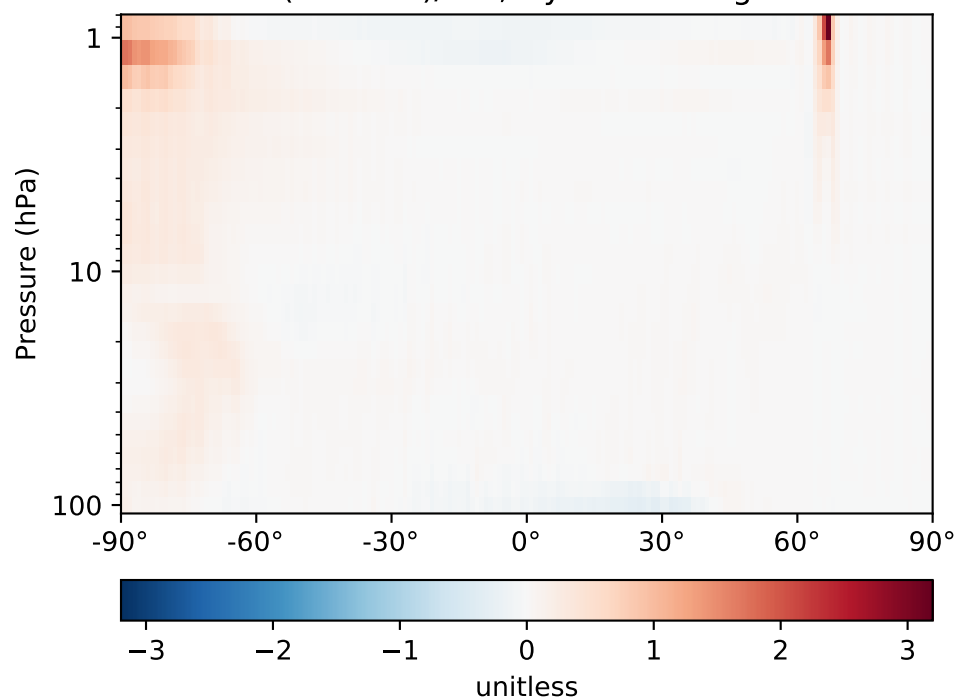
Difference (1x1.25)  
Dev - Ref, Dynamic Range



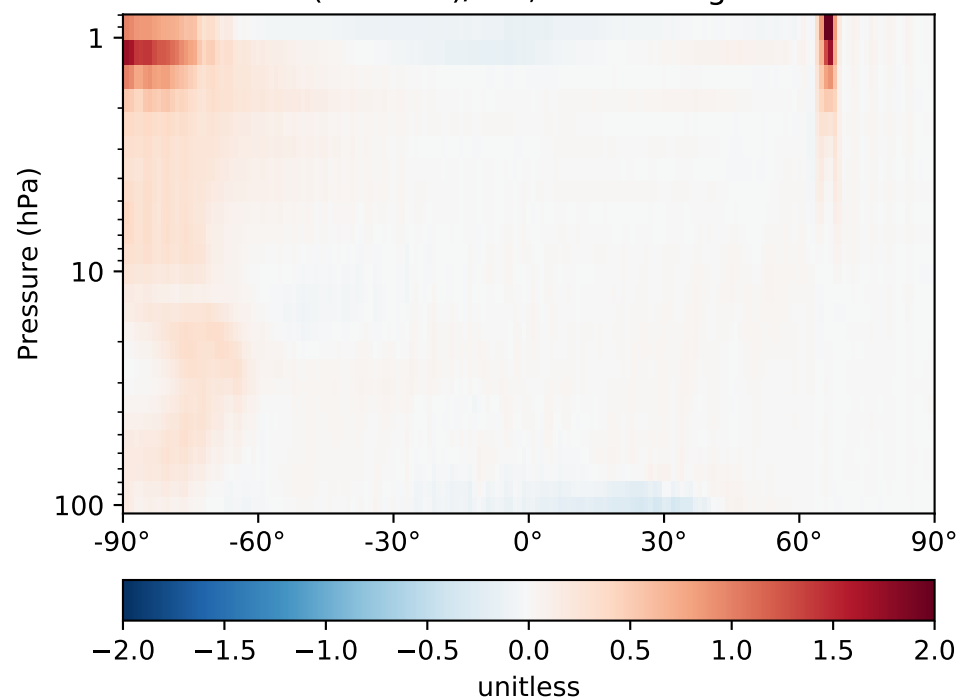
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



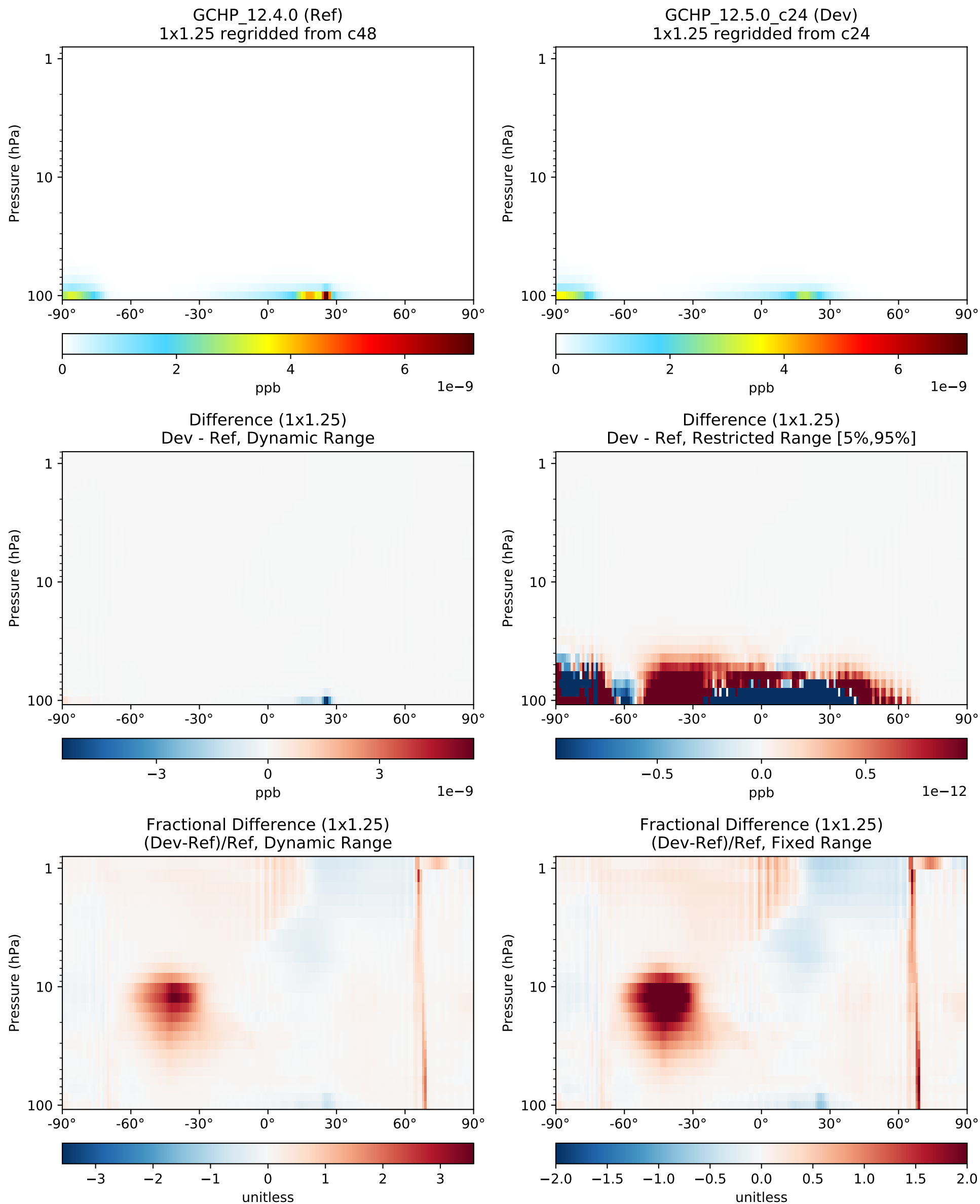
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

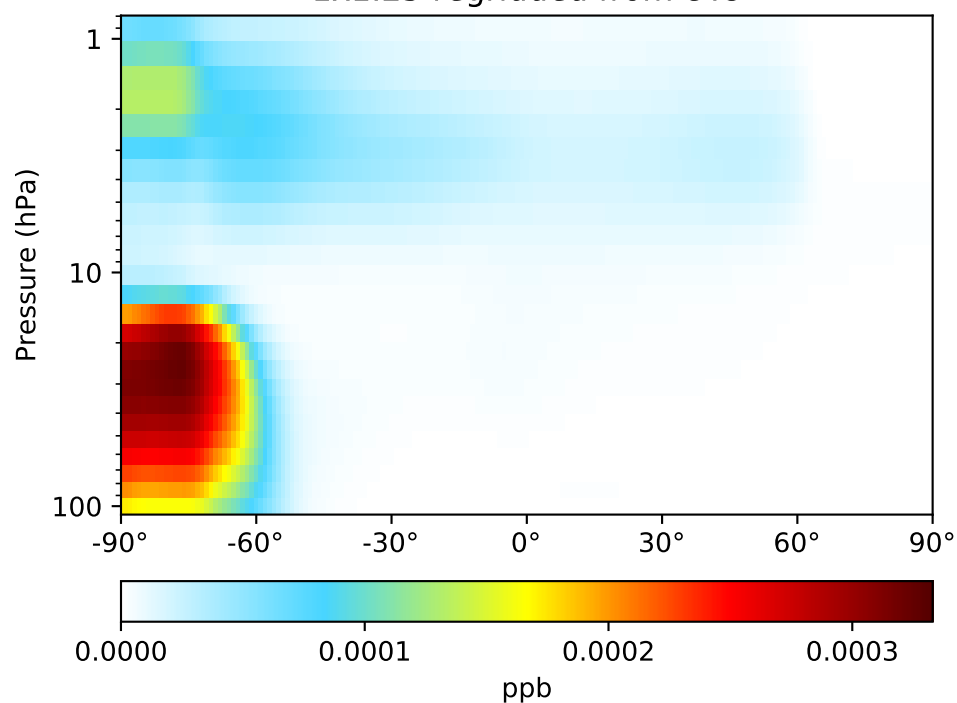


# SpeciesConc\_IBr, Zonal Mean

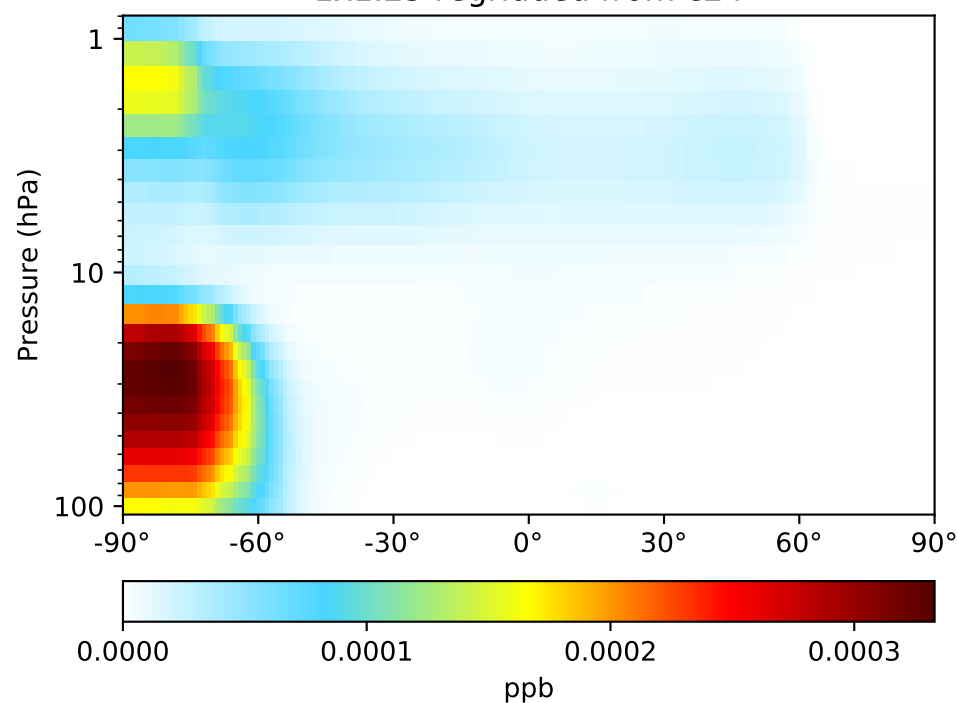


# SpeciesConc\_ICI, Zonal Mean

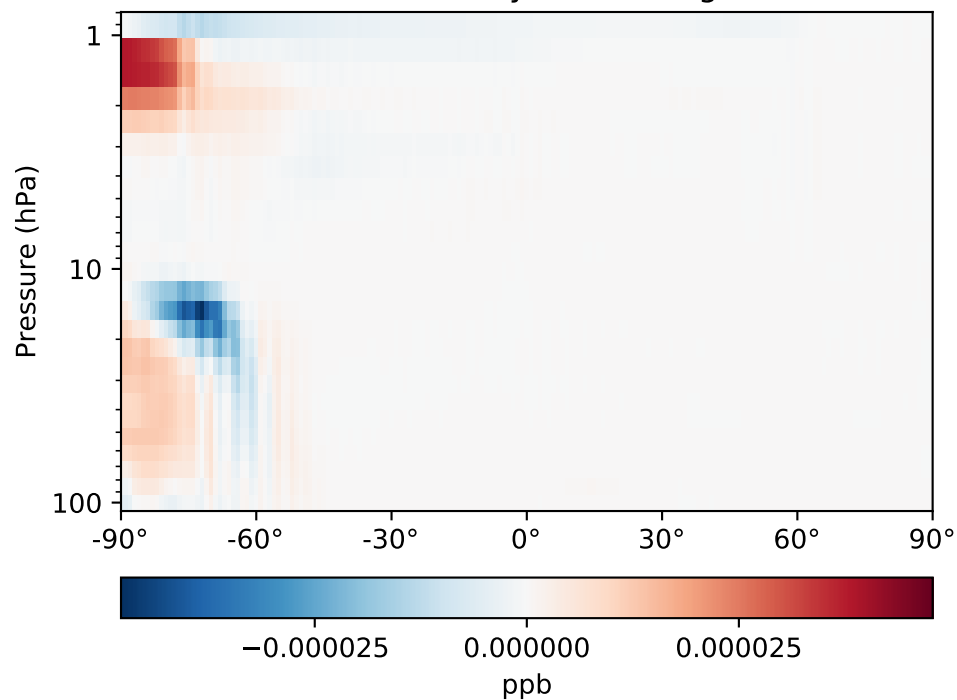
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



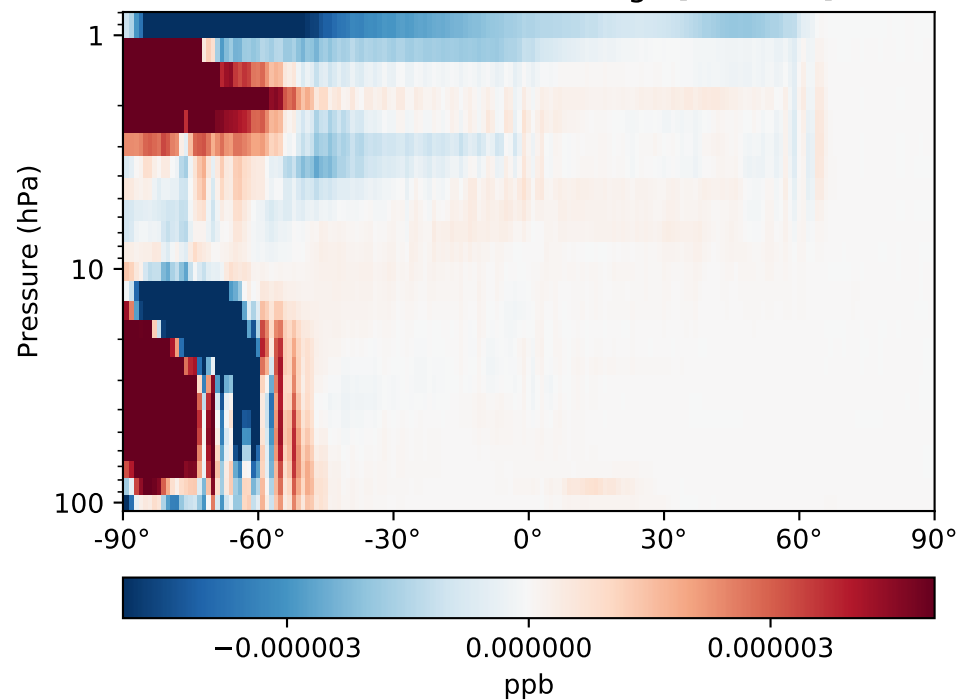
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



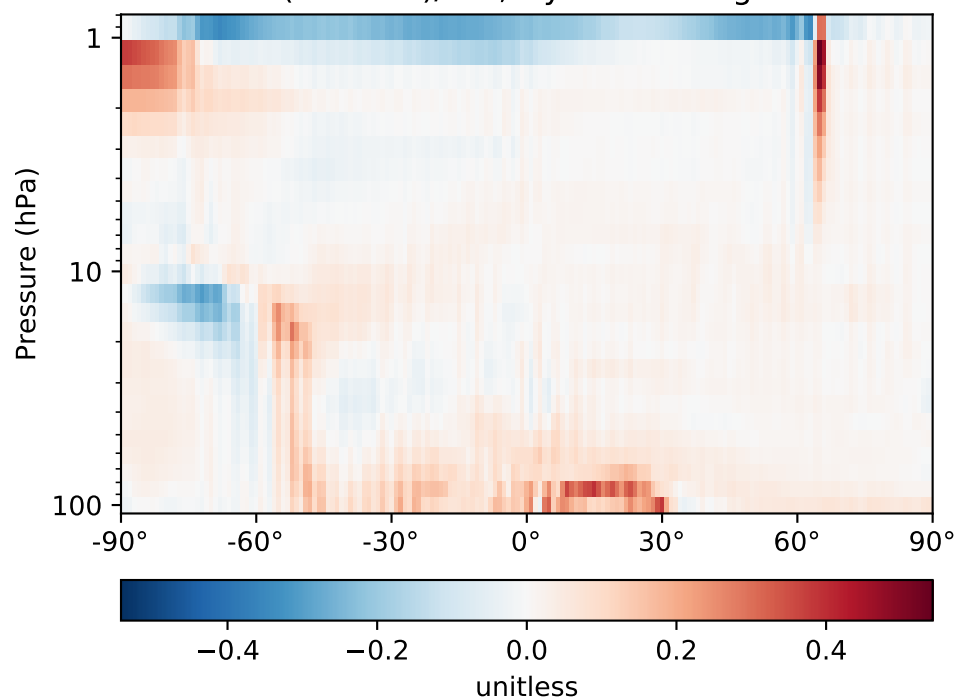
Difference (1x1.25)  
Dev - Ref, Dynamic Range



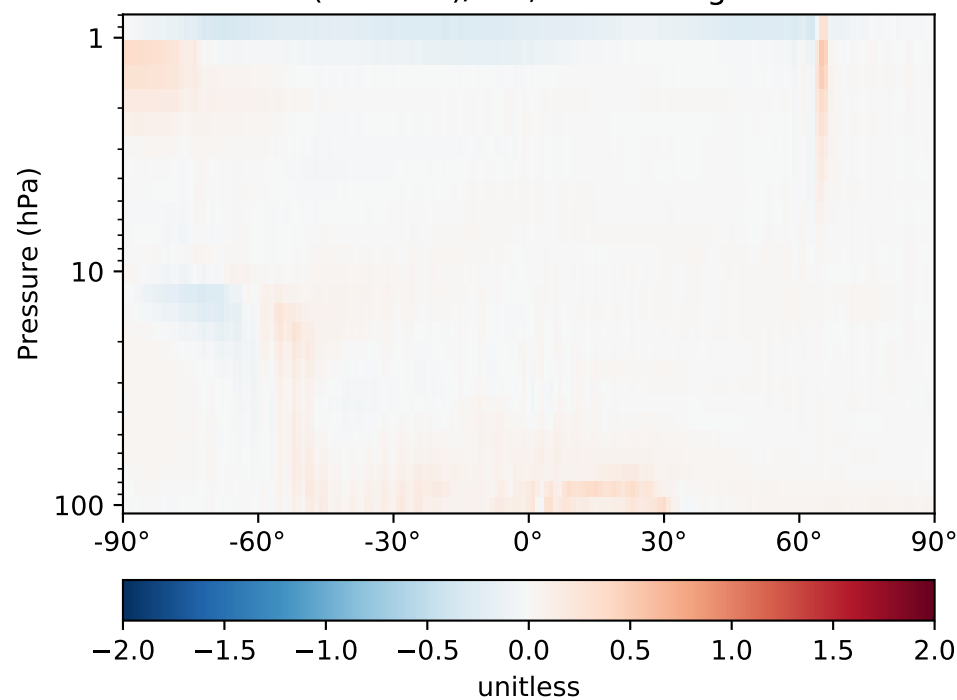
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

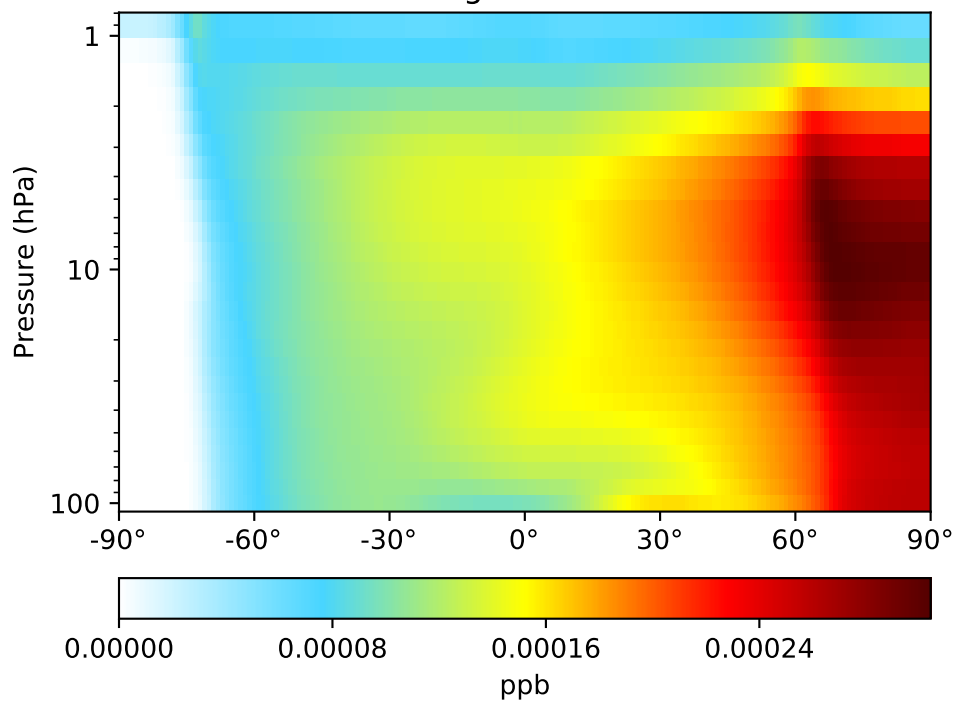


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

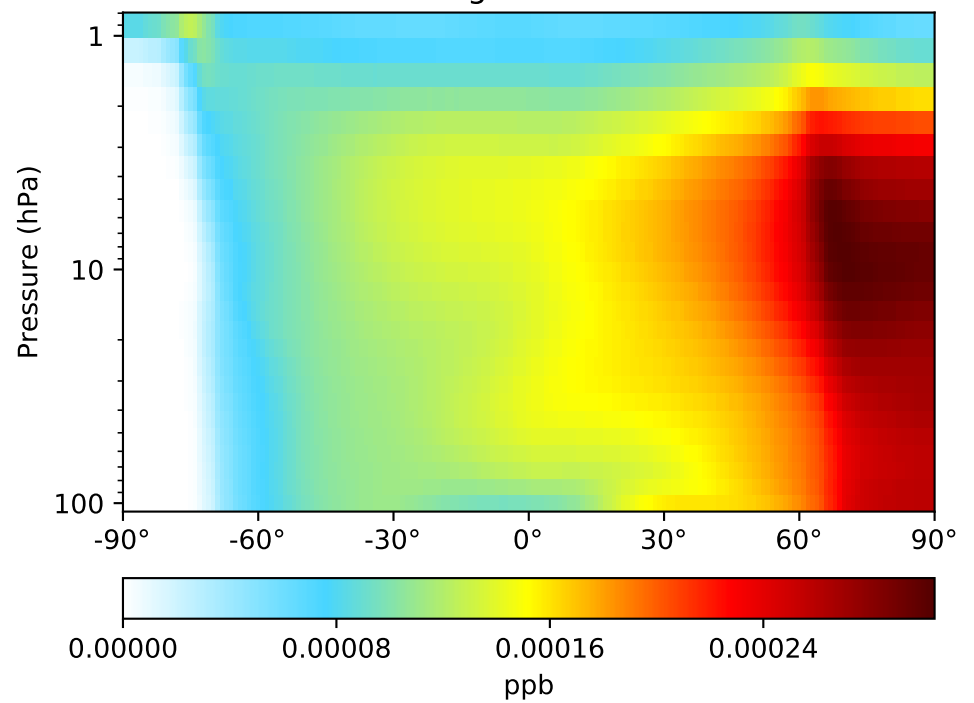


# SpeciesConc\_IO, Zonal Mean

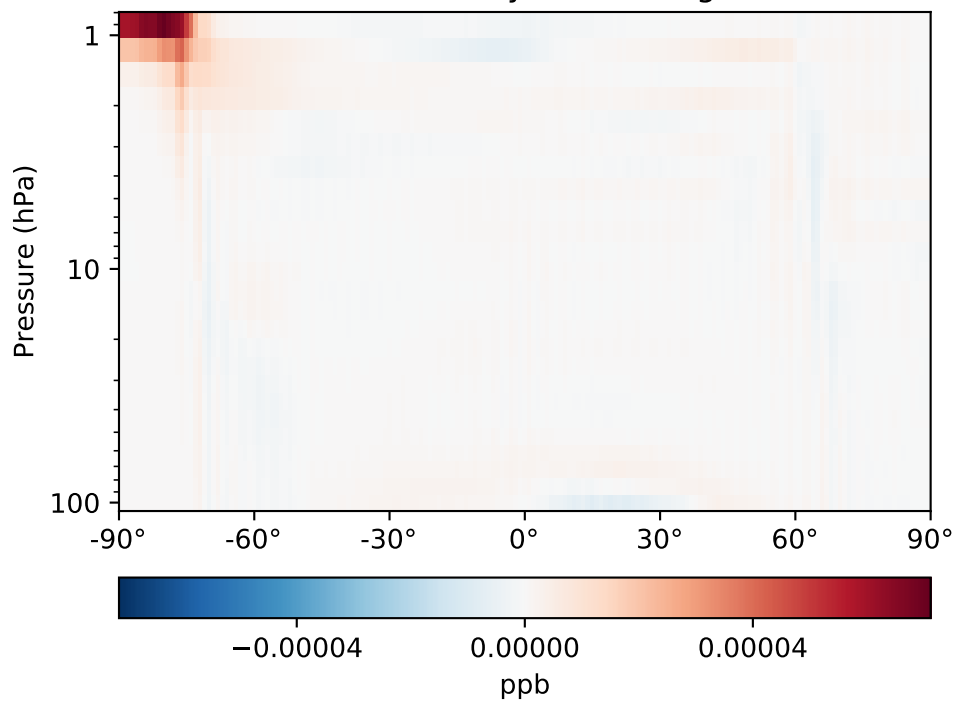
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



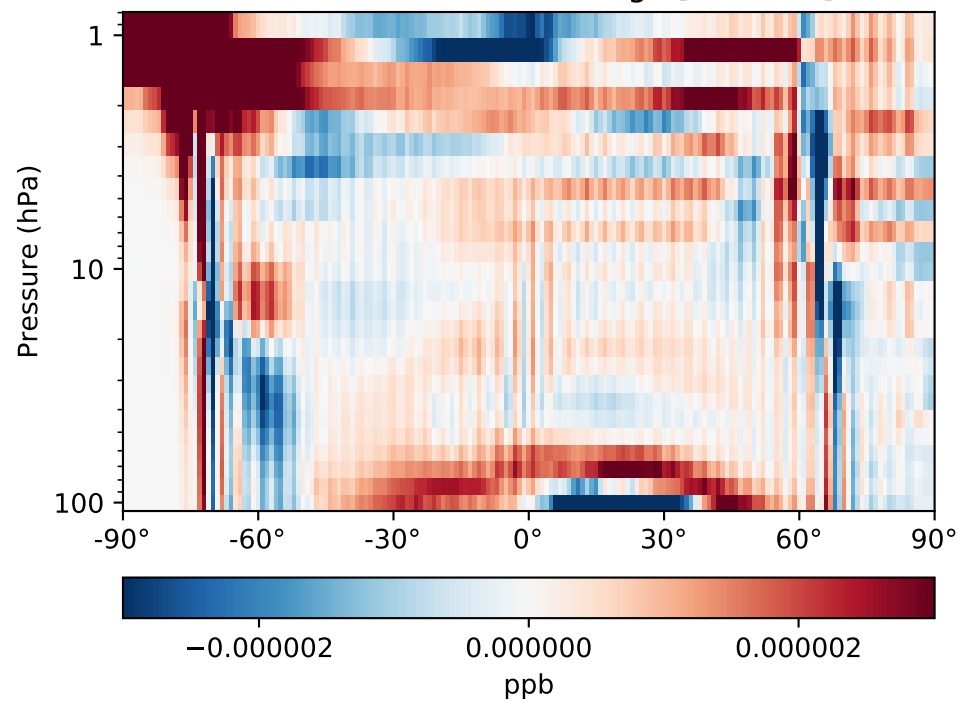
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



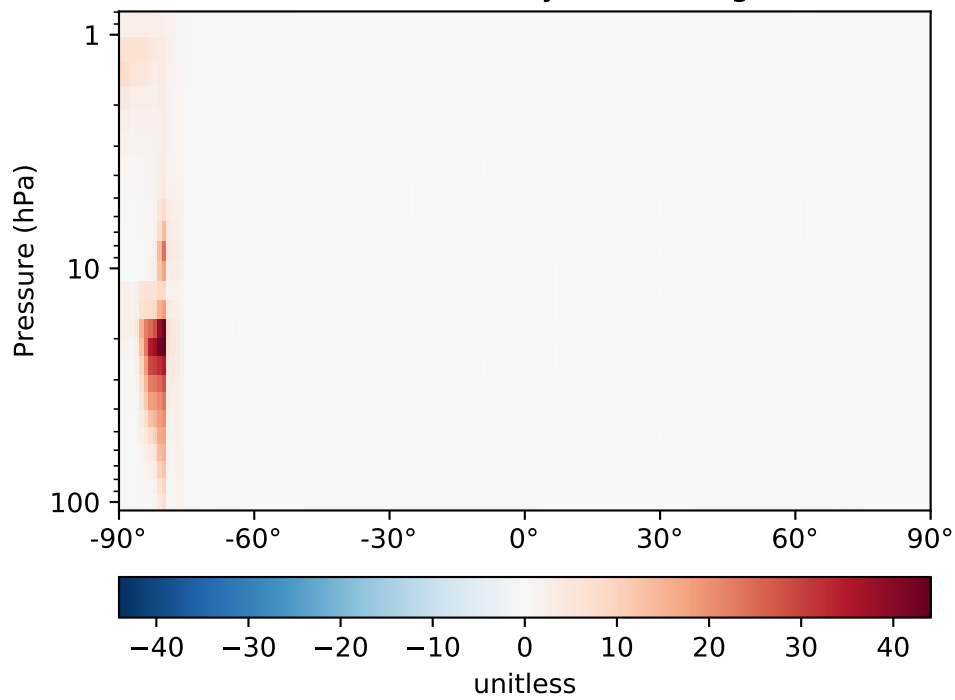
Difference (1x1.25)  
Dev - Ref, Dynamic Range



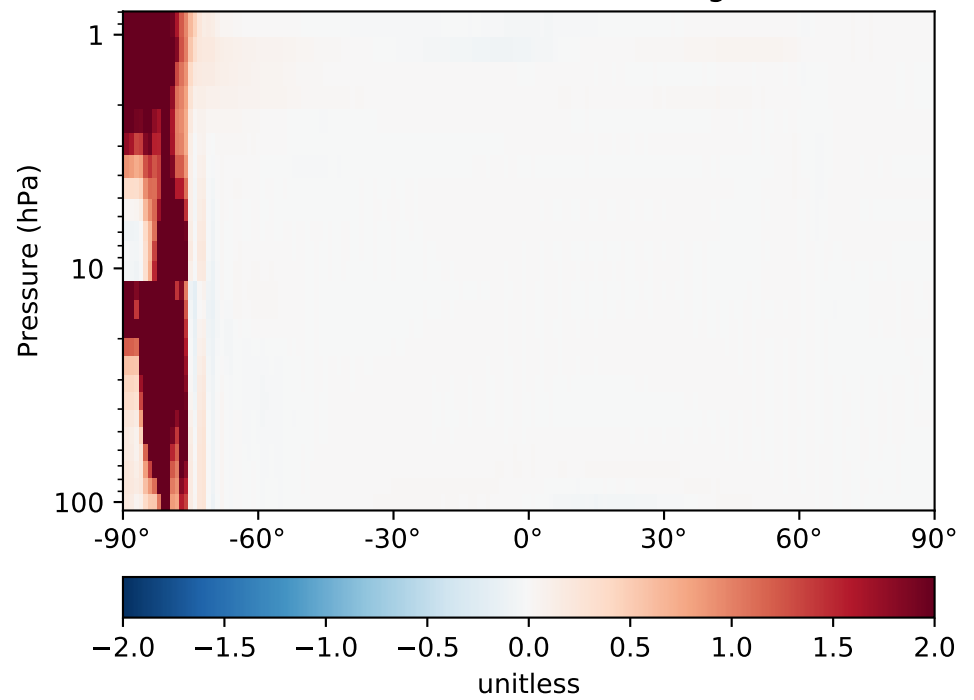
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

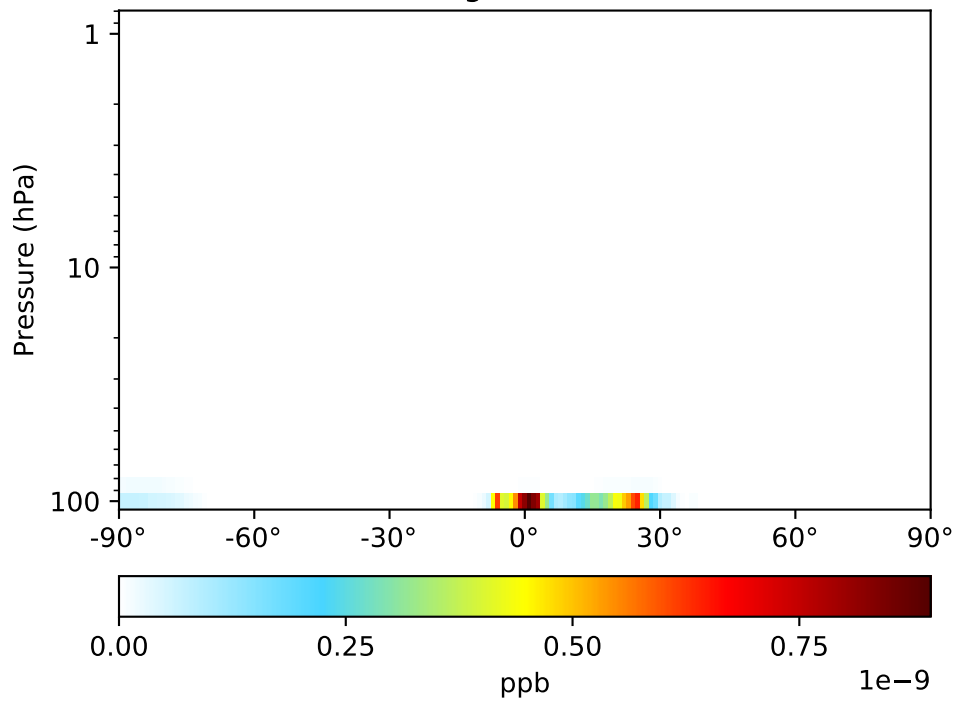


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

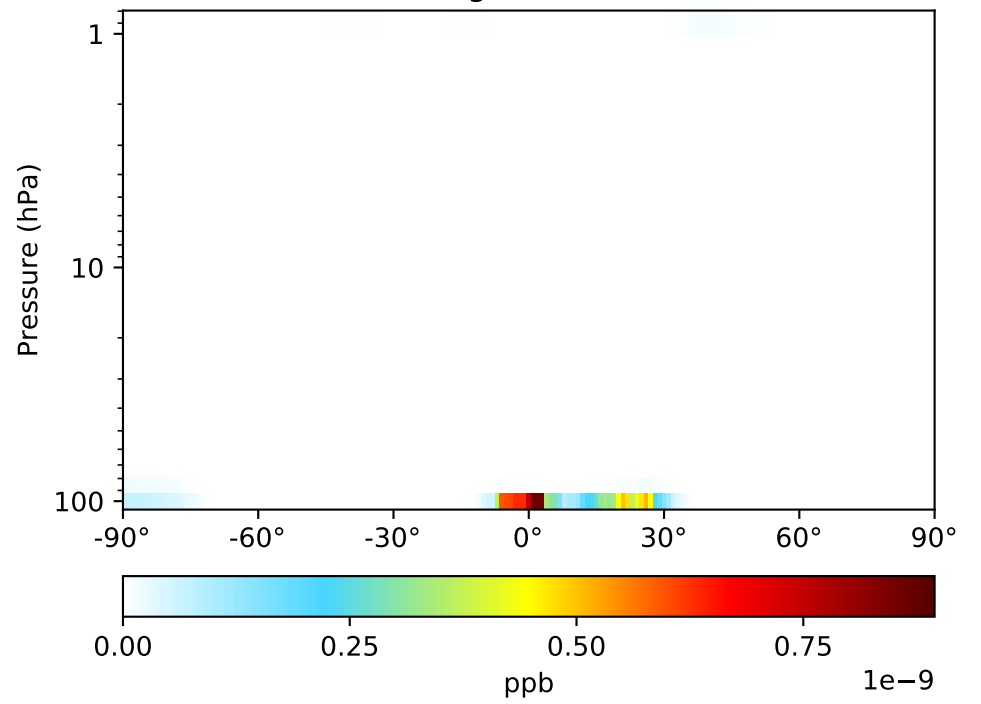


# SpeciesConc\_INO2, Zonal Mean

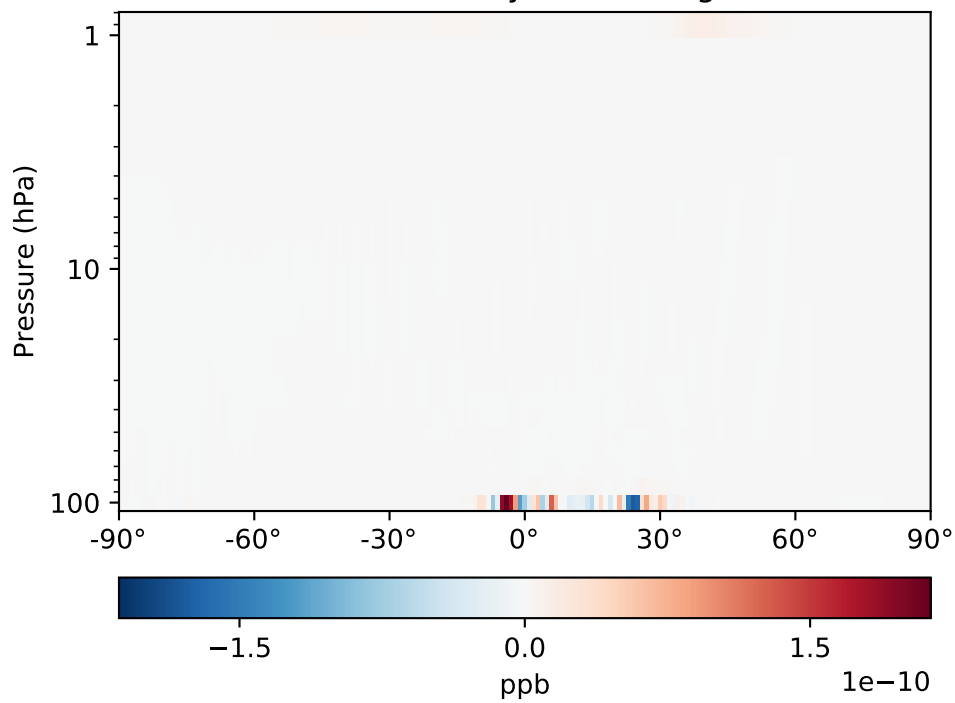
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



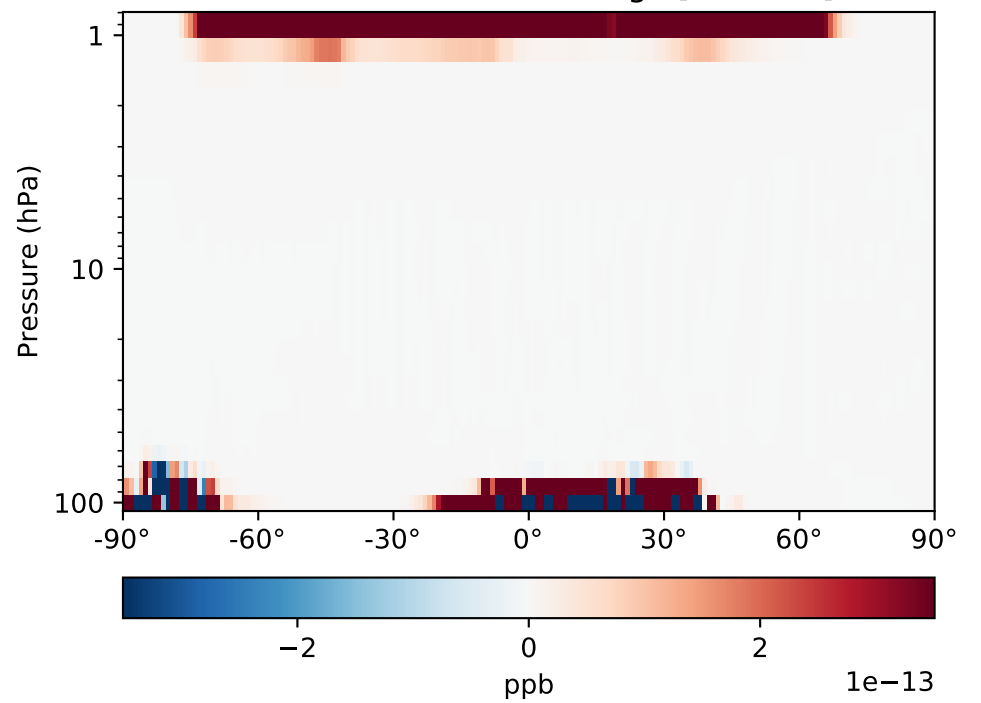
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



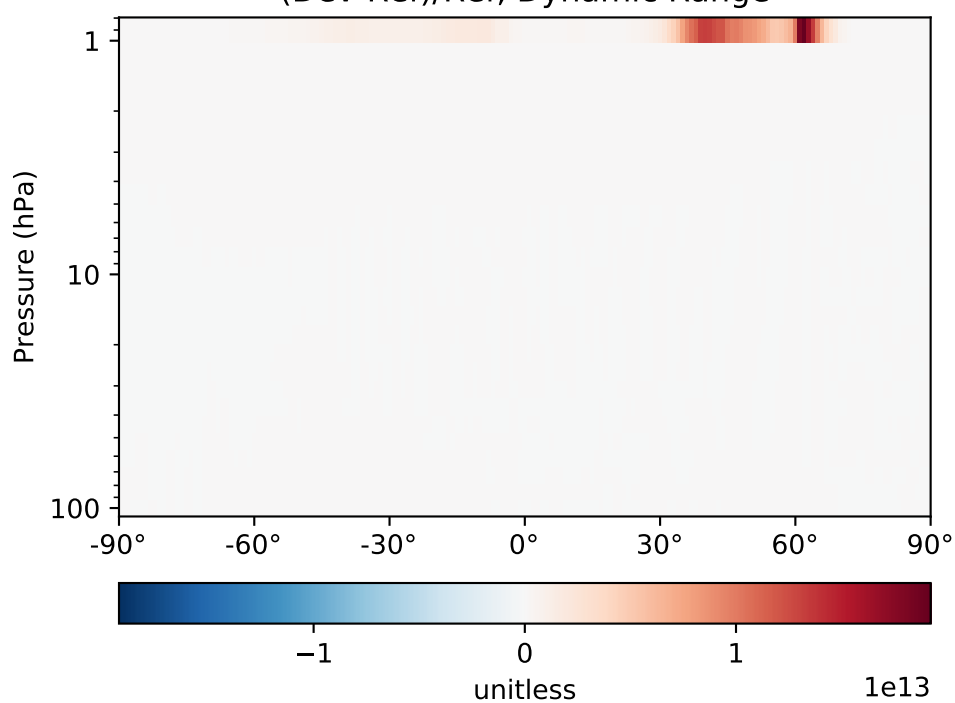
Difference (1x1.25)  
Dev - Ref, Dynamic Range



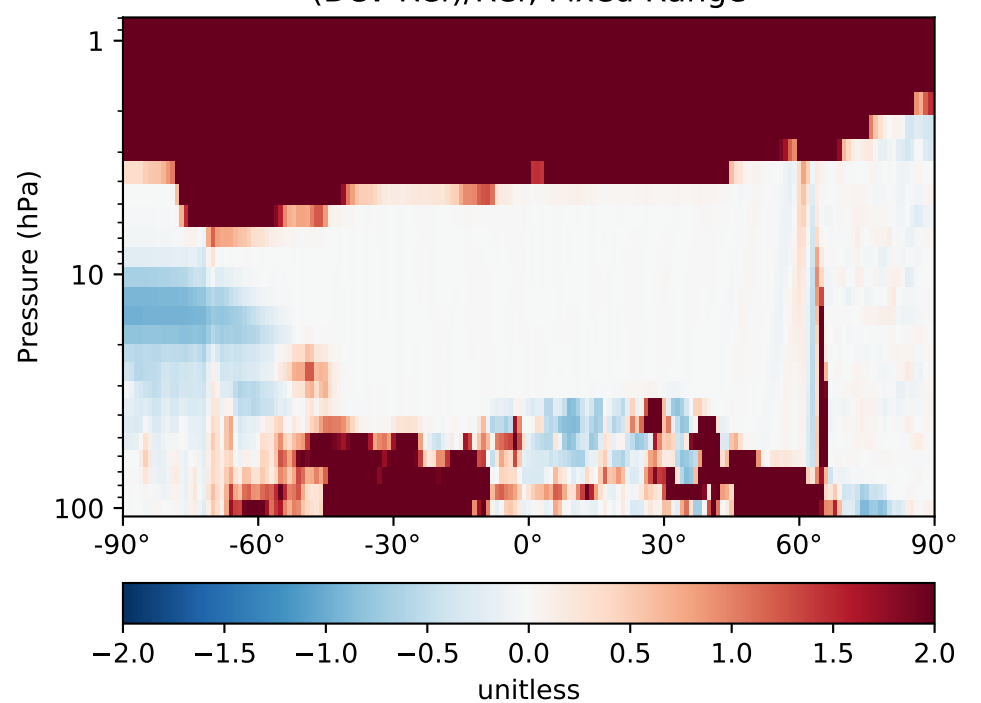
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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



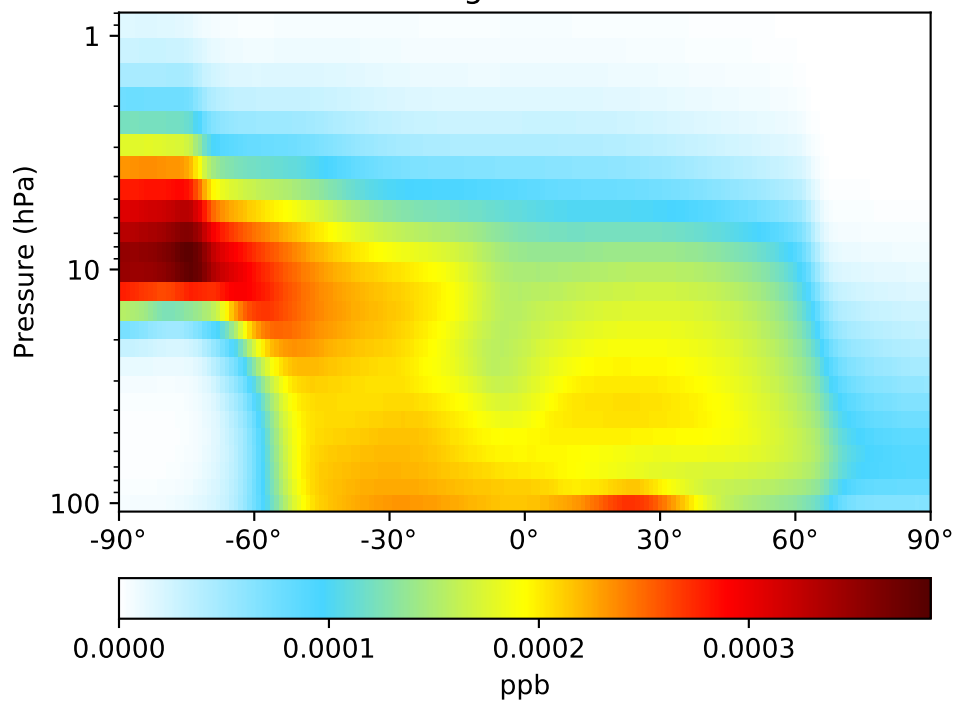
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



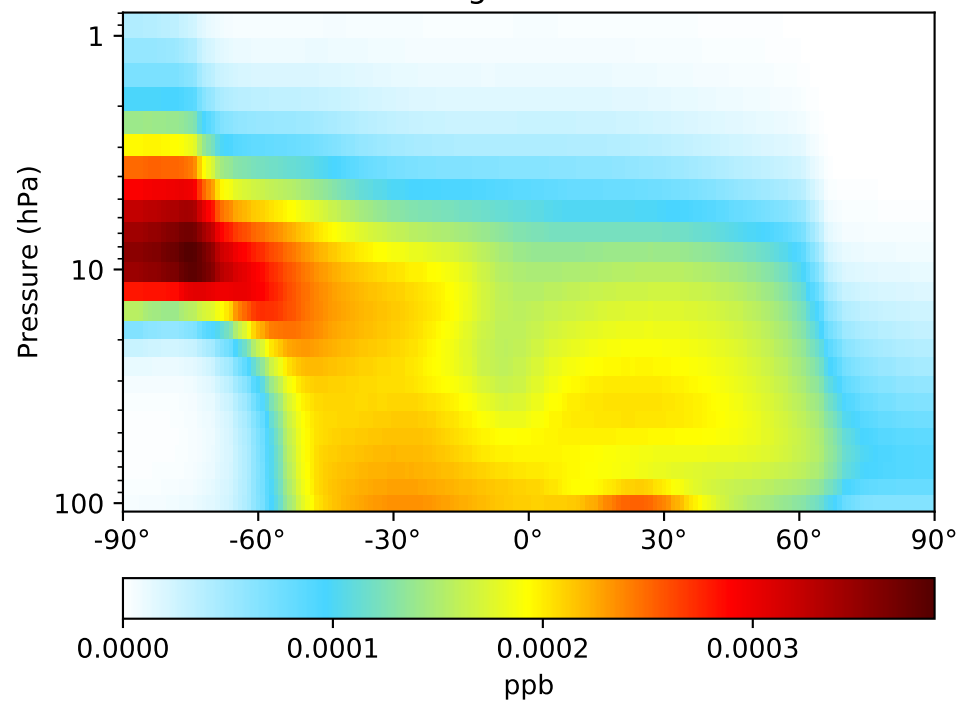


# SpeciesConc\_IONO2, Zonal Mean

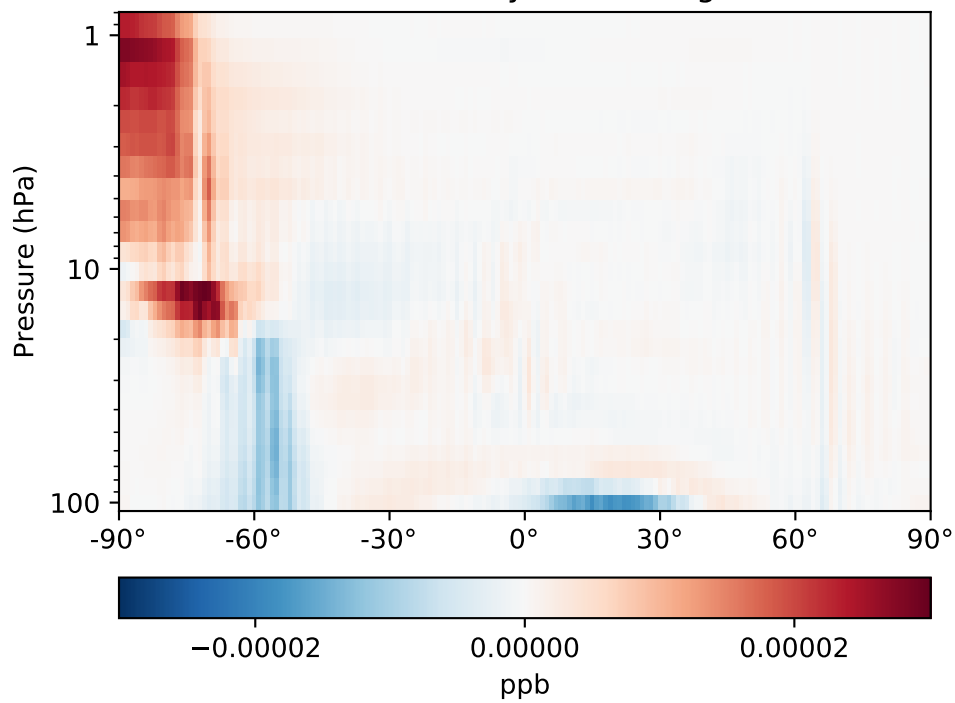
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



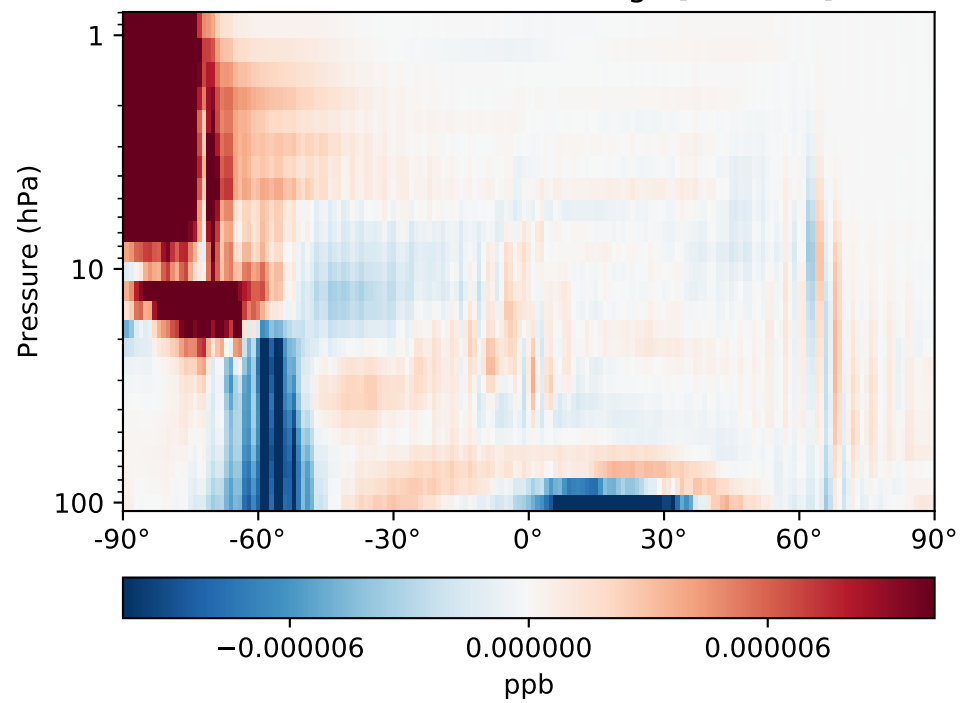
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



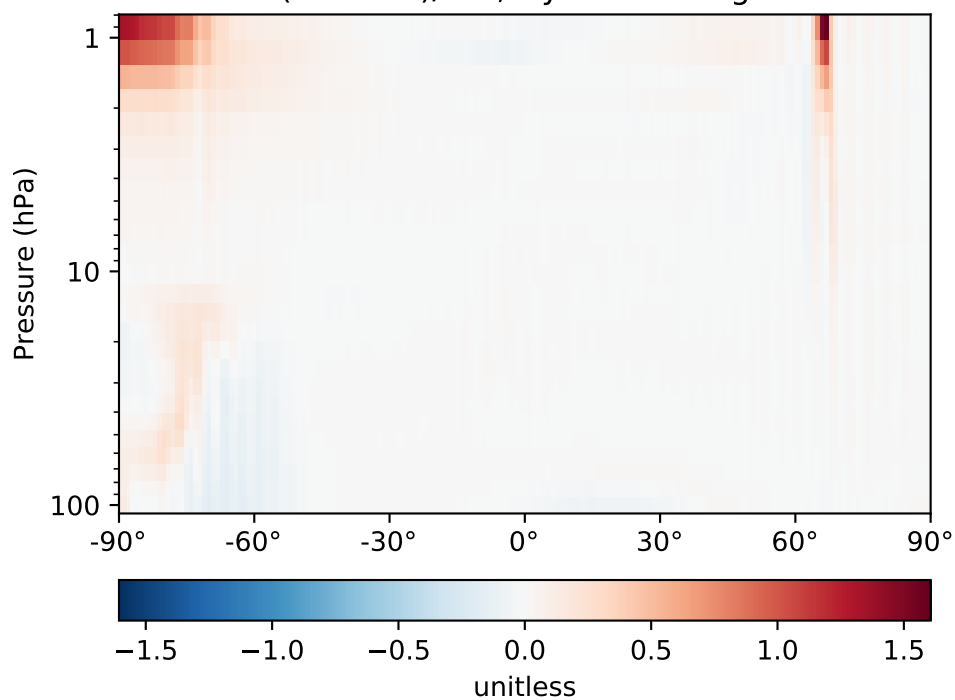
Difference (1x1.25)  
Dev - Ref, Dynamic Range



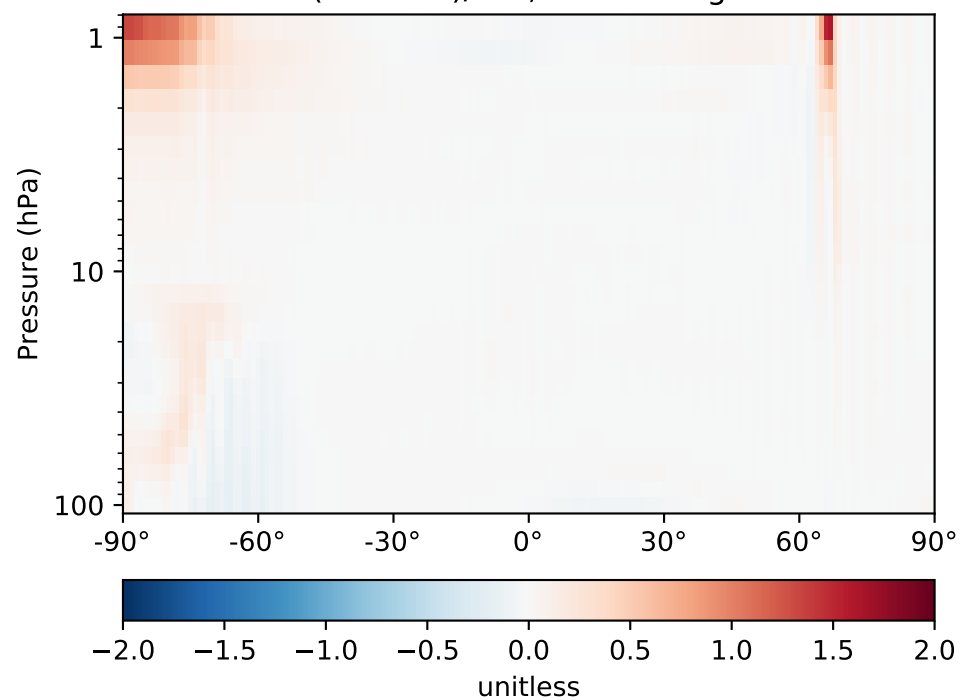
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



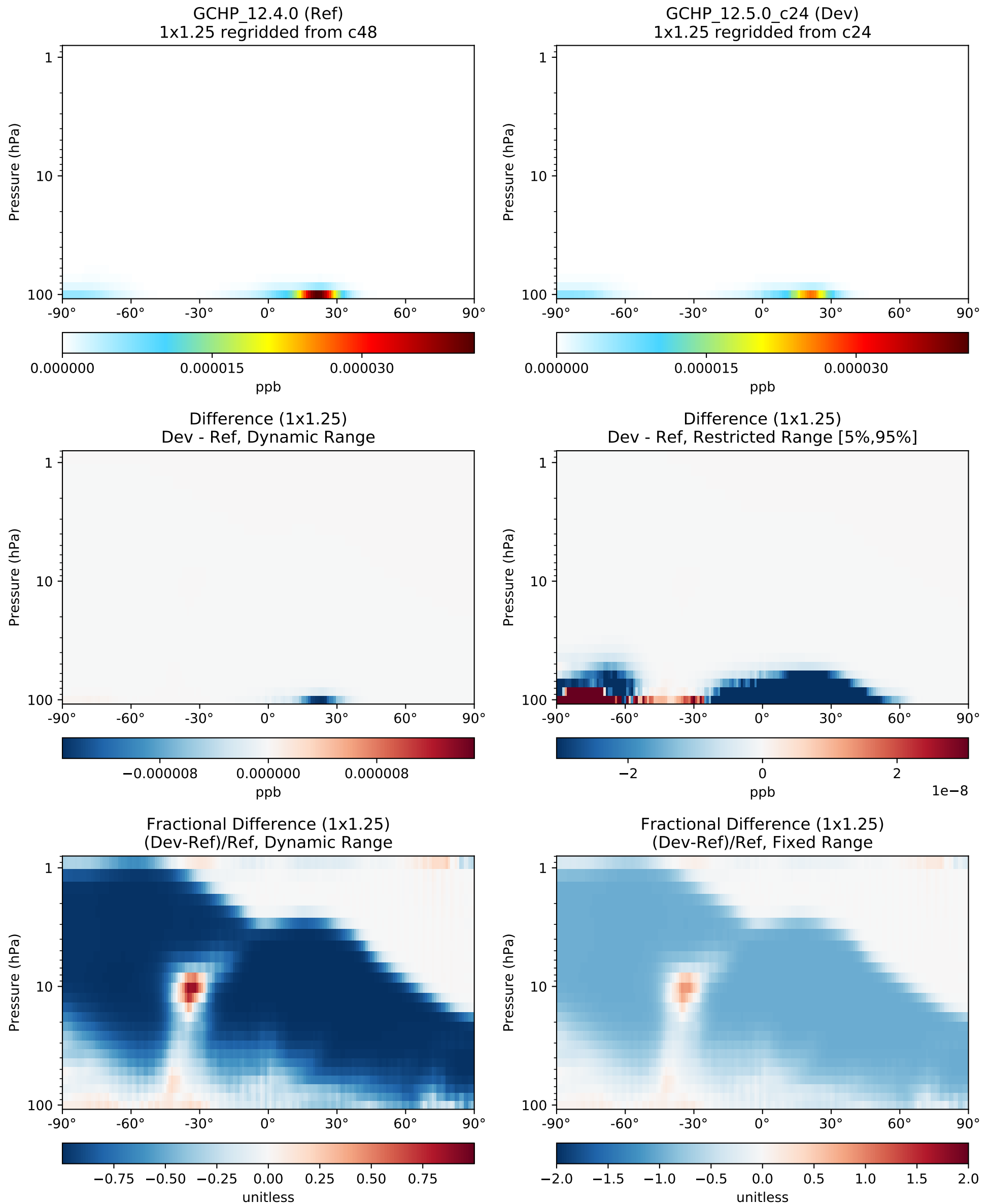
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



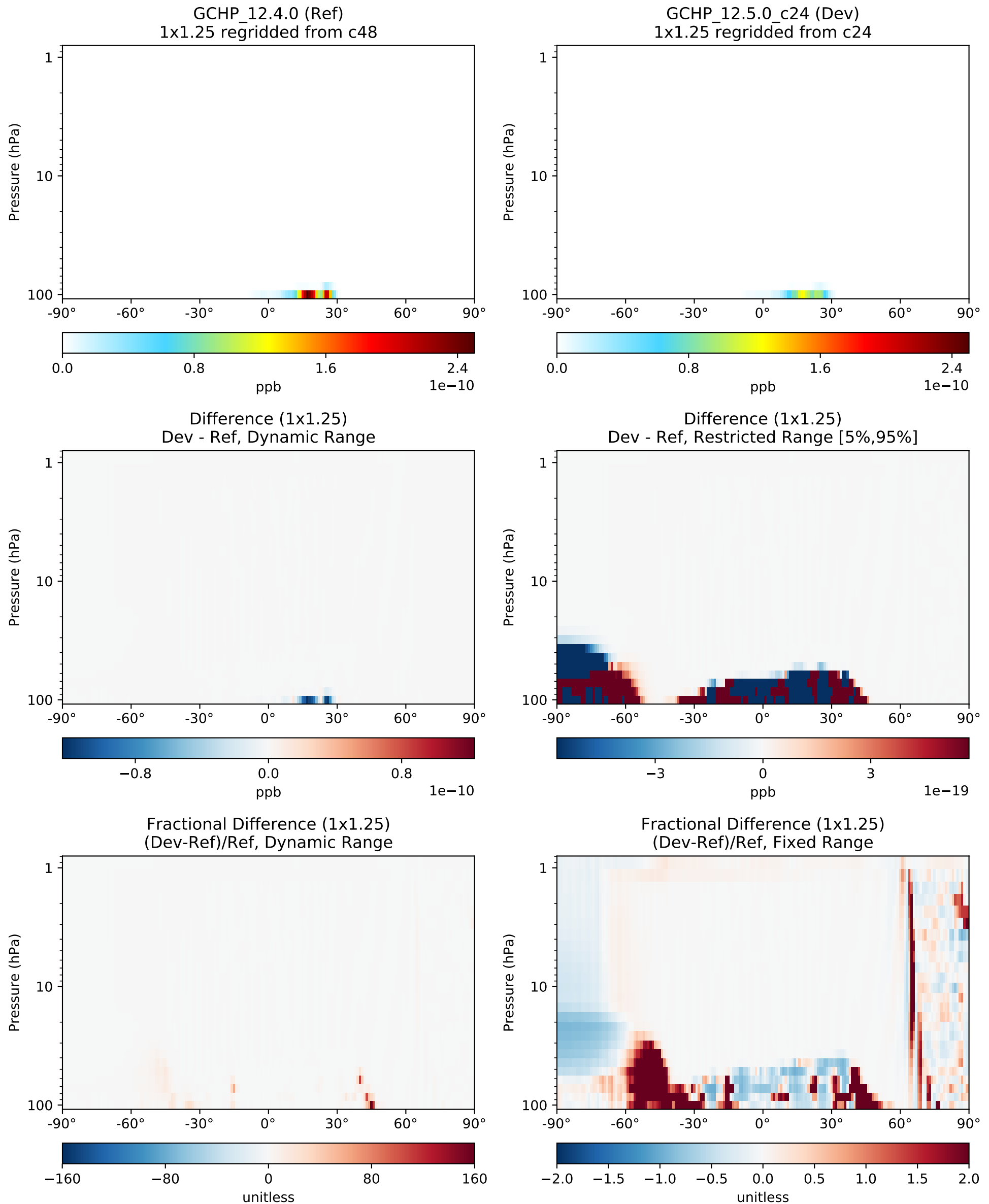
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



# SpeciesConc\_CH3I, Zonal Mean

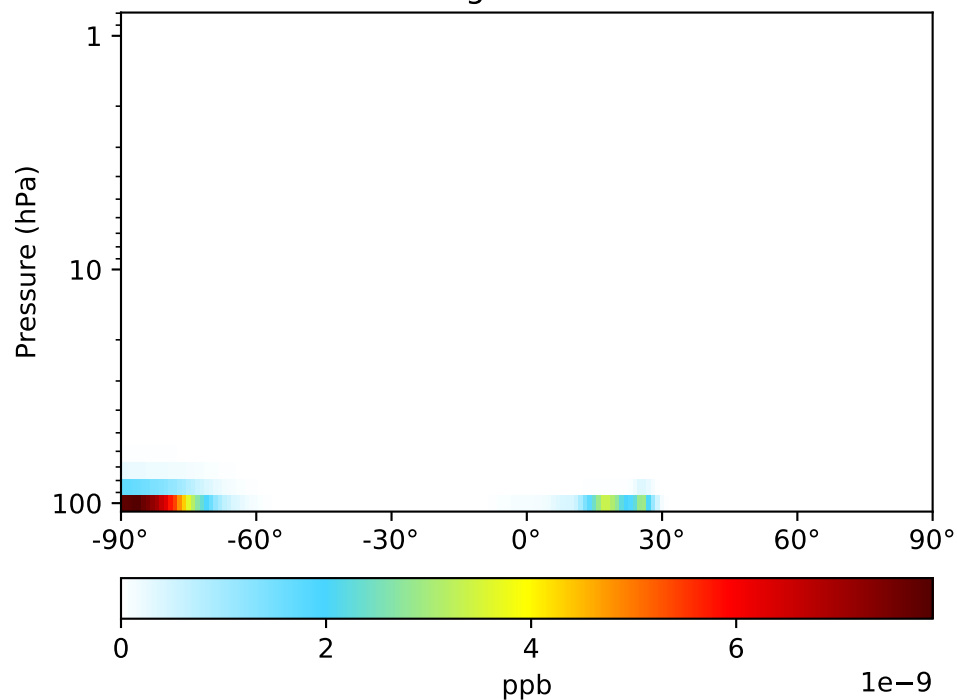


# SpeciesConc\_CH2I2, Zonal Mean

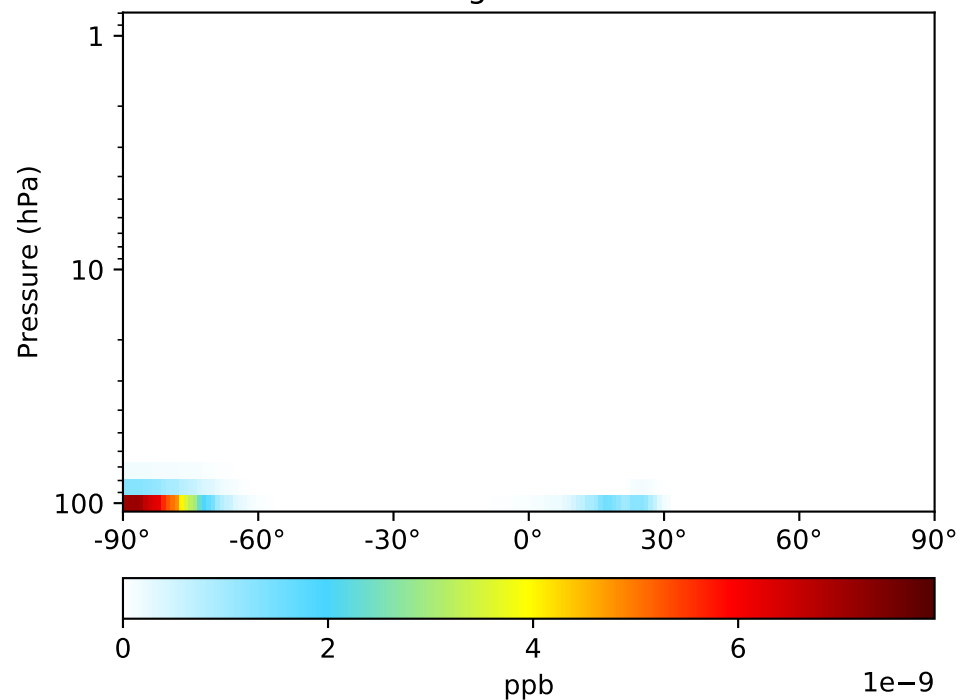


# SpeciesConc\_CH2Cl, Zonal Mean

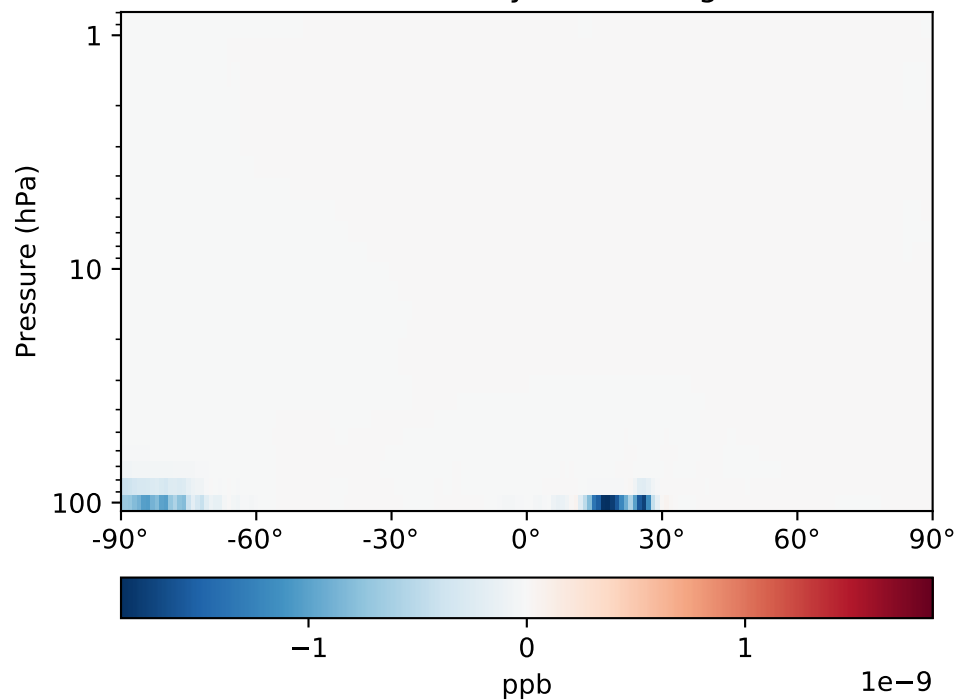
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



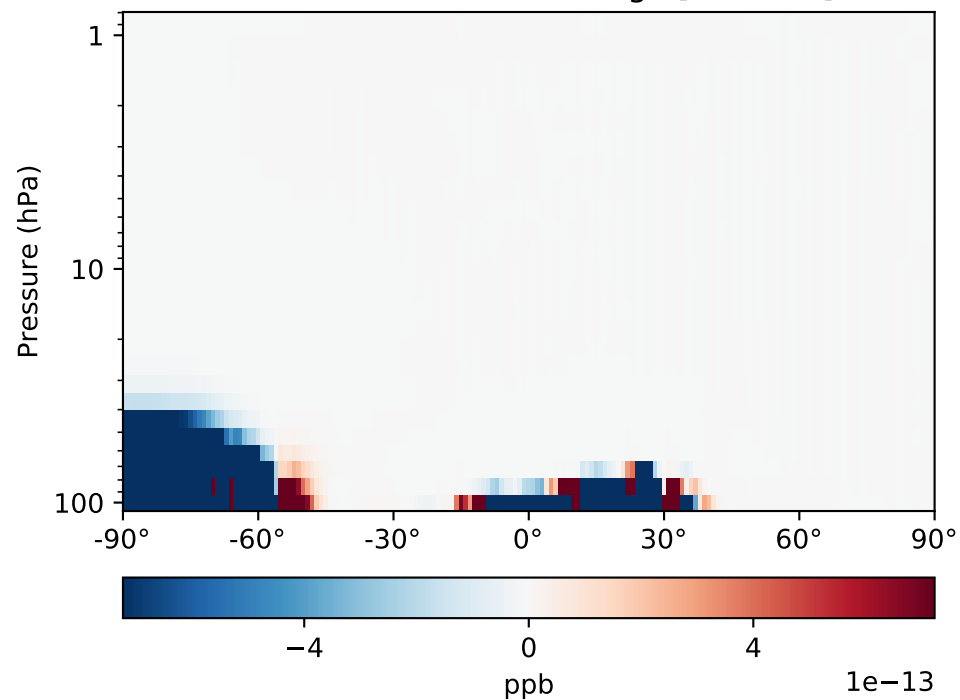
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



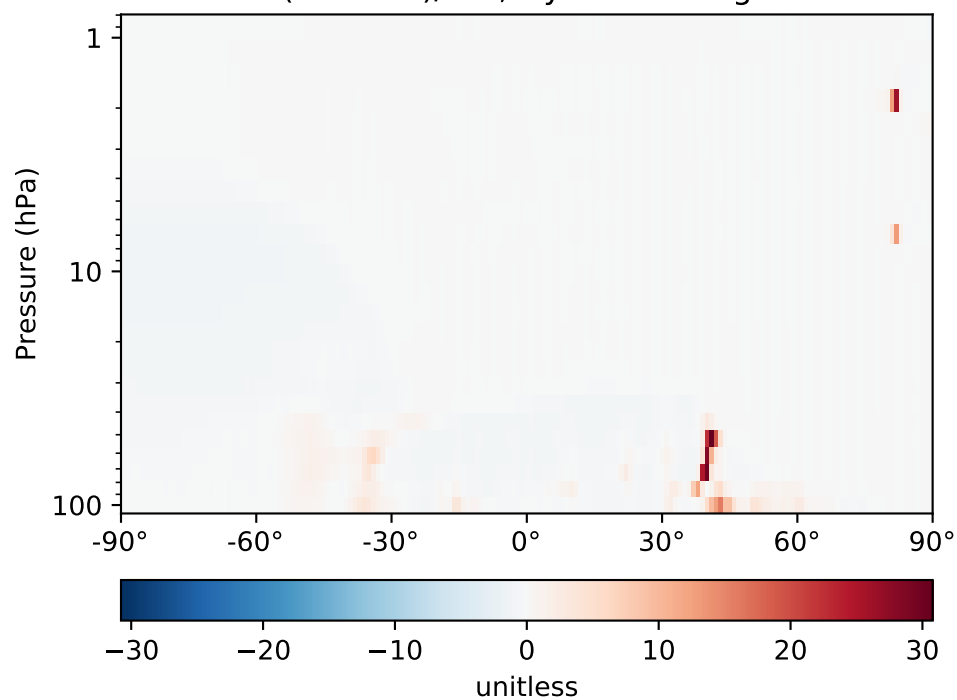
Difference (1x1.25)  
Dev - Ref, Dynamic Range



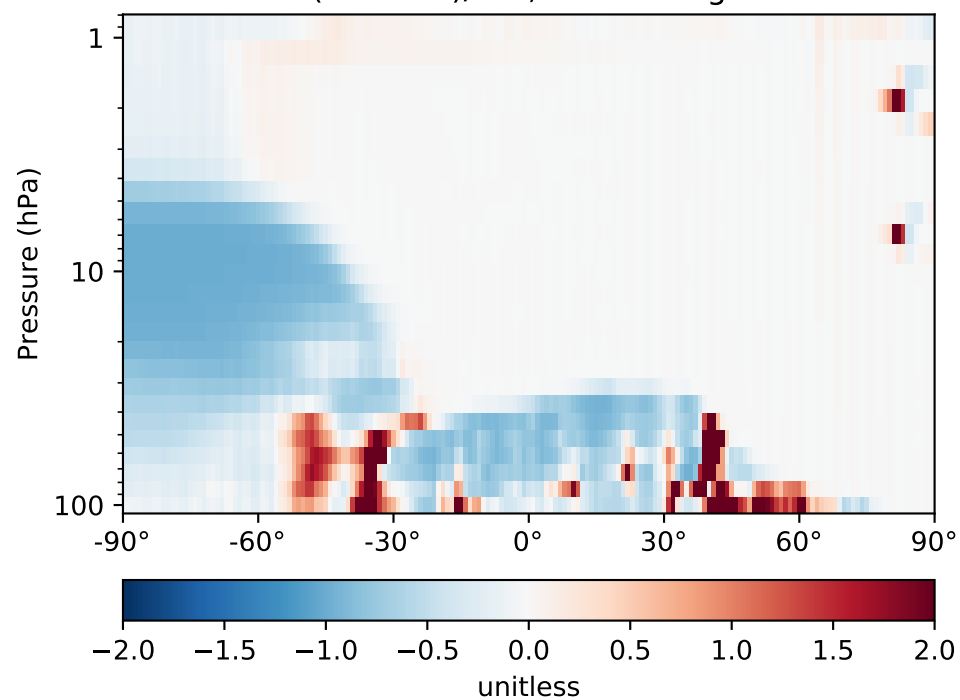
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

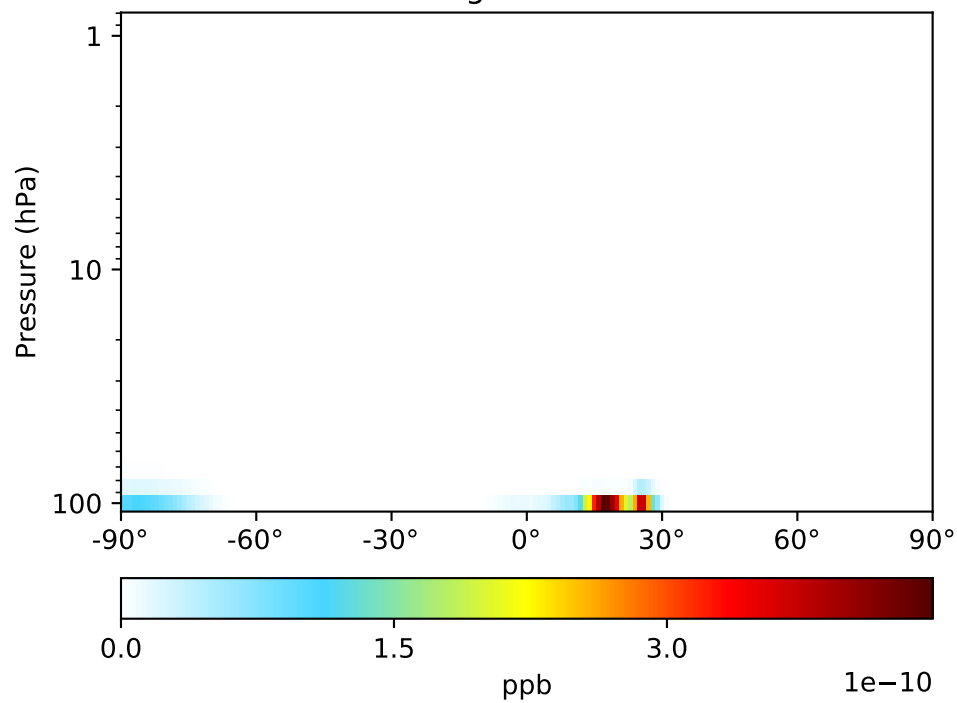


Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

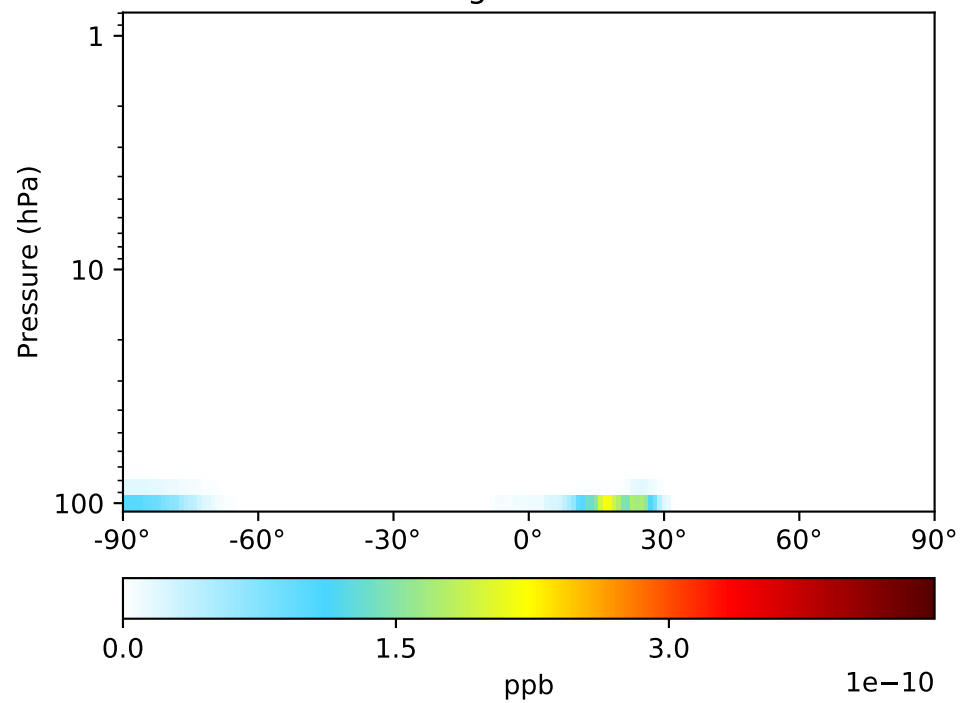


# SpeciesConc\_CH2IBr, Zonal Mean

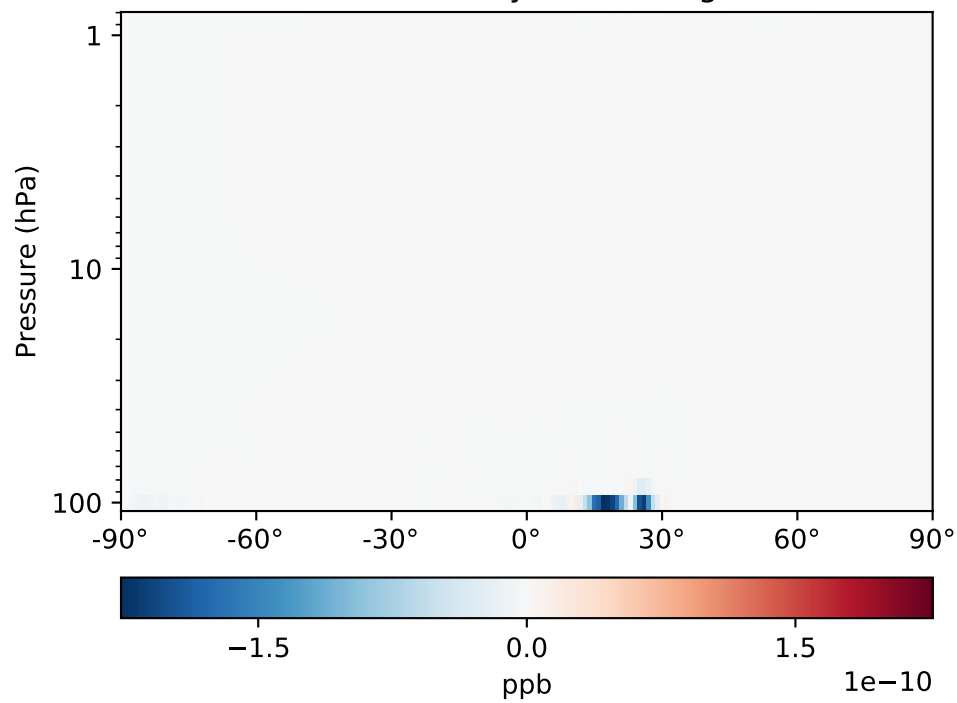
GCHP\_12.4.0 (Ref)  
1x1.25 regrided from c48



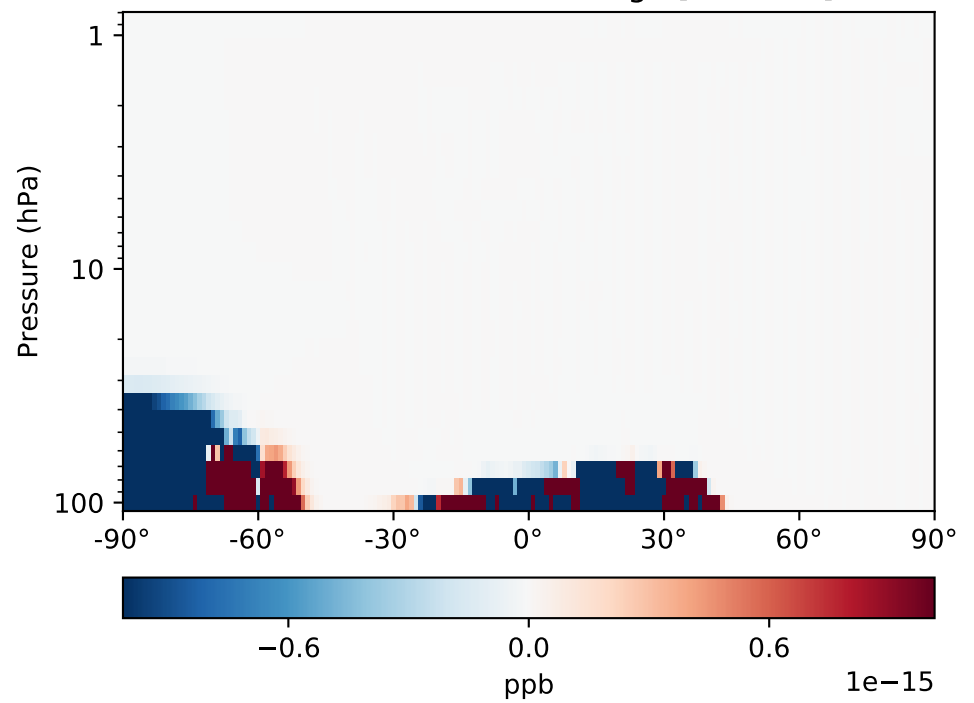
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regrided from c24



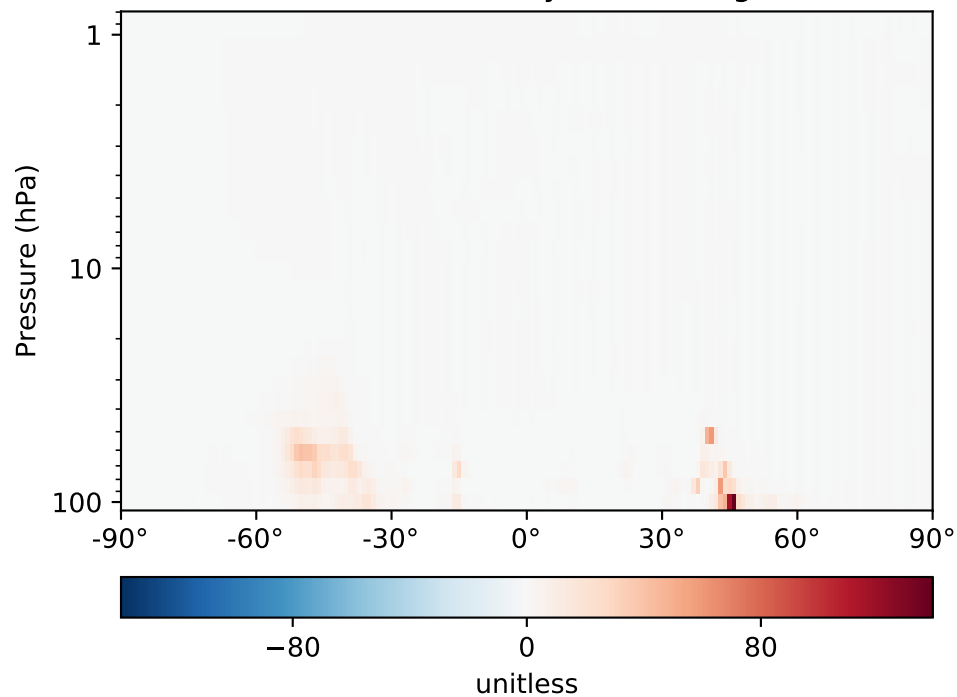
Difference (1x1.25)  
Dev - Ref, Dynamic Range



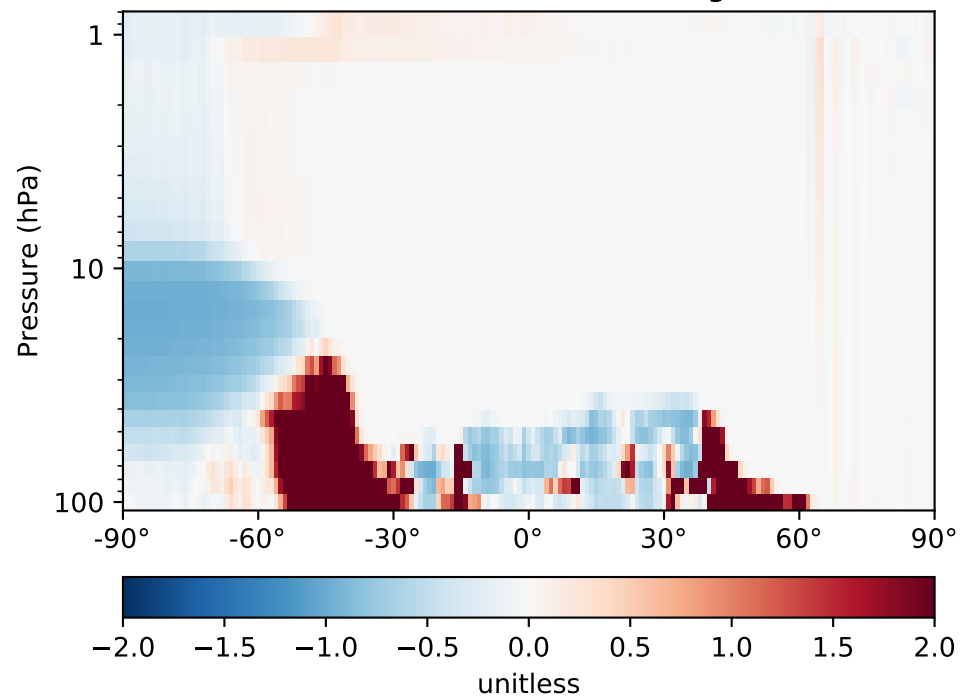
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



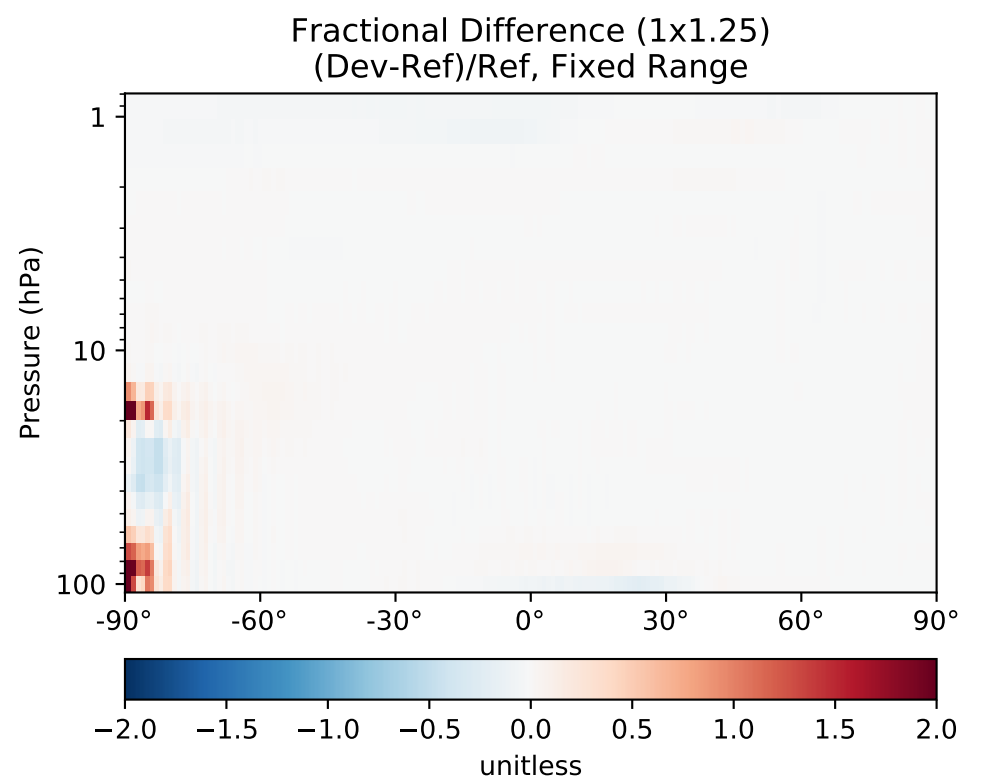
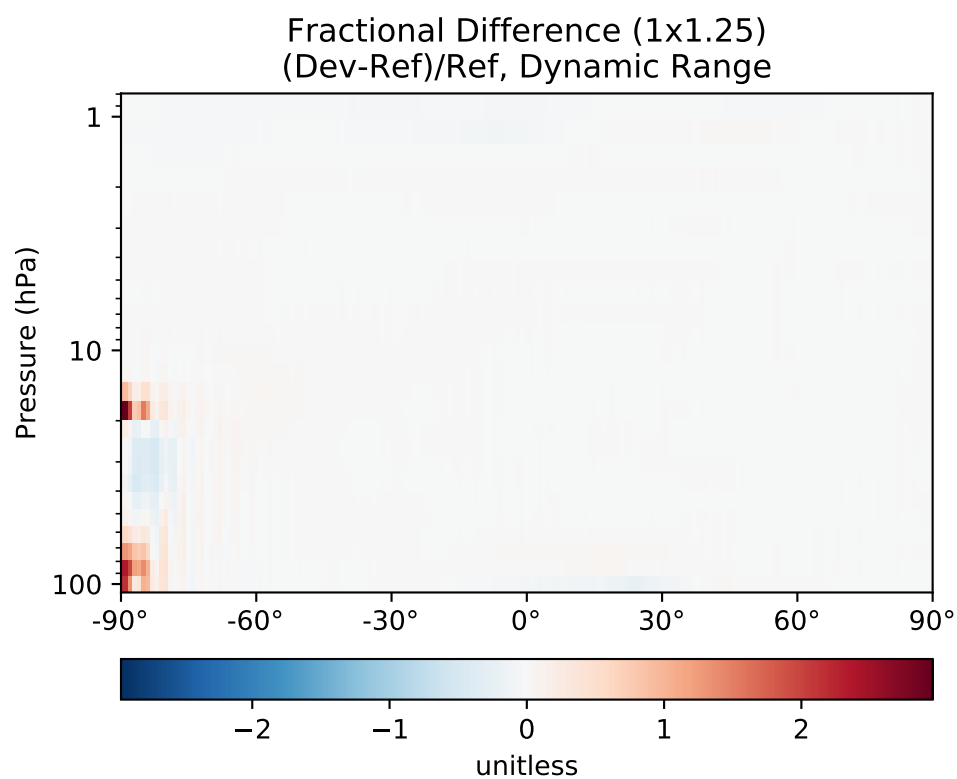
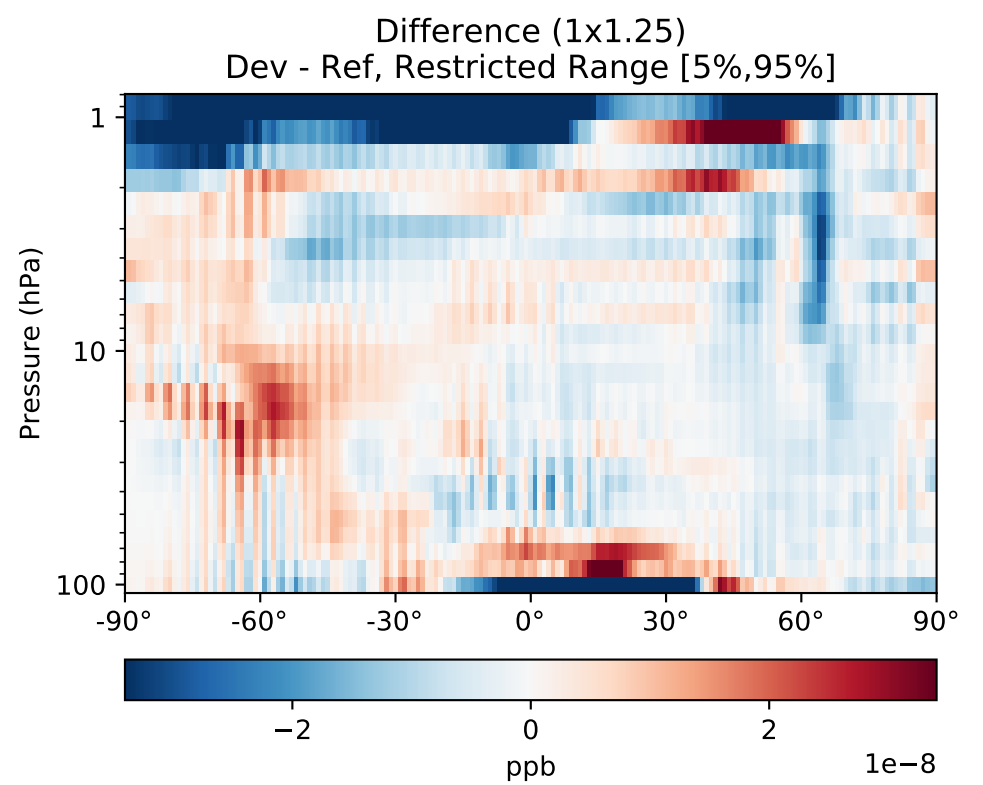
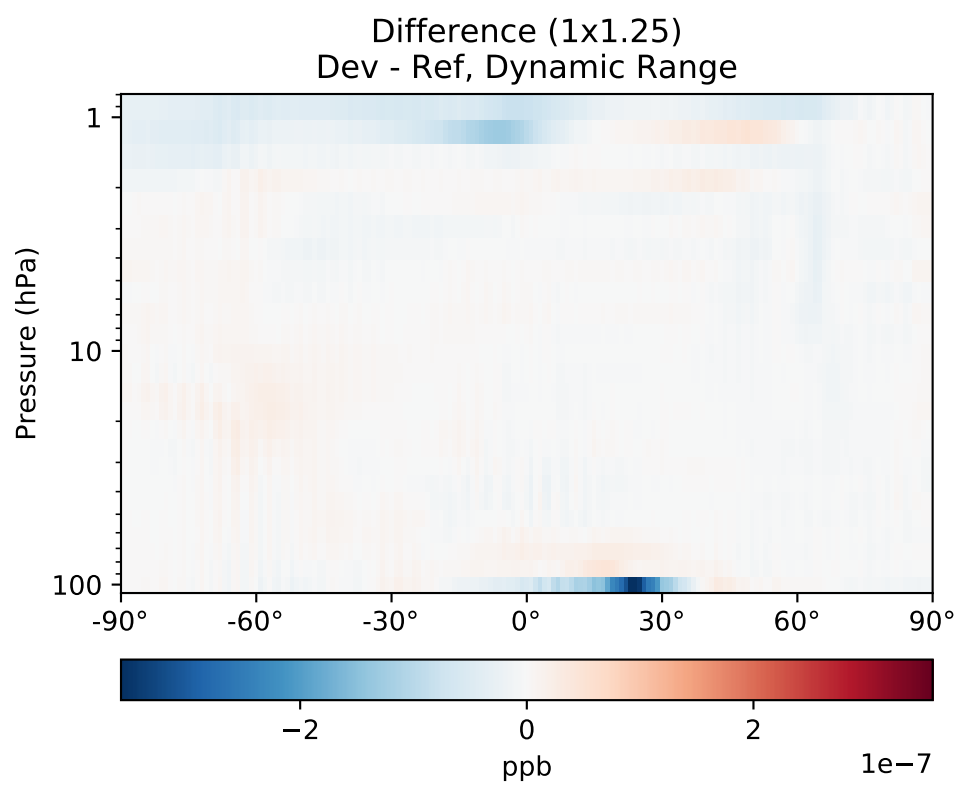
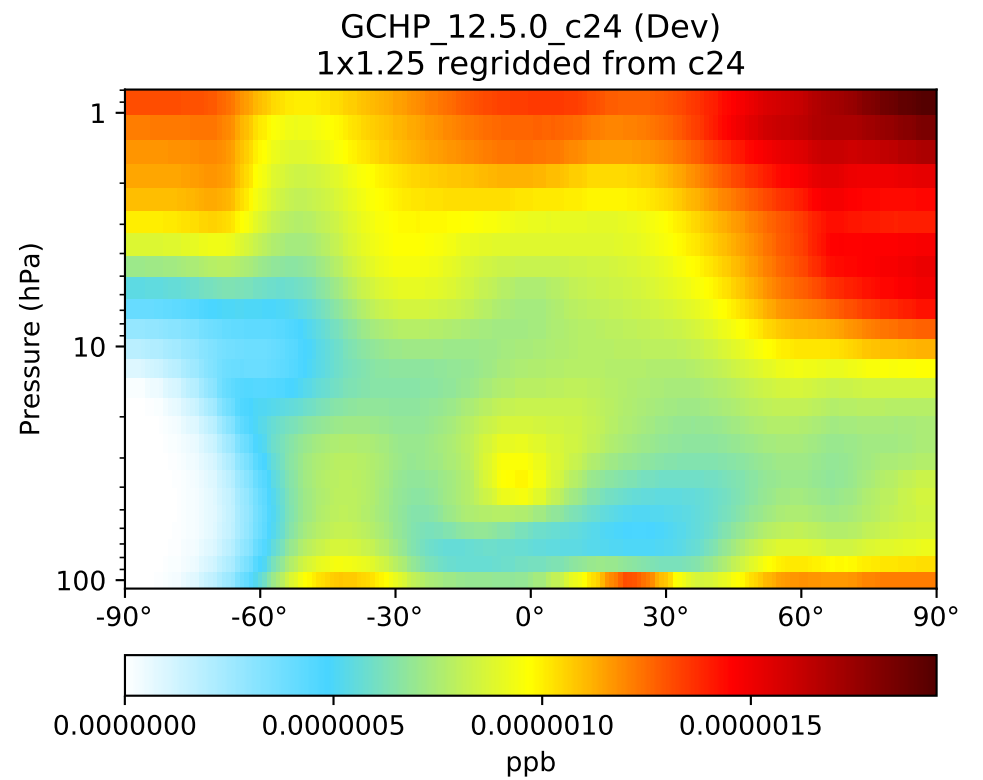
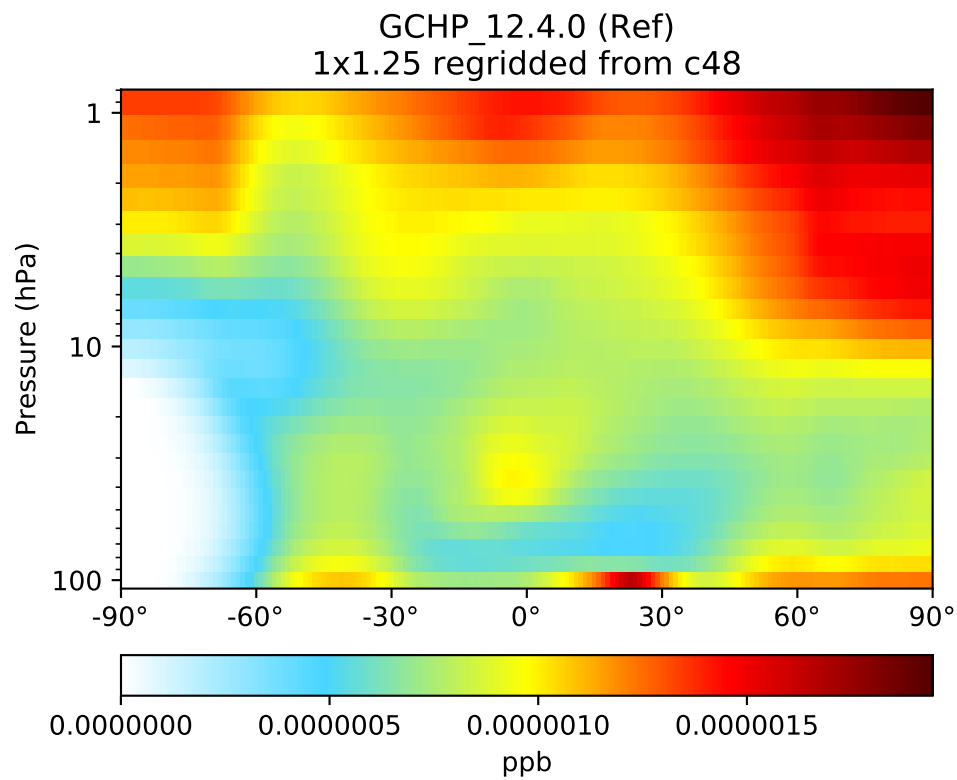
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Dynamic Range



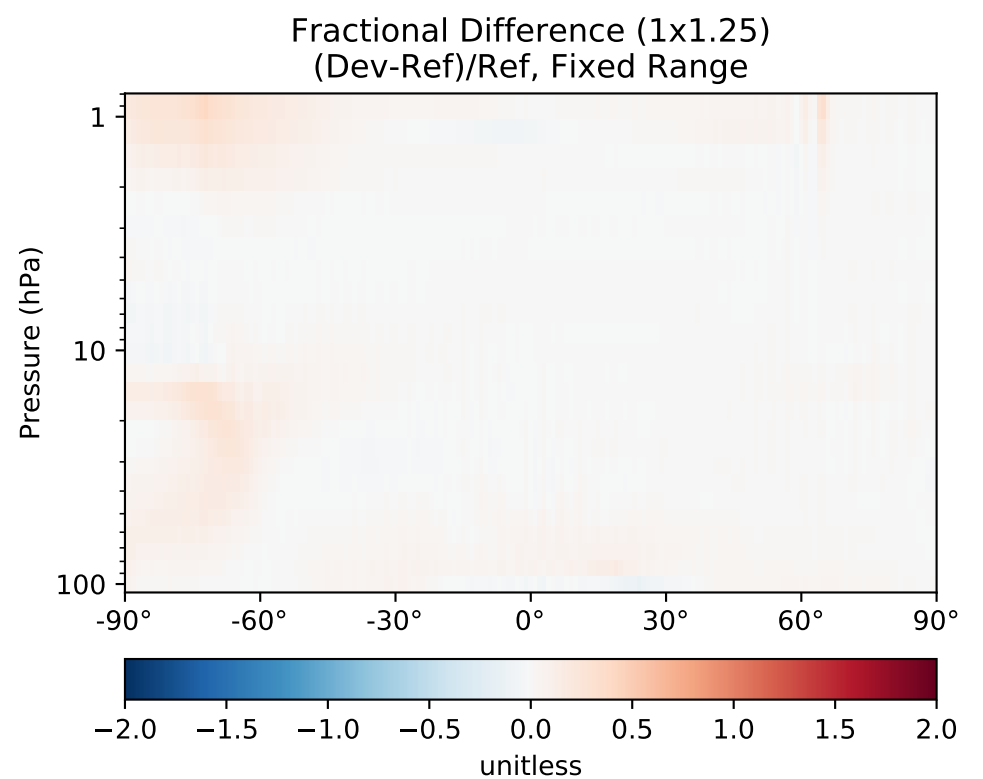
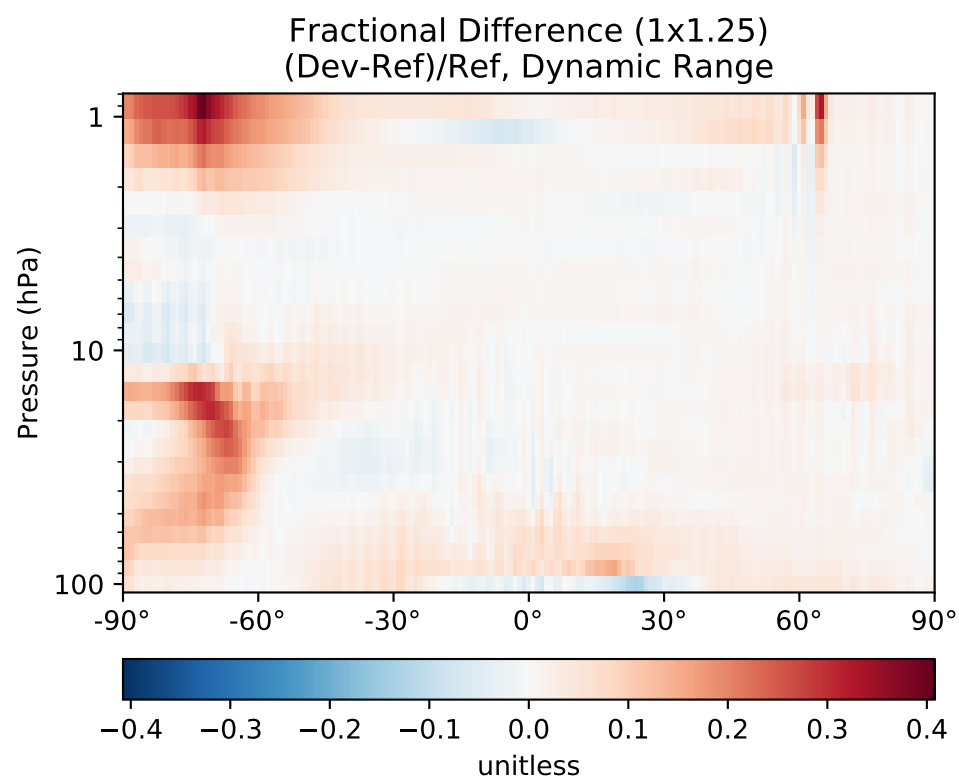
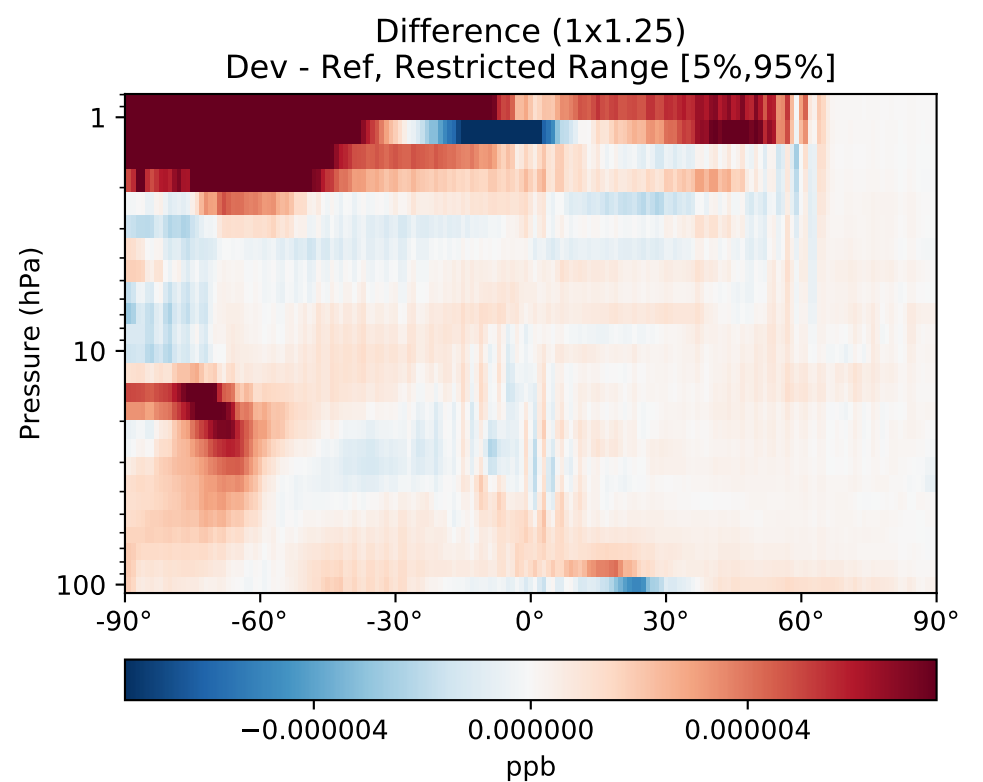
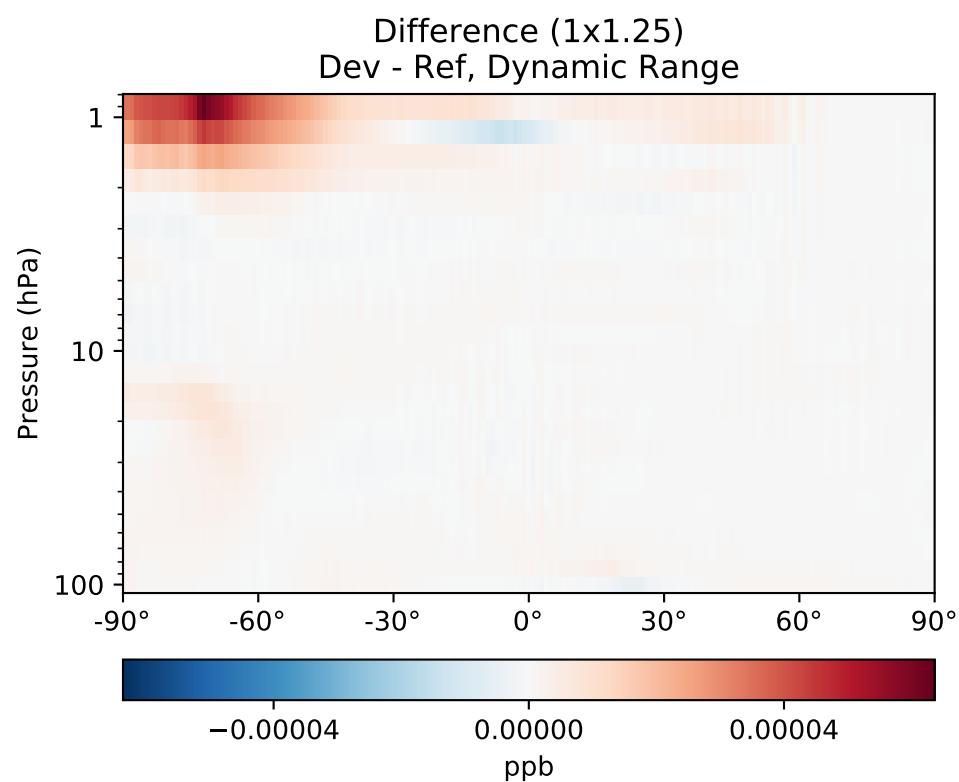
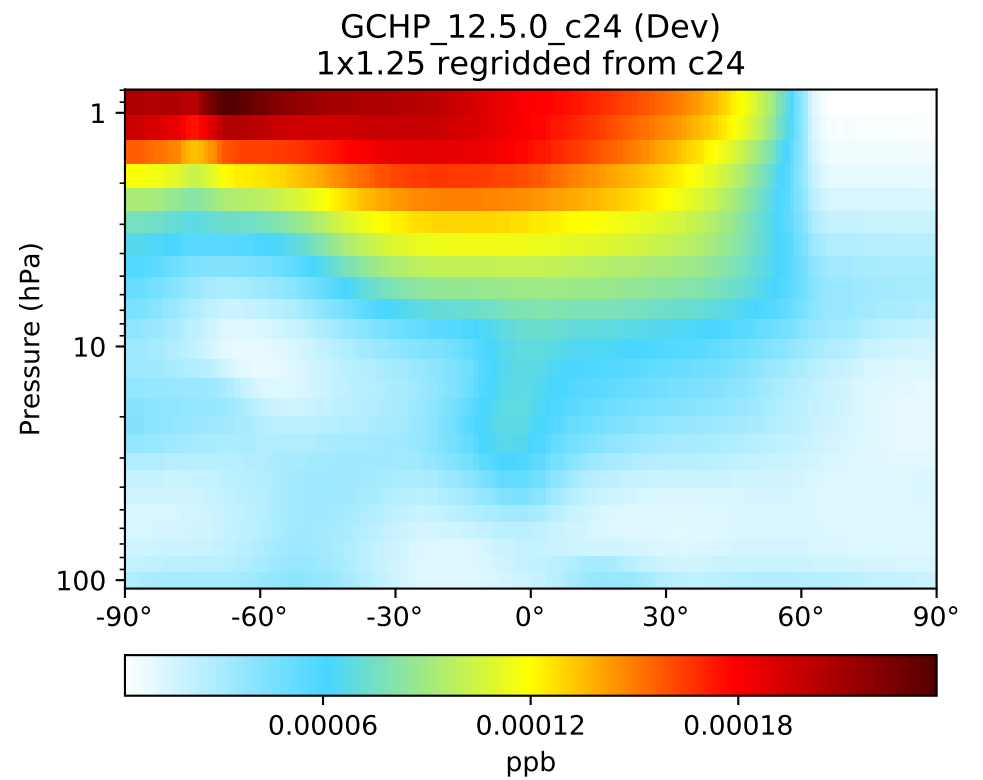
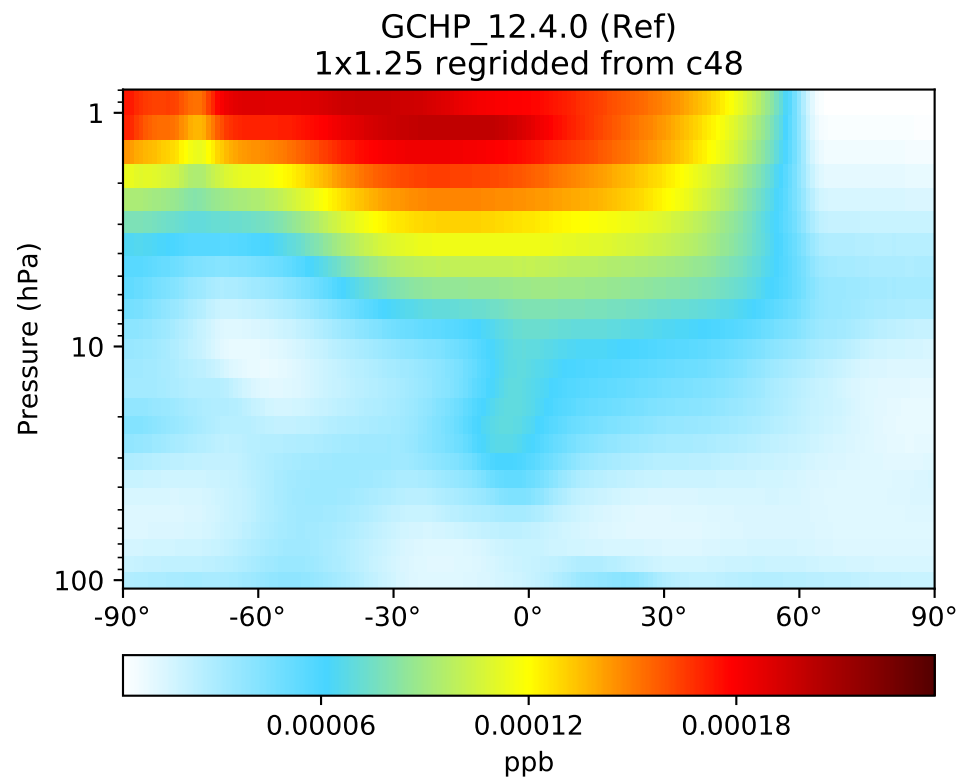
Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range



# SpeciesConc\_HI, Zonal Mean

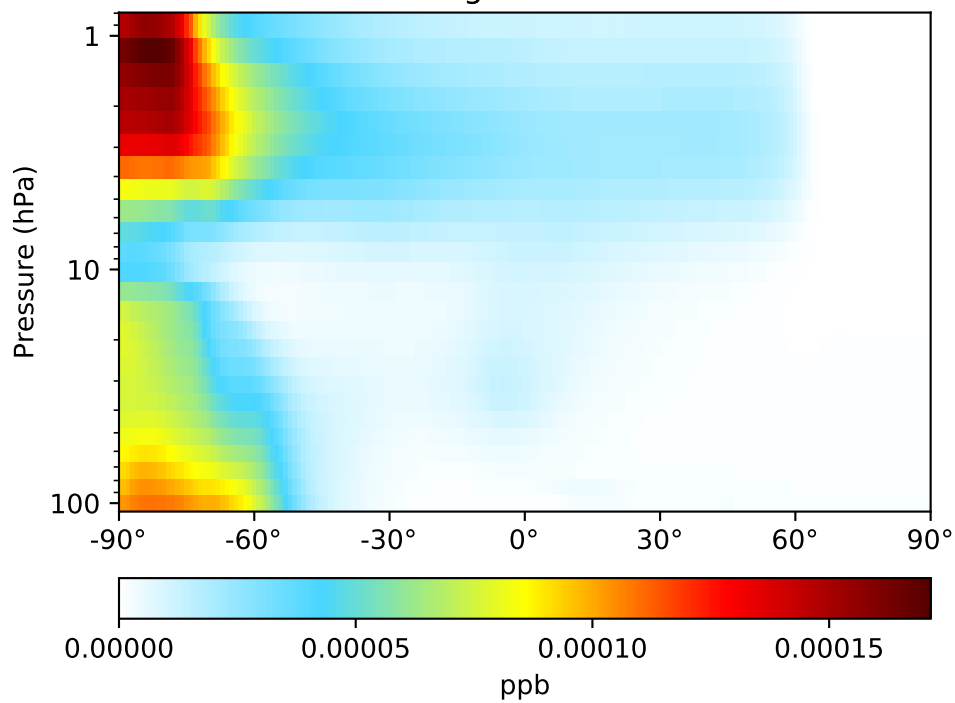


# SpeciesConc\_HOI, Zonal Mean

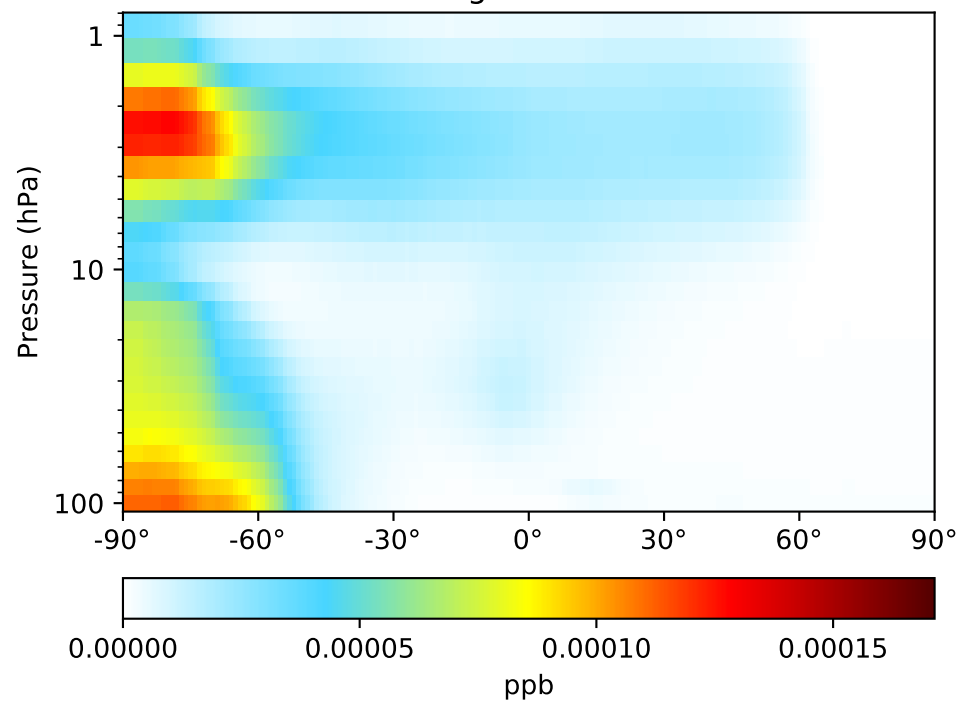


# SpeciesConc\_OIO, Zonal Mean

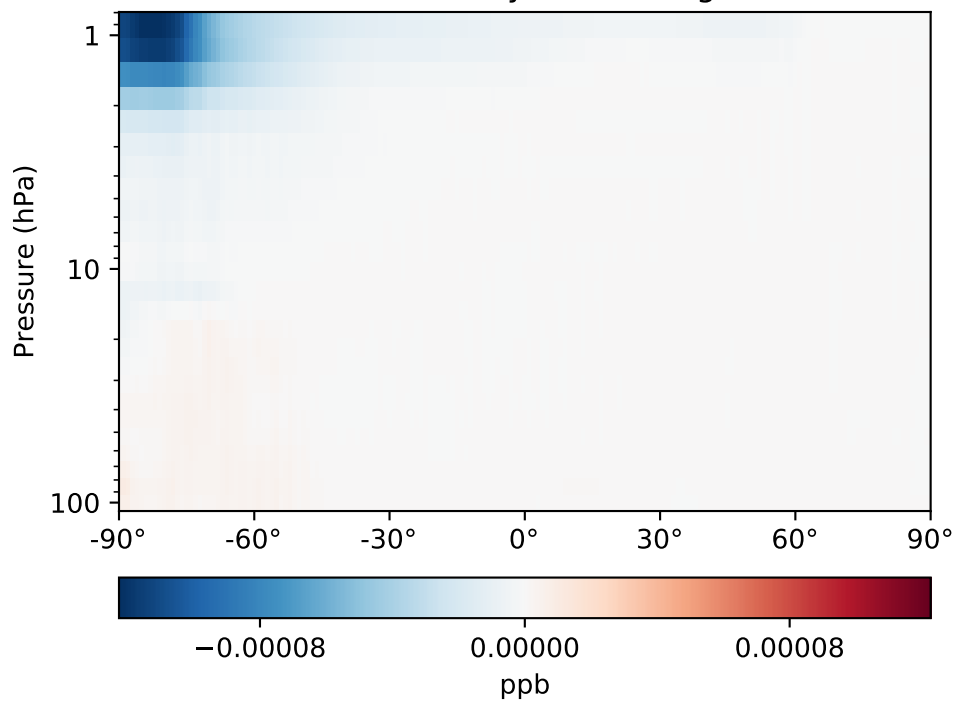
GCHP\_12.4.0 (Ref)  
1x1.25 regridded from c48



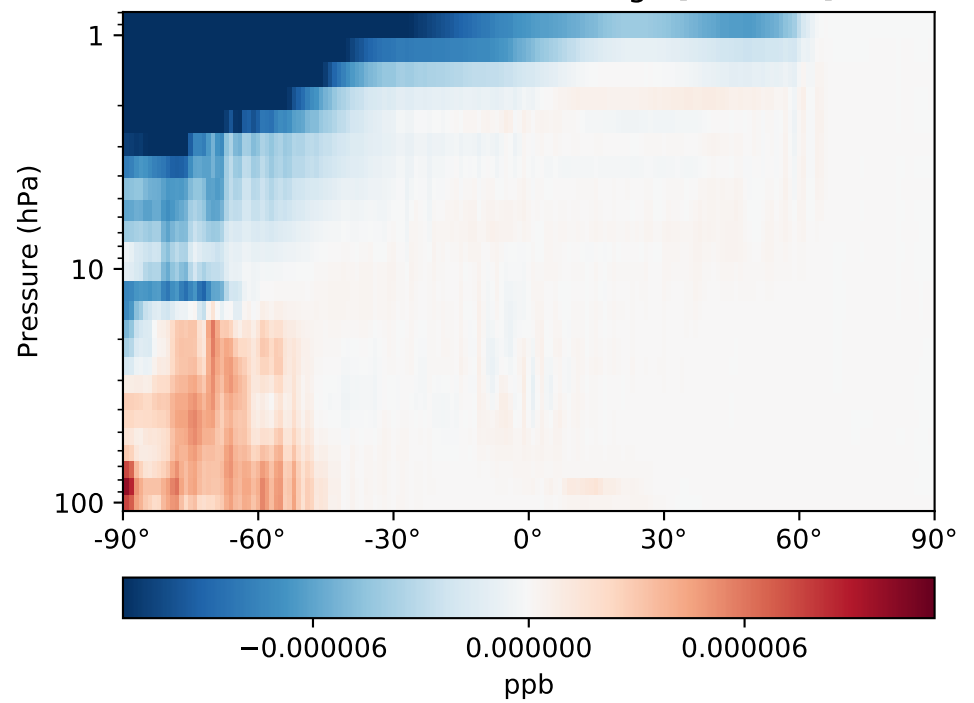
GCHP\_12.5.0\_c24 (Dev)  
1x1.25 regridded from c24



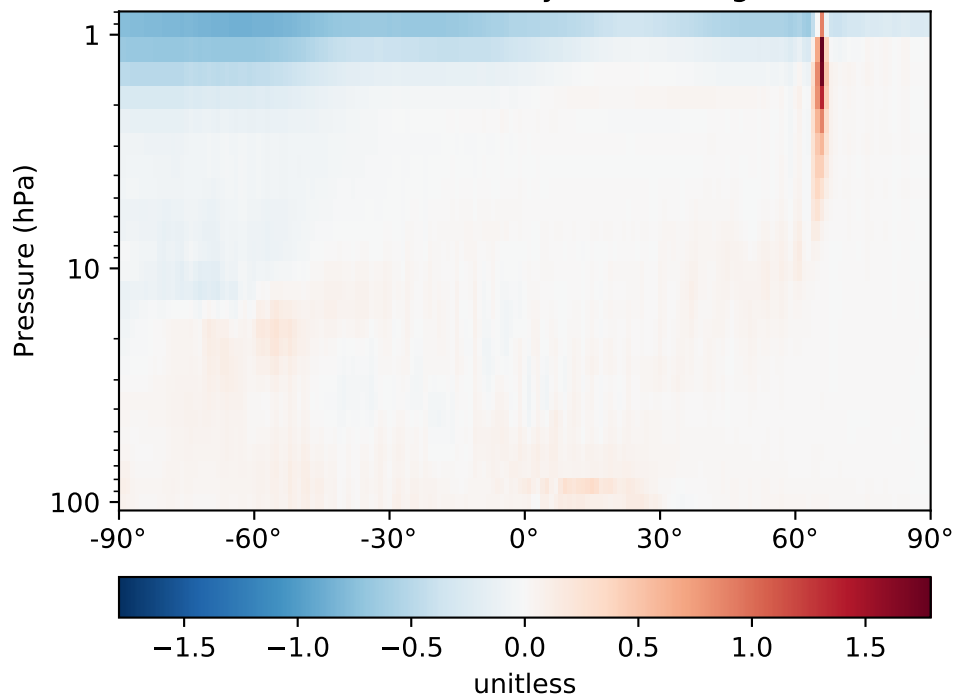
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



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



Fractional Difference (1x1.25)  
(Dev-Ref)/Ref, Fixed Range

