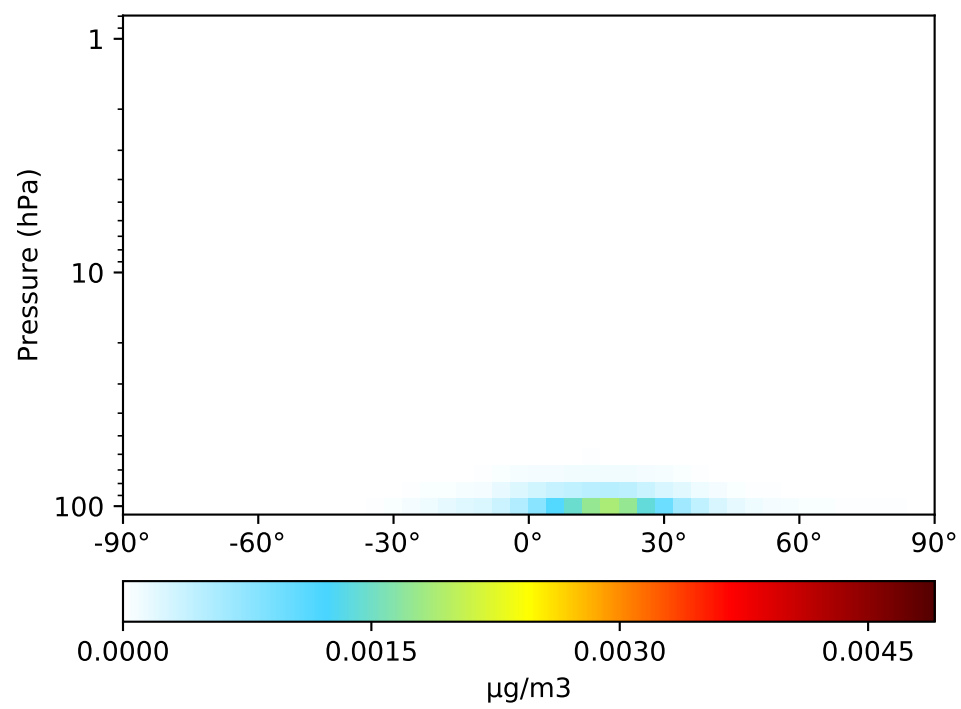
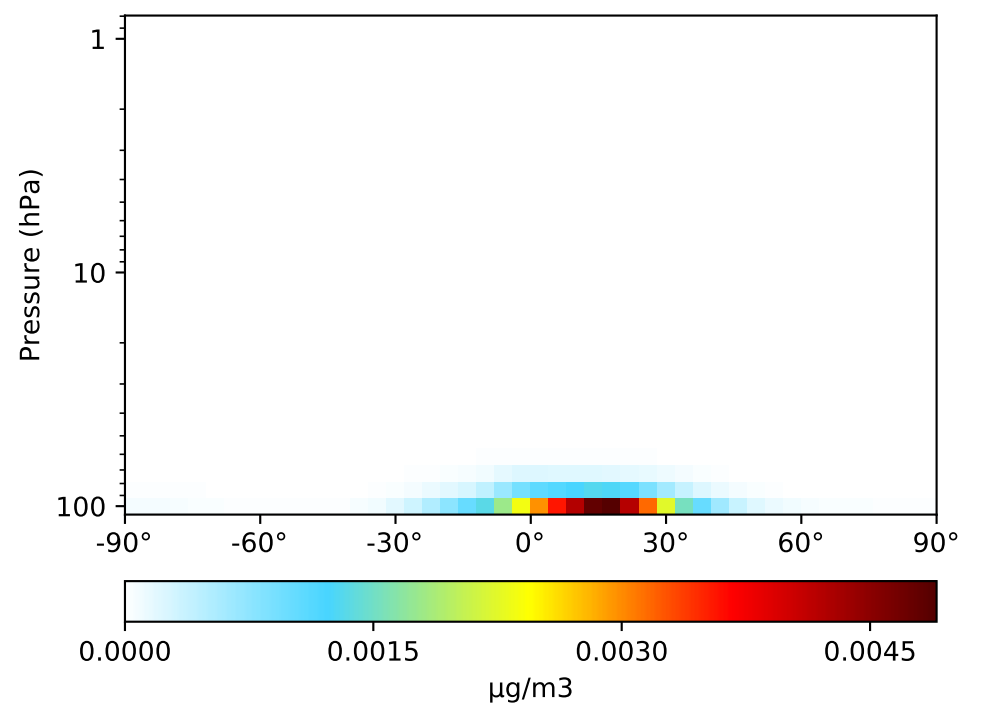


# SpeciesConc\_DST1, Zonal Mean

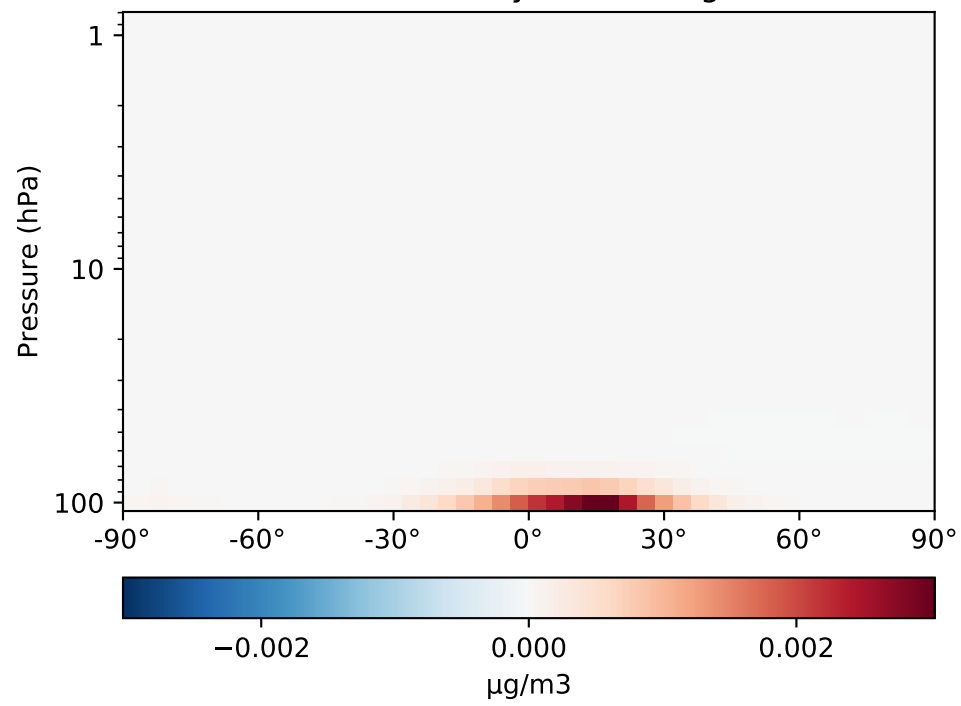
GCC\_12.9.0 (Ref)  
4.0x5.0



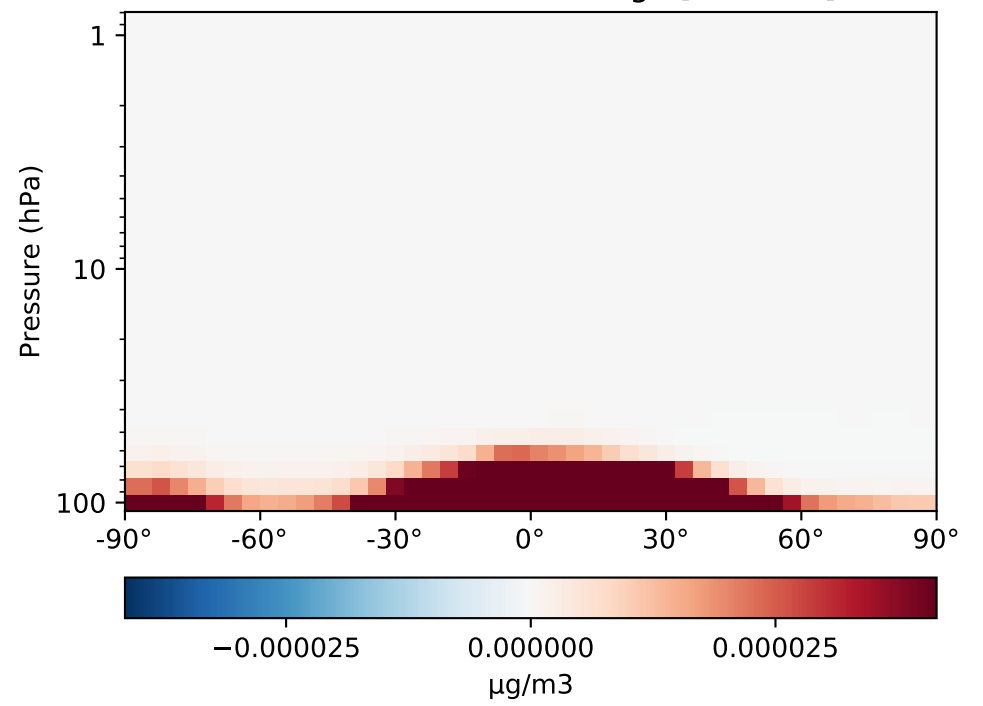
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



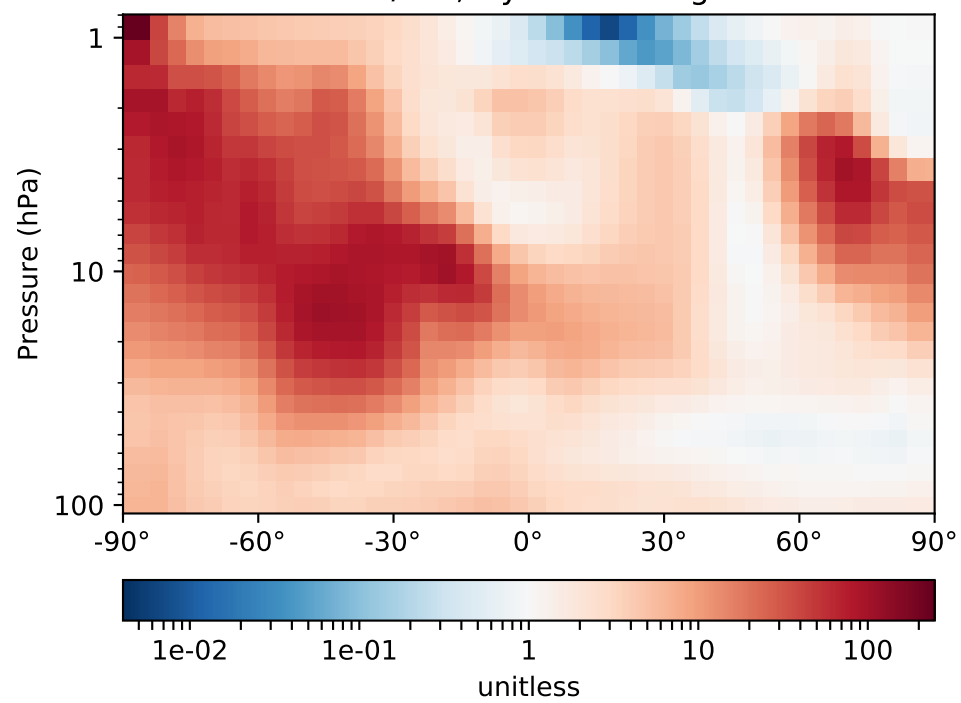
Difference  
Dev - Ref, Dynamic Range



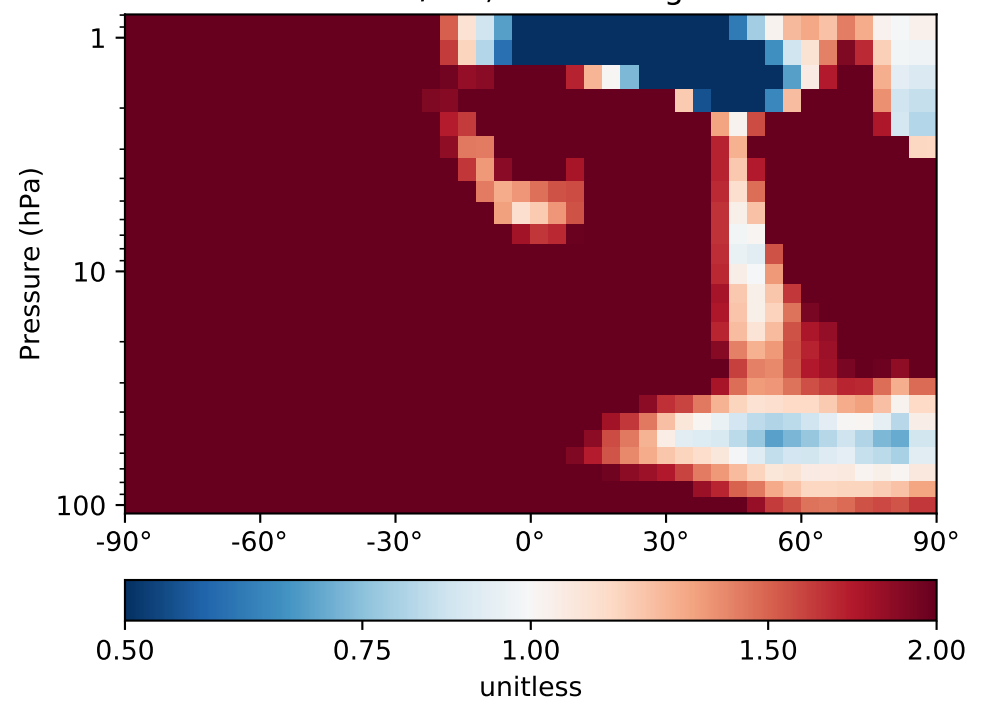
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

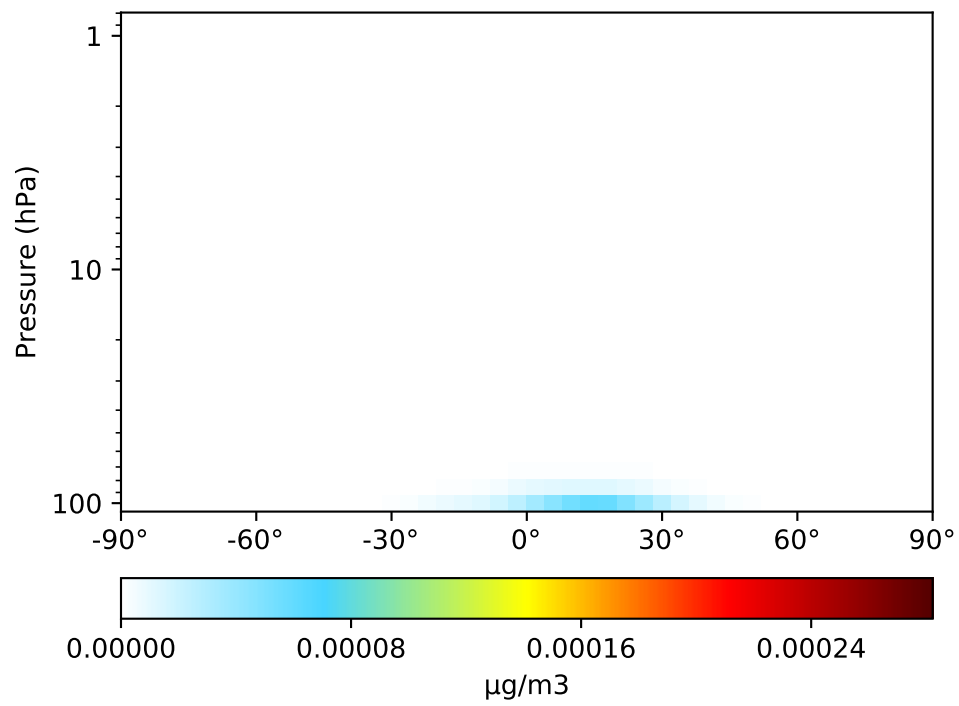


Ratio  
Dev/Ref, Fixed Range

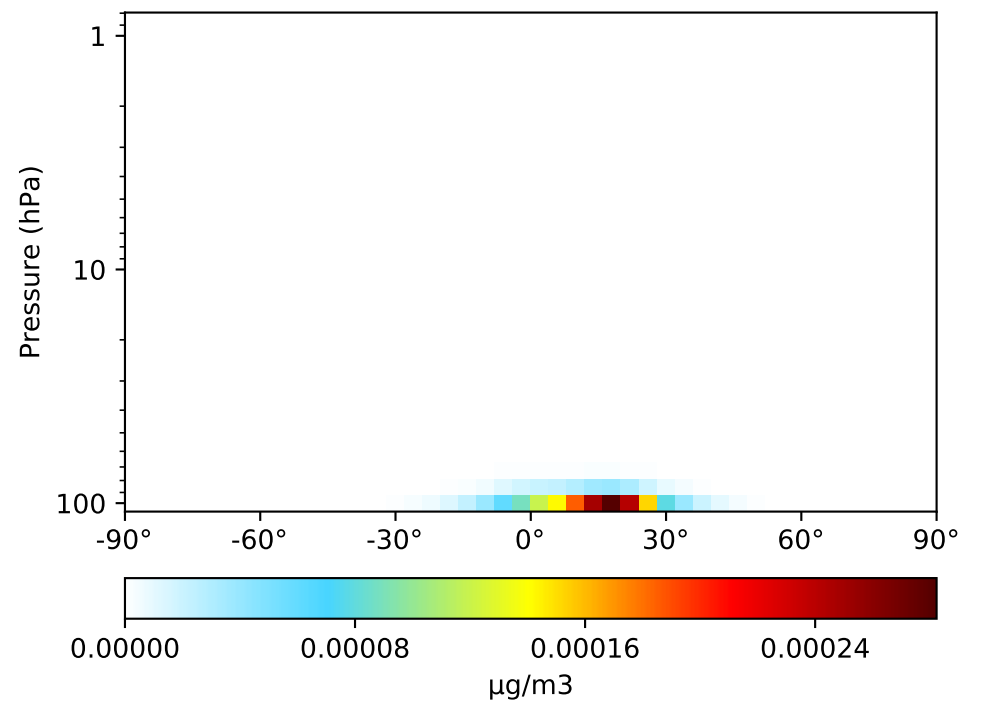


# SpeciesConc\_DST2, Zonal Mean

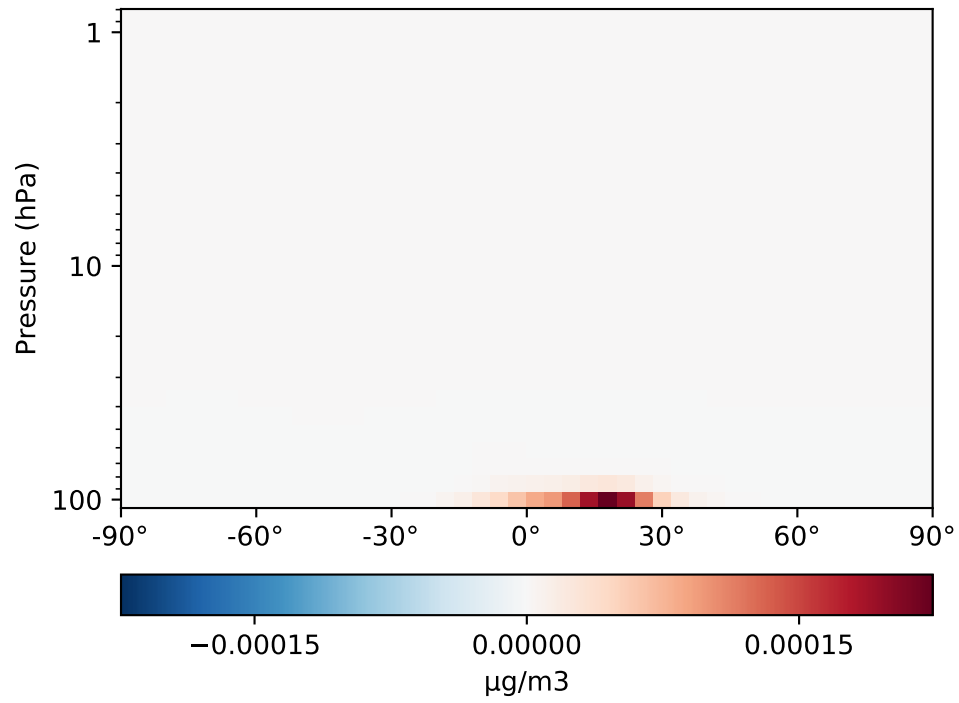
GCC\_12.9.0 (Ref)  
4.0x5.0



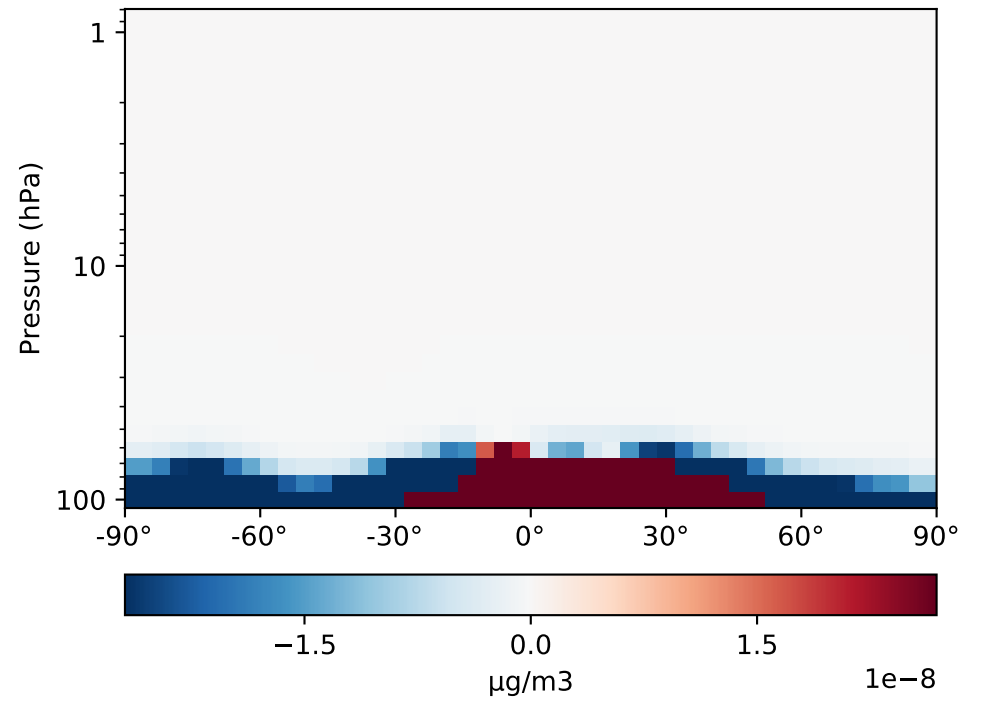
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



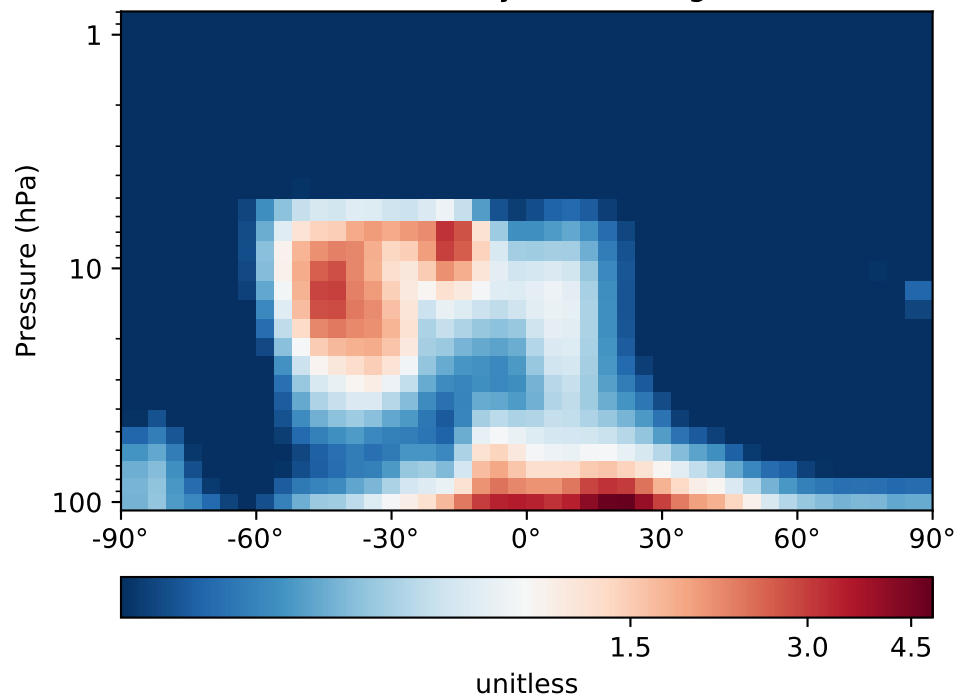
Difference  
Dev - Ref, Dynamic Range



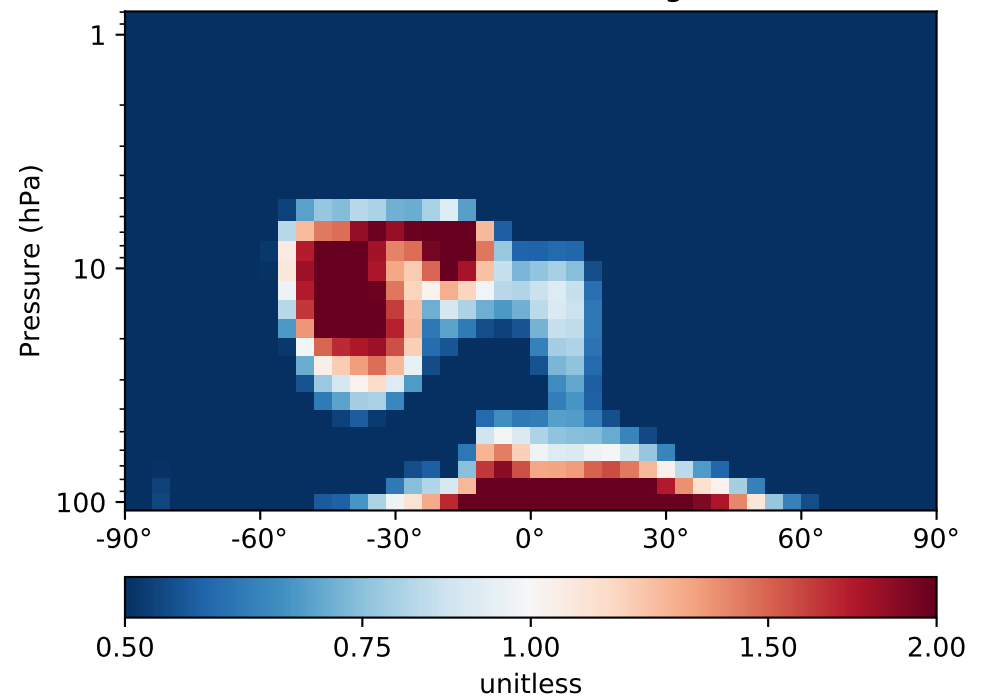
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

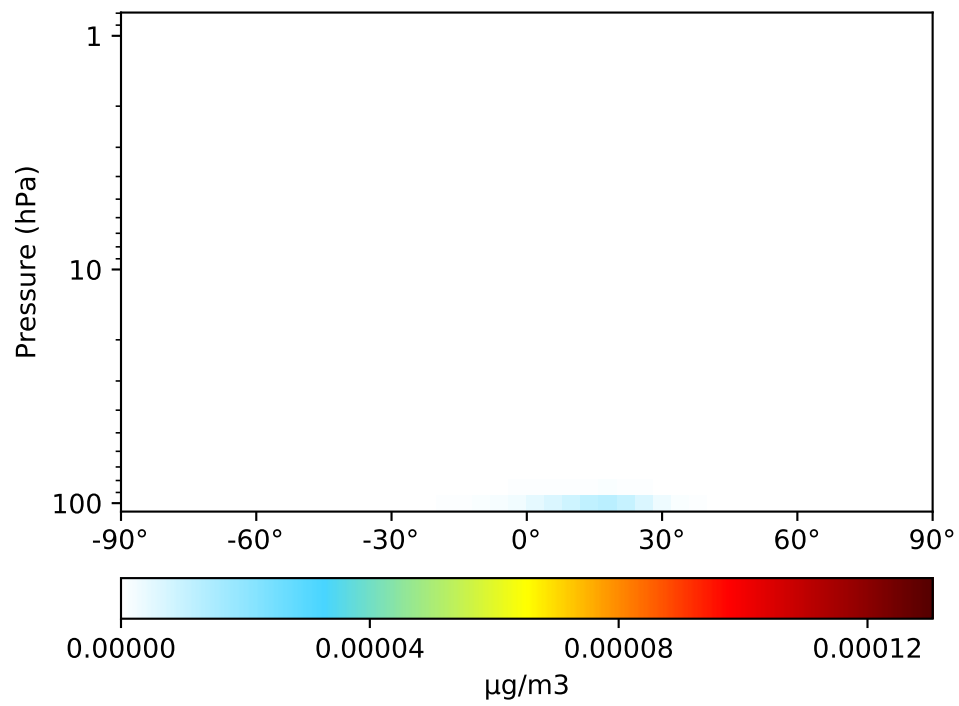


Ratio  
Dev/Ref, Fixed Range

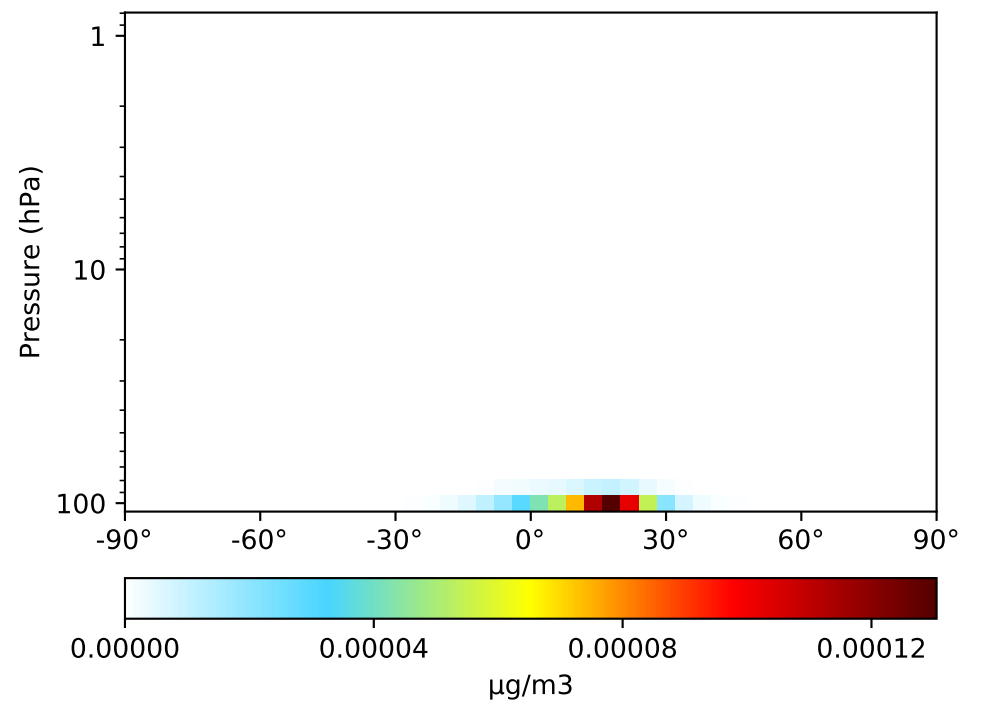


# SpeciesConc\_DST3, Zonal Mean

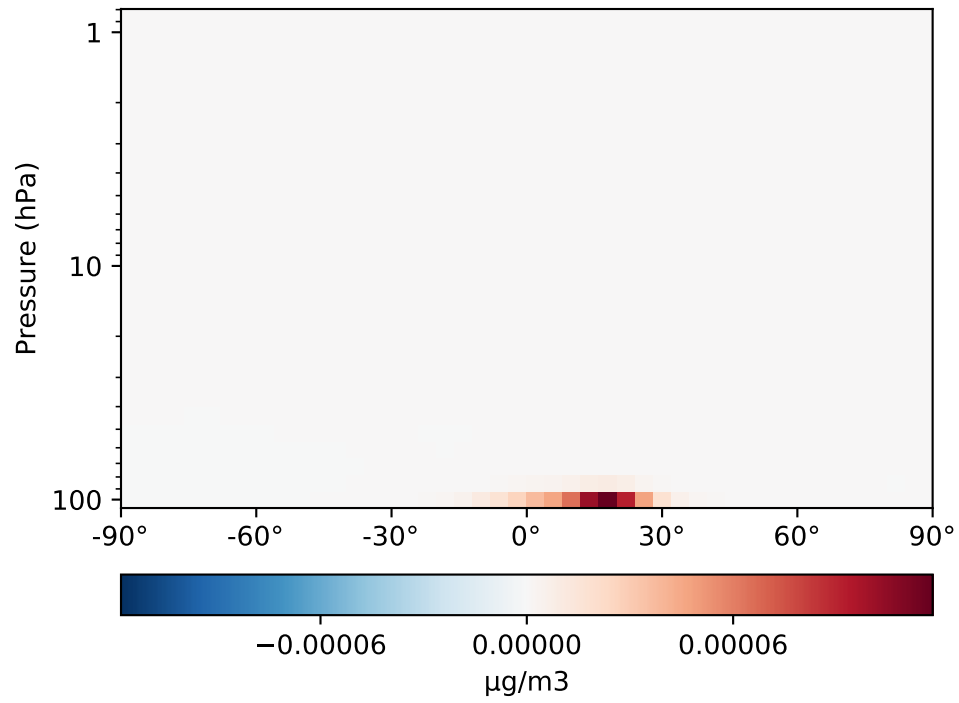
GCC\_12.9.0 (Ref)  
4.0x5.0



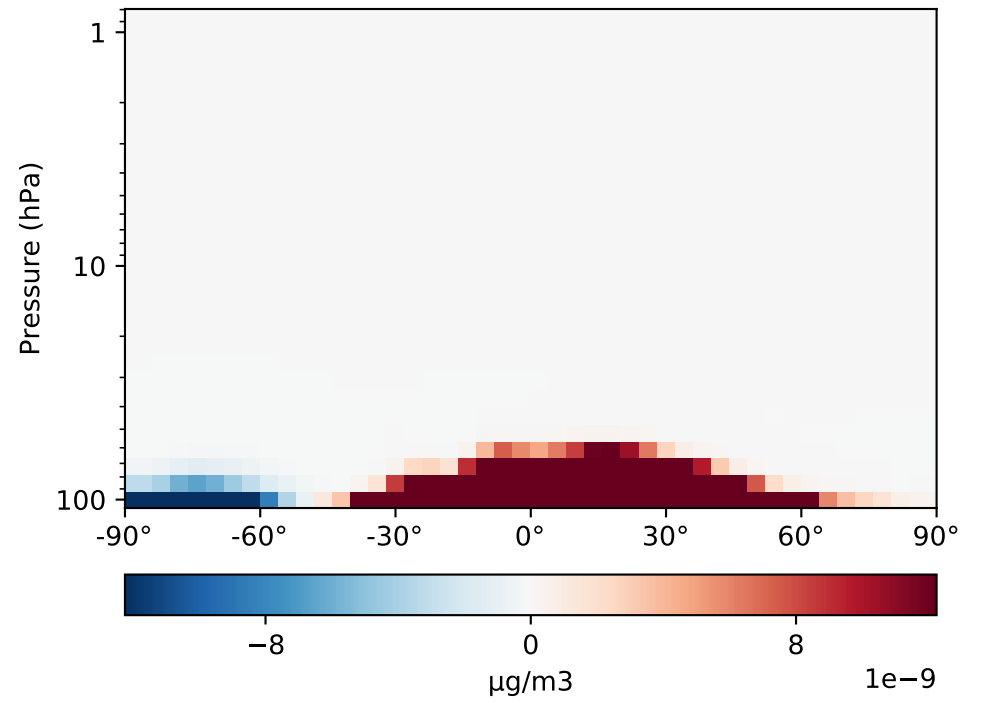
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



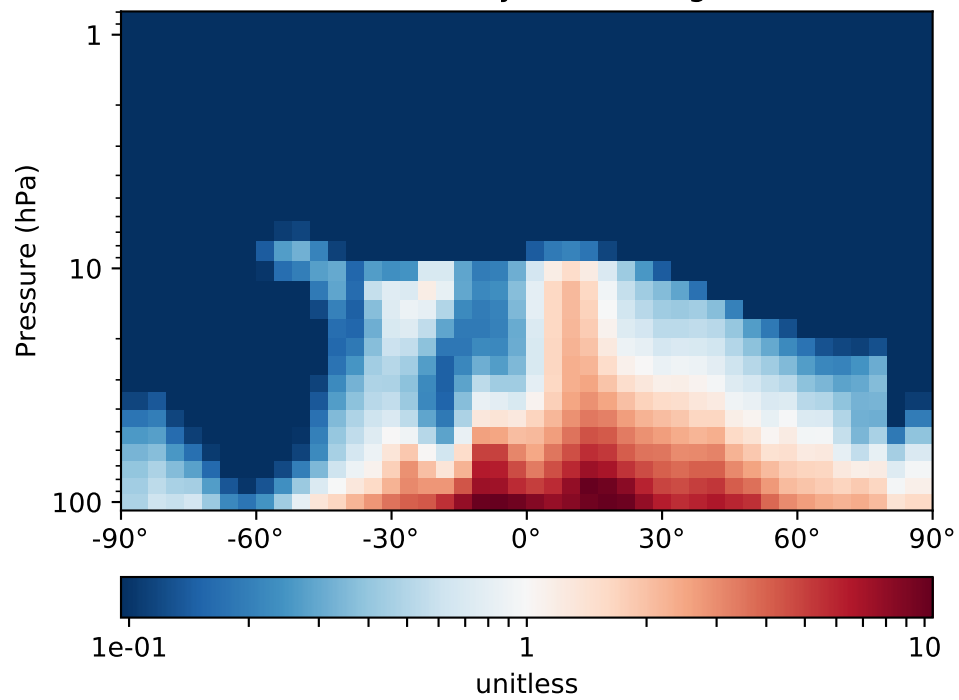
Difference  
Dev - Ref, Dynamic Range



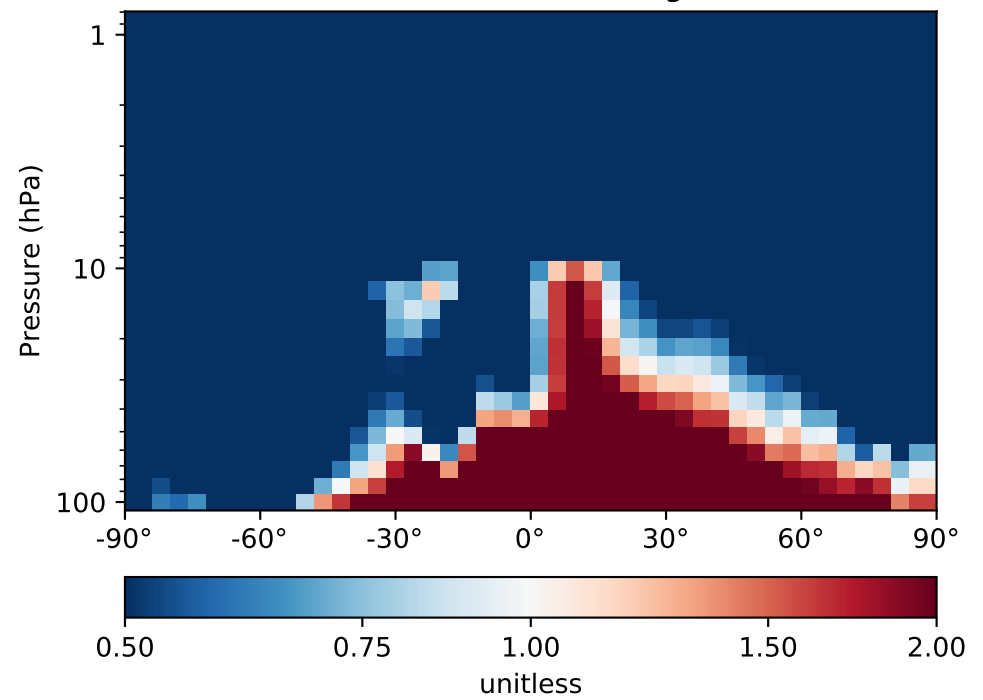
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

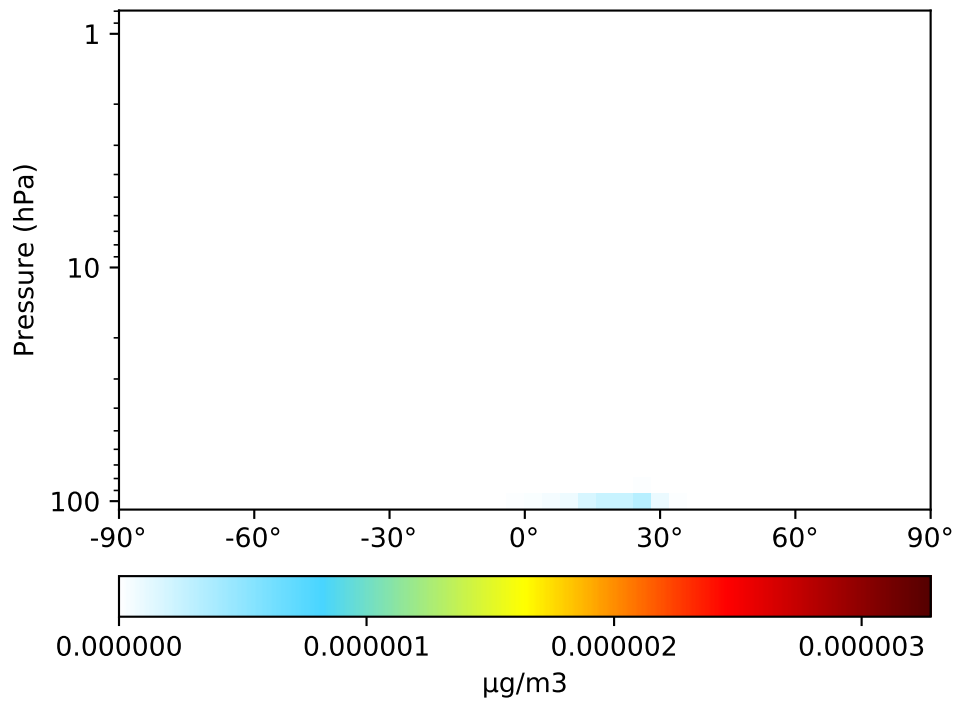


Ratio  
Dev/Ref, Fixed Range

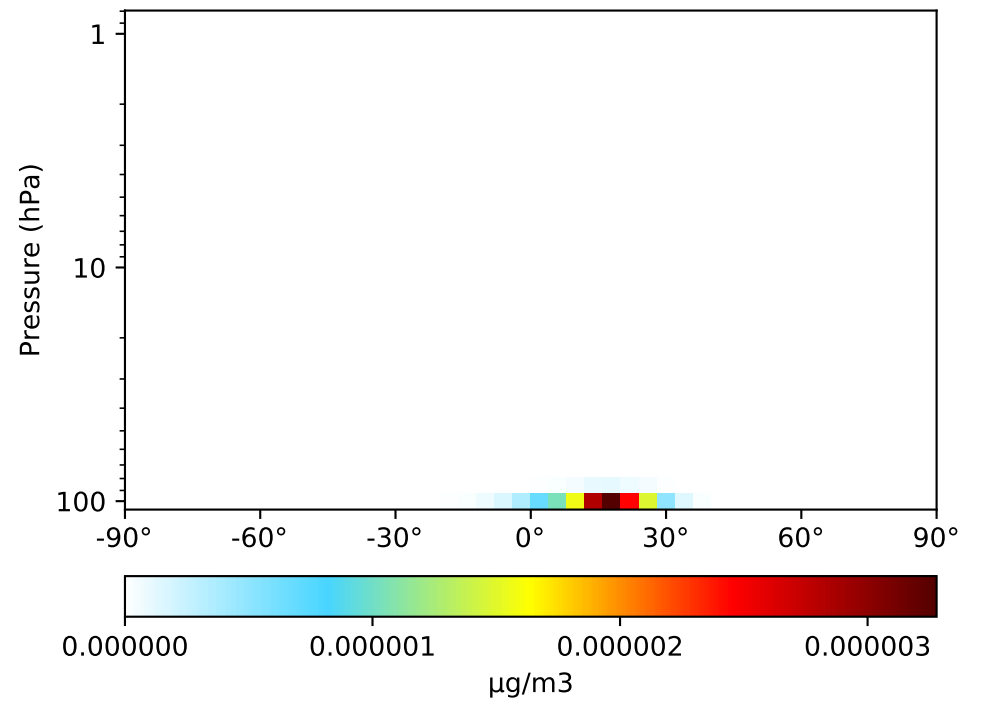


# SpeciesConc\_DST4, Zonal Mean

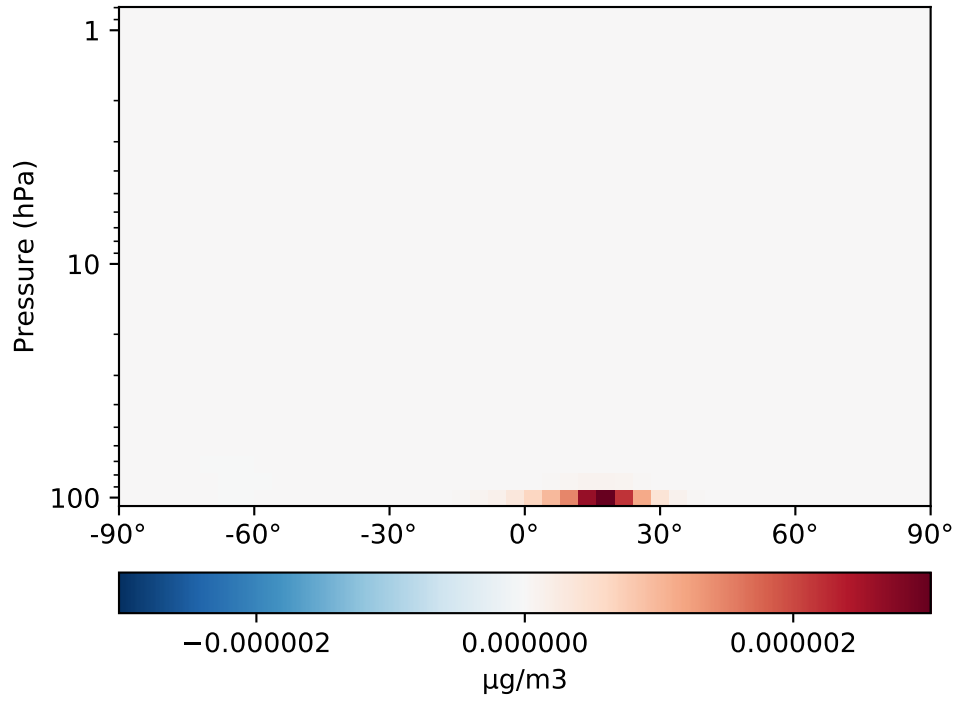
GCC\_12.9.0 (Ref)  
4.0x5.0



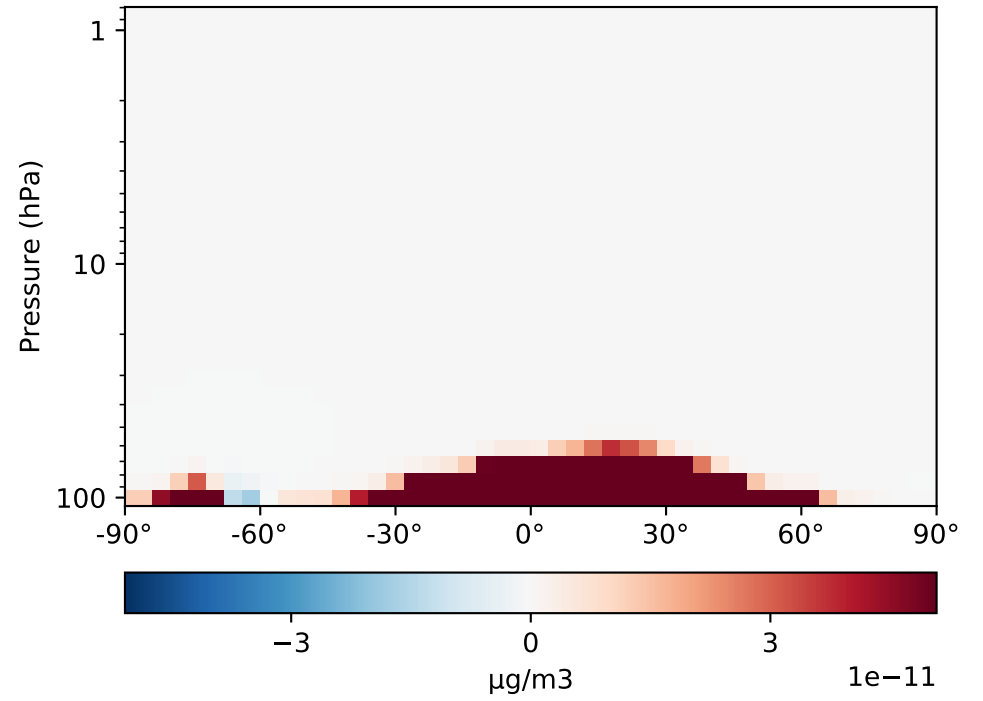
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



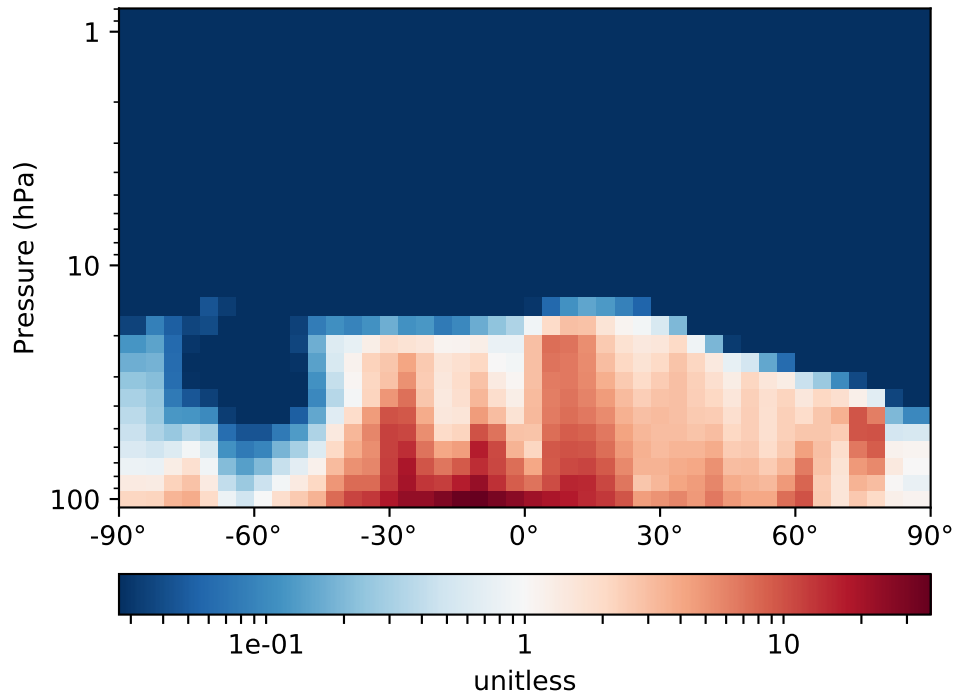
Difference  
Dev - Ref, Dynamic Range



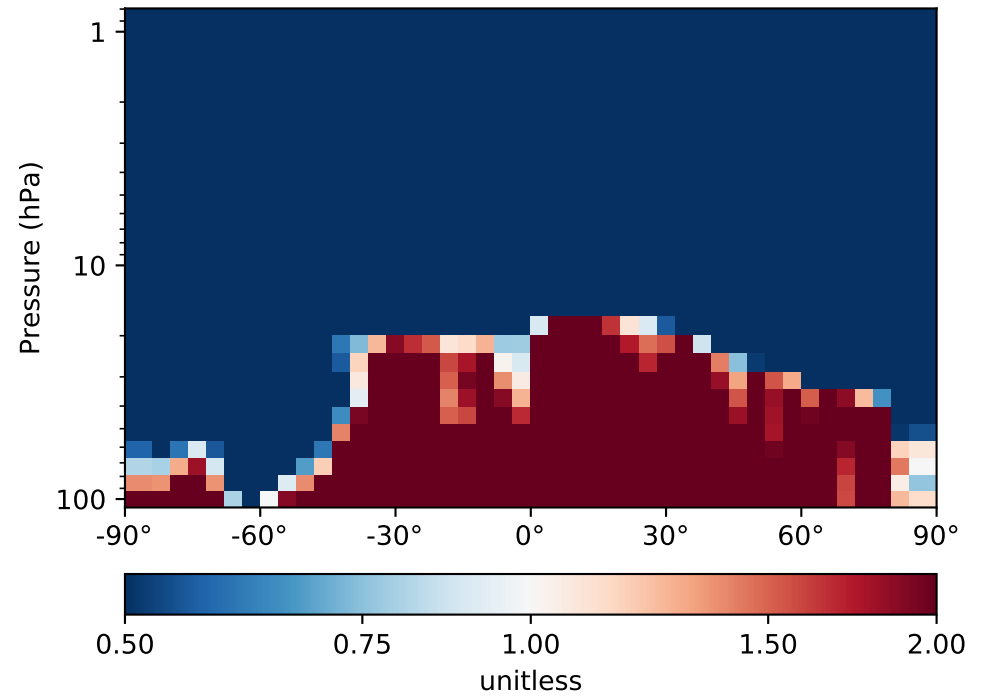
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

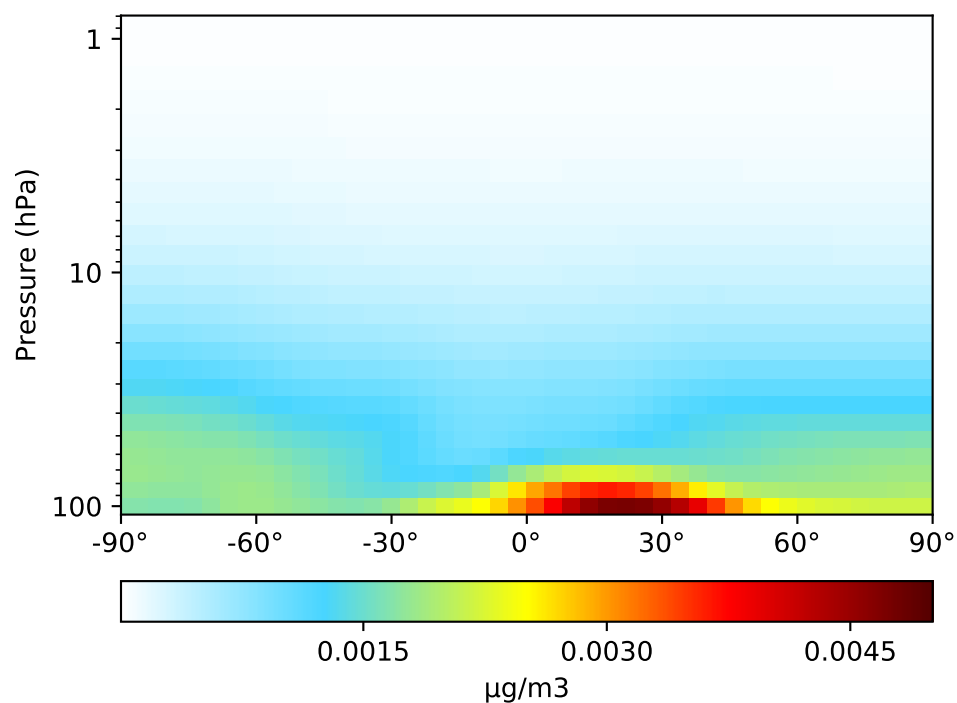


Ratio  
Dev/Ref, Fixed Range

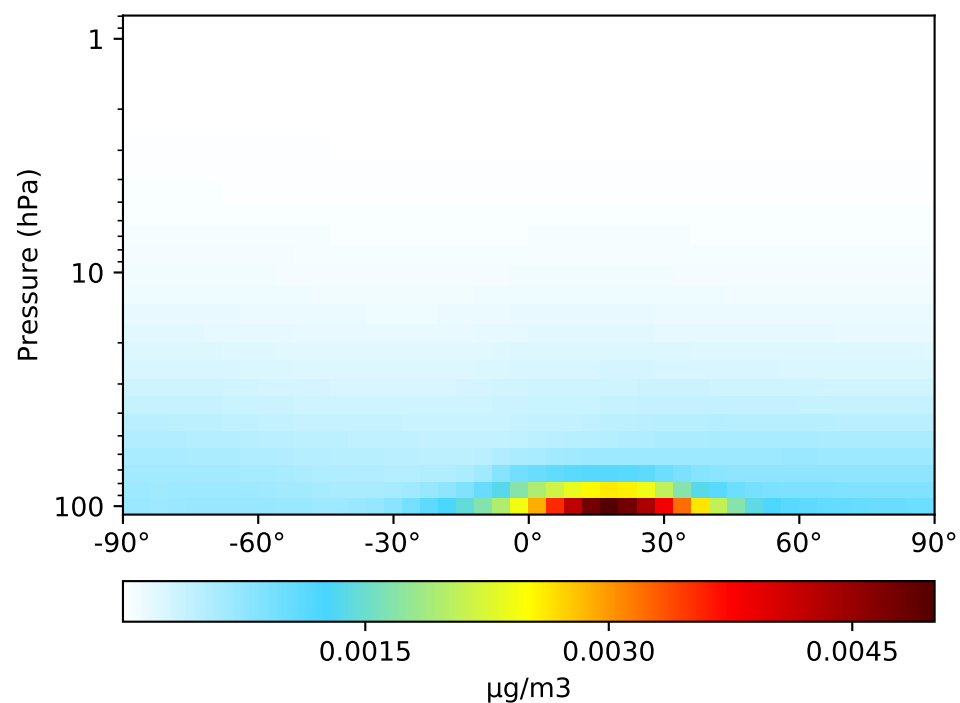


# SpeciesConc\_NH4, Zonal Mean

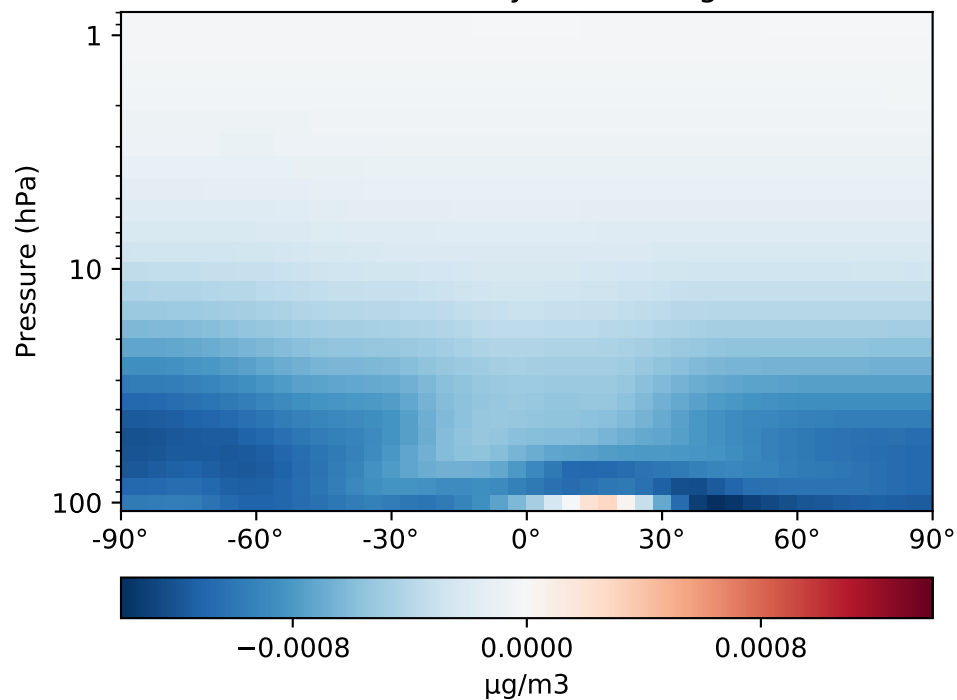
GCC\_12.9.0 (Ref)  
4.0x5.0



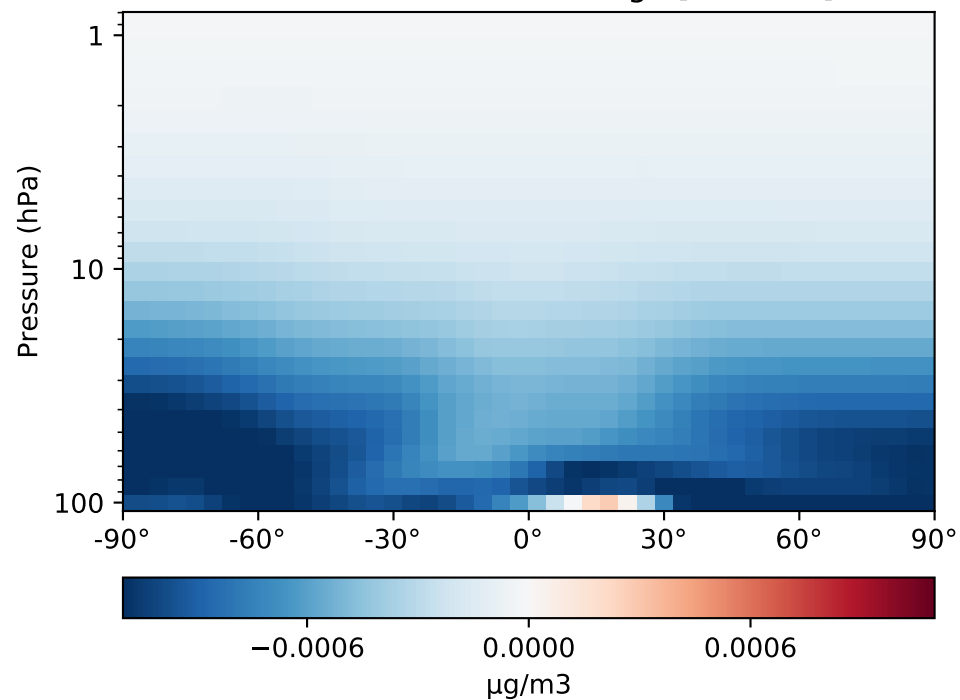
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



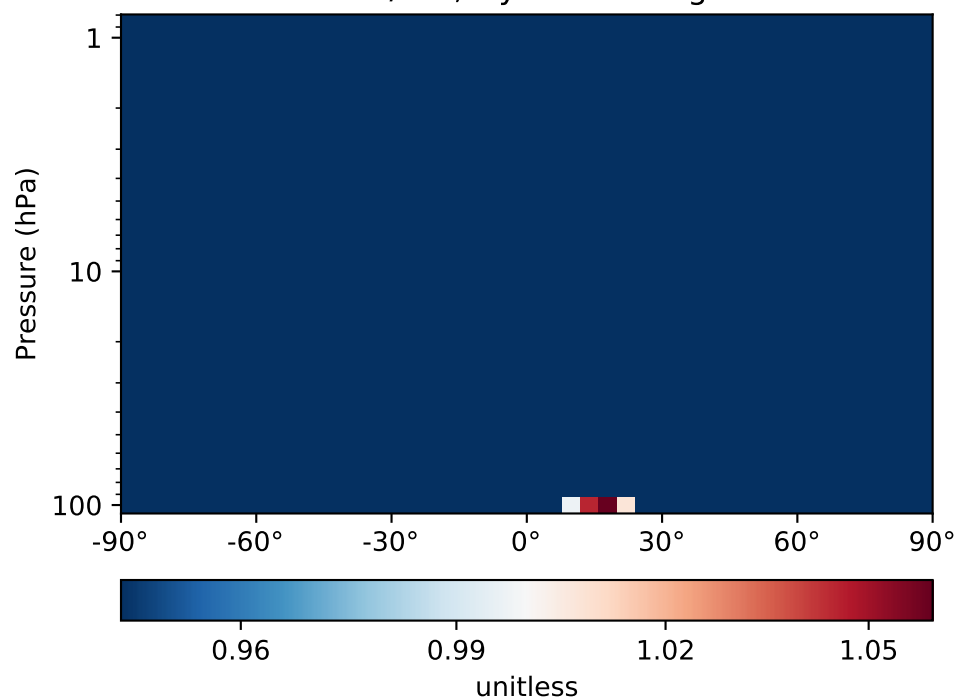
Difference  
Dev - Ref, Dynamic Range



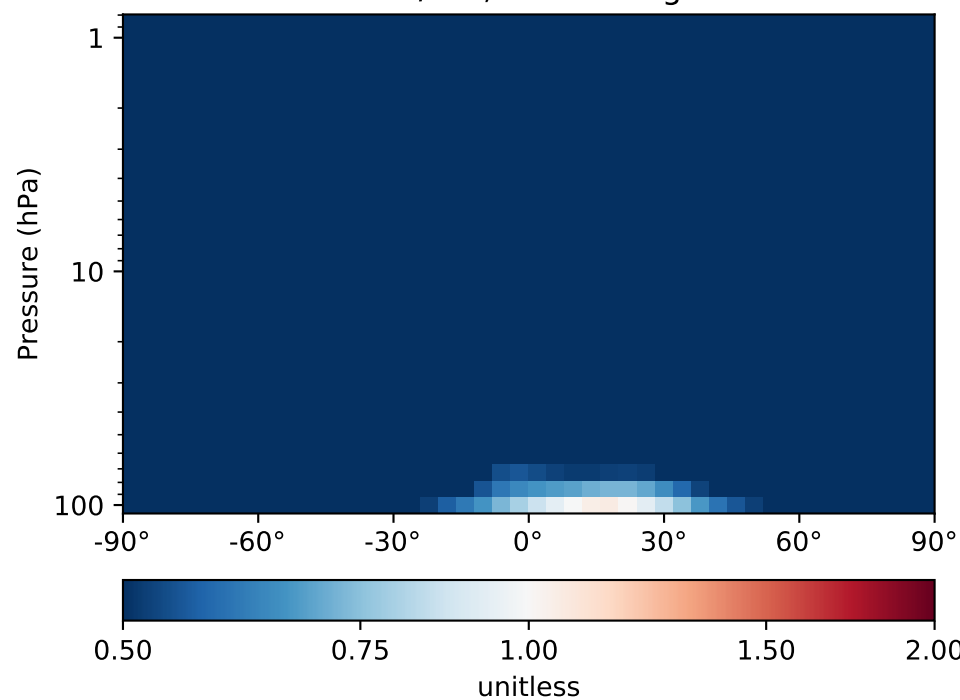
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

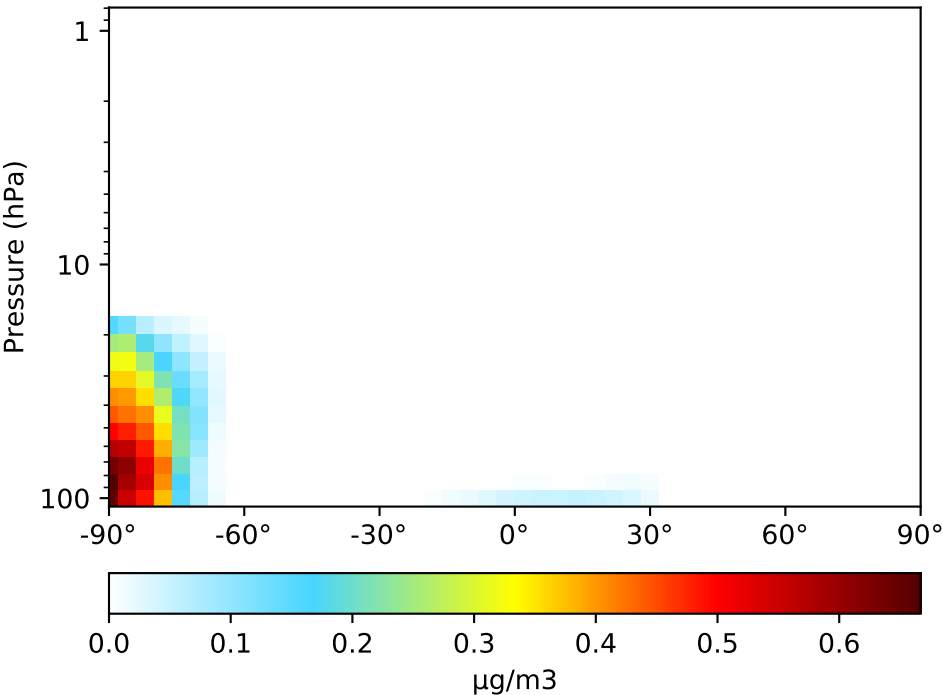


Ratio  
Dev/Ref, Fixed Range

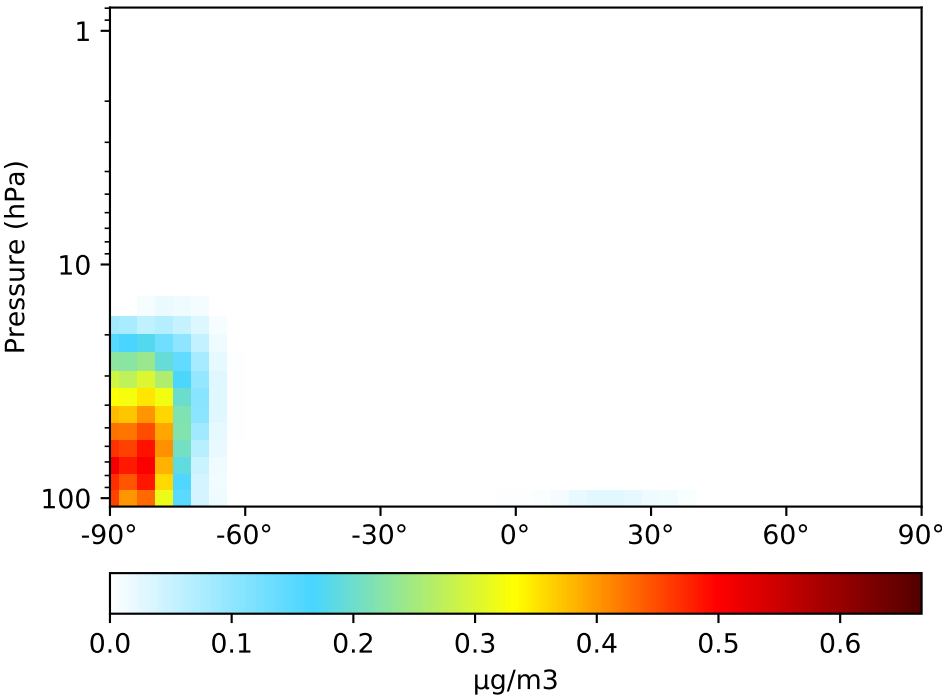


# SpeciesConc\_NIT, Zonal Mean

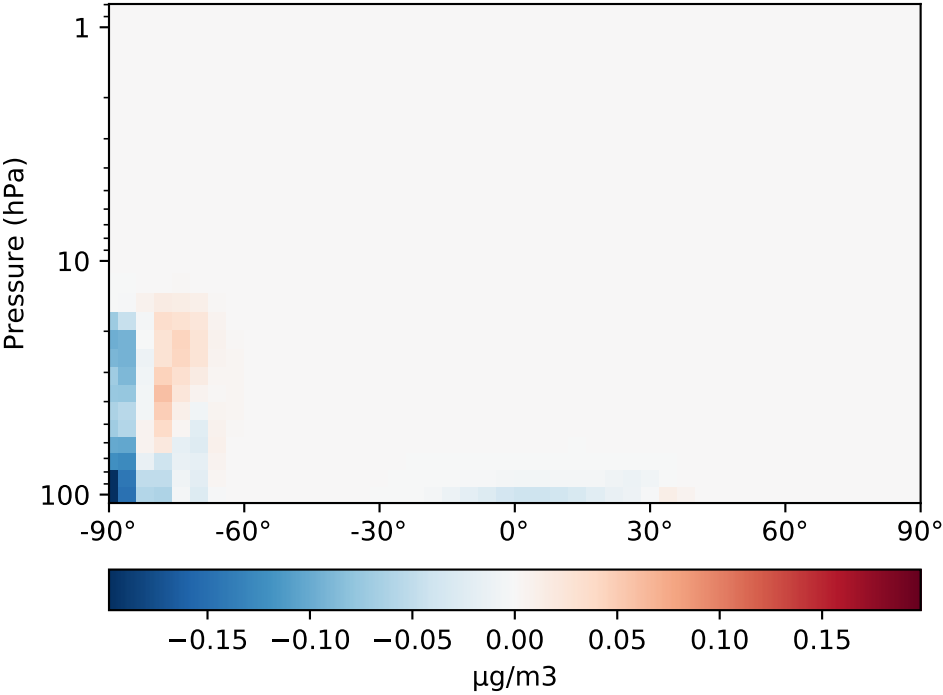
GCC\_12.9.0 (Ref)  
4.0x5.0



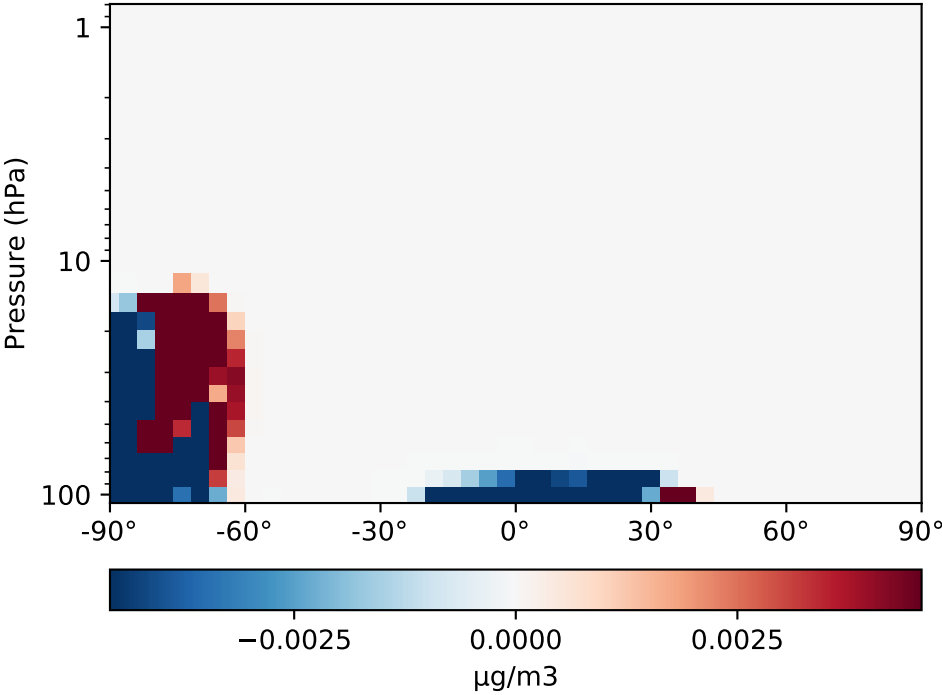
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



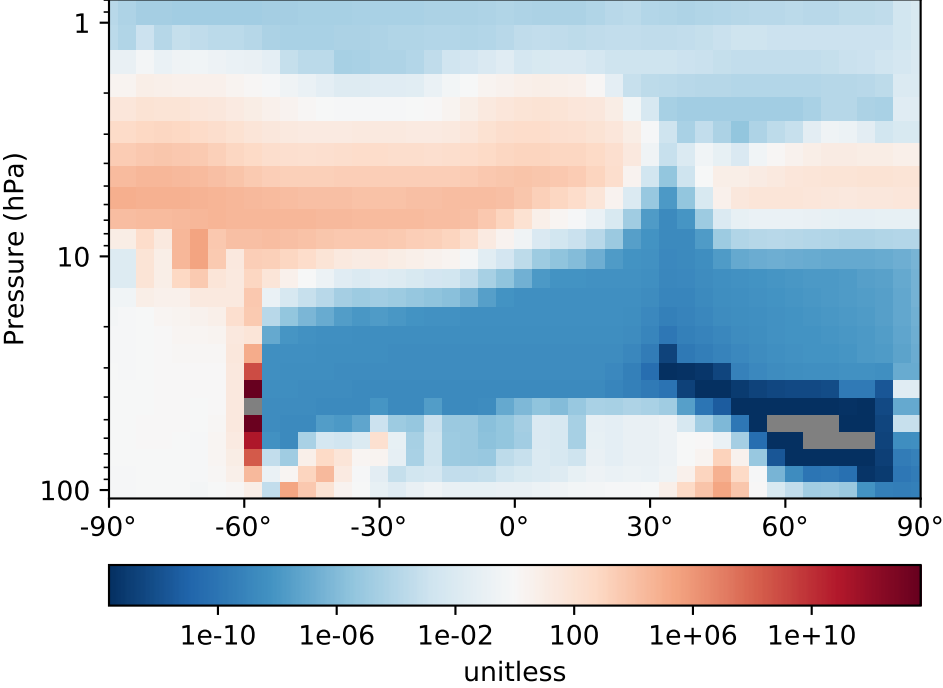
Difference  
Dev - Ref, Dynamic Range



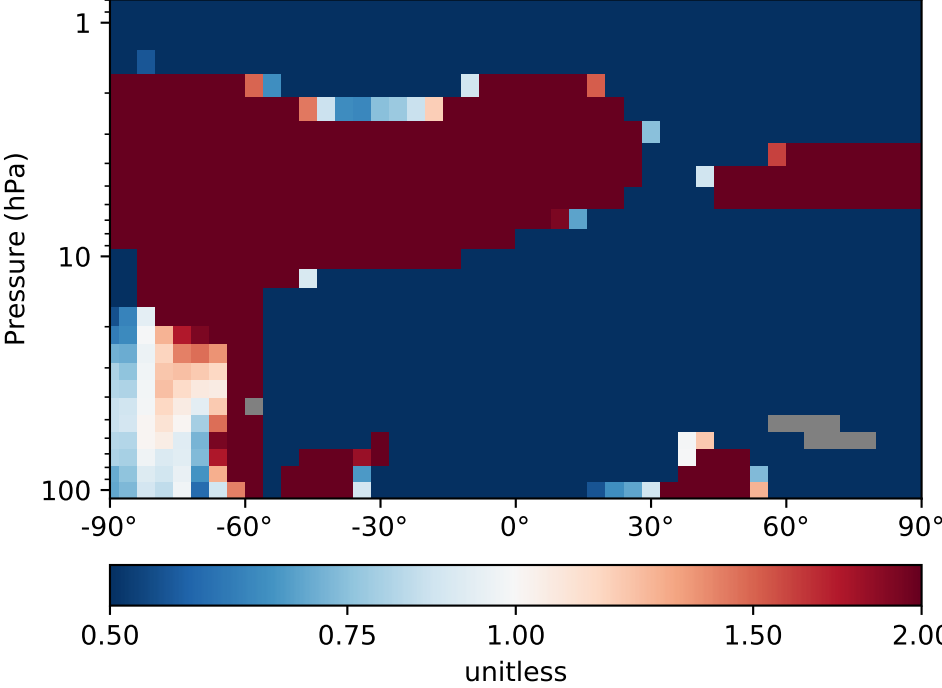
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



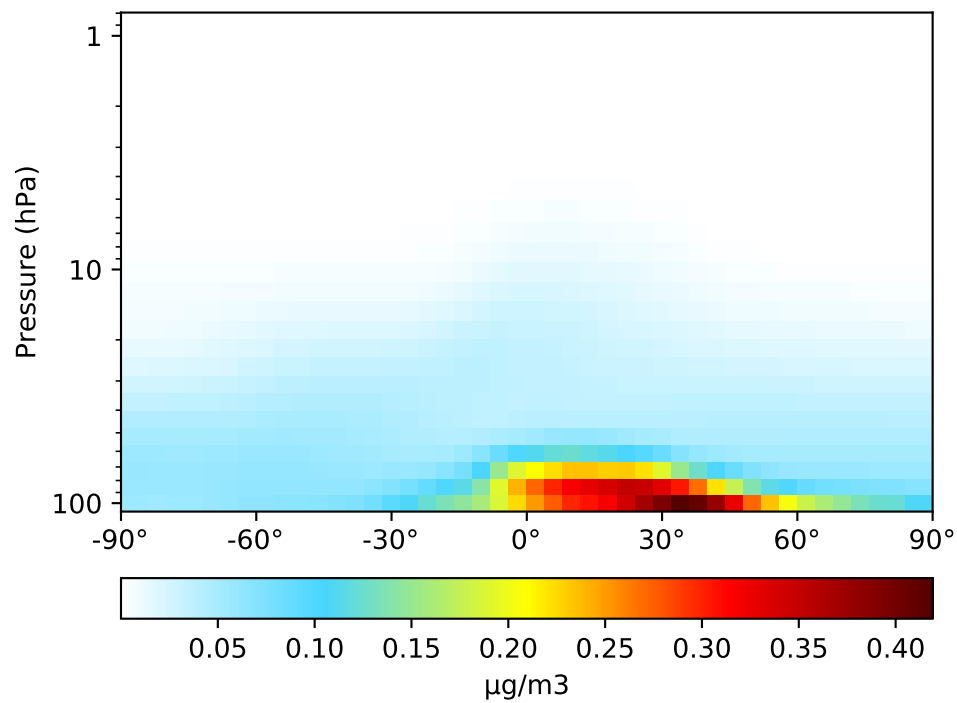
Ratio  
Dev/Ref, Fixed Range



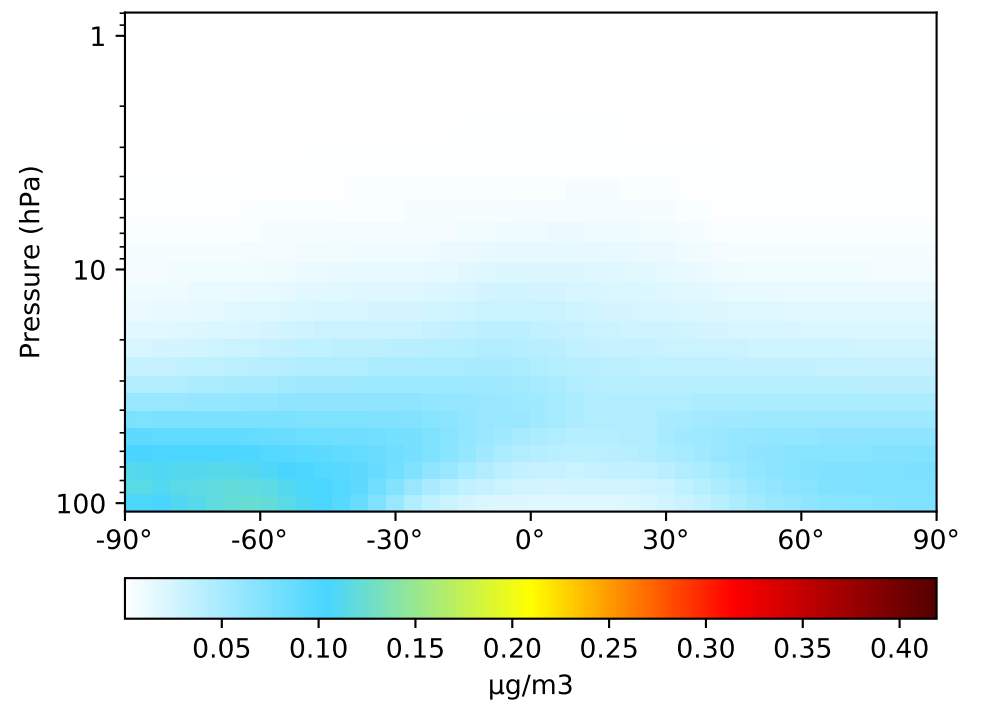


# SpeciesConc\_SO4, Zonal Mean

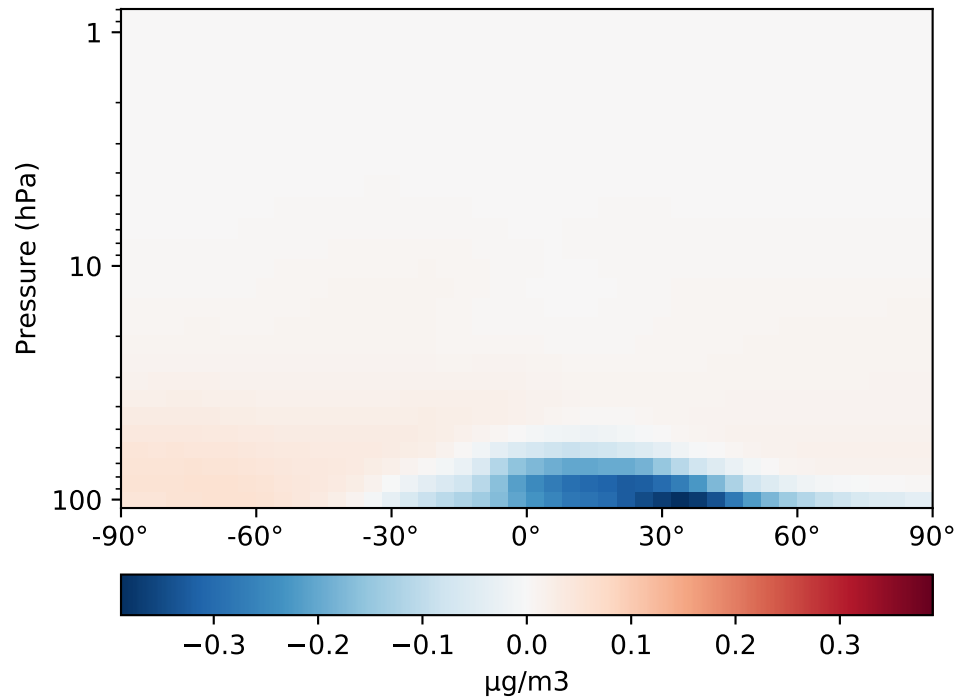
GCC\_12.9.0 (Ref)  
4.0x5.0



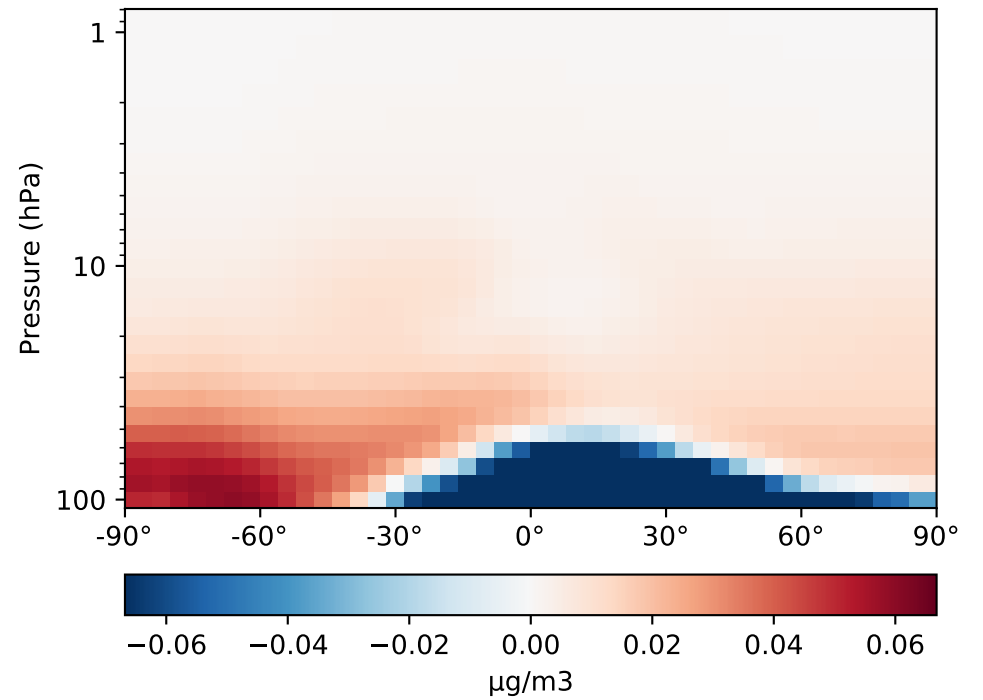
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



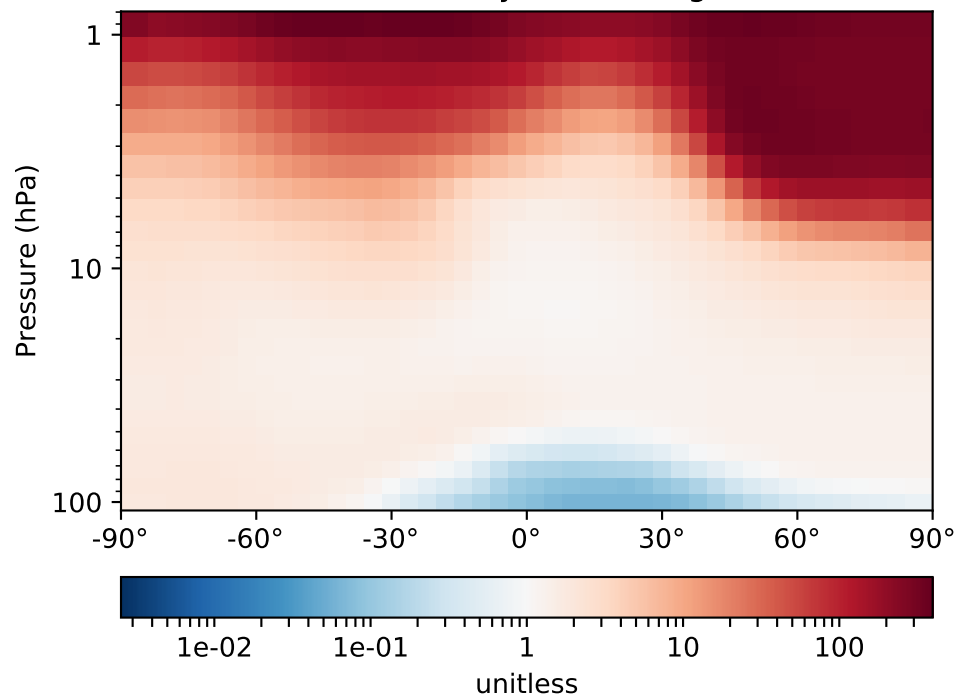
Difference  
Dev - Ref, Dynamic Range



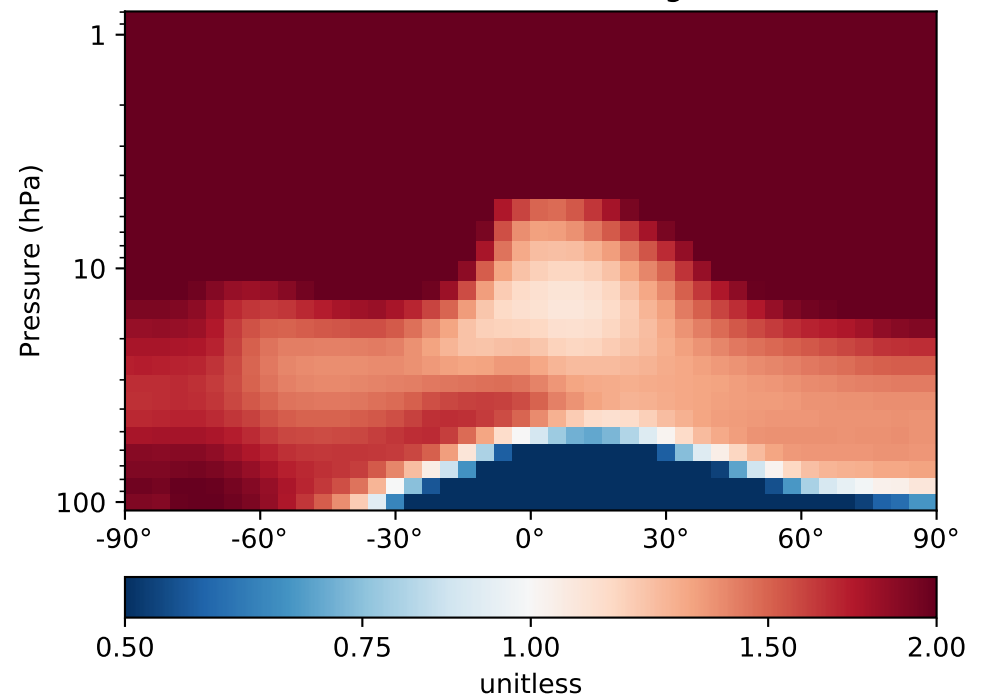
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

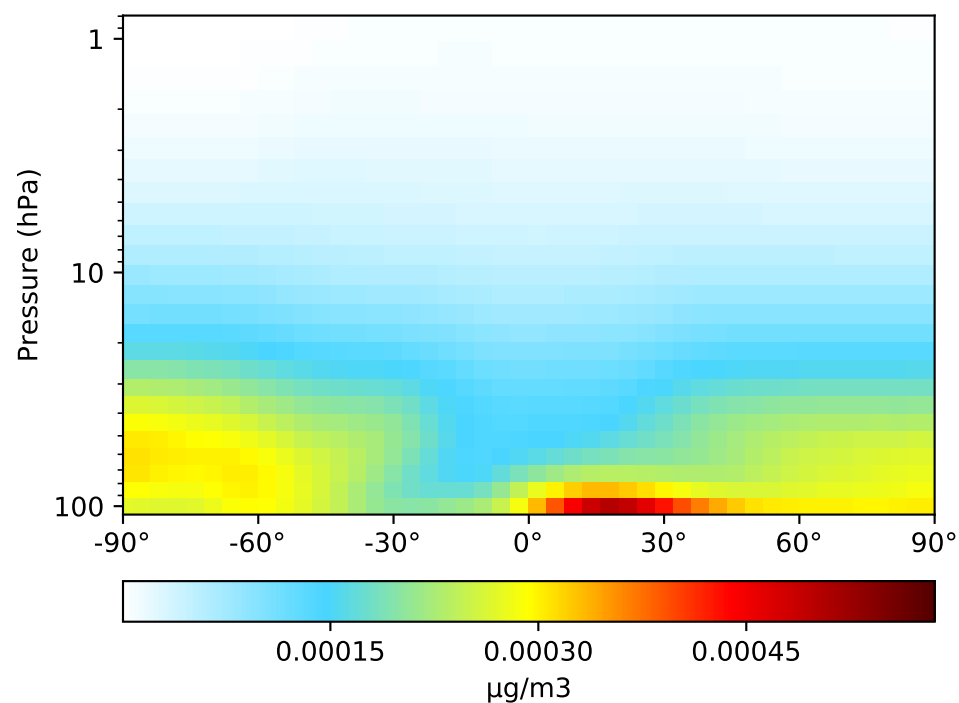


Ratio  
Dev/Ref, Fixed Range

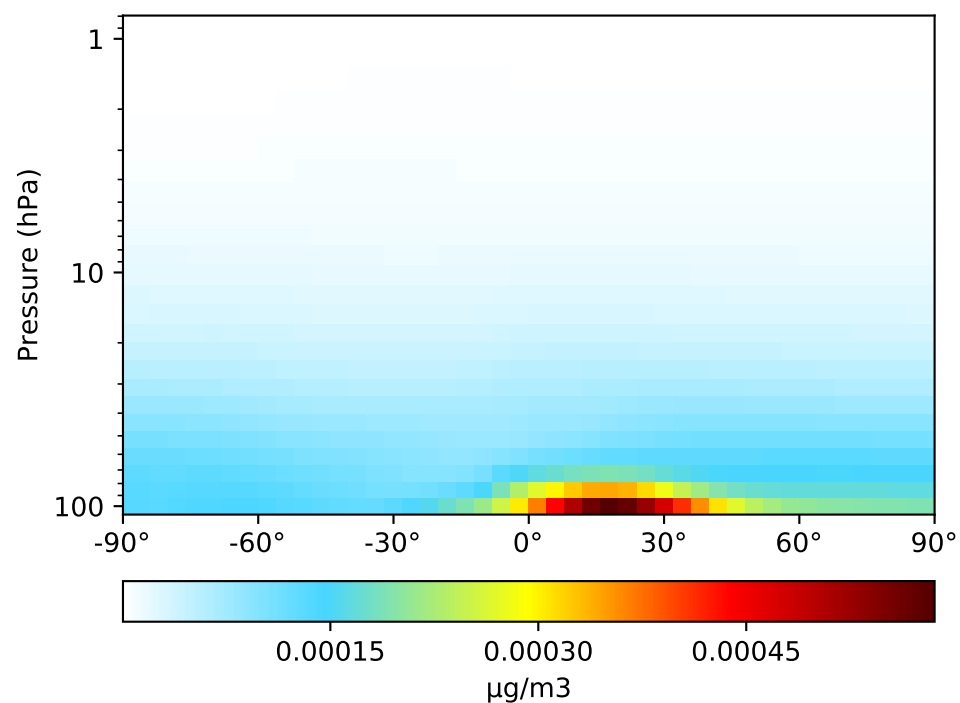


# SpeciesConc\_BCPI, Zonal Mean

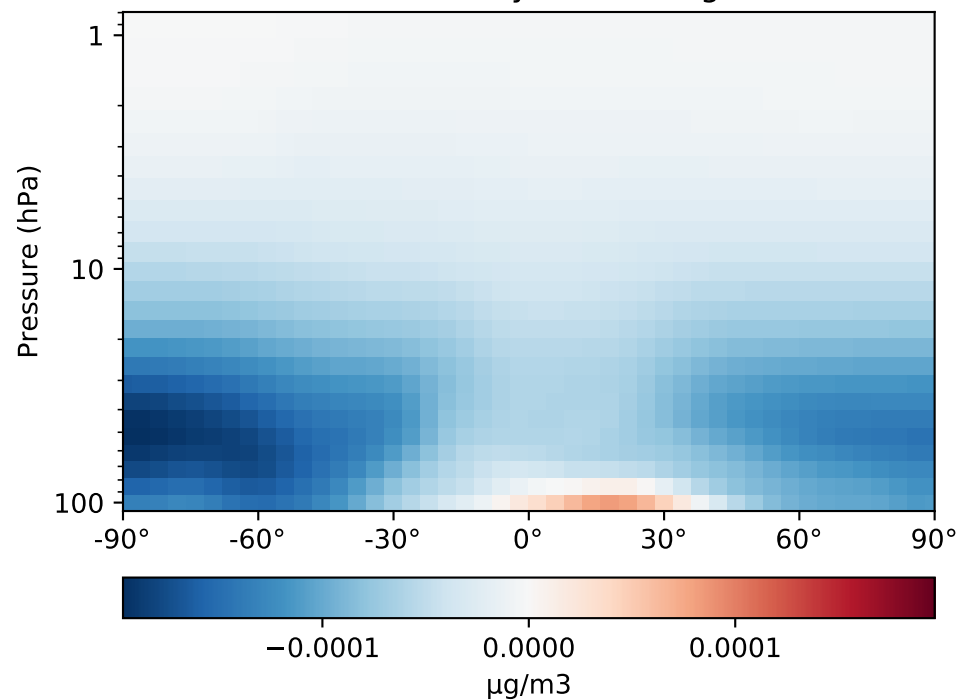
GCC\_12.9.0 (Ref)  
4.0x5.0



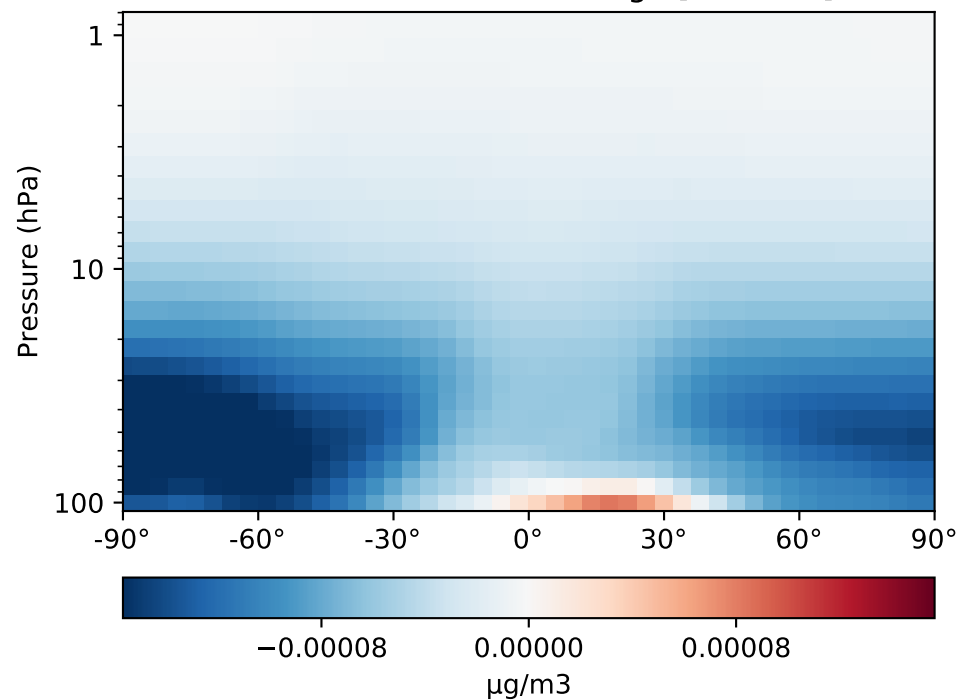
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



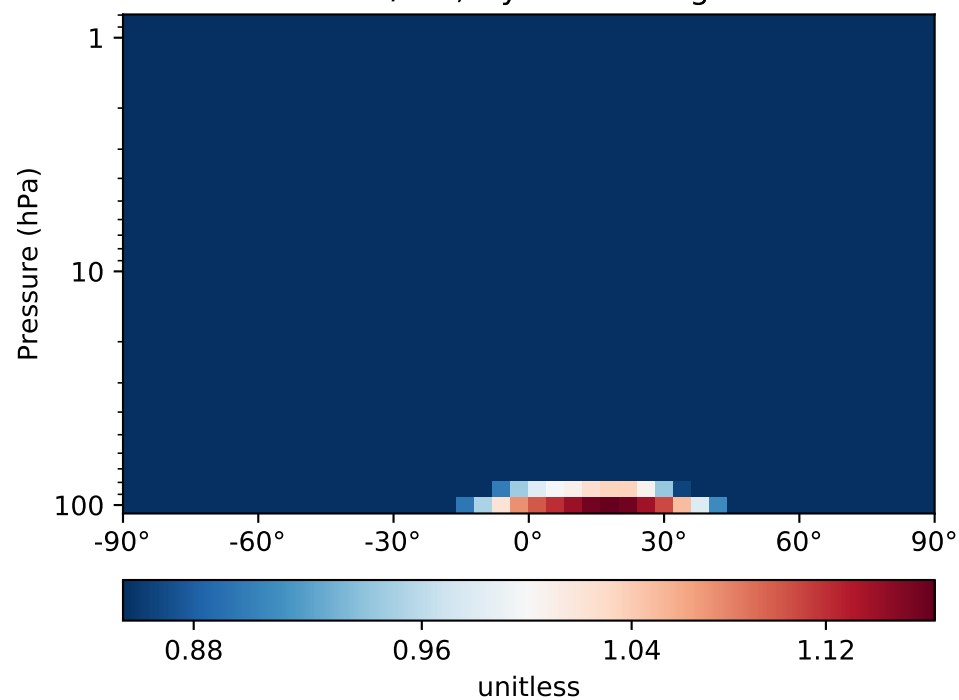
Difference  
Dev - Ref, Dynamic Range



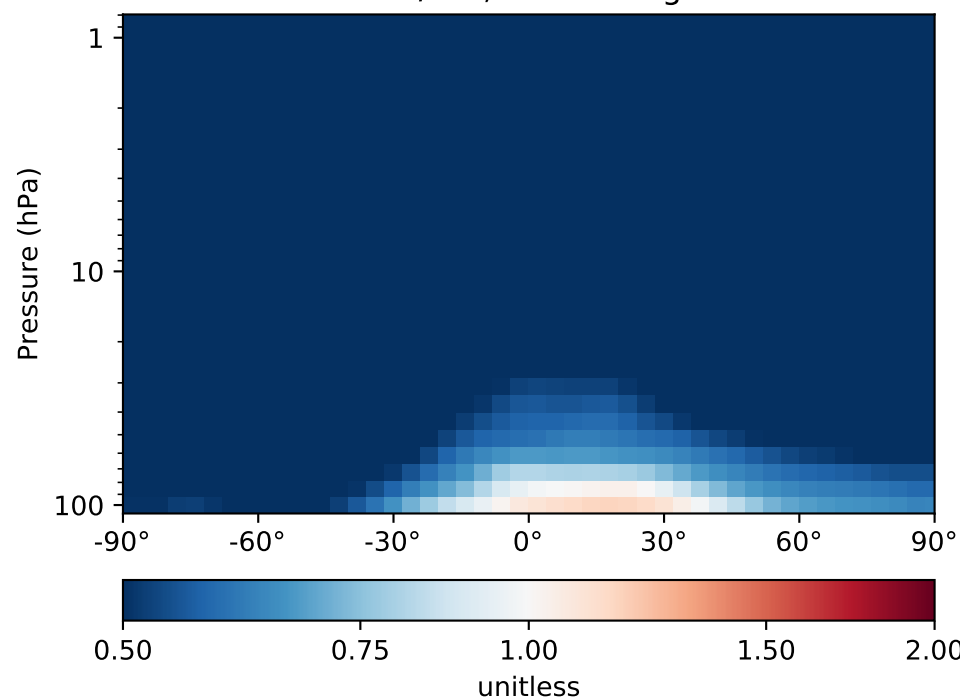
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



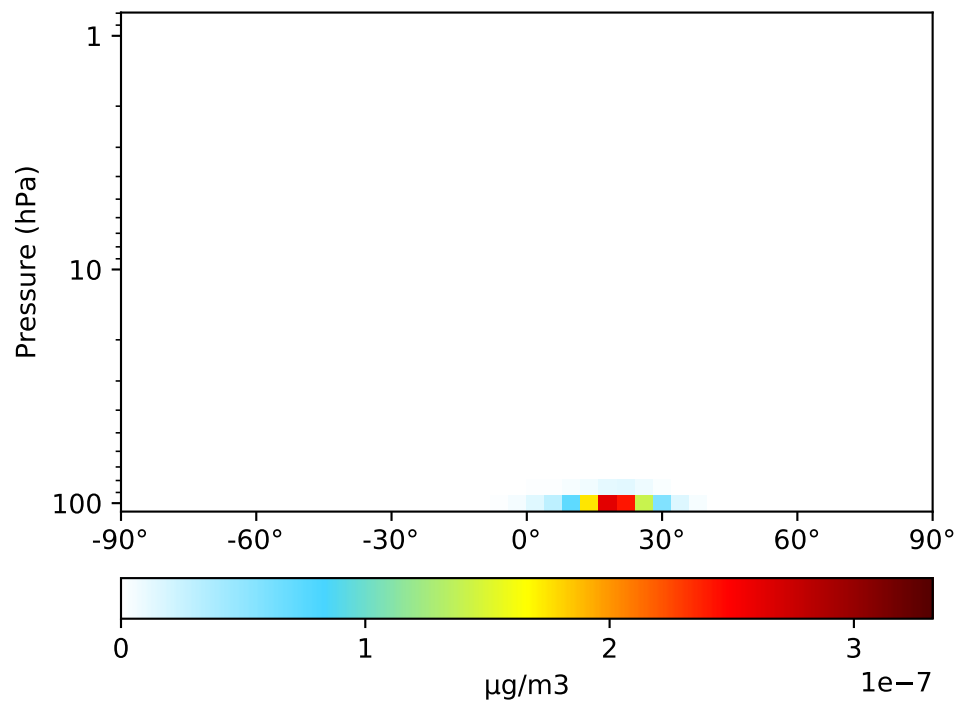
Ratio  
Dev/Ref, Fixed Range



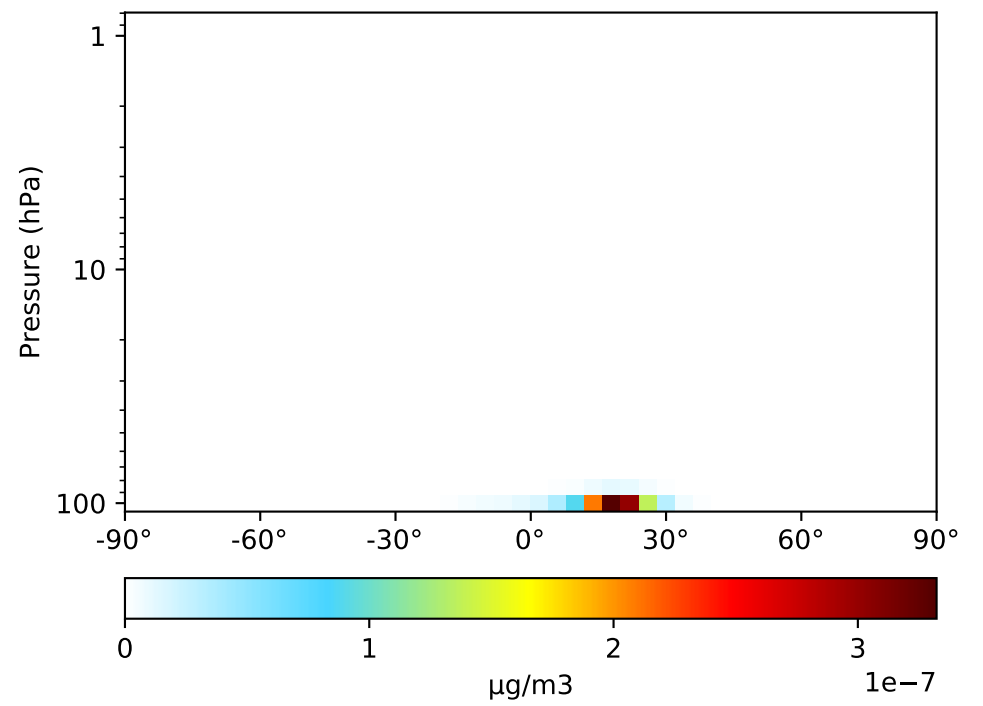


# SpeciesConc\_BCPO, Zonal Mean

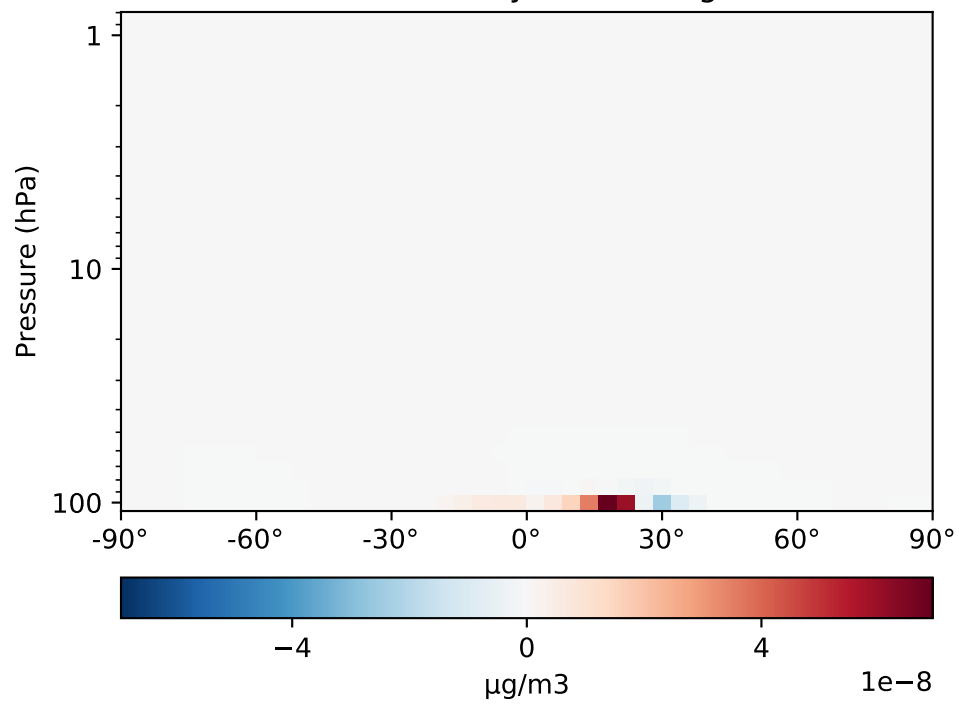
GCC\_12.9.0 (Ref)  
4.0x5.0



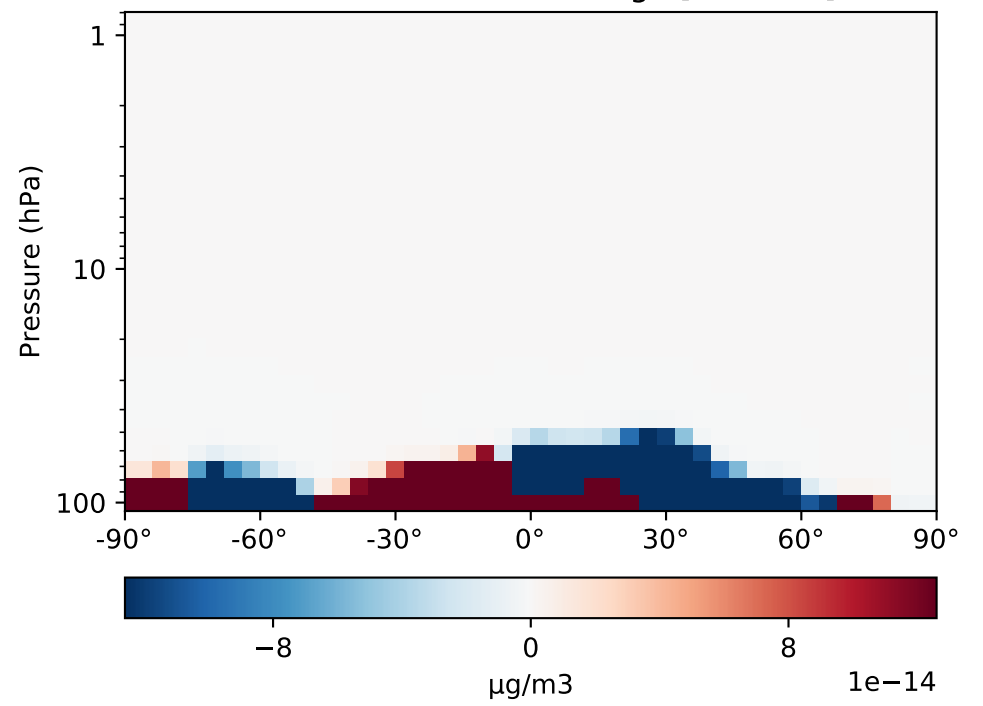
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



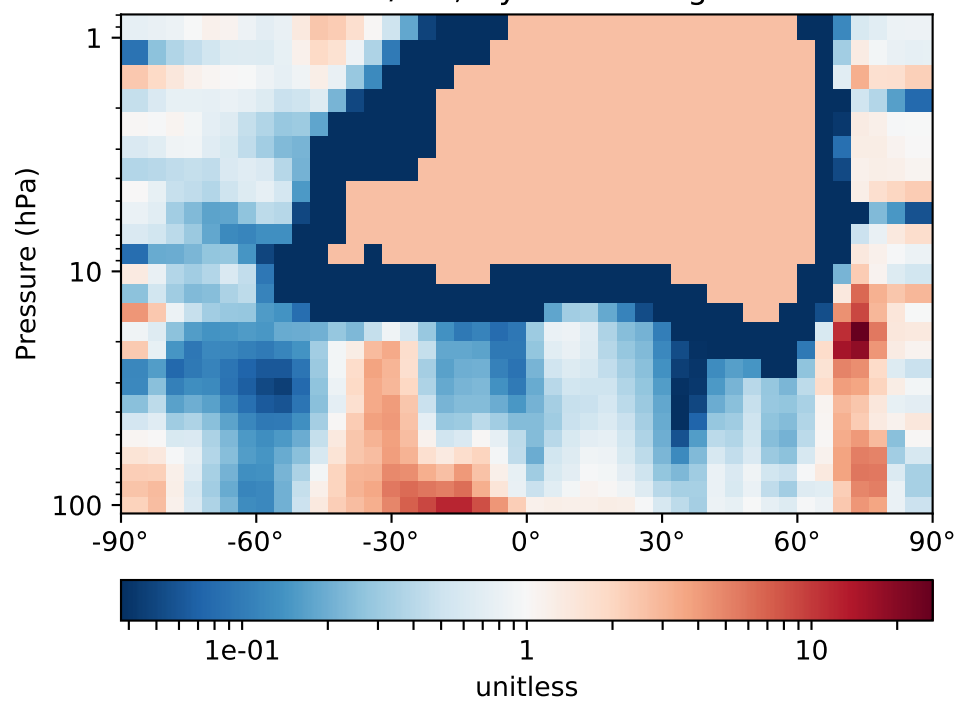
Difference  
Dev - Ref, Dynamic Range



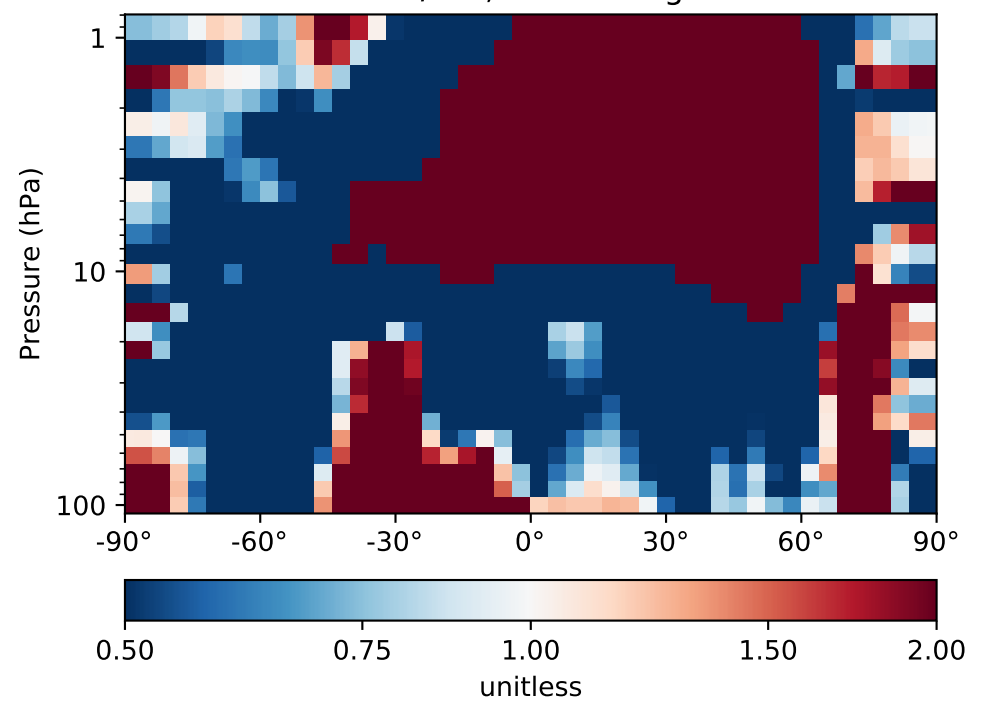
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

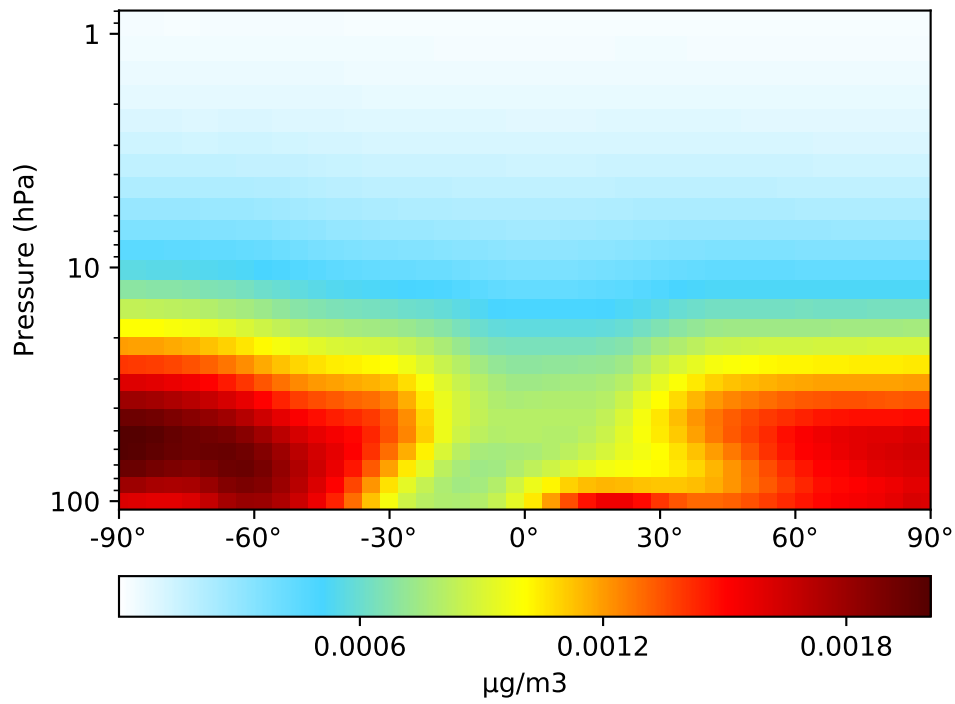


Ratio  
Dev/Ref, Fixed Range

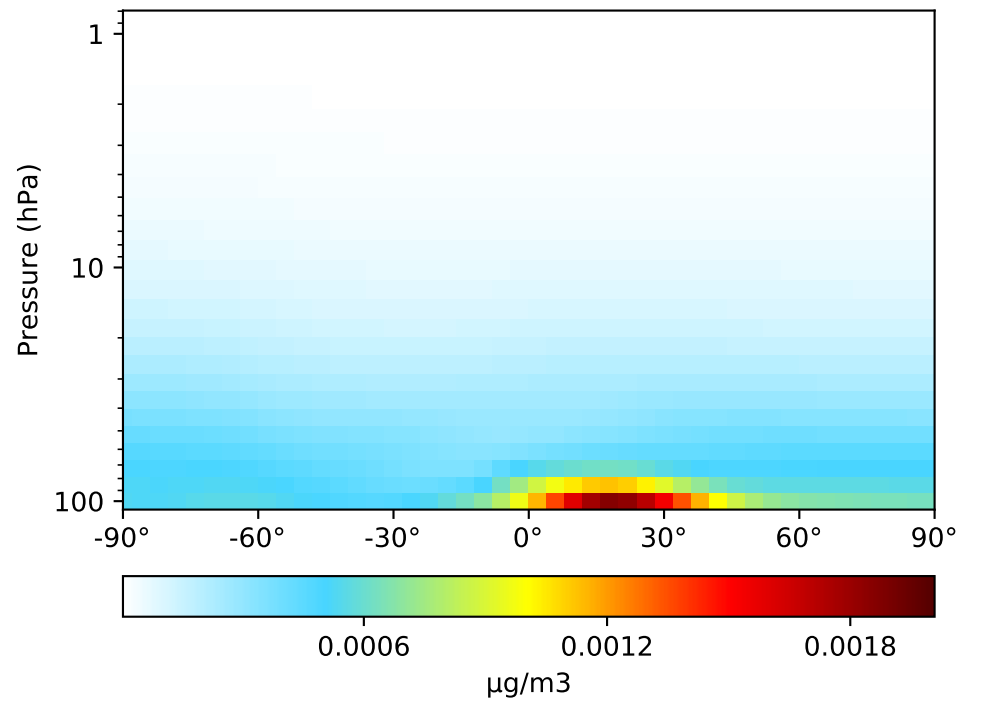


# SpeciesConc\_OCPI, Zonal Mean

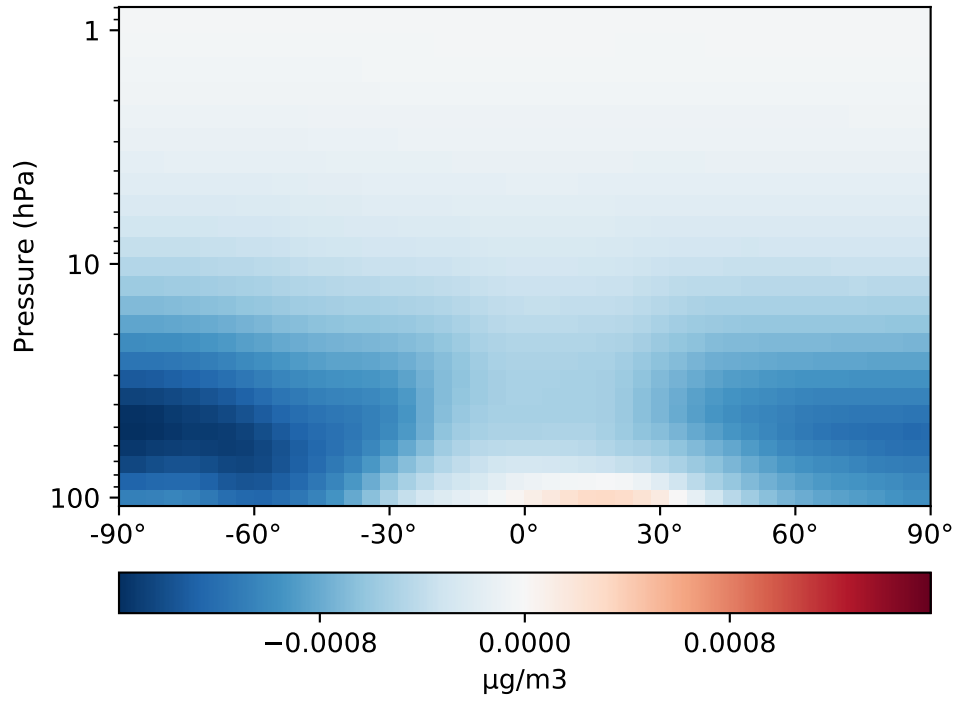
GCC\_12.9.0 (Ref)  
4.0x5.0



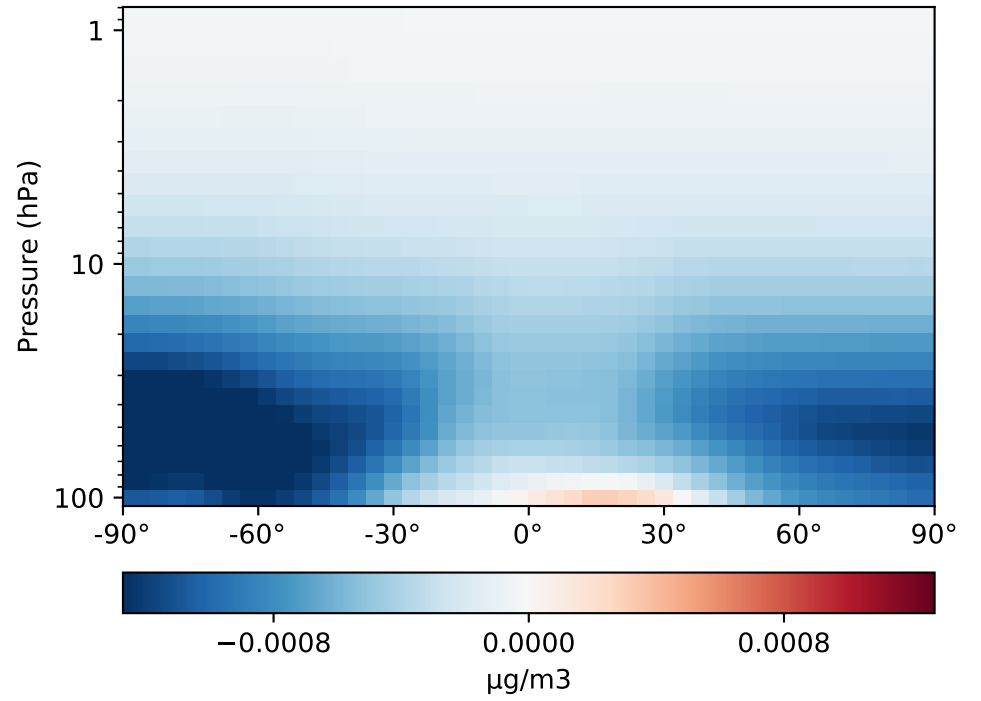
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



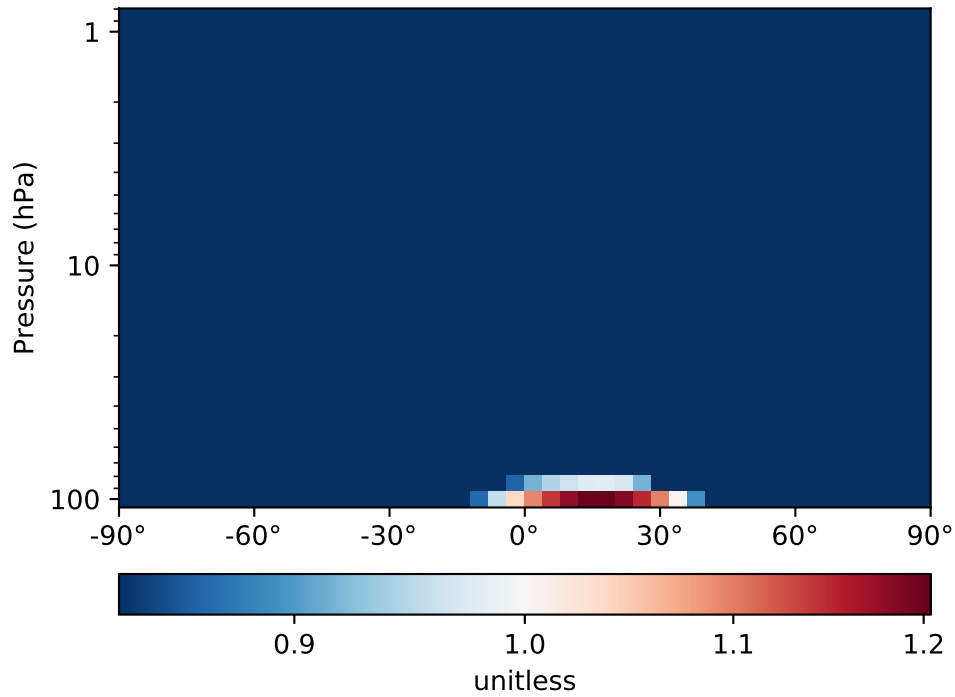
Difference  
Dev - Ref, Dynamic Range



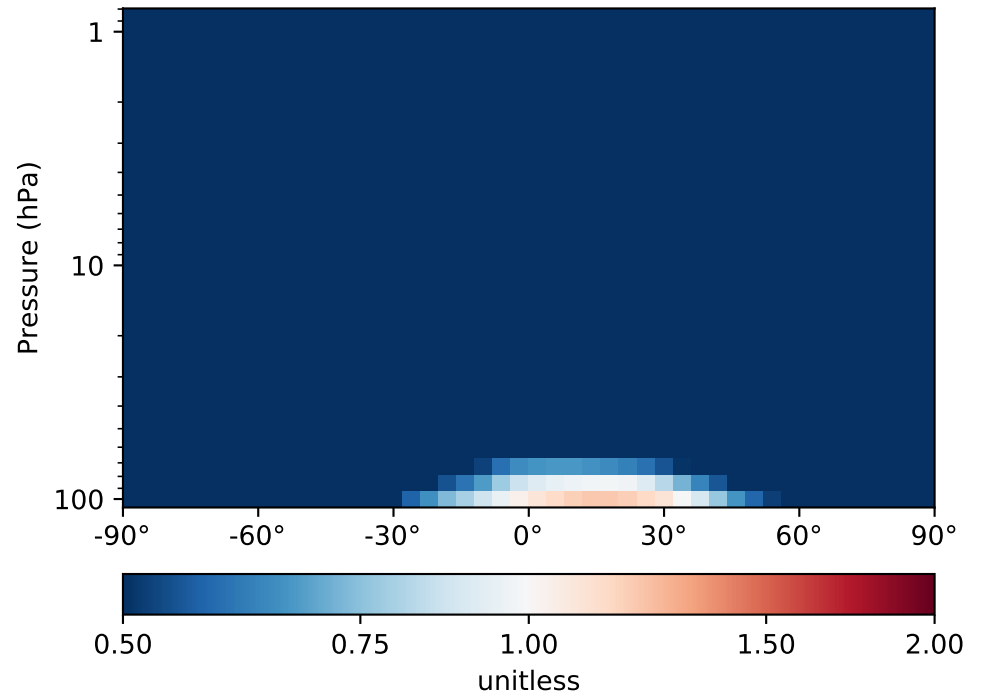
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

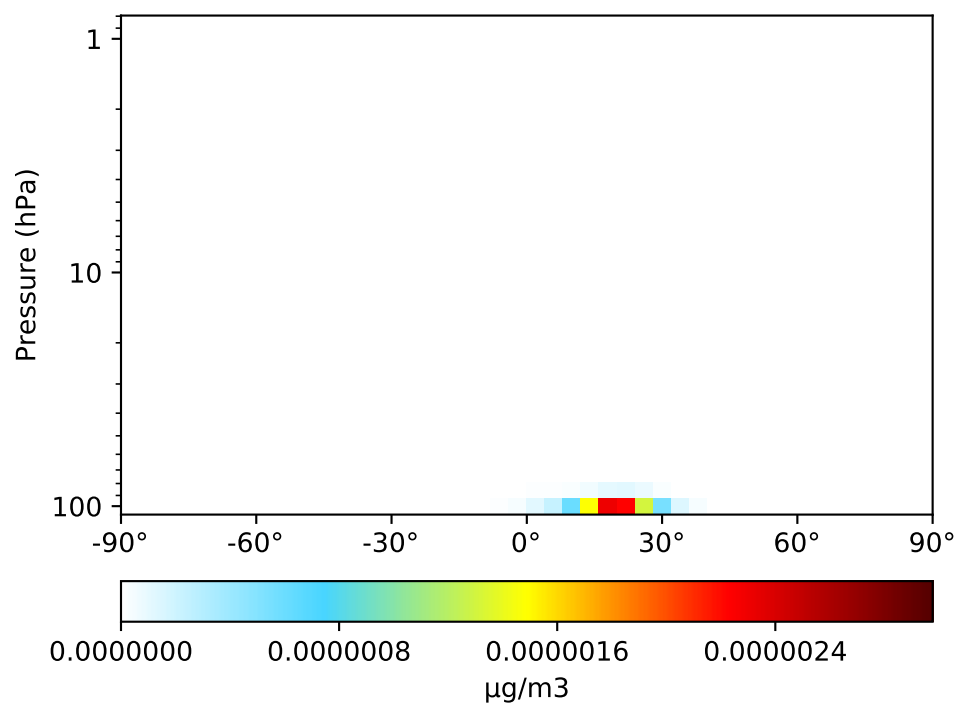


Ratio  
Dev/Ref, Fixed Range

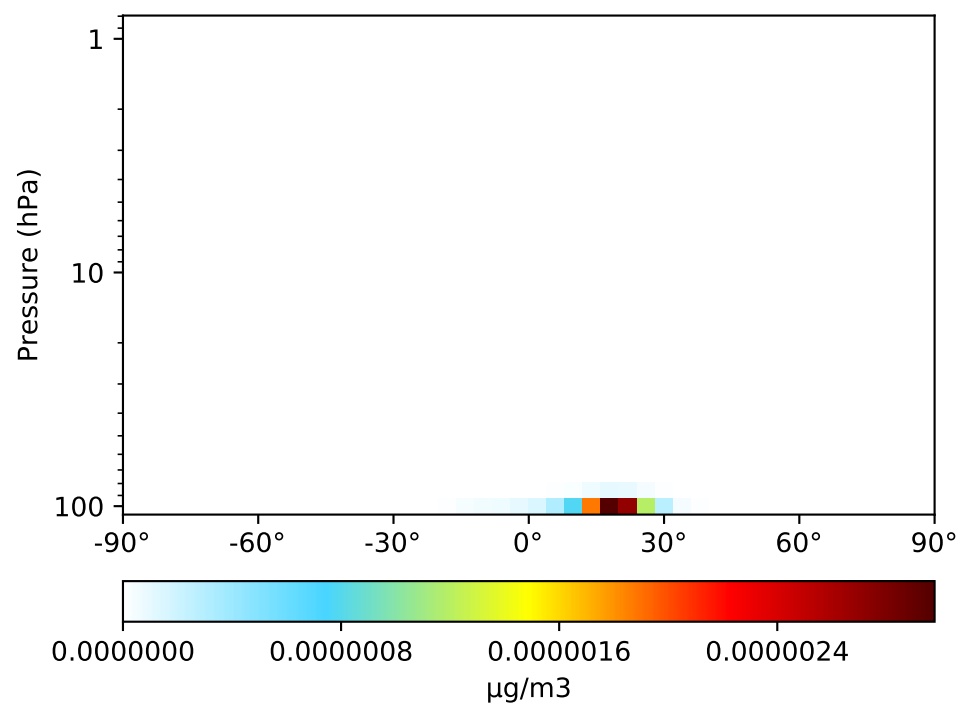


# SpeciesConc\_OCPO, Zonal Mean

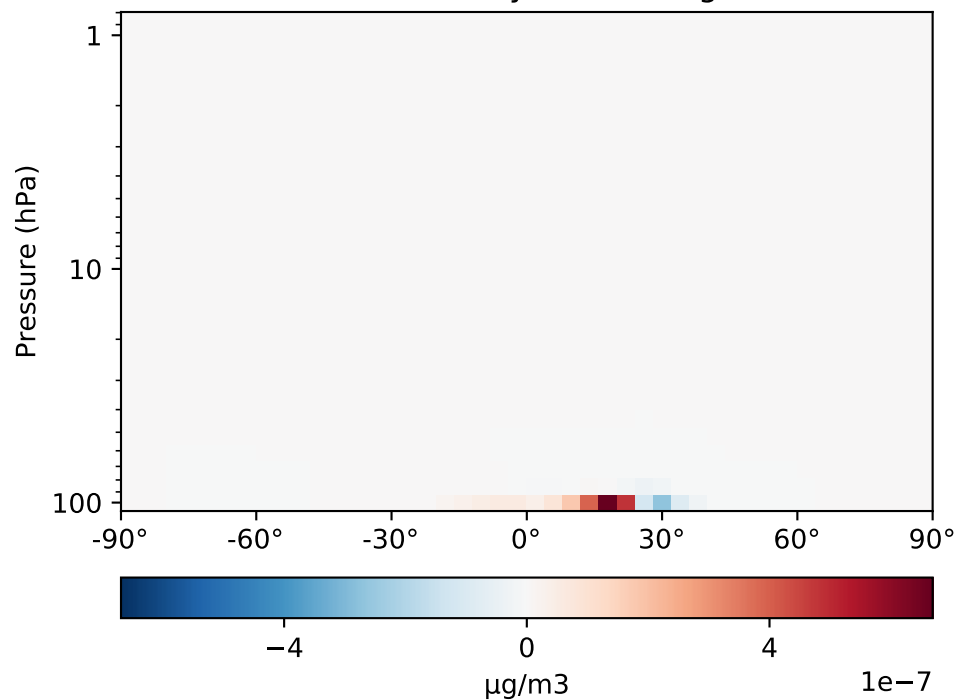
GCC\_12.9.0 (Ref)  
4.0x5.0



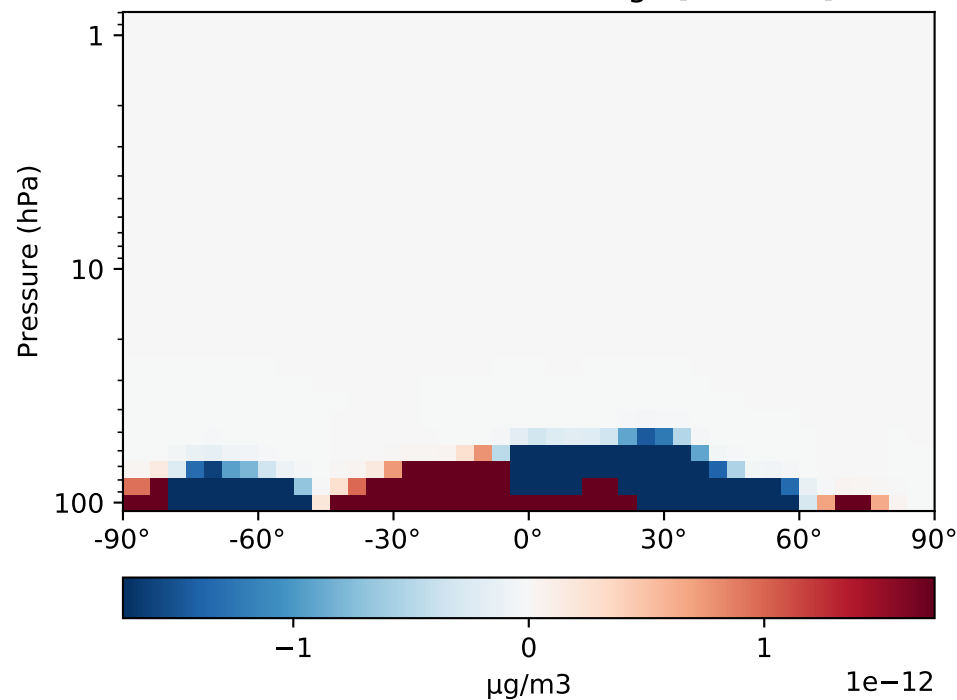
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



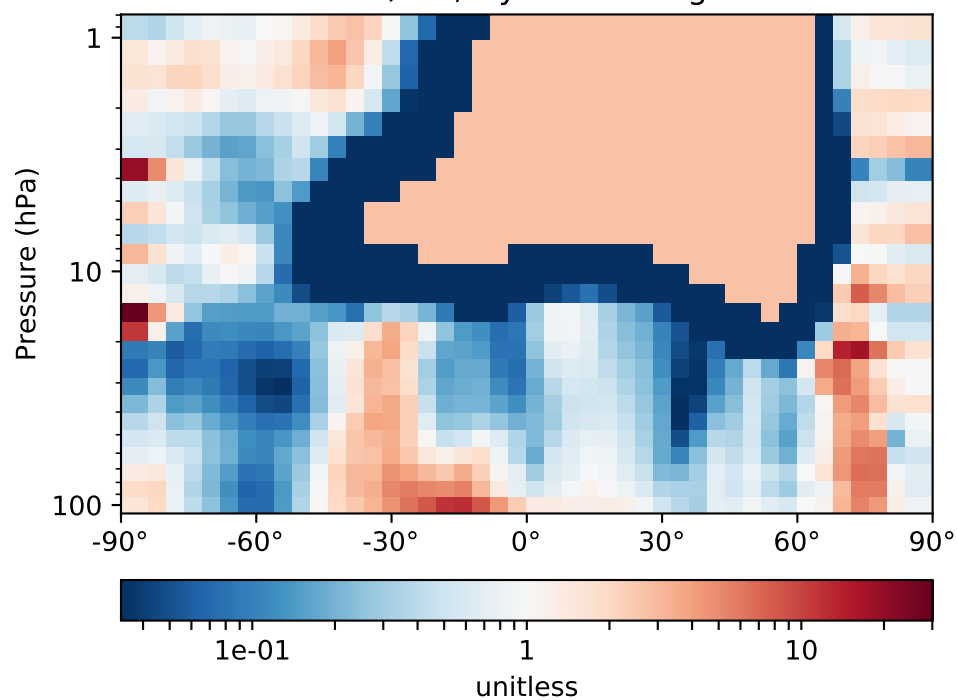
Difference  
Dev - Ref, Dynamic Range



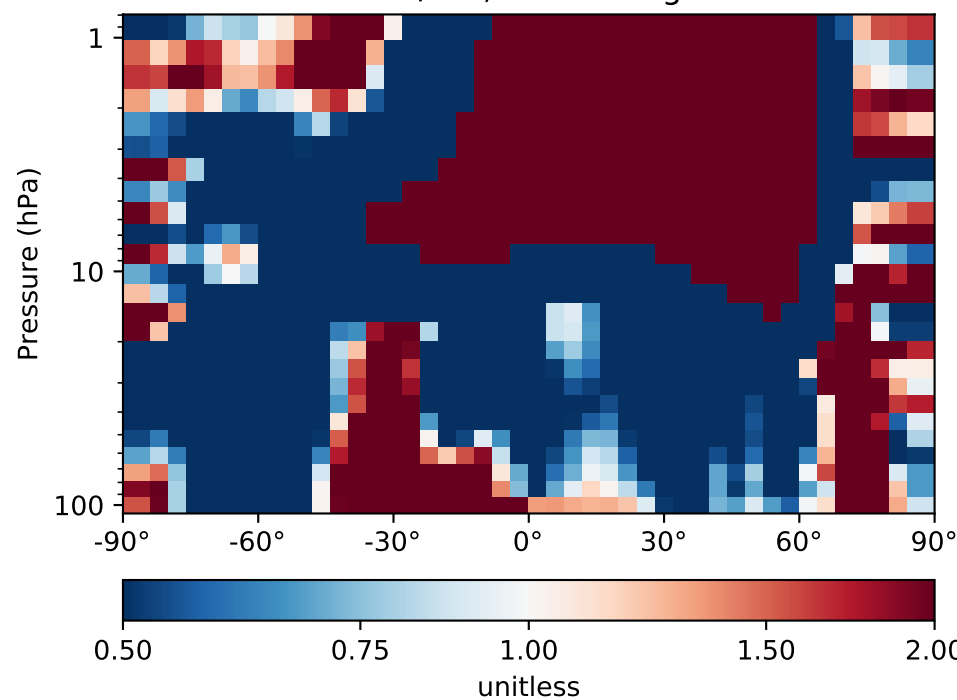
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

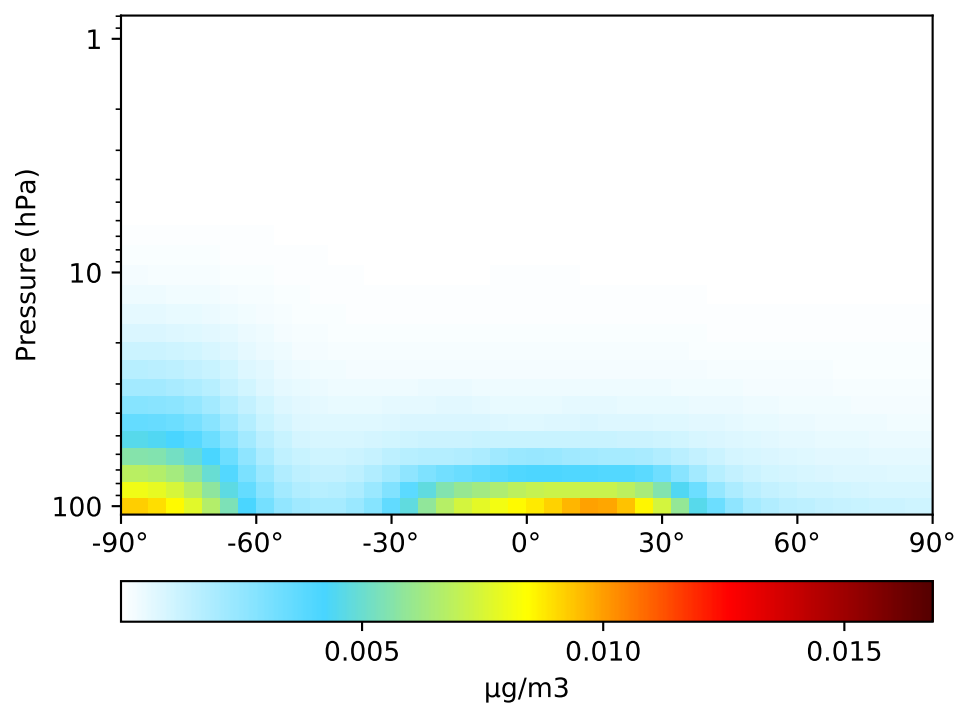


Ratio  
Dev/Ref, Fixed Range

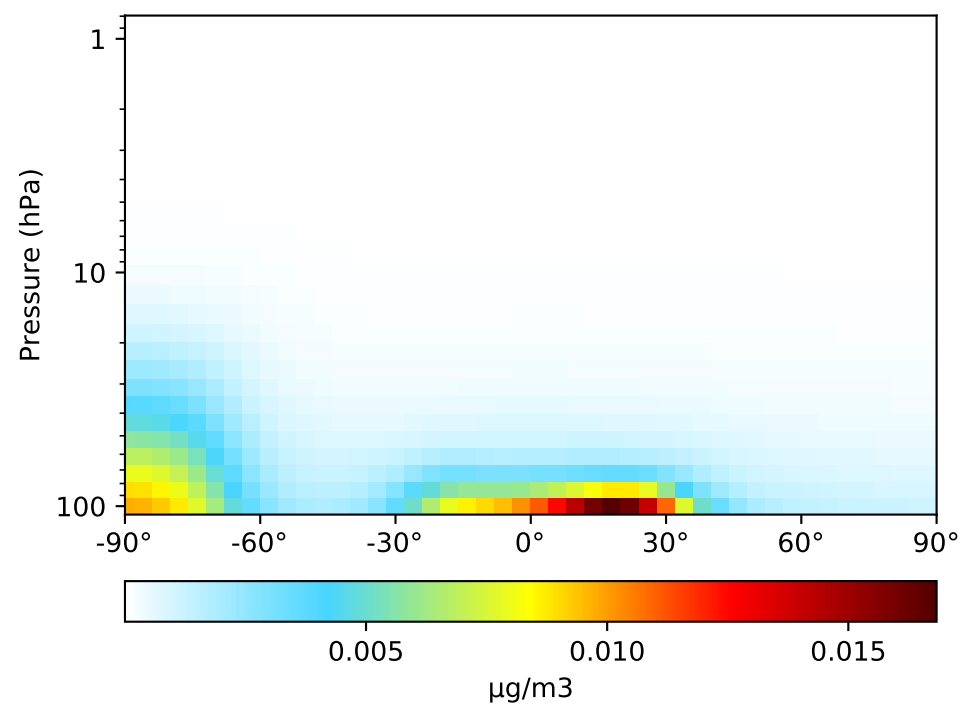


# SpeciesConc\_Complex\_SOA, Zonal Mean

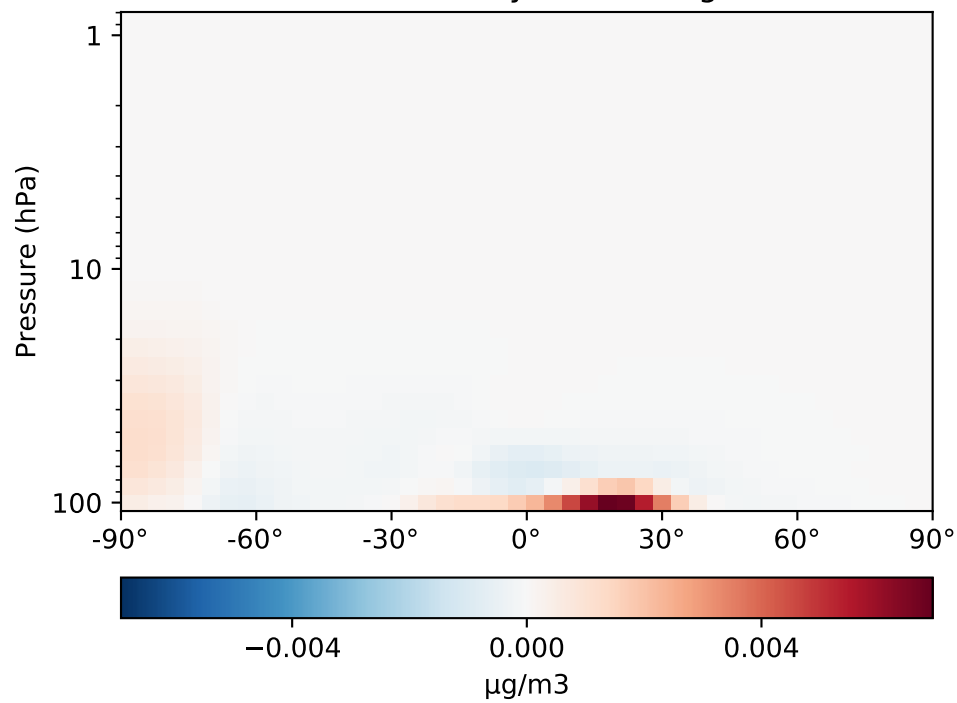
GCC\_12.9.0 (Ref)  
4.0x5.0



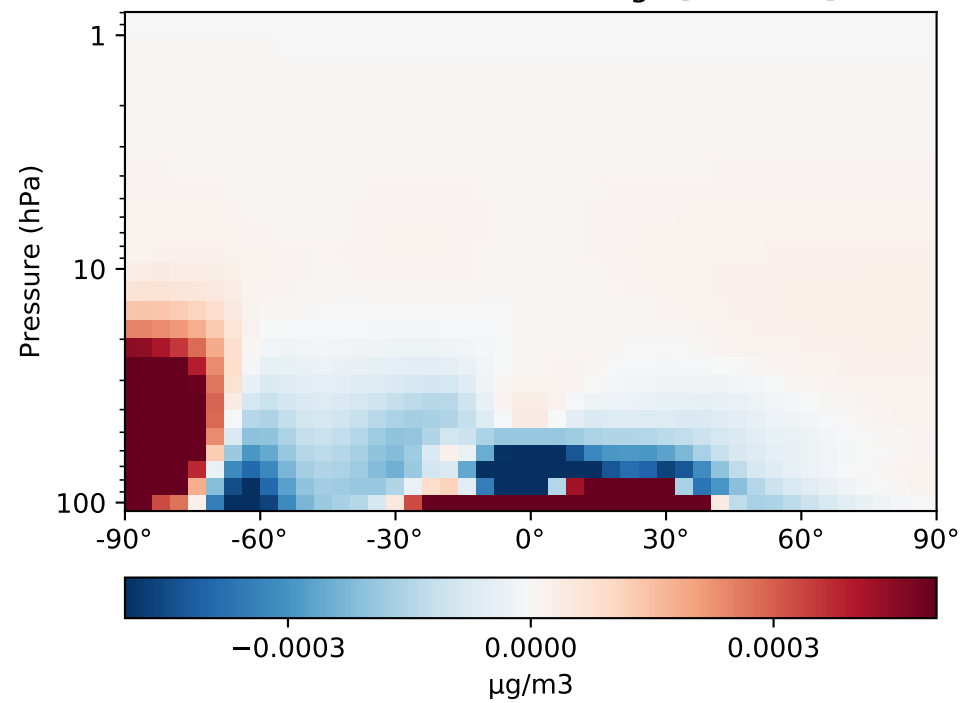
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



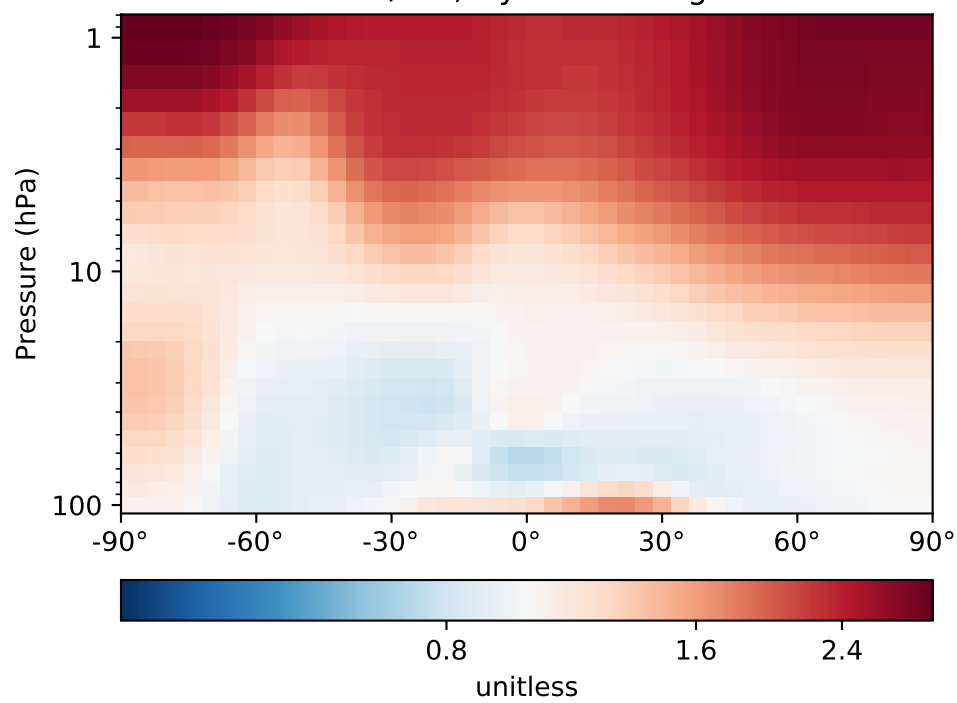
Difference  
Dev - Ref, Dynamic Range



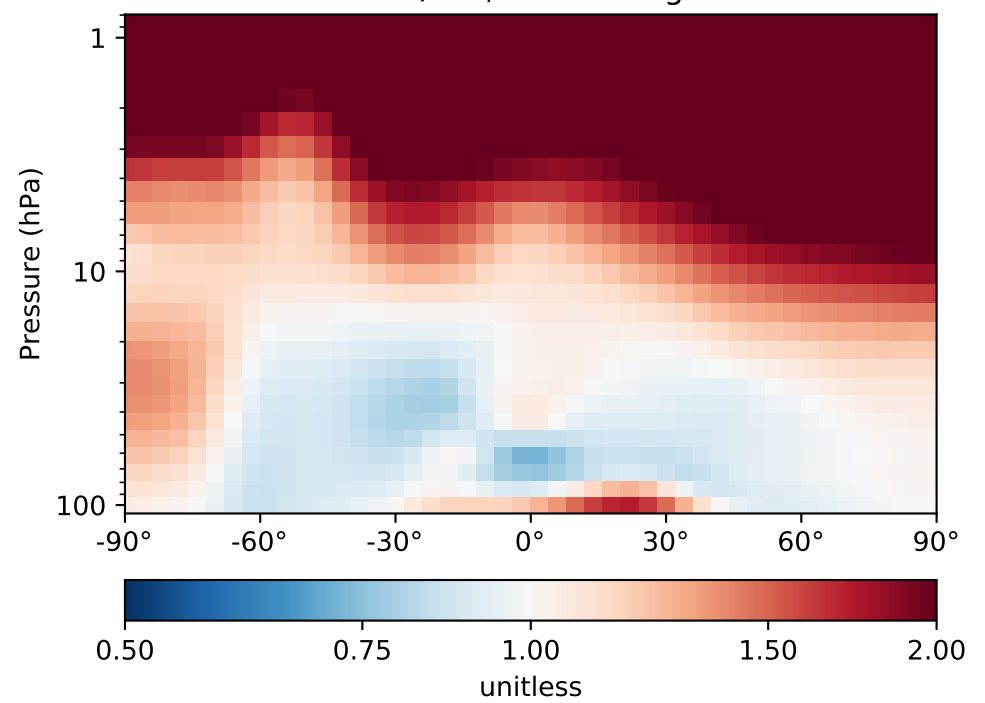
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

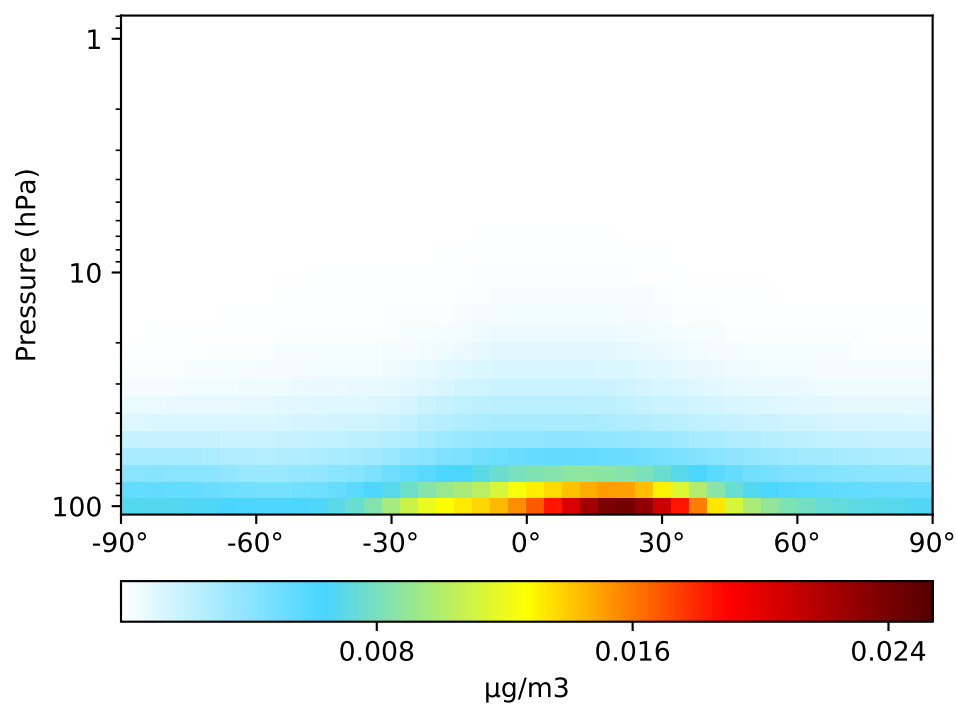


Ratio  
Dev/Ref, Fixed Range

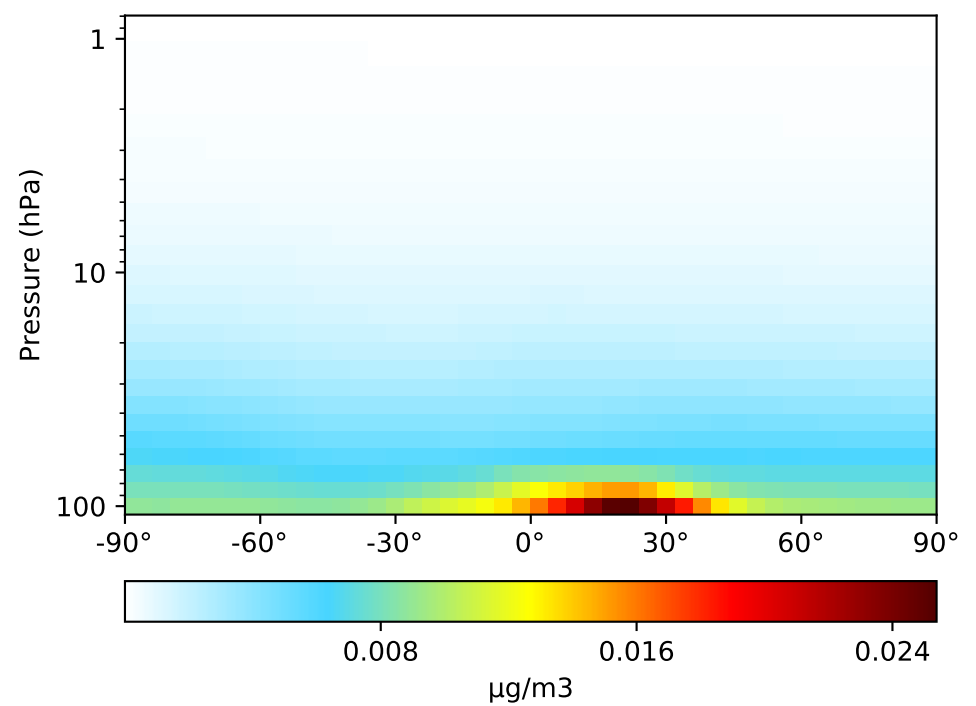


# SpeciesConc\_Simple\_SOA, Zonal Mean

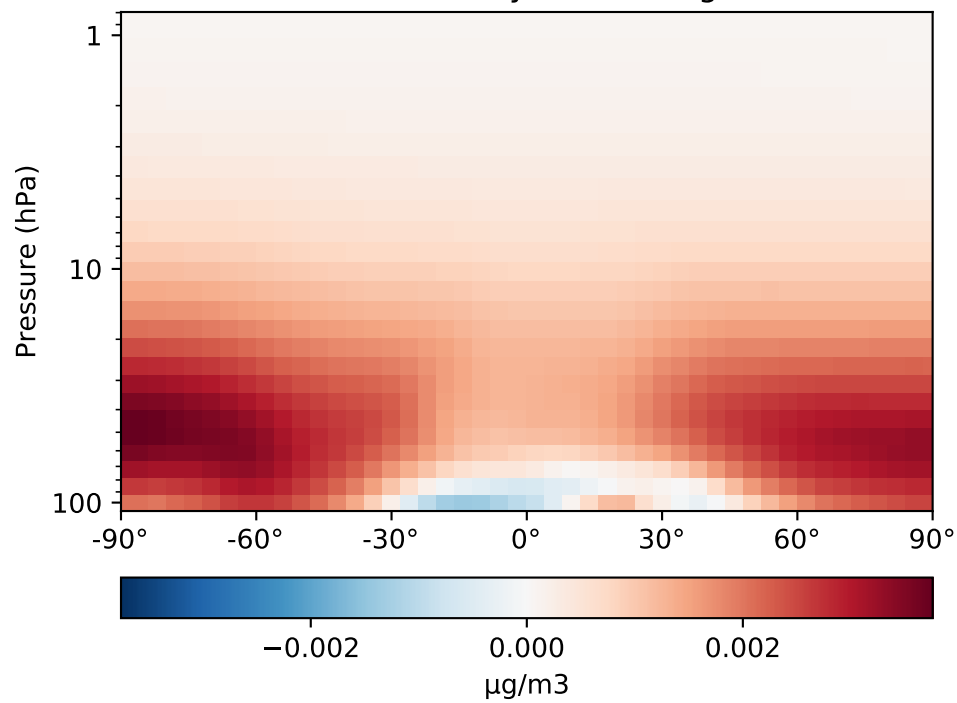
GCC\_12.9.0 (Ref)  
4.0x5.0



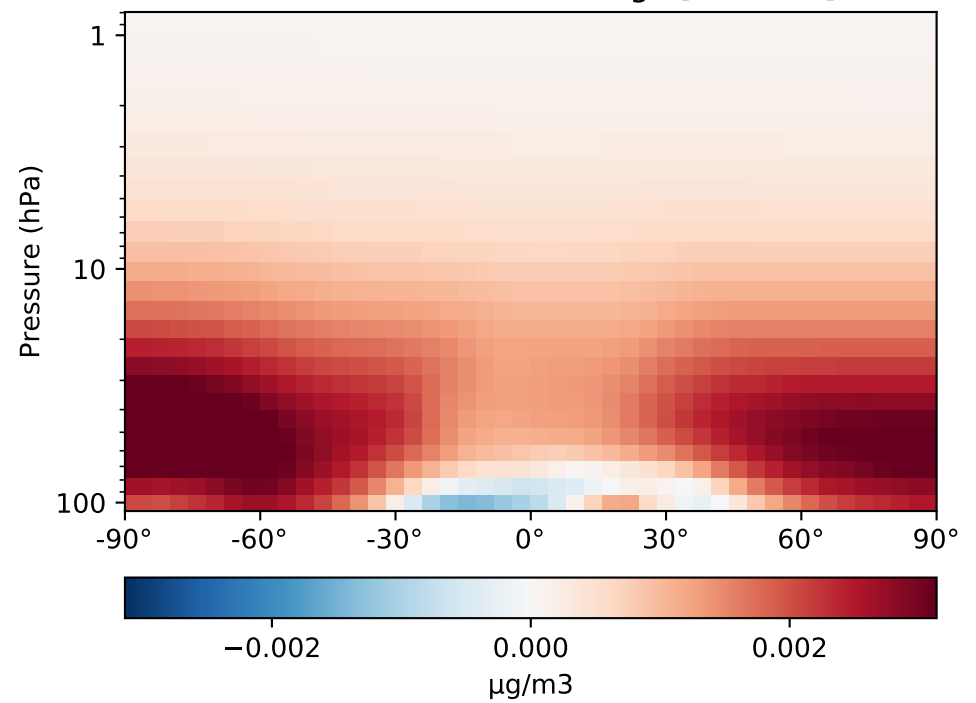
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



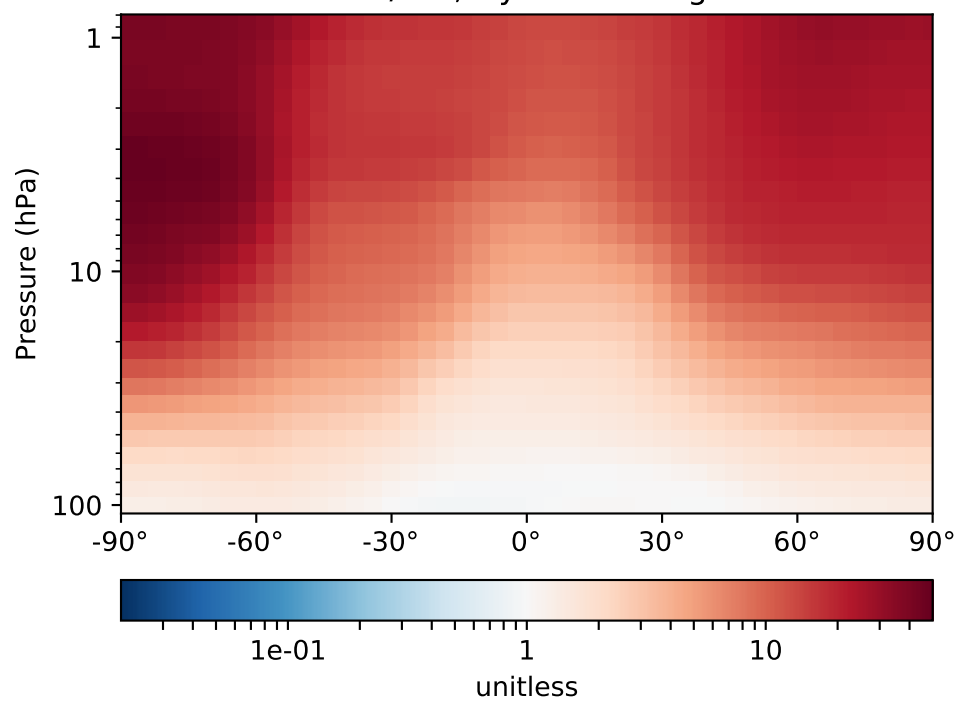
Difference  
Dev - Ref, Dynamic Range



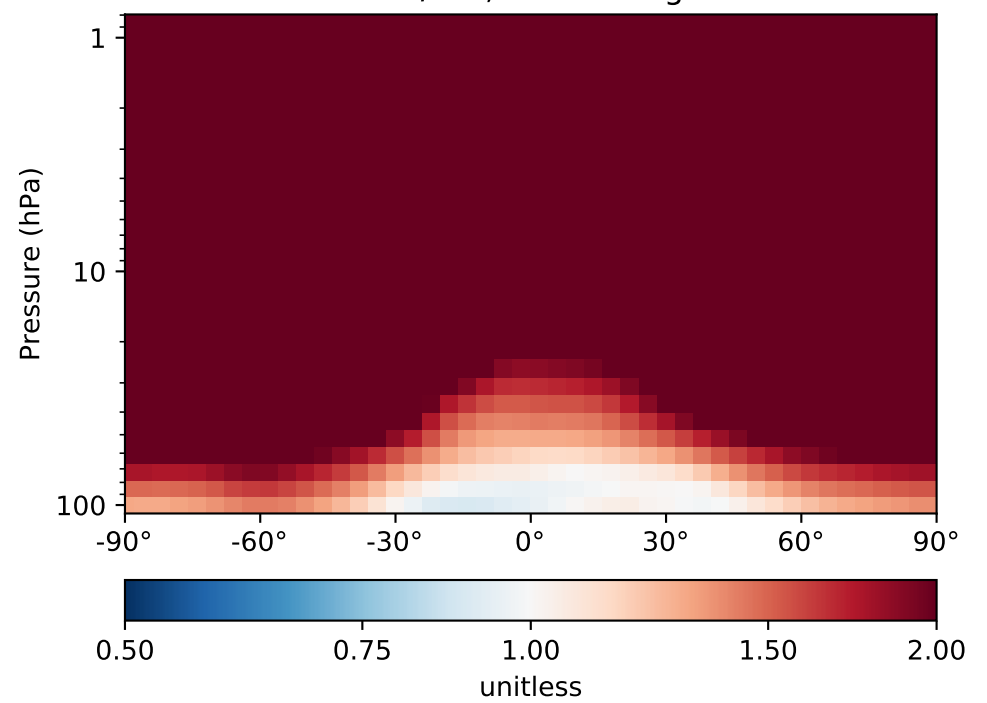
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

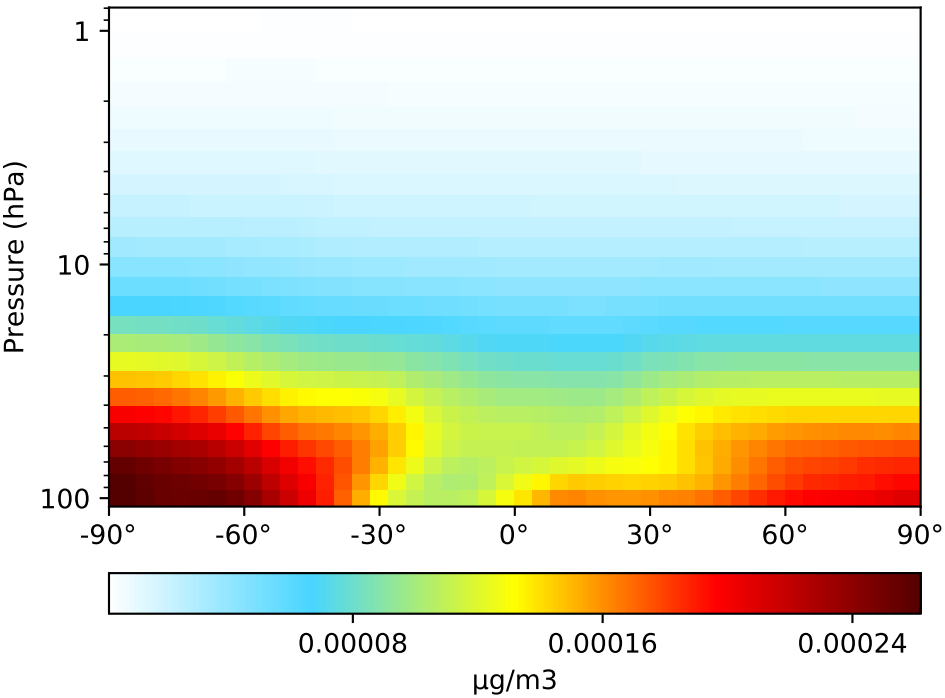


Ratio  
Dev/Ref, Fixed Range

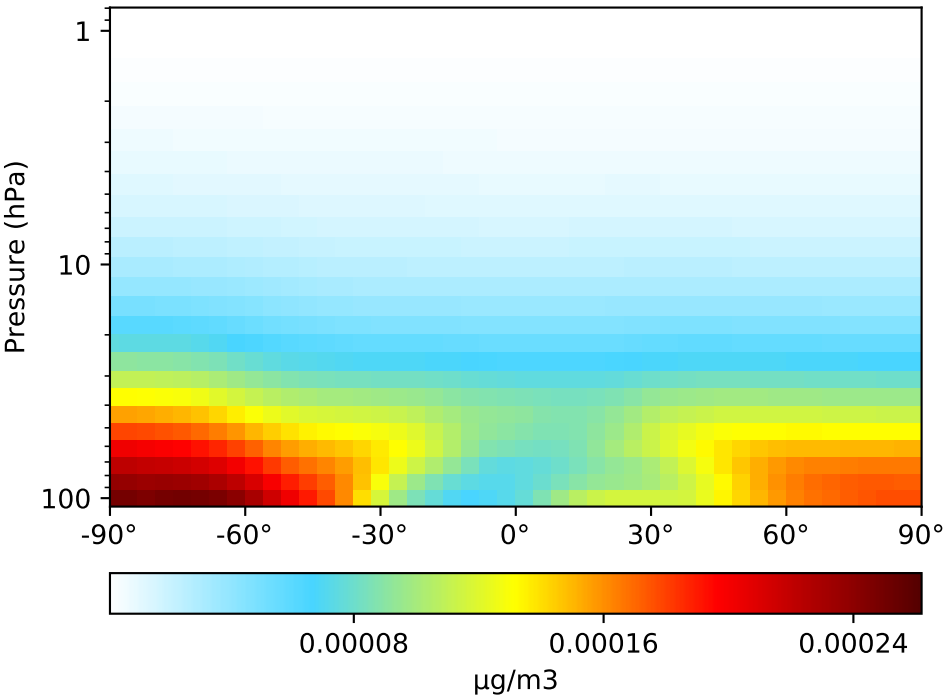


# SpeciesConc\_AERI, Zonal Mean

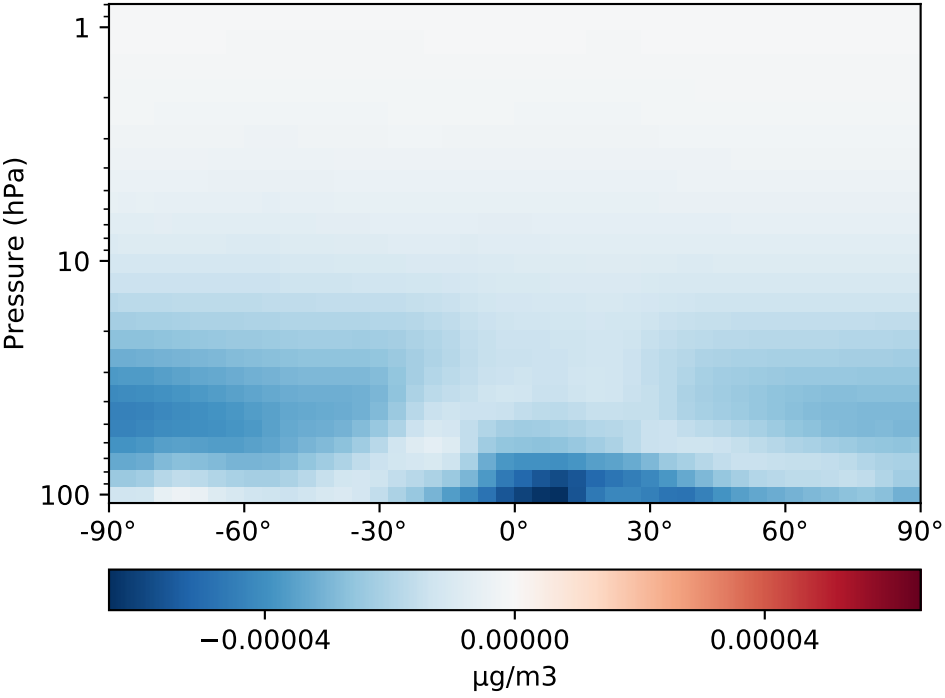
GCC\_12.9.0 (Ref)  
4.0x5.0



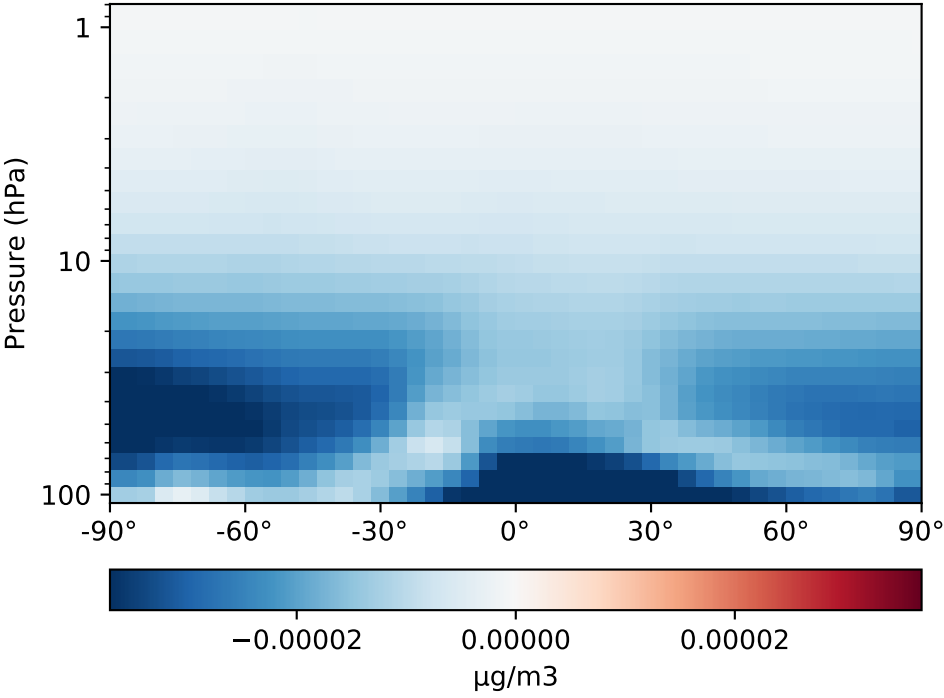
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



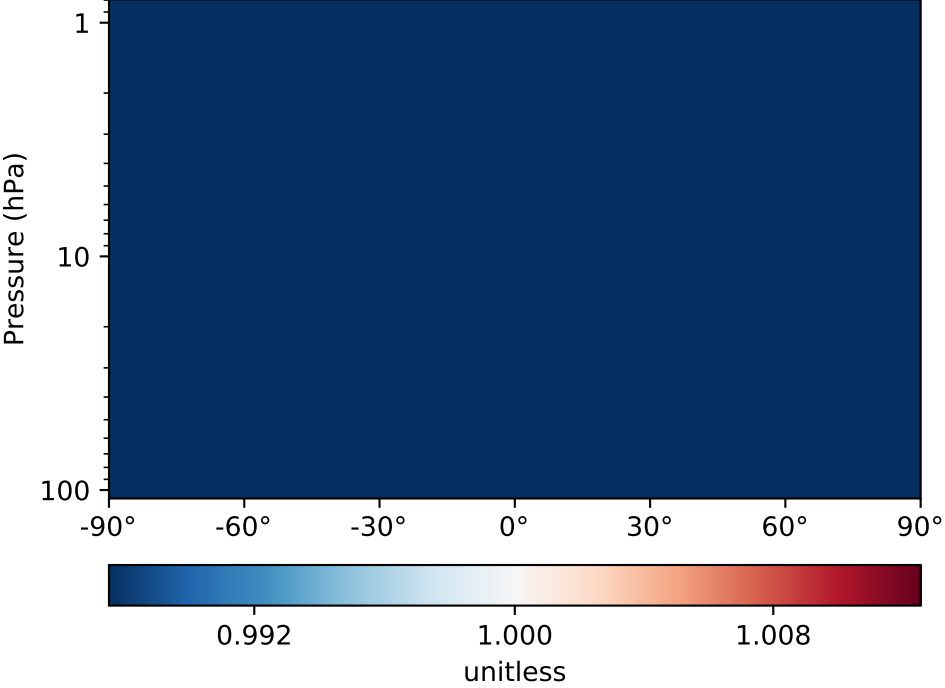
Difference  
Dev - Ref, Dynamic Range



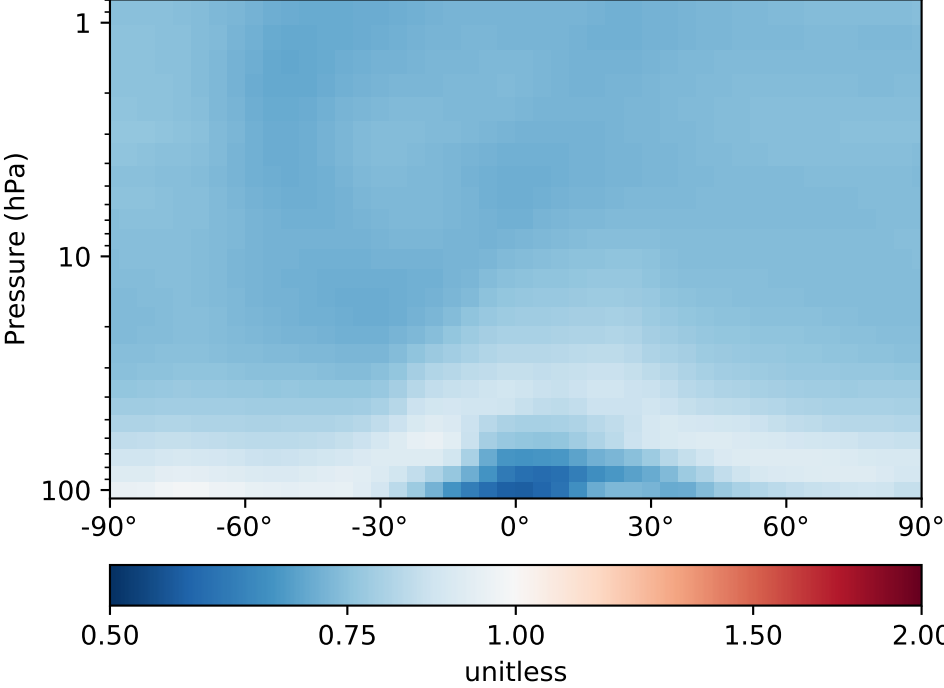
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



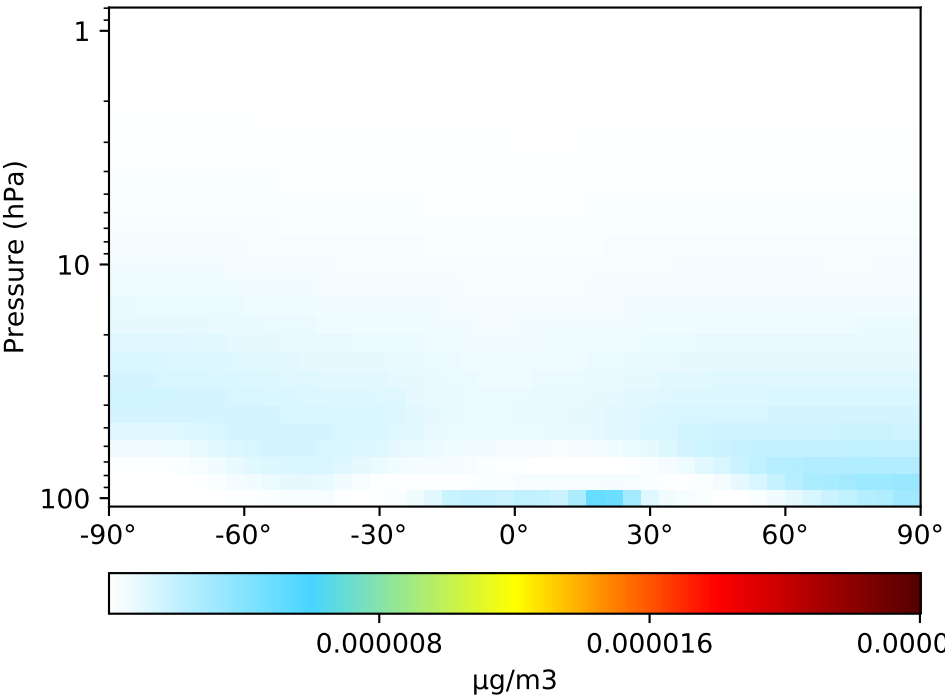
Ratio  
Dev/Ref, Fixed Range



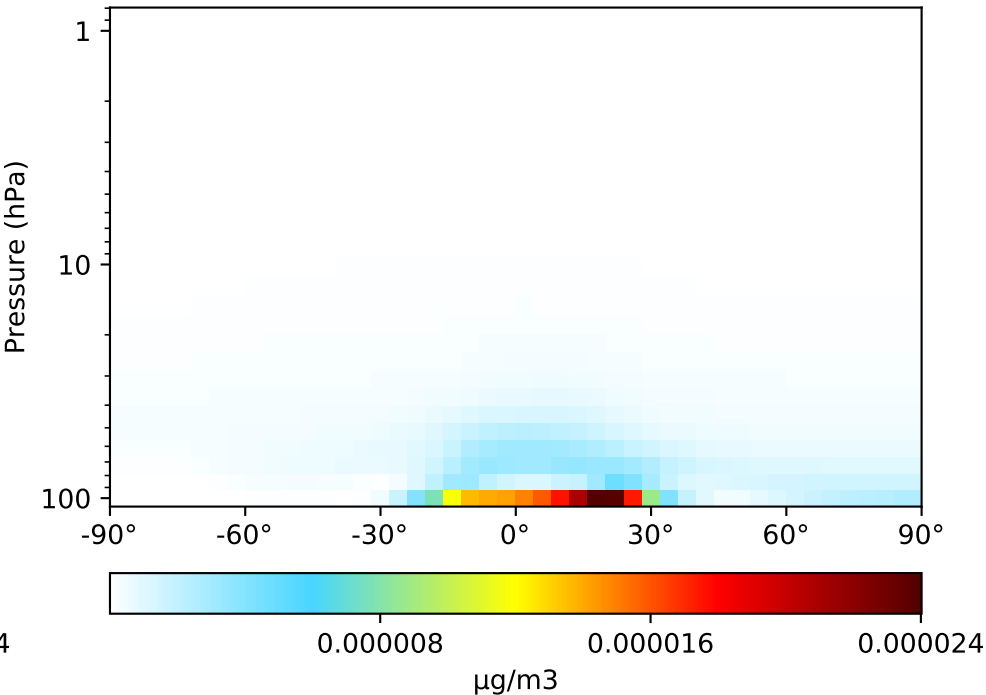


# SpeciesConc\_BrSALA, Zonal Mean

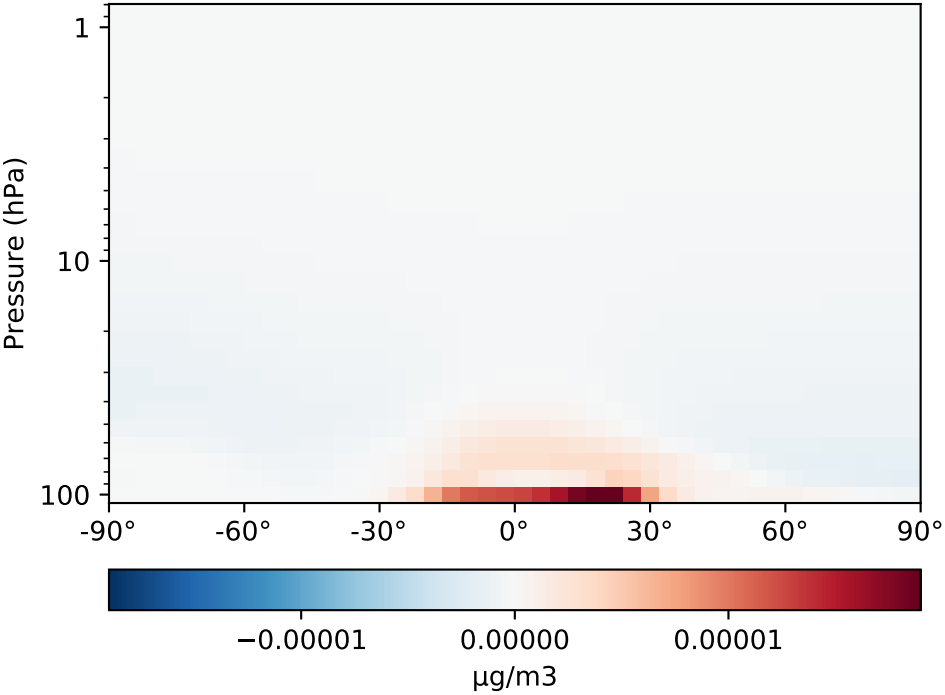
GCC\_12.9.0 (Ref)  
4.0x5.0



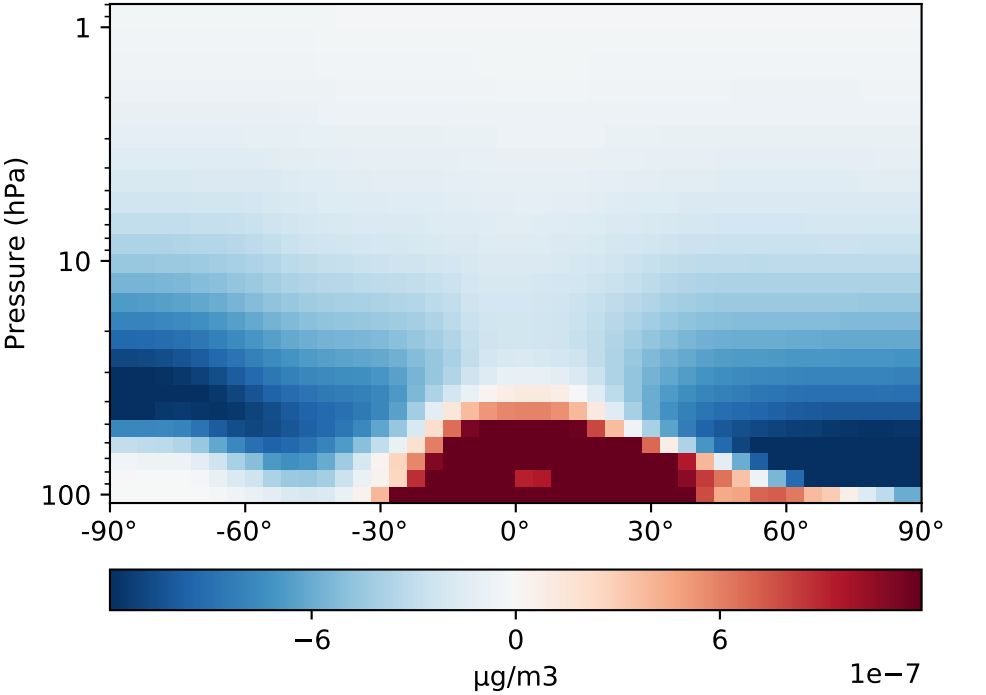
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



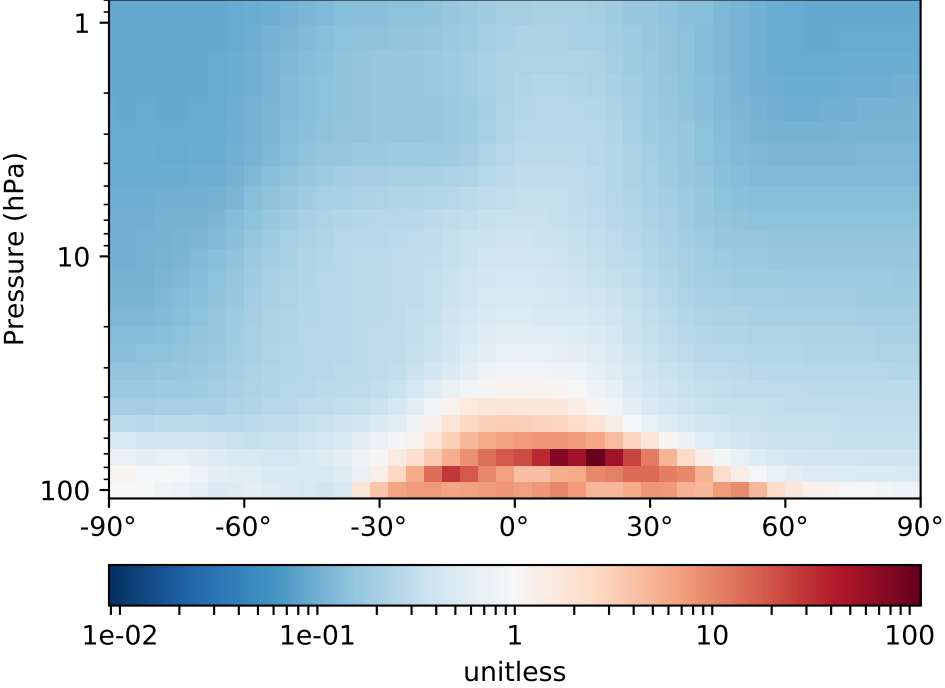
Difference  
Dev - Ref, Dynamic Range



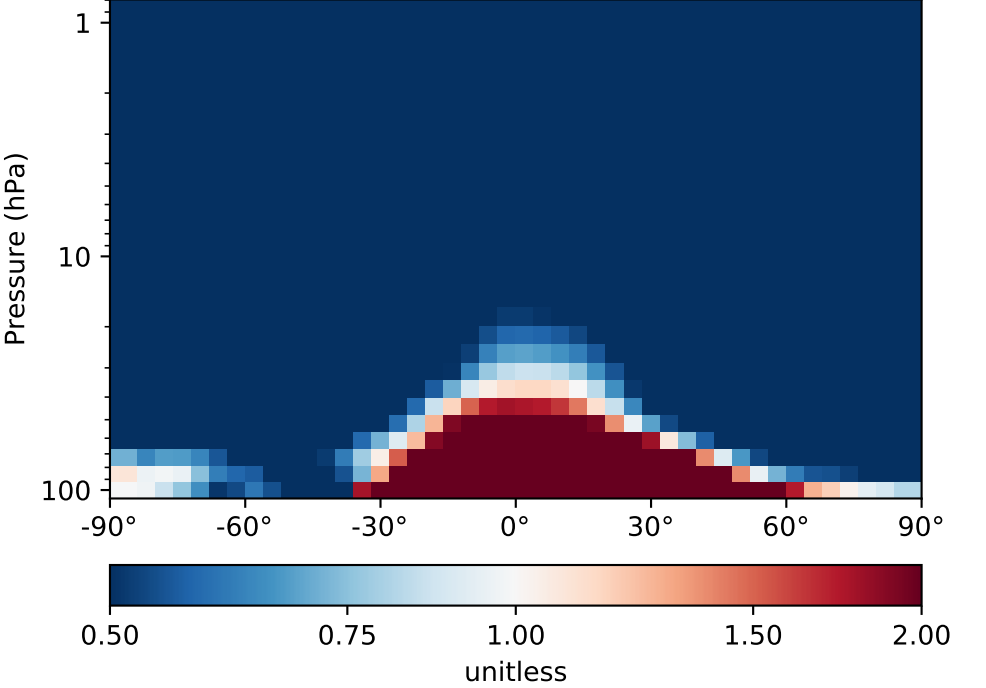
Difference  
Dev - Ref, Restricted Range [5%,95%]



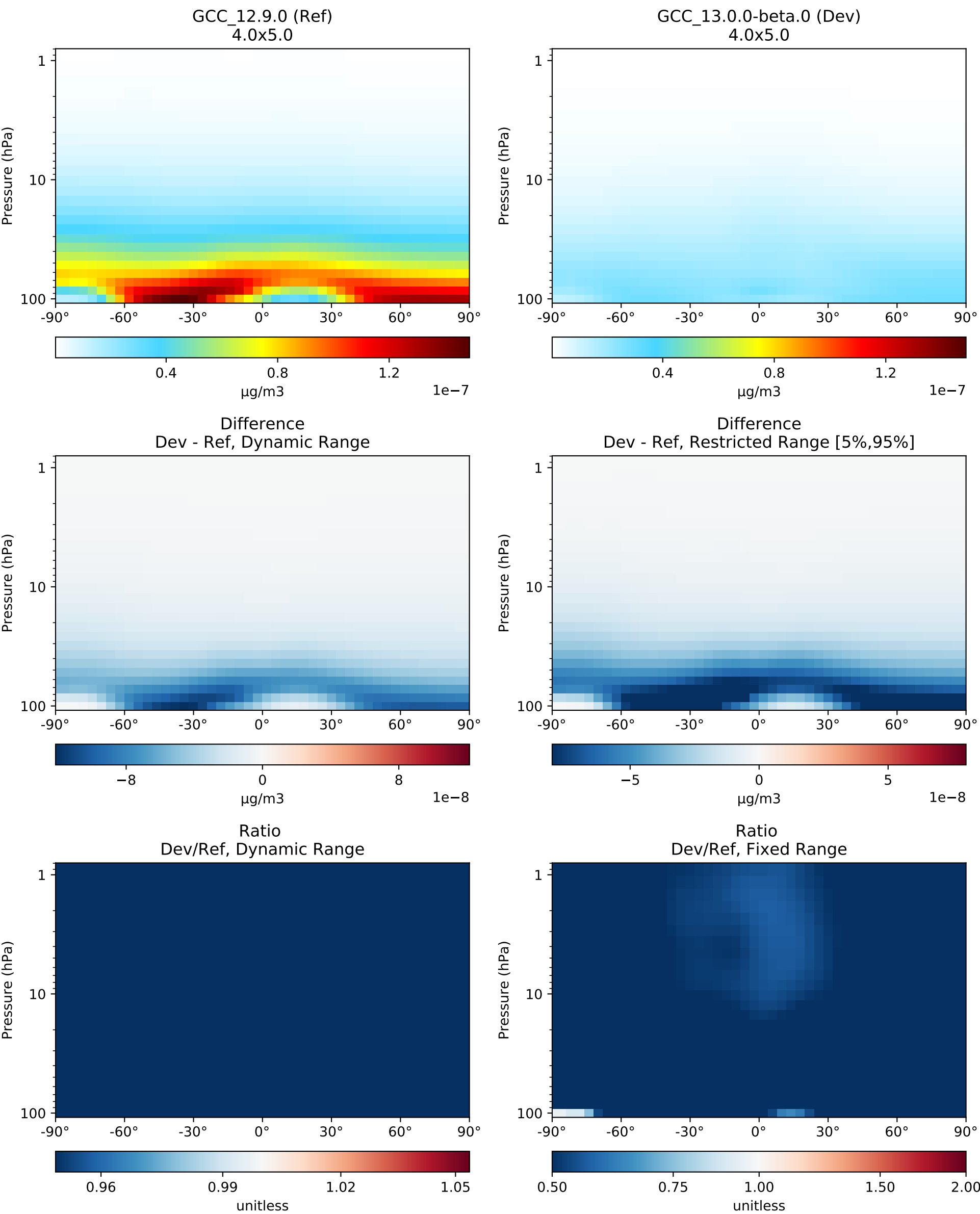
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range



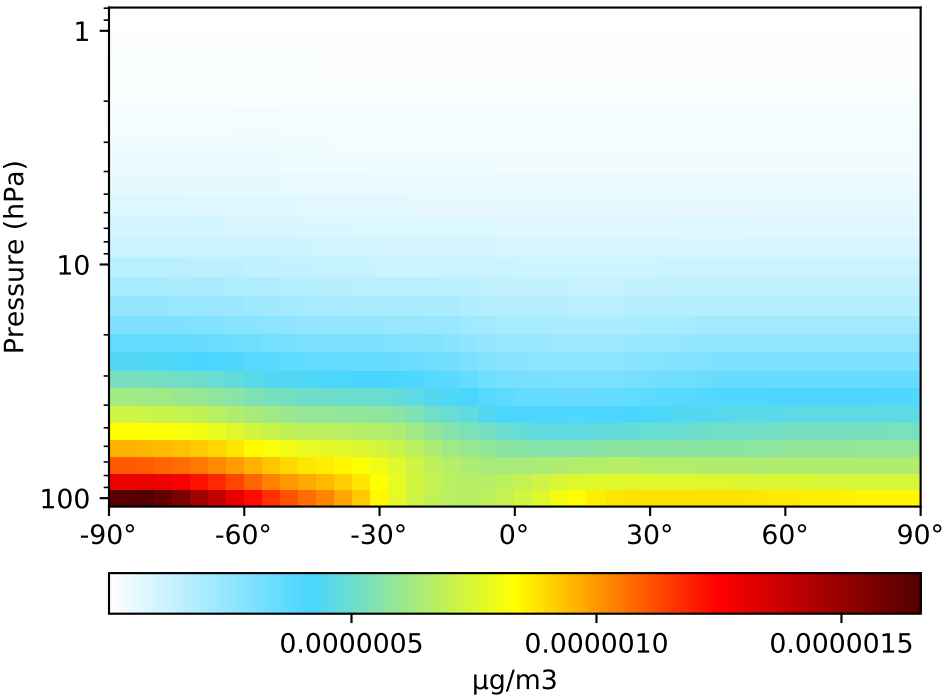
# SpeciesConc\_BrSALC, Zonal Mean



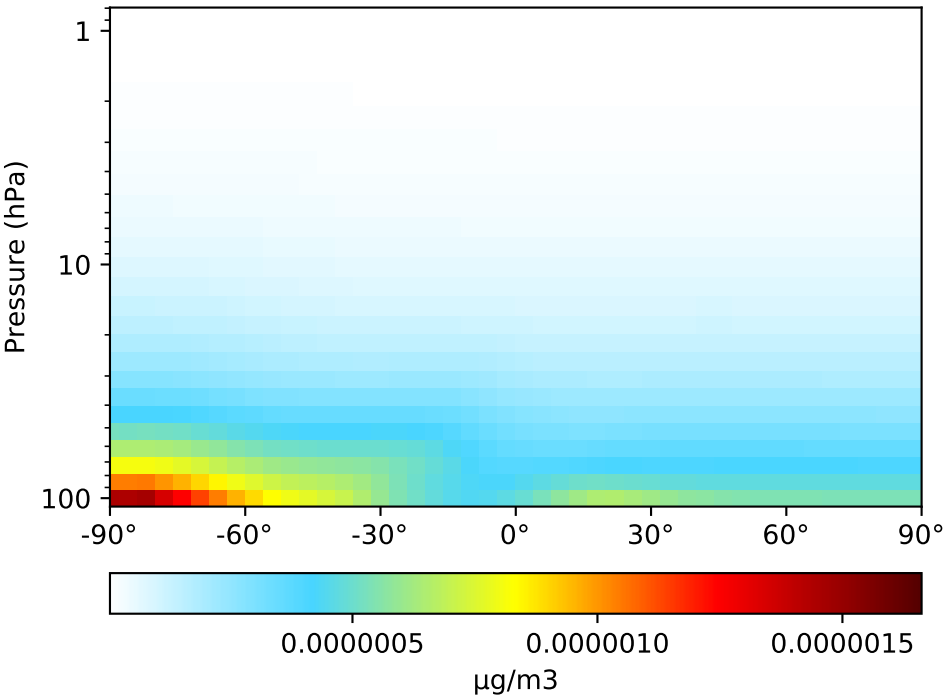


# SpeciesConc\_ISALA, Zonal Mean

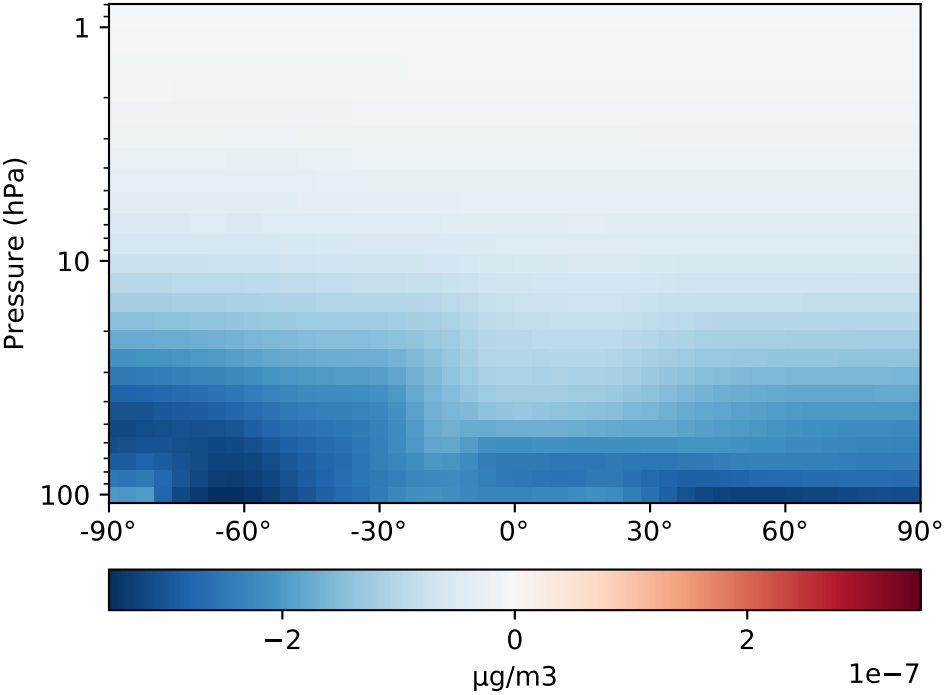
GCC\_12.9.0 (Ref)  
4.0x5.0



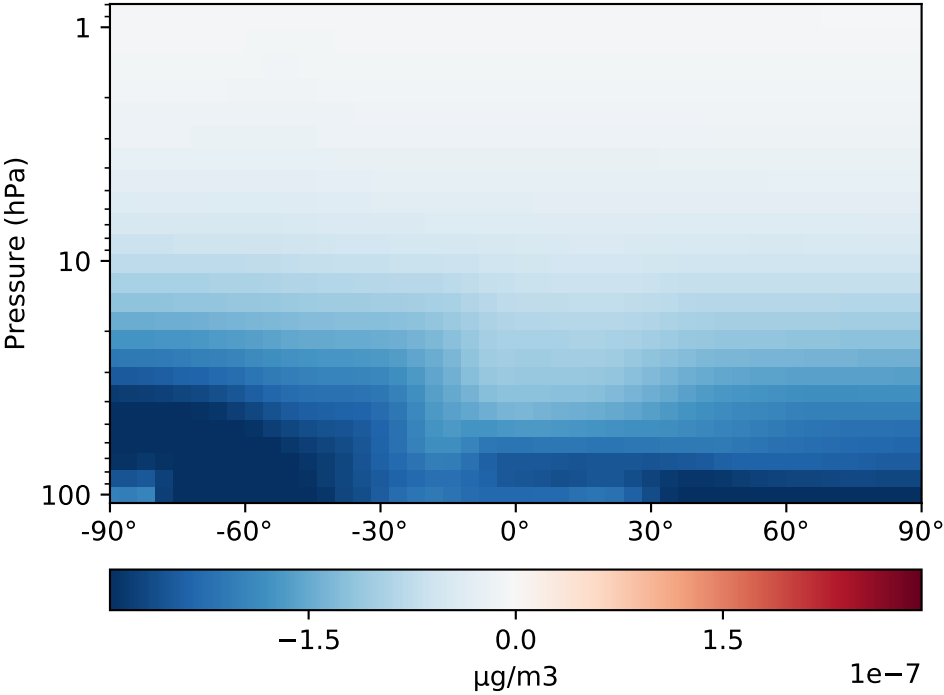
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



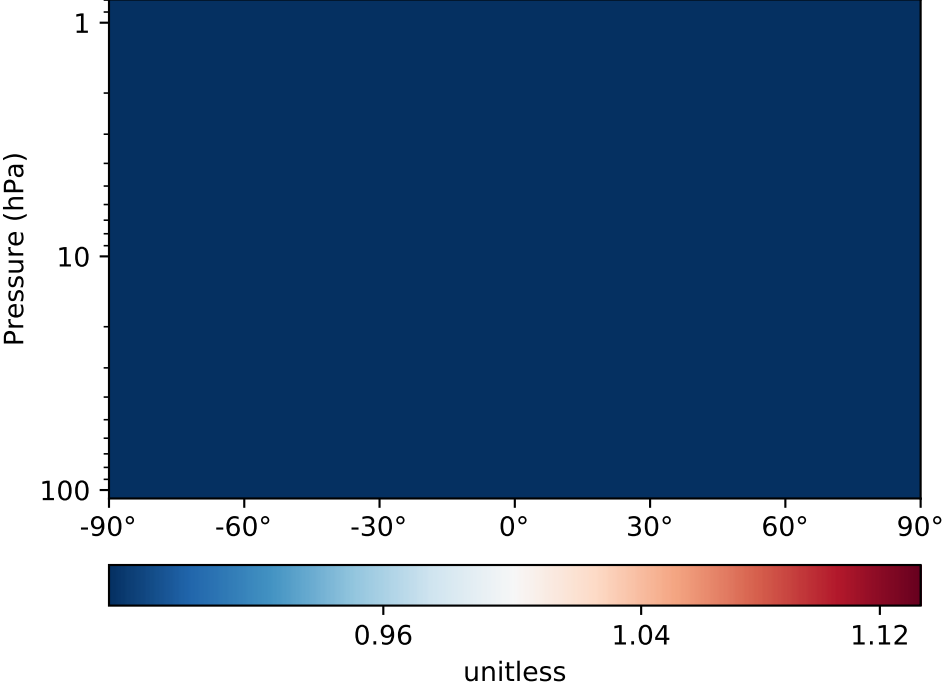
Difference  
Dev - Ref, Dynamic Range



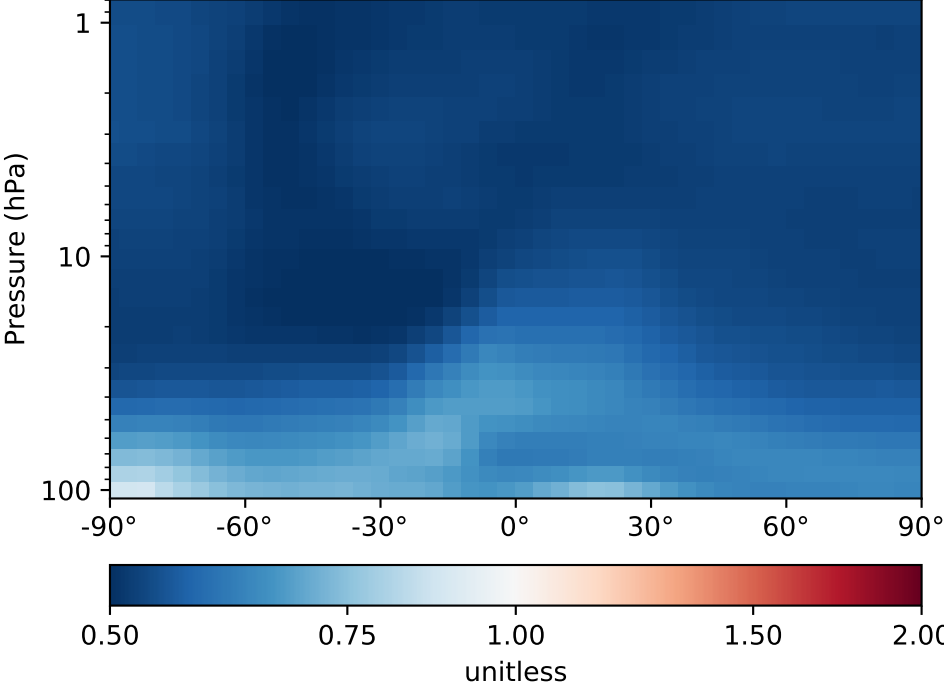
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

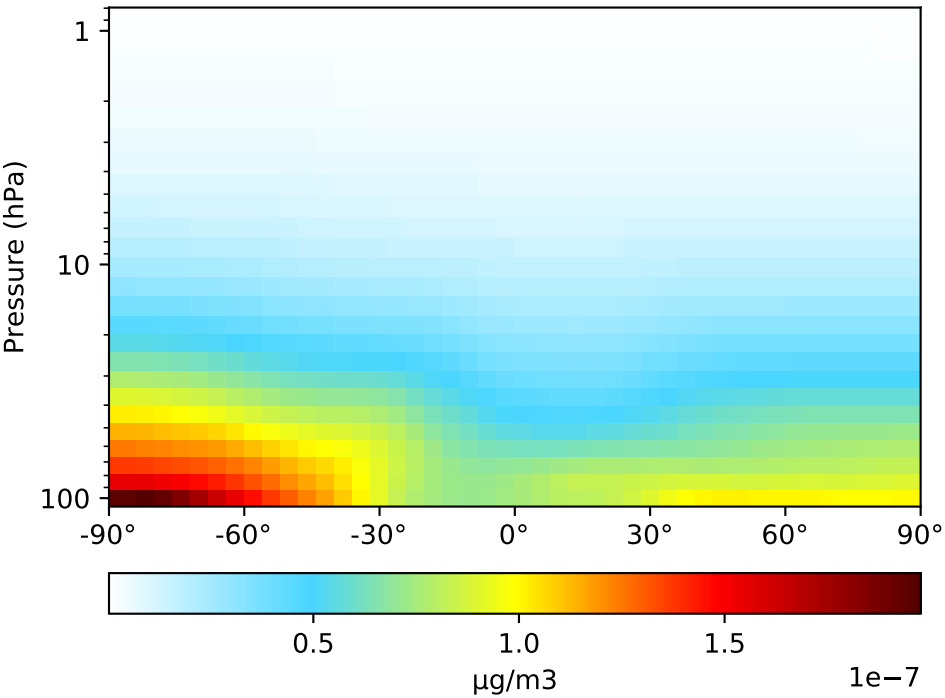


Ratio  
Dev/Ref, Fixed Range

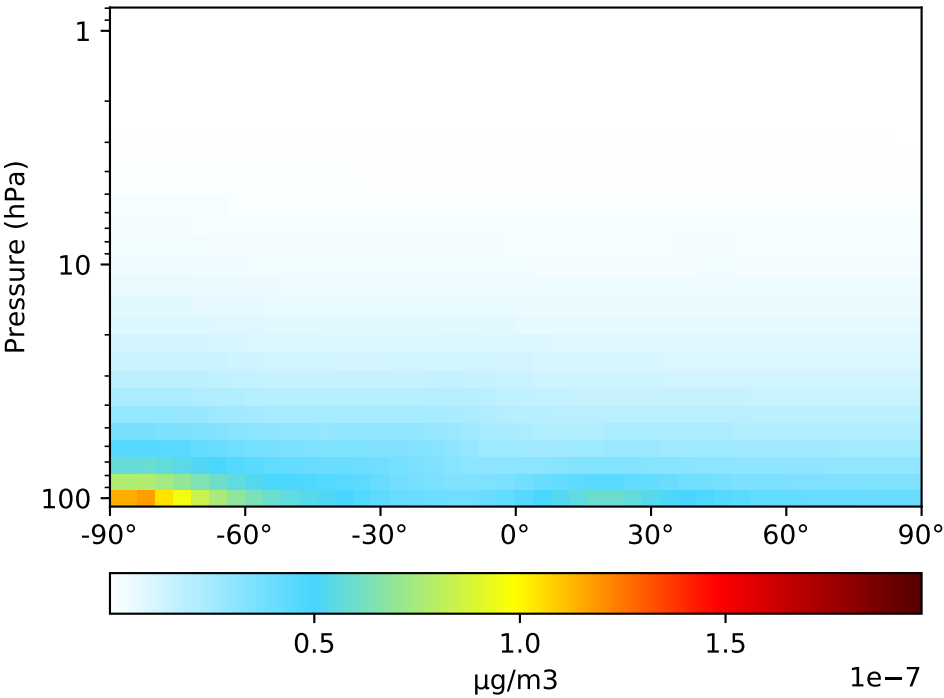


# SpeciesConc\_ISALC, Zonal Mean

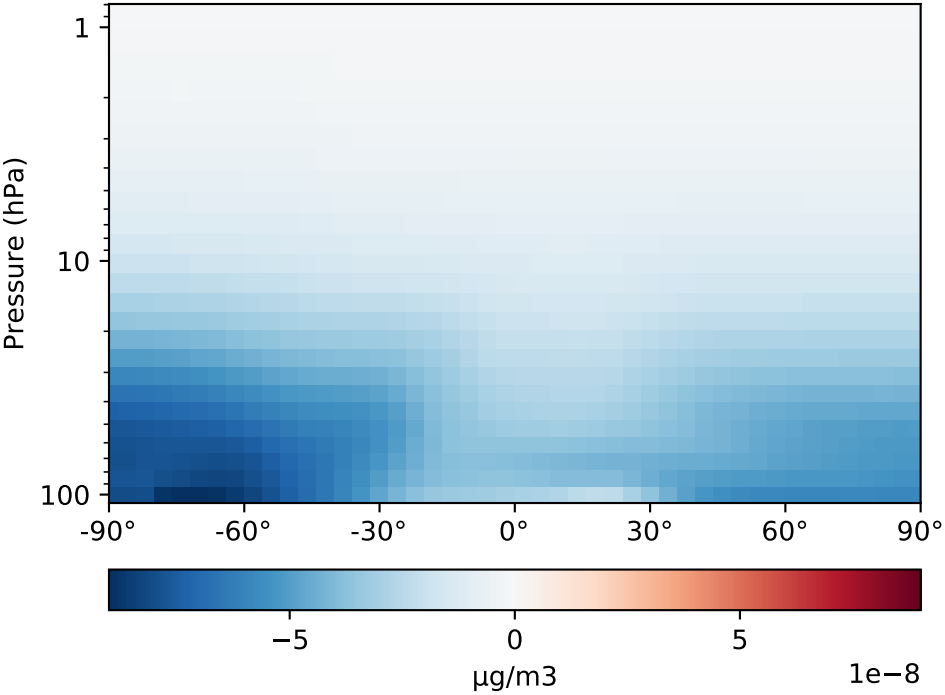
GCC\_12.9.0 (Ref)  
4.0x5.0



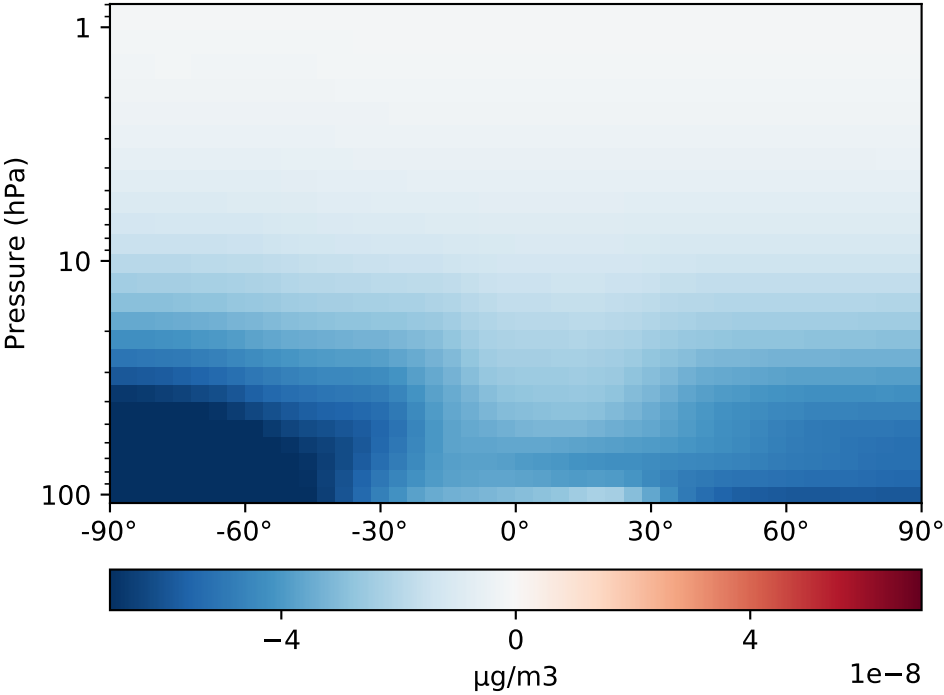
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



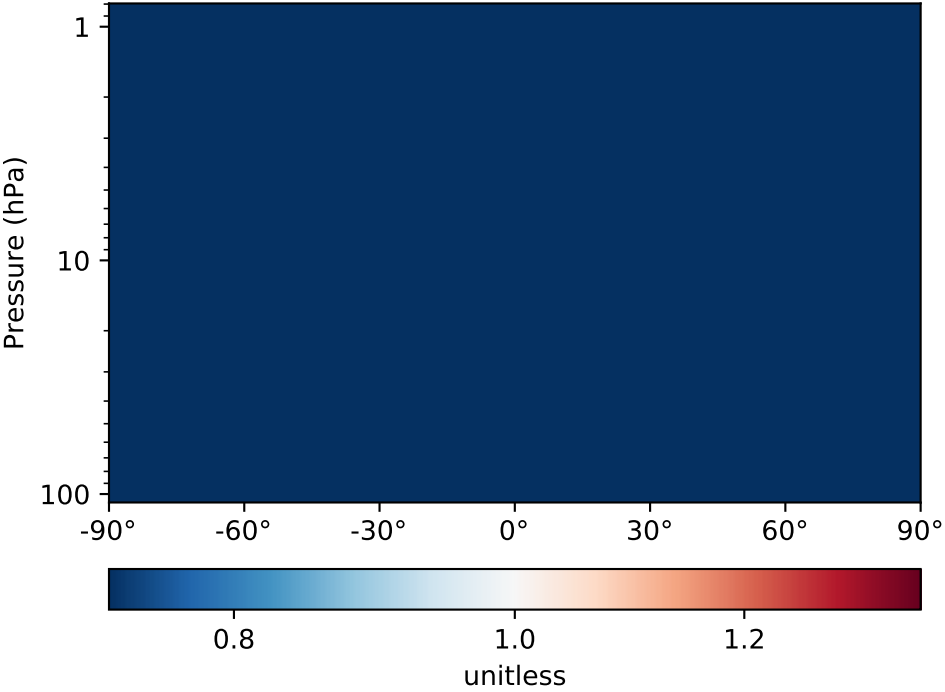
Difference  
Dev - Ref, Dynamic Range



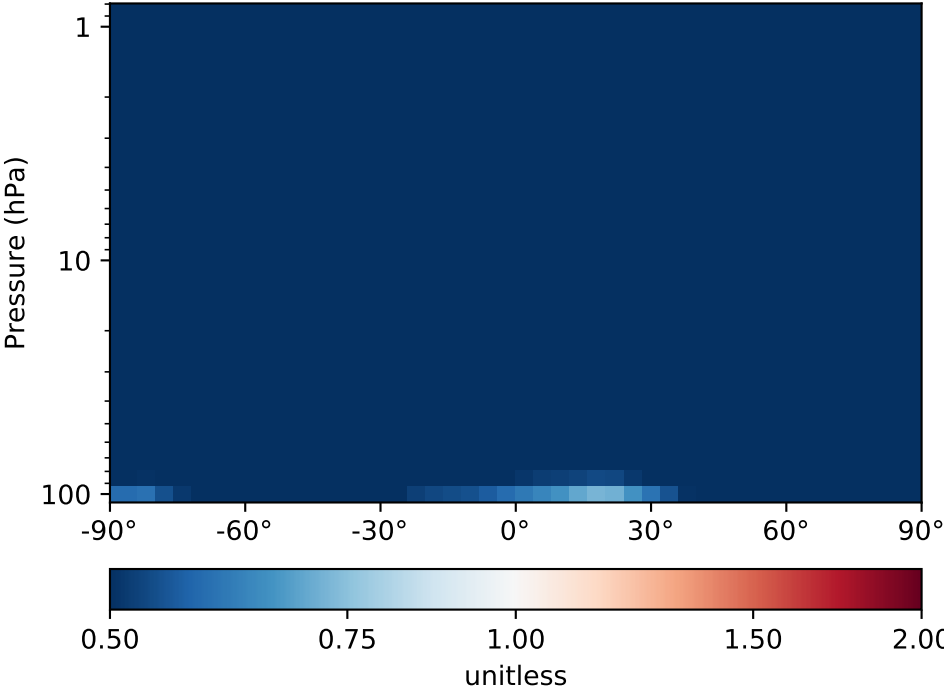
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

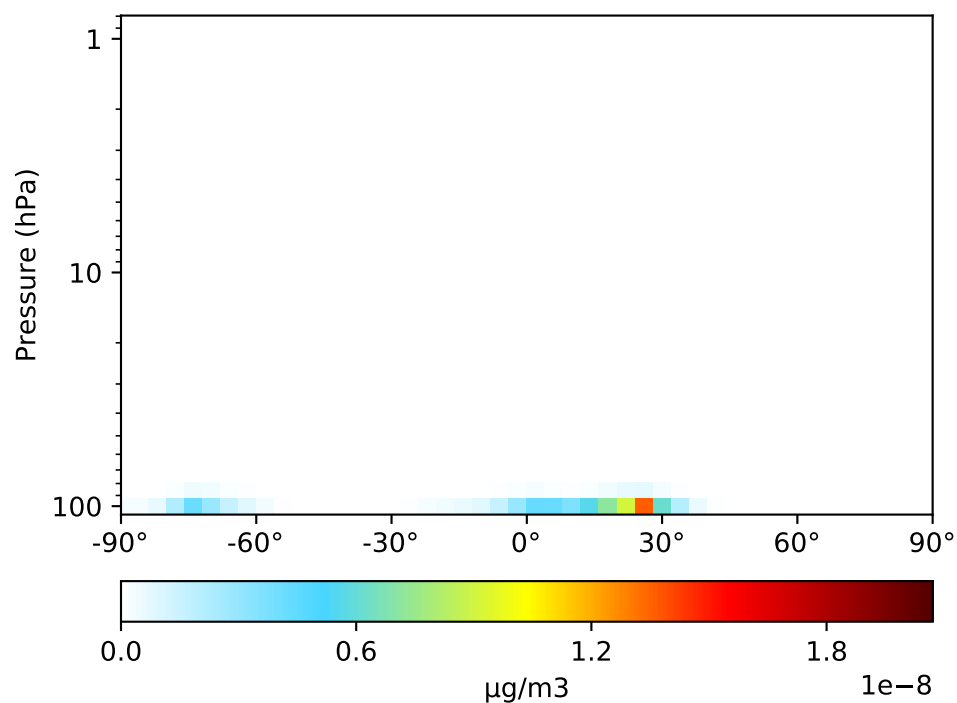


Ratio  
Dev/Ref, Fixed Range

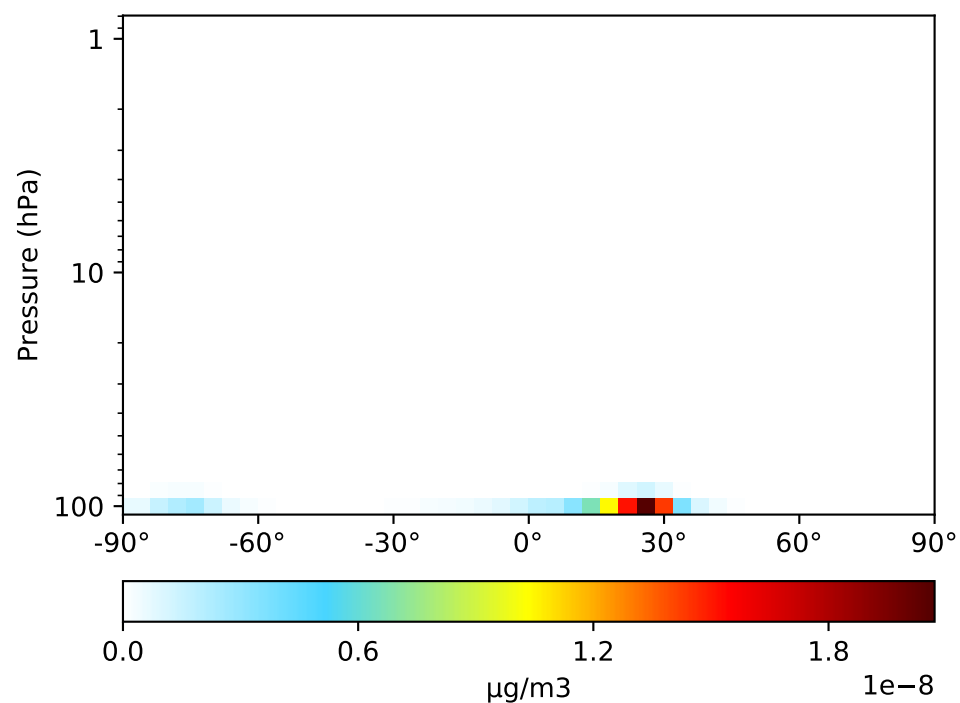


# SpeciesConc\_NITs, Zonal Mean

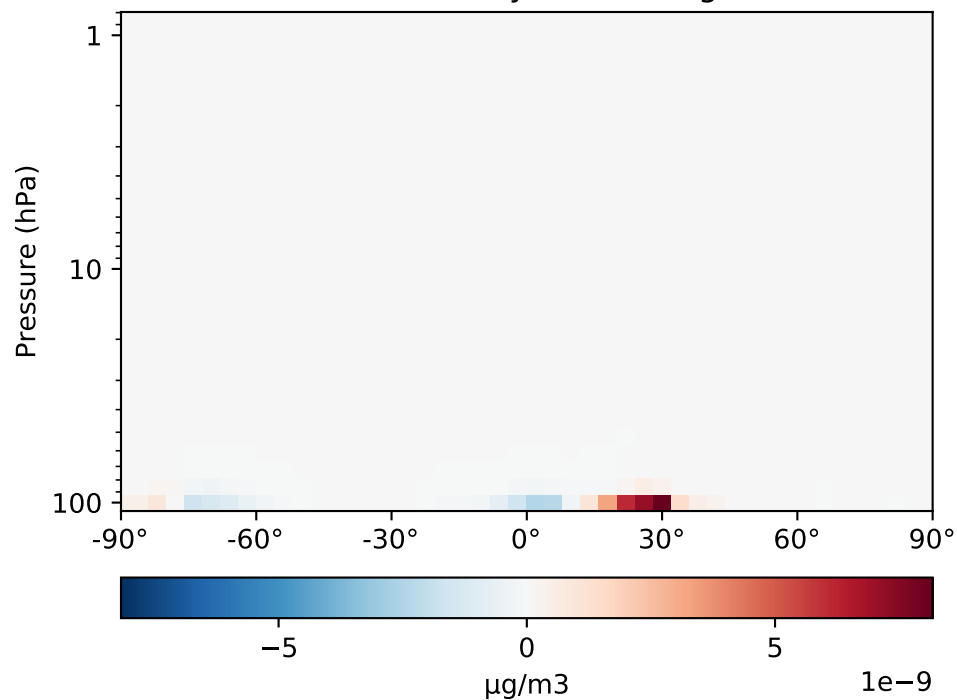
GCC\_12.9.0 (Ref)  
4.0x5.0



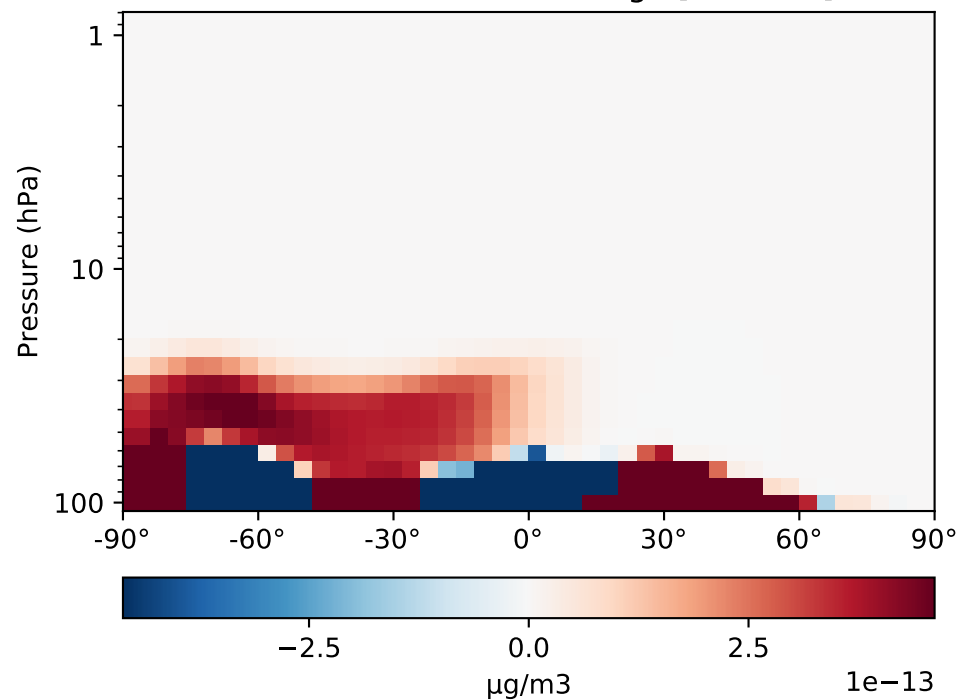
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



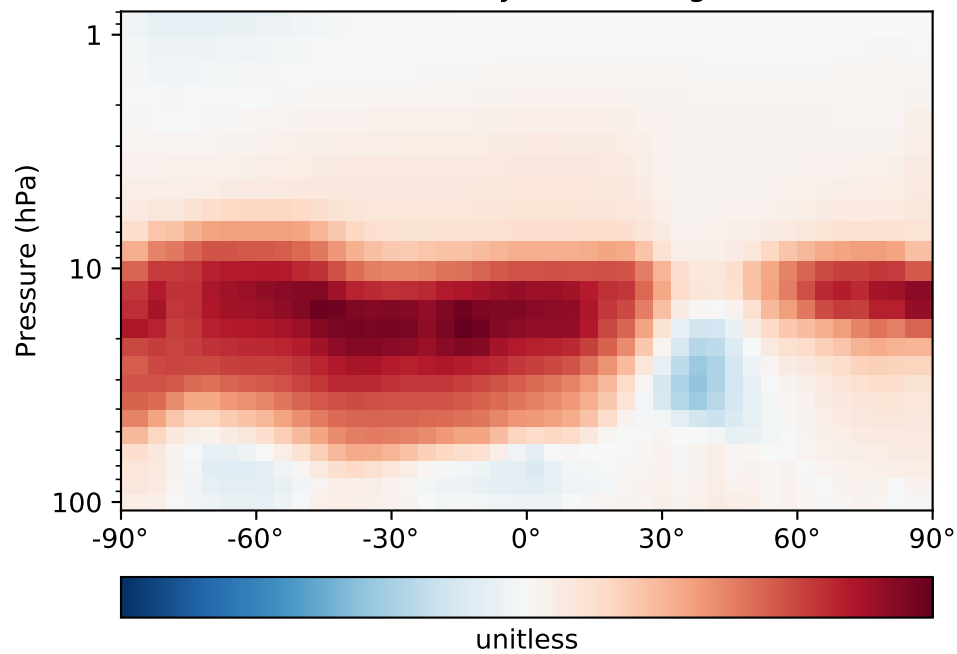
Difference  
Dev - Ref, Dynamic Range



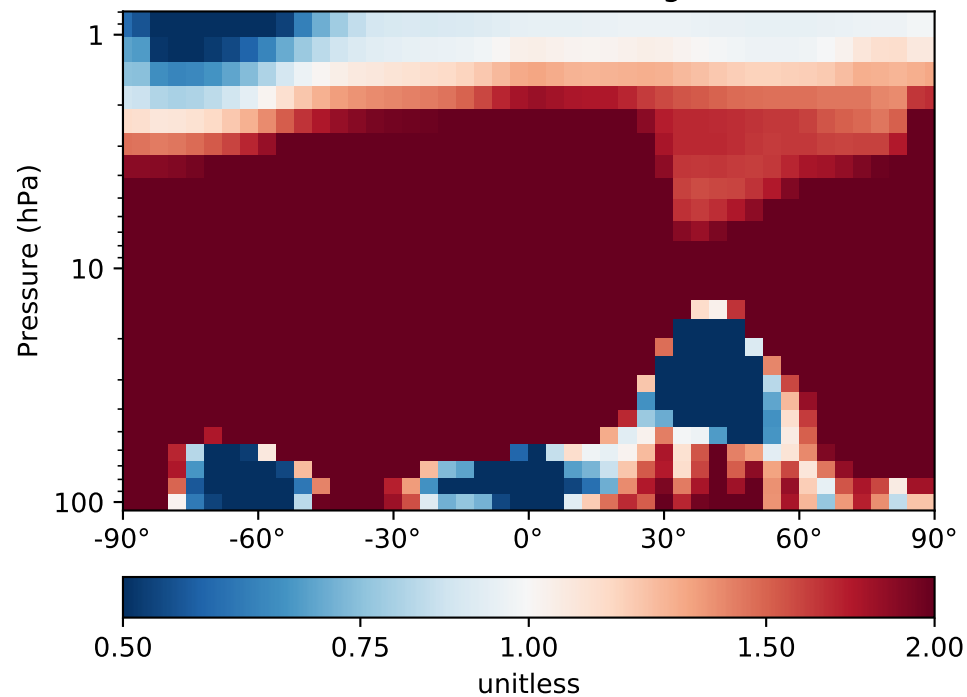
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

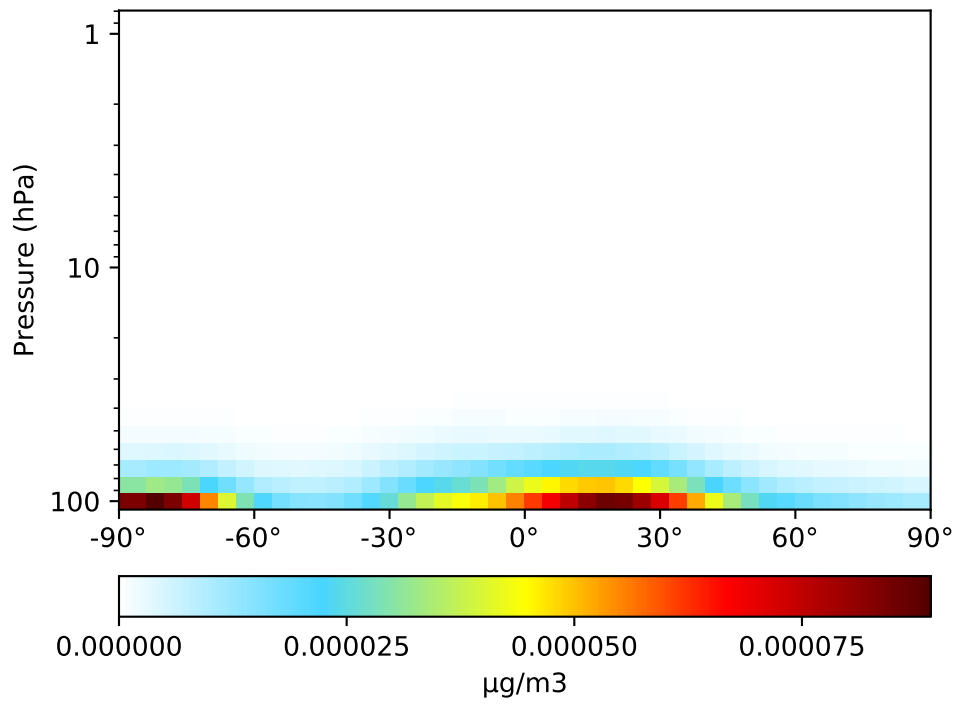


Ratio  
Dev/Ref, Fixed Range

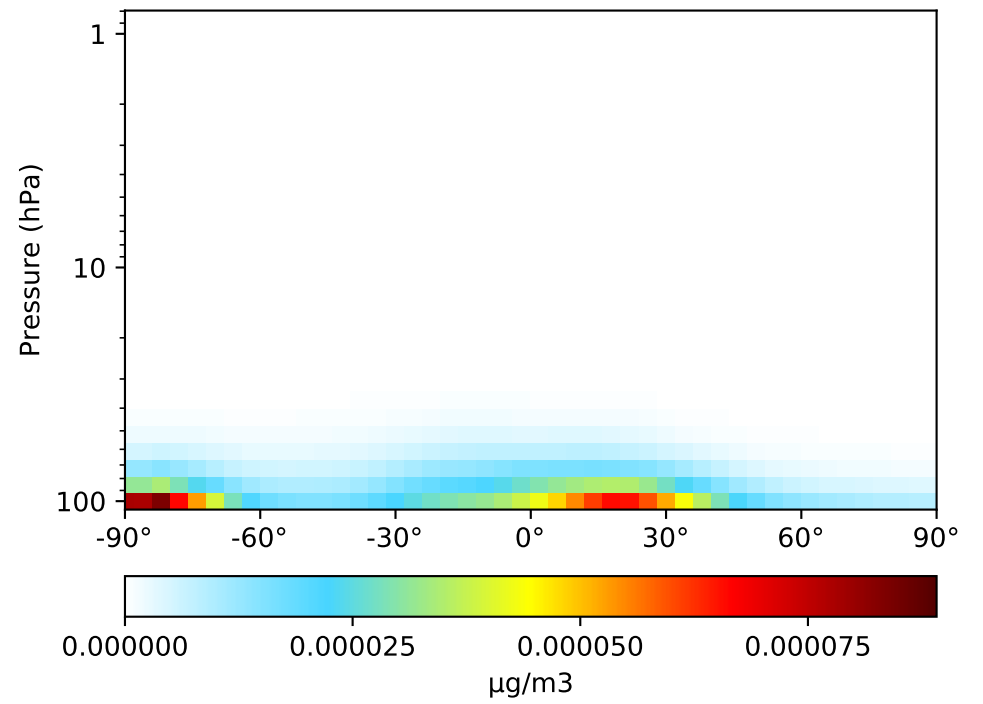


# SpeciesConc\_SALA, Zonal Mean

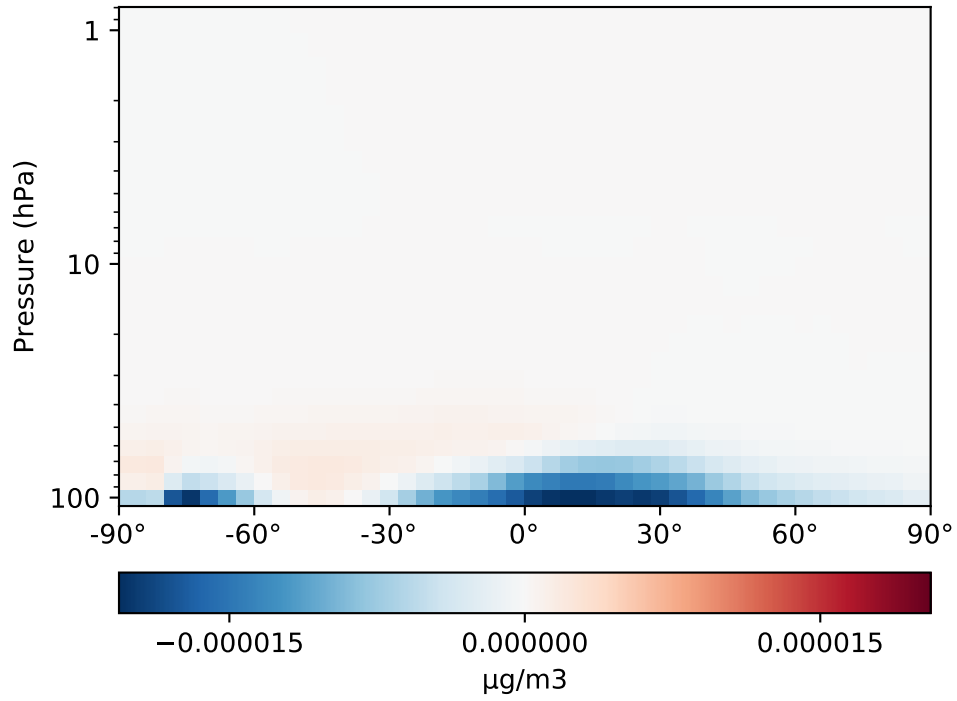
GCC\_12.9.0 (Ref)  
4.0x5.0



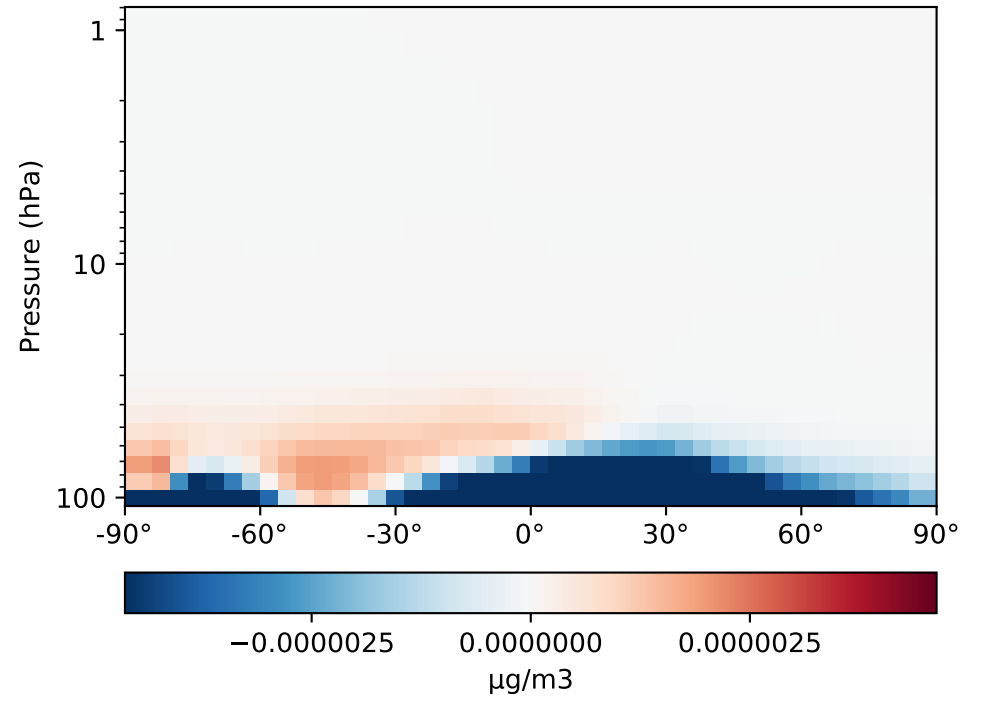
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



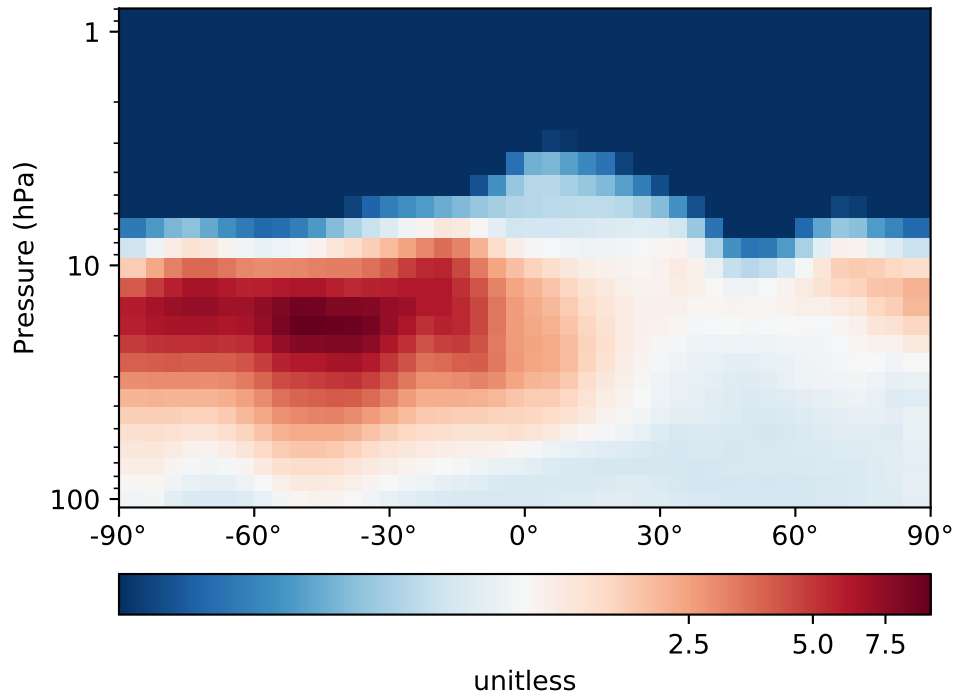
Difference  
Dev - Ref, Dynamic Range



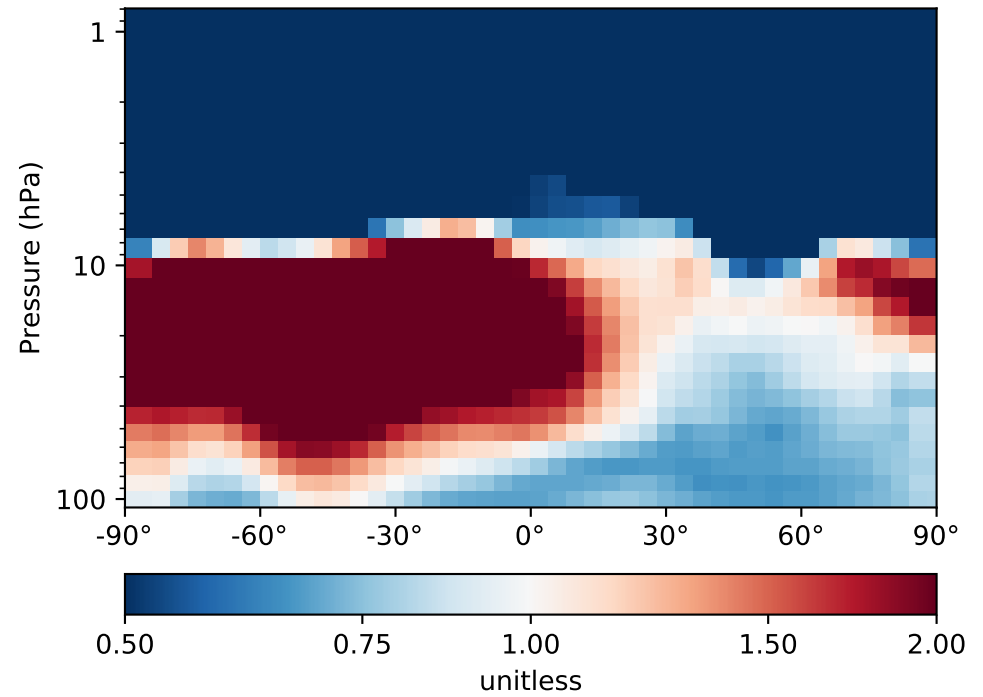
Difference  
Dev - Ref, Restricted Range [5%,95%]



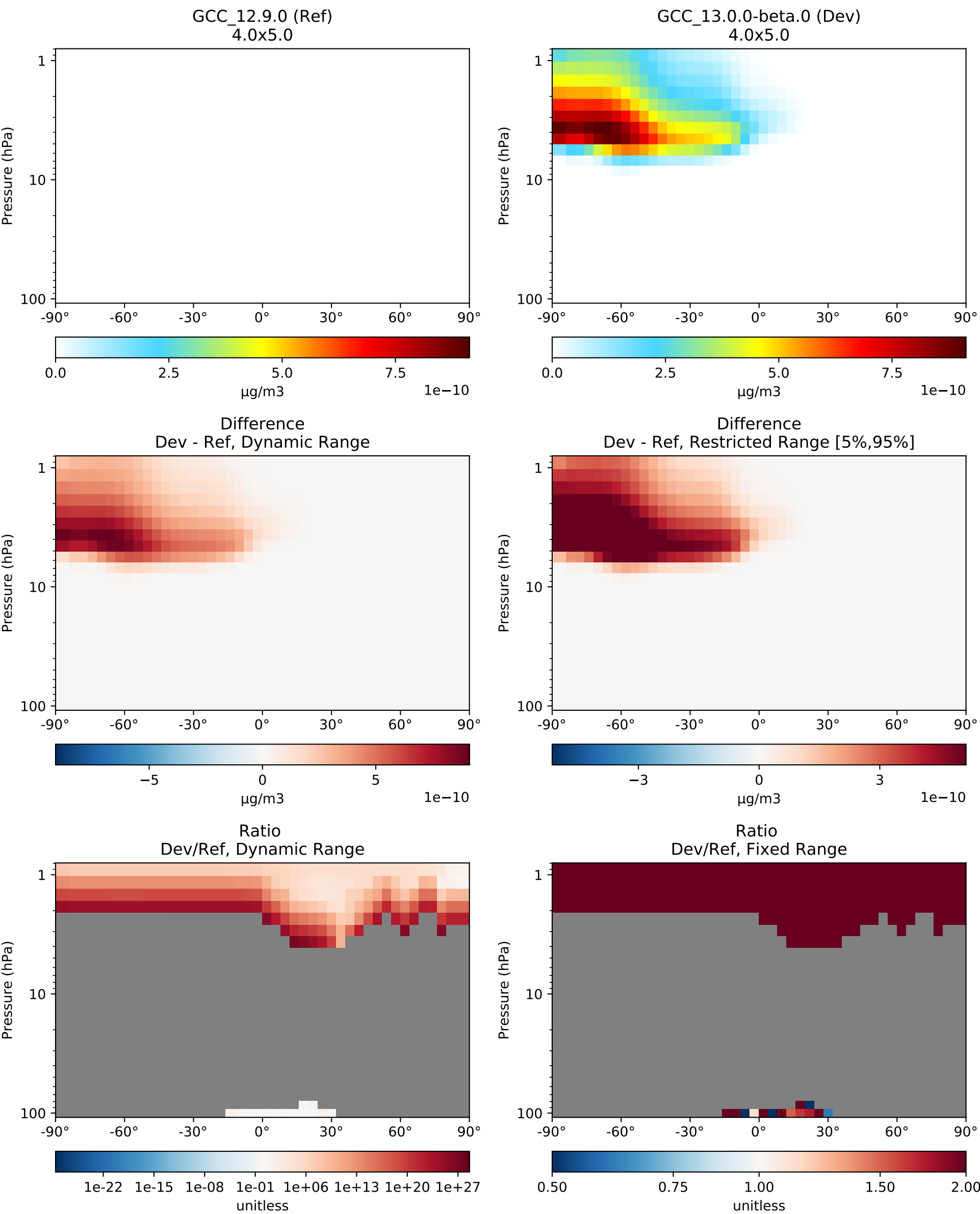
Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

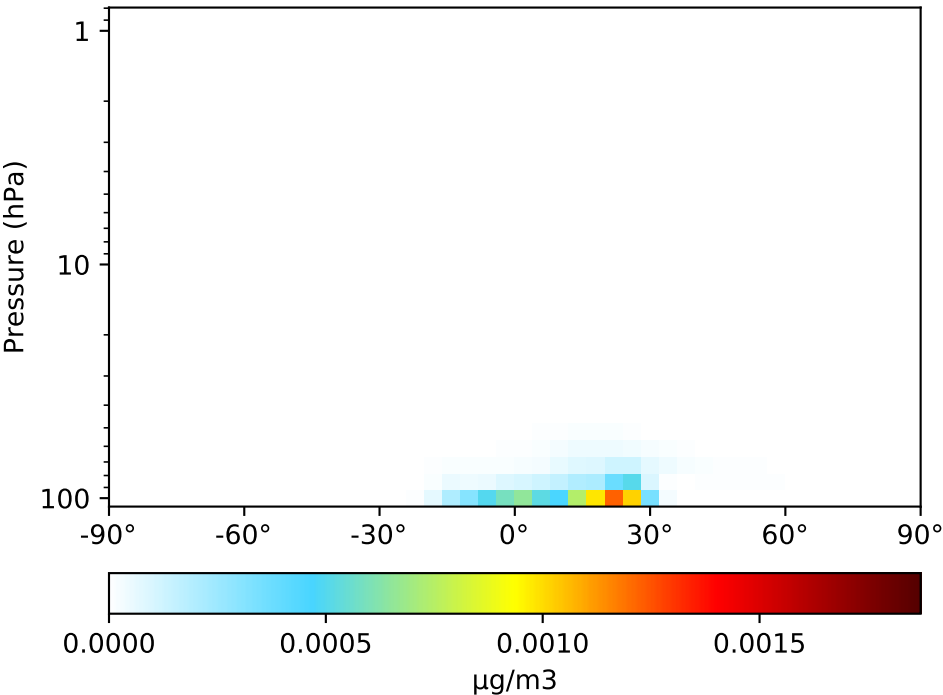


# SpeciesConc\_SALAAL, Zonal Mean

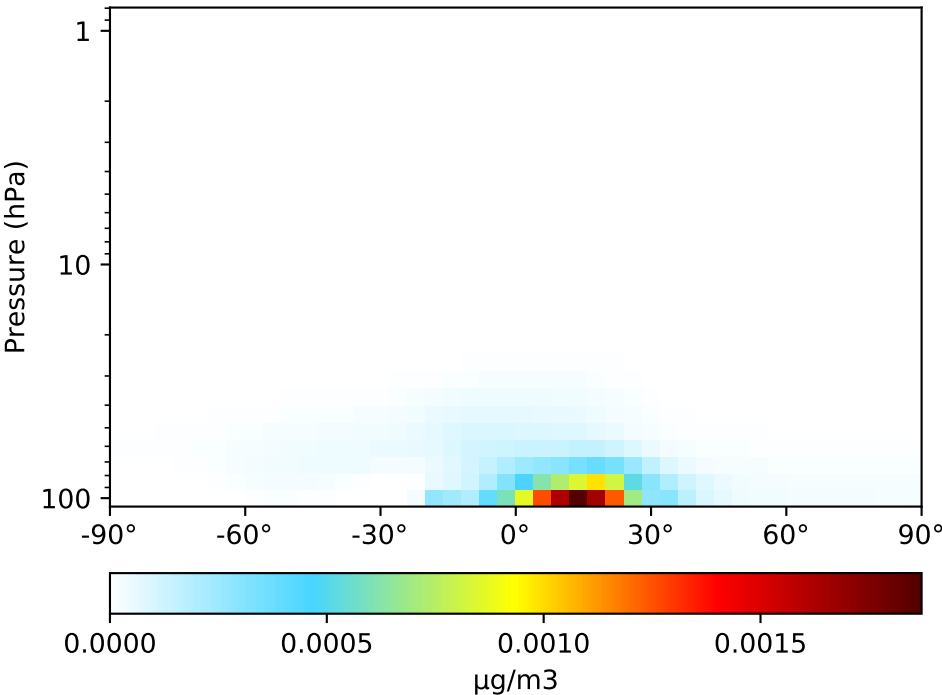


# SpeciesConc\_SALACL, Zonal Mean

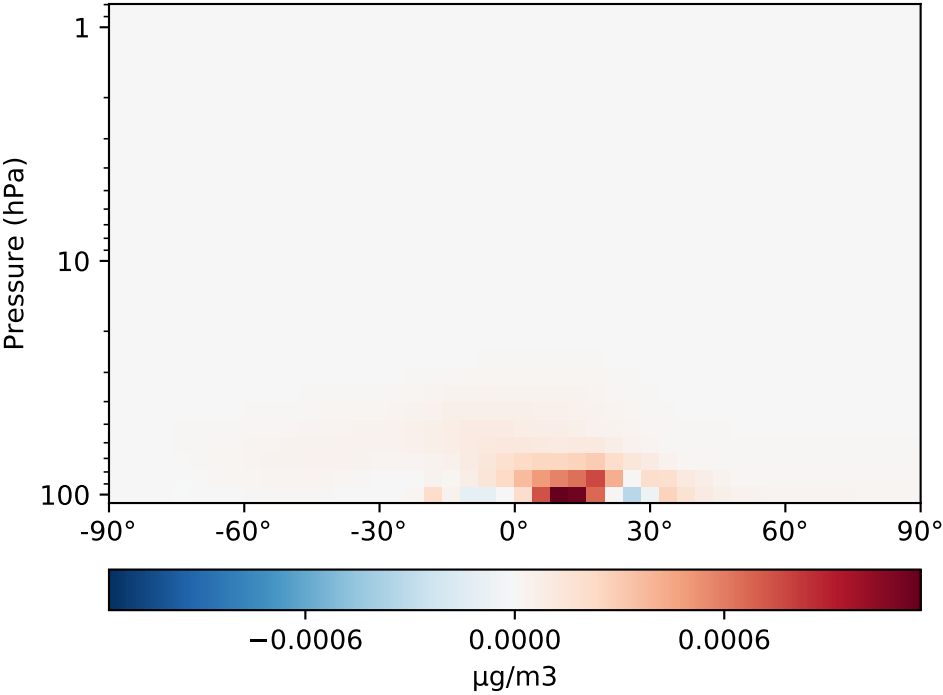
GCC\_12.9.0 (Ref)  
4.0x5.0



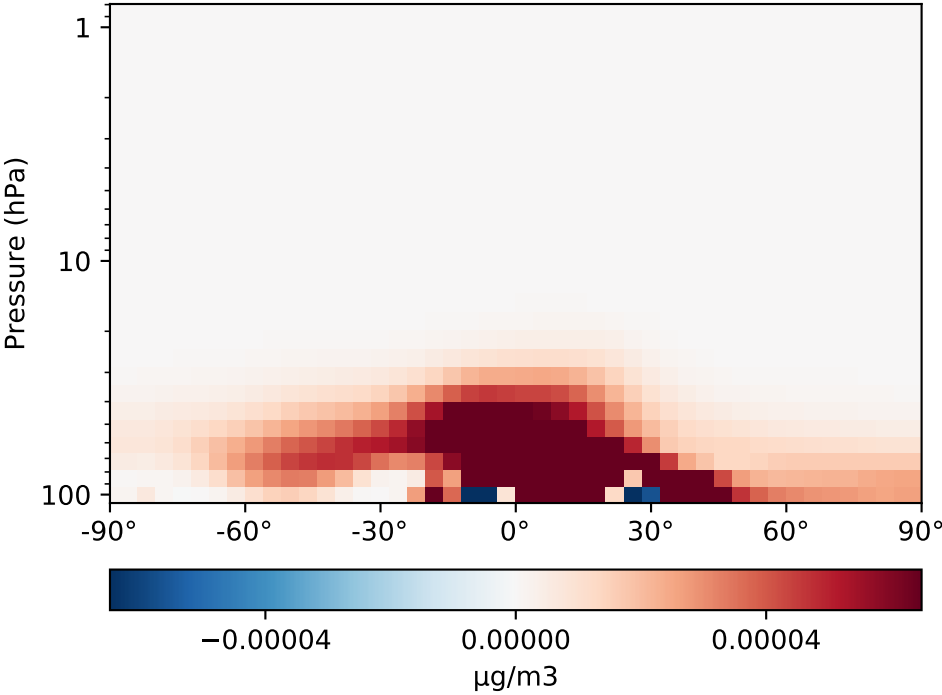
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



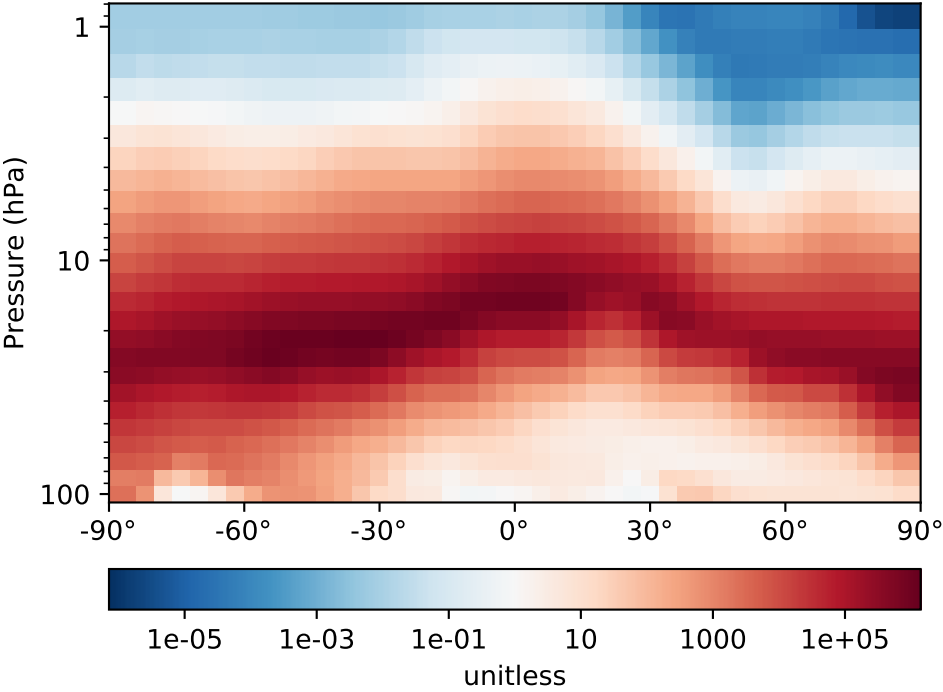
Difference  
Dev - Ref, Dynamic Range



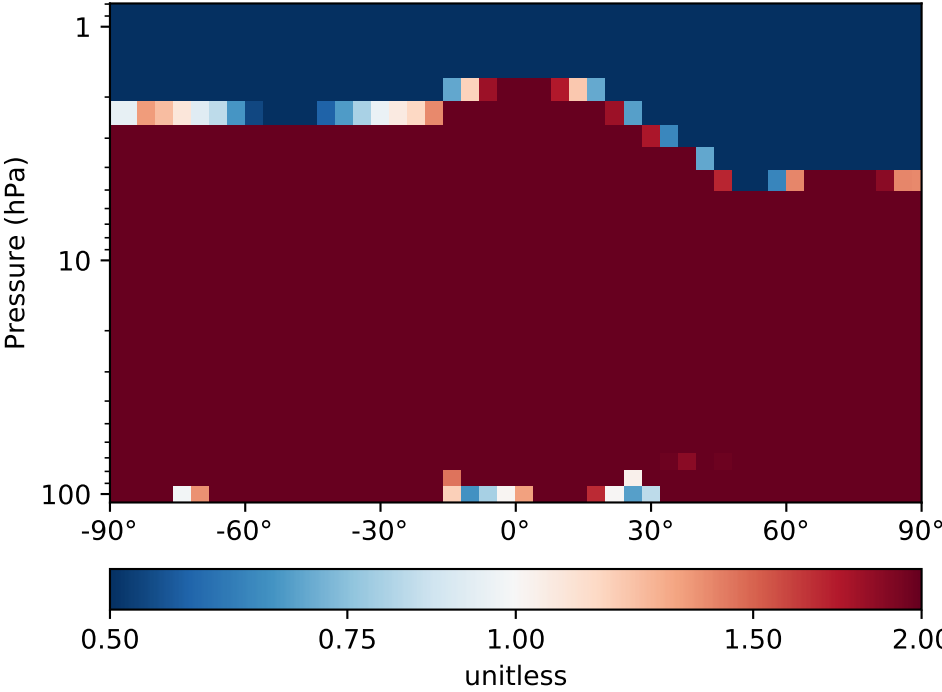
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



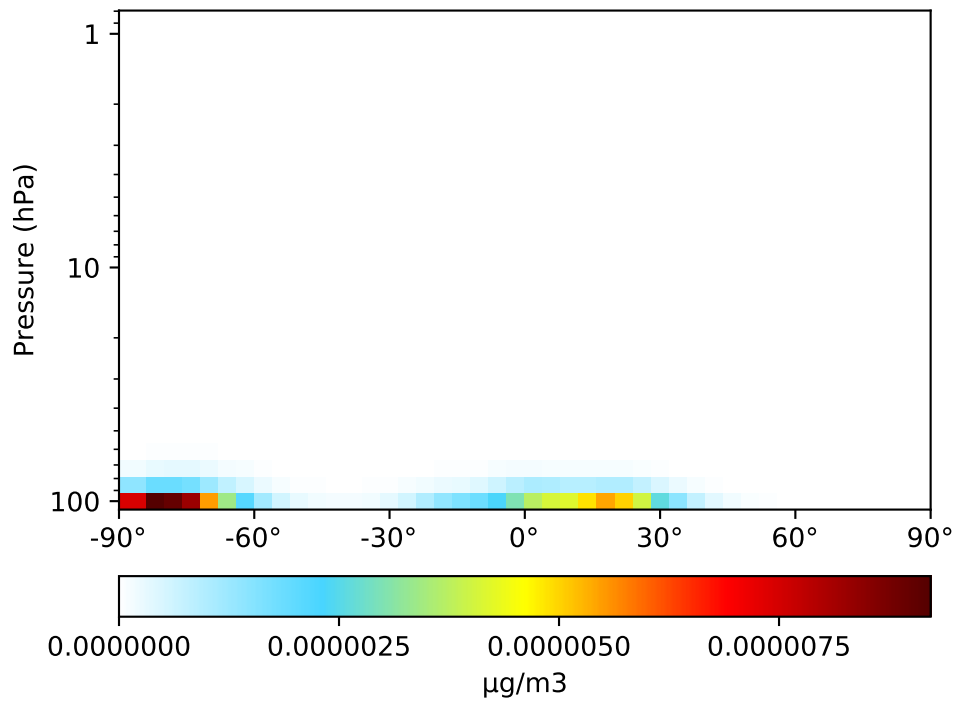
Ratio  
Dev/Ref, Fixed Range



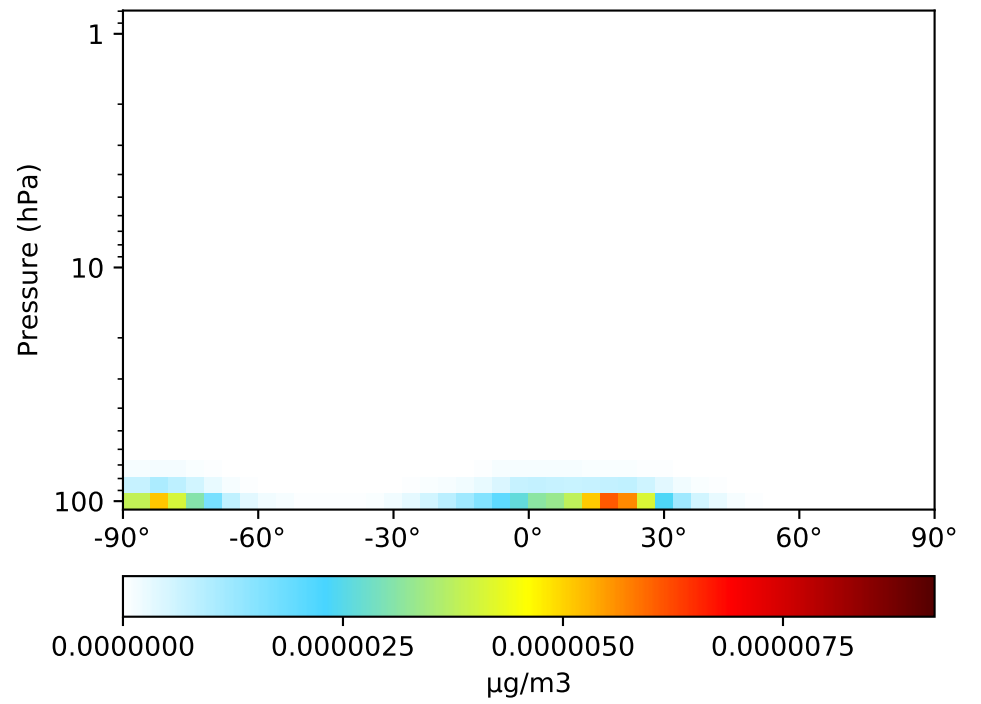


# SpeciesConc\_SALC, Zonal Mean

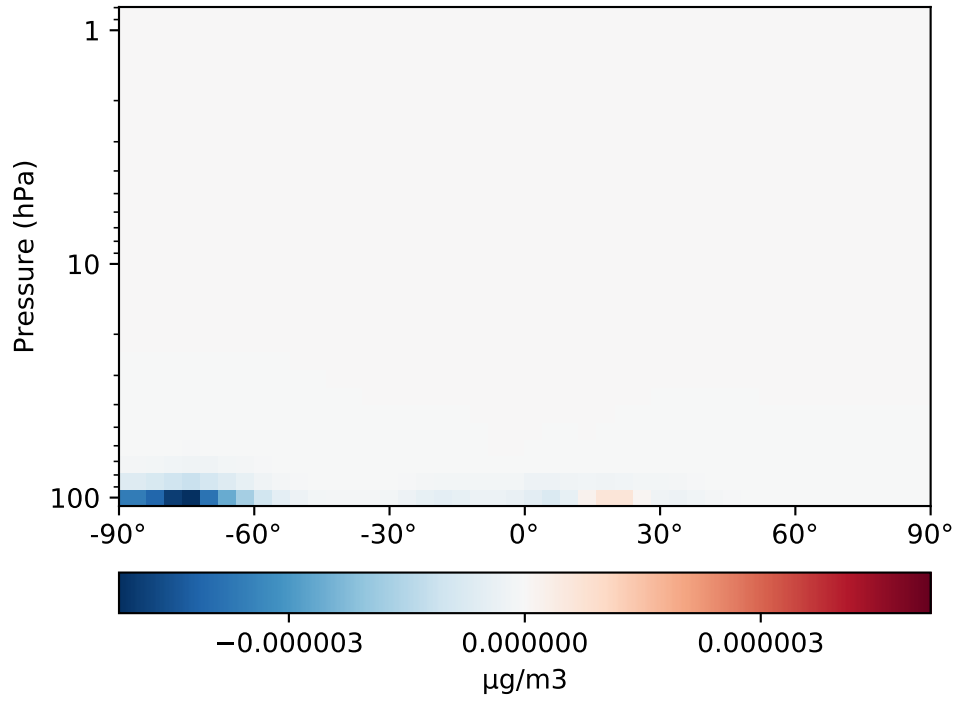
GCC\_12.9.0 (Ref)  
4.0x5.0



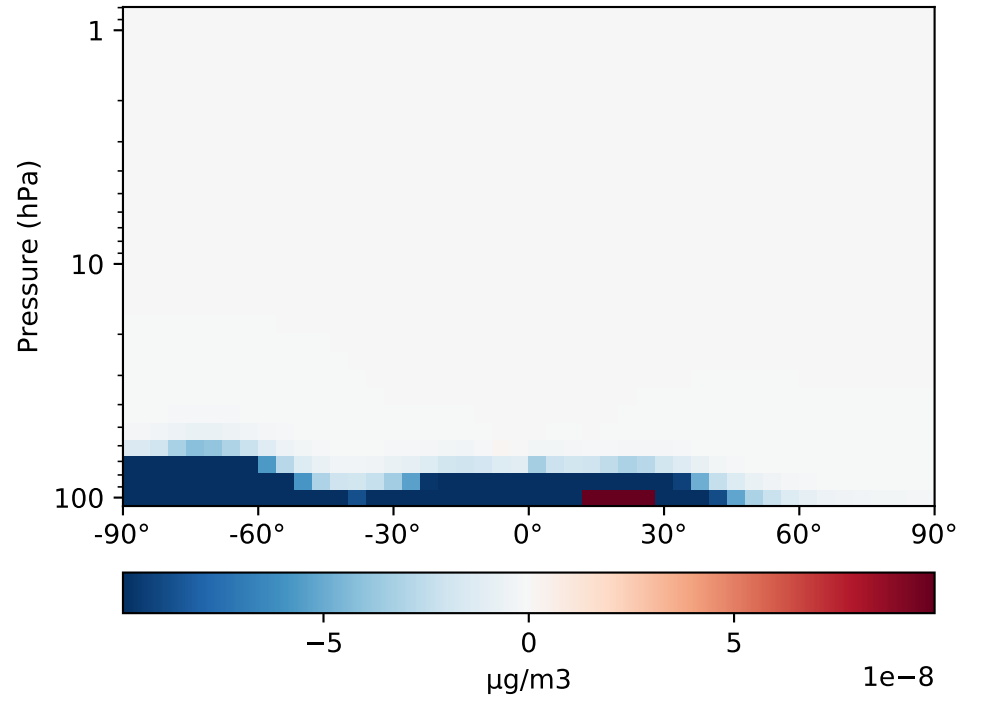
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



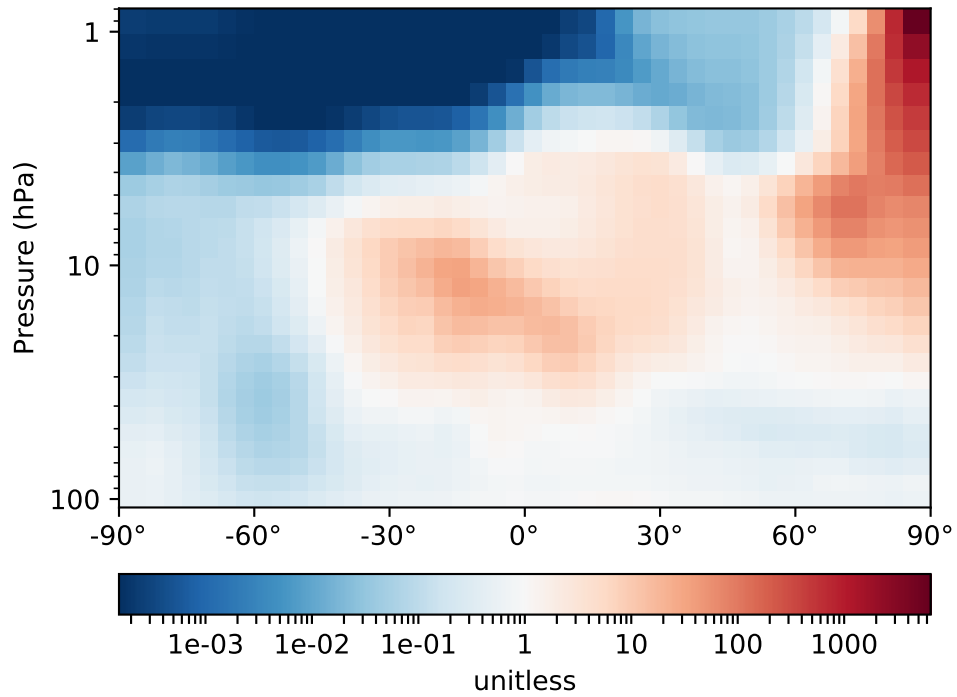
Difference  
Dev - Ref, Dynamic Range



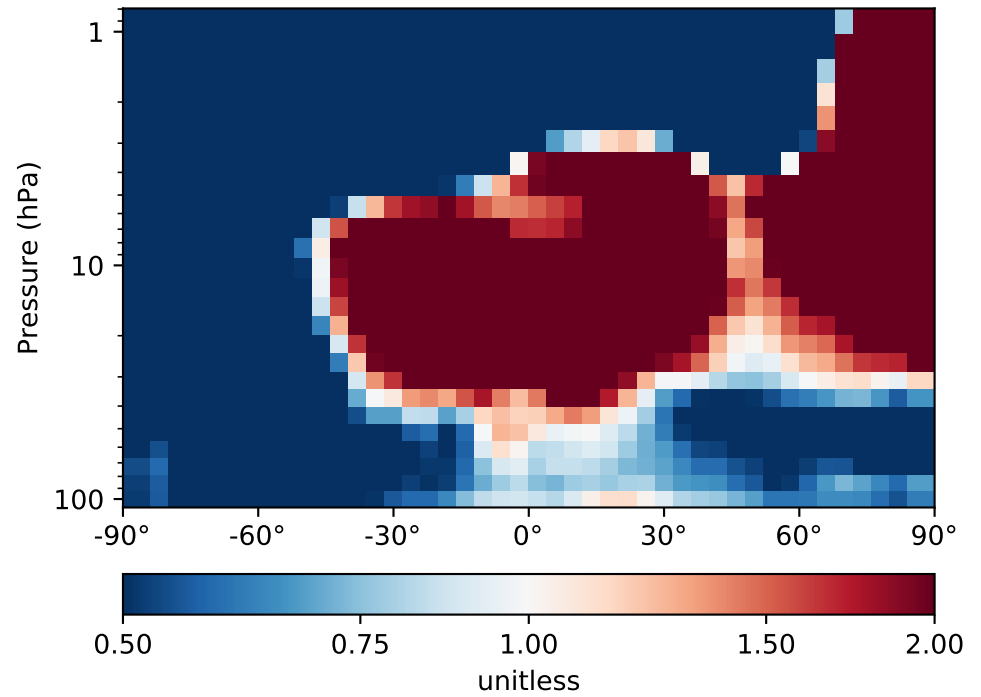
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

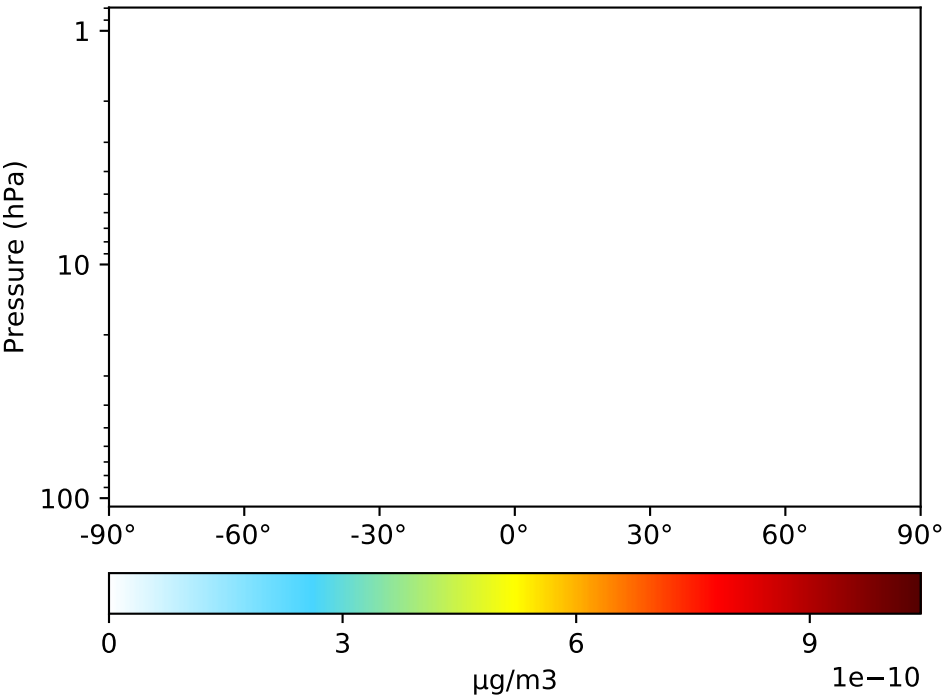


Ratio  
Dev/Ref, Fixed Range

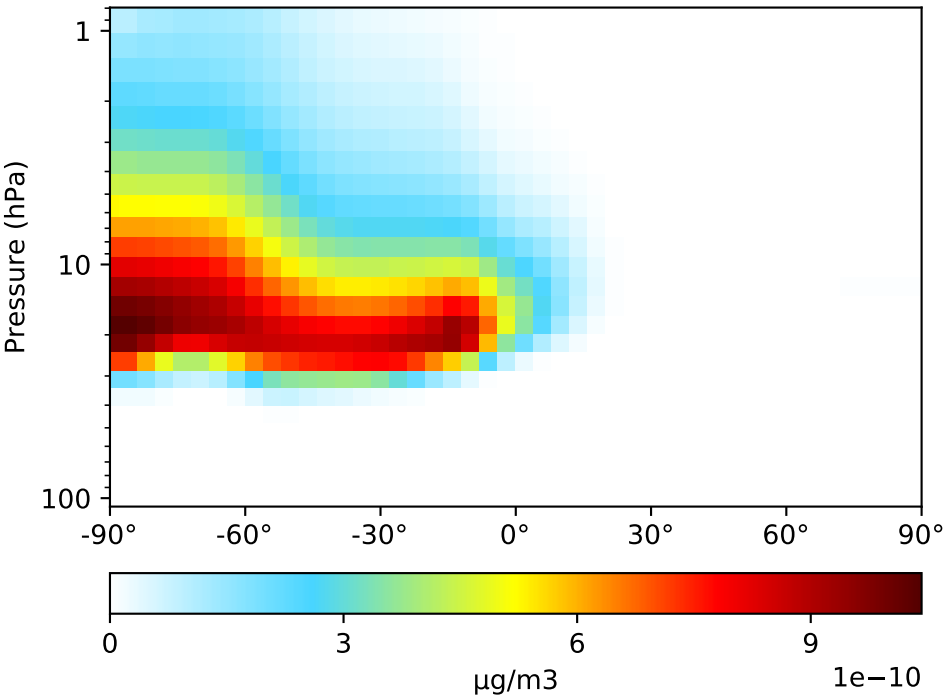


# SpeciesConc\_SALCAL, Zonal Mean

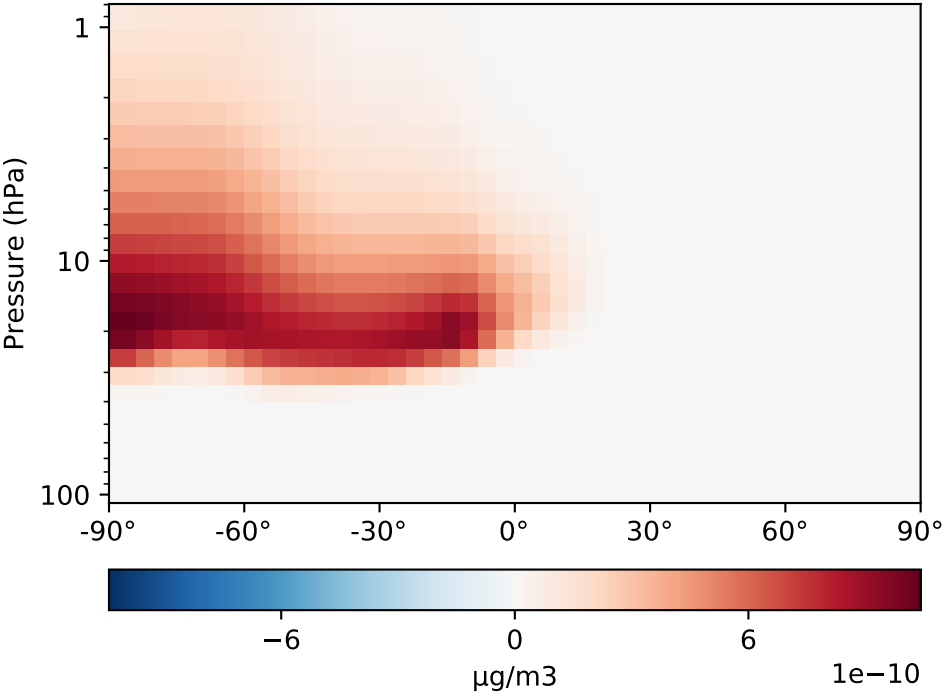
GCC\_12.9.0 (Ref)  
4.0x5.0



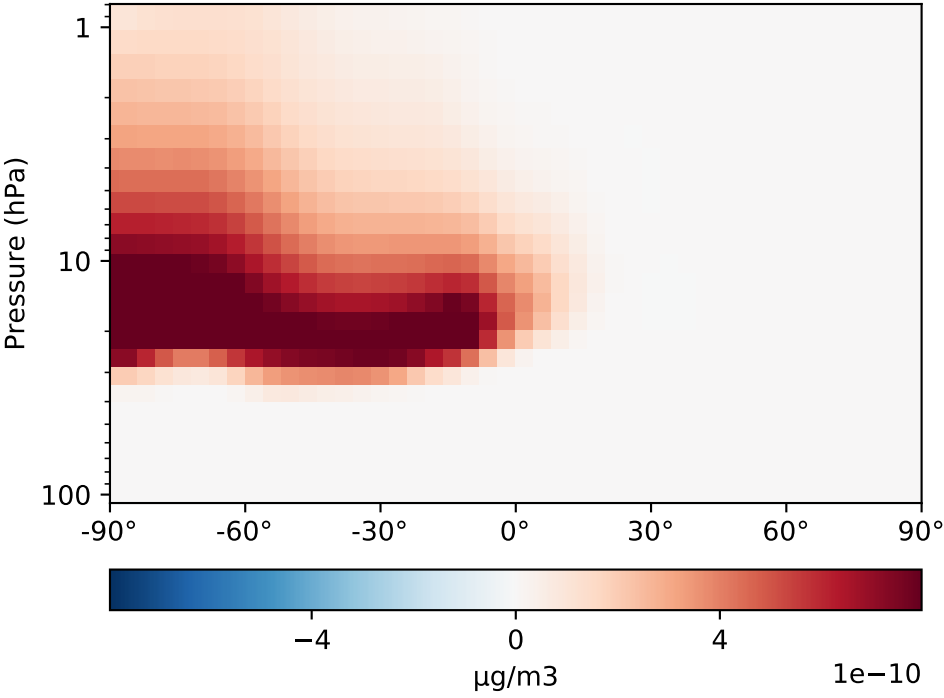
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



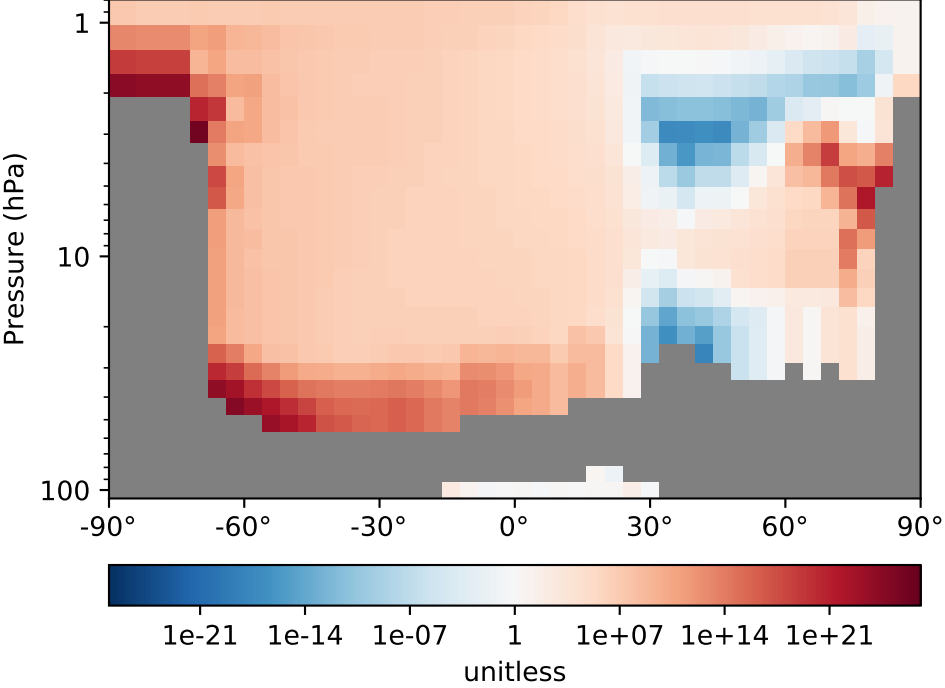
Difference  
Dev - Ref, Dynamic Range



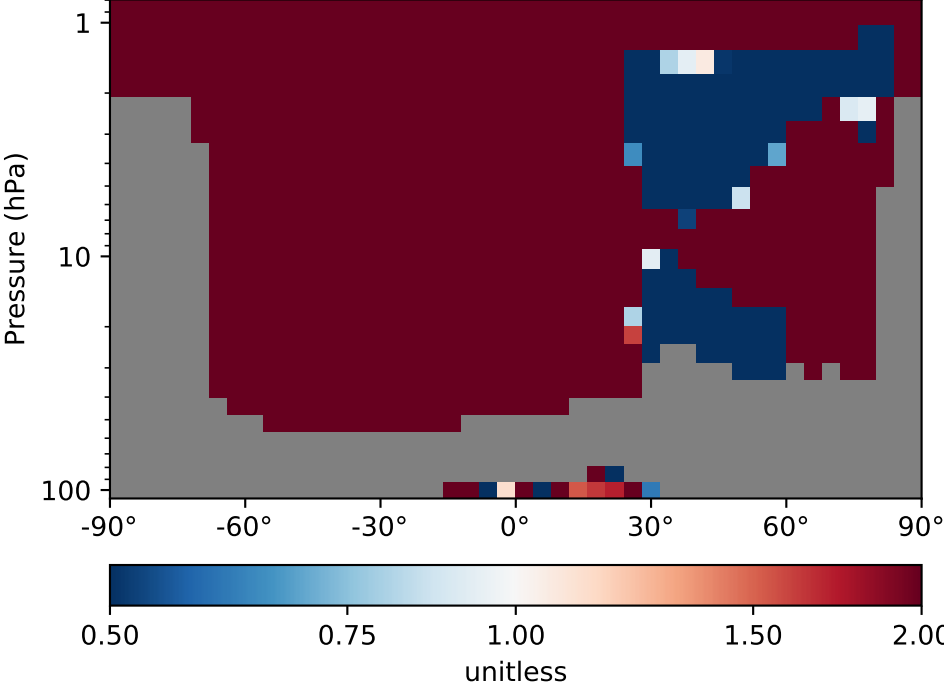
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

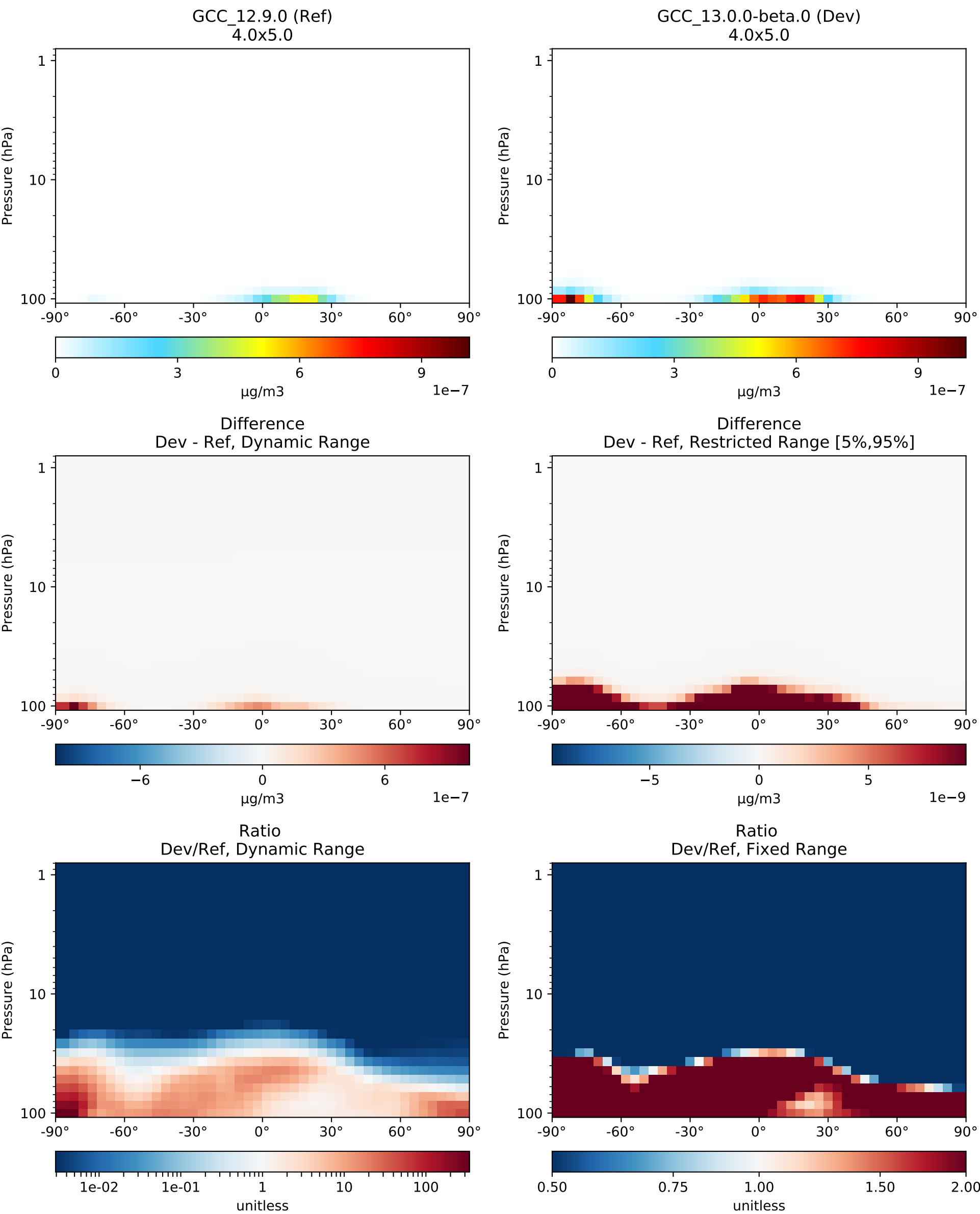


Ratio  
Dev/Ref, Fixed Range



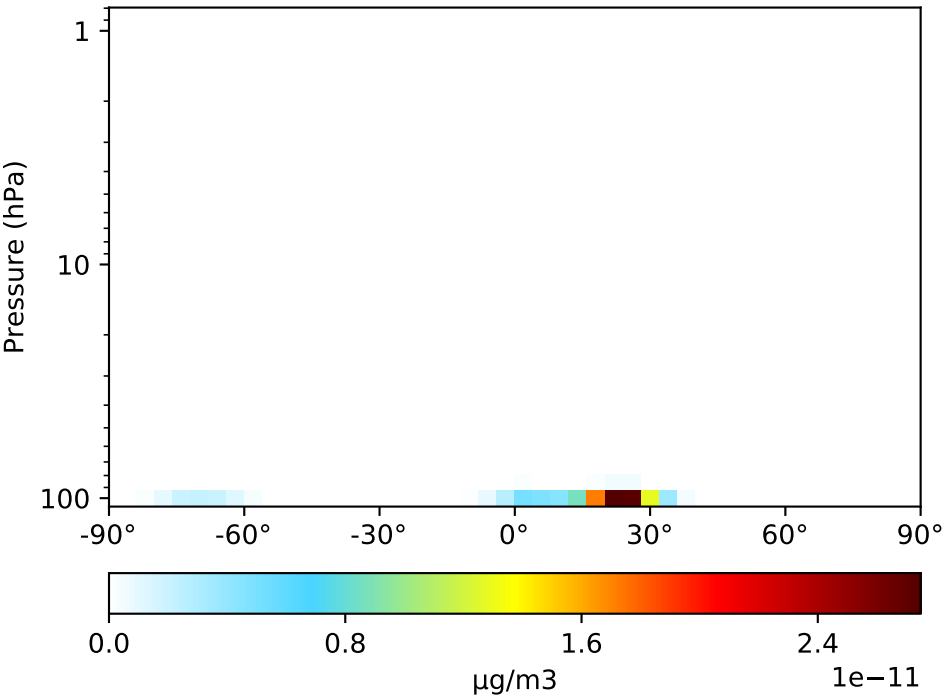


# SpeciesConc\_SALCCL, Zonal Mean

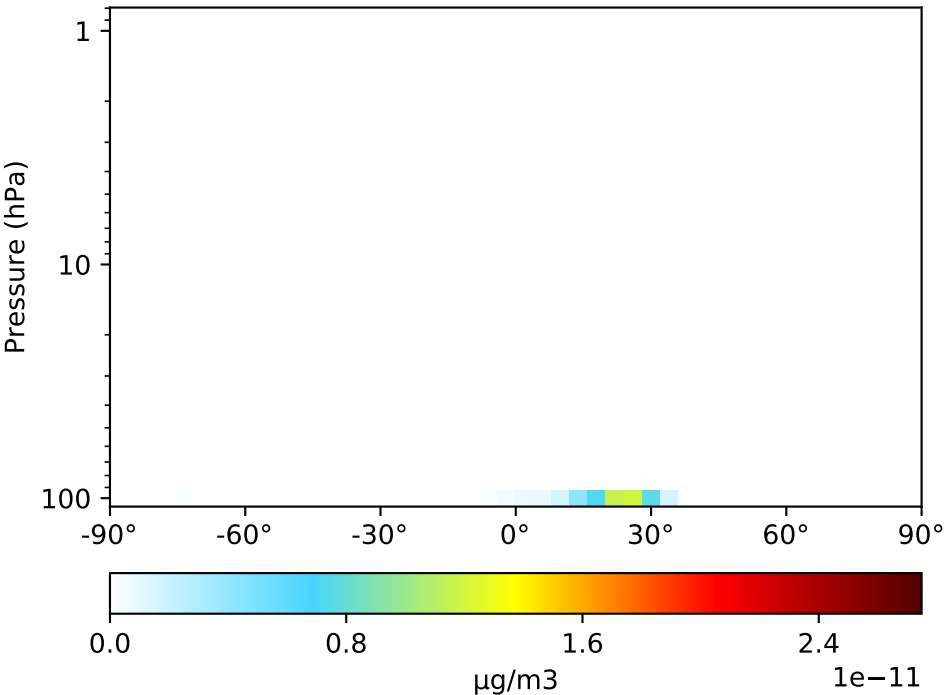


# SpeciesConc\_SO4s, Zonal Mean

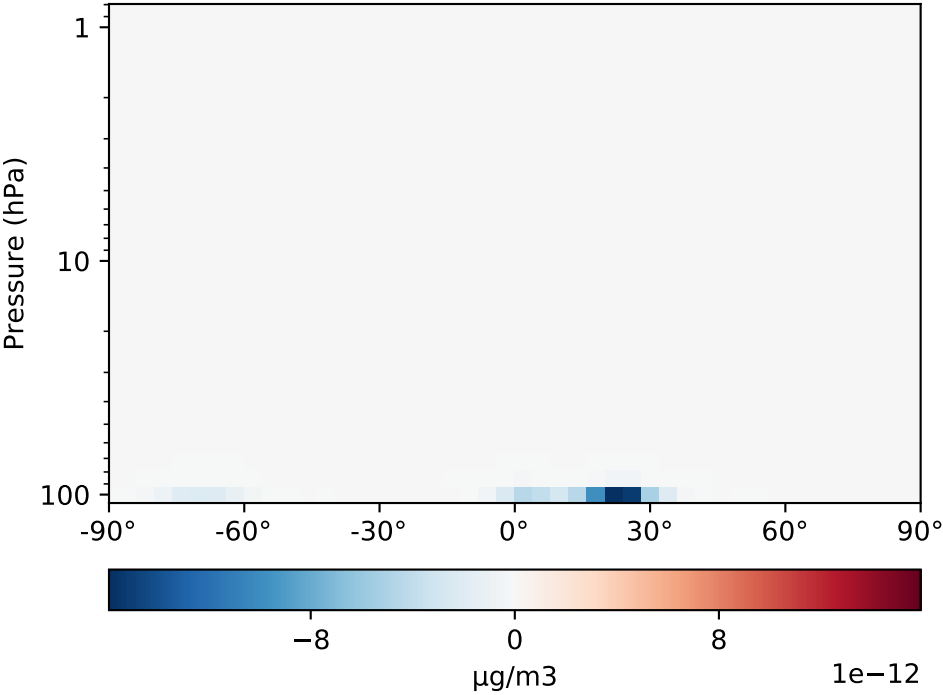
GCC\_12.9.0 (Ref)  
4.0x5.0



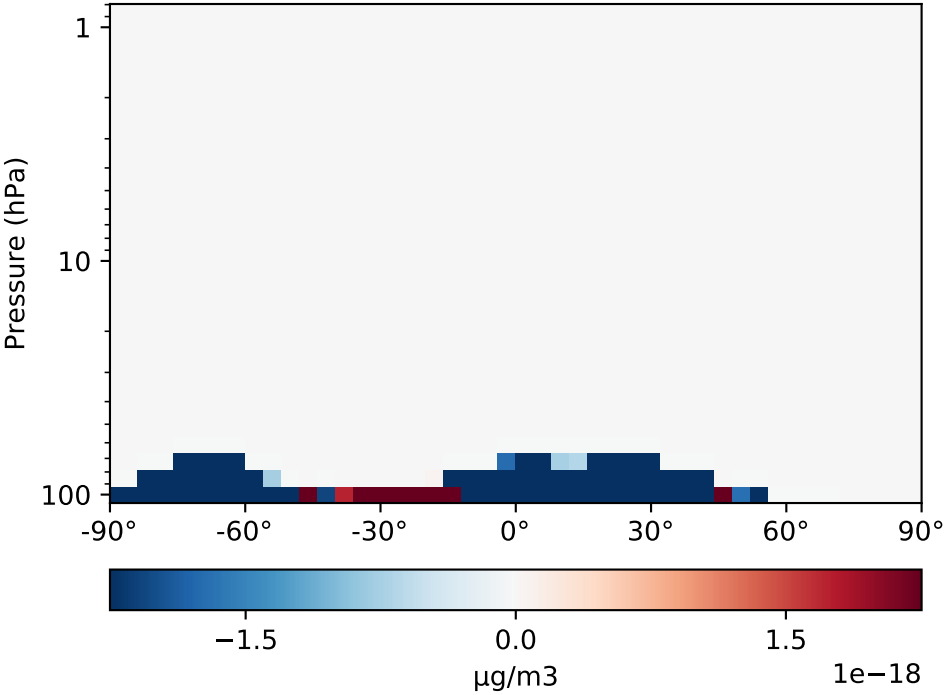
GCC\_13.0.0-beta.0 (Dev)  
4.0x5.0



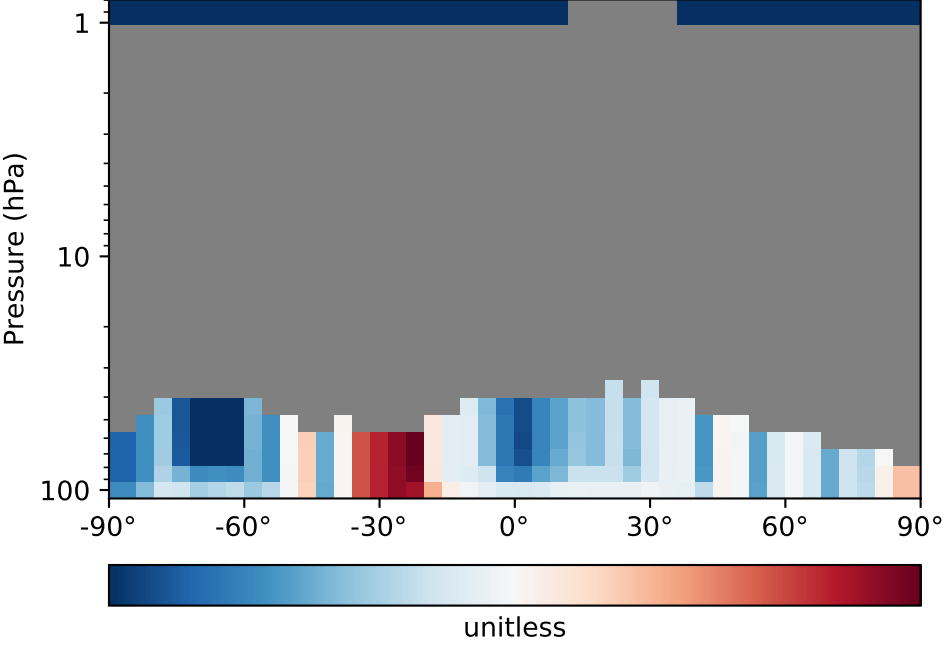
Difference  
Dev - Ref, Dynamic Range



Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

