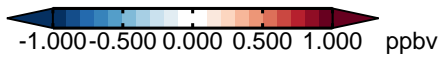
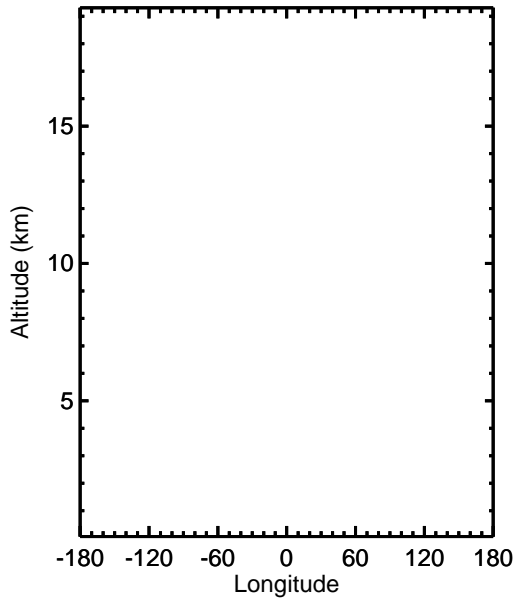
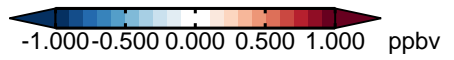
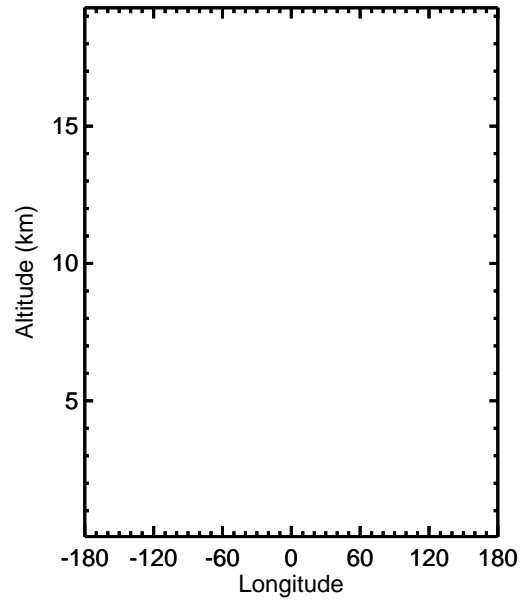


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

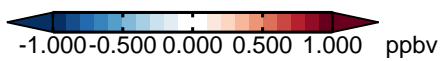
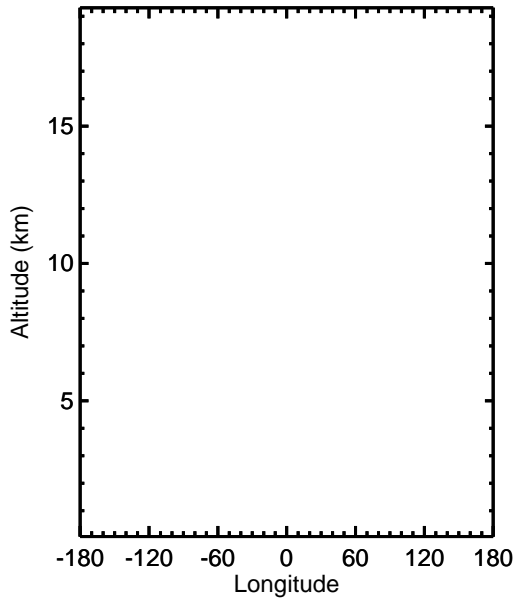
v11-01k-Run0 - v11-01g-Run0  
NO - Diff along 15S for Oct



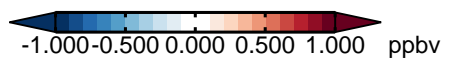
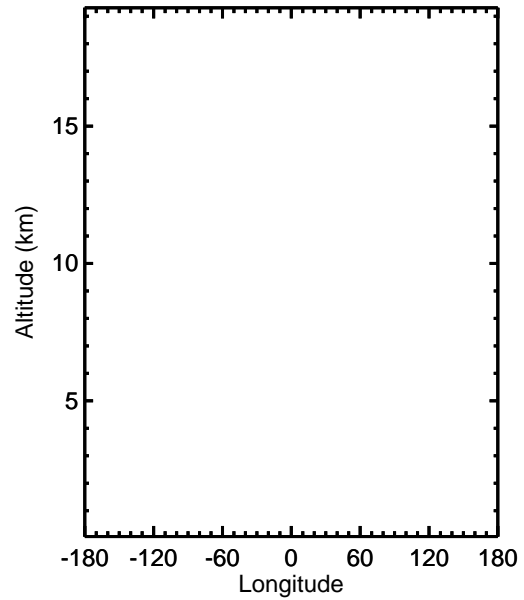
v11-01k-Run0 - v11-01g-Run0  
NO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NO - Diff along 15S for Oct



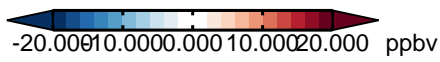
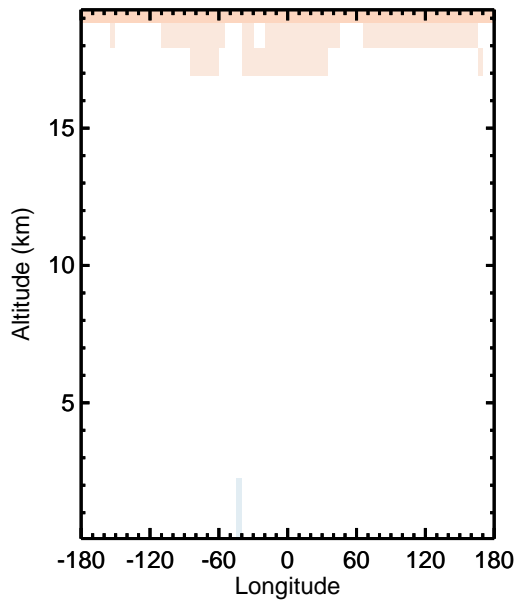
v11-01k-Run0 - v11-01f-geosfp-Run0  
NO - Diff along 42N for Oct



# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

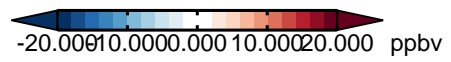
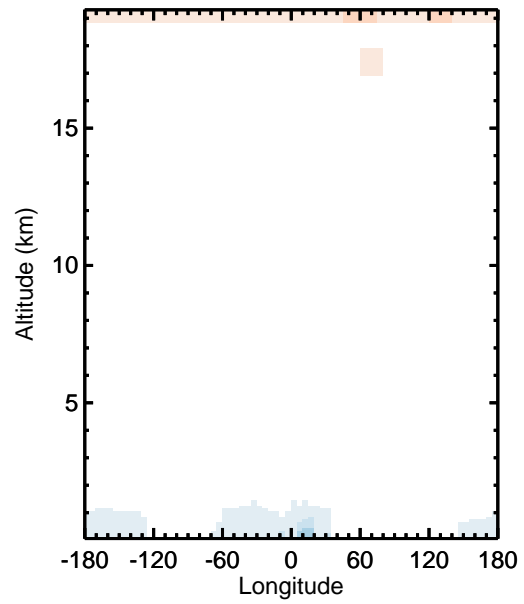
v11-01k-Run0 - v11-01g-Run0

O3 - Diff along 15S for Oct



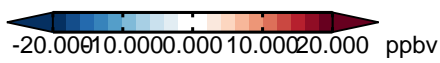
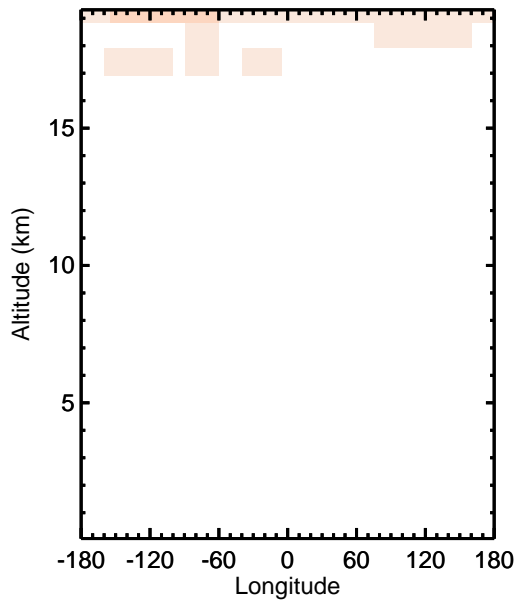
v11-01k-Run0 - v11-01g-Run0

O3 - Diff along 42N for Oct



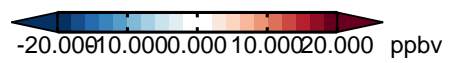
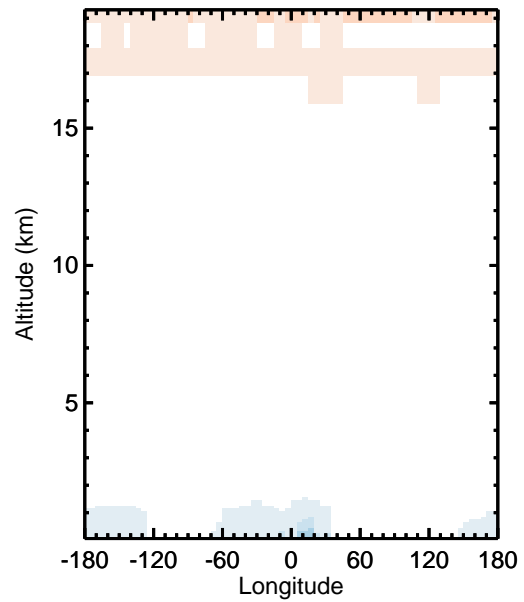
v11-01k-Run0 - v11-01f-geosfp-Run0

O3 - Diff along 15S for Oct



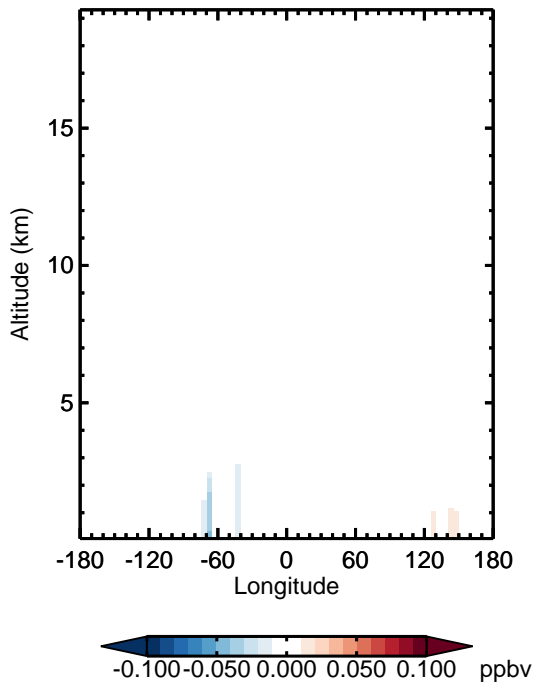
v11-01k-Run0 - v11-01f-geosfp-Run0

O3 - Diff along 42N for Oct

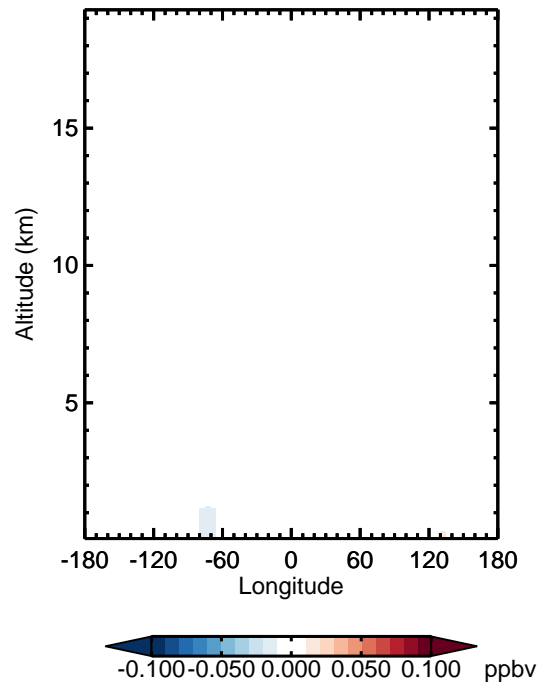


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

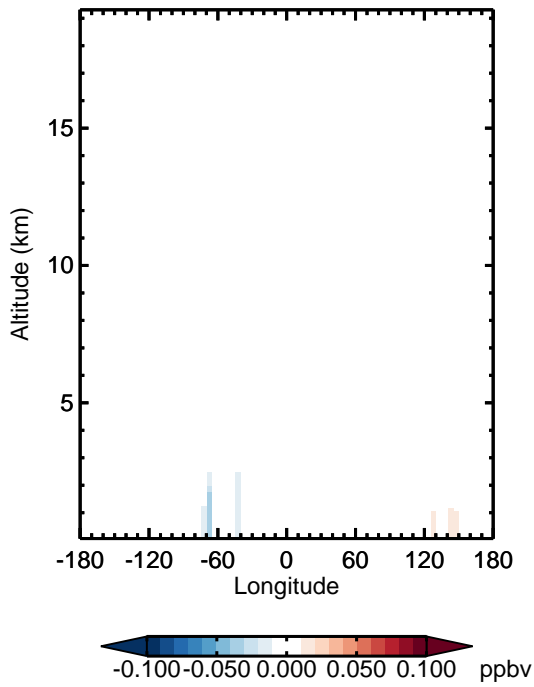
v11-01k-Run0 - v11-01g-Run0  
PAN - Diff along 15S for Oct



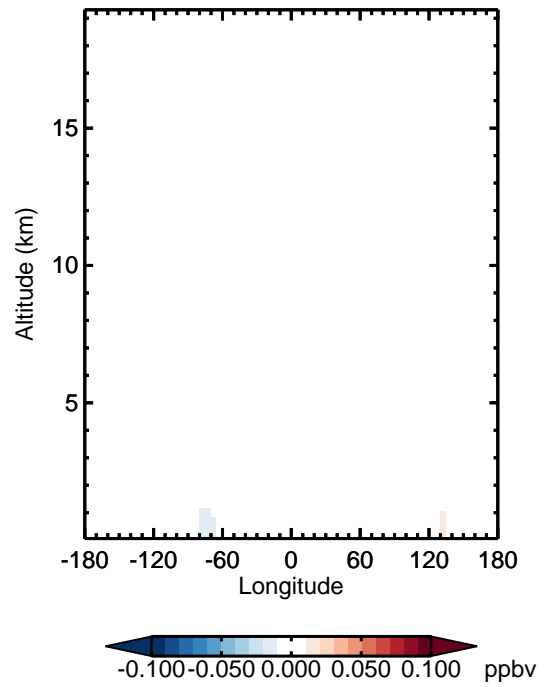
v11-01k-Run0 - v11-01g-Run0  
PAN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
PAN - Diff along 15S for Oct

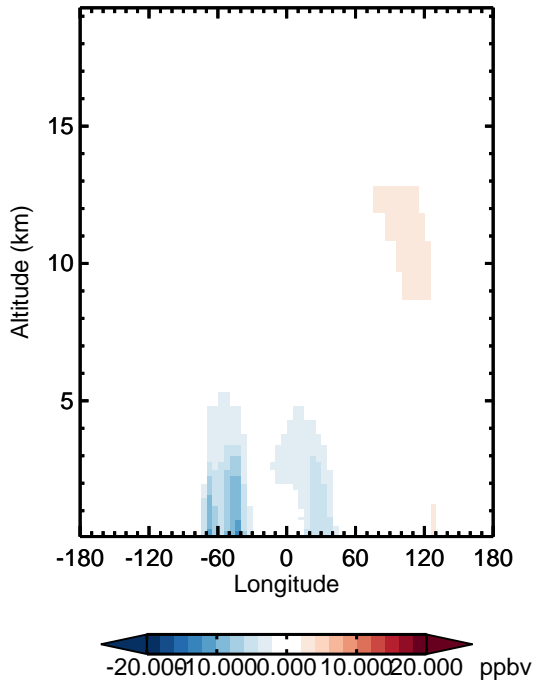


v11-01k-Run0 - v11-01f-geosfp-Run0  
PAN - Diff along 42N for Oct

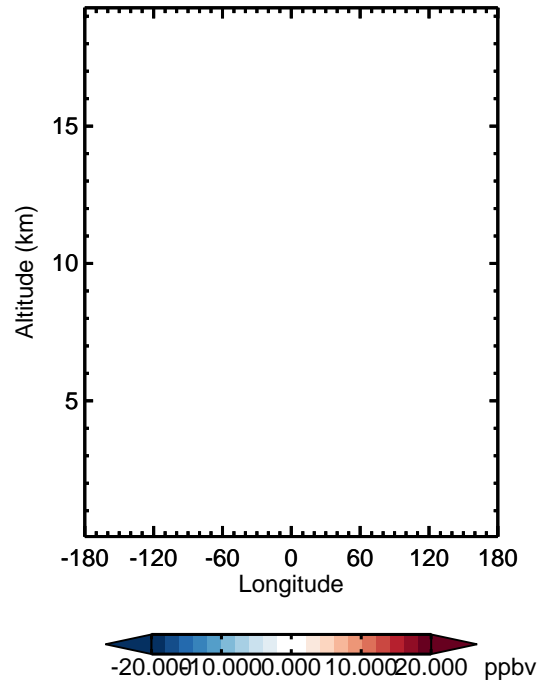


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

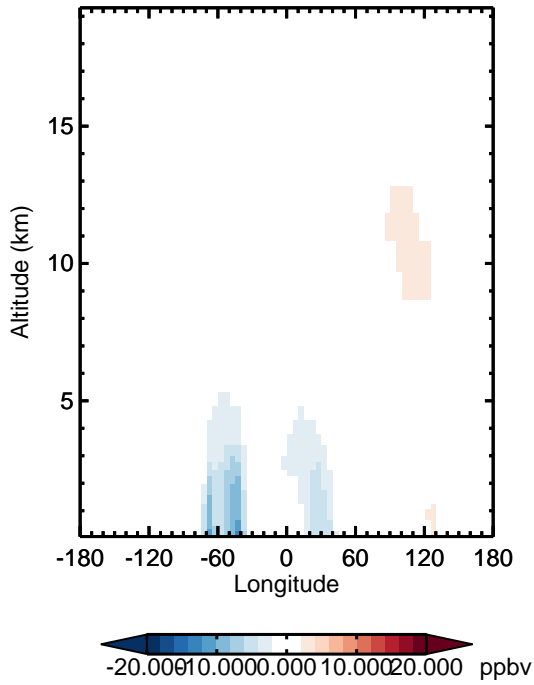
v11-01k-Run0 - v11-01g-Run0  
CO - Diff along 15S for Oct



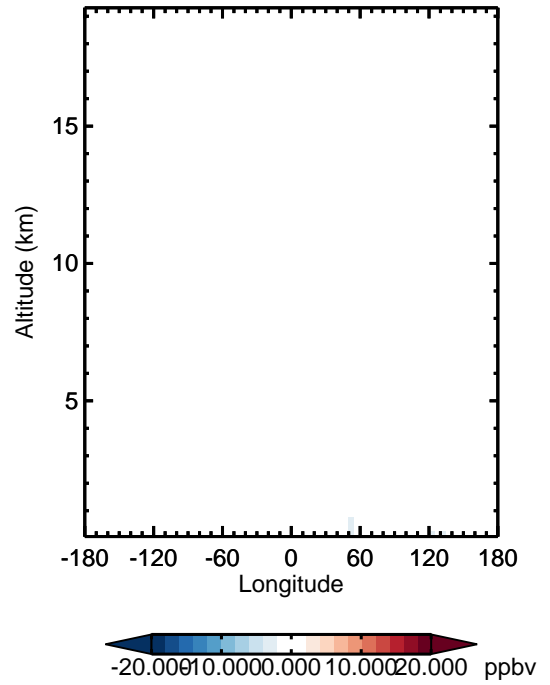
v11-01k-Run0 - v11-01g-Run0  
CO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CO - Diff along 15S for Oct

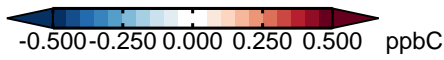
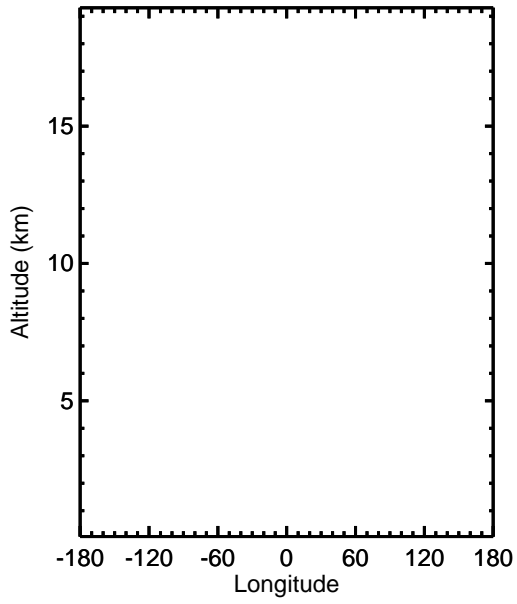


v11-01k-Run0 - v11-01f-geosfp-Run0  
CO - Diff along 42N for Oct

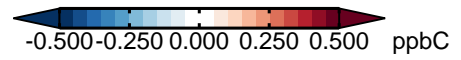
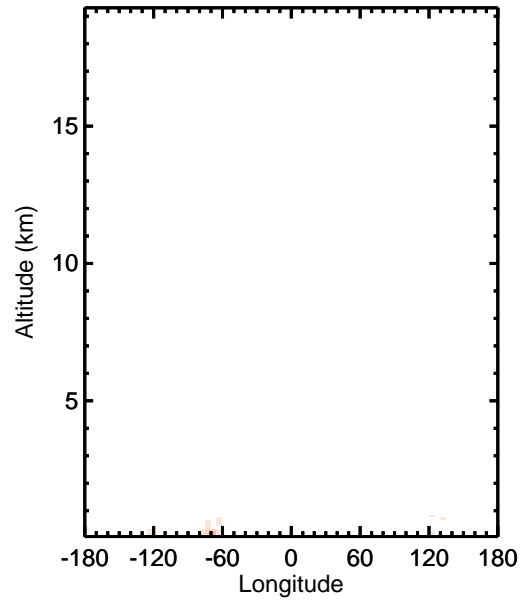


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

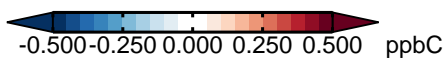
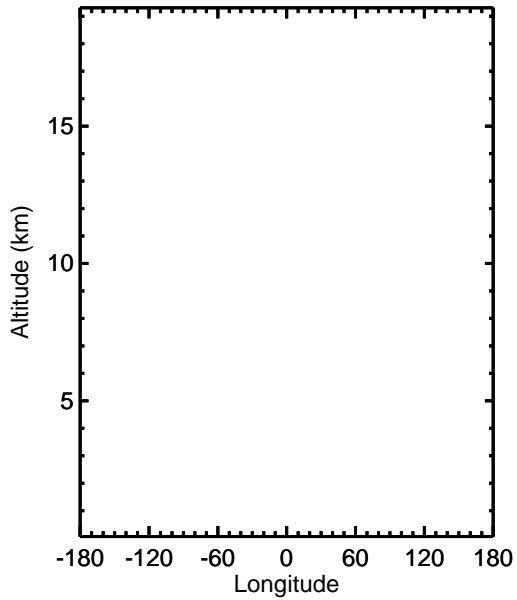
v11-01k-Run0 - v11-01g-Run0  
ALK4 - Diff along 15S for Oct



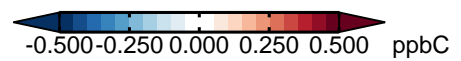
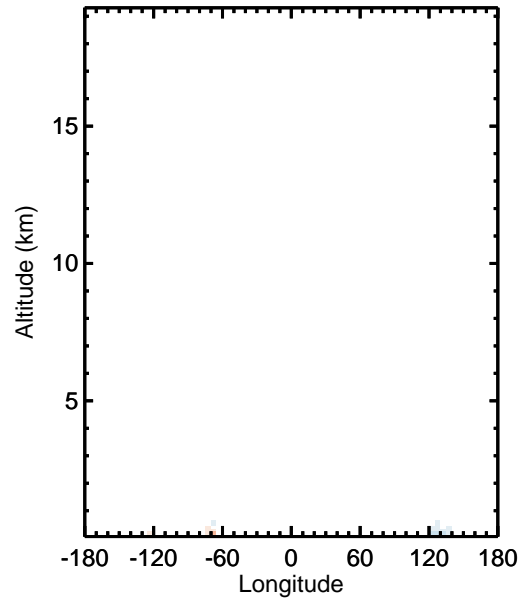
v11-01k-Run0 - v11-01g-Run0  
ALK4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ALK4 - Diff along 15S for Oct

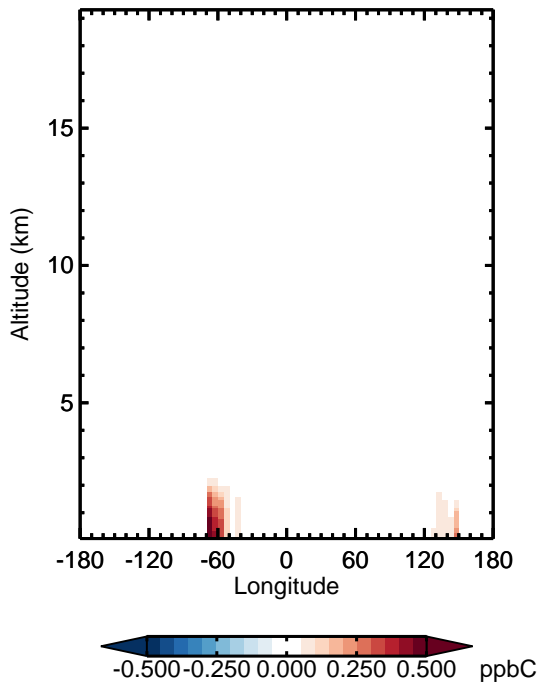


v11-01k-Run0 - v11-01f-geosfp-Run0  
ALK4 - Diff along 42N for Oct

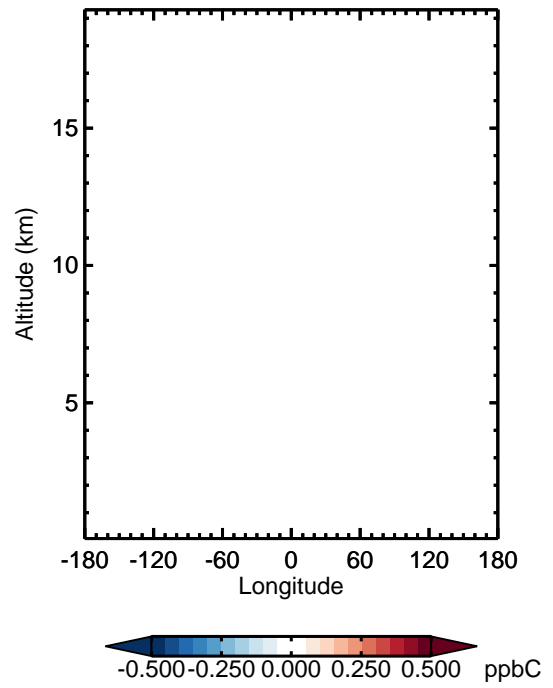


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

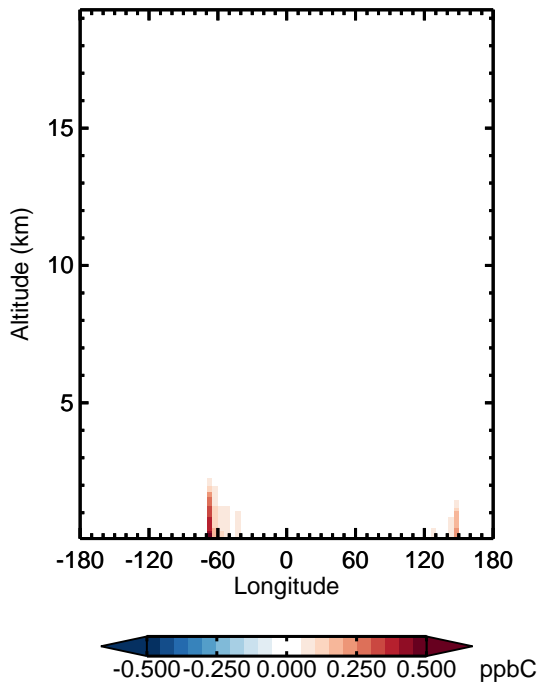
v11-01k-Run0 - v11-01g-Run0  
ISOP - Diff along 15S for Oct



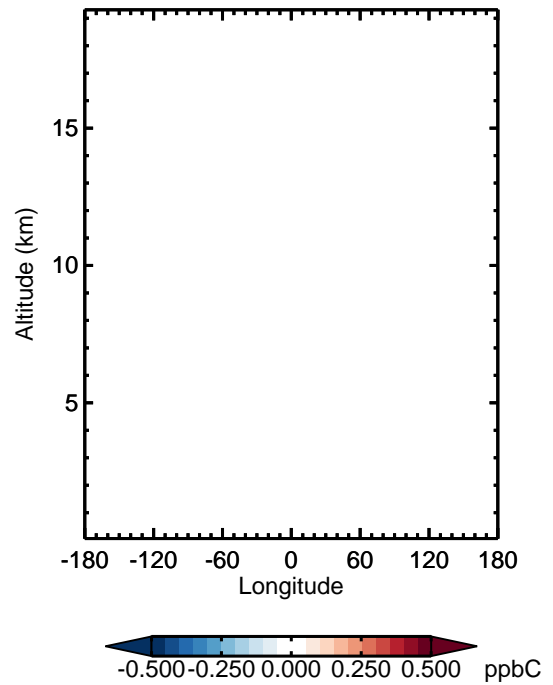
v11-01k-Run0 - v11-01g-Run0  
ISOP - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ISOP - Diff along 15S for Oct

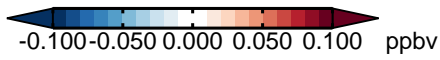
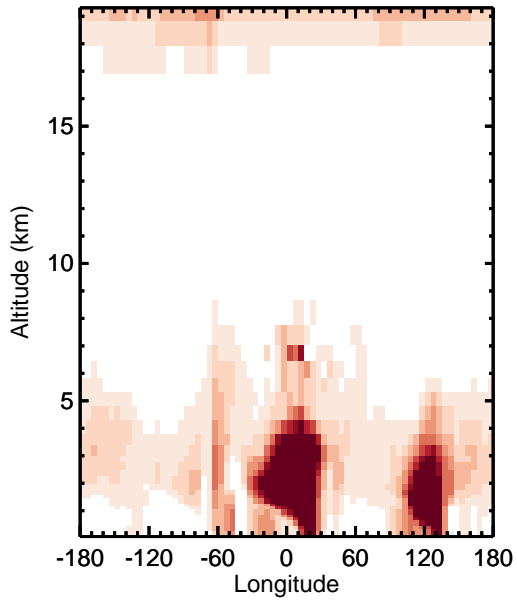


v11-01k-Run0 - v11-01f-geosfp-Run0  
ISOP - Diff along 42N for Oct

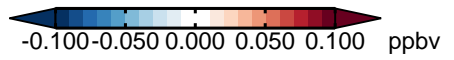
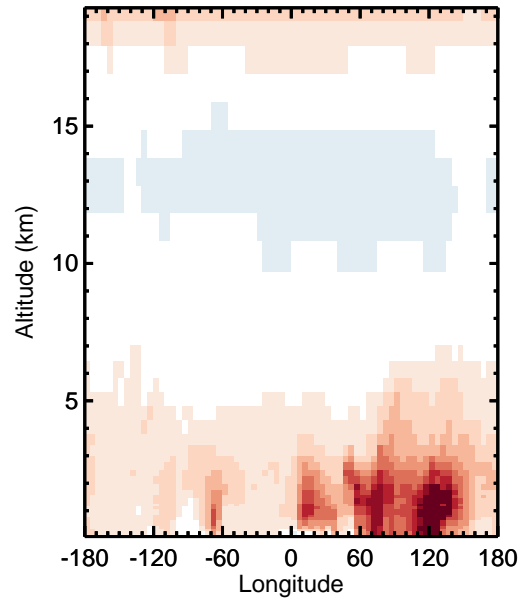


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

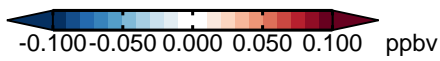
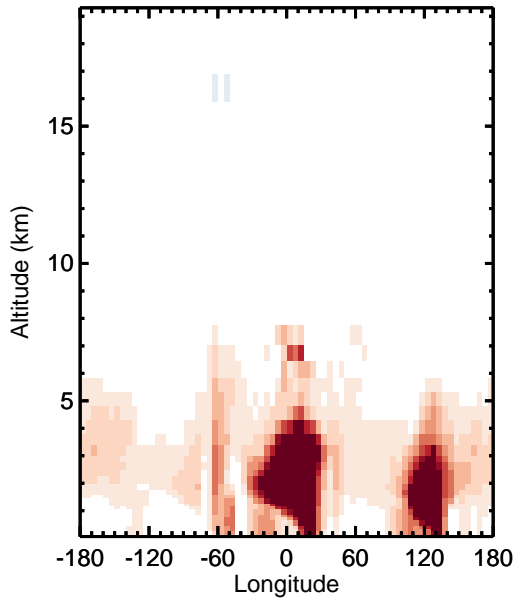
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>3</sub> - Diff along 15S for Oct



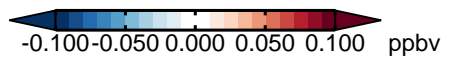
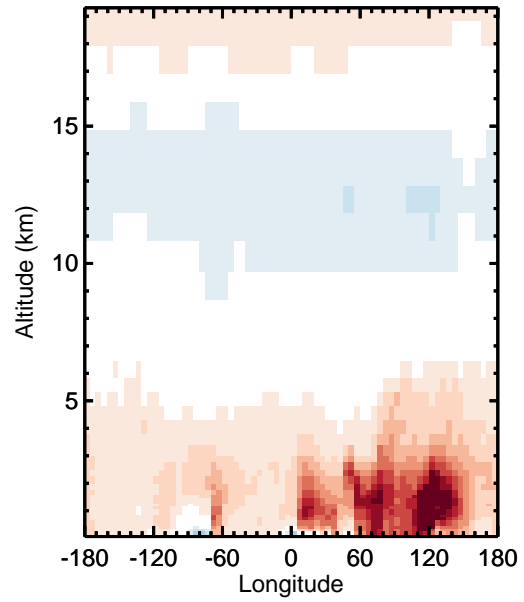
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>3</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>3</sub> - Diff along 15S for Oct

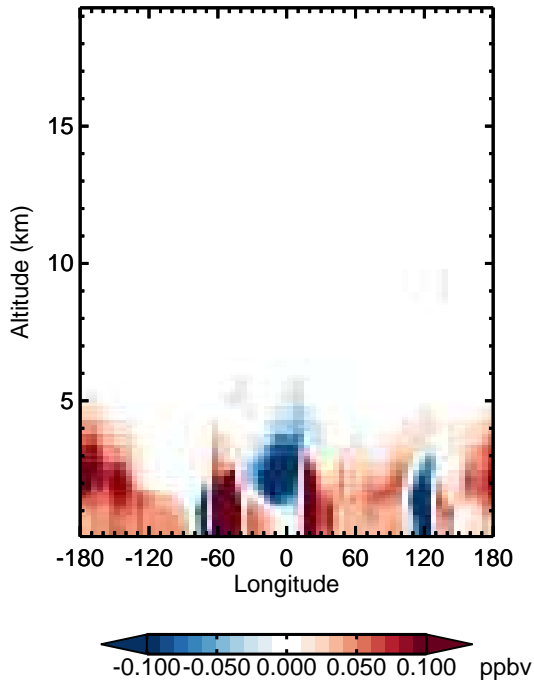


v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>3</sub> - Diff along 42N for Oct

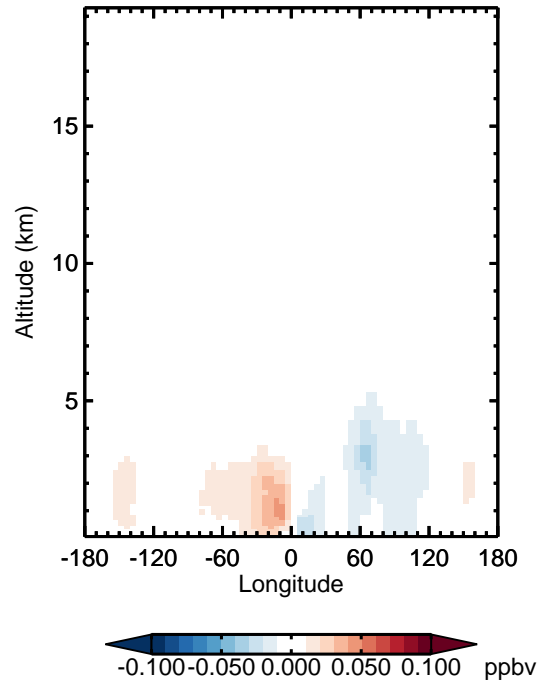


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

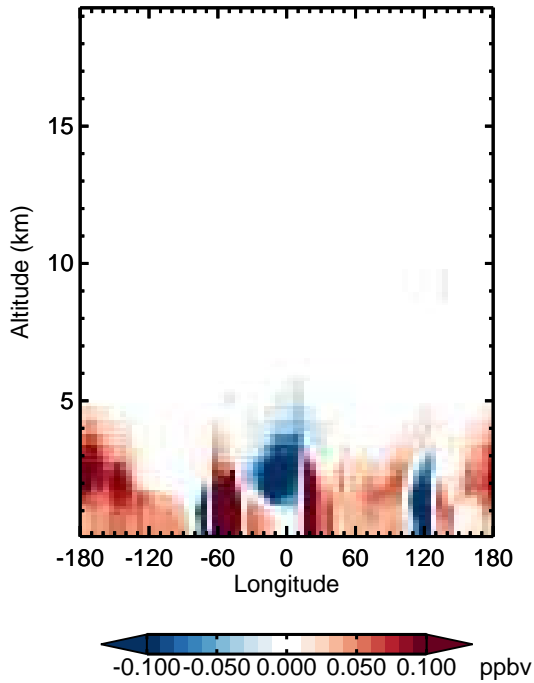
v11-01k-Run0 - v11-01g-Run0  
H2O2 - Diff along 15S for Oct



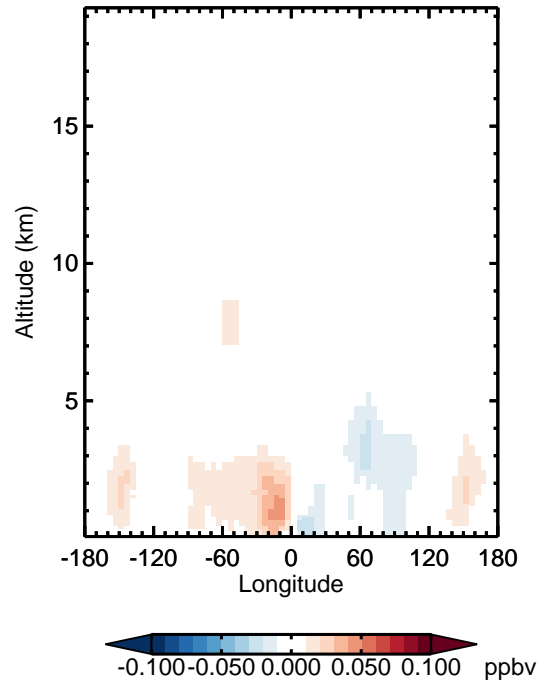
v11-01k-Run0 - v11-01g-Run0  
H2O2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
H2O2 - Diff along 15S for Oct



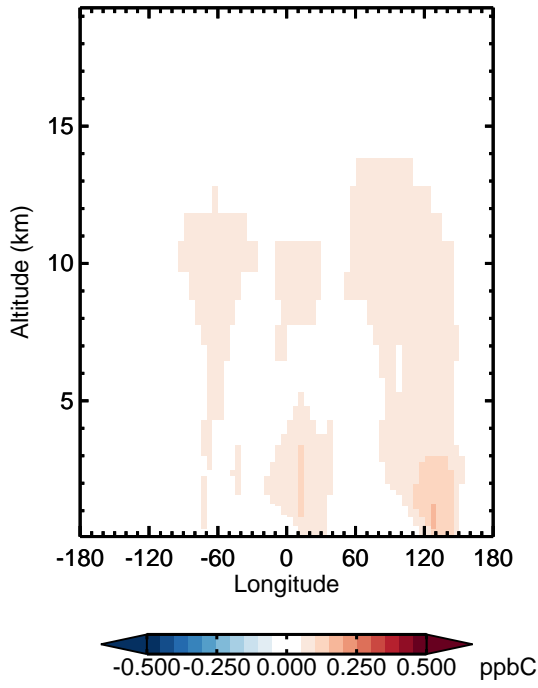
v11-01k-Run0 - v11-01f-geosfp-Run0  
H2O2 - Diff along 42N for Oct



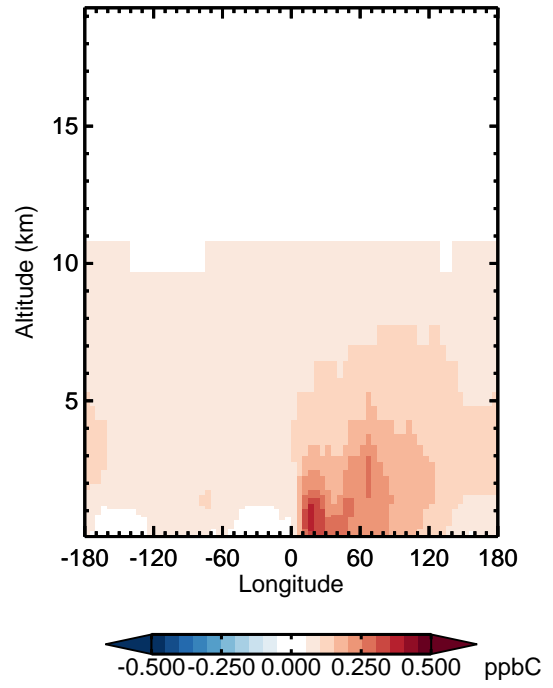


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

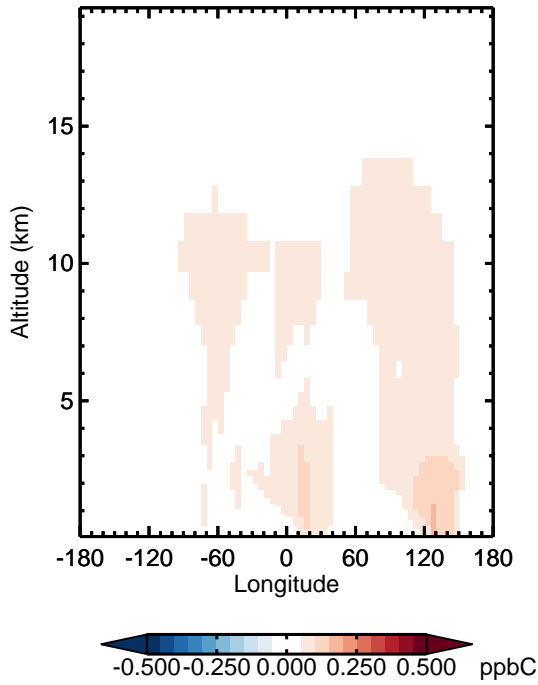
v11-01k-Run0 - v11-01g-Run0  
ACET - Diff along 15S for Oct



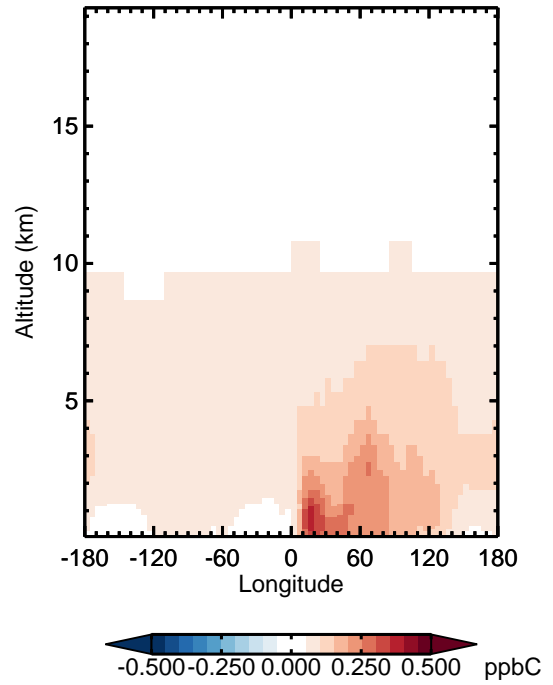
v11-01k-Run0 - v11-01g-Run0  
ACET - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ACET - Diff along 15S for Oct

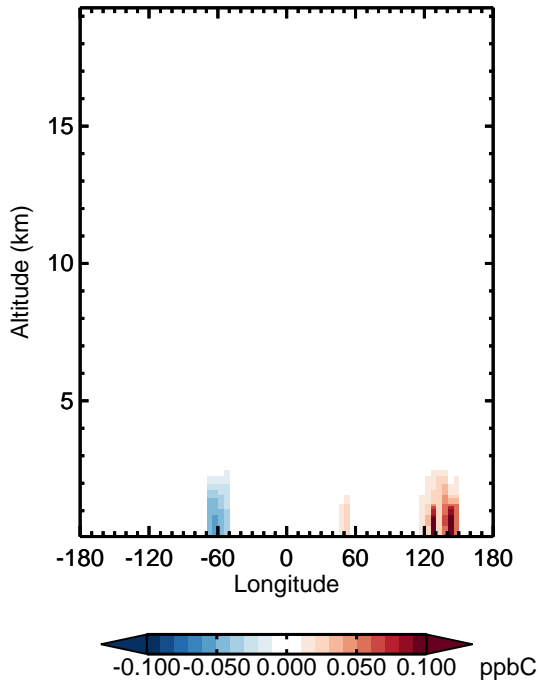


v11-01k-Run0 - v11-01f-geosfp-Run0  
ACET - Diff along 42N for Oct

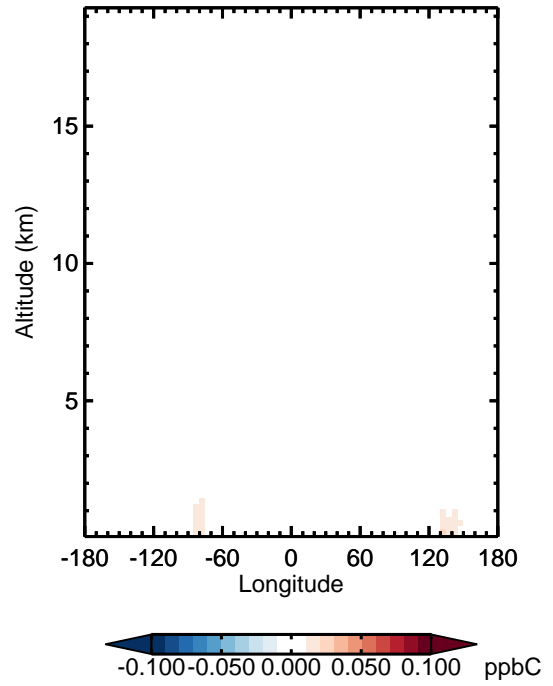


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

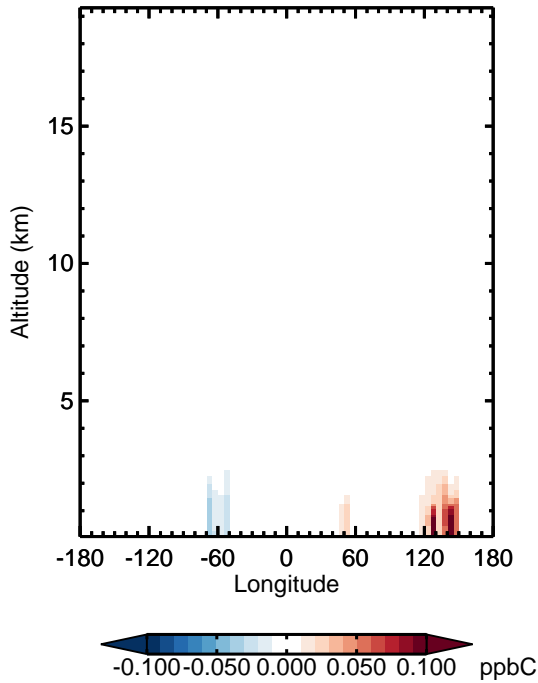
v11-01k-Run0 - v11-01g-Run0  
MEK - Diff along 15S for Oct



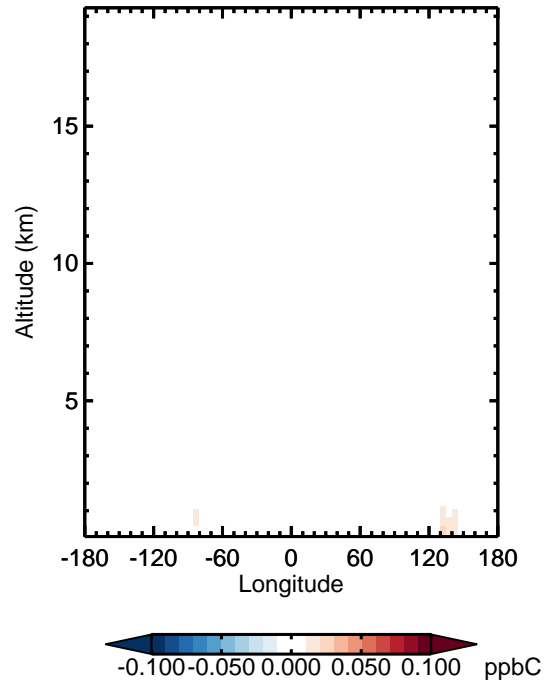
v11-01k-Run0 - v11-01g-Run0  
MEK - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MEK - Diff along 15S for Oct

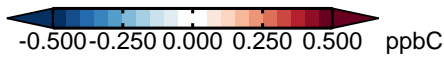
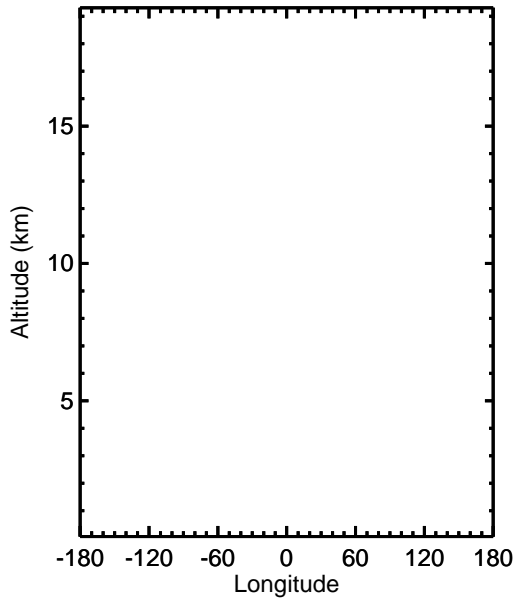


v11-01k-Run0 - v11-01f-geosfp-Run0  
MEK - Diff along 42N for Oct

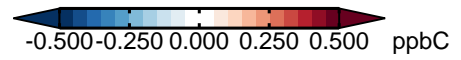
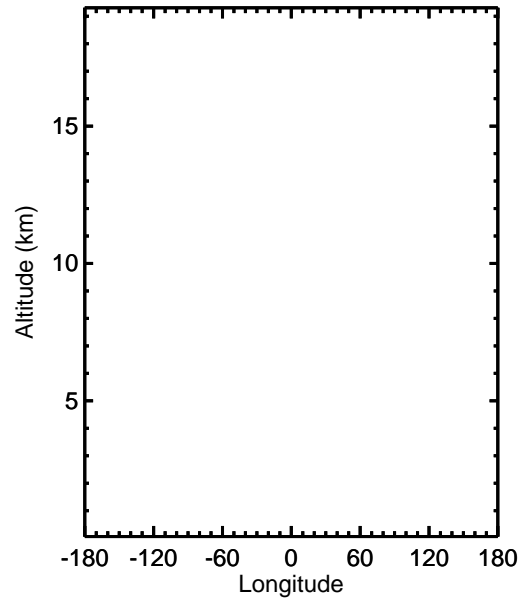


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

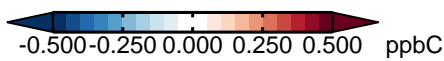
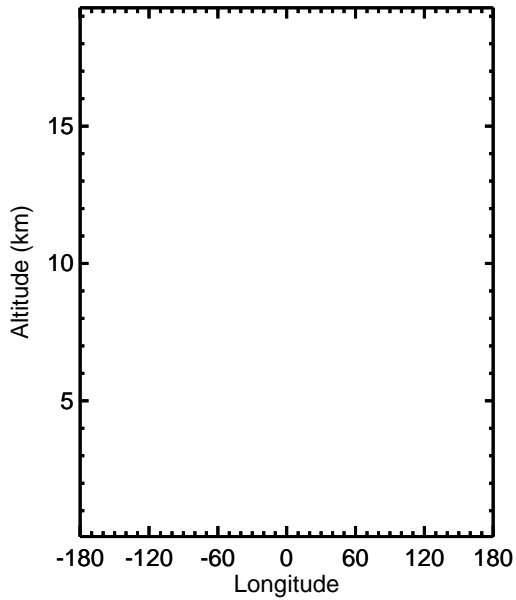
v11-01k-Run0 - v11-01g-Run0  
ALD2 - Diff along 15S for Oct



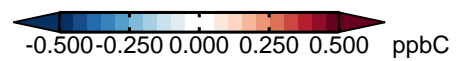
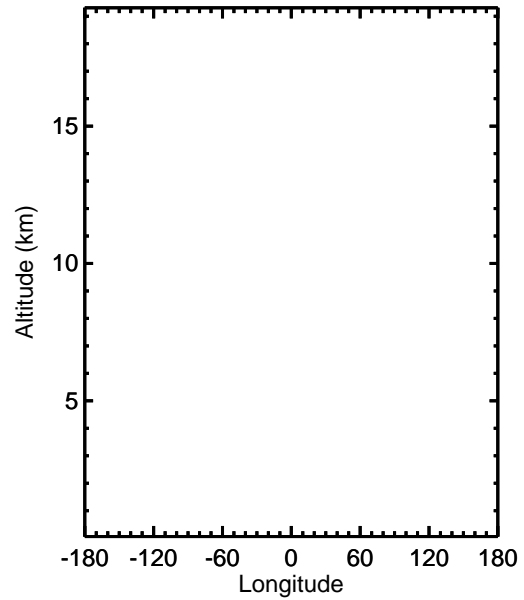
v11-01k-Run0 - v11-01g-Run0  
ALD2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ALD2 - Diff along 15S for Oct

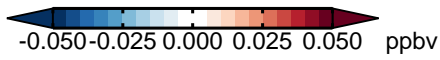
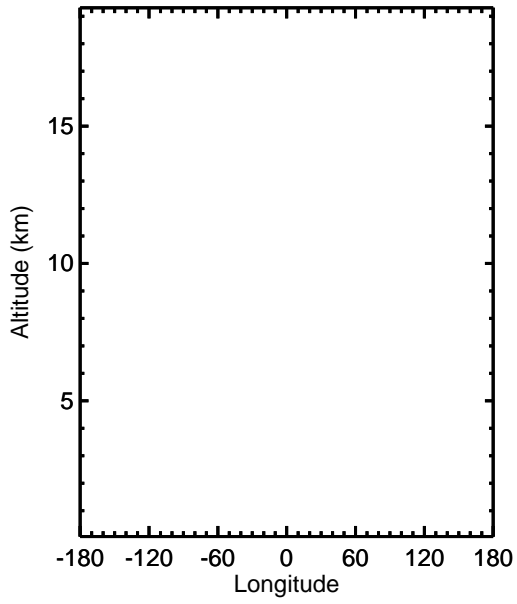


v11-01k-Run0 - v11-01f-geosfp-Run0  
ALD2 - Diff along 42N for Oct

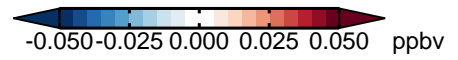
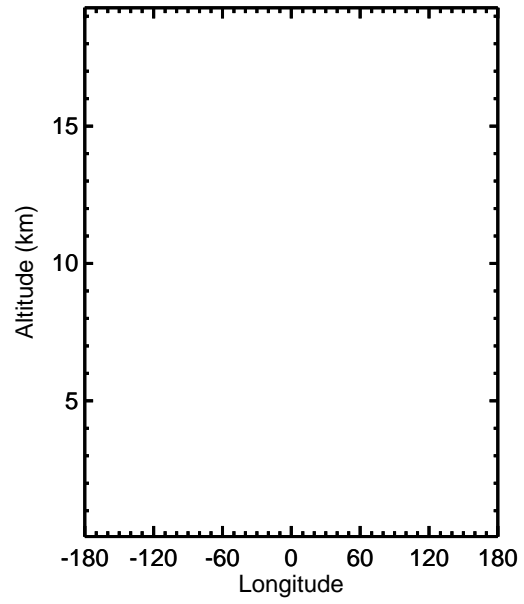


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

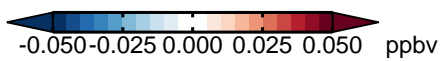
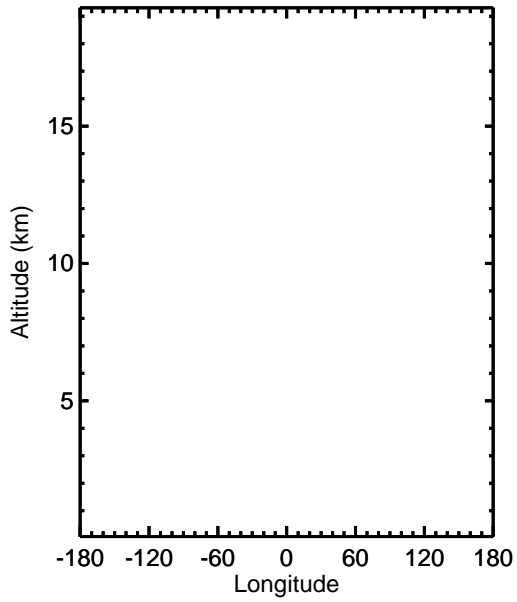
v11-01k-Run0 - v11-01g-Run0  
RCHO - Diff along 15S for Oct



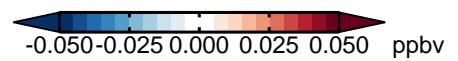
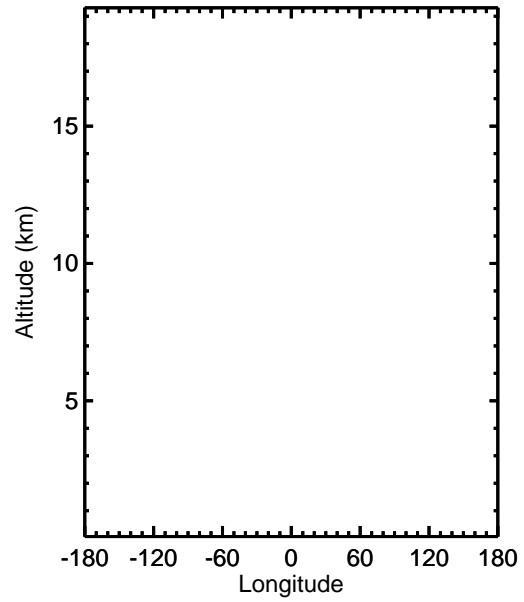
v11-01k-Run0 - v11-01g-Run0  
RCHO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
RCHO - Diff along 15S for Oct

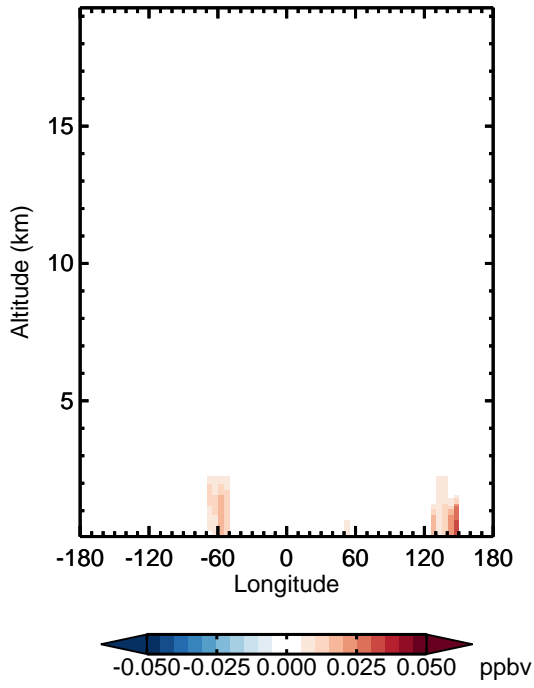


v11-01k-Run0 - v11-01f-geosfp-Run0  
RCHO - Diff along 42N for Oct

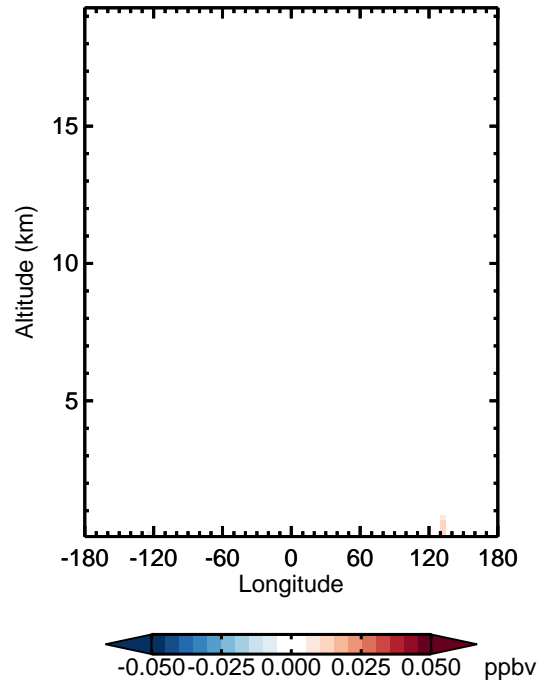


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

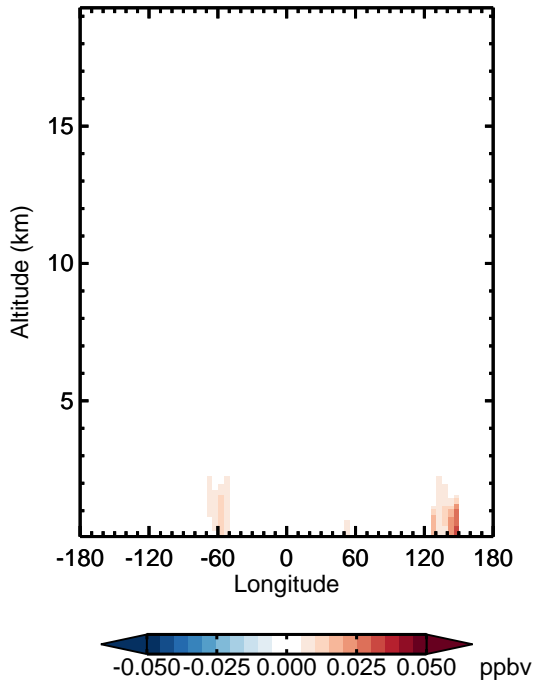
v11-01k-Run0 - v11-01g-Run0  
MVK - Diff along 15S for Oct



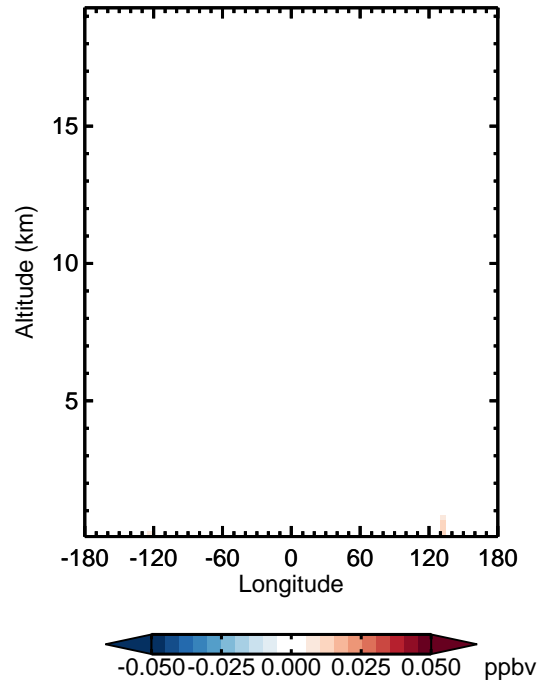
v11-01k-Run0 - v11-01g-Run0  
MVK - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MVK - Diff along 15S for Oct

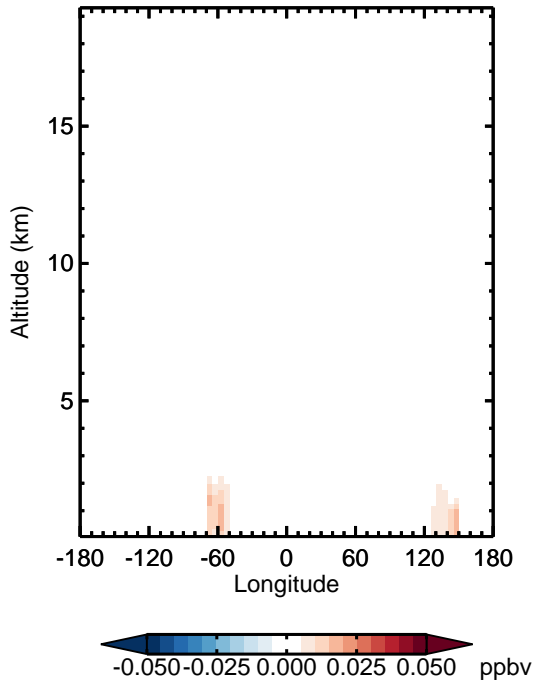


v11-01k-Run0 - v11-01f-geosfp-Run0  
MVK - Diff along 42N for Oct

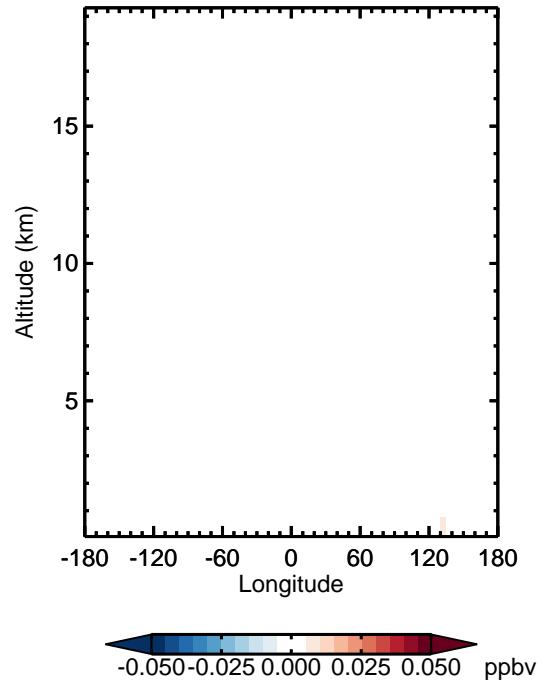


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

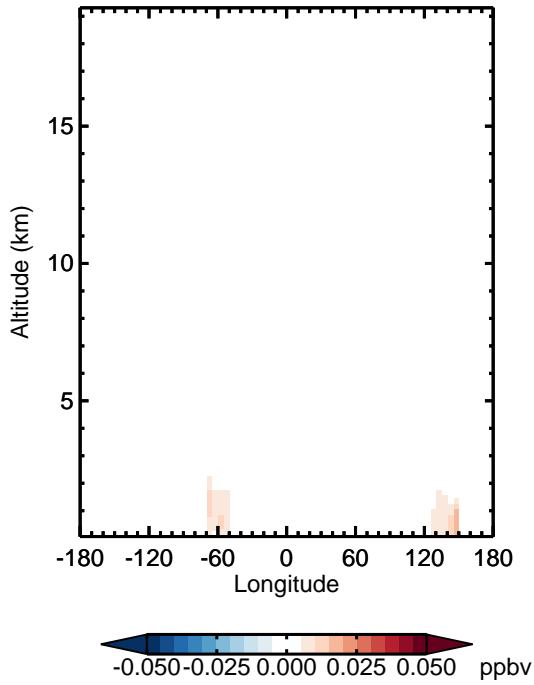
v11-01k-Run0 - v11-01g-Run0  
MACR - Diff along 15S for Oct



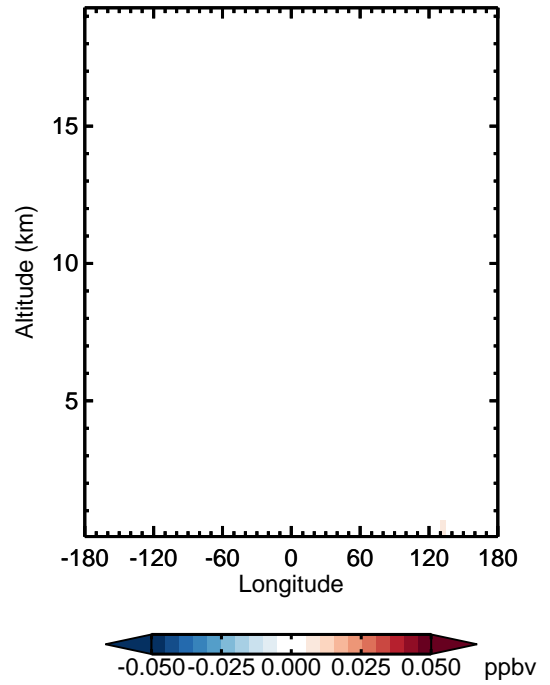
v11-01k-Run0 - v11-01g-Run0  
MACR - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MACR - Diff along 15S for Oct

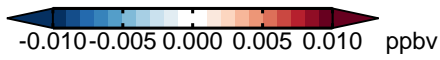
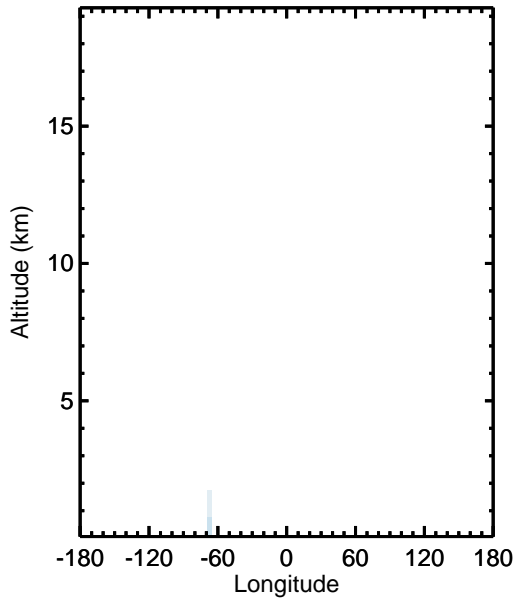


v11-01k-Run0 - v11-01f-geosfp-Run0  
MACR - Diff along 42N for Oct

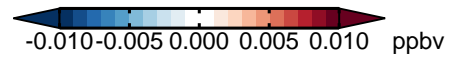
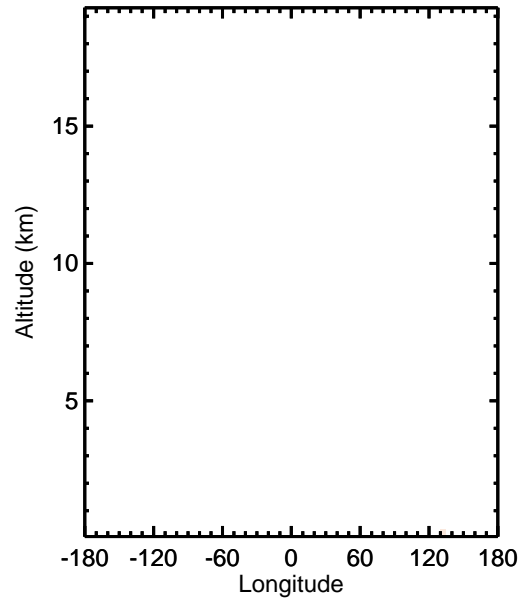


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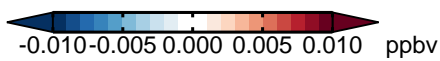
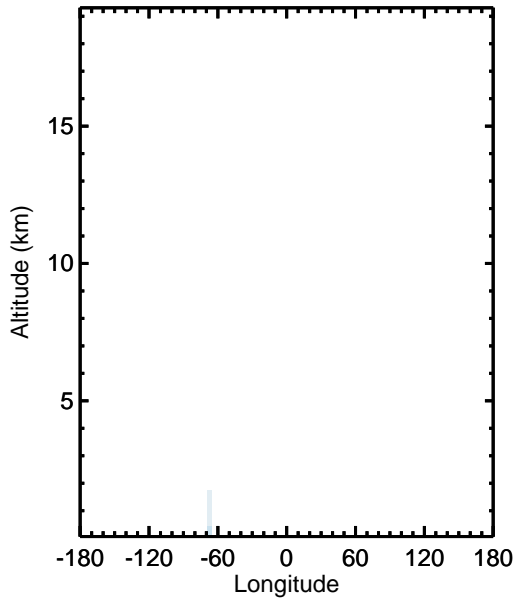
v11-01k-Run0 - v11-01g-Run0  
PMN - Diff along 15S for Oct



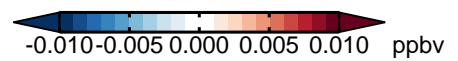
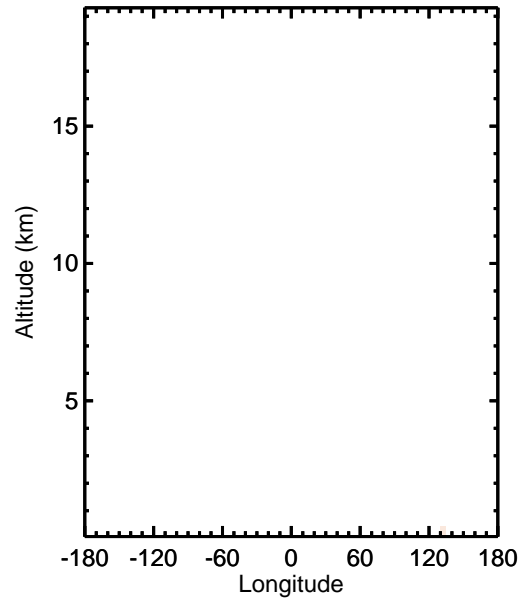
v11-01k-Run0 - v11-01g-Run0  
PMN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
PMN - Diff along 15S for Oct

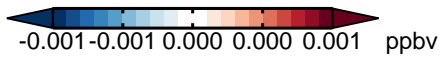
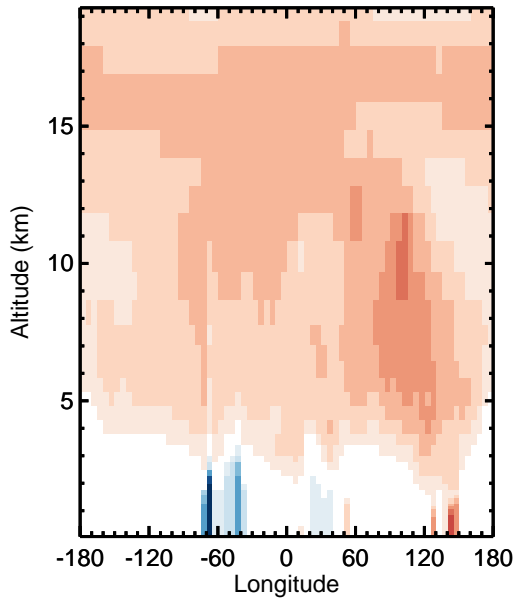


v11-01k-Run0 - v11-01f-geosfp-Run0  
PMN - Diff along 42N for Oct

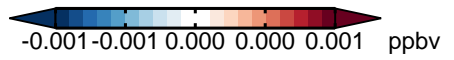
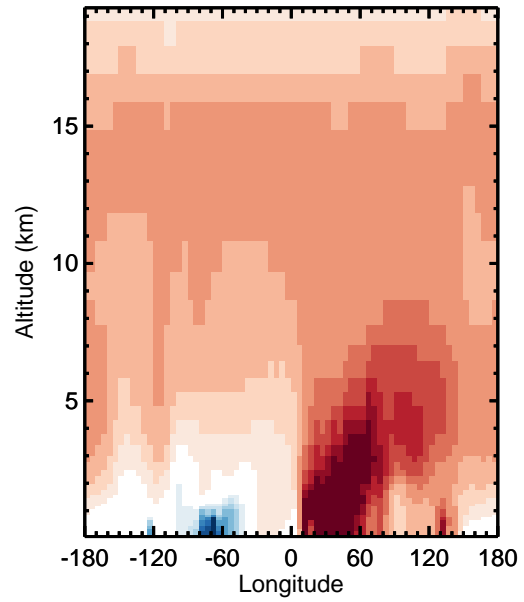


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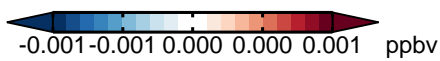
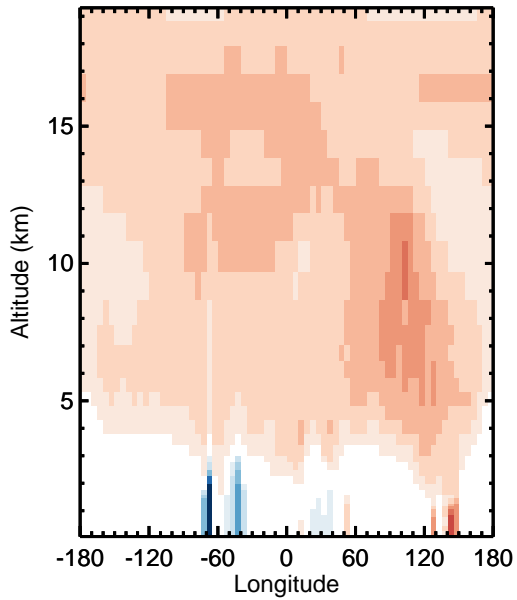
v11-01k-Run0 - v11-01g-Run0  
PPN - Diff along 15S for Oct



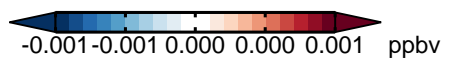
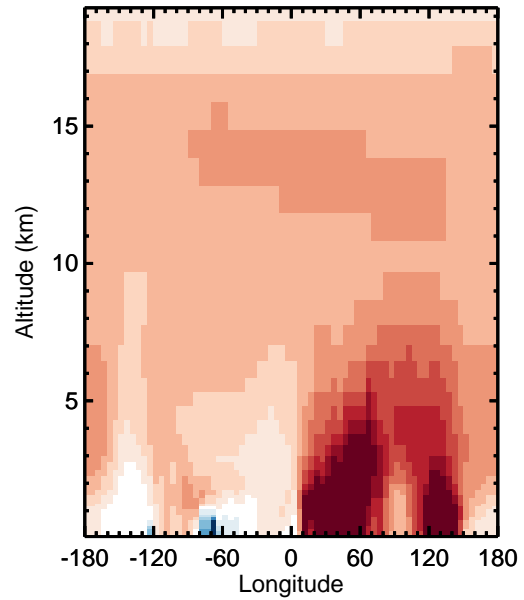
v11-01k-Run0 - v11-01g-Run0  
PPN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
PPN - Diff along 15S for Oct



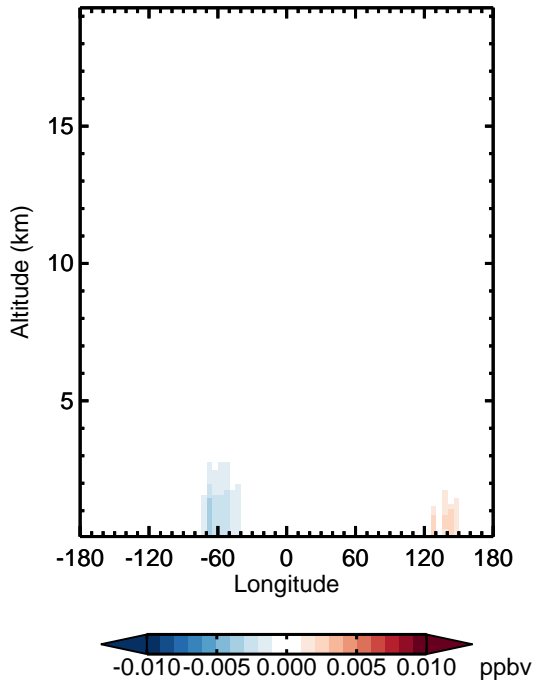
v11-01k-Run0 - v11-01f-geosfp-Run0  
PPN - Diff along 42N for Oct



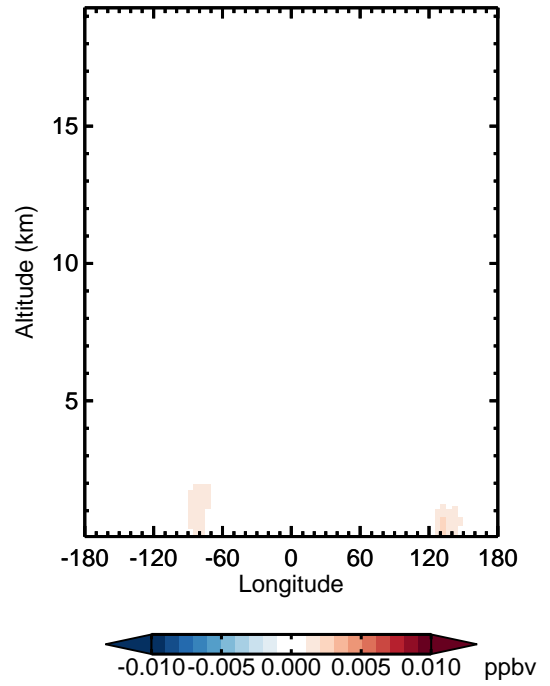


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

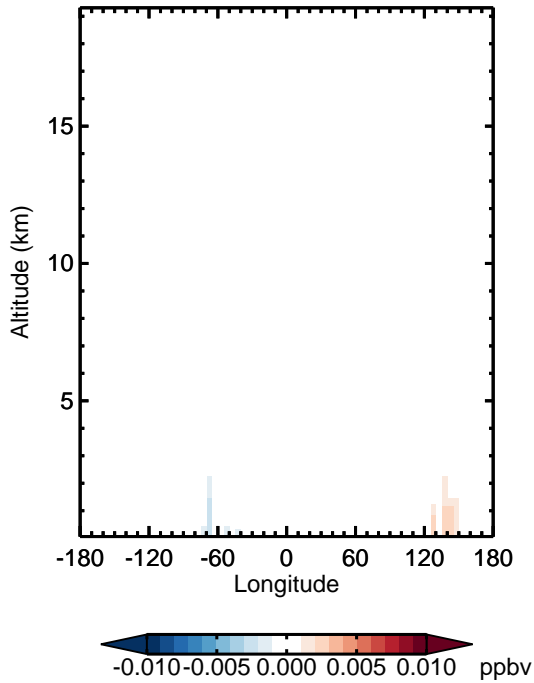
v11-01k-Run0 - v11-01g-Run0  
R4N2 - Diff along 15S for Oct



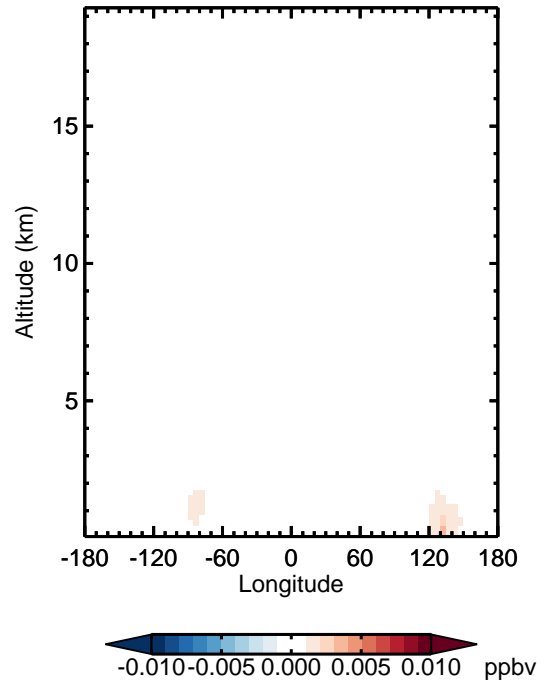
v11-01k-Run0 - v11-01g-Run0  
R4N2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
R4N2 - Diff along 15S for Oct

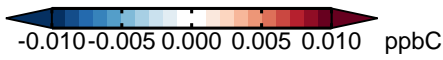
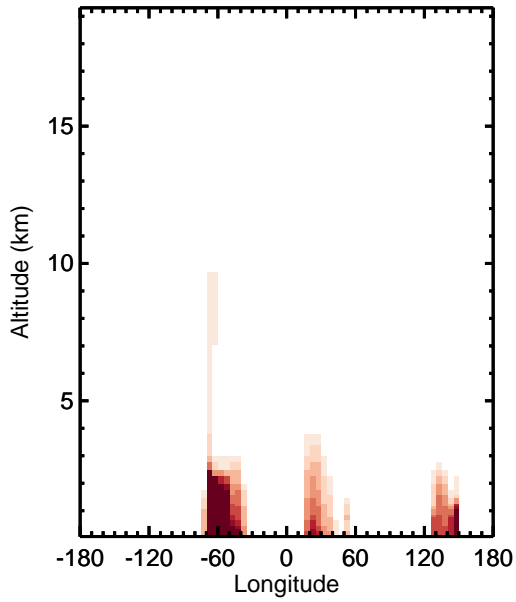


v11-01k-Run0 - v11-01f-geosfp-Run0  
R4N2 - Diff along 42N for Oct

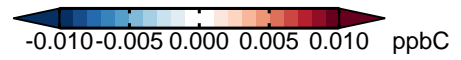
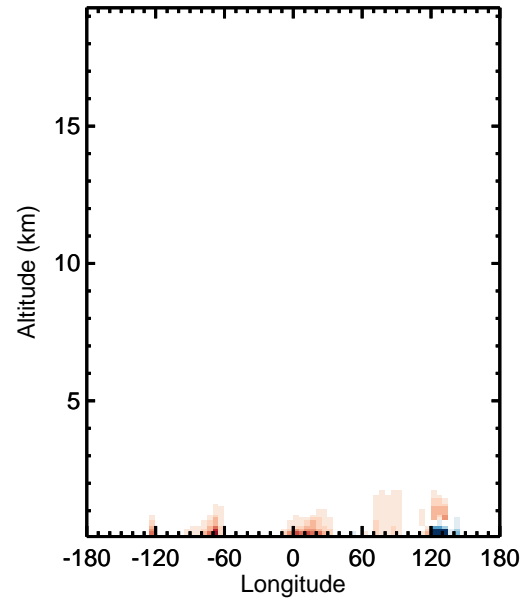


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

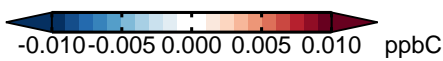
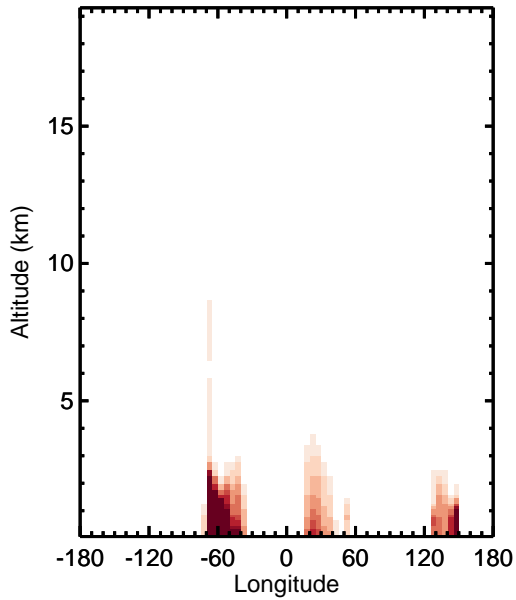
v11-01k-Run0 - v11-01g-Run0  
PRPE - Diff along 15S for Oct



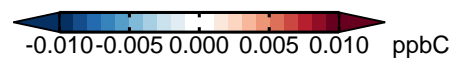
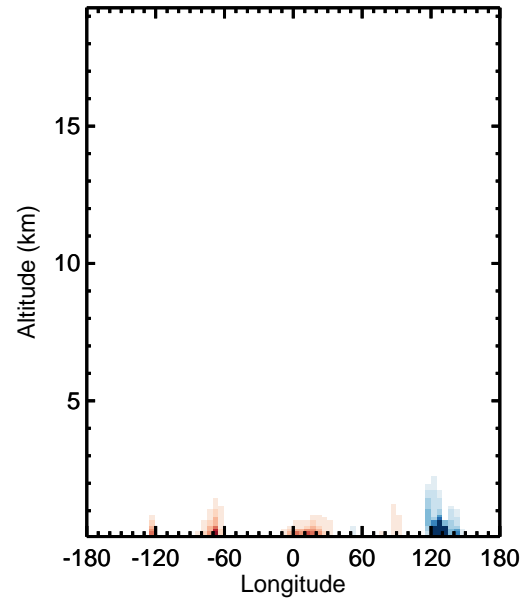
v11-01k-Run0 - v11-01g-Run0  
PRPE - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
PRPE - Diff along 15S for Oct

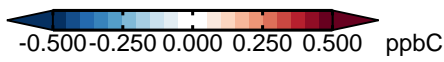
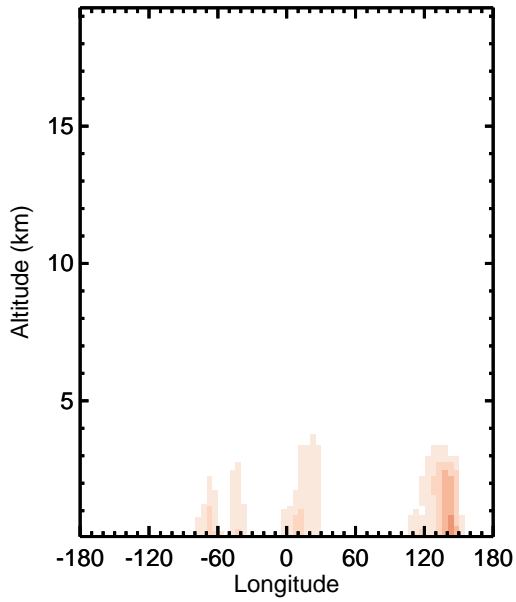


v11-01k-Run0 - v11-01f-geosfp-Run0  
PRPE - Diff along 42N for Oct

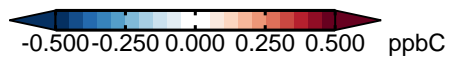
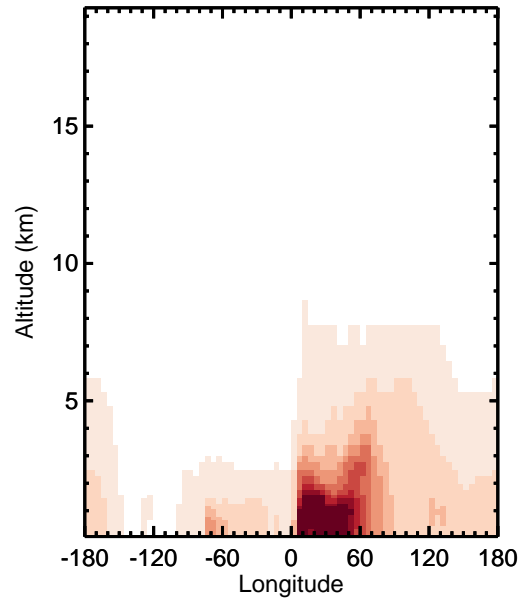


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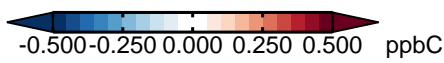
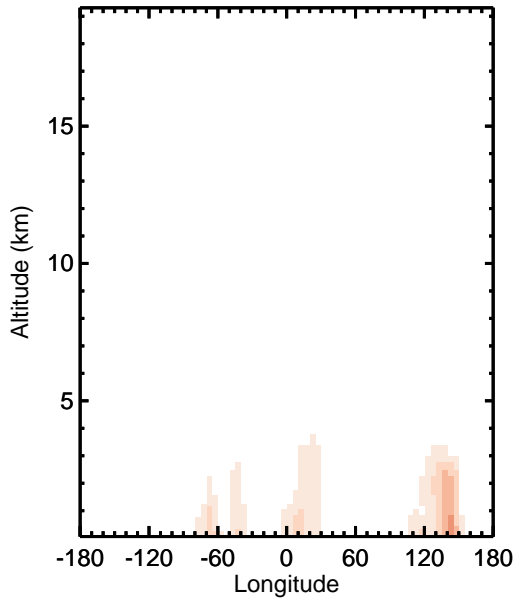
v11-01k-Run0 - v11-01g-Run0  
C3H8 - Diff along 15S for Oct



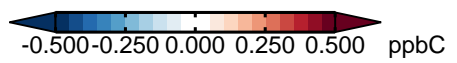
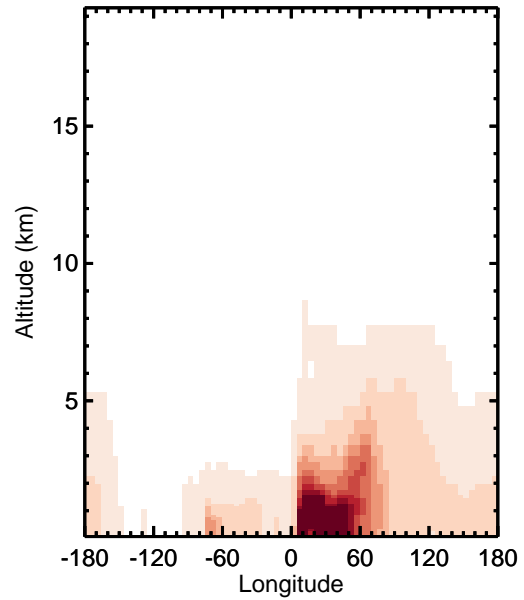
v11-01k-Run0 - v11-01g-Run0  
C3H8 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
C3H8 - Diff along 15S for Oct

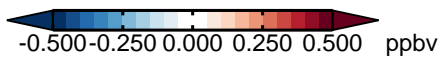
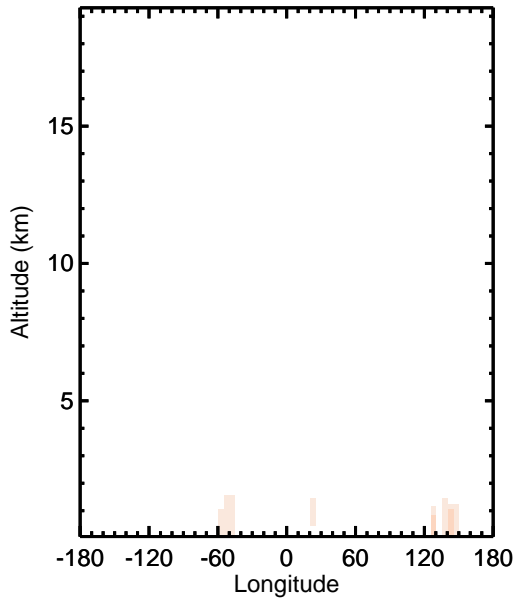


v11-01k-Run0 - v11-01f-geosfp-Run0  
C3H8 - Diff along 42N for Oct

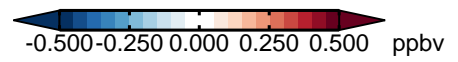
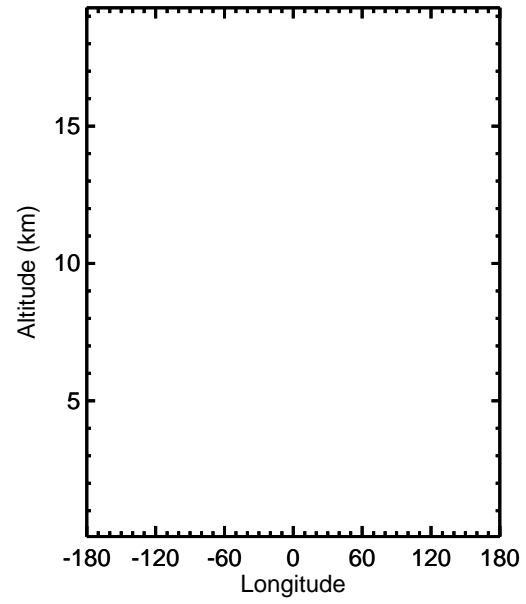


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

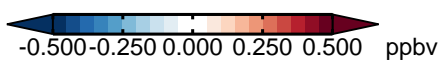
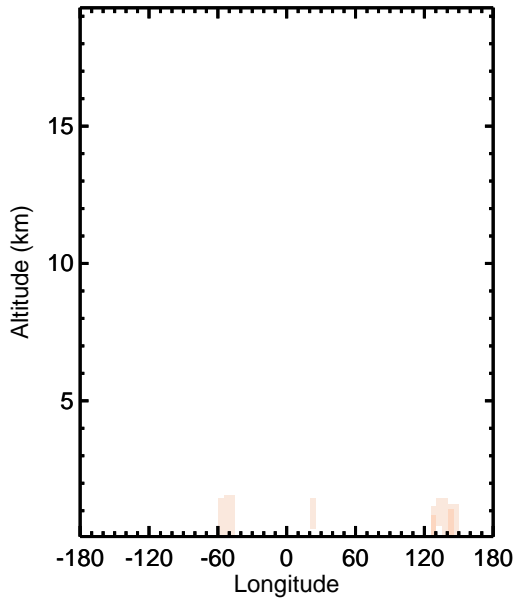
v11-01k-Run0 - v11-01g-Run0  
CH<sub>2</sub>O - Diff along 15S for Oct



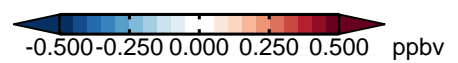
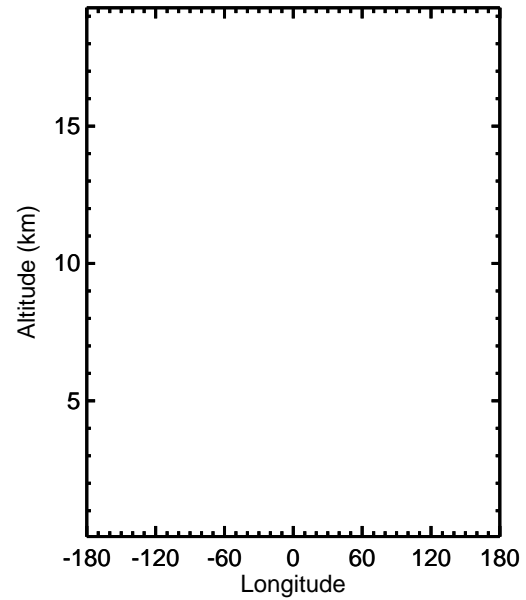
v11-01k-Run0 - v11-01g-Run0  
CH<sub>2</sub>O - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>O - Diff along 15S for Oct

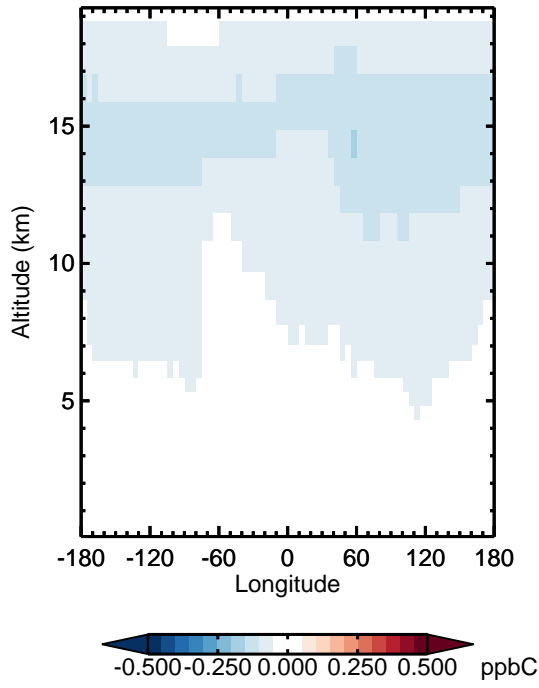


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>O - Diff along 42N for Oct

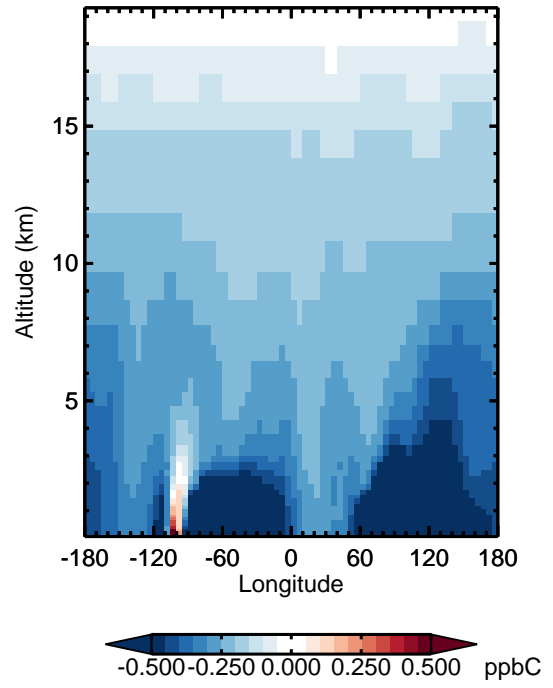


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

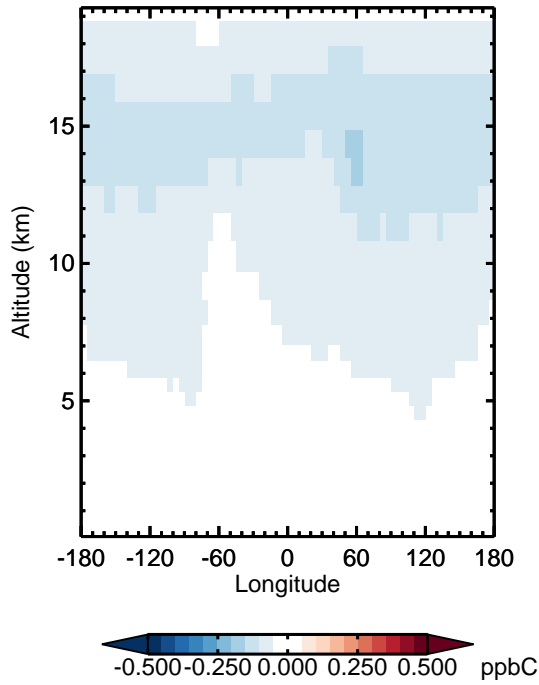
v11-01k-Run0 - v11-01g-Run0  
C2H6 - Diff along 15S for Oct



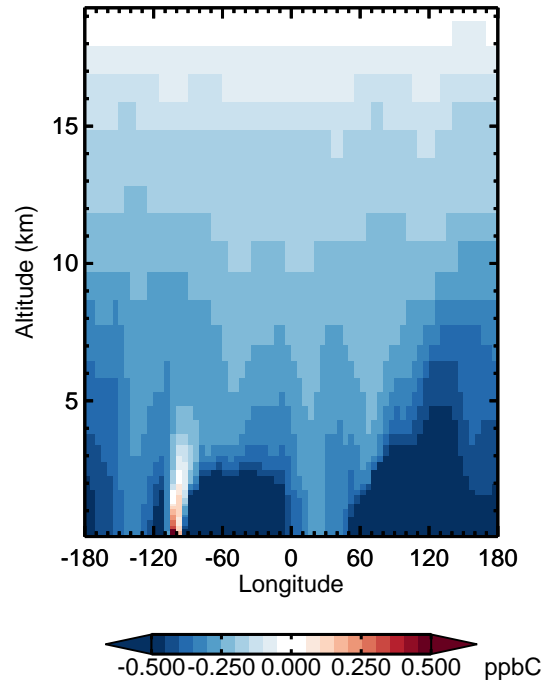
v11-01k-Run0 - v11-01g-Run0  
C2H6 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
C2H6 - Diff along 15S for Oct

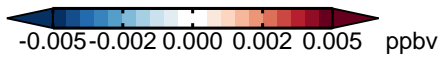
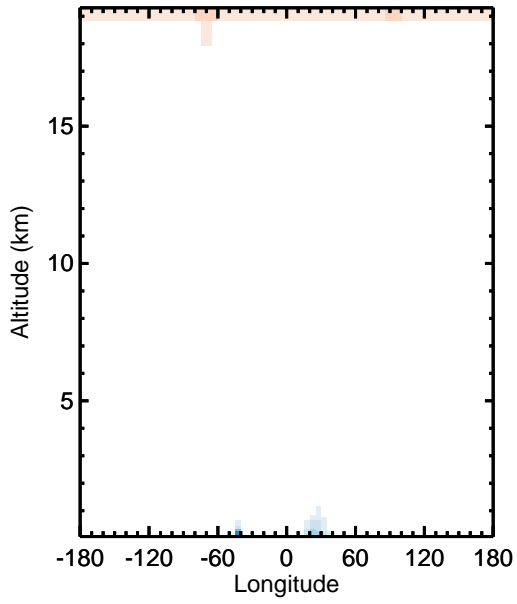


v11-01k-Run0 - v11-01f-geosfp-Run0  
C2H6 - Diff along 42N for Oct

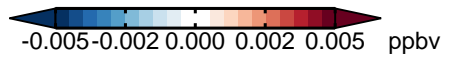
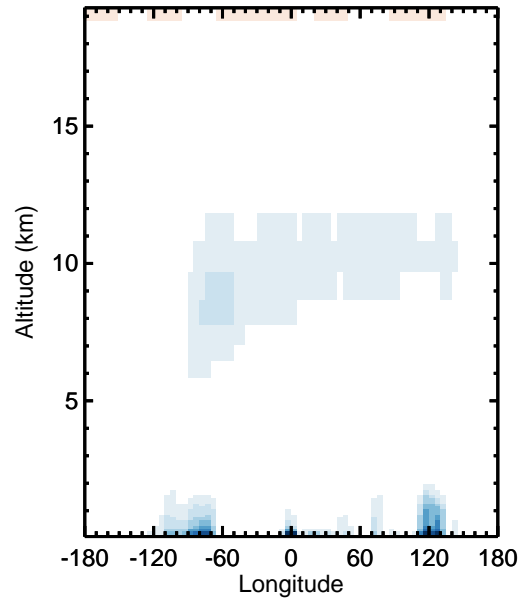


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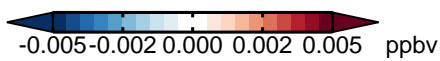
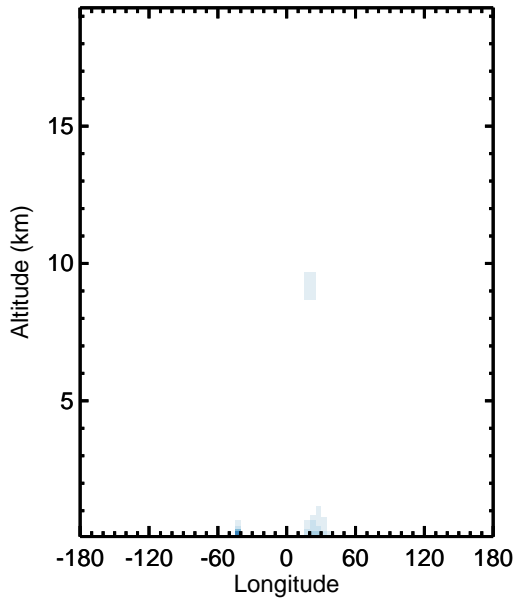
v11-01k-Run0 - v11-01g-Run0  
N2O5 - Diff along 15S for Oct



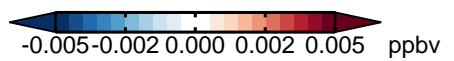
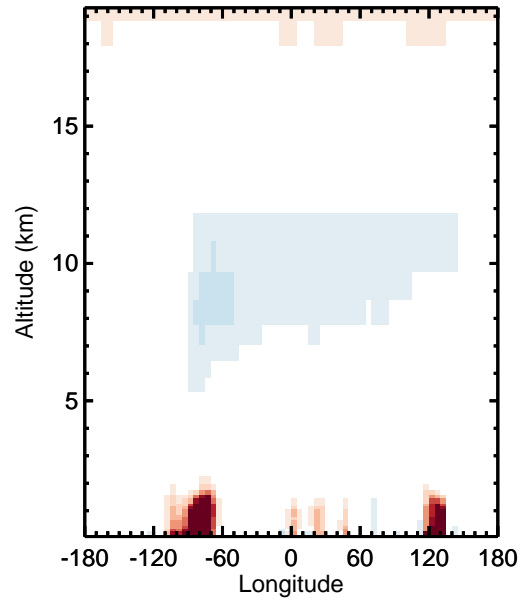
v11-01k-Run0 - v11-01g-Run0  
N2O5 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
N2O5 - Diff along 15S for Oct

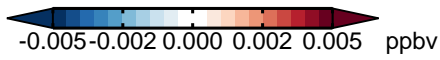
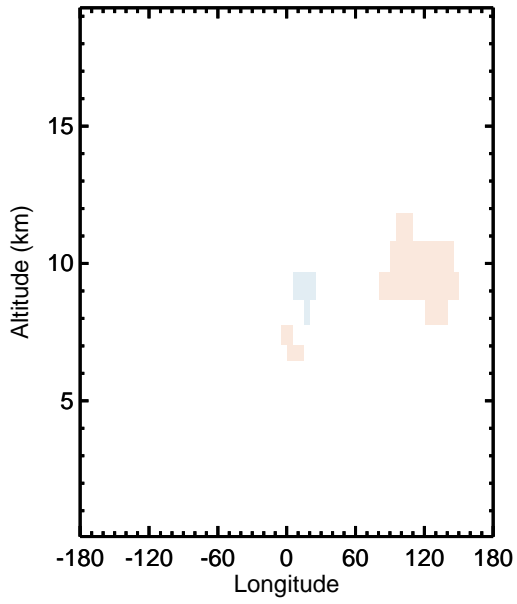


v11-01k-Run0 - v11-01f-geosfp-Run0  
N2O5 - Diff along 42N for Oct

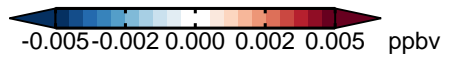
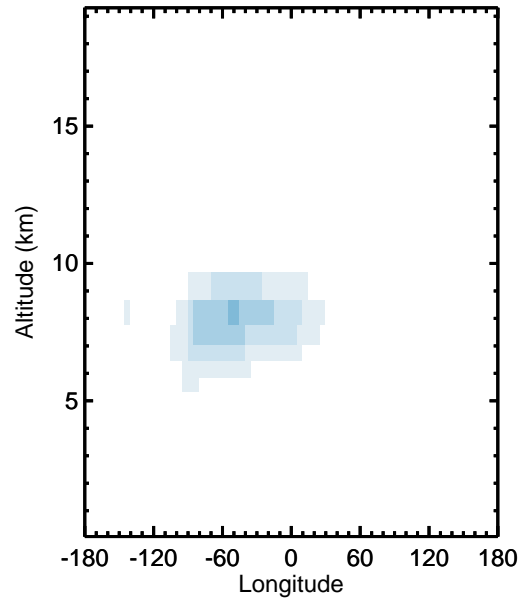


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

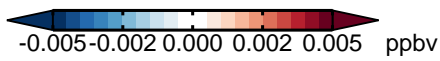
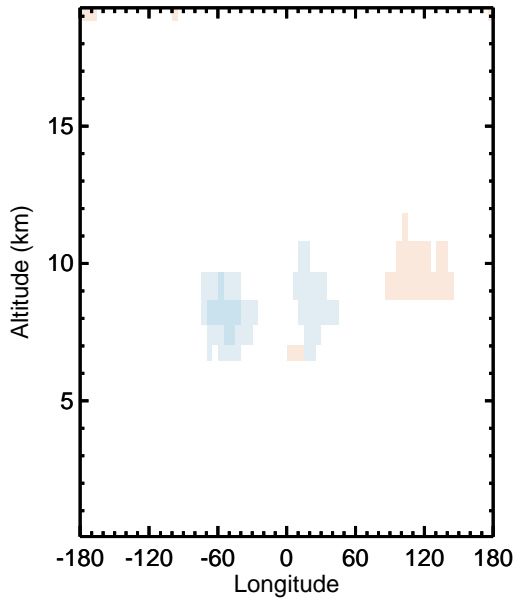
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>4</sub> - Diff along 15S for Oct



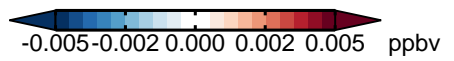
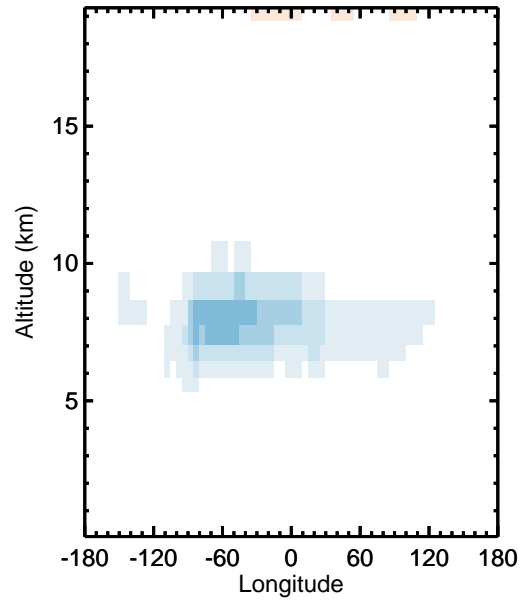
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>4</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>4</sub> - Diff along 15S for Oct

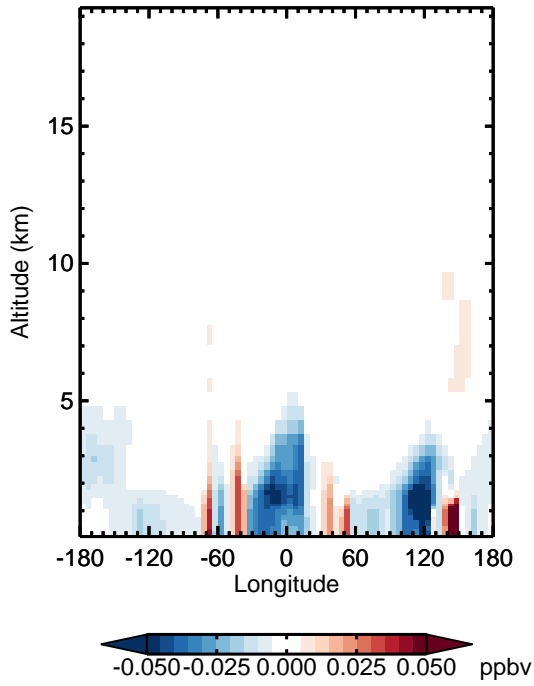


v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>4</sub> - Diff along 42N for Oct

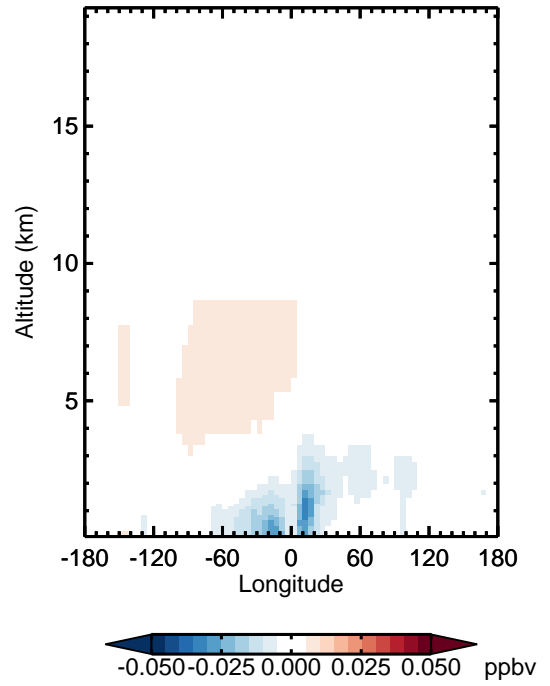


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

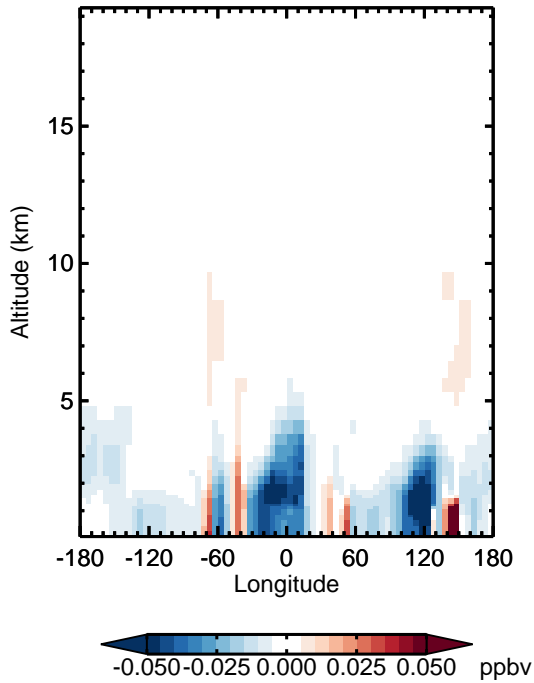
v11-01k-Run0 - v11-01g-Run0  
MP - Diff along 15S for Oct



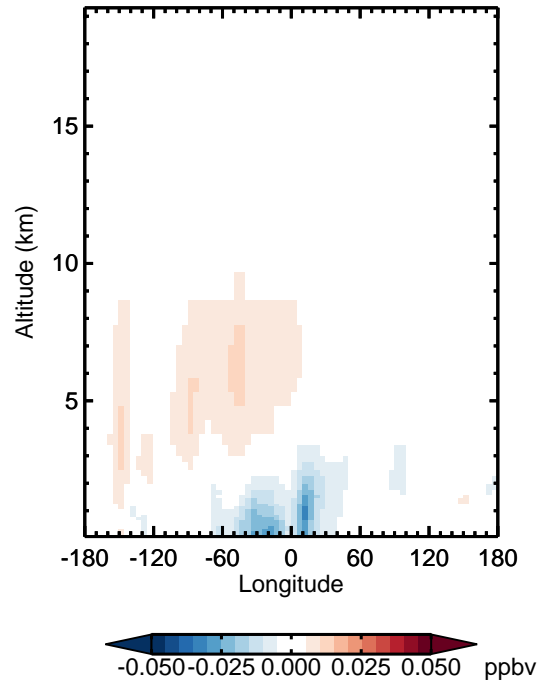
v11-01k-Run0 - v11-01g-Run0  
MP - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MP - Diff along 15S for Oct



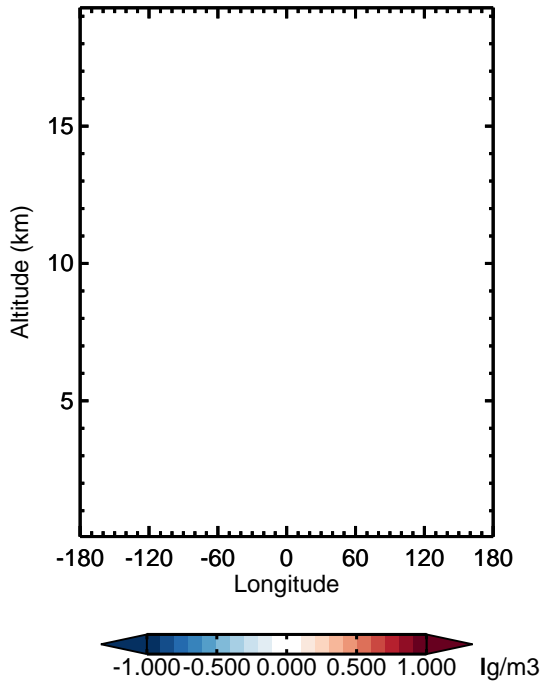
v11-01k-Run0 - v11-01f-geosfp-Run0  
MP - Diff along 42N for Oct



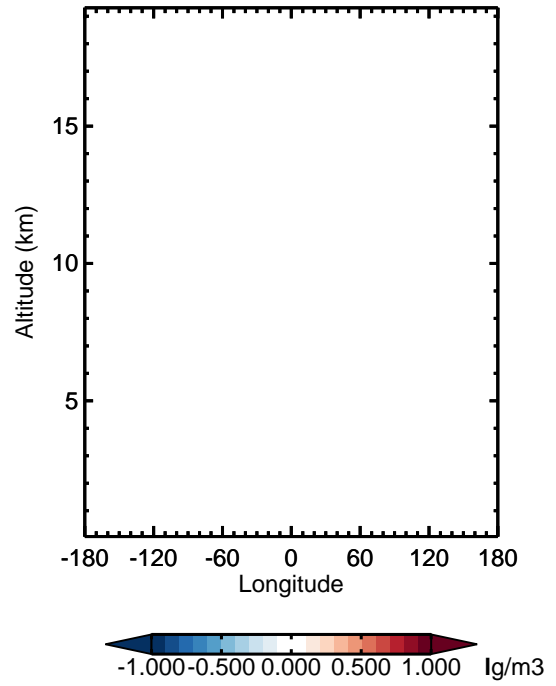


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

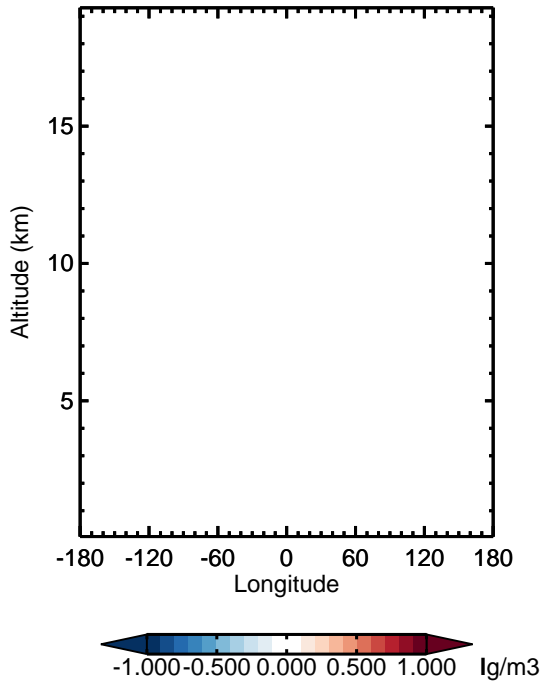
v11-01k-Run0 - v11-01g-Run0  
DMS - Diff along 15S for Oct



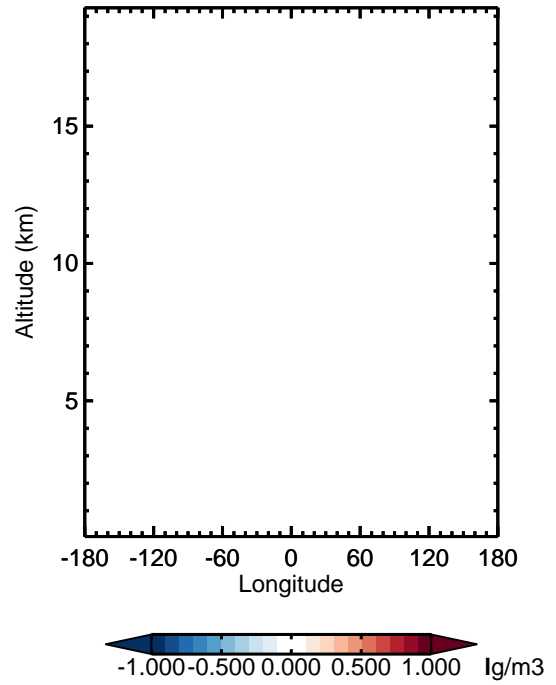
v11-01k-Run0 - v11-01g-Run0  
DMS - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
DMS - Diff along 15S for Oct

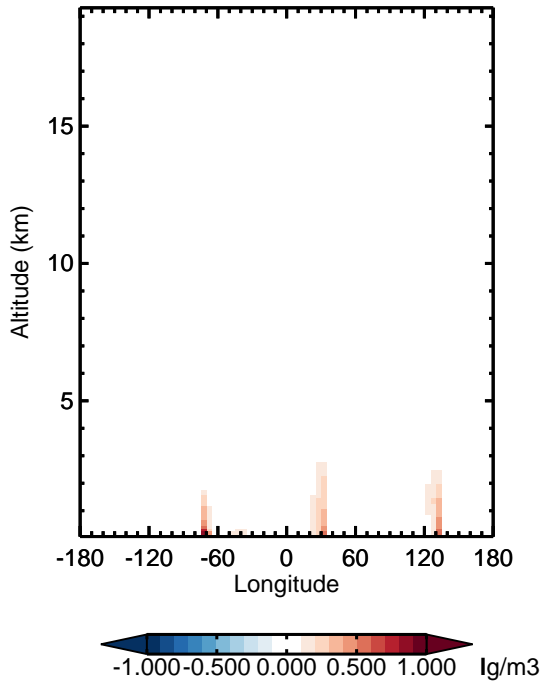


v11-01k-Run0 - v11-01f-geosfp-Run0  
DMS - Diff along 42N for Oct

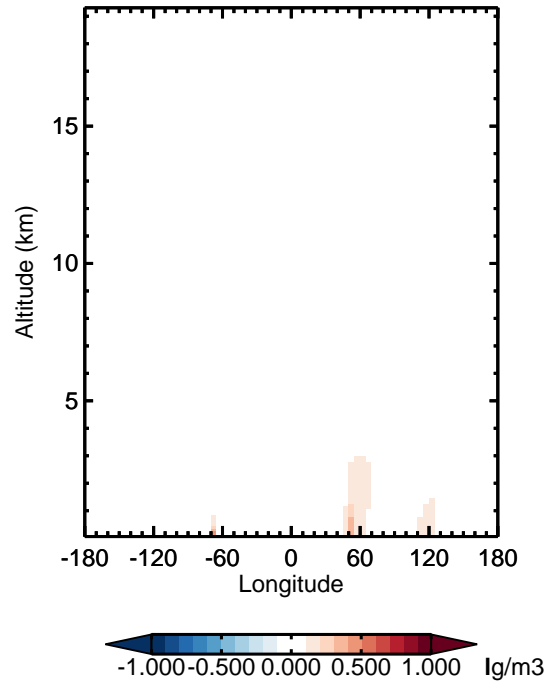


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

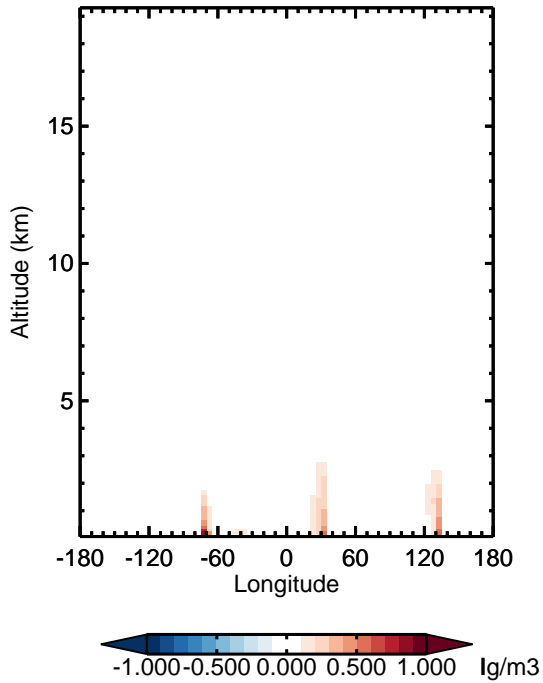
v11-01k-Run0 - v11-01g-Run0  
SO<sub>2</sub> - Diff along 15S for Oct



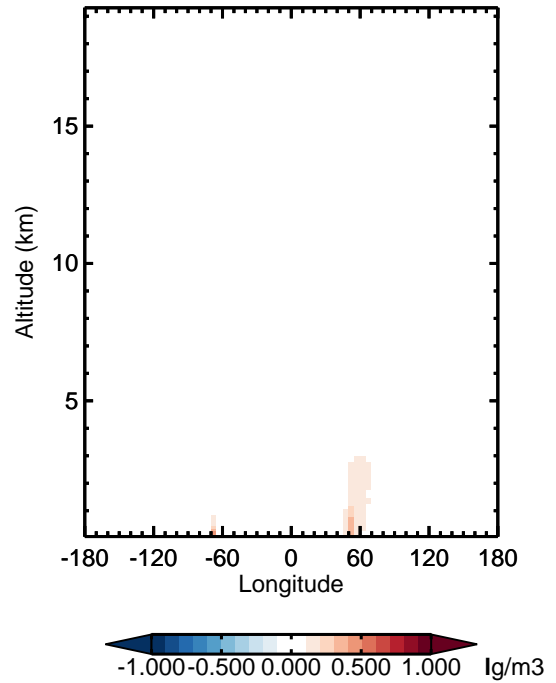
v11-01k-Run0 - v11-01g-Run0  
SO<sub>2</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
SO<sub>2</sub> - Diff along 15S for Oct

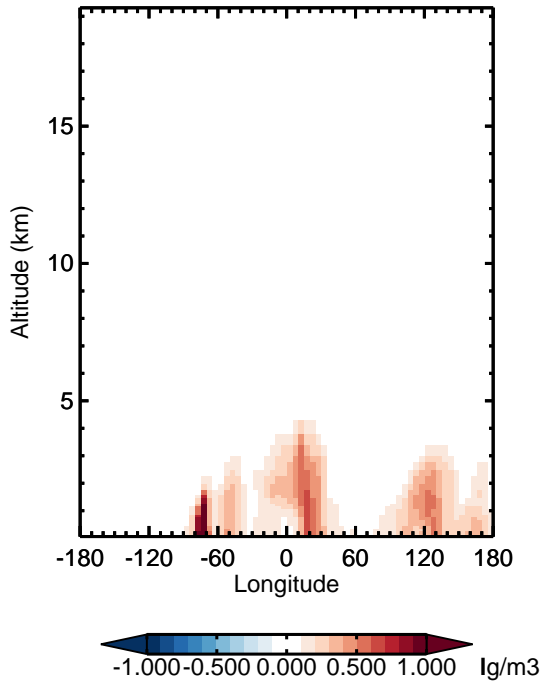


v11-01k-Run0 - v11-01f-geosfp-Run0  
SO<sub>2</sub> - Diff along 42N for Oct

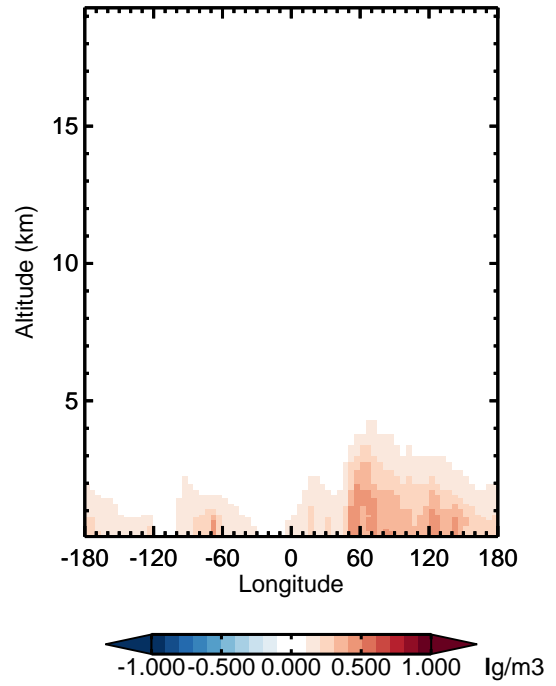


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

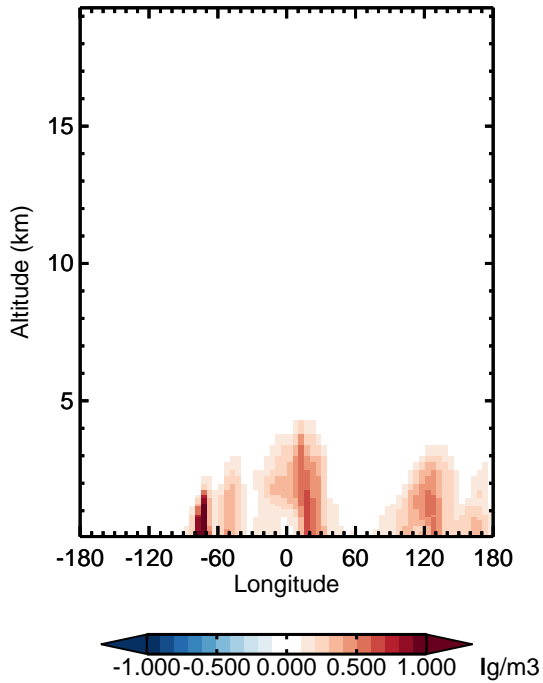
v11-01k-Run0 - v11-01g-Run0  
SO4 - Diff along 15S for Oct



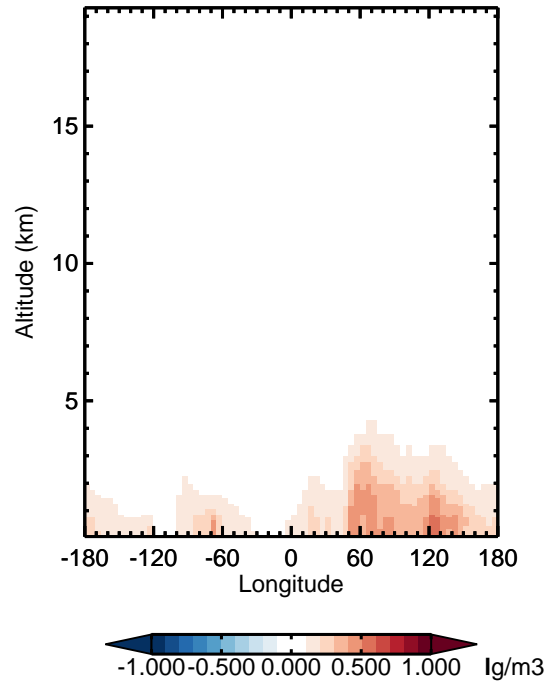
v11-01k-Run0 - v11-01g-Run0  
SO4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
SO4 - Diff along 15S for Oct

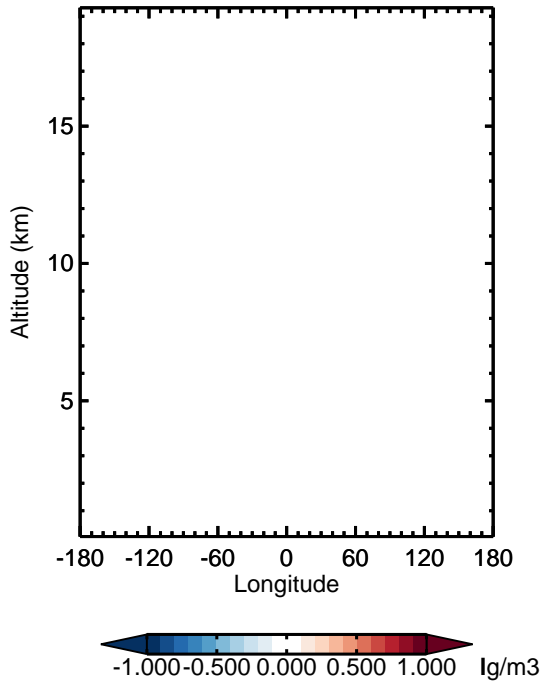


v11-01k-Run0 - v11-01f-geosfp-Run0  
SO4 - Diff along 42N for Oct

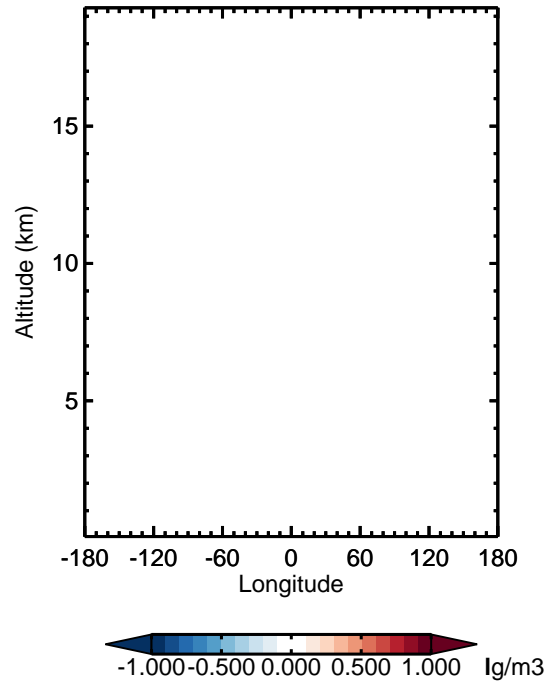


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

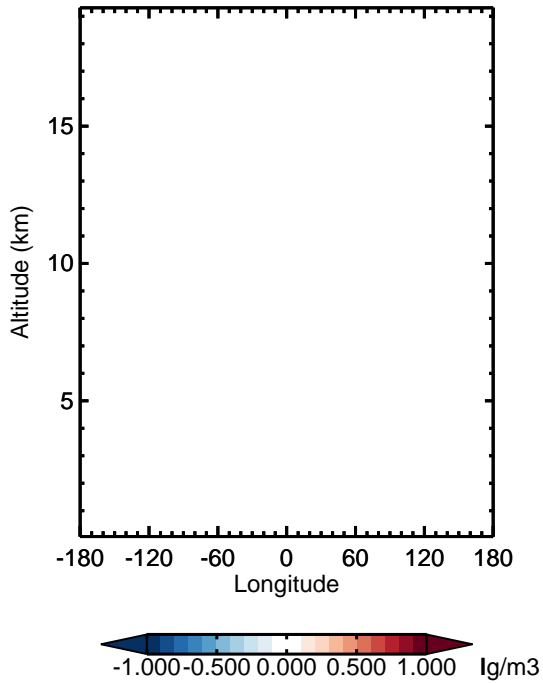
v11-01k-Run0 - v11-01g-Run0  
SO4s - Diff along 15S for Oct



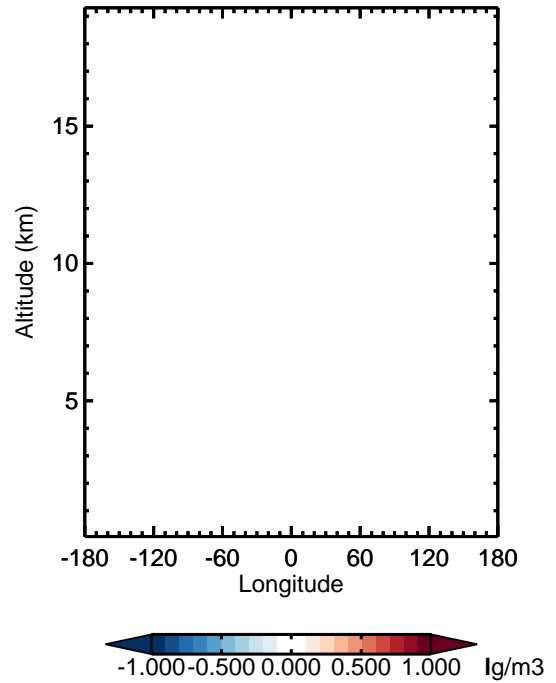
v11-01k-Run0 - v11-01g-Run0  
SO4s - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
SO4s - Diff along 15S for Oct

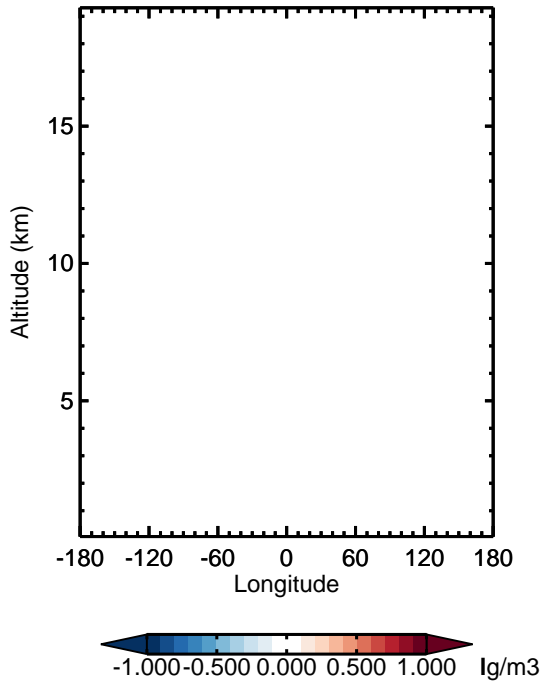


v11-01k-Run0 - v11-01f-geosfp-Run0  
SO4s - Diff along 42N for Oct

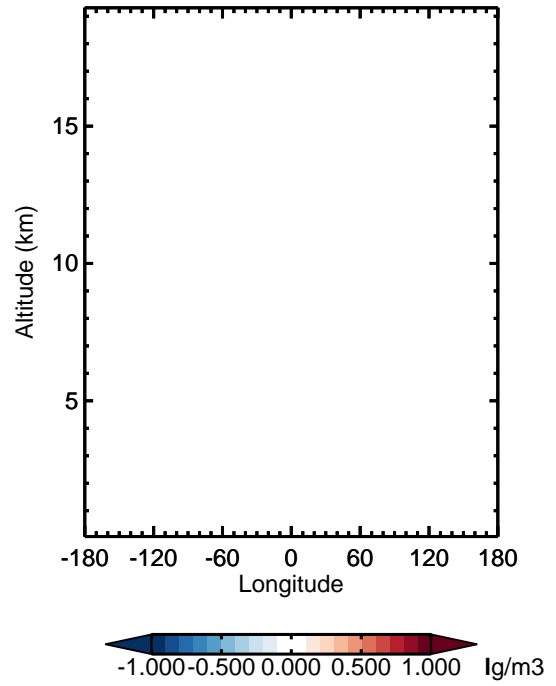


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

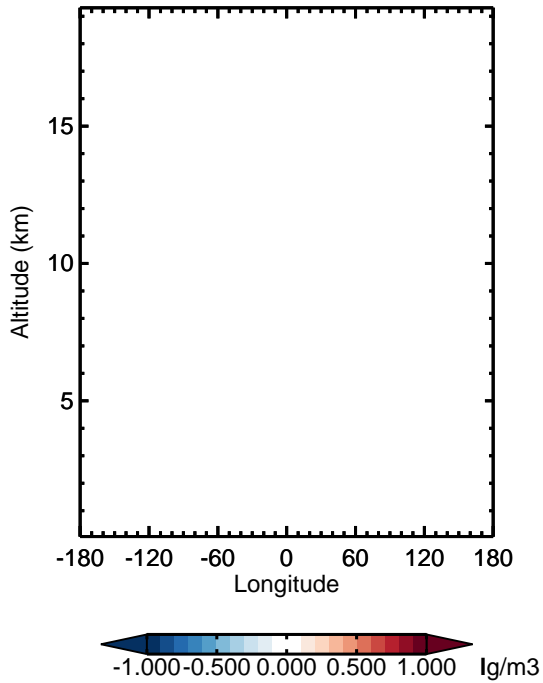
v11-01k-Run0 - v11-01g-Run0  
MSA - Diff along 15S for Oct



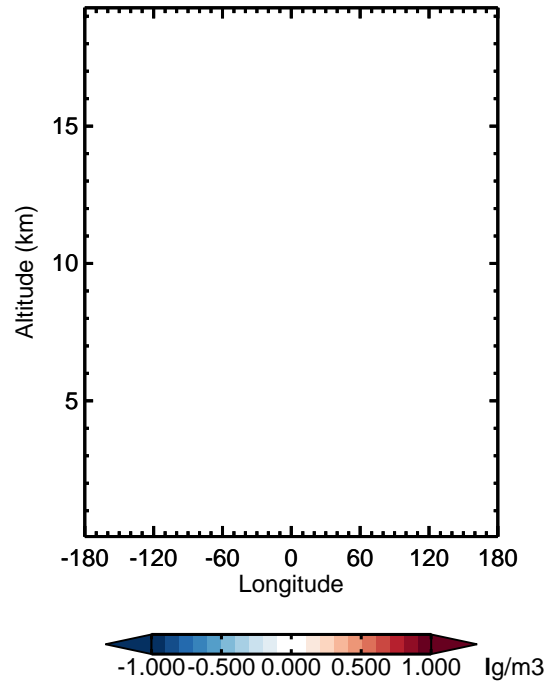
v11-01k-Run0 - v11-01g-Run0  
MSA - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MSA - Diff along 15S for Oct

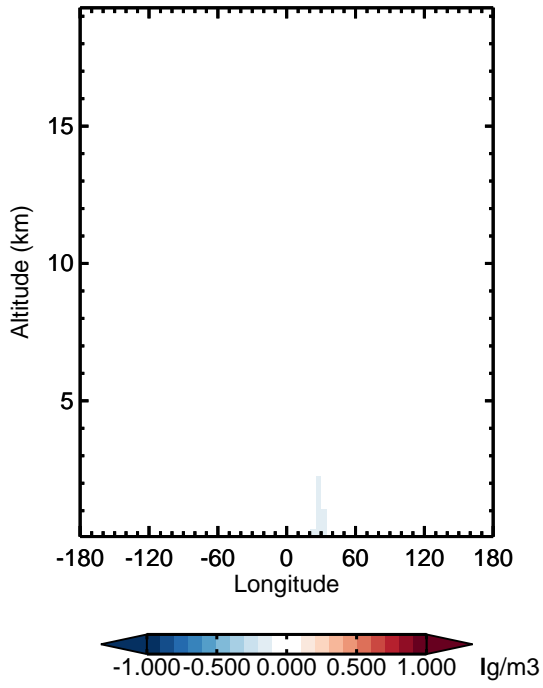


v11-01k-Run0 - v11-01f-geosfp-Run0  
MSA - Diff along 42N for Oct

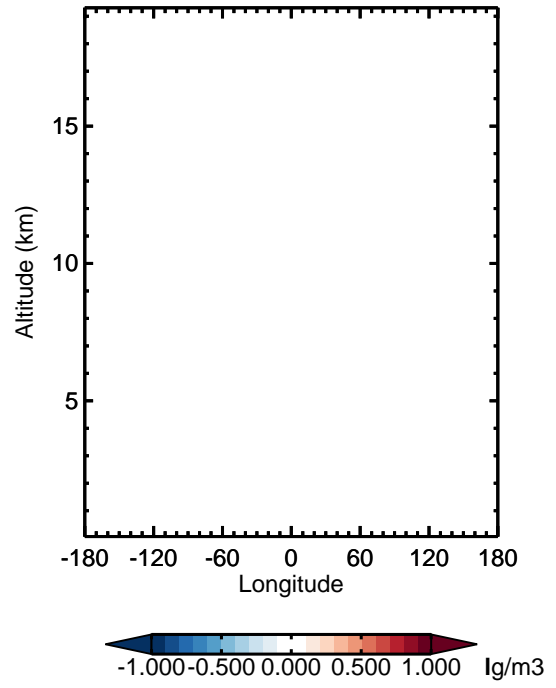


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

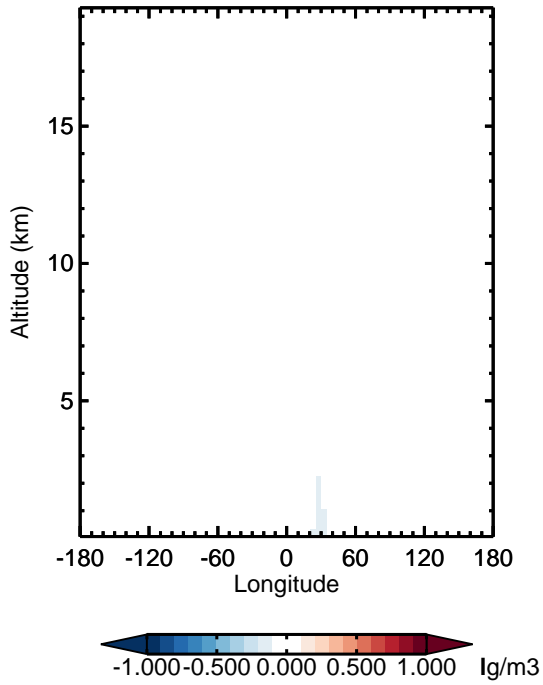
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NH3 - Diff along 15S for Oct



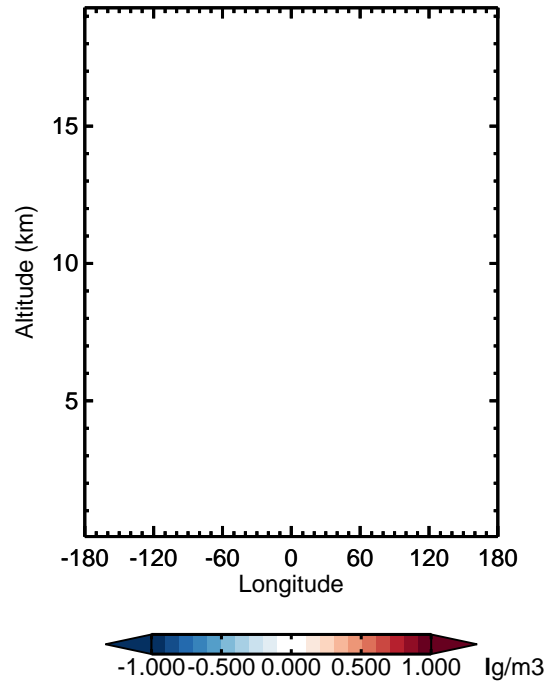
v11-01k-Run0 - v11-01g-Run0  
NH3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NH3 - Diff along 15S for Oct

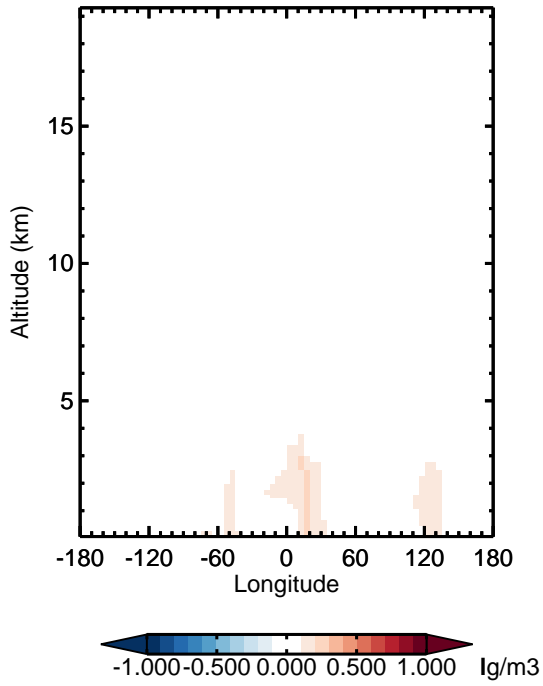


v11-01k-Run0 - v11-01f-geosfp-Run0  
NH3 - Diff along 42N for Oct

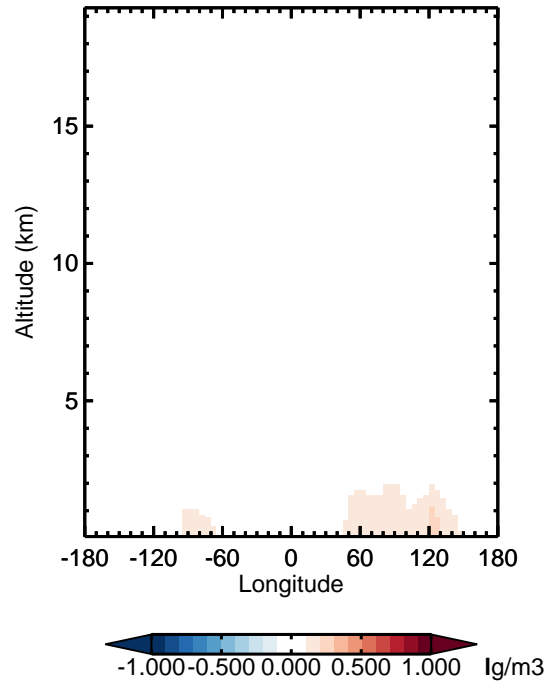


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

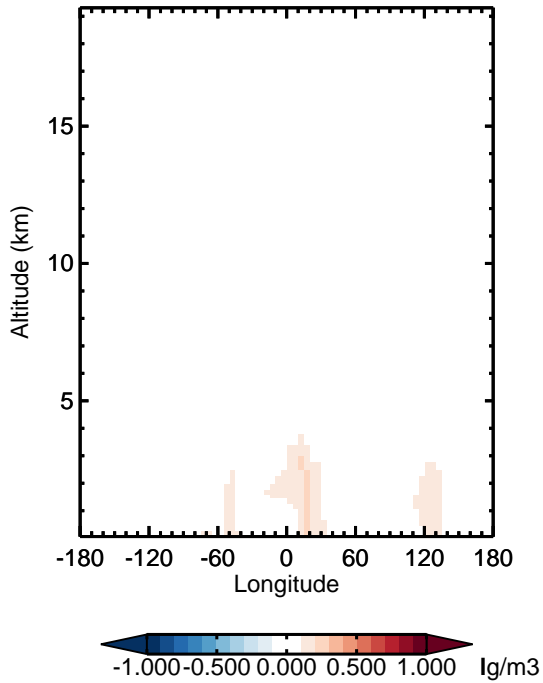
v11-01k-Run0 - v11-01g-Run0  
NH4 - Diff along 15S for Oct



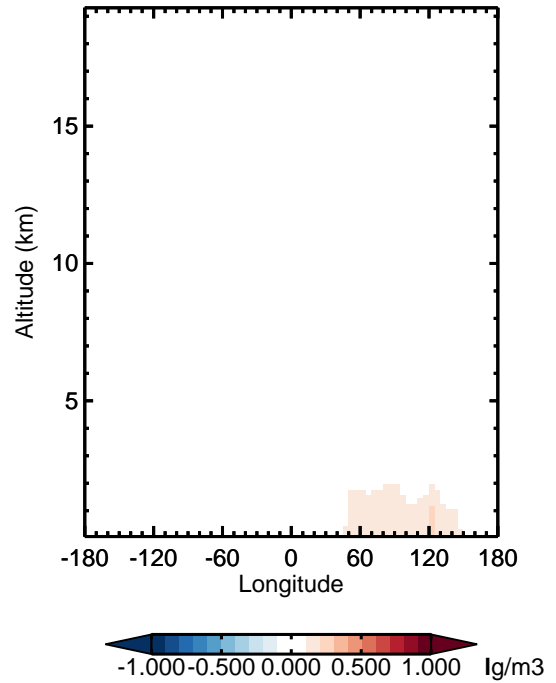
v11-01k-Run0 - v11-01g-Run0  
NH4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NH4 - Diff along 15S for Oct

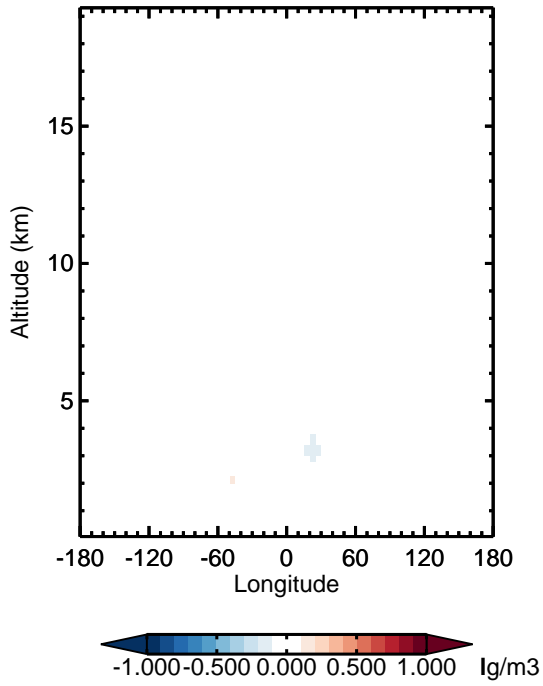


v11-01k-Run0 - v11-01f-geosfp-Run0  
NH4 - Diff along 42N for Oct

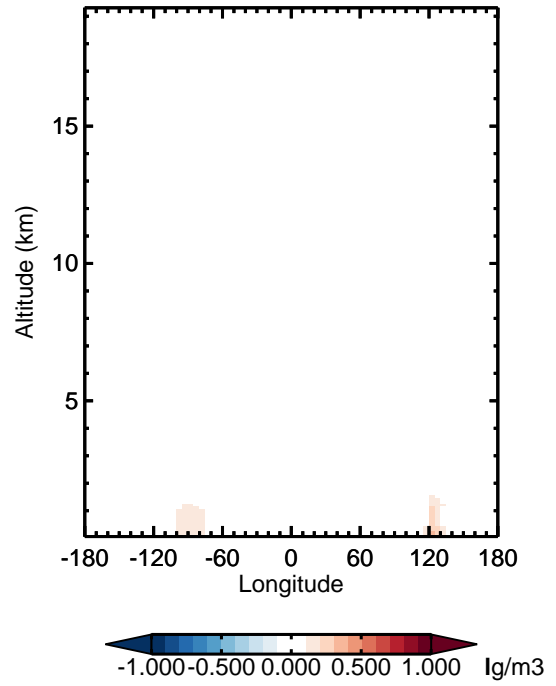


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

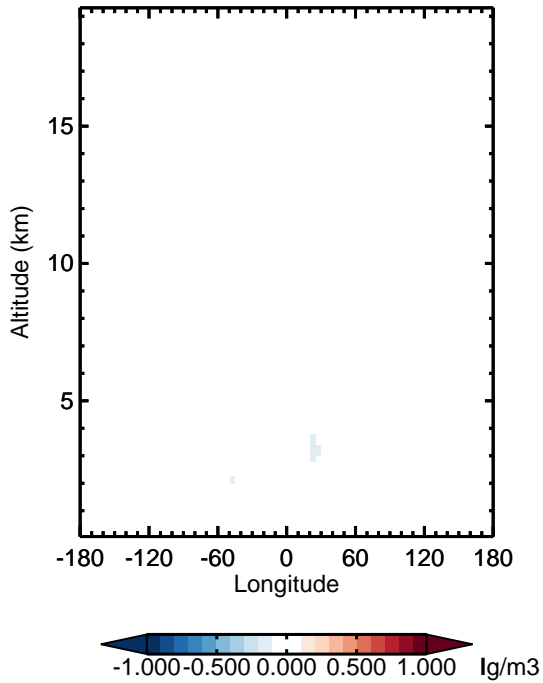
v11-01k-Run0 - v11-01g-Run0  
NIT - Diff along 15S for Oct



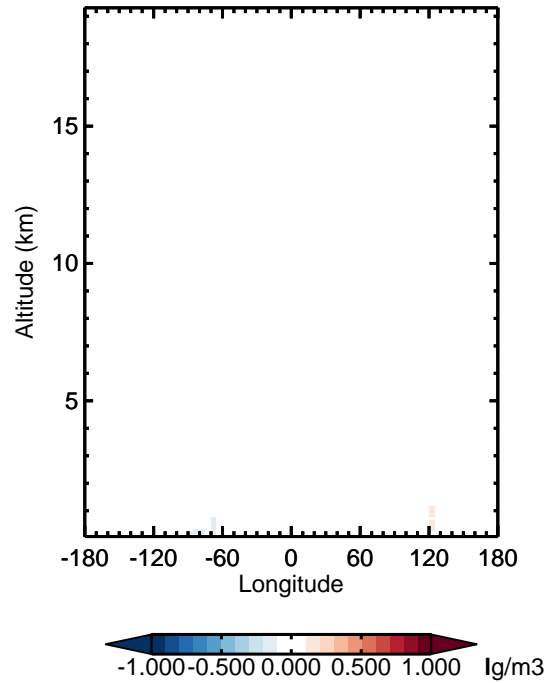
v11-01k-Run0 - v11-01g-Run0  
NIT - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NIT - Diff along 15S for Oct



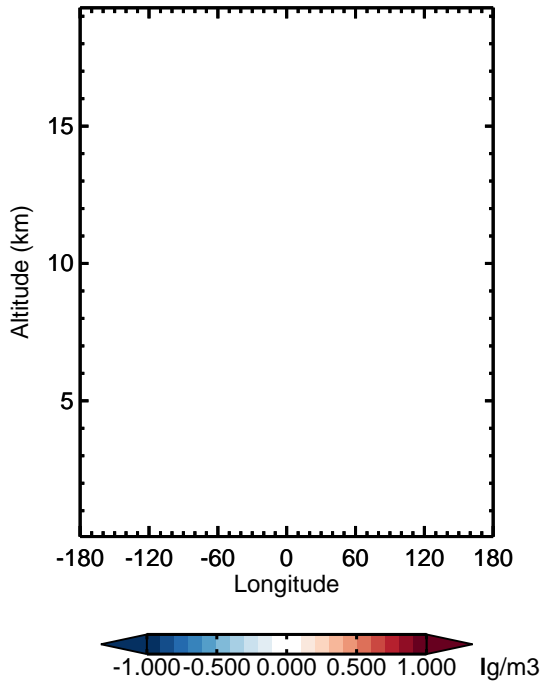
v11-01k-Run0 - v11-01f-geosfp-Run0  
NIT - Diff along 42N for Oct



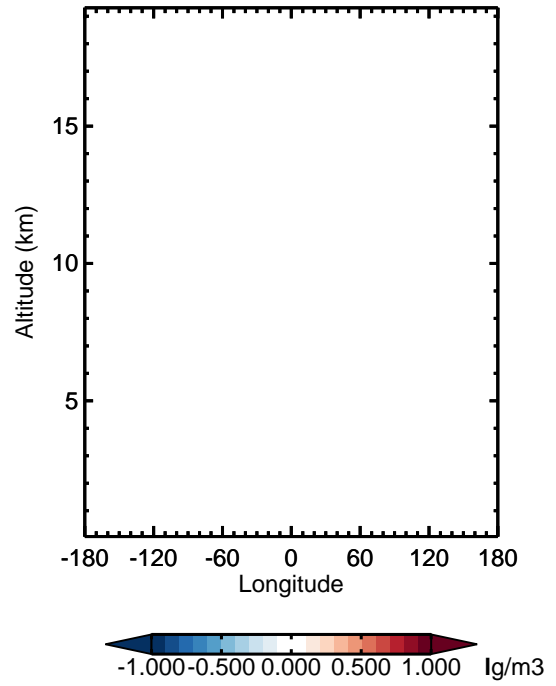


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

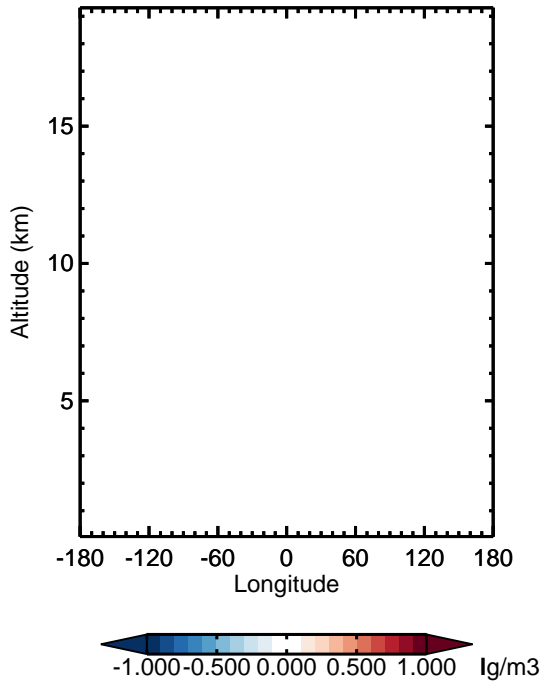
v11-01k-Run0 - v11-01g-Run0  
NITs - Diff along 15S for Oct



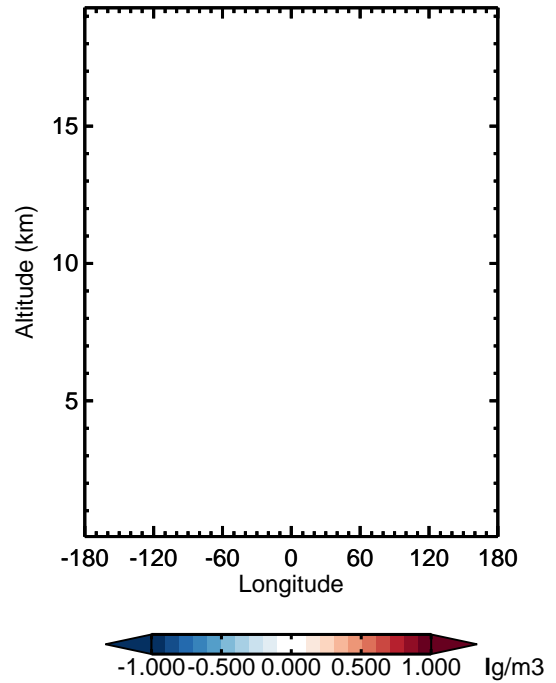
v11-01k-Run0 - v11-01g-Run0  
NITs - Diff along 42N for Oct



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NITs - Diff along 15S for Oct

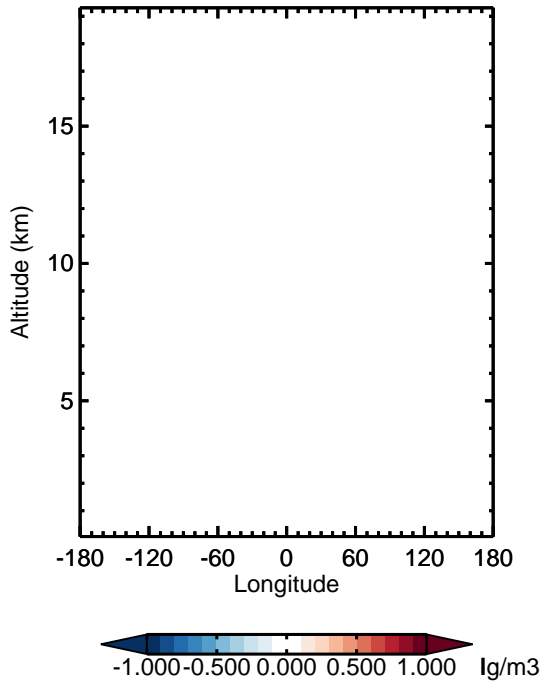


v11-01k-Run0 - v11-01f-geosfp-Run0  
NITs - Diff along 42N for Oct

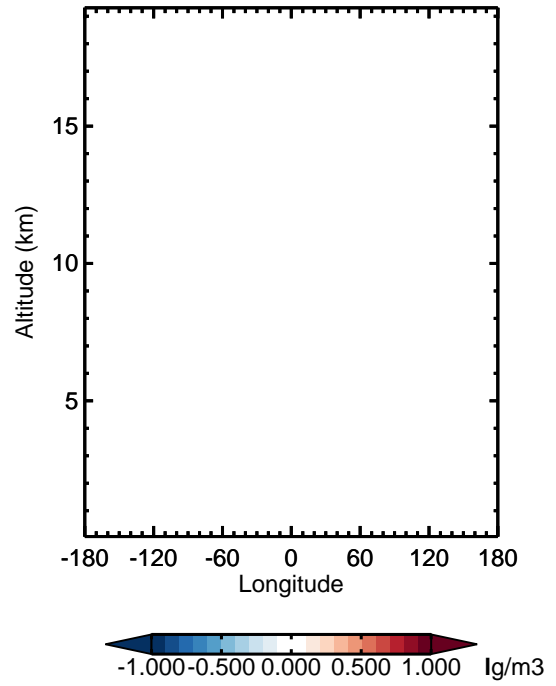


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

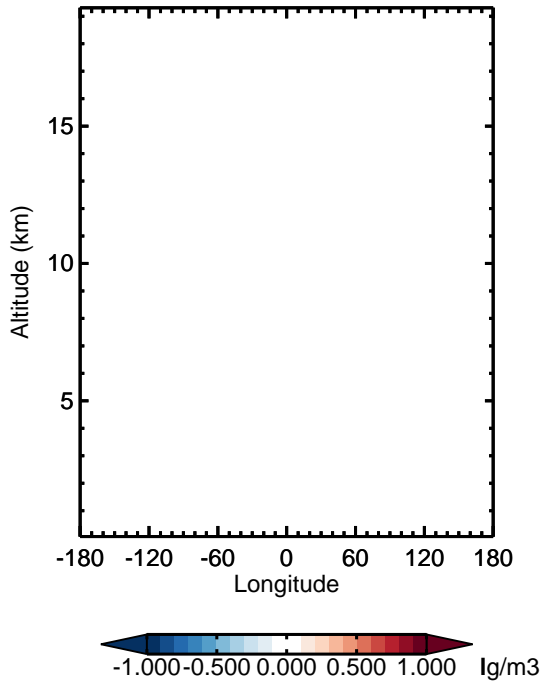
v11-01k-Run0 - v11-01g-Run0  
BCPI - Diff along 15S for Oct



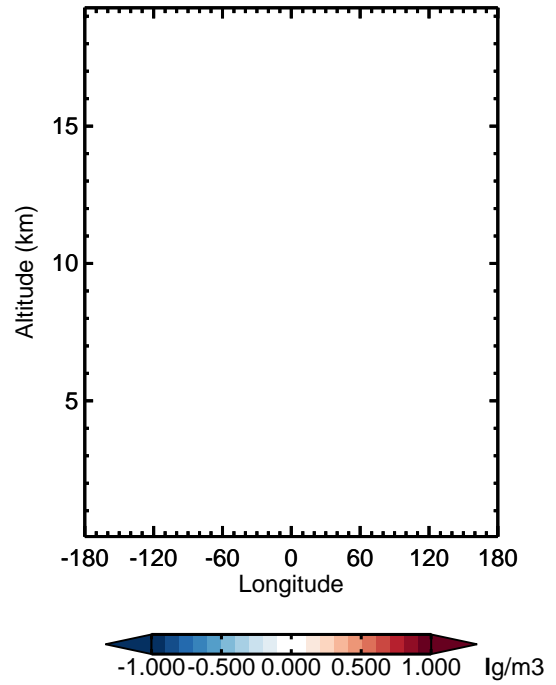
v11-01k-Run0 - v11-01g-Run0  
BCPI - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BCPI - Diff along 15S for Oct

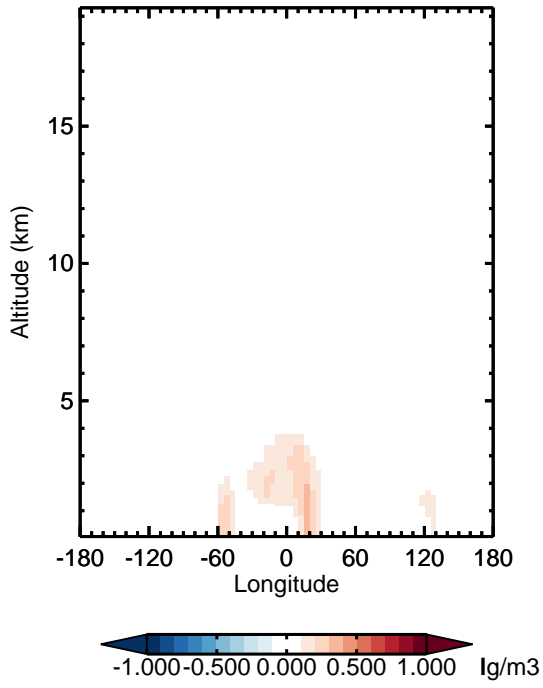


v11-01k-Run0 - v11-01f-geosfp-Run0  
BCPI - Diff along 42N for Oct

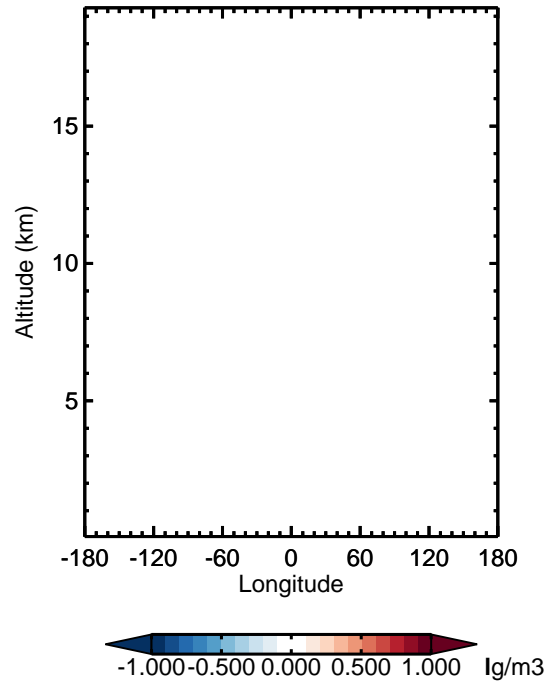


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

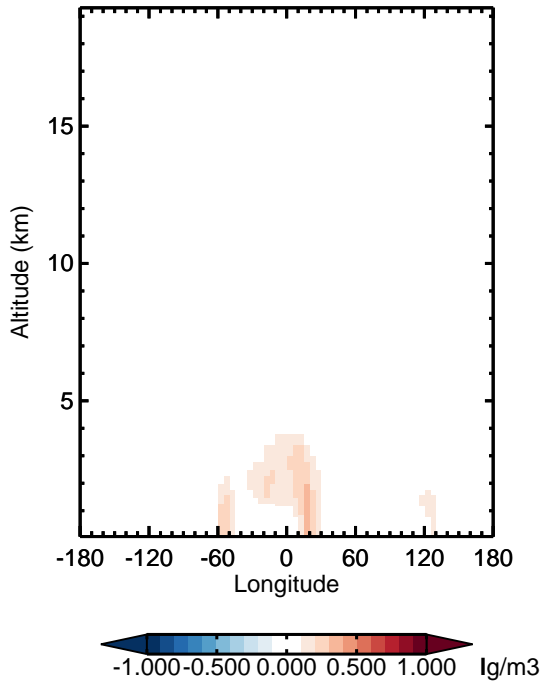
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OCPI - Diff along 15S for Oct



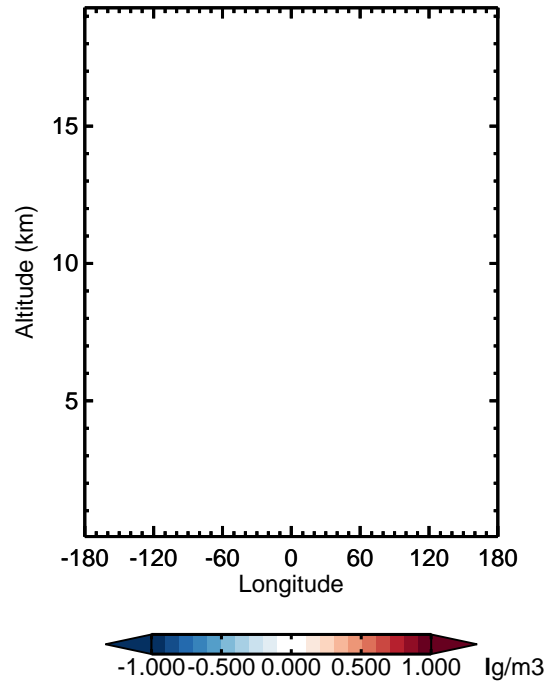
v11-01k-Run0 - v11-01g-Run0  
OCPI - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
OCPI - Diff along 15S for Oct

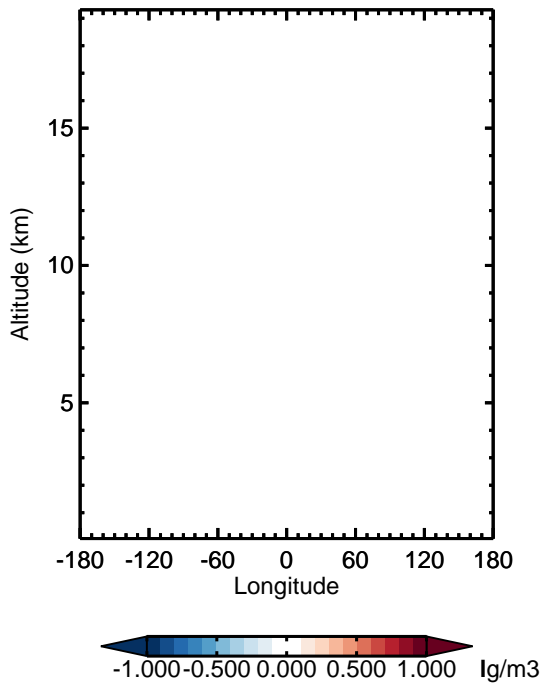


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OCPI - Diff along 42N for Oct

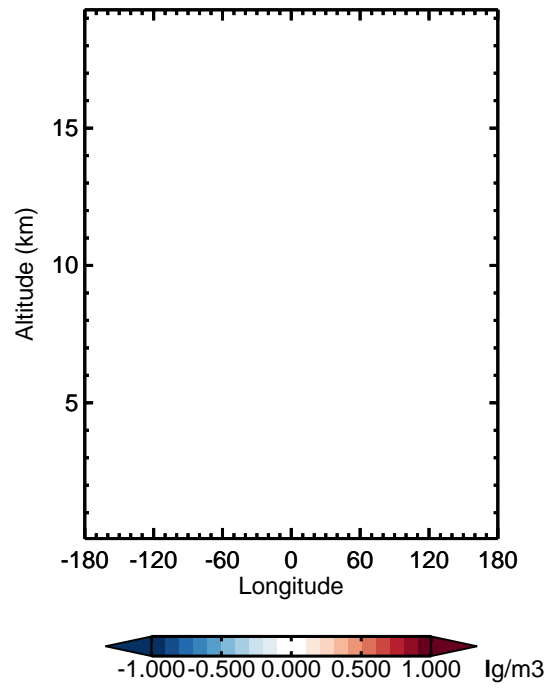


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

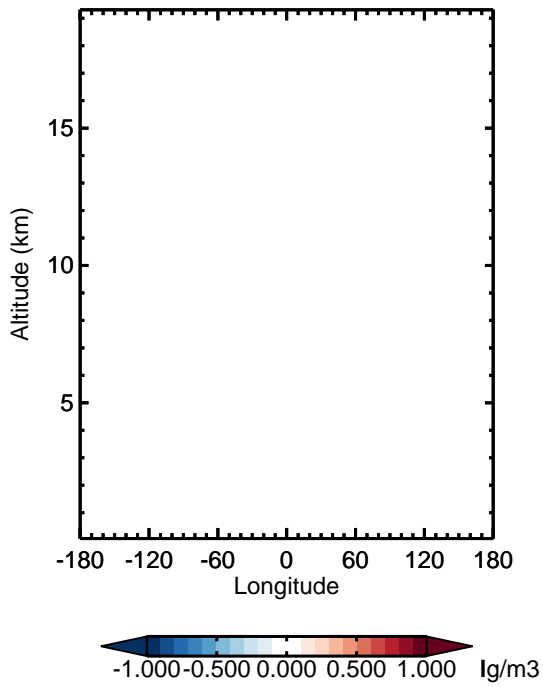
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BCPO - Diff along 15S for Oct



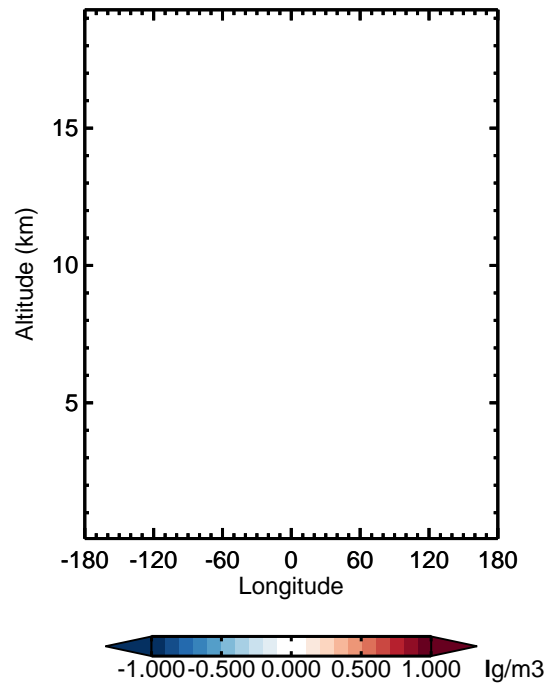
v11-01k-Run0 - v11-01g-Run0  
BCPO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BCPO - Diff along 15S for Oct

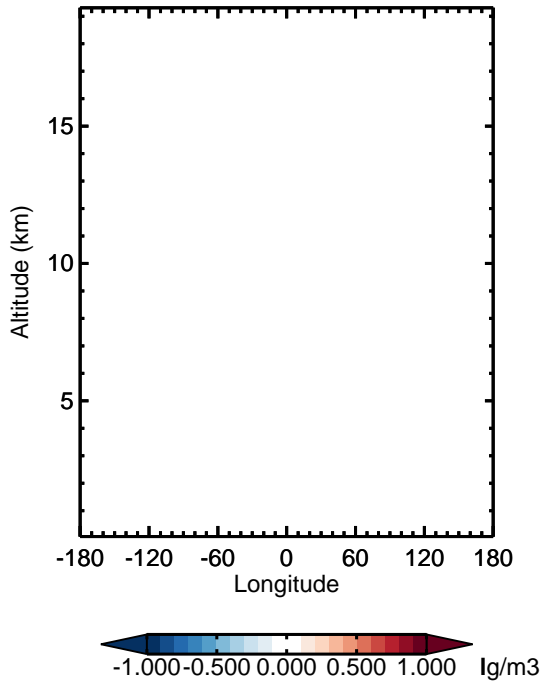


v11-01k-Run0 - v11-01f-geosfp-Run0  
BCPO - Diff along 42N for Oct

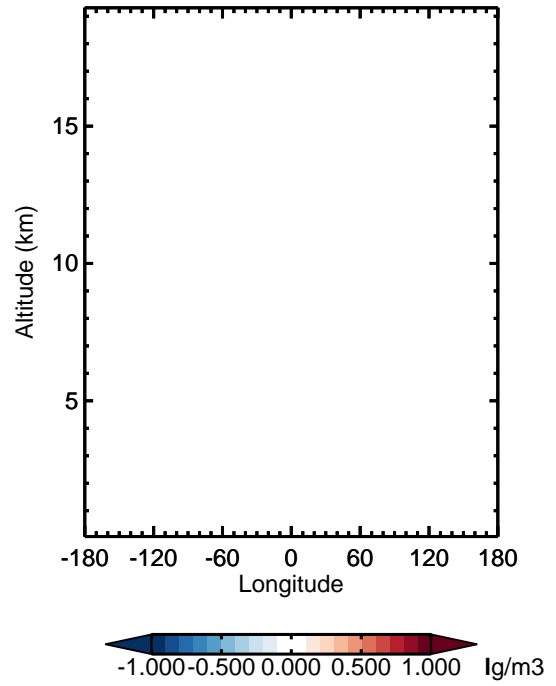


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

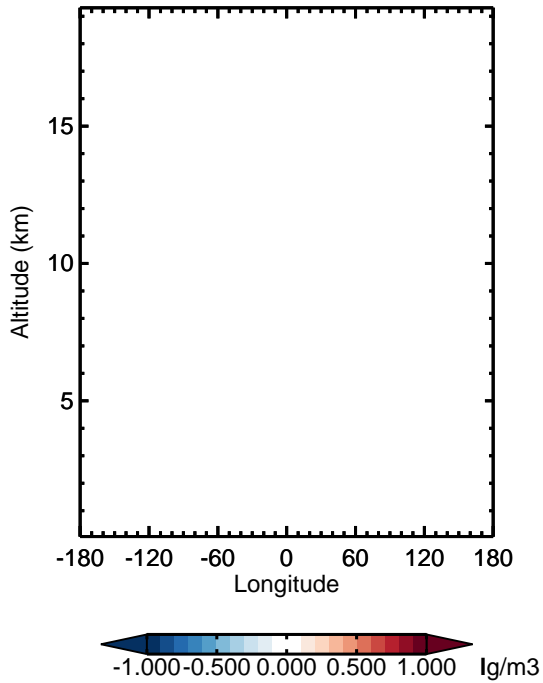
v11-01k-Run0 - v11-01g-Run0  
OCPO - Diff along 15S for Oct



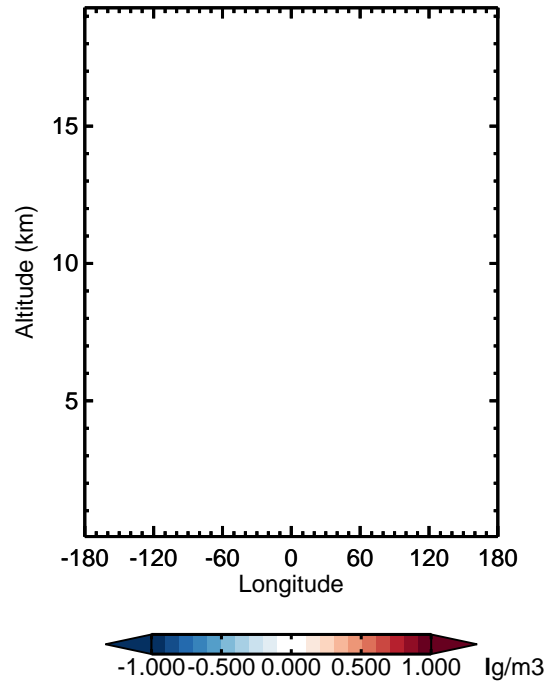
v11-01k-Run0 - v11-01g-Run0  
OCPO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
OCPO - Diff along 15S for Oct

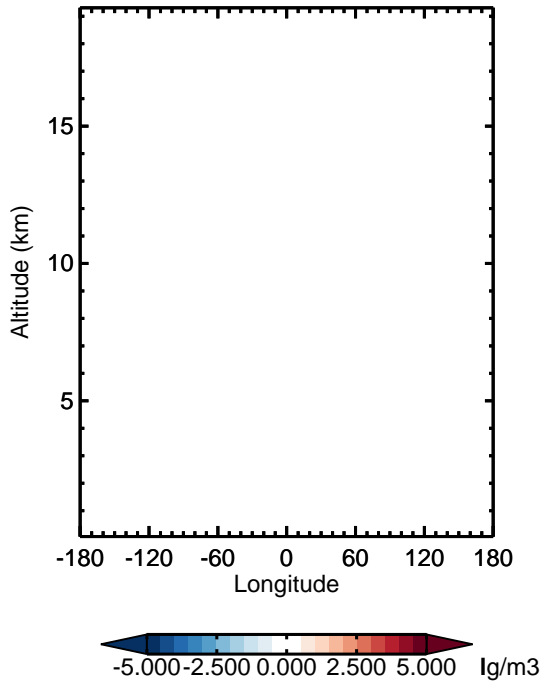


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OCPO - Diff along 42N for Oct

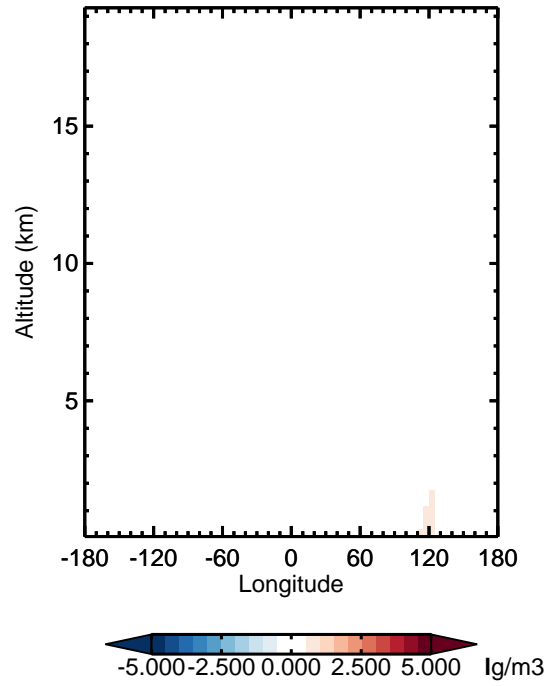


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

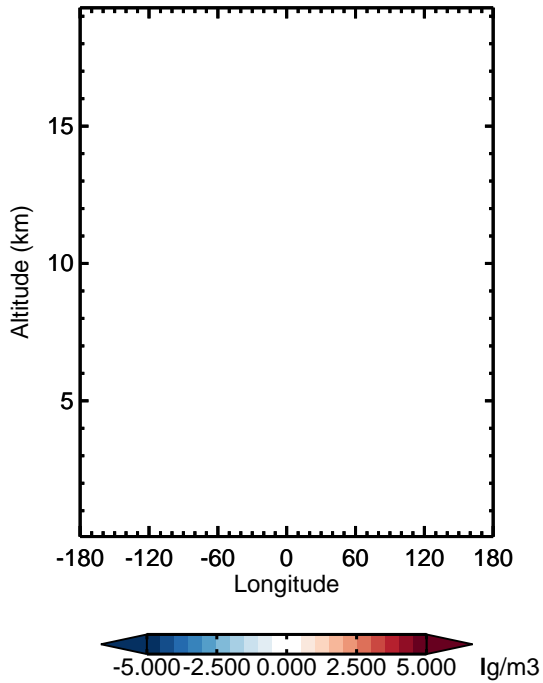
v11-01k-Run0 - v11-01g-Run0  
DST1 - Diff along 15S for Oct



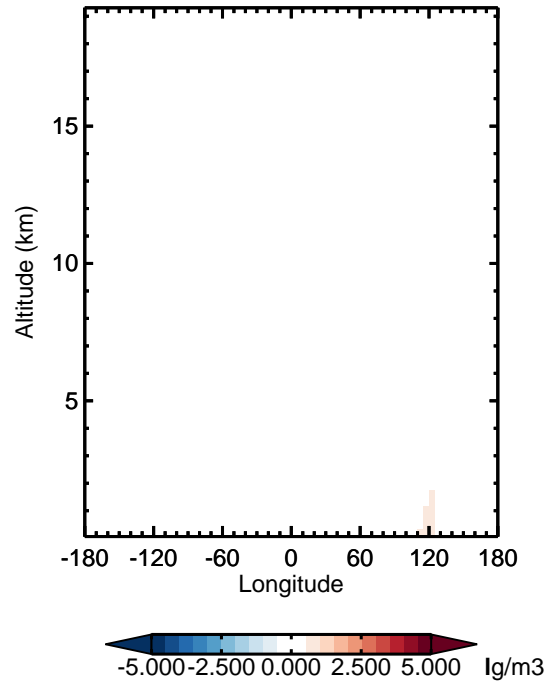
v11-01k-Run0 - v11-01g-Run0  
DST1 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
DST1 - Diff along 15S for Oct

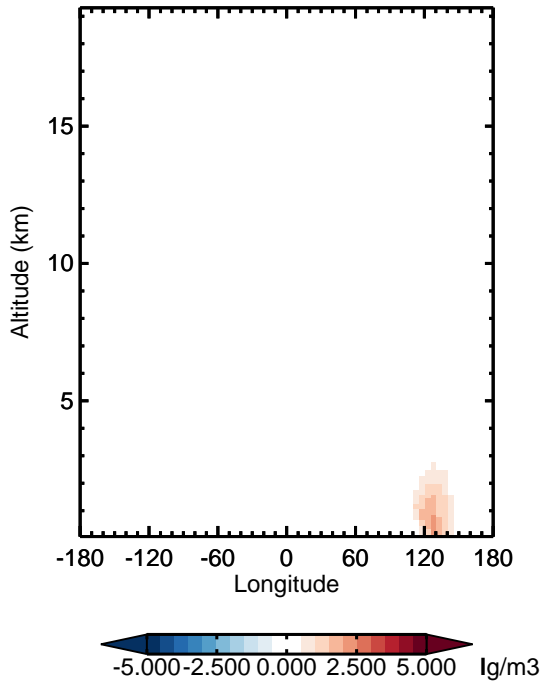


v11-01k-Run0 - v11-01f-geosfp-Run0  
DST1 - Diff along 42N for Oct

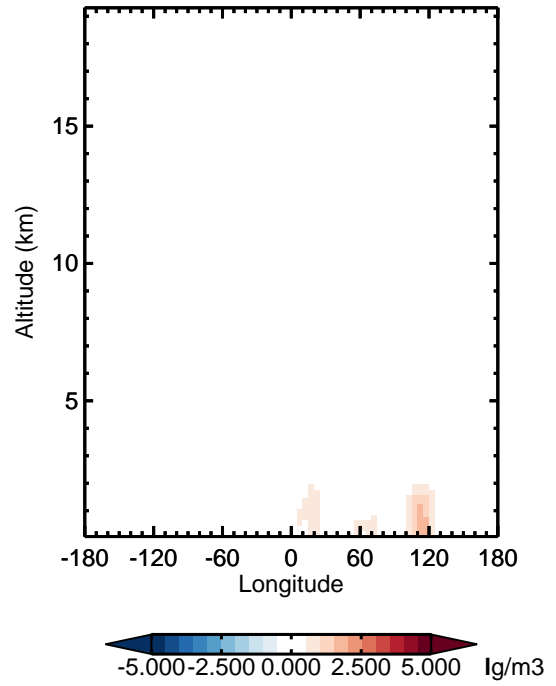


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

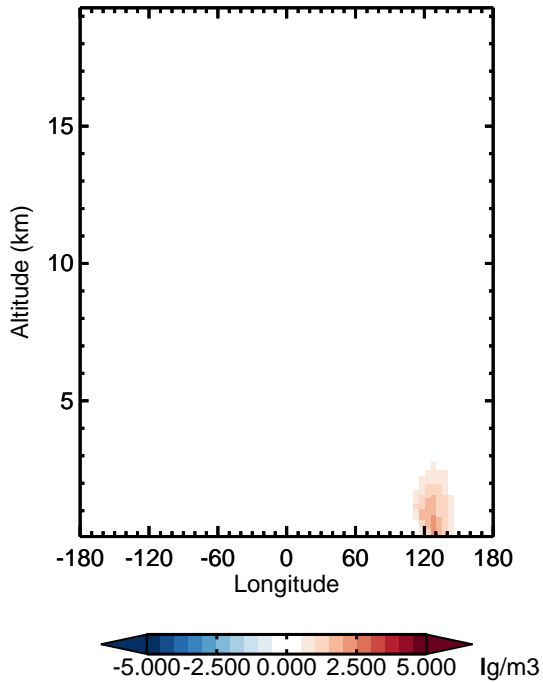
v11-01k-Run0 - v11-01g-Run0  
DST2 - Diff along 15S for Oct



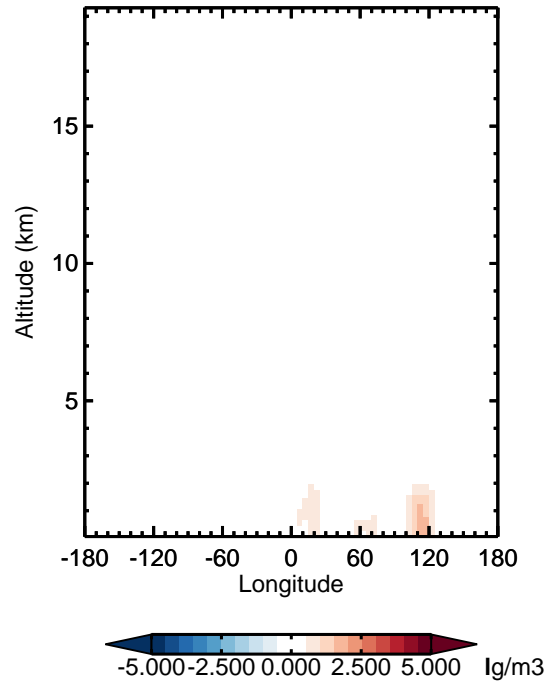
v11-01k-Run0 - v11-01g-Run0  
DST2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
DST2 - Diff along 15S for Oct

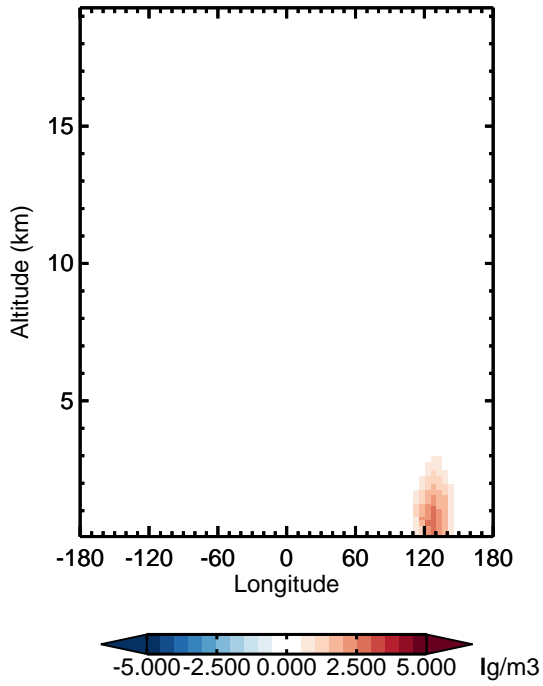


v11-01k-Run0 - v11-01f-geosfp-Run0  
DST2 - Diff along 42N for Oct

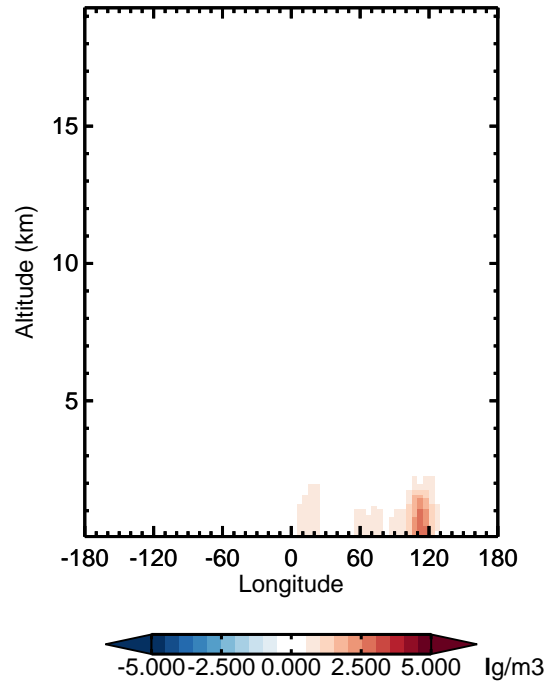


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

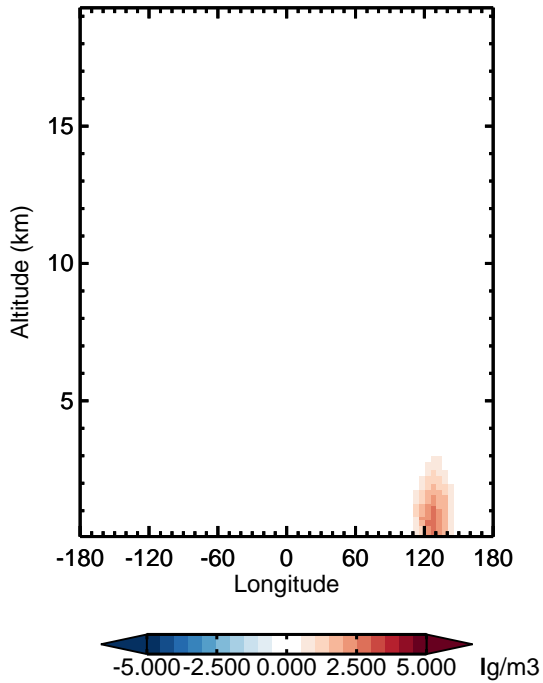
v11-01k-Run0 - v11-01g-Run0  
DST3 - Diff along 15S for Oct



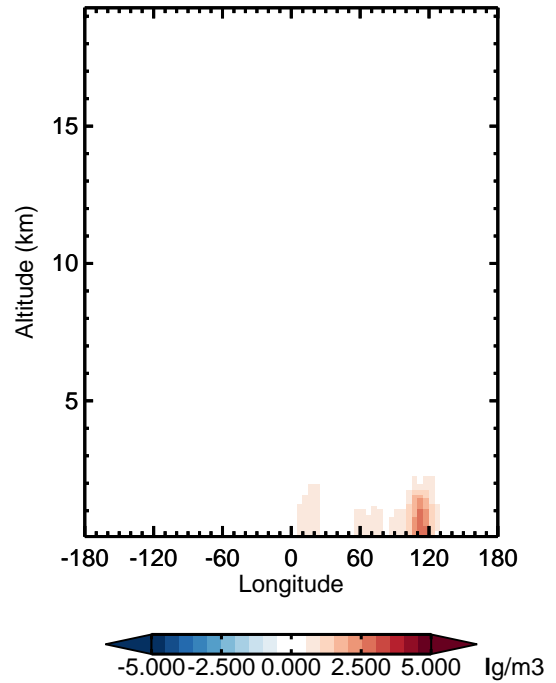
v11-01k-Run0 - v11-01g-Run0  
DST3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
DST3 - Diff along 15S for Oct



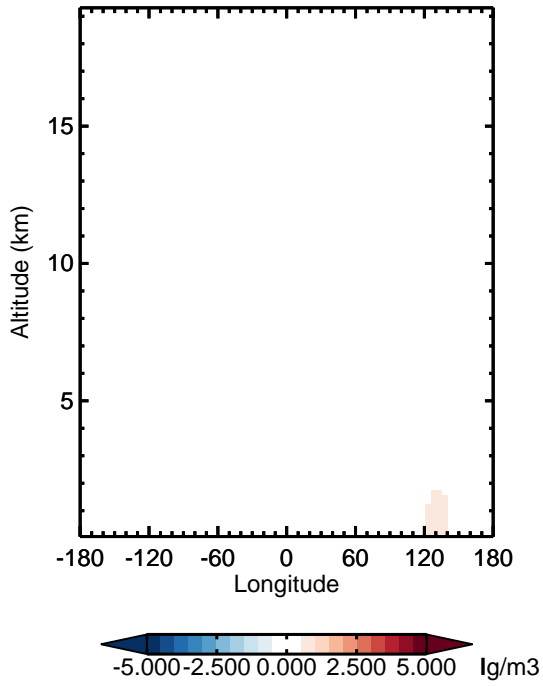
v11-01k-Run0 - v11-01f-geosfp-Run0  
DST3 - Diff along 42N for Oct



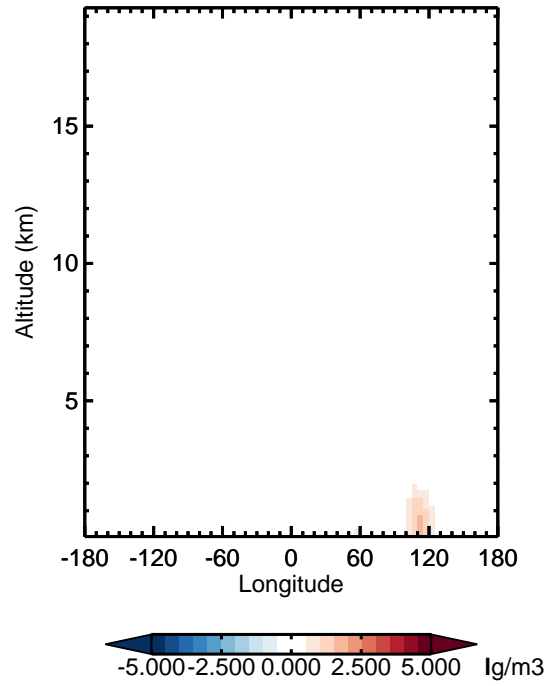


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

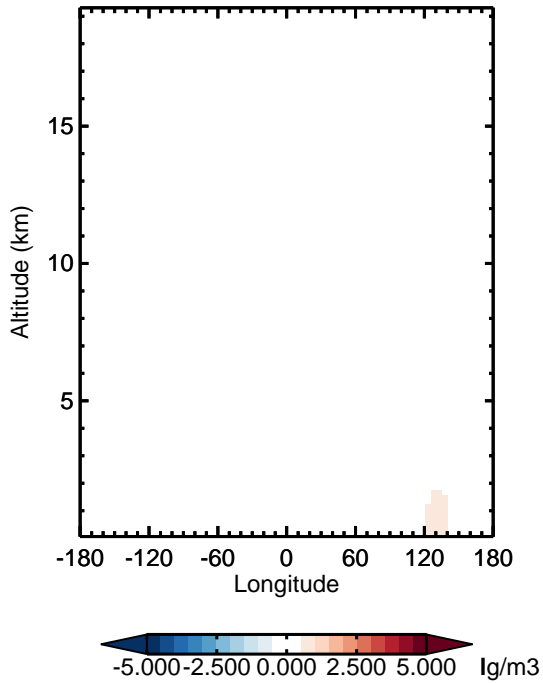
v11-01k-Run0 - v11-01g-Run0  
DST4 - Diff along 15S for Oct



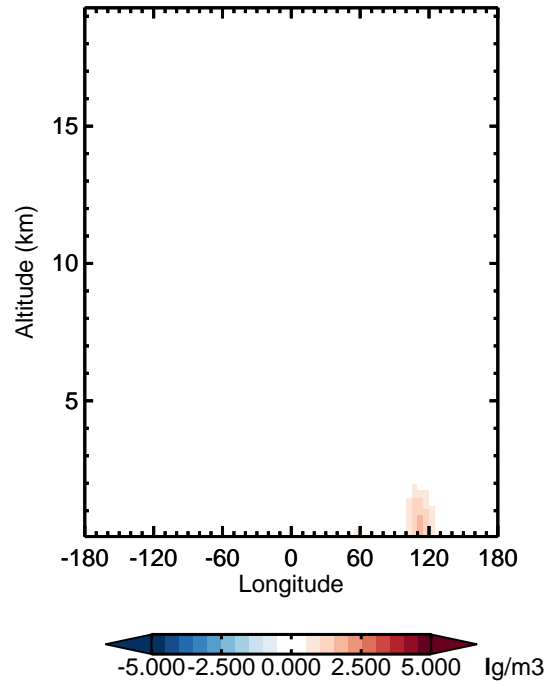
v11-01k-Run0 - v11-01g-Run0  
DST4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
DST4 - Diff along 15S for Oct

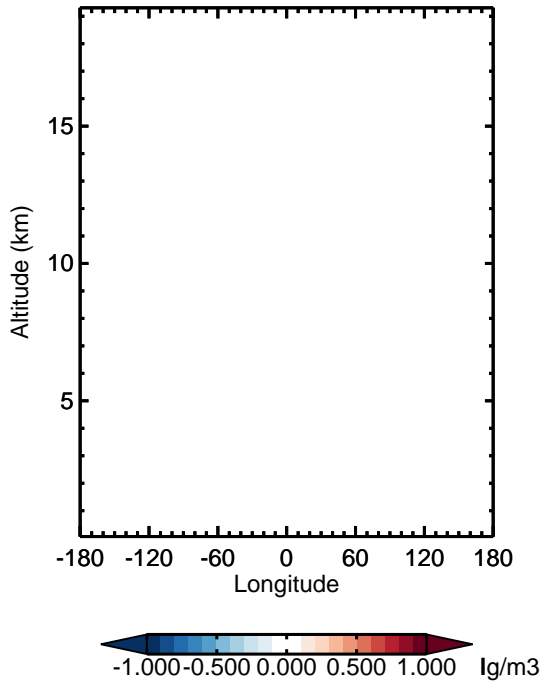


v11-01k-Run0 - v11-01f-geosfp-Run0  
DST4 - Diff along 42N for Oct

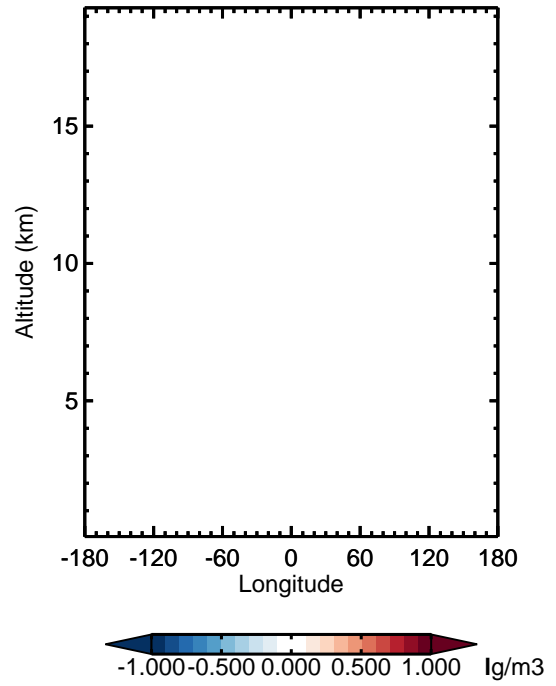


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

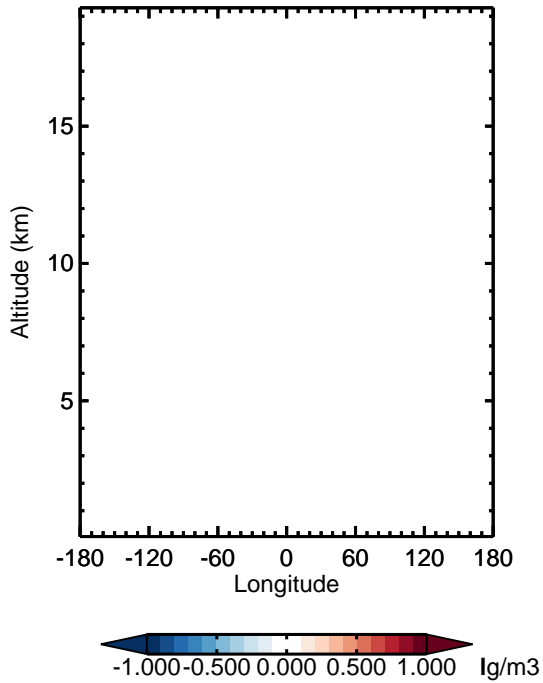
v11-01k-Run0 - v11-01g-Run0  
SALA - Diff along 15S for Oct



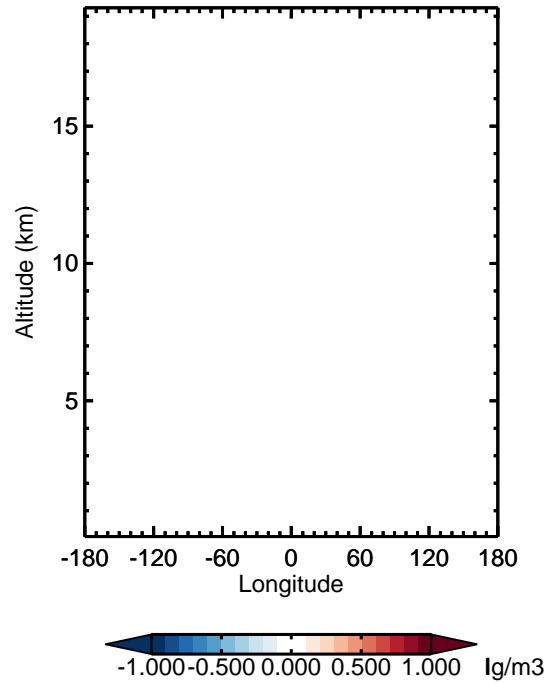
v11-01k-Run0 - v11-01g-Run0  
SALA - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
SALA - Diff along 15S for Oct

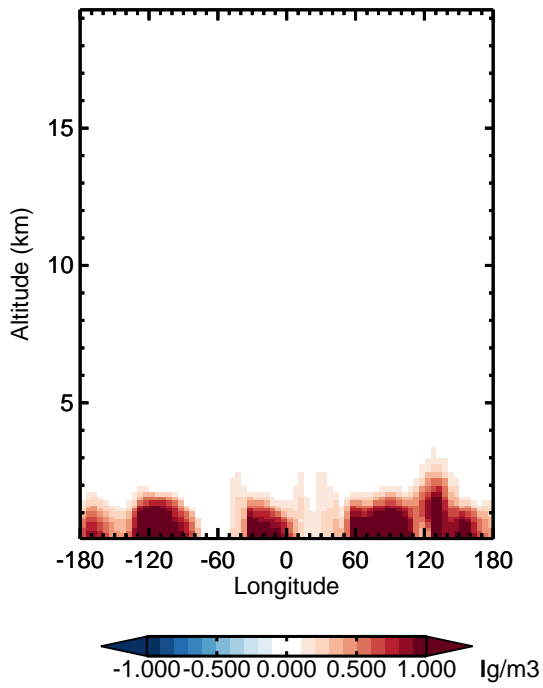


v11-01k-Run0 - v11-01f-geosfp-Run0  
SALA - Diff along 42N for Oct

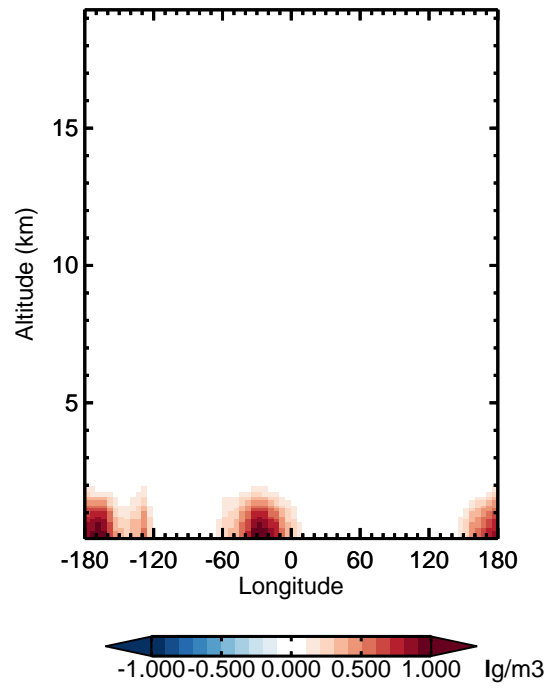


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

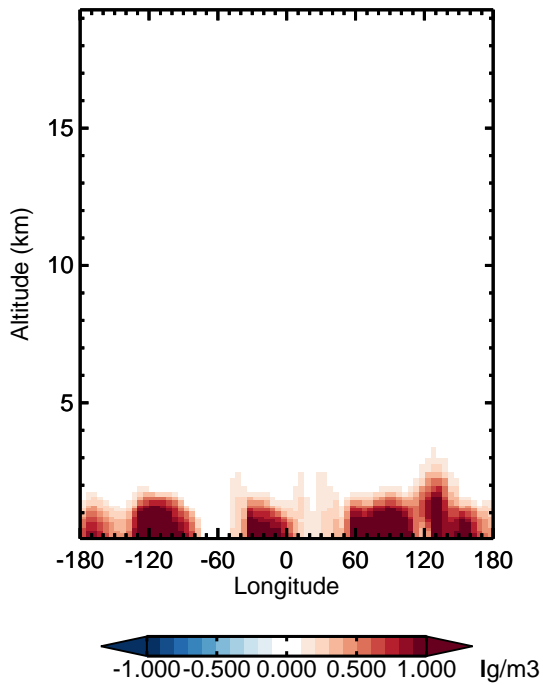
v11-01k-Run0 - v11-01g-Run0  
SALC - Diff along 15S for Oct



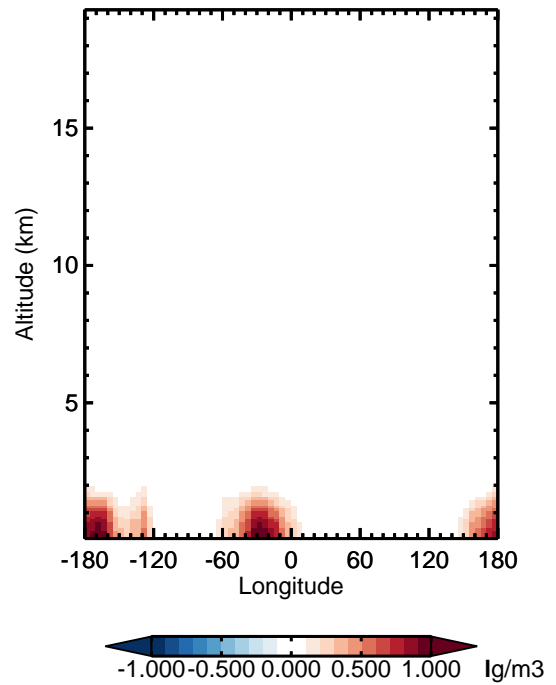
v11-01k-Run0 - v11-01g-Run0  
SALC - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
SALC - Diff along 15S for Oct



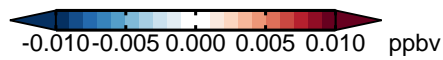
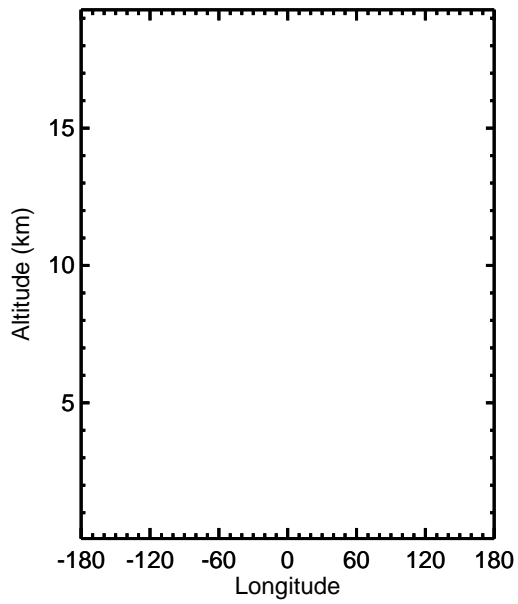
v11-01k-Run0 - v11-01f-geosfp-Run0  
SALC - Diff along 42N for Oct



# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

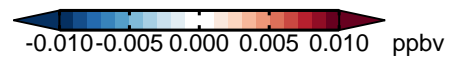
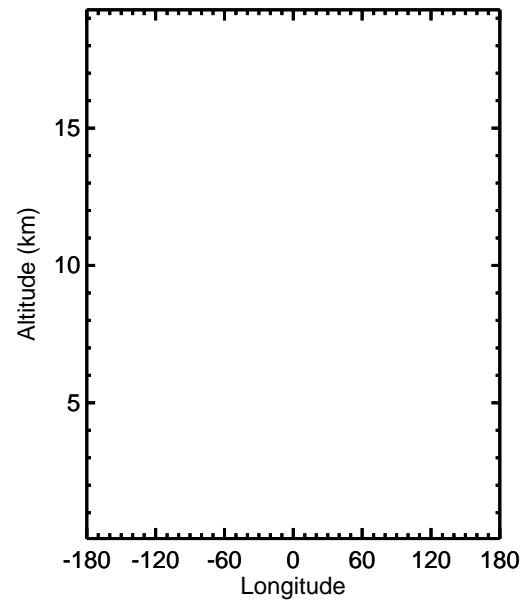
v11-01k-Run0 - v11-01g-Run0

Br2 - Diff along 15S for Oct



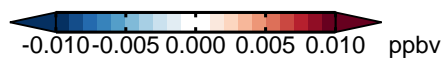
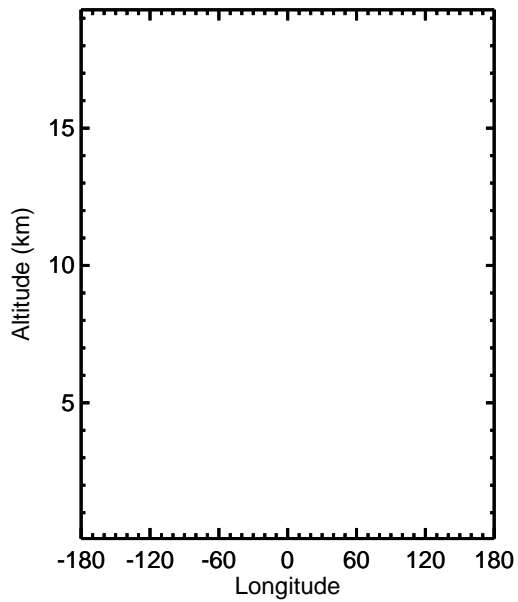
v11-01k-Run0 - v11-01g-Run0

Br2 - Diff along 42N for Oct



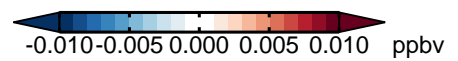
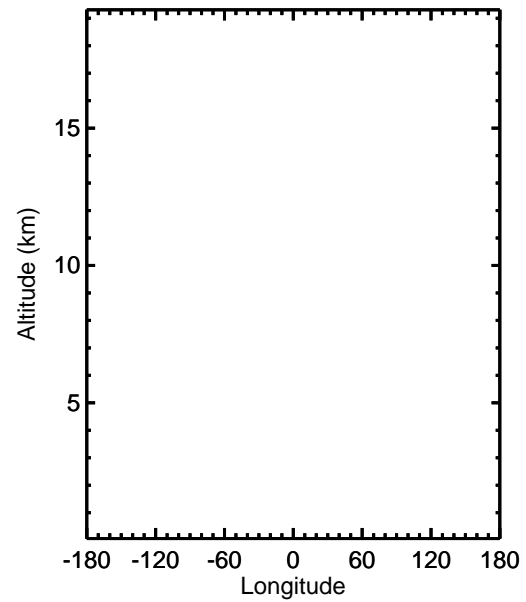
v11-01k-Run0 - v11-01f-geosfp-Run0

Br2 - Diff along 15S for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0

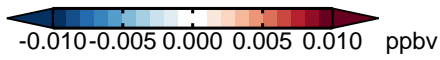
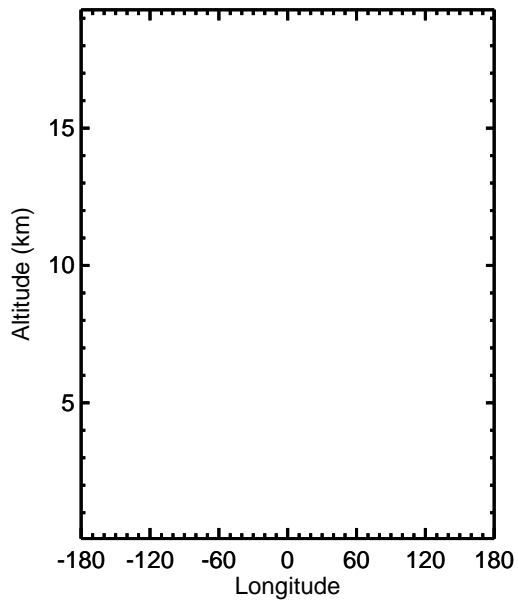
Br2 - Diff along 42N for Oct



# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

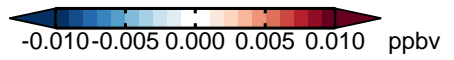
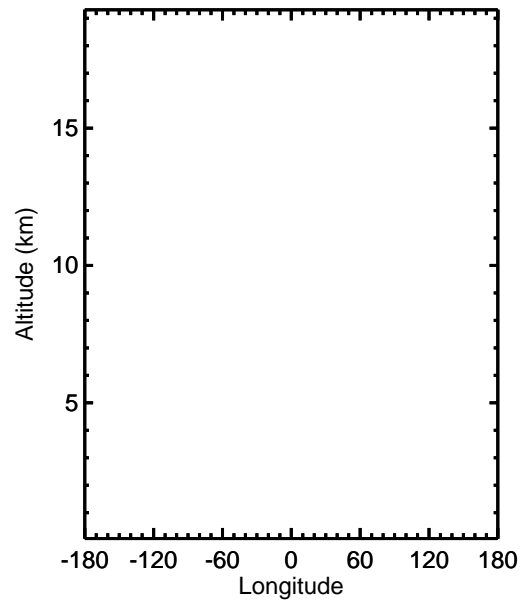
v11-01k-Run0 - v11-01g-Run0

Br - Diff along 15S for Oct



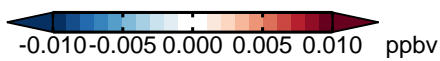
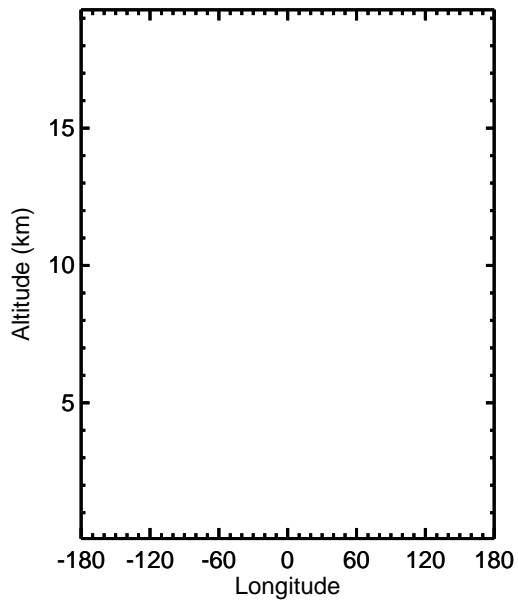
v11-01k-Run0 - v11-01g-Run0

Br - Diff along 42N for Oct



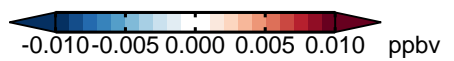
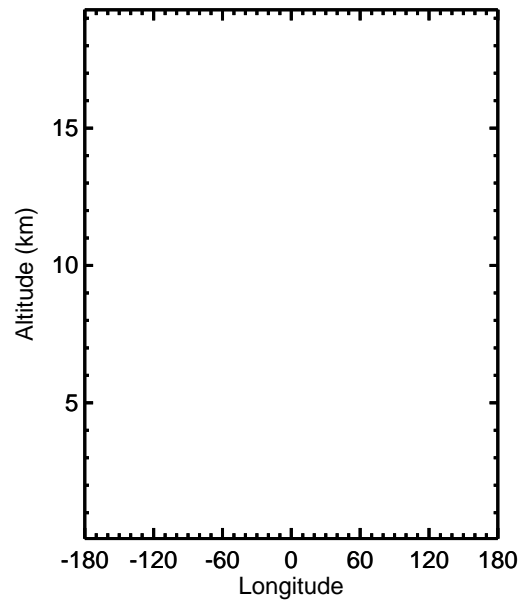
v11-01k-Run0 - v11-01f-geosfp-Run0

Br - Diff along 15S for Oct



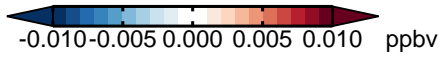
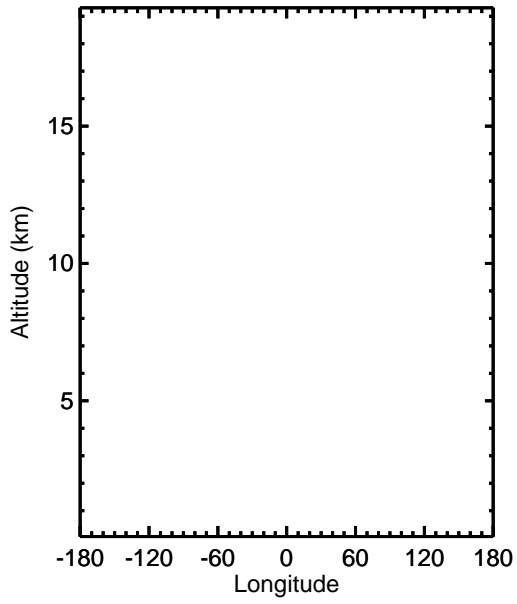
v11-01k-Run0 - v11-01f-geosfp-Run0

Br - Diff along 42N for Oct

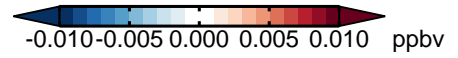
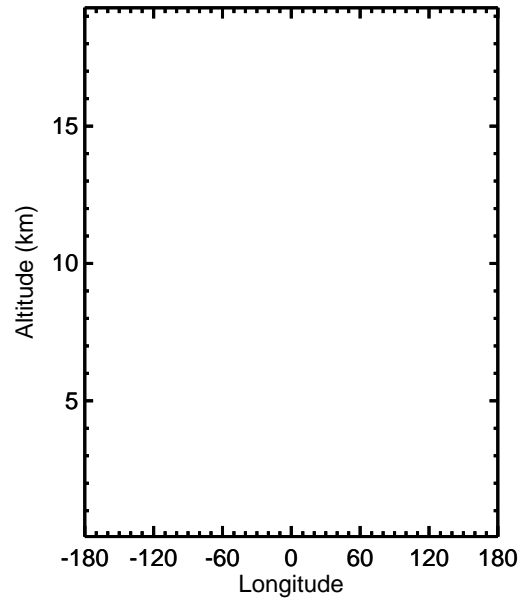


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

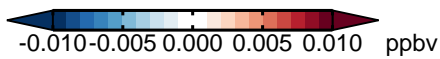
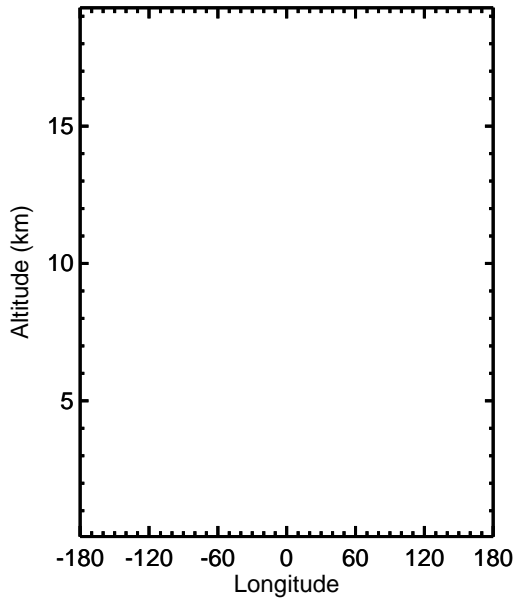
v11-01k-Run0 - v11-01g-Run0  
BrO - Diff along 15S for Oct



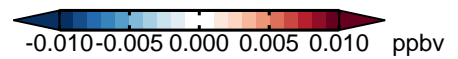
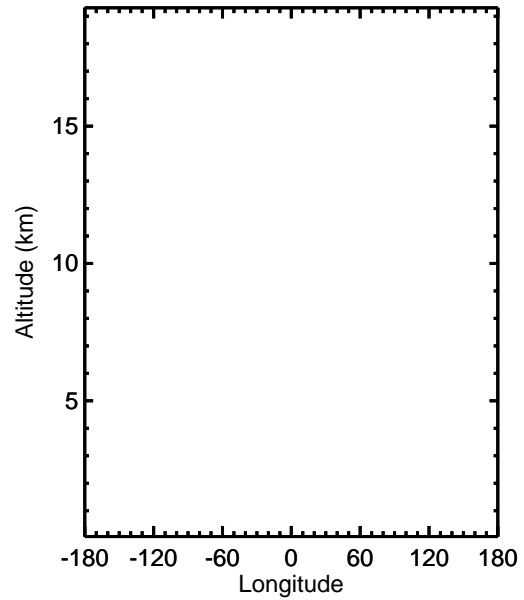
v11-01k-Run0 - v11-01g-Run0  
BrO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BrO - Diff along 15S for Oct

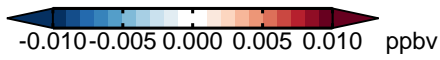
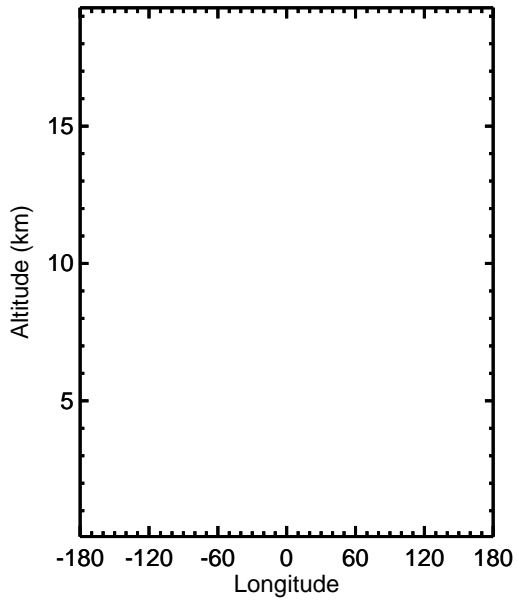


v11-01k-Run0 - v11-01f-geosfp-Run0  
BrO - Diff along 42N for Oct

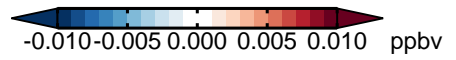
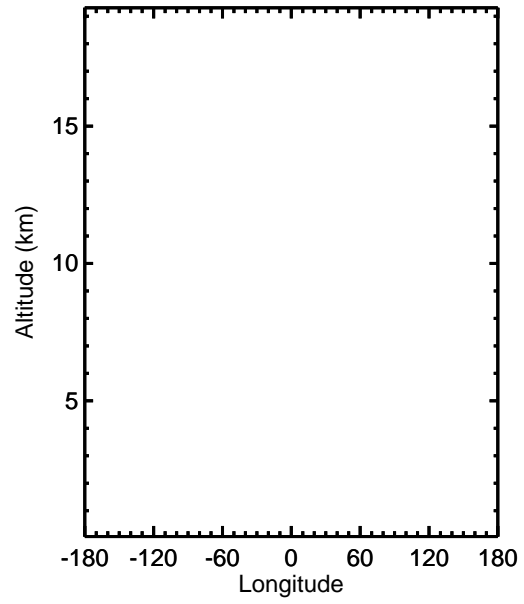


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

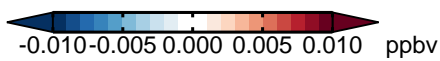
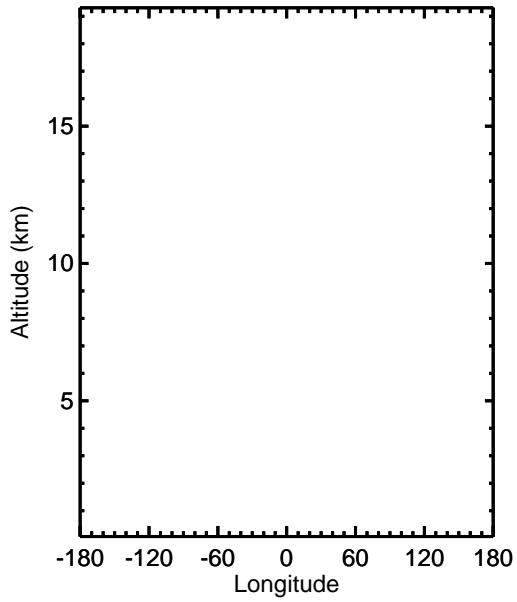
v11-01k-Run0 - v11-01g-Run0  
HOBr - Diff along 15S for Oct



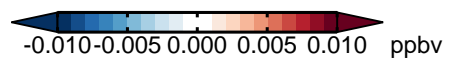
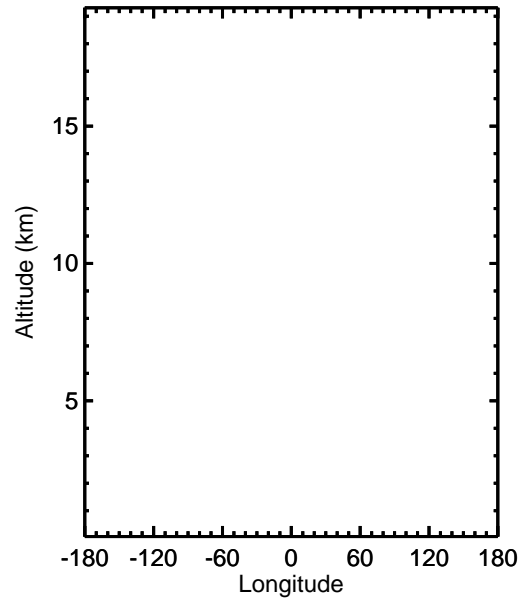
v11-01k-Run0 - v11-01g-Run0  
HOBr - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HOBr - Diff along 15S for Oct

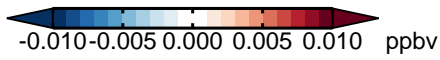
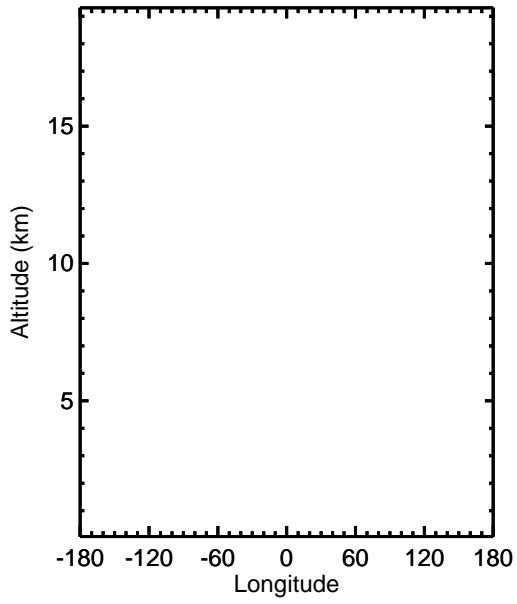


v11-01k-Run0 - v11-01f-geosfp-Run0  
HOBr - Diff along 42N for Oct

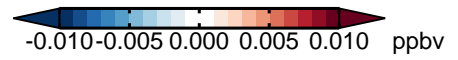
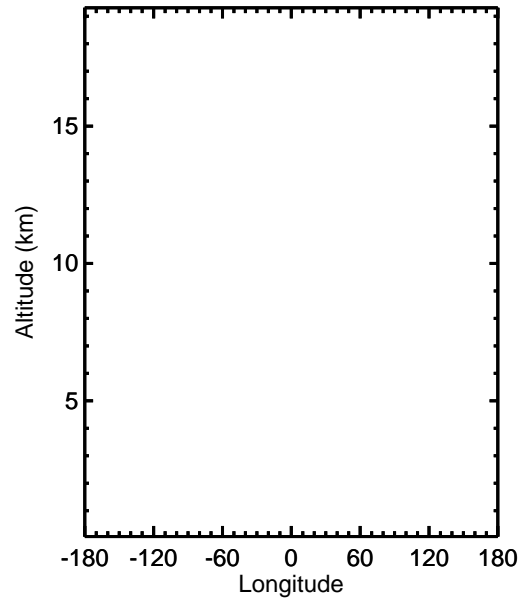


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

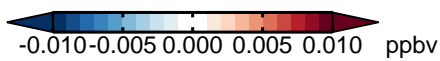
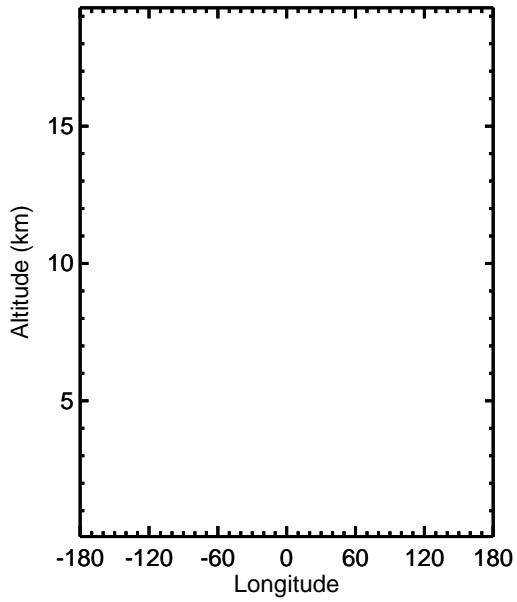
v11-01k-Run0 - v11-01g-Run0  
HBr - Diff along 15S for Oct



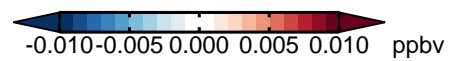
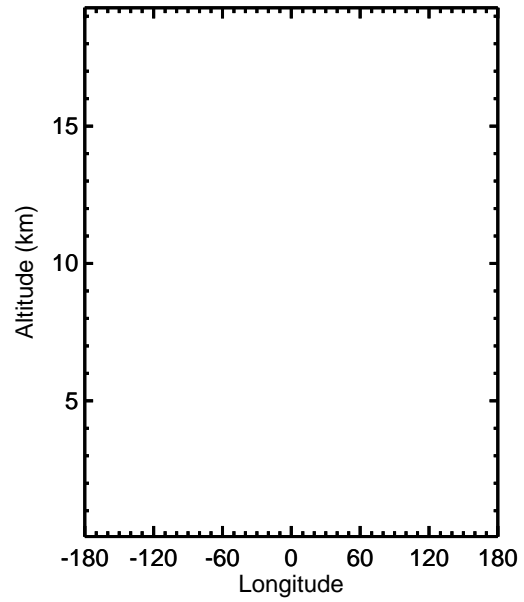
v11-01k-Run0 - v11-01g-Run0  
HBr - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HBr - Diff along 15S for Oct



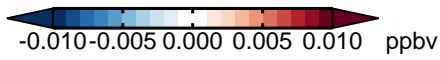
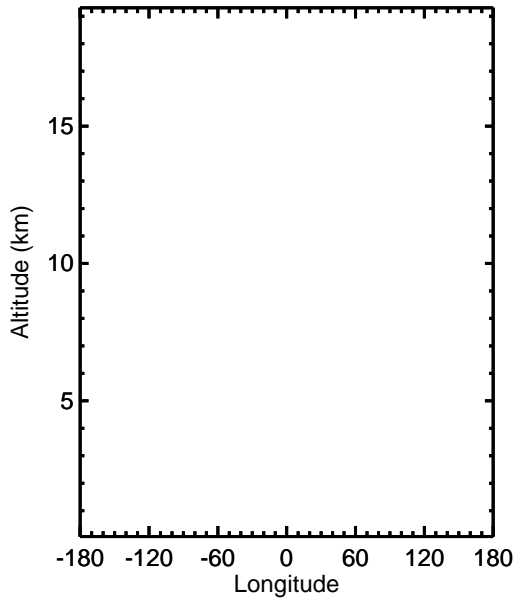
v11-01k-Run0 - v11-01f-geosfp-Run0  
HBr - Diff along 42N for Oct



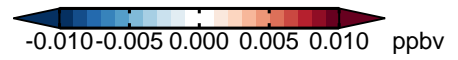
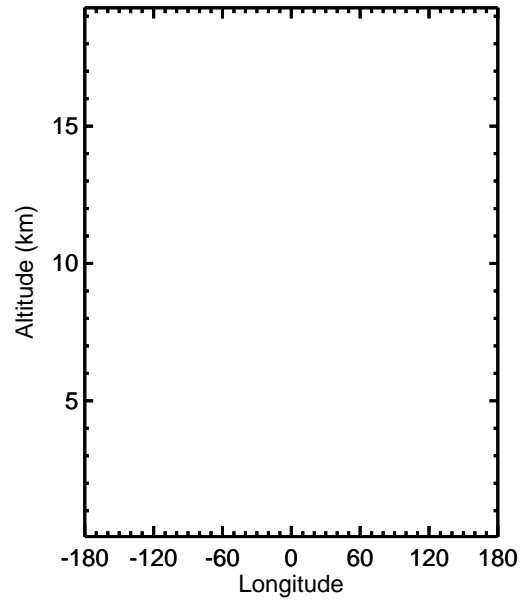


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

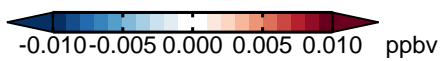
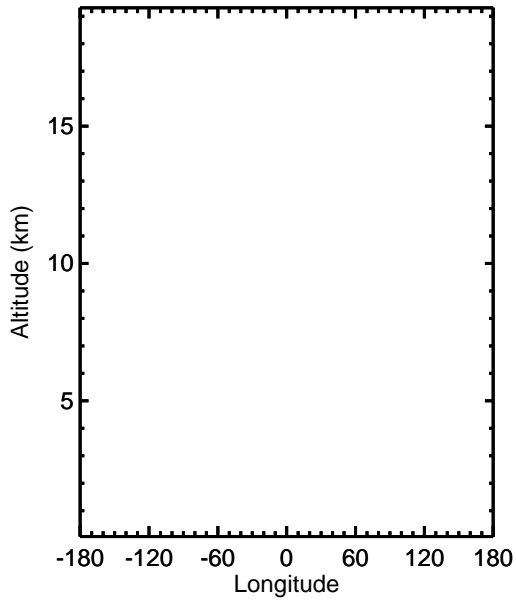
v11-01k-Run0 - v11-01g-Run0  
BrNO2 - Diff along 15S for Oct



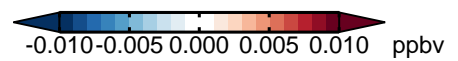
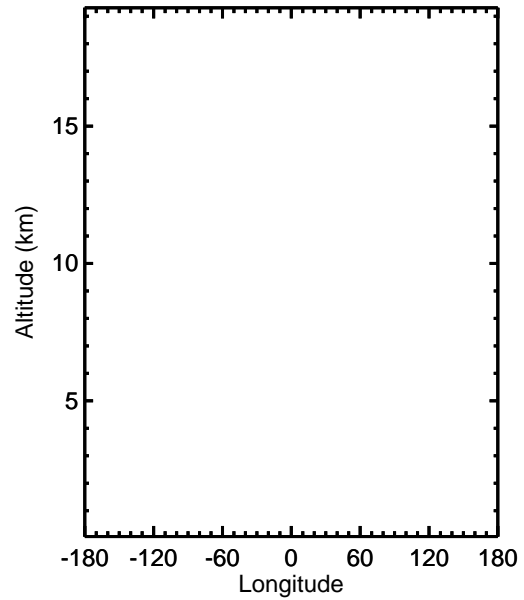
v11-01k-Run0 - v11-01g-Run0  
BrNO2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BrNO2 - Diff along 15S for Oct

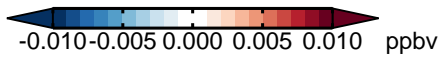
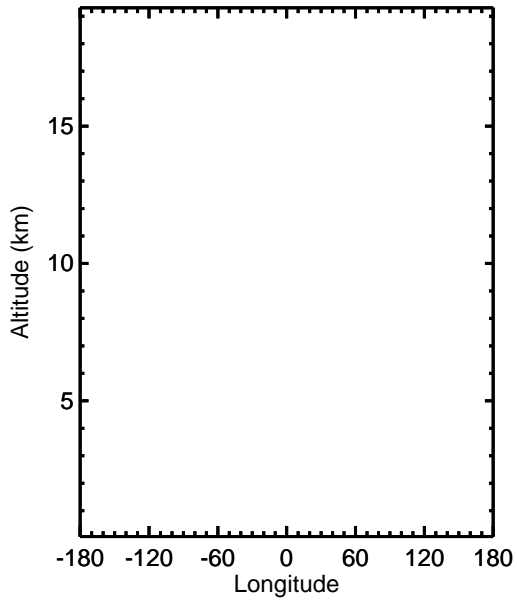


v11-01k-Run0 - v11-01f-geosfp-Run0  
BrNO2 - Diff along 42N for Oct

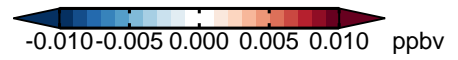
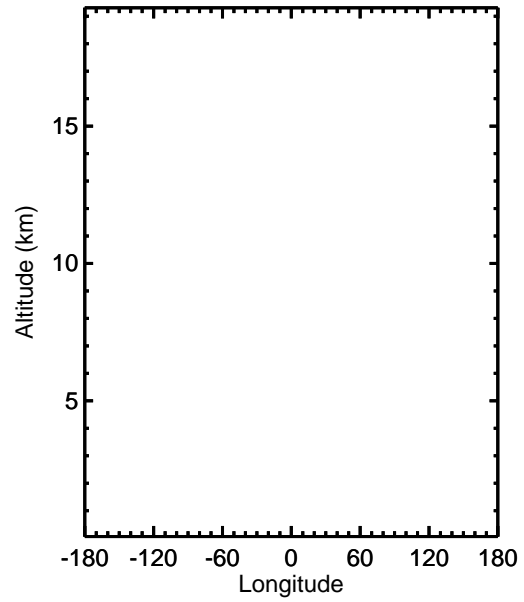


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

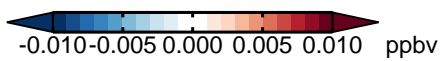
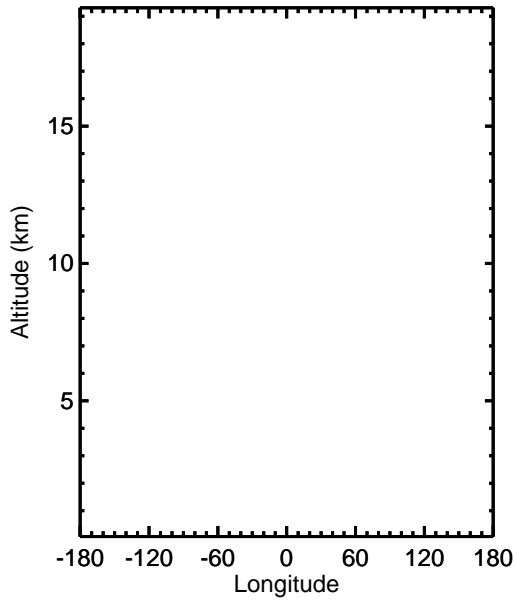
v11-01k-Run0 - v11-01g-Run0  
BrNO3 - Diff along 15S for Oct



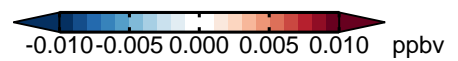
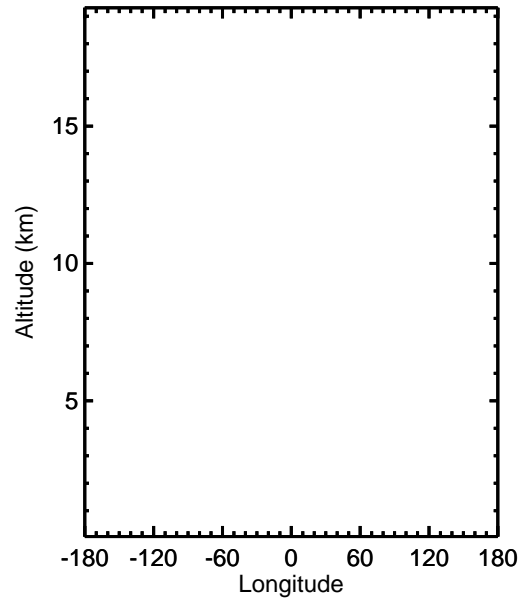
v11-01k-Run0 - v11-01g-Run0  
BrNO3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BrNO3 - Diff along 15S for Oct

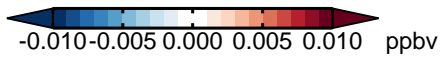
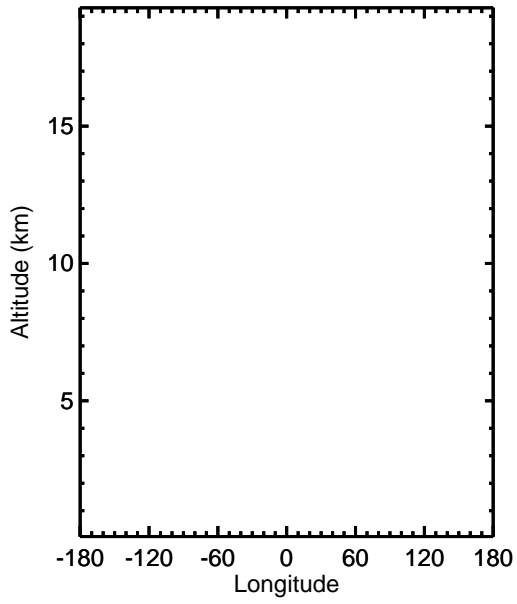


v11-01k-Run0 - v11-01f-geosfp-Run0  
BrNO3 - Diff along 42N for Oct

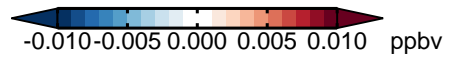
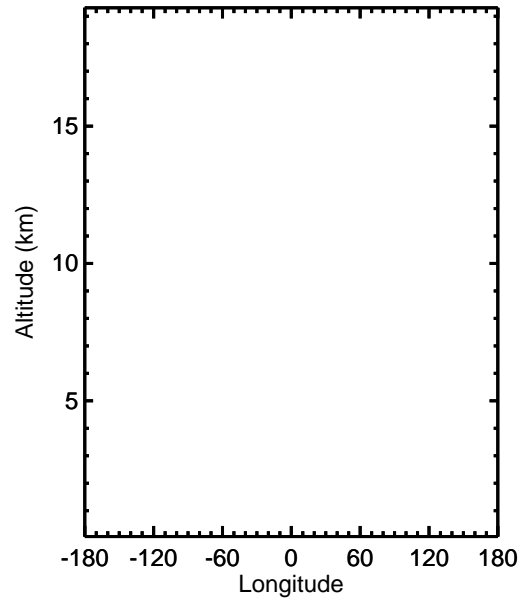


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

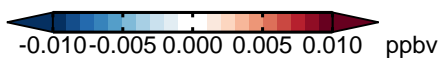
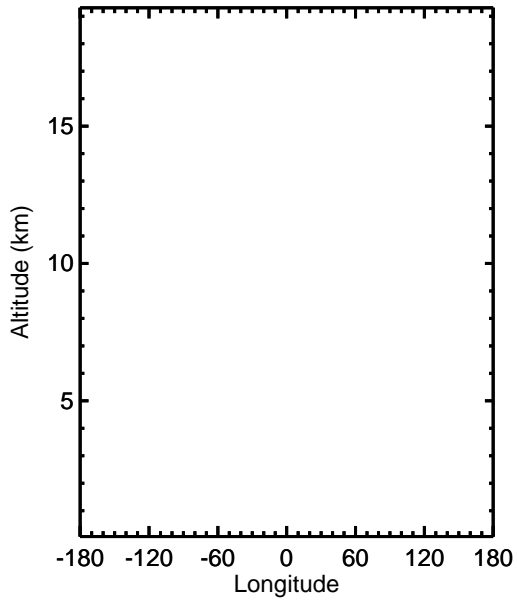
v11-01k-Run0 - v11-01g-Run0  
CHBr3 - Diff along 15S for Oct



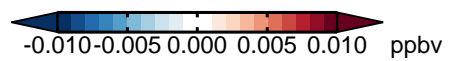
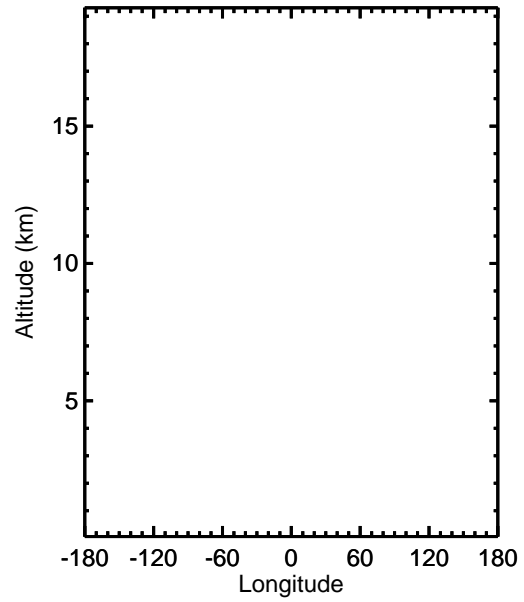
v11-01k-Run0 - v11-01g-Run0  
CHBr3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CHBr3 - Diff along 15S for Oct

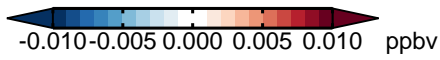
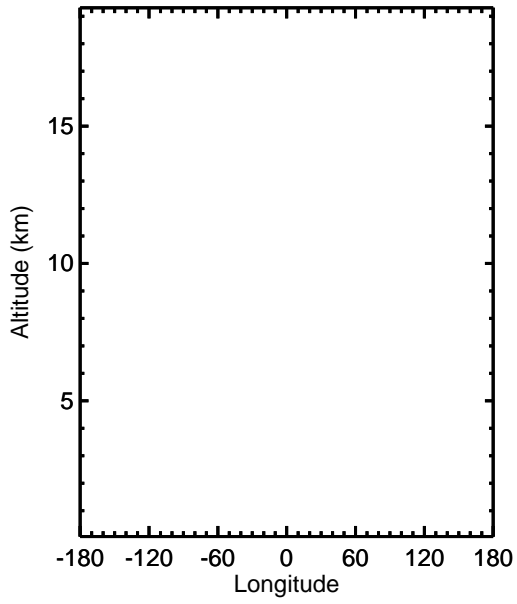


v11-01k-Run0 - v11-01f-geosfp-Run0  
CHBr3 - Diff along 42N for Oct

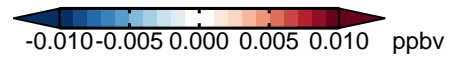
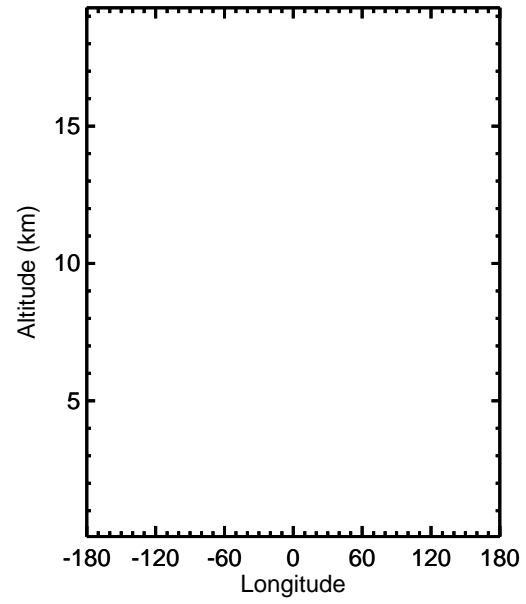


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

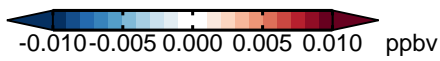
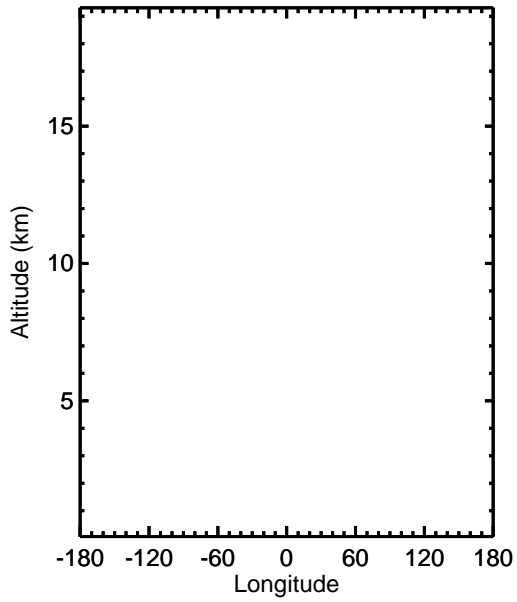
v11-01k-Run0 - v11-01g-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff along 15S for Oct



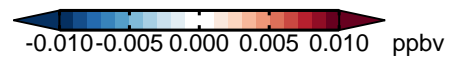
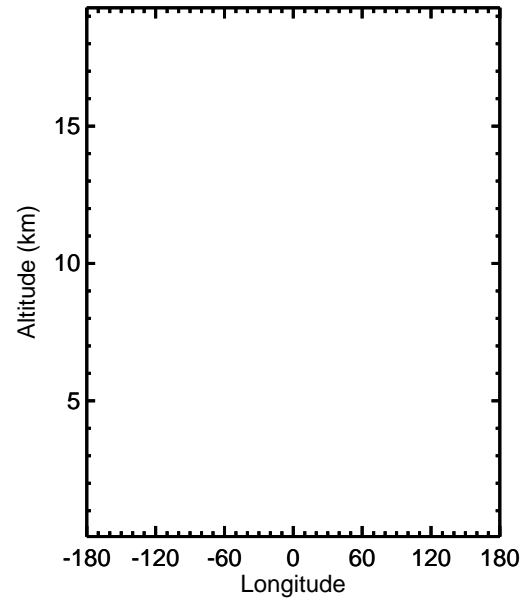
v11-01k-Run0 - v11-01g-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff along 15S for Oct

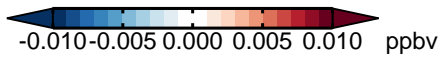
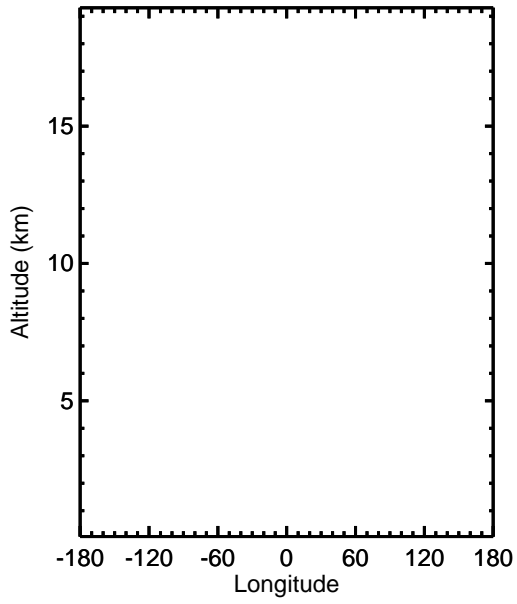


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>2</sub>Br<sub>2</sub> - Diff along 42N for Oct

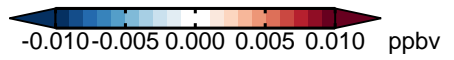
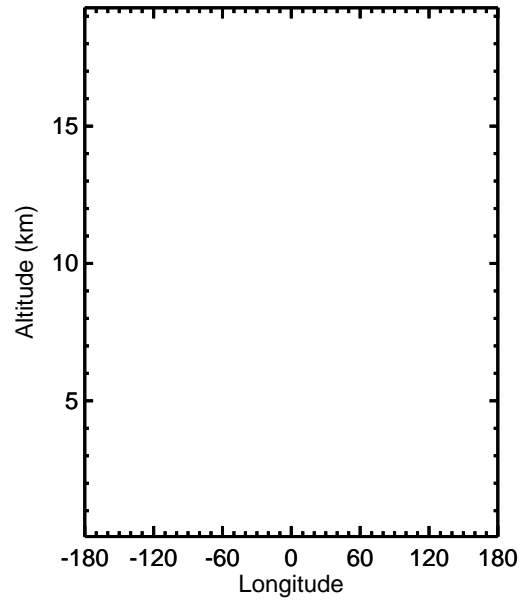


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

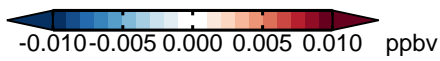
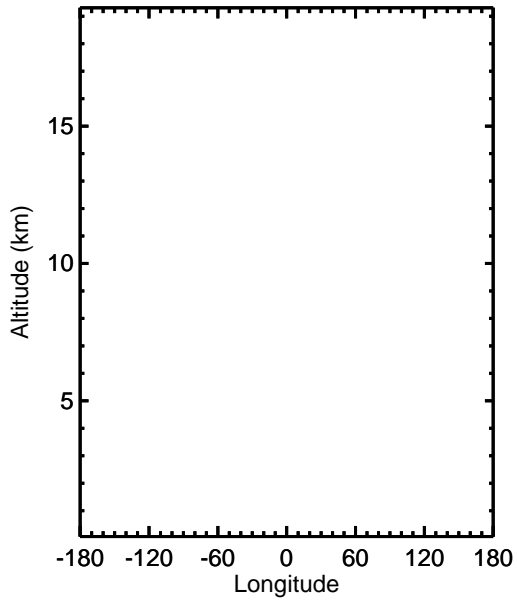
v11-01k-Run0 - v11-01g-Run0  
CH3Br - Diff along 15S for Oct



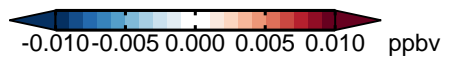
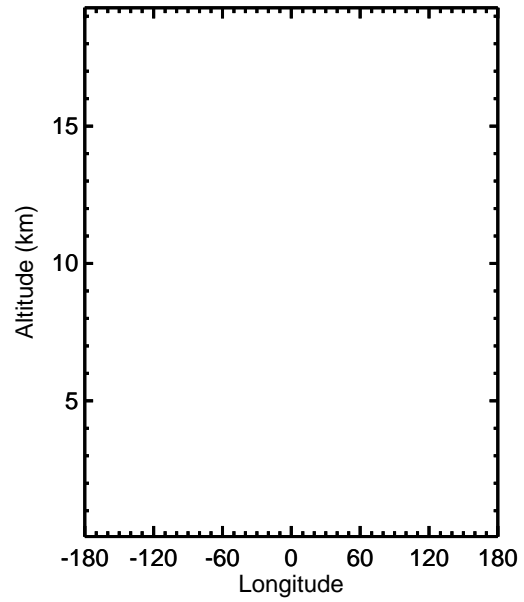
v11-01k-Run0 - v11-01g-Run0  
CH3Br - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH3Br - Diff along 15S for Oct

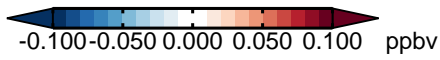
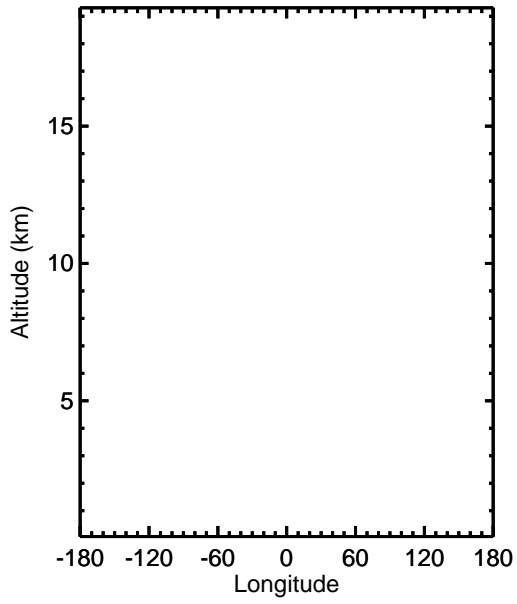


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH3Br - Diff along 42N for Oct

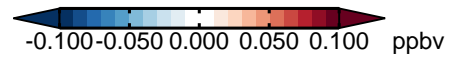
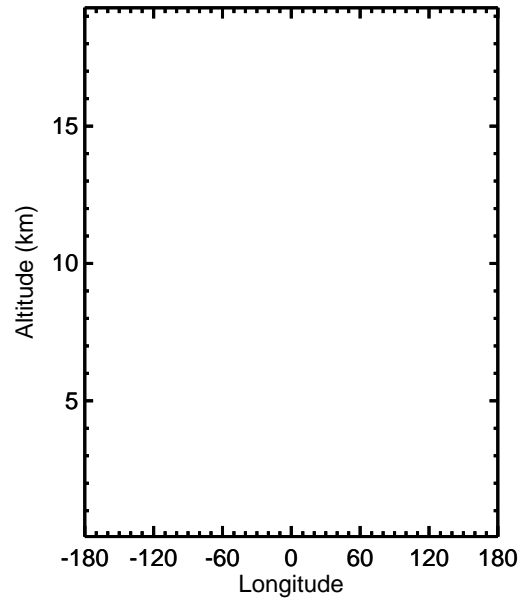


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

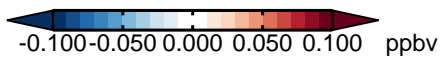
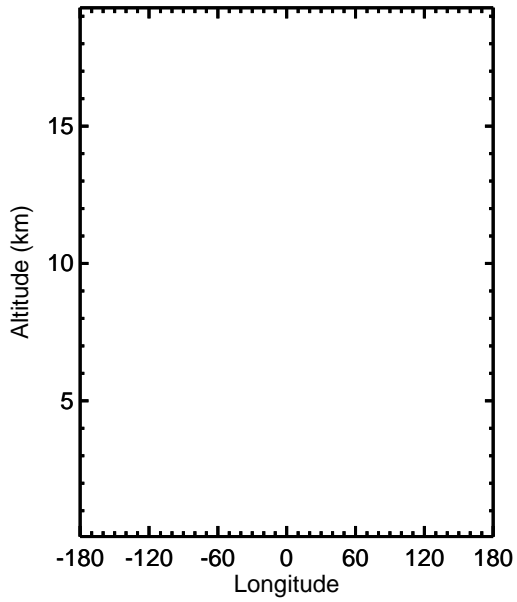
v11-01k-Run0 - v11-01g-Run0  
MPN - Diff along 15S for Oct



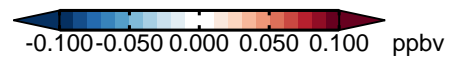
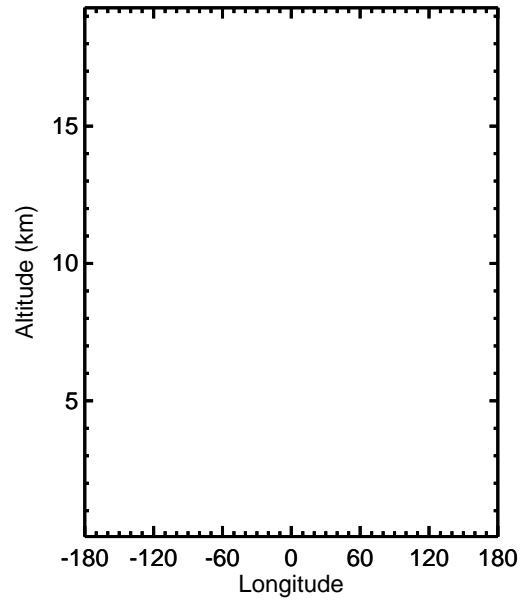
v11-01k-Run0 - v11-01g-Run0  
MPN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MPN - Diff along 15S for Oct



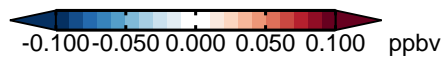
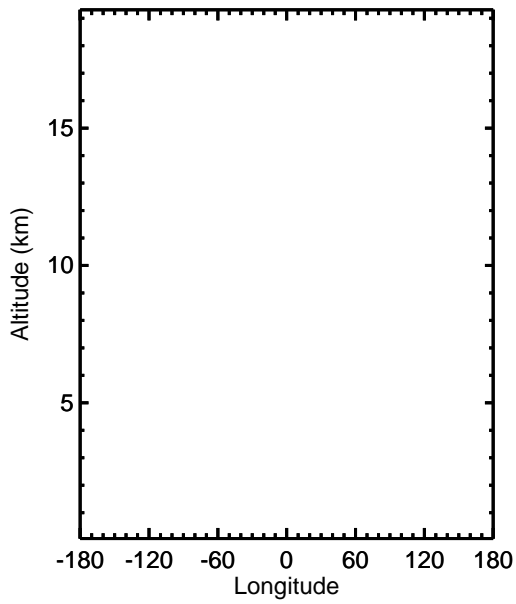
v11-01k-Run0 - v11-01f-geosfp-Run0  
MPN - Diff along 42N for Oct



# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

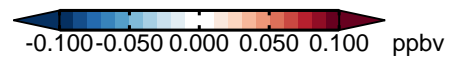
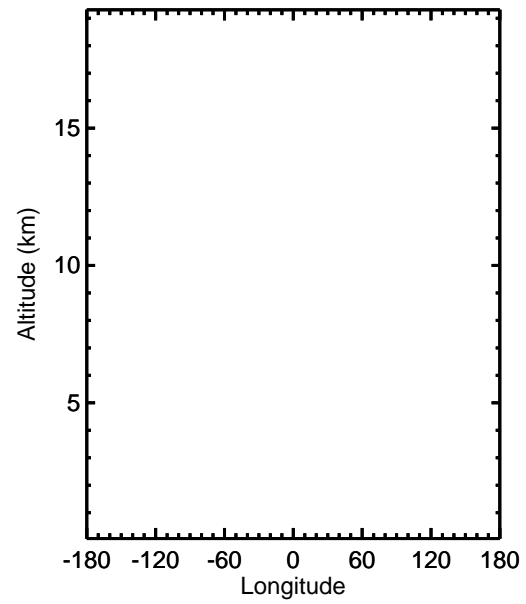
v11-01k-Run0 - v11-01g-Run0

ISOPND - Diff along 15S for Oct



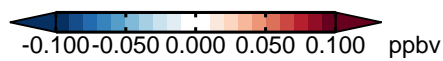
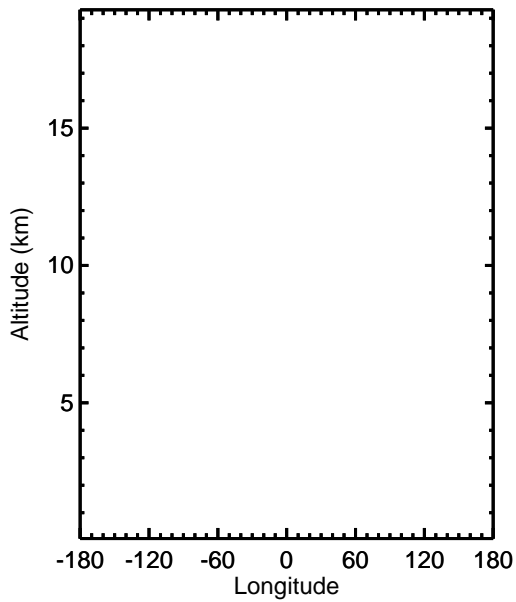
v11-01k-Run0 - v11-01g-Run0

ISOPND - Diff along 42N for Oct



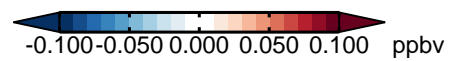
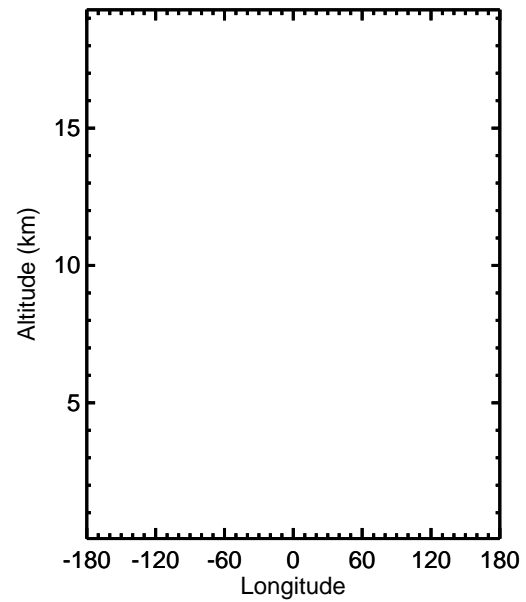
v11-01k-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff along 15S for Oct



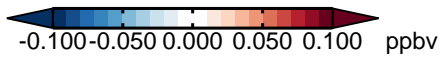
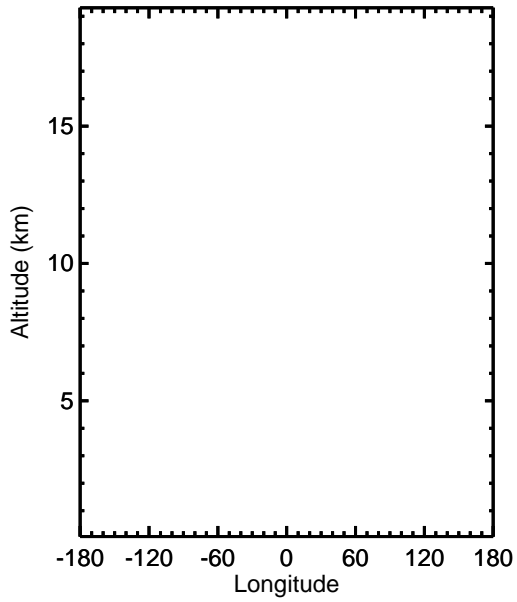
v11-01k-Run0 - v11-01f-geosfp-Run0

ISOPND - Diff along 42N for Oct

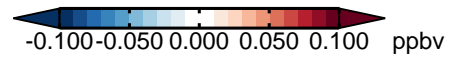
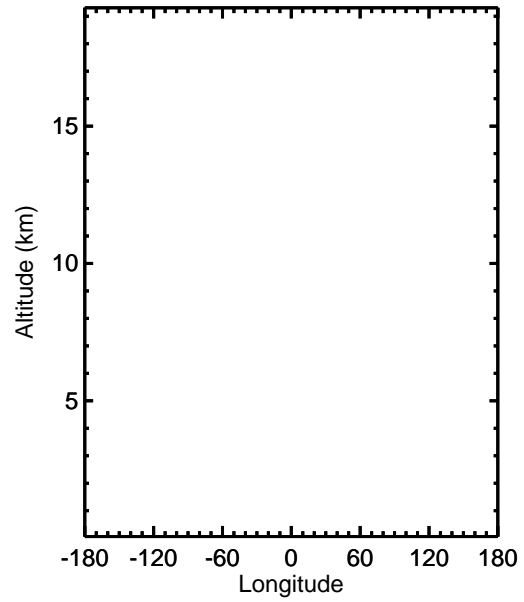


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

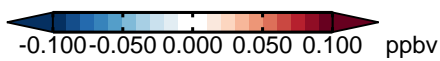
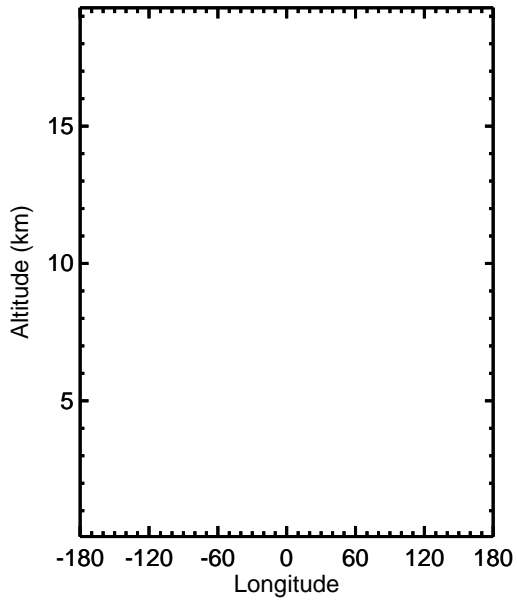
v11-01k-Run0 - v11-01g-Run0  
ISOPNB - Diff along 15S for Oct



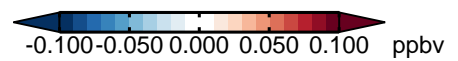
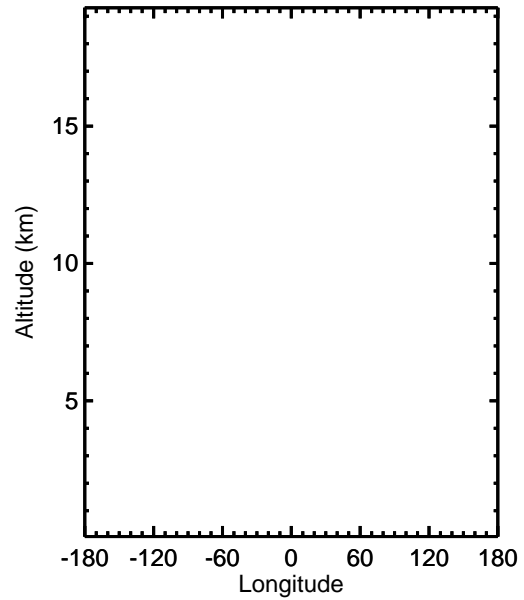
v11-01k-Run0 - v11-01g-Run0  
ISOPNB - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ISOPNB - Diff along 15S for Oct



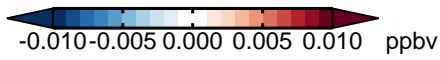
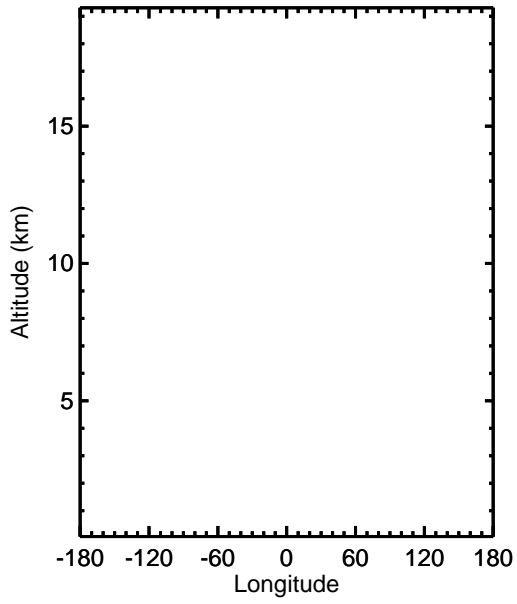
v11-01k-Run0 - v11-01f-geosfp-Run0  
ISOPNB - Diff along 42N for Oct



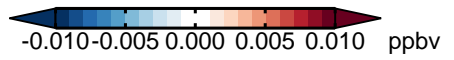
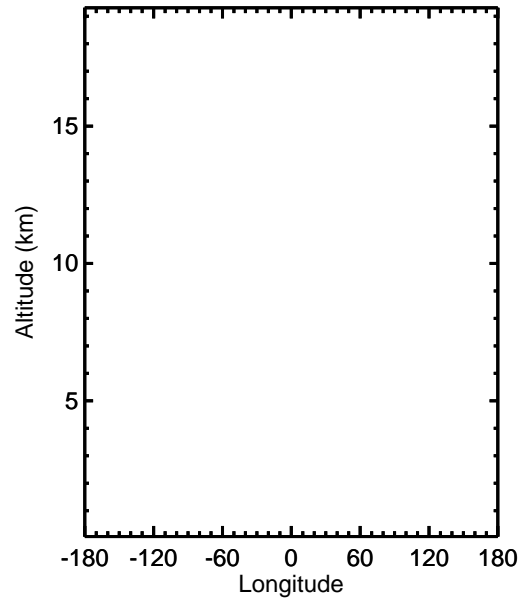


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

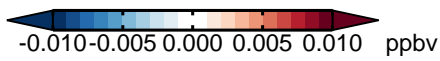
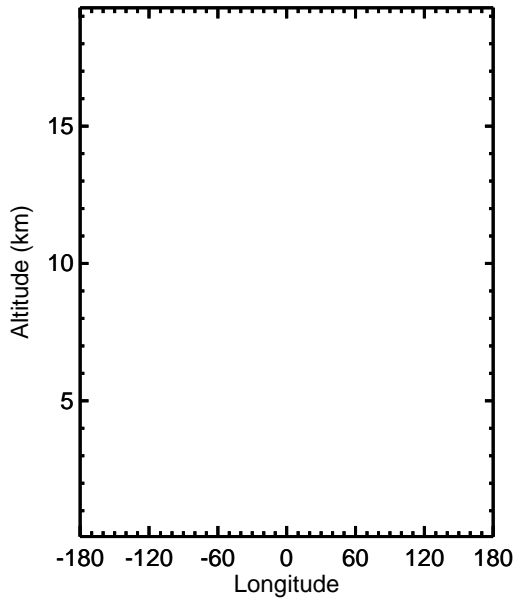
v11-01k-Run0 - v11-01g-Run0  
MOBA - Diff along 15S for Oct



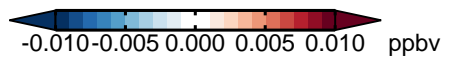
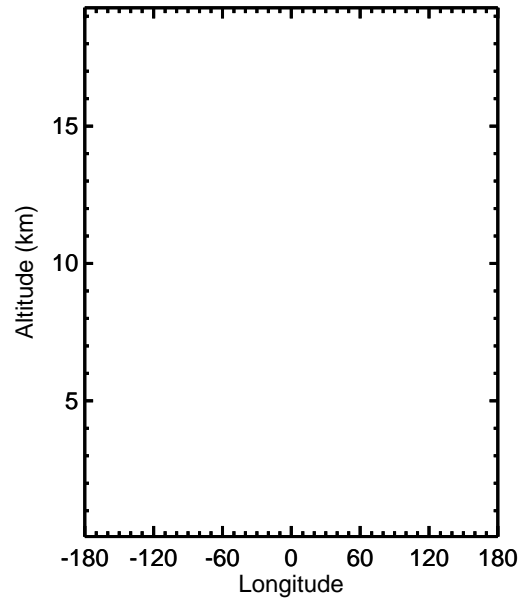
v11-01k-Run0 - v11-01g-Run0  
MOBA - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MOBA - Diff along 15S for Oct

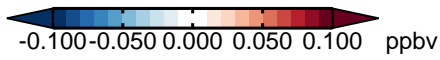
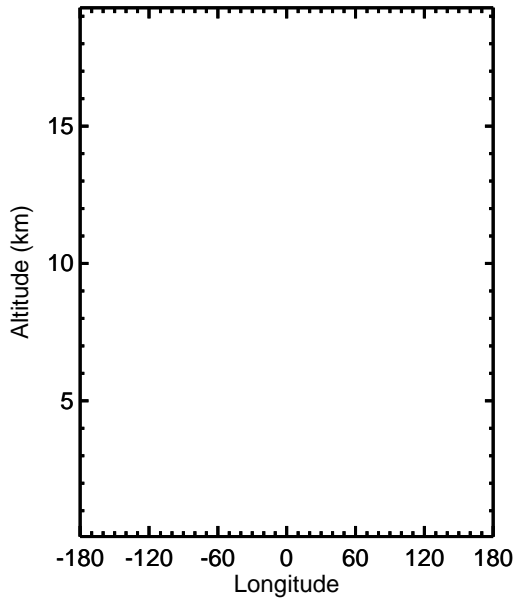


v11-01k-Run0 - v11-01f-geosfp-Run0  
MOBA - Diff along 42N for Oct

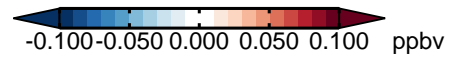
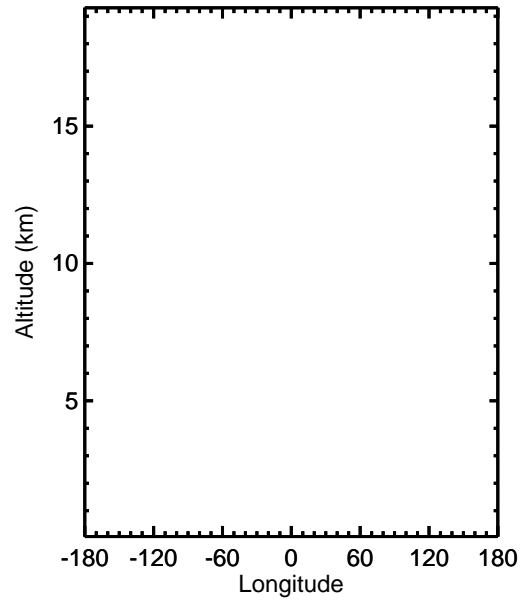


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

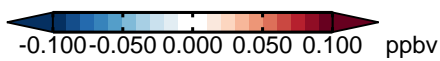
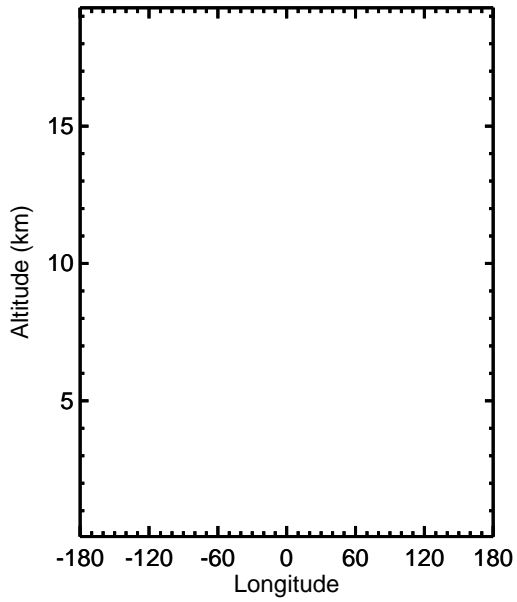
v11-01k-Run0 - v11-01g-Run0  
PROPNN - Diff along 15S for Oct



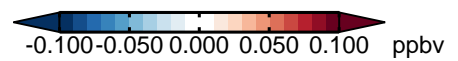
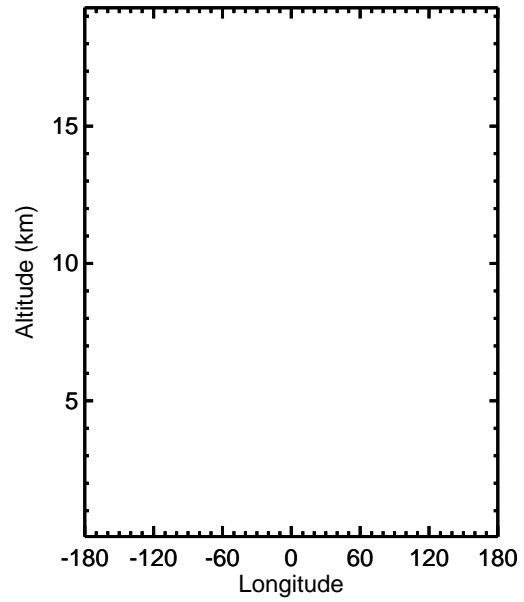
v11-01k-Run0 - v11-01g-Run0  
PROPNN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
PROPNN - Diff along 15S for Oct

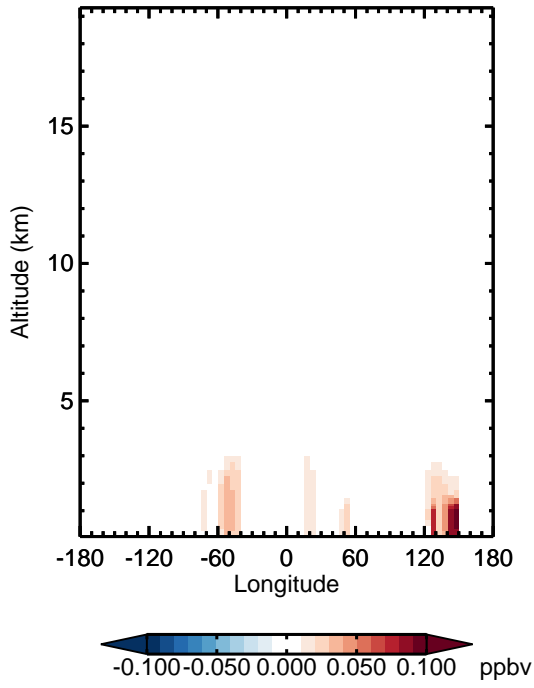


v11-01k-Run0 - v11-01f-geosfp-Run0  
PROPNN - Diff along 42N for Oct

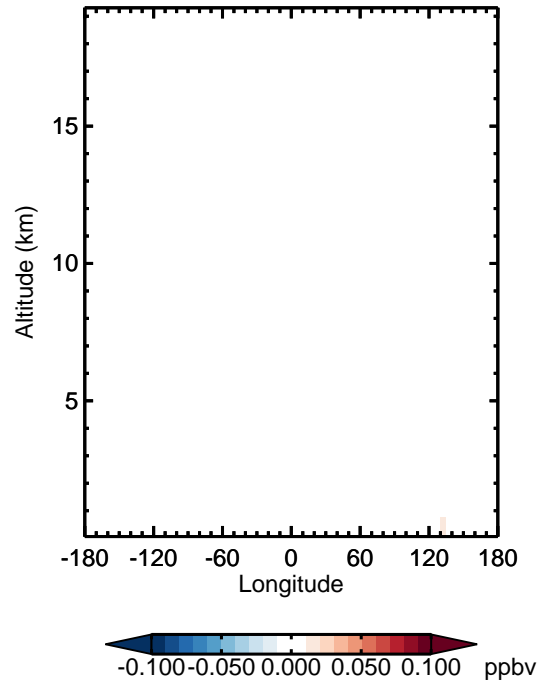


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

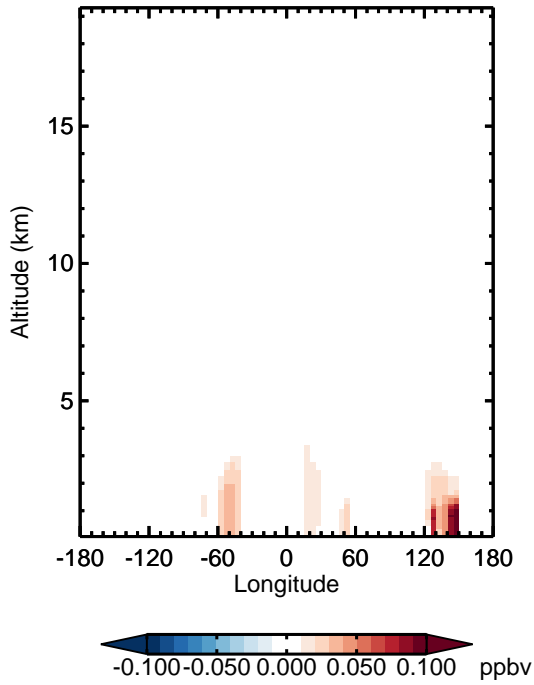
v11-01k-Run0 - v11-01g-Run0  
HAC - Diff along 15S for Oct



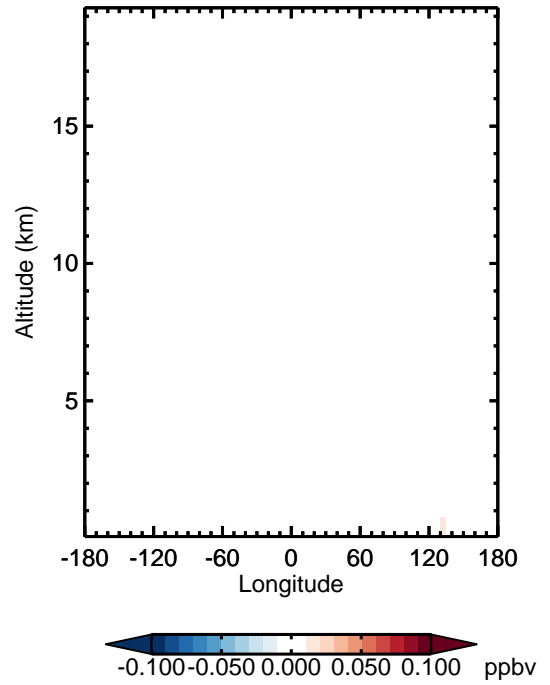
v11-01k-Run0 - v11-01g-Run0  
HAC - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HAC - Diff along 15S for Oct

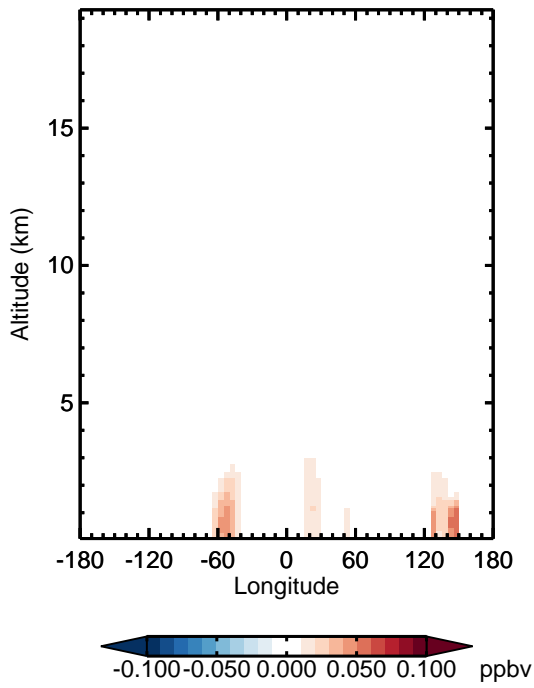


v11-01k-Run0 - v11-01f-geosfp-Run0  
HAC - Diff along 42N for Oct

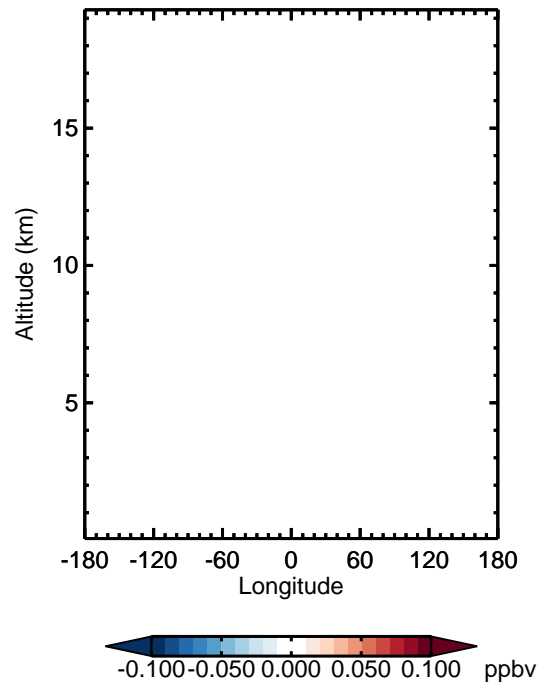


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

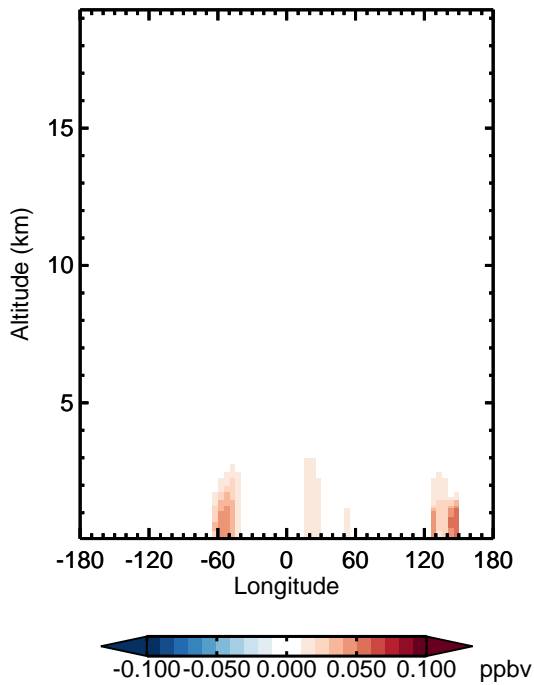
v11-01k-Run0 - v11-01g-Run0  
GLYC - Diff along 15S for Oct



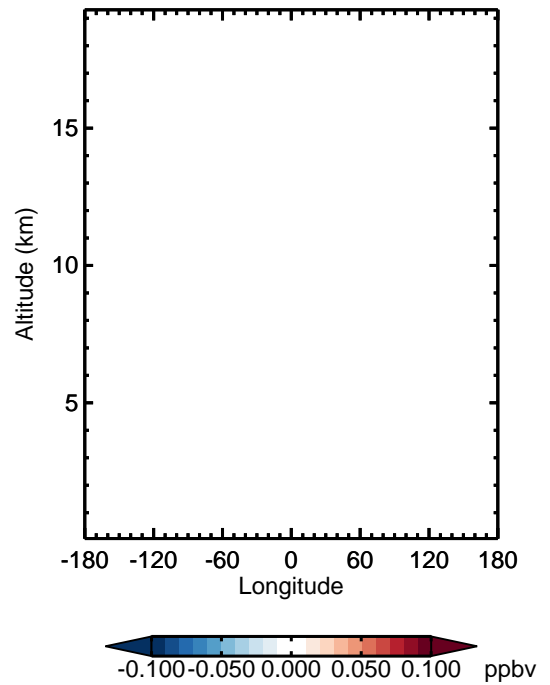
v11-01k-Run0 - v11-01g-Run0  
GLYC - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
GLYC - Diff along 15S for Oct

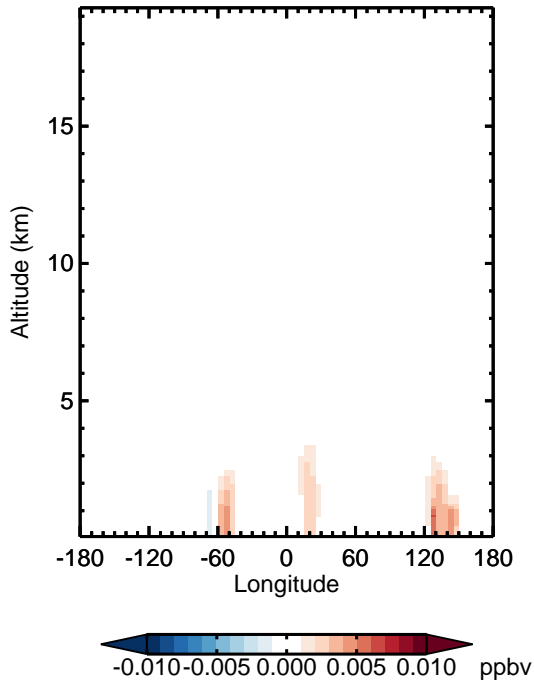


v11-01k-Run0 - v11-01f-geosfp-Run0  
GLYC - Diff along 42N for Oct

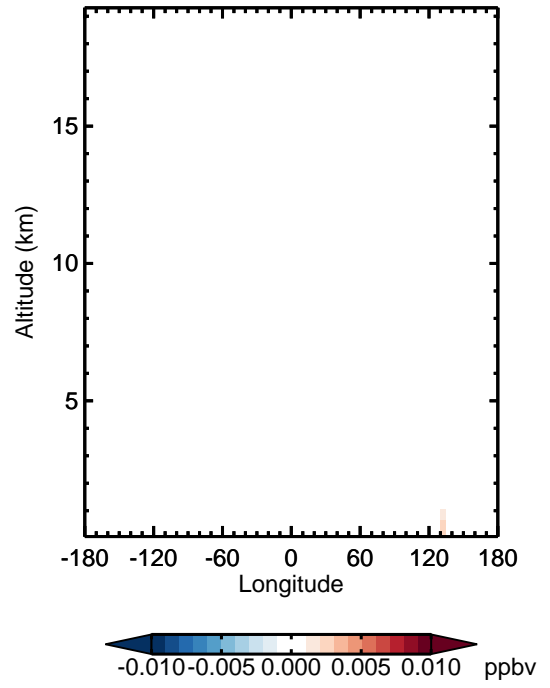


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

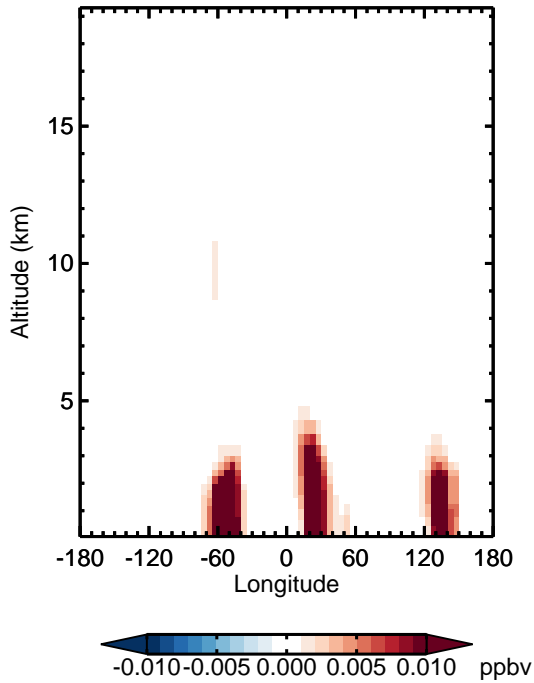
v11-01k-Run0 - v11-01g-Run0  
MVKN - Diff along 15S for Oct



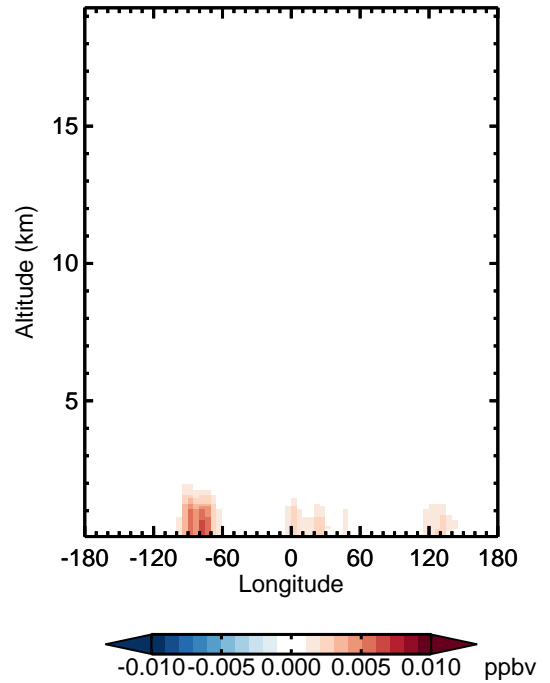
v11-01k-Run0 - v11-01g-Run0  
MVKN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MVKN - Diff along 15S for Oct

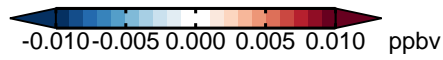
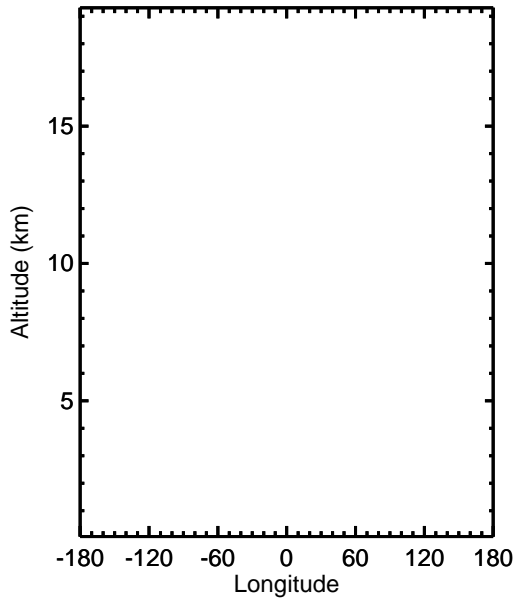


v11-01k-Run0 - v11-01f-geosfp-Run0  
MVKN - Diff along 42N for Oct

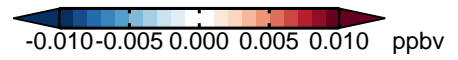
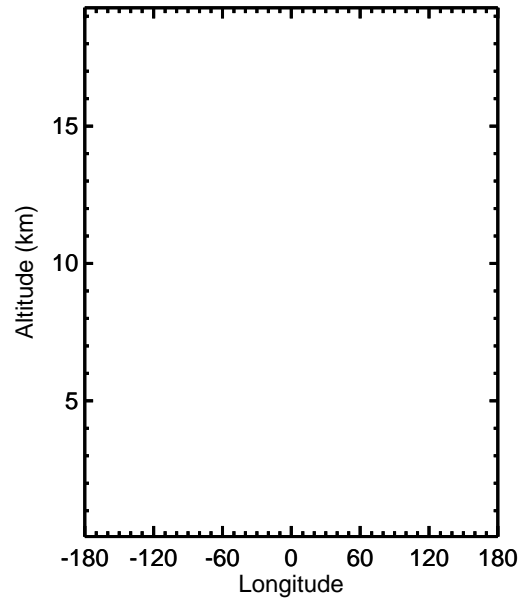


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

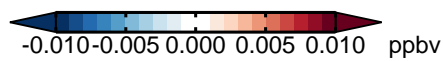
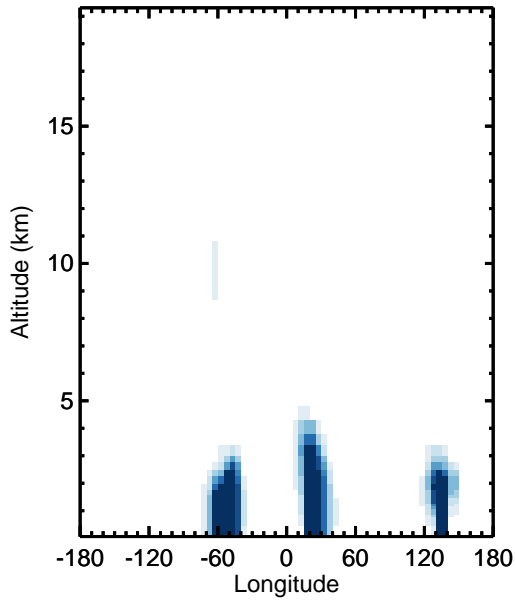
v11-01k-Run0 - v11-01g-Run0  
MACRN - Diff along 15S for Oct



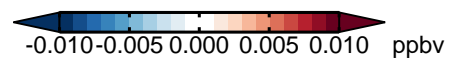
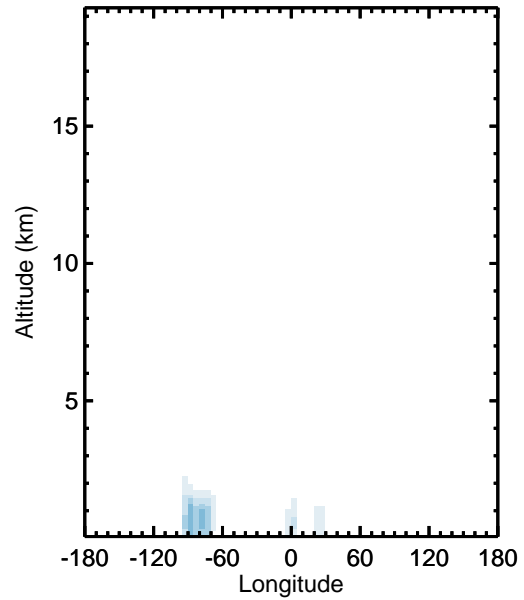
v11-01k-Run0 - v11-01g-Run0  
MACRN - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MACRN - Diff along 15S for Oct

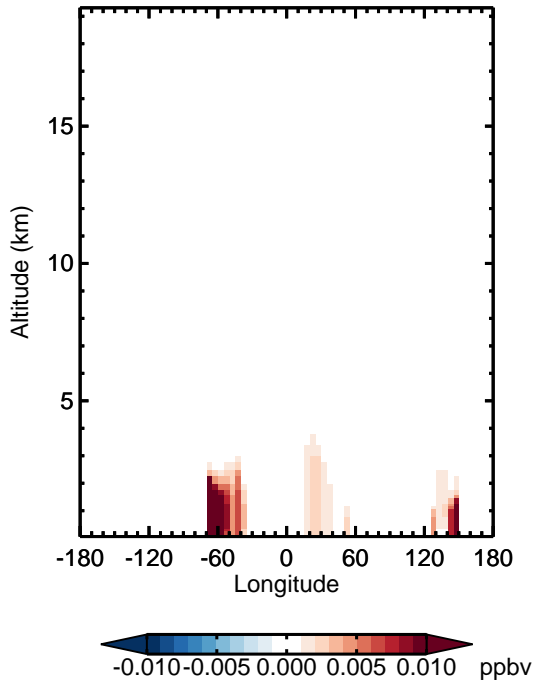


v11-01k-Run0 - v11-01f-geosfp-Run0  
MACRN - Diff along 42N for Oct

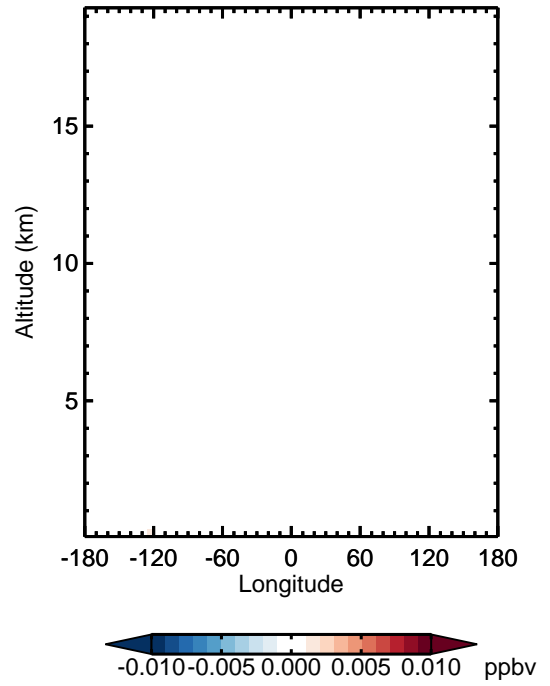


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

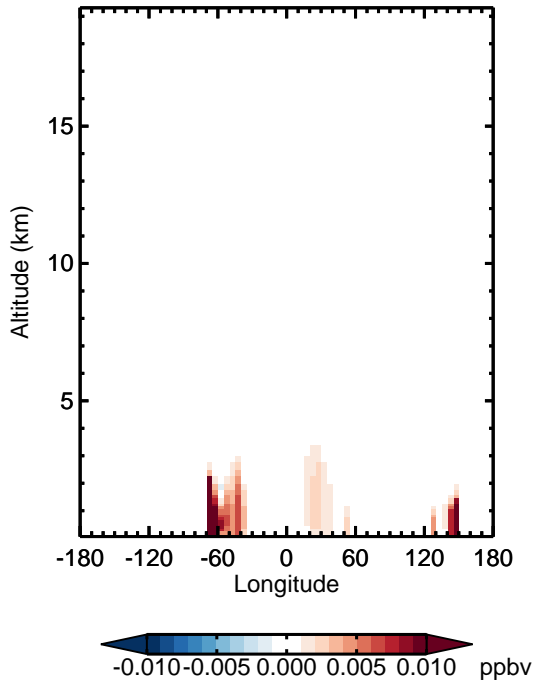
v11-01k-Run0 - v11-01g-Run0  
RIP - Diff along 15S for Oct



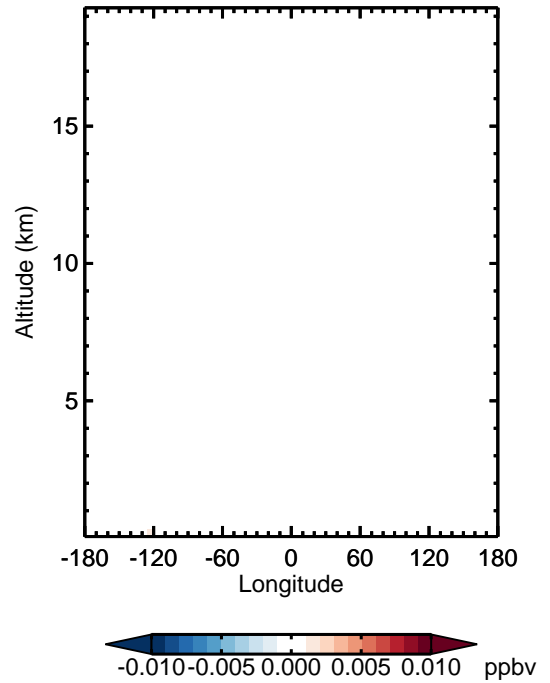
v11-01k-Run0 - v11-01g-Run0  
RIP - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
RIP - Diff along 15S for Oct

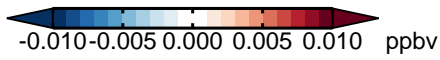
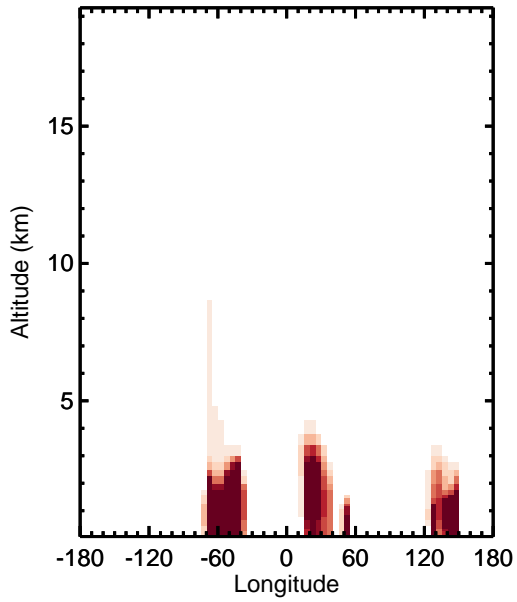


v11-01k-Run0 - v11-01f-geosfp-Run0  
RIP - Diff along 42N for Oct

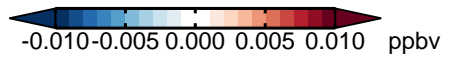
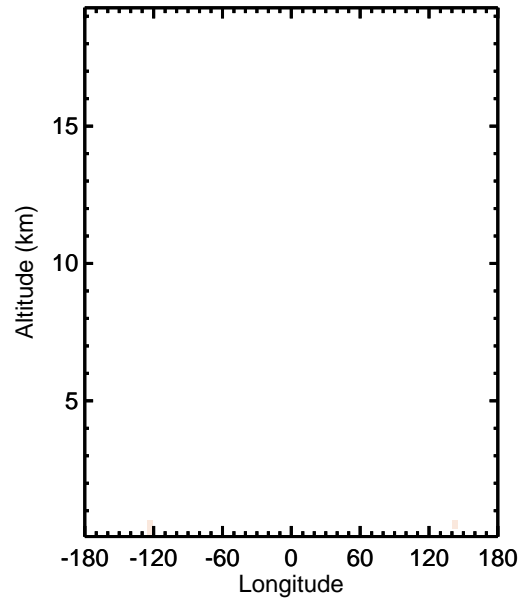


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

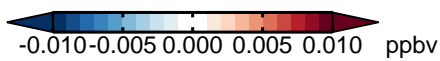
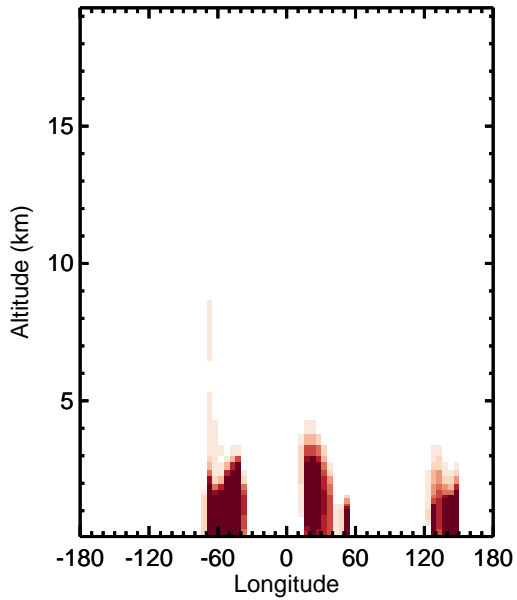
v11-01k-Run0 - v11-01g-Run0  
IEPOX - Diff along 15S for Oct



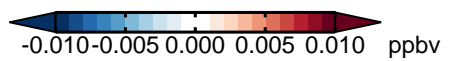
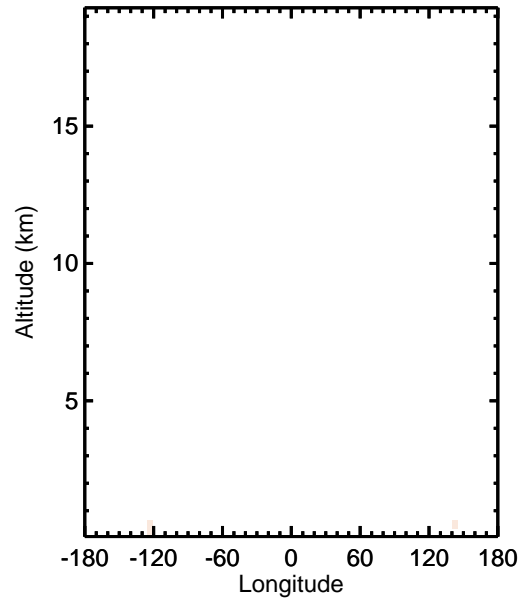
v11-01k-Run0 - v11-01g-Run0  
IEPOX - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
IEPOX - Diff along 15S for Oct



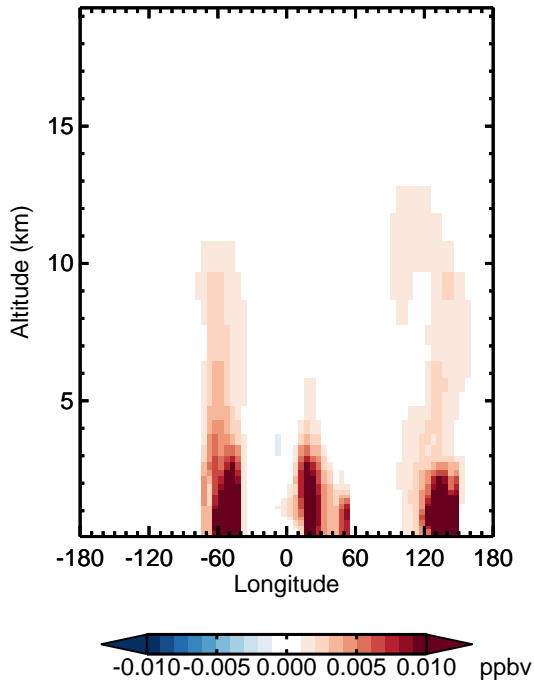
v11-01k-Run0 - v11-01f-geosfp-Run0  
IEPOX - Diff along 42N for Oct



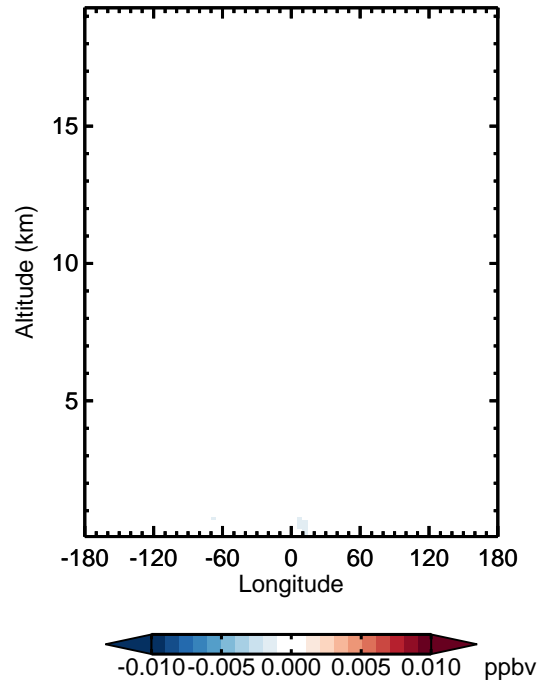


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

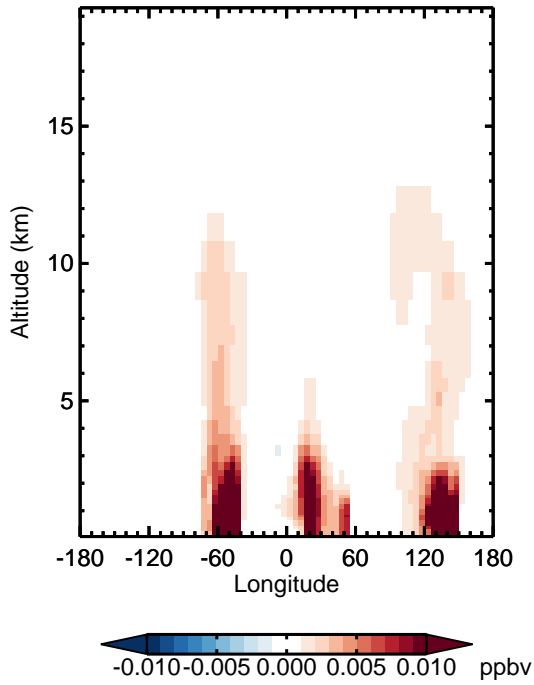
v11-01k-Run0 - v11-01g-Run0  
MAP - Diff along 15S for Oct



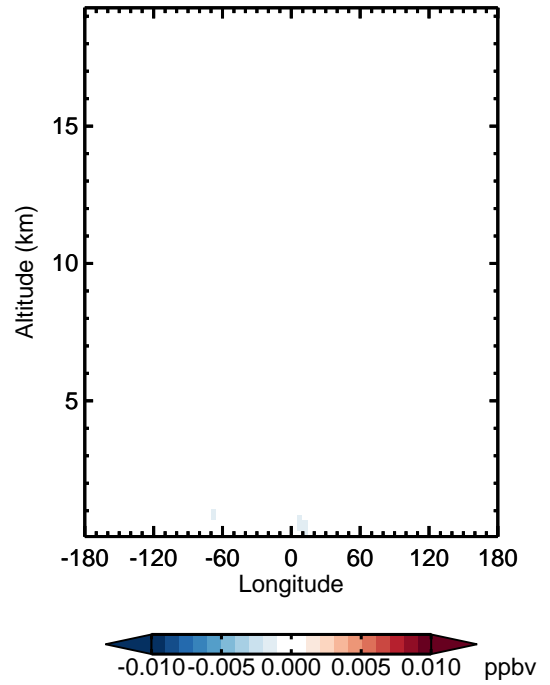
v11-01k-Run0 - v11-01g-Run0  
MAP - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
MAP - Diff along 15S for Oct

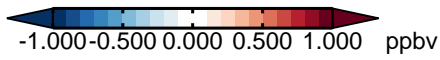
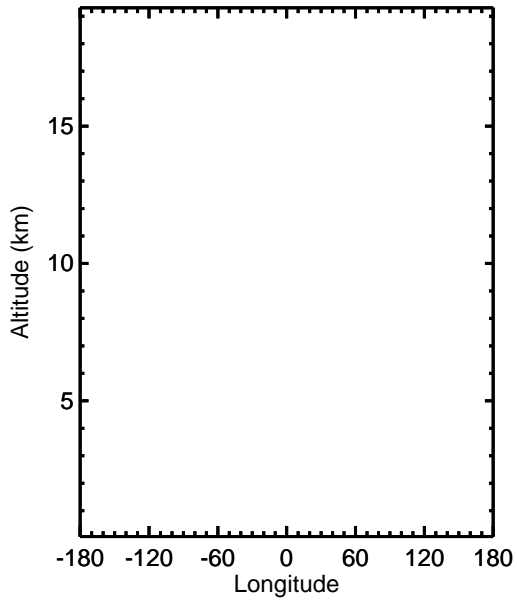


v11-01k-Run0 - v11-01f-geosfp-Run0  
MAP - Diff along 42N for Oct

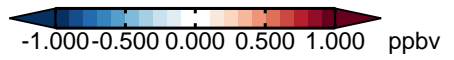
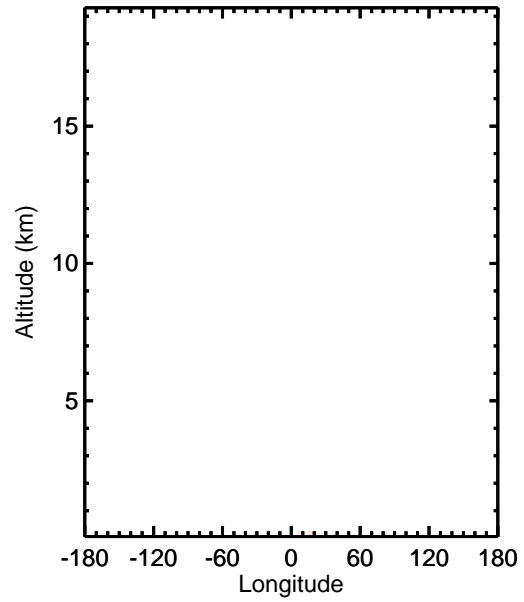


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

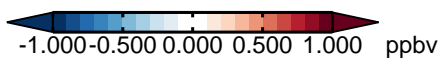
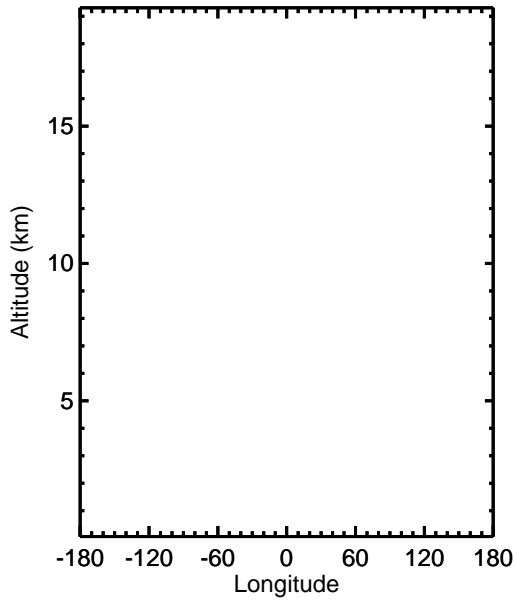
v11-01k-Run0 - v11-01g-Run0  
NO2 - Diff along 15S for Oct



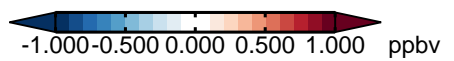
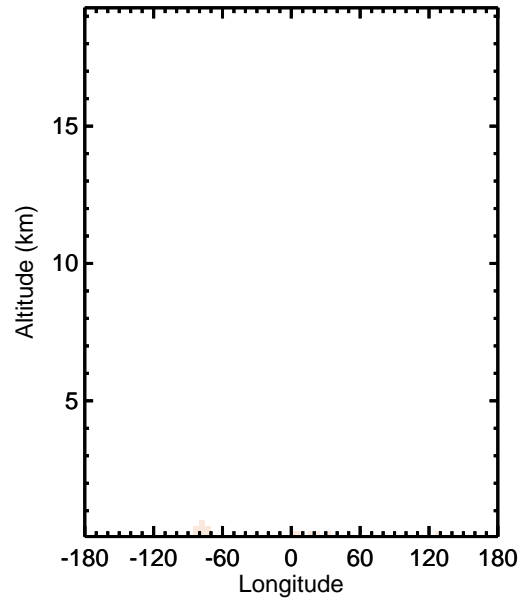
v11-01k-Run0 - v11-01g-Run0  
NO2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NO2 - Diff along 15S for Oct

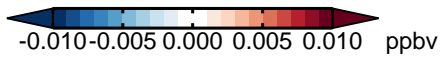
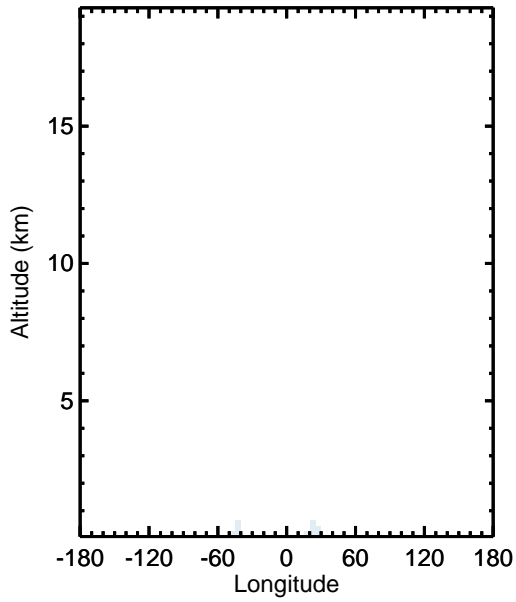


v11-01k-Run0 - v11-01f-geosfp-Run0  
NO2 - Diff along 42N for Oct

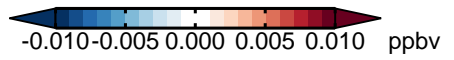
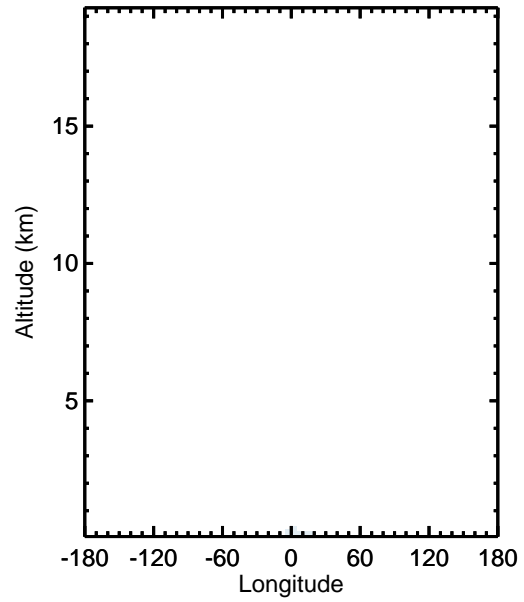


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

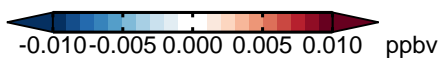
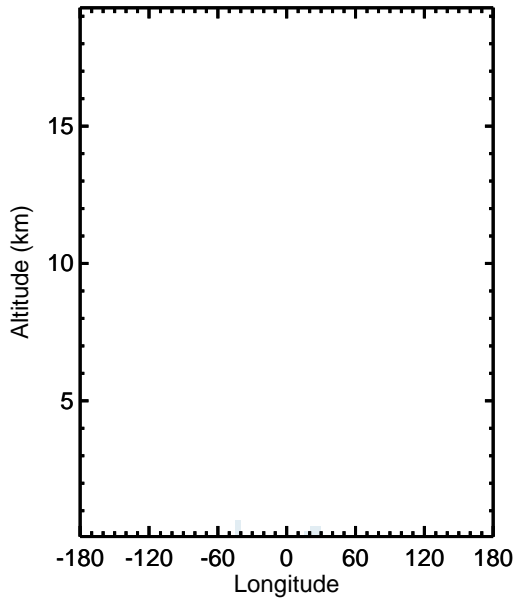
v11-01k-Run0 - v11-01g-Run0  
NO3 - Diff along 15S for Oct



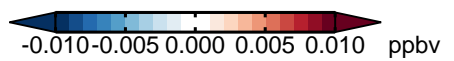
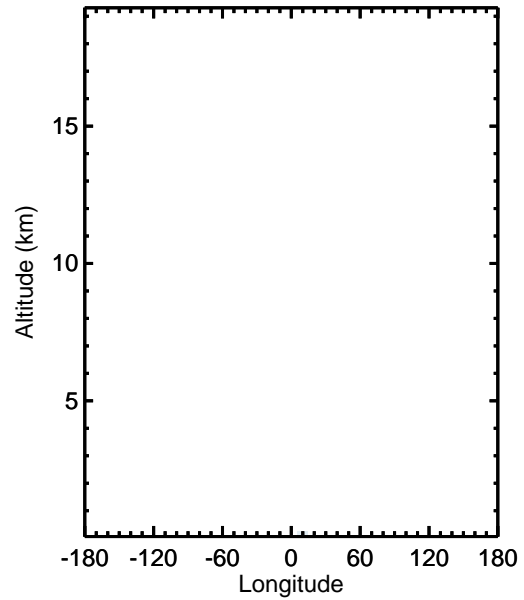
v11-01k-Run0 - v11-01g-Run0  
NO3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
NO3 - Diff along 15S for Oct

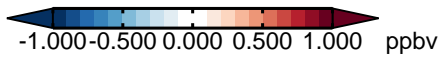
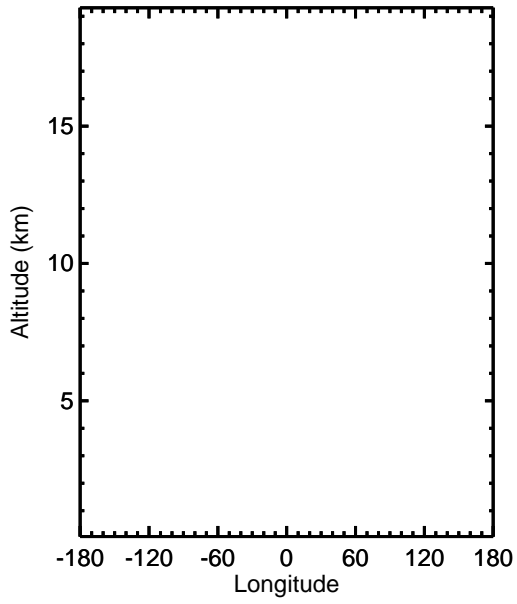


v11-01k-Run0 - v11-01f-geosfp-Run0  
NO3 - Diff along 42N for Oct

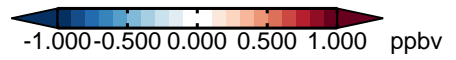
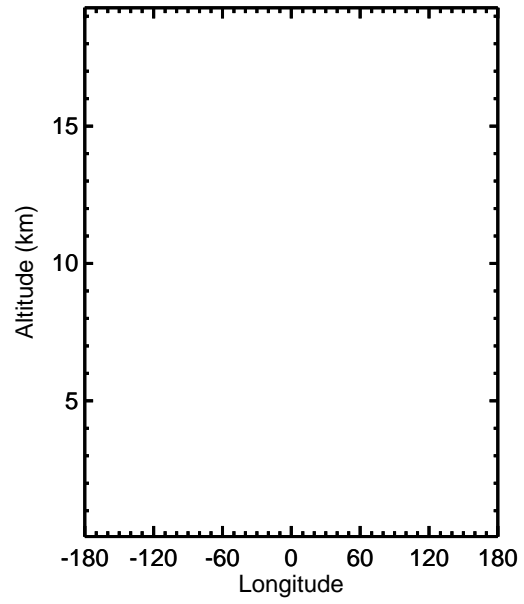


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

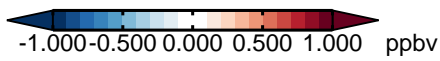
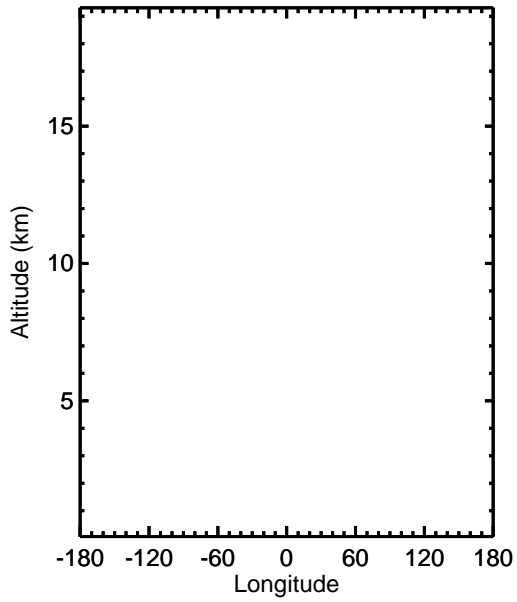
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>2</sub> - Diff along 15S for Oct



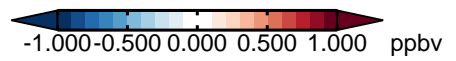
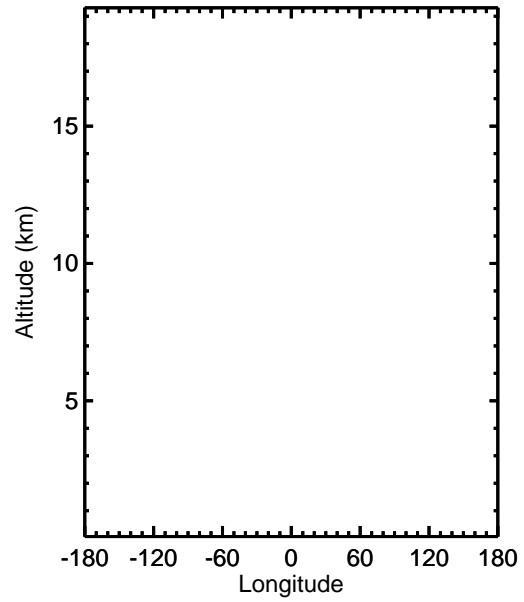
v11-01k-Run0 - v11-01g-Run0  
HNO<sub>2</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>2</sub> - Diff along 15S for Oct

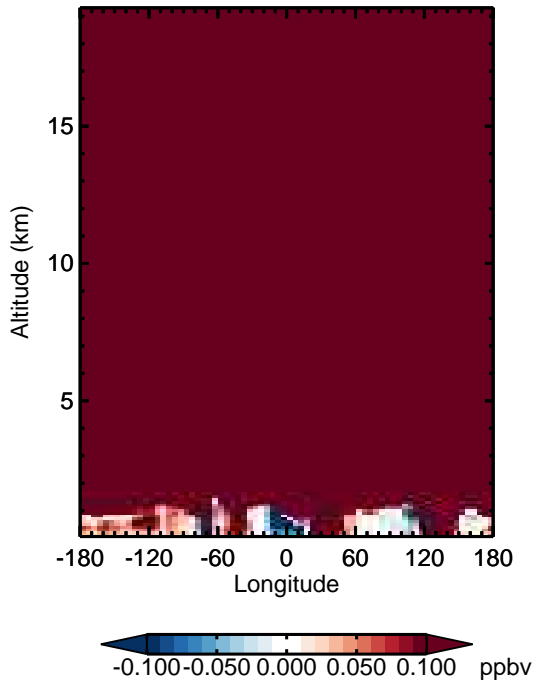


v11-01k-Run0 - v11-01f-geosfp-Run0  
HNO<sub>2</sub> - Diff along 42N for Oct

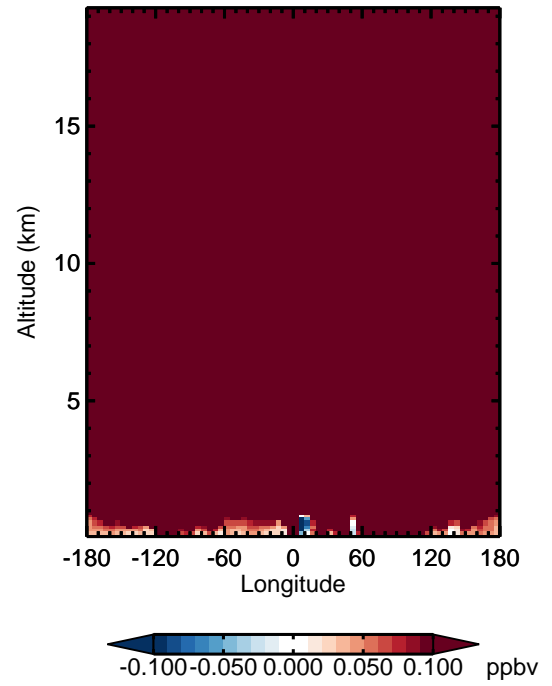


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

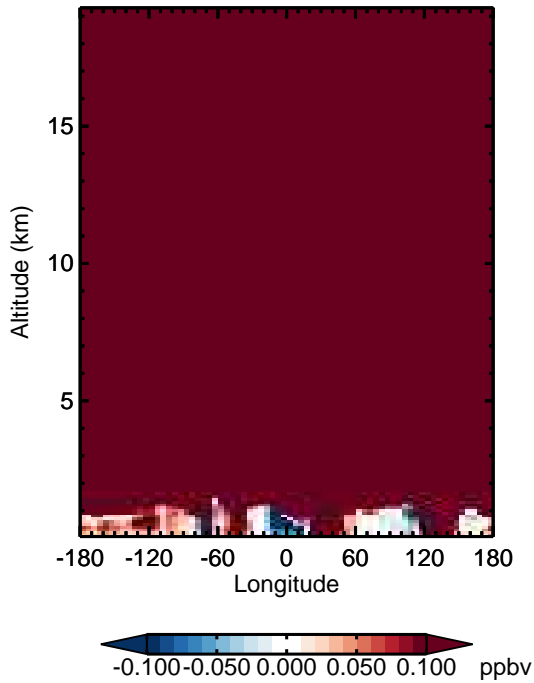
v11-01k-Run0 - v11-01g-Run0  
N2O - Diff along 15S for Oct



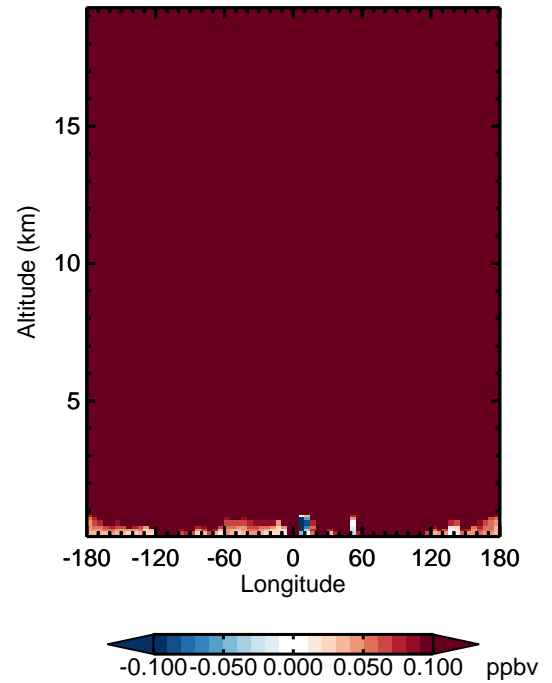
v11-01k-Run0 - v11-01g-Run0  
N2O - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
N2O - Diff along 15S for Oct

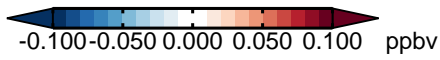
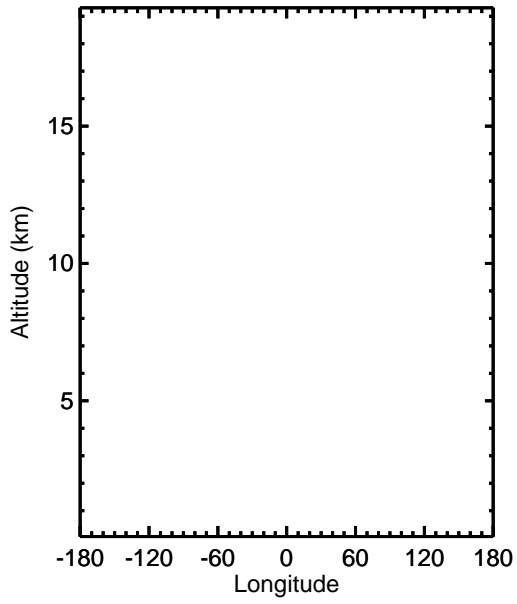


v11-01k-Run0 - v11-01f-geosfp-Run0  
N2O - Diff along 42N for Oct

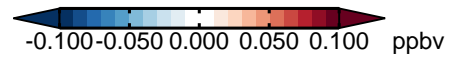
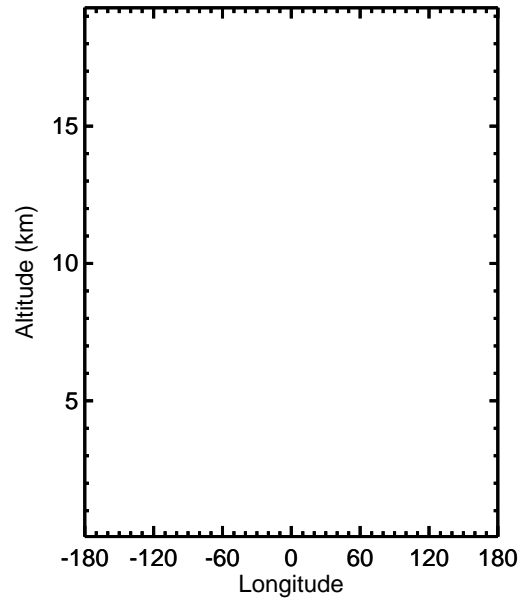


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

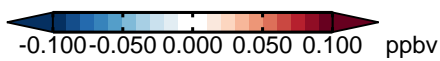
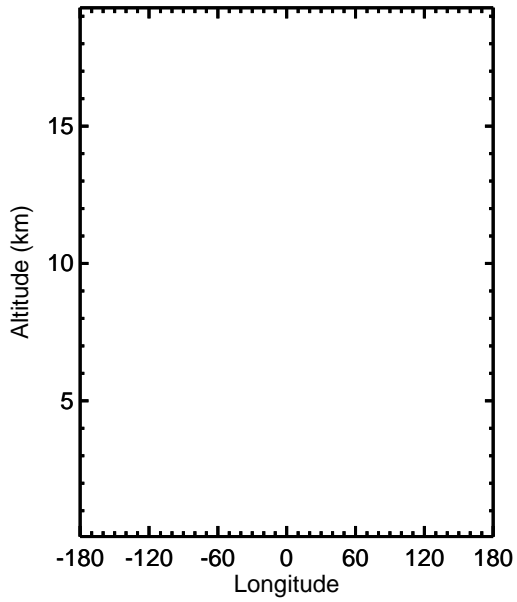
v11-01k-Run0 - v11-01g-Run0  
OCS - Diff along 15S for Oct



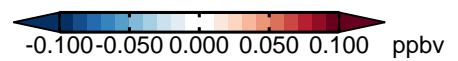
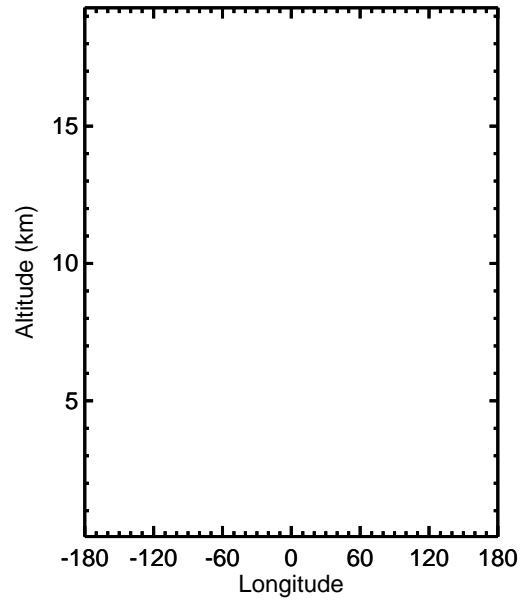
v11-01k-Run0 - v11-01g-Run0  
OCS - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
OCS - Diff along 15S for Oct

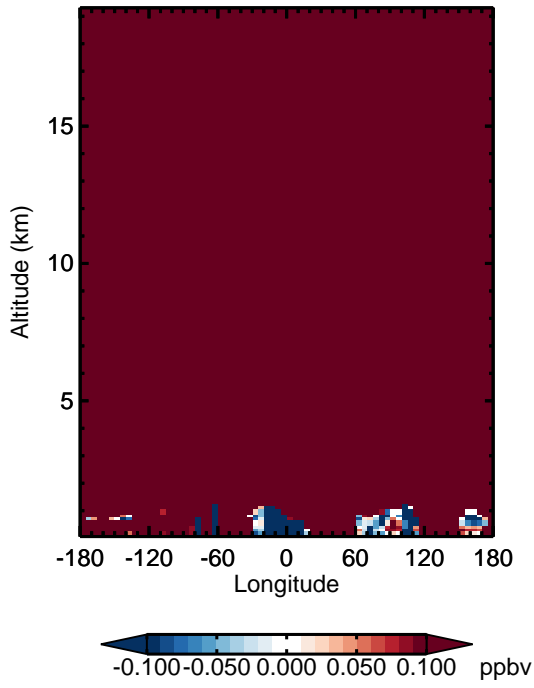


v11-01k-Run0 - v11-01f-geosfp-Run0  
OCS - Diff along 42N for Oct

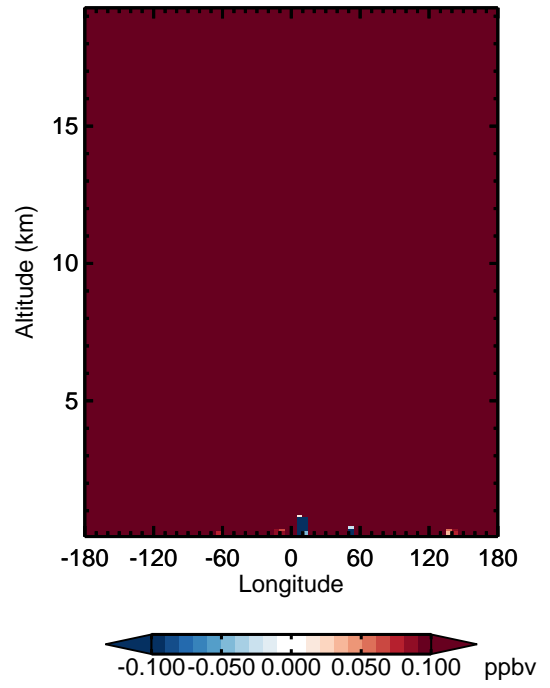


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

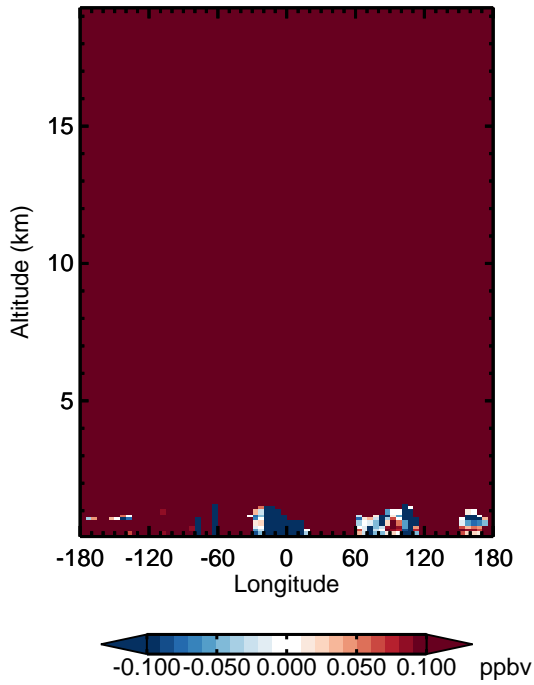
v11-01k-Run0 - v11-01g-Run0  
CH4 - Diff along 15S for Oct



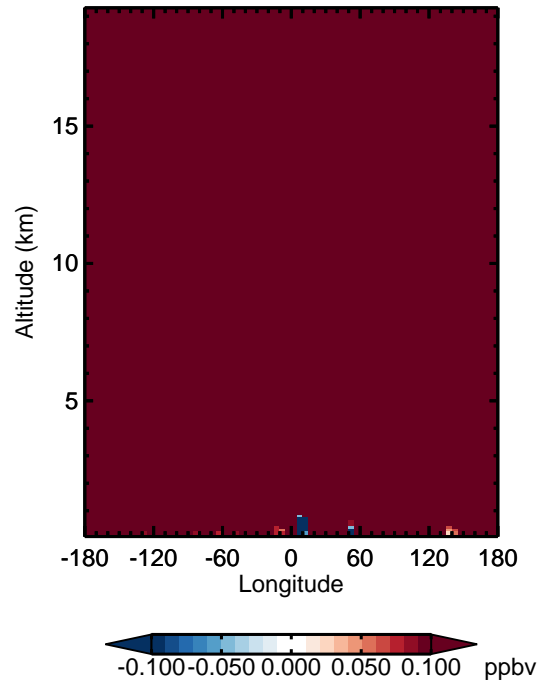
v11-01k-Run0 - v11-01g-Run0  
CH4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH4 - Diff along 15S for Oct

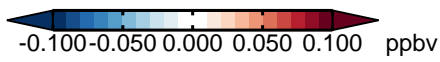
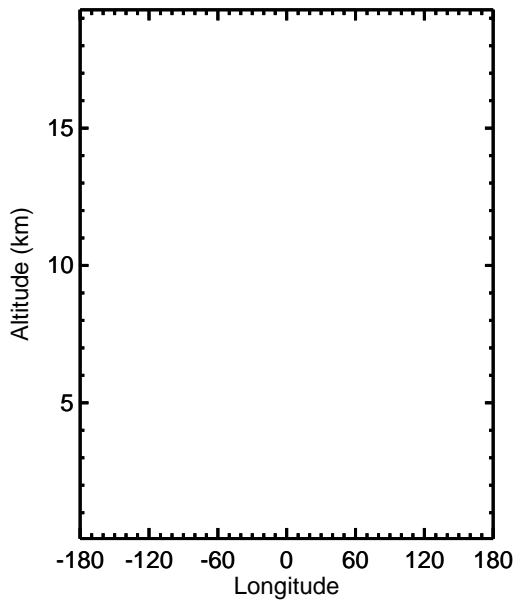


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH4 - Diff along 42N for Oct

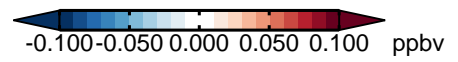
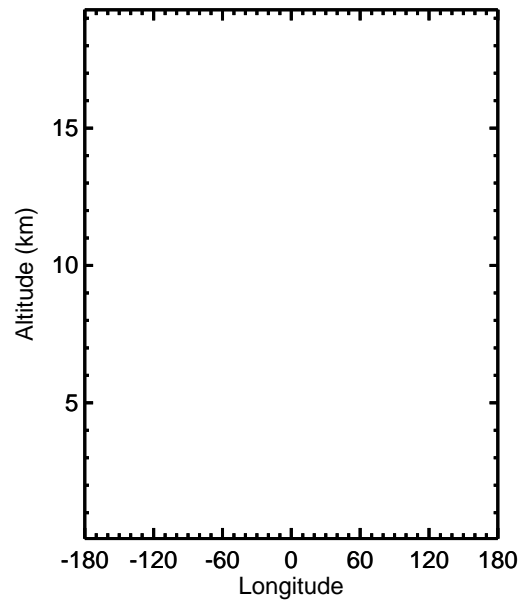


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

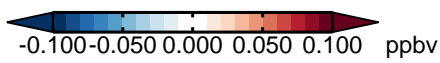
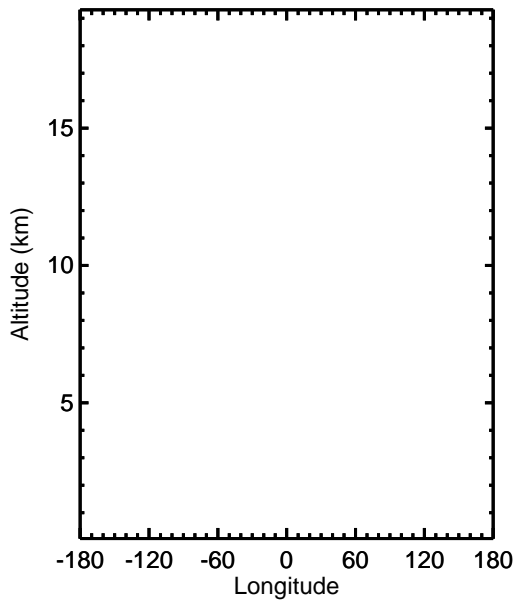
v11-01k-Run0 - v11-01g-Run0  
BrCl - Diff along 15S for Oct



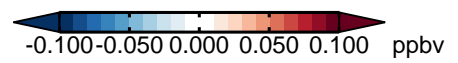
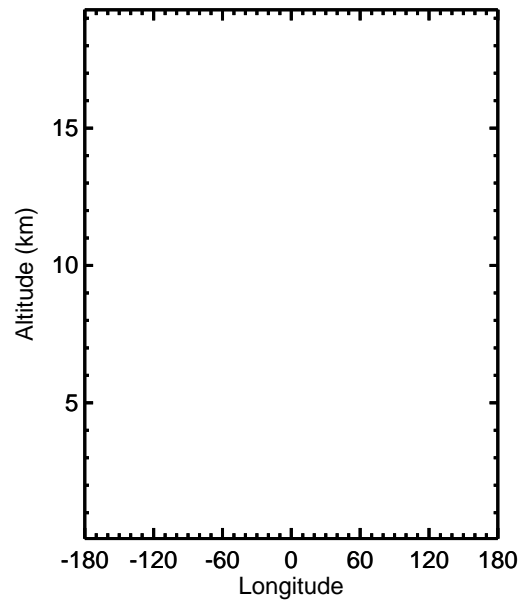
v11-01k-Run0 - v11-01g-Run0  
BrCl - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
BrCl - Diff along 15S for Oct



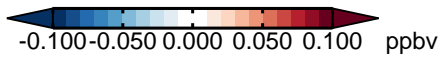
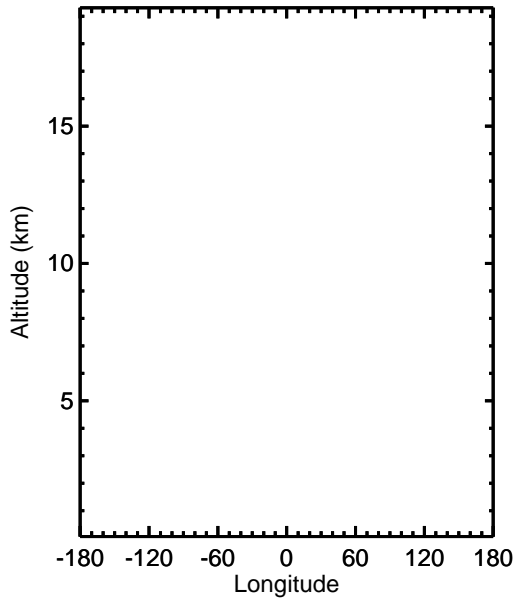
v11-01k-Run0 - v11-01f-geosfp-Run0  
BrCl - Diff along 42N for Oct



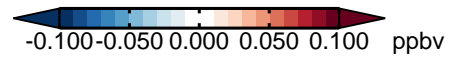
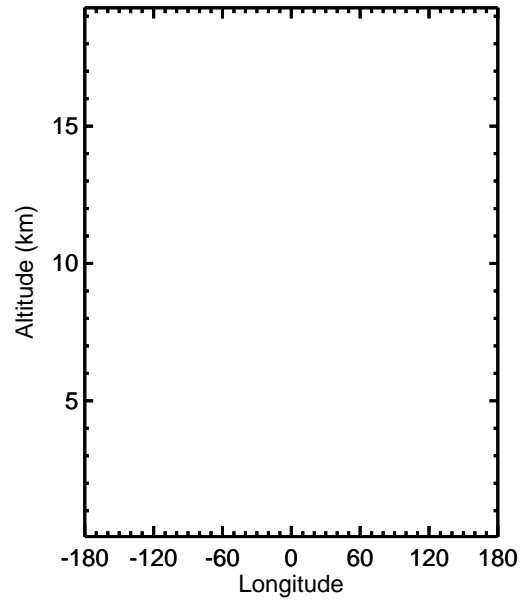


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

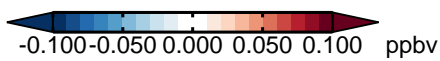
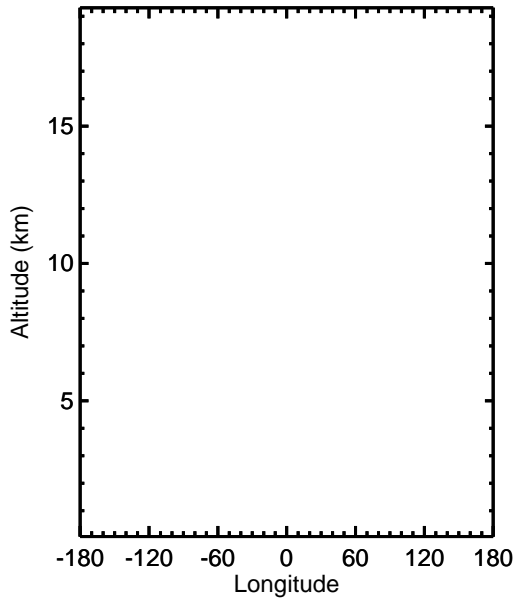
v11-01k-Run0 - v11-01g-Run0  
HCl - Diff along 15S for Oct



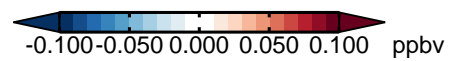
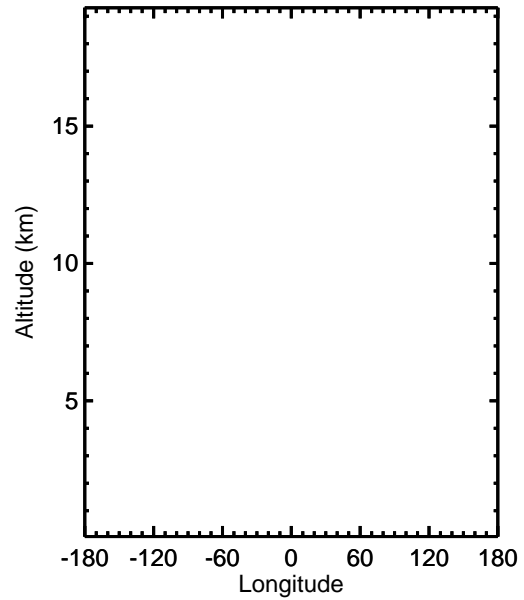
v11-01k-Run0 - v11-01g-Run0  
HCl - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HCl - Diff along 15S for Oct

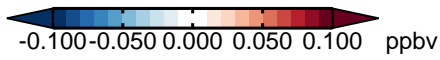
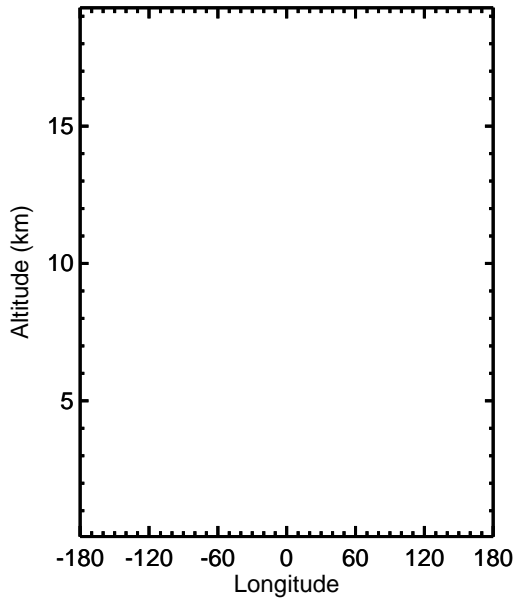


v11-01k-Run0 - v11-01f-geosfp-Run0  
HCl - Diff along 42N for Oct

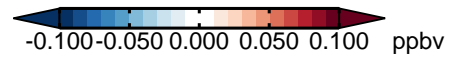
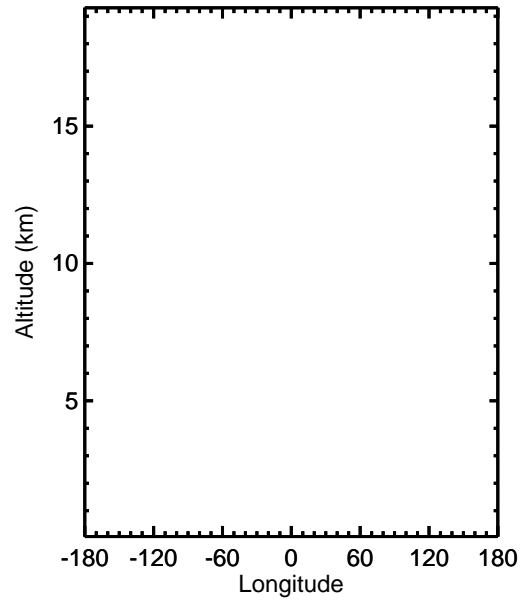


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

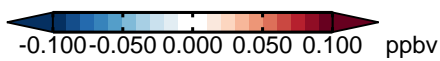
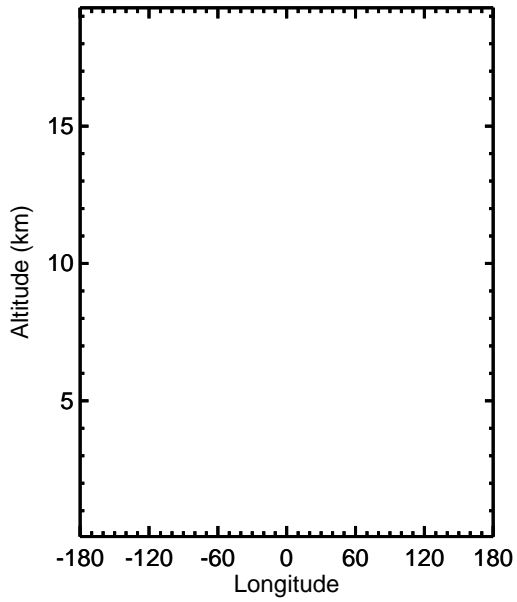
v11-01k-Run0 - v11-01g-Run0  
CCI4 - Diff along 15S for Oct



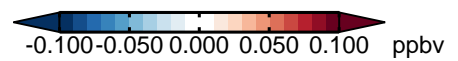
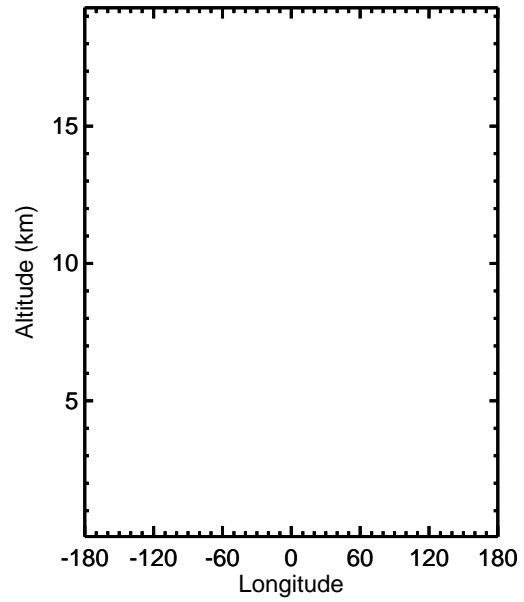
v11-01k-Run0 - v11-01g-Run0  
CCI4 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CCI4 - Diff along 15S for Oct

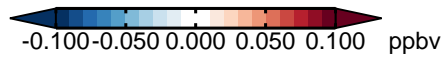
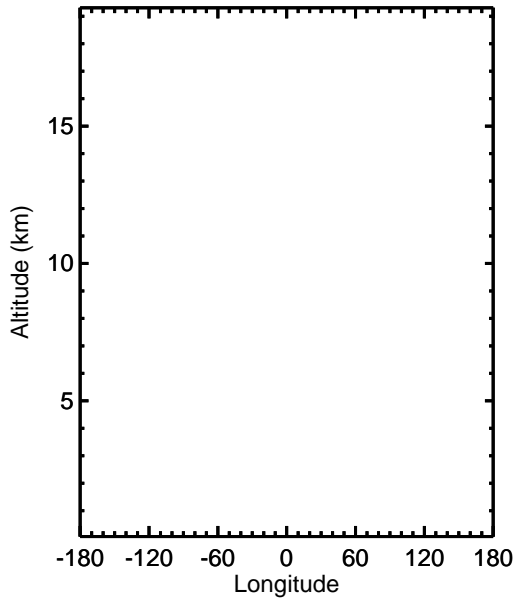


v11-01k-Run0 - v11-01f-geosfp-Run0  
CCI4 - Diff along 42N for Oct

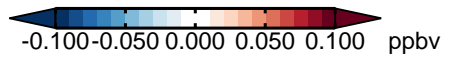
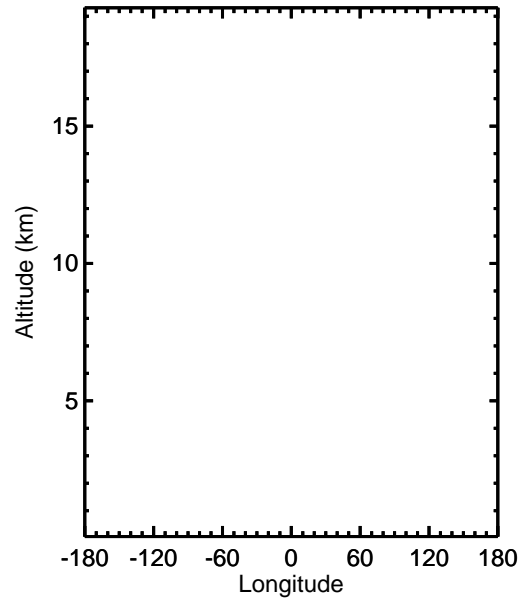


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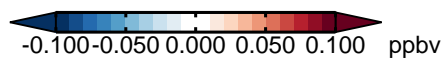
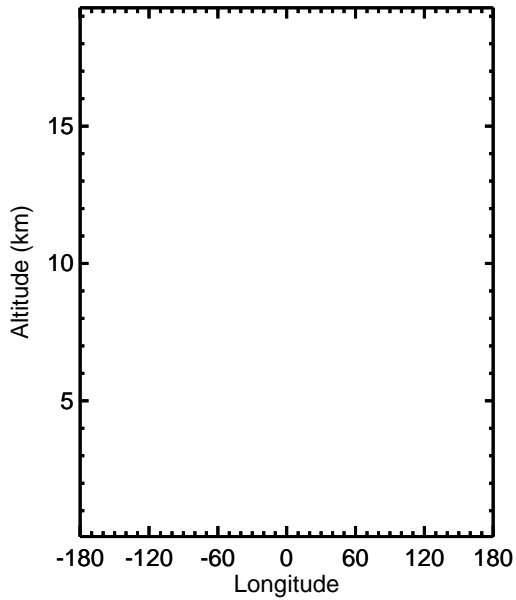
v11-01k-Run0 - v11-01g-Run0  
CH<sub>3</sub>Cl - Diff along 15S for Oct



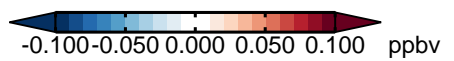
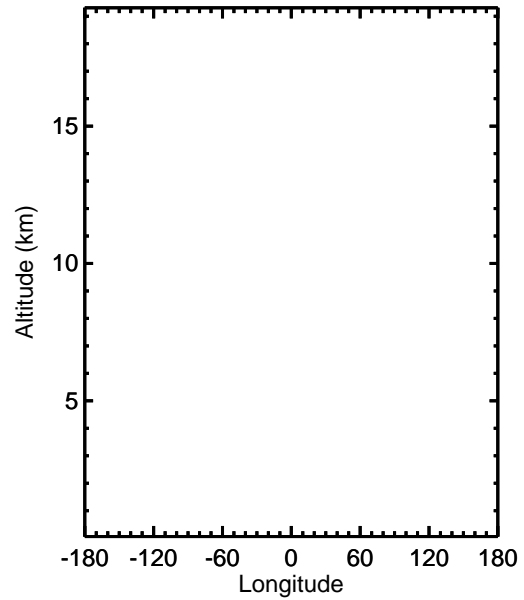
v11-01k-Run0 - v11-01g-Run0  
CH<sub>3</sub>Cl - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>3</sub>Cl - Diff along 15S for Oct

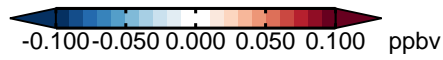
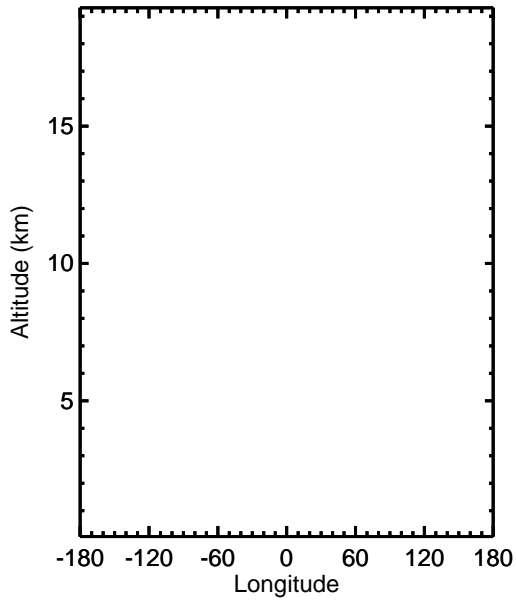


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>3</sub>Cl - Diff along 42N for Oct

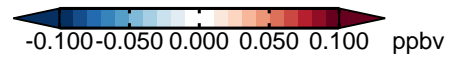
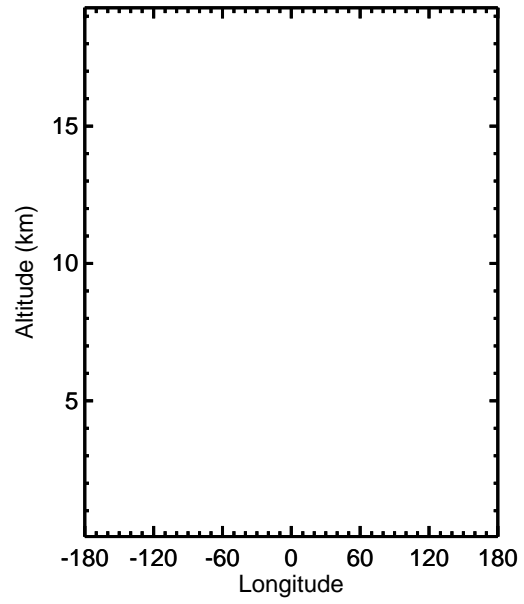


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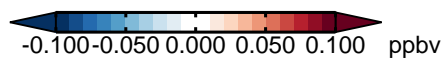
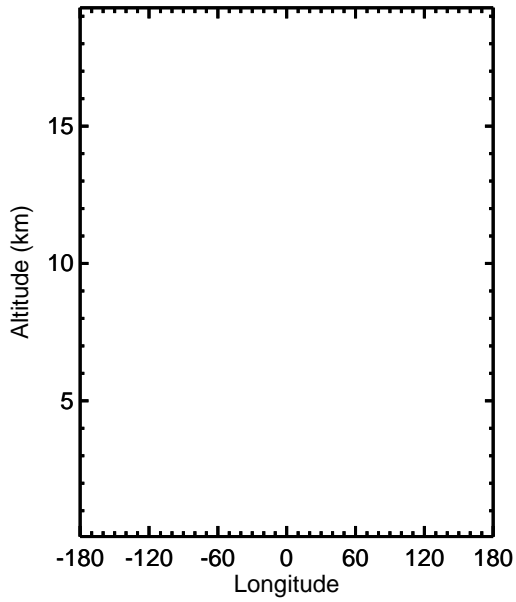
v11-01k-Run0 - v11-01g-Run0  
CH<sub>3</sub>CCl<sub>3</sub> - Diff along 15S for Oct



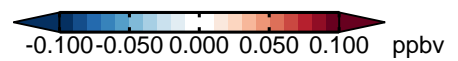
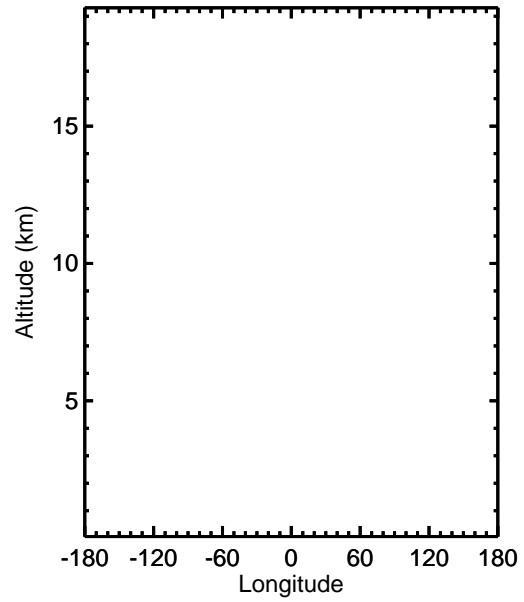
v11-01k-Run0 - v11-01g-Run0  
CH<sub>3</sub>CCl<sub>3</sub> - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>3</sub>CCl<sub>3</sub> - Diff along 15S for Oct

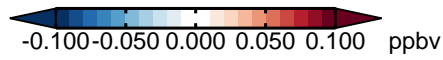
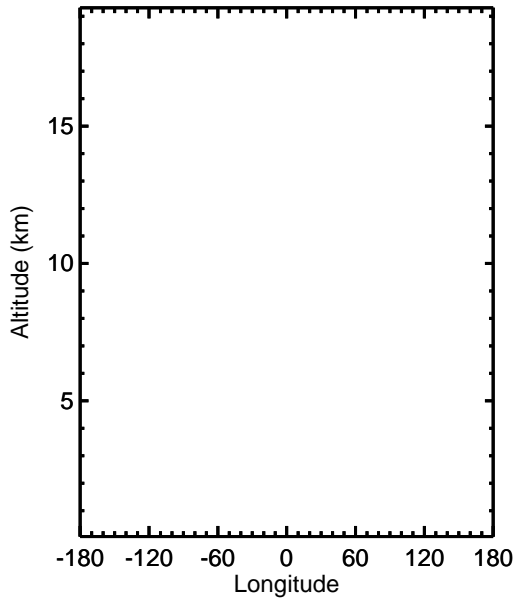


v11-01k-Run0 - v11-01f-geosfp-Run0  
CH<sub>3</sub>CCl<sub>3</sub> - Diff along 42N for Oct

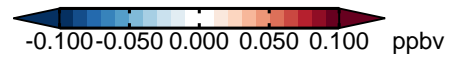
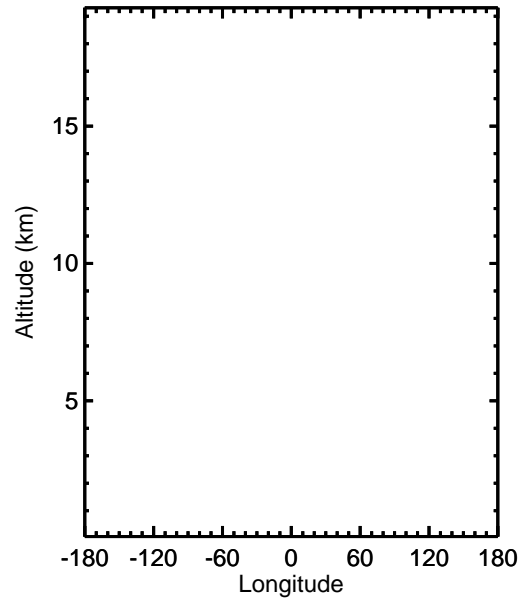


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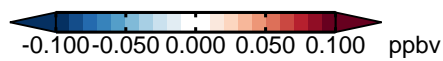
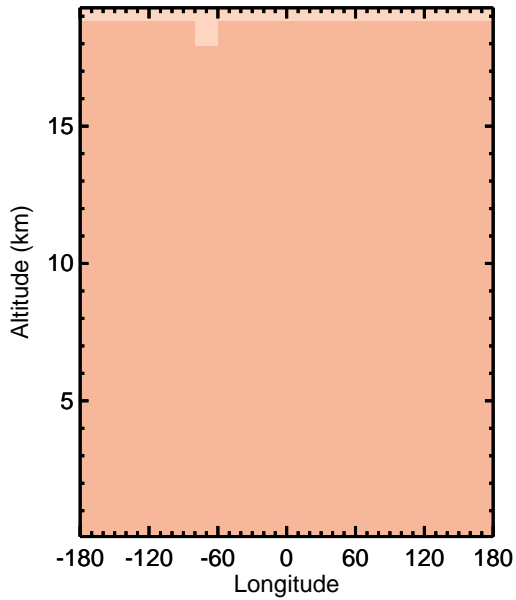
v11-01k-Run0 - v11-01g-Run0  
CFC113 - Diff along 15S for Oct



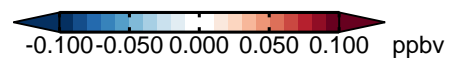
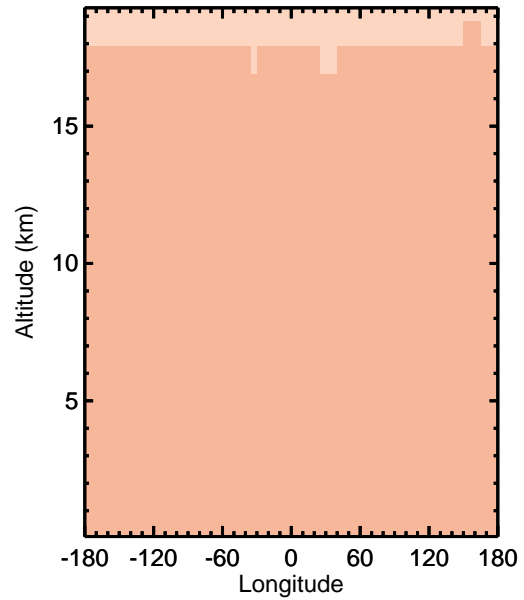
v11-01k-Run0 - v11-01g-Run0  
CFC113 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC113 - Diff along 15S for Oct

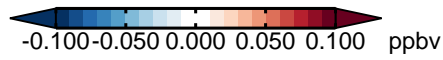
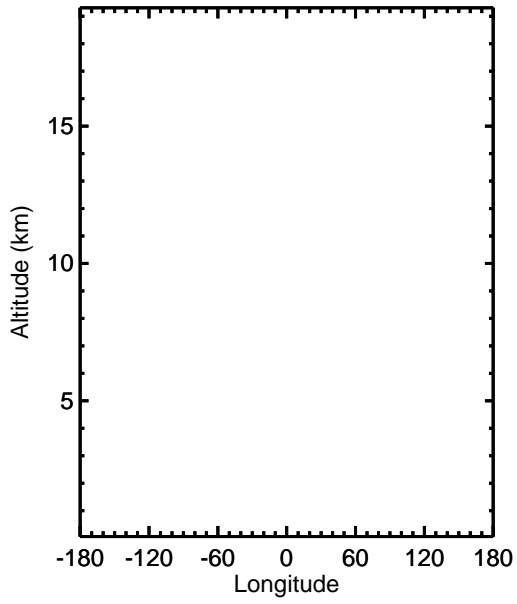


v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC113 - Diff along 42N for Oct

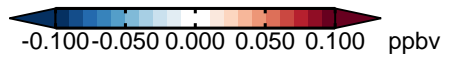
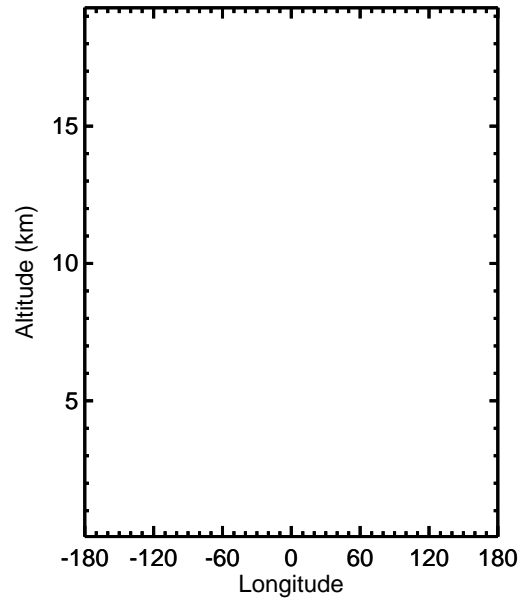


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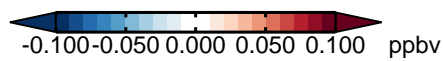
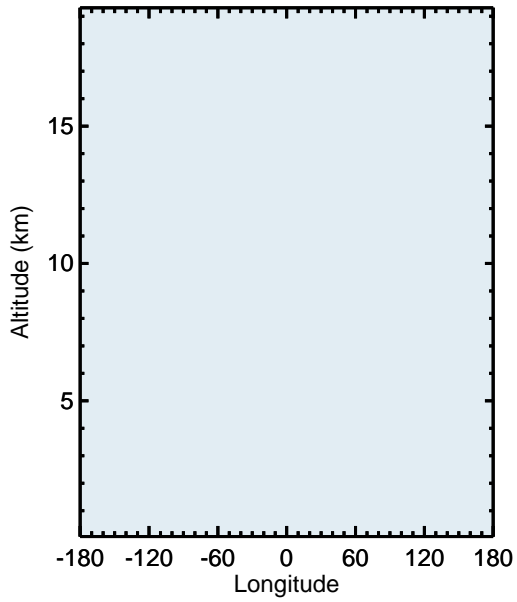
v11-01k-Run0 - v11-01g-Run0  
CFC114 - Diff along 15S for Oct



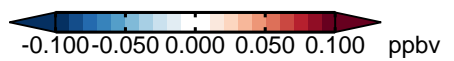
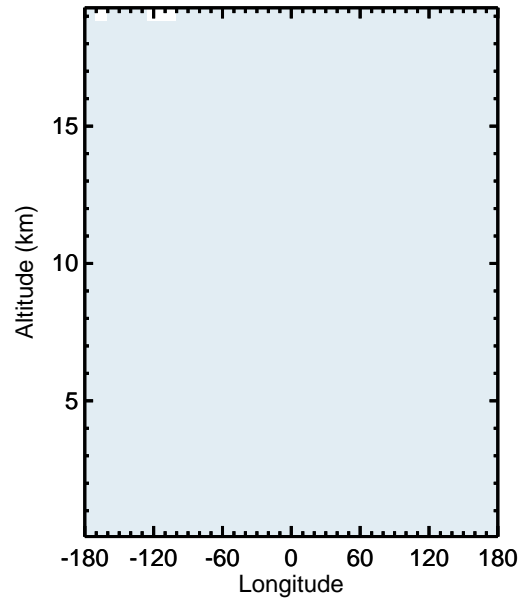
v11-01k-Run0 - v11-01g-Run0  
CFC114 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC114 - Diff along 15S for Oct

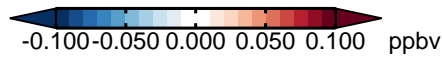
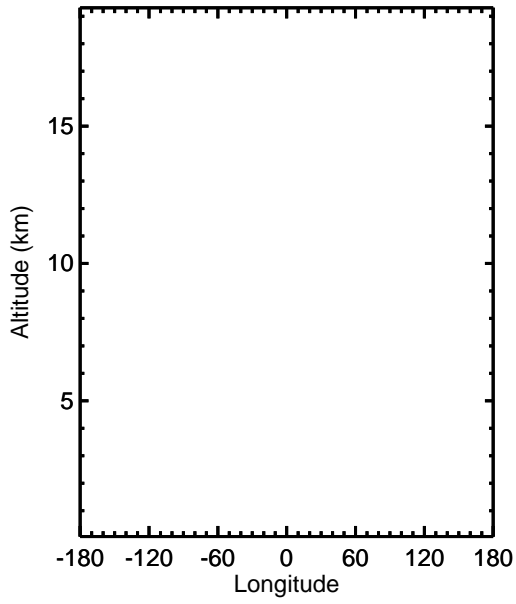


v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC114 - Diff along 42N for Oct

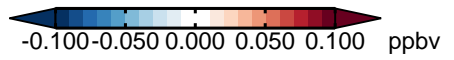
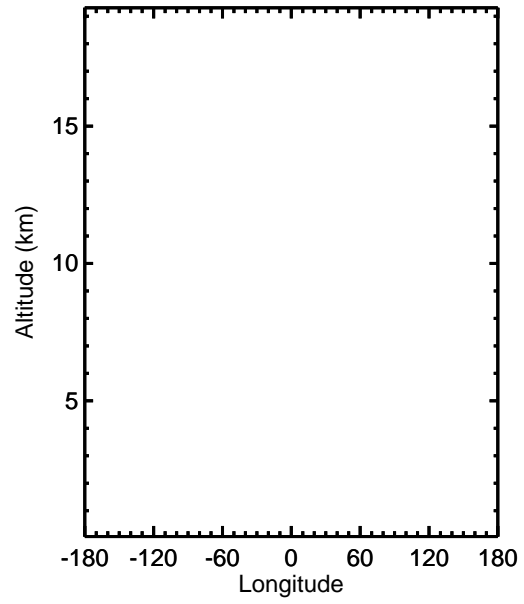


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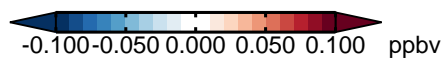
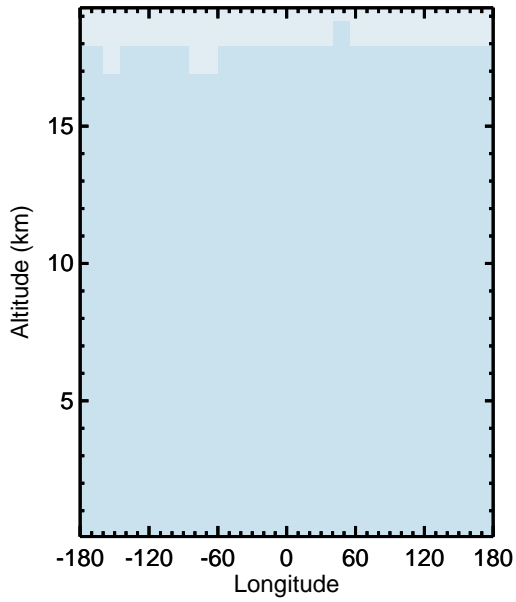
v11-01k-Run0 - v11-01g-Run0  
CFC115 - Diff along 15S for Oct



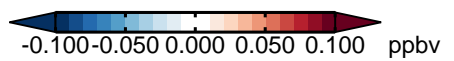
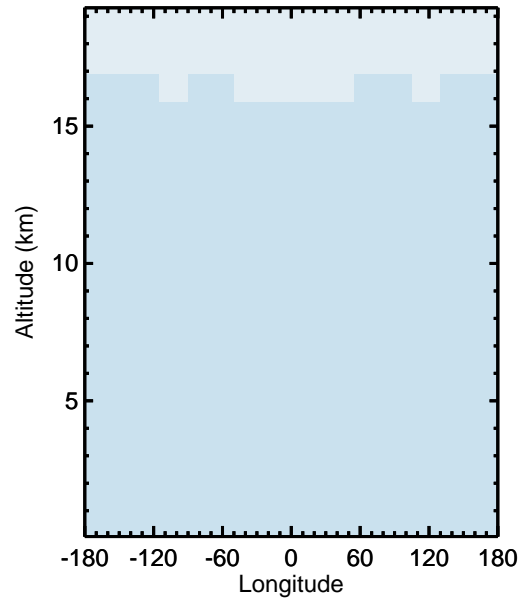
v11-01k-Run0 - v11-01g-Run0  
CFC115 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC115 - Diff along 15S for Oct

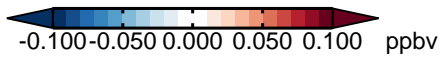
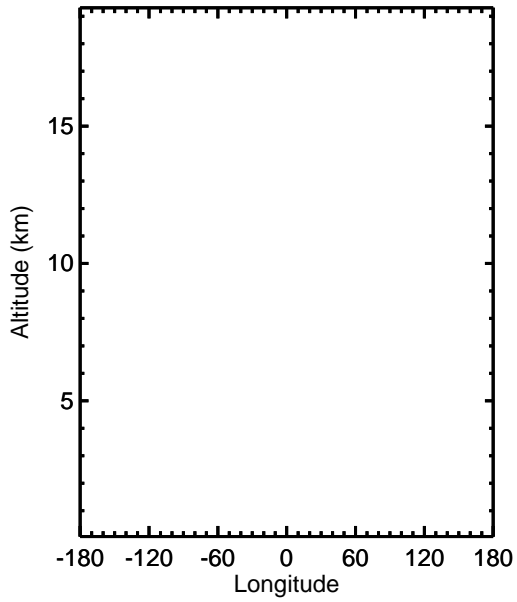


v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC115 - Diff along 42N for Oct

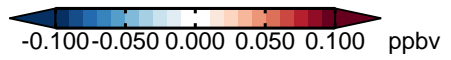
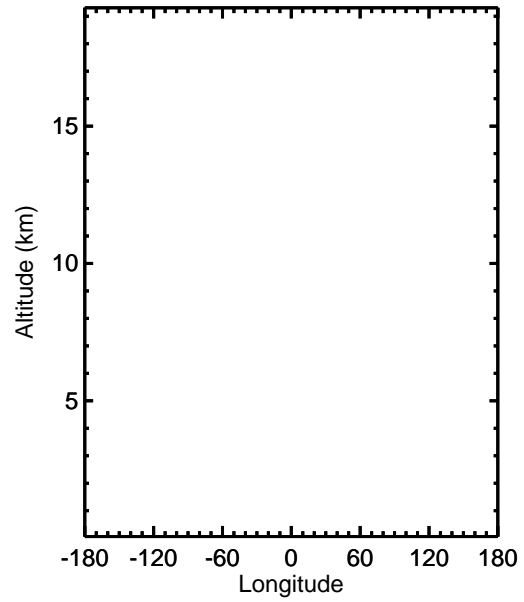


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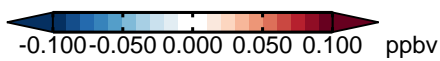
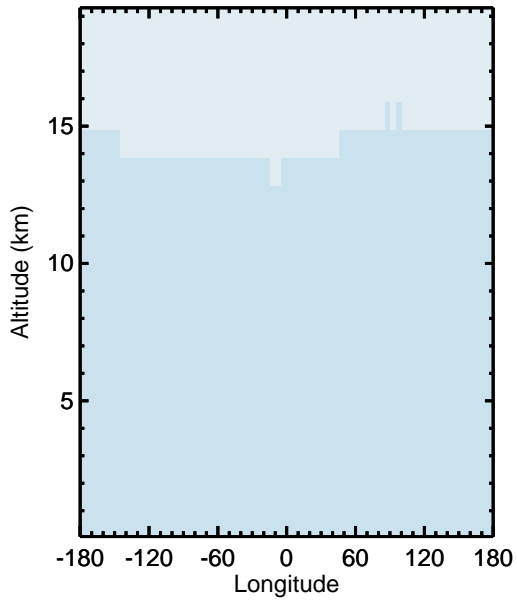
v11-01k-Run0 - v11-01g-Run0  
HCFC123 - Diff along 15S for Oct



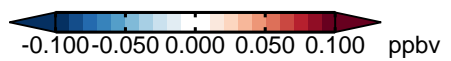
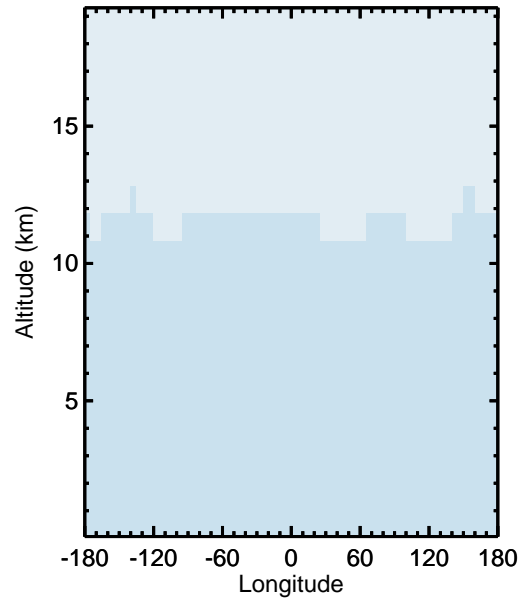
v11-01k-Run0 - v11-01g-Run0  
HCFC123 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosp-Run0  
HCFC123 - Diff along 15S for Oct



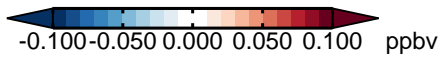
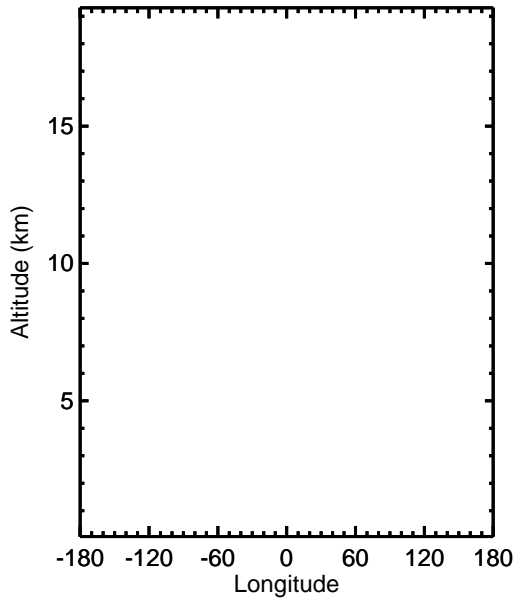
v11-01k-Run0 - v11-01f-geosp-Run0  
HCFC123 - Diff along 42N for Oct



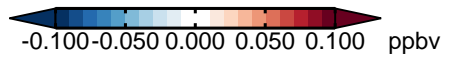
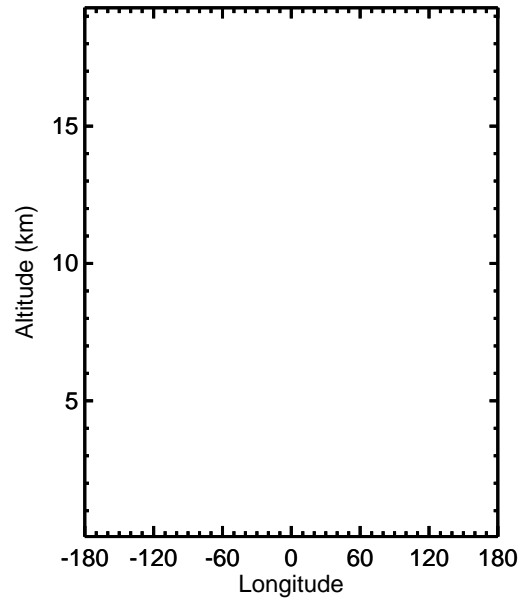


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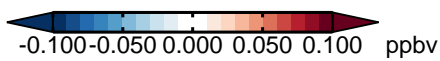
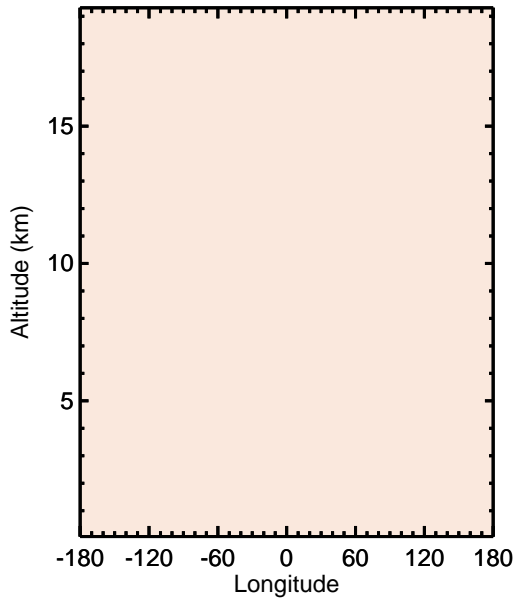
v11-01k-Run0 - v11-01g-Run0  
HCFC141b - Diff along 15S for Oct



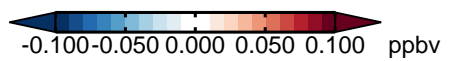
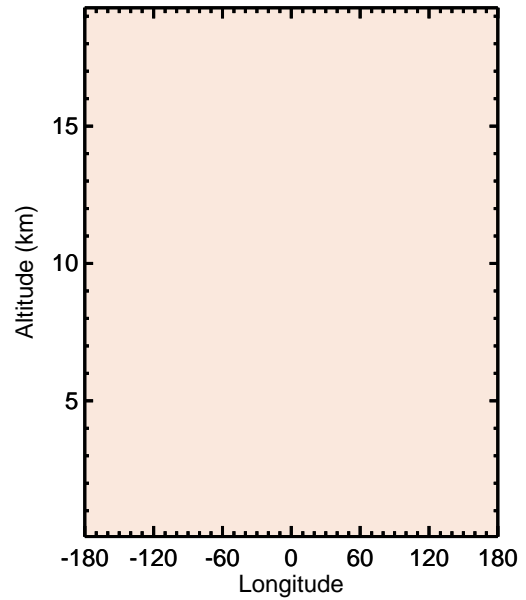
v11-01k-Run0 - v11-01g-Run0  
HCFC141b - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC141b - Diff along 15S for Oct

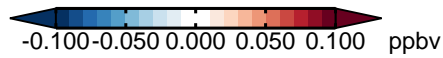
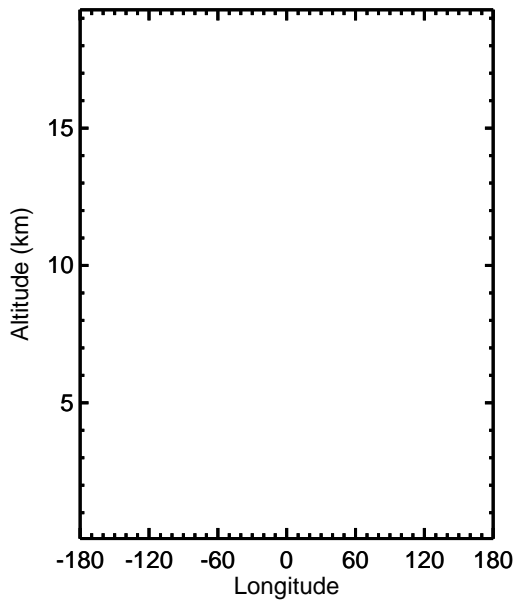


v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC141b - Diff along 42N for Oct

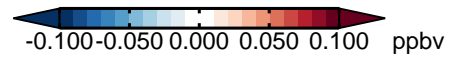
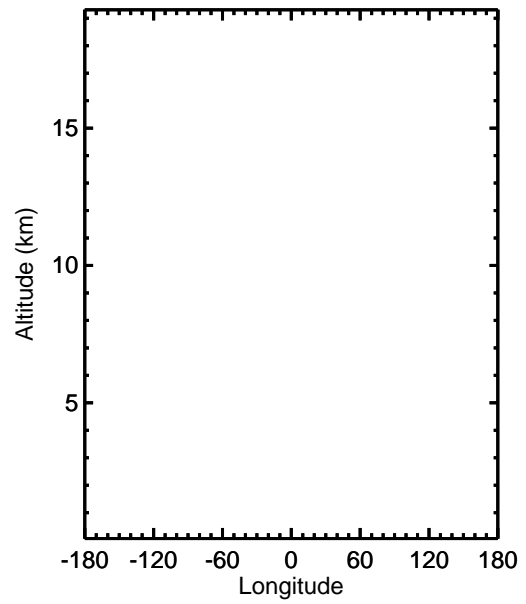


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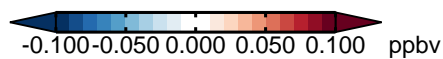
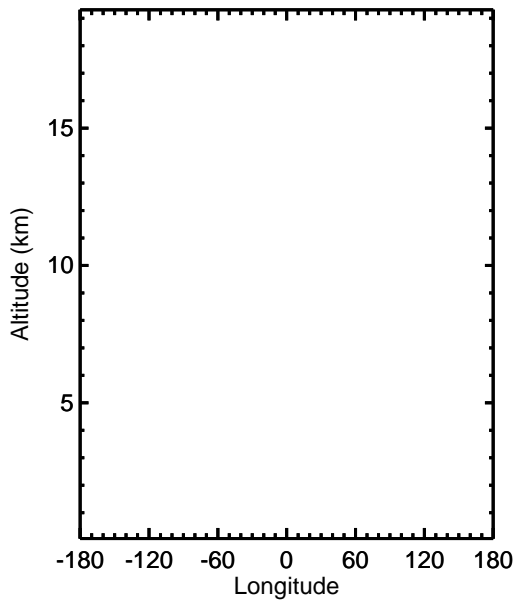
v11-01k-Run0 - v11-01g-Run0  
HCFC142b - Diff along 15S for Oct



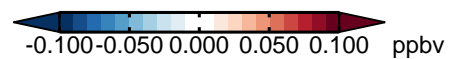
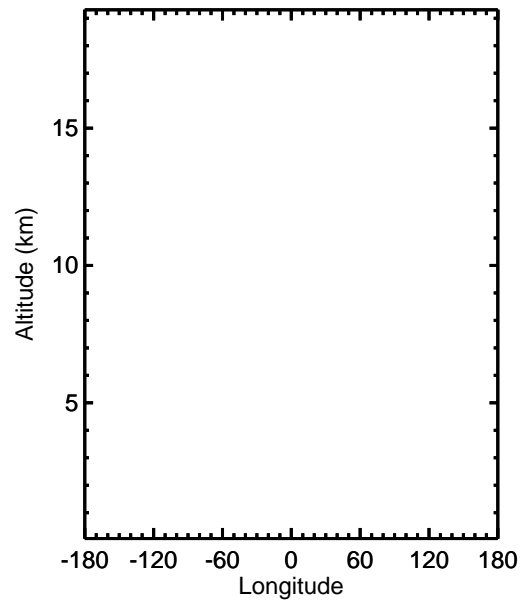
v11-01k-Run0 - v11-01g-Run0  
HCFC142b - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC142b - Diff along 15S for Oct

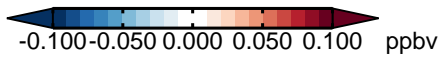
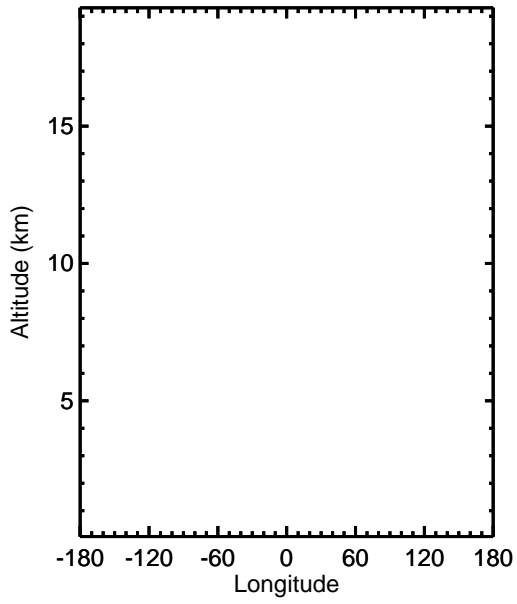


v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC142b - Diff along 42N for Oct

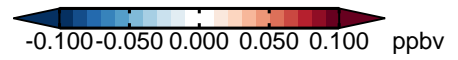
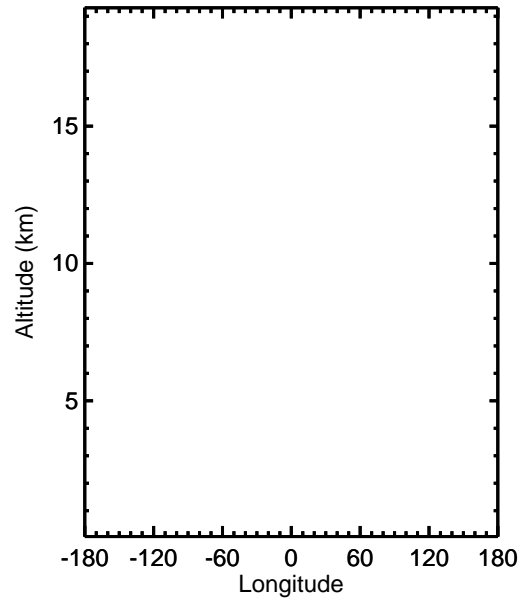


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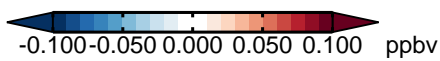
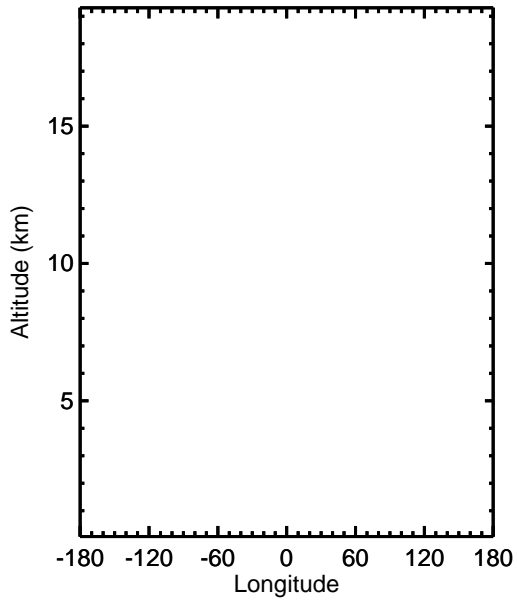
v11-01k-Run0 - v11-01g-Run0  
CFC11 - Diff along 15S for Oct



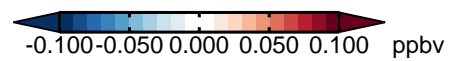
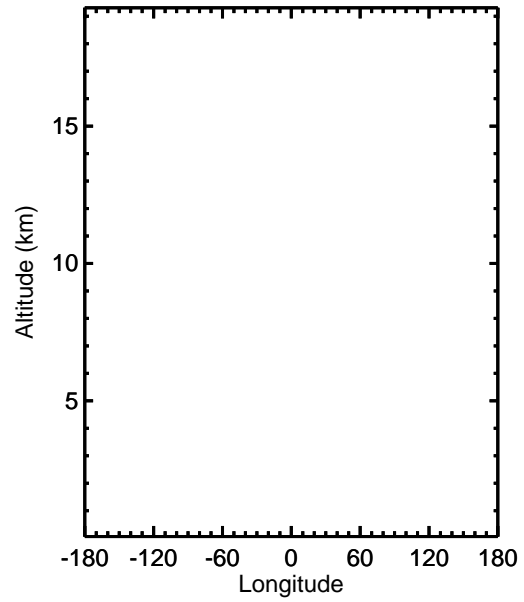
v11-01k-Run0 - v11-01g-Run0  
CFC11 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC11 - Diff along 15S for Oct

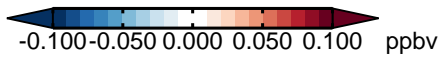
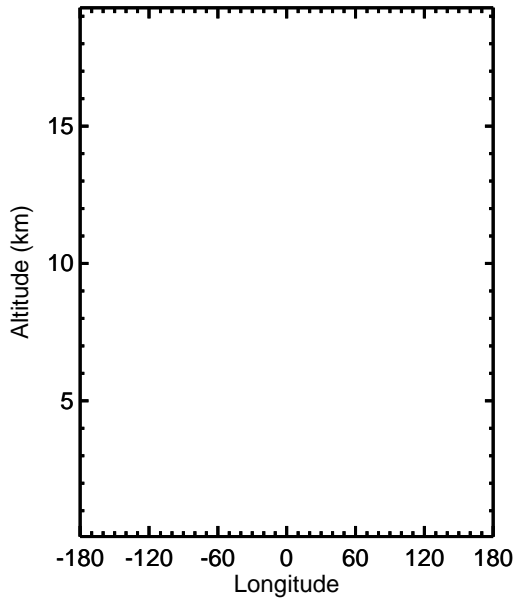


v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC11 - Diff along 42N for Oct

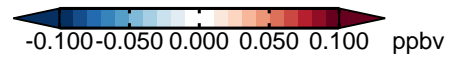
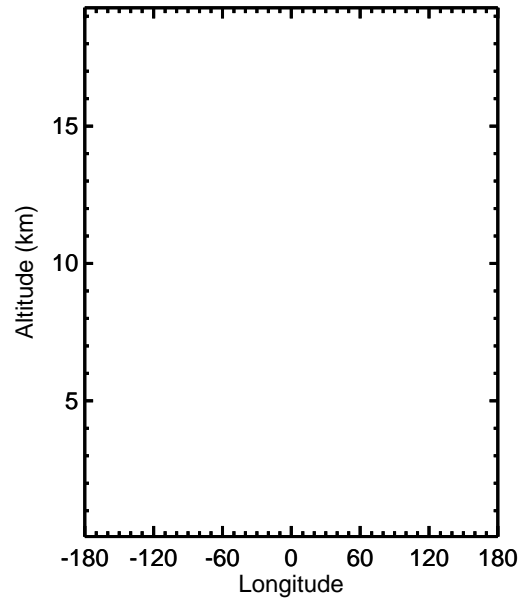


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

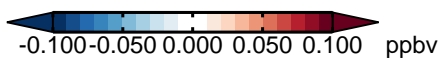
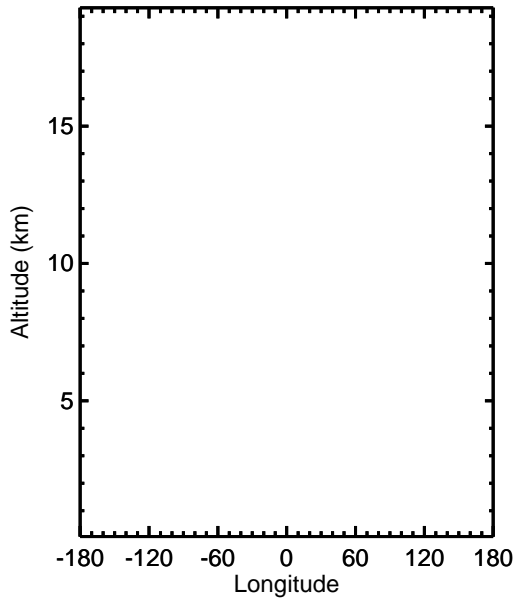
v11-01k-Run0 - v11-01g-Run0  
CFC12 - Diff along 15S for Oct



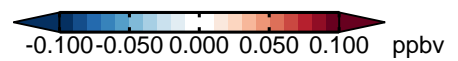
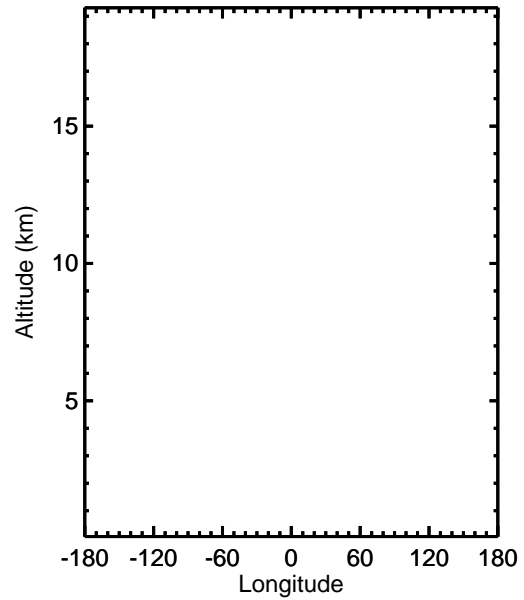
v11-01k-Run0 - v11-01g-Run0  
CFC12 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC12 - Diff along 15S for Oct

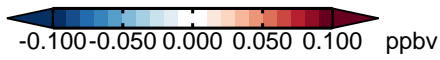
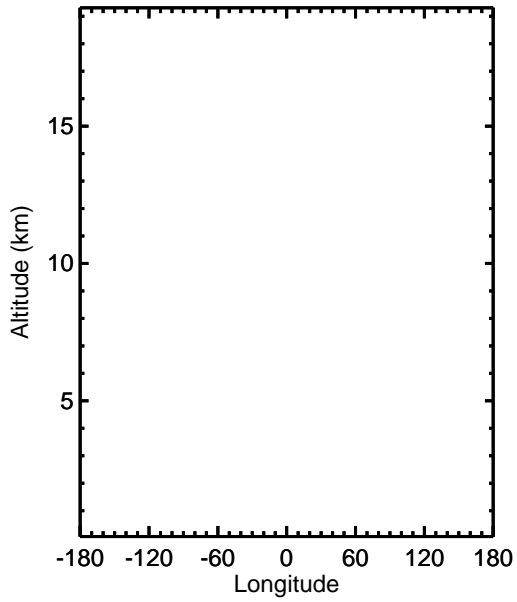


v11-01k-Run0 - v11-01f-geosfp-Run0  
CFC12 - Diff along 42N for Oct

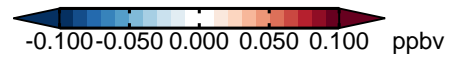
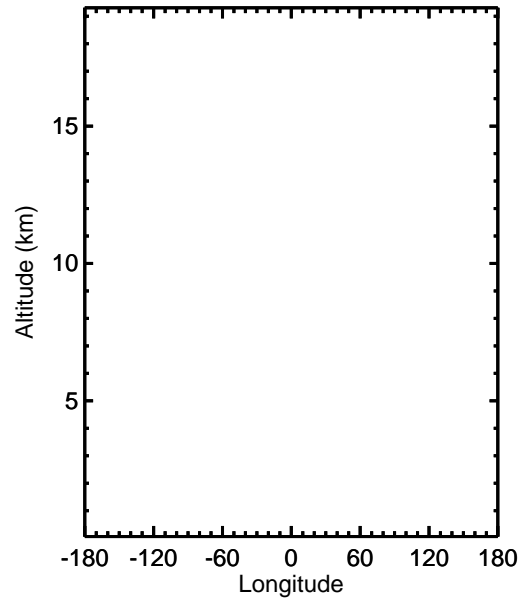


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

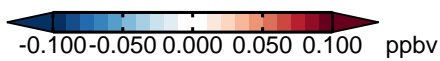
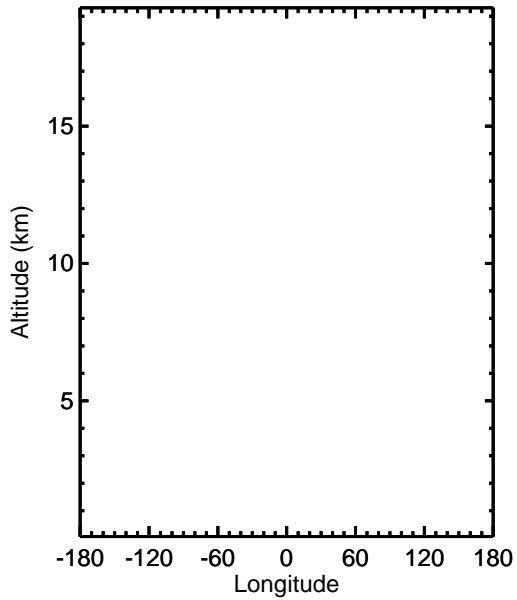
v11-01k-Run0 - v11-01g-Run0  
HCFC22 - Diff along 15S for Oct



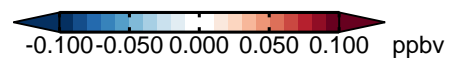
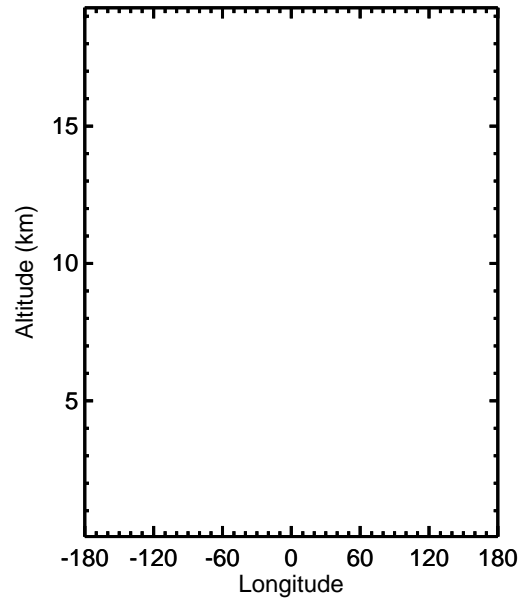
v11-01k-Run0 - v11-01g-Run0  
HCFC22 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC22 - Diff along 15S for Oct

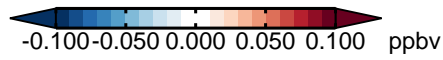
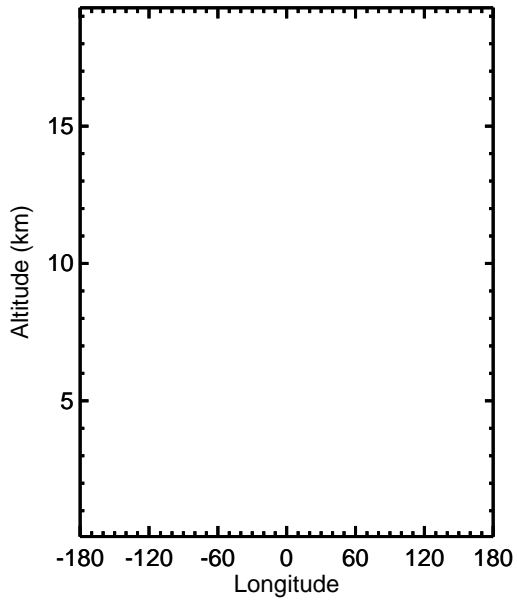


v11-01k-Run0 - v11-01f-geosfp-Run0  
HCFC22 - Diff along 42N for Oct

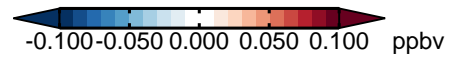
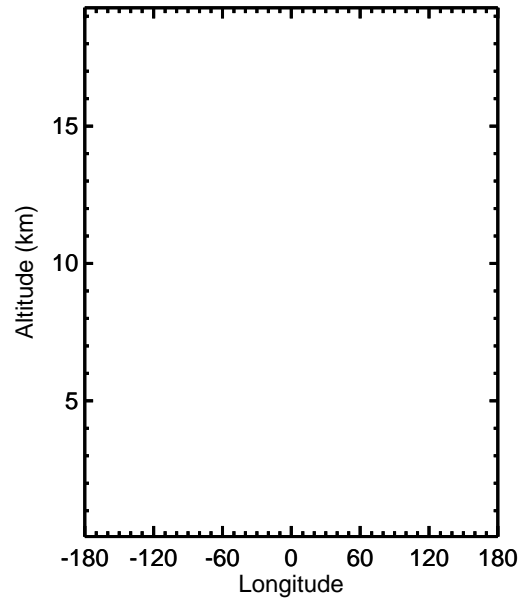


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

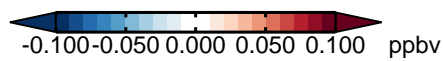
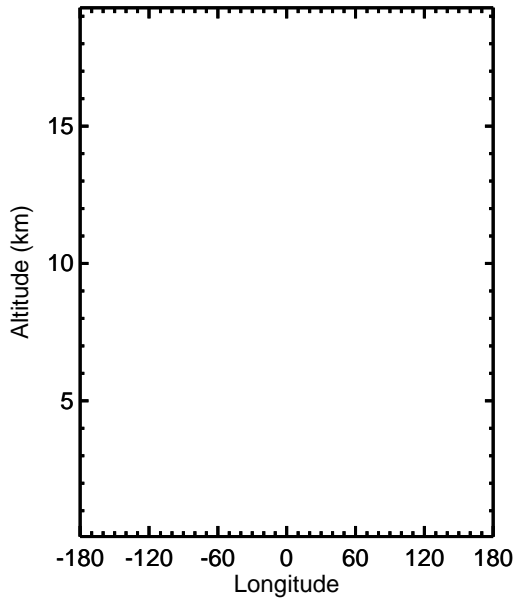
v11-01k-Run0 - v11-01g-Run0  
H1211 - Diff along 15S for Oct



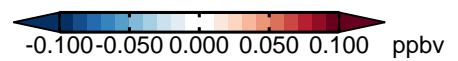
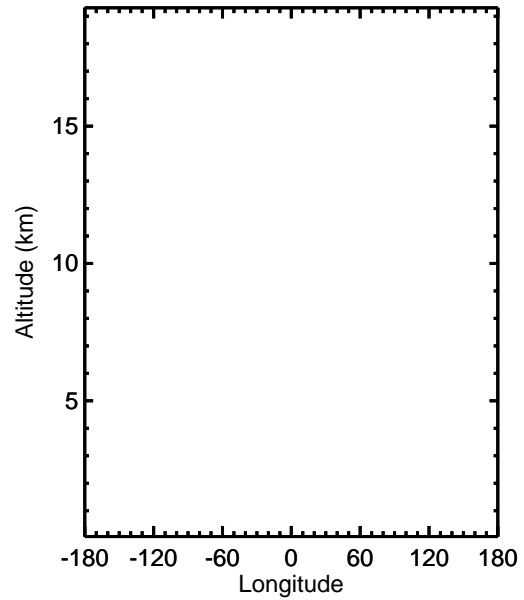
v11-01k-Run0 - v11-01g-Run0  
H1211 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
H1211 - Diff along 15S for Oct

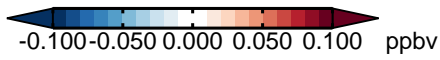
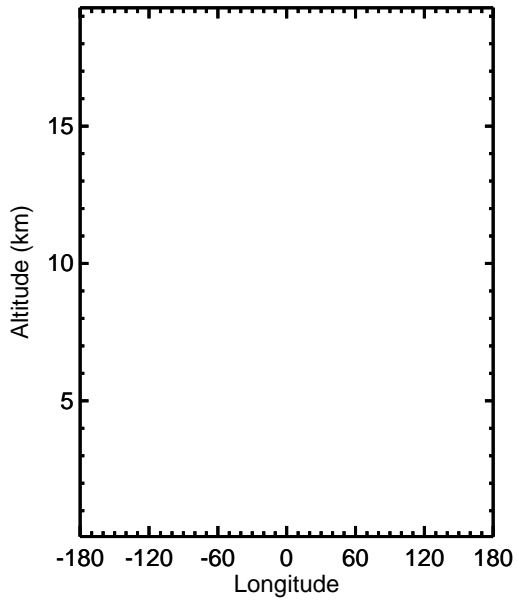


v11-01k-Run0 - v11-01f-geosfp-Run0  
H1211 - Diff along 42N for Oct

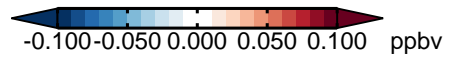
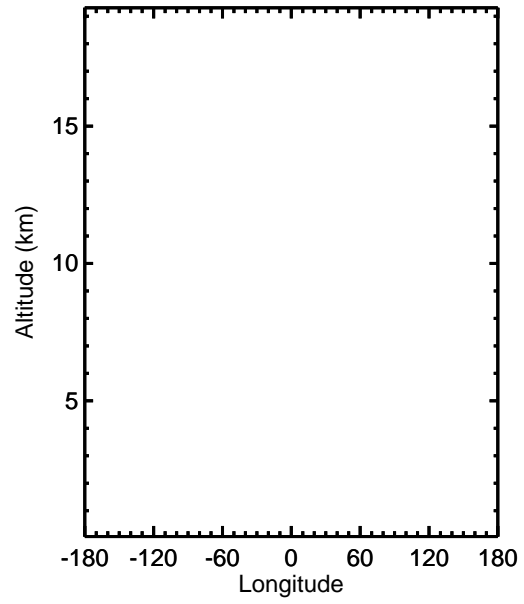


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

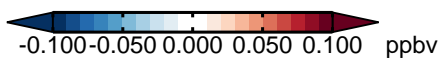
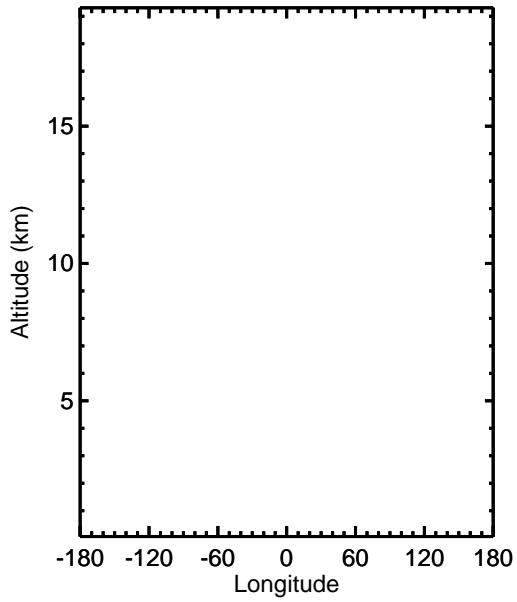
v11-01k-Run0 - v11-01g-Run0  
H1301 - Diff along 15S for Oct



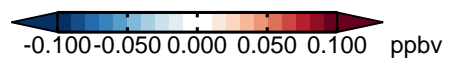
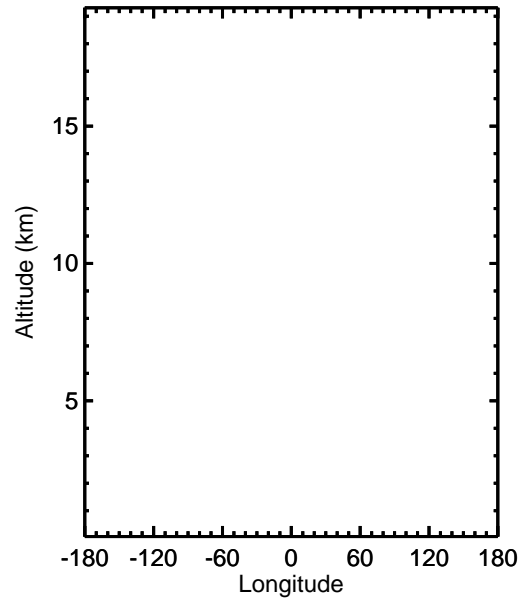
v11-01k-Run0 - v11-01g-Run0  
H1301 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
H1301 - Diff along 15S for Oct

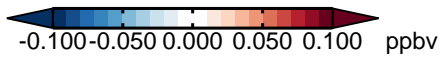
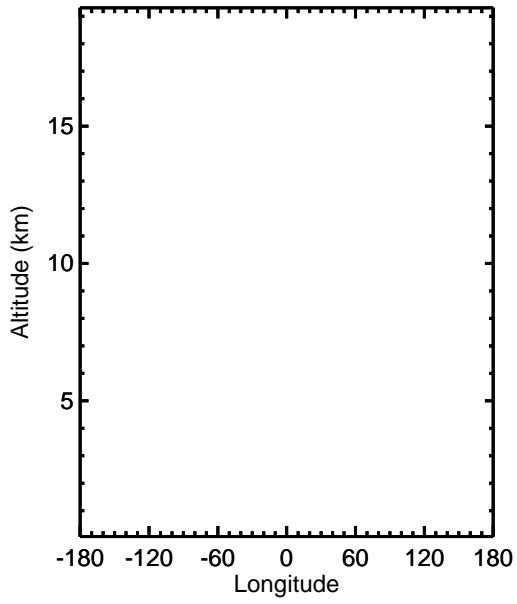


v11-01k-Run0 - v11-01f-geosfp-Run0  
H1301 - Diff along 42N for Oct

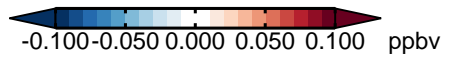
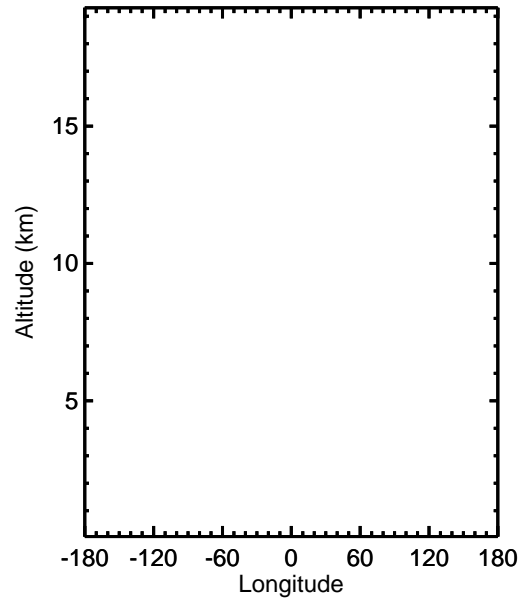


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

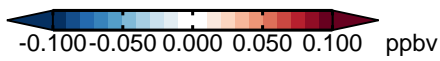
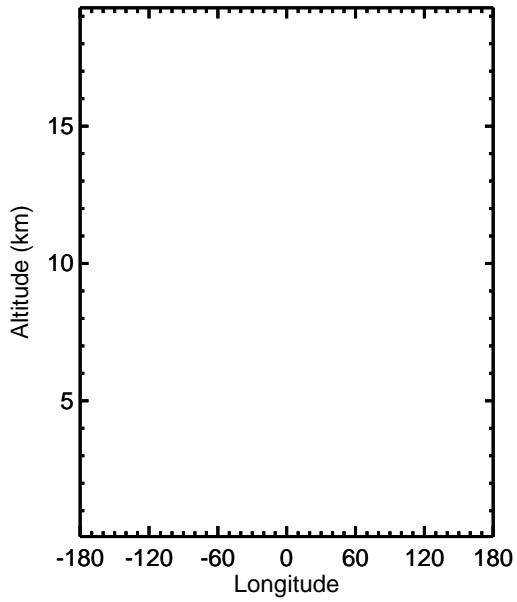
v11-01k-Run0 - v11-01g-Run0  
H2402 - Diff along 15S for Oct



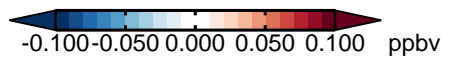
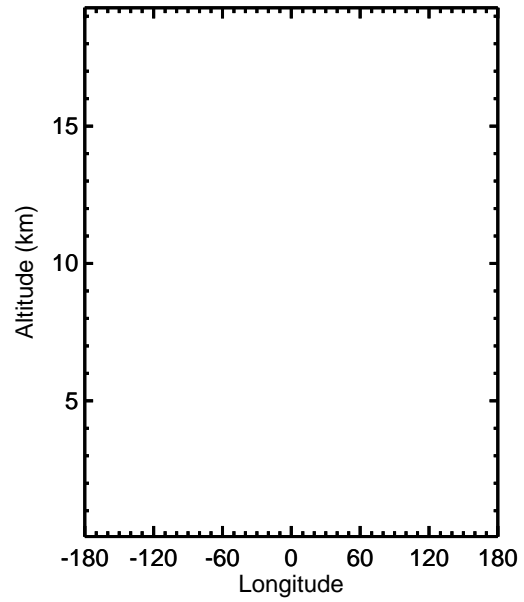
v11-01k-Run0 - v11-01g-Run0  
H2402 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
H2402 - Diff along 15S for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
H2402 - Diff along 42N for Oct

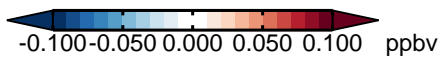
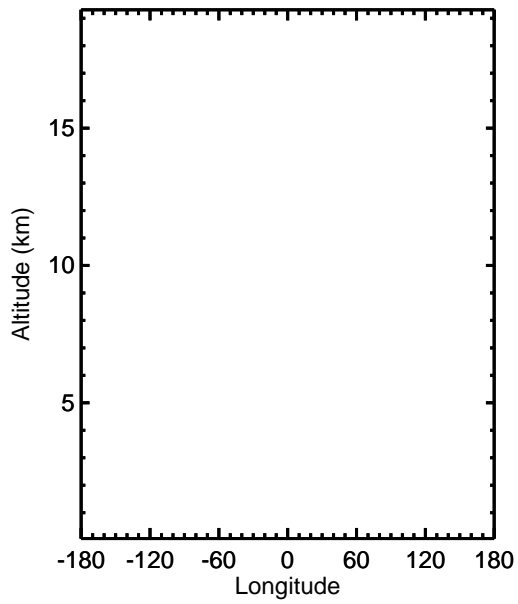




# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

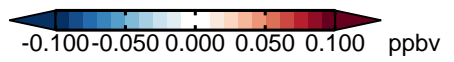
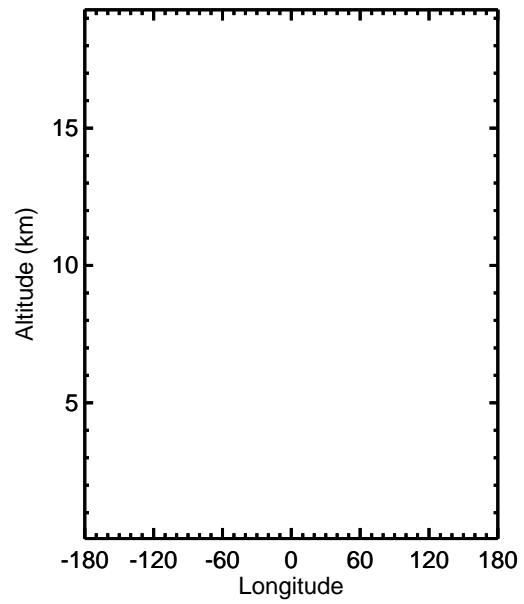
v11-01k-Run0 - v11-01g-Run0

Cl - Diff along 15S for Oct



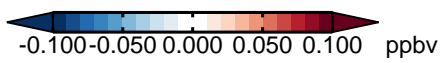
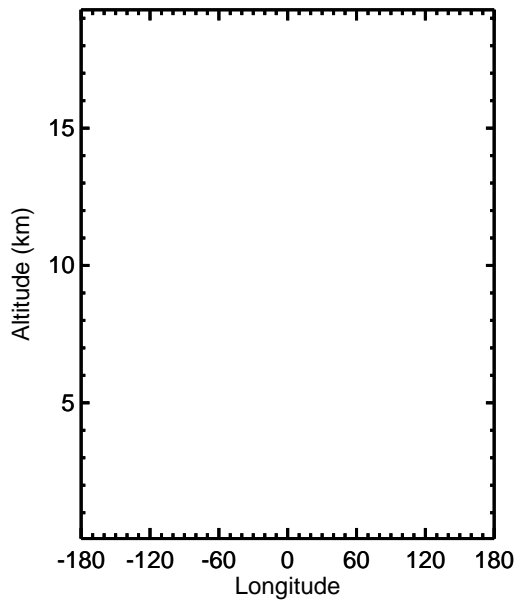
v11-01k-Run0 - v11-01g-Run0

Cl - Diff along 42N for Oct



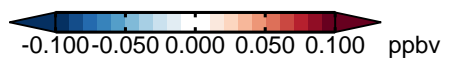
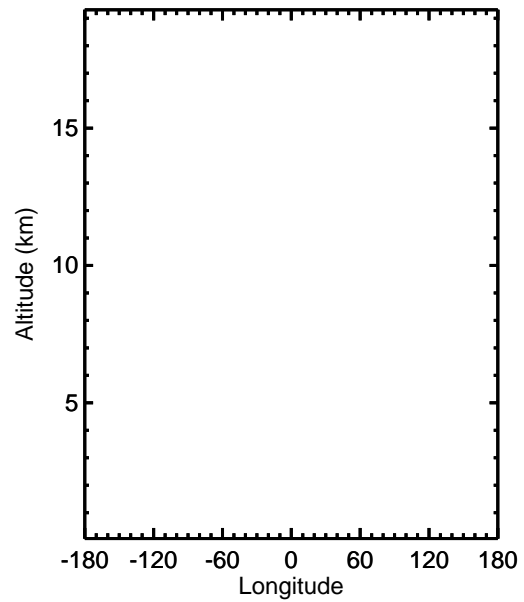
v11-01k-Run0 - v11-01f-geosfp-Run0

Cl - Diff along 15S for Oct



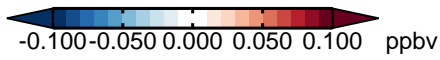
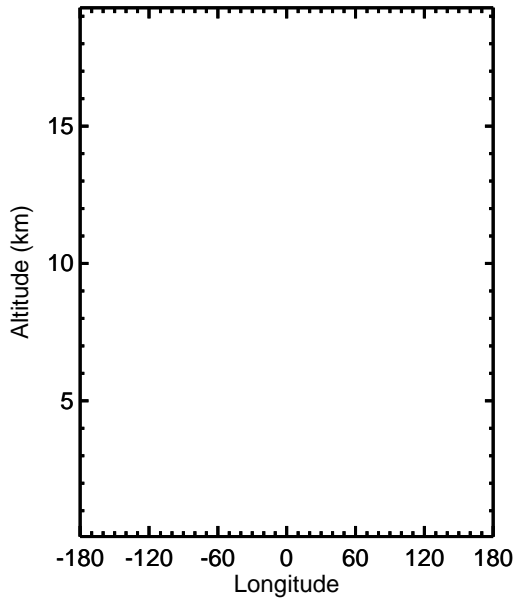
v11-01k-Run0 - v11-01f-geosfp-Run0

Cl - Diff along 42N for Oct

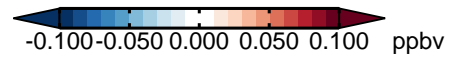
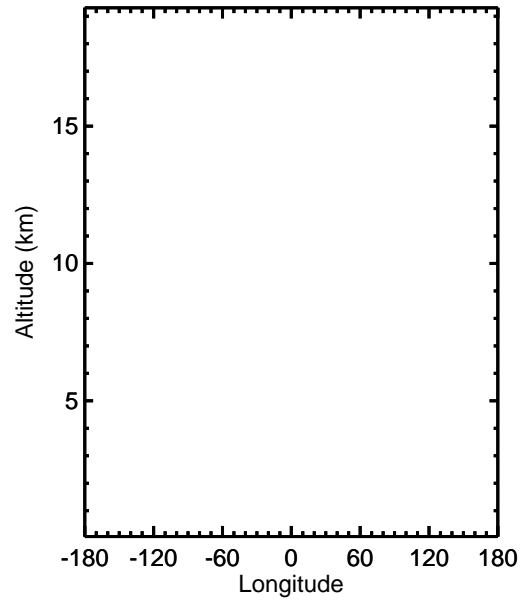


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

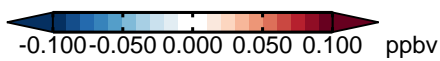
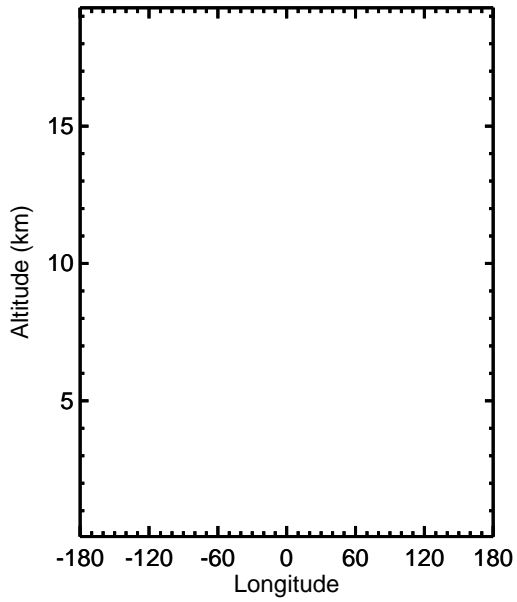
v11-01k-Run0 - v11-01g-Run0  
ClO - Diff along 15S for Oct



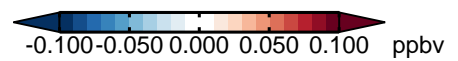
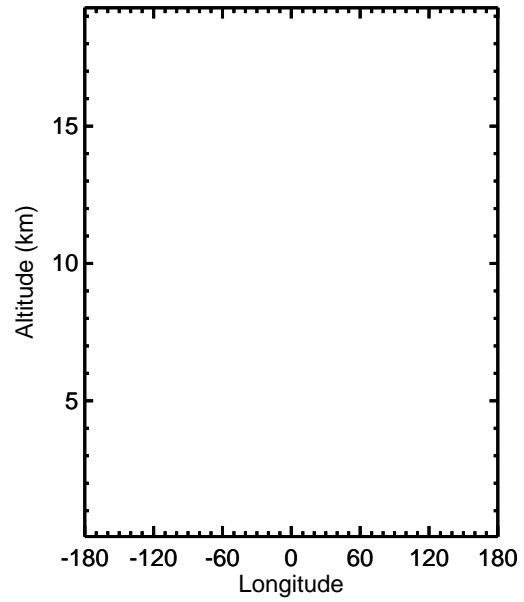
v11-01k-Run0 - v11-01g-Run0  
ClO - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
ClO - Diff along 15S for Oct

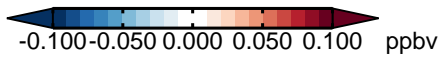
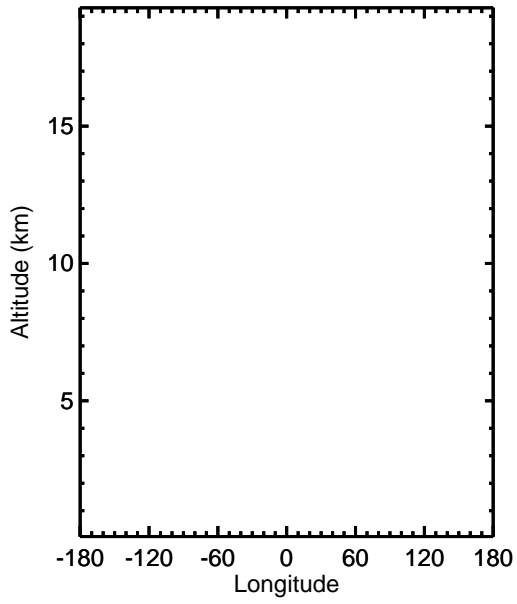


v11-01k-Run0 - v11-01f-geosfp-Run0  
ClO - Diff along 42N for Oct

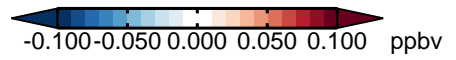
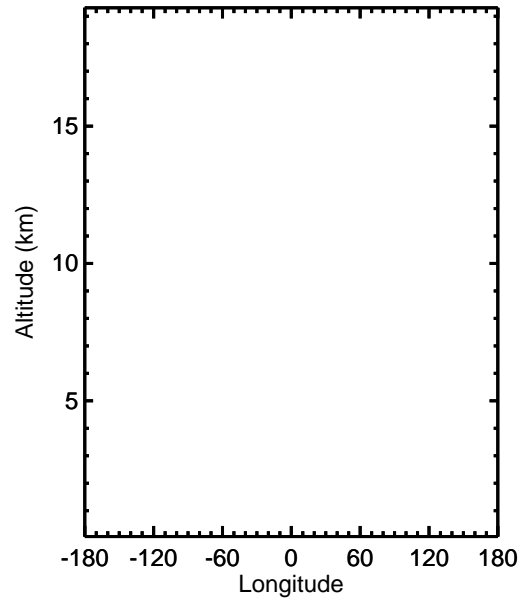


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

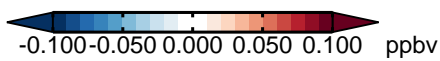
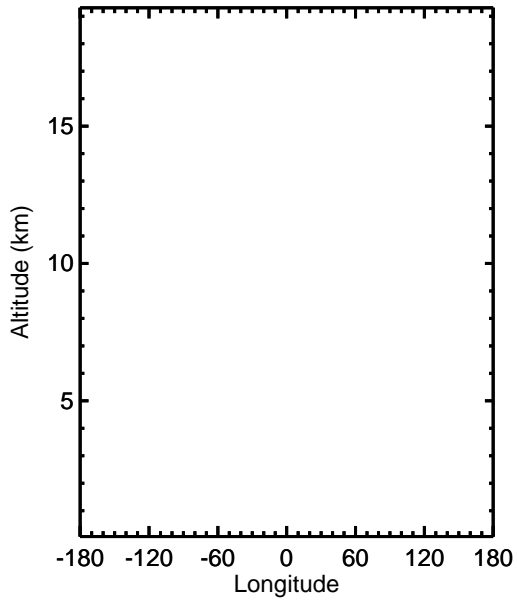
v11-01k-Run0 - v11-01g-Run0  
HOCl - Diff along 15S for Oct



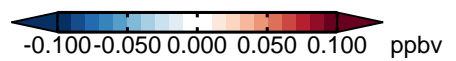
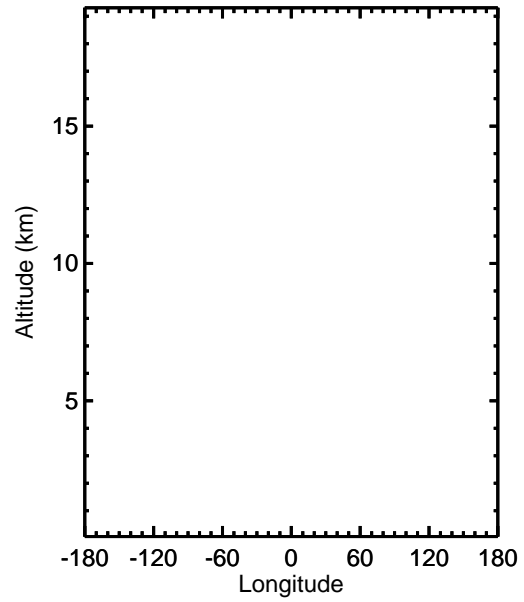
v11-01k-Run0 - v11-01g-Run0  
HOCl - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HOCl - Diff along 15S for Oct

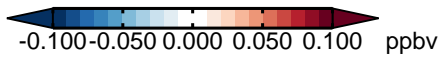
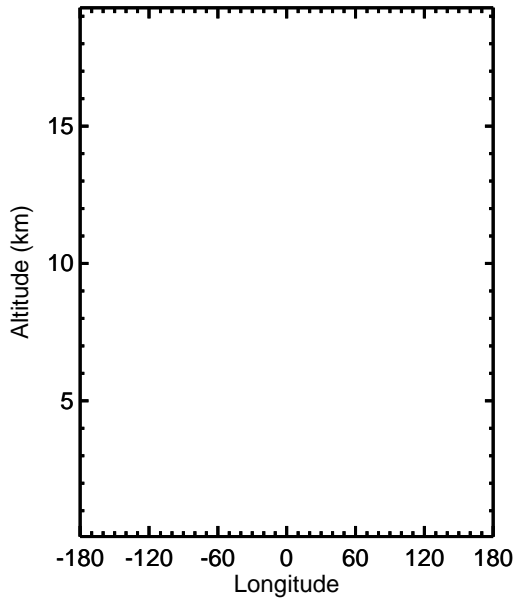


v11-01k-Run0 - v11-01f-geosfp-Run0  
HOCl - Diff along 42N for Oct

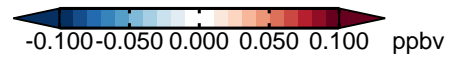
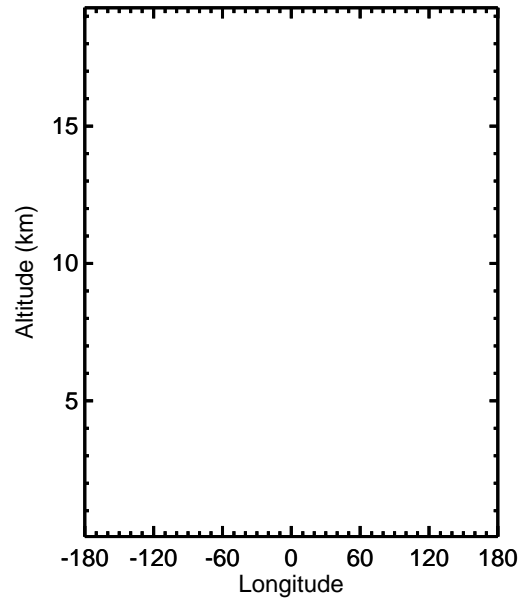


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

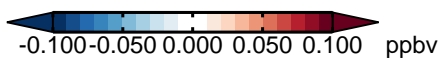
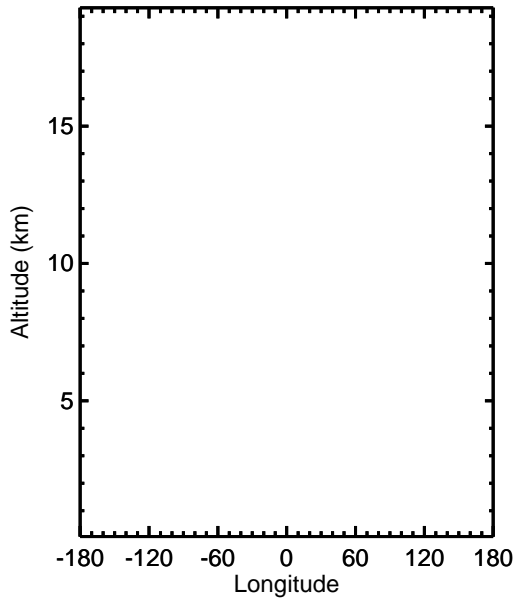
v11-01k-Run0 - v11-01g-Run0  
CINO3 - Diff along 15S for Oct



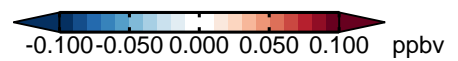
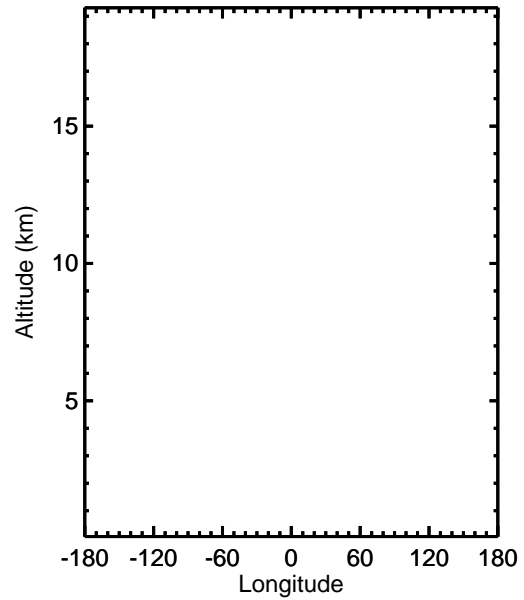
v11-01k-Run0 - v11-01g-Run0  
CINO3 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
CINO3 - Diff along 15S for Oct

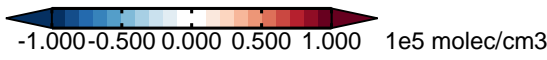
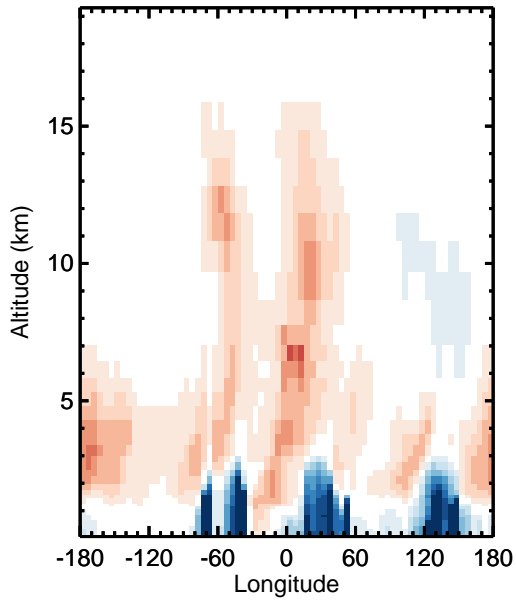


v11-01k-Run0 - v11-01f-geosfp-Run0  
CINO3 - Diff along 42N for Oct

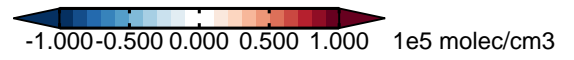
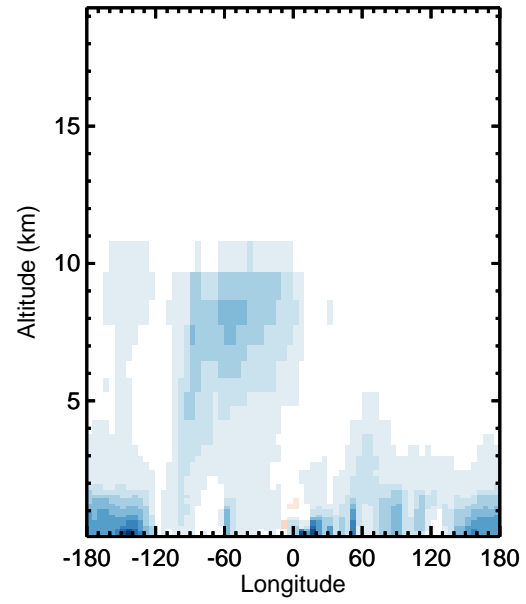


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

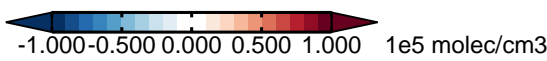
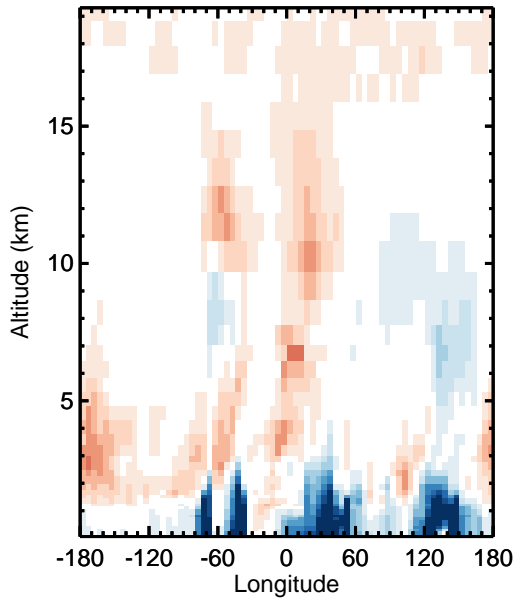
v11-01k-Run0 - v11-01g-Run0  
OH - Diff along 15S for Oct



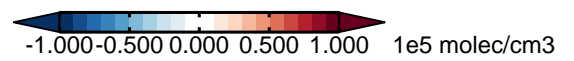
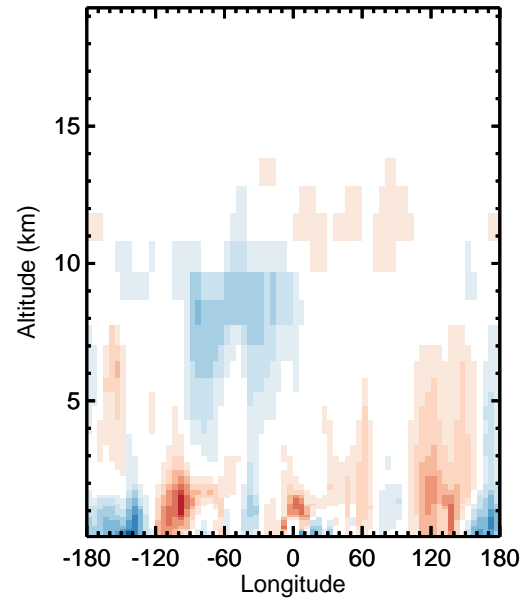
v11-01k-Run0 - v11-01g-Run0  
OH - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
OH - Diff along 15S for Oct

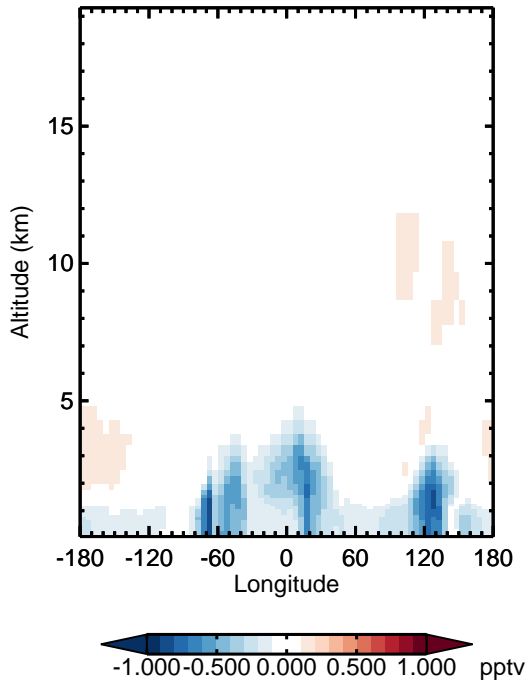


v11-01k-Run0 - v11-01f-geosfp-Run0  
OH - Diff along 42N for Oct

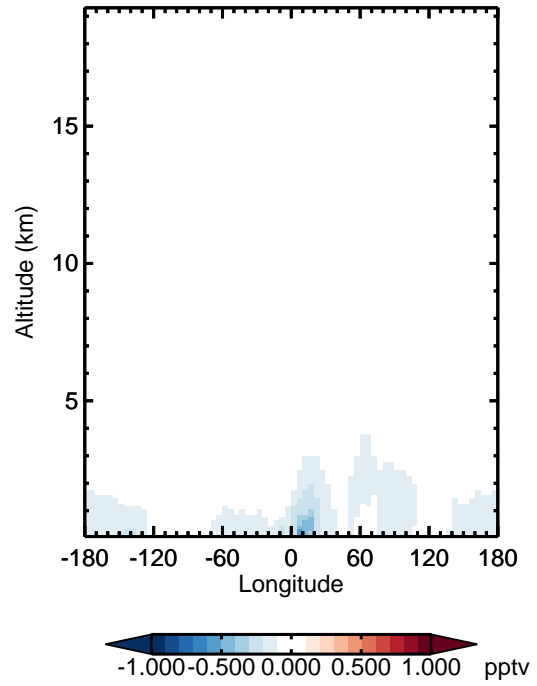


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

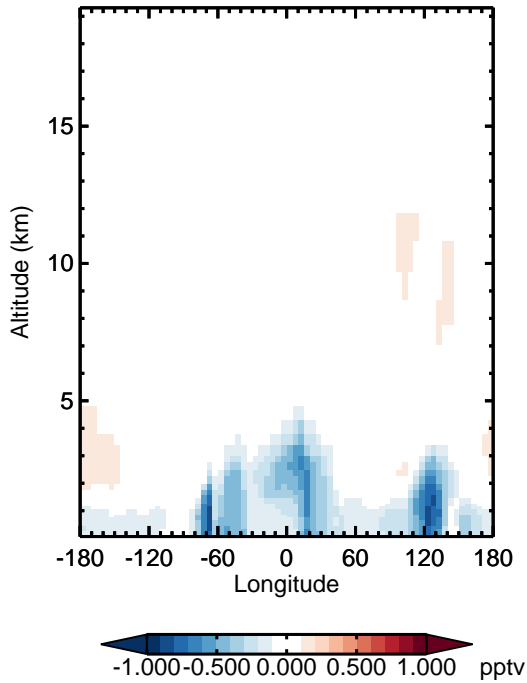
v11-01k-Run0 - v11-01g-Run0  
HO2 - Diff along 15S for Oct



v11-01k-Run0 - v11-01g-Run0  
HO2 - Diff along 42N for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HO2 - Diff along 15S for Oct



v11-01k-Run0 - v11-01f-geosfp-Run0  
HO2 - Diff along 42N for Oct

