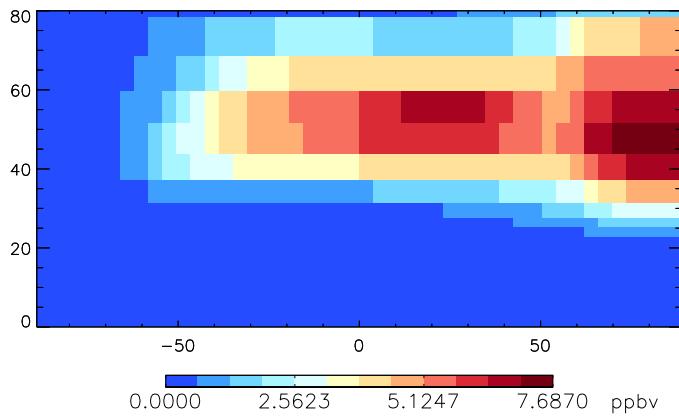


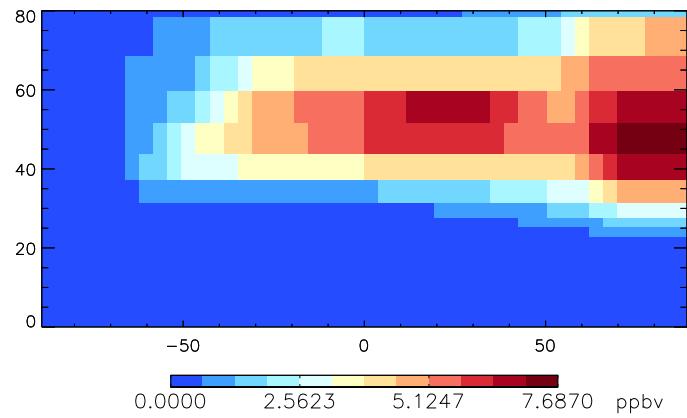
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

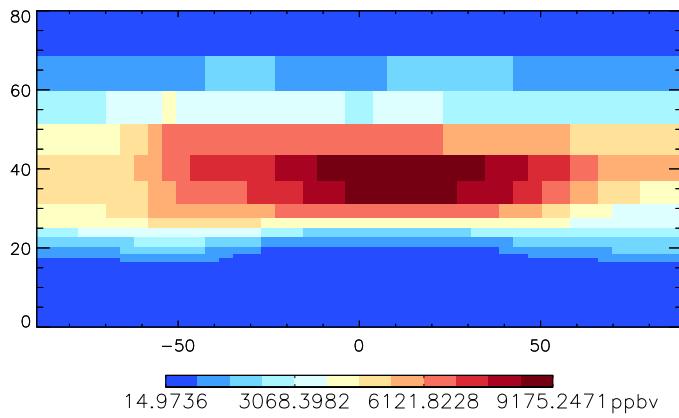
Tracer Curtain Zonal mean – NO



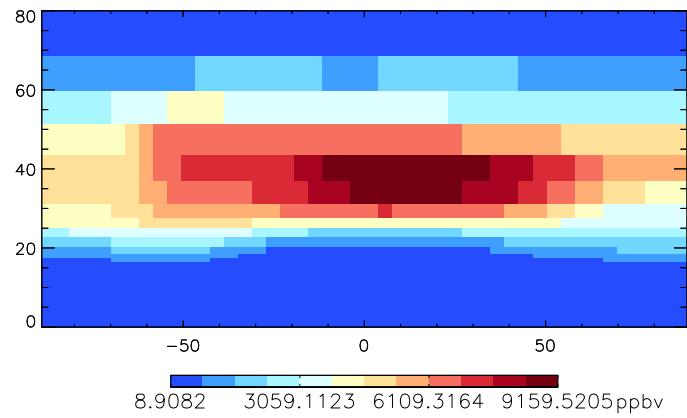
Tracer Curtain @ -180.000 – NO



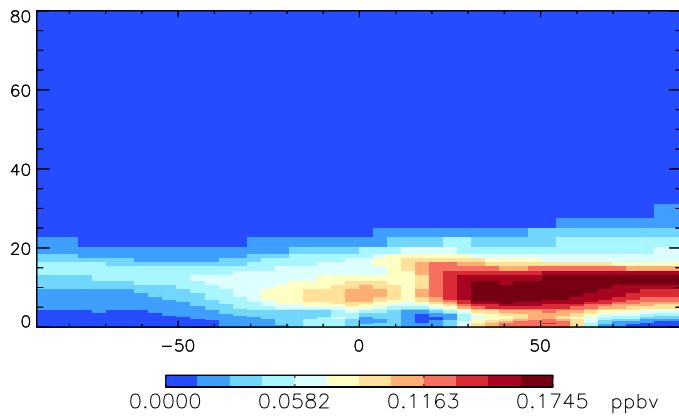
Tracer Curtain Zonal mean – O3



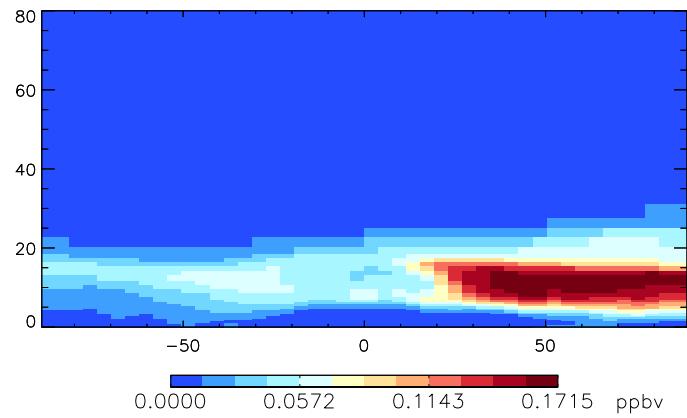
Tracer Curtain @ -180.000 – O3



Tracer Curtain Zonal mean – PAN



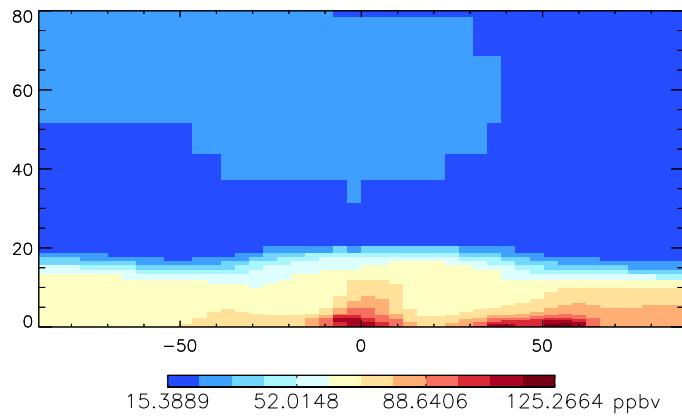
Tracer Curtain @ -180.000 – PAN



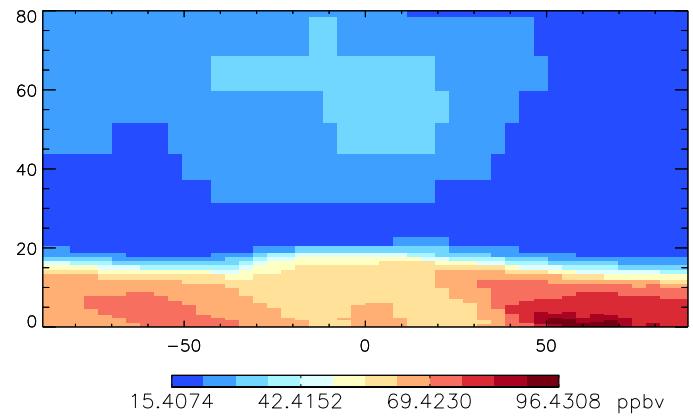
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

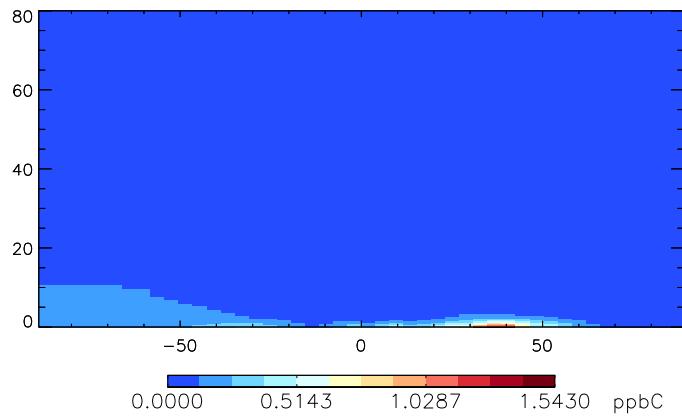
Tracer Curtain Zonal mean – CO



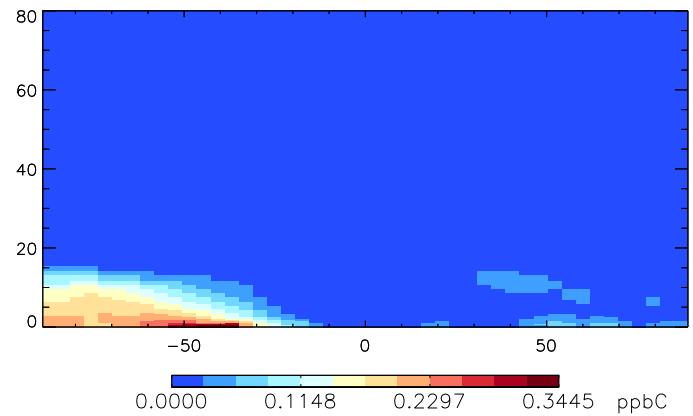
Tracer Curtain @ –180.000 – CO



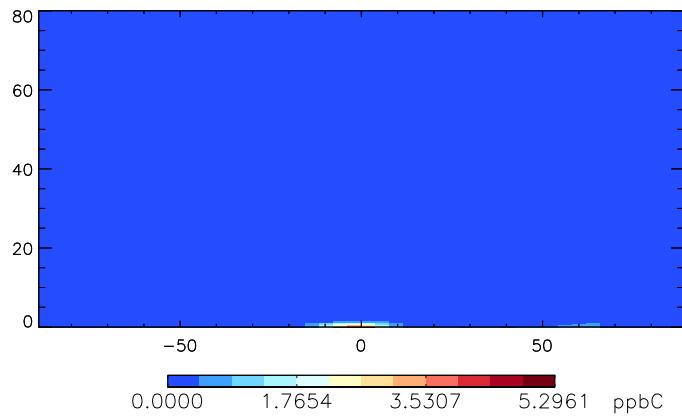
Tracer Curtain Zonal mean – ALK4



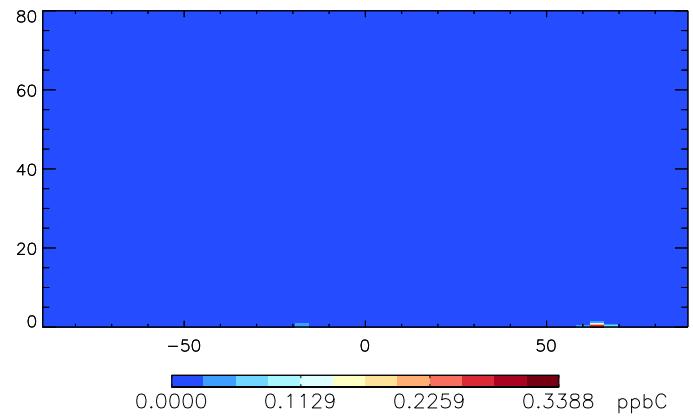
Tracer Curtain @ –180.000 – ALK4



Tracer Curtain Zonal mean – ISOP



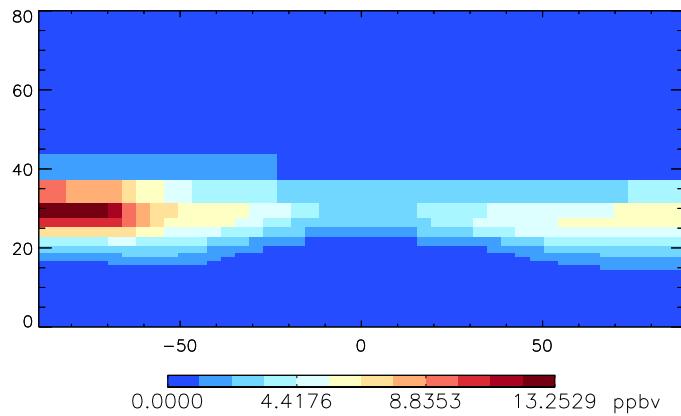
Tracer Curtain @ –180.000 – ISOP



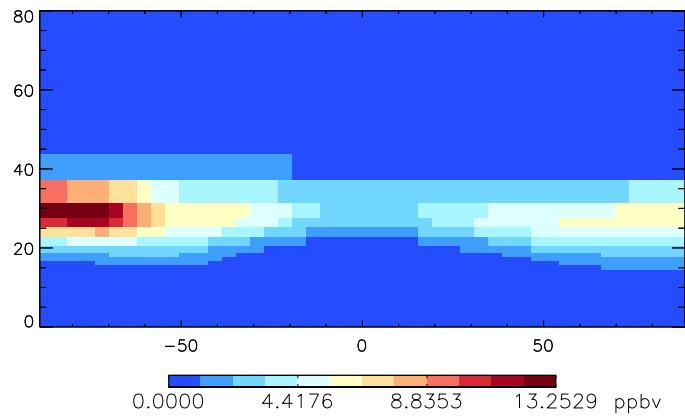
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

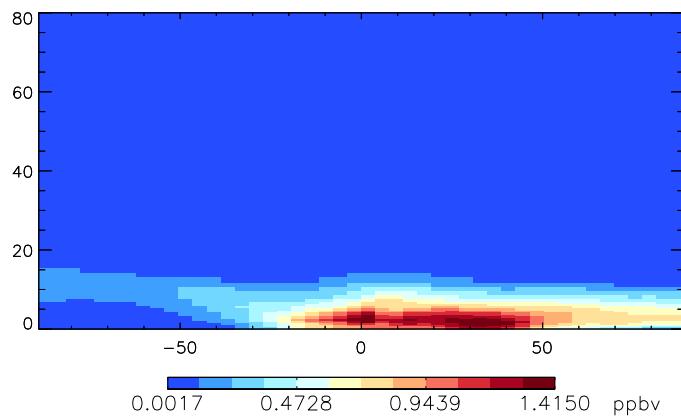
Tracer Curtain Zonal mean – HNO<sub>3</sub>



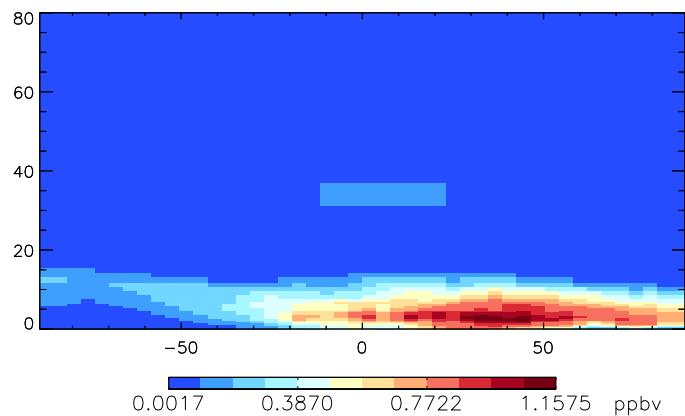
Tracer Curtain @ –180.000 – HNO<sub>3</sub>



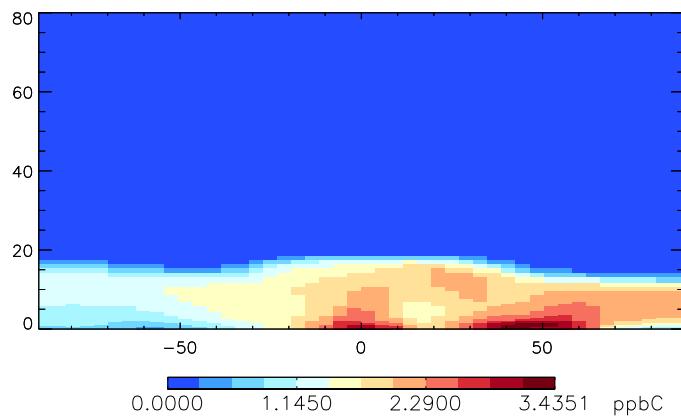
Tracer Curtain Zonal mean – H<sub>2</sub>O<sub>2</sub>



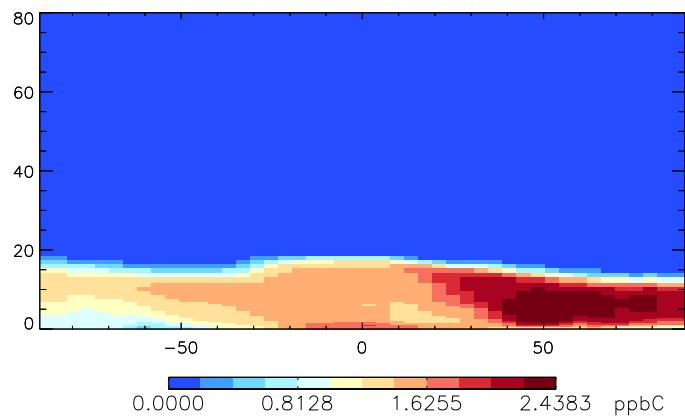
Tracer Curtain @ –180.000 – H<sub>2</sub>O<sub>2</sub>



Tracer Curtain Zonal mean – ACET



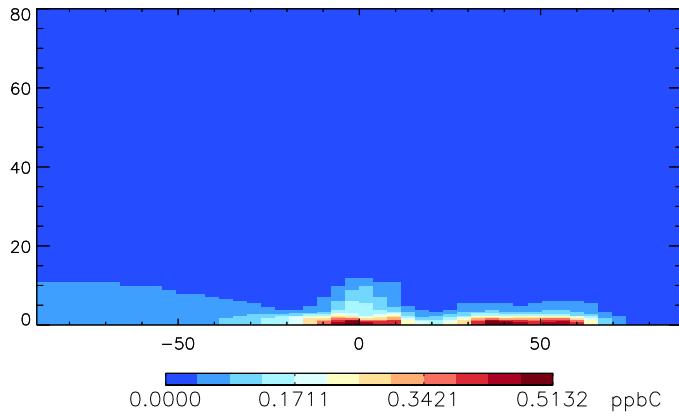
Tracer Curtain @ –180.000 – ACET



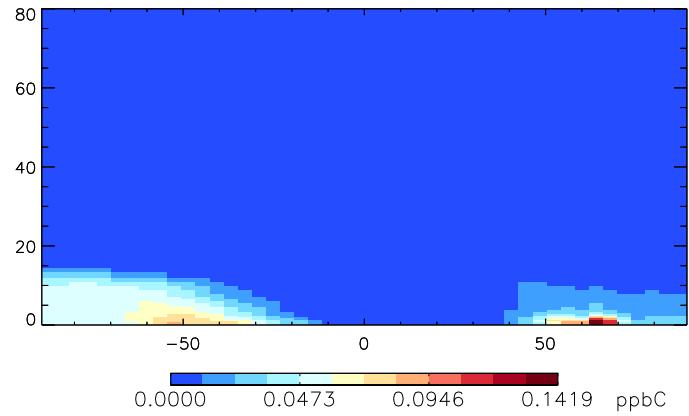
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

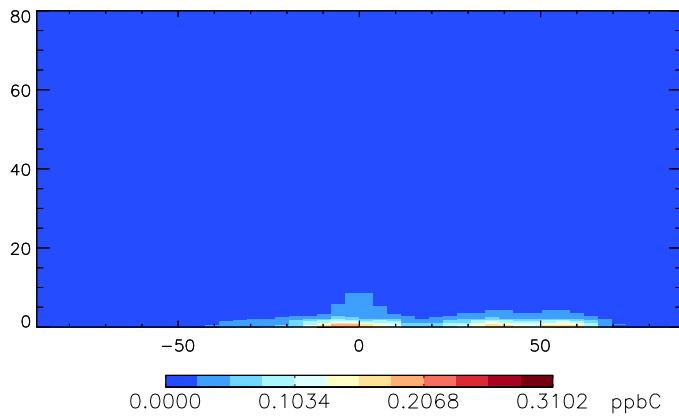
Tracer Curtain Zonal mean – MEK



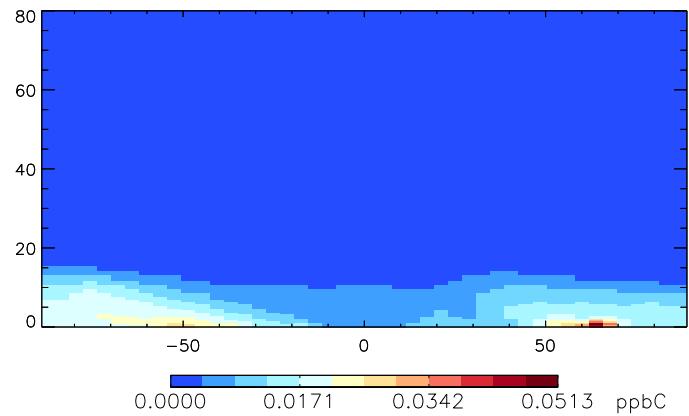
Tracer Curtain @ –180.000 – MEK



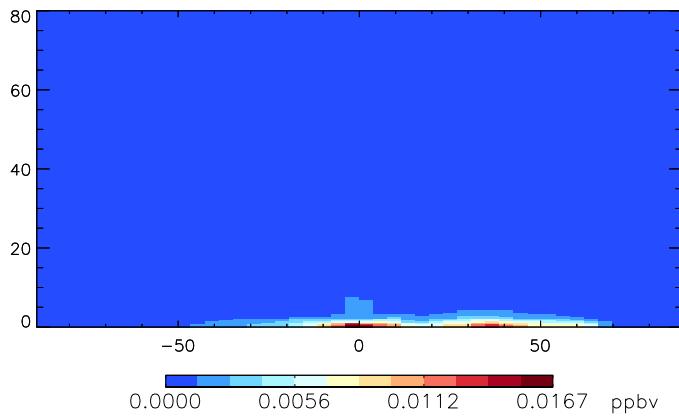
Tracer Curtain Zonal mean – ALD2



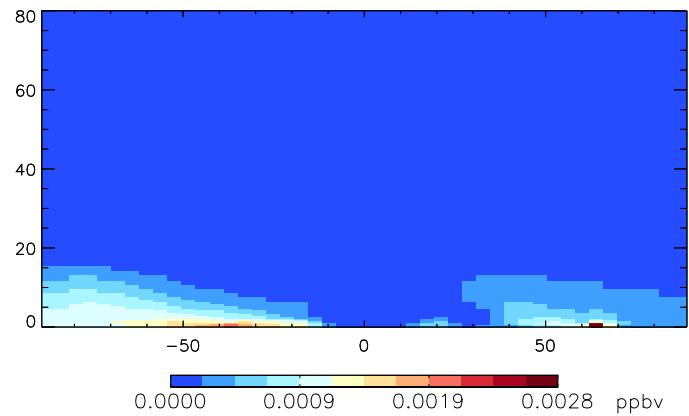
Tracer Curtain @ –180.000 – ALD2



Tracer Curtain Zonal mean – RCHO



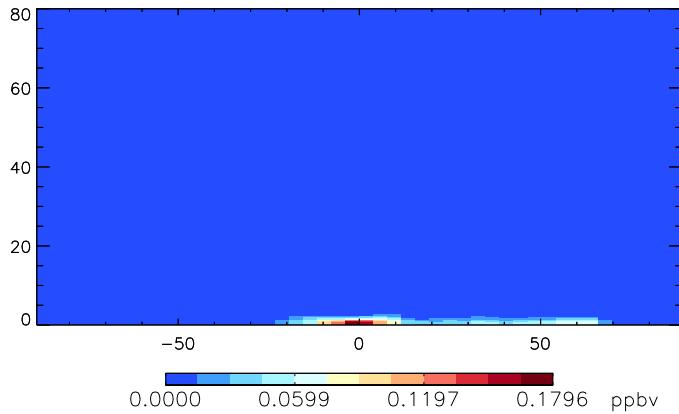
Tracer Curtain @ –180.000 – RCHO



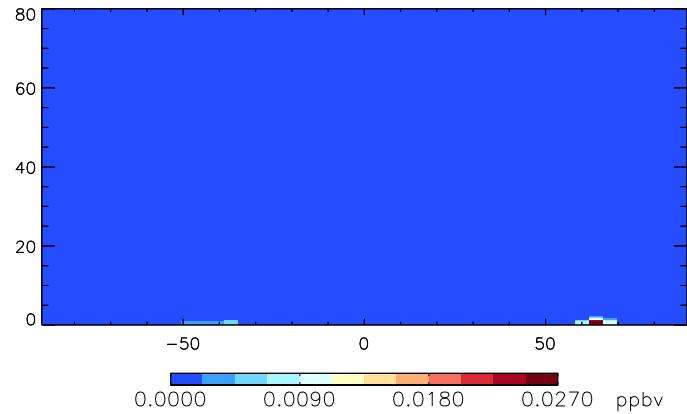
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

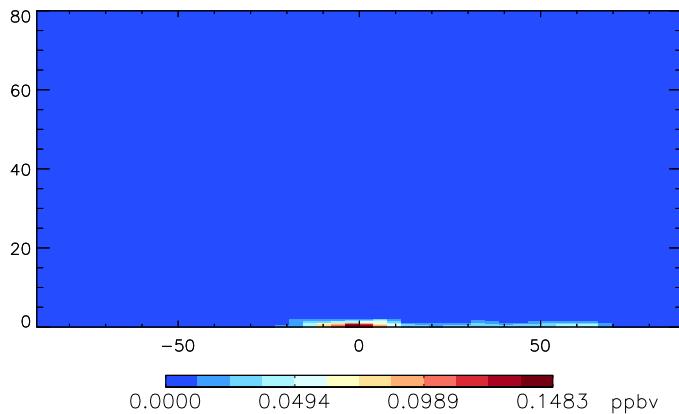
Tracer Curtain Zonal mean – MVK



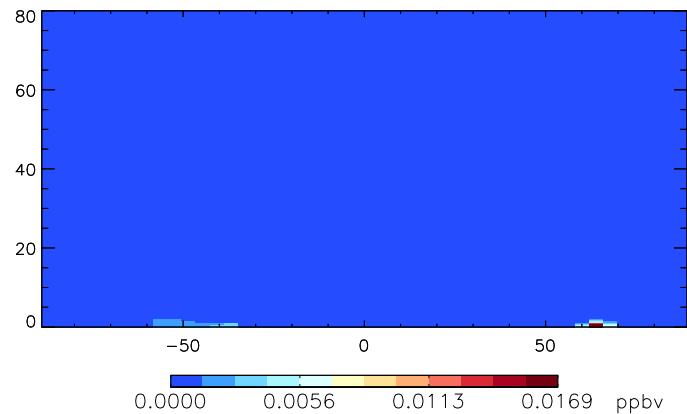
Tracer Curtain @ -180.000 – MVK



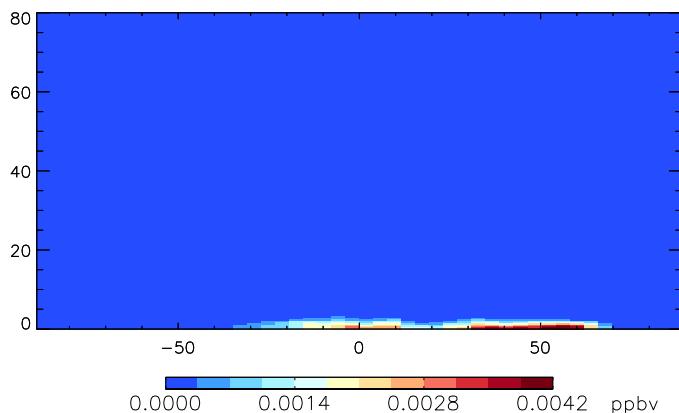
Tracer Curtain Zonal mean – MACR



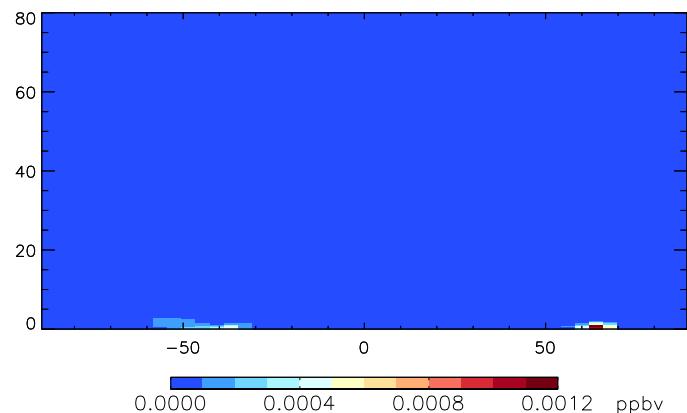
Tracer Curtain @ -180.000 – MACR



Tracer Curtain Zonal mean – PMN



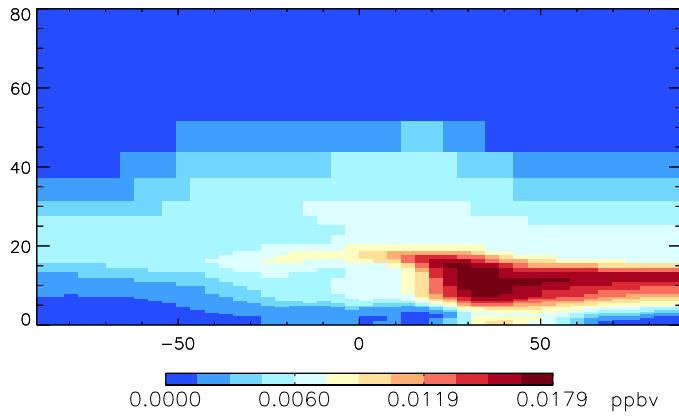
Tracer Curtain @ -180.000 – PMN



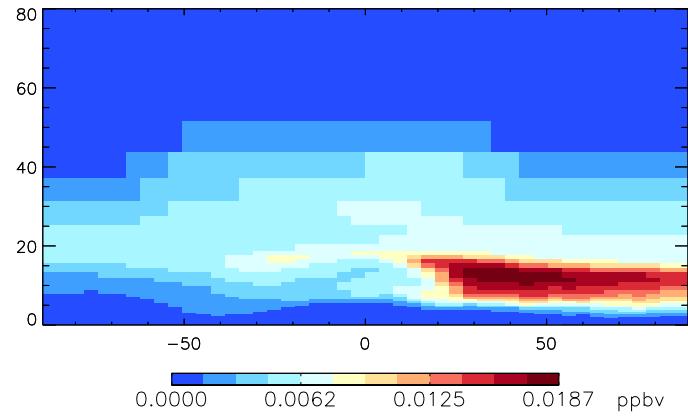
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

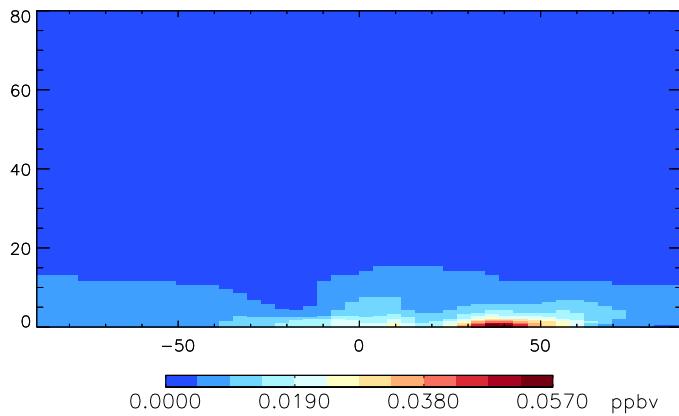
Tracer Curtain Zonal mean – PPN



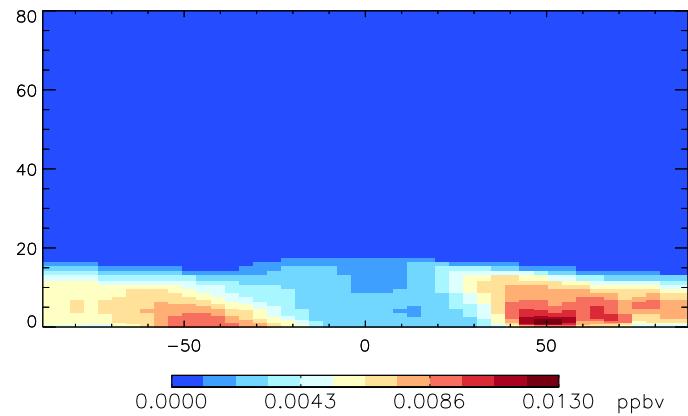
Tracer Curtain @ -180.000 – PPN



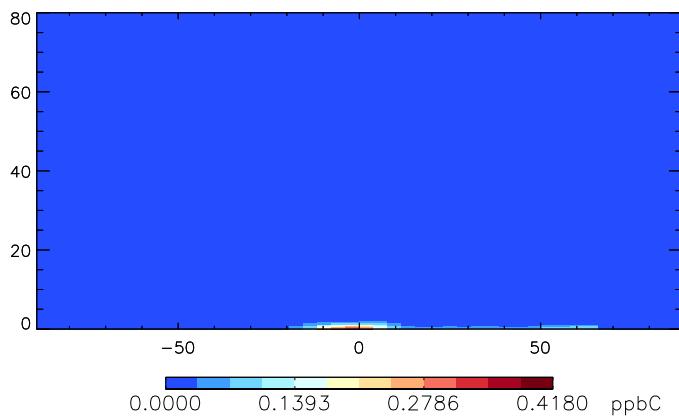
Tracer Curtain Zonal mean – R4N2



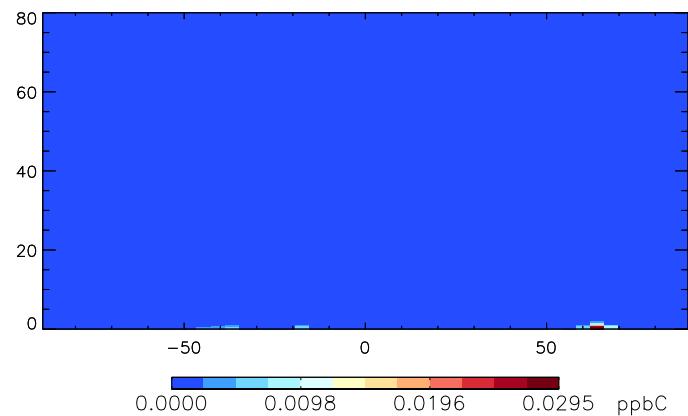
Tracer Curtain @ -180.000 – R4N2



Tracer Curtain Zonal mean – PRPE



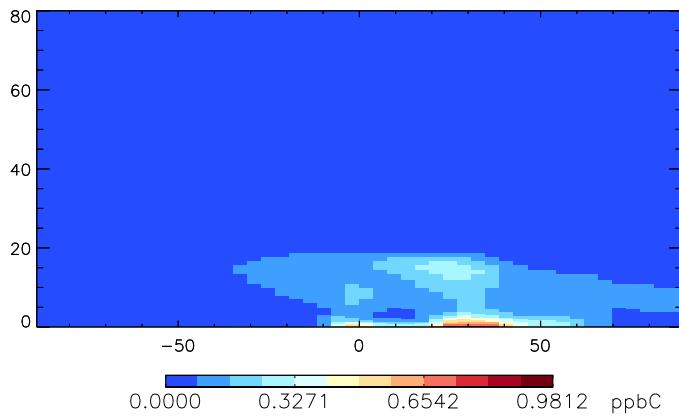
Tracer Curtain @ -180.000 – PRPE



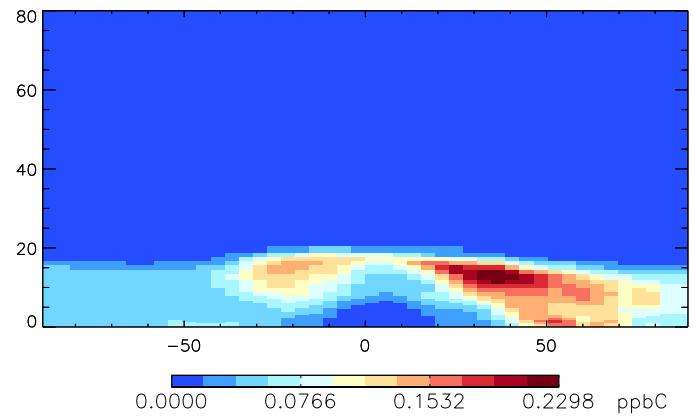
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

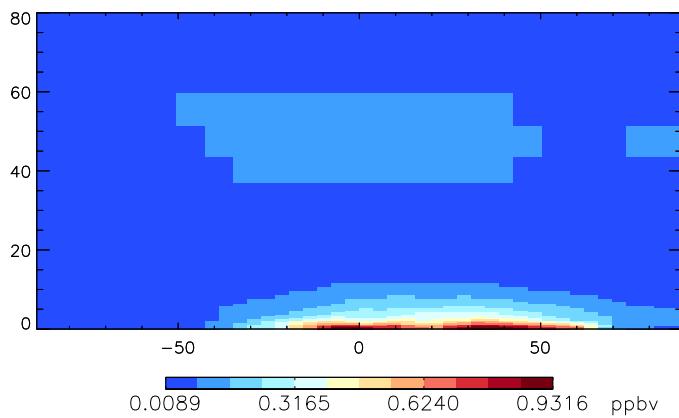
Tracer Curtain Zonal mean – C3H8



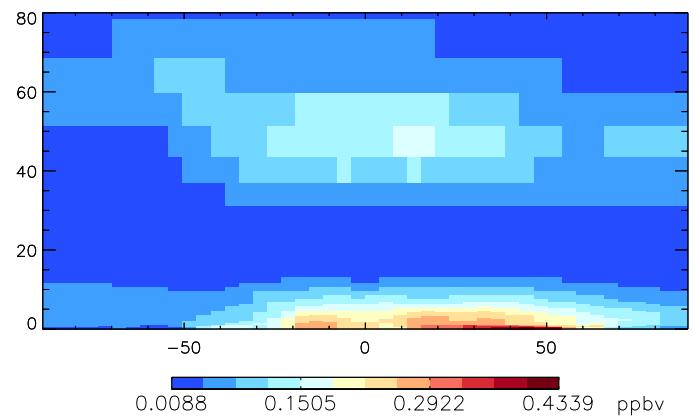
Tracer Curtain @ –180.000 – C3H8



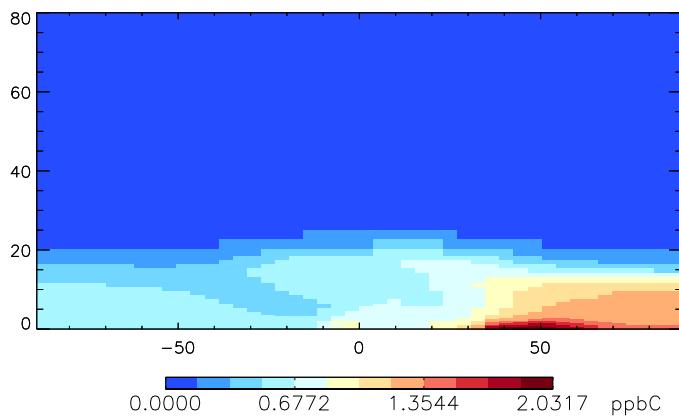
Tracer Curtain Zonal mean – CH2O



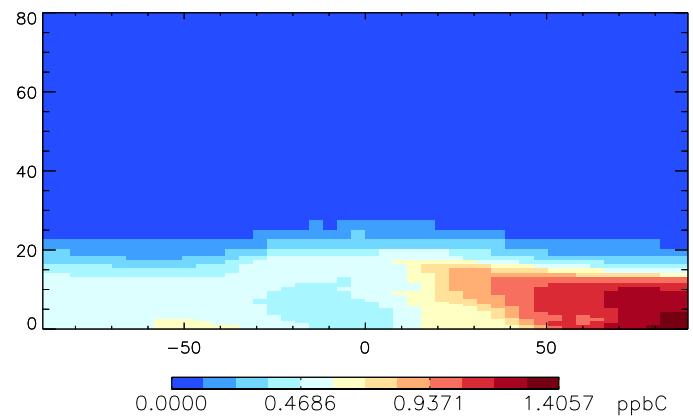
Tracer Curtain @ –180.000 – CH2O



Tracer Curtain Zonal mean – C2H6



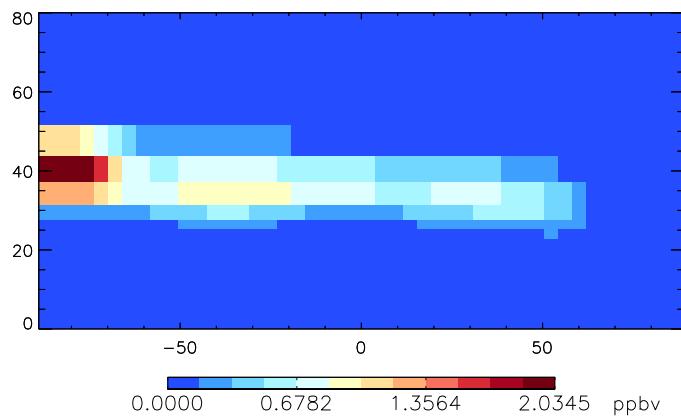
Tracer Curtain @ –180.000 – C2H6



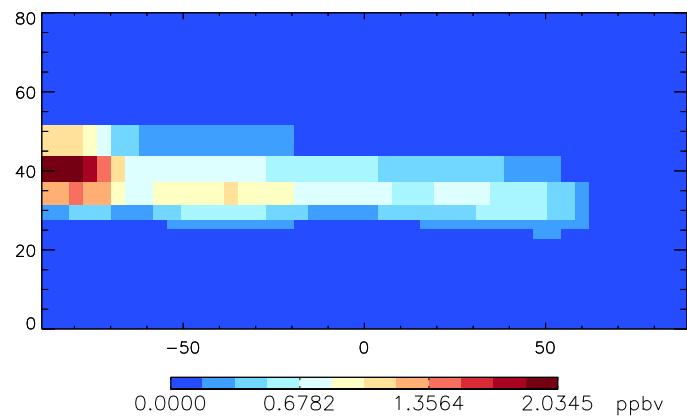
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

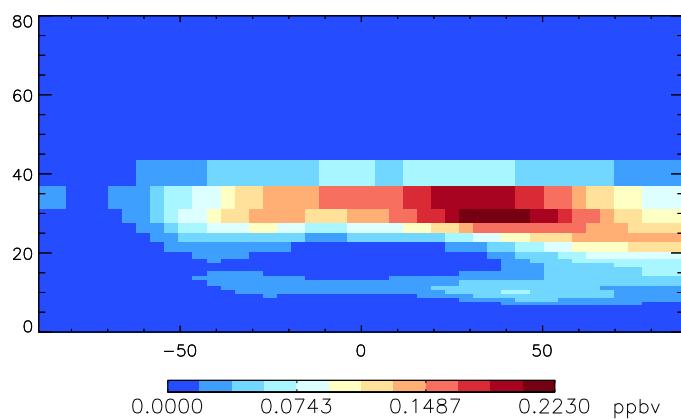
Tracer Curtain Zonal mean – N205



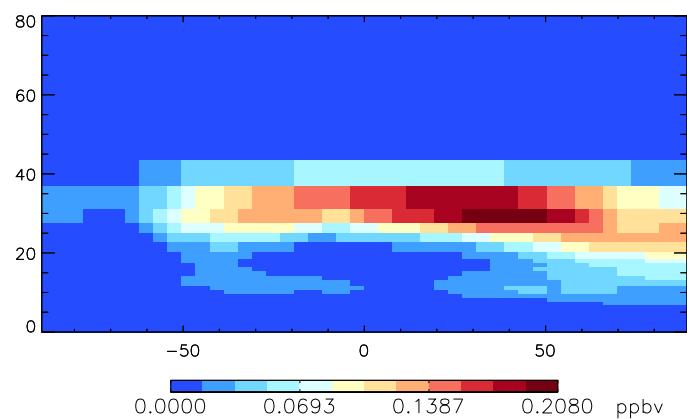
Tracer Curtain @ -180.000 – N205



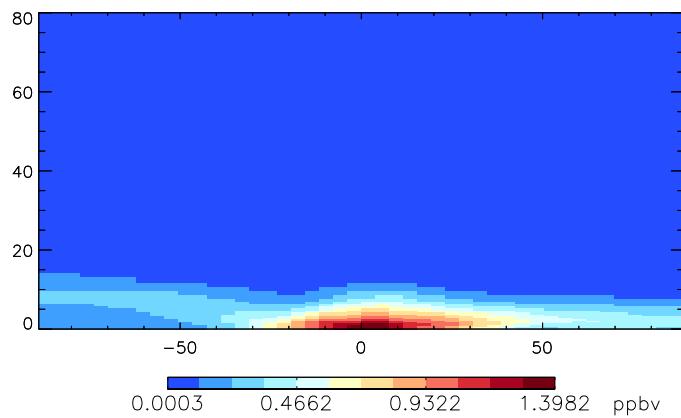
Tracer Curtain Zonal mean – HNO4



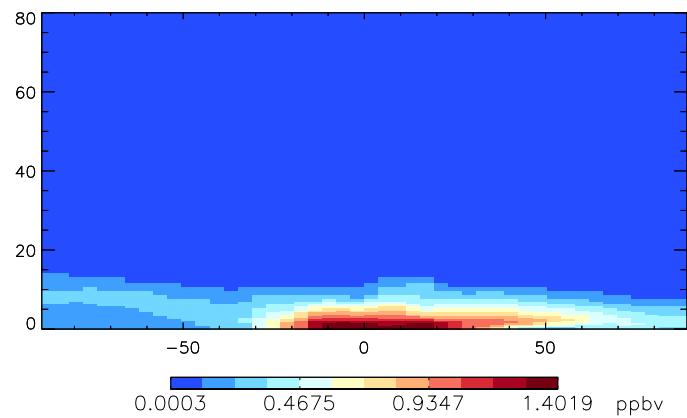
Tracer Curtain @ -180.000 – HNO4



Tracer Curtain Zonal mean – MP



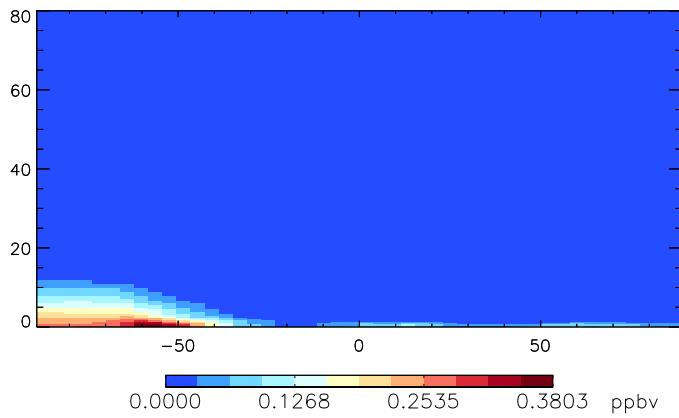
Tracer Curtain @ -180.000 – MP



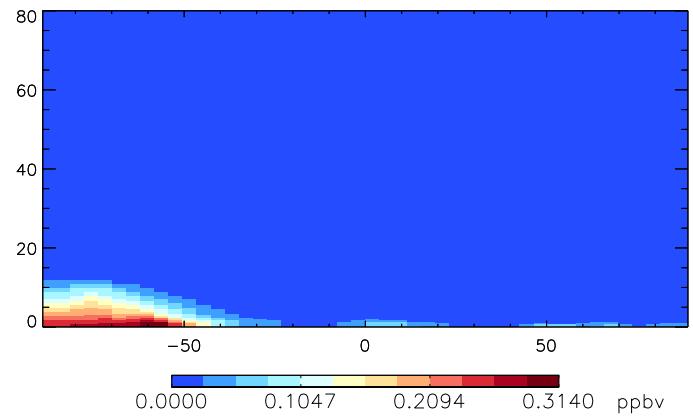
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

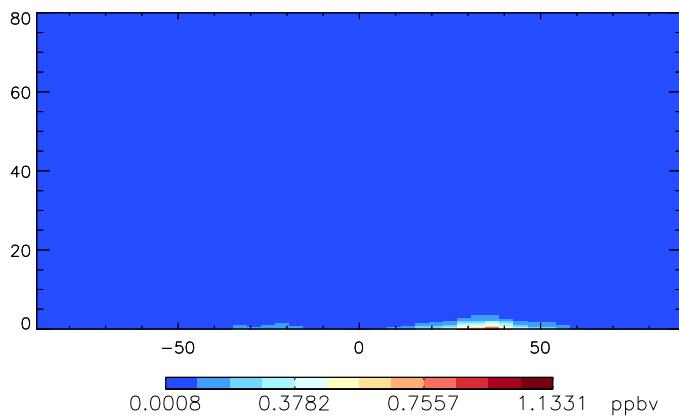
Tracer Curtain Zonal mean – DMS



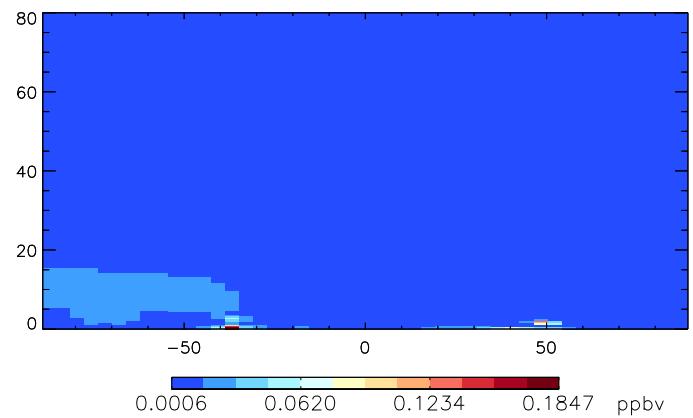
Tracer Curtain @ –180.000 – DMS



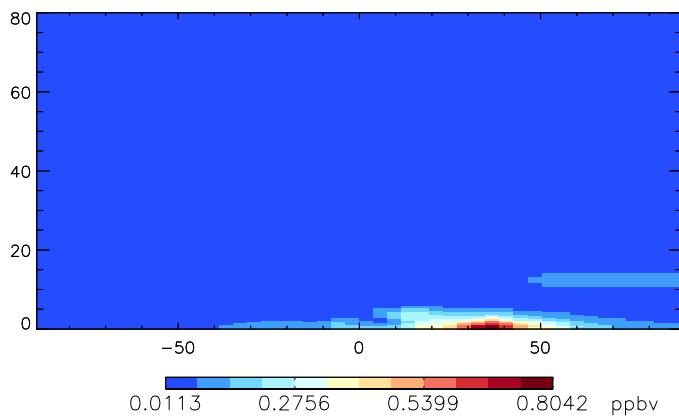
Tracer Curtain Zonal mean – SO2



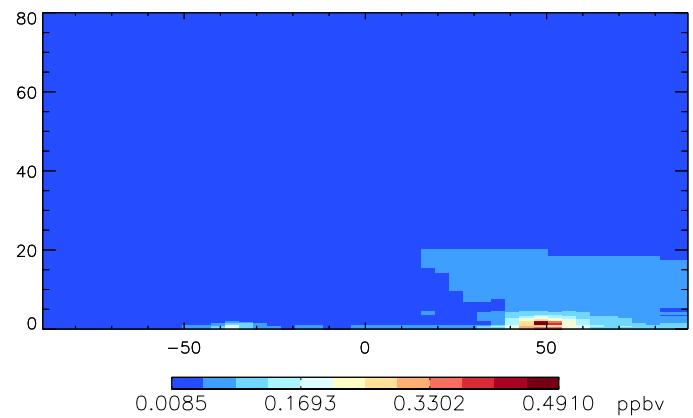
Tracer Curtain @ –180.000 – SO2



Tracer Curtain Zonal mean – SO4

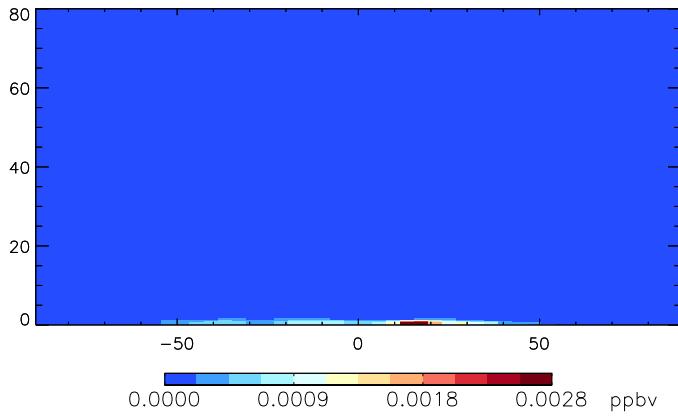
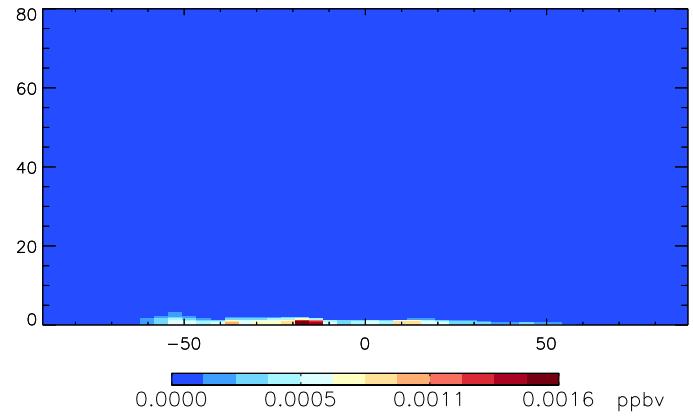


Tracer Curtain @ –180.000 – SO4

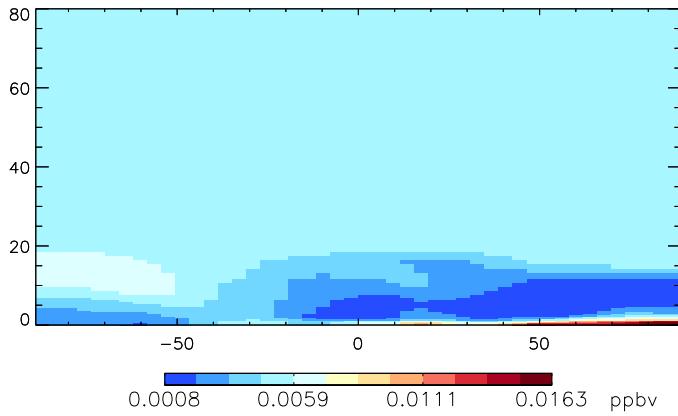


## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

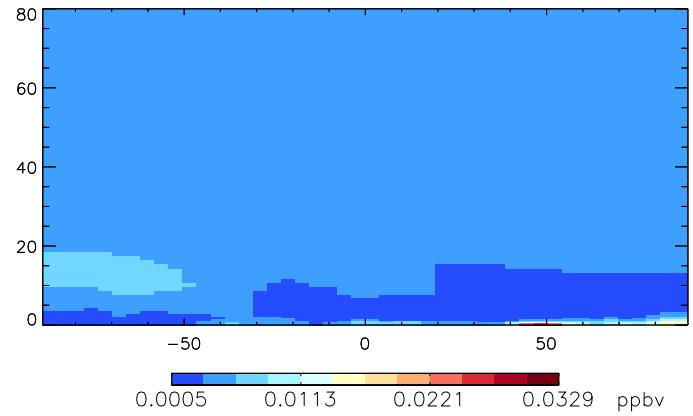
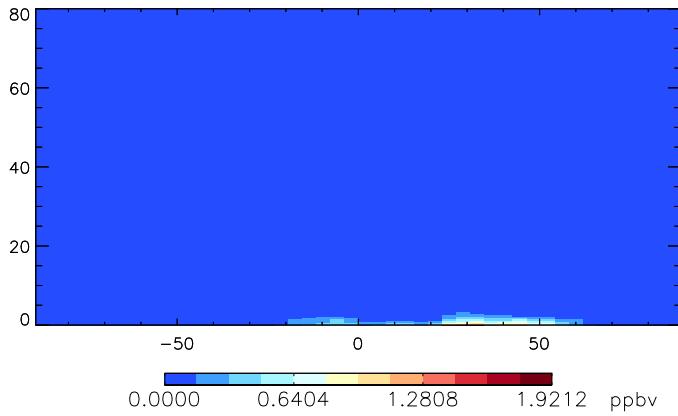
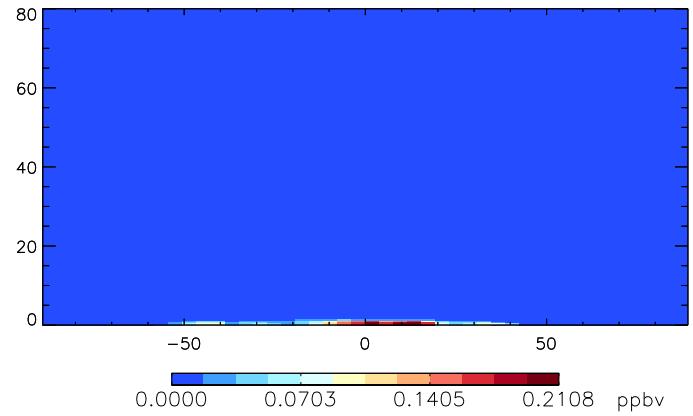
ctm.bpch.v9-02r.geosfp

Tracer Curtain Zonal mean – SO<sub>4</sub>sTracer Curtain @ -180.000 – SO<sub>4</sub>s

Tracer Curtain Zonal mean – MSA



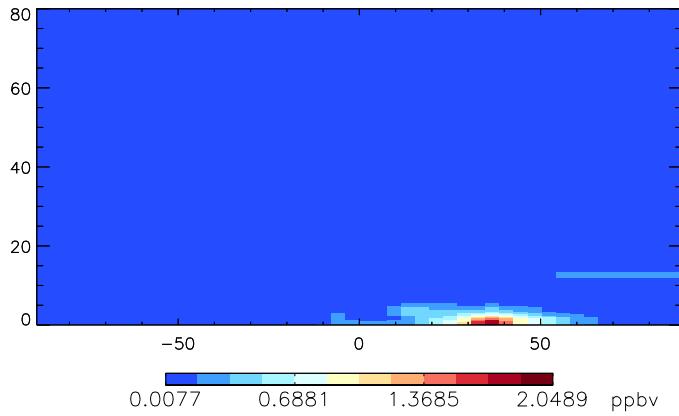
Tracer Curtain @ -180.000 – MSA

Tracer Curtain Zonal mean – NH<sub>3</sub>Tracer Curtain @ -180.000 – NH<sub>3</sub>

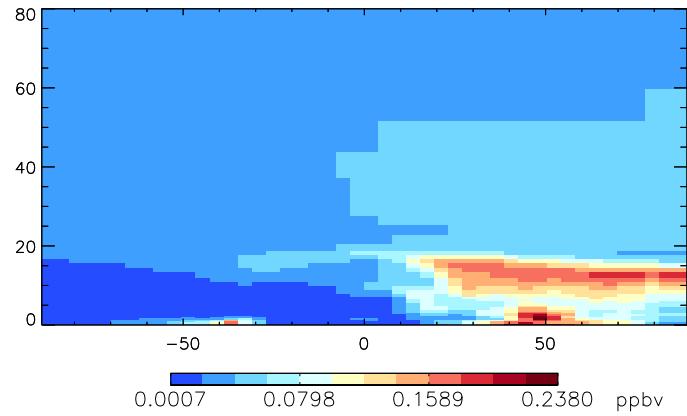
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

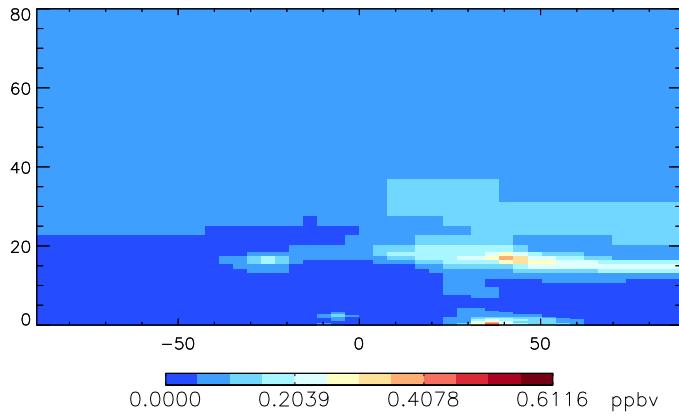
Tracer Curtain Zonal mean – NH4



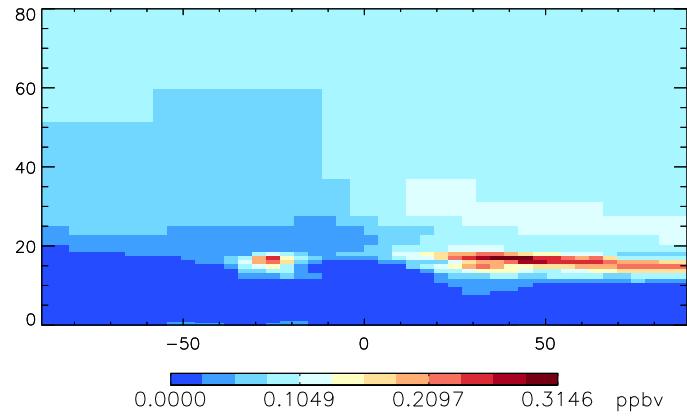
Tracer Curtain @ –180.000 – NH4



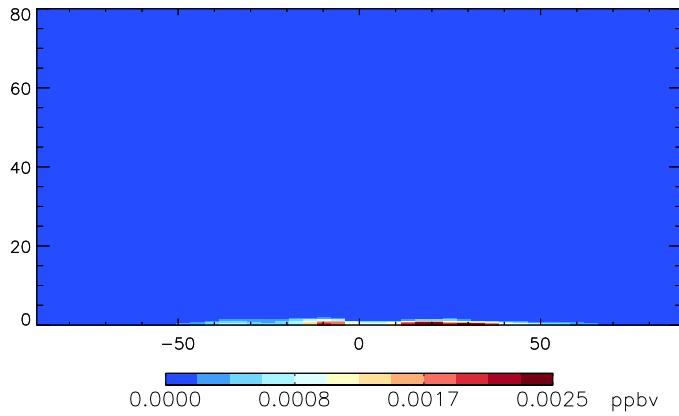
Tracer Curtain Zonal mean – NIT



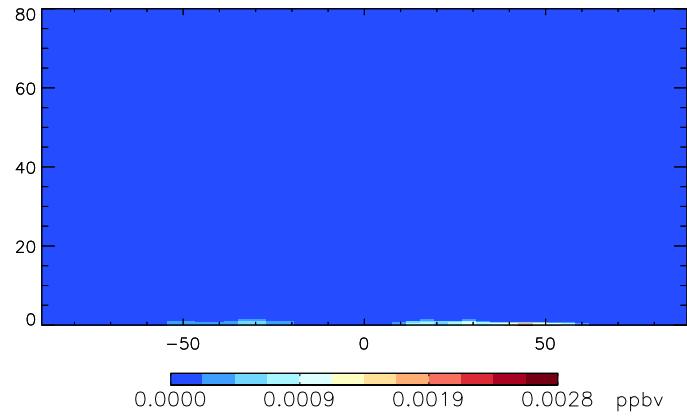
Tracer Curtain @ –180.000 – NIT



Tracer Curtain Zonal mean – NITs



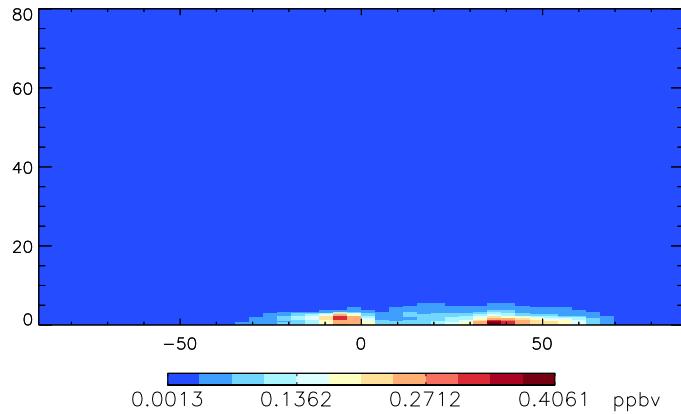
Tracer Curtain @ –180.000 – NITs



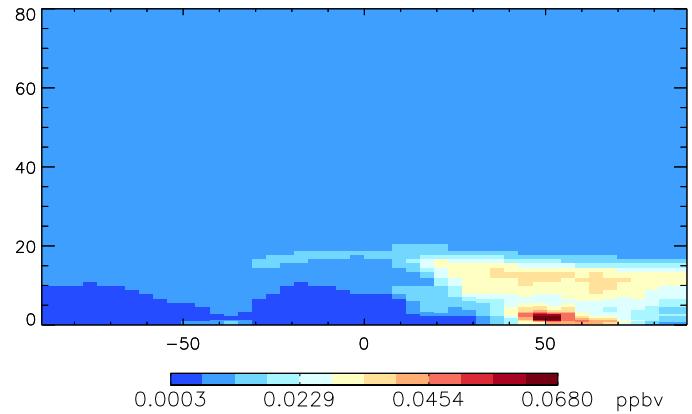
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

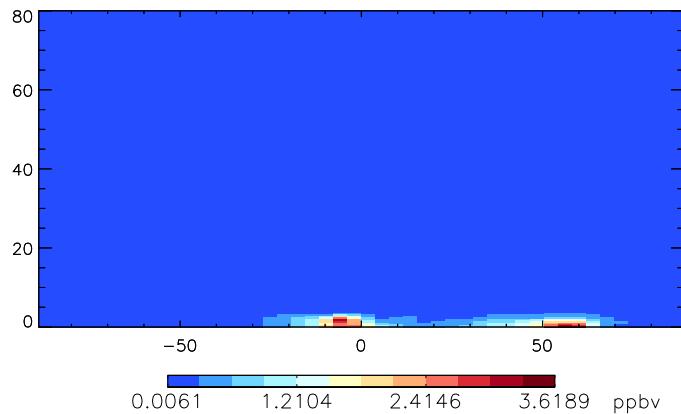
Tracer Curtain Zonal mean – BCPI



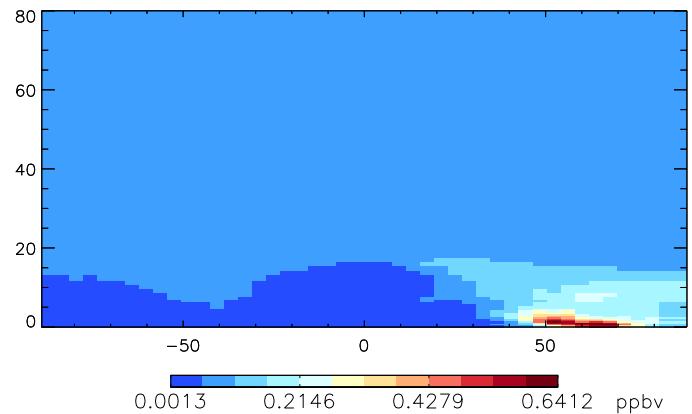
Tracer Curtain @ –180.000 – BCPI



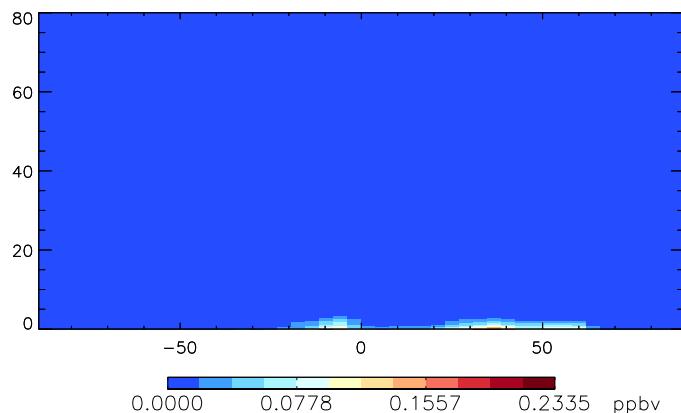
Tracer Curtain Zonal mean – OCPI



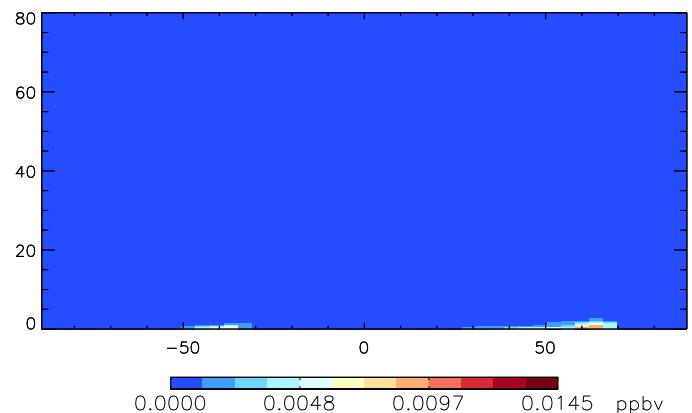
Tracer Curtain @ –180.000 – OCPI



Tracer Curtain Zonal mean – BCPO



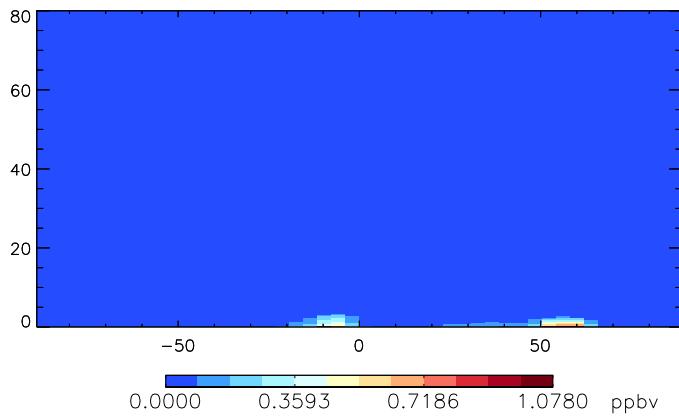
Tracer Curtain @ –180.000 – BCPO



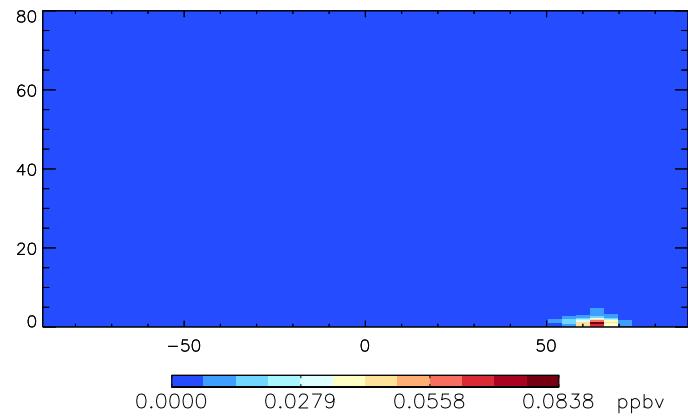
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

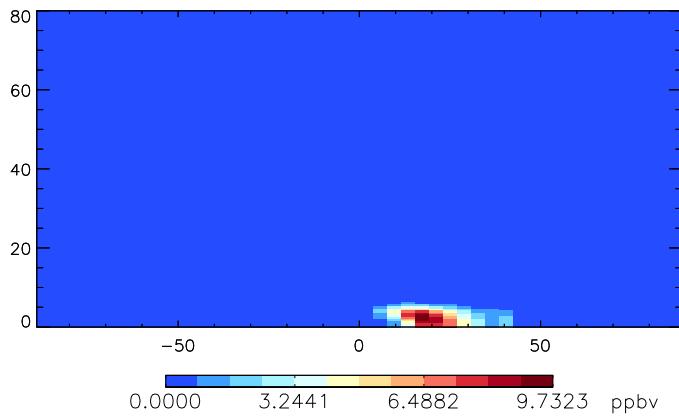
Tracer Curtain Zonal mean – OCP0



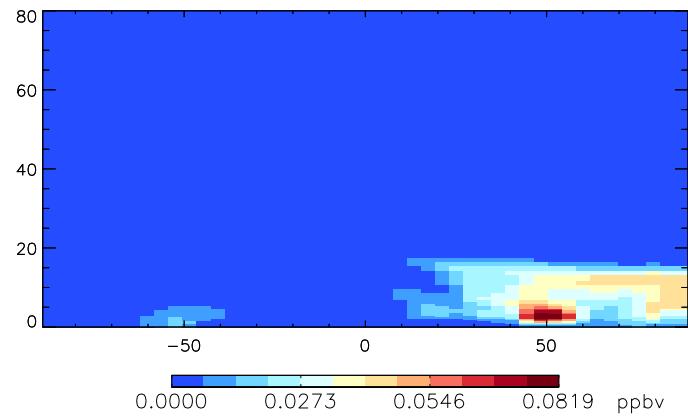
Tracer Curtain @ -180.000 – OCP0



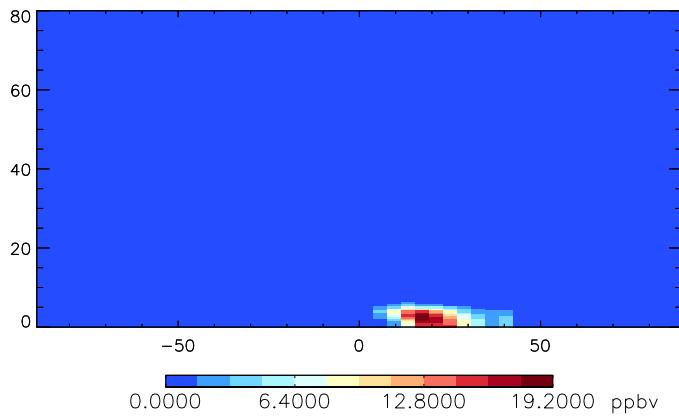
Tracer Curtain Zonal mean – DST1



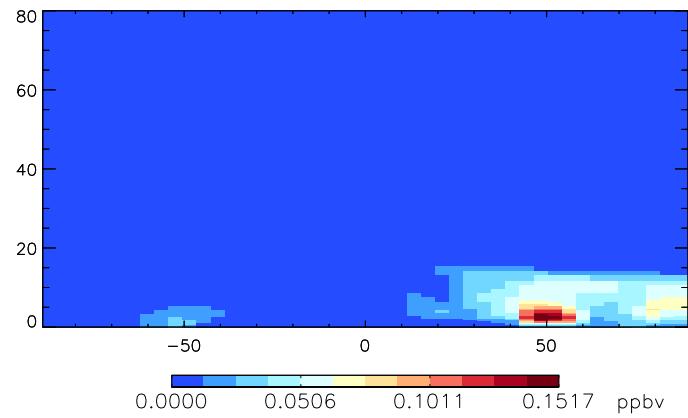
Tracer Curtain @ -180.000 – DST1



Tracer Curtain Zonal mean – DST2



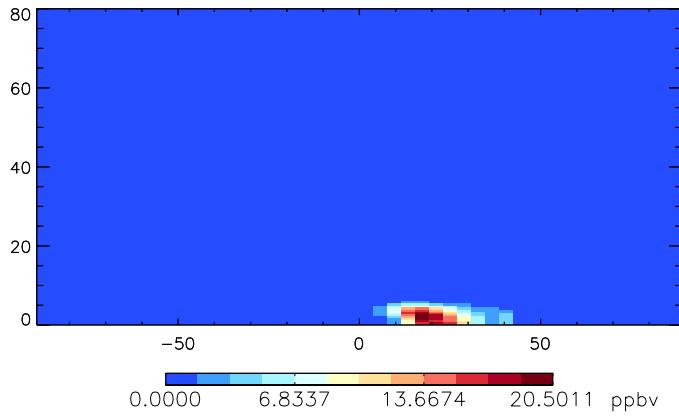
Tracer Curtain @ -180.000 – DST2



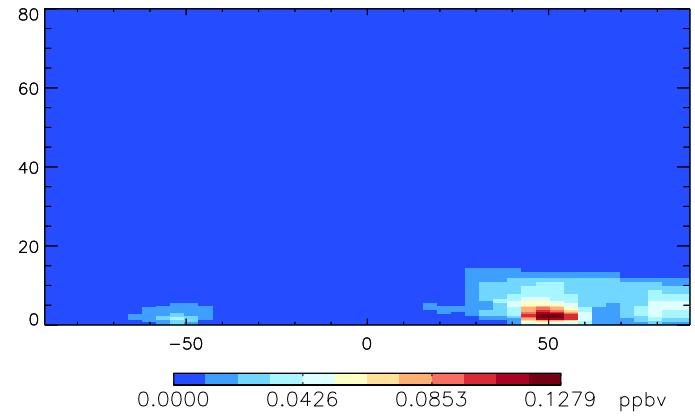
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

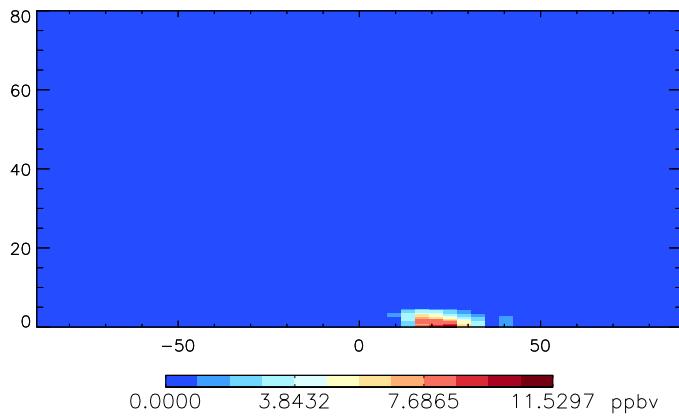
Tracer Curtain Zonal mean – DST3



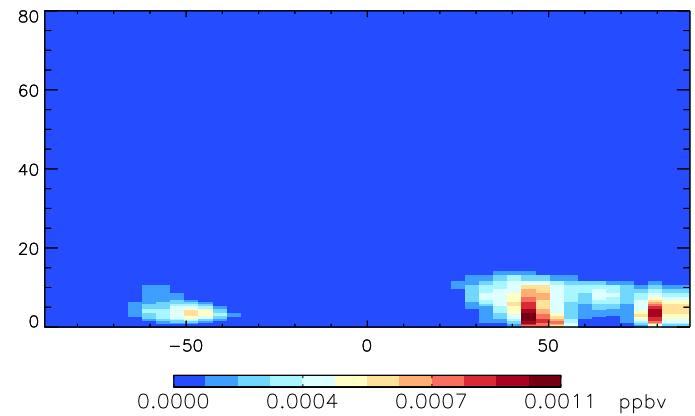
Tracer Curtain @ -180.000 – DST3



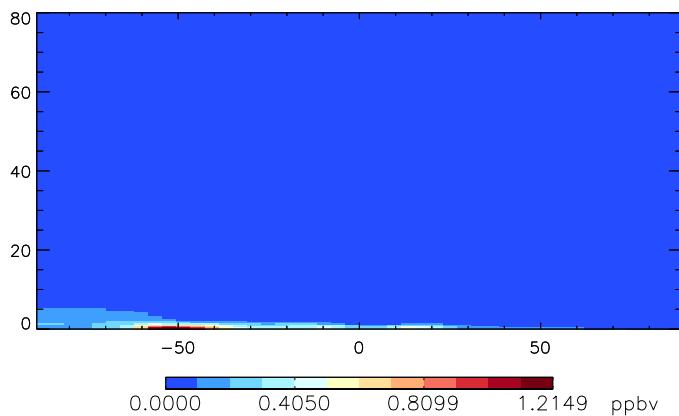
Tracer Curtain Zonal mean – DST4



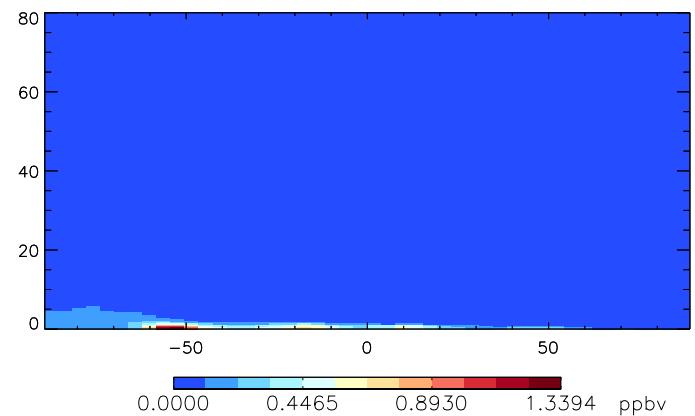
Tracer Curtain @ -180.000 – DST4



Tracer Curtain Zonal mean – SALA



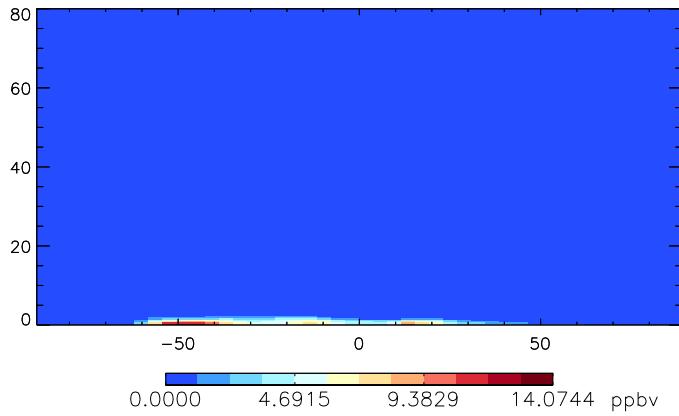
Tracer Curtain @ -180.000 – SALA



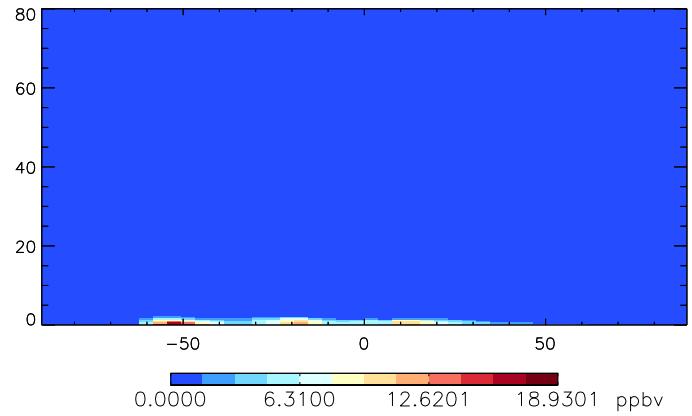
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

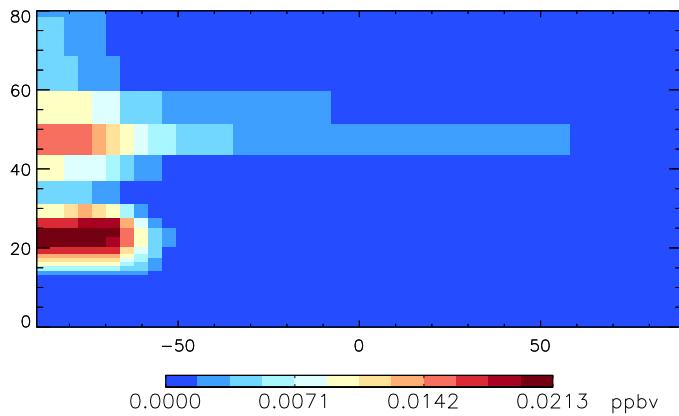
Tracer Curtain Zonal mean – SALC



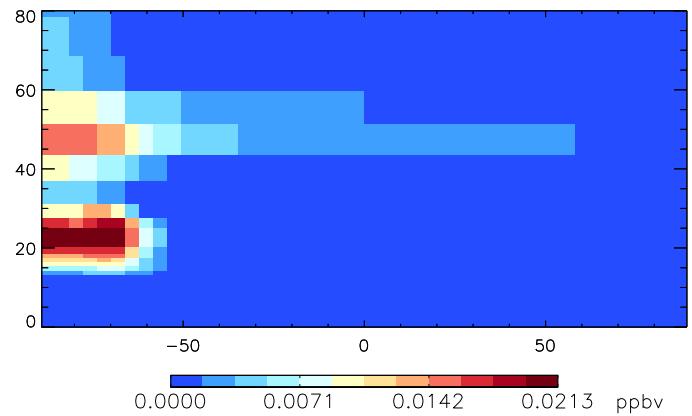
Tracer Curtain @ –180.000 – SALC



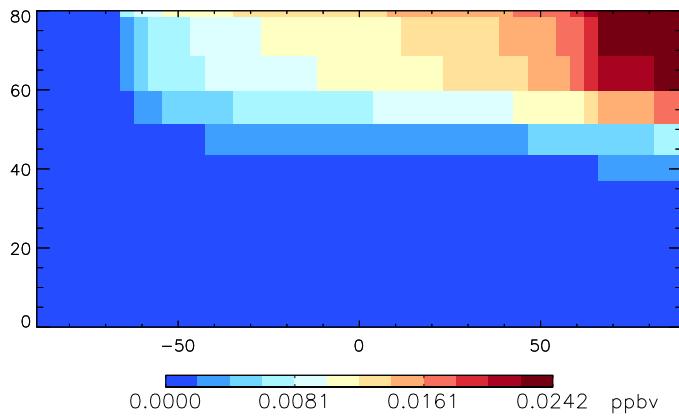
Tracer Curtain Zonal mean – Br2



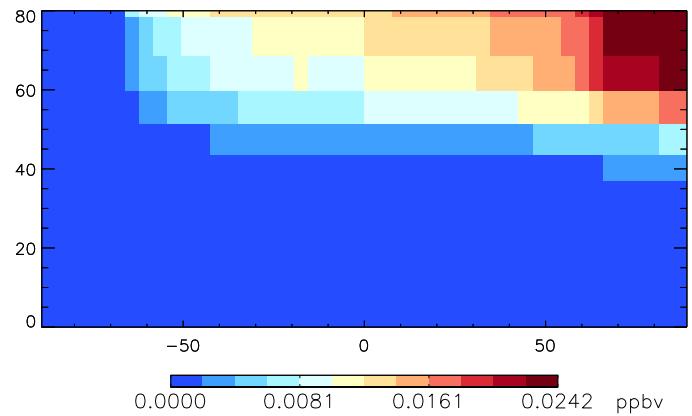
Tracer Curtain @ –180.000 – Br2



Tracer Curtain Zonal mean – Br



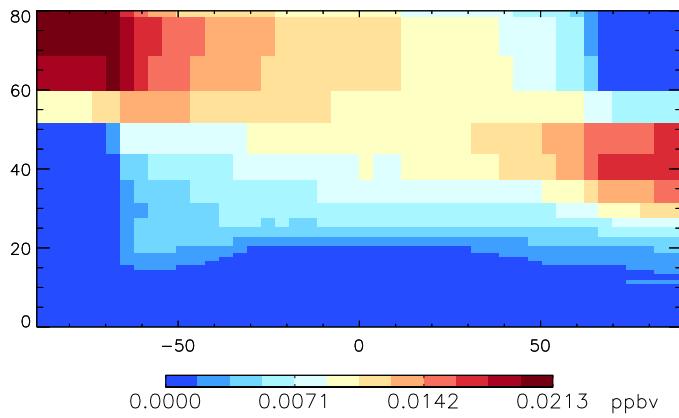
Tracer Curtain @ –180.000 – Br



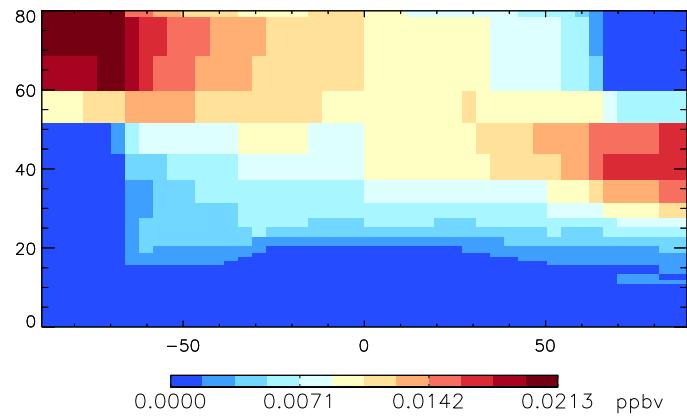
GEOS-Chem v9–02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9–02r.geosfp

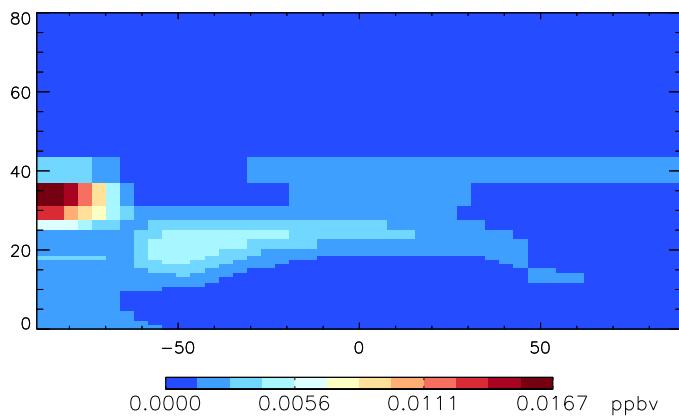
Tracer Curtain Zonal mean – BrO



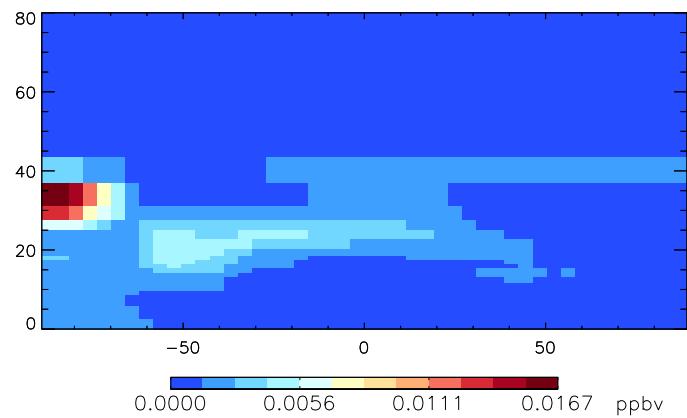
Tracer Curtain @ –180.000 – BrO



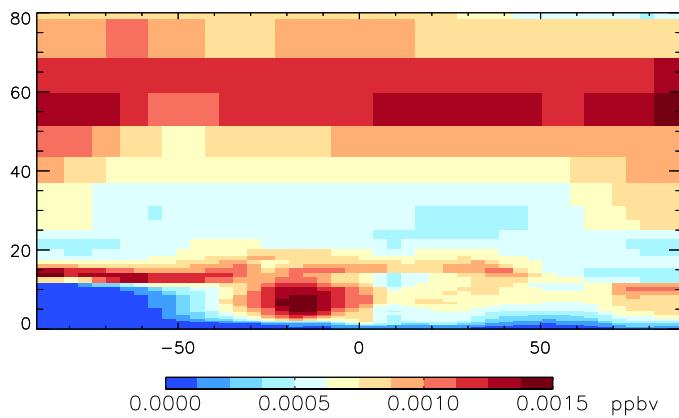
Tracer Curtain Zonal mean – HOBr



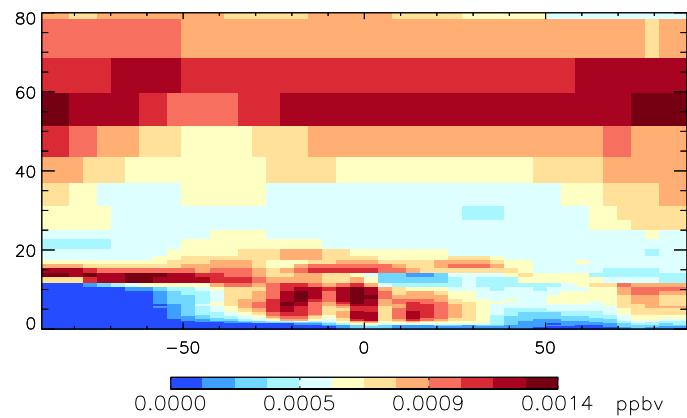
Tracer Curtain @ –180.000 – HOBr



Tracer Curtain Zonal mean – HBr

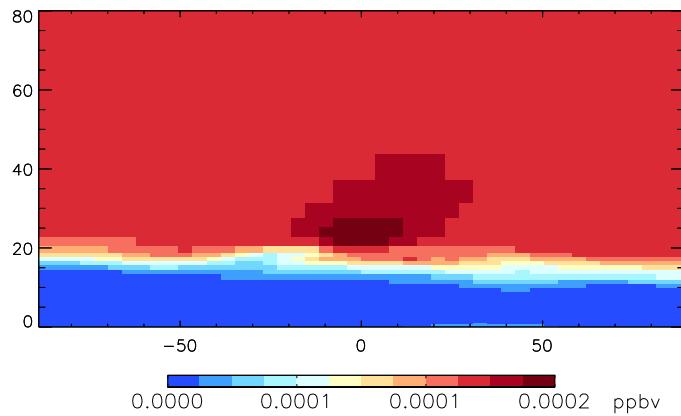
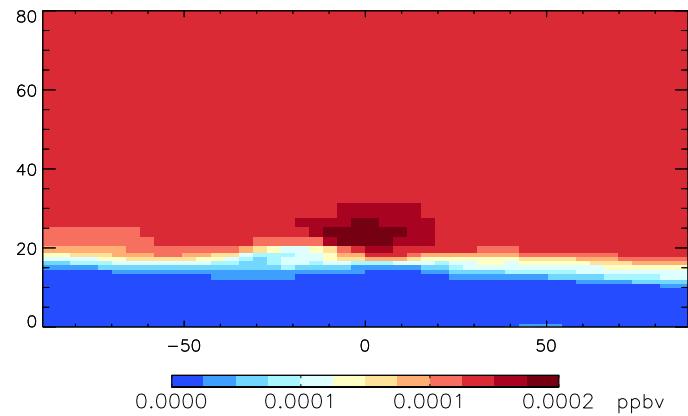
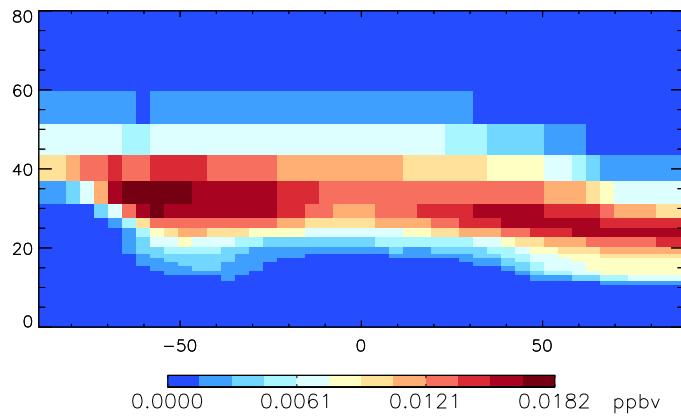
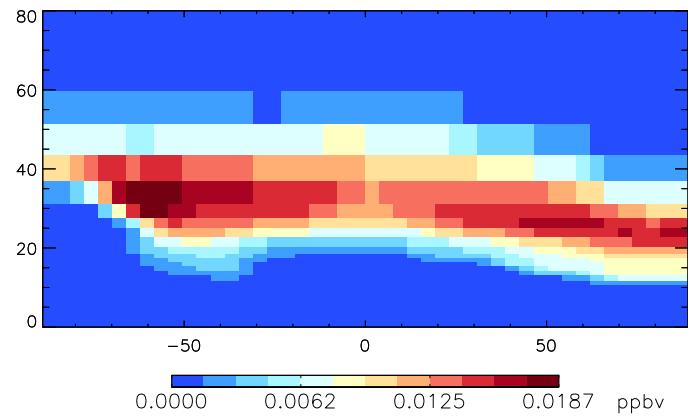
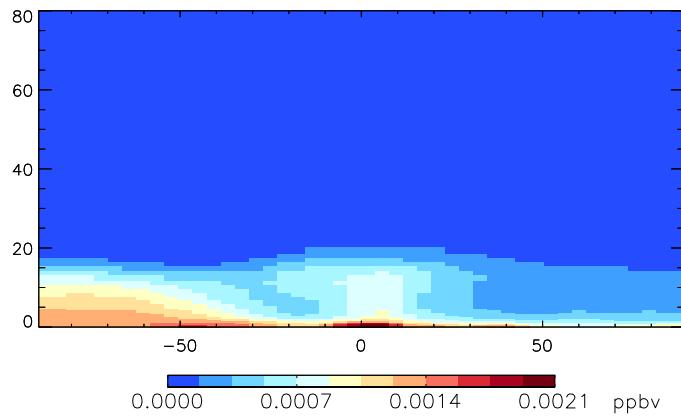
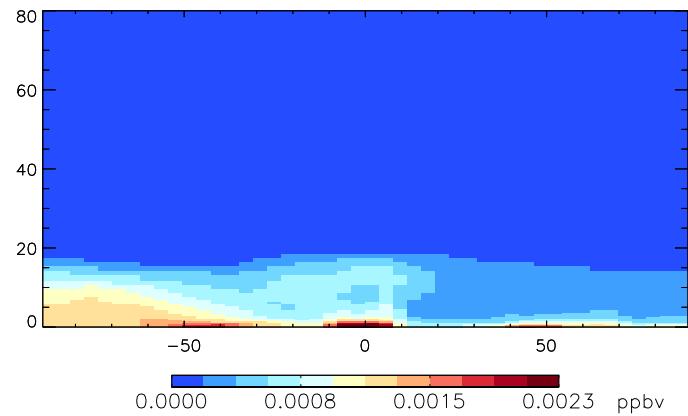


Tracer Curtain @ –180.000 – HBr



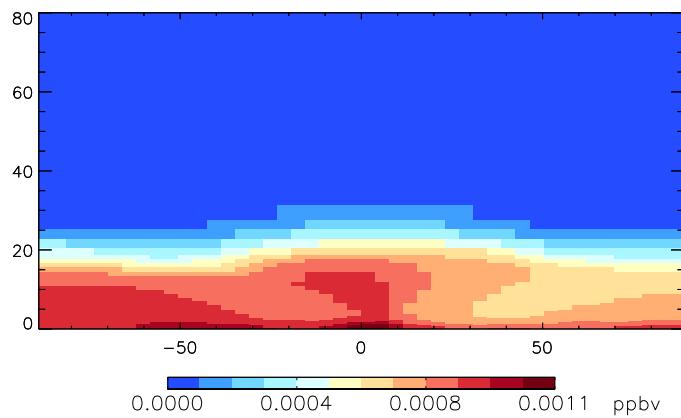
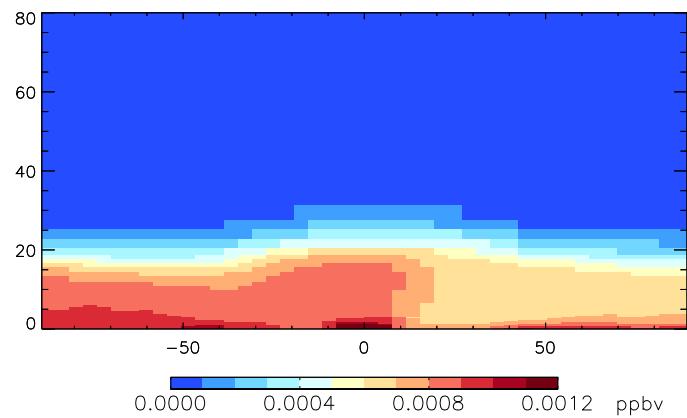
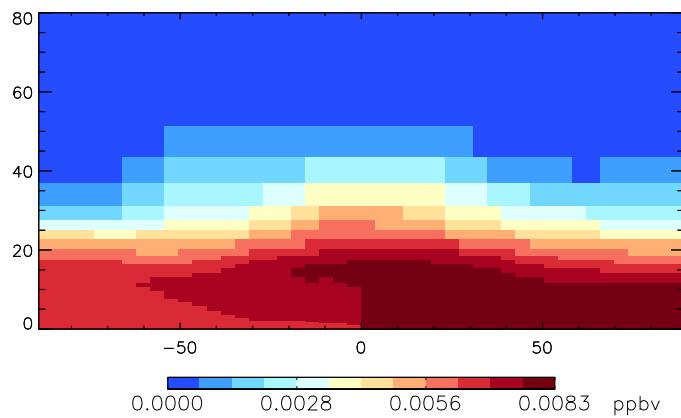
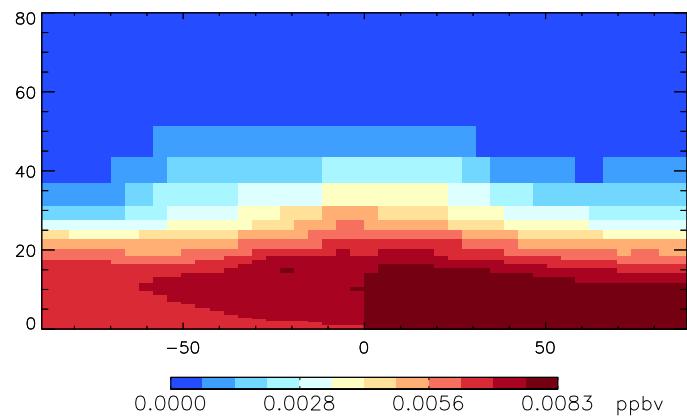
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

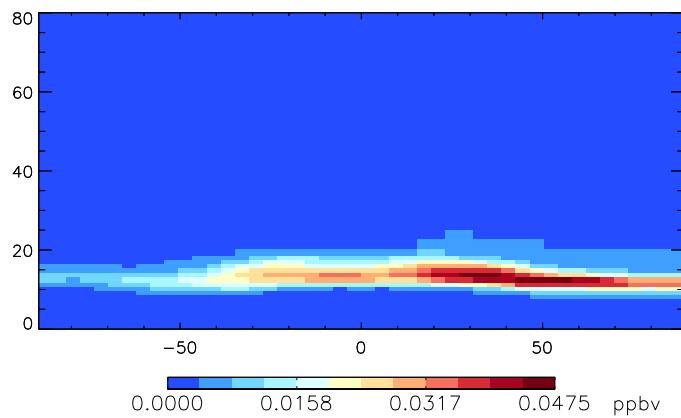
Tracer Curtain Zonal mean – BrNO<sub>2</sub>Tracer Curtain @ –180.000 – BrNO<sub>2</sub>Tracer Curtain Zonal mean – BrNO<sub>3</sub>Tracer Curtain @ –180.000 – BrNO<sub>3</sub>Tracer Curtain Zonal mean – CHBr<sub>3</sub>Tracer Curtain @ –180.000 – CHBr<sub>3</sub>

## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

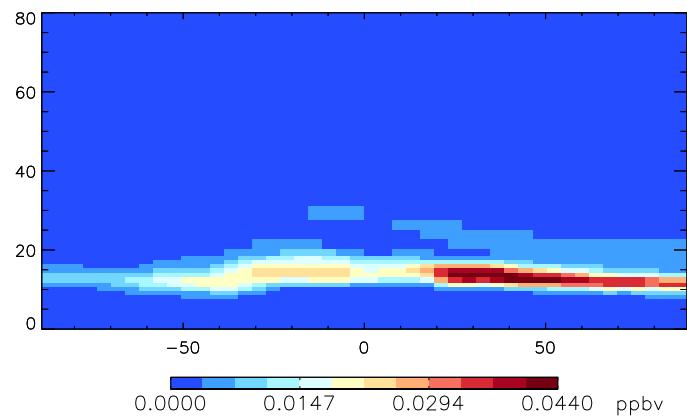
ctm.bpch.v9-02r.geosfp

Tracer Curtain Zonal mean – CH<sub>2</sub>Br<sub>2</sub>Tracer Curtain @ –180.000 – CH<sub>2</sub>Br<sub>2</sub>Tracer Curtain Zonal mean – CH<sub>3</sub>BrTracer Curtain @ –180.000 – CH<sub>3</sub>Br

Tracer Curtain Zonal mean – MPN



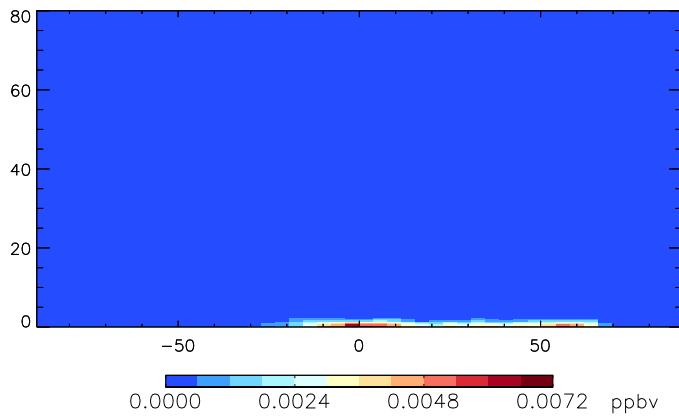
Tracer Curtain @ –180.000 – MPN



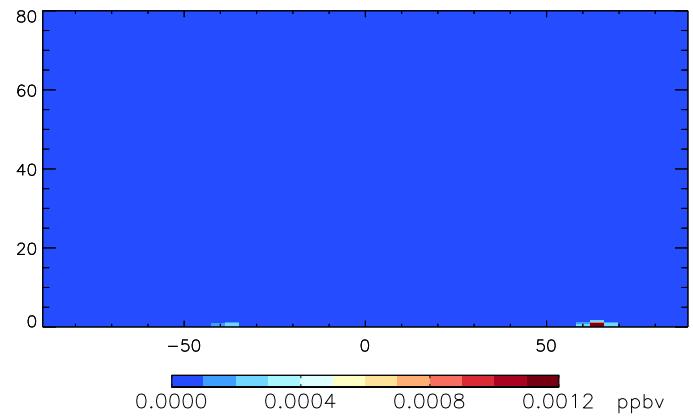
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

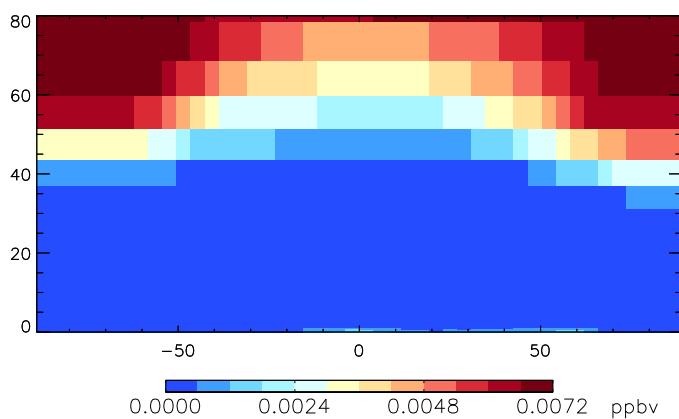
Tracer Curtain Zonal mean – ISOPN



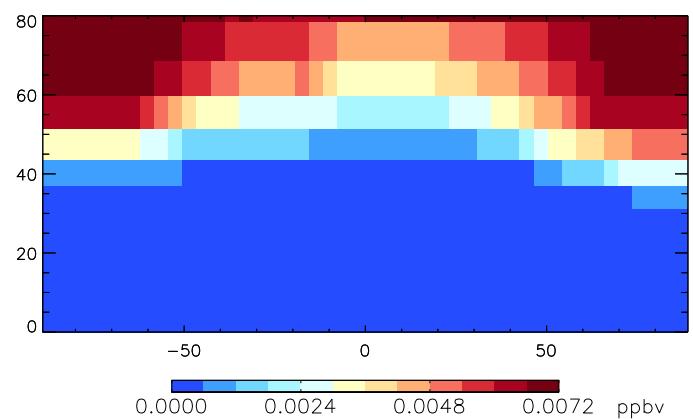
Tracer Curtain @ -180.000 – ISOPN



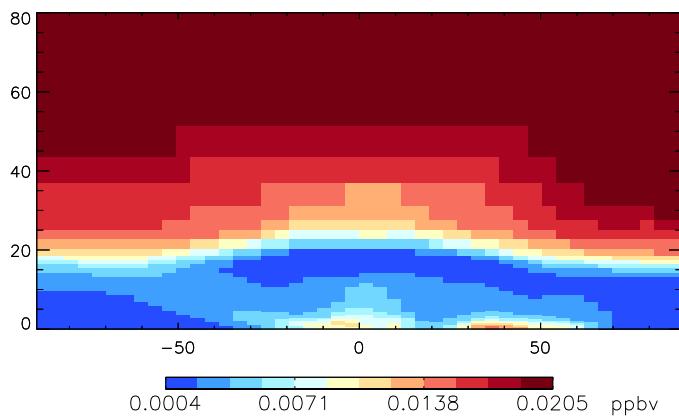
Tracer Curtain Zonal mean – MOBA



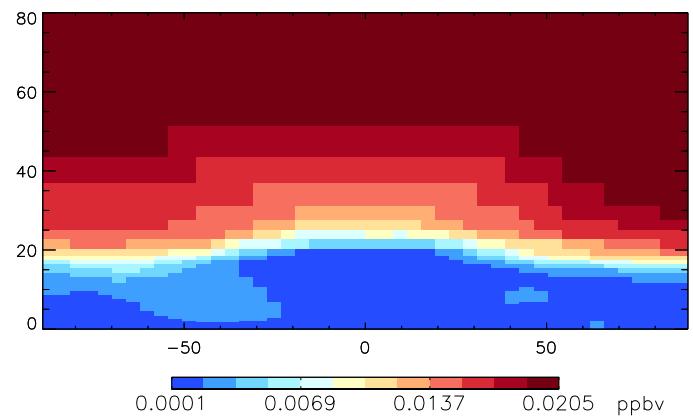
Tracer Curtain @ -180.000 – MOBA



Tracer Curtain Zonal mean – PROPNN



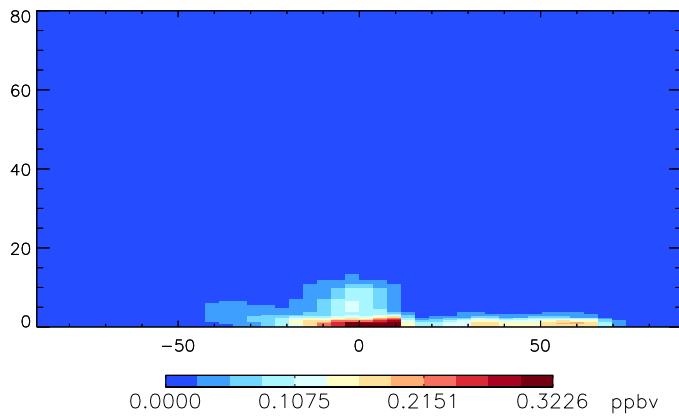
Tracer Curtain @ -180.000 – PROPNN



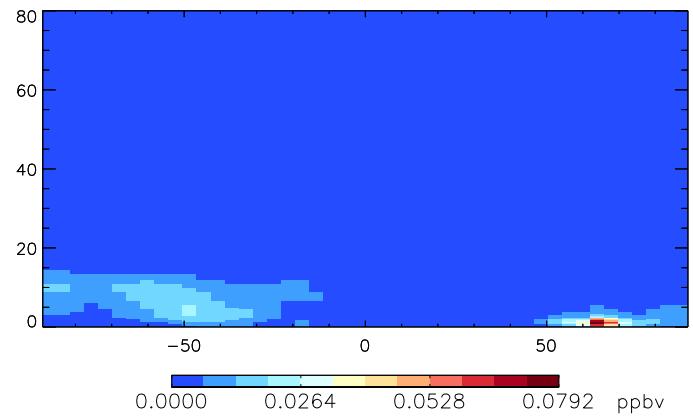
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

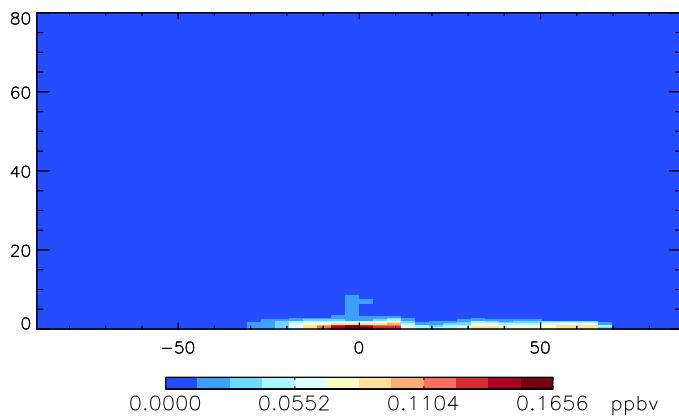
Tracer Curtain Zonal mean – HAC



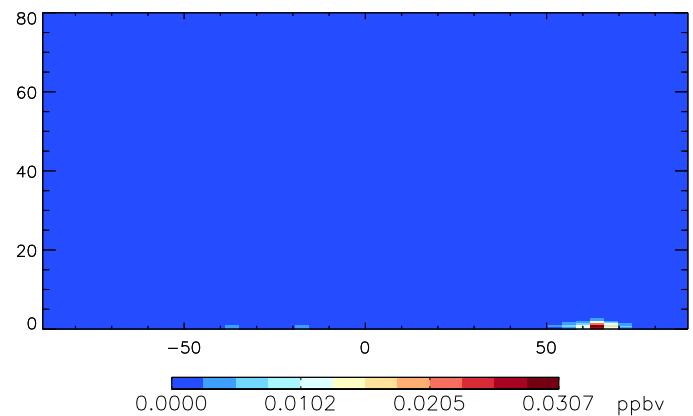
Tracer Curtain @ -180.000 – HAC



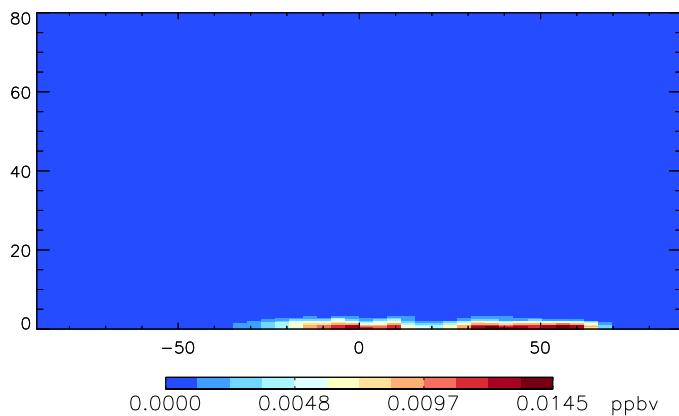
Tracer Curtain Zonal mean – GLYC



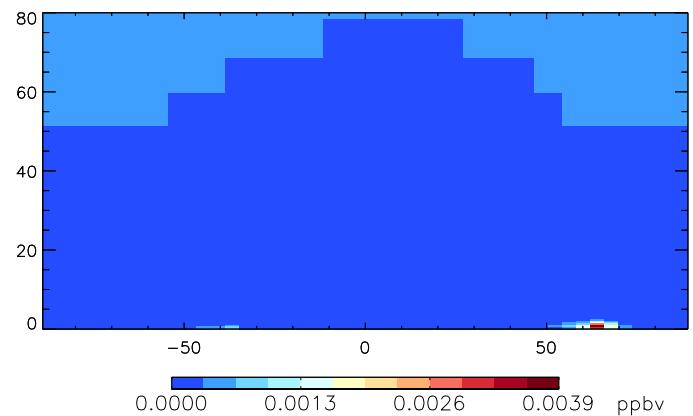
Tracer Curtain @ -180.000 – GLYC



Tracer Curtain Zonal mean – MMN



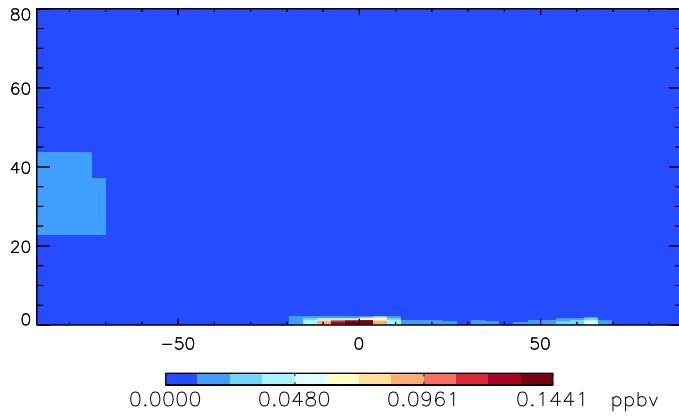
Tracer Curtain @ -180.000 – MMN



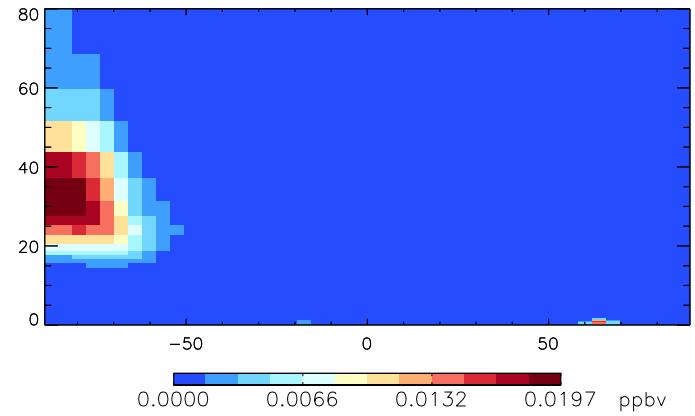
## GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

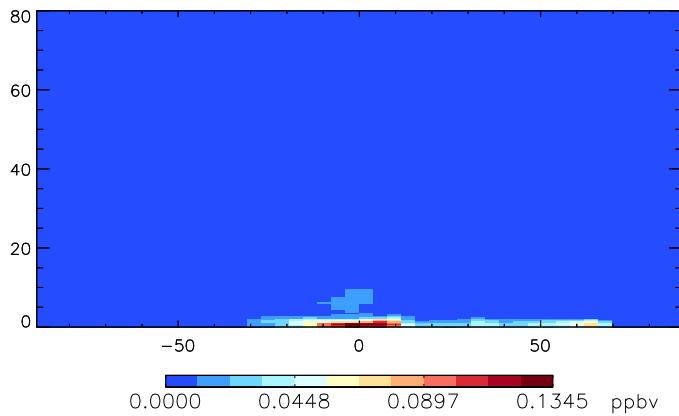
Tracer Curtain Zonal mean – RIP



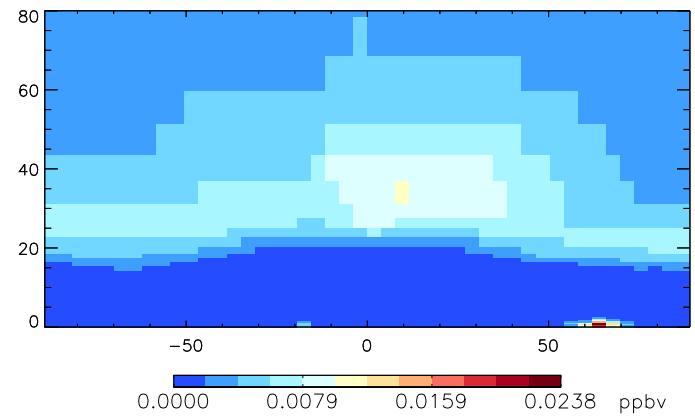
Tracer Curtain @ -180.000 – RIP



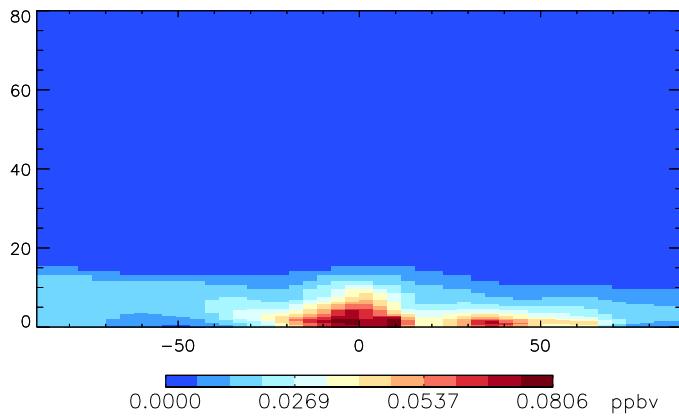
Tracer Curtain Zonal mean – IEPOX



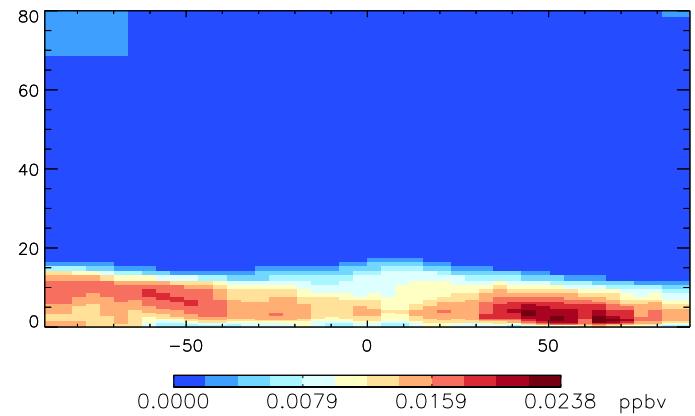
Tracer Curtain @ -180.000 – IEPOX



Tracer Curtain Zonal mean – MAP



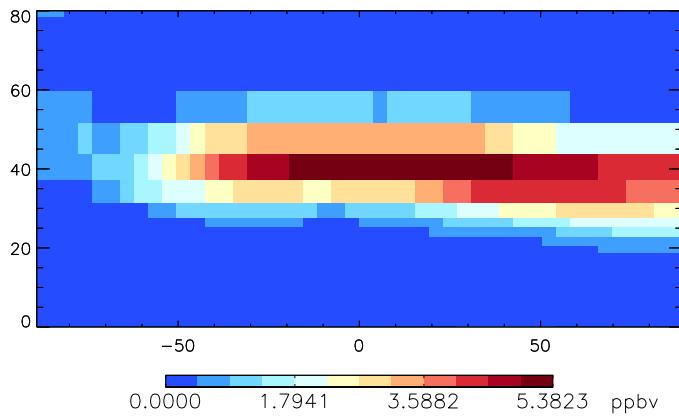
Tracer Curtain @ -180.000 – MAP



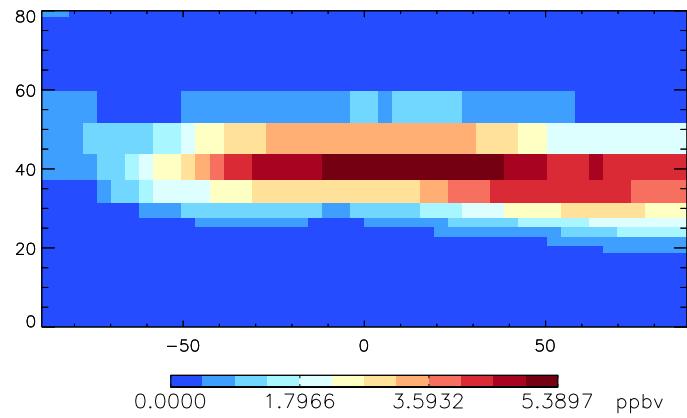
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

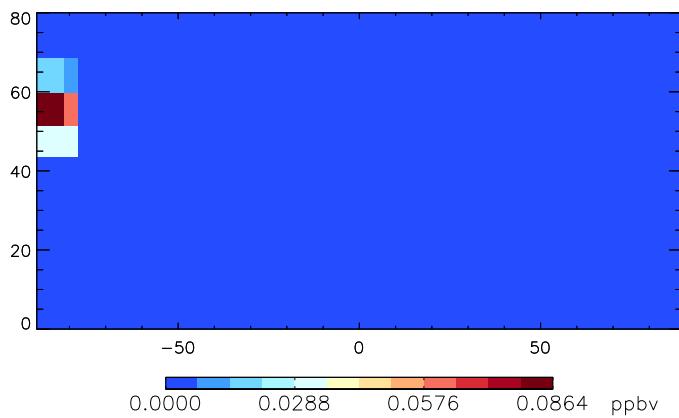
Tracer Curtain Zonal mean – NO2



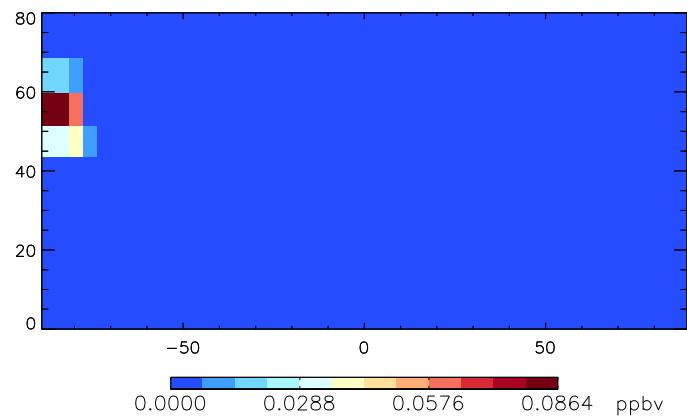
Tracer Curtain @ –180.000 – NO2



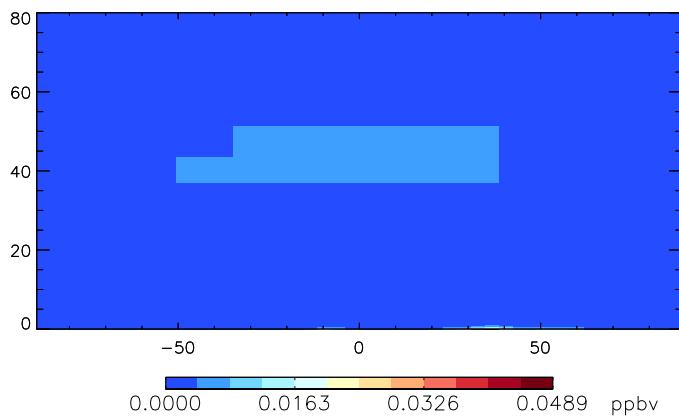
Tracer Curtain Zonal mean – NO3



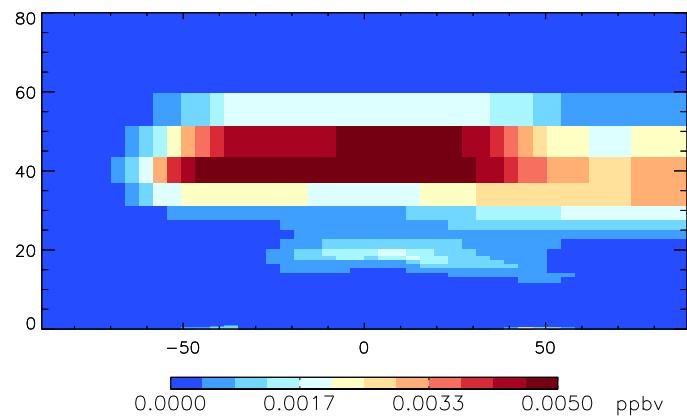
Tracer Curtain @ –180.000 – NO3



Tracer Curtain Zonal mean – HNO2



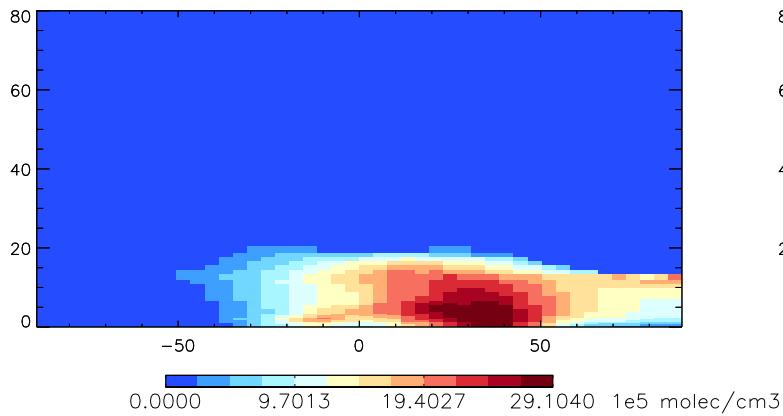
Tracer Curtain @ –180.000 – HNO2



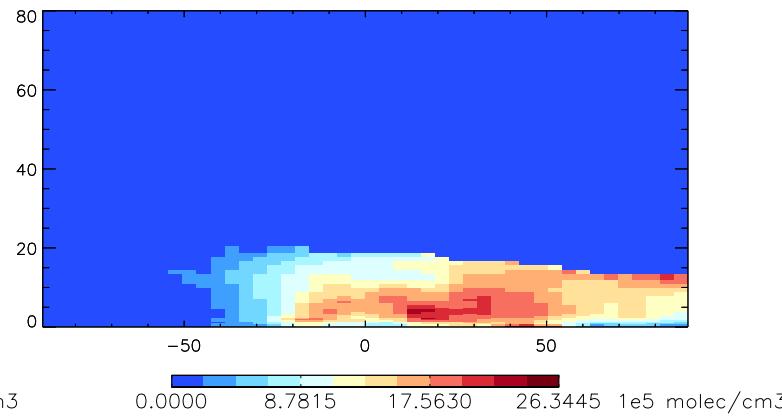
GEOS-Chem v9-02r.geosfp Zonal mean and curtain at 180E

ctm.bpch.v9-02r.geosfp

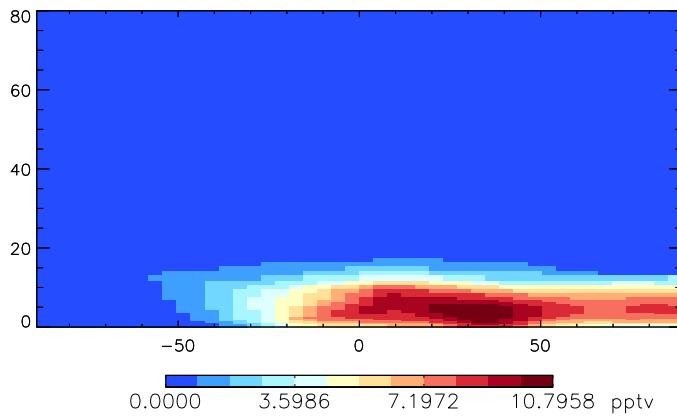
Tracer Curtain Zonal mean – OH



Tracer Curtain @ -180.000 – OH



Tracer Curtain Zonal mean – HO<sub>2</sub>



Tracer Curtain @ -180.000 – HO<sub>2</sub>

