# GEOS-Chem v9-02n Zonal mean and curtain at 180E

## ctm.bpch.v9-02n

Tracer Curtain Zonal mean – NO

Tracer Curtain @      -180.000 – NO



0.0000     2.5623     5.1247     7.6870  ppbv

0.0000     2.5623     5.1247     7.6870  ppbv
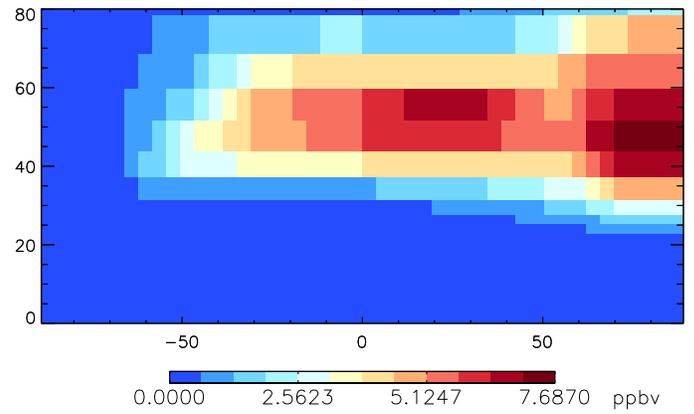
Tracer Curtain Zonal mean – O3

Tracer Curtain @      -180.000 – O3



12.6035   3021.9229   6031.2422   9040.5615 ppbv

11.8534   3020.4958   6029.1387   9037.7812 ppbv
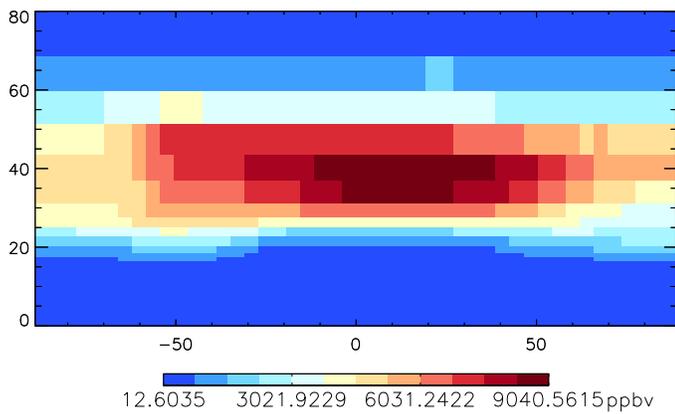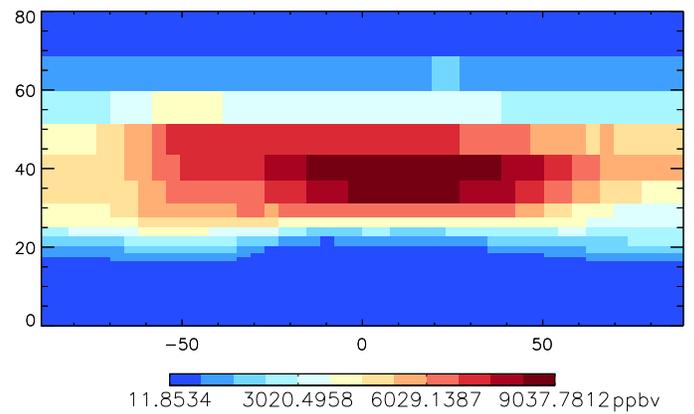
Tracer Curtain Zonal mean – PAN

Tracer Curtain @      -180.000 – PAN
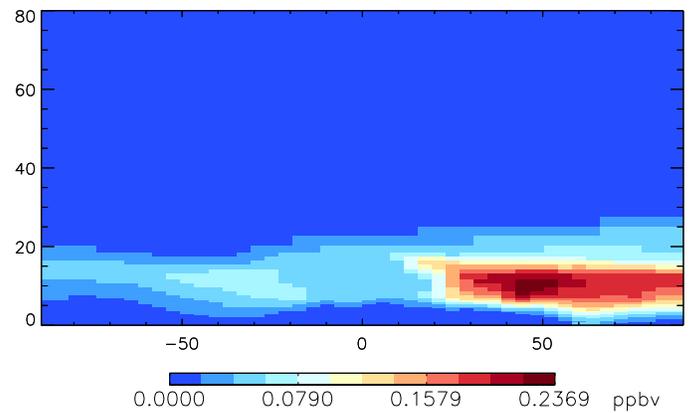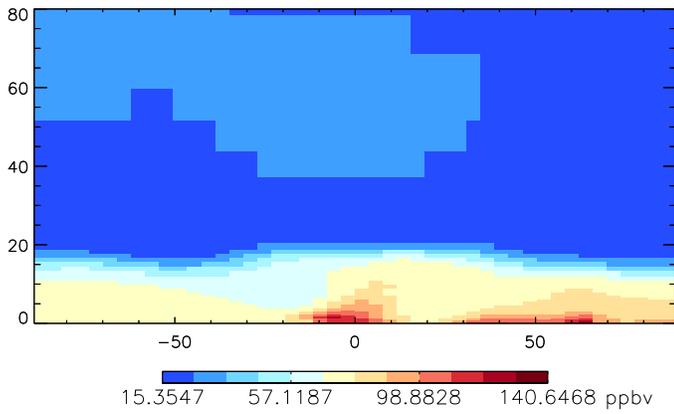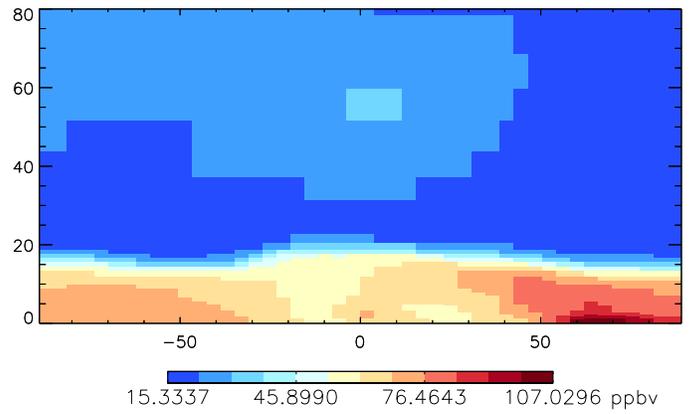


0.0000     0.0782     0.1564     0.2347  ppbv

0.0000     0.0790     0.1579     0.2369  ppbv

# GEOS−Chem v9−02n Zonal mean and curtain at 180E

## ctm.bpch.v9−02n

### Tracer Curtain Zonal mean − CO



15.3547  57.1187  98.8828  140.6468 ppbv

### Tracer Curtain @      −180.000 − CO



15.3337  45.8990  76.4643  107.0296 ppbv

### Tracer Curtain Zonal mean − ALK4



0.0000  0.5483  1.0966  1.6449  ppbC

### Tracer Curtain @      −180.000 − ALK4



0.0000  0.1445  0.2891  0.4336  ppbC

### Tracer Curtain Zonal mean − ISOP



0.0000  1.5895  3.1790  4.7686  ppbC

### Tracer Curtain @      −180.000 − ISOP



0.0000  0.2801  0.5603  0.8404  ppbC

GEOS–Chem v9–02n Zonal mean and curtain at 180E

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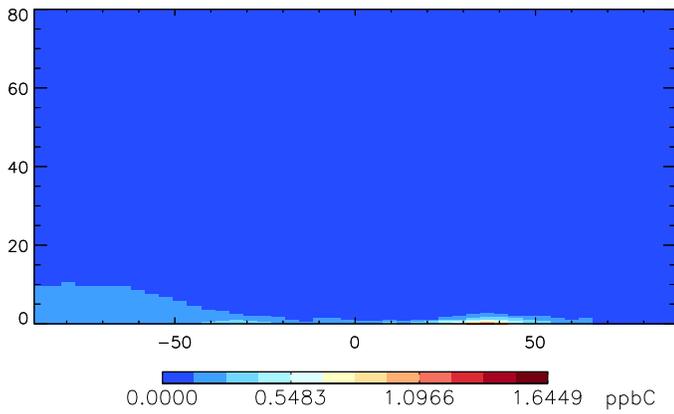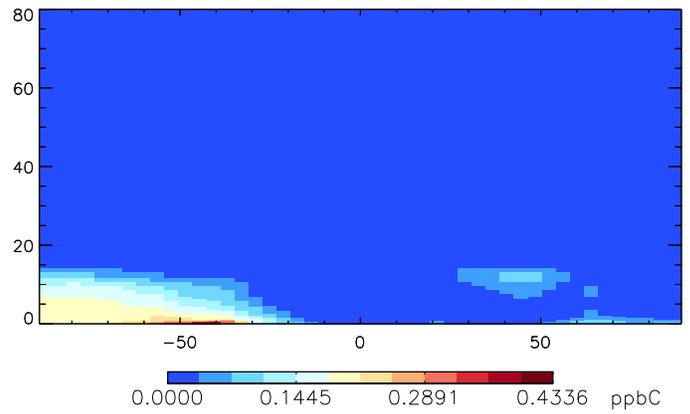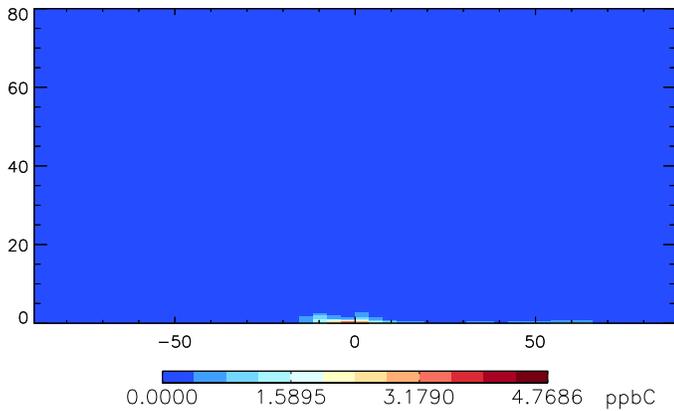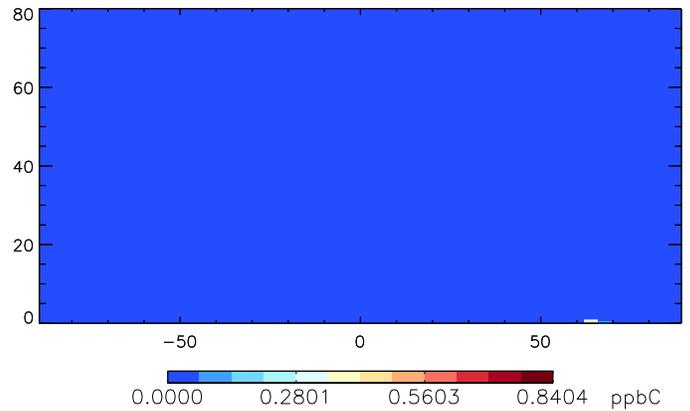
Tracer Curtain Zonal mean – HNO3

Tracer Curtain @      –180.000 – HNO3

0.0000    4.3641    8.7283    13.0924  ppbv

0.0000    4.3641    8.7283    13.0924  ppbv
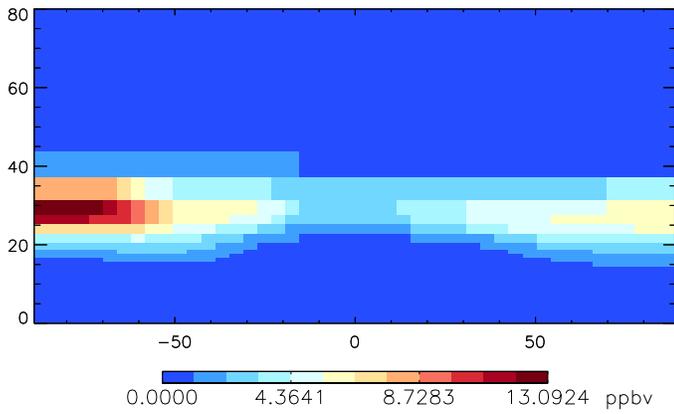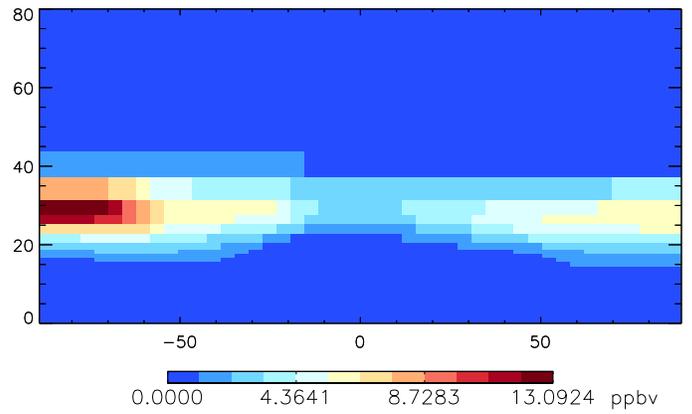
Tracer Curtain Zonal mean – H2O2

Tracer Curtain @      –180.000 – H2O2

0.0018    0.6831    1.3645    2.0459  ppbv

0.0017    0.5316    1.0614    1.5912  ppbv
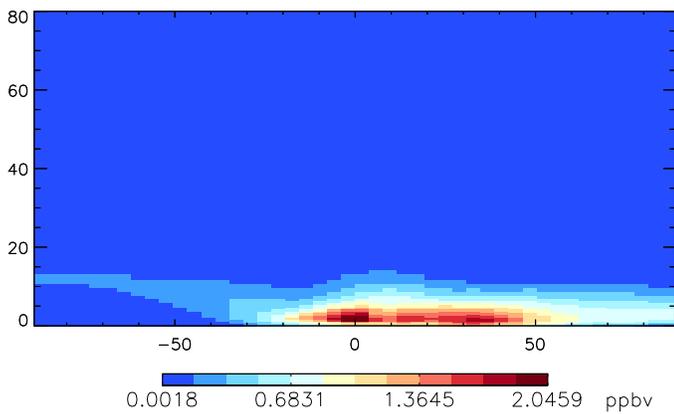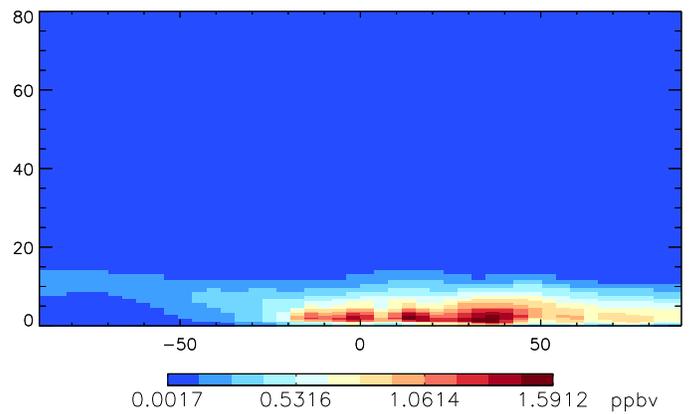
Tracer Curtain Zonal mean – ACET

Tracer Curtain @      –180.000 – ACET

0.0000    1.2073    2.4147    3.6220  ppbC

0.0000    0.8891    1.7783    2.6674  ppbC

# GEOS-Chem v9-02n Zonal mean and curtain at 180E
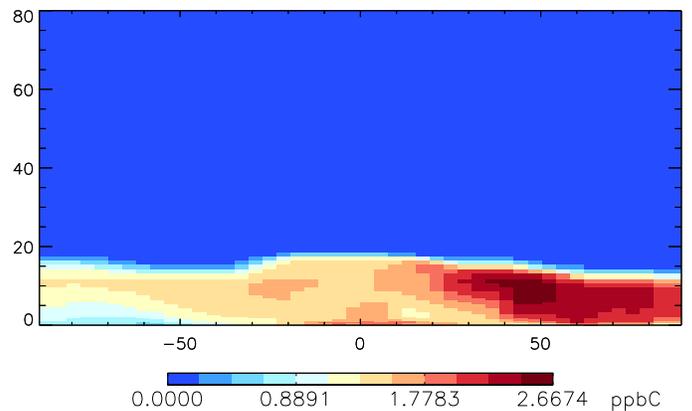
## ctm.bpch.v9-02n

Tracer Curtain Zonal mean − MEK
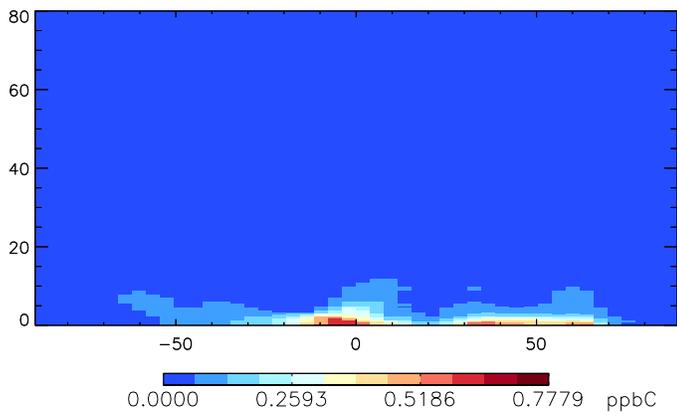
Tracer Curtain @      −180.000 − MEK
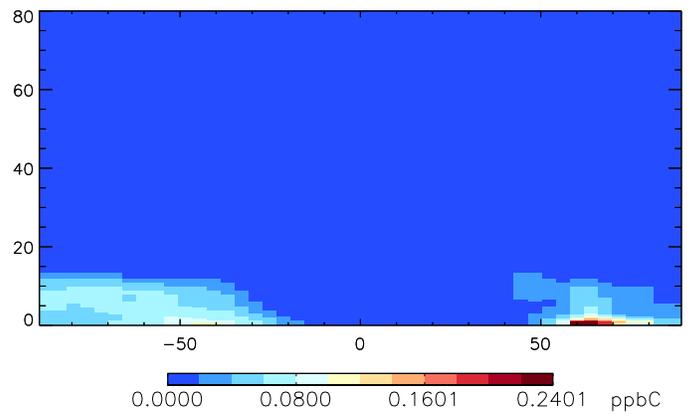
Tracer Curtain Zonal mean − ALD2
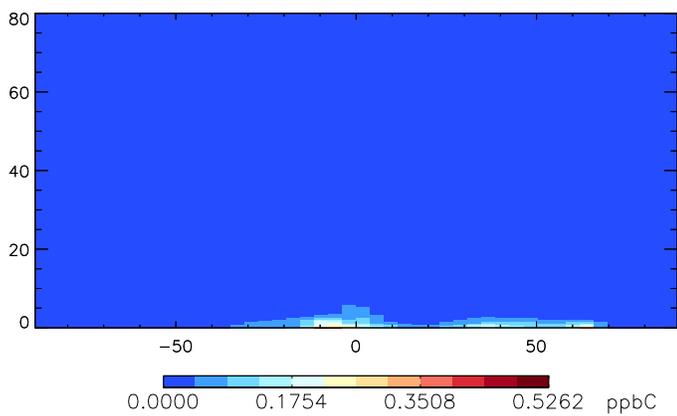
Tracer Curtain @      −180.000 − ALD2
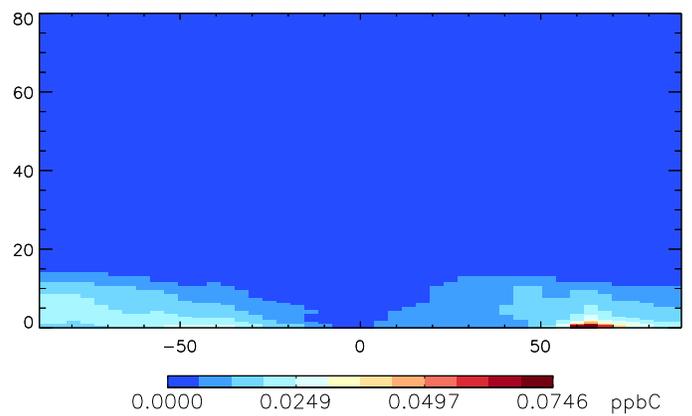
Tracer Curtain Zonal mean − RCHO
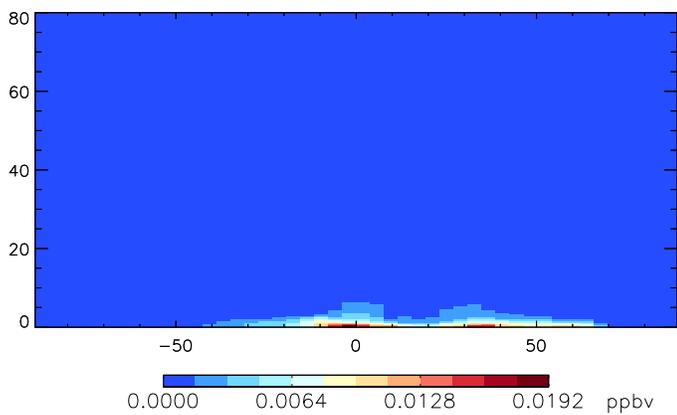
Tracer Curtain @      −180.000 − RCHO
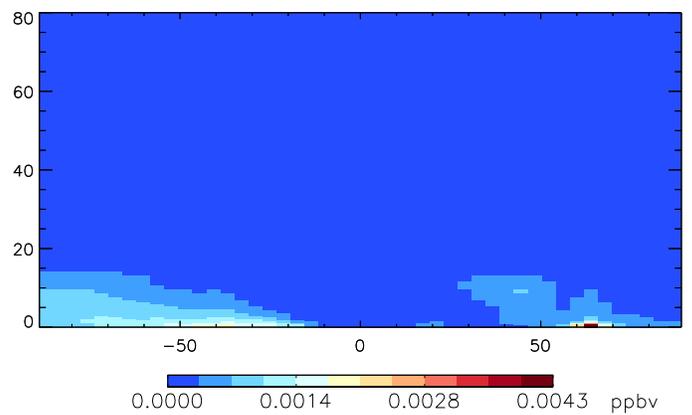
# GEOS-Chem v9-02n Zonal mean and curtain at 180E

## ctm.bpch.v9-02n

### Tracer Curtain Zonal mean — MVK
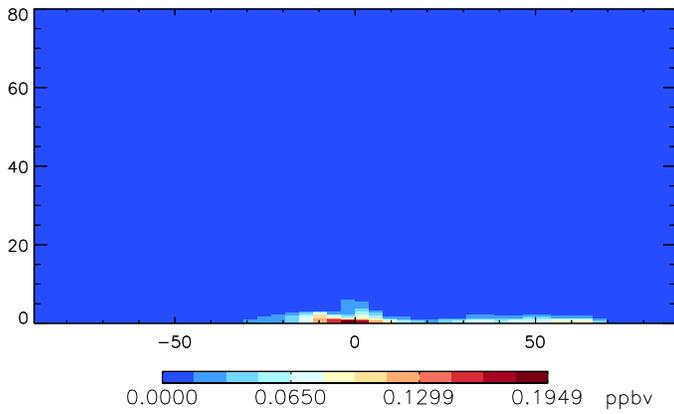
0.0000  0.0650  0.1299  0.1949  ppbv

### Tracer Curtain @    −180.000 — MVK

0.0000  0.0138  0.0276  0.0414  ppbv

### Tracer Curtain Zonal mean — MACR

0.0000  0.0516  0.1033  0.1549  ppbv

### Tracer Curtain @    −180.000 — MACR

0.0000  0.0092  0.0185  0.0277  ppbv

### Tracer Curtain Zonal mean — PMN

0.0000  0.0019  0.0038  0.0058  ppbv

### Tracer Curtain @    −180.000 — PMN

0.0000  0.0006  0.0011  0.0017  ppbv

# GEOS-Chem v9-02n Zonal mean and curtain at 180E

## ctm.bpch.v9-02n

### Tracer Curtain Zonal mean − PPN



0.0000    0.0071    0.0142    0.0213  ppbv

### Tracer Curtain @      −180.000 − PPN



0.0000    0.0077    0.0155    0.0232  ppbv

### Tracer Curtain Zonal mean − R4N2



0.0000    0.0214    0.0427    0.0641  ppbv

### Tracer Curtain @      −180.000 − R4N2



0.0000    0.0040    0.0080    0.0120  ppbv

### Tracer Curtain Zonal mean − PRPE



0.0000    0.1636    0.3272    0.4908  ppbC

### Tracer Curtain @      −180.000 − PRPE



0.0000    0.0202    0.0404    0.0607  ppbC

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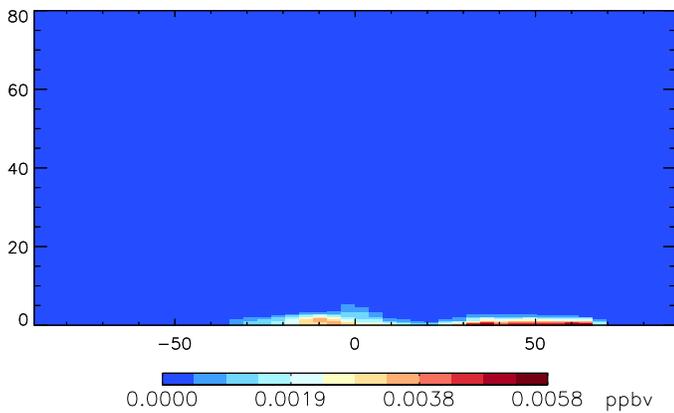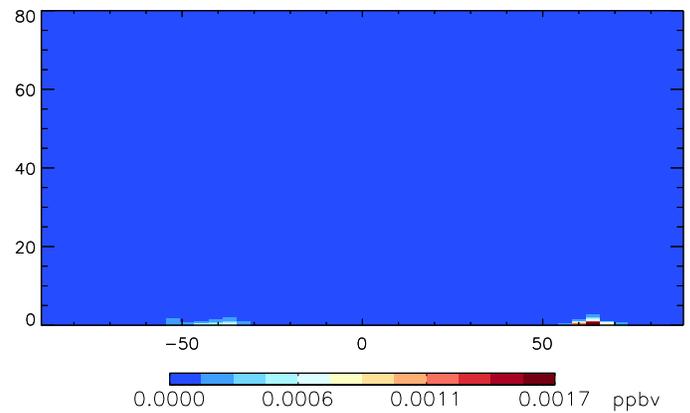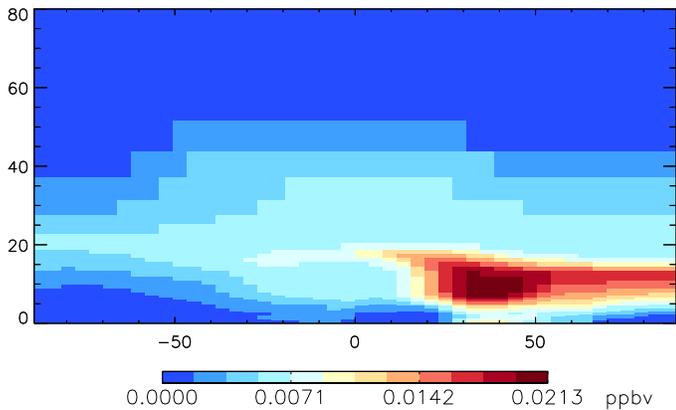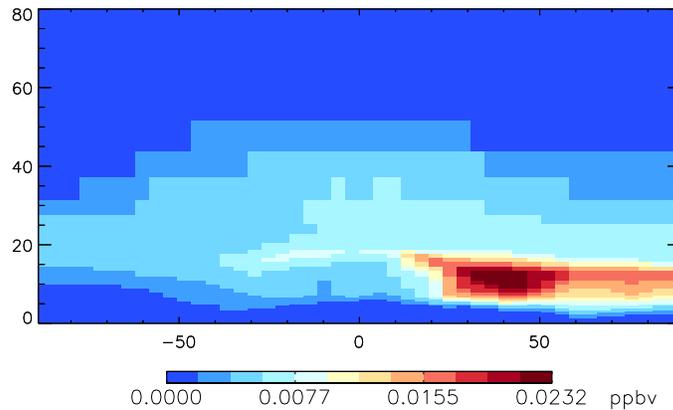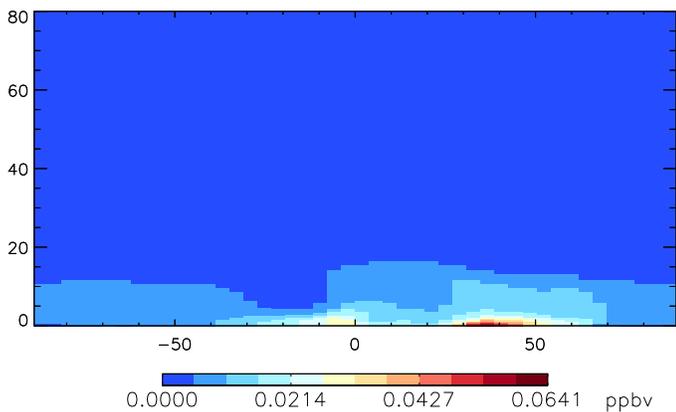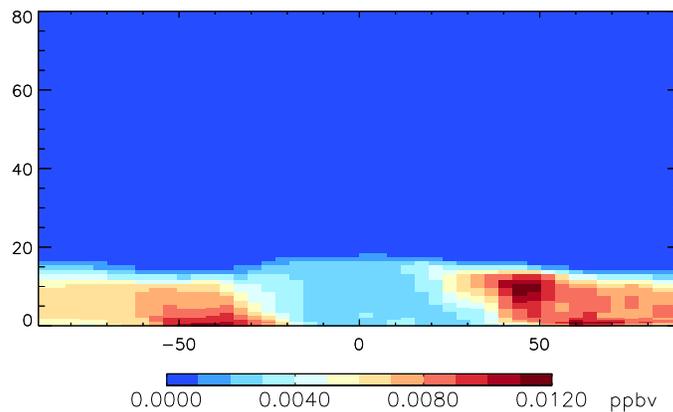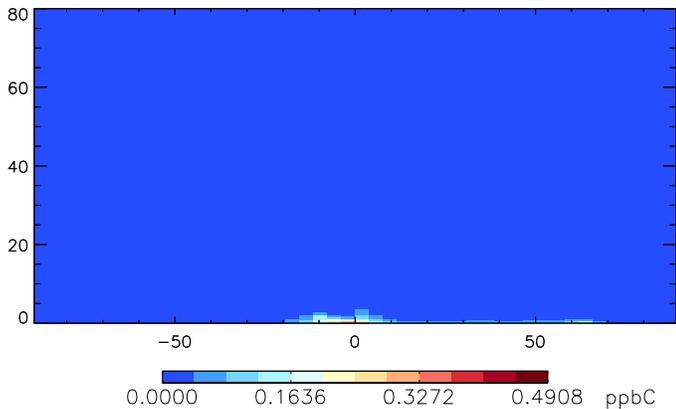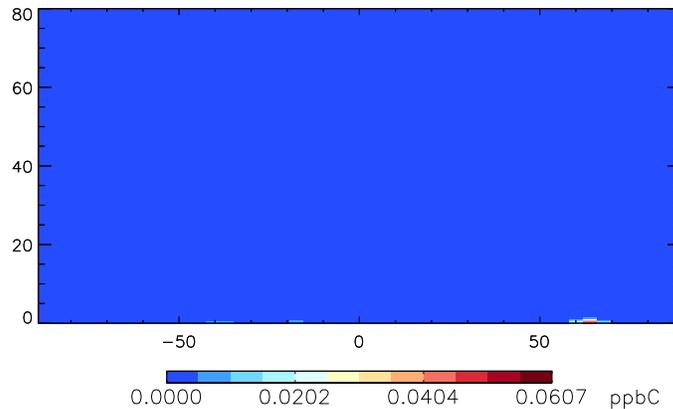
Tracer Curtain Zonal mean — C3H8

Tracer Curtain @     −180.000 − C3H8

0.0000   0.3547   0.7093   1.0640   ppbC

0.0000   0.1130   0.2261   0.3391   ppbC
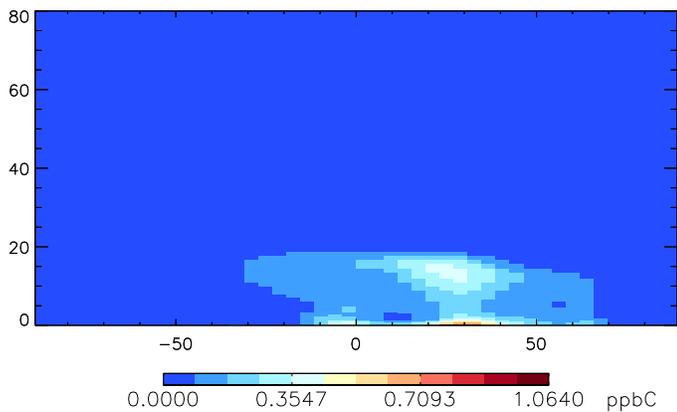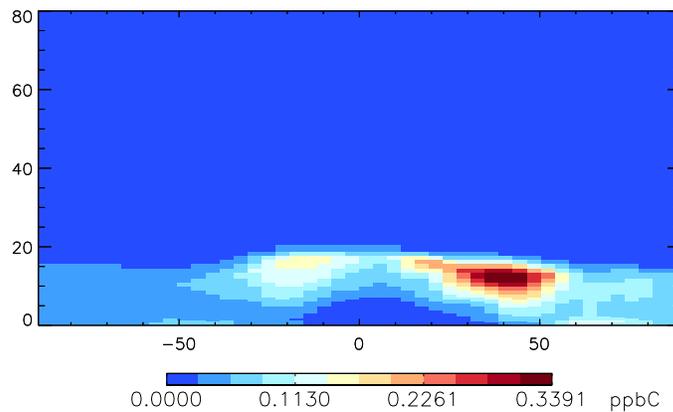
Tracer Curtain Zonal mean — CH2O

Tracer Curtain @     −180.000 − CH2O

0.0086   0.3957   0.7827   1.1697   ppbv

0.0086   0.1439   0.2792   0.4146   ppbv
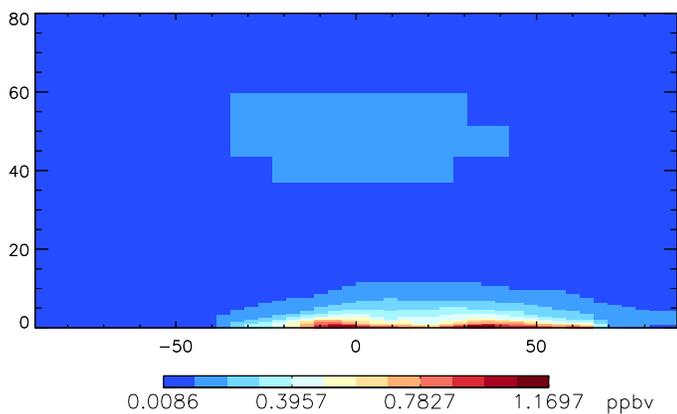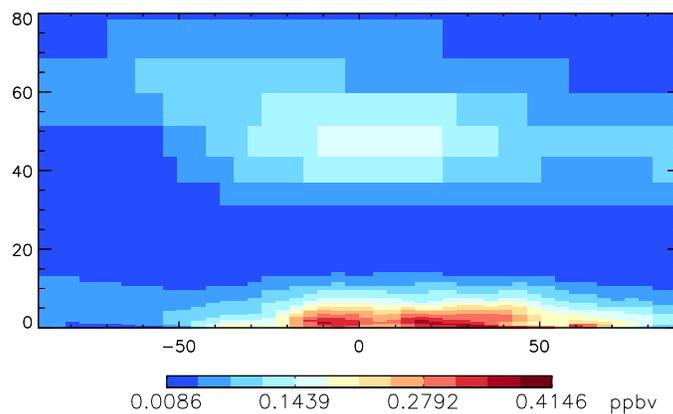
Tracer Curtain Zonal mean — C2H6

Tracer Curtain @     −180.000 − C2H6

0.0000   0.6909   1.3817   2.0726   ppbC

0.0000   0.5211   1.0423   1.5634   ppbC

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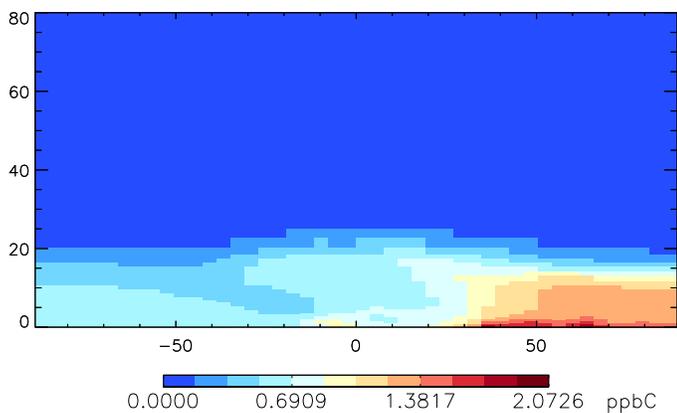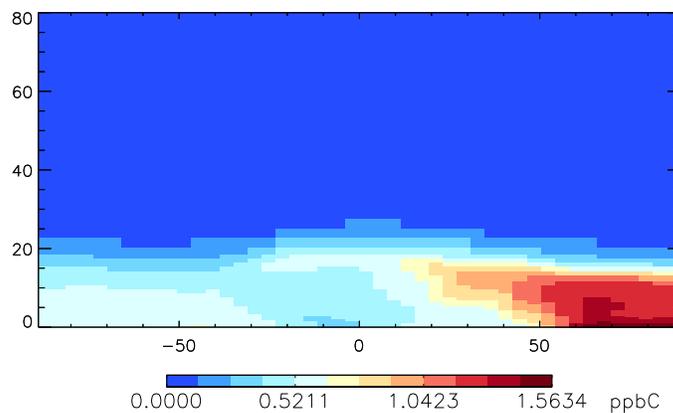
Tracer Curtain Zonal mean — N2O5

Tracer Curtain @      −180.000 − N2O5

0.0000   0.6105   1.2210   1.8315  ppbv
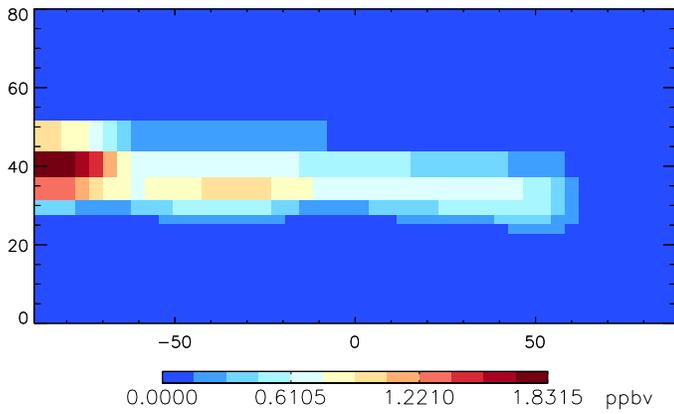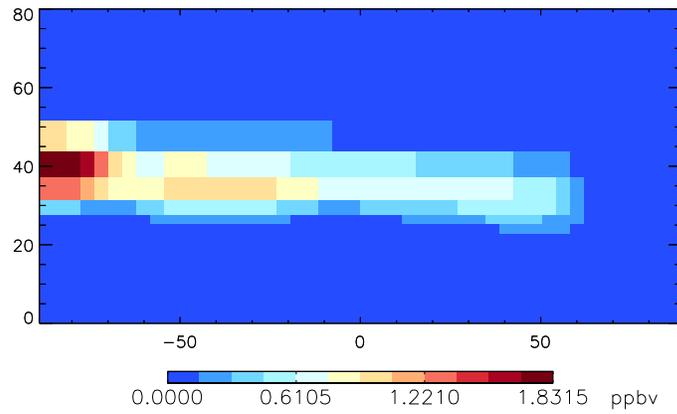
Tracer Curtain Zonal mean — HNO4

Tracer Curtain @      −180.000 − HNO4

0.0000   0.0744   0.1487   0.2231  ppbv

0.0000   0.0694   0.1388   0.2082  ppbv
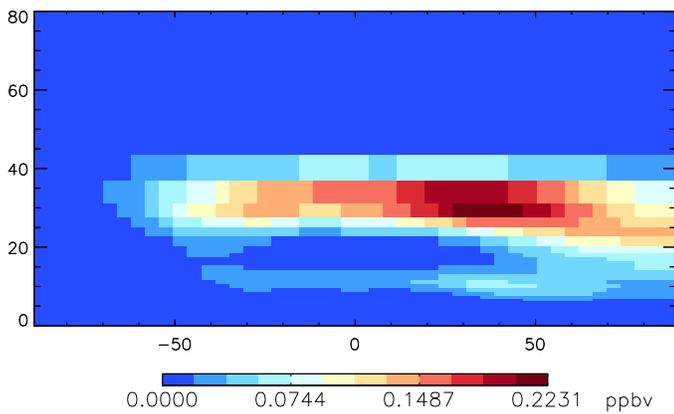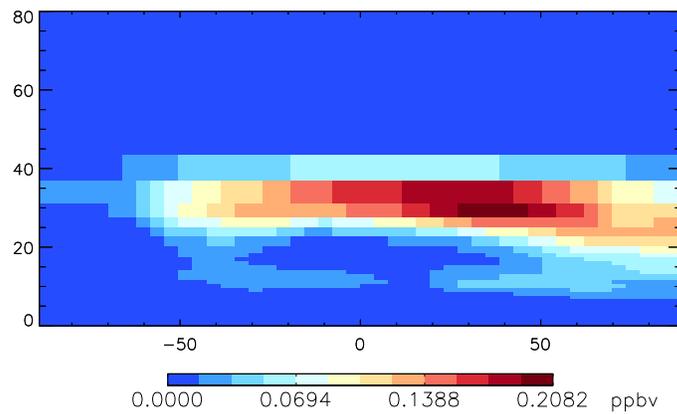
Tracer Curtain Zonal mean — MP

Tracer Curtain @      −180.000 − MP

0.0003   0.4878   0.9754   1.4629  ppbv

0.0003   0.4858   0.9713   1.4568  ppbv

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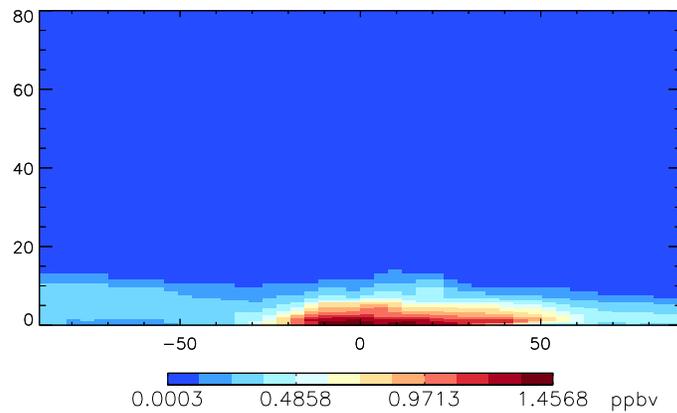
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Tracer Curtain Zonal mean – DMS

Tracer Curtain @      -180.000 – DMS

0.0000   0.1302   0.2604   0.3906  ppbv

0.0000   0.1143   0.2287   0.3430  ppbv
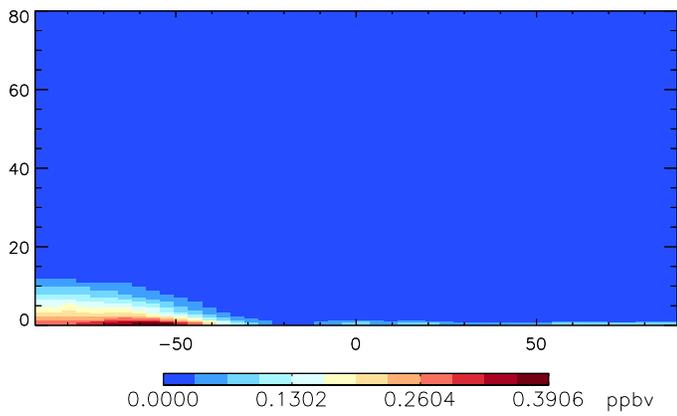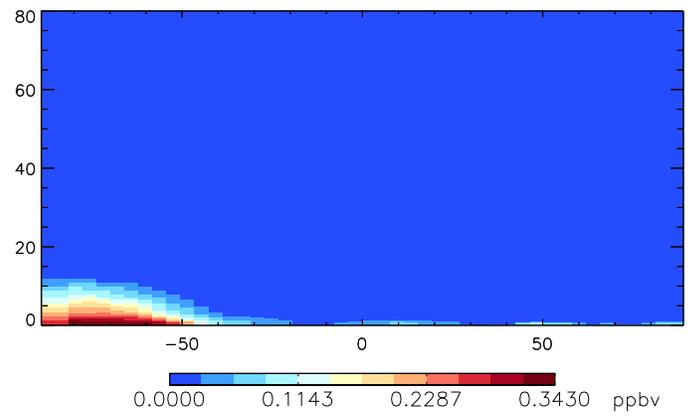
Tracer Curtain Zonal mean – SO2

Tracer Curtain @      -180.000 – SO2

0.0020   0.4356   0.8692   1.3028  ppbv

0.0018   0.0782   0.1547   0.2311  ppbv
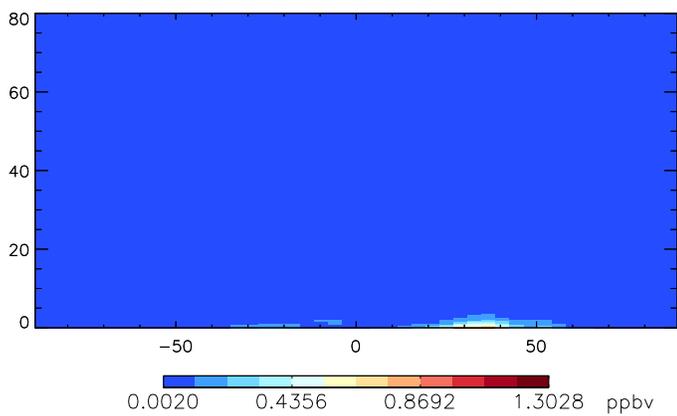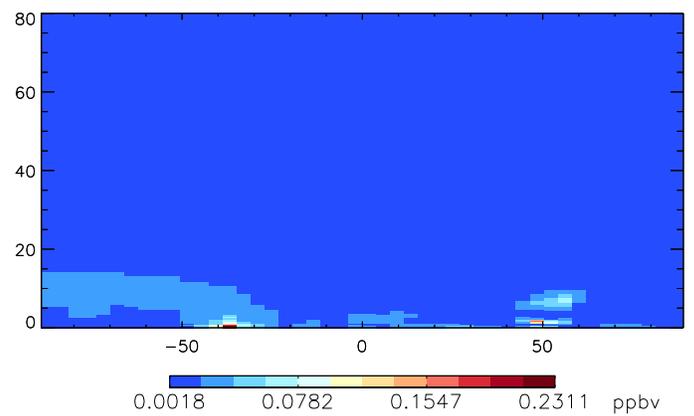
Tracer Curtain Zonal mean – SO4

Tracer Curtain @      -180.000 – SO4

0.0066   0.2323   0.4581   0.6838  ppbv

0.0054   0.1666   0.3277   0.4889  ppbv
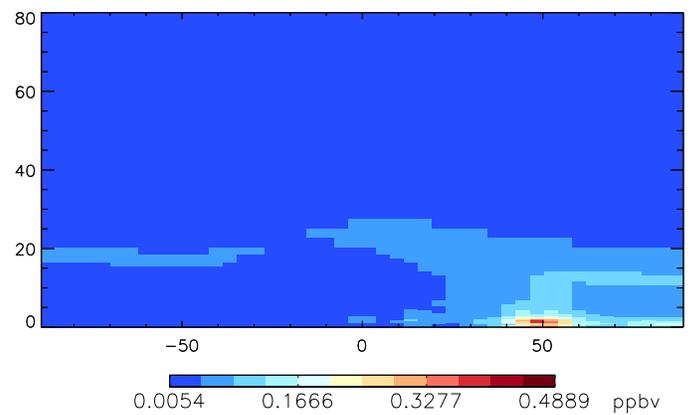
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Tracer Curtain Zonal mean − SO4s
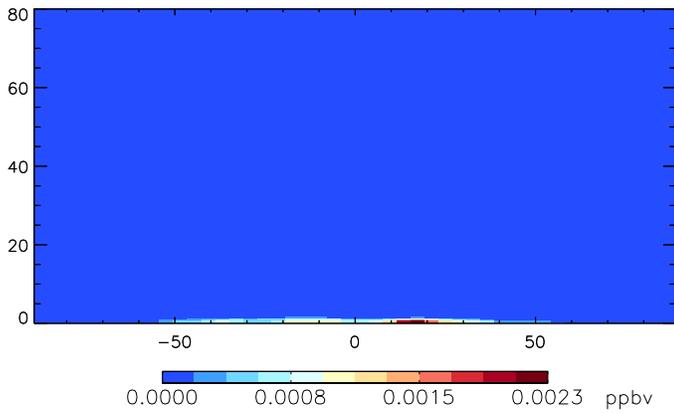
Tracer Curtain @      −180.000 − SO4s
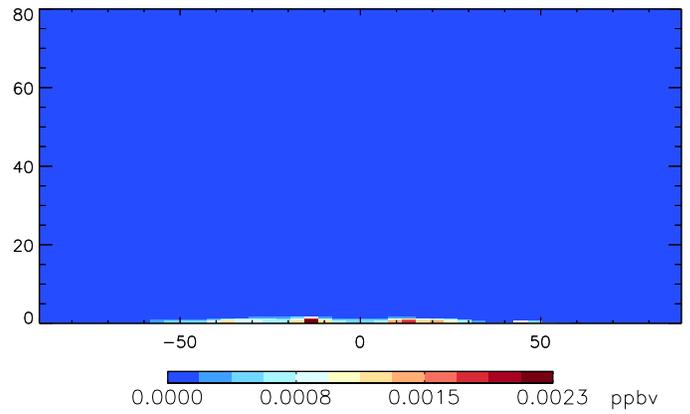
Tracer Curtain Zonal mean − MSA
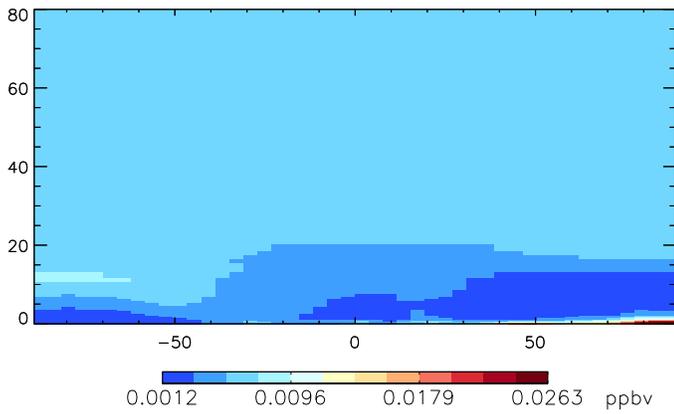
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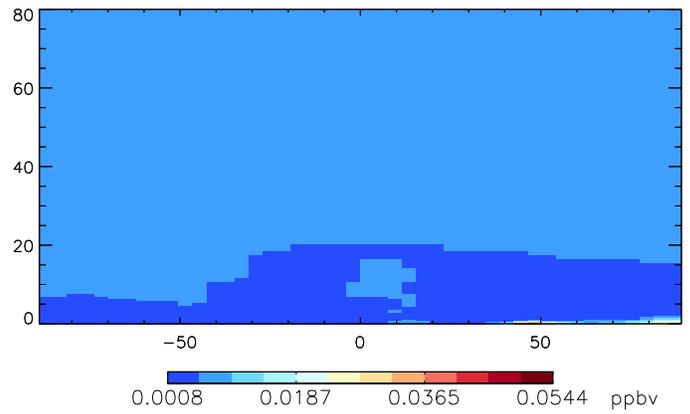
Tracer Curtain Zonal mean − NH3
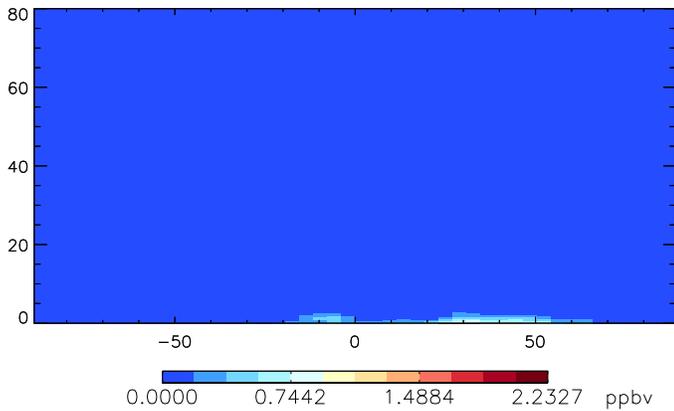
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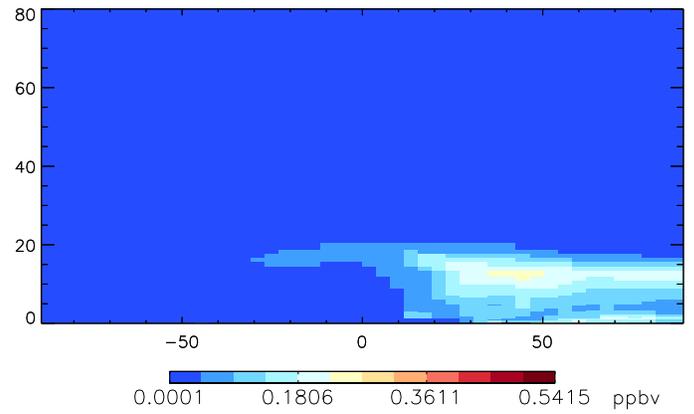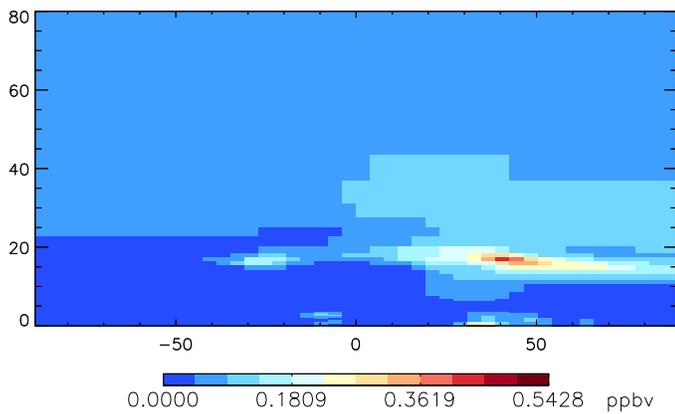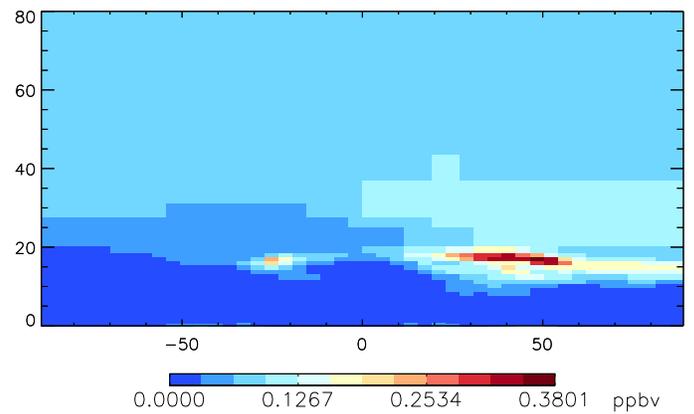
GEOS-Chem v9-02n Zonal mean and curtain at 180E

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# GEOS-Chem v9-02n Zonal mean and curtain at 180E

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### Tracer Curtain Zonal mean − BCPI



0.0010   0.1499   0.2988   0.4478   ppbv

### Tracer Curtain @     −180.000 − BCPI



0.0008   0.0730   0.1451   0.2173   ppbv
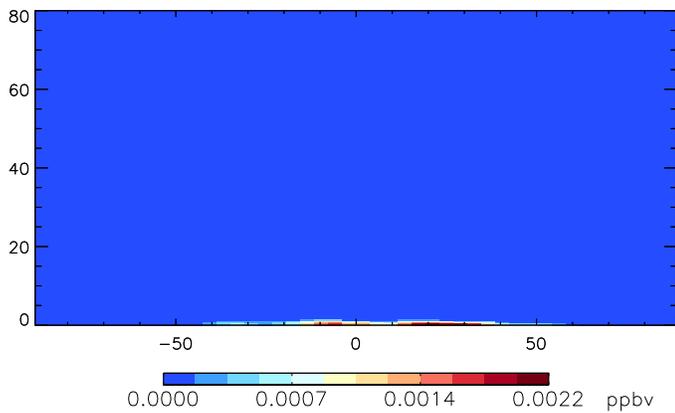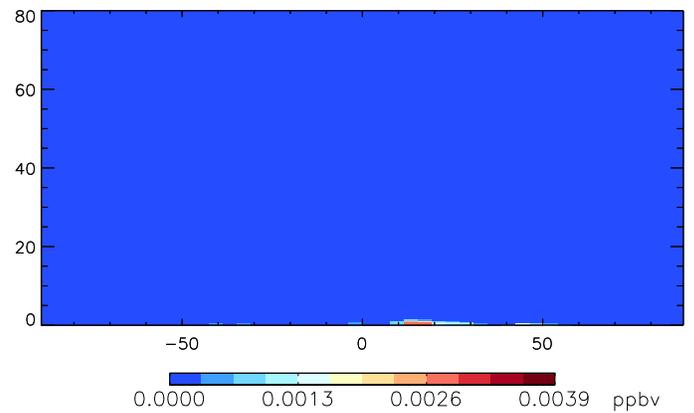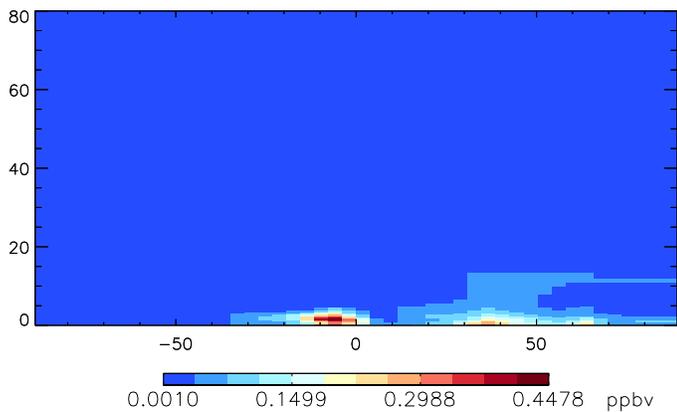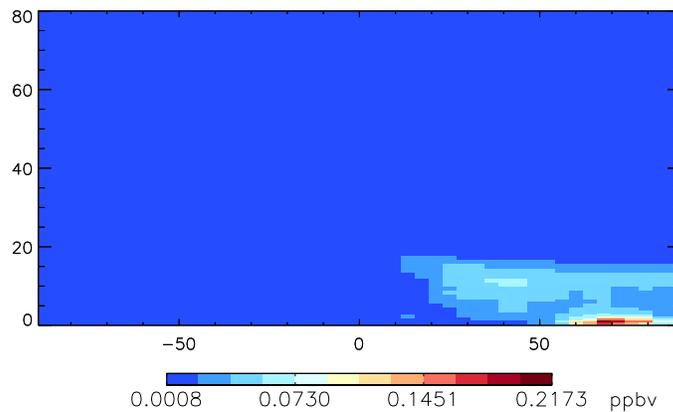
### Tracer Curtain Zonal mean − OCPI



0.0051   1.9220   3.8389   5.7558   ppbv

### Tracer Curtain @     −180.000 − OCPI



0.0042   1.1711   2.3380   3.5049   ppbv
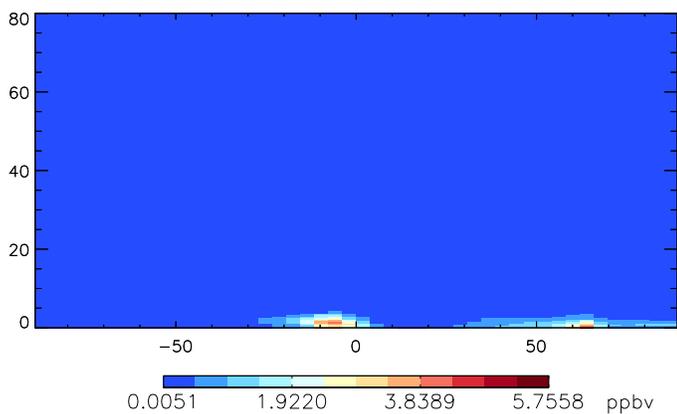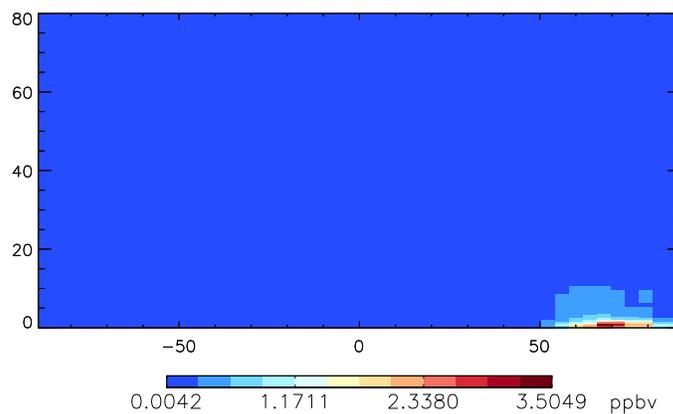
### Tracer Curtain Zonal mean − BCPO



0.0000   0.0951   0.1903   0.2854   ppbv

### Tracer Curtain @     −180.000 − BCPO



0.0000   0.0128   0.0255   0.0383   ppbv
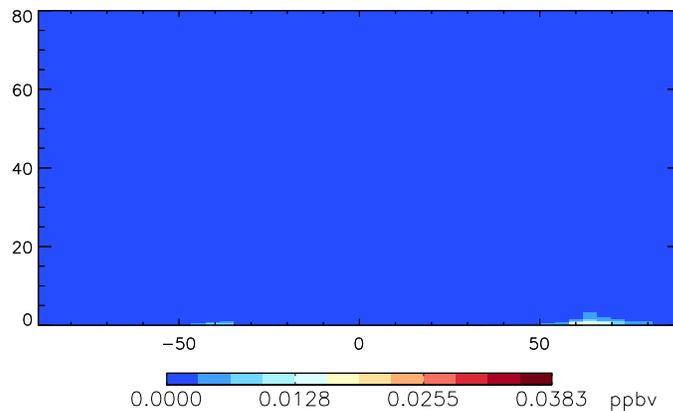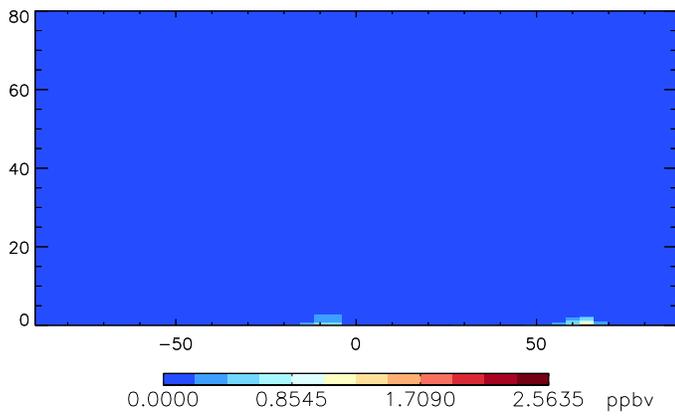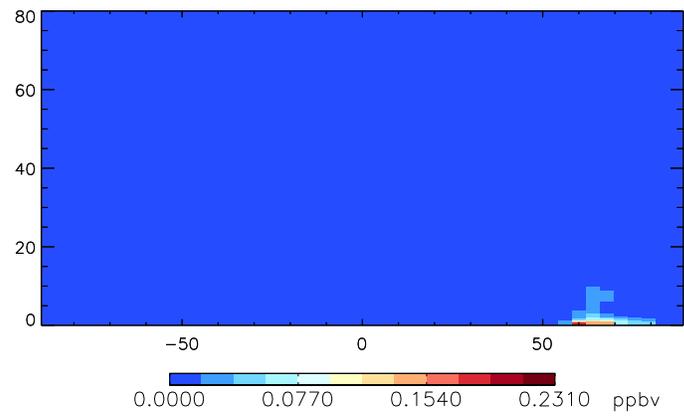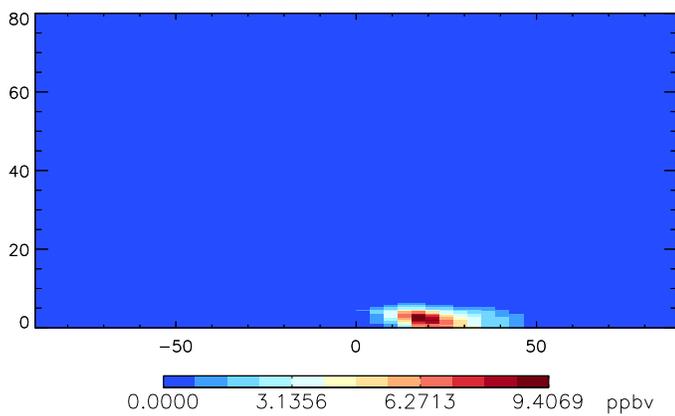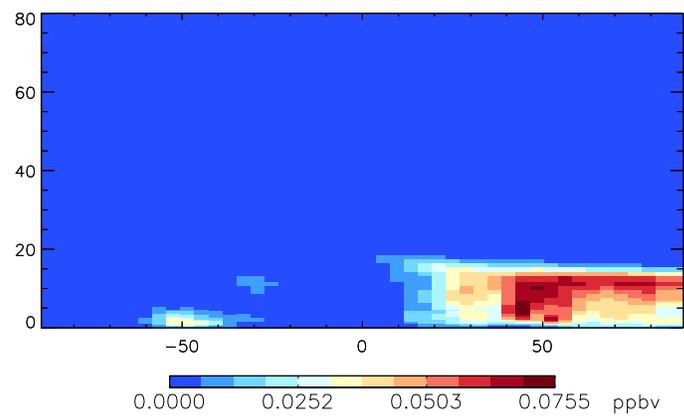
GEOS-Chem v9-02n Zonal mean and curtain at 180E
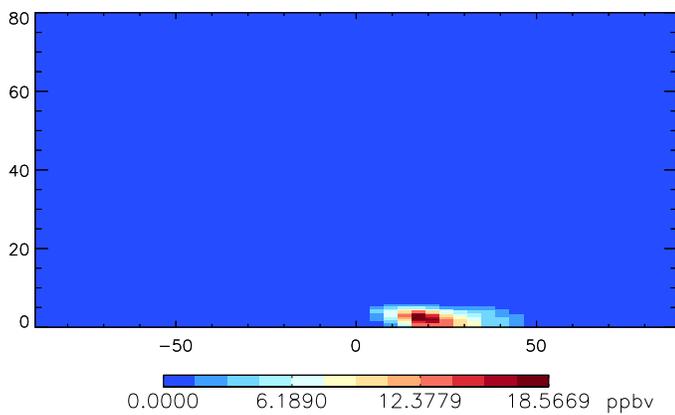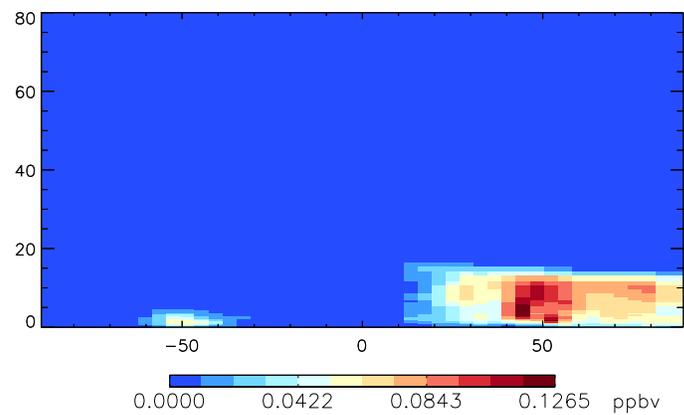
ctm.bpch.v9-02n

# GEOS–Chem v9–02n Zonal mean and curtain at 180E

## ctm.bpch.v9–02n



Tracer Curtain Zonal mean – DST3

Tracer Curtain @      –180.000 – DST3
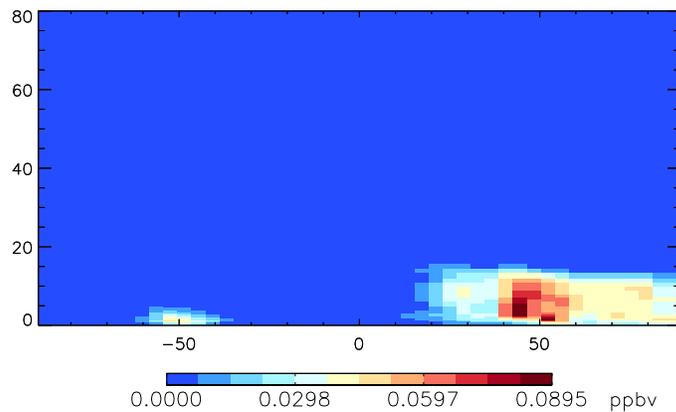
Tracer Curtain Zonal mean – DST4
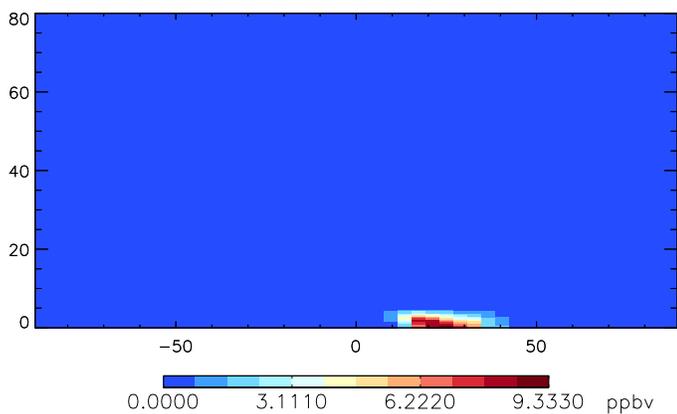
Tracer Curtain @      –180.000 – DST4
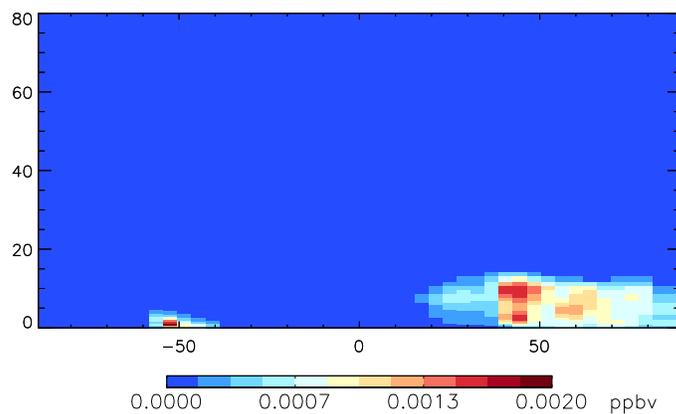
Tracer Curtain Zonal mean – SALA

Tracer Curtain @      –180.000 – SALA

GEOS-Chem v9-02n Zonal mean and curtain at 180E

ctm.bpch.v9-02n
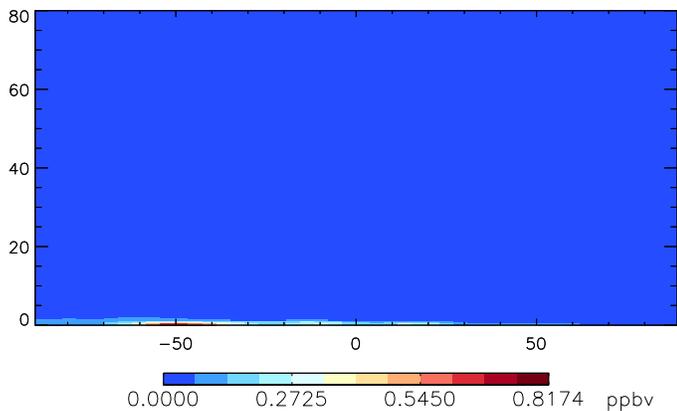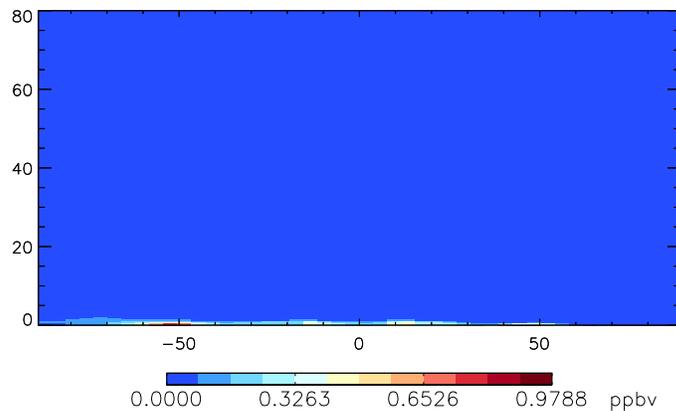
Tracer Curtain Zonal mean − SALC

Tracer Curtain @      −180.000 − SALC

0.0000    4.5993    9.1987    13.7980 ppbv

0.0000    5.4311    10.8622    16.2933 ppbv
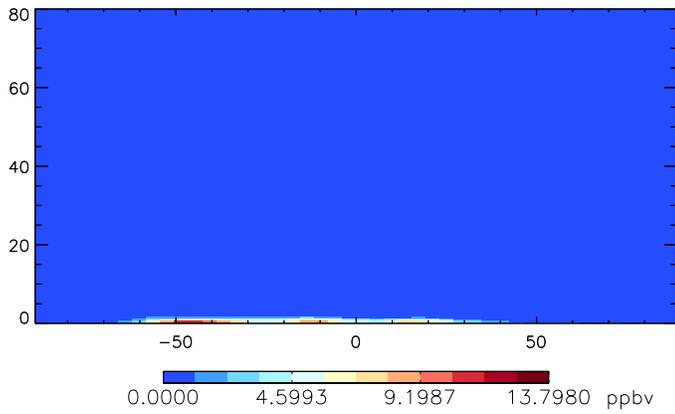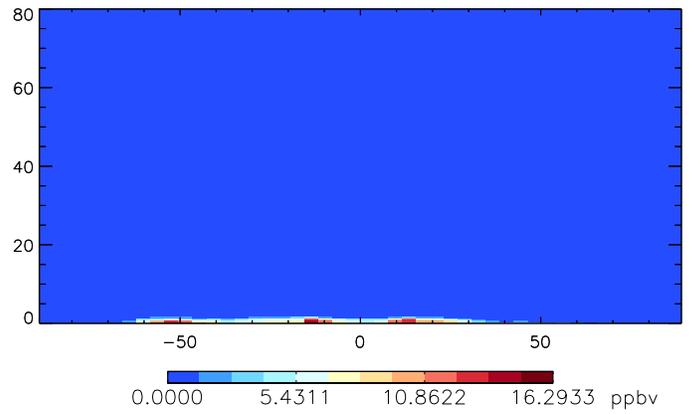
Tracer Curtain Zonal mean − Br2

Tracer Curtain @      −180.000 − Br2

0.0000    0.0071    0.0142    0.0213 ppbv

0.0000    0.0071    0.0142    0.0213 ppbv
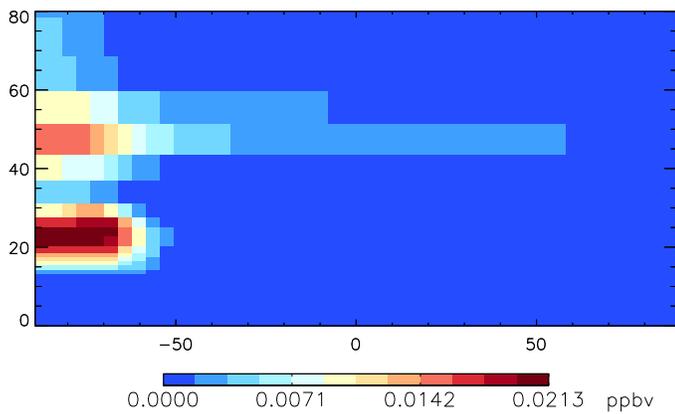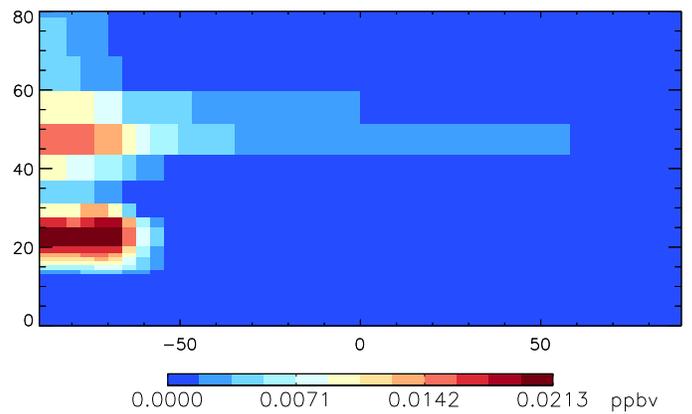
Tracer Curtain Zonal mean − Br

Tracer Curtain @      −180.000 − Br

0.0000    0.0081    0.0161    0.0242 ppbv

0.0000    0.0081    0.0161    0.0242 ppbv

GEOS-Chem v9-02n Zonal mean and curtain at 180E

ctm.bpch.v9-02n
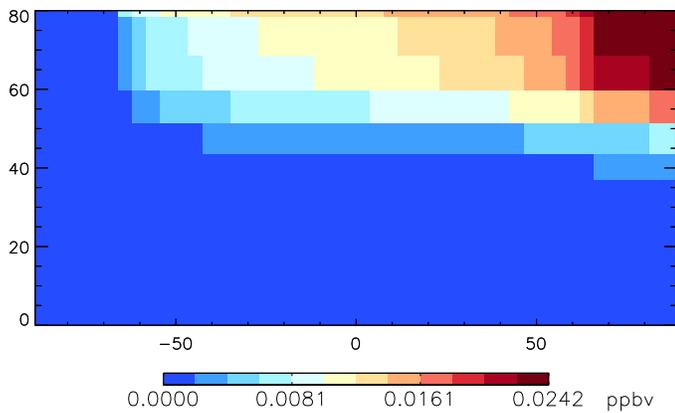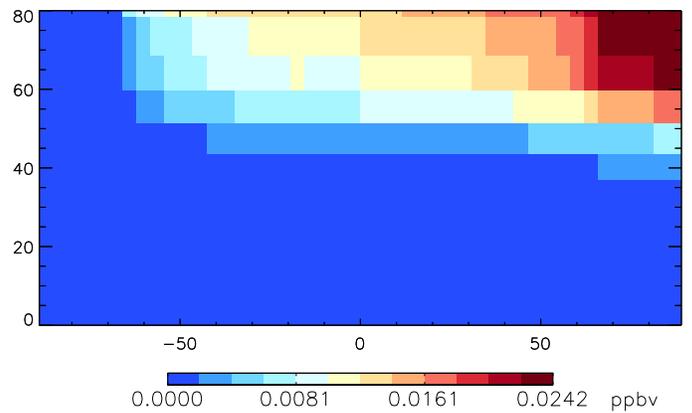
Tracer Curtain Zonal mean − BrO
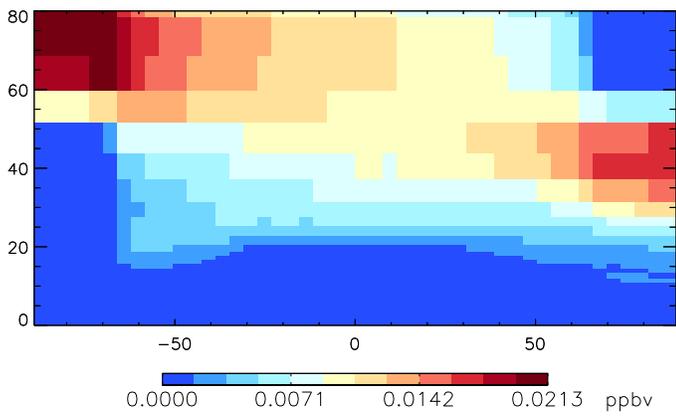
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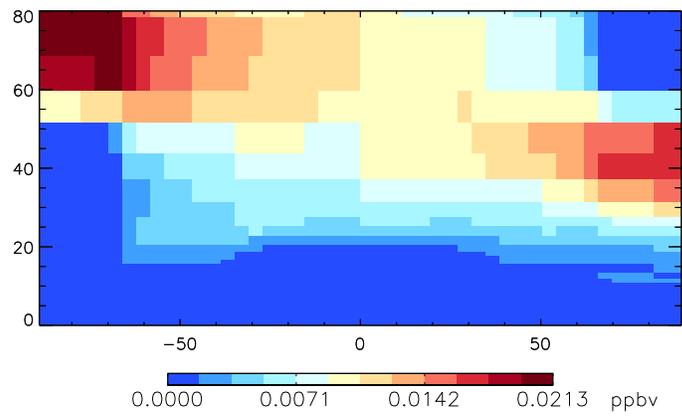
Tracer Curtain Zonal mean − HOBr
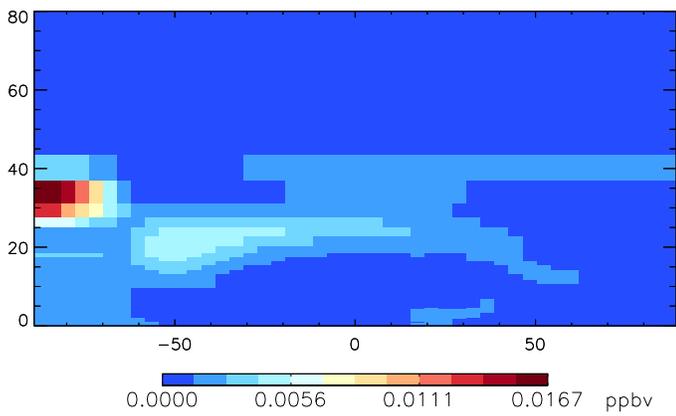
Tracer Curtain @      −180.000 − HOBr
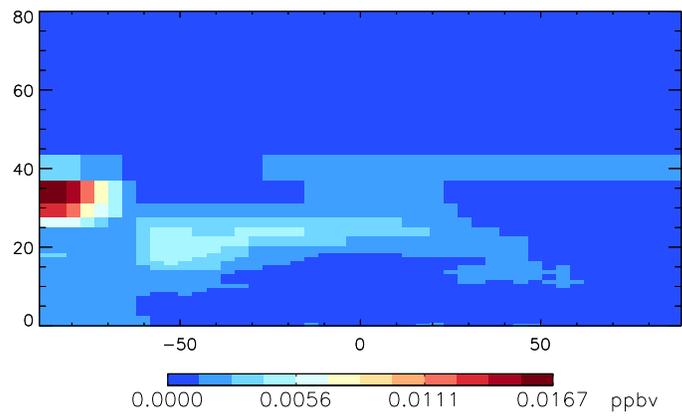
Tracer Curtain Zonal mean − HBr

Tracer Curtain @      −180.000 − HBr

GEOS-Chem v9-02n Zonal mean and curtain at 180E

ctm.bpch.v9-02n
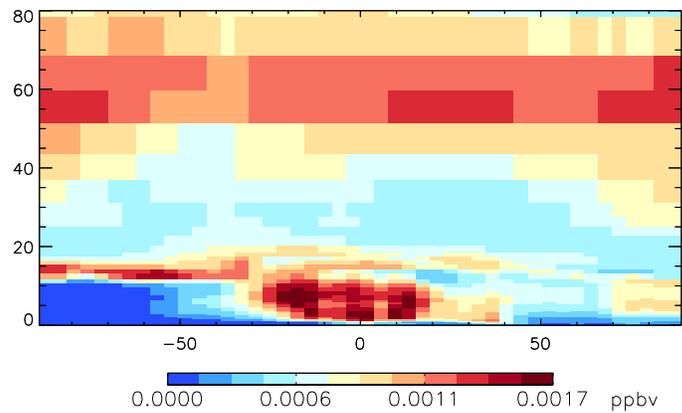
Tracer Curtain Zonal mean - BrNO2

Tracer Curtain @      -180.000 - BrNO2
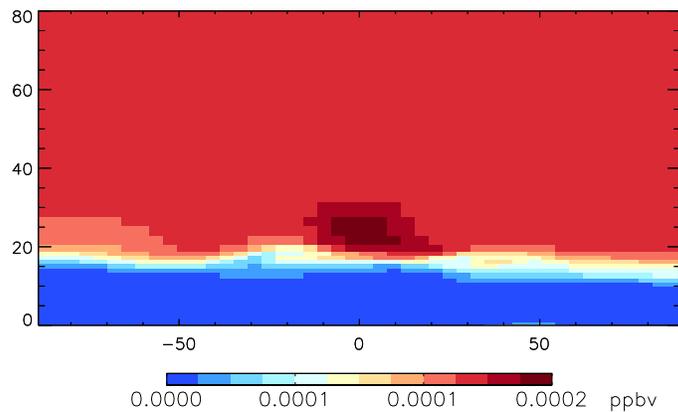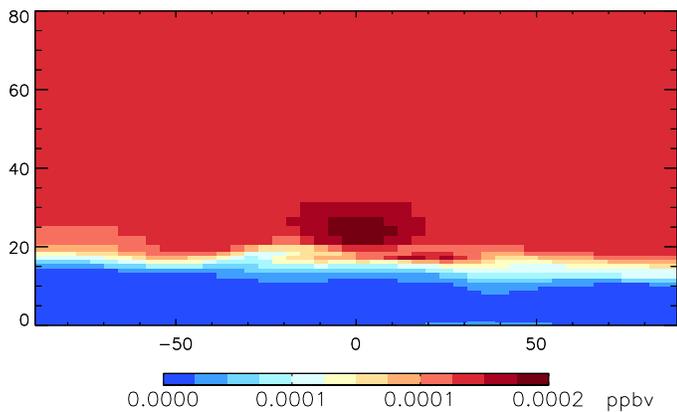
Tracer Curtain Zonal mean - BrNO3

Tracer Curtain @      -180.000 - BrNO3
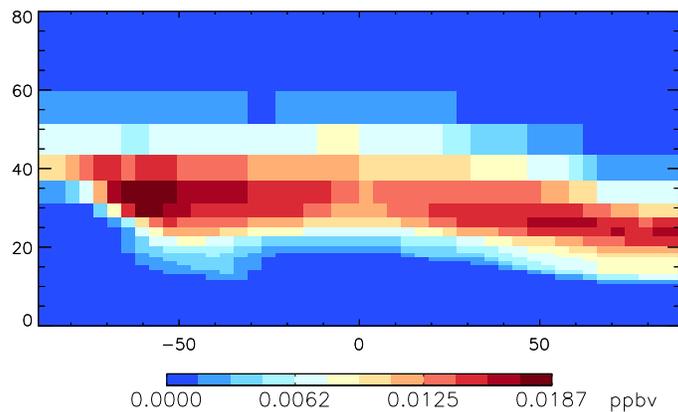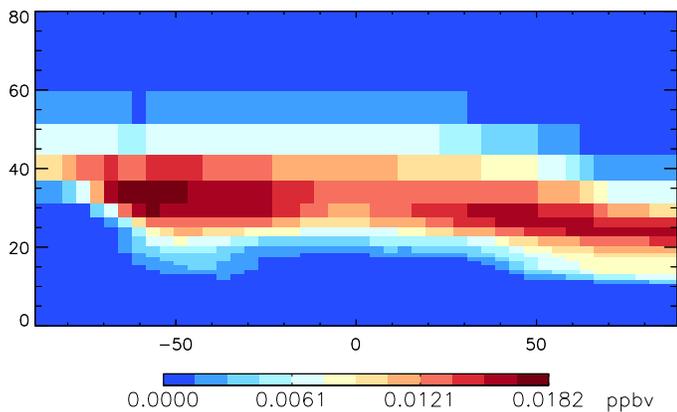
Tracer Curtain Zonal mean - CHBr3

Tracer Curtain @      -180.000 - CHBr3
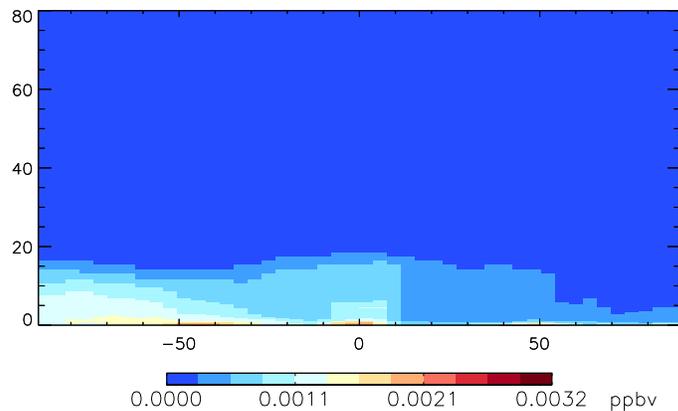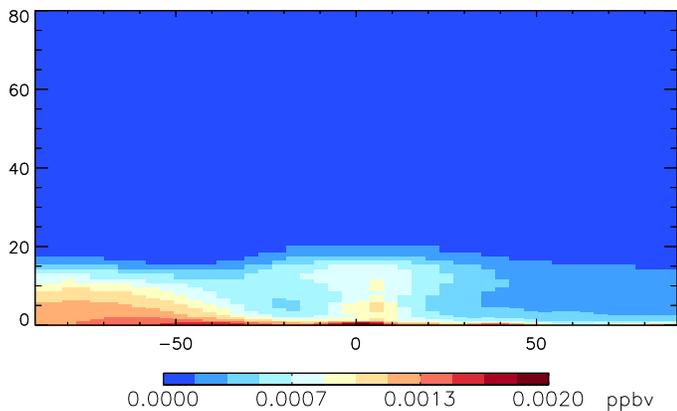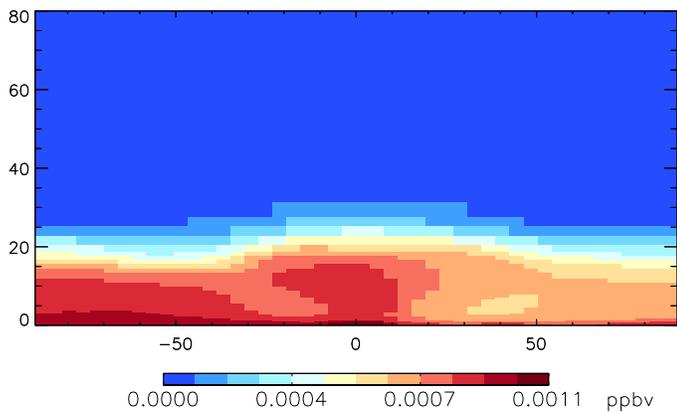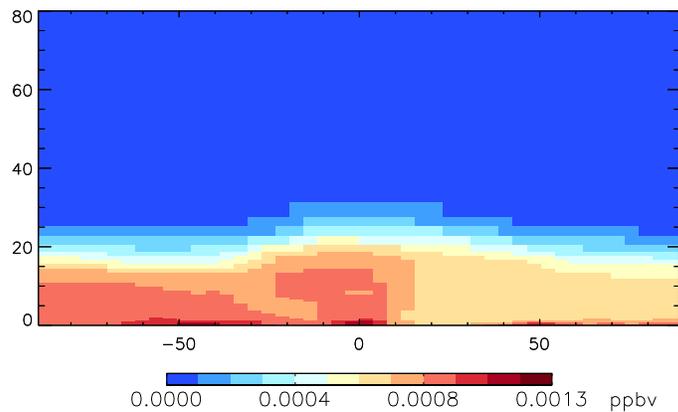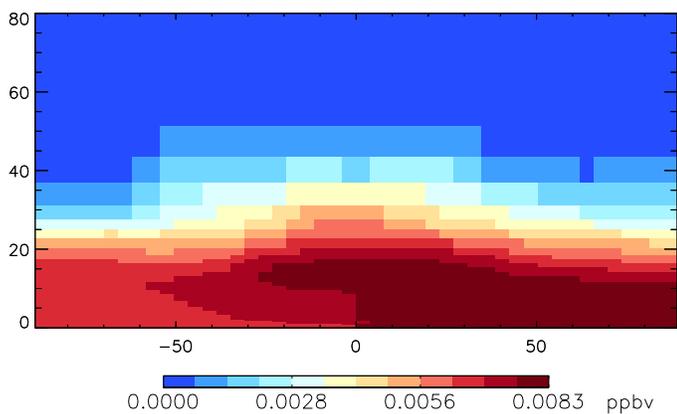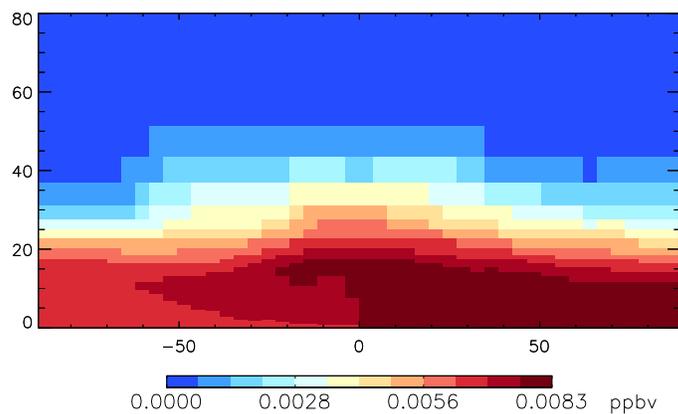
GEOS-Chem v9-02n Zonal mean and curtain at 180E
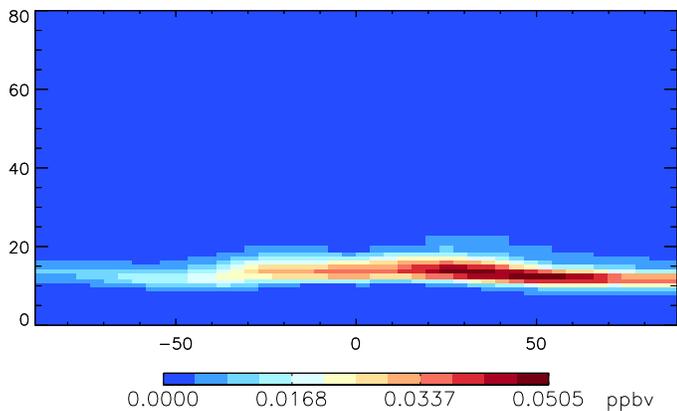
ctm.bpch.v9-02n

GEOS-Chem v9-02n Zonal mean and curtain at 180E

ctm.bpch.v9-02n

Tracer Curtain Zonal mean − ISOPN
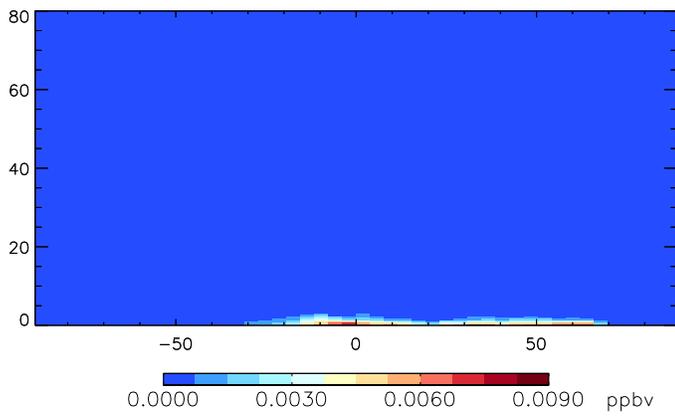
Tracer Curtain @      −180.000 − ISOPN
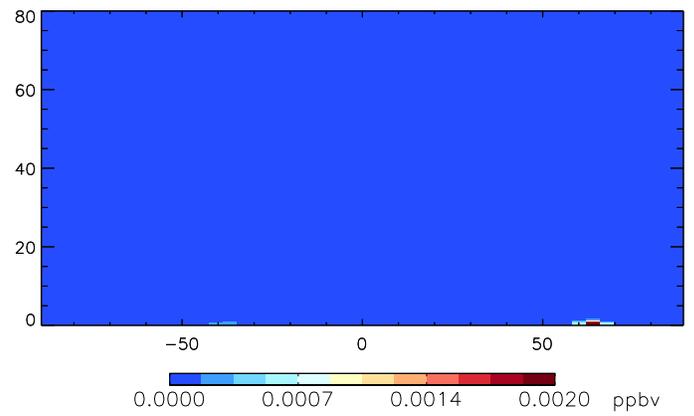
Tracer Curtain Zonal mean − MOBA
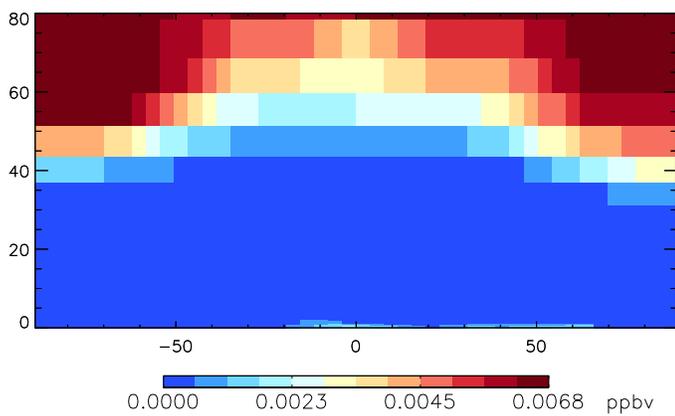
Tracer Curtain @      −180.000 − MOBA
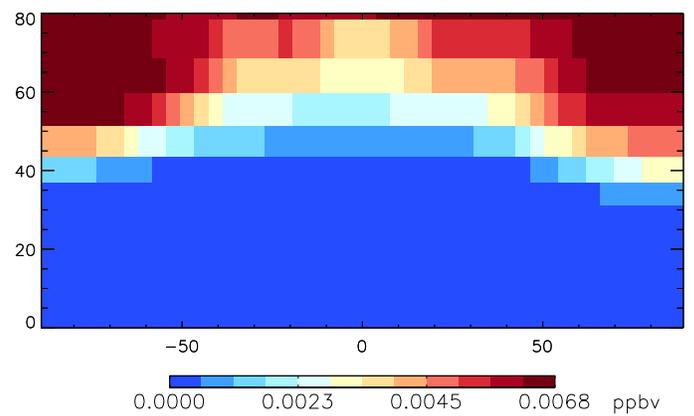
Tracer Curtain Zonal mean − PROPNN
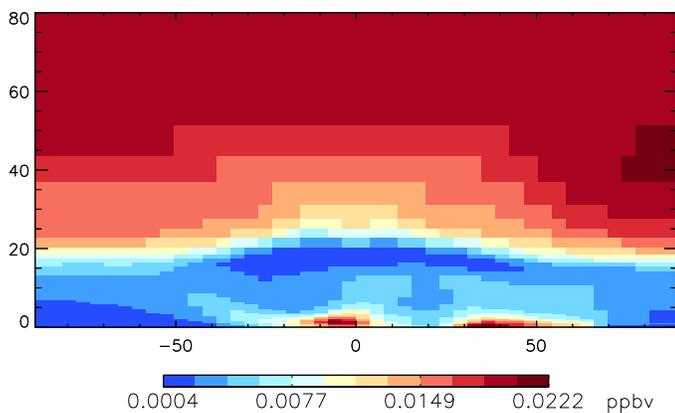
Tracer Curtain @      −180.000 − PROPNN
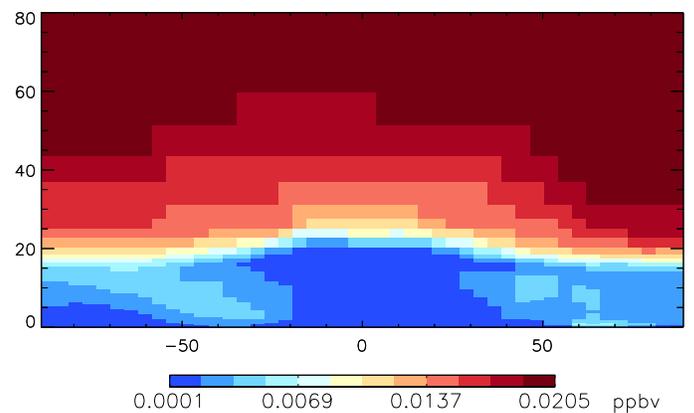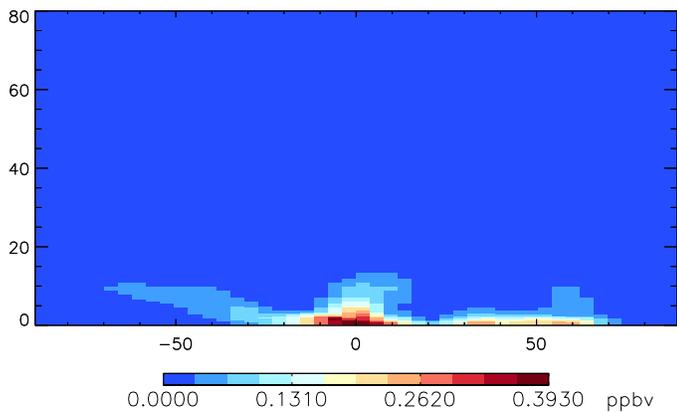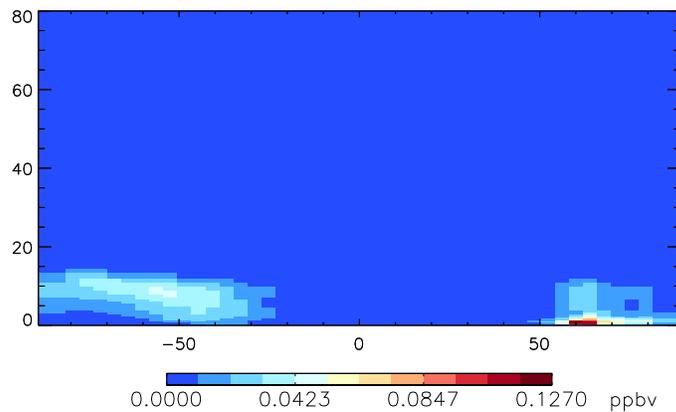
GEOS—Chem v9—02n Zonal mean and curtain at 180E

ctm.bpch.v9—02n

GEOS–Chem v9–02n Zonal mean and curtain at 180E

ctm.bpch.v9–02n
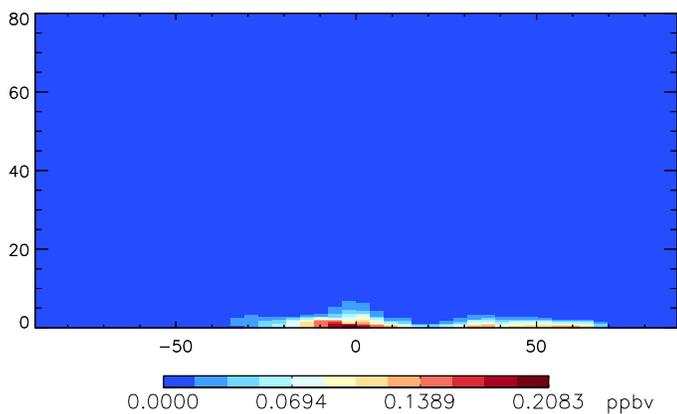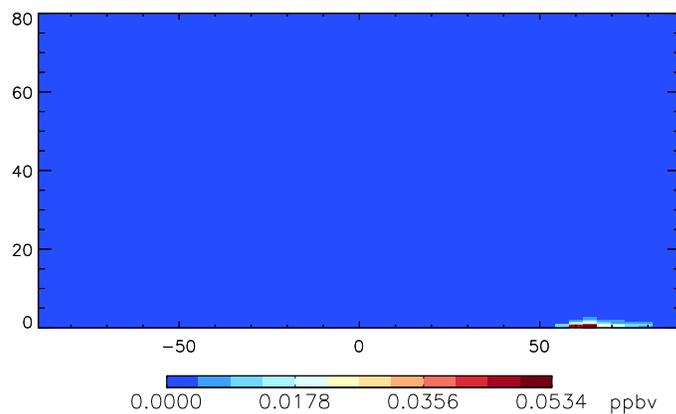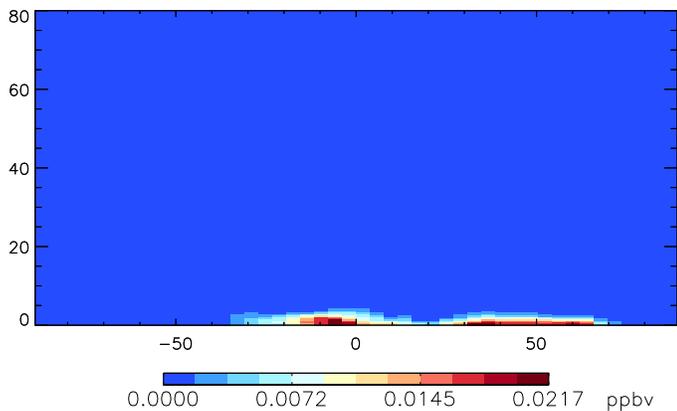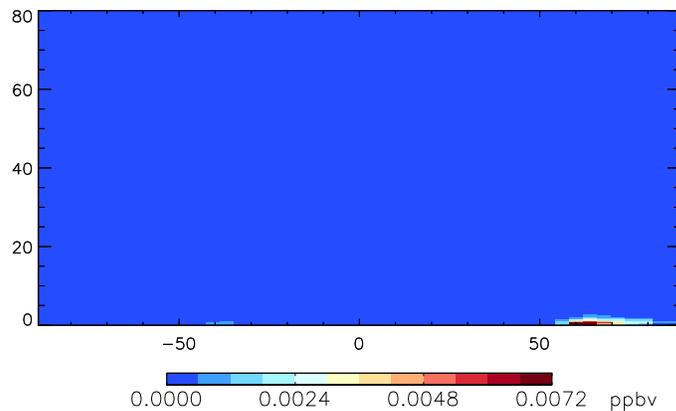
Tracer Curtain Zonal mean – RIP
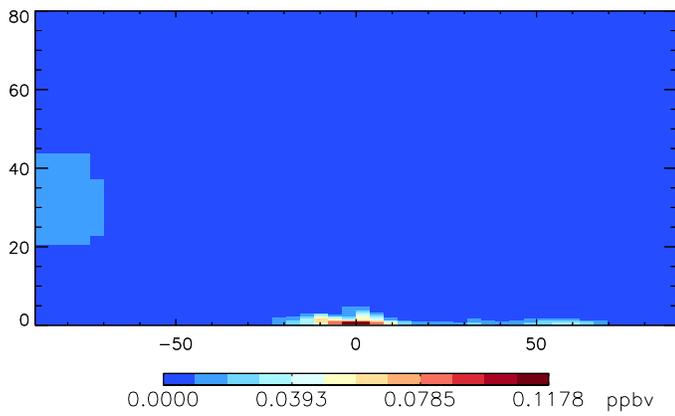
Tracer Curtain @       –180.000 – RIP
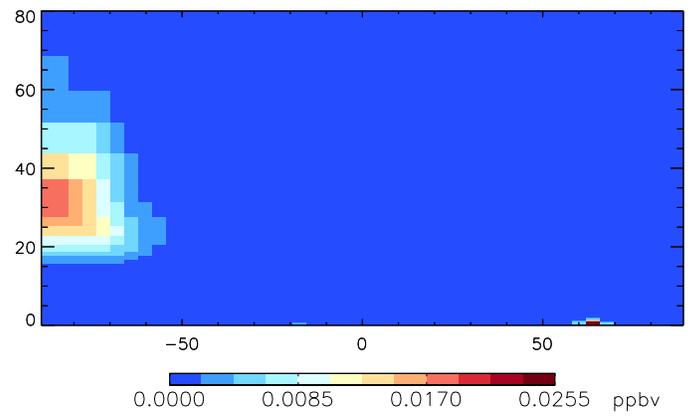
Tracer Curtain Zonal mean – IEPOX
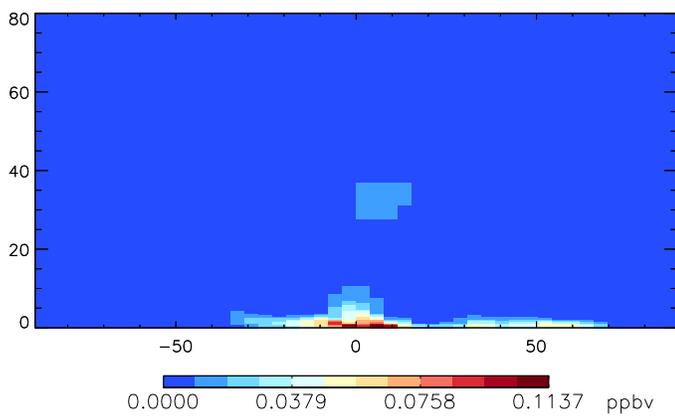
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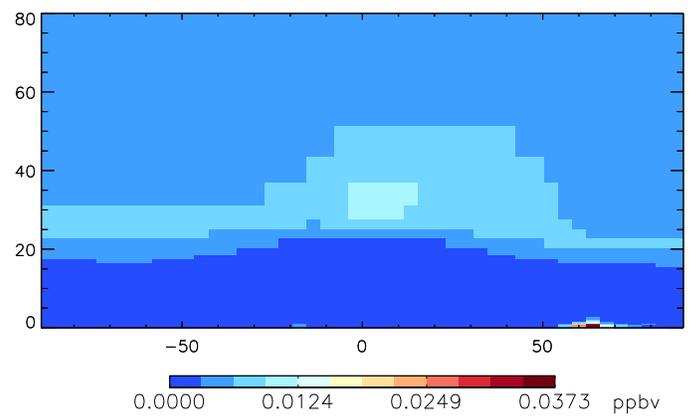
Tracer Curtain Zonal mean – MAP

Tracer Curtain @       –180.000 – MAP

# GEOS-Chem v9-02n Zonal mean and curtain at 180E
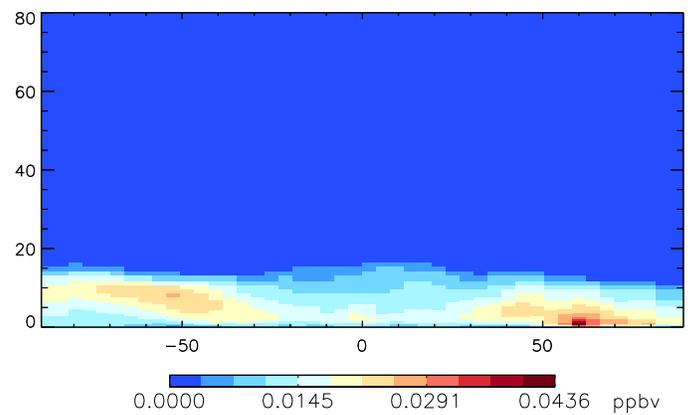
## ctm.bpch.v9-02n

Tracer Curtain Zonal mean — NO2
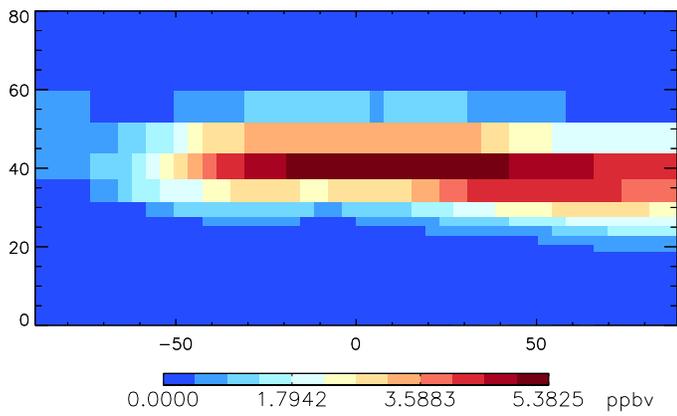
Tracer Curtain @    −180.000 — NO2
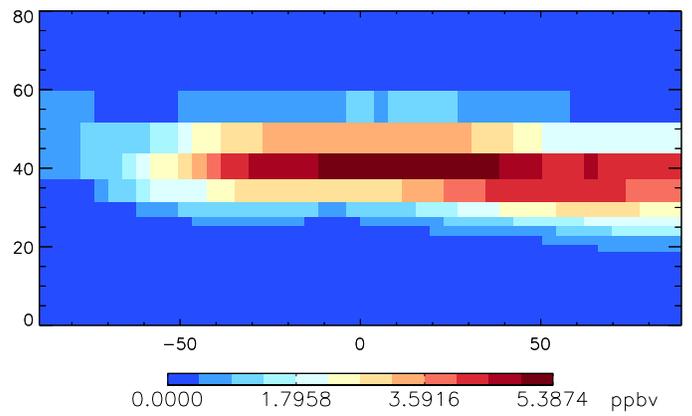
Tracer Curtain Zonal mean — NO3
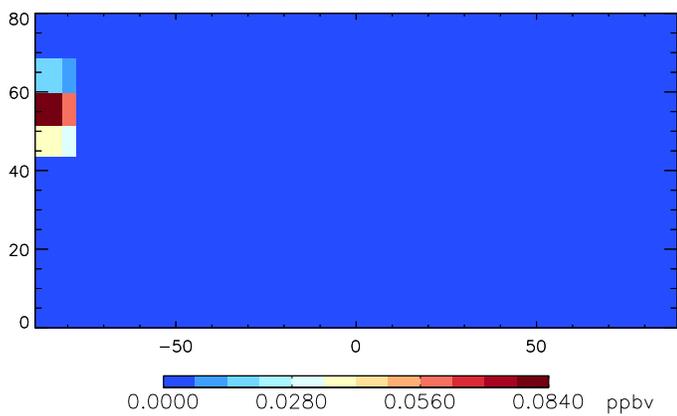
Tracer Curtain @    −180.000 — NO3
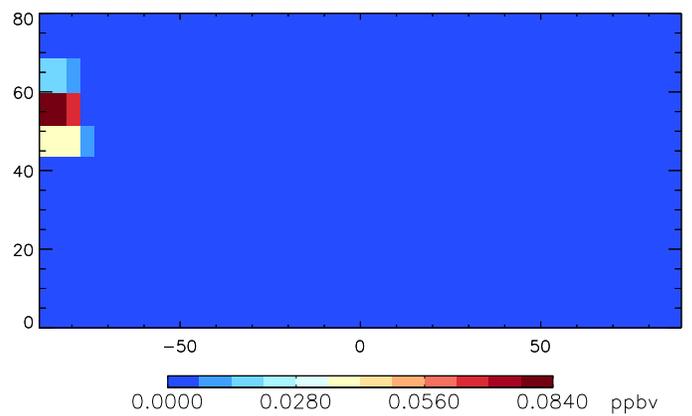
Tracer Curtain Zonal mean — HNO2
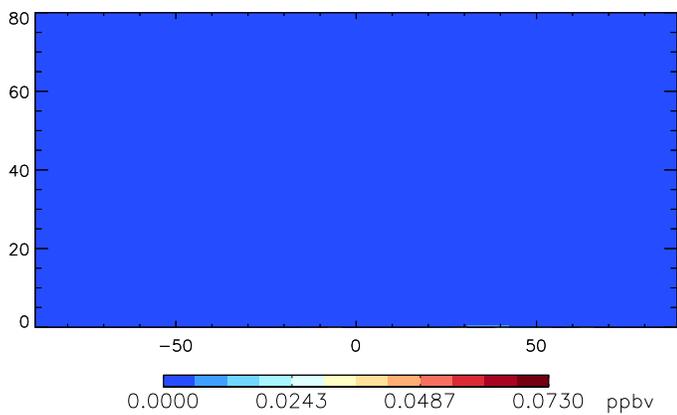
Tracer Curtain @    −180.000 — HNO2
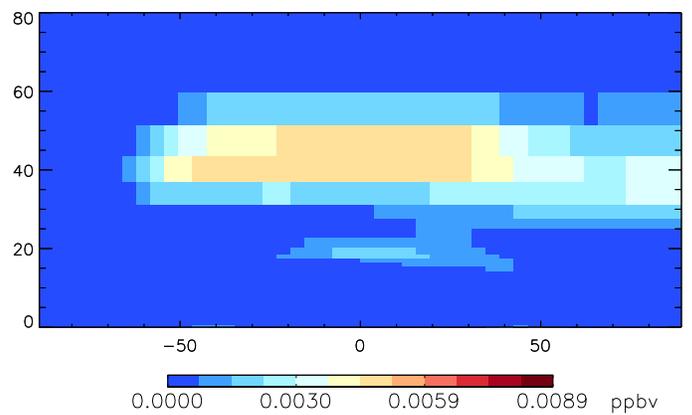
GEOS-Chem v9-02n Zonal mean and curtain at 180E

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Tracer Curtain Zonal mean – OH

Tracer Curtain @      –180.000 – OH

0.0000      9.9475      19.8951      29.8426 1e5 molec/cm3

0.0000      11.2572      22.5144      33.7716 1e5 molec/cm3
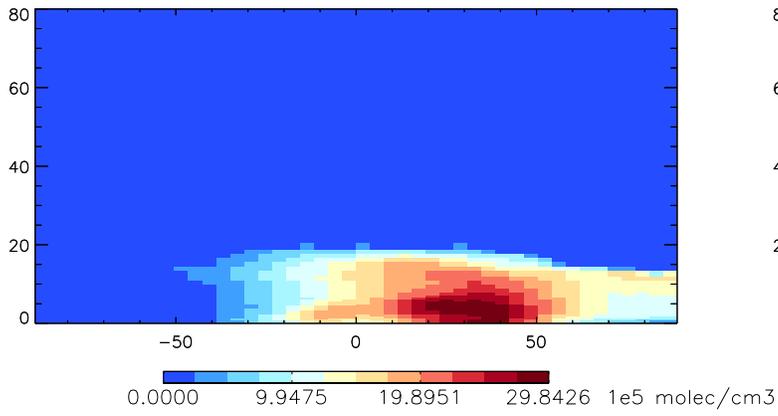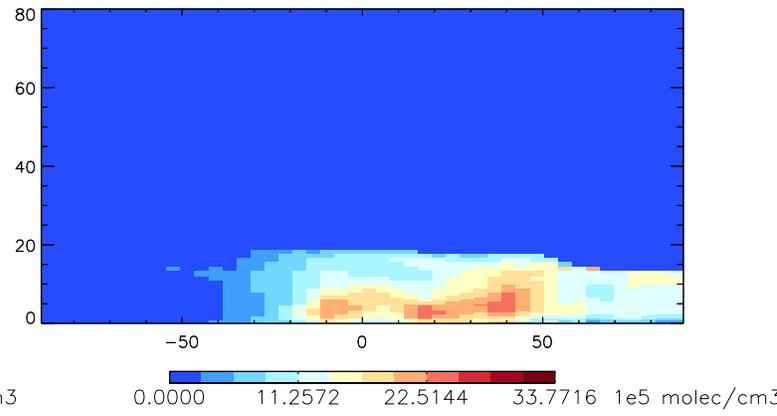
Tracer Curtain Zonal mean – HO2

Tracer Curtain @      –180.000 – HO2

0.0000      3.7170      7.4341      11.1511 pptv

0.0000      3.5404      7.0808      10.6212 pptv