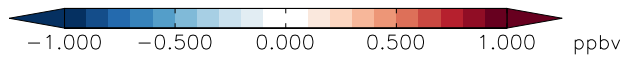
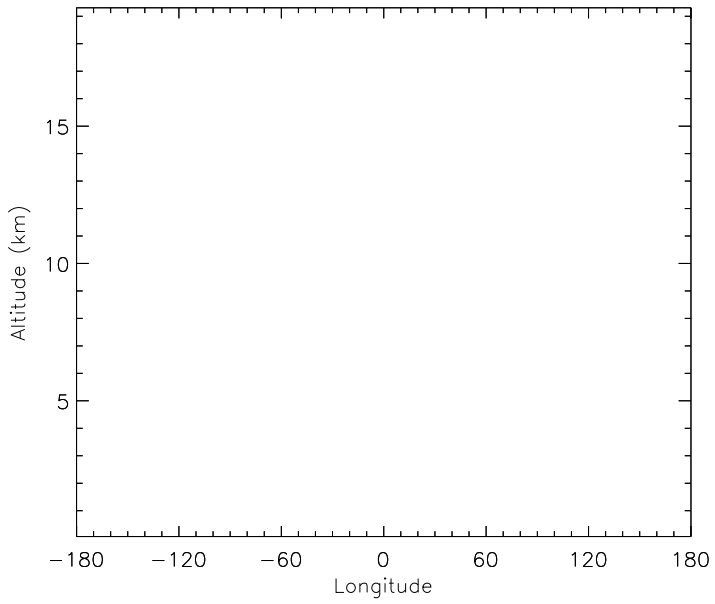


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

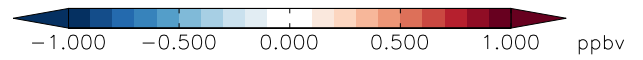
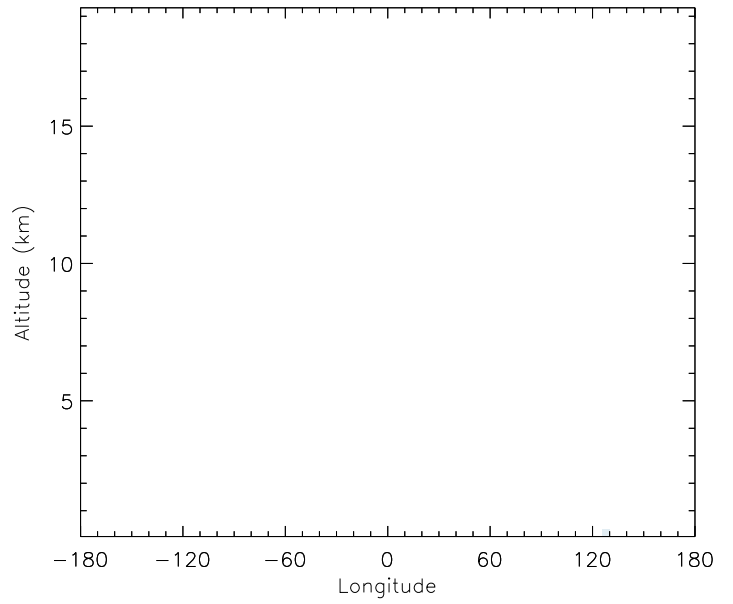
v11-01f-geosp-Run0 - v11-01d-Run1

NO - Diff along 15S for Apr



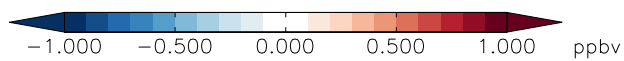
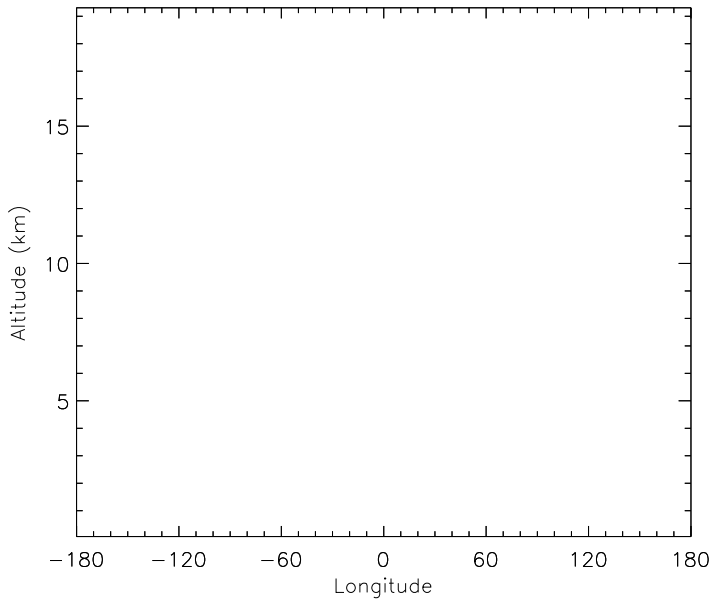
v11-01f-geosp-Run0 - v11-01d-Run1

NO - Diff along 42N for Apr



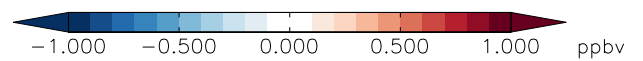
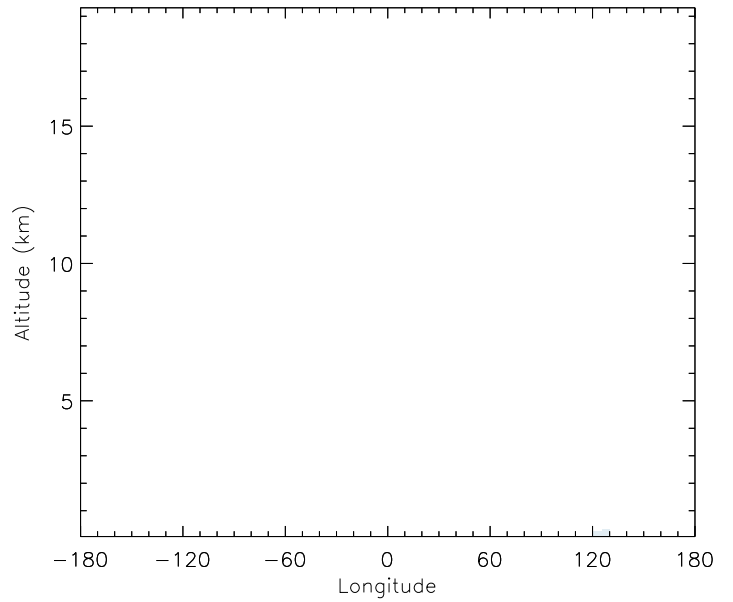
v11-01f-geosp-Run0 - v11-01b-Run0

NO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

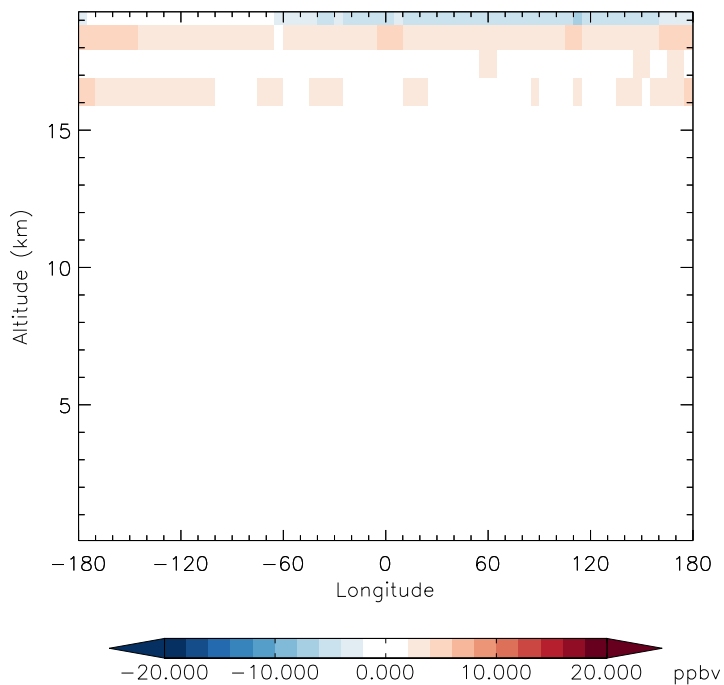
NO - Diff along 42N for Apr



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

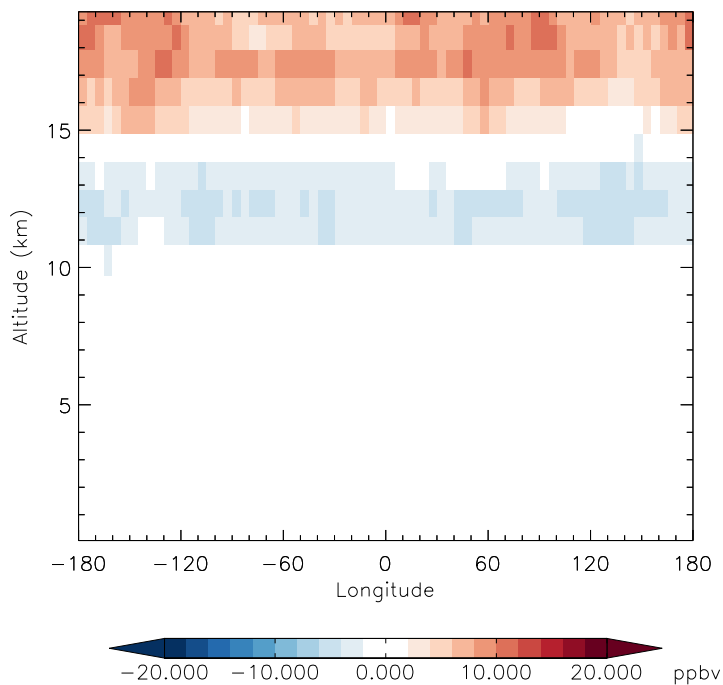
v11-01f-geosp-Run0 - v11-01d-Run1

O3 - Diff along 15S for Apr



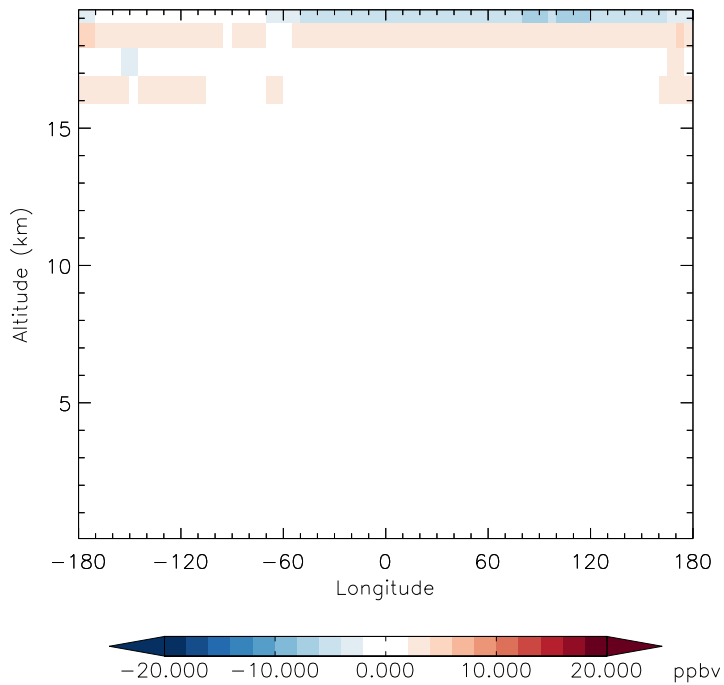
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O3 - Diff along 42N for Apr



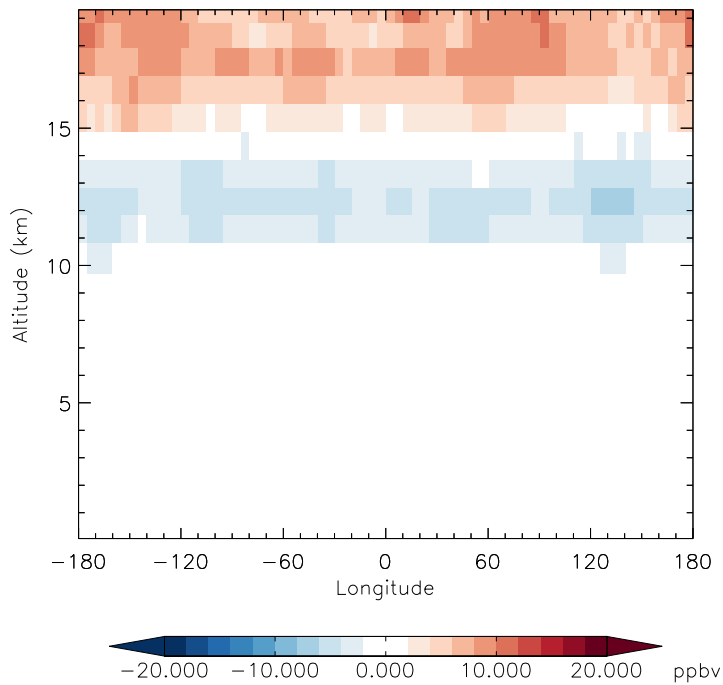
v11-01f-geosp-Run0 - v11-01b-Run0

O3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

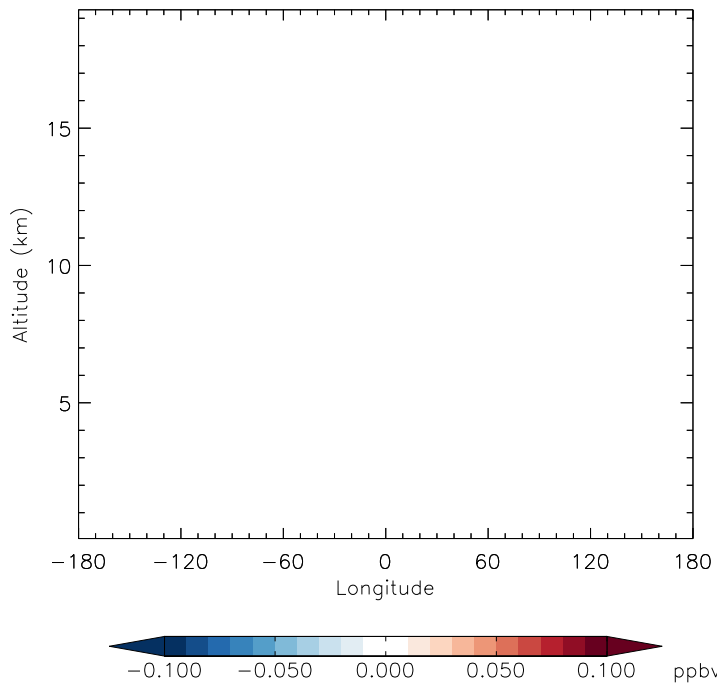
O3 - Diff along 42N for Apr



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

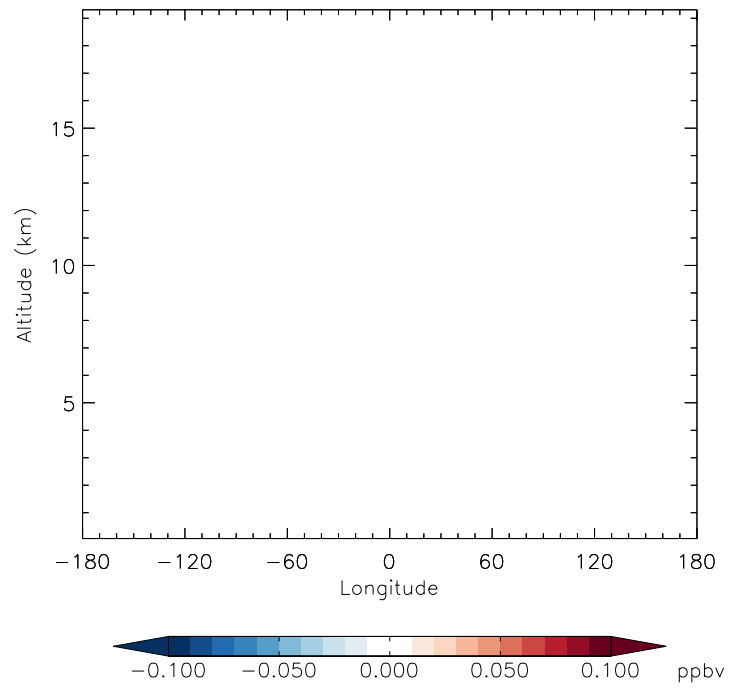
v11-01f-geosp-Run0 - v11-01d-Run1

PAN - Diff along 15S for Apr



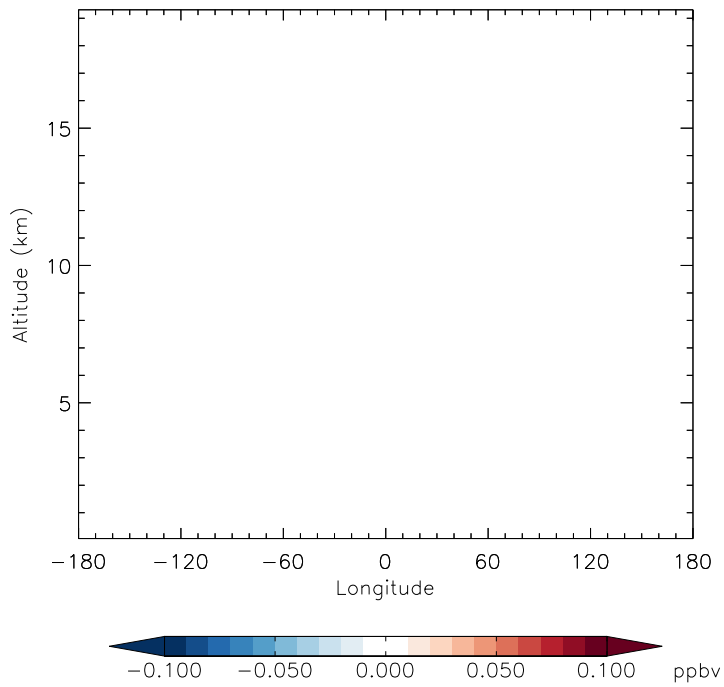
v11-01f-geosp-Run0 - v11-01d-Run1

PAN - Diff along 42N for Apr



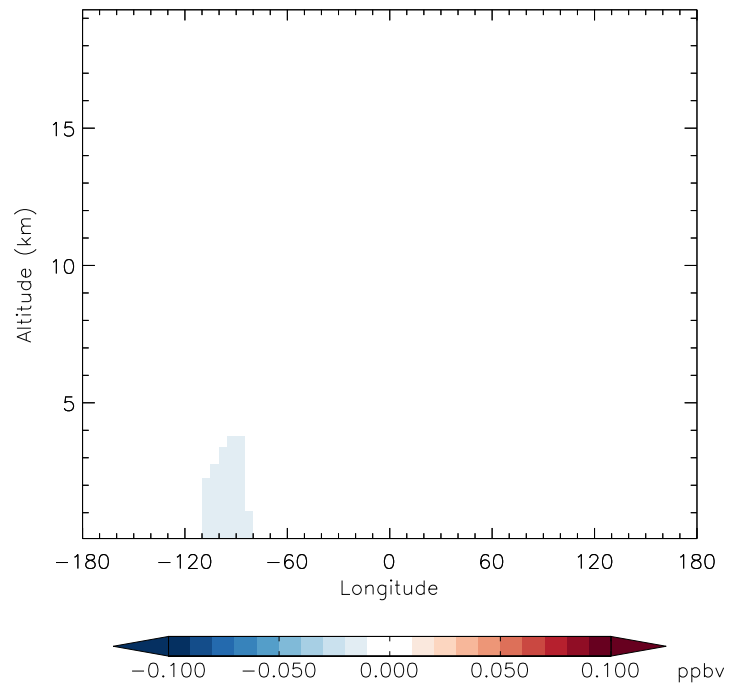
v11-01f-geosp-Run0 - v11-01b-Run0

PAN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

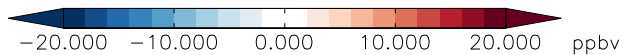
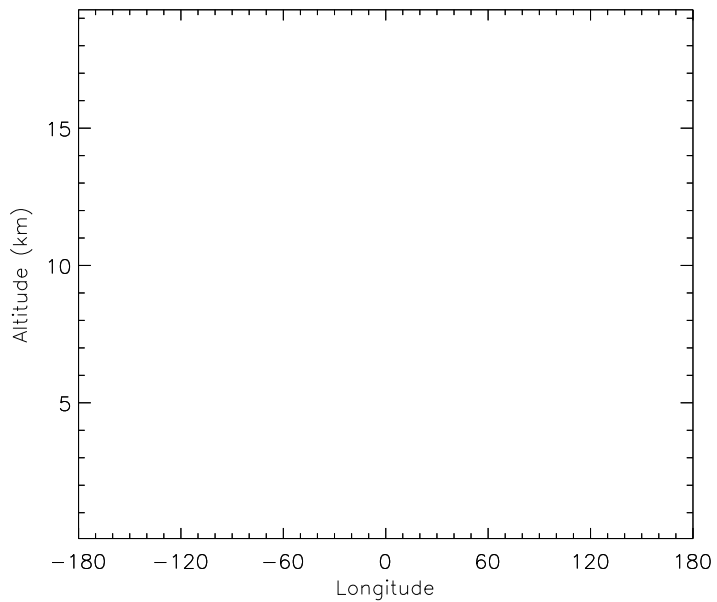
PAN - Diff along 42N for Apr



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

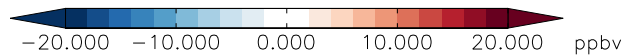
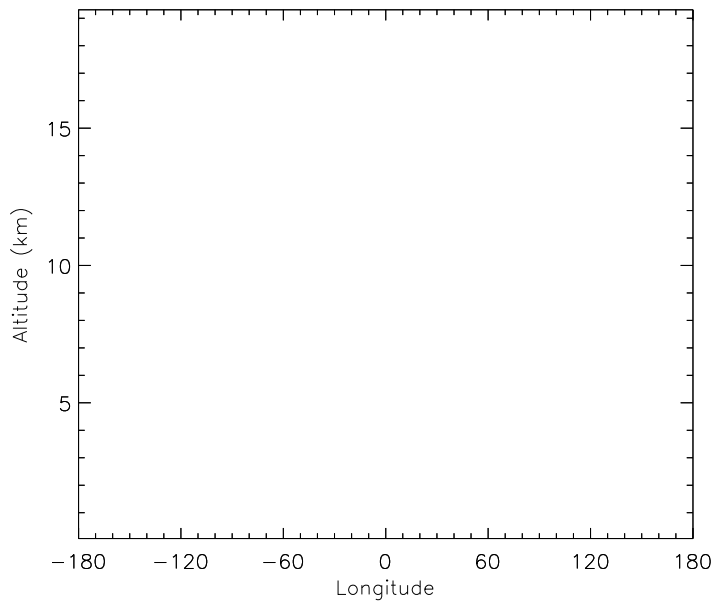
v11-01f-geosp-Run0 - v11-01d-Run1

CO - Diff along 15S for Apr



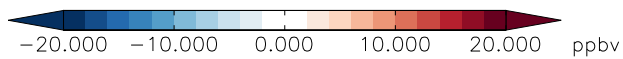
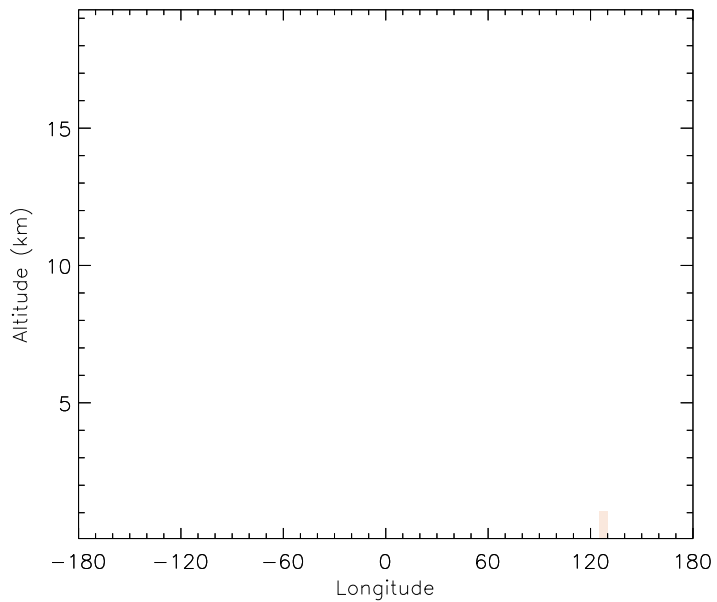
v11-01f-geosp-Run0 - v11-01d-Run1

CO - Diff along 42N for Apr



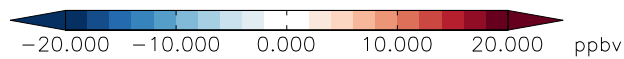
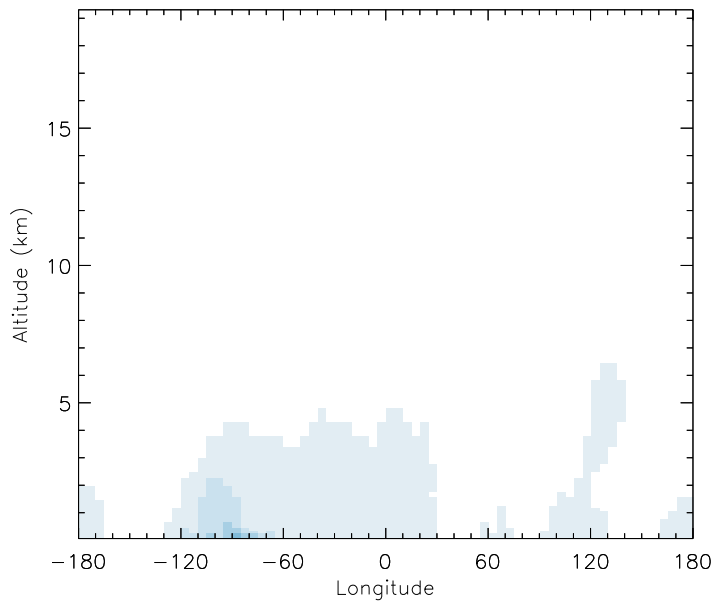
v11-01f-geosp-Run0 - v11-01b-Run0

CO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

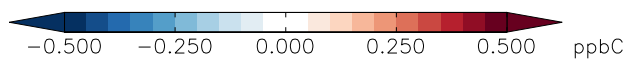
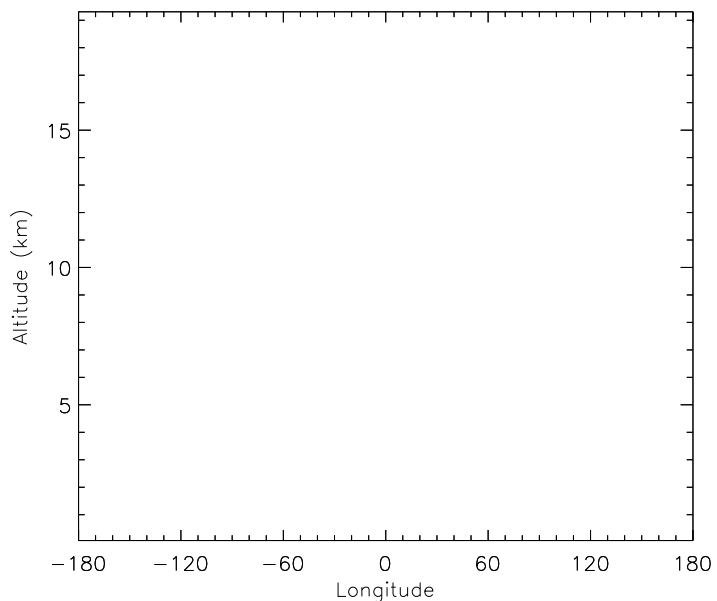
CO - Diff along 42N for Apr



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

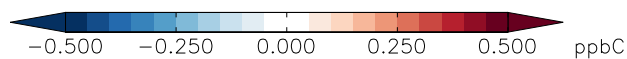
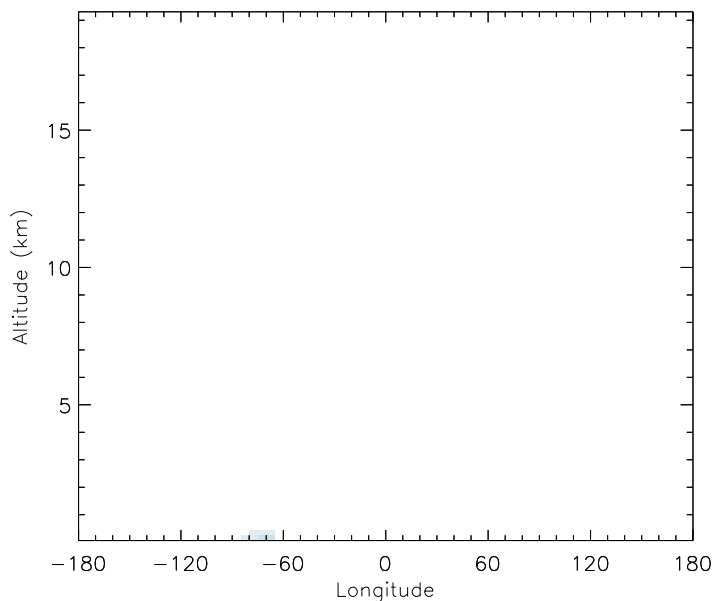
v11-01f-geosp-Run0 - v11-01d-Run1

ALK4 - Diff along 15S for Apr



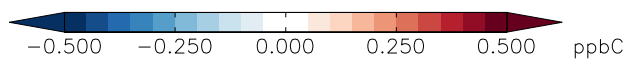
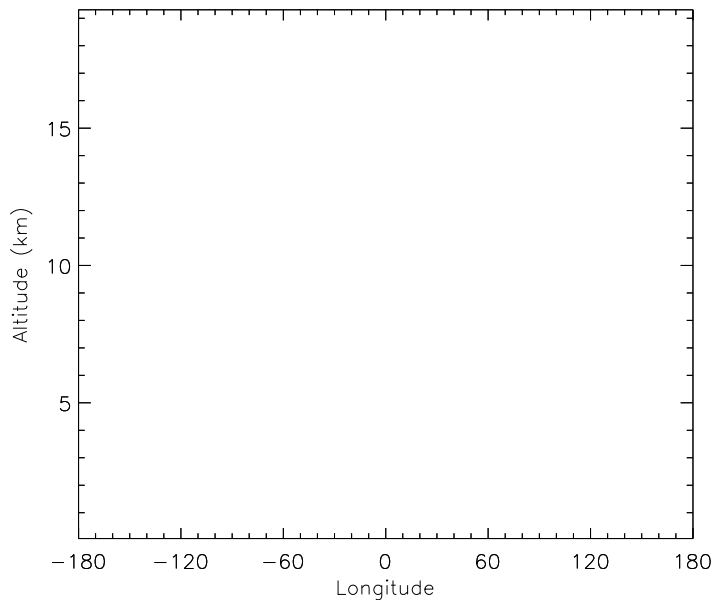
v11-01f-geosp-Run0 - v11-01d-Run1

ALK4 - Diff along 42N for Apr



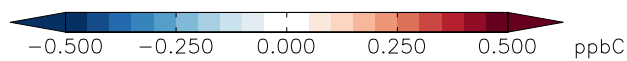
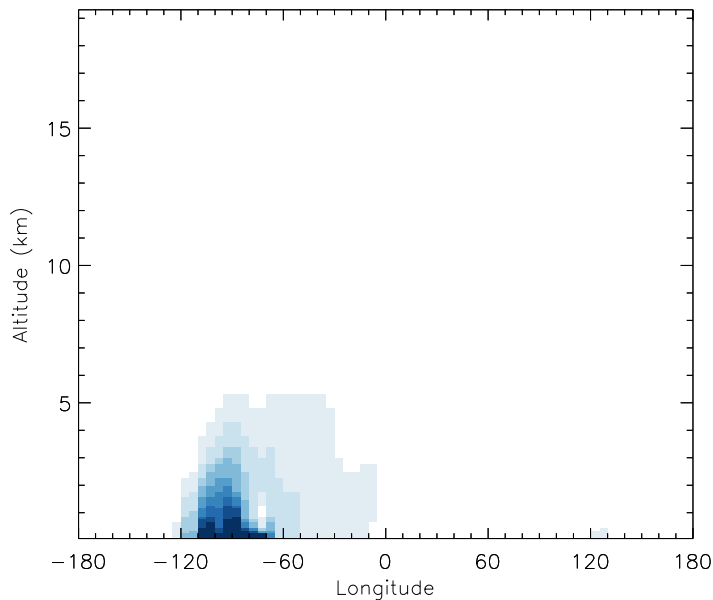
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ALK4 - Diff along 15S for Apr



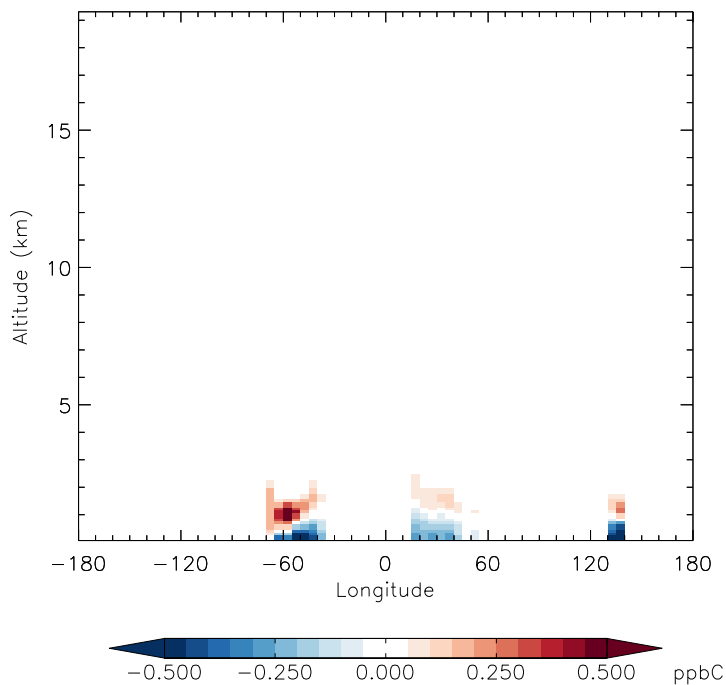
v11-01f-geosp-Run0 - v11-01b-Run0

ALK4 - Diff along 42N for Apr

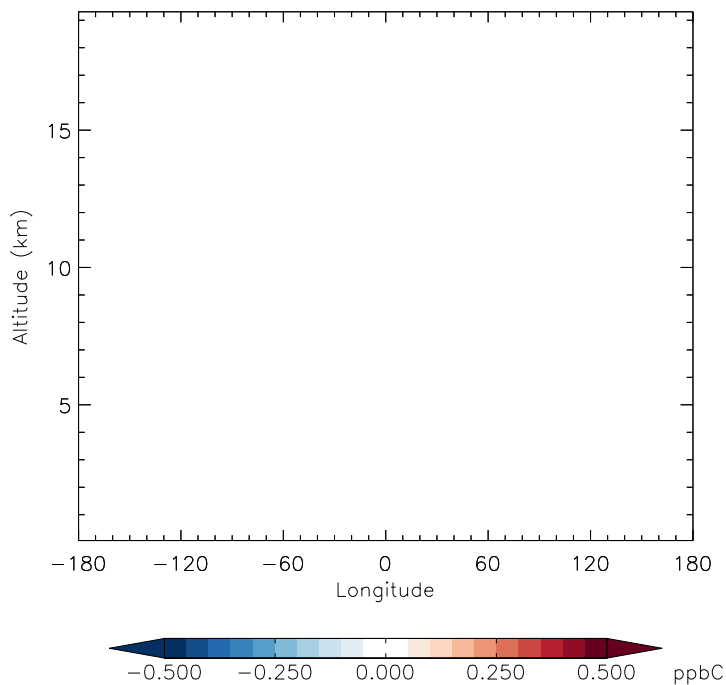


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

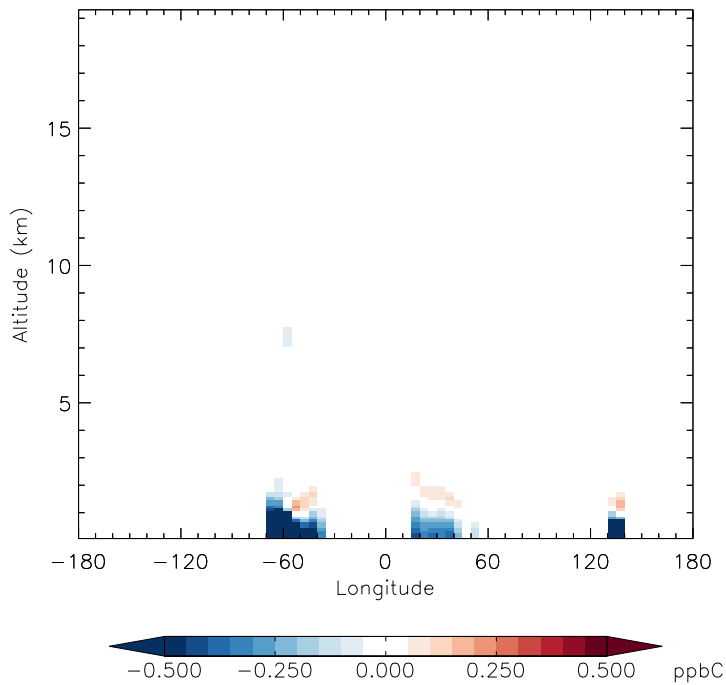
v11-01f-geosp-Run0 - v11-01d-Run1  
ISOP - Diff along 15S for Apr



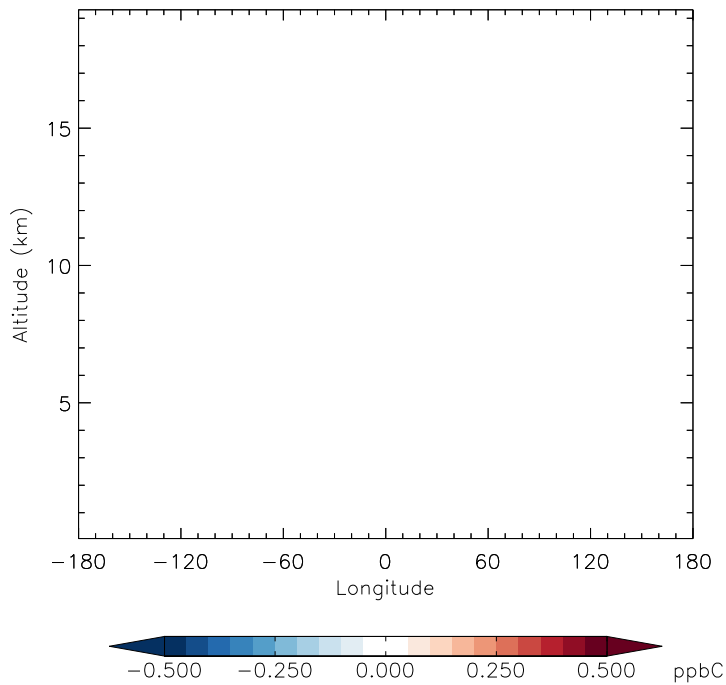
v11-01f-geosp-Run0 - v11-01d-Run1  
ISOP - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
ISOP - Diff along 15S for Apr

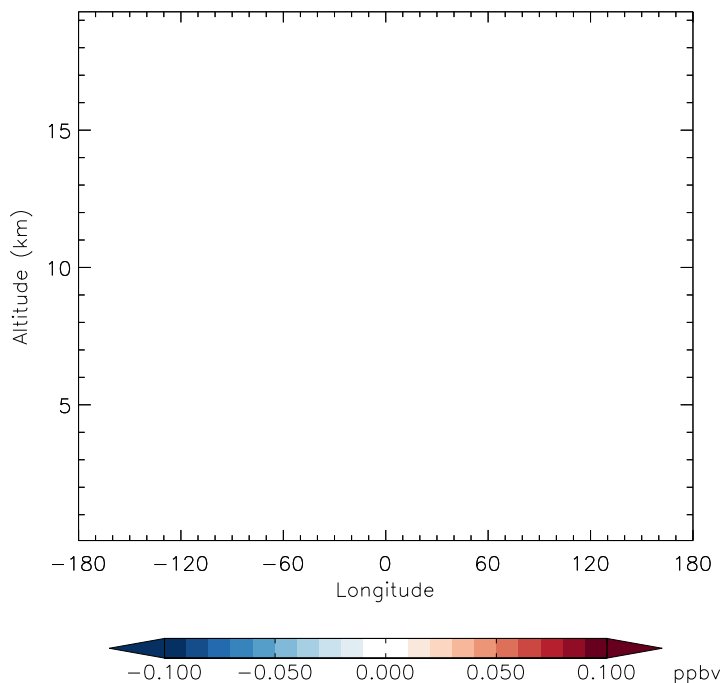


v11-01f-geosp-Run0 - v11-01b-Run0  
ISOP - Diff along 42N for Apr

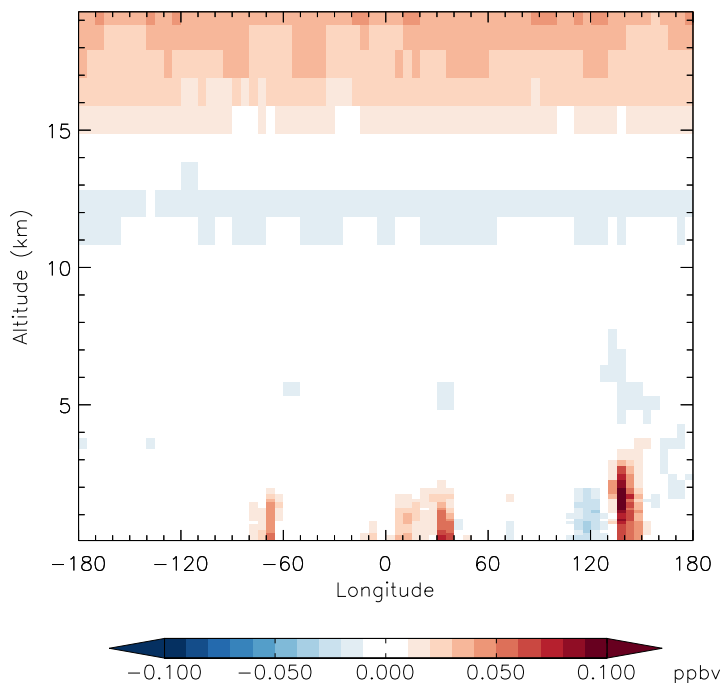


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

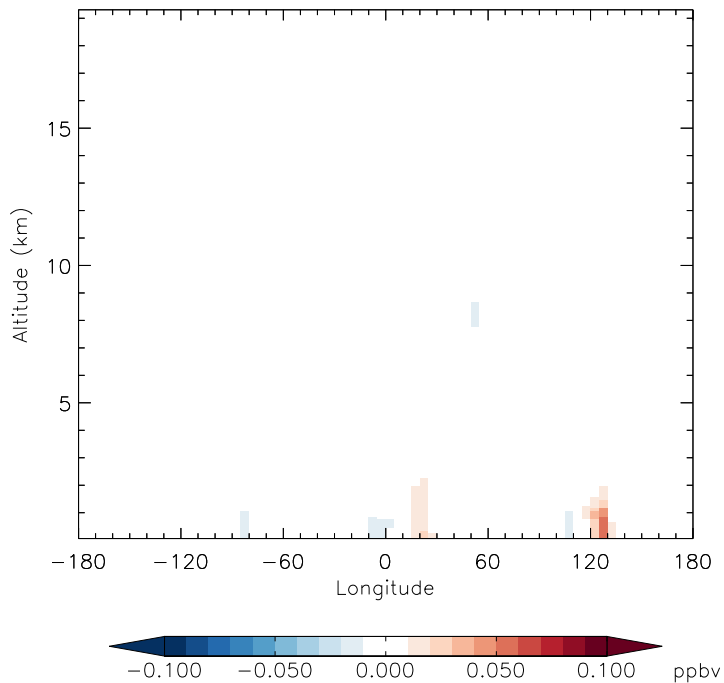
v11-01f-geosp-Run0 - v11-01d-Run1  
HNO<sub>3</sub> - Diff along 15S for Apr



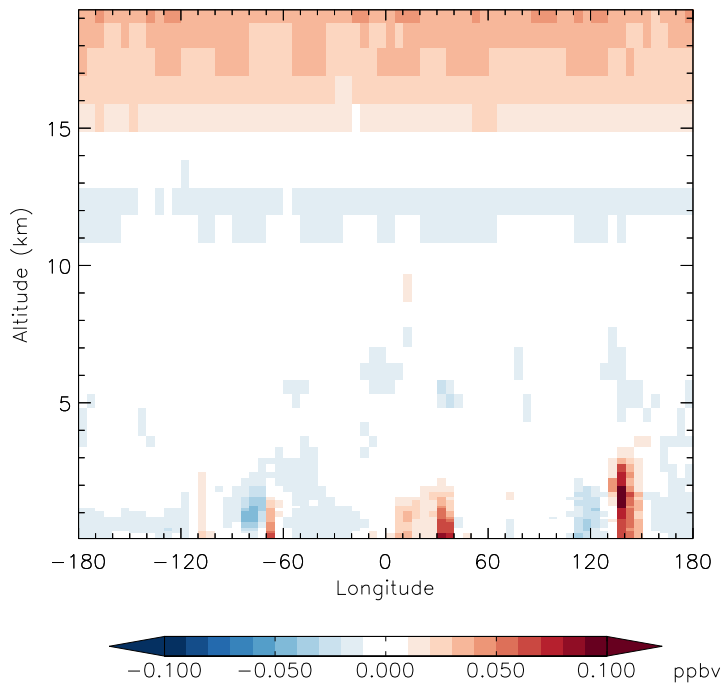
v11-01f-geosp-Run0 - v11-01d-Run1  
HNO<sub>3</sub> - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
HNO<sub>3</sub> - Diff along 15S for Apr

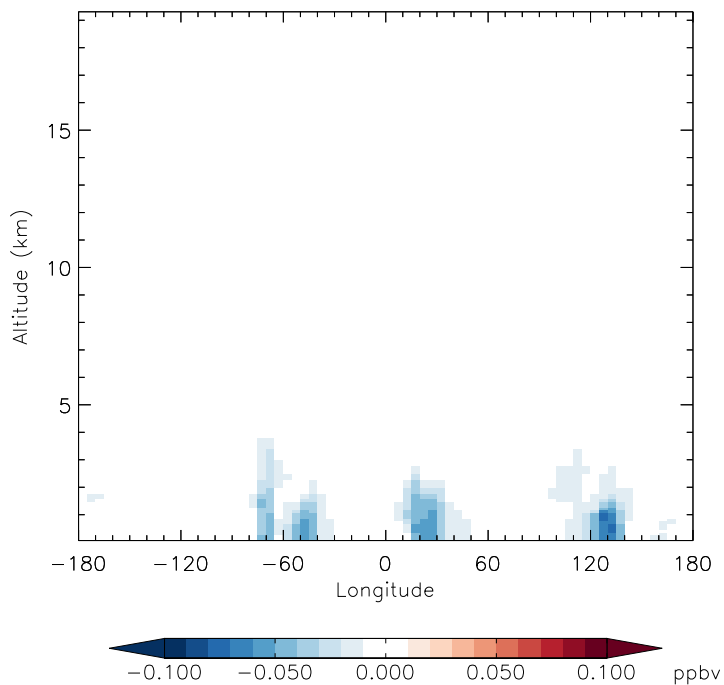


v11-01f-geosp-Run0 - v11-01b-Run0  
HNO<sub>3</sub> - Diff along 42N for Apr

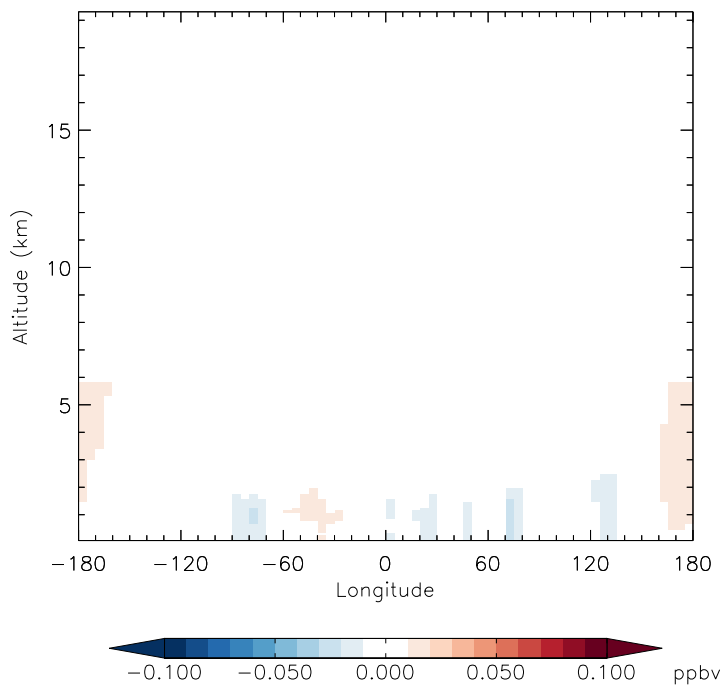


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

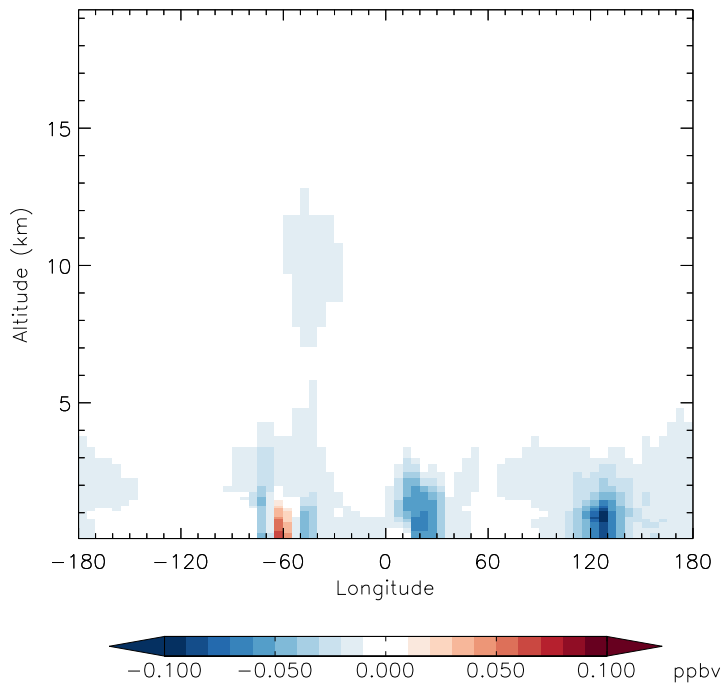
v11-01f-geosp-Run0 - v11-01d-Run1  
H2O2 - Diff along 15S for Apr



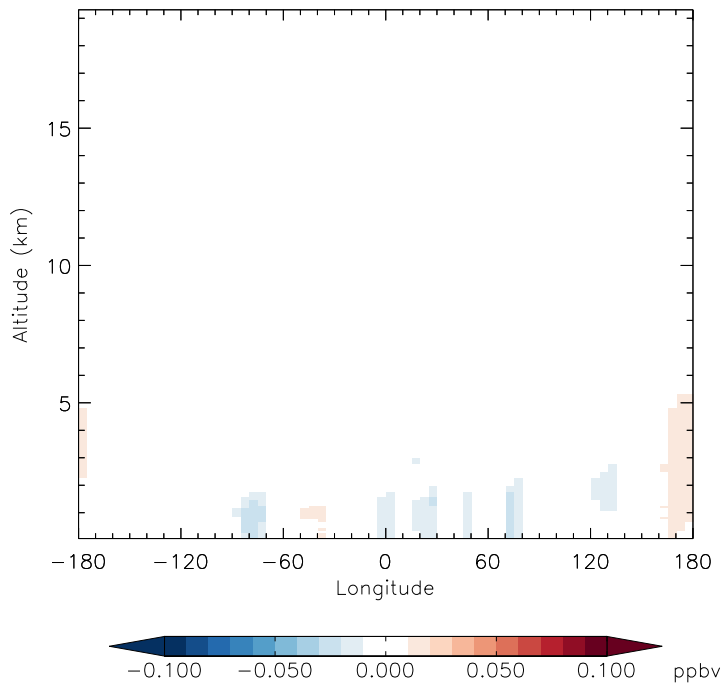
v11-01f-geosp-Run0 - v11-01d-Run1  
H2O2 - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
H2O2 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
H2O2 - Diff along 42N for Apr

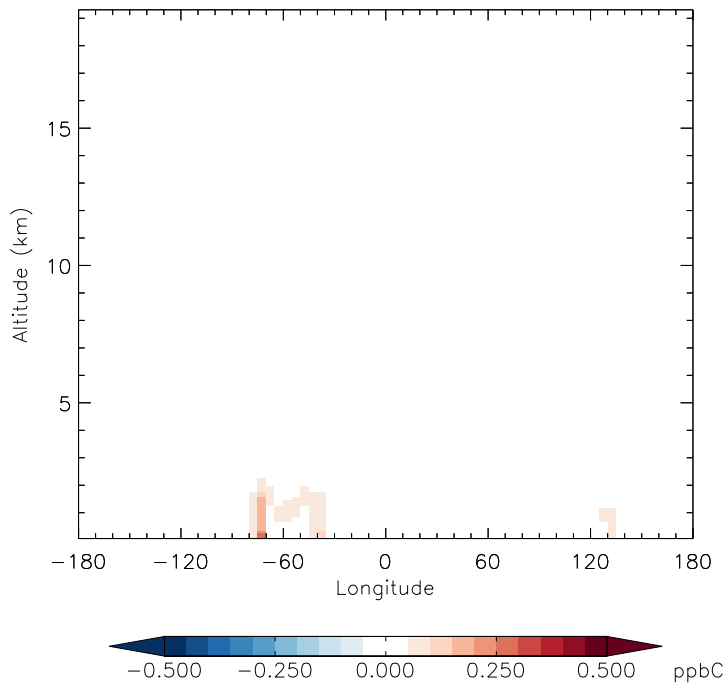




GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

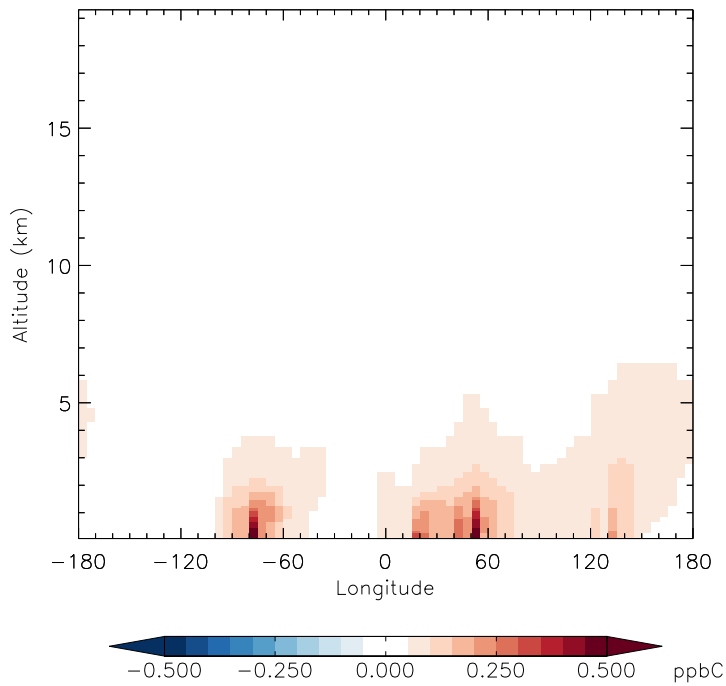
v11-01f-geosfp-Run0 - v11-01d-Run1

ACET - Diff along 15S for Apr



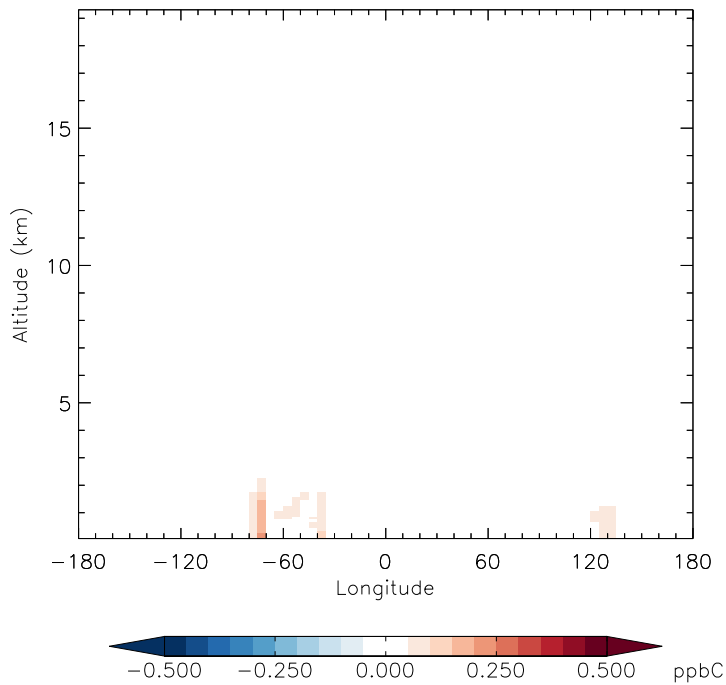
v11-01f-geosfp-Run0 - v11-01d-Run1

ACET - Diff along 42N for Apr



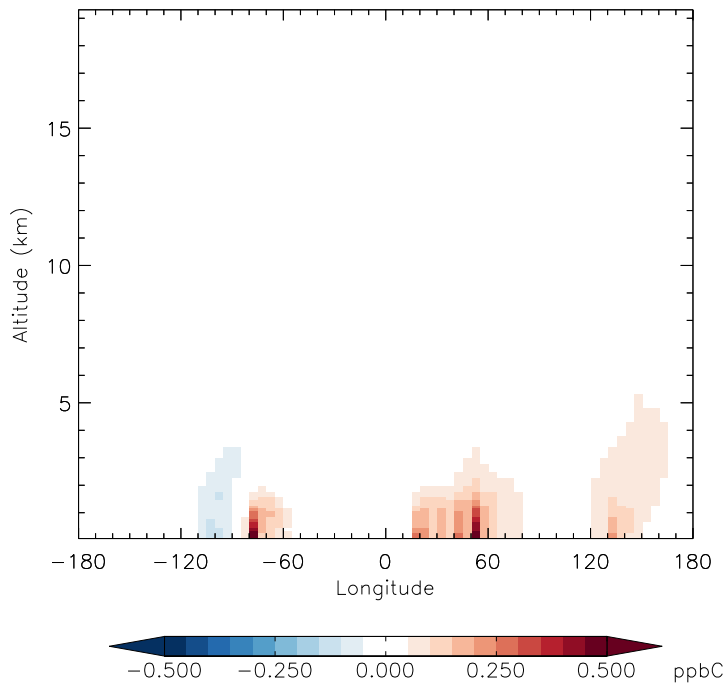
v11-01f-geosfp-Run0 - v11-01b-Run0

ACET - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

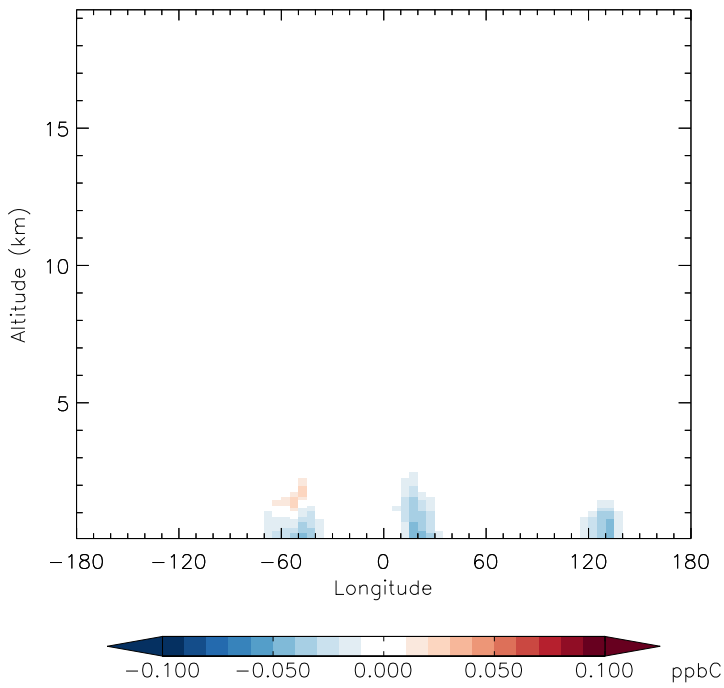
ACET - Diff along 42N for Apr



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

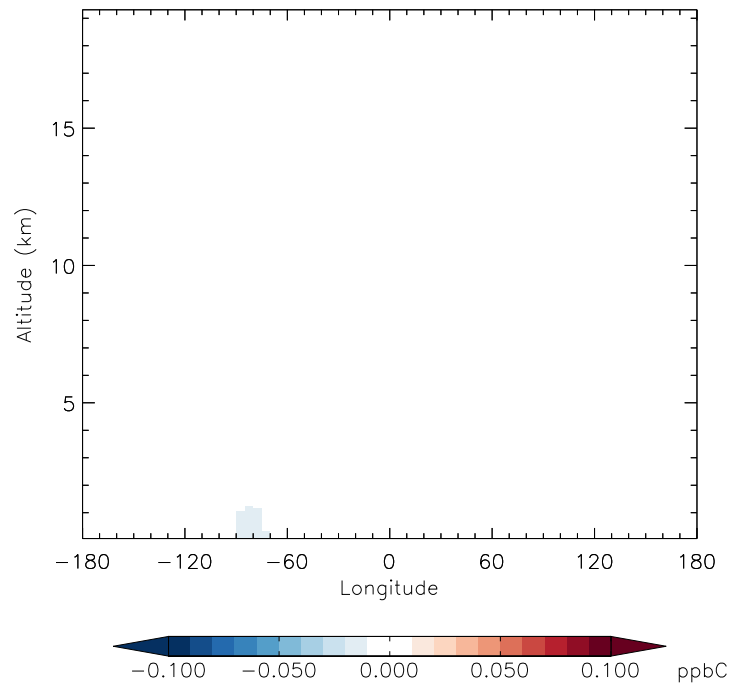
v11-01f-geosp-Run0 - v11-01d-Run1

MEK - Diff along 15S for Apr



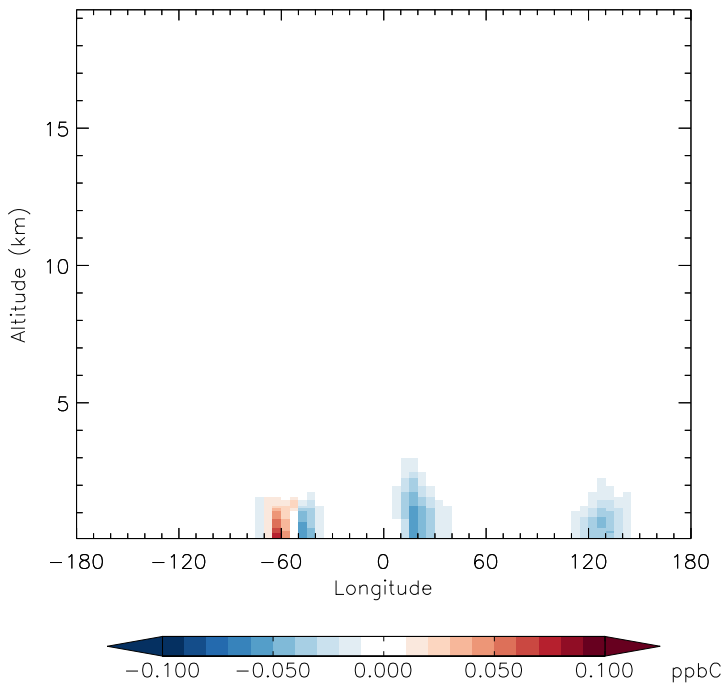
v11-01f-geosp-Run0 - v11-01d-Run1

MEK - Diff along 42N for Apr



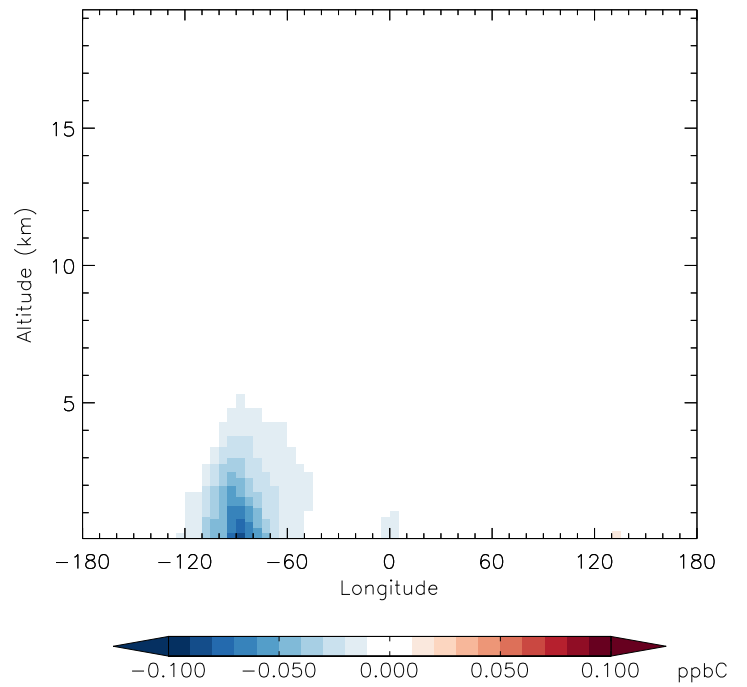
v11-01f-geosp-Run0 - v11-01b-Run0

MEK - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

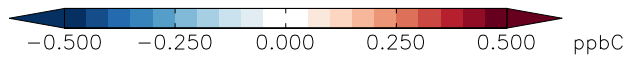
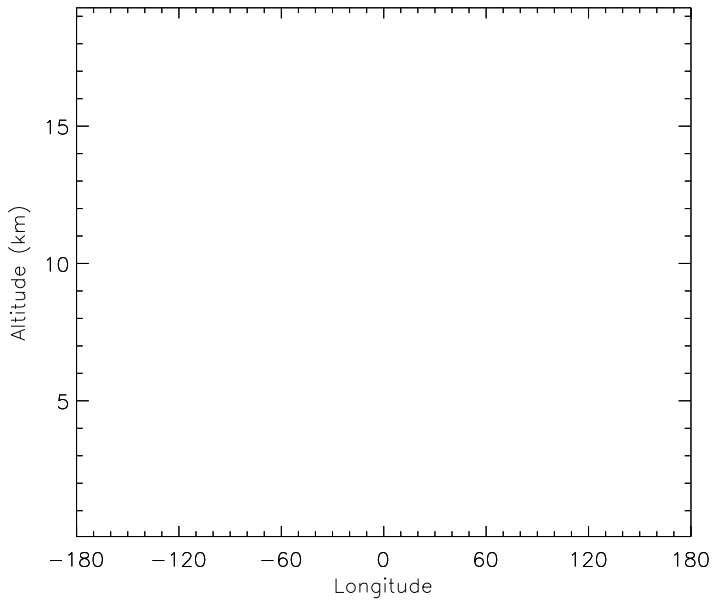
MEK - Diff along 42N for Apr



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

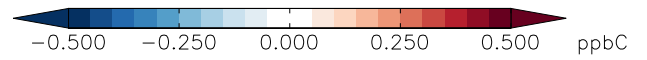
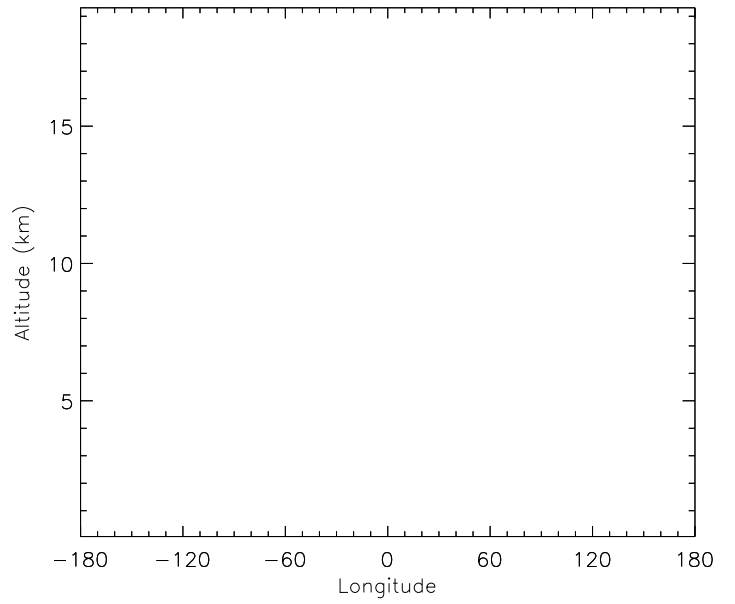
v11-01f-geosfp-Run0 - v11-01d-Run1

ALD2 - Diff along 15S for Apr



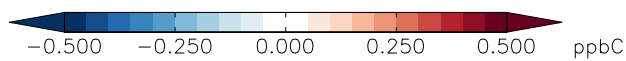
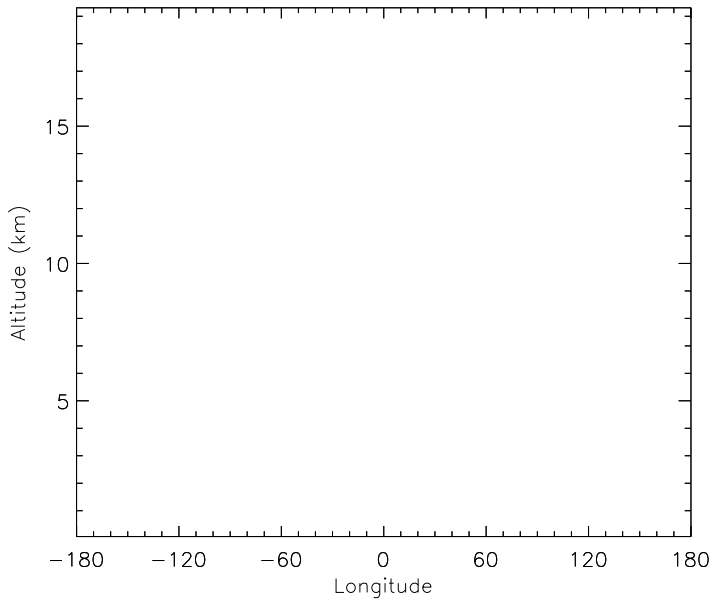
v11-01f-geosfp-Run0 - v11-01d-Run1

ALD2 - Diff along 42N for Apr



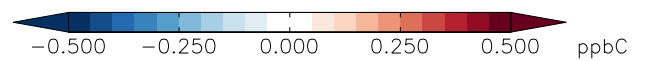
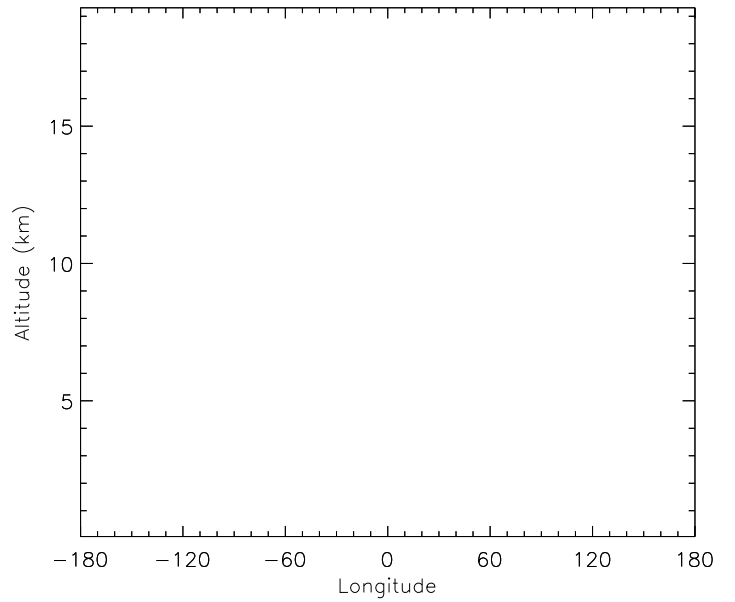
v11-01f-geosfp-Run0 - v11-01b-Run0

ALD2 - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

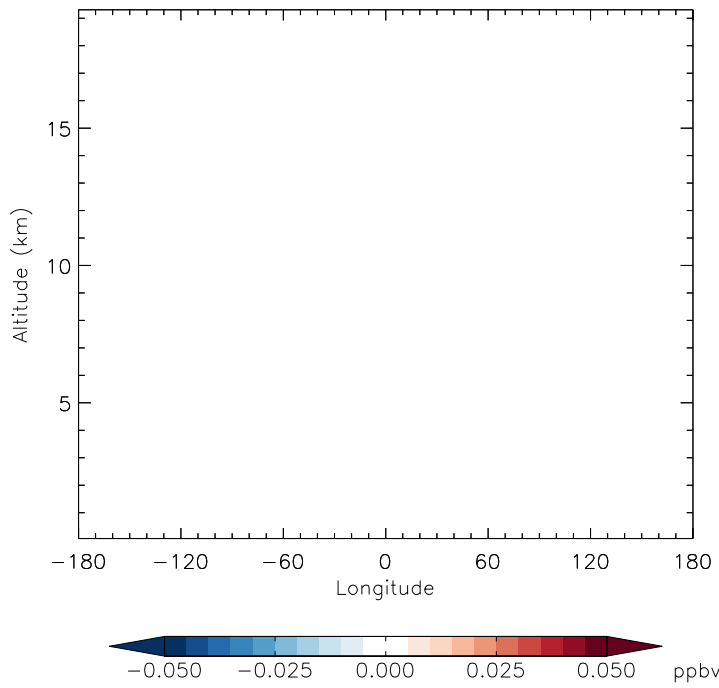
ALD2 - Diff along 42N for Apr



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

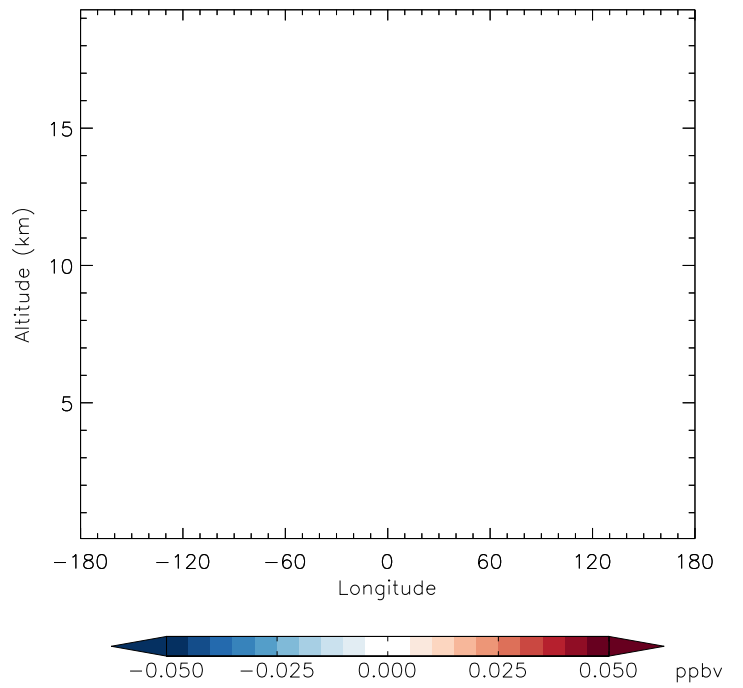
v11-01f-geosp-Run0 - v11-01d-Run1

RCHO - Diff along 15S for Apr



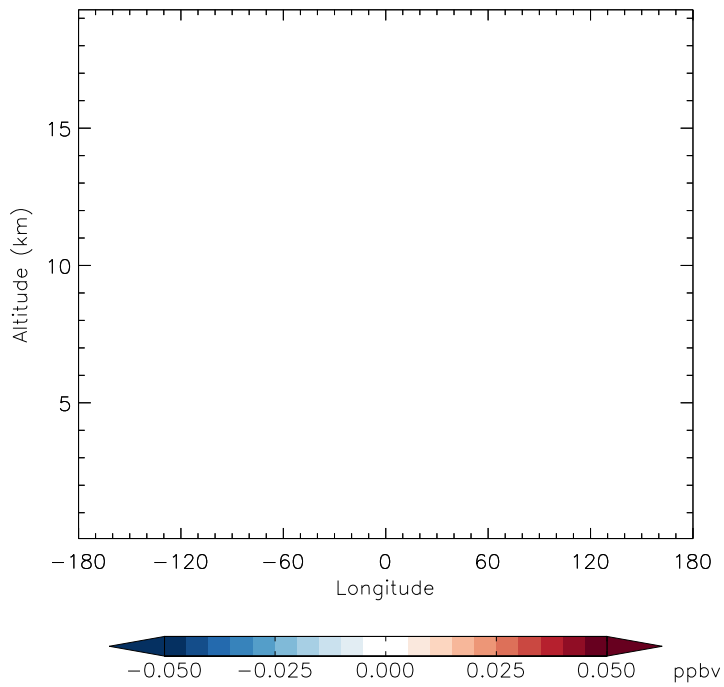
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RCHO - Diff along 42N for Apr



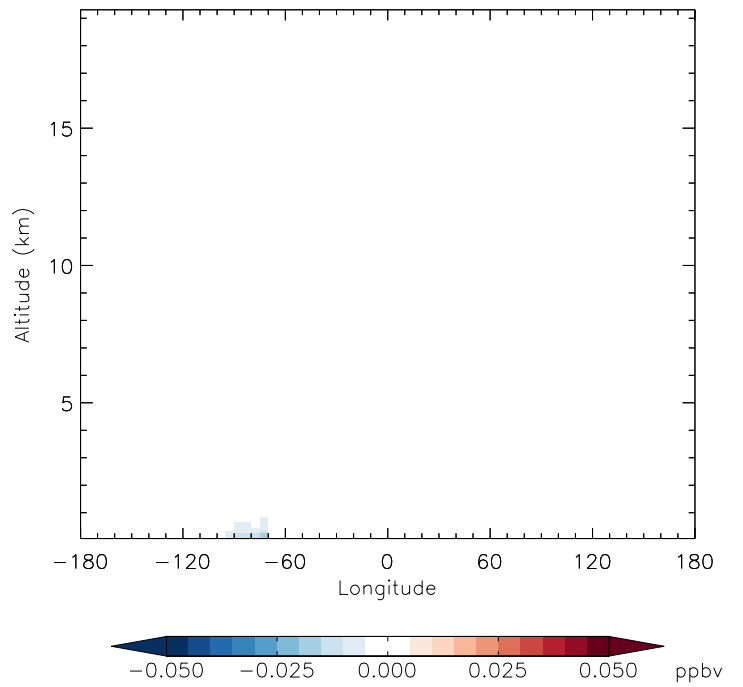
v11-01f-geosp-Run0 - v11-01b-Run0

RCHO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

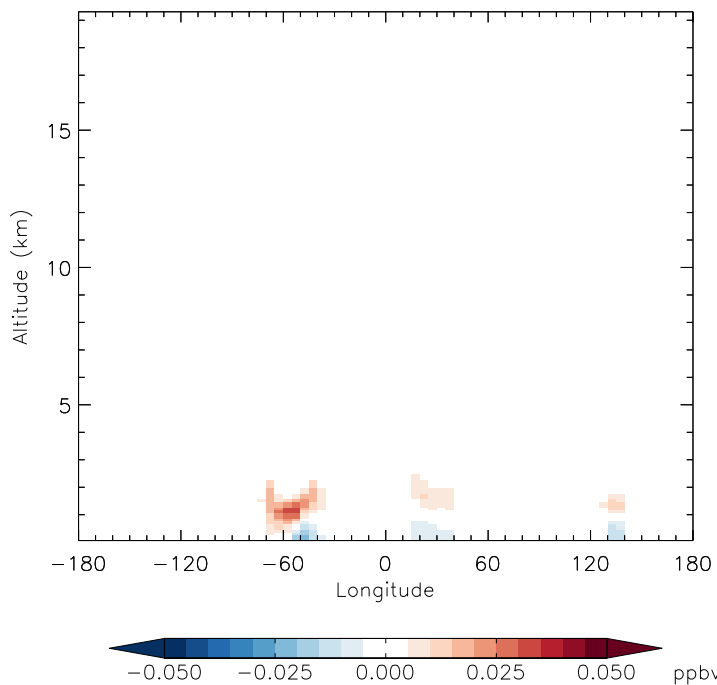
RCHO - Diff along 42N for Apr



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

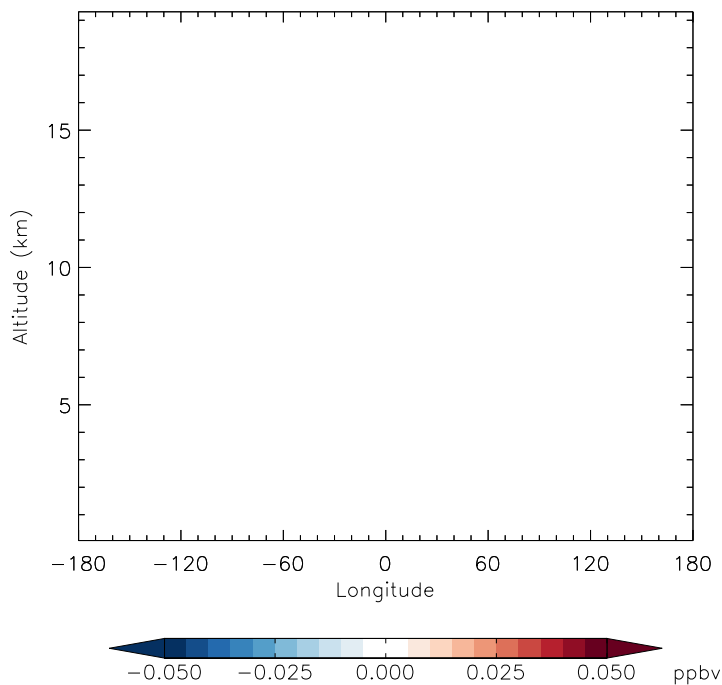
v11-01f-geosp-Run0 - v11-01d-Run1

MVK - Diff along 15S for Apr



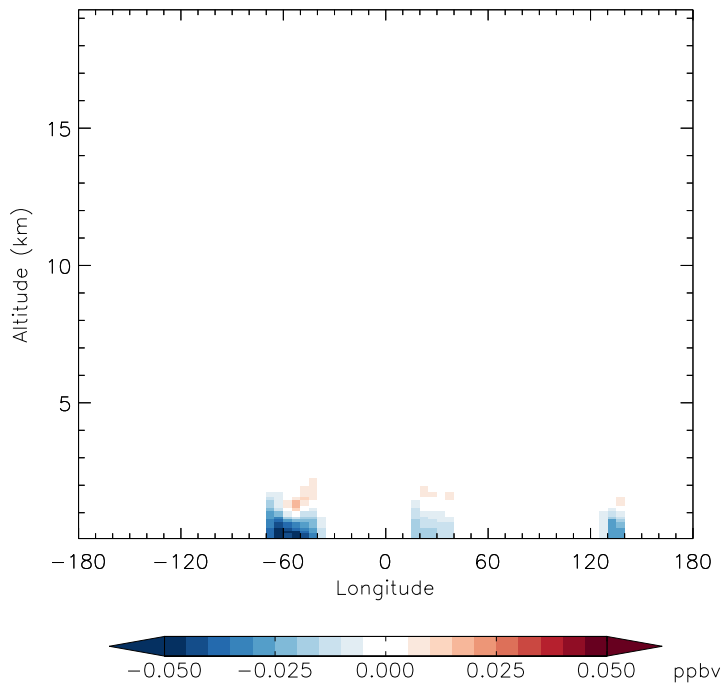
v11-01f-geosp-Run0 - v11-01d-Run1

MVK - Diff along 42N for Apr



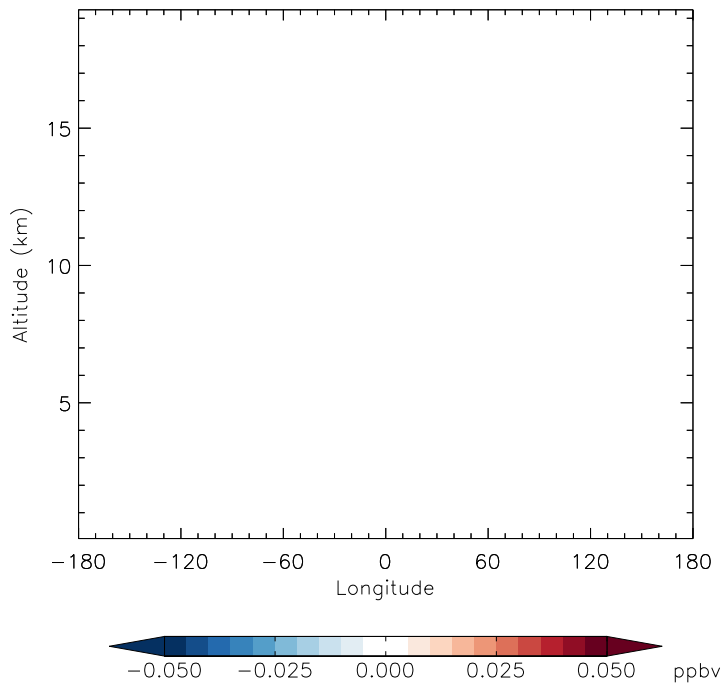
v11-01f-geosp-Run0 - v11-01b-Run0

MVK - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

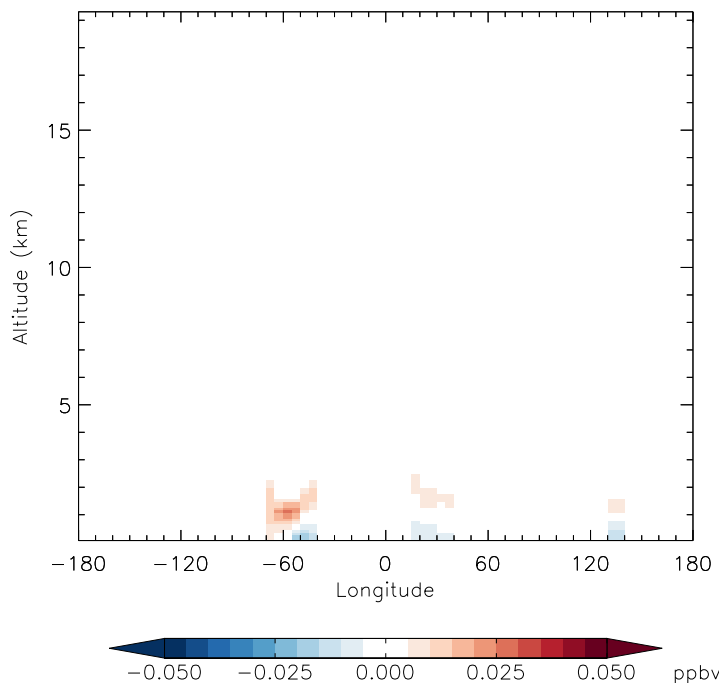
MVK - Diff along 42N for Apr



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

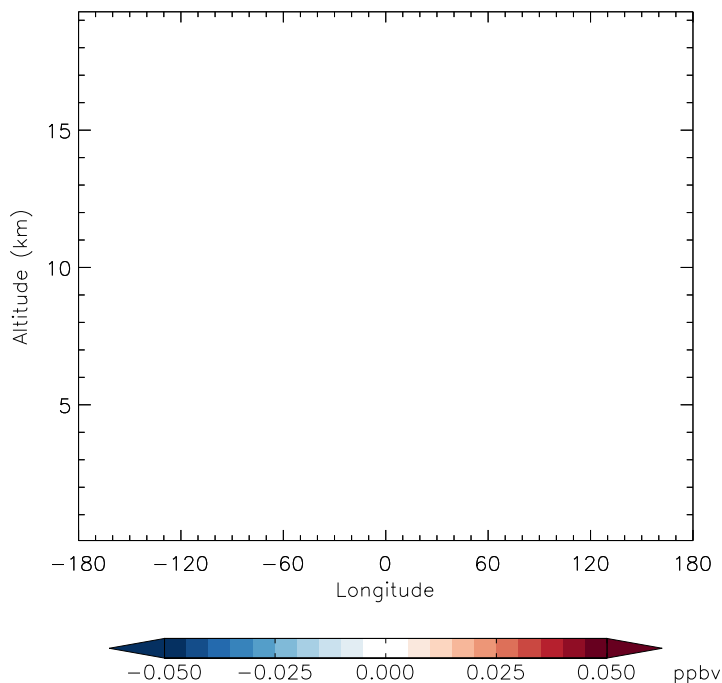
v11-01f-geosp-Run0 - v11-01d-Run1

MACR - Diff along 15S for Apr



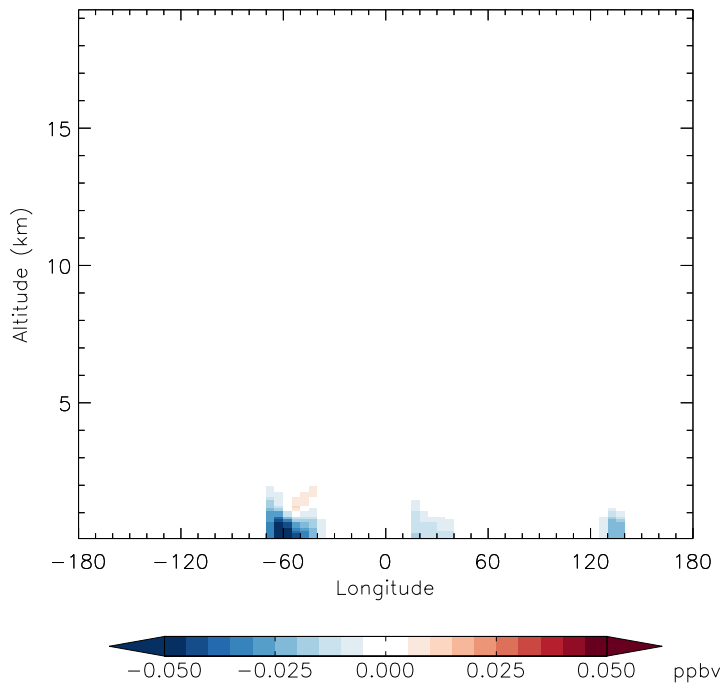
v11-01f-geosp-Run0 - v11-01d-Run1

MACR - Diff along 42N for Apr



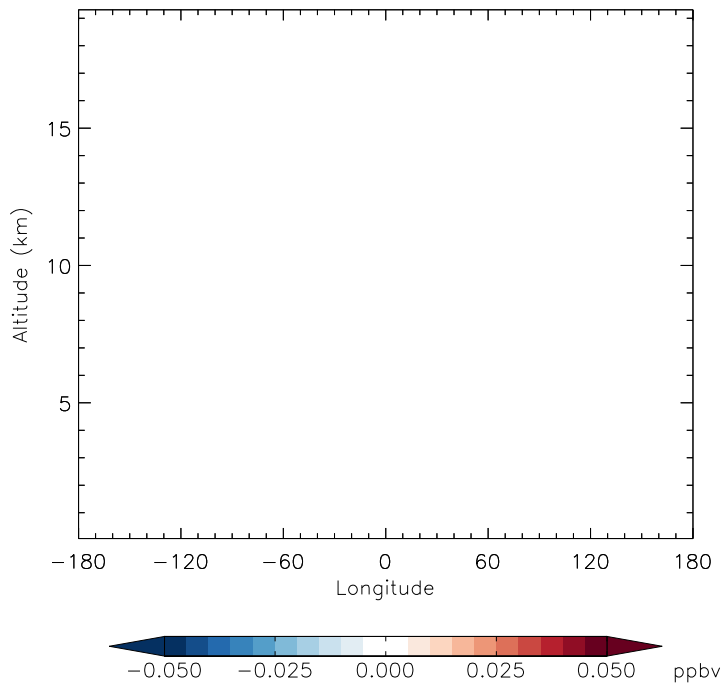
v11-01f-geosp-Run0 - v11-01b-Run0

MACR - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

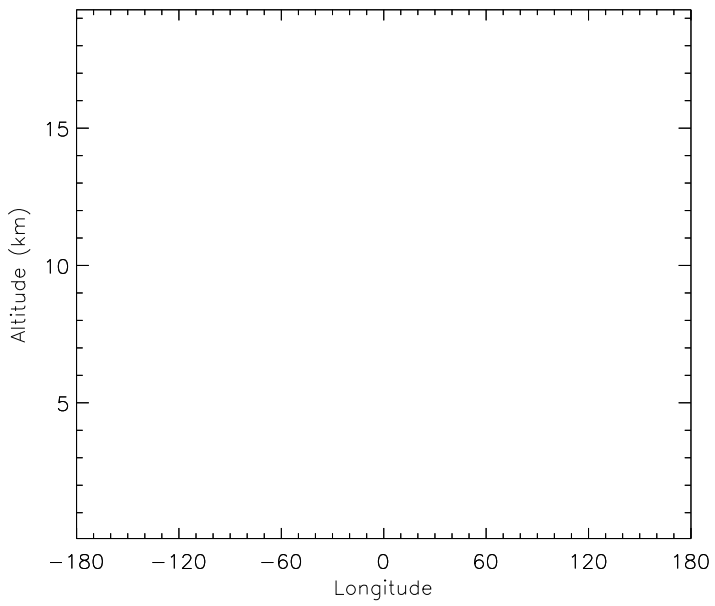
MACR - Diff along 42N for Apr



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

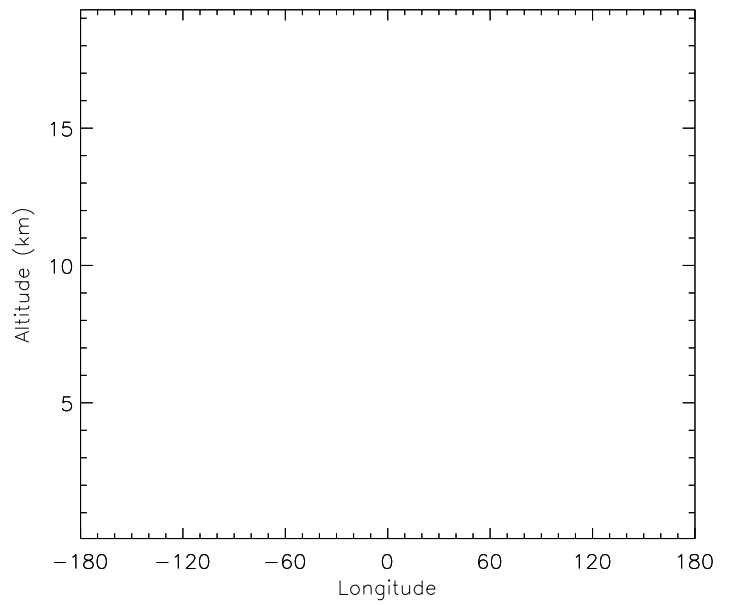
v11-01f-geosp-Run0 - v11-01d-Run1

PMN - Diff along 15S for Apr



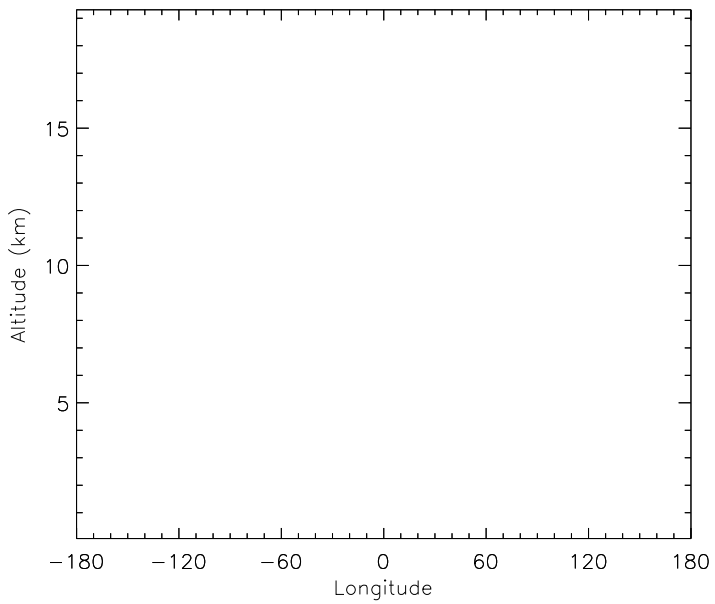
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PMN - Diff along 42N for Apr



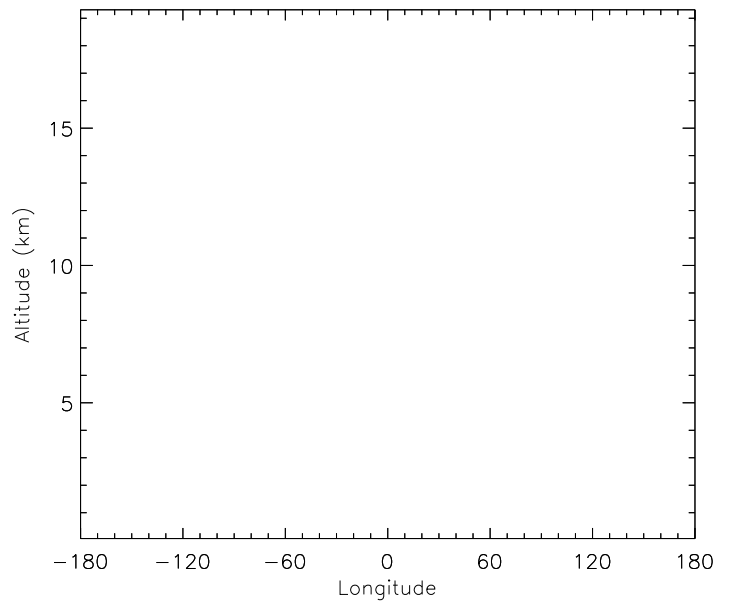
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PMN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

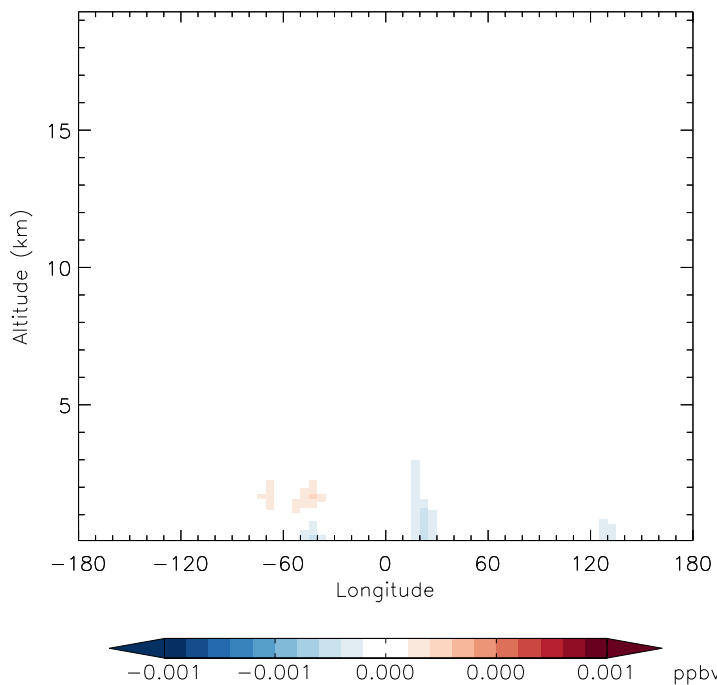
PMN - Diff along 42N for Apr



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

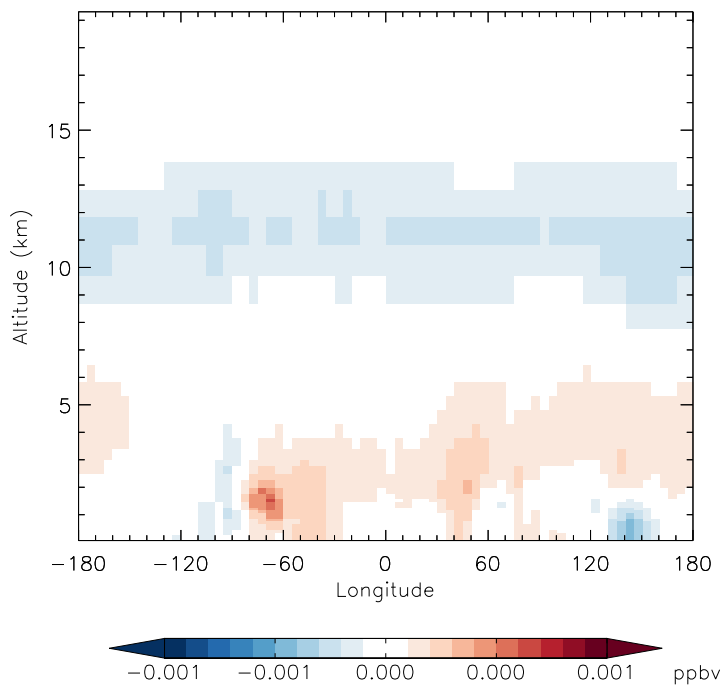
v11-01f-geosp-Run0 - v11-01d-Run1

PPN - Diff along 15S for Apr



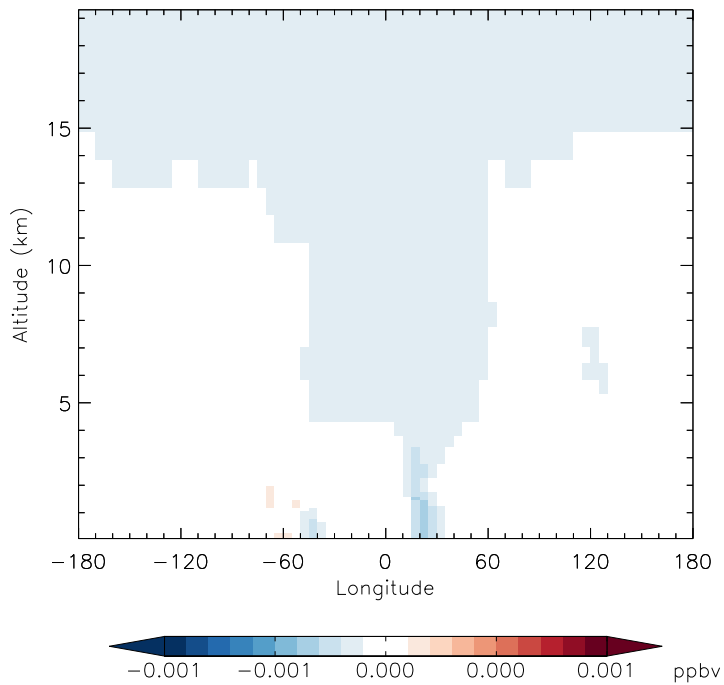
v11-01f-geosp-Run0 - v11-01d-Run1

PPN - Diff along 42N for Apr



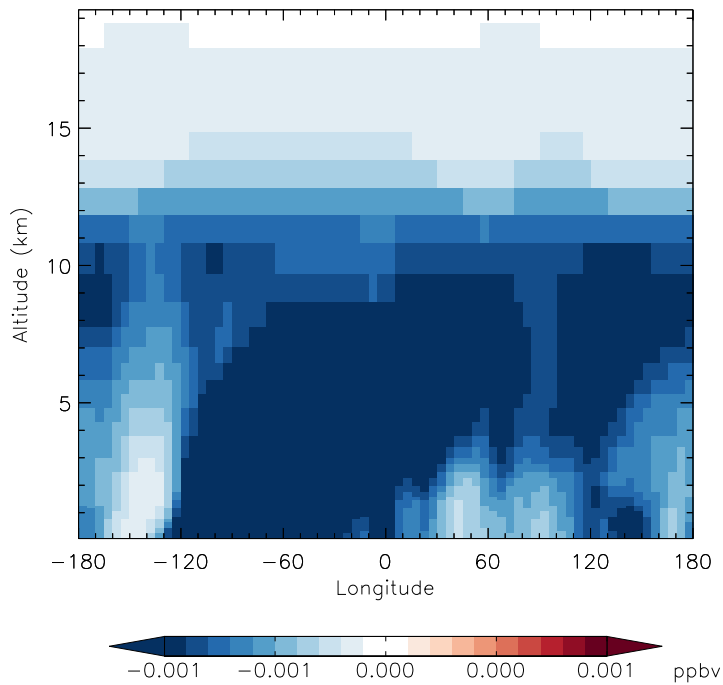
v11-01f-geosp-Run0 - v11-01b-Run0

PPN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

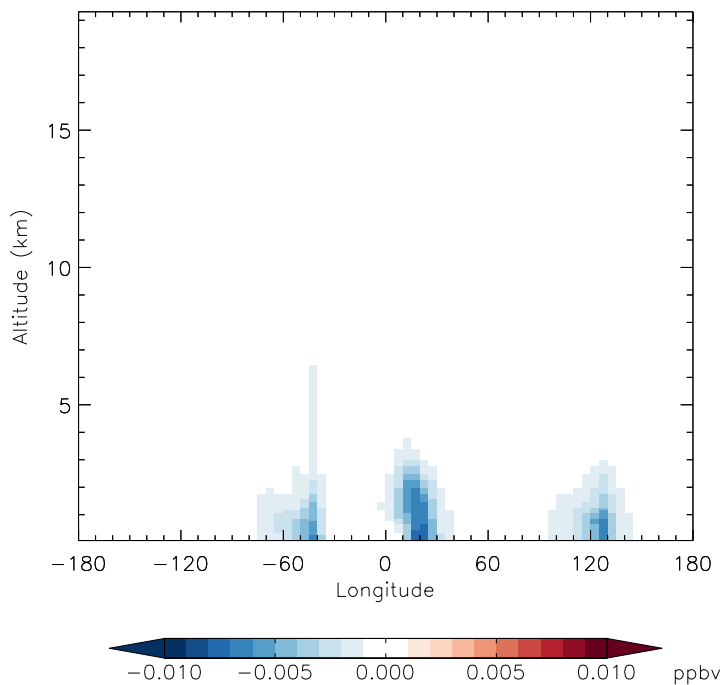
PPN - Diff along 42N for Apr



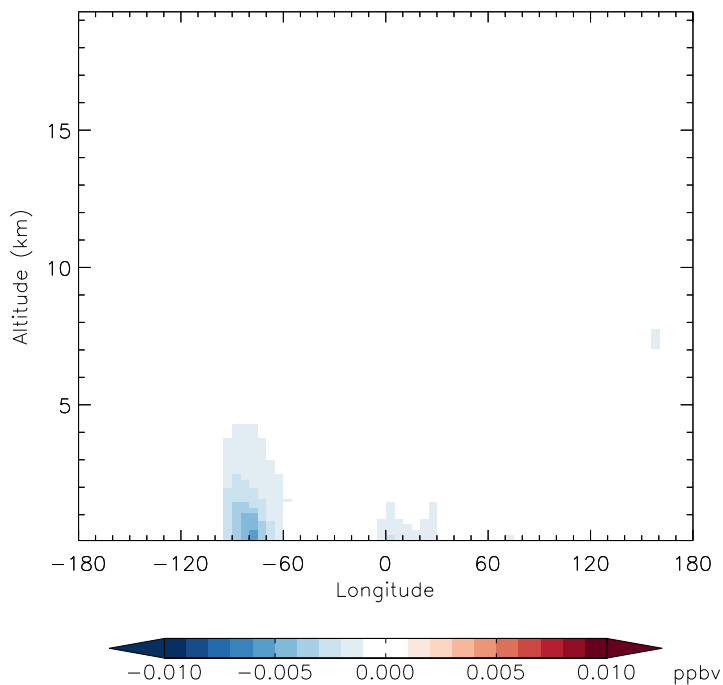


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

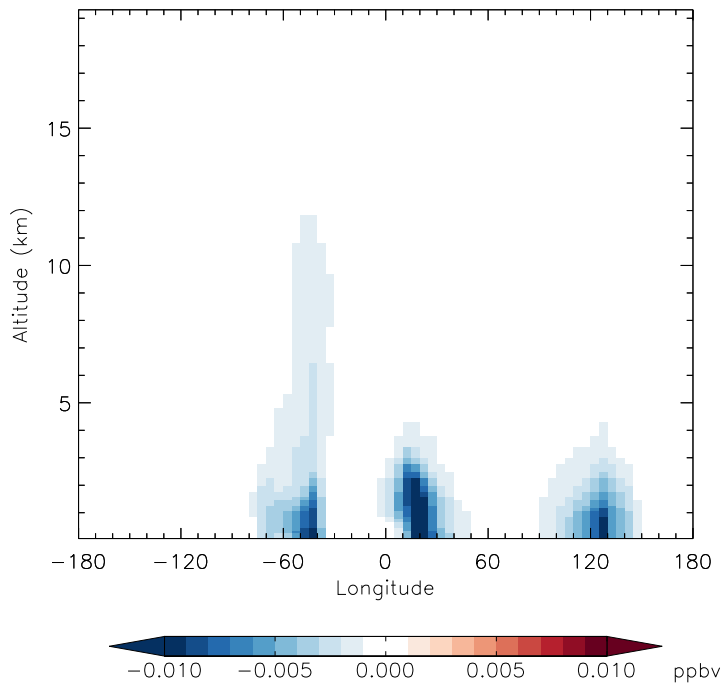
v11-01f-geosp-Run0 - v11-01d-Run1  
R4N2 - Diff along 15S for Apr



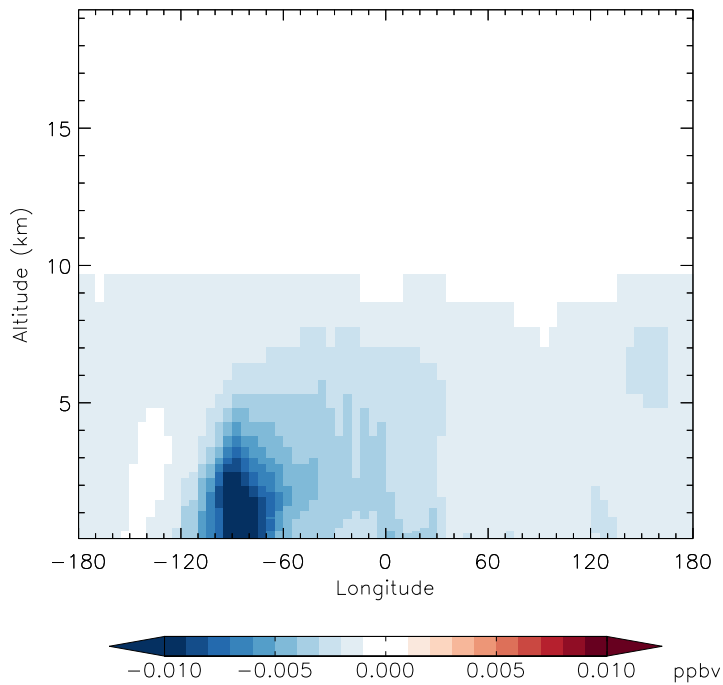
v11-01f-geosp-Run0 - v11-01d-Run1  
R4N2 - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
R4N2 - Diff along 15S for Apr

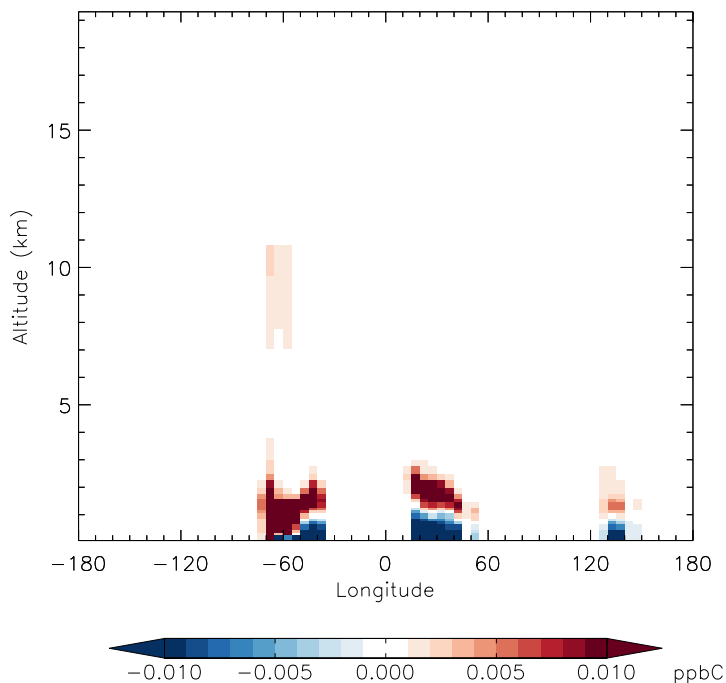


v11-01f-geosp-Run0 - v11-01b-Run0  
R4N2 - Diff along 42N for Apr

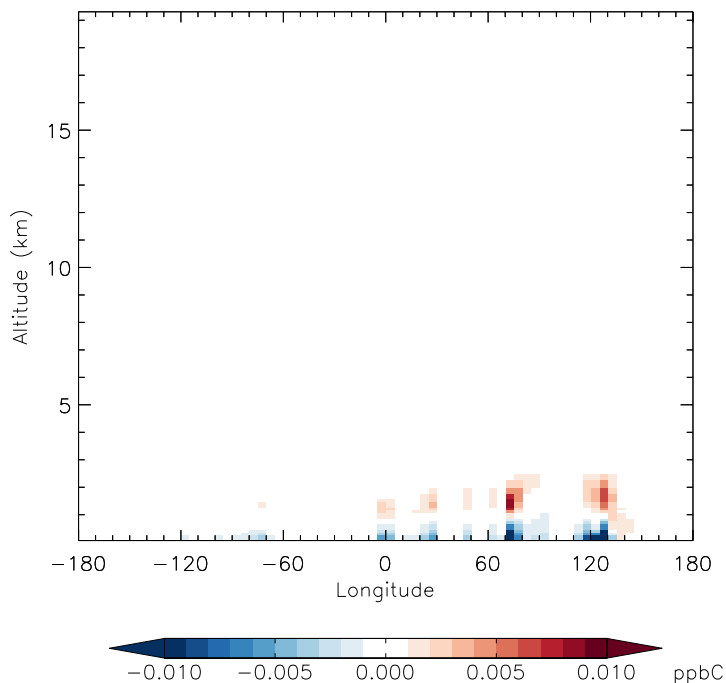


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

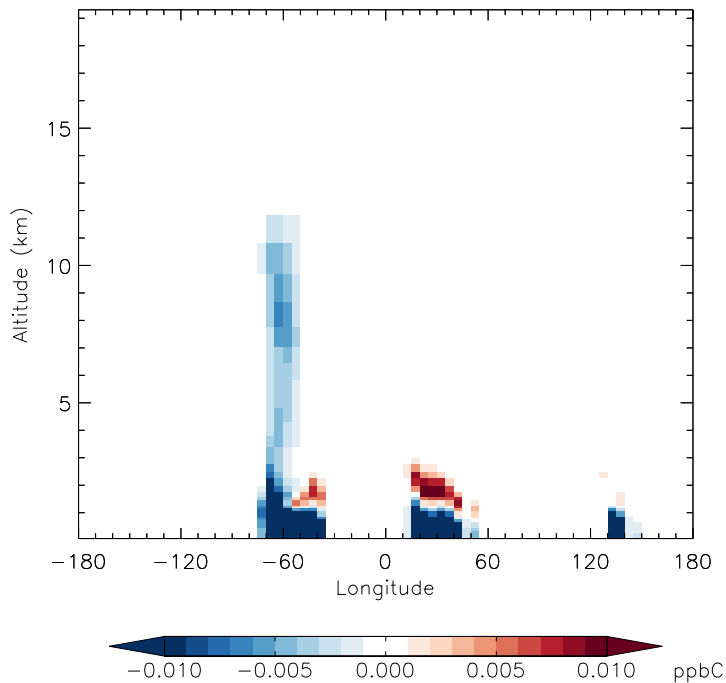
v11-01f-geosp-Run0 - v11-01d-Run1  
PRPE - Diff along 15S for Apr



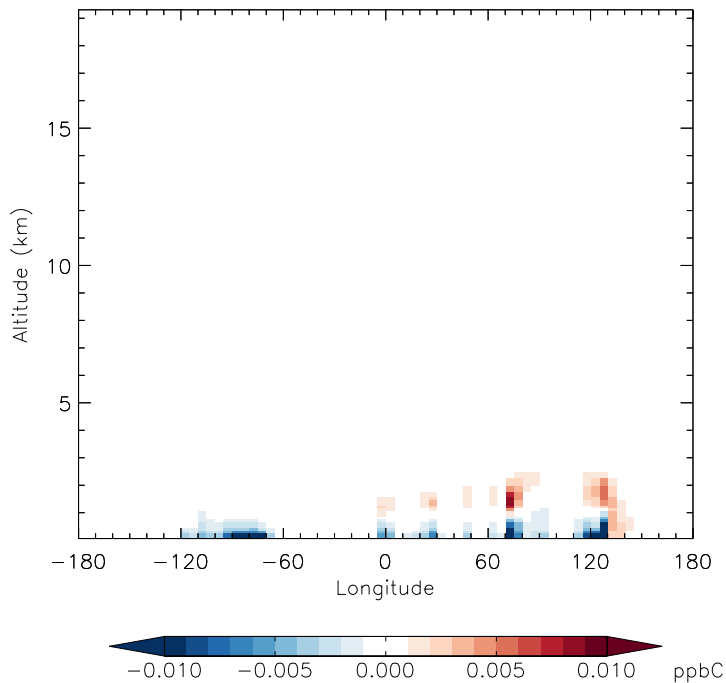
v11-01f-geosp-Run0 - v11-01d-Run1  
PRPE - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
PRPE - Diff along 15S for Apr



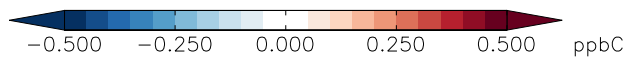
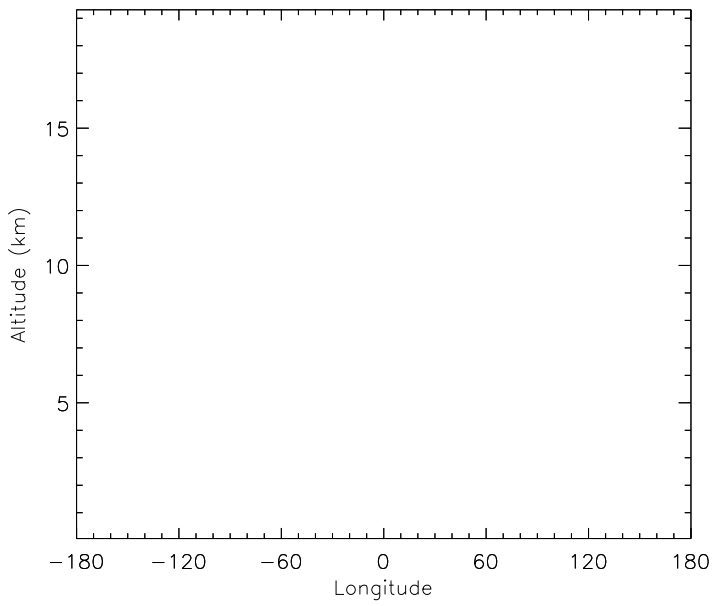
v11-01f-geosp-Run0 - v11-01b-Run0  
PRPE - Diff along 42N for Apr



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

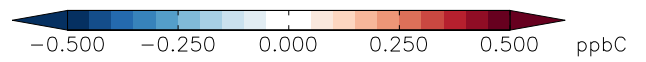
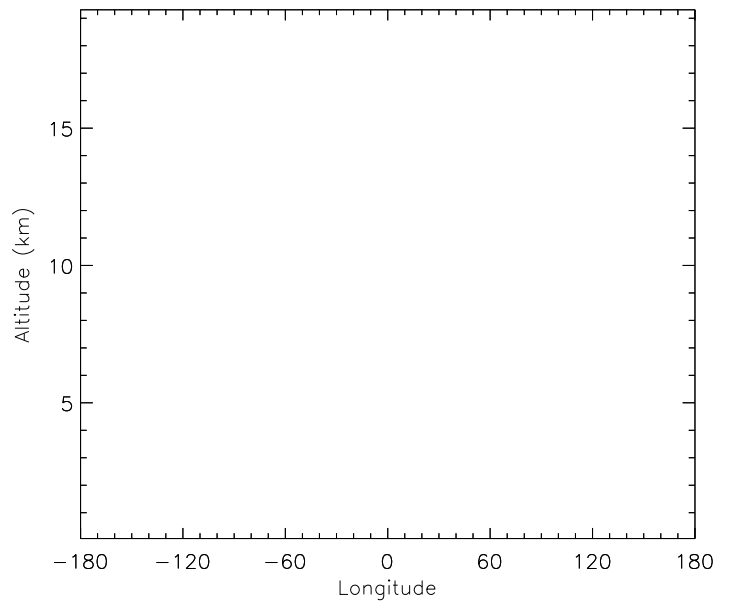
v11-01f-geosfp-Run0 - v11-01d-Run1

C3H8 - Diff along 15S for Apr



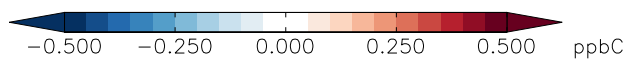
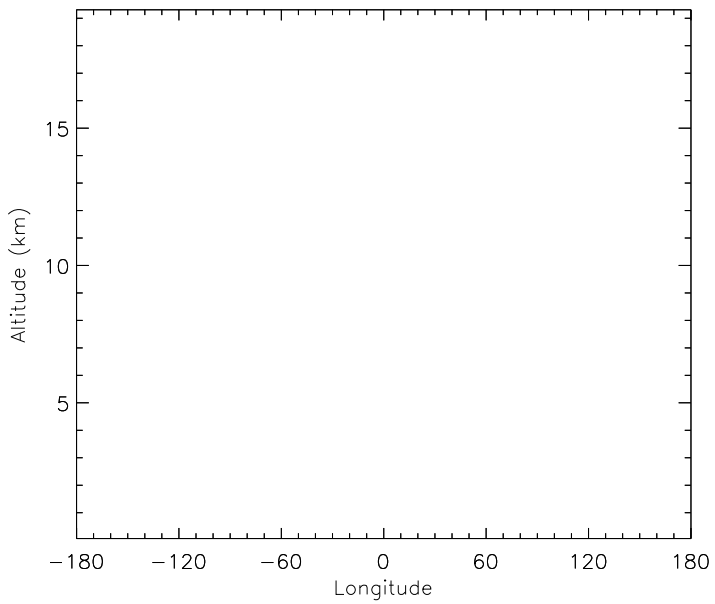
v11-01f-geosfp-Run0 - v11-01d-Run1

C3H8 - Diff along 42N for Apr



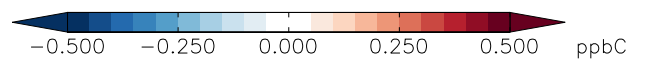
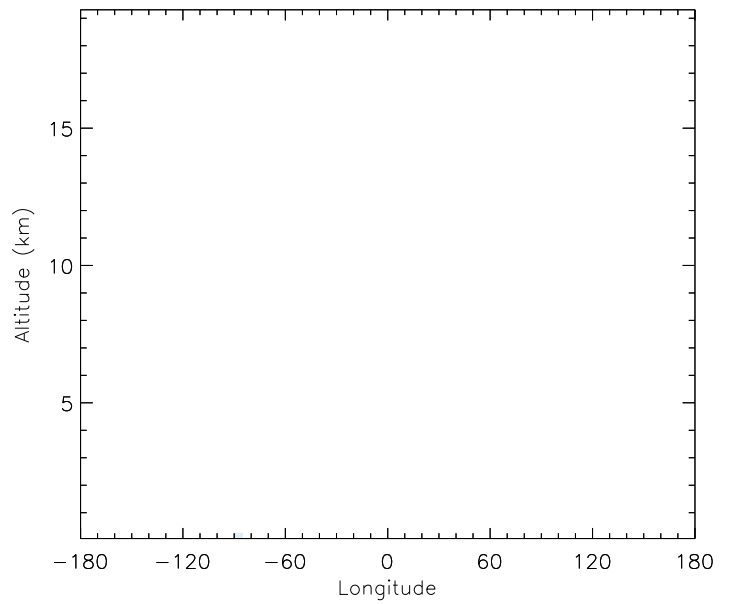
v11-01f-geosfp-Run0 - v11-01b-Run0

C3H8 - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

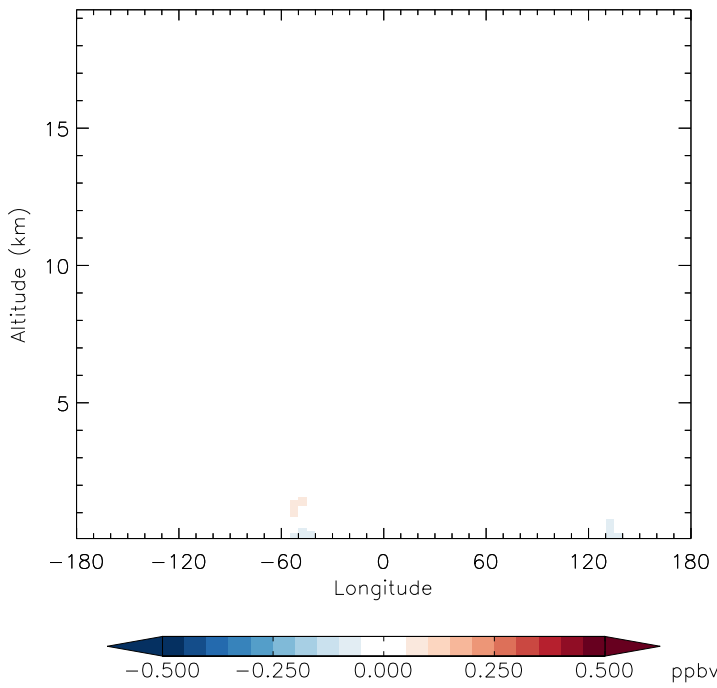
C3H8 - Diff along 42N for Apr



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

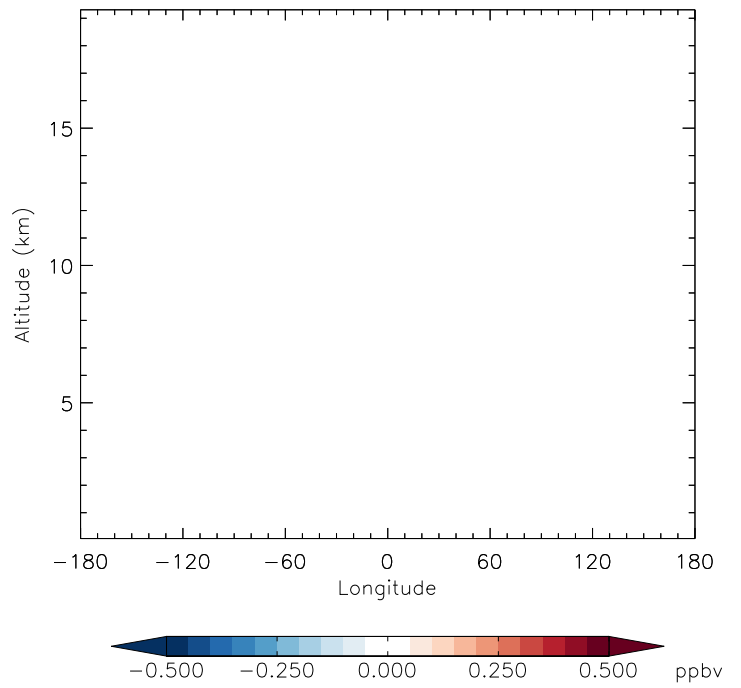
v11-01f-geosp-Run0 - v11-01d-Run1

CH2O - Diff along 15S for Apr



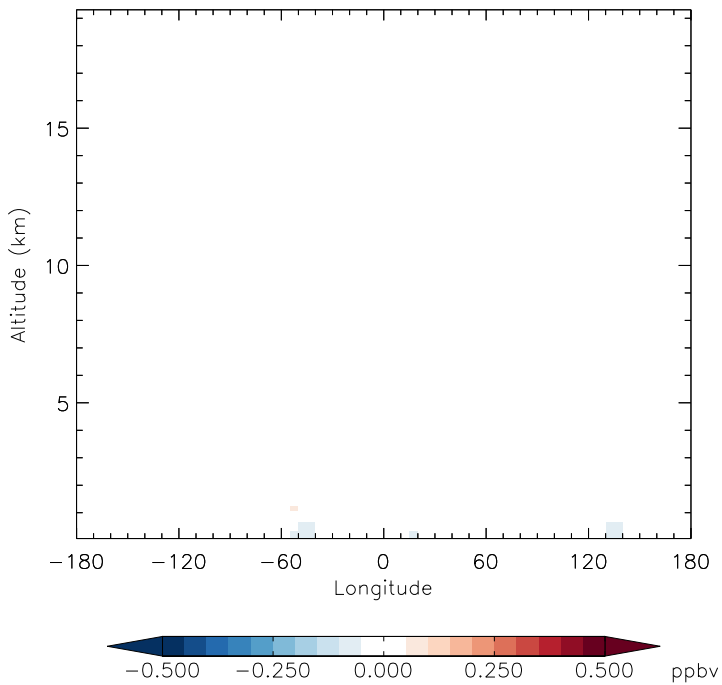
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CH2O - Diff along 42N for Apr



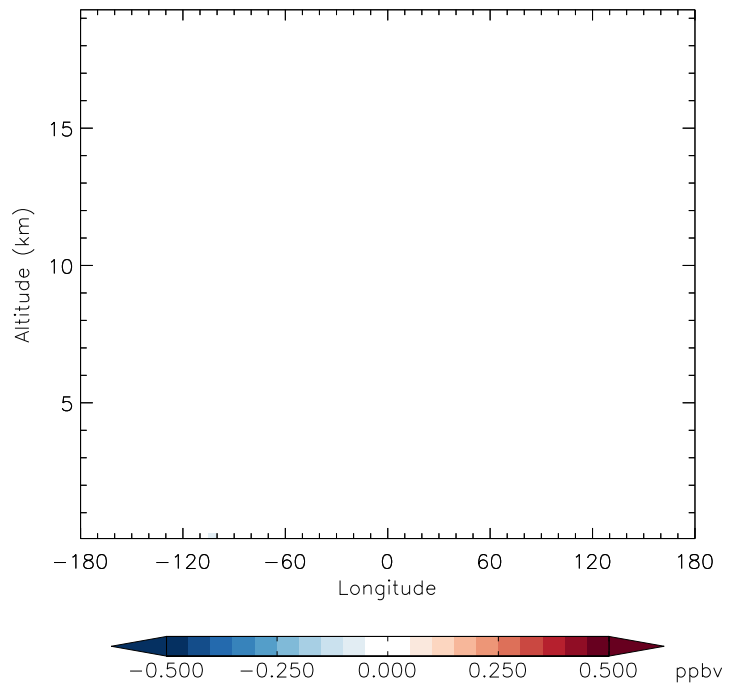
v11-01f-geosp-Run0 - v11-01b-Run0

CH2O - Diff along 15S for Apr



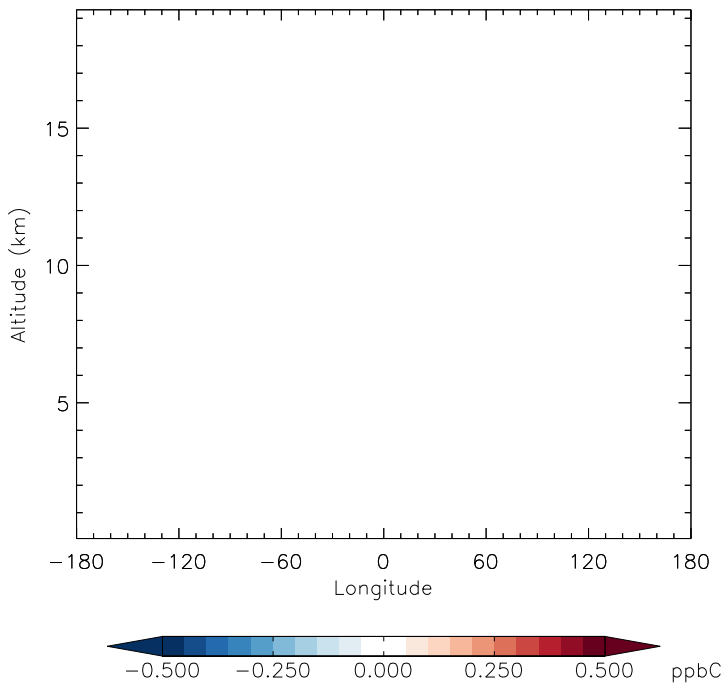
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CH2O - Diff along 42N for Apr

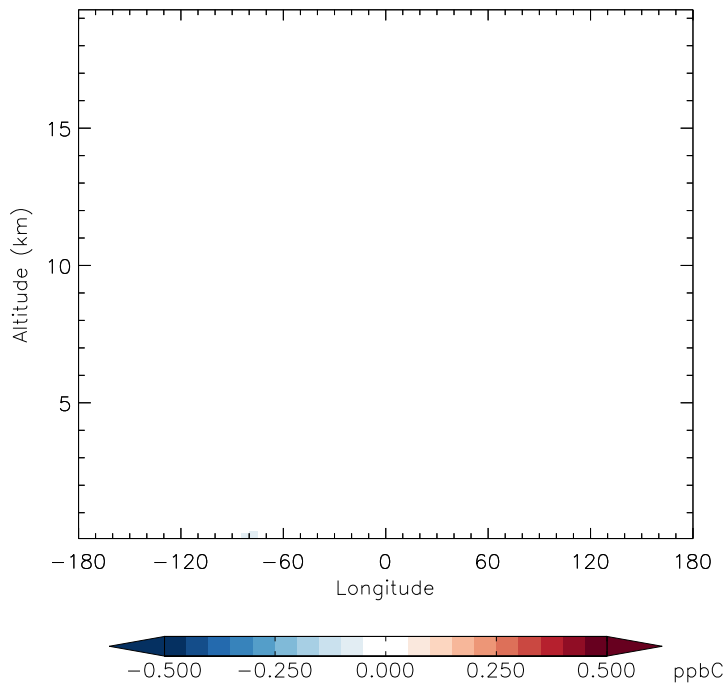


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

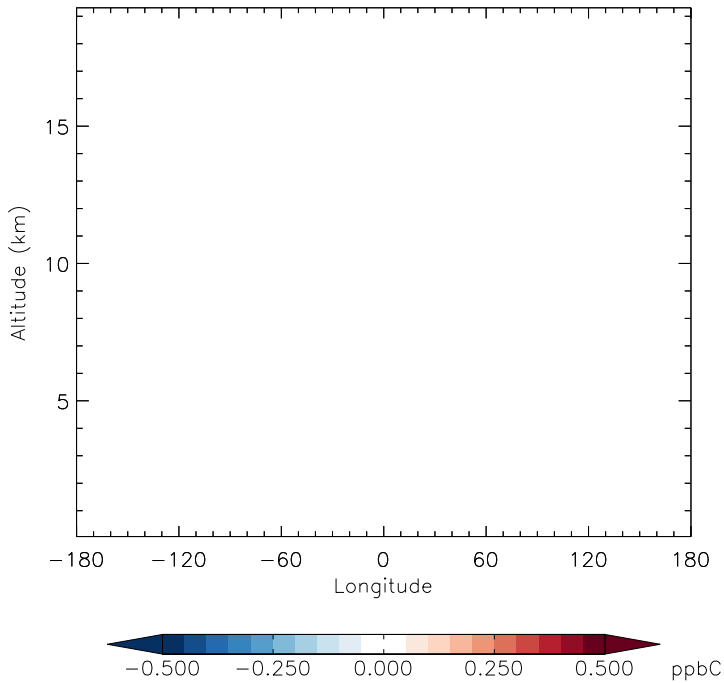
v11-01f-geosfp-Run0 - v11-01d-Run1  
C2H6 - Diff along 15S for Apr



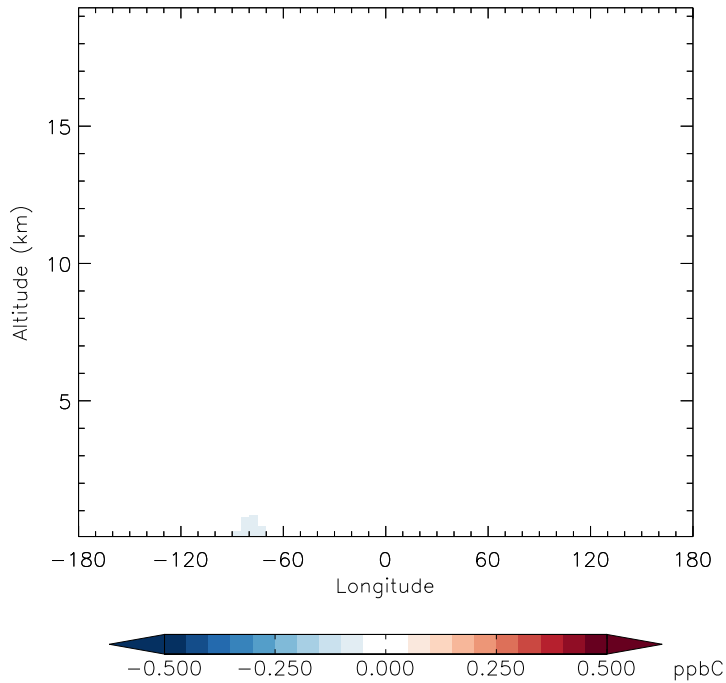
v11-01f-geosfp-Run0 - v11-01d-Run1  
C2H6 - Diff along 42N for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0  
C2H6 - Diff along 15S for Apr

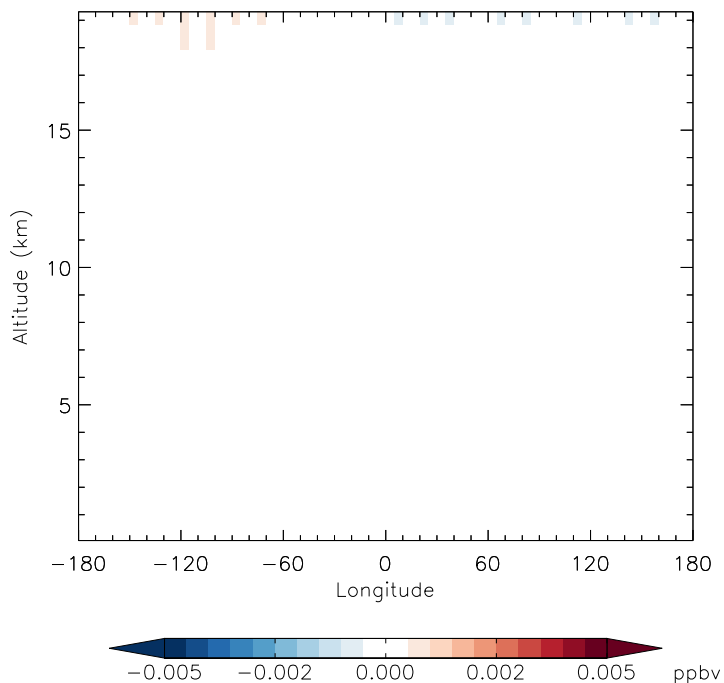


v11-01f-geosfp-Run0 - v11-01b-Run0  
C2H6 - Diff along 42N for Apr

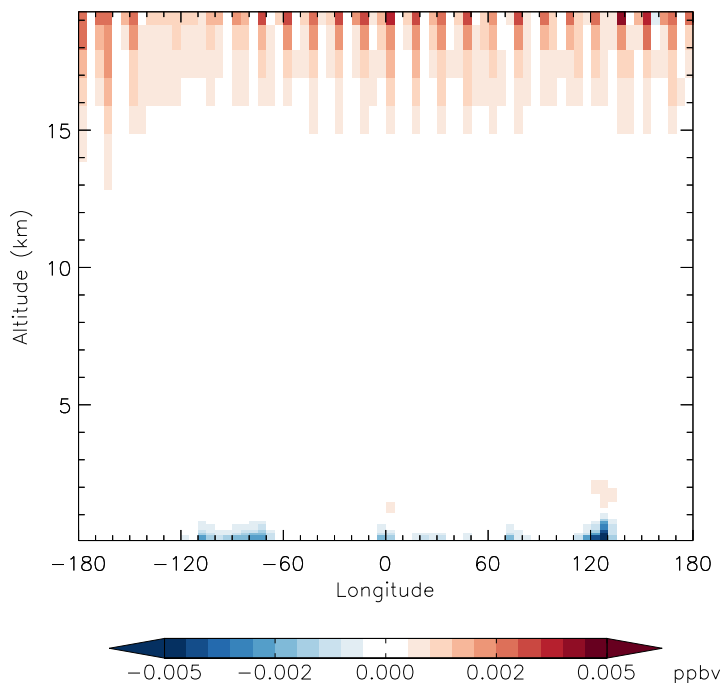


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

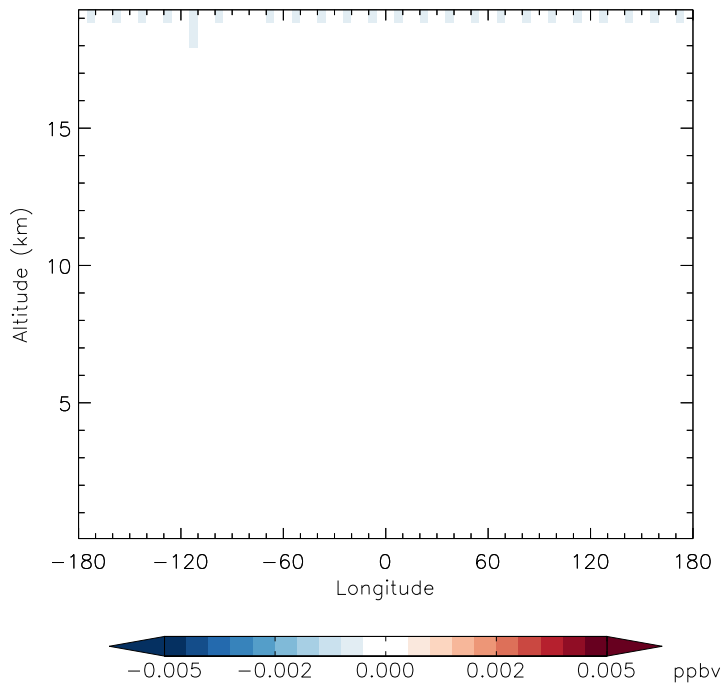
v11-01f-geosfp-Run0 - v11-01d-Run1  
N2O5 - Diff along 15S for Apr



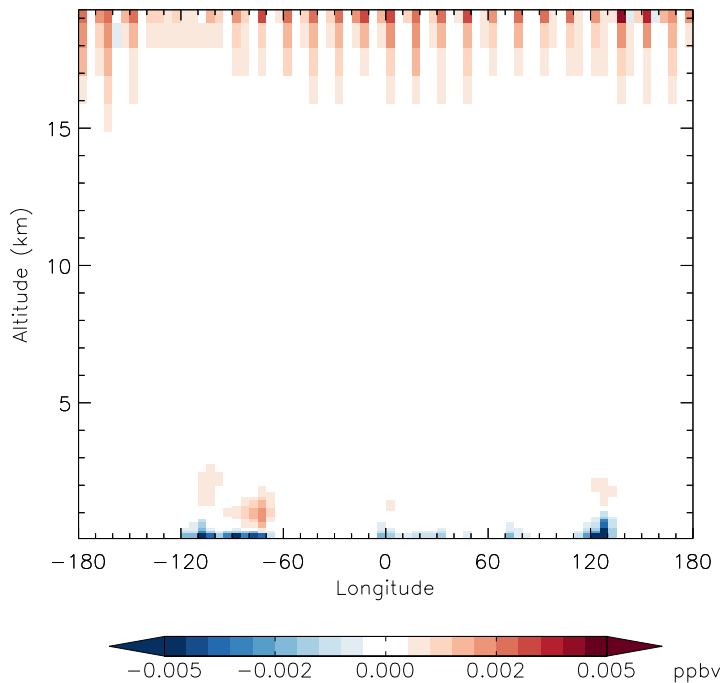
v11-01f-geosfp-Run0 - v11-01d-Run1  
N2O5 - Diff along 42N for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0  
N2O5 - Diff along 15S for Apr

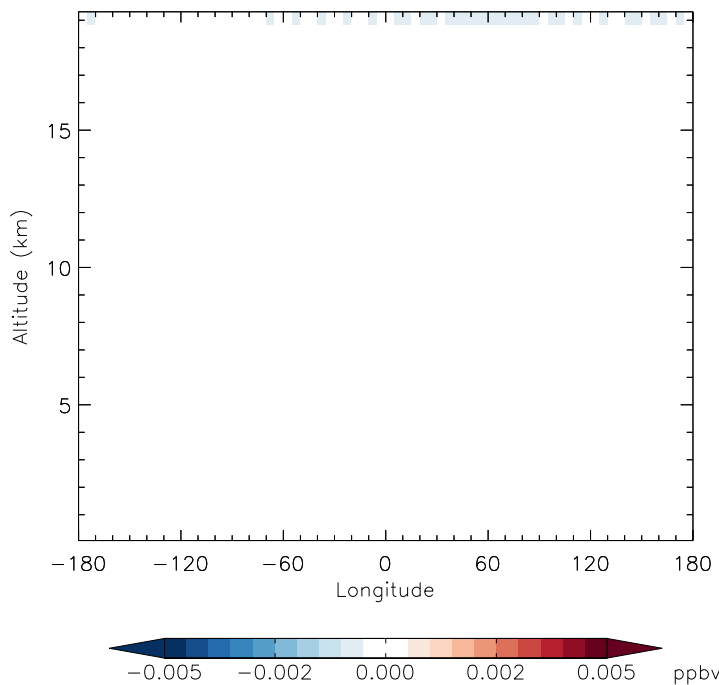


v11-01f-geosfp-Run0 - v11-01b-Run0  
N2O5 - Diff along 42N for Apr

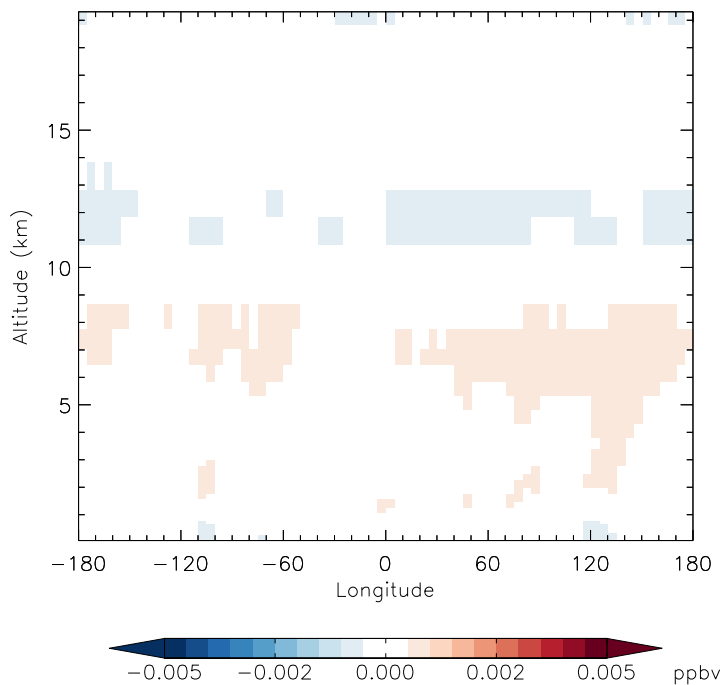


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

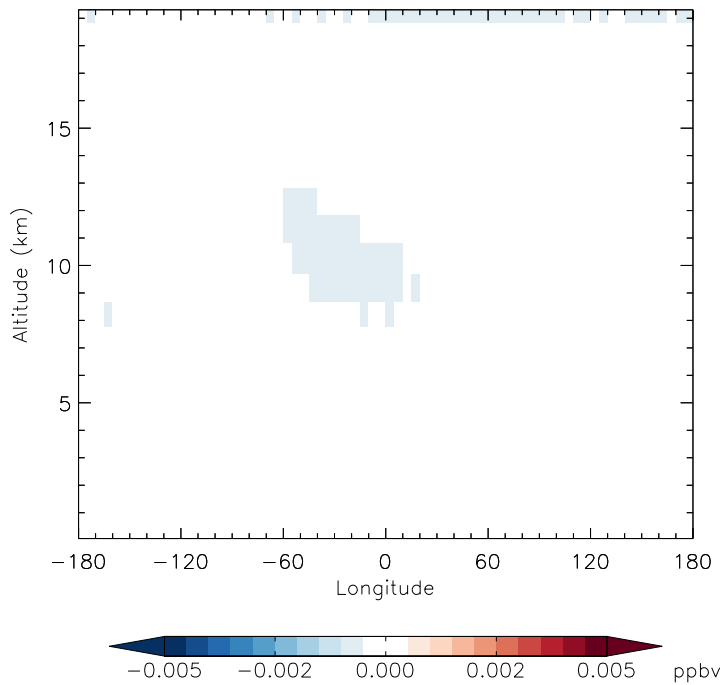
v11-01f-geosp-Run0 - v11-01d-Run1  
HNO4 - Diff along 15S for Apr



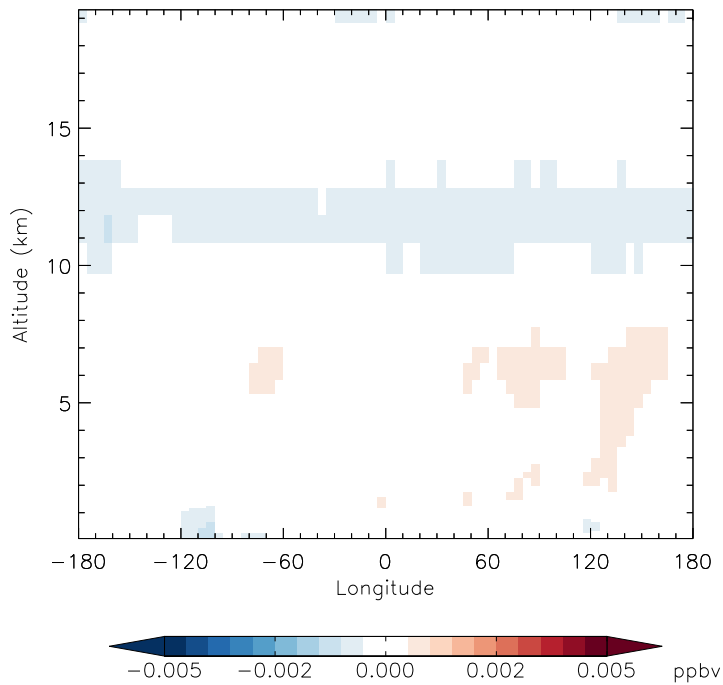
v11-01f-geosp-Run0 - v11-01d-Run1  
HNO4 - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
HNO4 - Diff along 15S for Apr



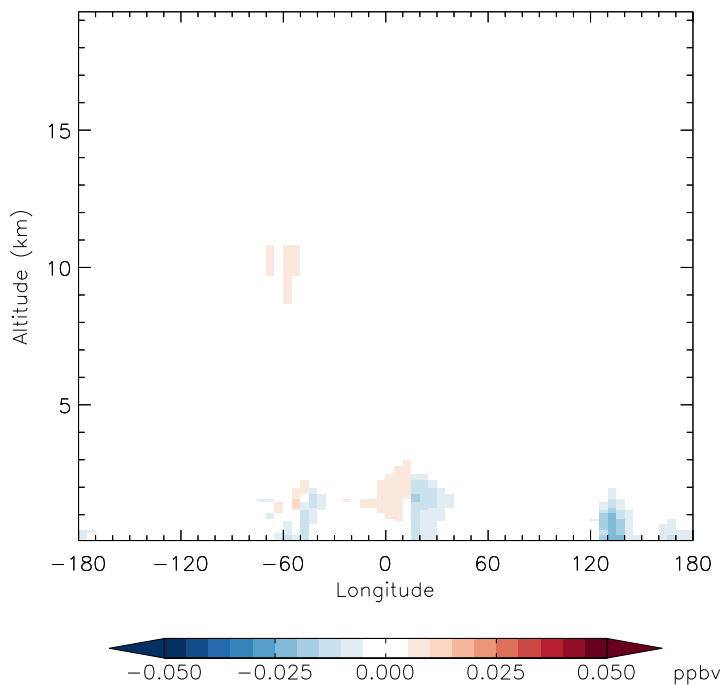
v11-01f-geosp-Run0 - v11-01b-Run0  
HNO4 - Diff along 42N for Apr



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

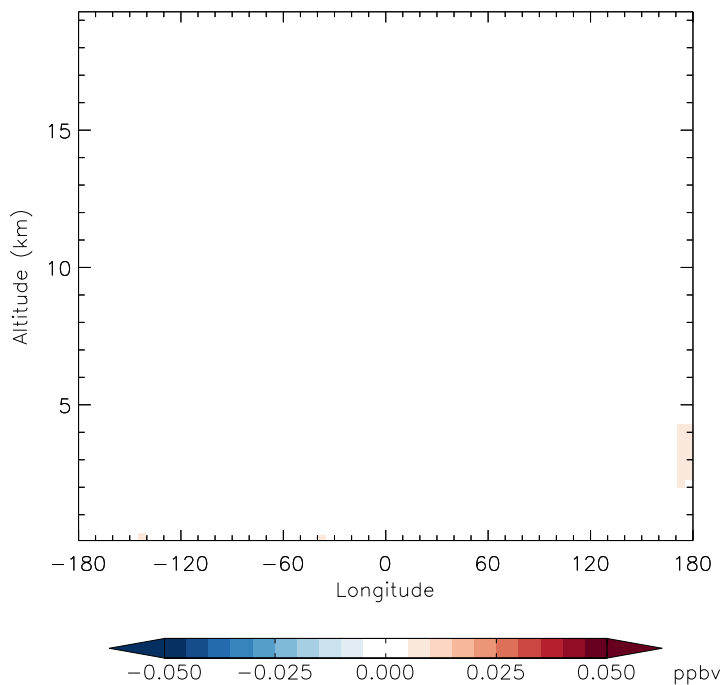
v11-01f-geosp-Run0 - v11-01d-Run1

MP - Diff along 15S for Apr



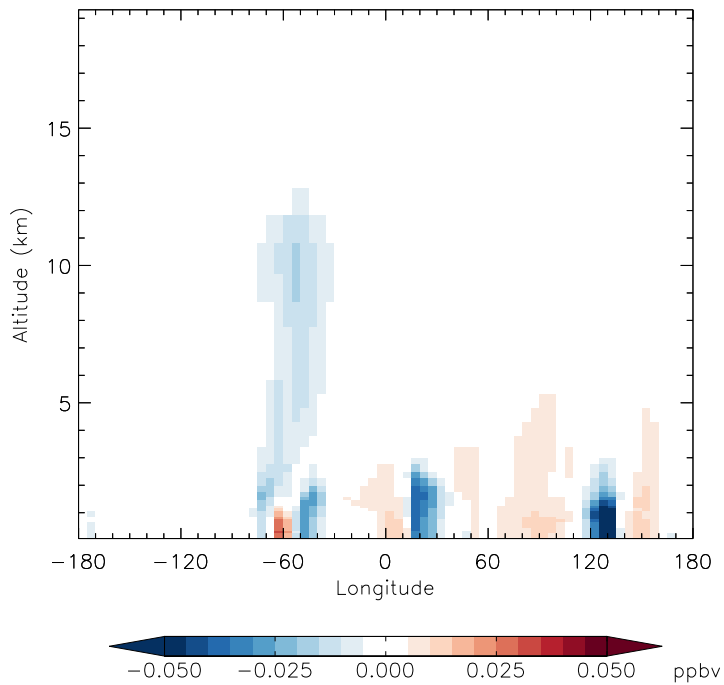
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MP - Diff along 42N for Apr



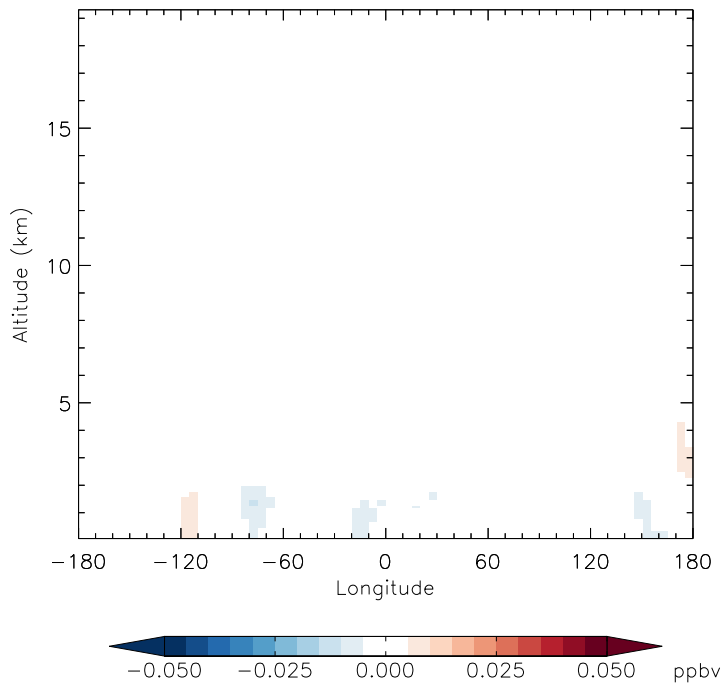
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MP - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

MP - Diff along 42N for Apr

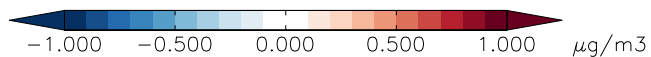
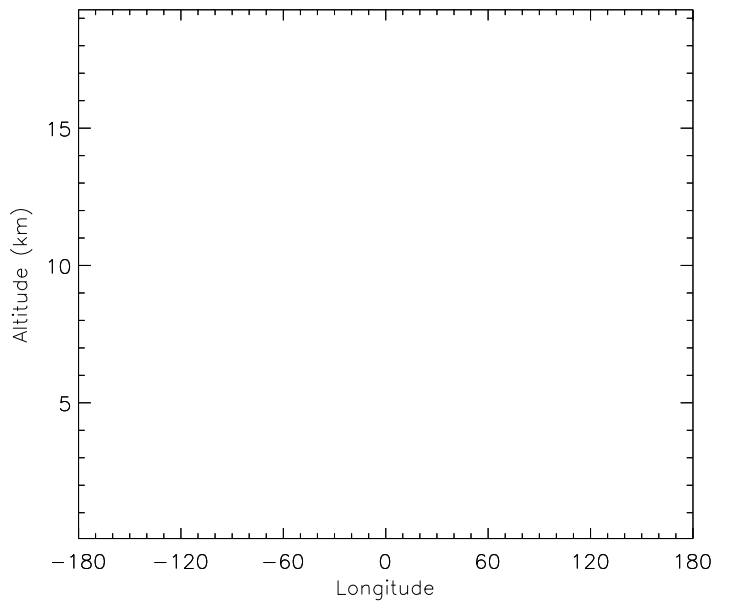




GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

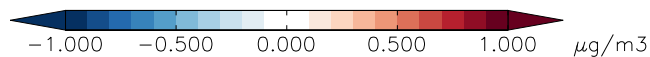
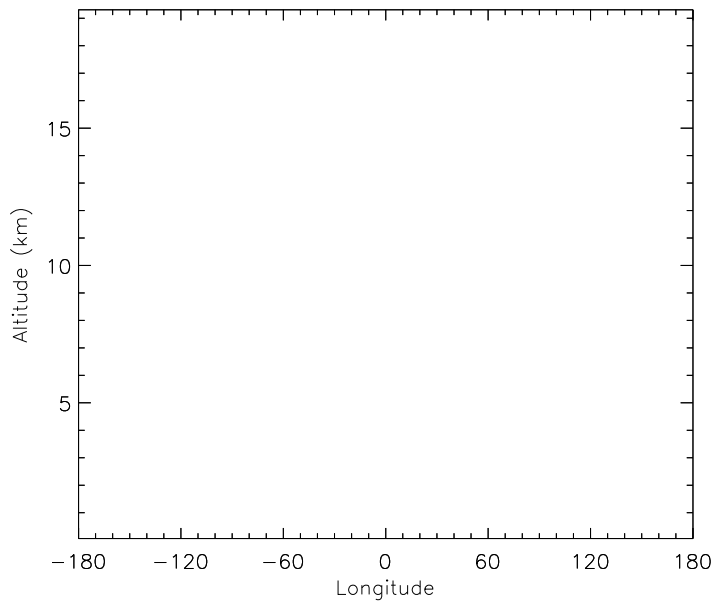
v11-01f-geosp-Run0 - v11-01d-Run1

DMS - Diff along 15S for Apr



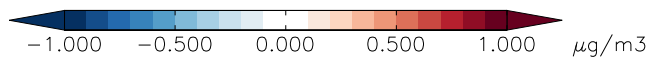
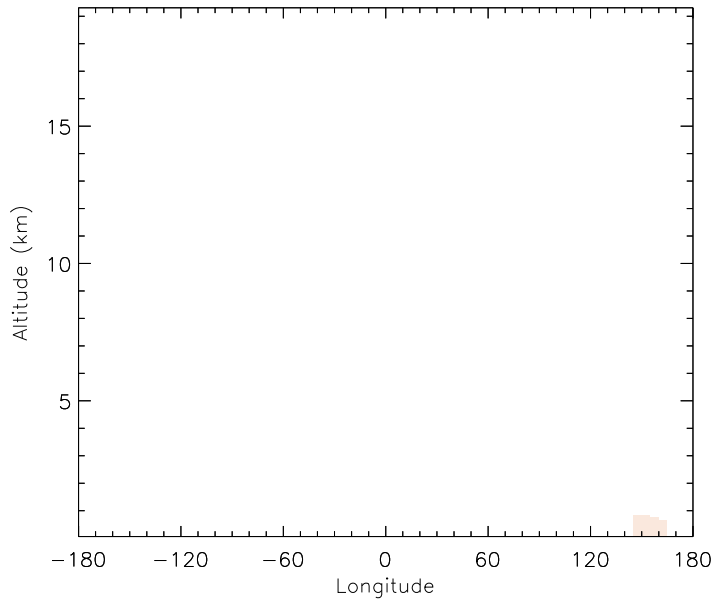
v11-01f-geosp-Run0 - v11-01d-Run1

DMS - Diff along 42N for Apr



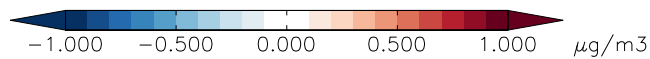
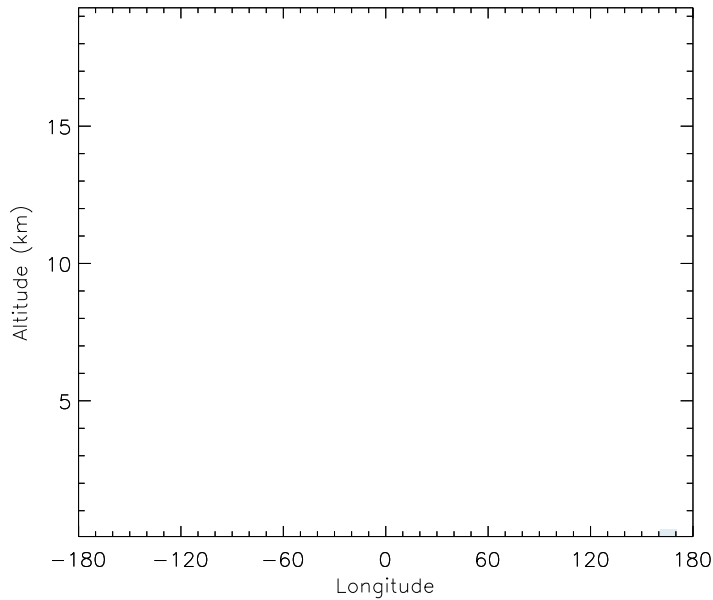
v11-01f-geosp-Run0 - v11-01b-Run0

DMS - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

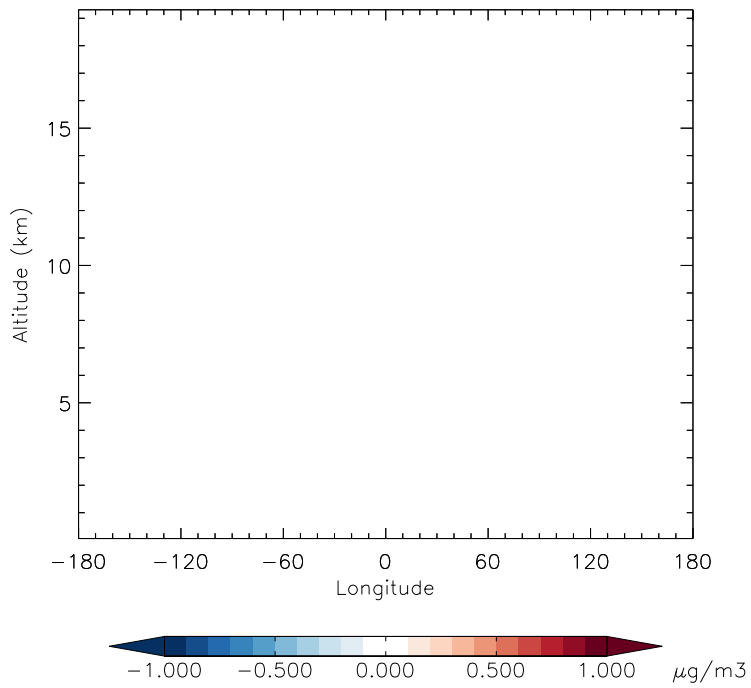
DMS - Diff along 42N for Apr



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

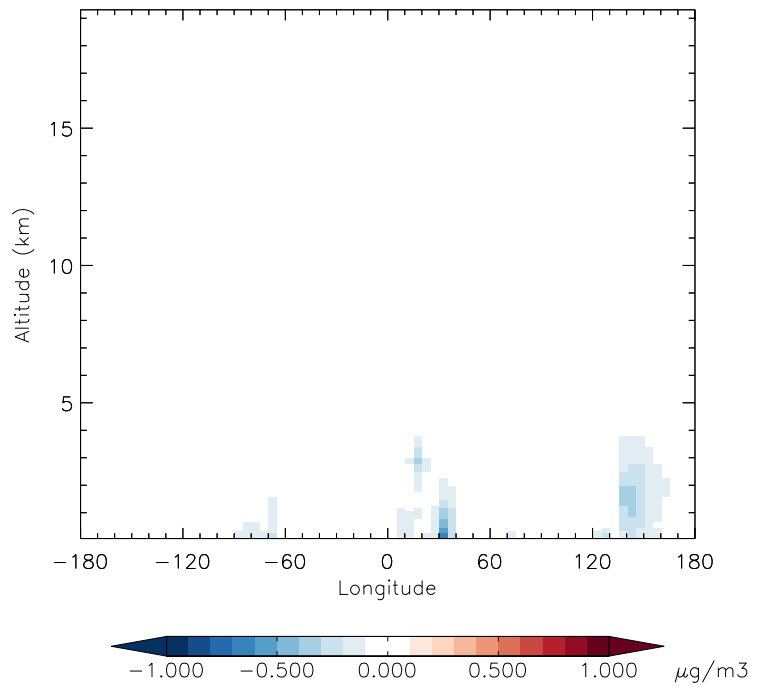
v11-01f-geosfp-Run0 - v11-01d-Run1

SO<sub>2</sub> - Diff along 15S for Apr



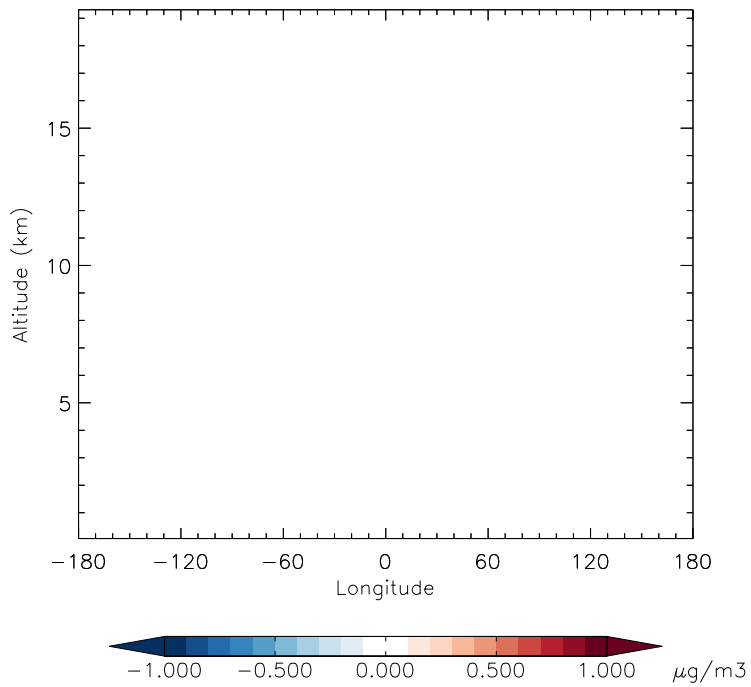
v11-01f-geosfp-Run0 - v11-01d-Run1

SO<sub>2</sub> - Diff along 42N for Apr



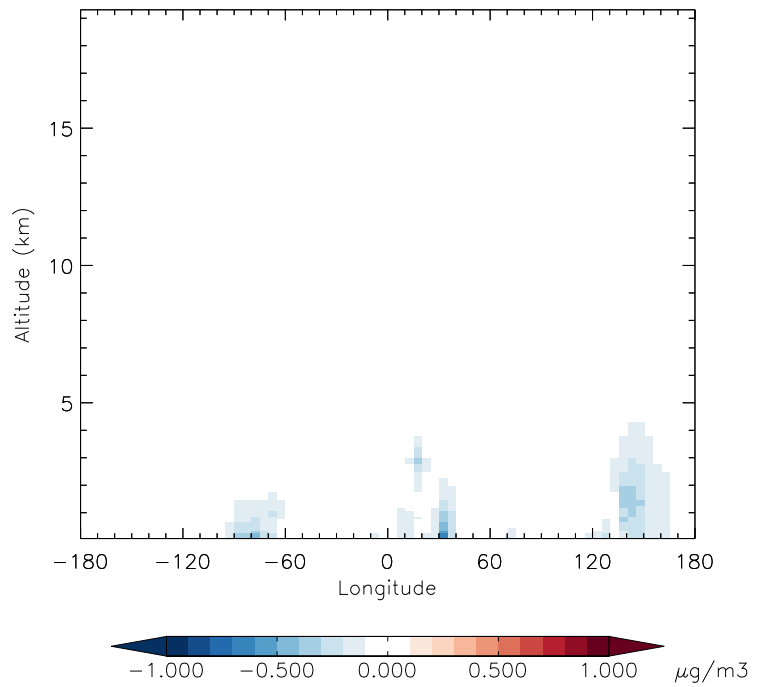
v11-01f-geosfp-Run0 - v11-01b-Run0

SO<sub>2</sub> - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

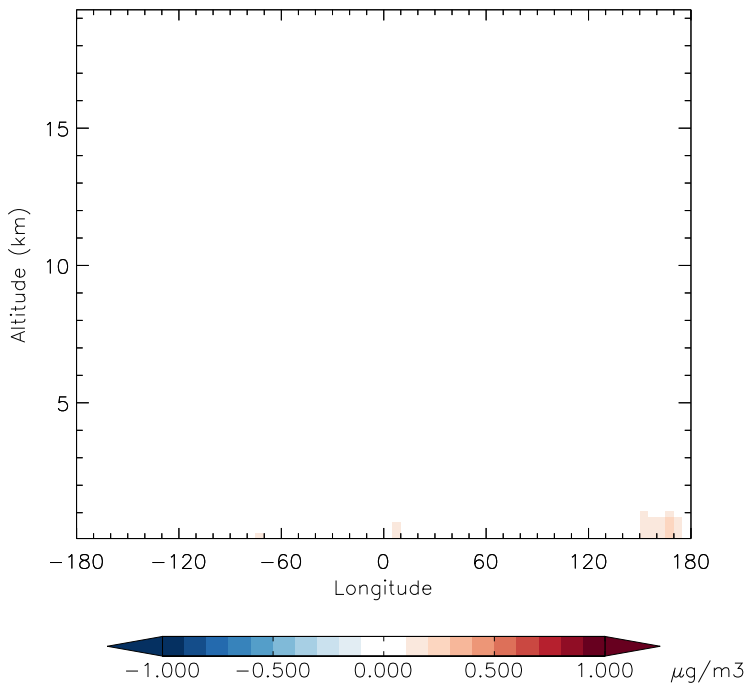
SO<sub>2</sub> - Diff along 42N for Apr



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

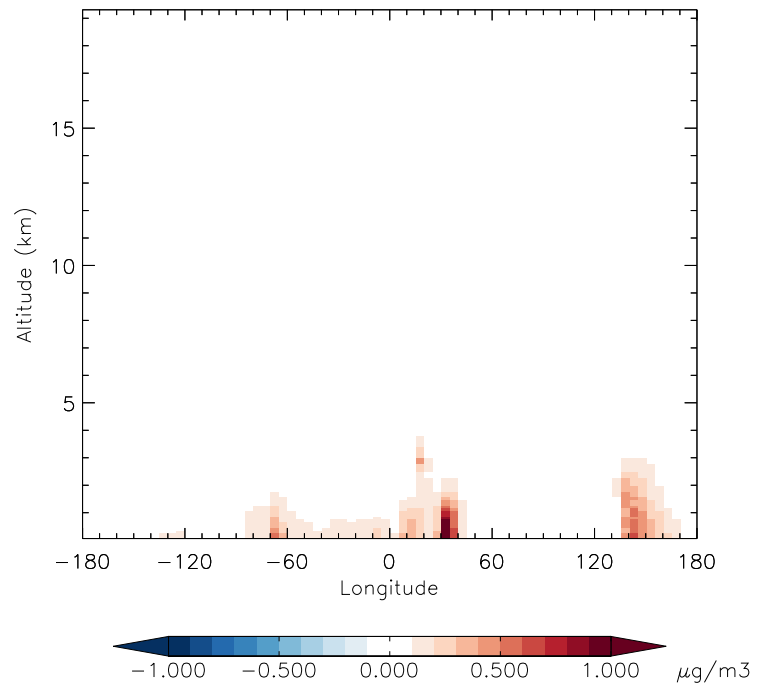
v11-01f-geosfp-Run0 - v11-01d-Run1

S04 - Diff along 15S for Apr



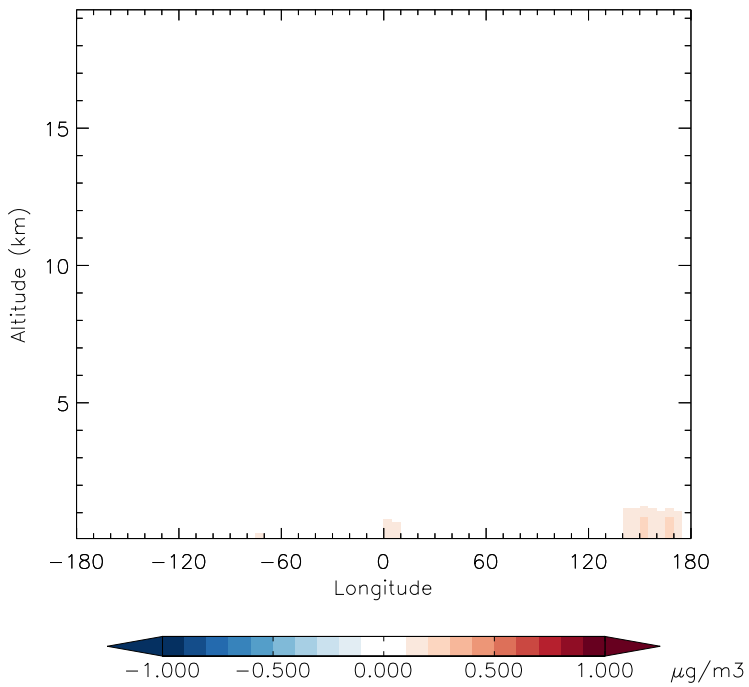
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S04 - Diff along 42N for Apr



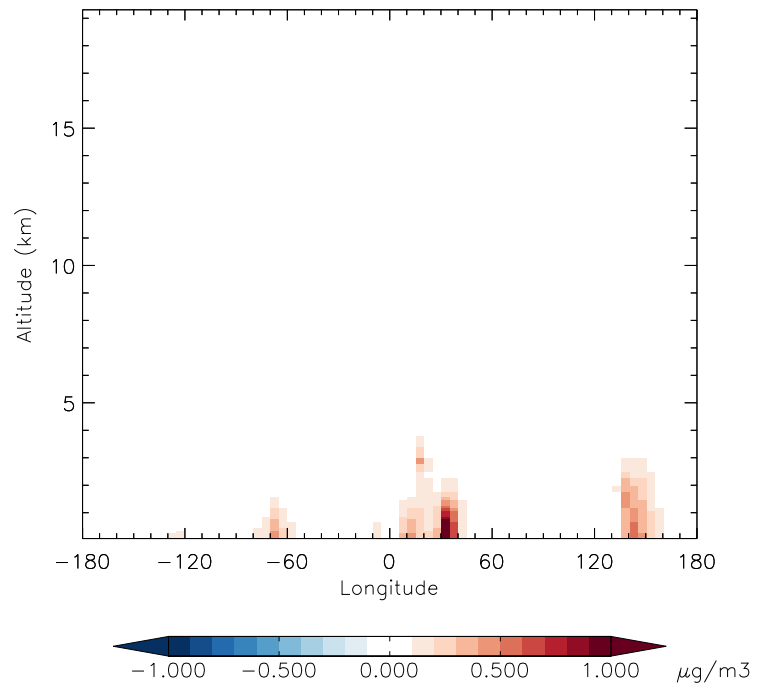
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S04 - Diff along 15S for Apr



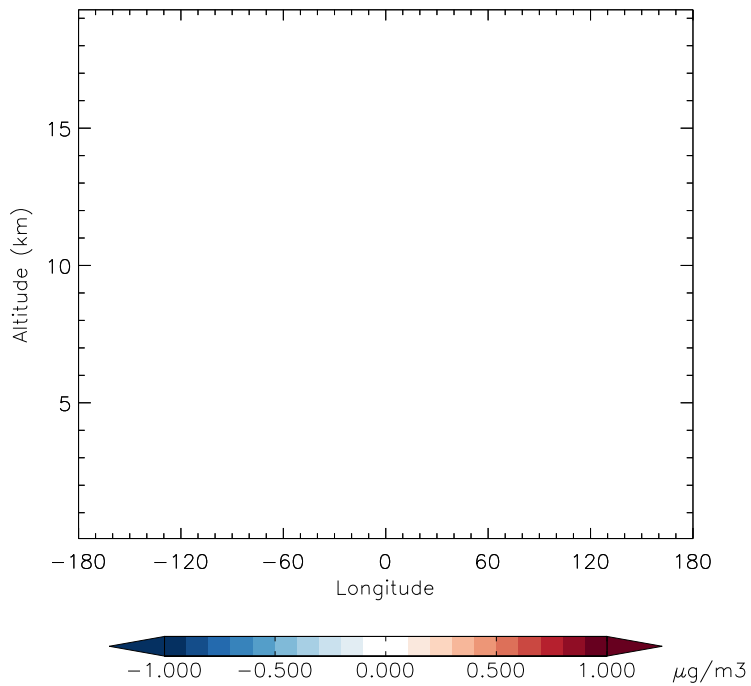
v11-01f-geosfp-Run0 - v11-01b-Run0

S04 - Diff along 42N for Apr

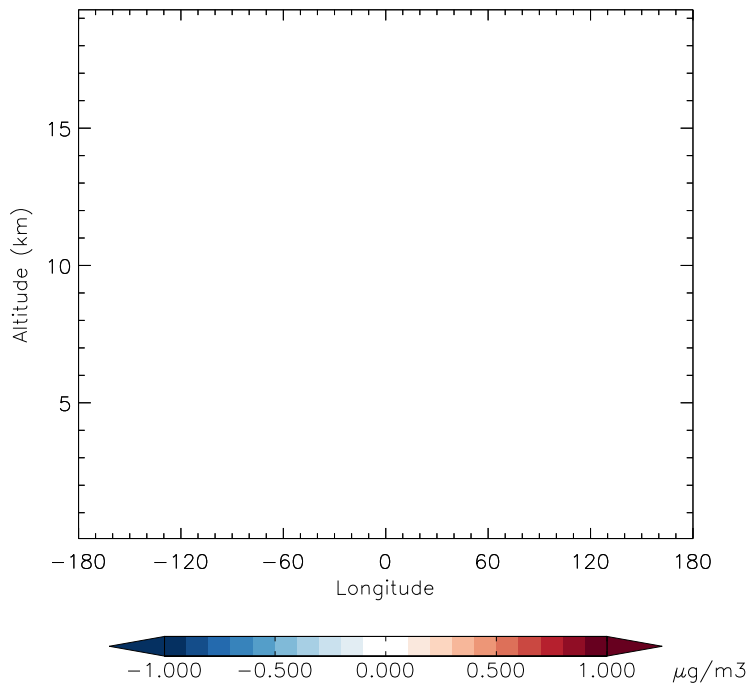


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

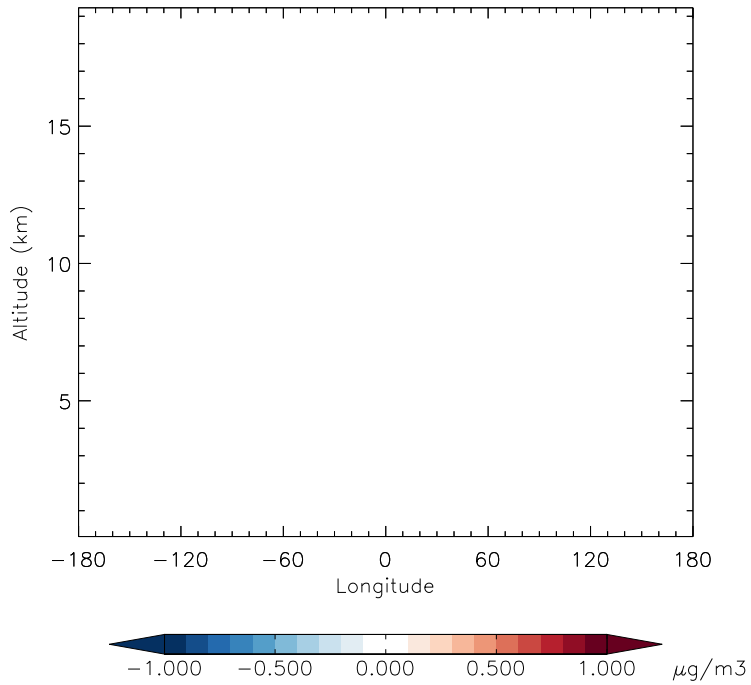
v11-01f-geosp-Run0 - v11-01d-Run1  
SO4s - Diff along 15S for Apr



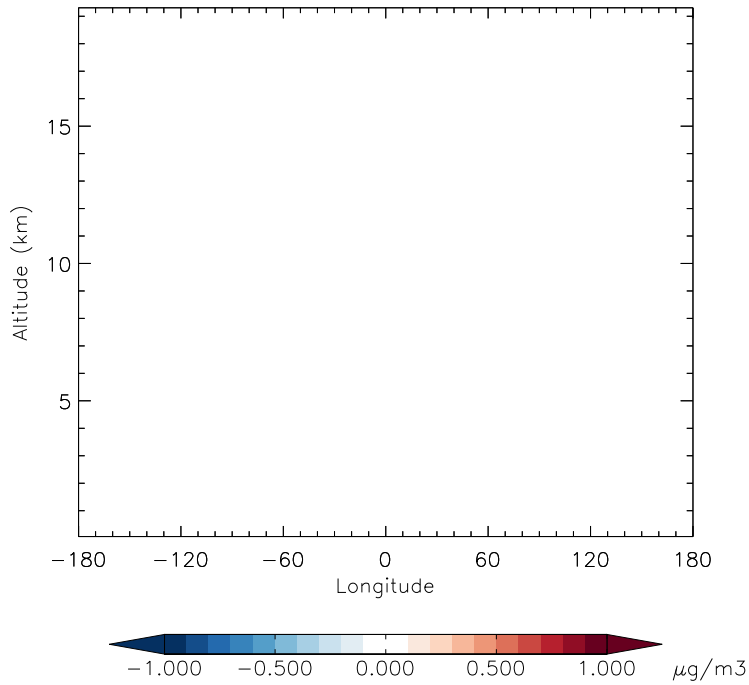
v11-01f-geosp-Run0 - v11-01d-Run1  
SO4s - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
SO4s - Diff along 15S for Apr



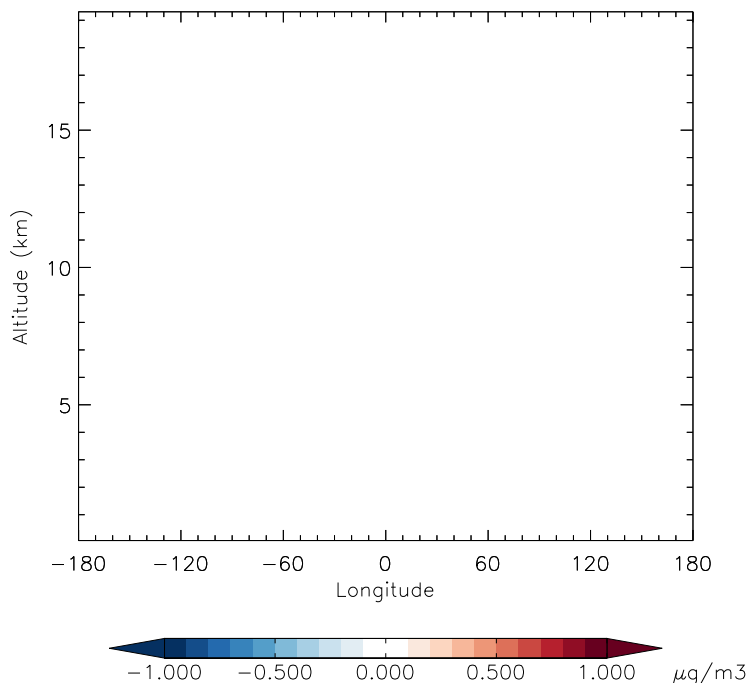
v11-01f-geosp-Run0 - v11-01b-Run0  
SO4s - Diff along 42N for Apr



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

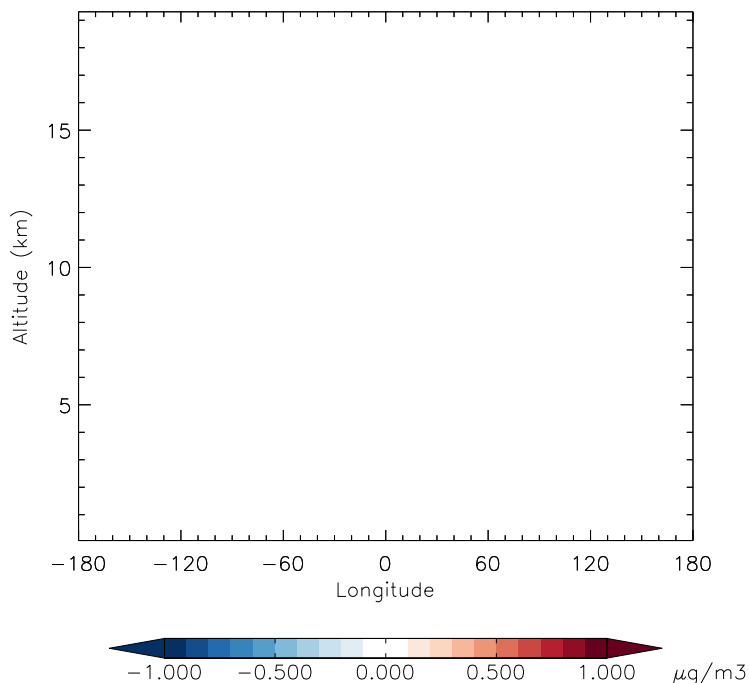
v11-01f-geosp-Run0 - v11-01d-Run1

MSA - Diff along 15S for Apr



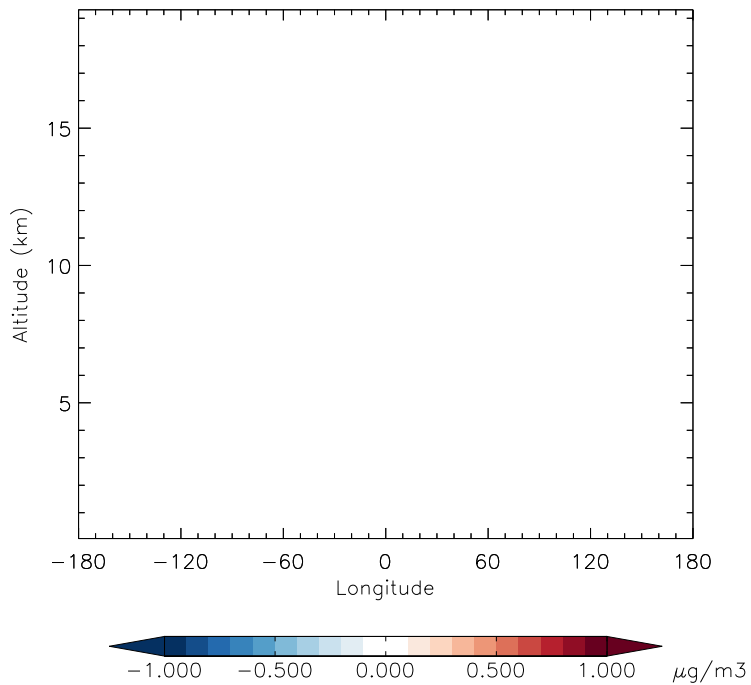
v11-01f-geosp-Run0 - v11-01d-Run1

MSA - Diff along 42N for Apr



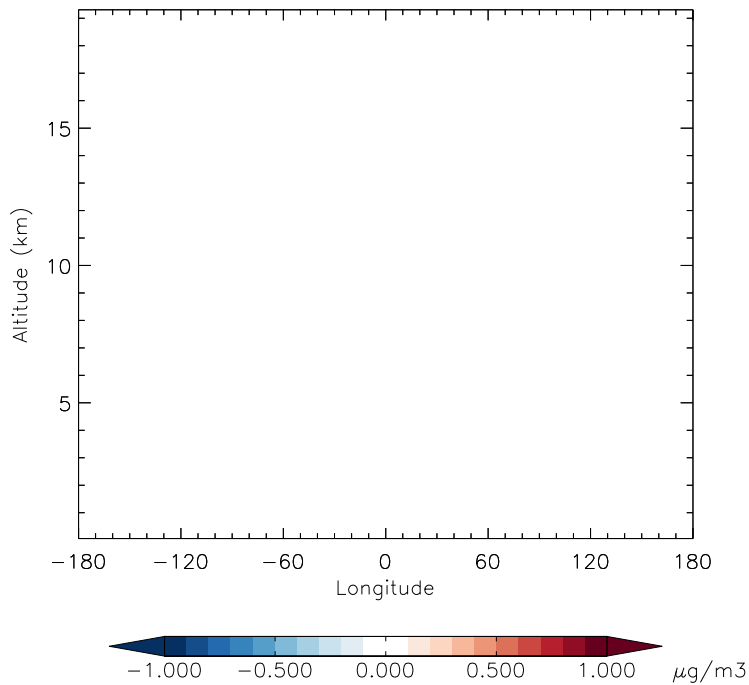
v11-01f-geosp-Run0 - v11-01b-Run0

MSA - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

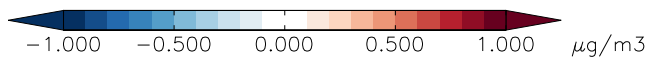
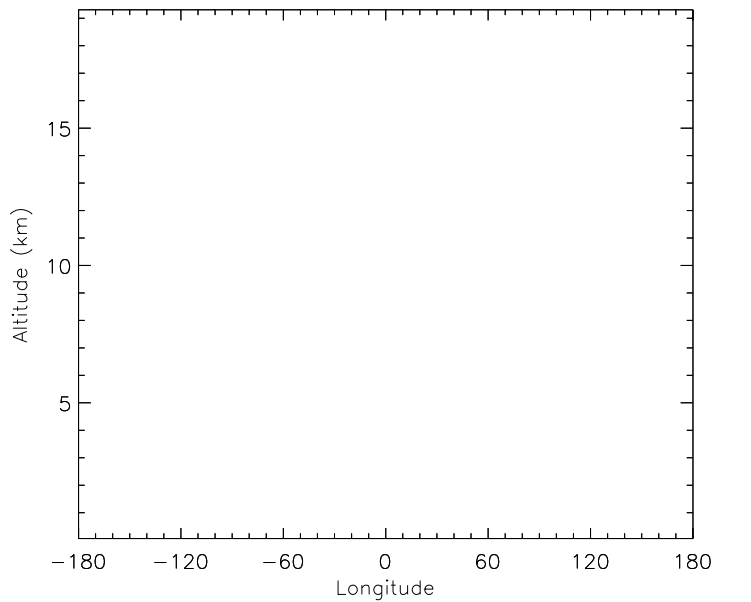
MSA - Diff along 42N for Apr



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

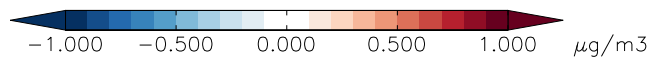
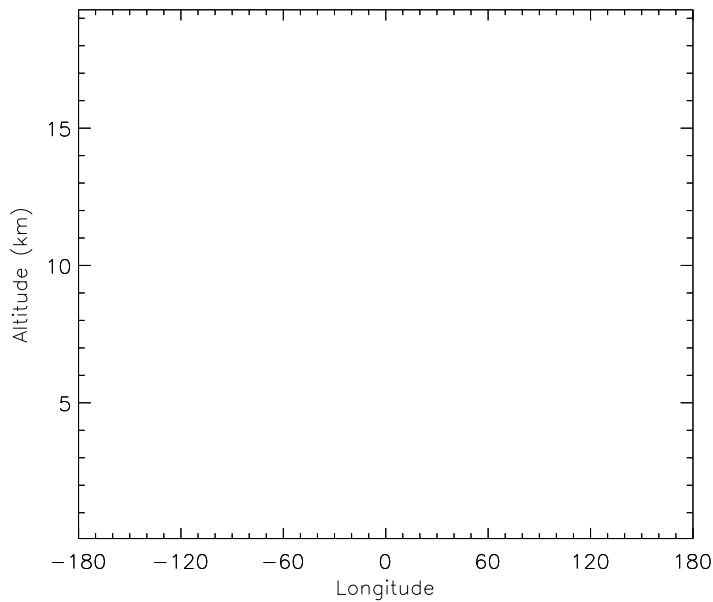
v11-01f-geosp-Run0 - v11-01d-Run1

NH3 - Diff along 15S for Apr



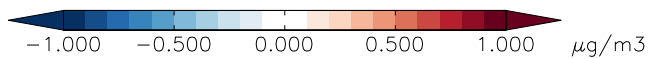
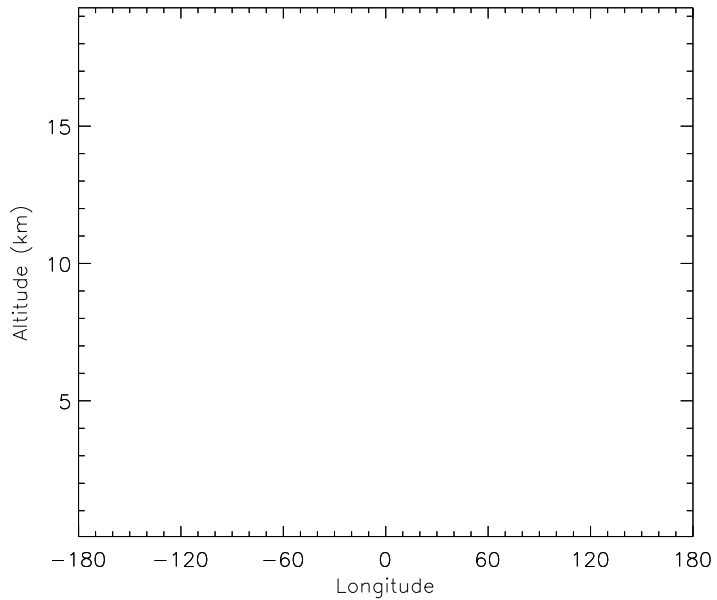
v11-01f-geosp-Run0 - v11-01d-Run1

NH3 - Diff along 42N for Apr



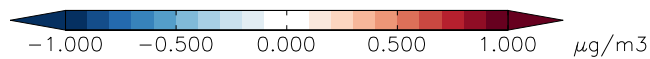
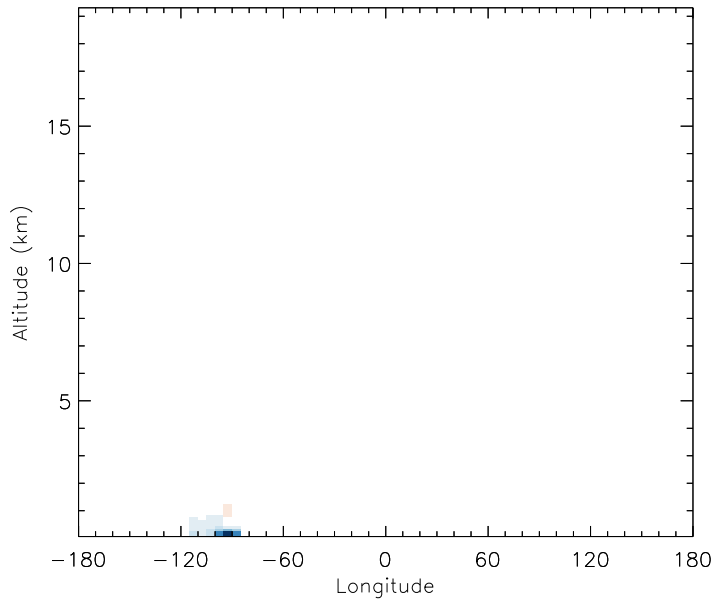
v11-01f-geosp-Run0 - v11-01b-Run0

NH3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

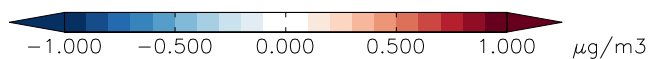
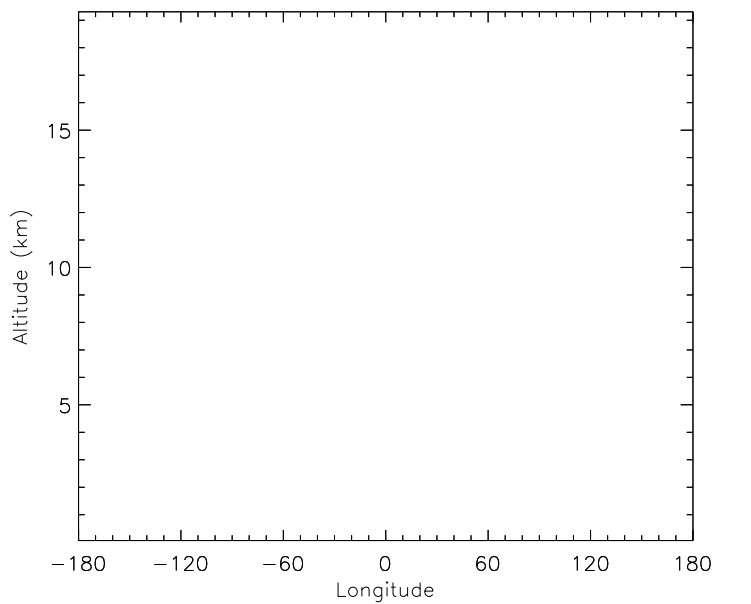
NH3 - Diff along 42N for Apr



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

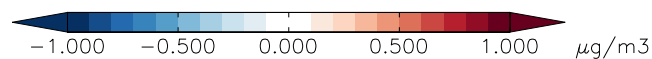
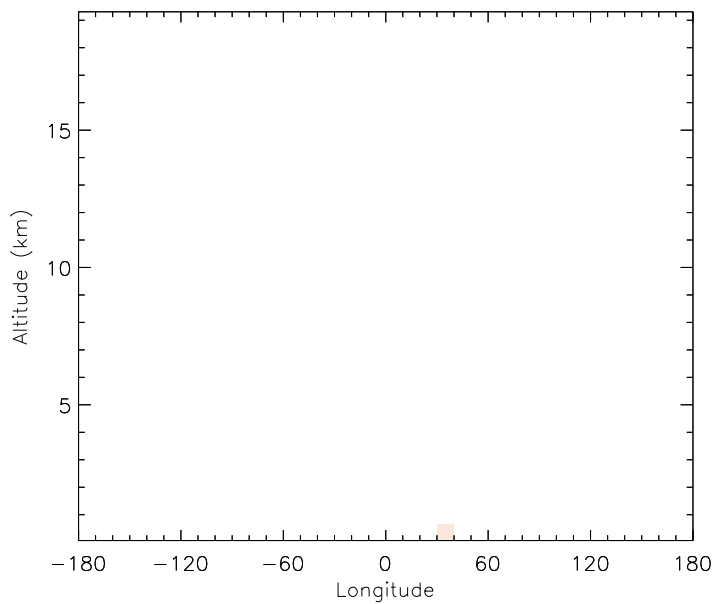
v11-01f-geosp-Run0 - v11-01d-Run1

NH4 - Diff along 15S for Apr



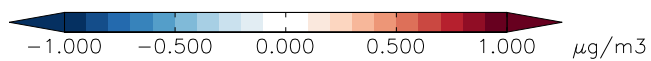
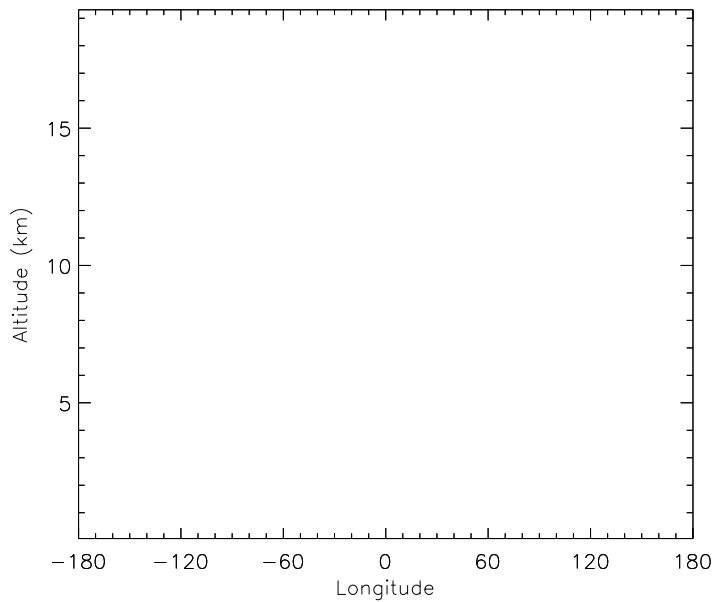
v11-01f-geosp-Run0 - v11-01d-Run1

NH4 - Diff along 42N for Apr



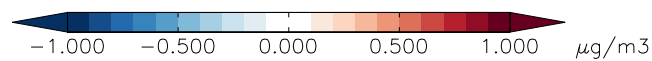
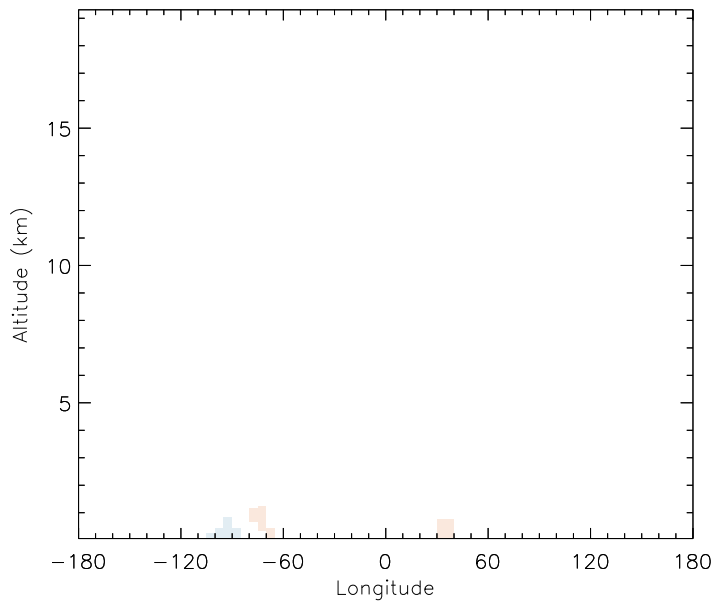
v11-01f-geosp-Run0 - v11-01b-Run0

NH4 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

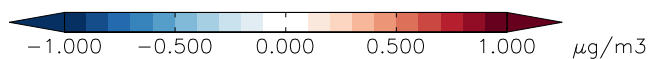
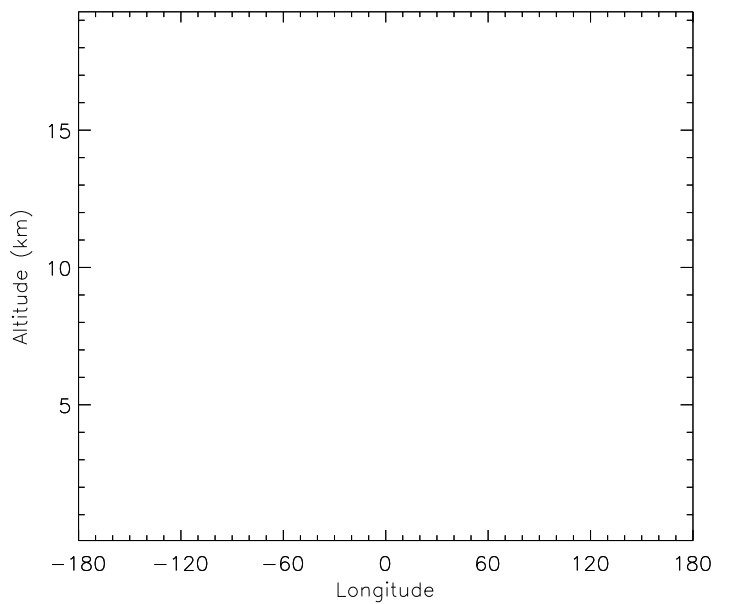
NH4 - Diff along 42N for Apr



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

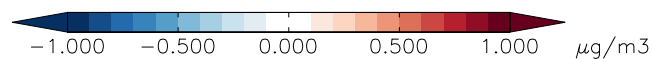
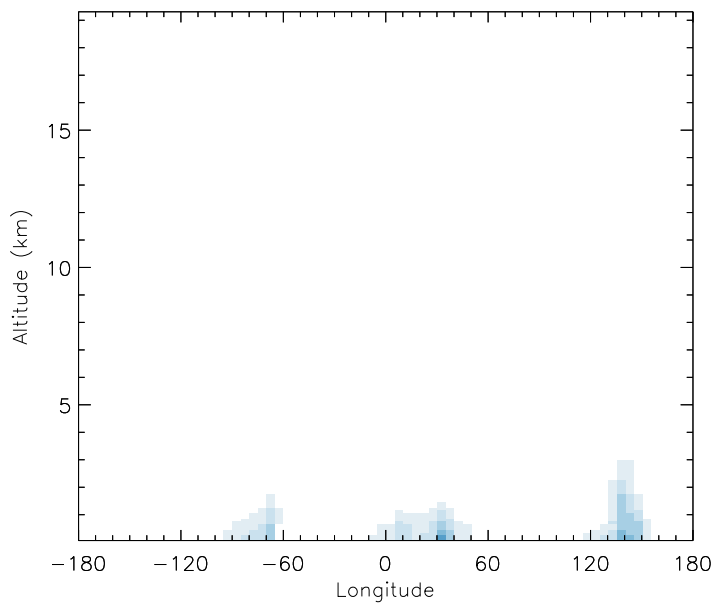
v11-01f-geosp-Run0 - v11-01d-Run1

NIT - Diff along 15S for Apr



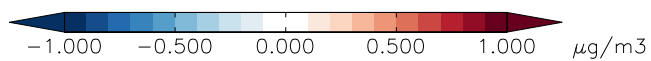
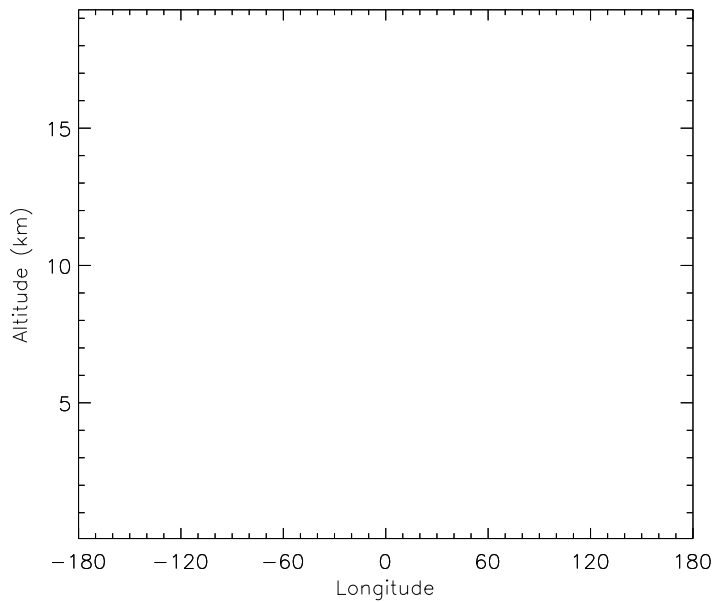
v11-01f-geosp-Run0 - v11-01d-Run1

NIT - Diff along 42N for Apr



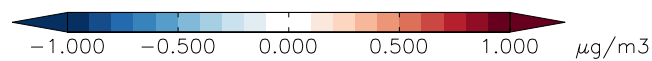
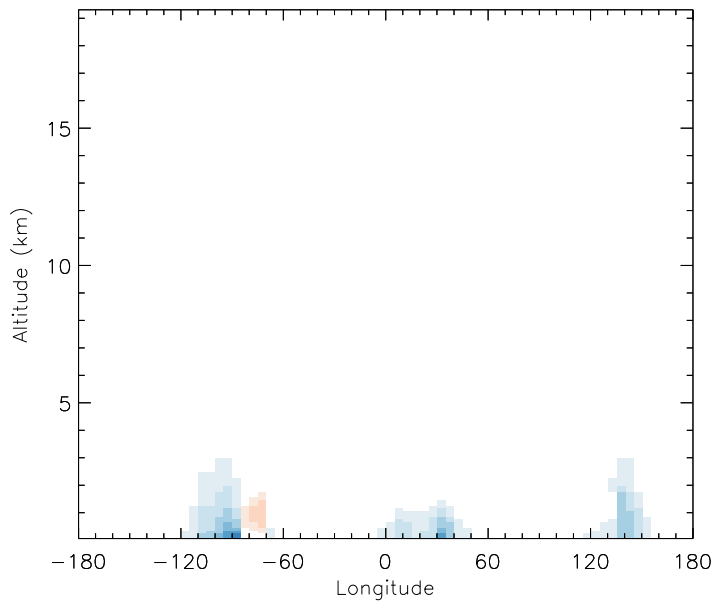
v11-01f-geosp-Run0 - v11-01b-Run0

NIT - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

NIT - Diff along 42N for Apr

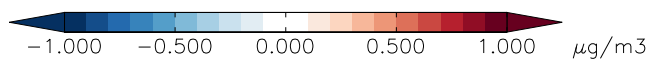
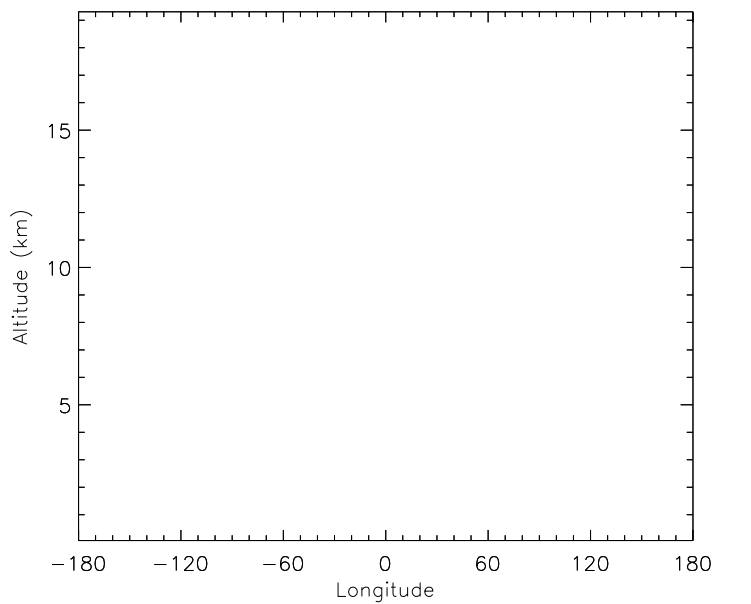




# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

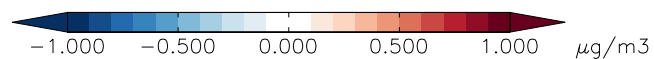
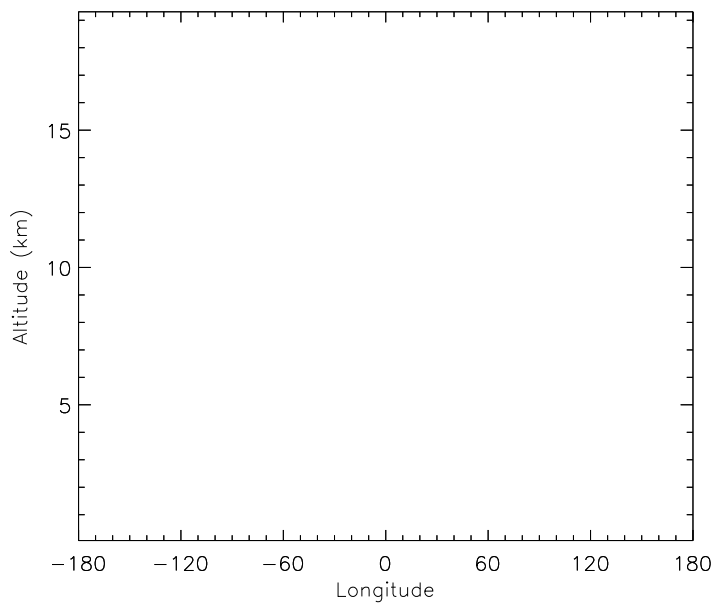
v11-01f-geosp-Run0 - v11-01d-Run1

NITs - Diff along 15S for Apr



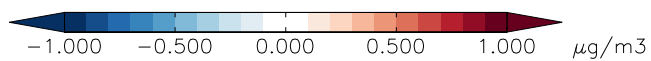
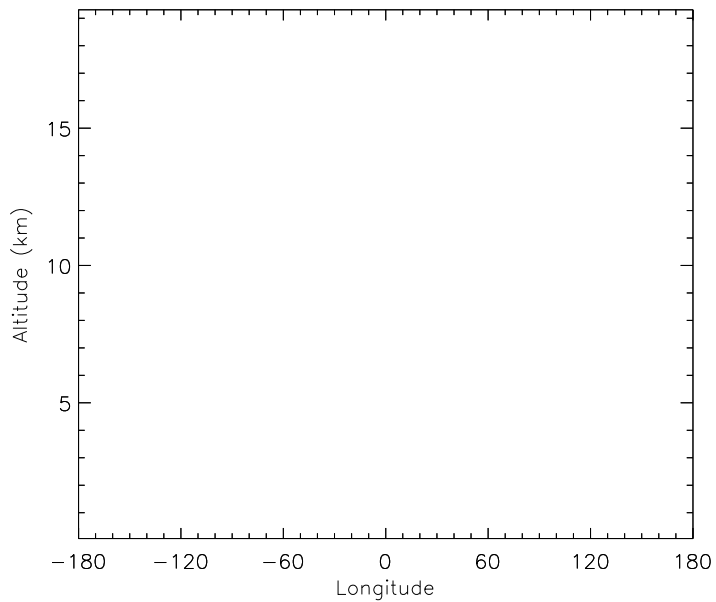
v11-01f-geosp-Run0 - v11-01d-Run1

NITs - Diff along 42N for Apr



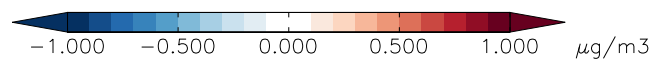
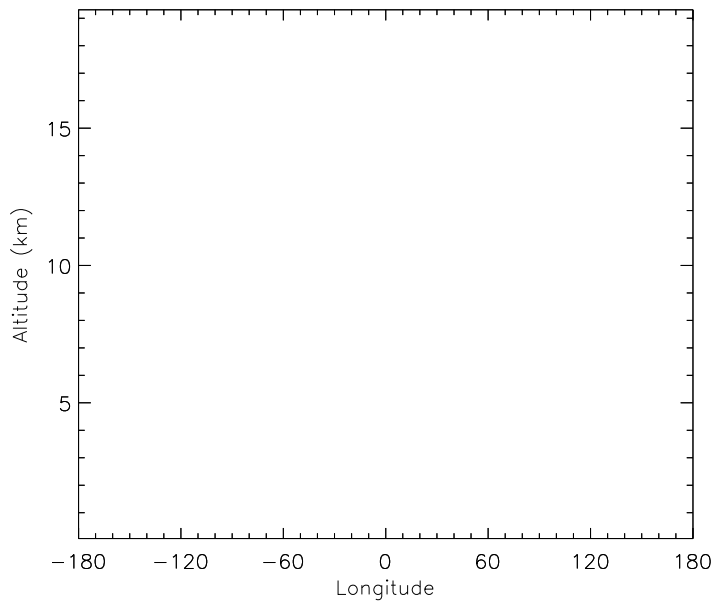
v11-01f-geosp-Run0 - v11-01b-Run0

NITs - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

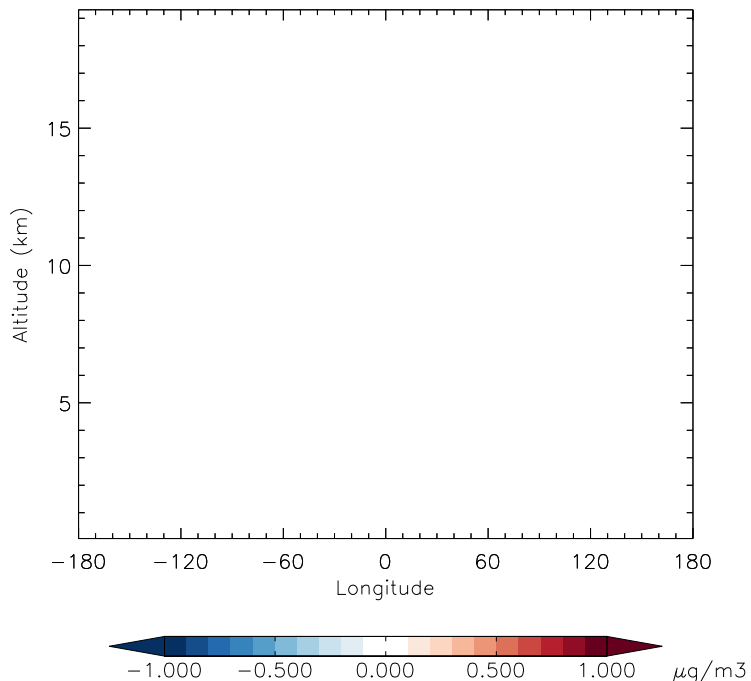
NITs - Diff along 42N for Apr



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

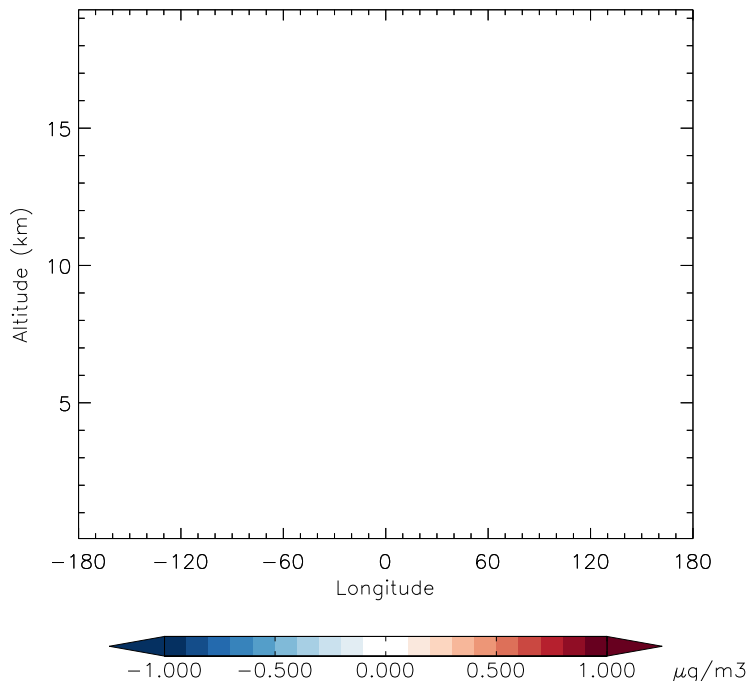
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BCPI - Diff along 15S for Apr



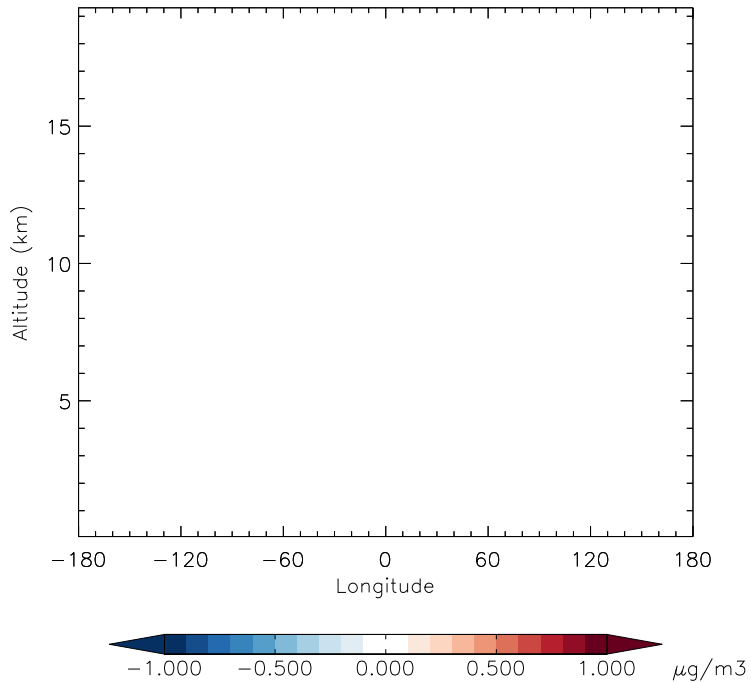
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BCPI - Diff along 42N for Apr



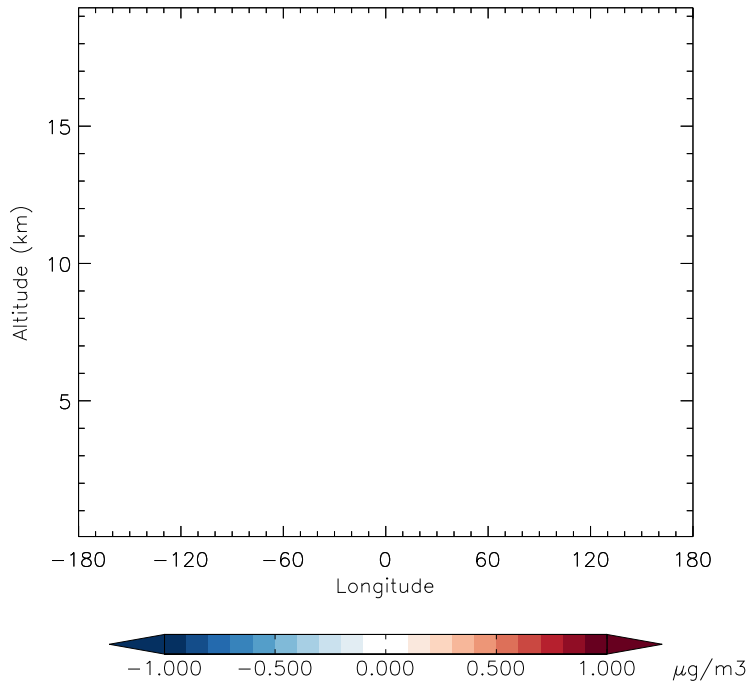
v11-01f-geosp-Run0 - v11-01b-Run0

BCPI - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

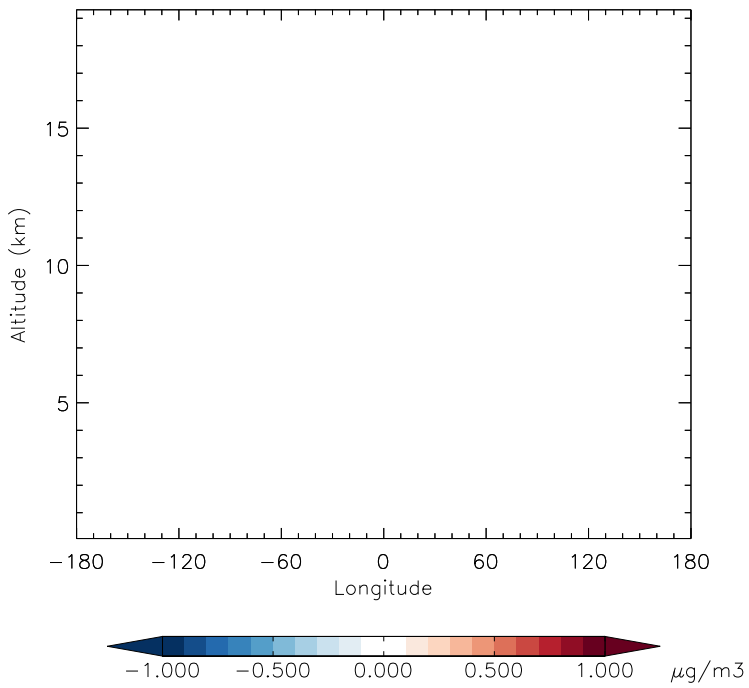
BCPI - Diff along 42N for Apr



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

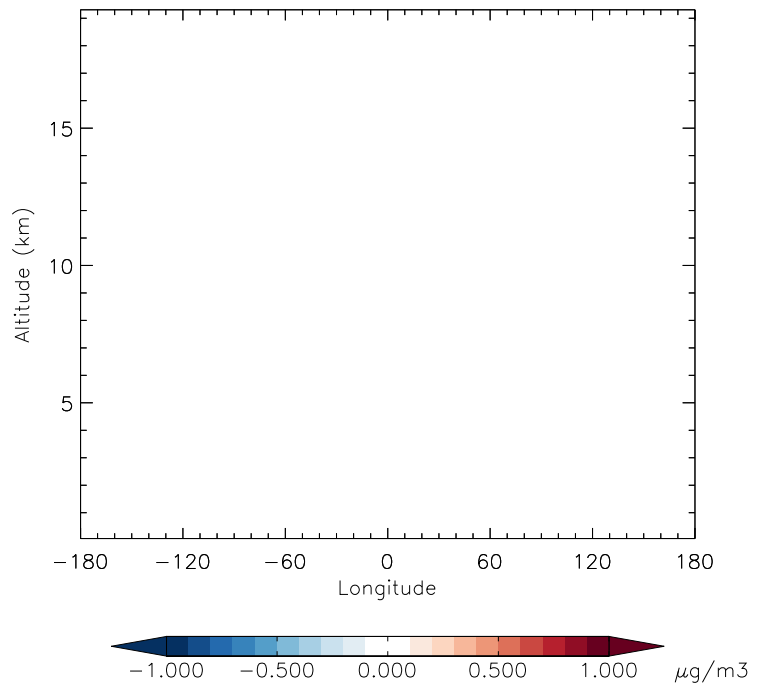
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OCPI - Diff along 15S for Apr



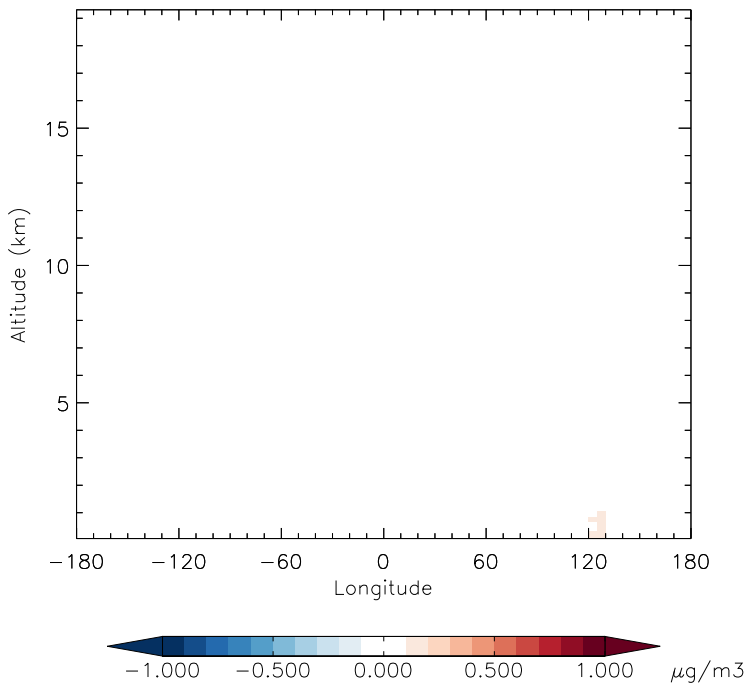
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OCPI - Diff along 42N for Apr



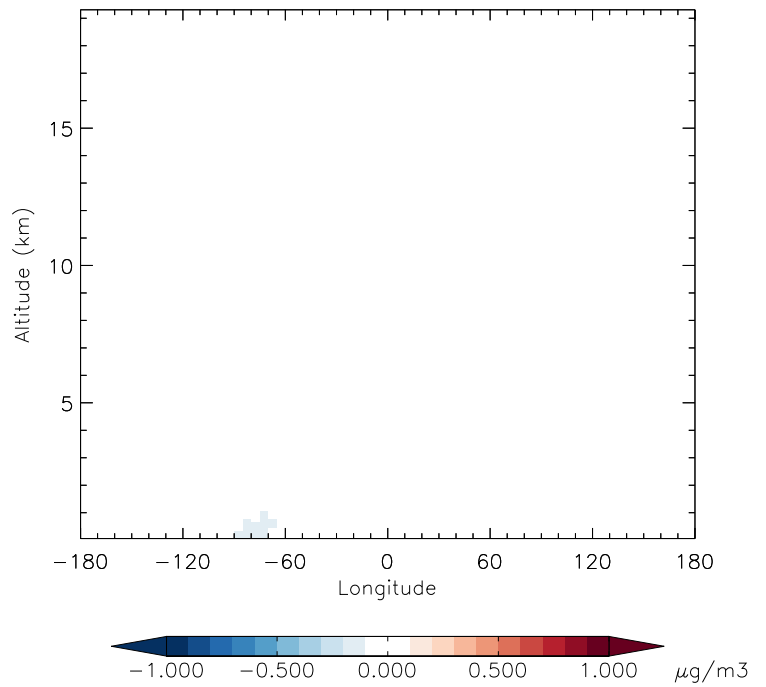
v11-01f-geosp-Run0 - v11-01b-Run0

OCPI - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

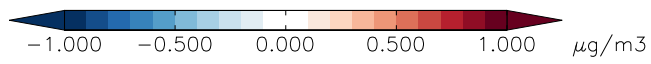
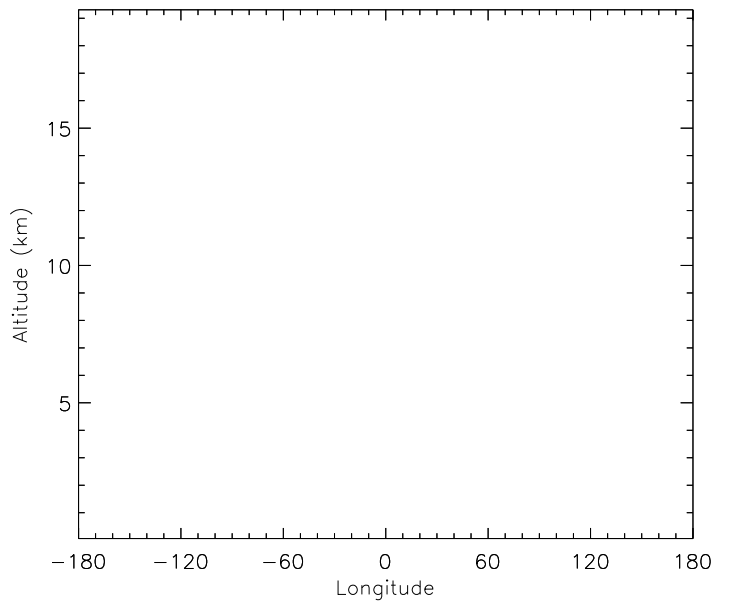
OCPI - Diff along 42N for Apr



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

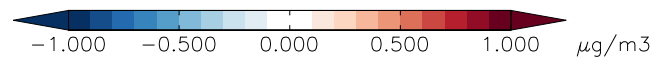
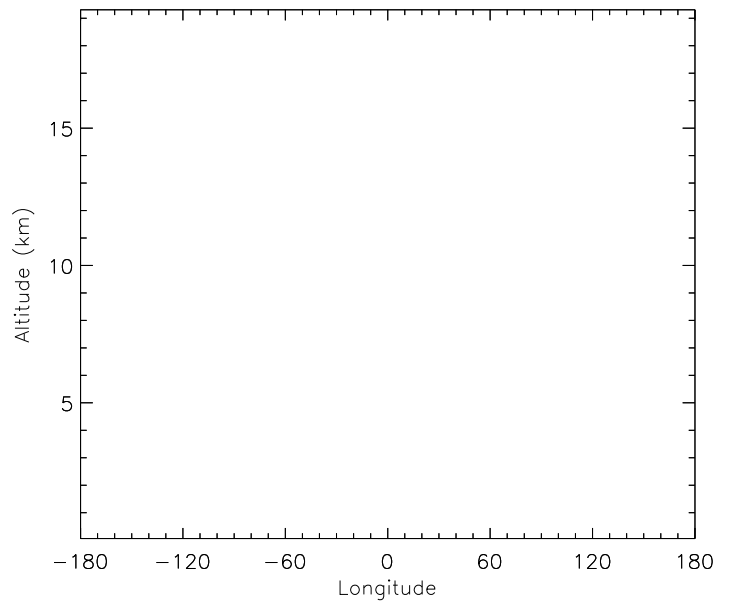
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BCPO - Diff along 15S for Apr



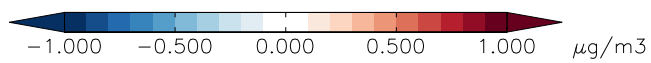
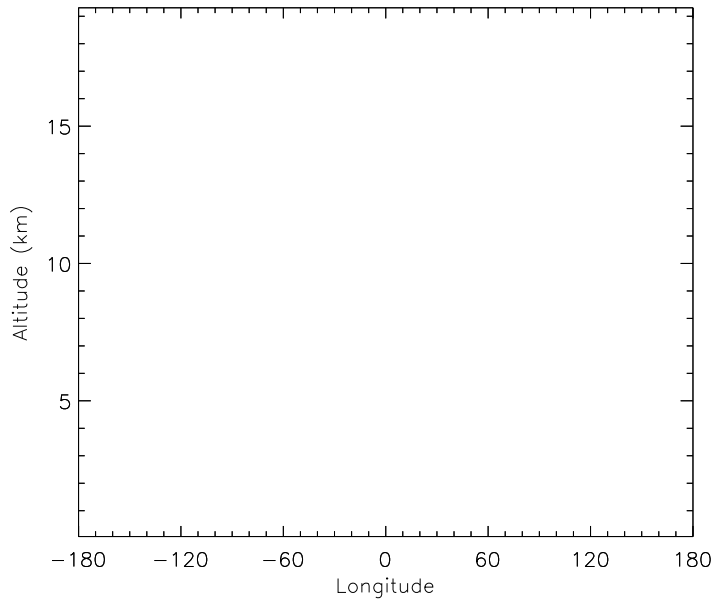
v11-01f-geosp-Run0 - v11-01d-Run1

BCPO - Diff along 42N for Apr



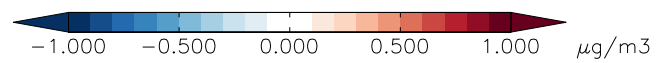
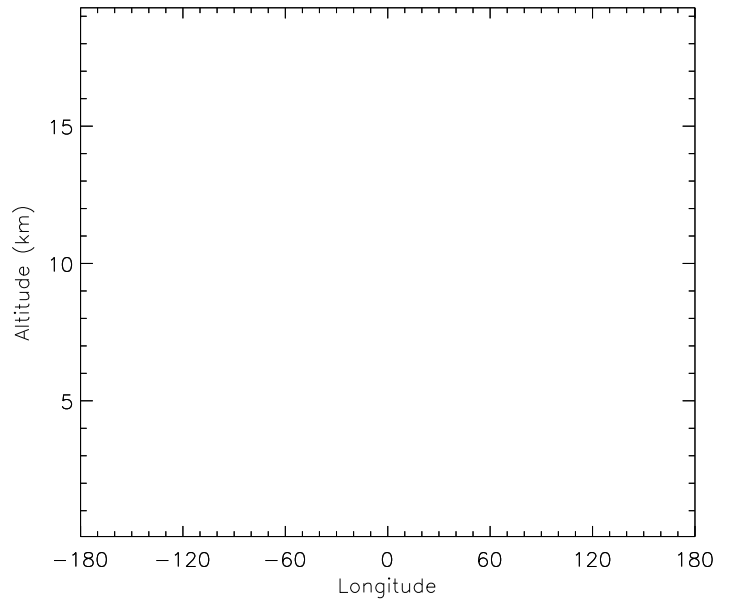
v11-01f-geosp-Run0 - v11-01b-Run0

BCPO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

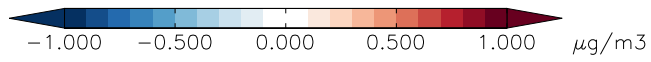
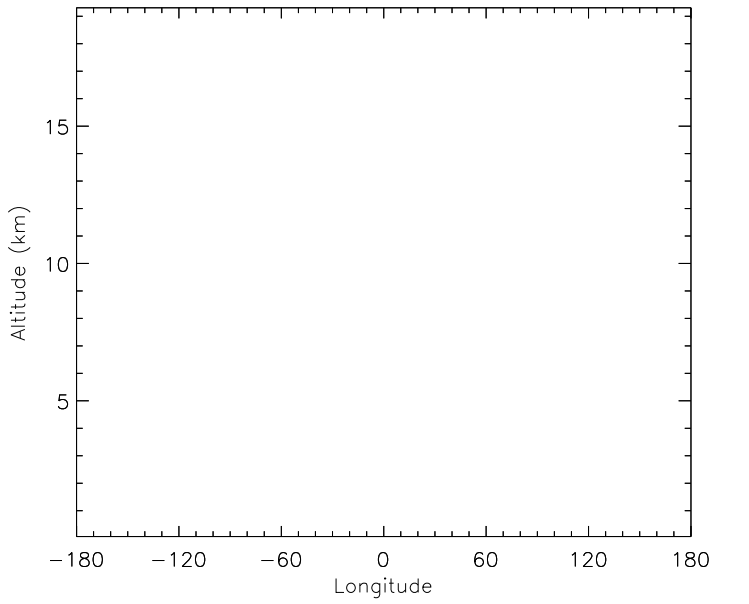
BCPO - Diff along 42N for Apr



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

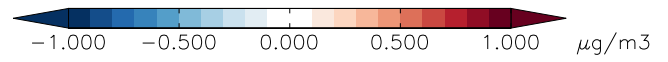
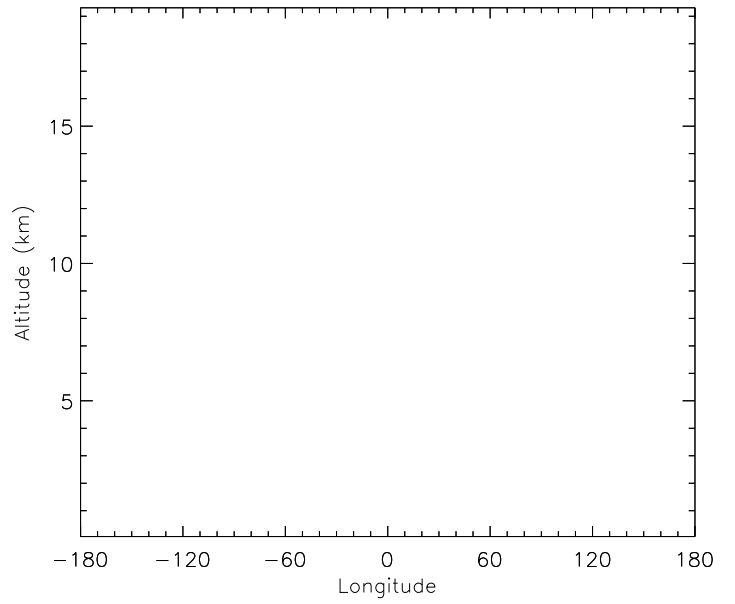
v11-01f-geosp-Run0 - v11-01d-Run1

OCPO - Diff along 15S for Apr



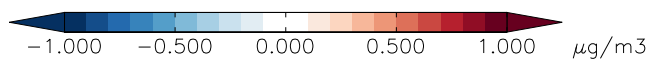
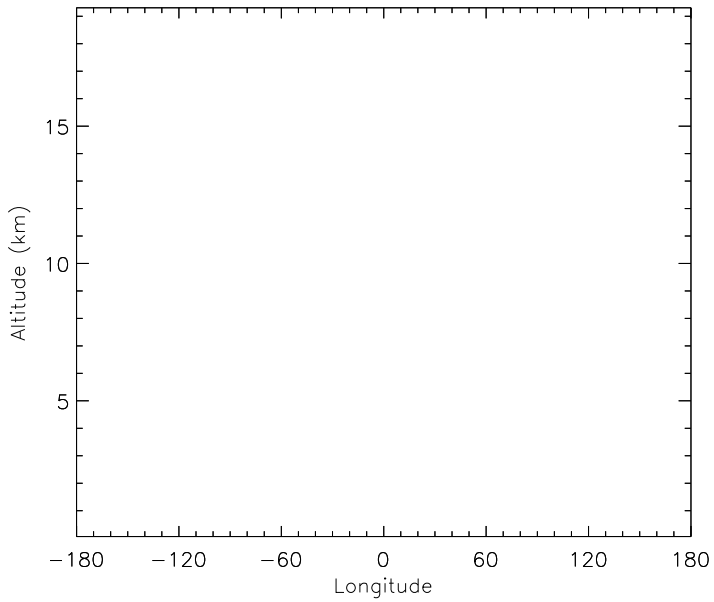
v11-01f-geosp-Run0 - v11-01d-Run1

OCPO - Diff along 42N for Apr



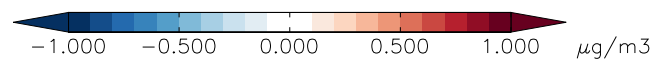
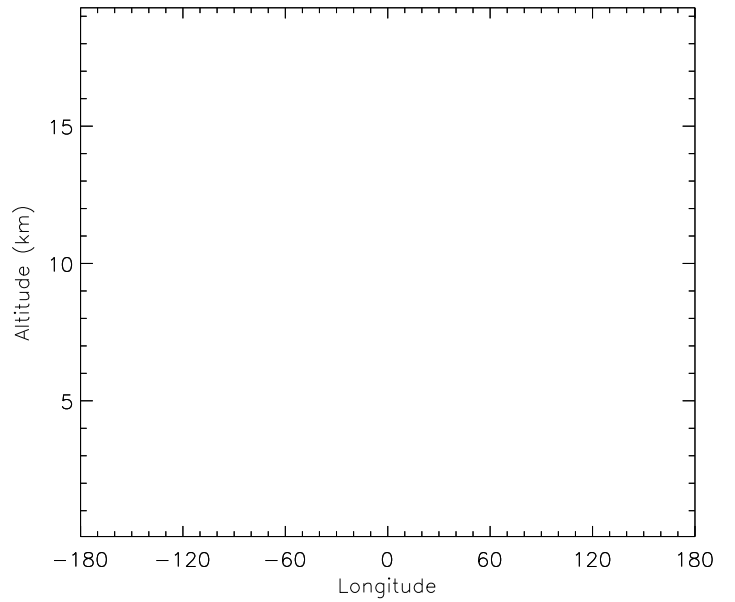
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OCPO - Diff along 15S for Apr



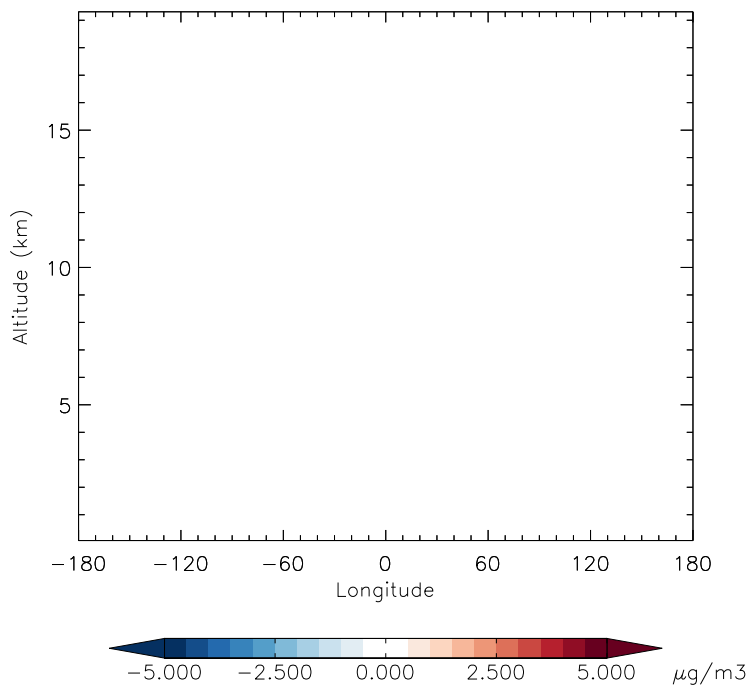
v11-01f-geosp-Run0 - v11-01b-Run0

OCPO - Diff along 42N for Apr

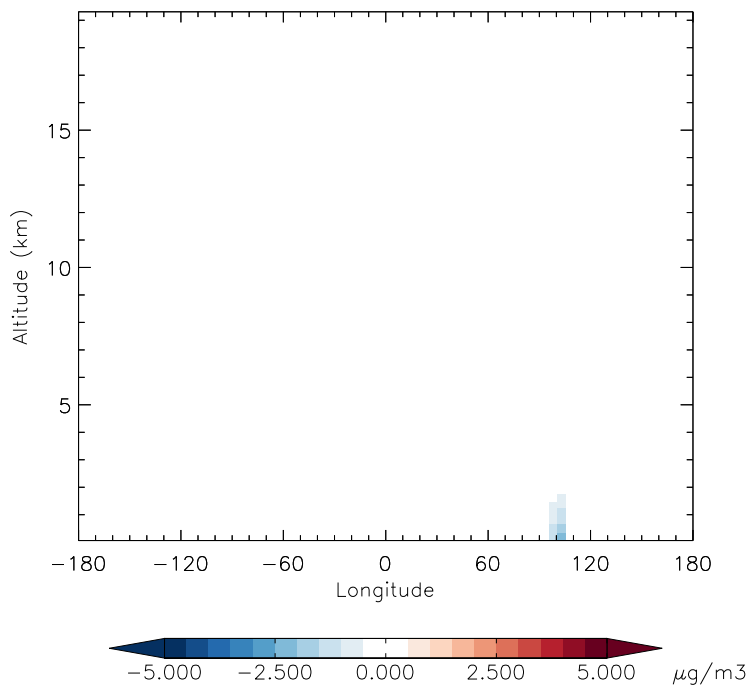


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

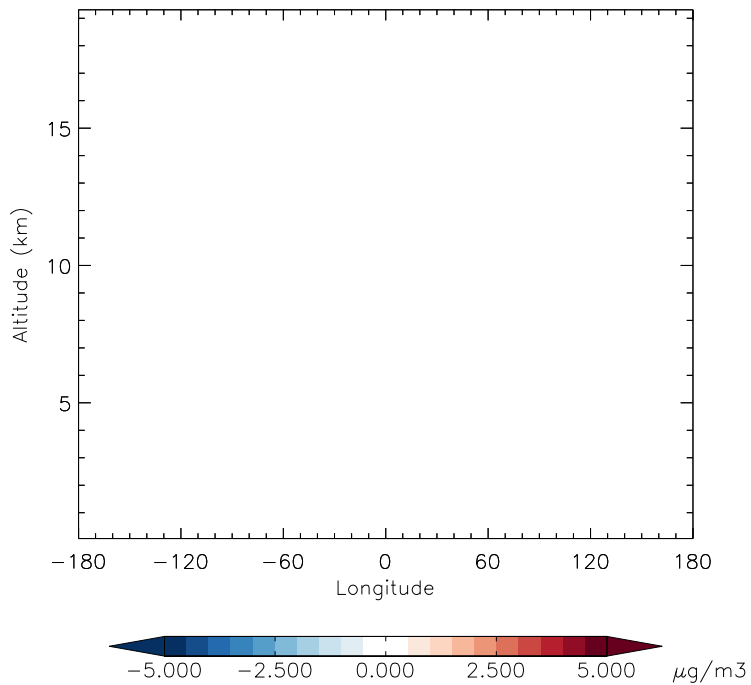
v11-01f-geosp-Run0 - v11-01d-Run1  
DST1 - Diff along 15S for Apr



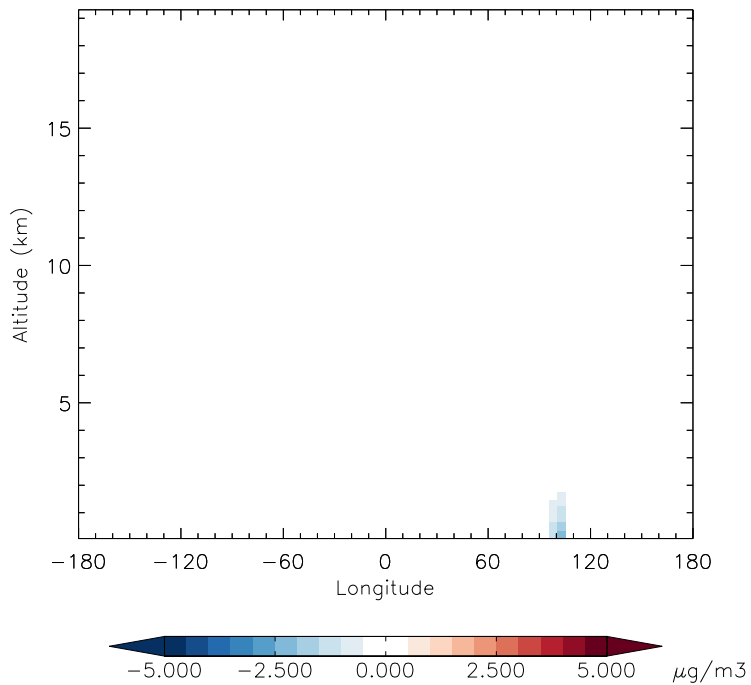
v11-01f-geosp-Run0 - v11-01d-Run1  
DST1 - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
DST1 - Diff along 15S for Apr



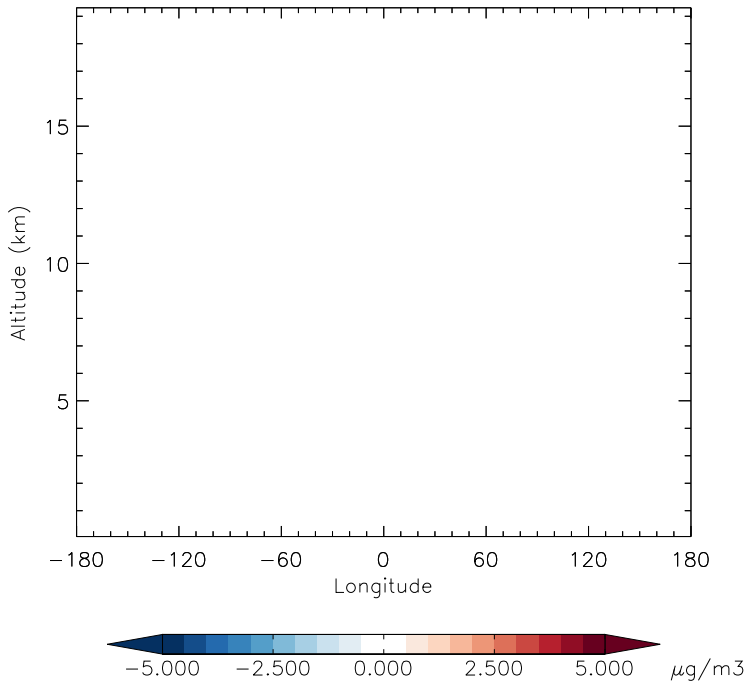
v11-01f-geosp-Run0 - v11-01b-Run0  
DST1 - Diff along 42N for Apr



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

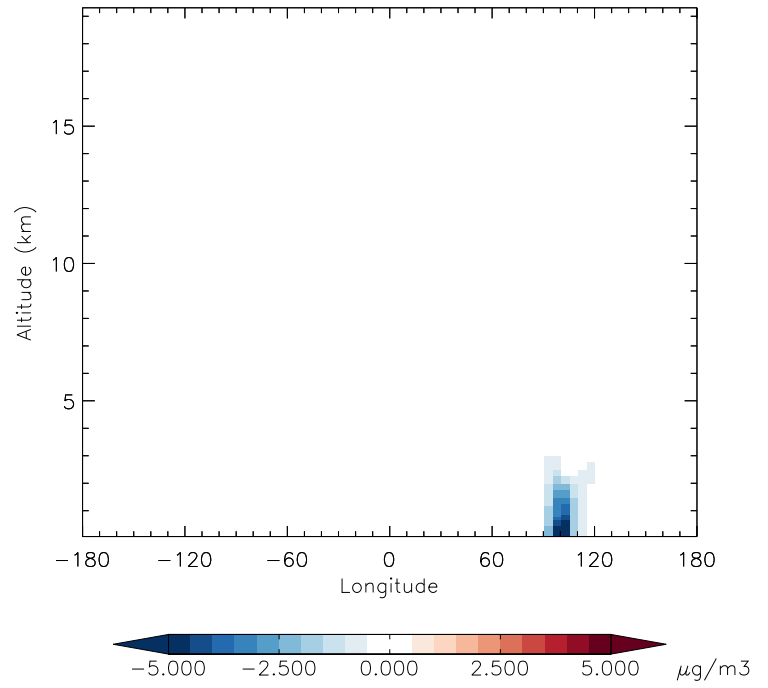
v11-01f-geosp-Run0 - v11-01d-Run1

DST2 - Diff along 15S for Apr



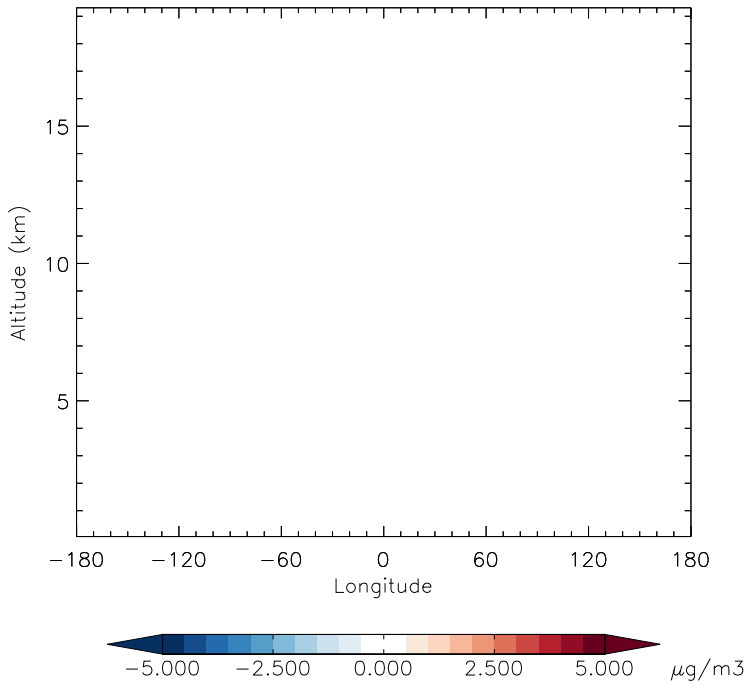
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DST2 - Diff along 42N for Apr



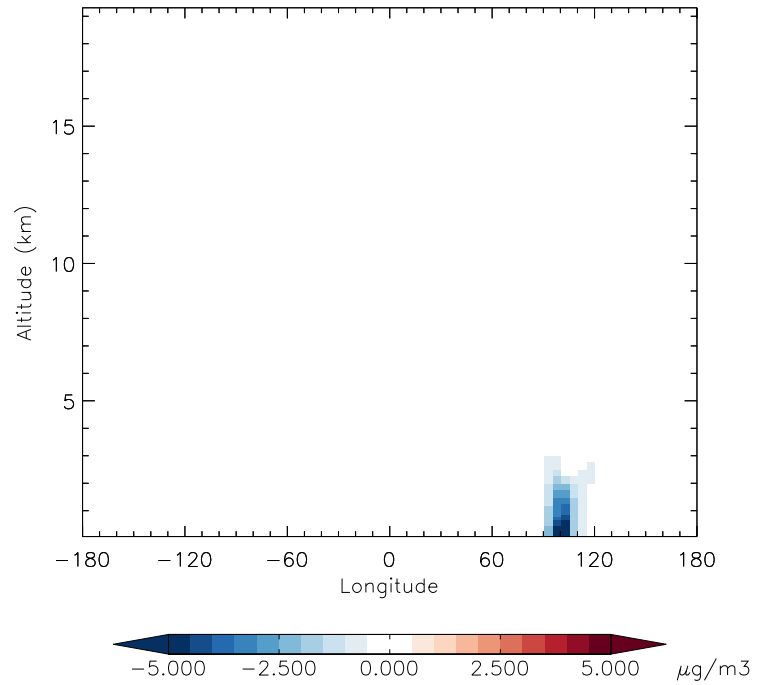
v11-01f-geosp-Run0 - v11-01b-Run0

DST2 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

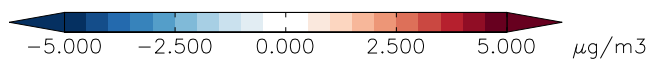
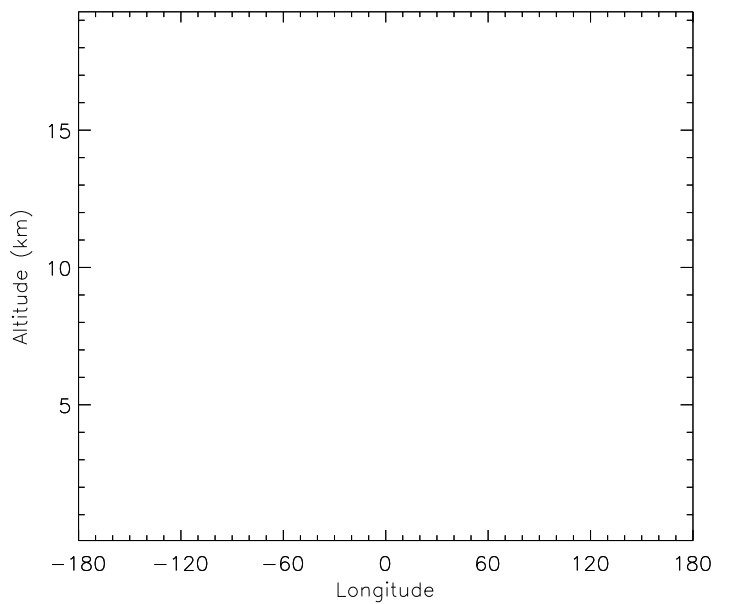
DST2 - Diff along 42N for Apr



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

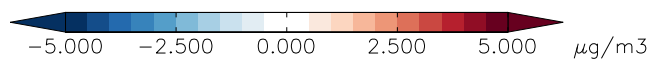
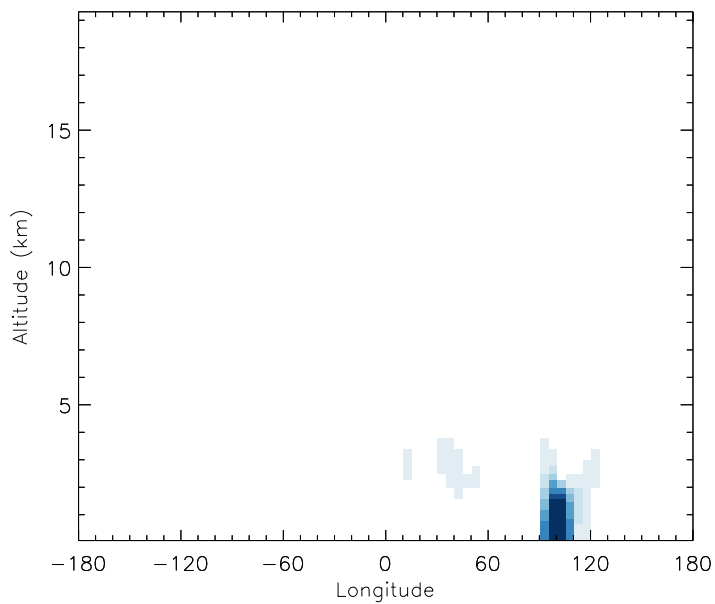
v11-01f-geosp-Run0 - v11-01d-Run1

DST3 - Diff along 15S for Apr



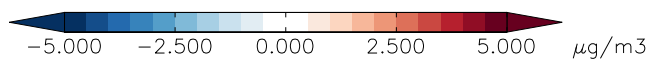
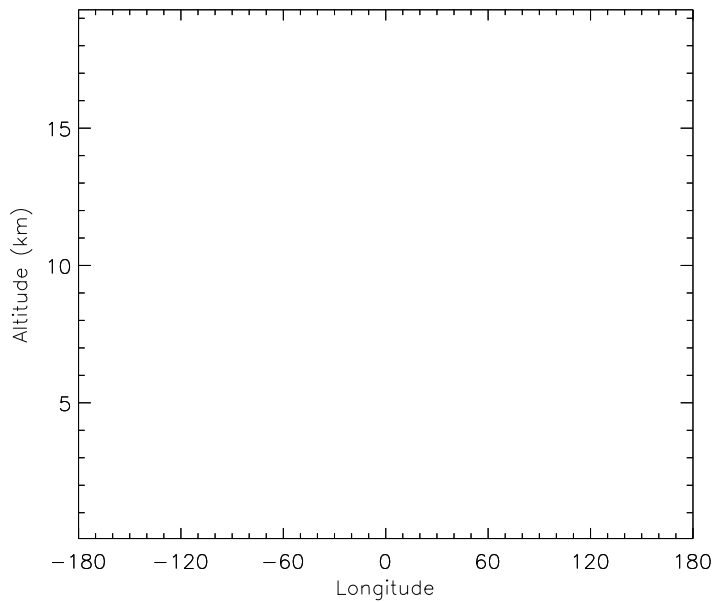
v11-01f-geosp-Run0 - v11-01d-Run1

DST3 - Diff along 42N for Apr



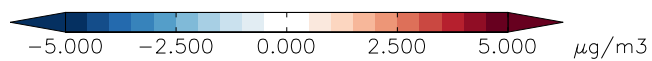
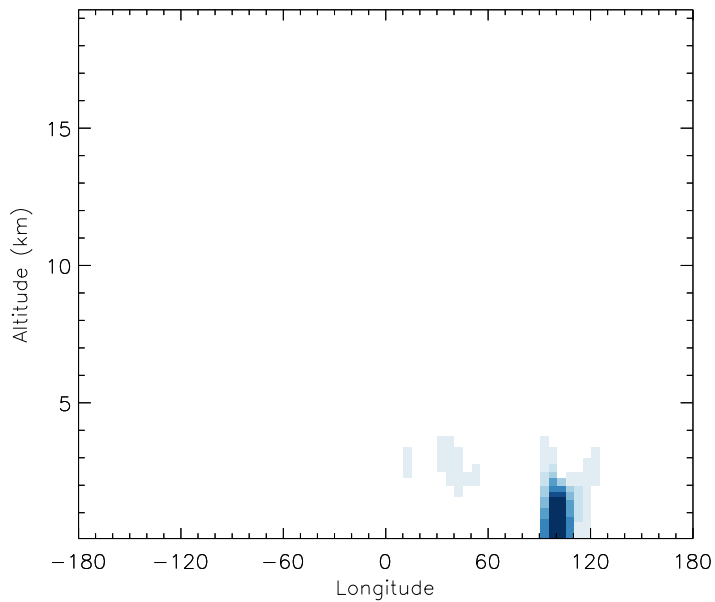
v11-01f-geosp-Run0 - v11-01b-Run0

DST3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

DST3 - Diff along 42N for Apr

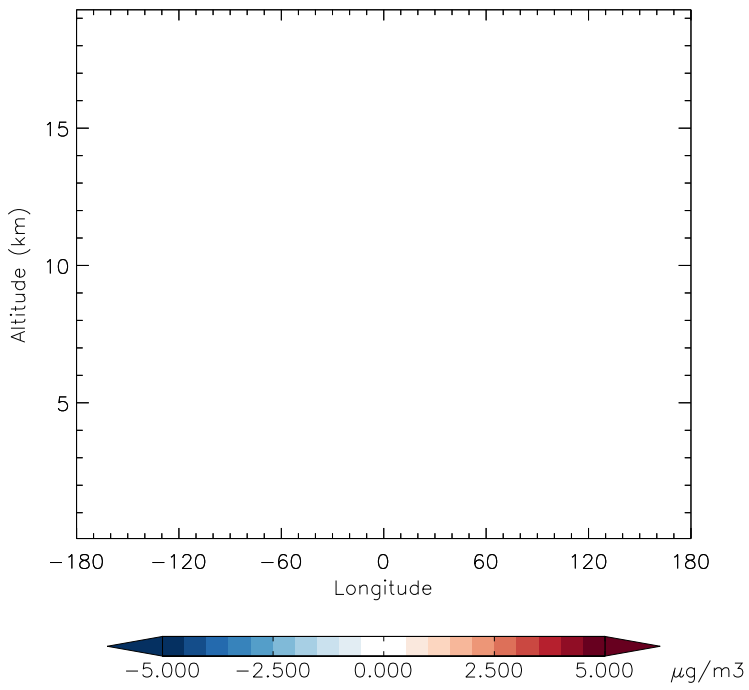




# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

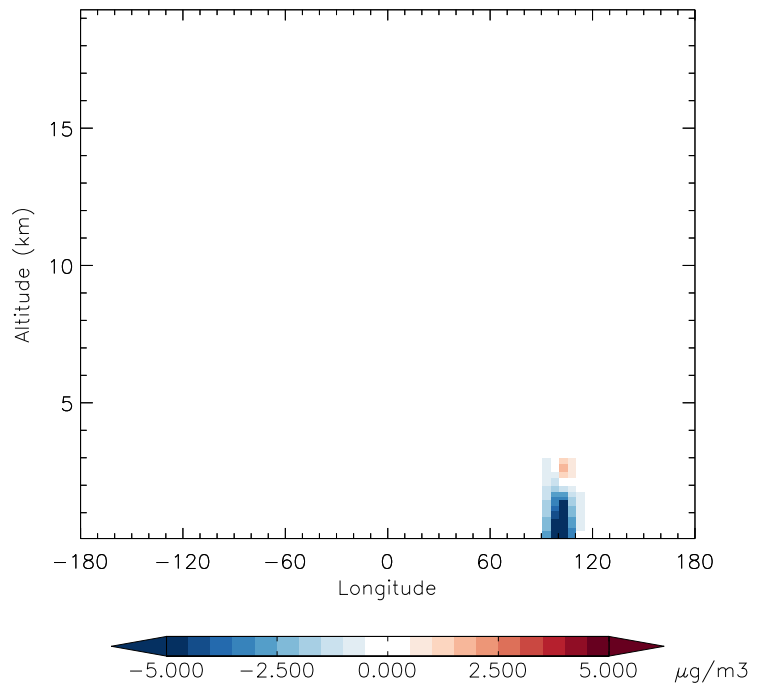
v11-01f-geosp-Run0 - v11-01d-Run1

DST4 - Diff along 15S for Apr



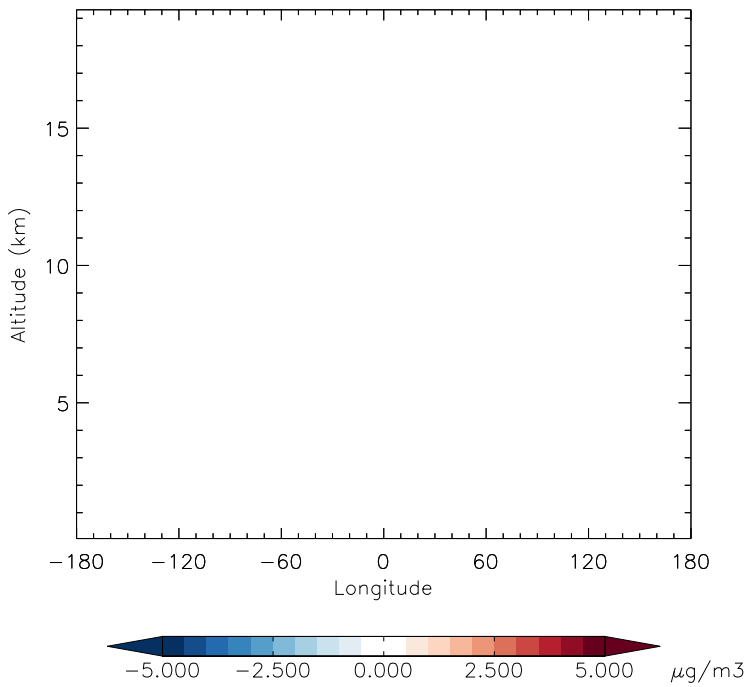
v11-01f-geosp-Run0 - v11-01d-Run1

DST4 - Diff along 42N for Apr



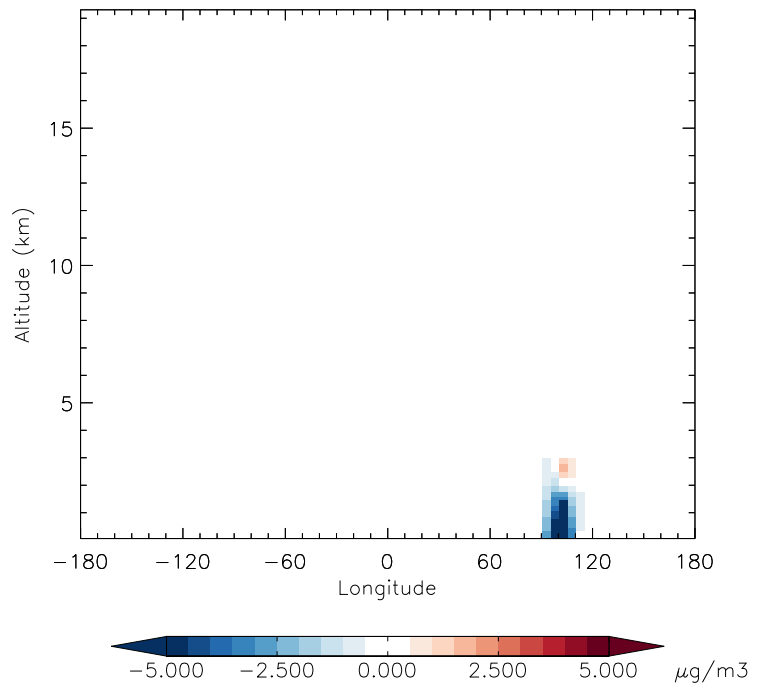
v11-01f-geosp-Run0 - v11-01b-Run0

DST4 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

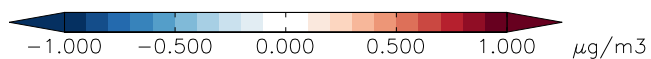
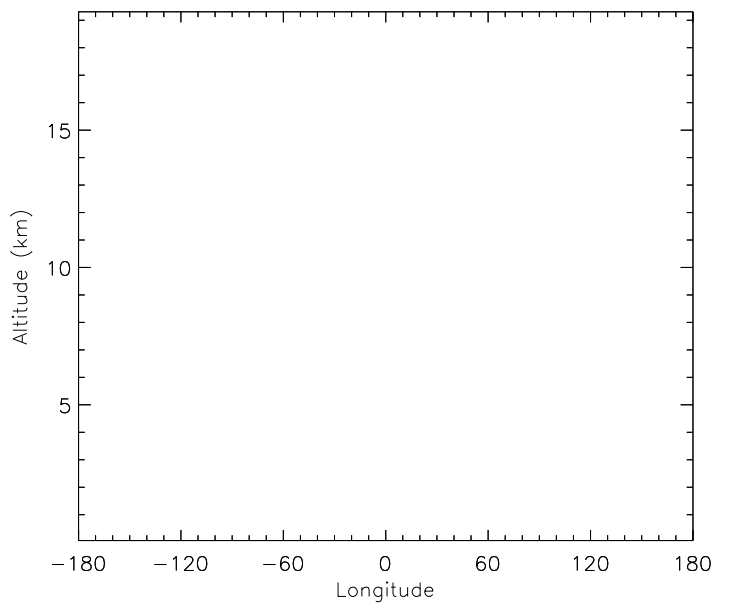
DST4 - Diff along 42N for Apr



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

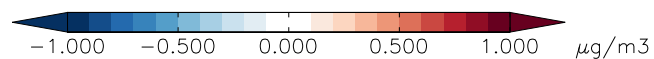
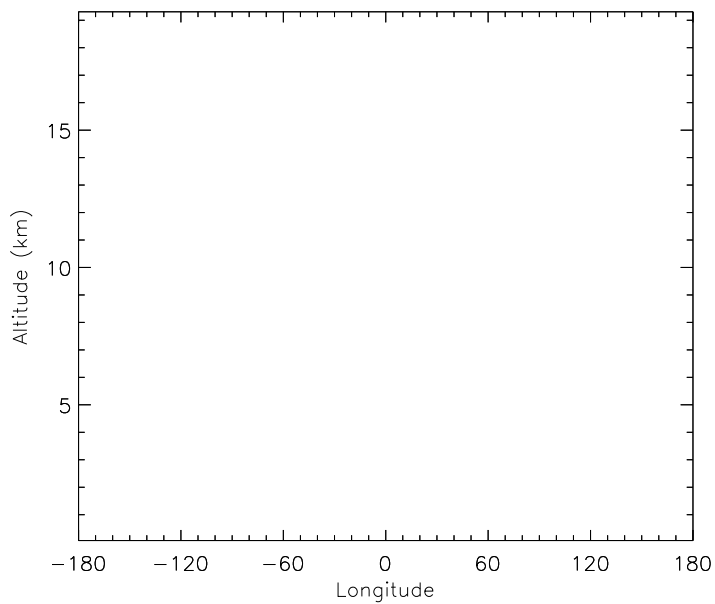
v11-01f-geosp-Run0 - v11-01d-Run1

SALA - Diff along 15S for Apr



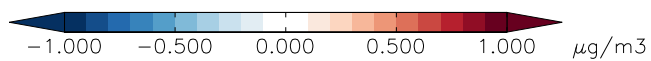
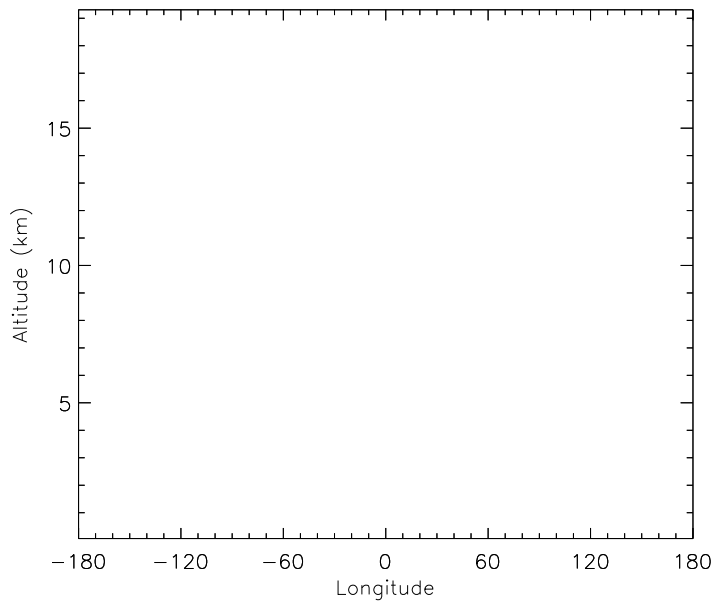
v11-01f-geosp-Run0 - v11-01d-Run1

SALA - Diff along 42N for Apr



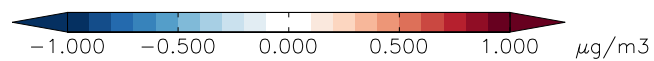
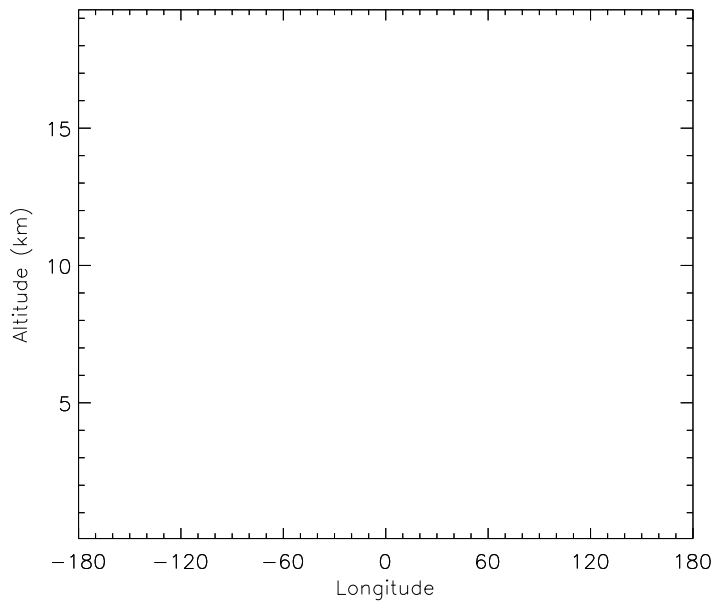
v11-01f-geosp-Run0 - v11-01b-Run0

SALA - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

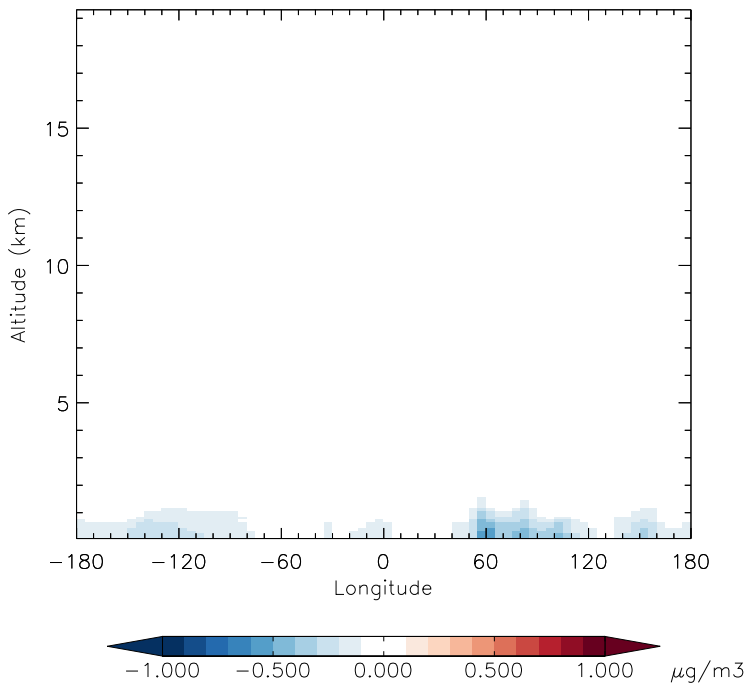
SALA - Diff along 42N for Apr



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

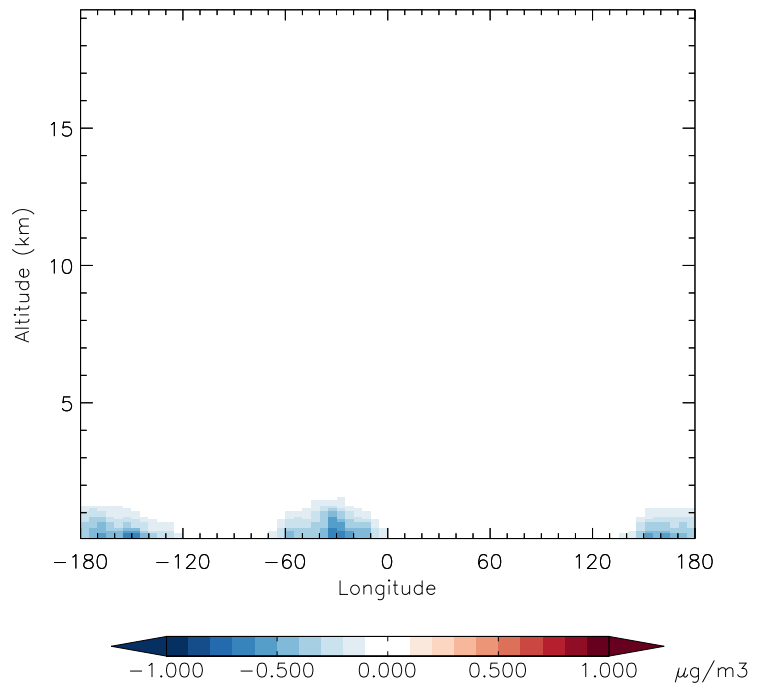
v11-01f-geosfp-Run0 - v11-01d-Run1

SALC - Diff along 15S for Apr



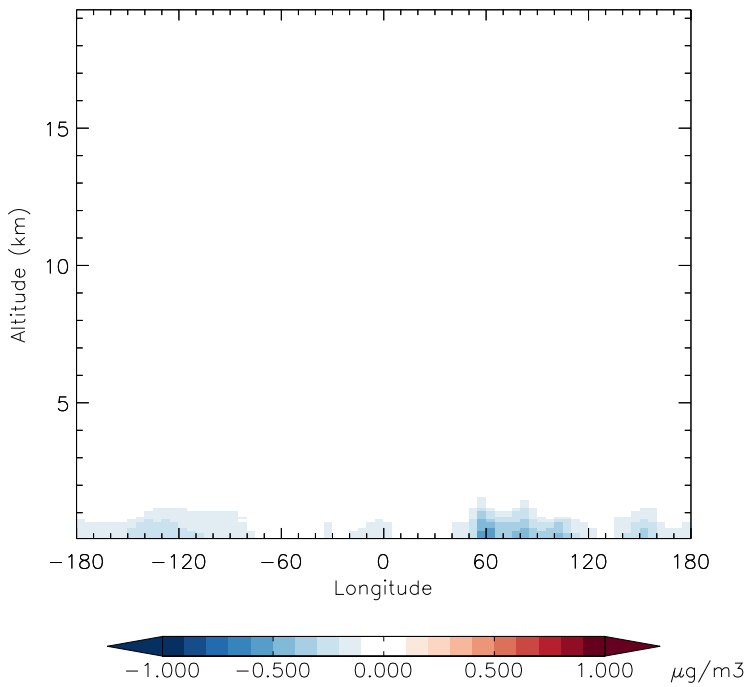
v11-01f-geosfp-Run0 - v11-01d-Run1

SALC - Diff along 42N for Apr



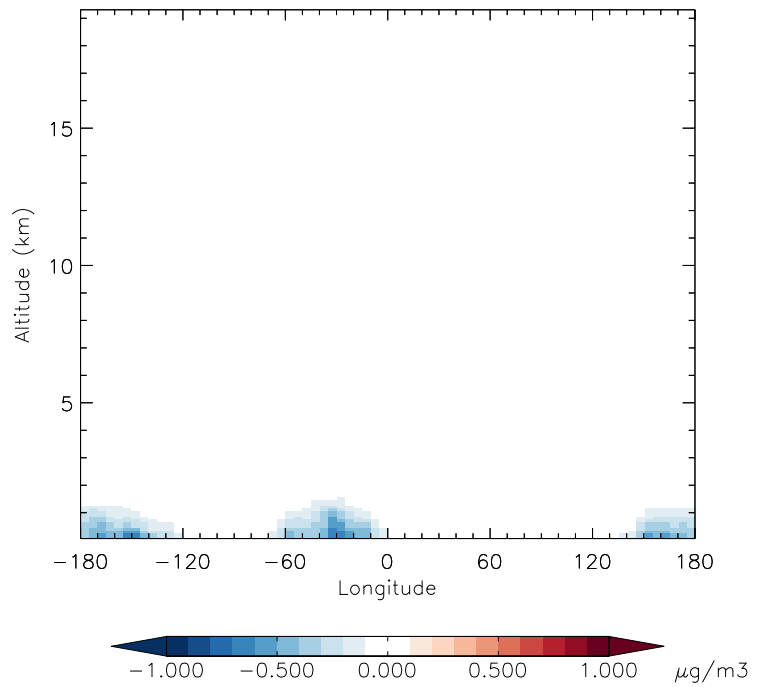
v11-01f-geosfp-Run0 - v11-01b-Run0

SALC - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

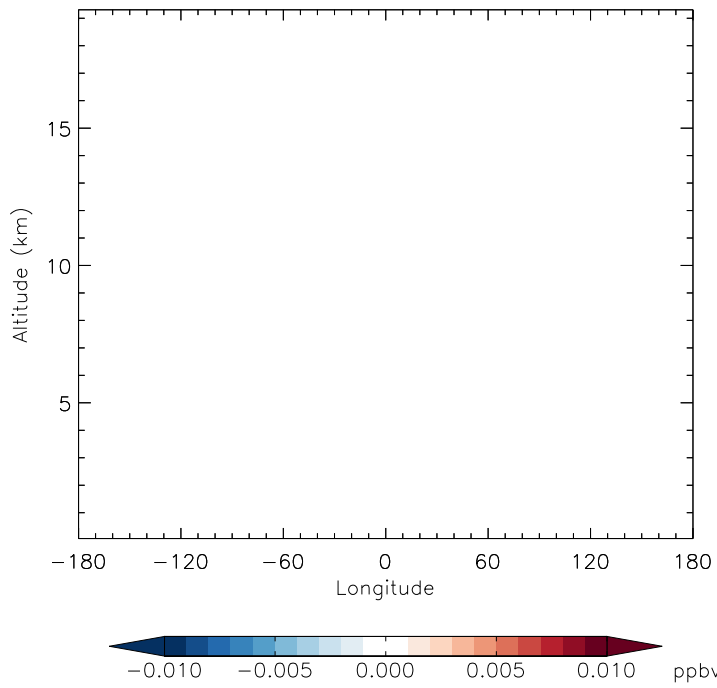
SALC - Diff along 42N for Apr



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

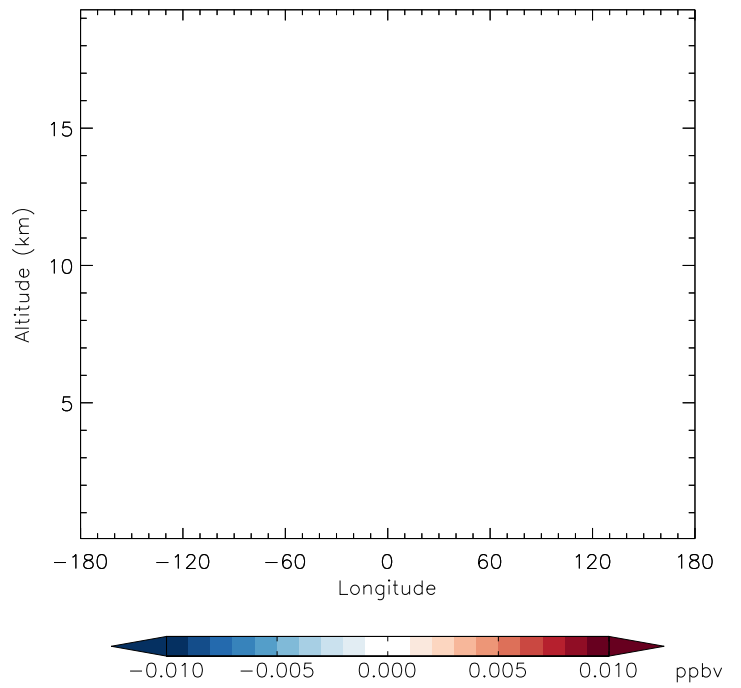
v11-01f-geosp-Run0 - v11-01d-Run1

Br2 - Diff along 15S for Apr



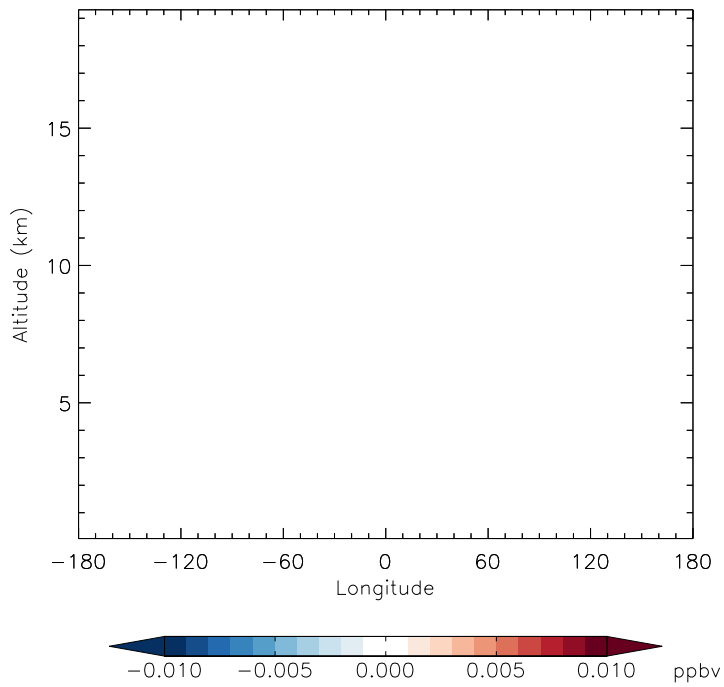
v11-01f-geosp-Run0 - v11-01d-Run1

Br2 - Diff along 42N for Apr



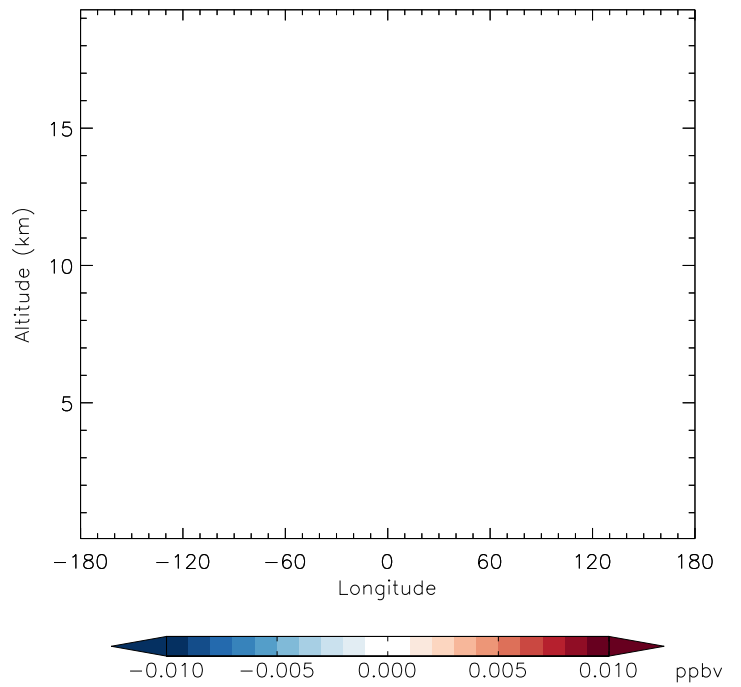
v11-01f-geosp-Run0 - v11-01b-Run0

Br2 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

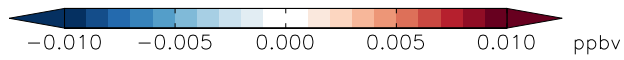
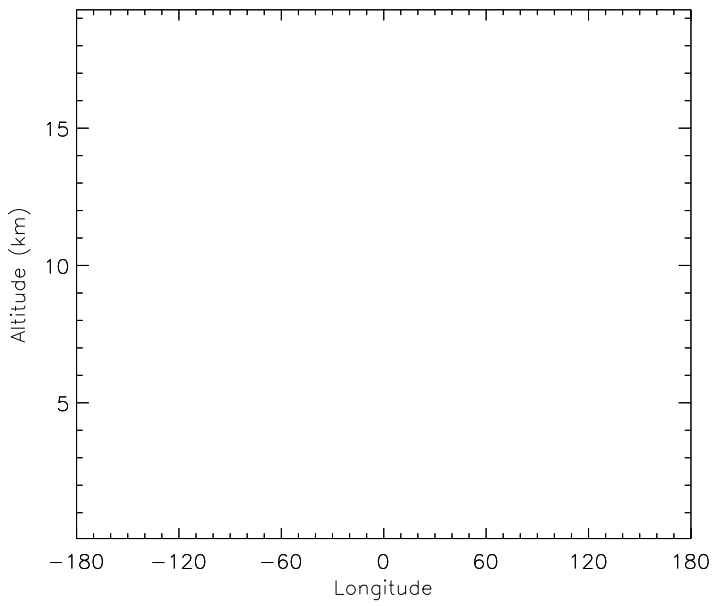
Br2 - Diff along 42N for Apr



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

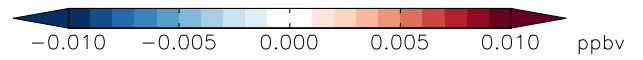
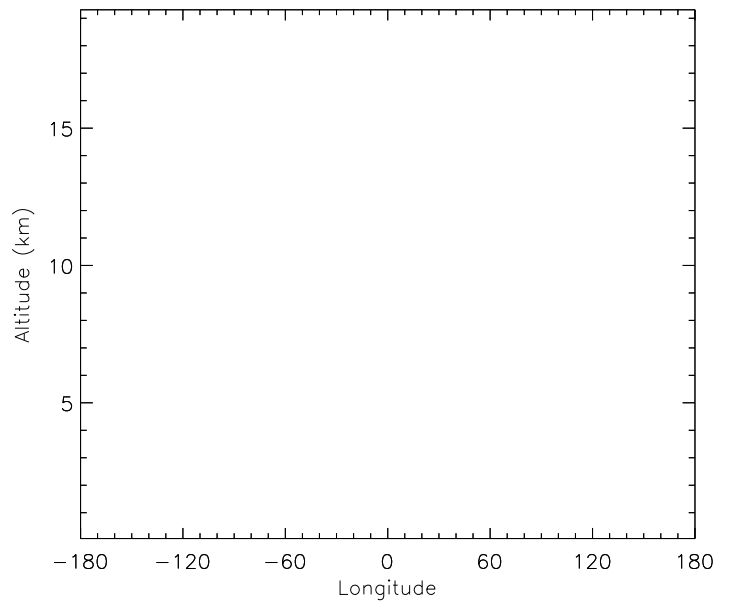
v11-01f-geosp-Run0 - v11-01d-Run1

Br - Diff along 15S for Apr



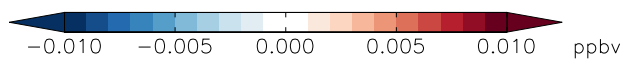
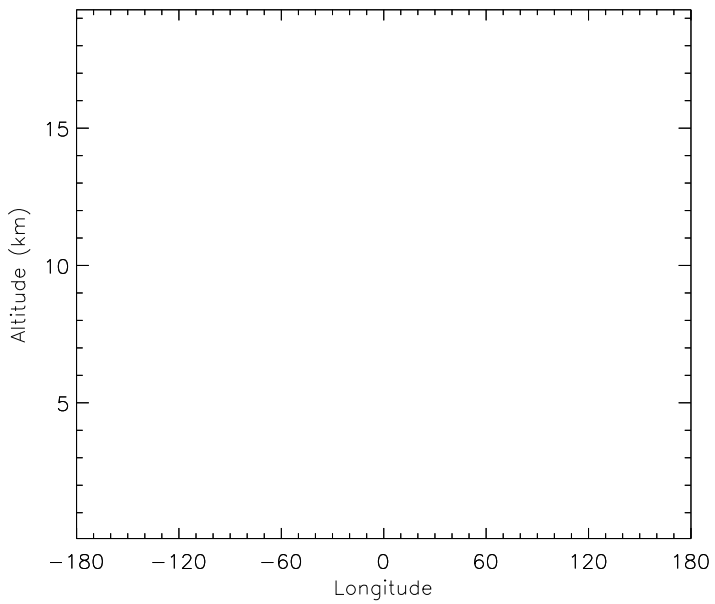
v11-01f-geosp-Run0 - v11-01d-Run1

Br - Diff along 42N for Apr



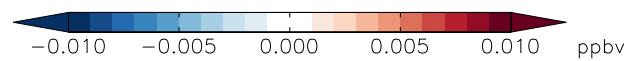
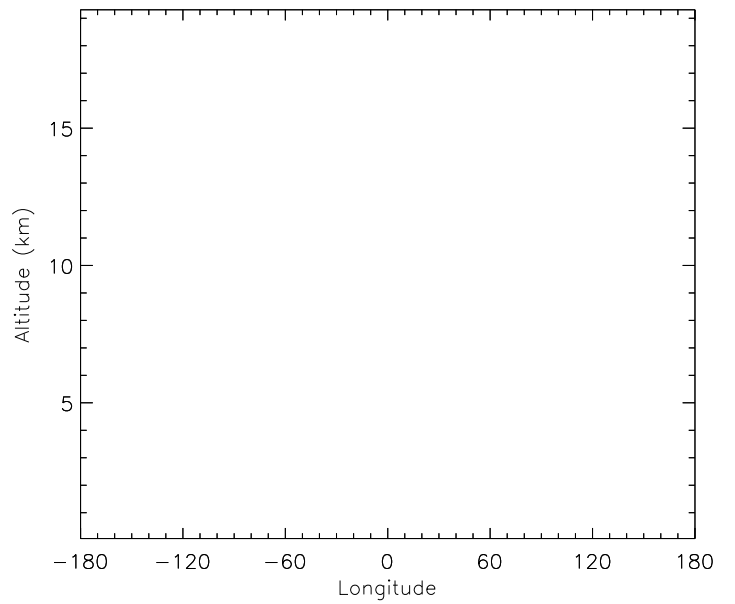
v11-01f-geosp-Run0 - v11-01b-Run0

Br - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

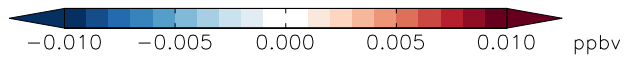
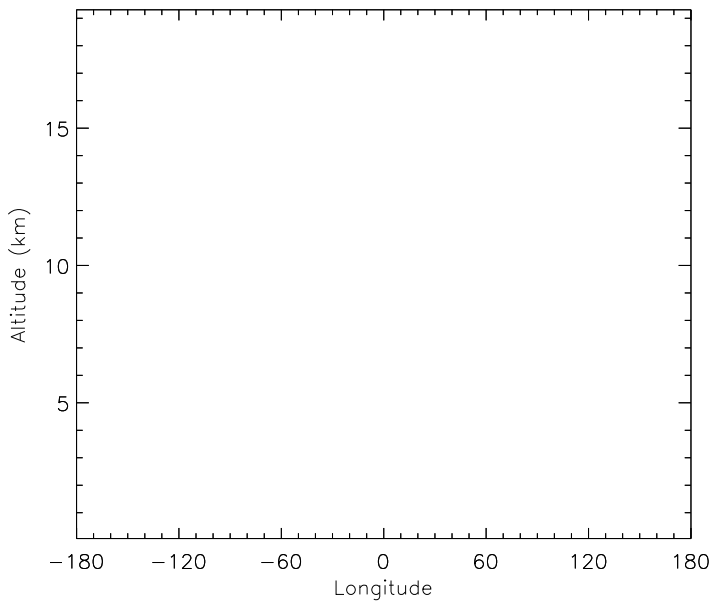
Br - Diff along 42N for Apr



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

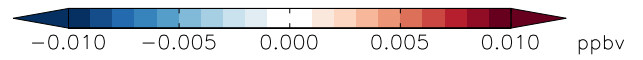
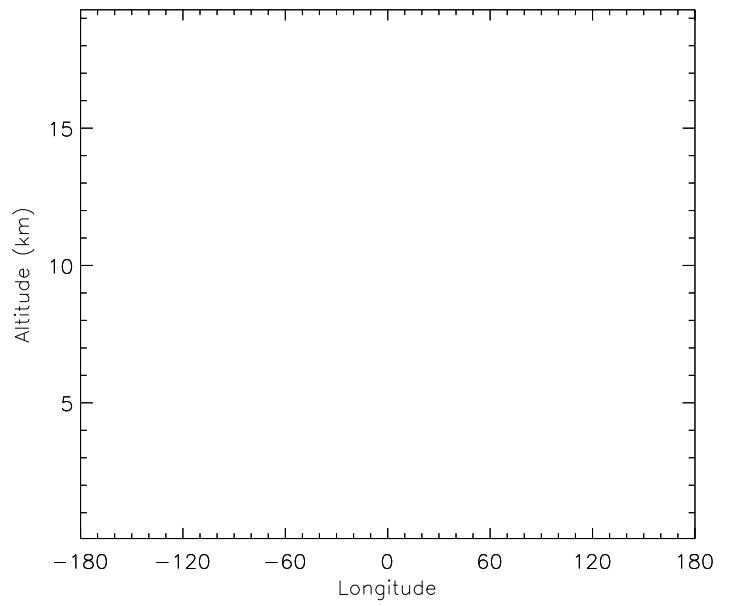
v11-01f-geosp-Run0 - v11-01d-Run1

BrO - Diff along 15S for Apr



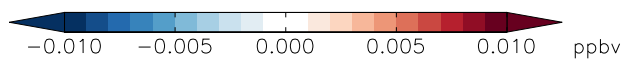
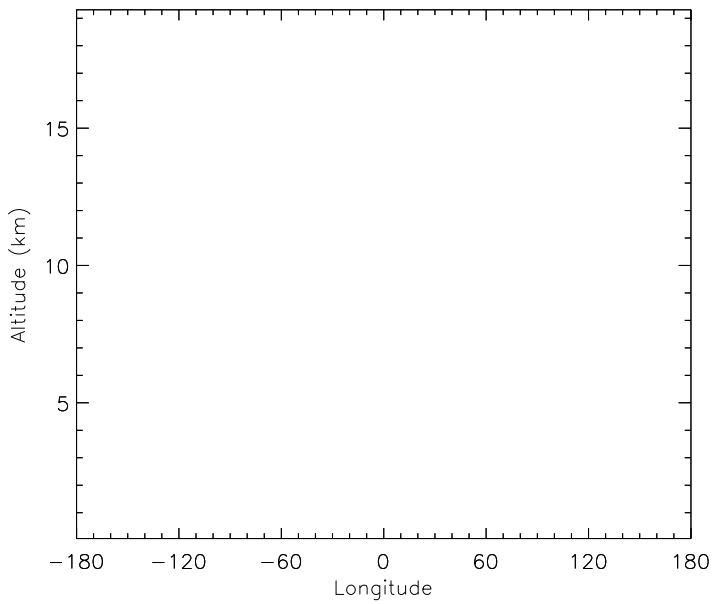
v11-01f-geosp-Run0 - v11-01d-Run1

BrO - Diff along 42N for Apr



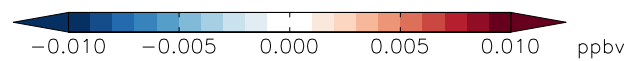
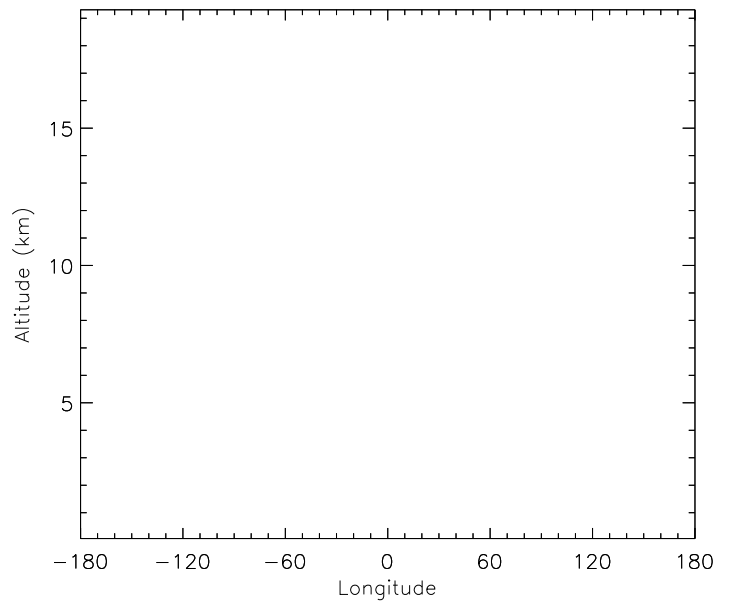
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BrO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

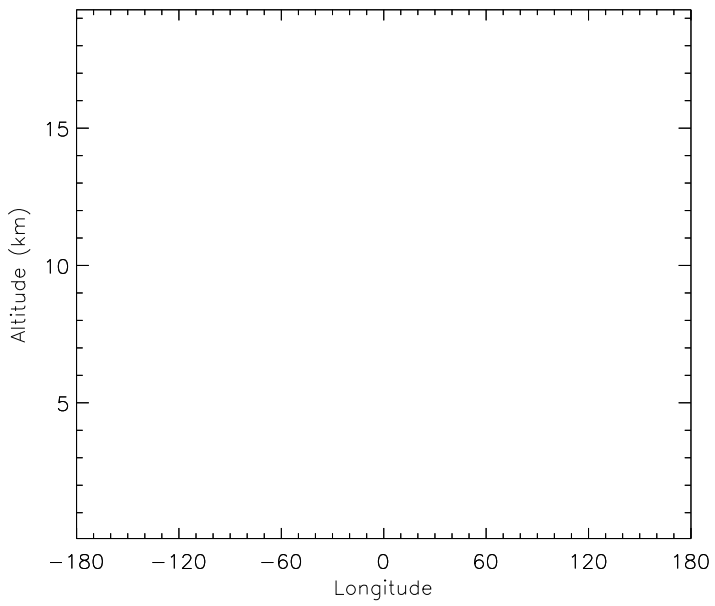
BrO - Diff along 42N for Apr



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

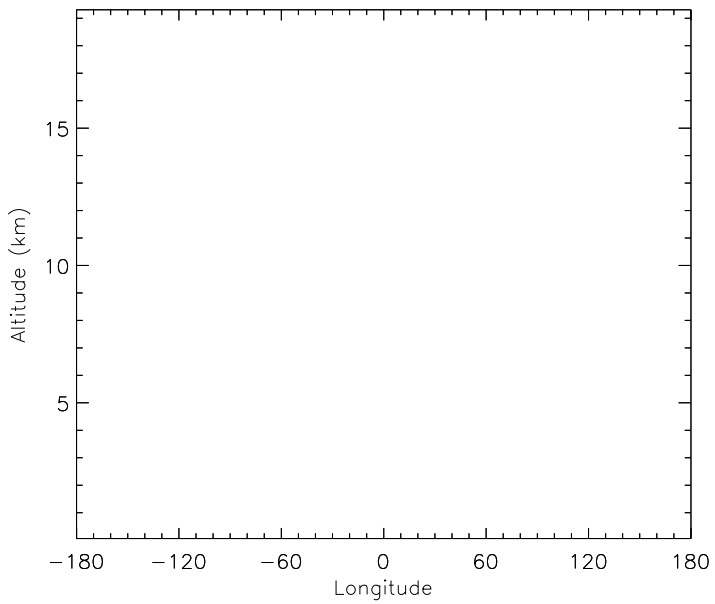
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H0Br - Diff along 15S for Apr



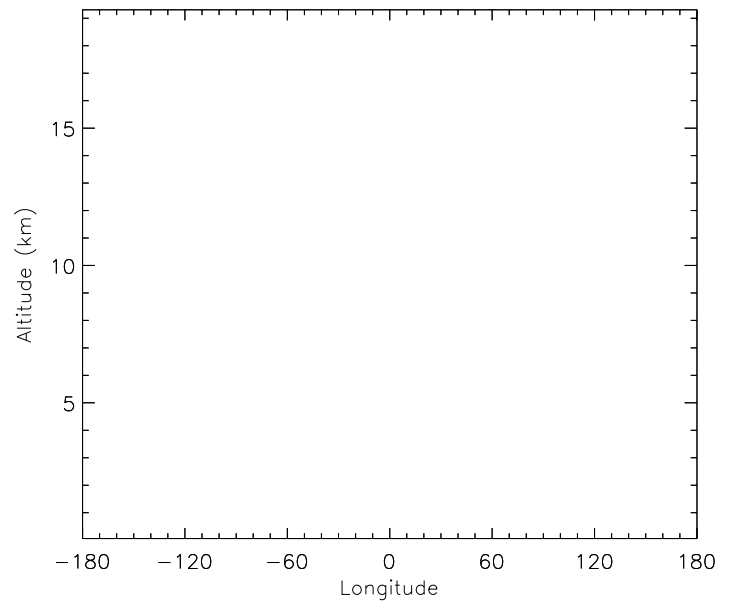
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H0Br - Diff along 15S for Apr



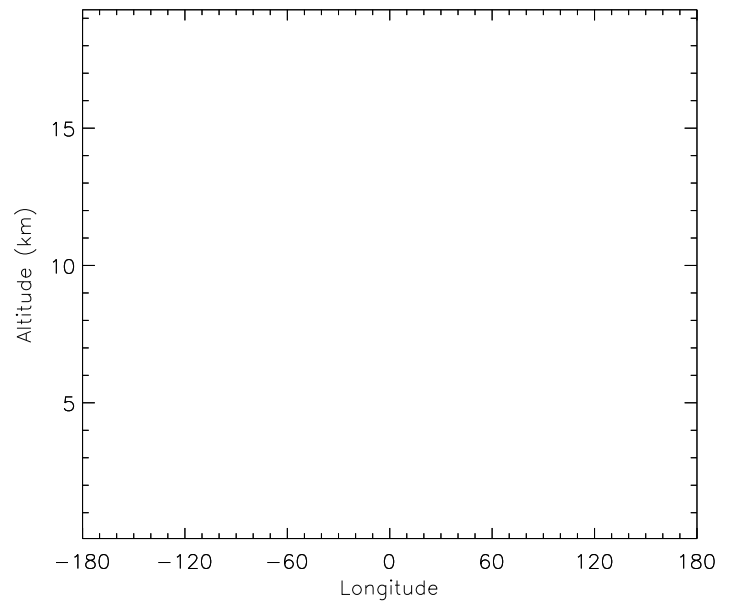
v11-01f-geosp-Run0 - v11-01d-Run1

H0Br - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

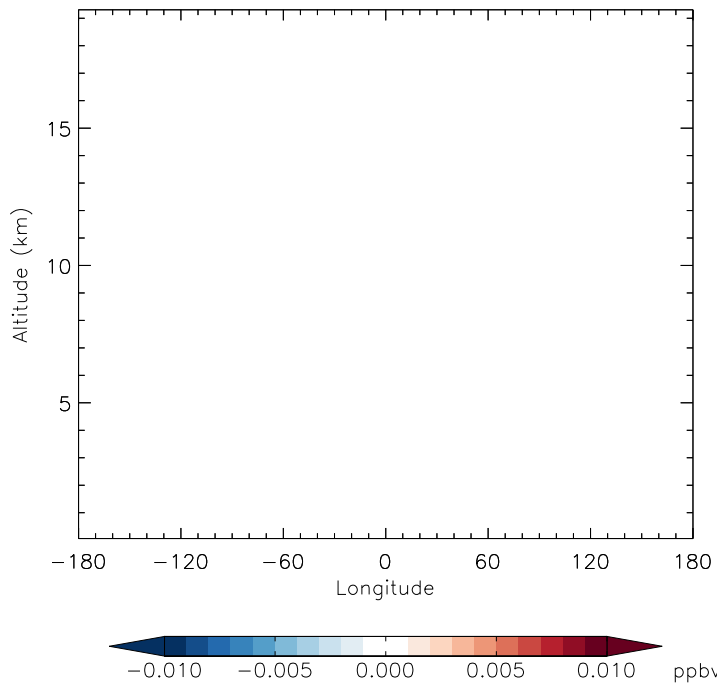
H0Br - Diff along 42N for Apr



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

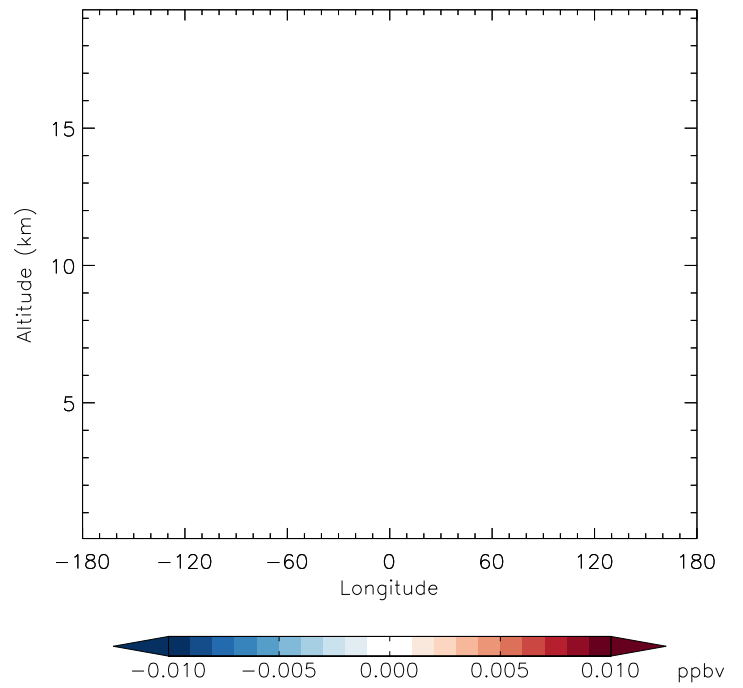
v11-01f-geosp-Run0 - v11-01d-Run1

HBr - Diff along 15S for Apr



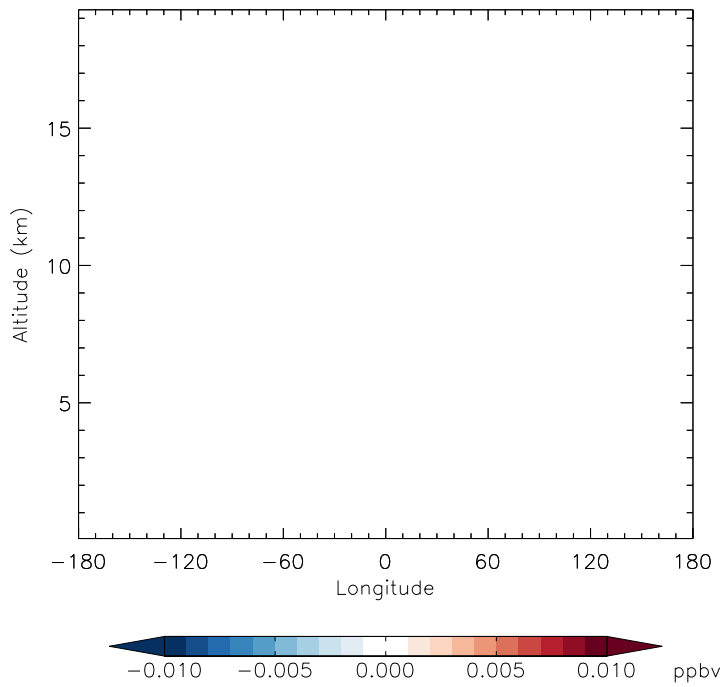
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HBr - Diff along 42N for Apr



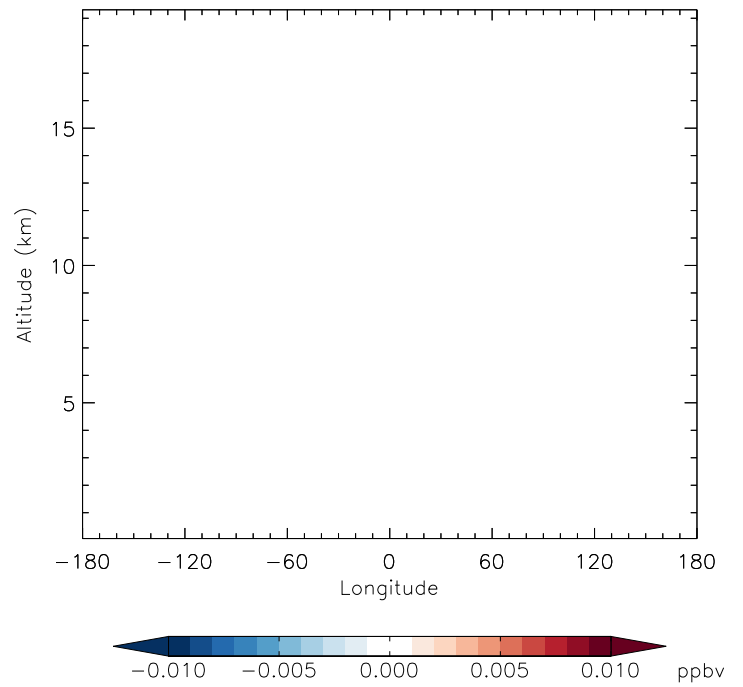
v11-01f-geosp-Run0 - v11-01b-Run0

HBr - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

HBr - Diff along 42N for Apr

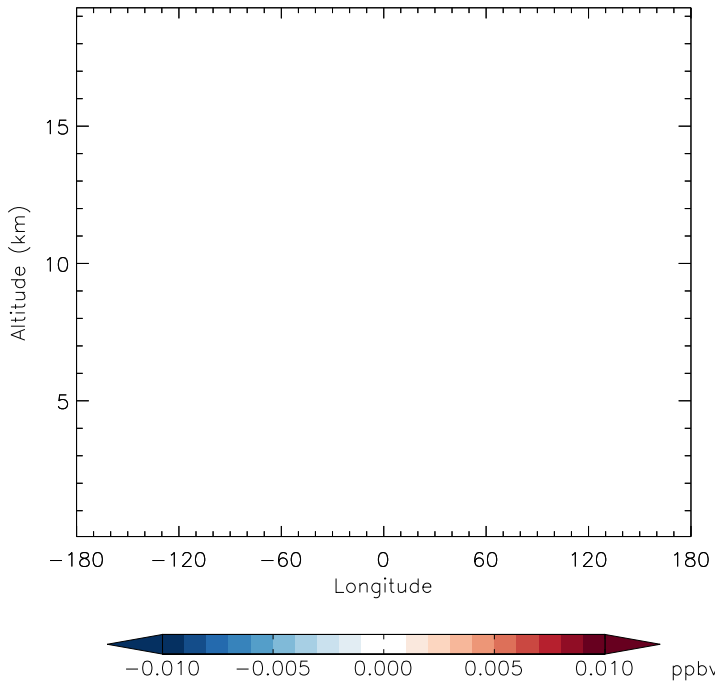




GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

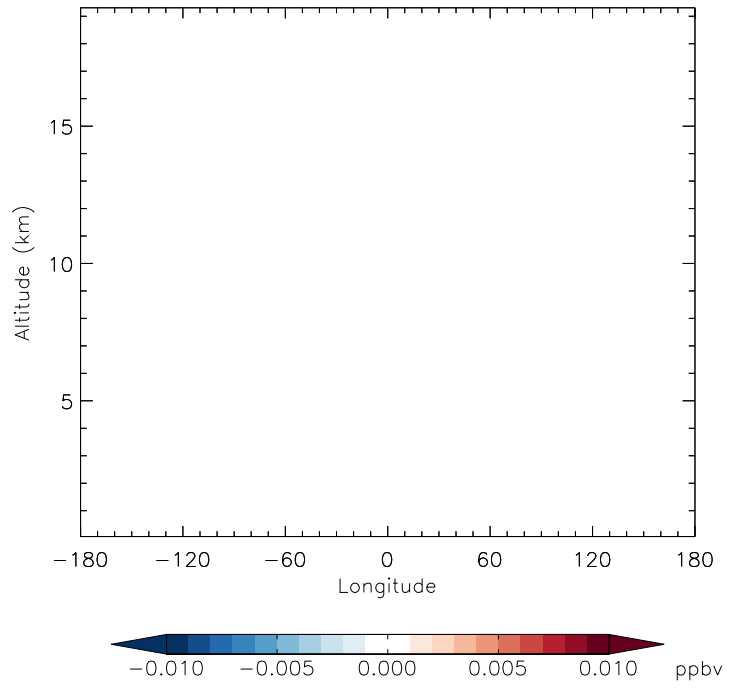
v11-01f-geosp-Run0 - v11-01d-Run1

BrNO2 - Diff along 15S for Apr



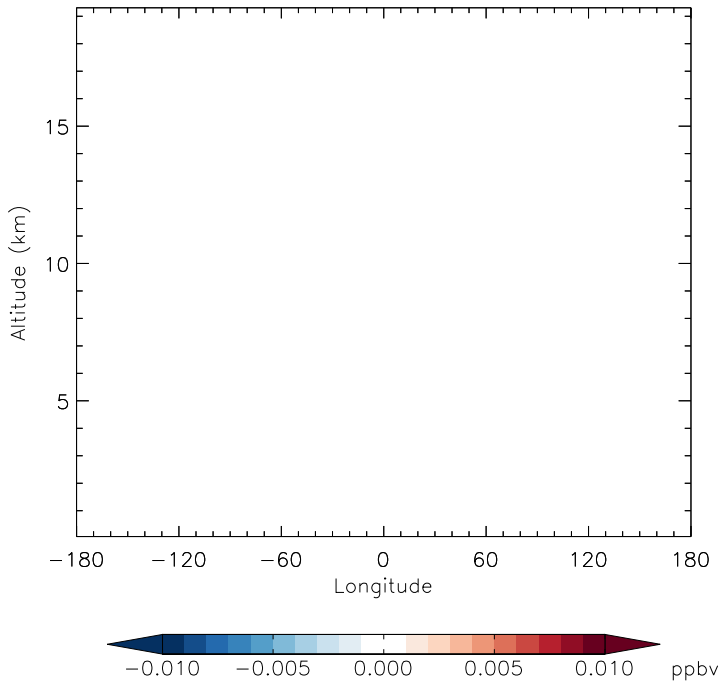
v11-01f-geosp-Run0 - v11-01d-Run1

BrNO2 - Diff along 42N for Apr



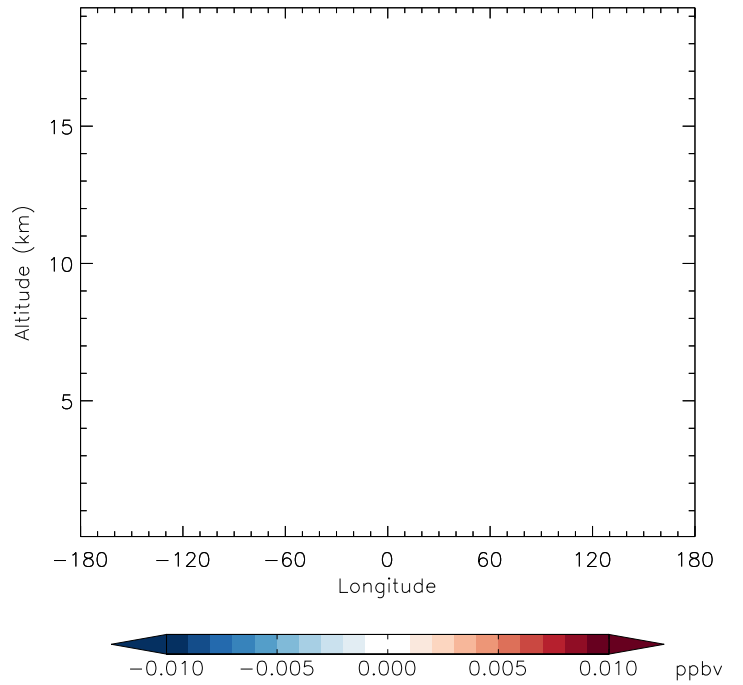
v11-01f-geosp-Run0 - v11-01b-Run0

BrNO2 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

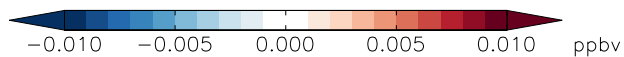
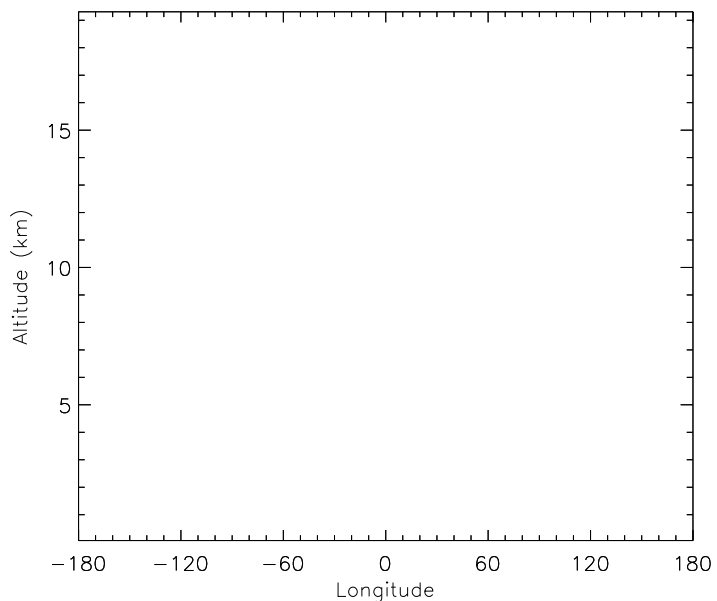
BrNO2 - Diff along 42N for Apr



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

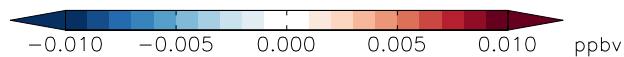
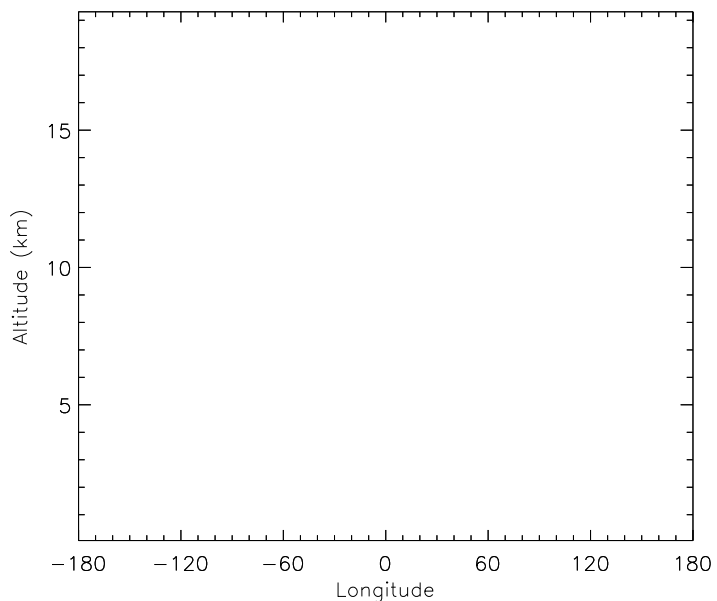
v11-01f-geosp-Run0 - v11-01d-Run1

BrNO3 - Diff along 15S for Apr



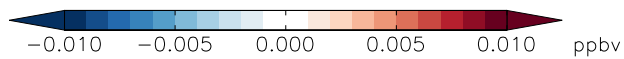
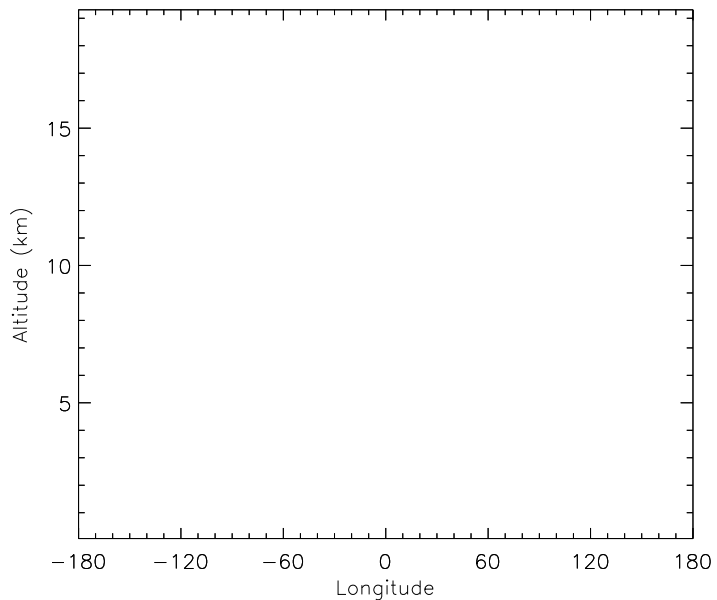
v11-01f-geosp-Run0 - v11-01d-Run1

BrNO3 - Diff along 42N for Apr



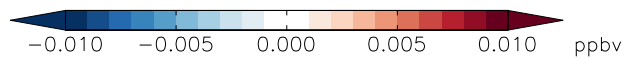
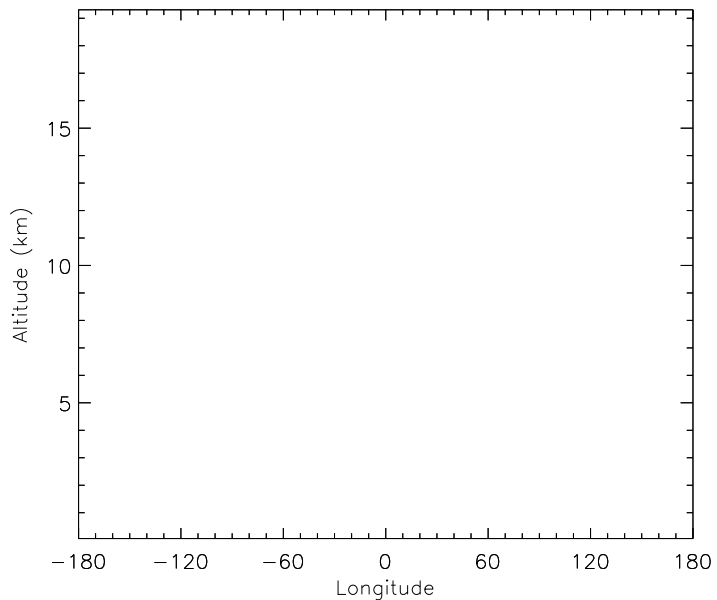
v11-01f-geosp-Run0 - v11-01b-Run0

BrNO3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

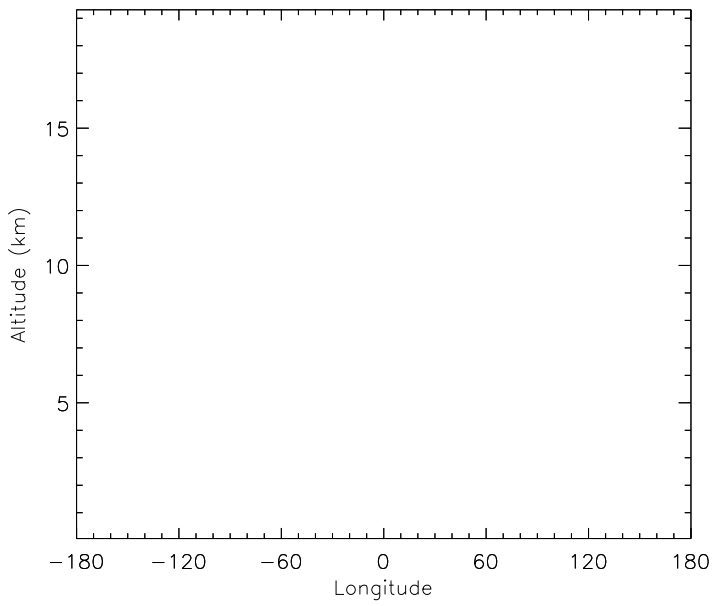
BrNO3 - Diff along 42N for Apr



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

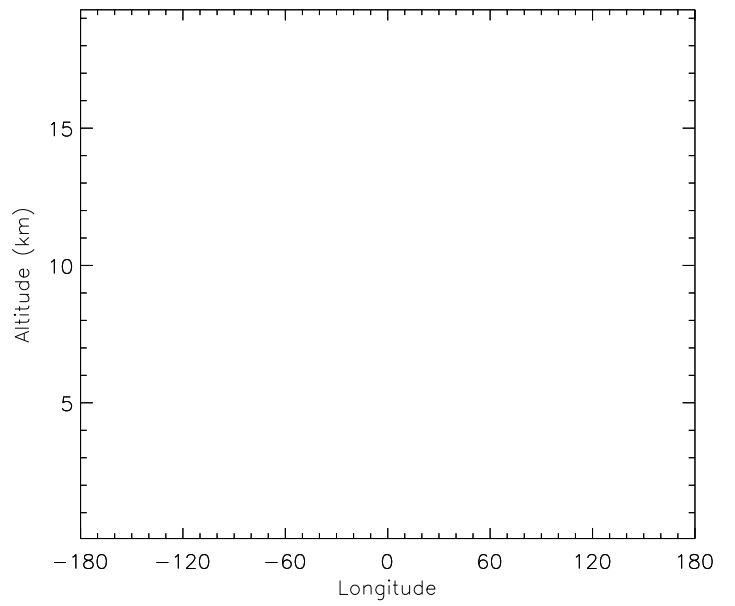
v11-01f-geosp-Run0 - v11-01d-Run1

CHBr3 - Diff along 15S for Apr



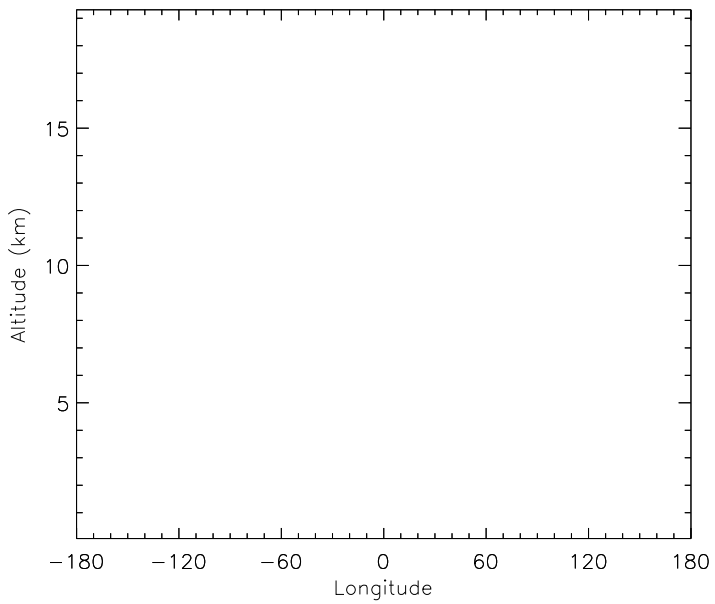
v11-01f-geosp-Run0 - v11-01d-Run1

CHBr3 - Diff along 42N for Apr



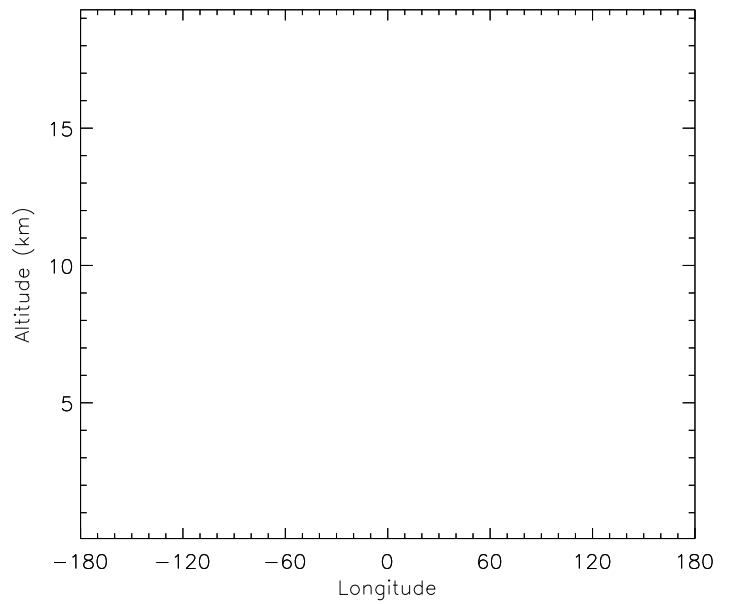
v11-01f-geosp-Run0 - v11-01b-Run0

CHBr3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

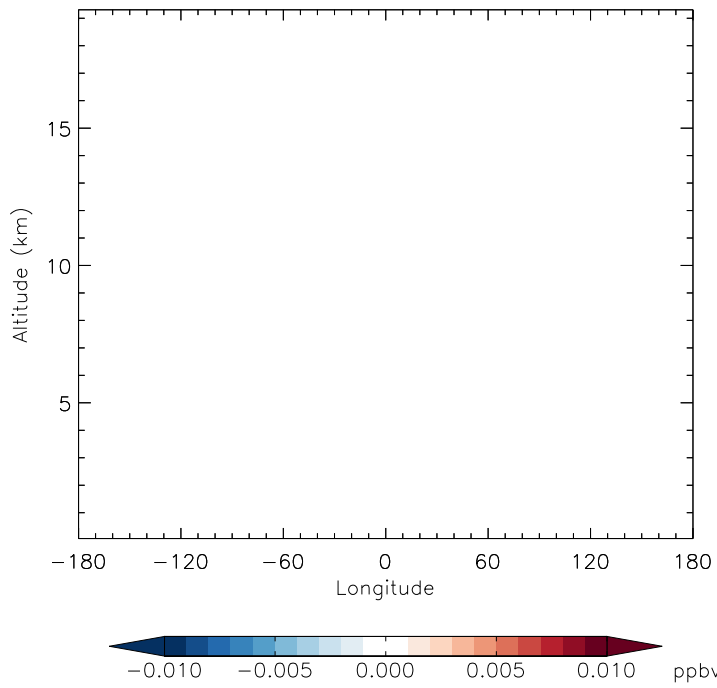
CHBr3 - Diff along 42N for Apr



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

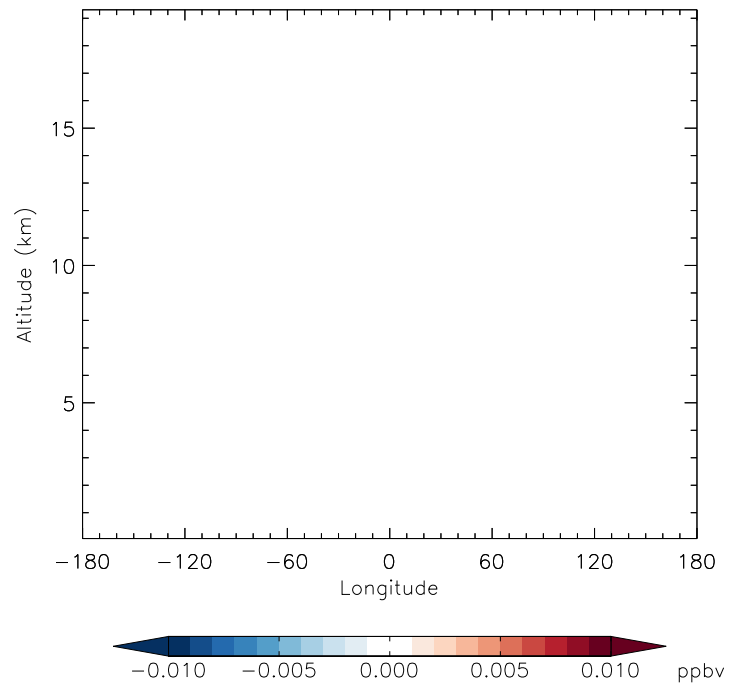
v11-01f-geosp-Run0 - v11-01d-Run1

CH<sub>2</sub>Br<sub>2</sub> - Diff along 15S for Apr



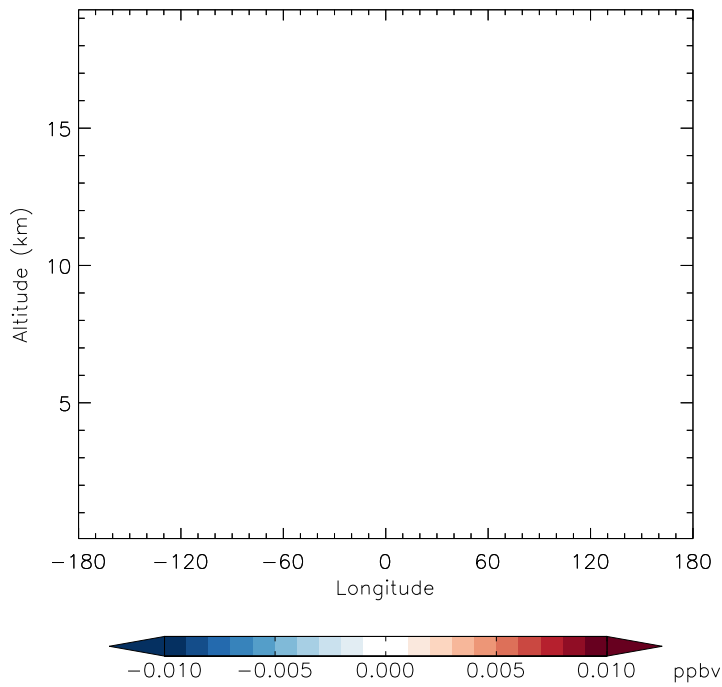
v11-01f-geosp-Run0 - v11-01d-Run1

CH<sub>2</sub>Br<sub>2</sub> - Diff along 42N for Apr



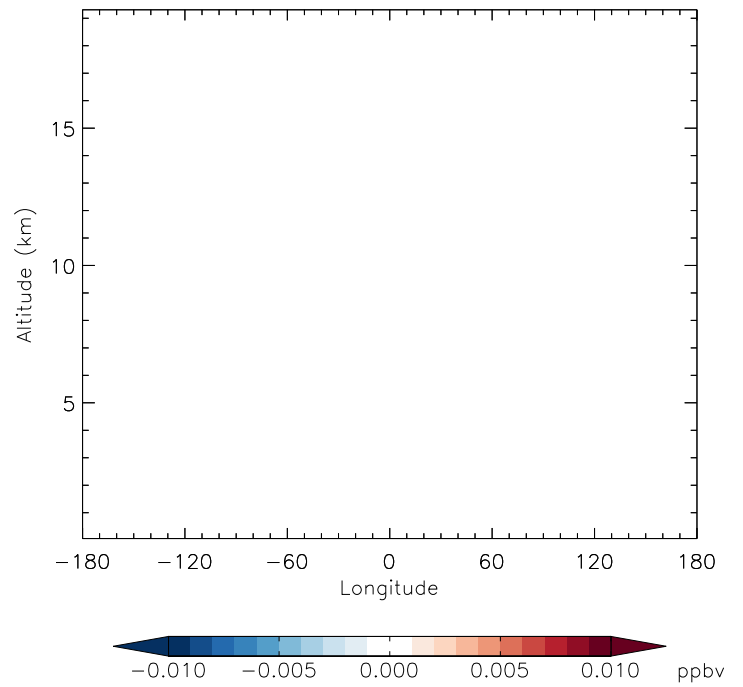
v11-01f-geosp-Run0 - v11-01b-Run0

CH<sub>2</sub>Br<sub>2</sub> - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

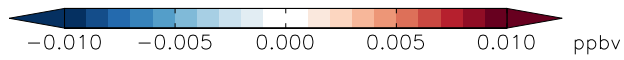
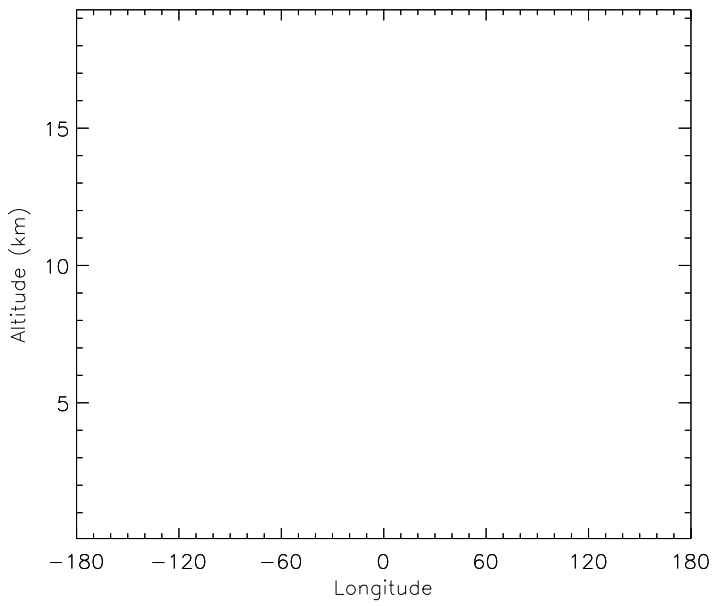
CH<sub>2</sub>Br<sub>2</sub> - Diff along 42N for Apr



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

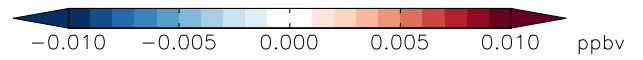
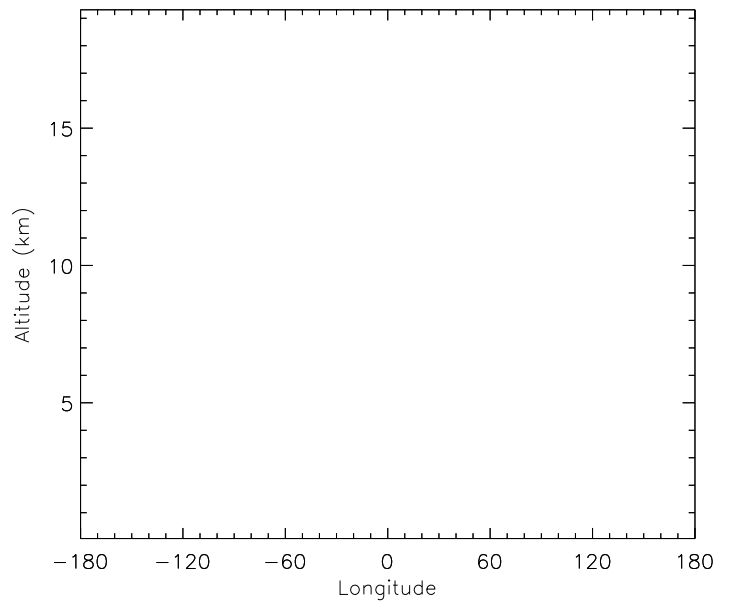
v11-01f-geosp-Run0 - v11-01d-Run1

CH3Br - Diff along 15S for Apr



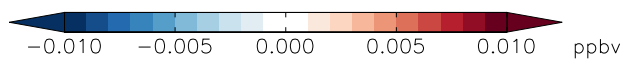
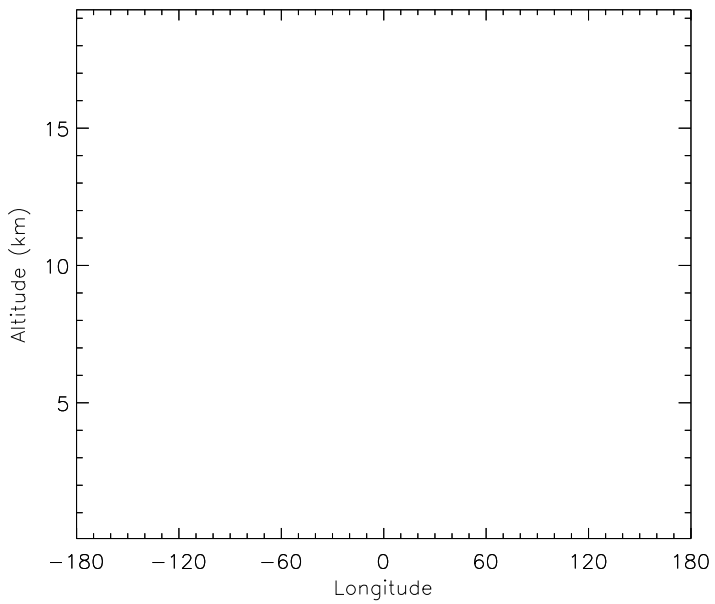
v11-01f-geosp-Run0 - v11-01d-Run1

CH3Br - Diff along 42N for Apr



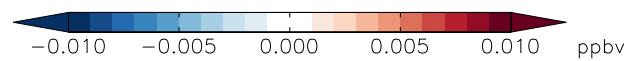
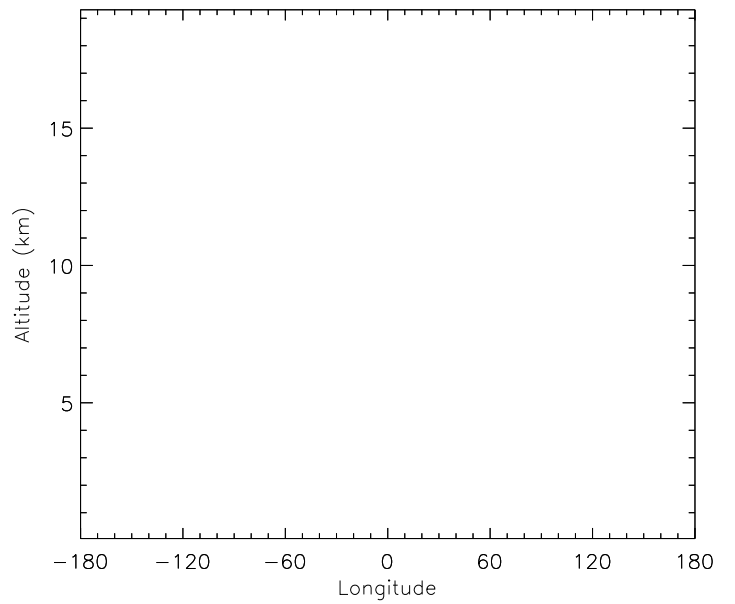
v11-01f-geosp-Run0 - v11-01b-Run0

CH3Br - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

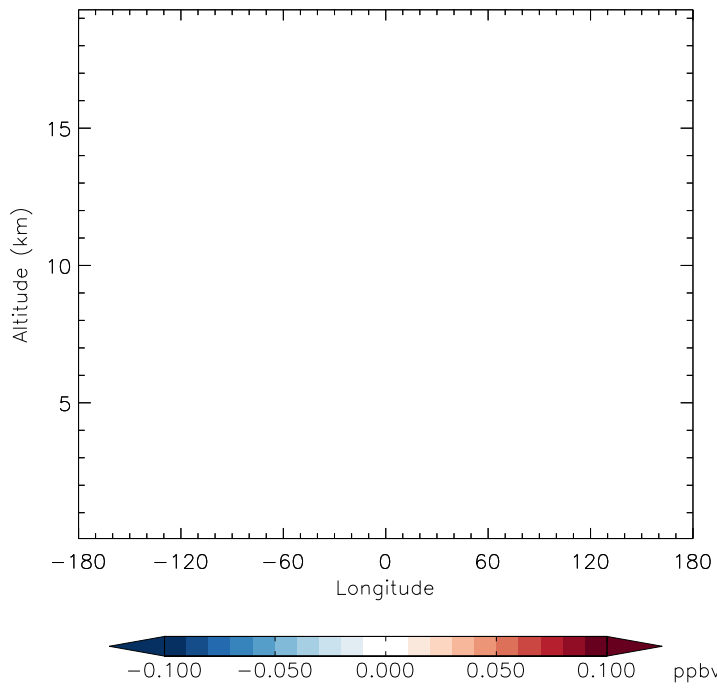
CH3Br - Diff along 42N for Apr



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

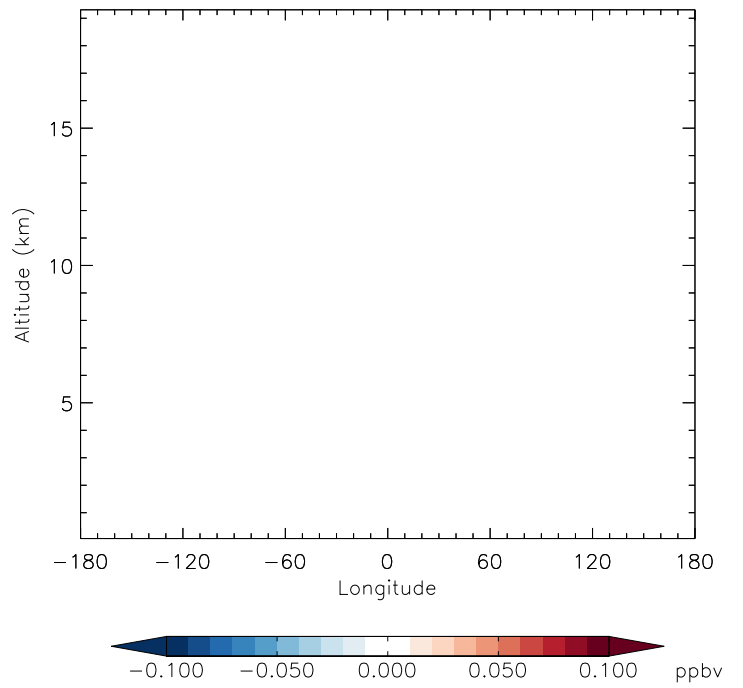
v11-01f-geosp-Run0 - v11-01d-Run1

MPN - Diff along 15S for Apr



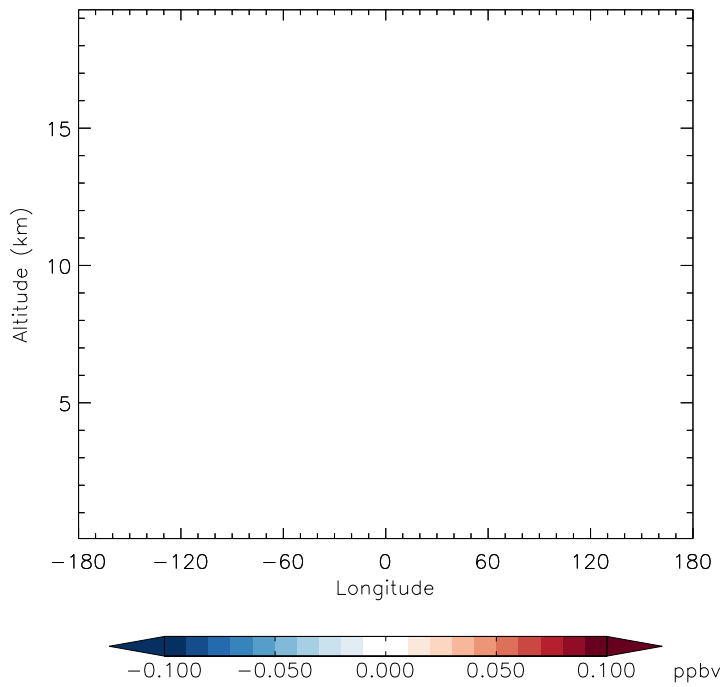
v11-01f-geosp-Run0 - v11-01d-Run1

MPN - Diff along 42N for Apr



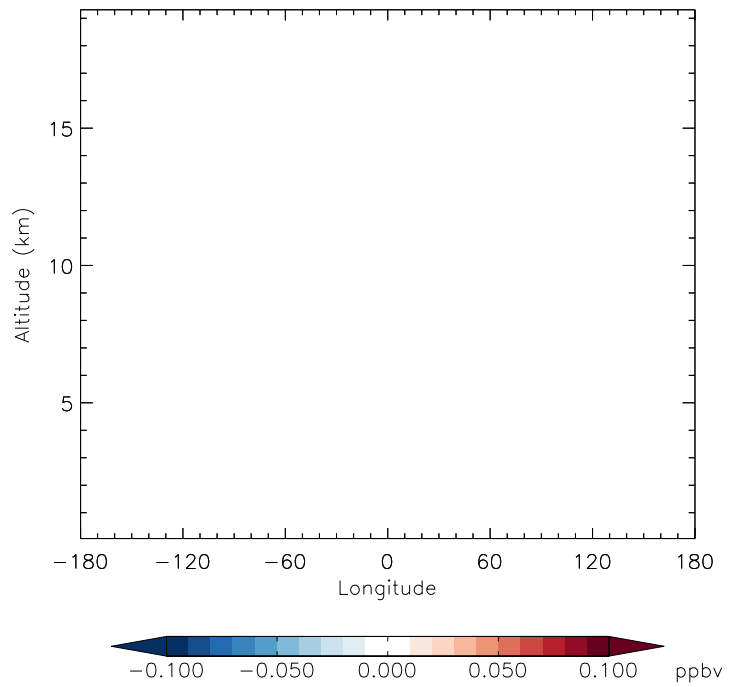
v11-01f-geosp-Run0 - v11-01b-Run0

MPN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

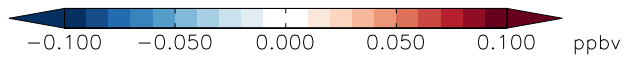
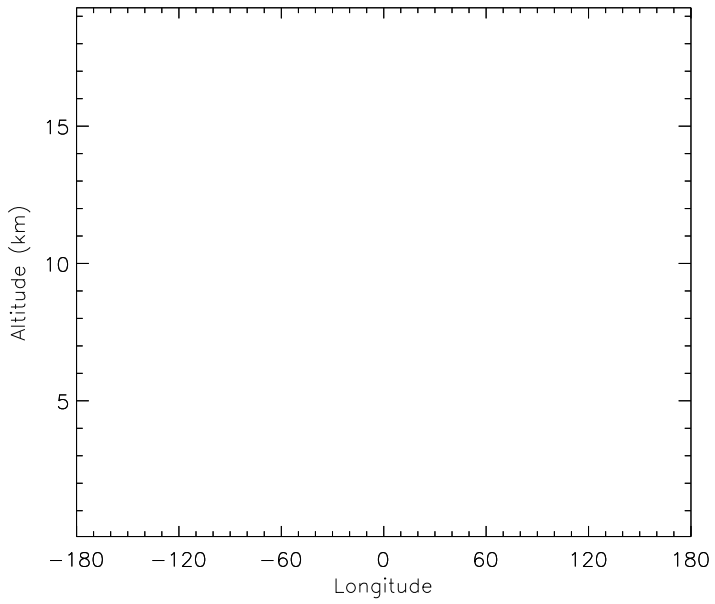
MPN - Diff along 42N for Apr



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

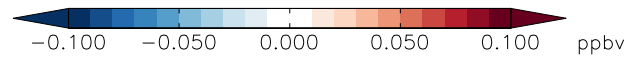
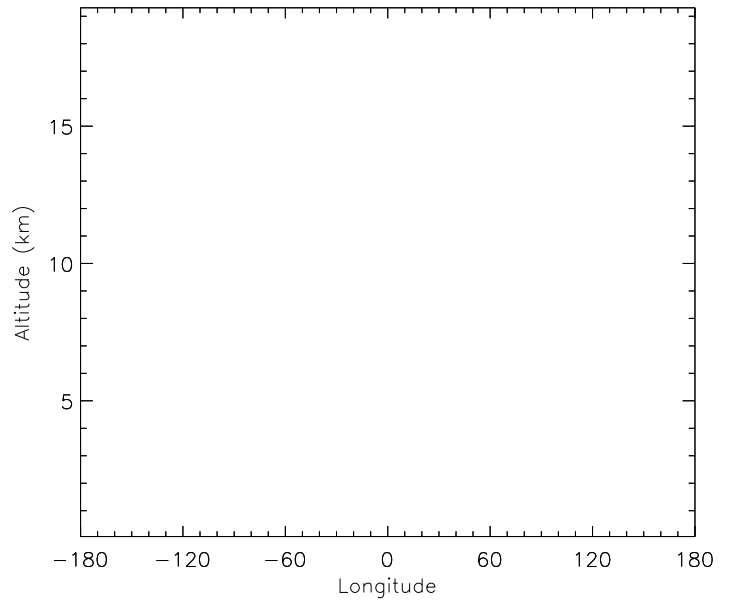
v11-01f-geosfp-Run0 - v11-01d-Run1

ISOPN - Diff along 15S for Apr



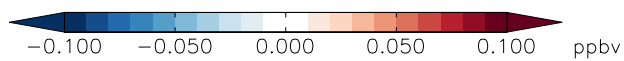
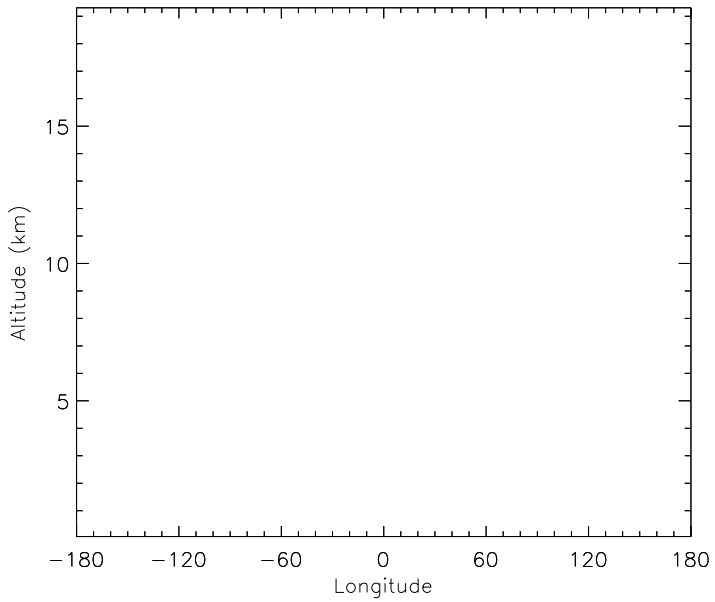
v11-01f-geosfp-Run0 - v11-01d-Run1

ISOPN - Diff along 42N for Apr



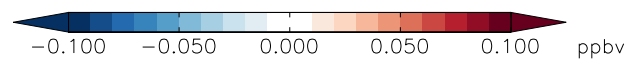
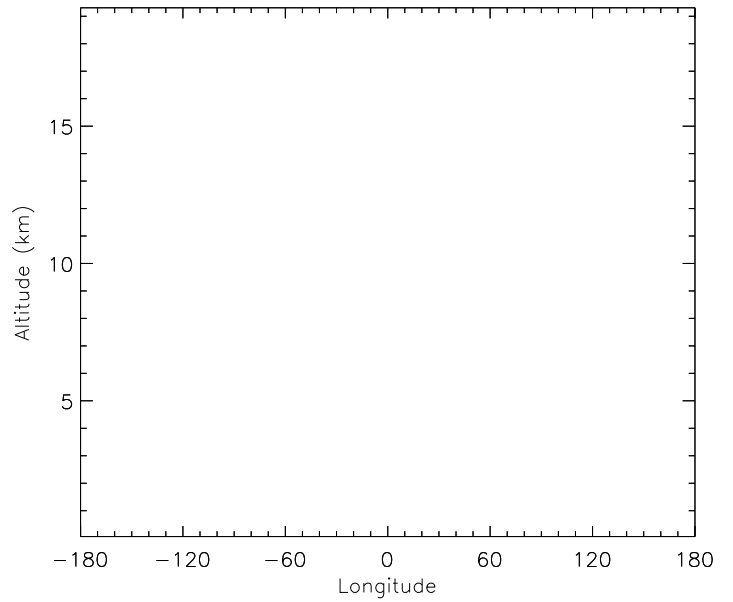
v11-01f-geosfp-Run0 - v11-01b-Run0

ISOPN - Diff along 15S for Apr



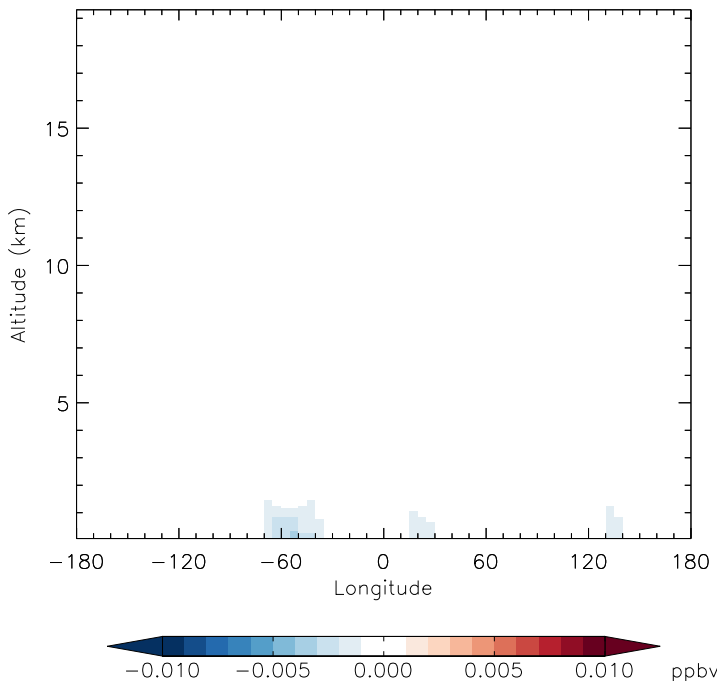
v11-01f-geosfp-Run0 - v11-01b-Run0

ISOPN - Diff along 42N for Apr

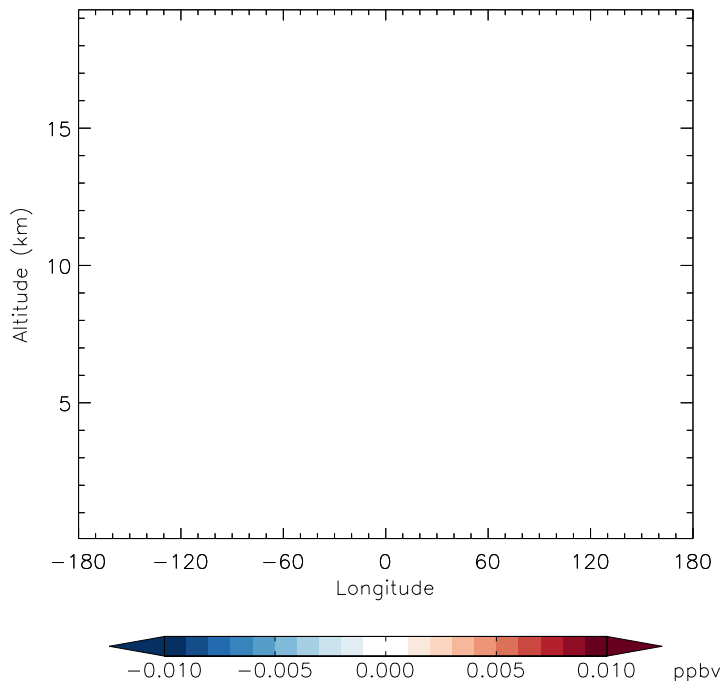


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

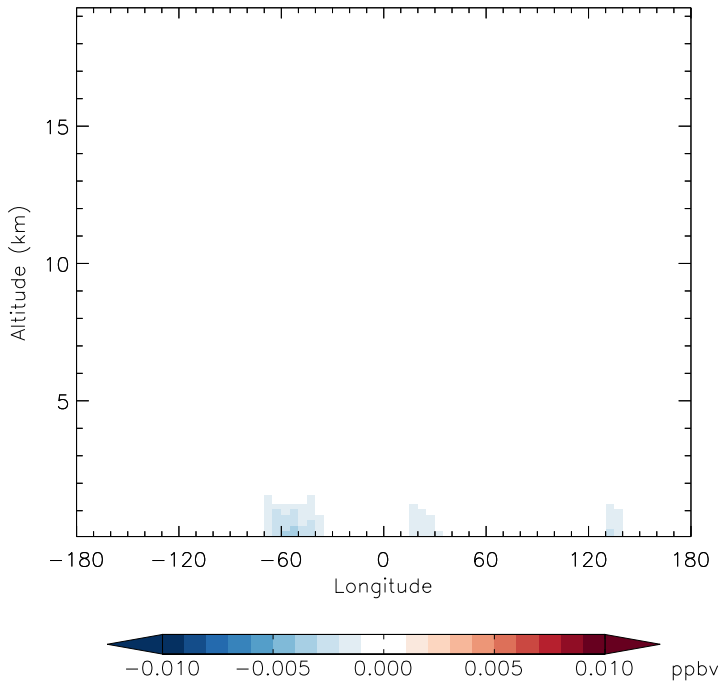
v11-01f-geosp-Run0 - v11-01d-Run1  
MOBA - Diff along 15S for Apr



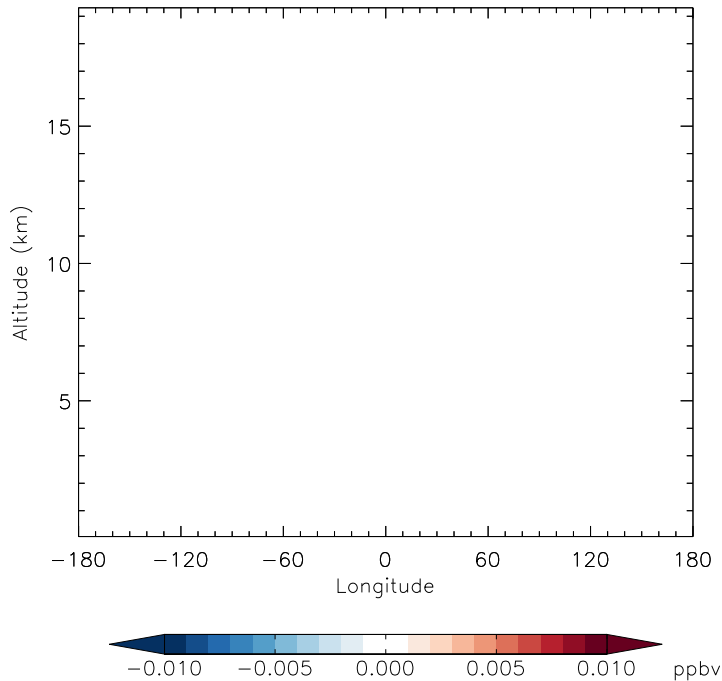
v11-01f-geosp-Run0 - v11-01d-Run1  
MOBA - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
MOBA - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
MOBA - Diff along 42N for Apr

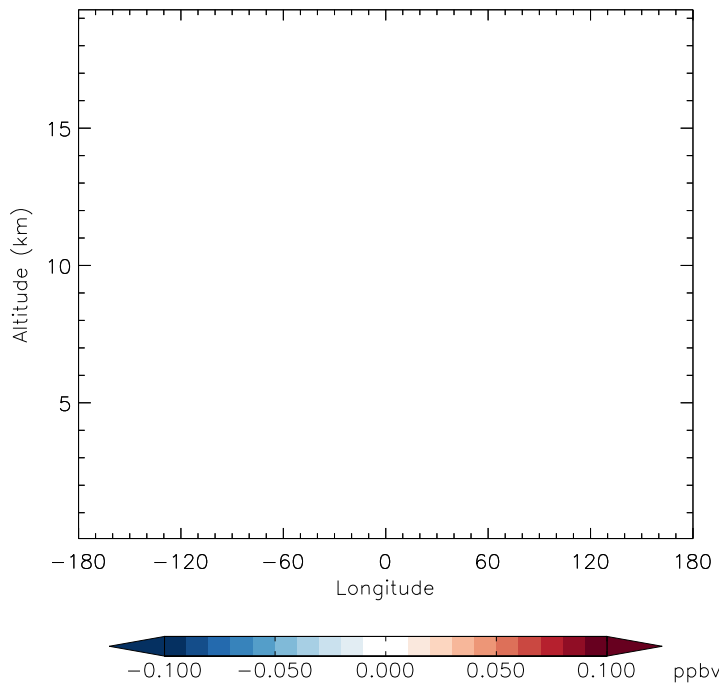




# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

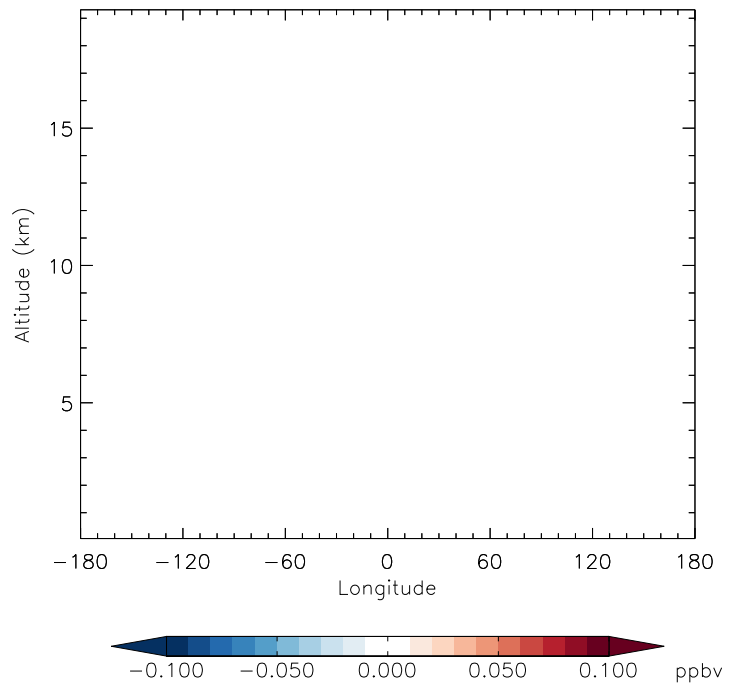
v11-01f-geosp-Run0 - v11-01d-Run1

PROPNN - Diff along 15S for Apr



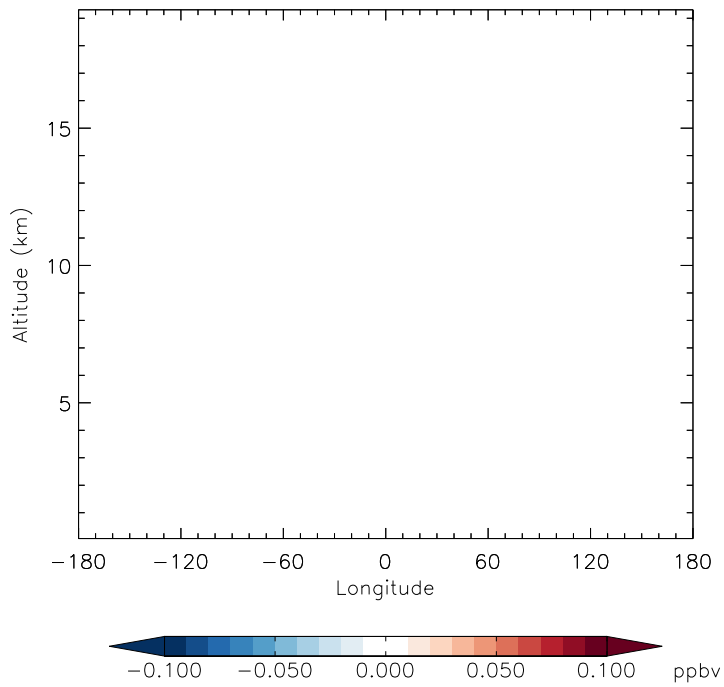
v11-01f-geosp-Run0 - v11-01d-Run1

PROPNN - Diff along 42N for Apr



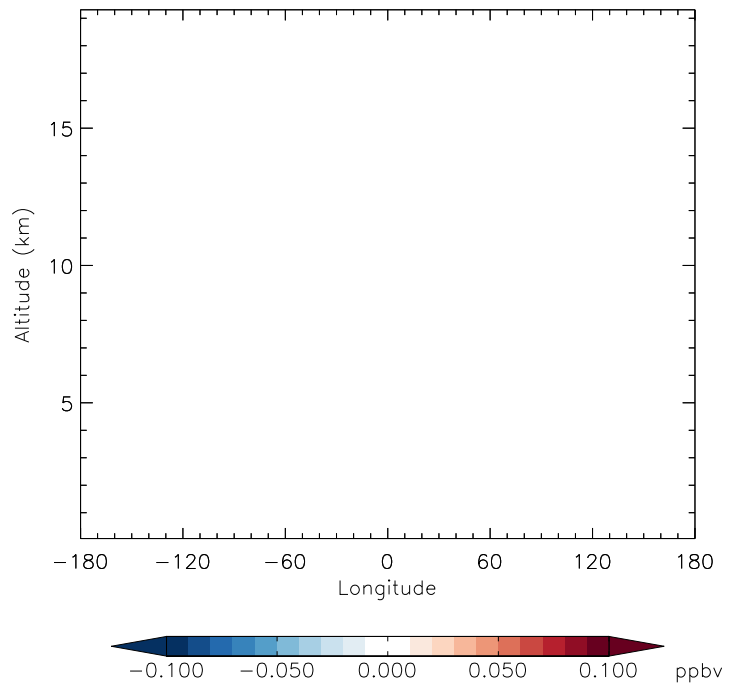
v11-01f-geosp-Run0 - v11-01b-Run0

PROPNN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

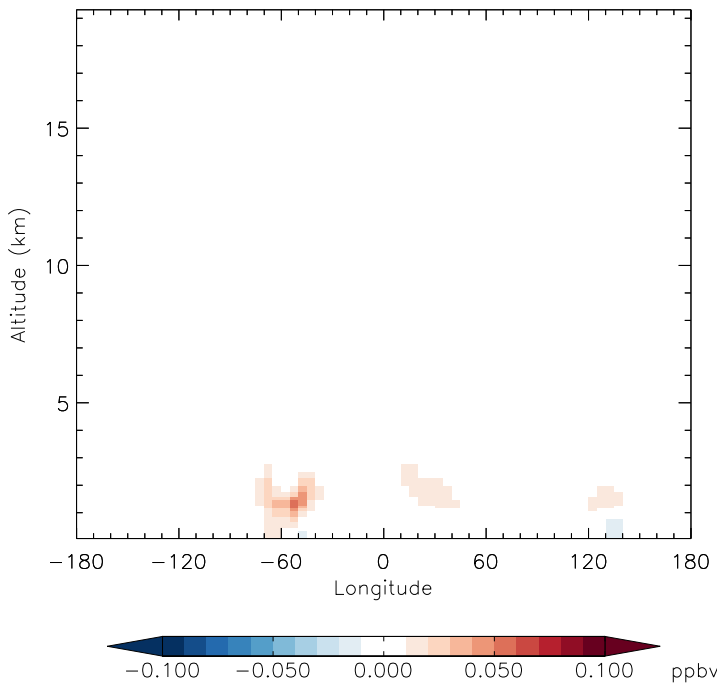
PROPNN - Diff along 42N for Apr



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

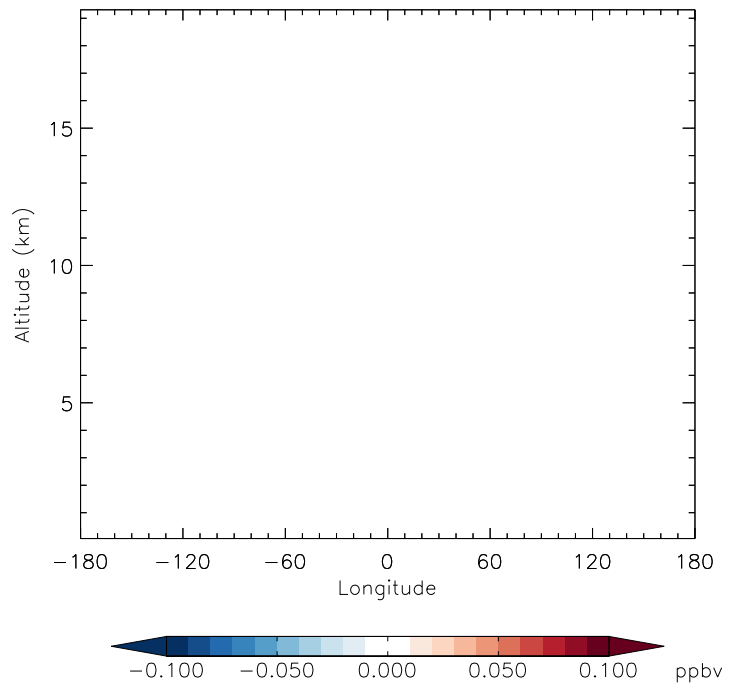
v11-01f-geosp-Run0 - v11-01d-Run1

HAC - Diff along 15S for Apr



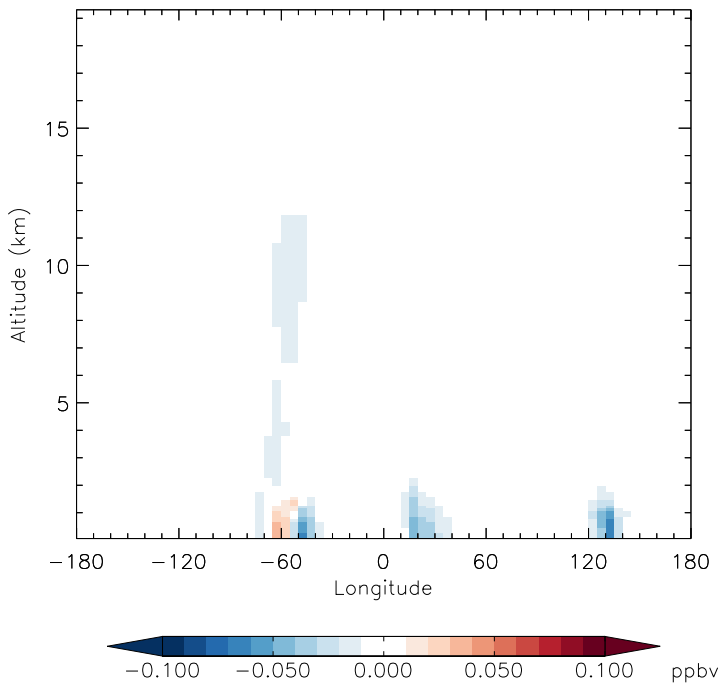
v11-01f-geosp-Run0 - v11-01d-Run1

HAC - Diff along 42N for Apr



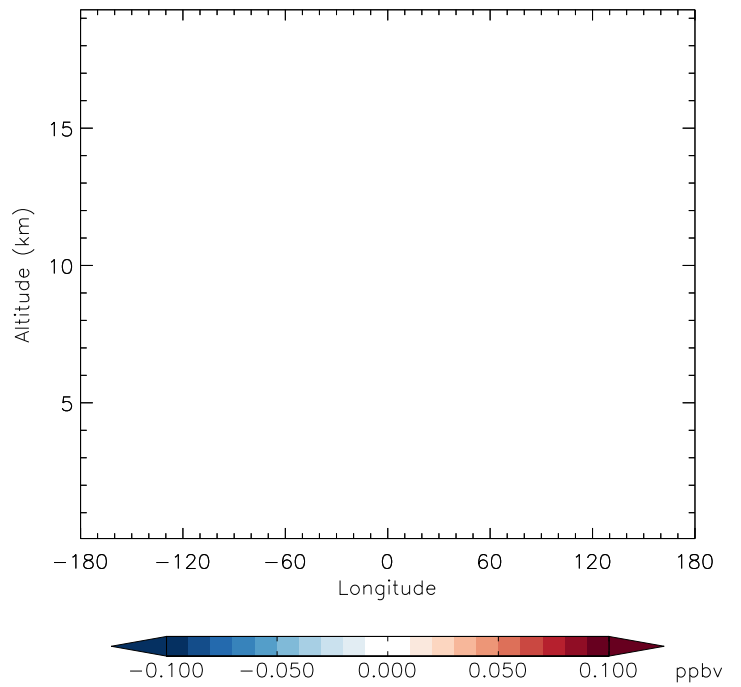
v11-01f-geosp-Run0 - v11-01b-Run0

HAC - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

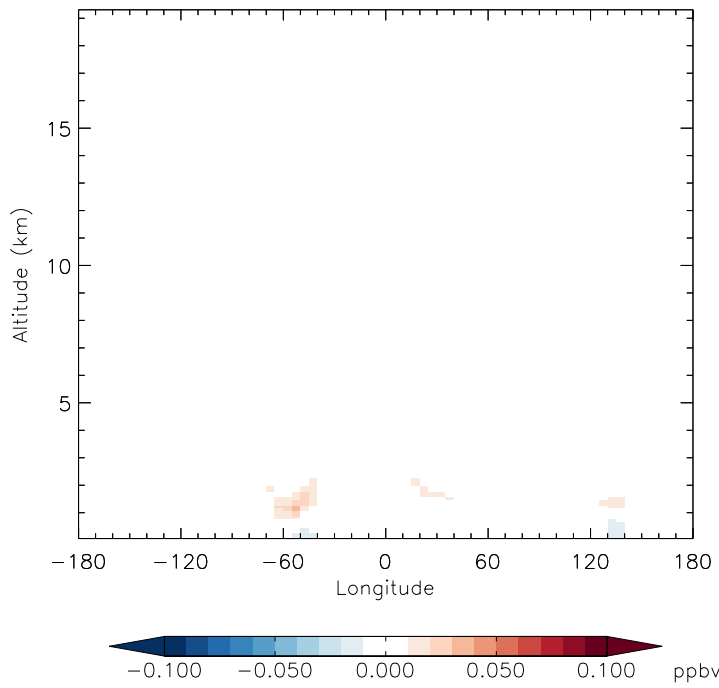
HAC - Diff along 42N for Apr



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

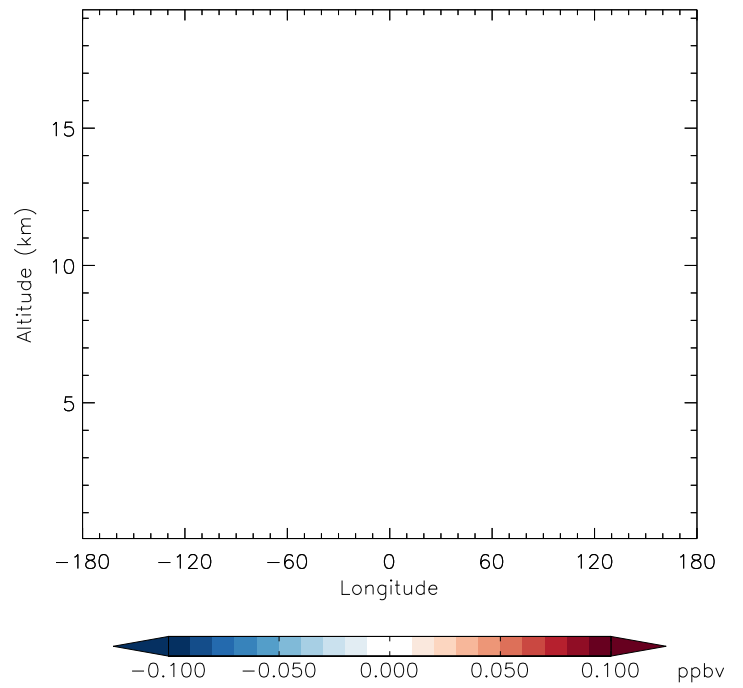
v11-01f-geosp-Run0 - v11-01d-Run1

GLYC - Diff along 15S for Apr



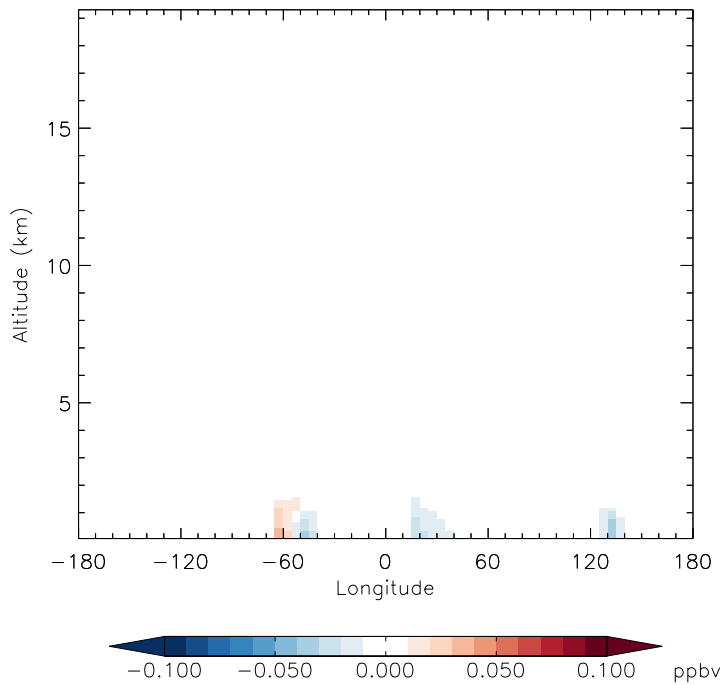
v11-01f-geosp-Run0 - v11-01d-Run1

GLYC - Diff along 42N for Apr



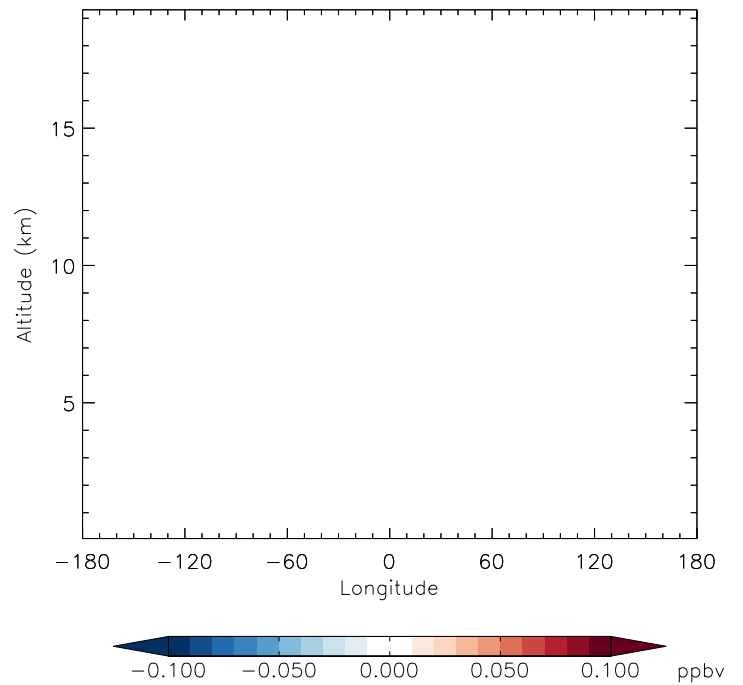
v11-01f-geosp-Run0 - v11-01b-Run0

GLYC - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

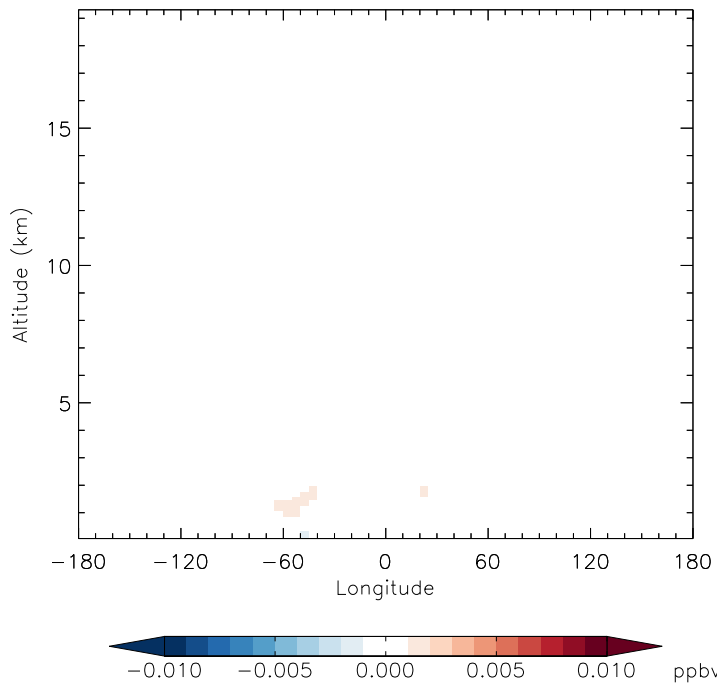
GLYC - Diff along 42N for Apr



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

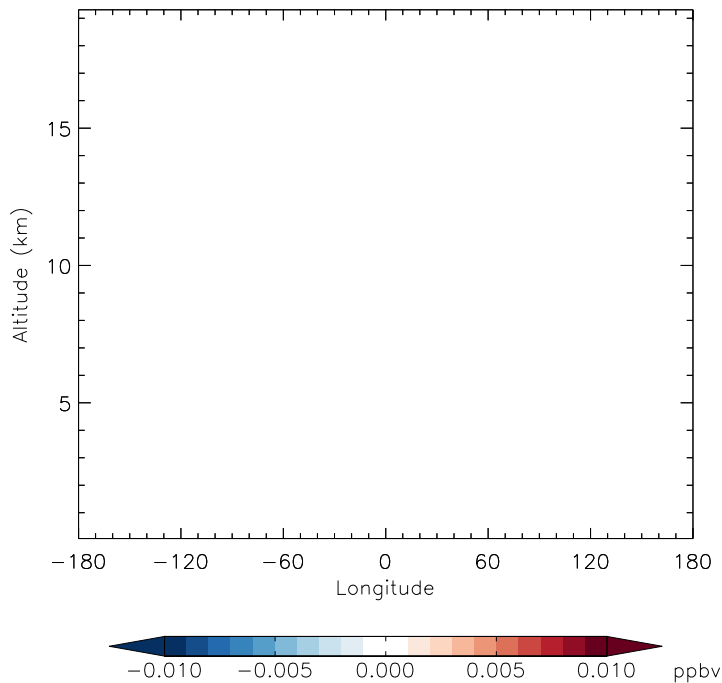
v11-01f-geosp-Run0 - v11-01d-Run1

MMN - Diff along 15S for Apr



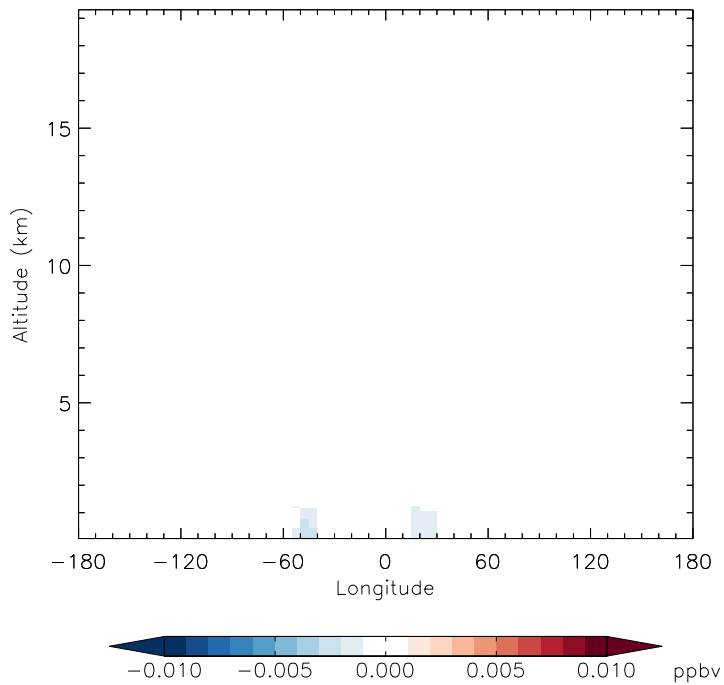
v11-01f-geosp-Run0 - v11-01d-Run1

MMN - Diff along 42N for Apr



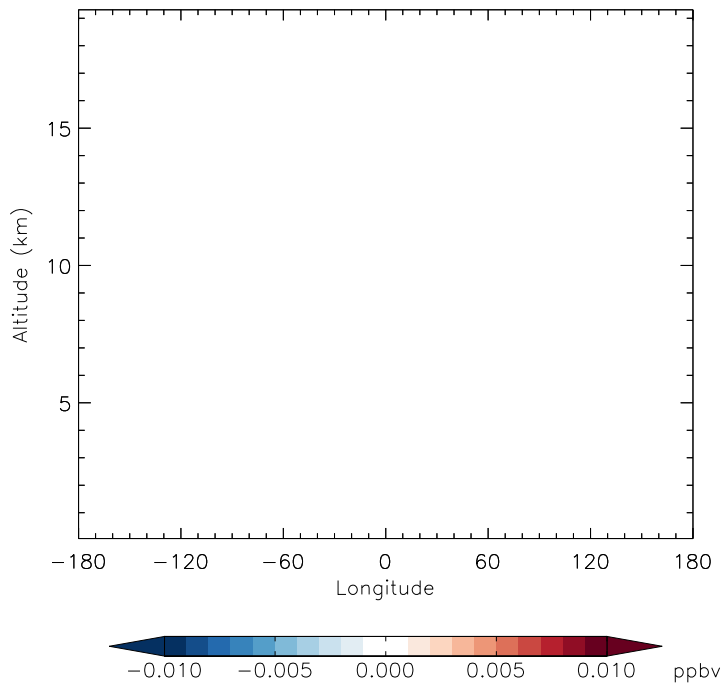
v11-01f-geosp-Run0 - v11-01b-Run0

MMN - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

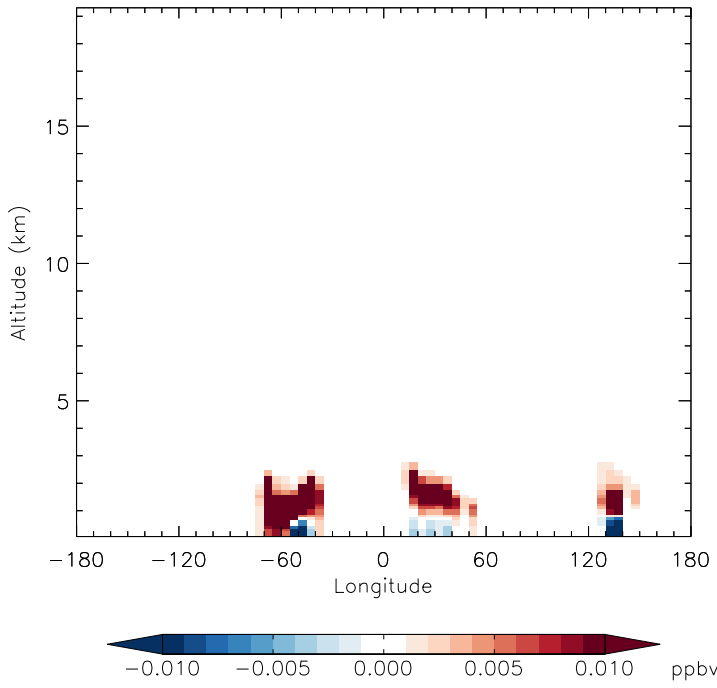
MMN - Diff along 42N for Apr



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

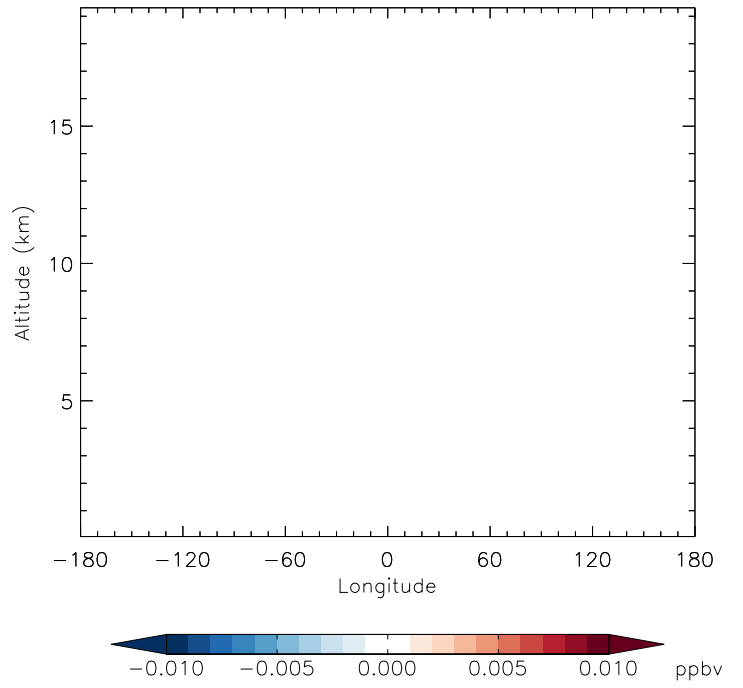
v11-01f-geosp-Run0 - v11-01d-Run1

RIP - Diff along 15S for Apr



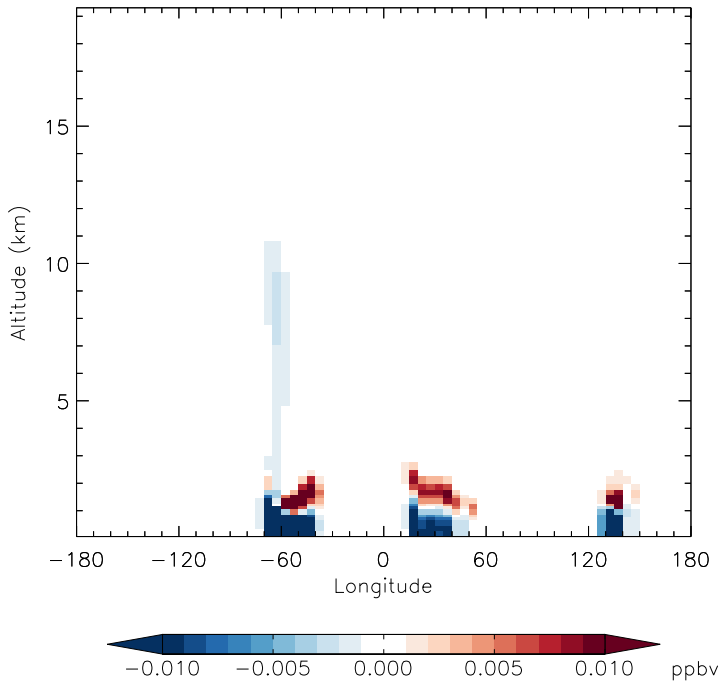
v11-01f-geosp-Run0 - v11-01d-Run1

RIP - Diff along 42N for Apr



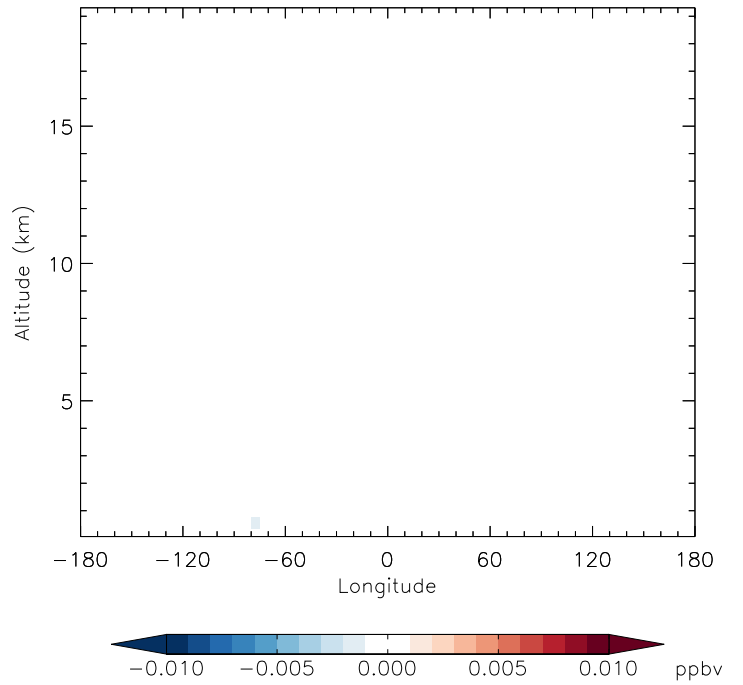
v11-01f-geosp-Run0 - v11-01b-Run0

RIP - Diff along 15S for Apr



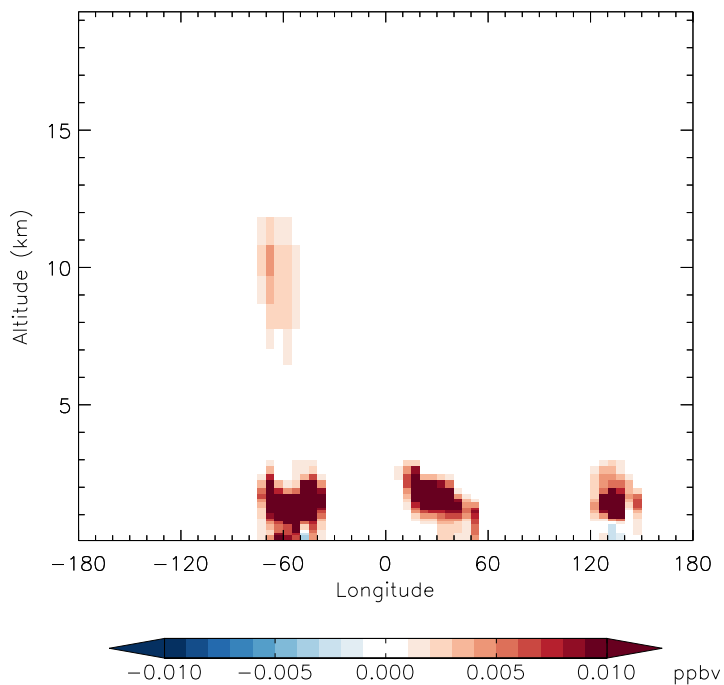
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RIP - Diff along 42N for Apr

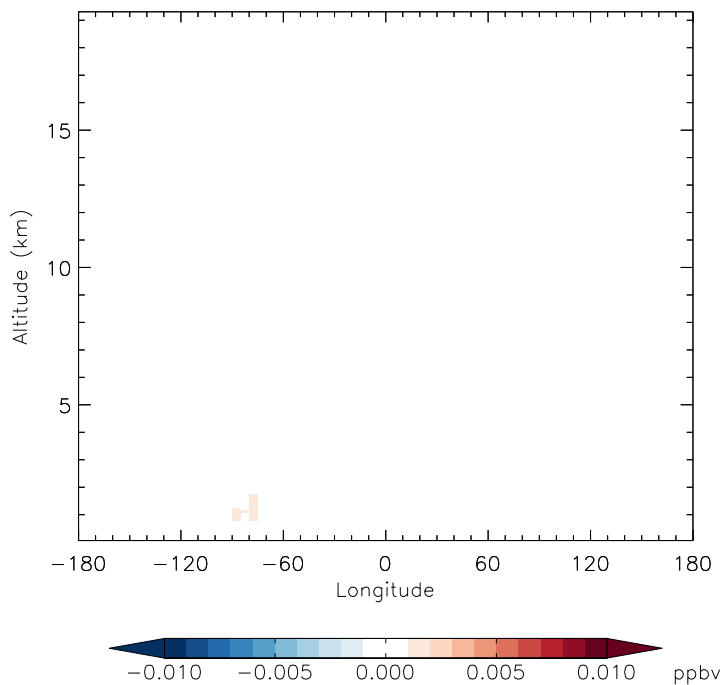


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

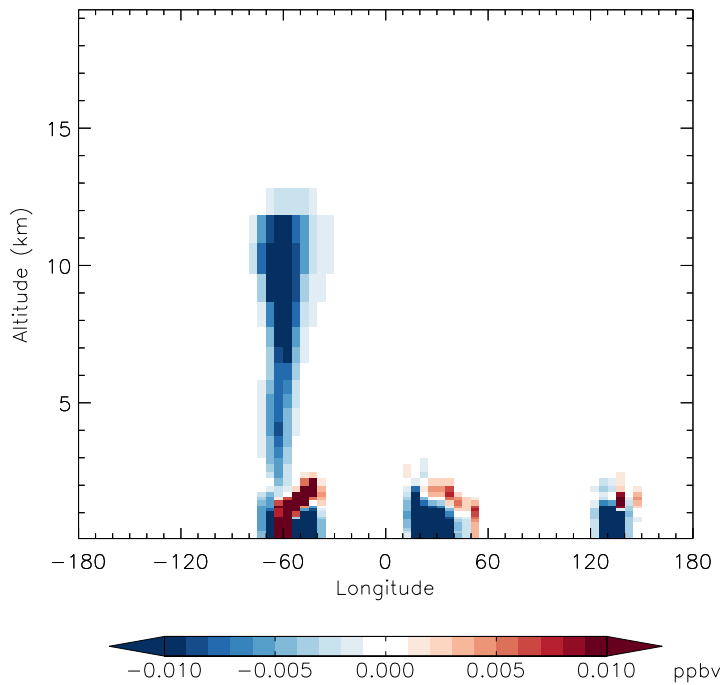
v11-01f-geosp-Run0 - v11-01d-Run1  
IEPOX - Diff along 15S for Apr



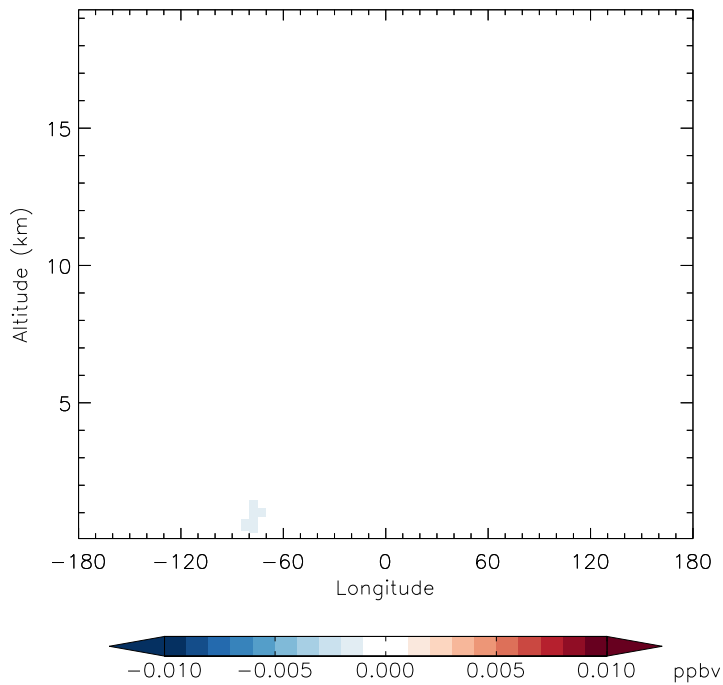
v11-01f-geosp-Run0 - v11-01d-Run1  
IEPOX - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
IEPOX - Diff along 15S for Apr



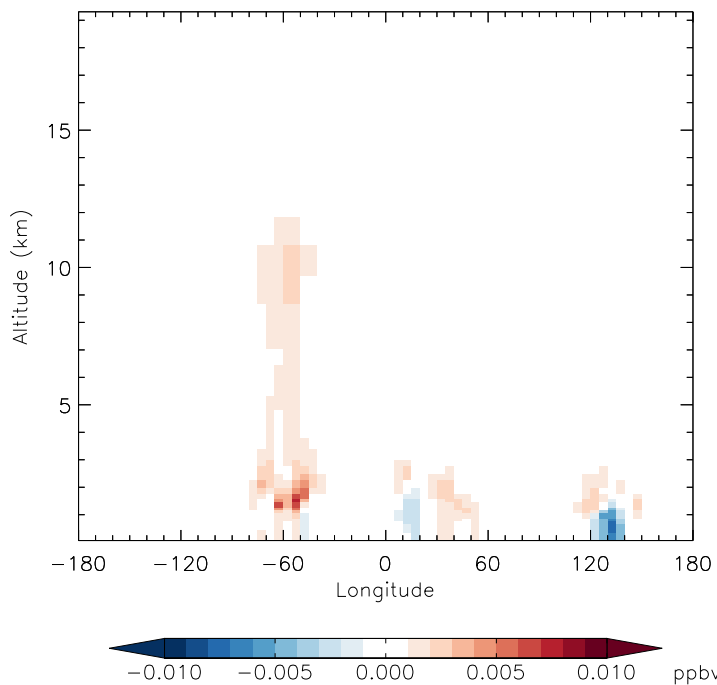
v11-01f-geosp-Run0 - v11-01b-Run0  
IEPOX - Diff along 42N for Apr



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

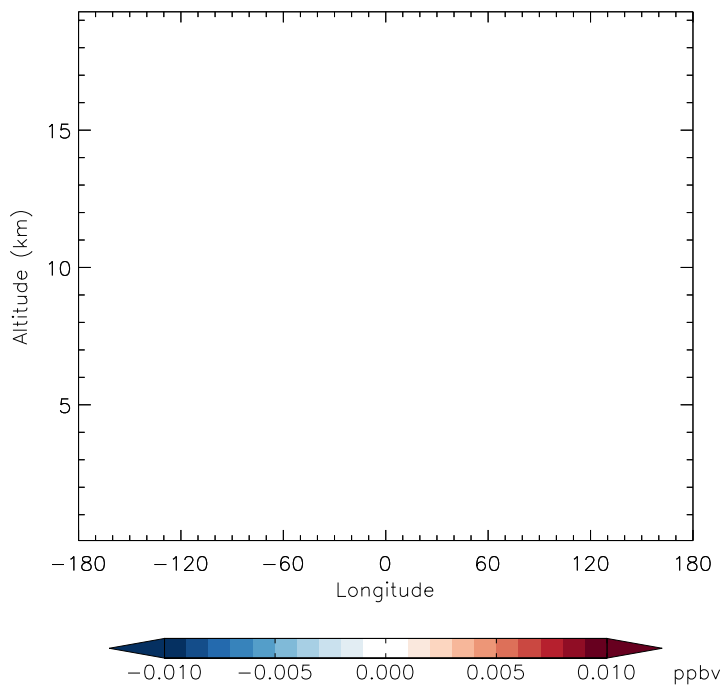
v11-01f-geosp-Run0 - v11-01d-Run1

MAP - Diff along 15S for Apr



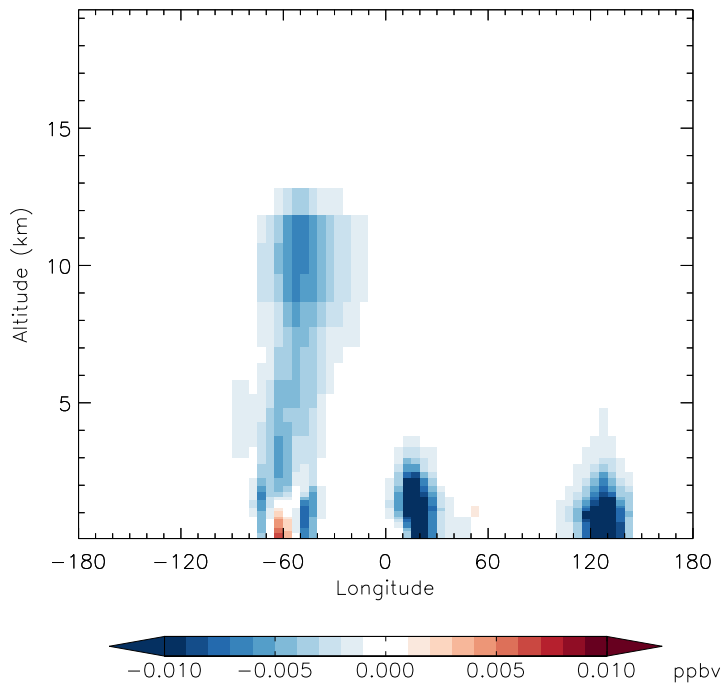
v11-01f-geosp-Run0 - v11-01d-Run1

MAP - Diff along 42N for Apr



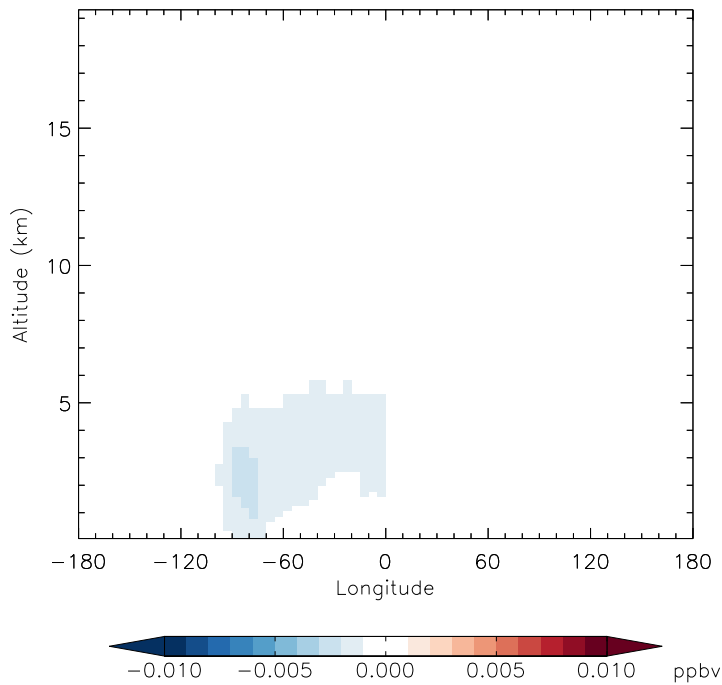
v11-01f-geosp-Run0 - v11-01b-Run0

MAP - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

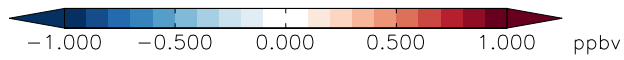
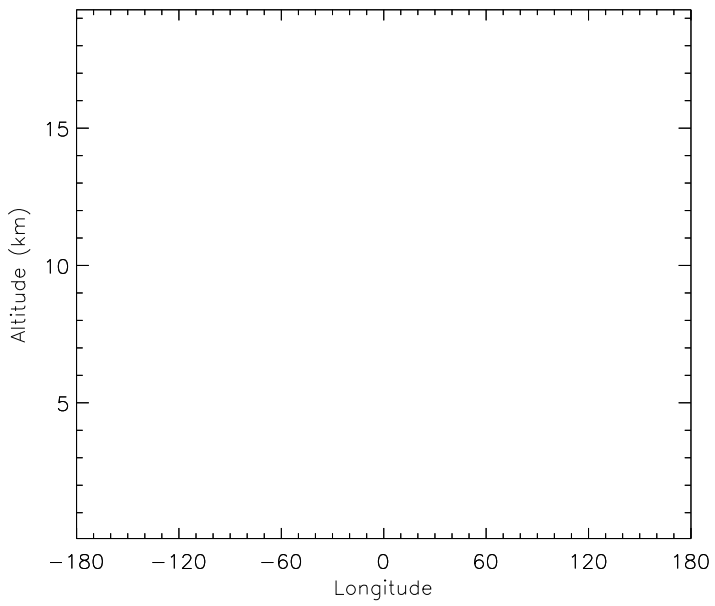
MAP - Diff along 42N for Apr



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

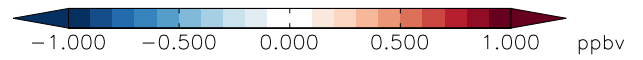
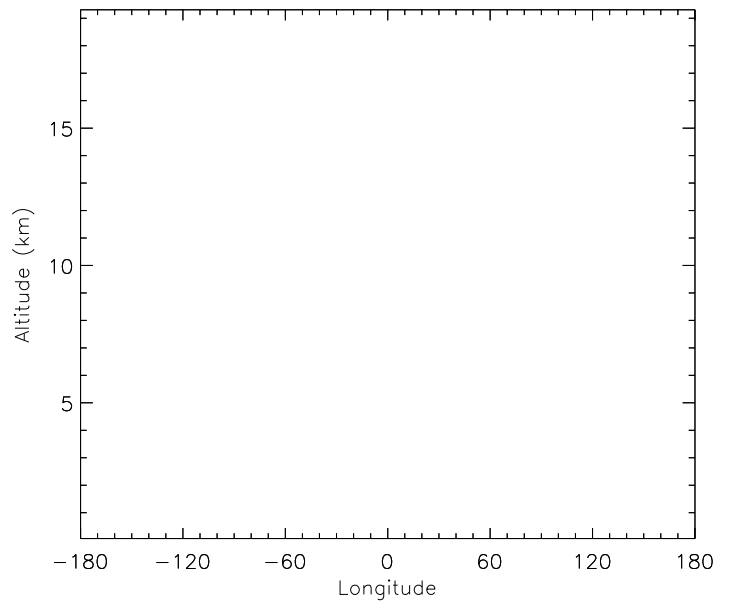
v11-01f-geosp-Run0 - v11-01d-Run1

NO<sub>2</sub> - Diff along 15S for Apr



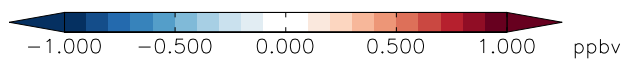
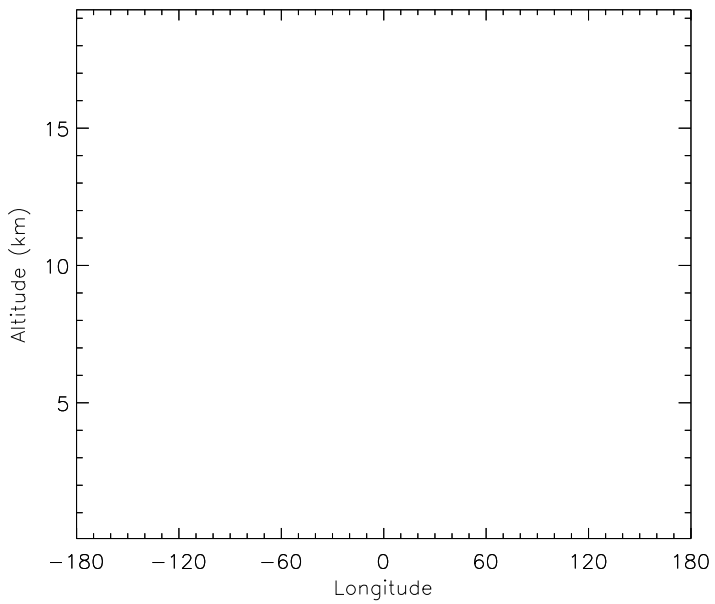
v11-01f-geosp-Run0 - v11-01d-Run1

NO<sub>2</sub> - Diff along 42N for Apr



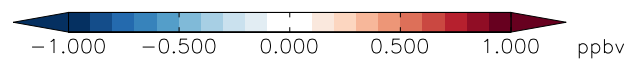
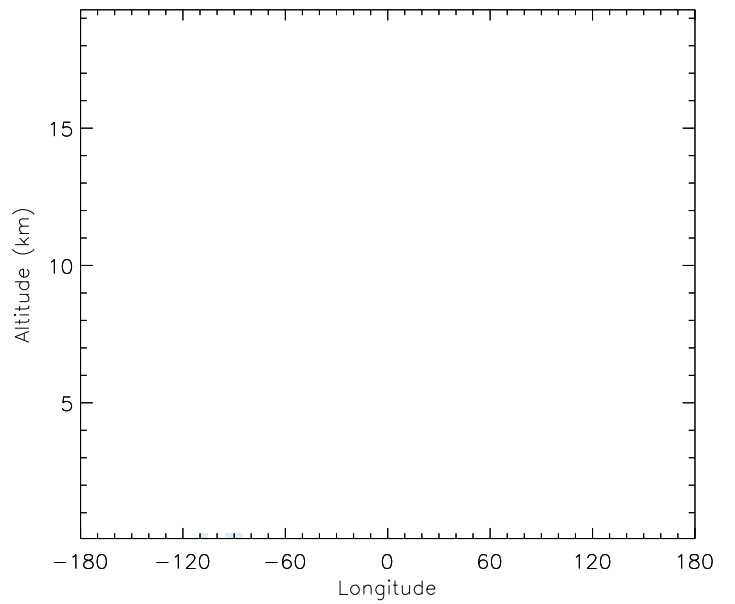
v11-01f-geosp-Run0 - v11-01b-Run0

NO<sub>2</sub> - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

NO<sub>2</sub> - Diff along 42N for Apr

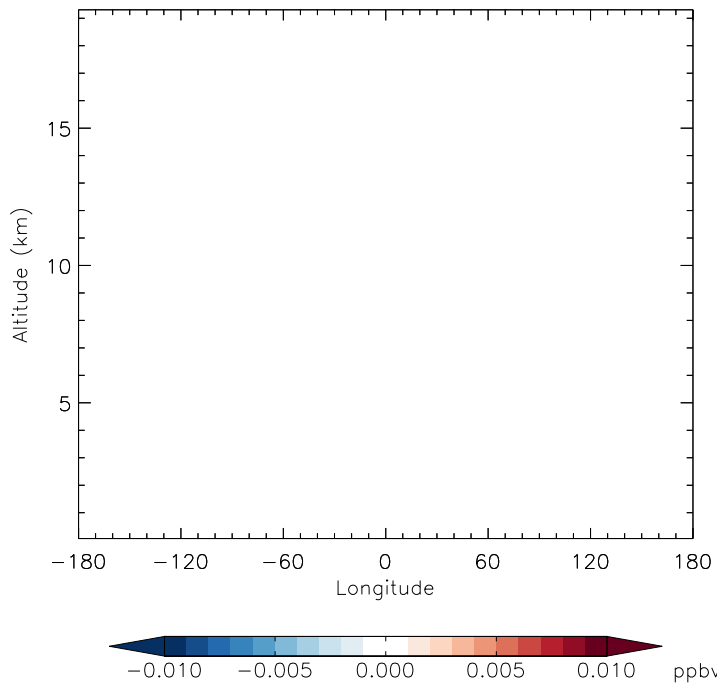




# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

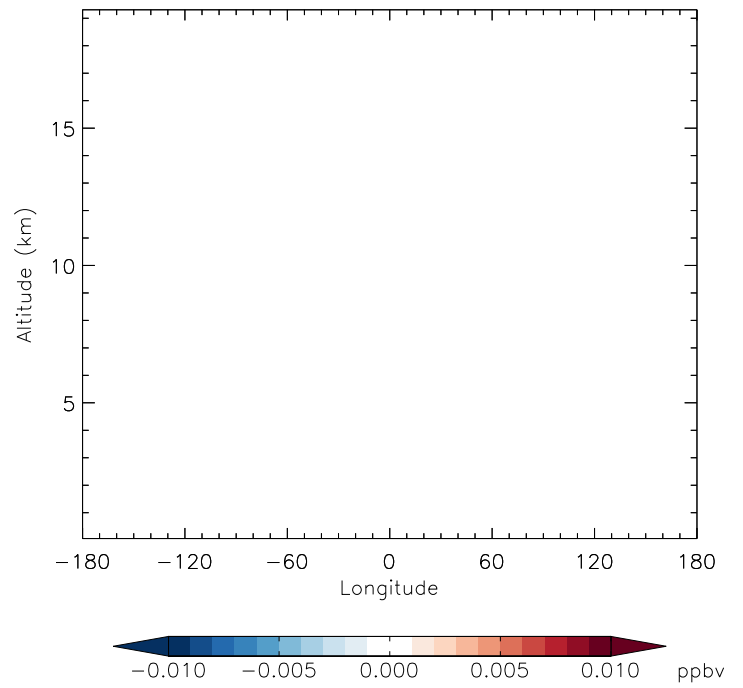
v11-01f-geosp-Run0 - v11-01d-Run1

NO3 - Diff along 15S for Apr



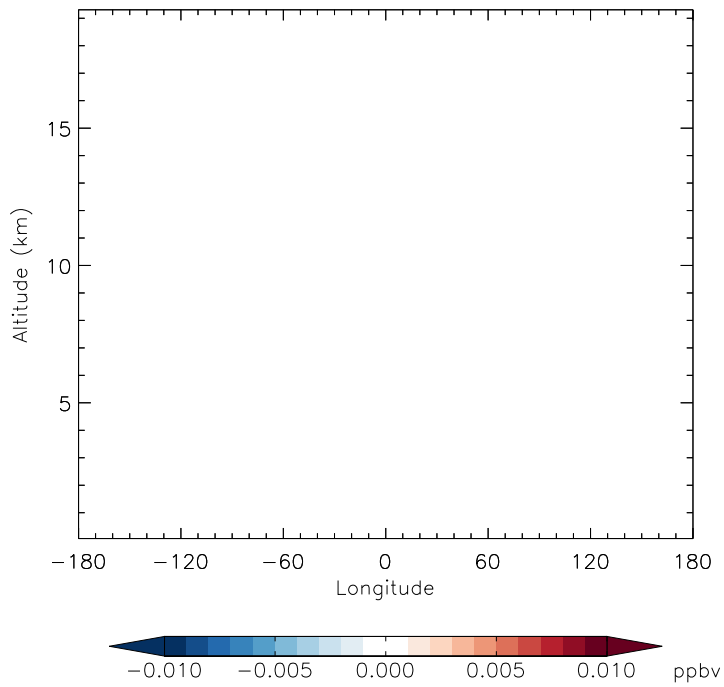
v11-01f-geosp-Run0 - v11-01d-Run1

NO3 - Diff along 42N for Apr



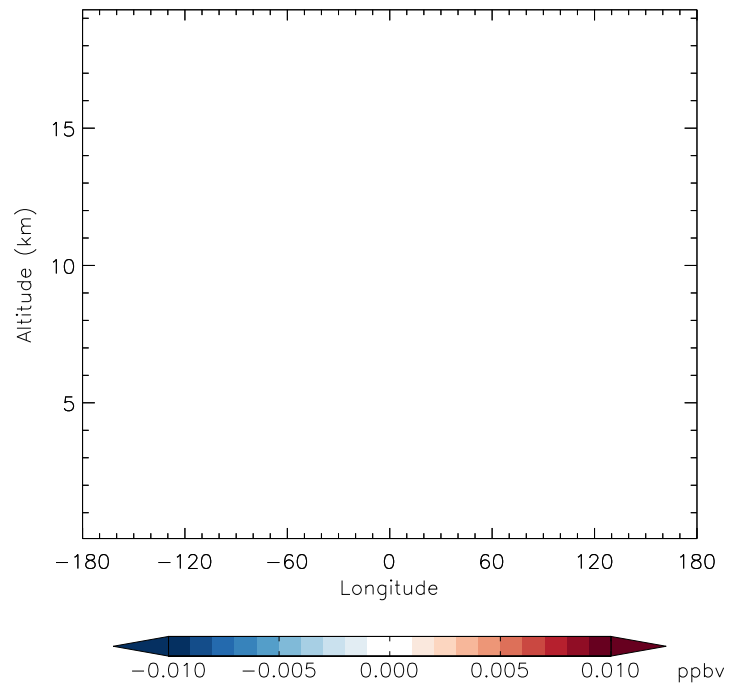
v11-01f-geosp-Run0 - v11-01b-Run0

NO3 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

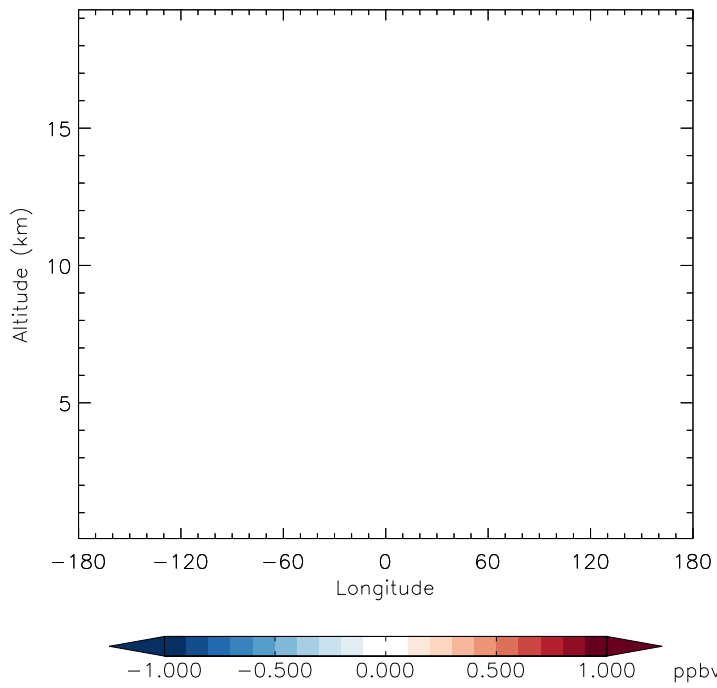
NO3 - Diff along 42N for Apr



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

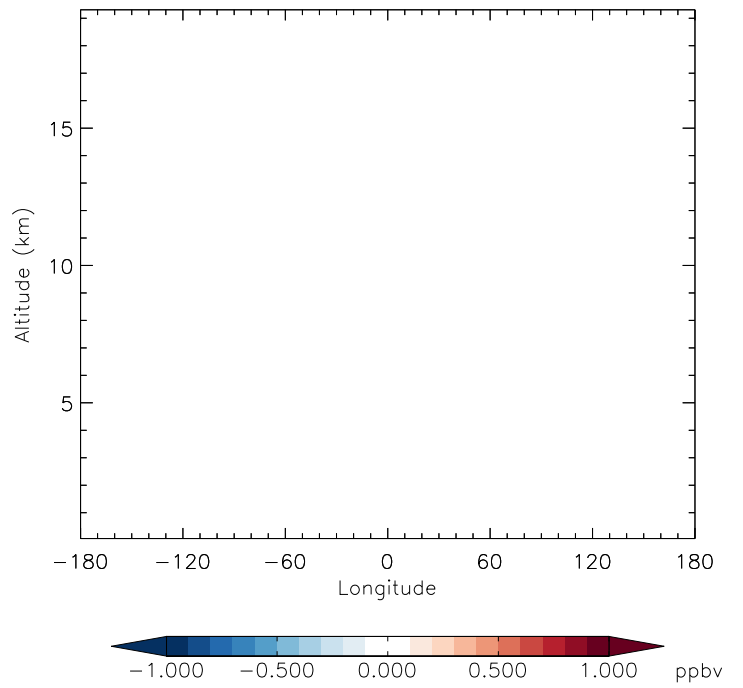
v11-01f-geosp-Run0 - v11-01d-Run1

HNO<sub>2</sub> - Diff along 15S for Apr



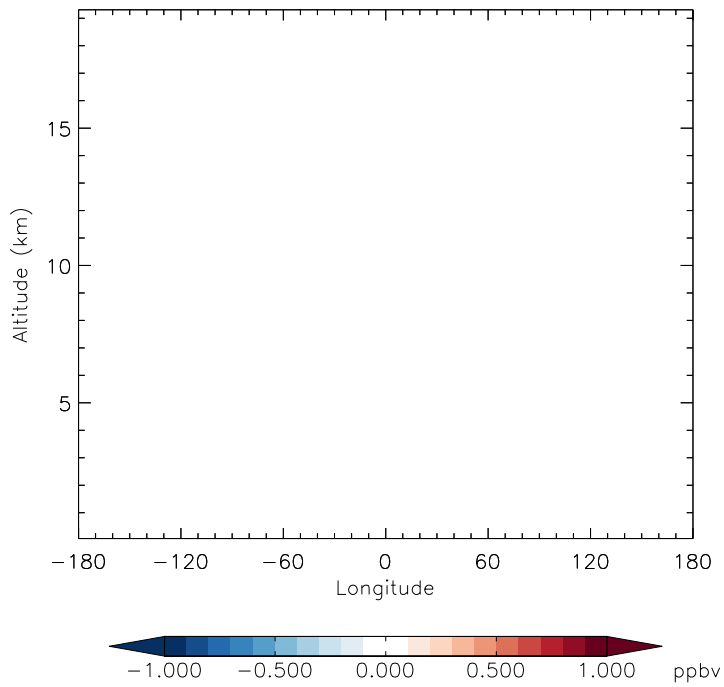
v11-01f-geosp-Run0 - v11-01d-Run1

HNO<sub>2</sub> - Diff along 42N for Apr



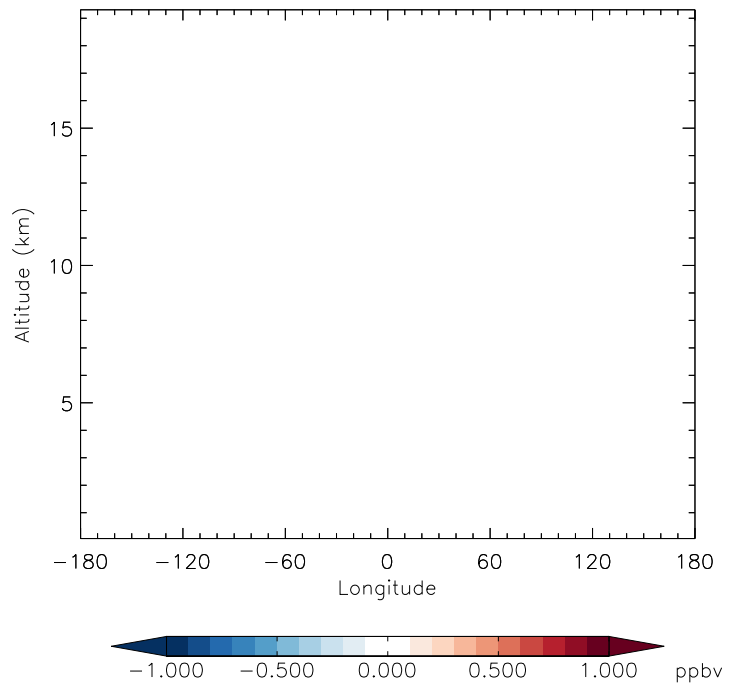
v11-01f-geosp-Run0 - v11-01b-Run0

HNO<sub>2</sub> - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

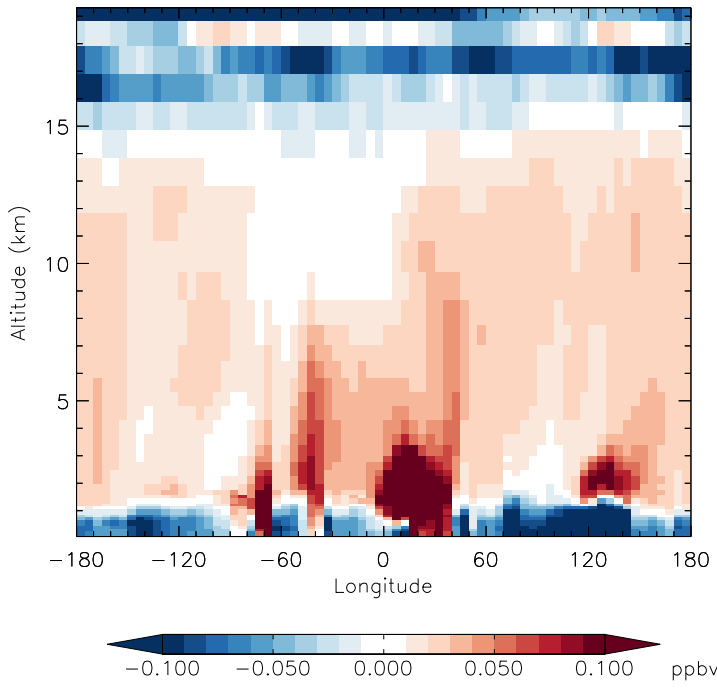
HNO<sub>2</sub> - Diff along 42N for Apr



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

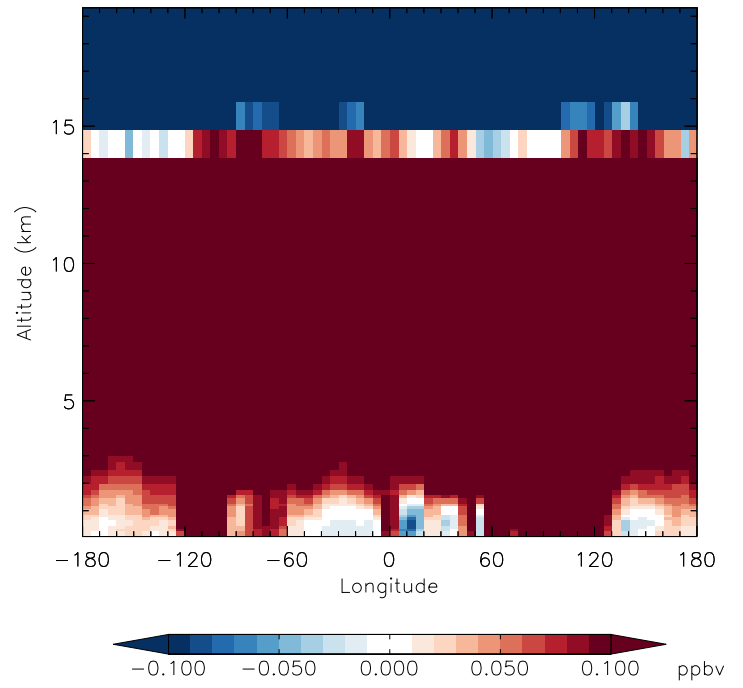
v11-01f-geosp-Run0 - v11-01d-Run1

N2O - Diff along 15S for Apr



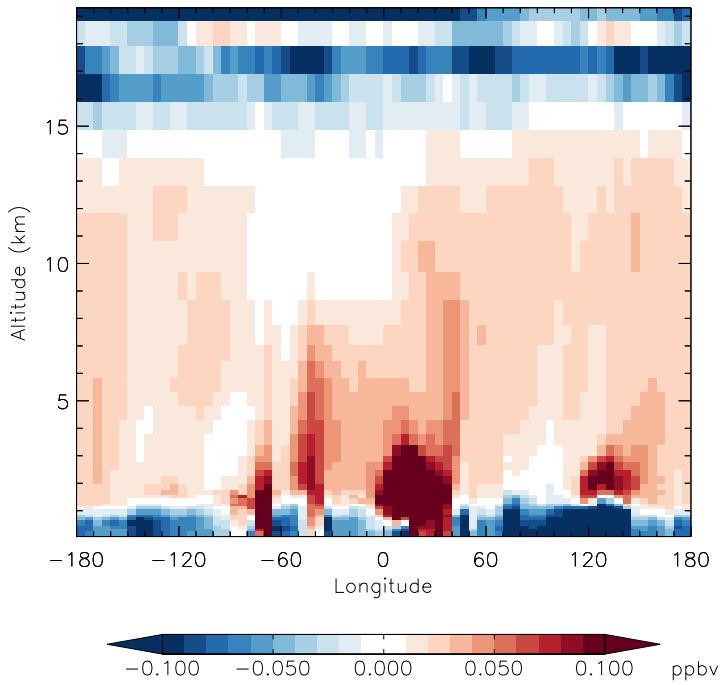
v11-01f-geosp-Run0 - v11-01d-Run1

N2O - Diff along 42N for Apr



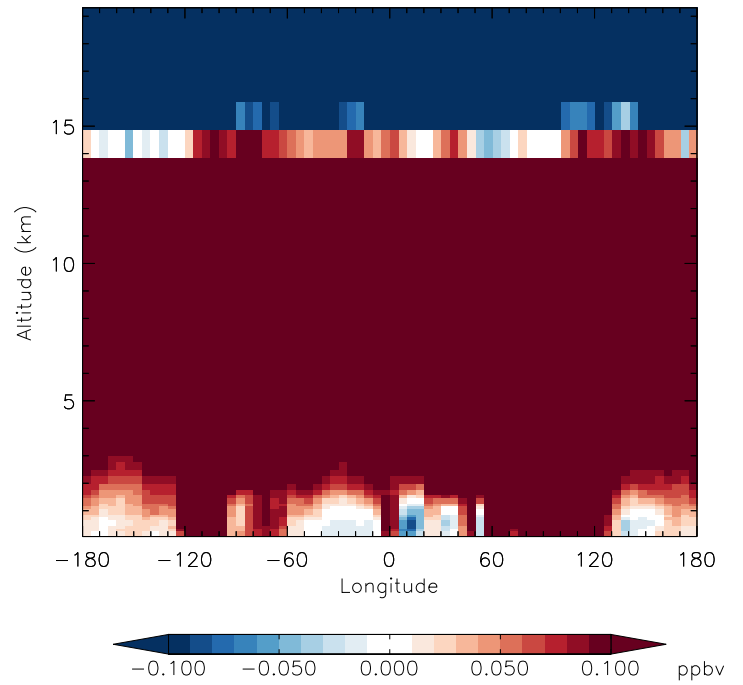
v11-01f-geosp-Run0 - v11-01b-Run0

N2O - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

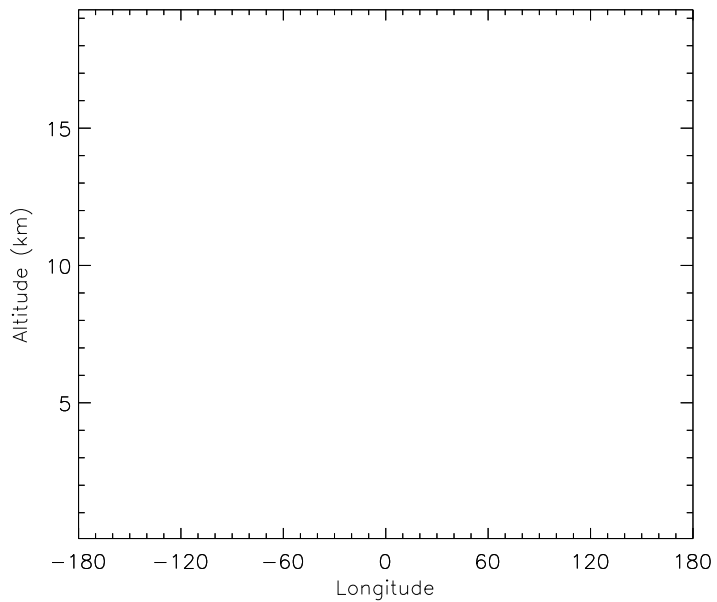
N2O - Diff along 42N for Apr



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

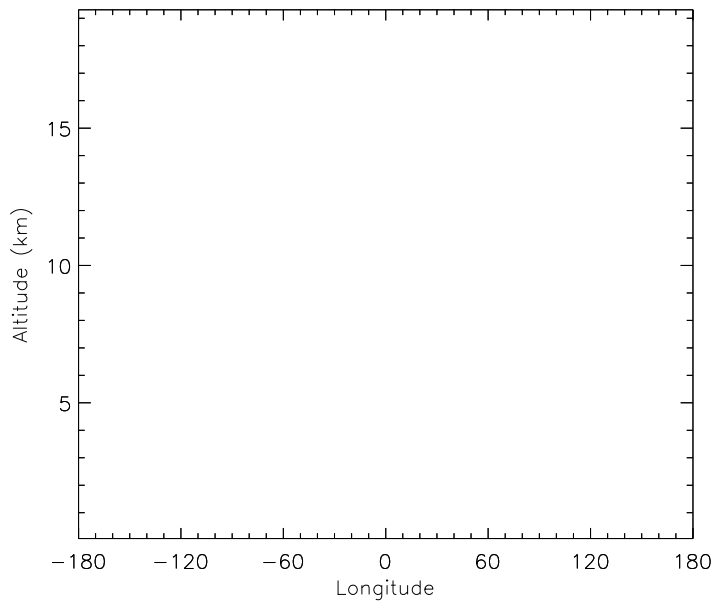
v11-01f-geosp-Run0 - v11-01d-Run1

OCS - Diff along 15S for Apr



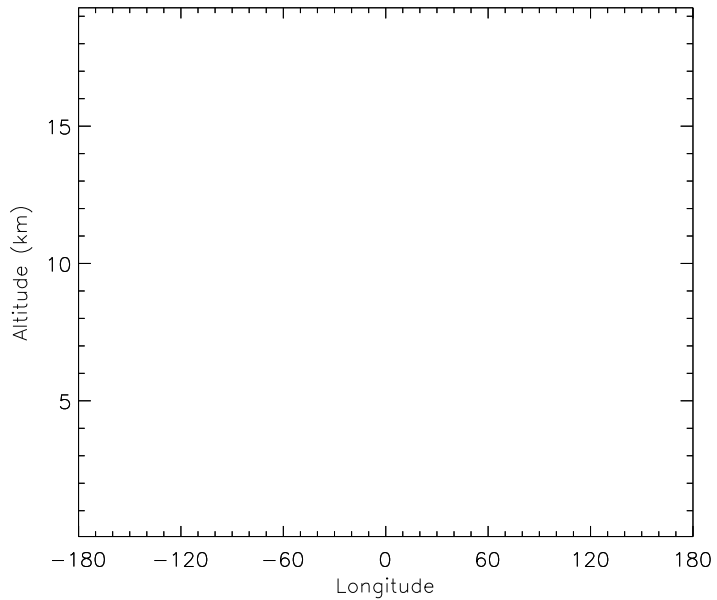
v11-01f-geosp-Run0 - v11-01d-Run1

OCS - Diff along 42N for Apr



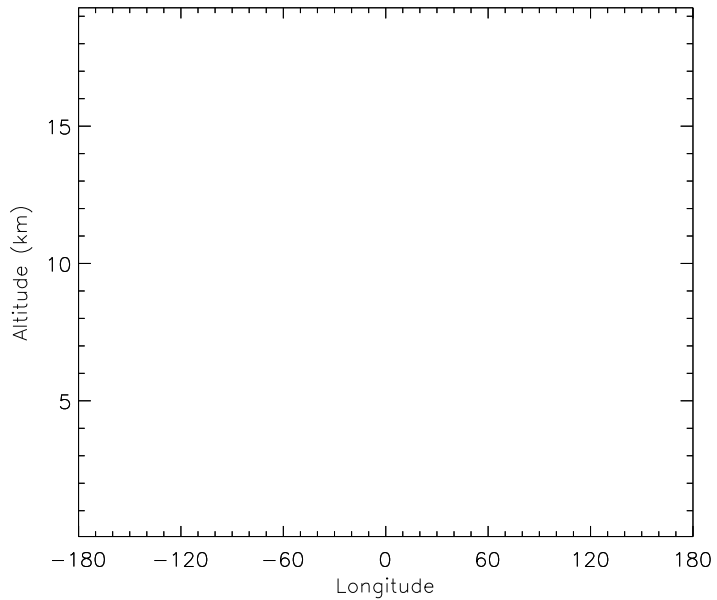
v11-01f-geosp-Run0 - v11-01b-Run0

OCS - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

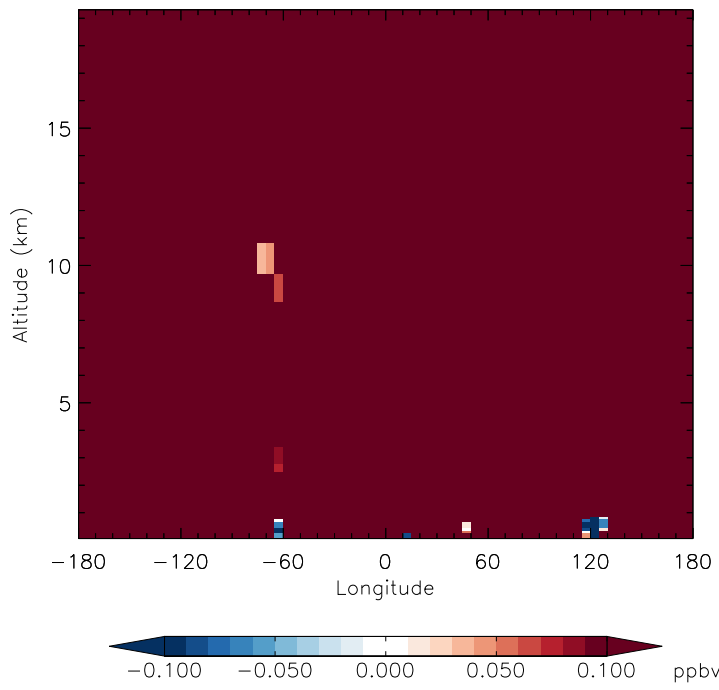
OCS - Diff along 42N for Apr



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

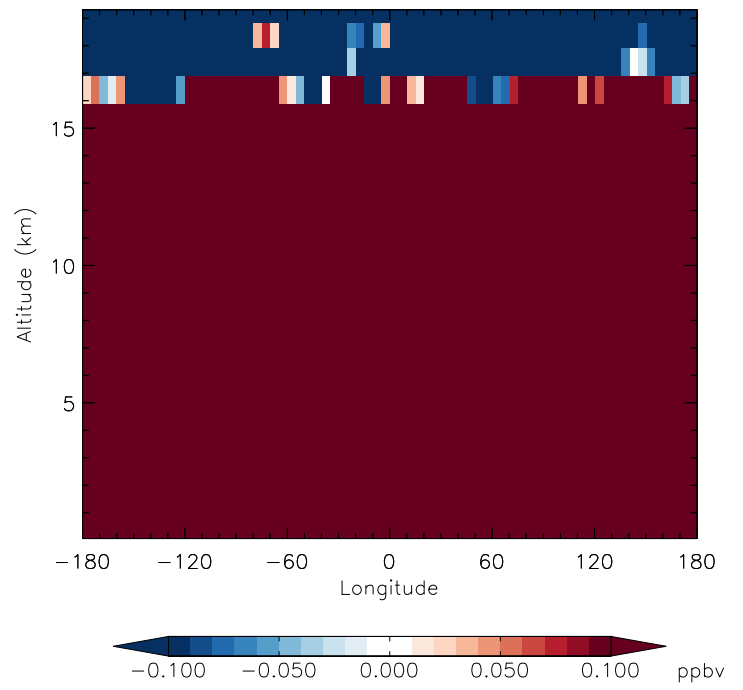
v11-01f-geosp-Run0 - v11-01d-Run1

CH4 - Diff along 15S for Apr



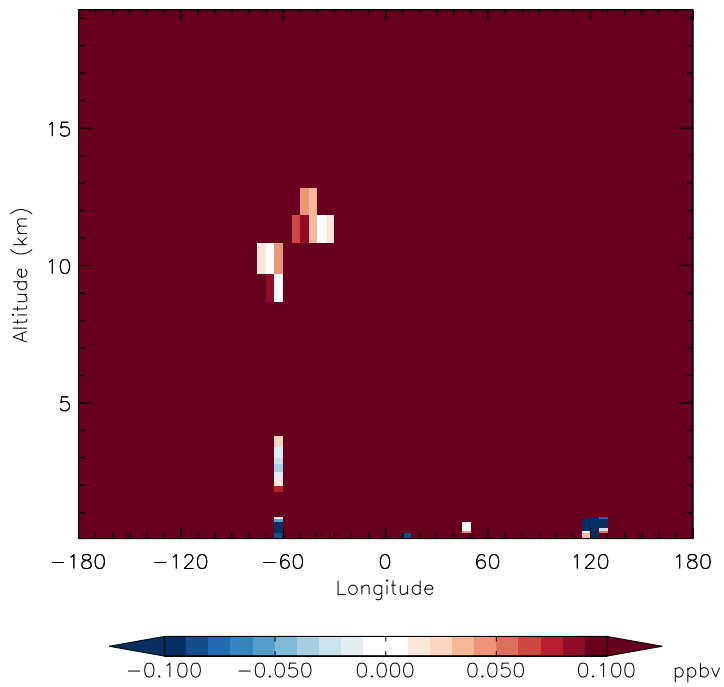
v11-01f-geosp-Run0 - v11-01d-Run1

CH4 - Diff along 42N for Apr



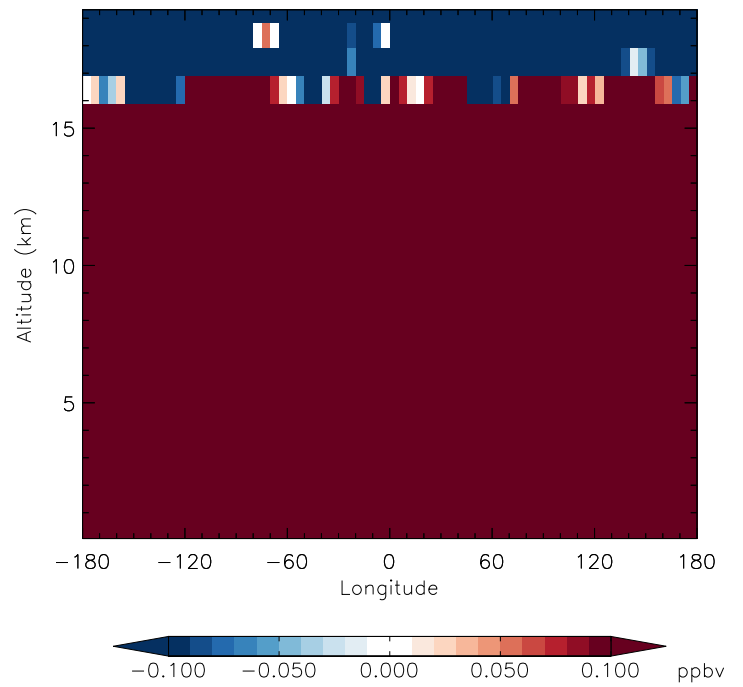
v11-01f-geosp-Run0 - v11-01b-Run0

CH4 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

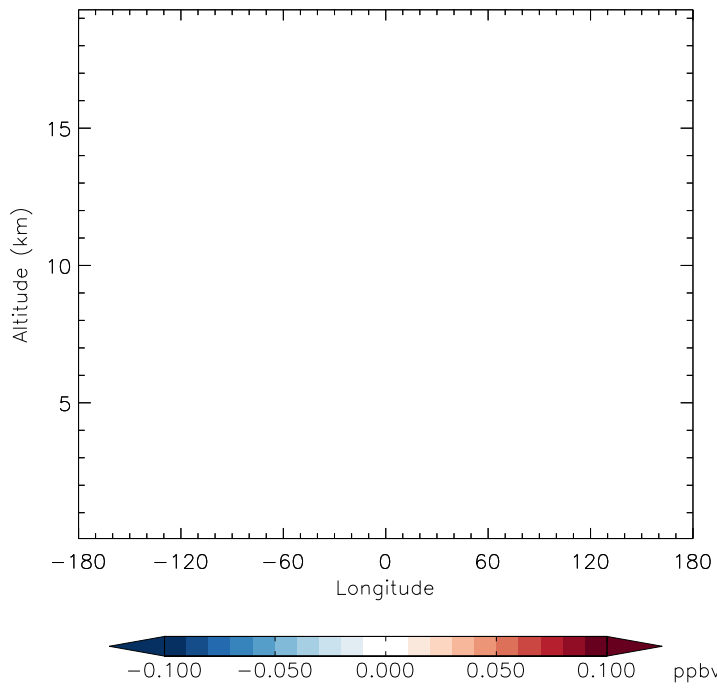
CH4 - Diff along 42N for Apr



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

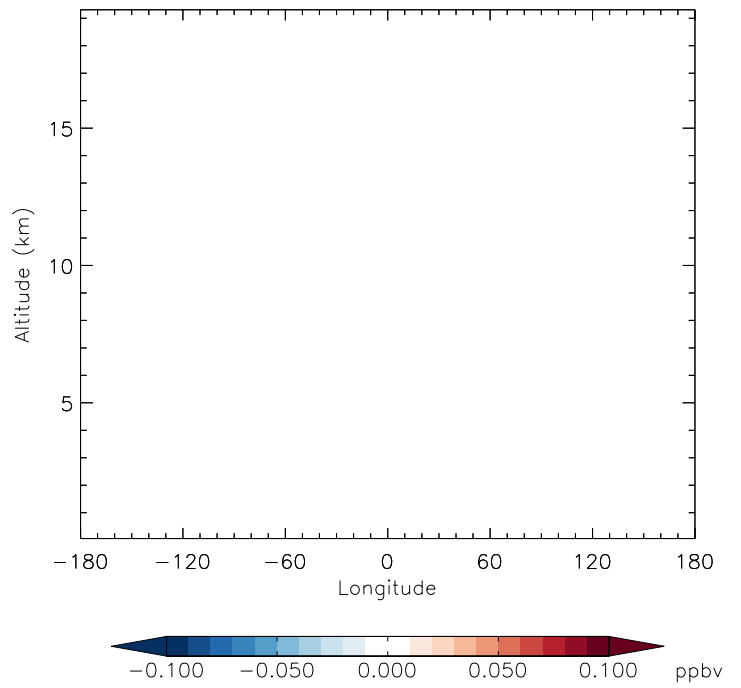
v11-01f-geosp-Run0 - v11-01d-Run1

BrCl - Diff along 15S for Apr



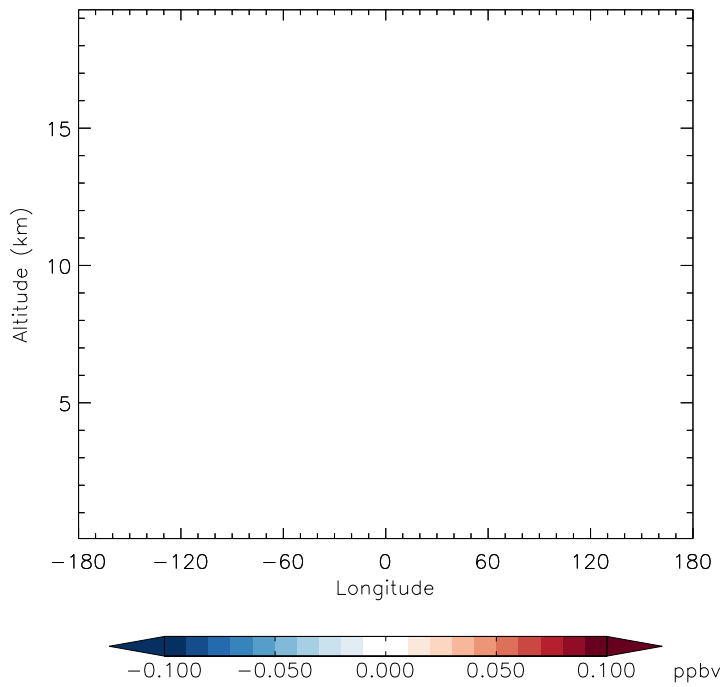
v11-01f-geosp-Run0 - v11-01d-Run1

BrCl - Diff along 42N for Apr



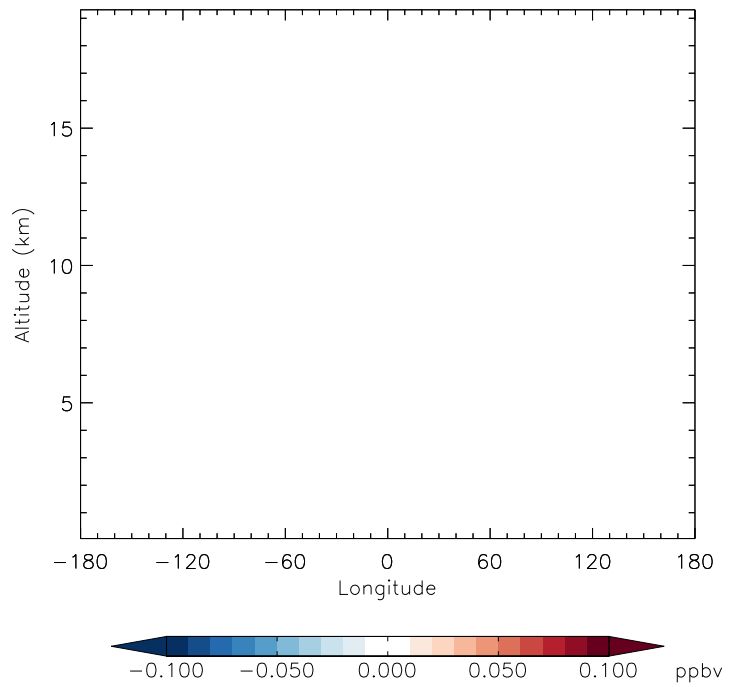
v11-01f-geosp-Run0 - v11-01b-Run0

BrCl - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

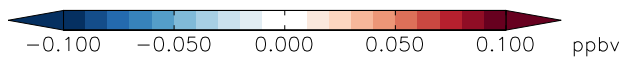
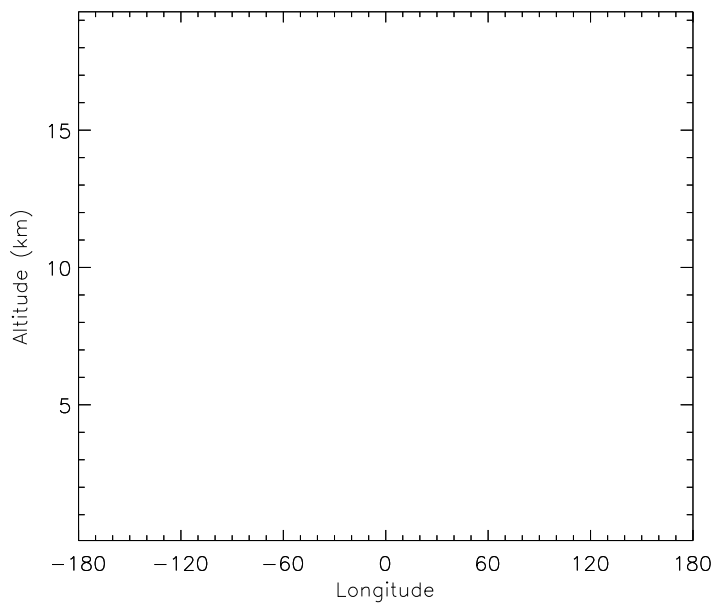
BrCl - Diff along 42N for Apr



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

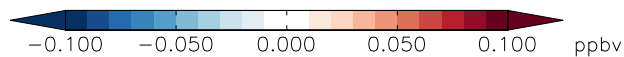
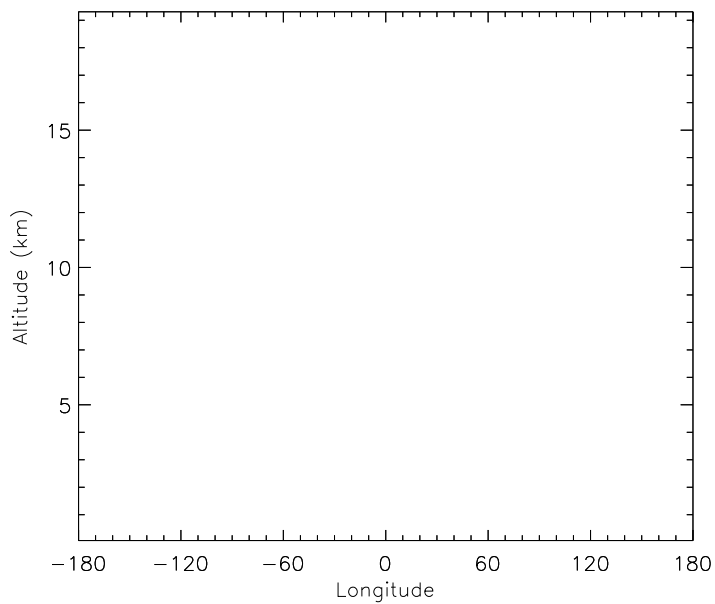
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HCl - Diff along 15S for Apr



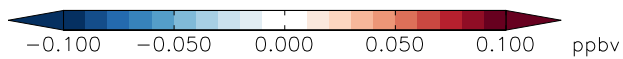
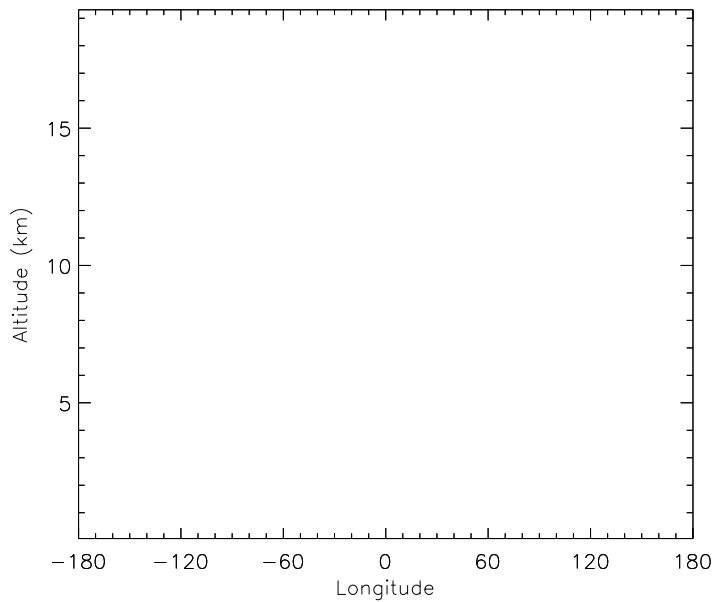
v11-01f-geosp-Run0 - v11-01d-Run1

HCl - Diff along 42N for Apr



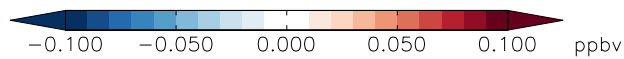
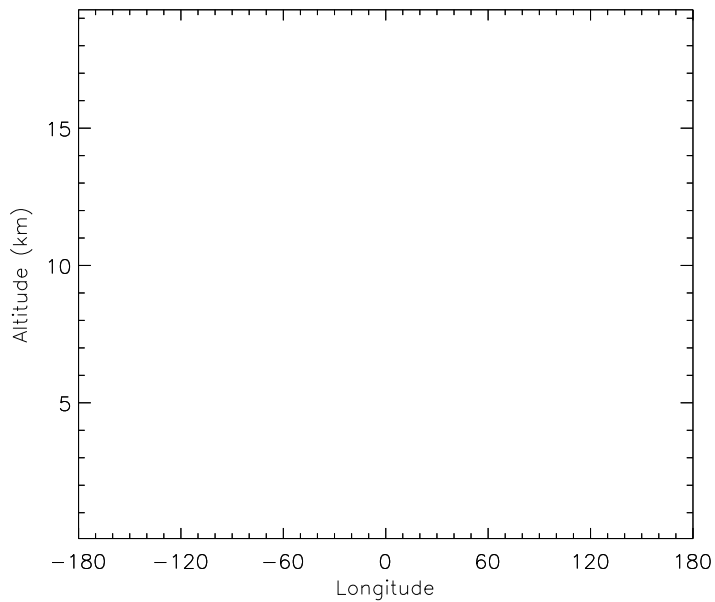
v11-01f-geosp-Run0 - v11-01b-Run0

HCl - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

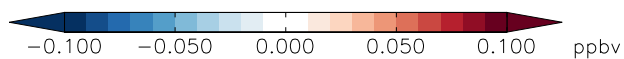
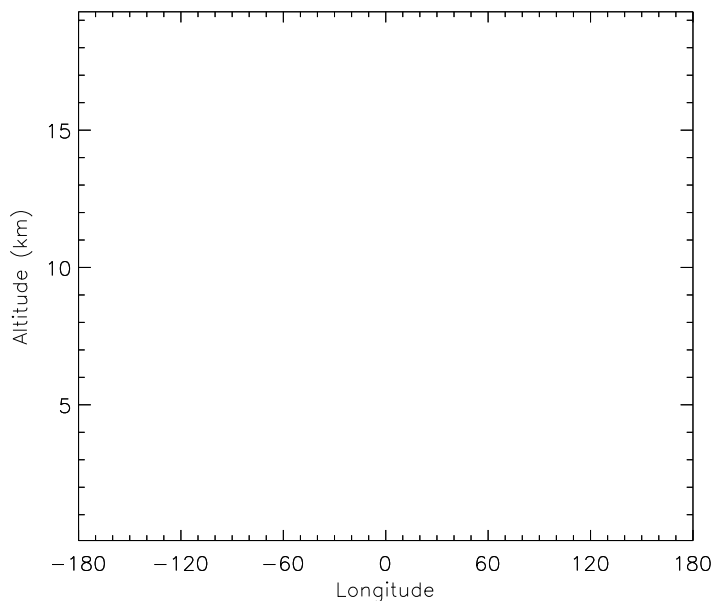
HCl - Diff along 42N for Apr



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

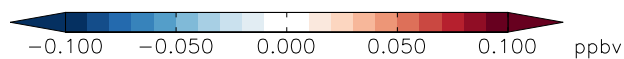
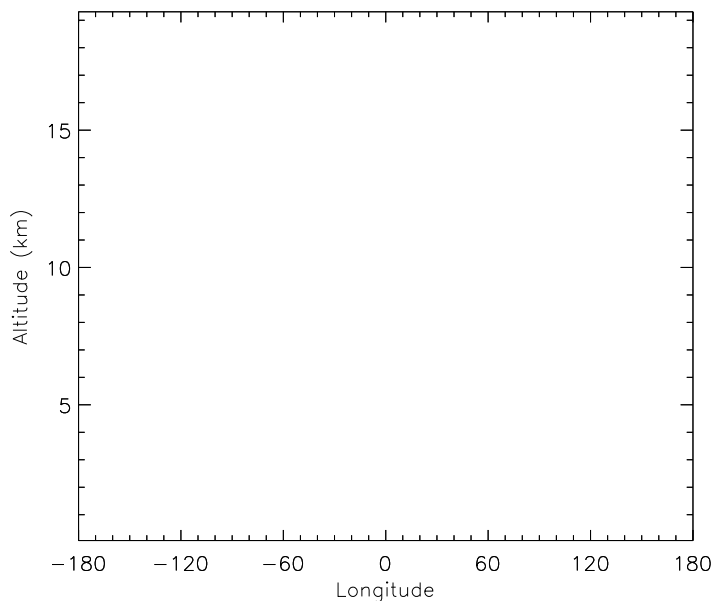
v11-01f-geosp-Run0 - v11-01d-Run1

CCI4 - Diff along 15S for Apr



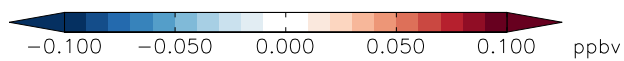
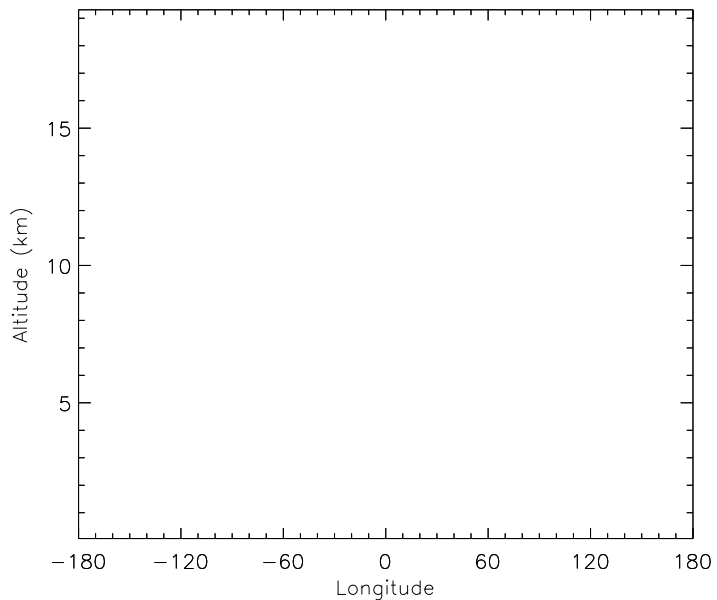
v11-01f-geosp-Run0 - v11-01d-Run1

CCI4 - Diff along 42N for Apr



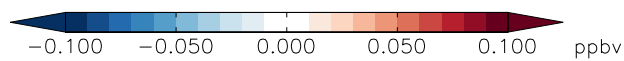
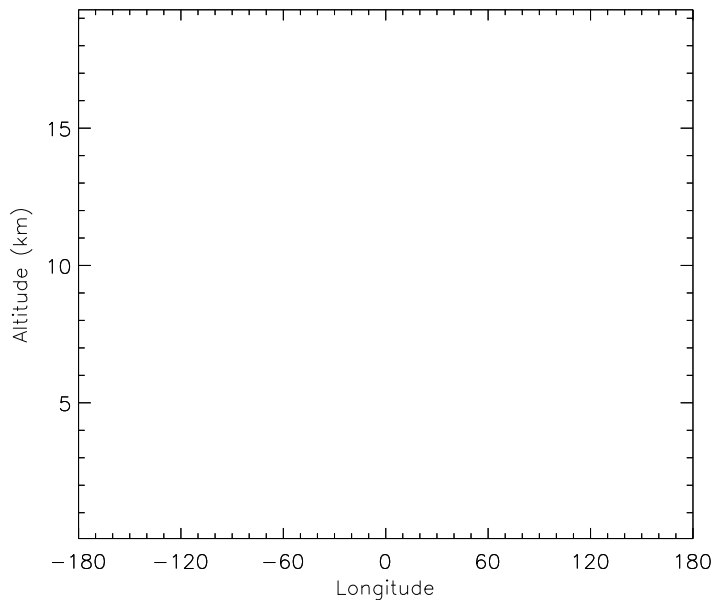
v11-01f-geosp-Run0 - v11-01b-Run0

CCI4 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

CCI4 - Diff along 42N for Apr

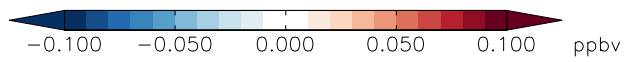
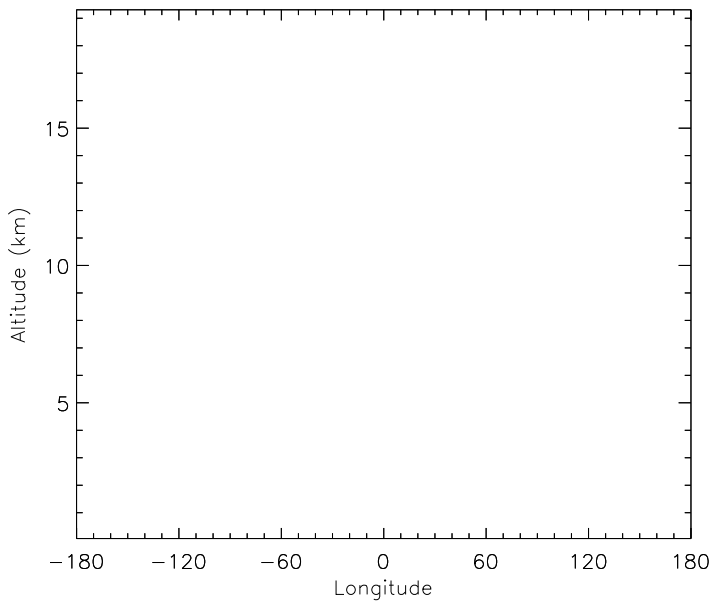




GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

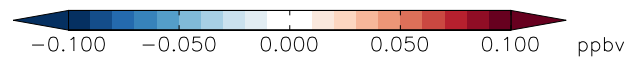
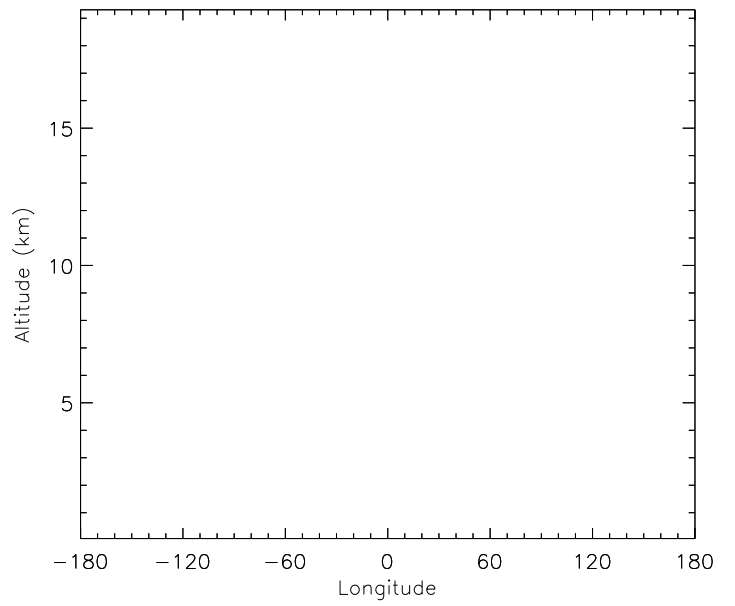
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CH<sub>3</sub>Cl - Diff along 15S for Apr



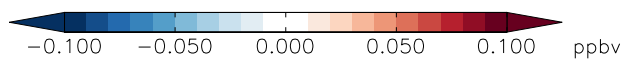
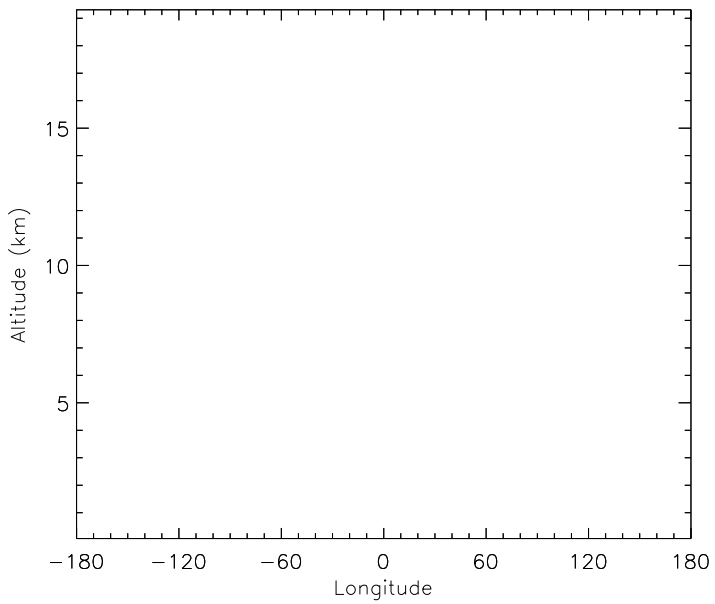
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CH<sub>3</sub>Cl - Diff along 42N for Apr



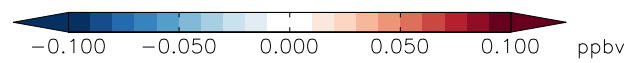
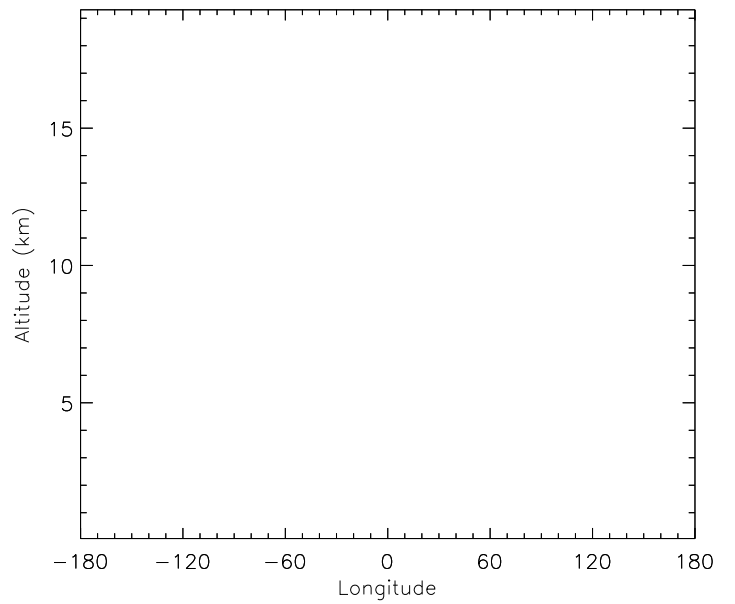
v11-01f-geosp-Run0 - v11-01b-Run0

CH<sub>3</sub>Cl - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

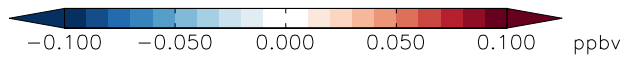
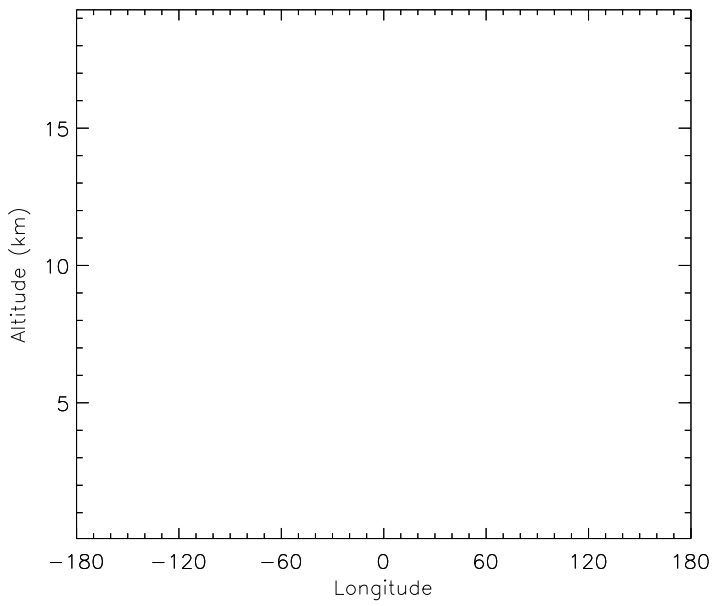
CH<sub>3</sub>Cl - Diff along 42N for Apr



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

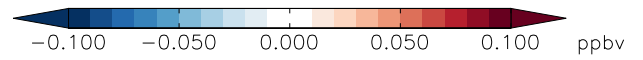
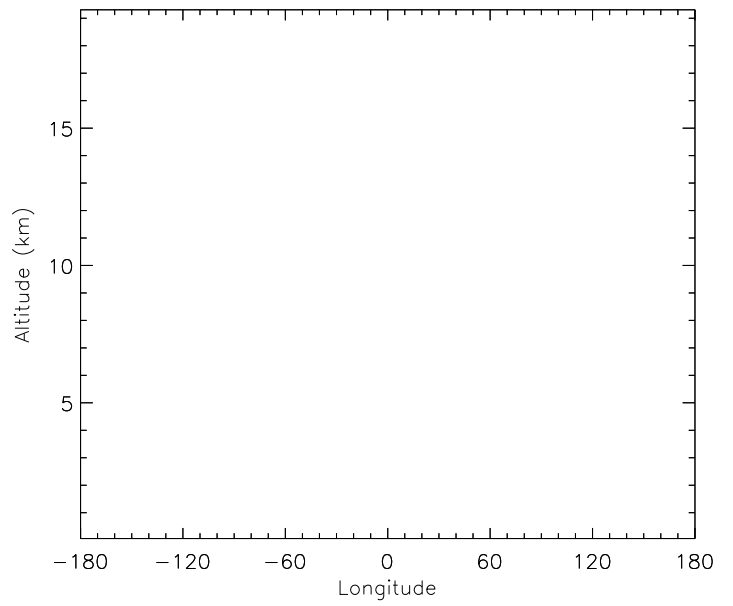
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CH3CCI3 - Diff along 15S for Apr



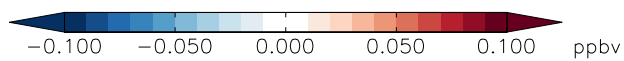
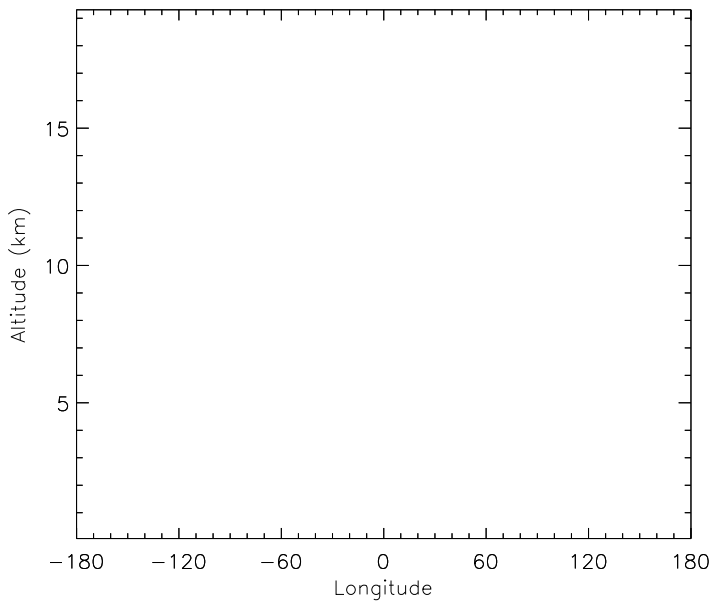
v11-01f-geosp-Run0 - v11-01d-Run1

CH3CCI3 - Diff along 42N for Apr



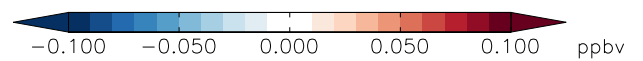
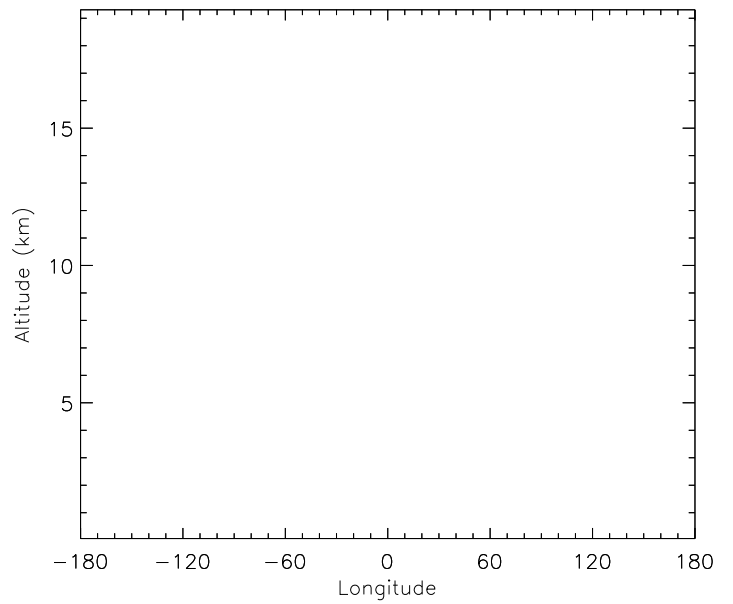
v11-01f-geosp-Run0 - v11-01b-Run0

CH3CCI3 - Diff along 15S for Apr



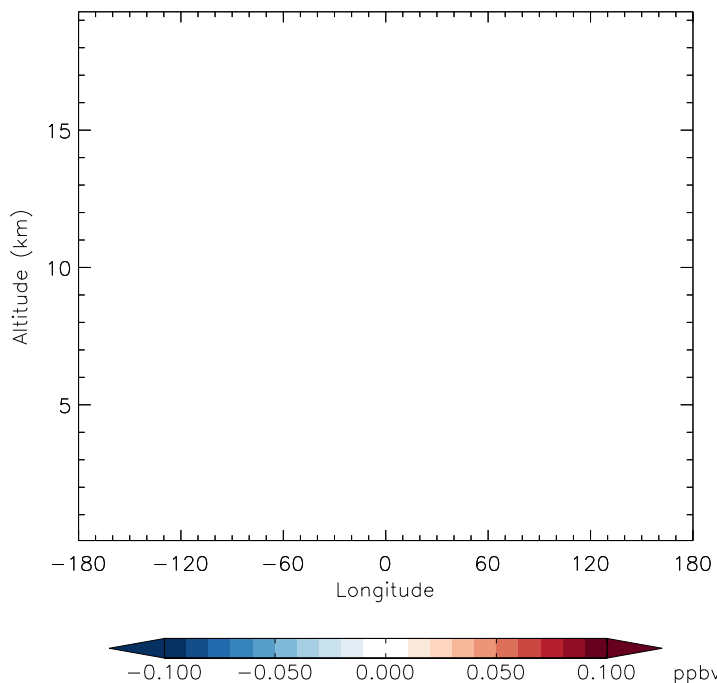
v11-01f-geosp-Run0 - v11-01b-Run0

CH3CCI3 - Diff along 42N for Apr

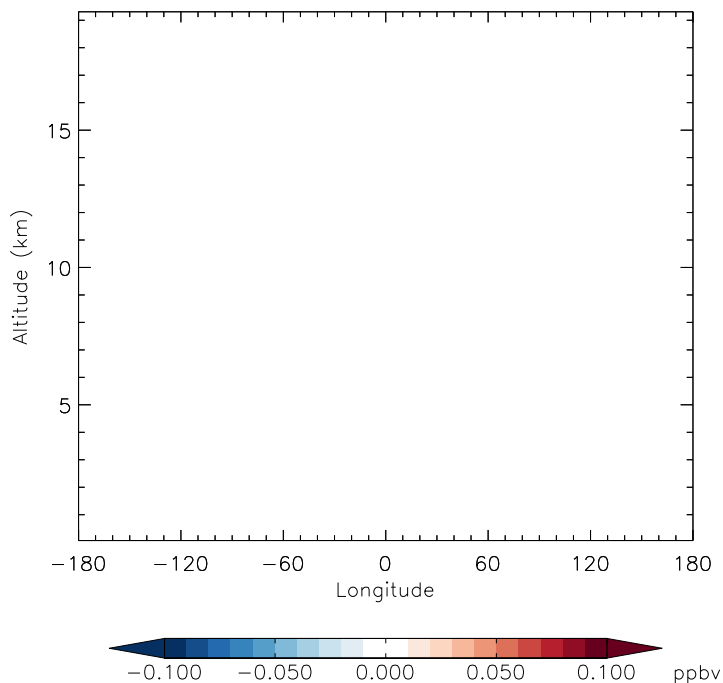


# GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

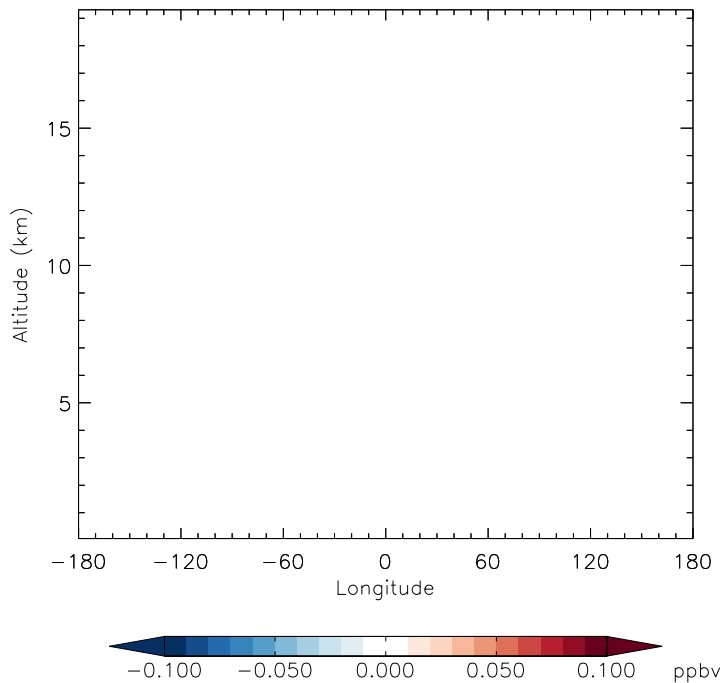
v11-01f-geosp-Run0 - v11-01d-Run1  
CFCX - Diff along 15S for Apr



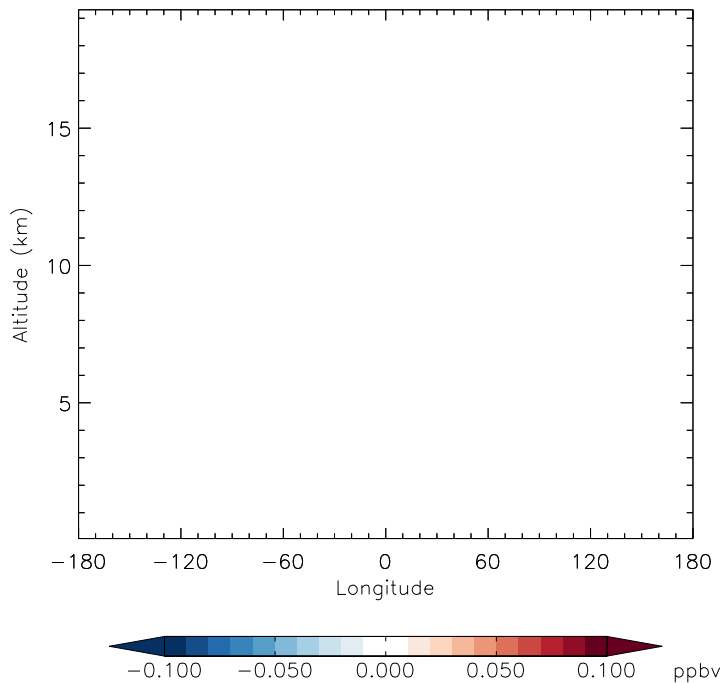
v11-01f-geosp-Run0 - v11-01d-Run1  
CFCX - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
CFCX - Diff along 15S for Apr



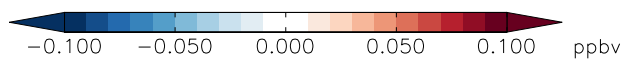
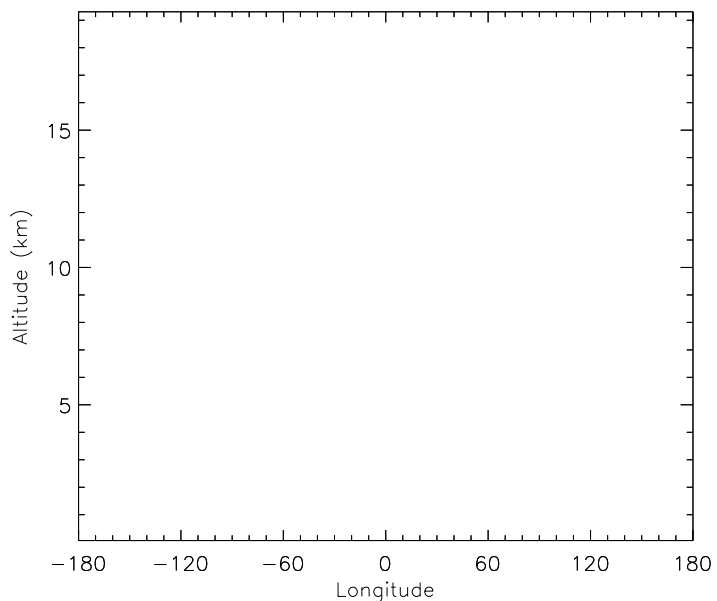
v11-01f-geosp-Run0 - v11-01b-Run0  
CFCX - Diff along 42N for Apr



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

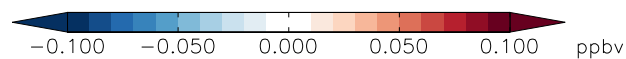
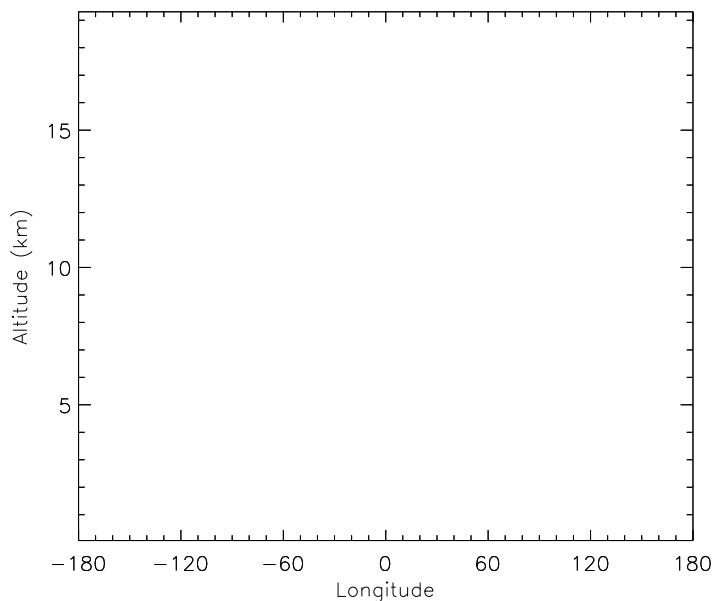
v11-01f-geosp-Run0 - v11-01d-Run1

HCFCX - Diff along 15S for Apr



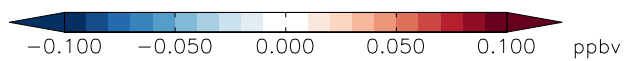
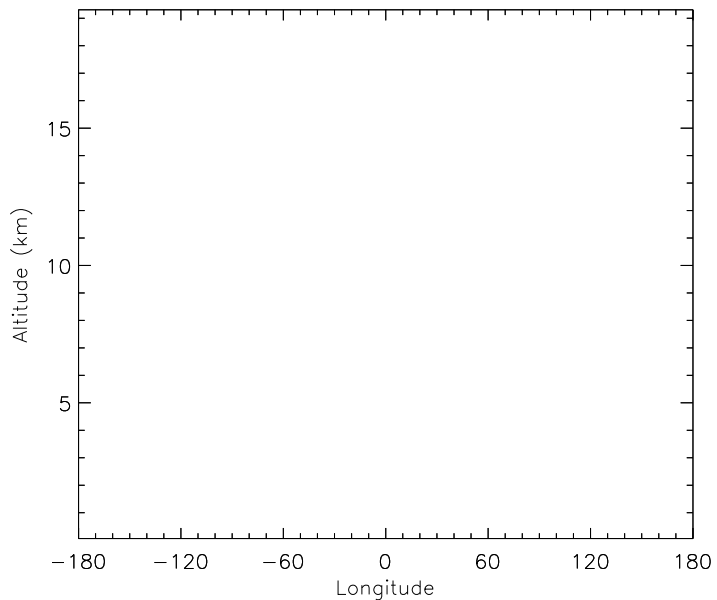
v11-01f-geosp-Run0 - v11-01d-Run1

HCFCX - Diff along 42N for Apr



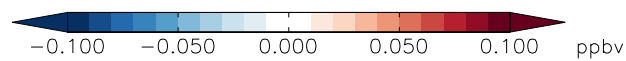
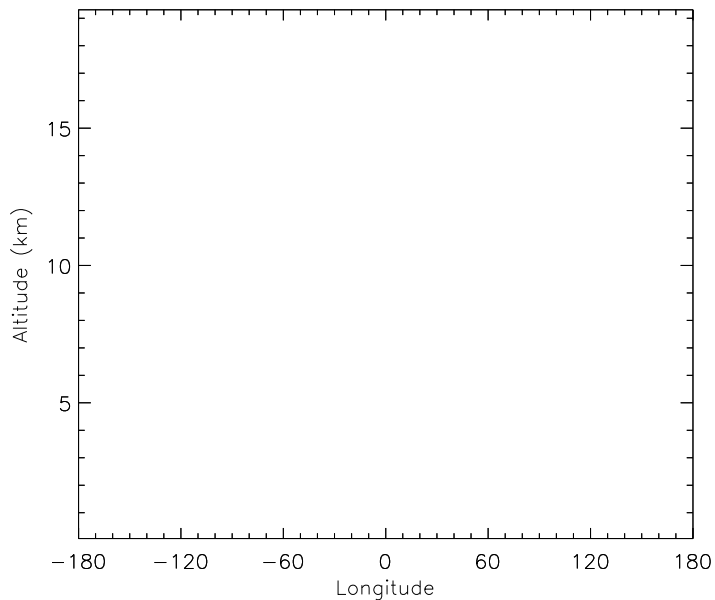
v11-01f-geosp-Run0 - v11-01b-Run0

HCFCX - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

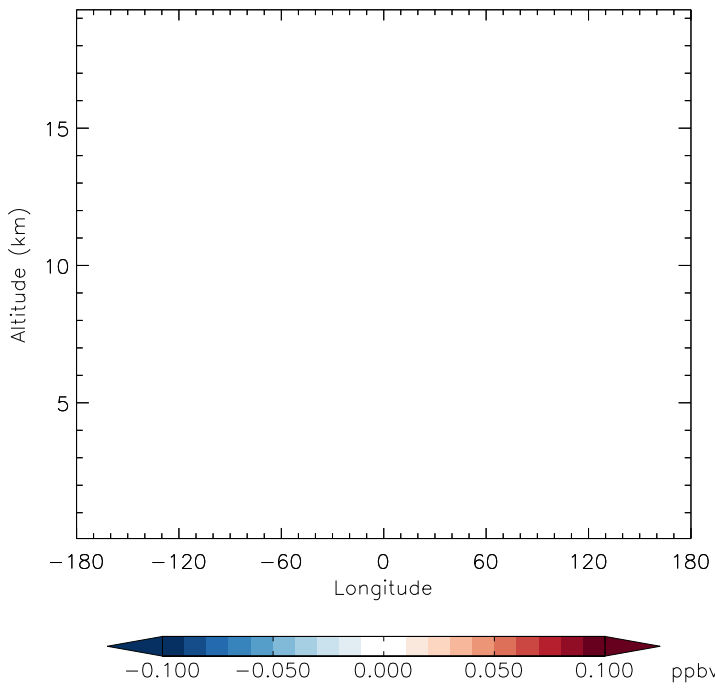
HCFCX - Diff along 42N for Apr



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

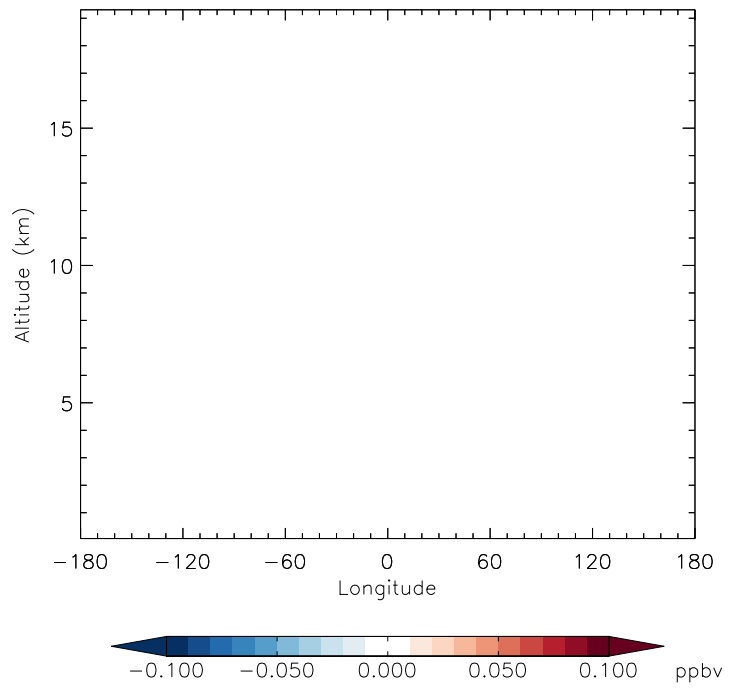
v11-01f-geosp-Run0 - v11-01d-Run1

CFC11 - Diff along 15S for Apr



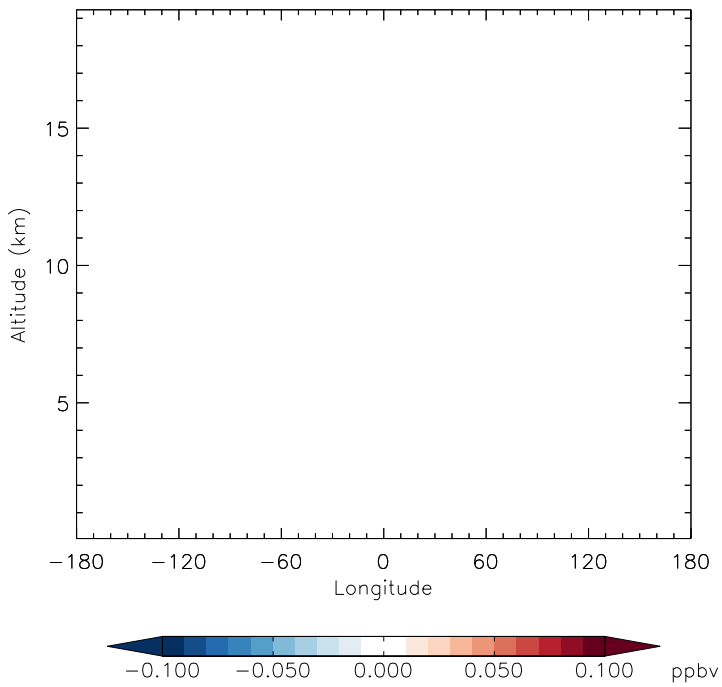
v11-01f-geosp-Run0 - v11-01d-Run1

CFC11 - Diff along 42N for Apr



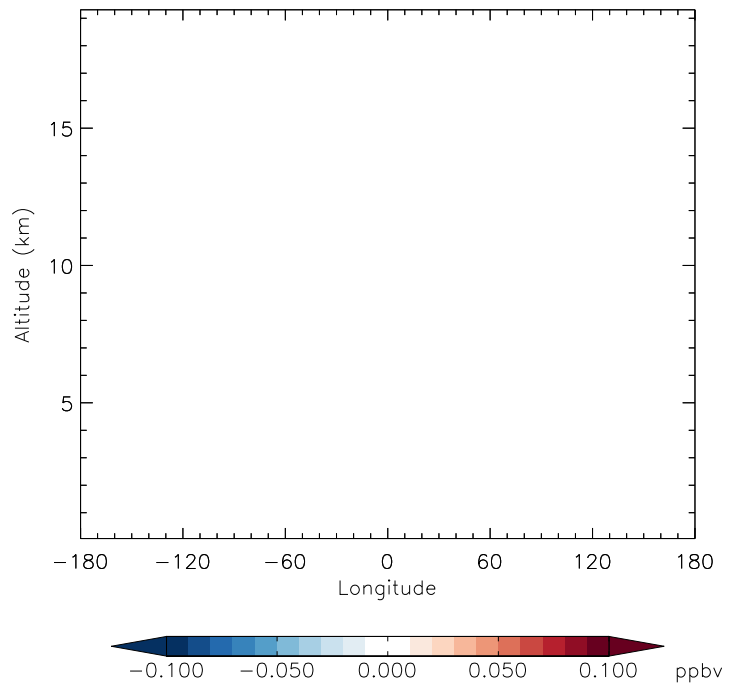
v11-01f-geosp-Run0 - v11-01b-Run0

CFC11 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

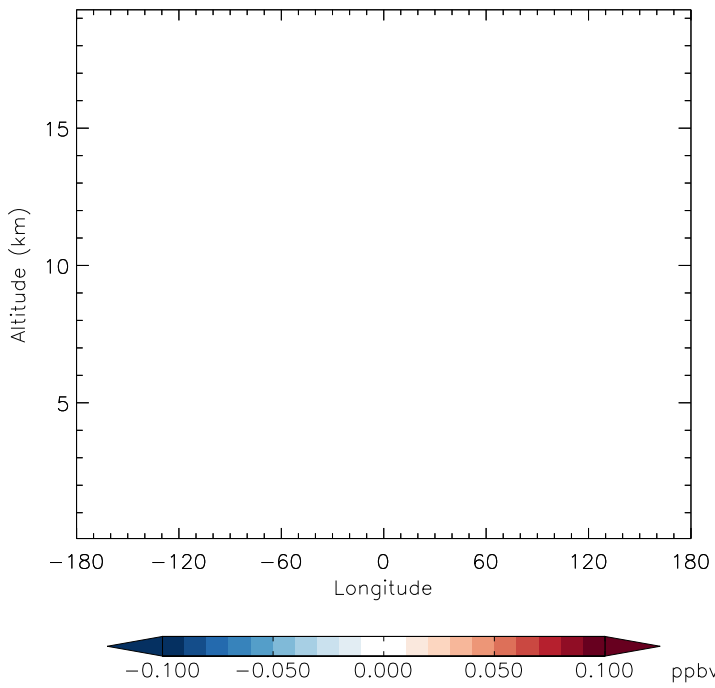
CFC11 - Diff along 42N for Apr



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

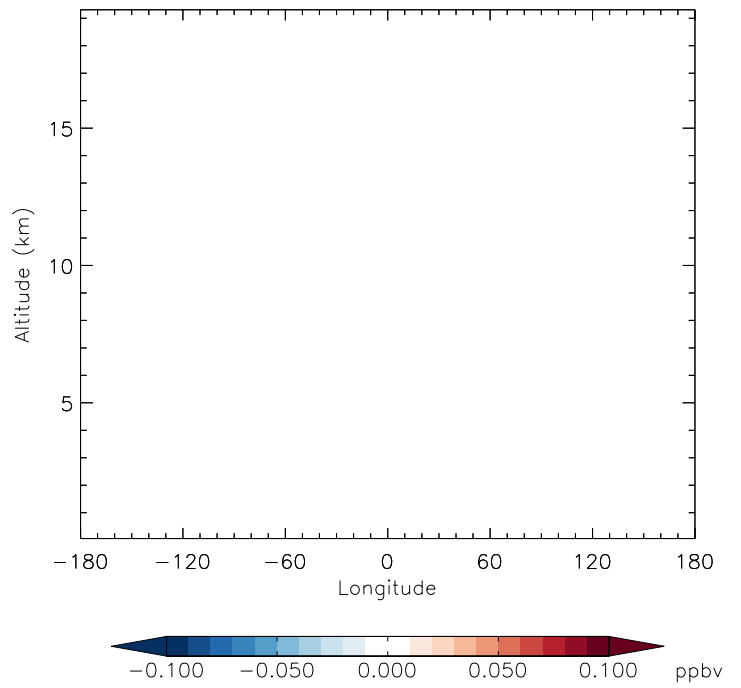
v11-01f-geosp-Run0 - v11-01d-Run1

CFC12 - Diff along 15S for Apr



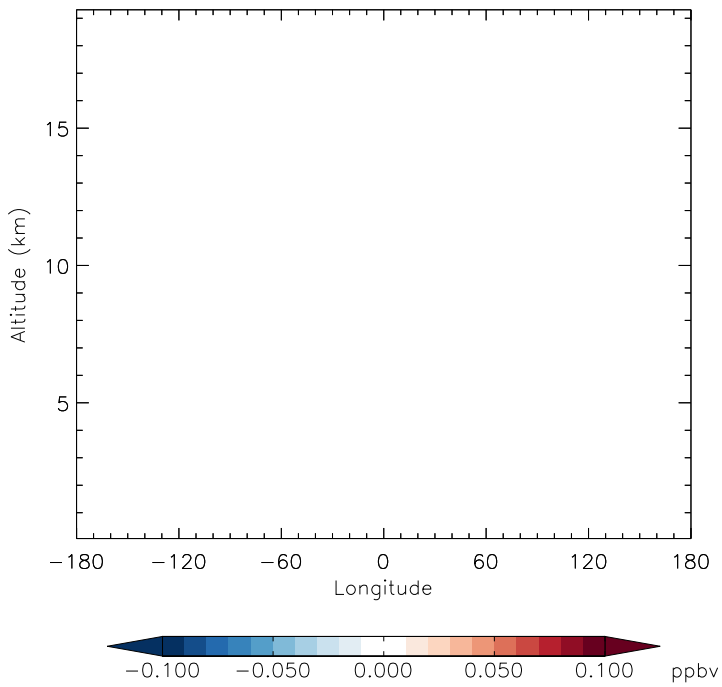
v11-01f-geosp-Run0 - v11-01d-Run1

CFC12 - Diff along 42N for Apr



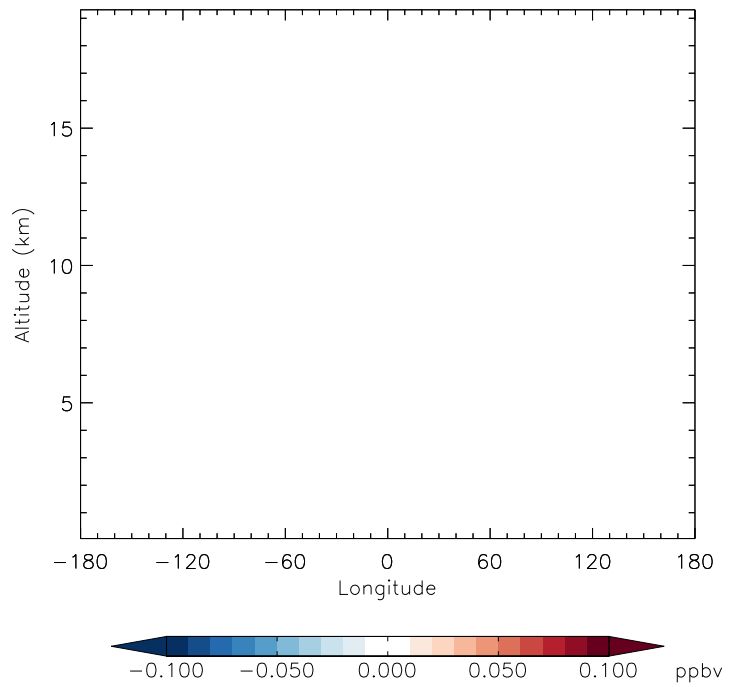
v11-01f-geosp-Run0 - v11-01b-Run0

CFC12 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

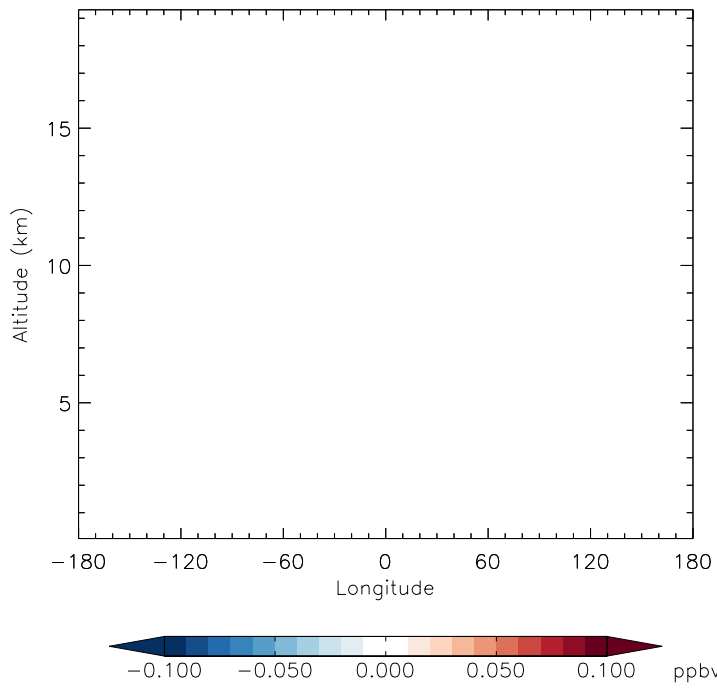
CFC12 - Diff along 42N for Apr



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

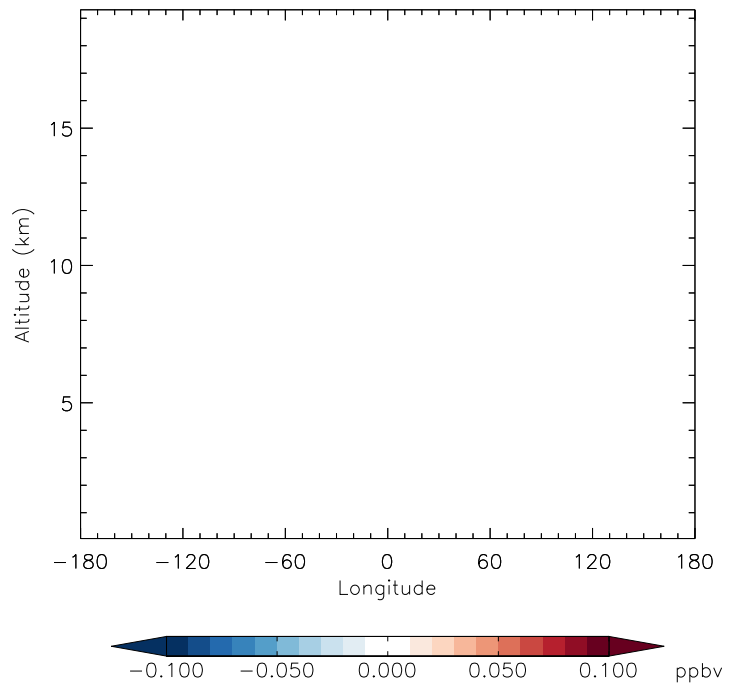
v11-01f-geosp-Run0 - v11-01d-Run1

HCFC22 - Diff along 15S for Apr



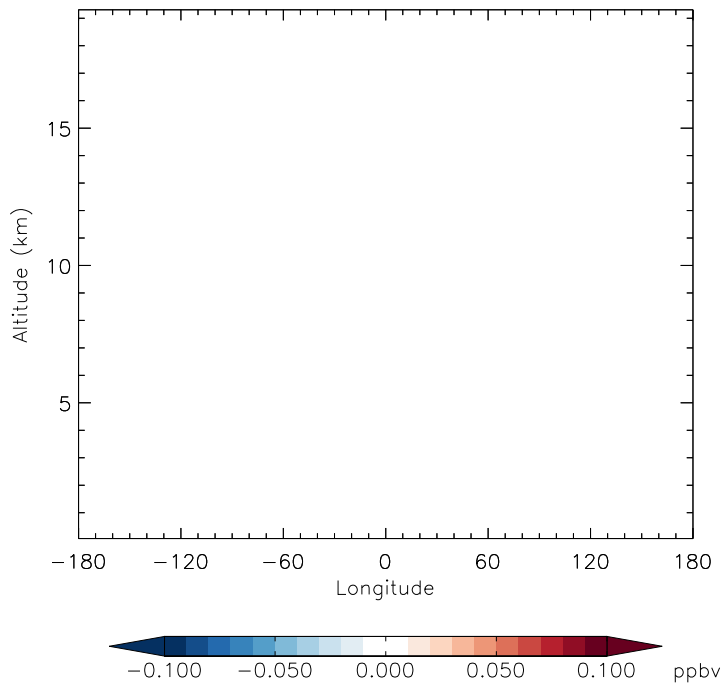
v11-01f-geosp-Run0 - v11-01d-Run1

HCFC22 - Diff along 42N for Apr



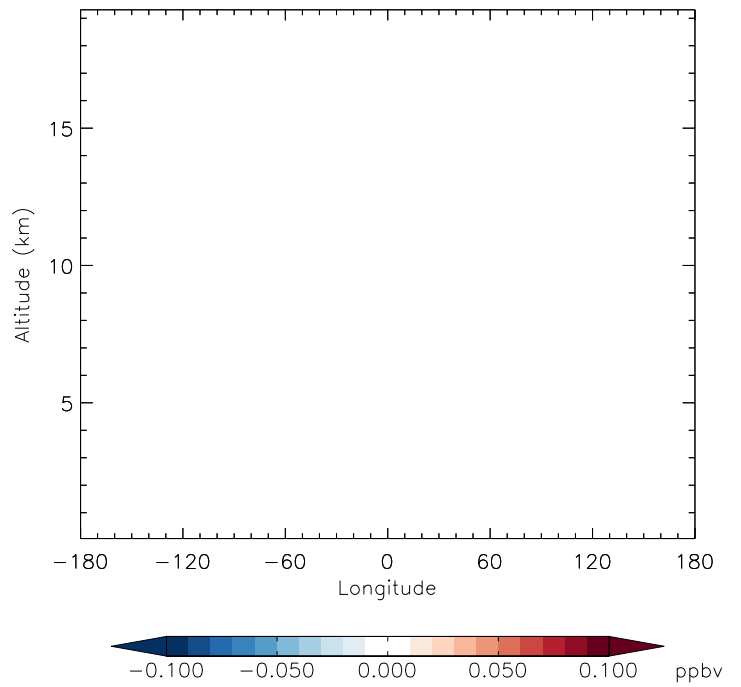
v11-01f-geosp-Run0 - v11-01b-Run0

HCFC22 - Diff along 15S for Apr



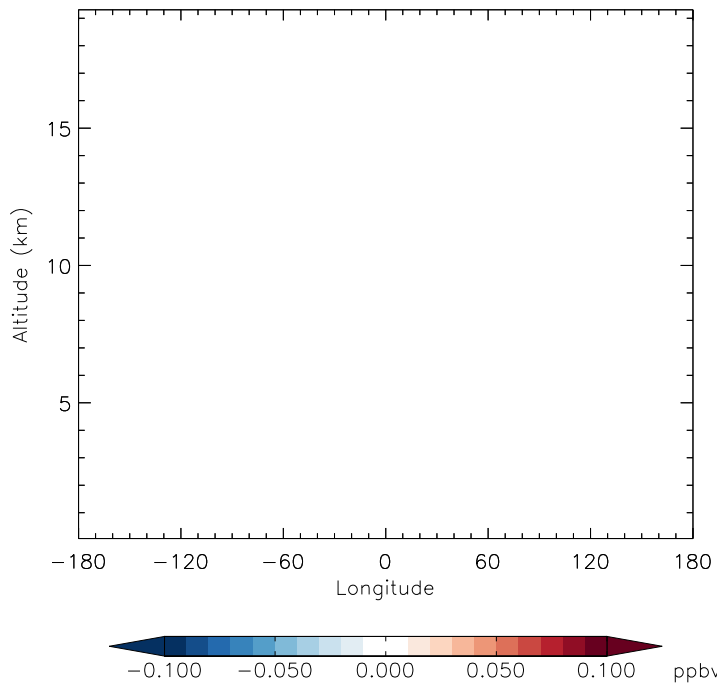
v11-01f-geosp-Run0 - v11-01b-Run0

HCFC22 - Diff along 42N for Apr

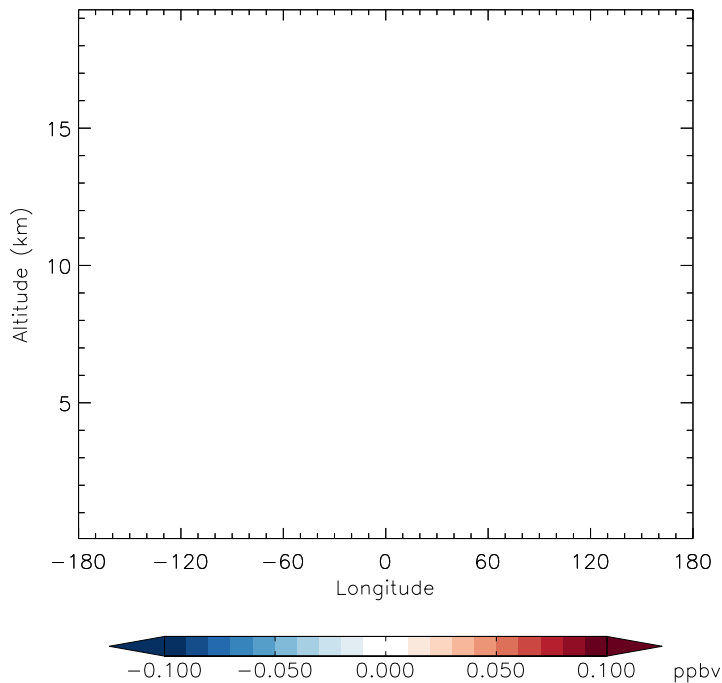


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

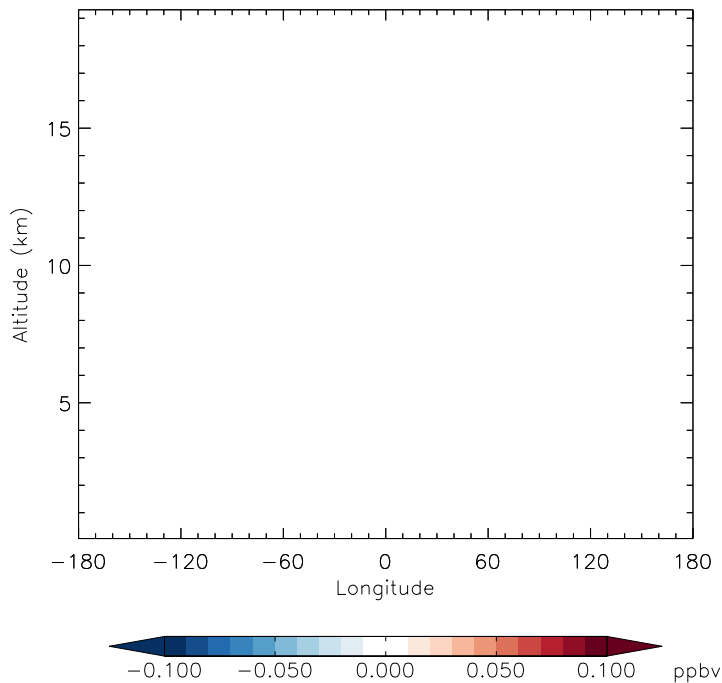
v11-01f-geosp-Run0 - v11-01d-Run1  
H1211 - Diff along 15S for Apr



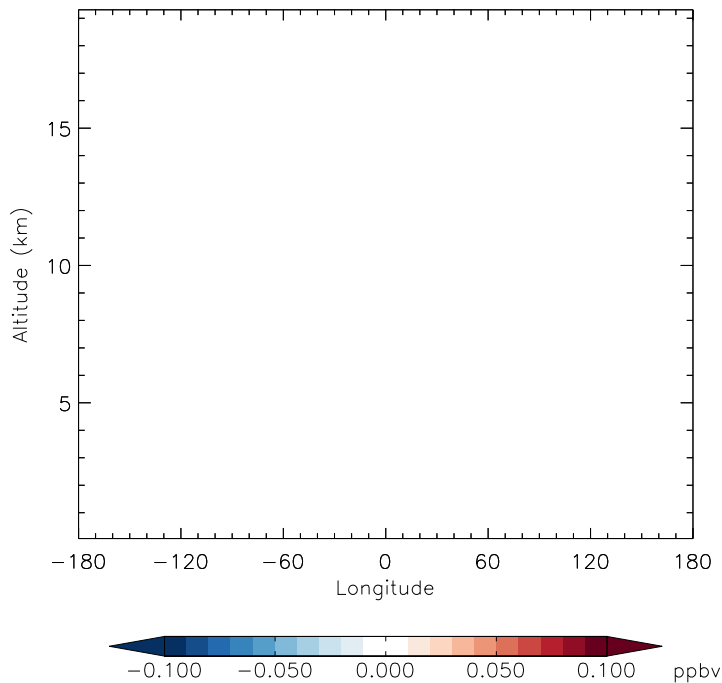
v11-01f-geosp-Run0 - v11-01d-Run1  
H1211 - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
H1211 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0  
H1211 - Diff along 42N for Apr

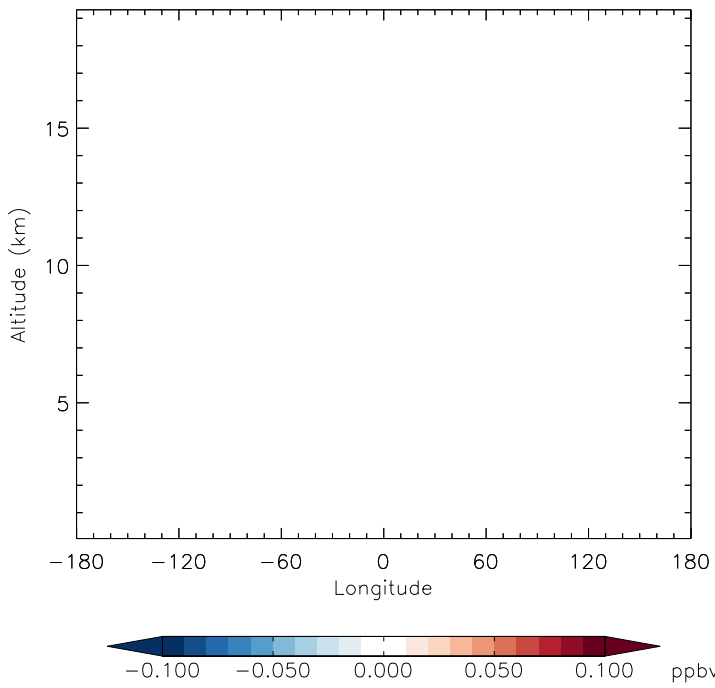




GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

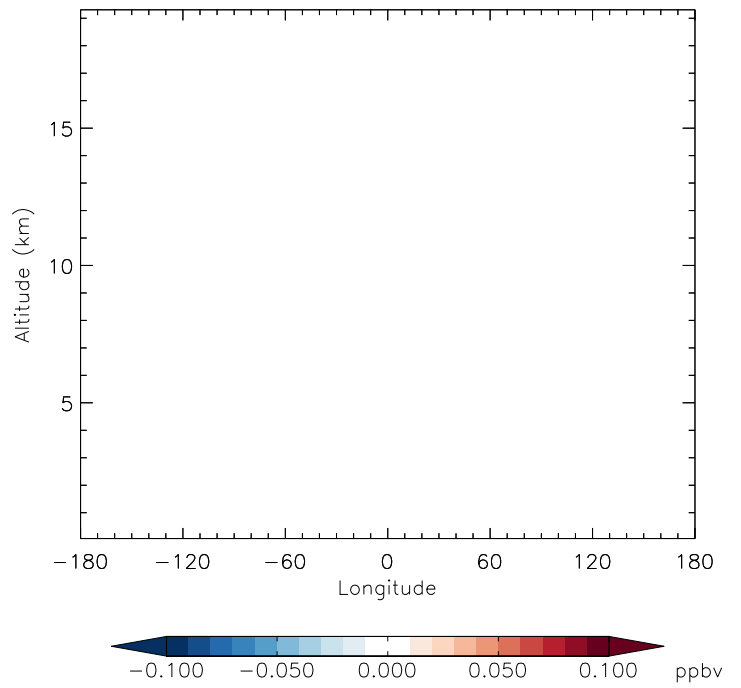
v11-01f-geosp-Run0 - v11-01d-Run1

H1301 - Diff along 15S for Apr



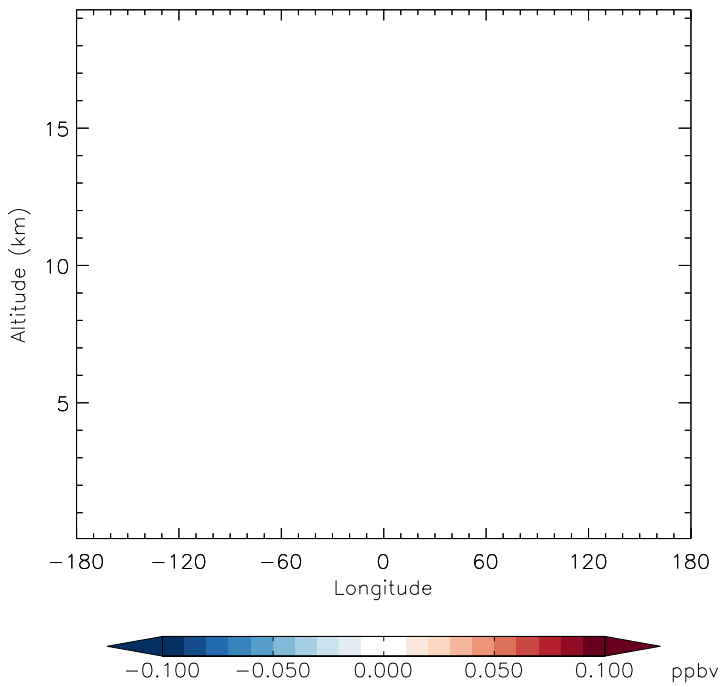
v11-01f-geosp-Run0 - v11-01d-Run1

H1301 - Diff along 42N for Apr



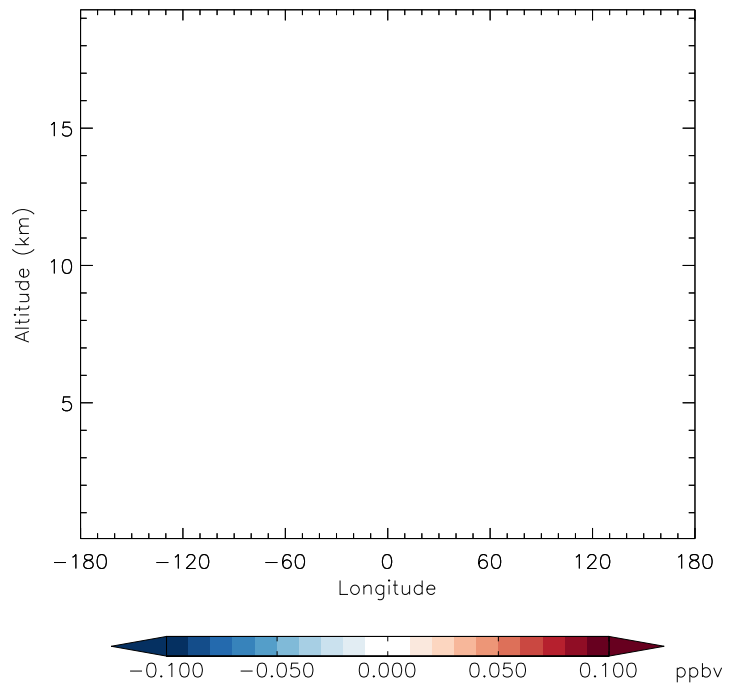
v11-01f-geosp-Run0 - v11-01b-Run0

H1301 - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

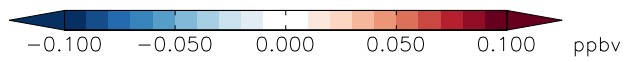
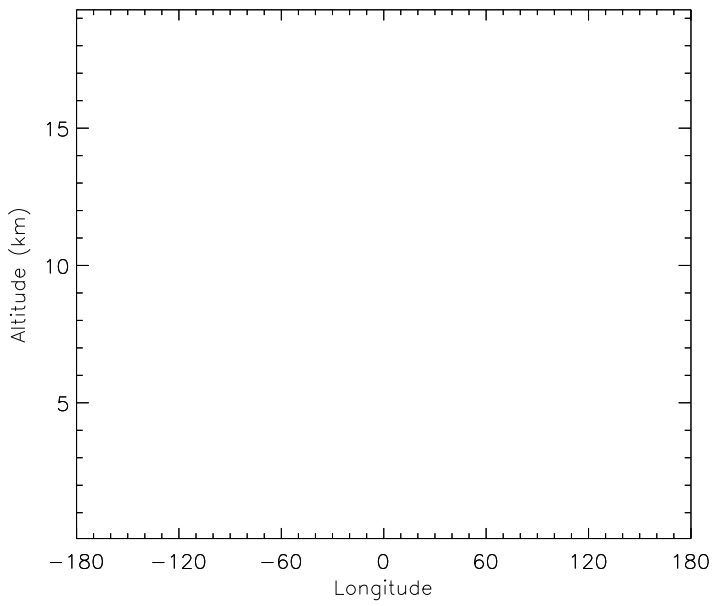
H1301 - Diff along 42N for Apr



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

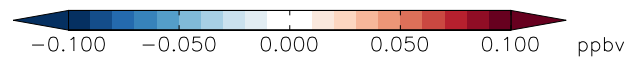
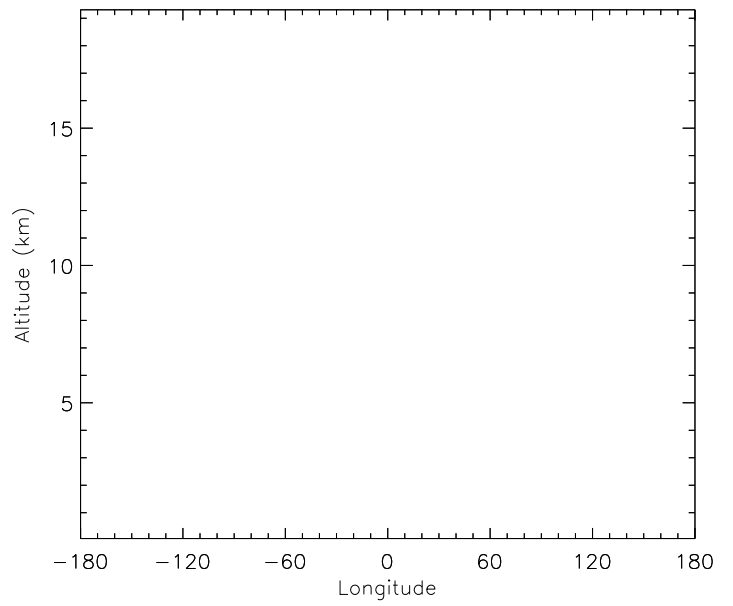
v11-01f-geosfp-Run0 - v11-01d-Run1

H2402 - Diff along 15S for Apr



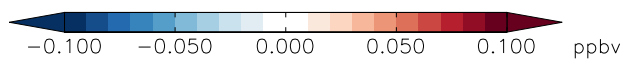
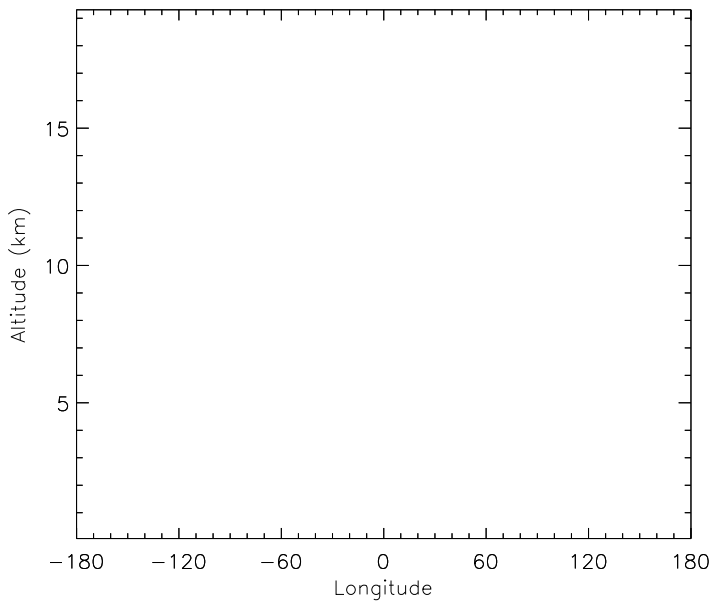
v11-01f-geosfp-Run0 - v11-01d-Run1

H2402 - Diff along 42N for Apr



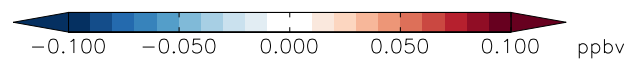
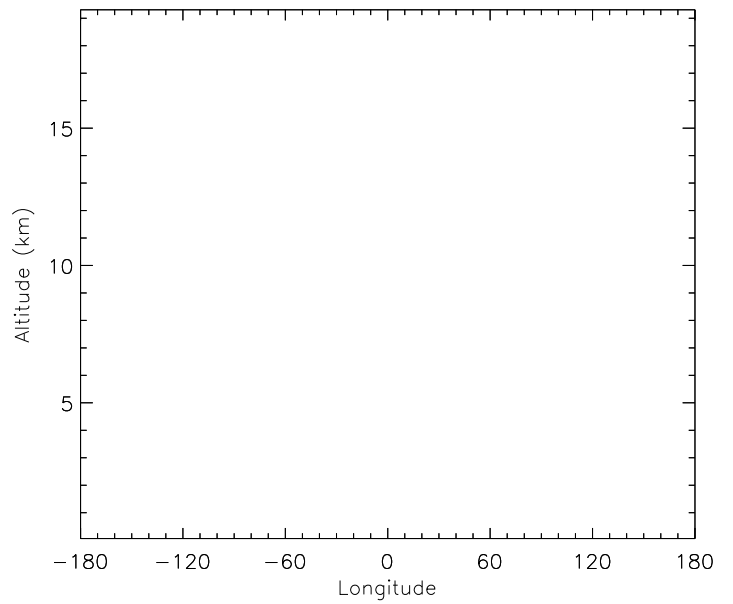
v11-01f-geosfp-Run0 - v11-01b-Run0

H2402 - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

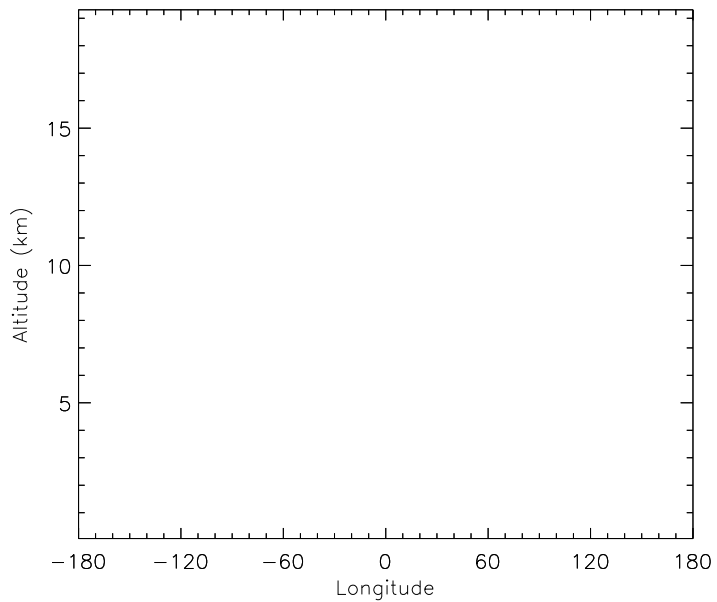
H2402 - Diff along 42N for Apr



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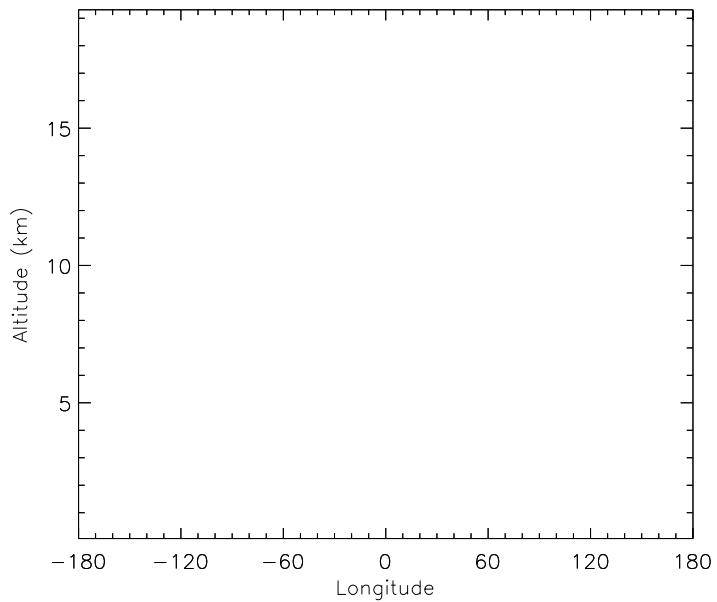
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Cl - Diff along 15S for Apr



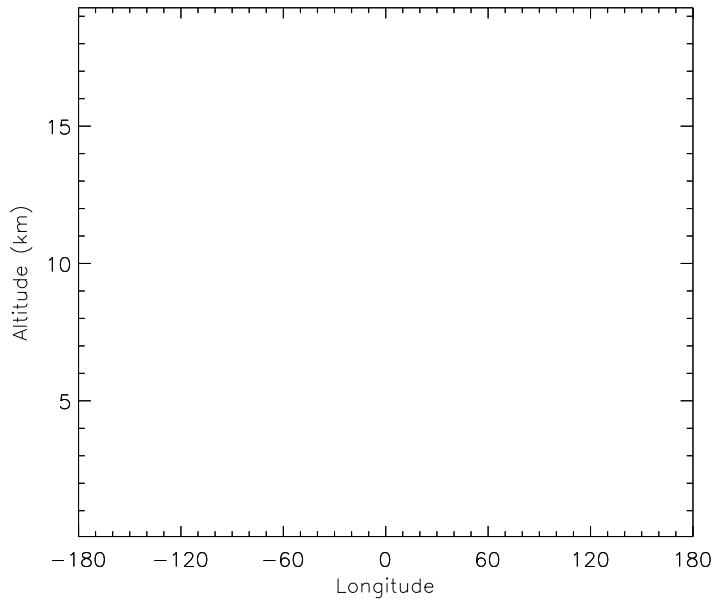
v11-01f-geosp-Run0 - v11-01d-Run1

Cl - Diff along 42N for Apr



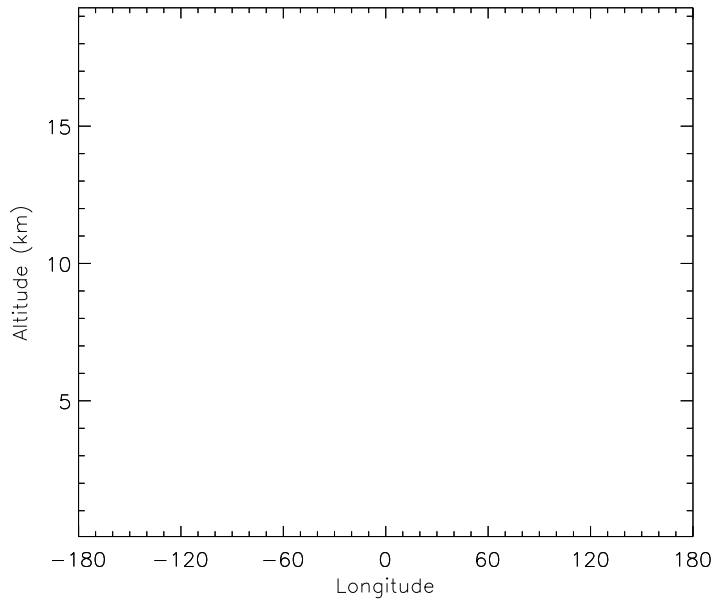
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Cl - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

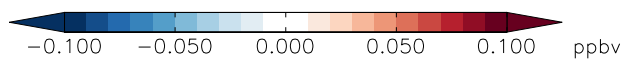
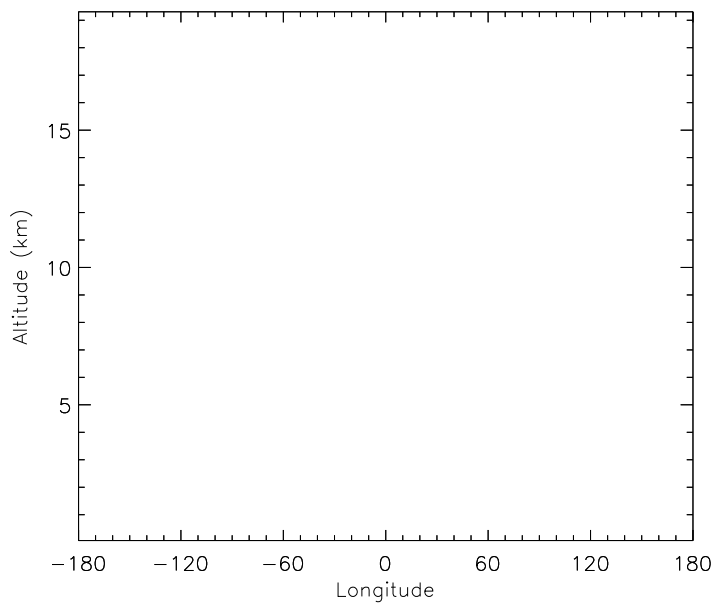
Cl - Diff along 42N for Apr



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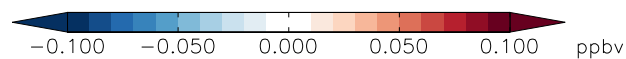
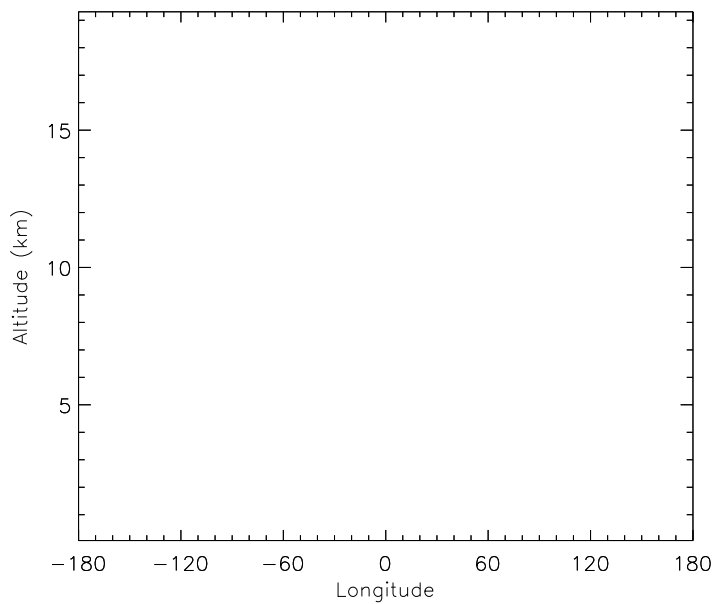
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CIO - Diff along 15S for Apr



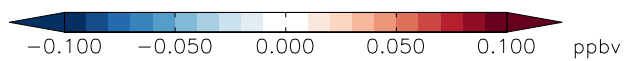
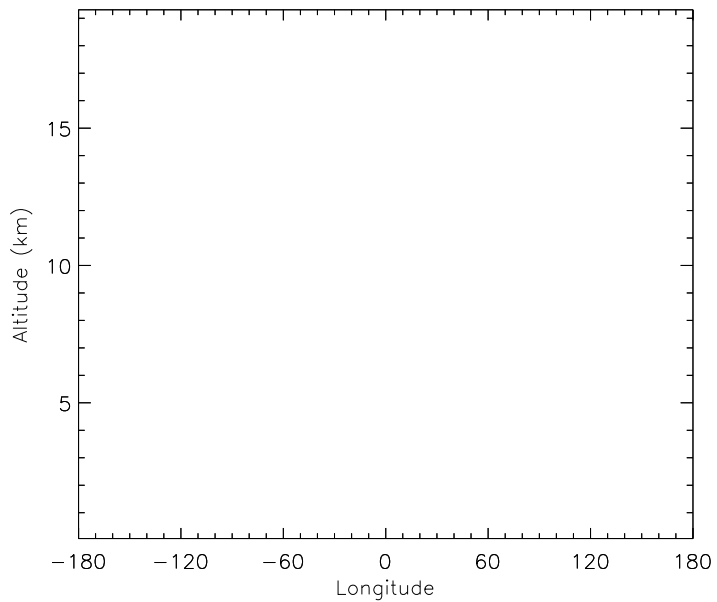
v11-01f-geosp-Run0 - v11-01d-Run1

CIO - Diff along 42N for Apr



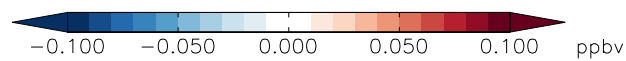
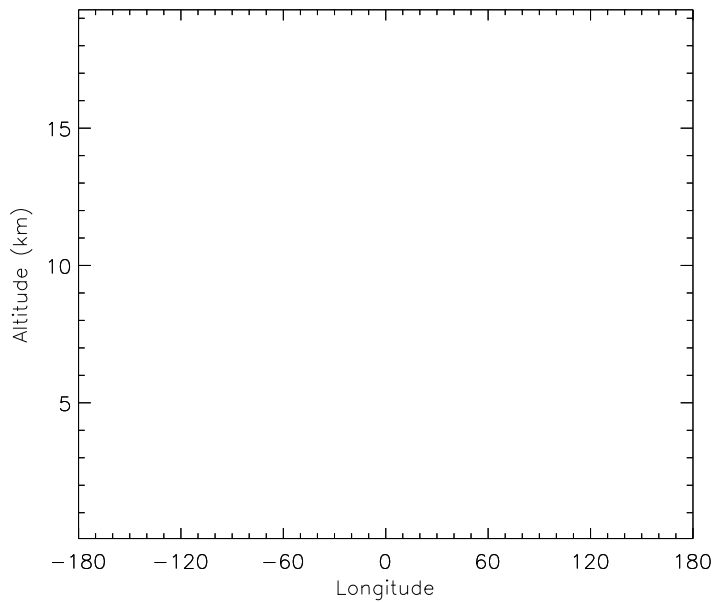
v11-01f-geosp-Run0 - v11-01b-Run0

CIO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

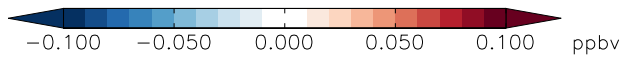
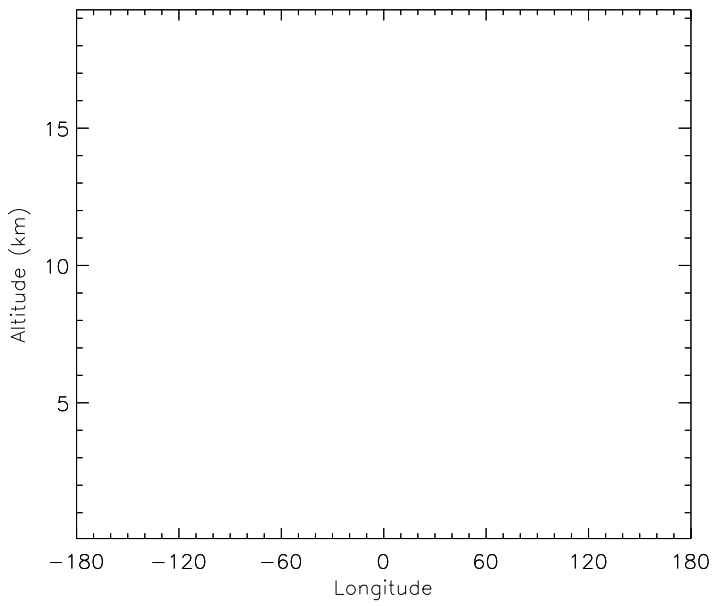
CIO - Diff along 42N for Apr



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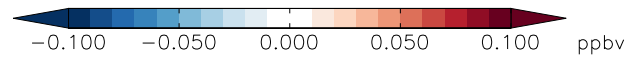
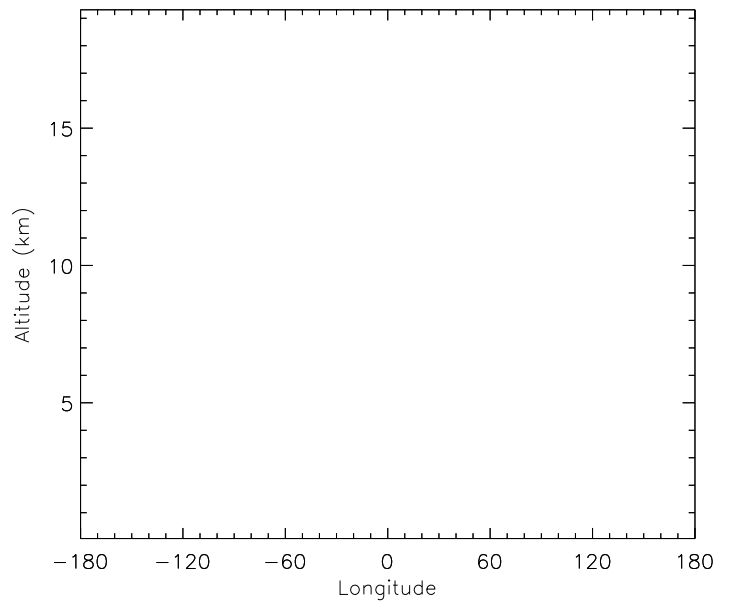
v11-01f-geosp-Run0 - v11-01d-Run1

HOCl - Diff along 15S for Apr



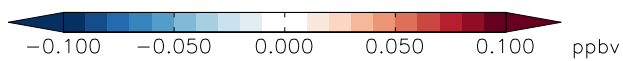
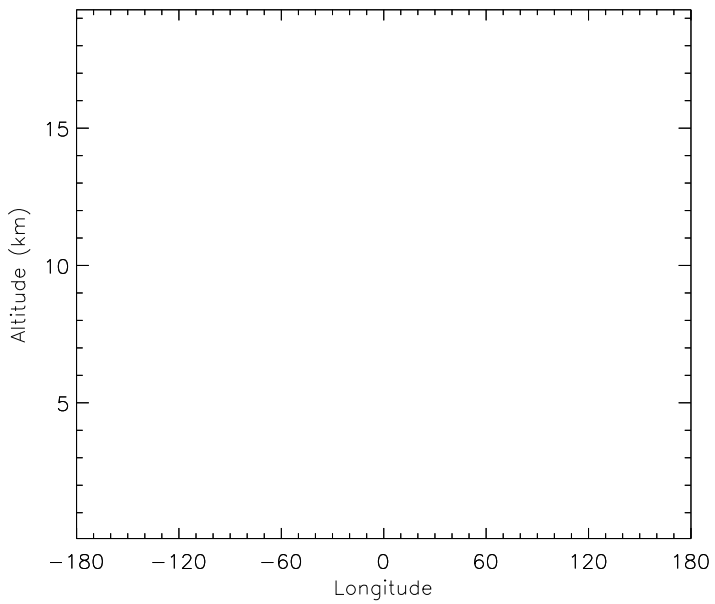
v11-01f-geosp-Run0 - v11-01d-Run1

HOCl - Diff along 42N for Apr



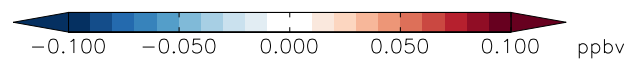
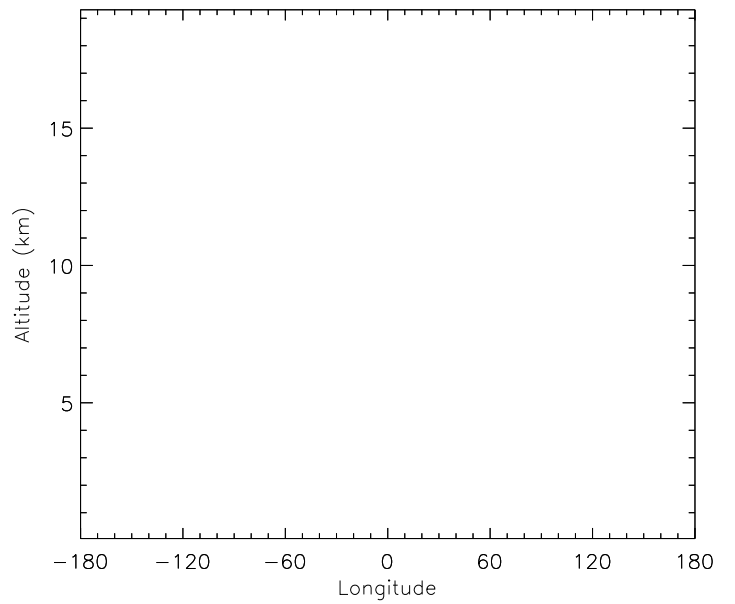
v11-01f-geosp-Run0 - v11-01b-Run0

HOCl - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

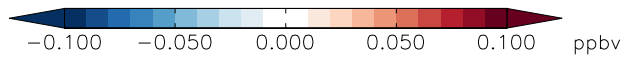
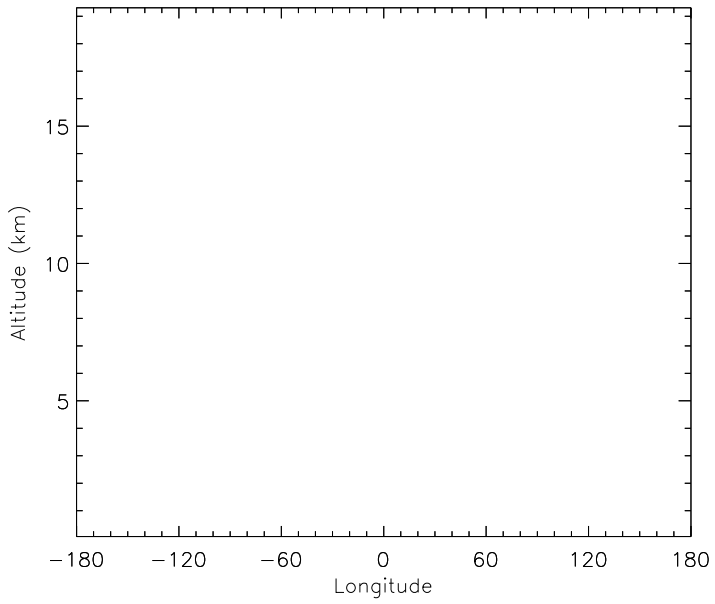
HOCl - Diff along 42N for Apr



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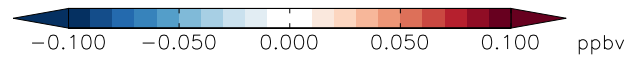
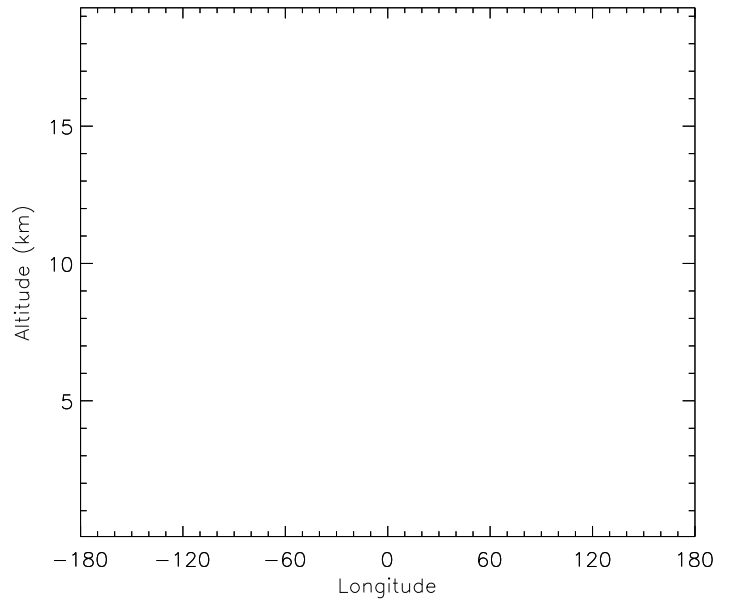
v11-01f-geosfp-Run0 - v11-01d-Run1

CINO3 - Diff along 15S for Apr



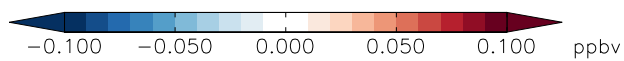
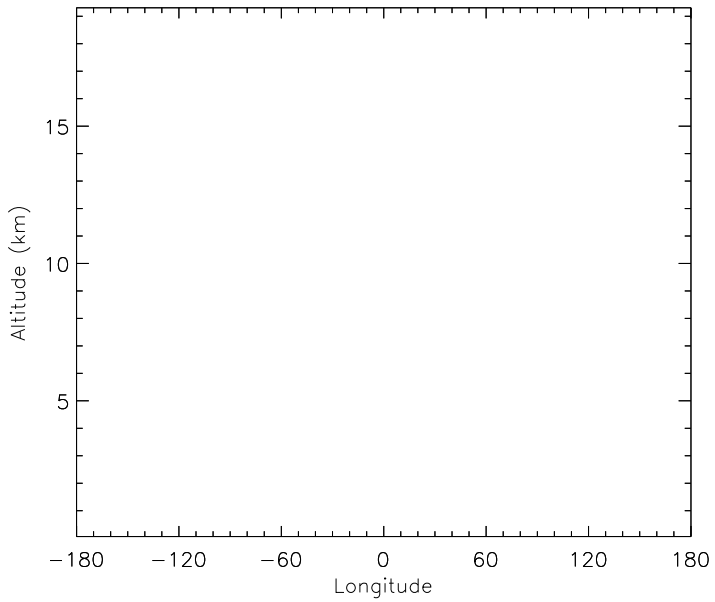
v11-01f-geosfp-Run0 - v11-01d-Run1

CINO3 - Diff along 42N for Apr



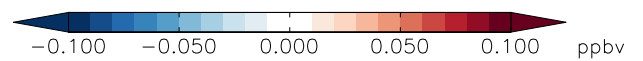
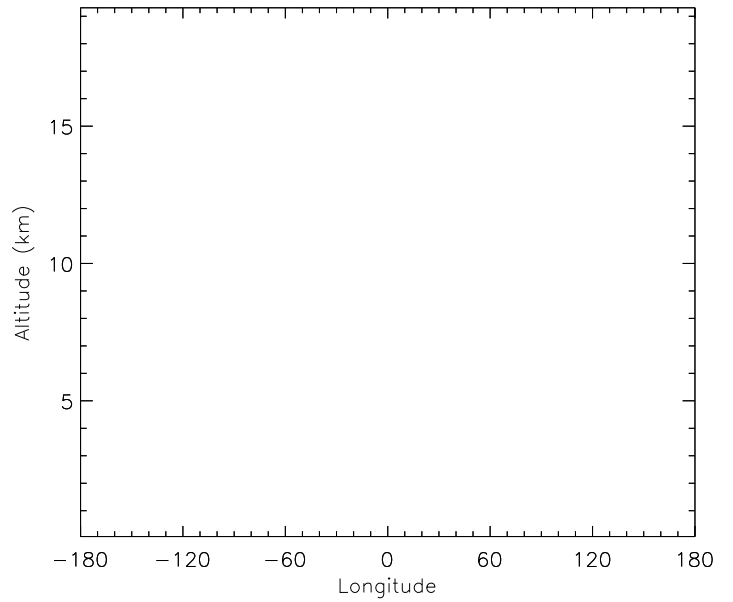
v11-01f-geosfp-Run0 - v11-01b-Run0

CINO3 - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

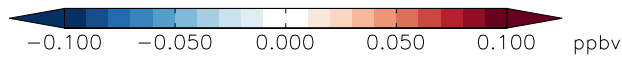
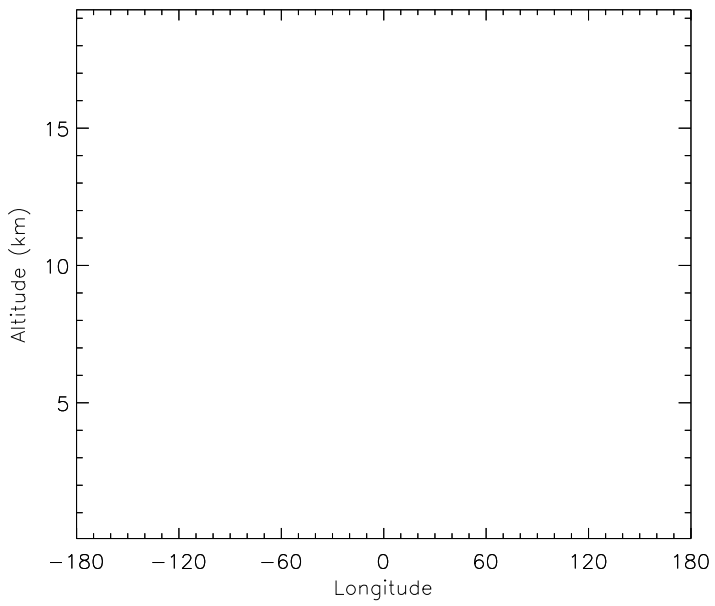
CINO3 - Diff along 42N for Apr



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

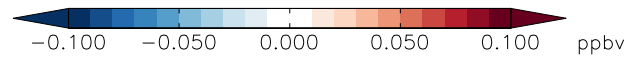
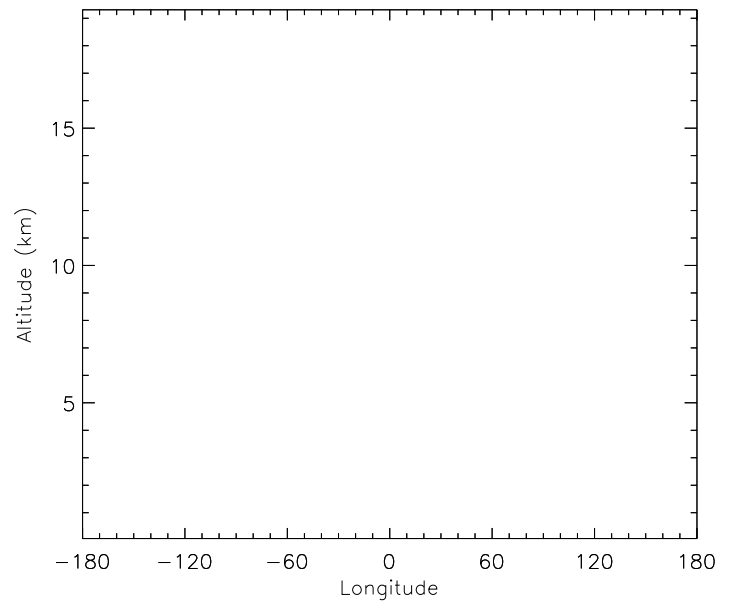
v11-01f-geosfp-Run0 - v11-01d-Run1

CINO2 - Diff along 15S for Apr



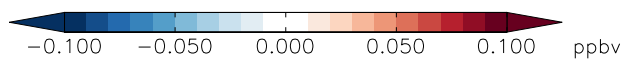
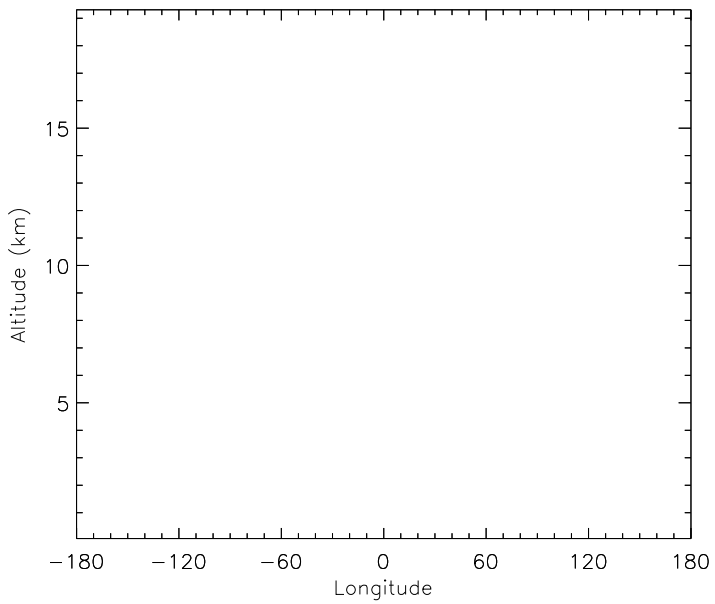
v11-01f-geosfp-Run0 - v11-01d-Run1

CINO2 - Diff along 42N for Apr



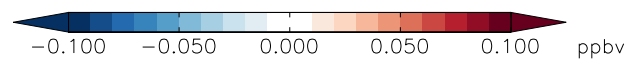
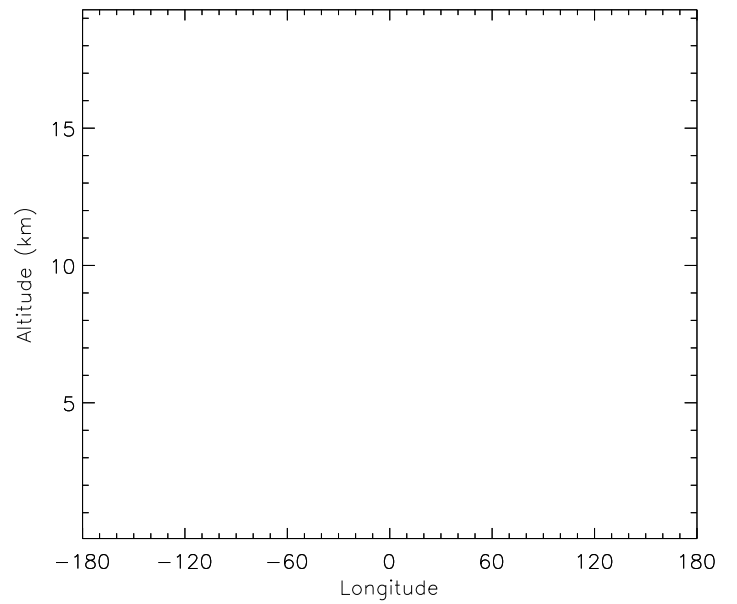
v11-01f-geosfp-Run0 - v11-01b-Run0

CINO2 - Diff along 15S for Apr



v11-01f-geosfp-Run0 - v11-01b-Run0

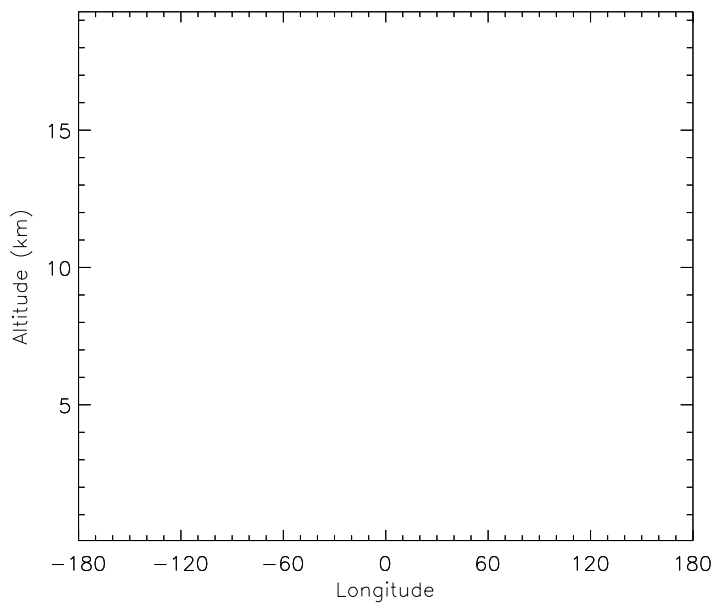
CINO2 - Diff along 42N for Apr



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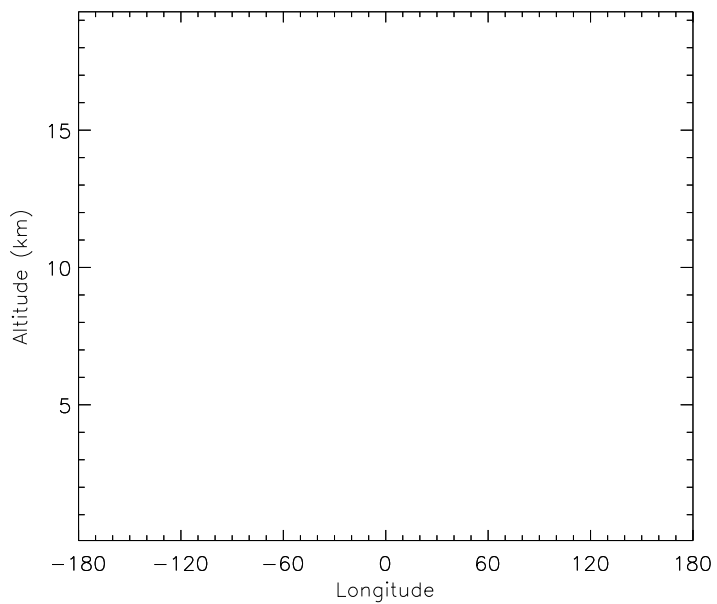
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ClOO - Diff along 15S for Apr



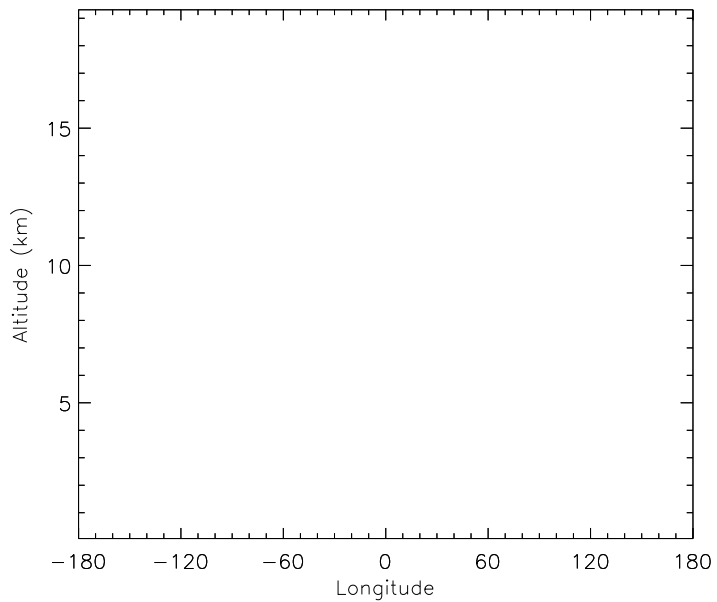
v11-01f-geosp-Run0 - v11-01d-Run1

ClOO - Diff along 42N for Apr



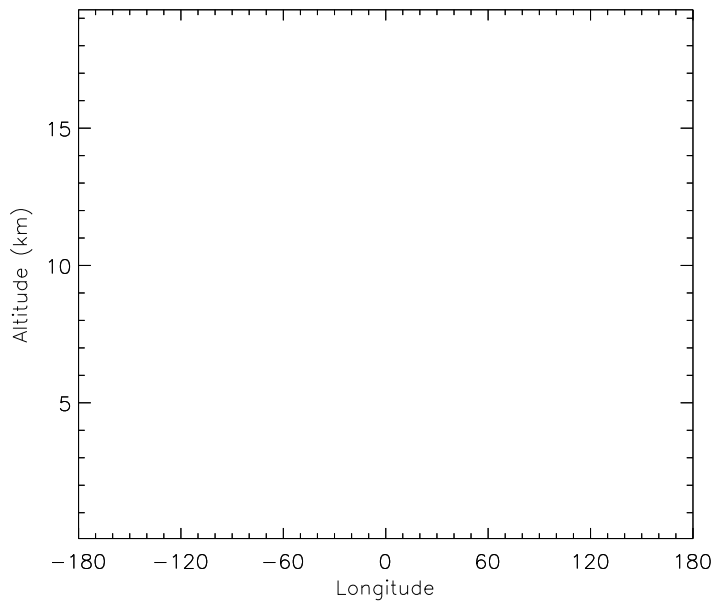
v11-01f-geosp-Run0 - v11-01b-Run0

ClOO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

ClOO - Diff along 42N for Apr

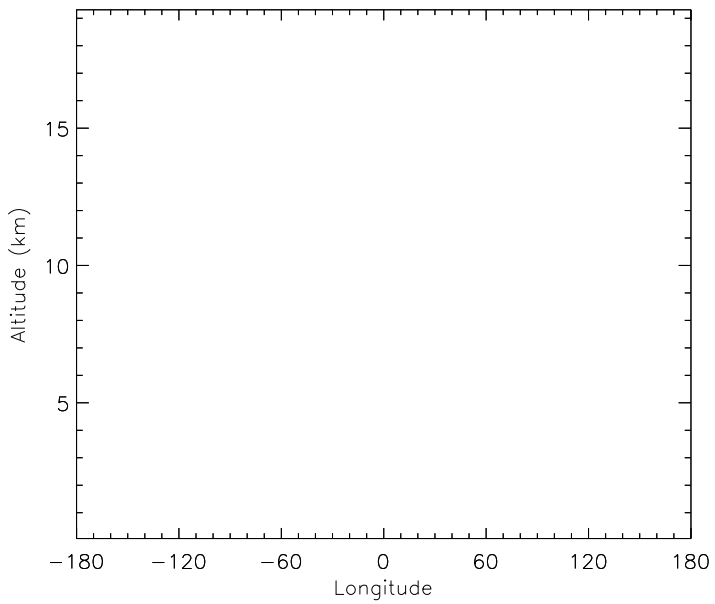




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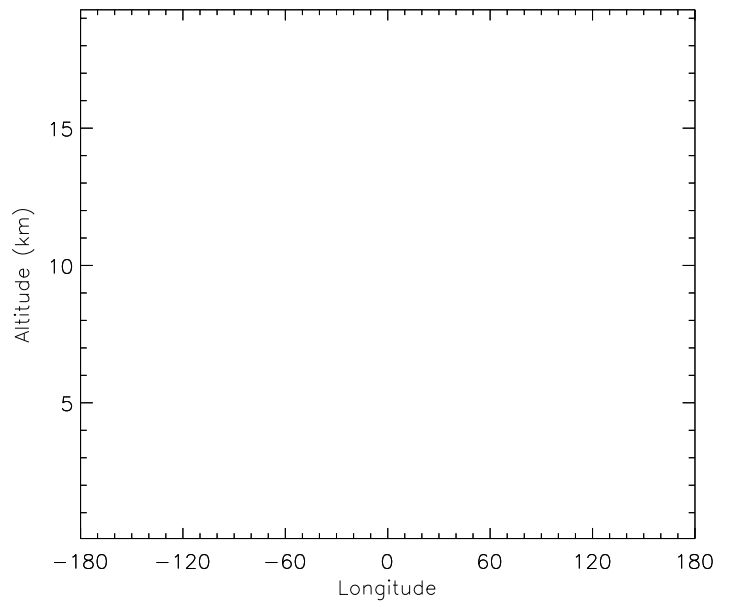
v11-01f-geosp-Run0 - v11-01d-Run1

OCIO - Diff along 15S for Apr



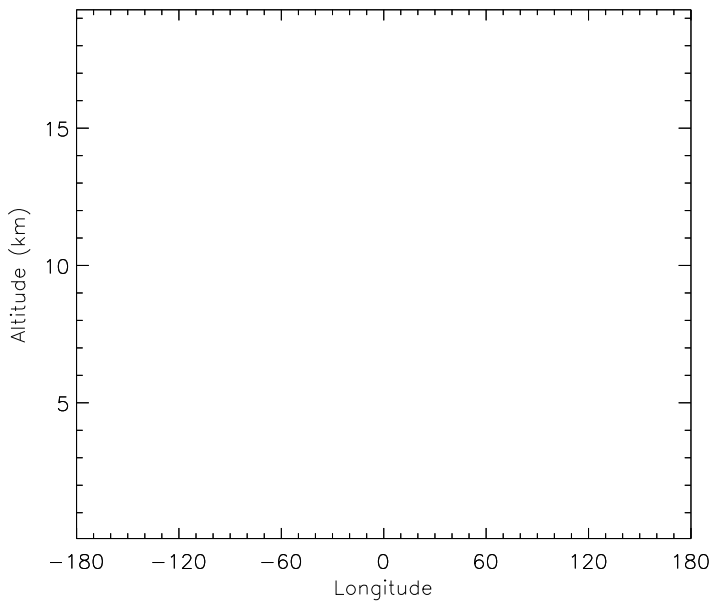
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OCIO - Diff along 42N for Apr



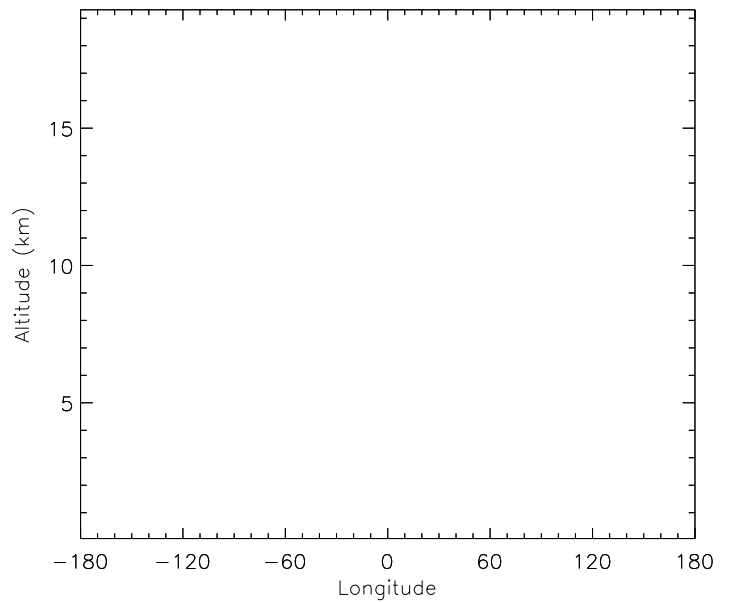
v11-01f-geosp-Run0 - v11-01b-Run0

OCIO - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

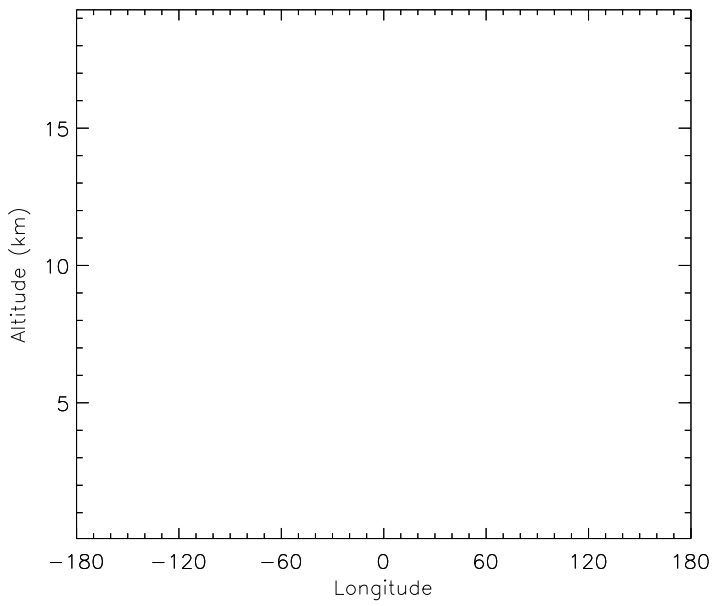
OCIO - Diff along 42N for Apr



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

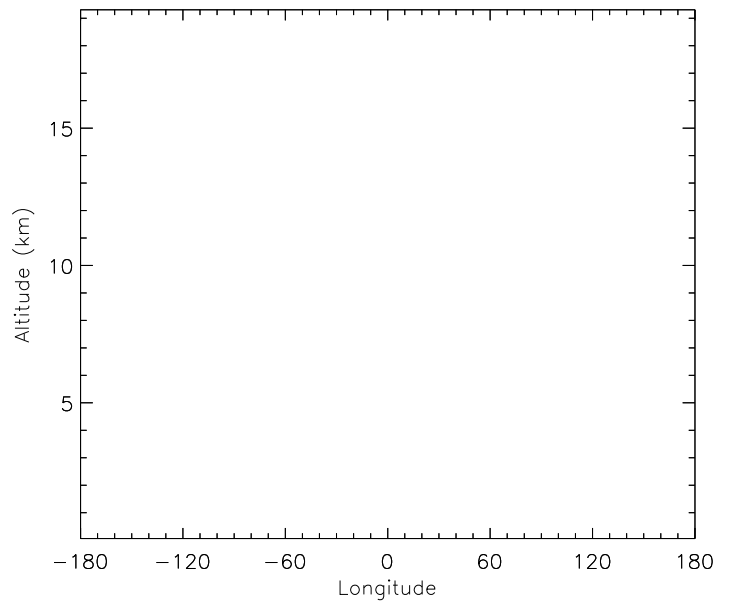
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Cl<sub>2</sub> - Diff along 15S for Apr



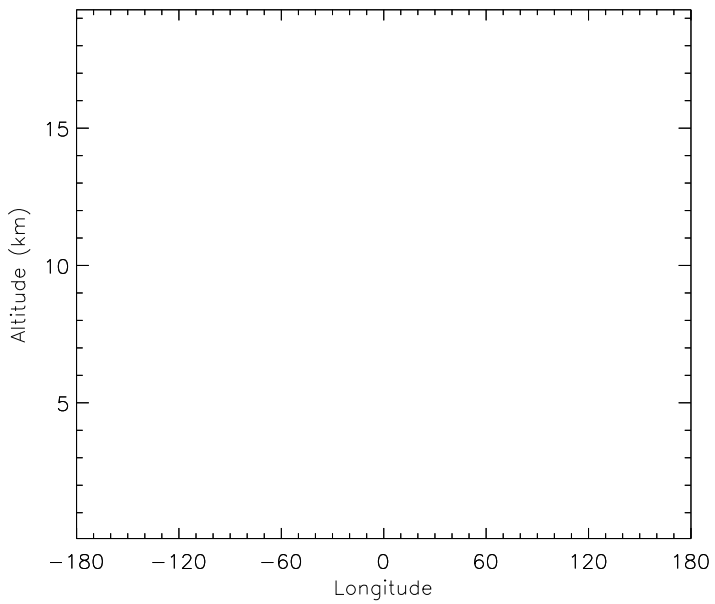
v11-01f-geosp-Run0 - v11-01d-Run1

Cl<sub>2</sub> - Diff along 42N for Apr



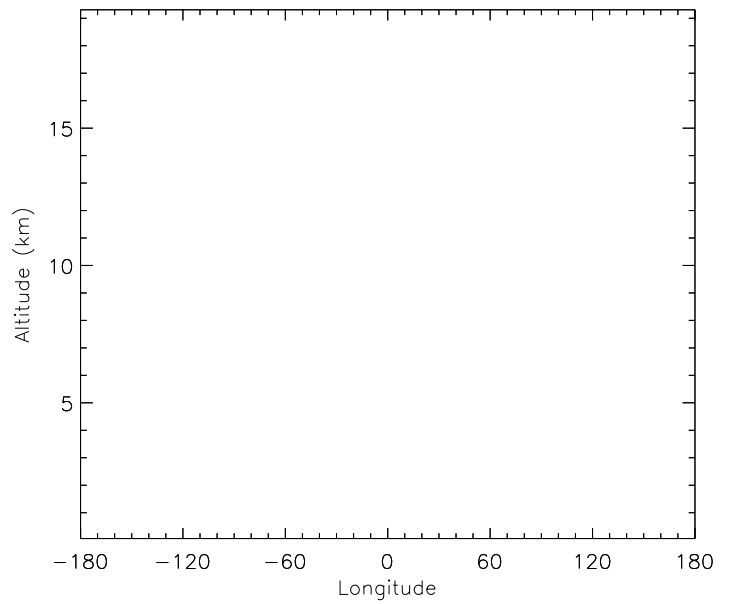
v11-01f-geosp-Run0 - v11-01b-Run0

Cl<sub>2</sub> - Diff along 15S for Apr



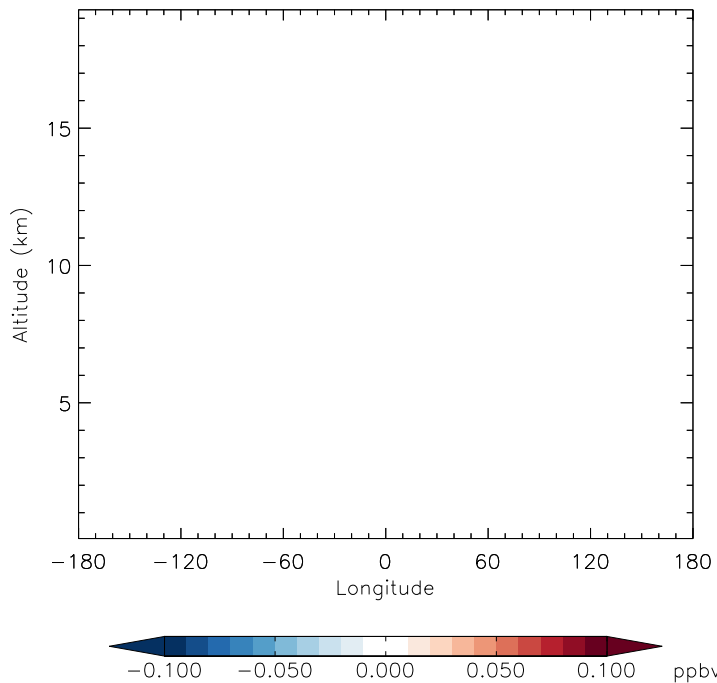
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Cl<sub>2</sub> - Diff along 42N for Apr

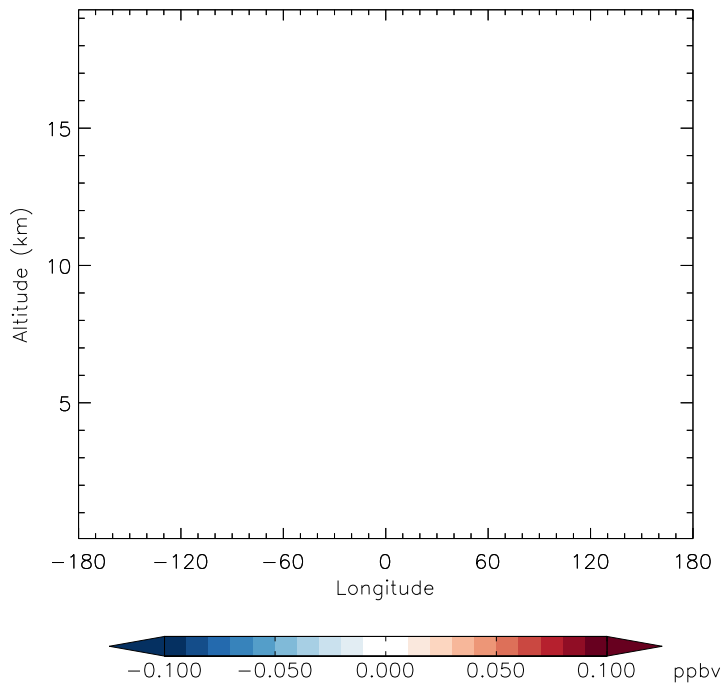


GEOS-Chem Longitudinal Difference Profiles at 15S and 42N

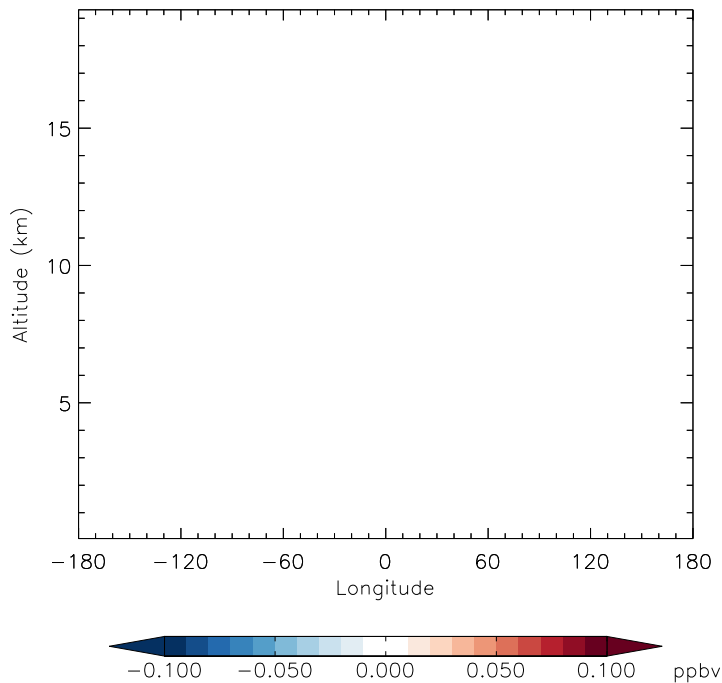
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Cl2O2 - Diff along 15S for Apr



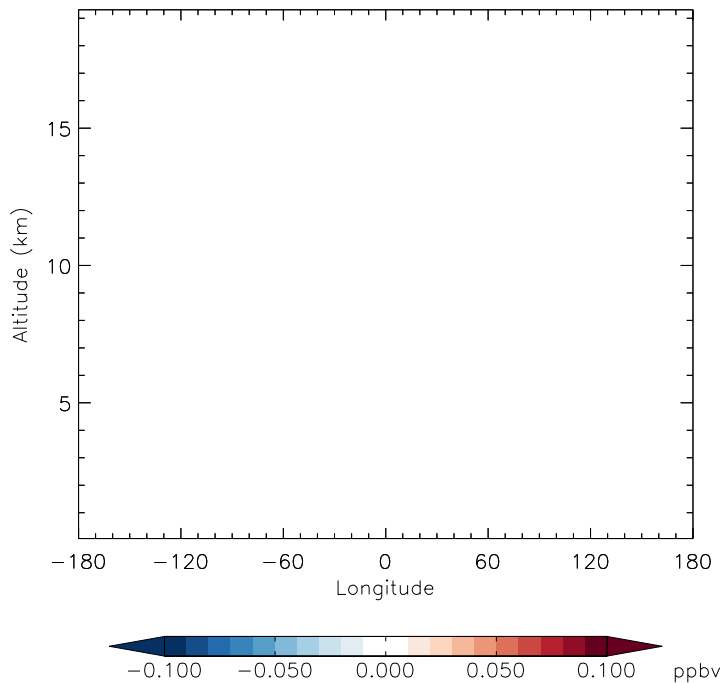
v11-01f-geosp-Run0 - v11-01d-Run1  
Cl2O2 - Diff along 42N for Apr



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Cl2O2 - Diff along 15S for Apr



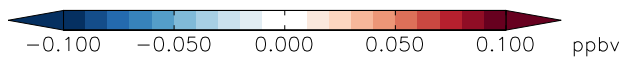
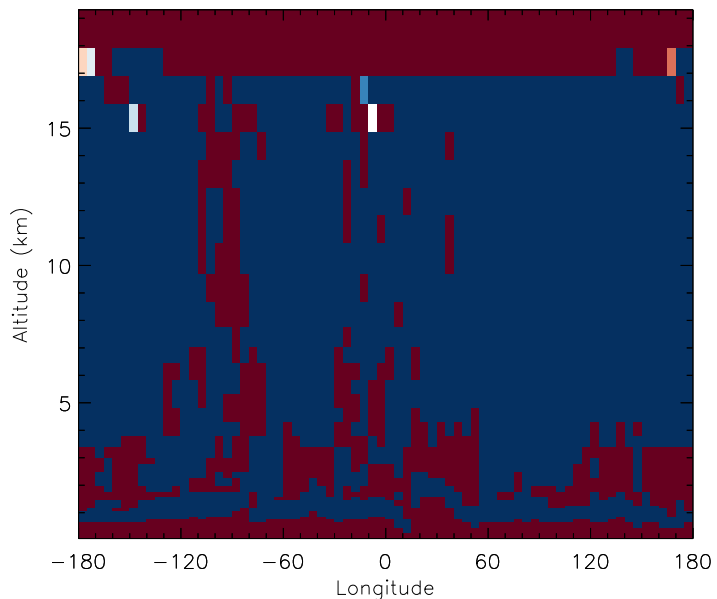
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Cl2O2 - Diff along 42N for Apr



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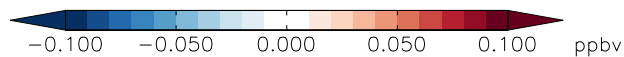
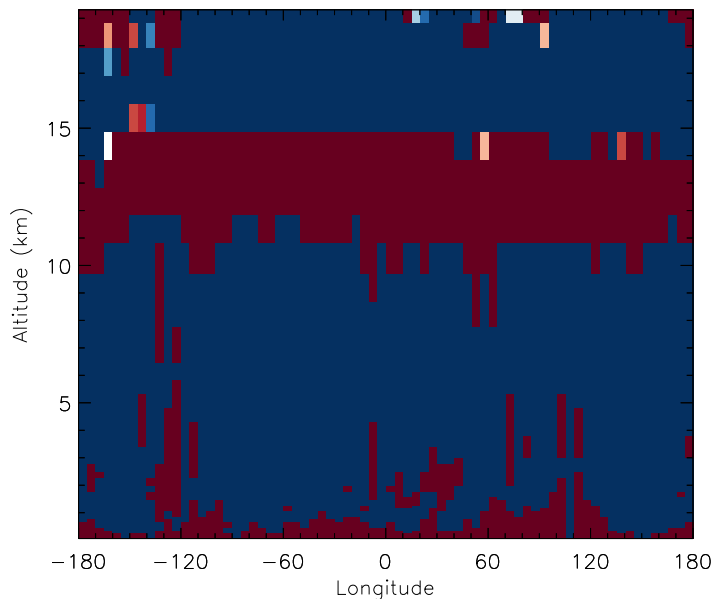
v11-01f-geosp-Run0 - v11-01d-Run1

H<sub>2</sub>O - Diff along 15S for Apr



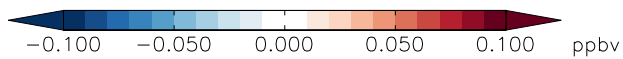
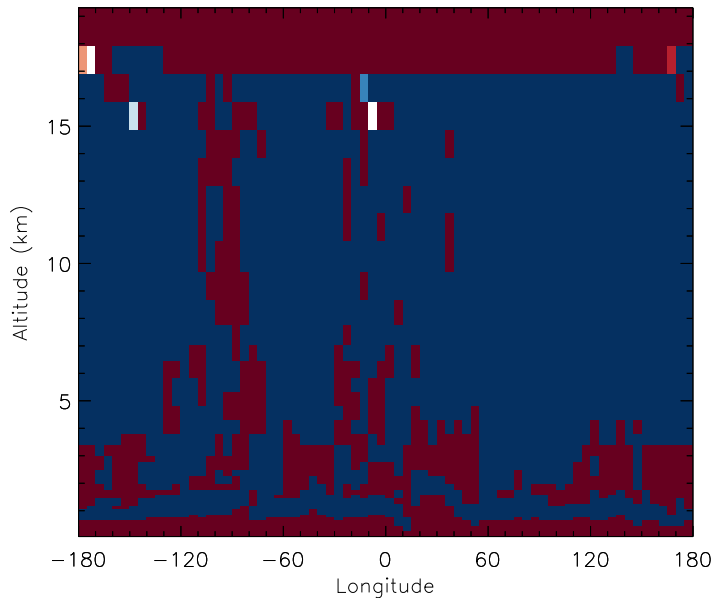
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H<sub>2</sub>O - Diff along 42N for Apr



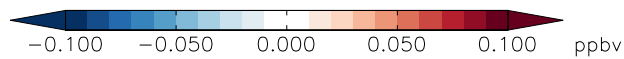
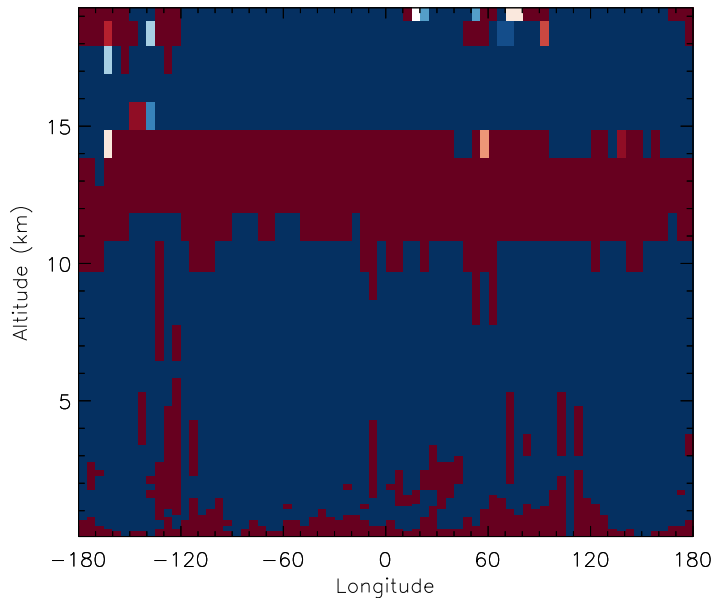
v11-01f-geosp-Run0 - v11-01b-Run0

H<sub>2</sub>O - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

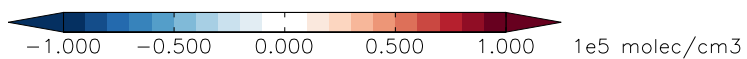
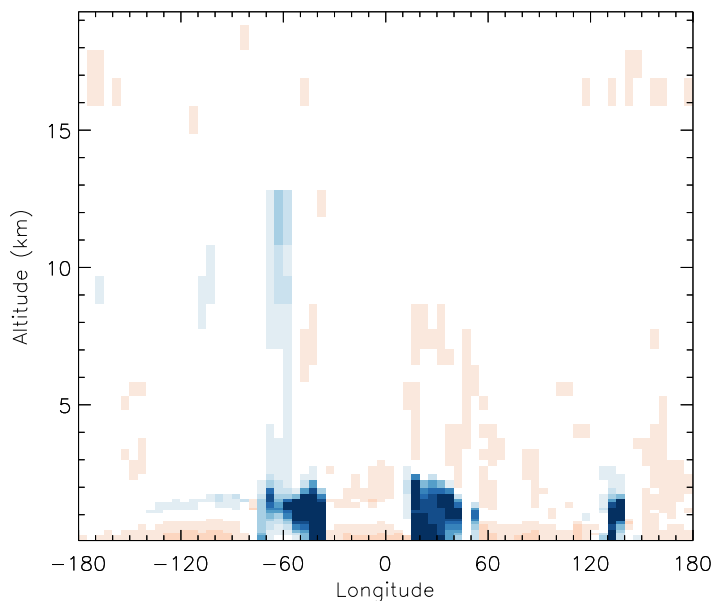
H<sub>2</sub>O - Diff along 42N for Apr



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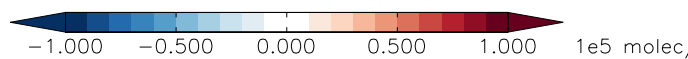
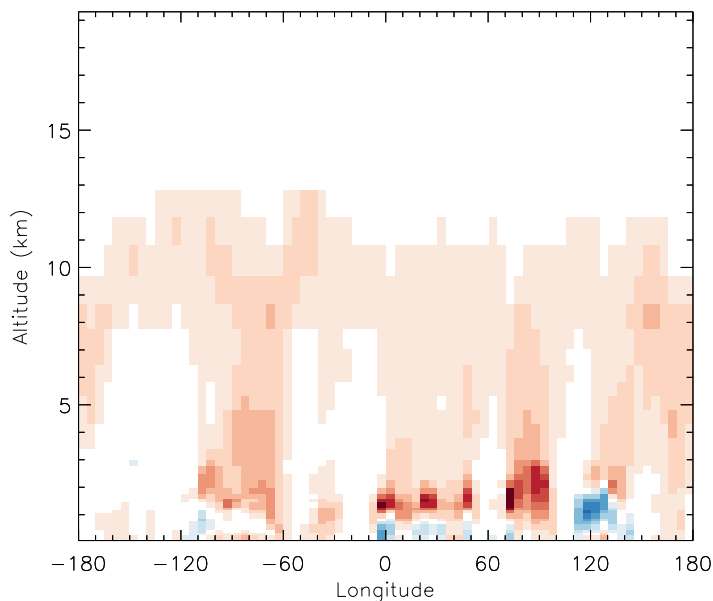
v11-01f-geosp-Run0 - v11-01d-Run1

OH - Diff along 15S for Apr



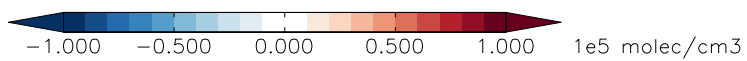
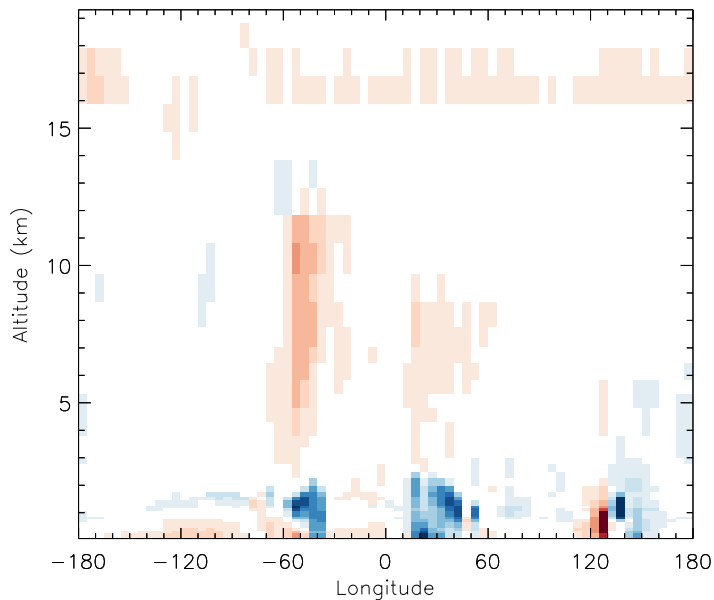
v11-01f-geosp-Run0 - v11-01d-Run1

OH - Diff along 42N for Apr



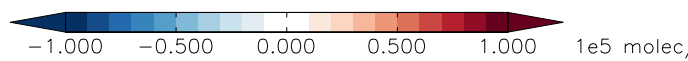
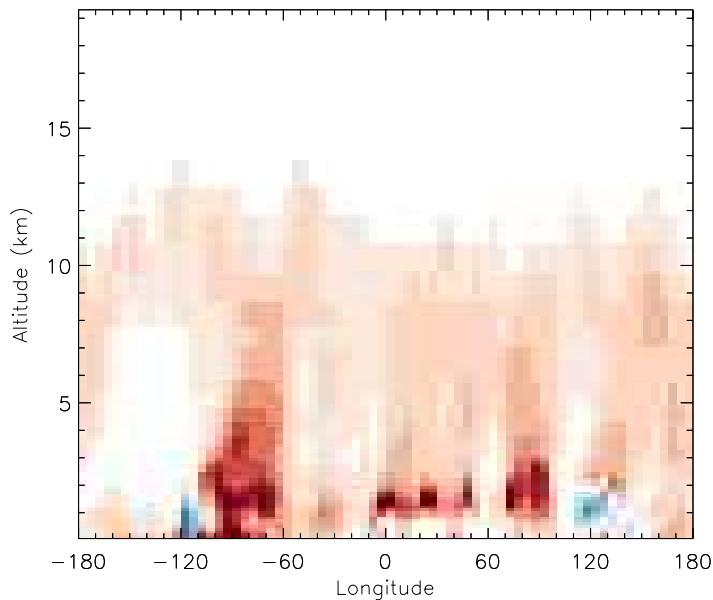
v11-01f-geosp-Run0 - v11-01b-Run0

OH - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

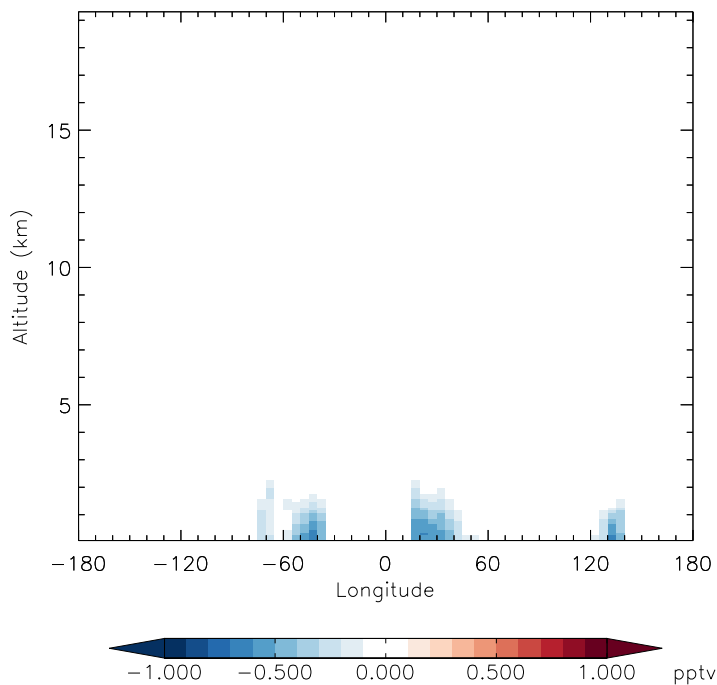
OH - Diff along 42N for Apr



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

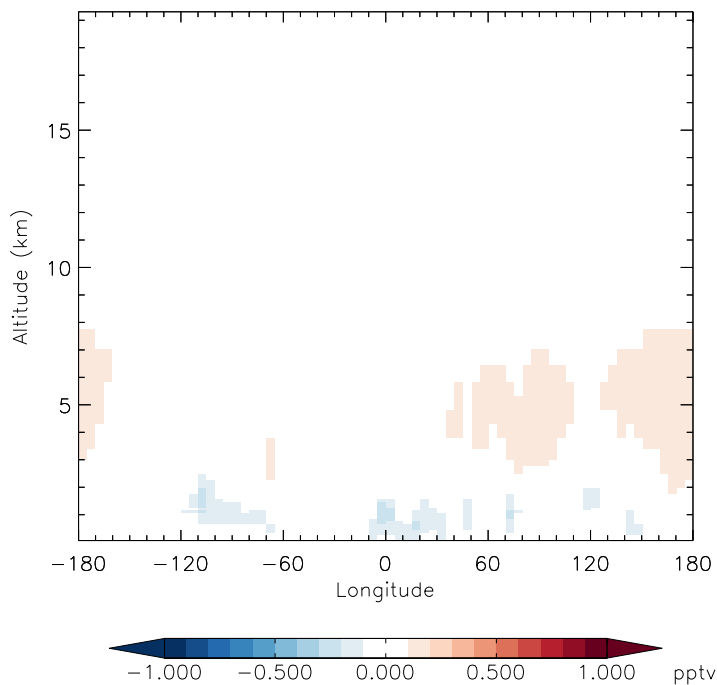
v11-01f-geosp-Run0 - v11-01d-Run1

H<sub>2</sub>O<sub>2</sub> - Diff along 15S for Apr



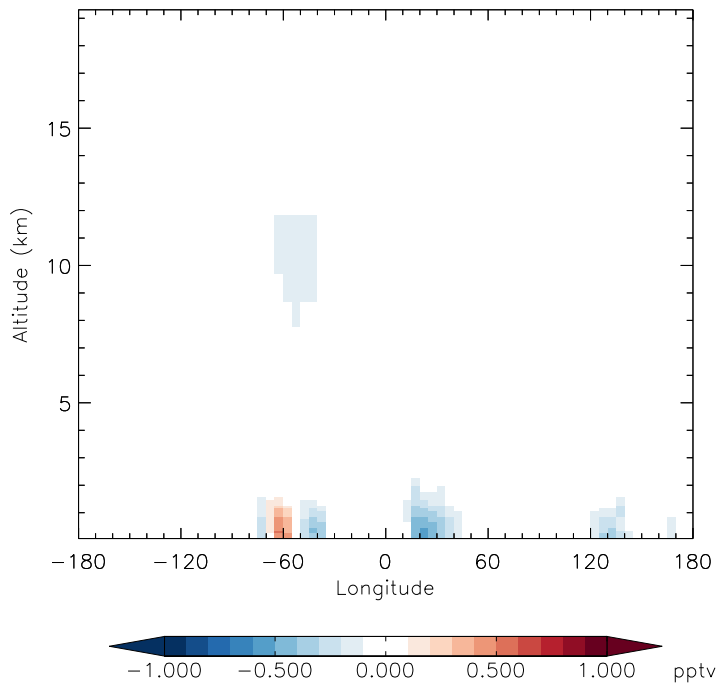
v11-01f-geosp-Run0 - v11-01d-Run1

H<sub>2</sub>O<sub>2</sub> - Diff along 42N for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

H<sub>2</sub>O<sub>2</sub> - Diff along 15S for Apr



v11-01f-geosp-Run0 - v11-01b-Run0

H<sub>2</sub>O<sub>2</sub> - Diff along 42N for Apr

