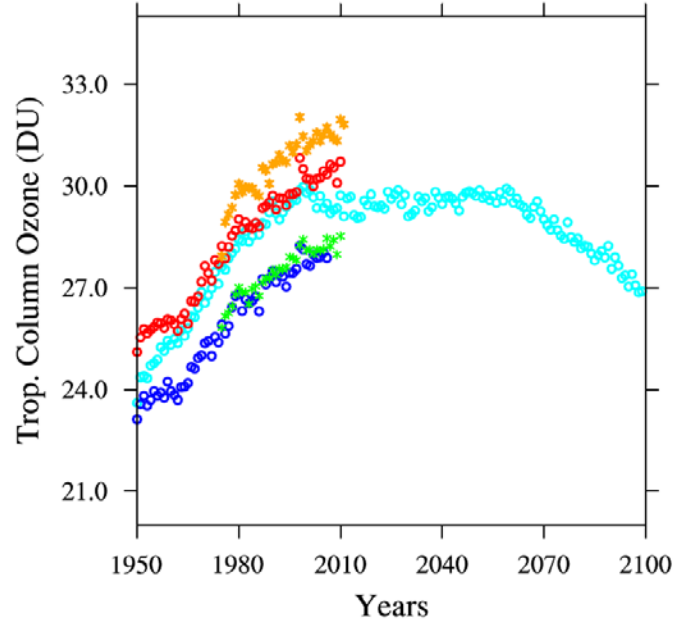
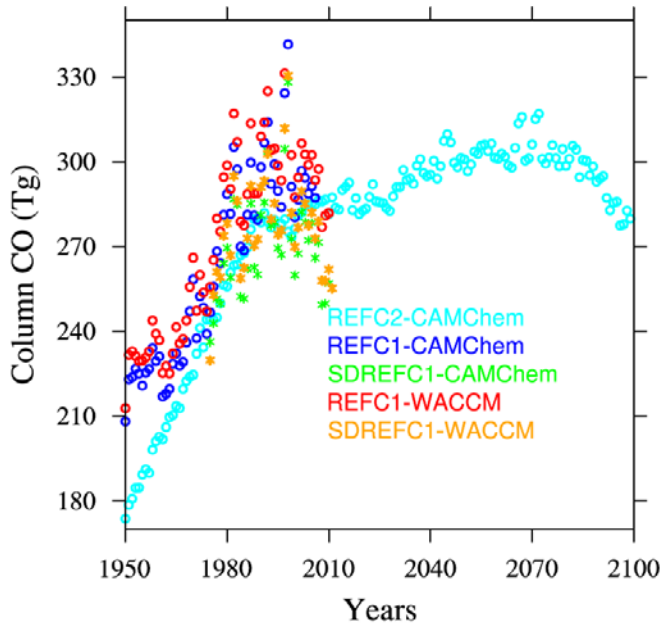
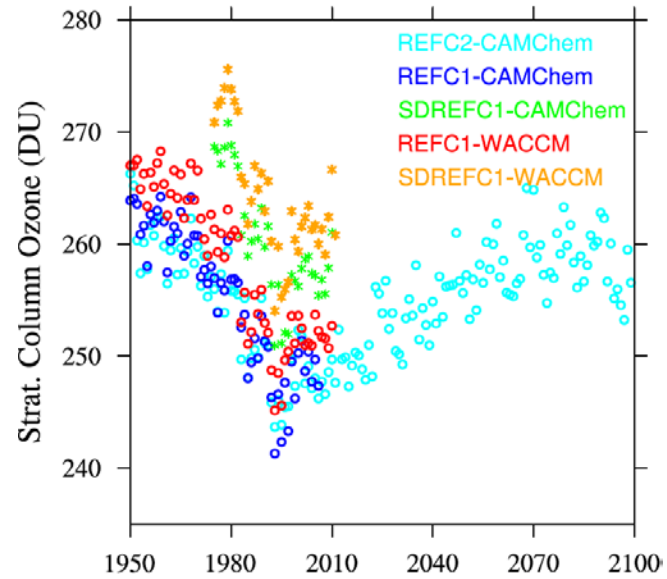
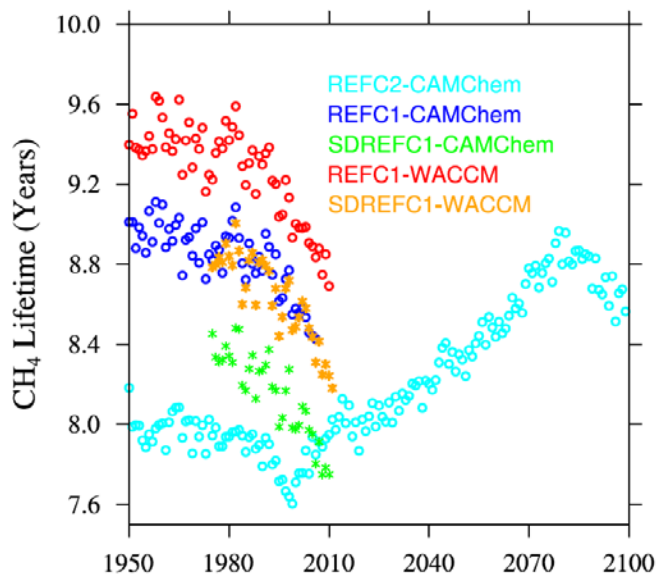




First CCM1 Results

- **Overview Plots, Timeseries**
- **Evaluation of Ozone**
- **Aerosol Comparisons**
- **CO Comparisons MOPITT**
- **Comparisons to Aircraft Observations**

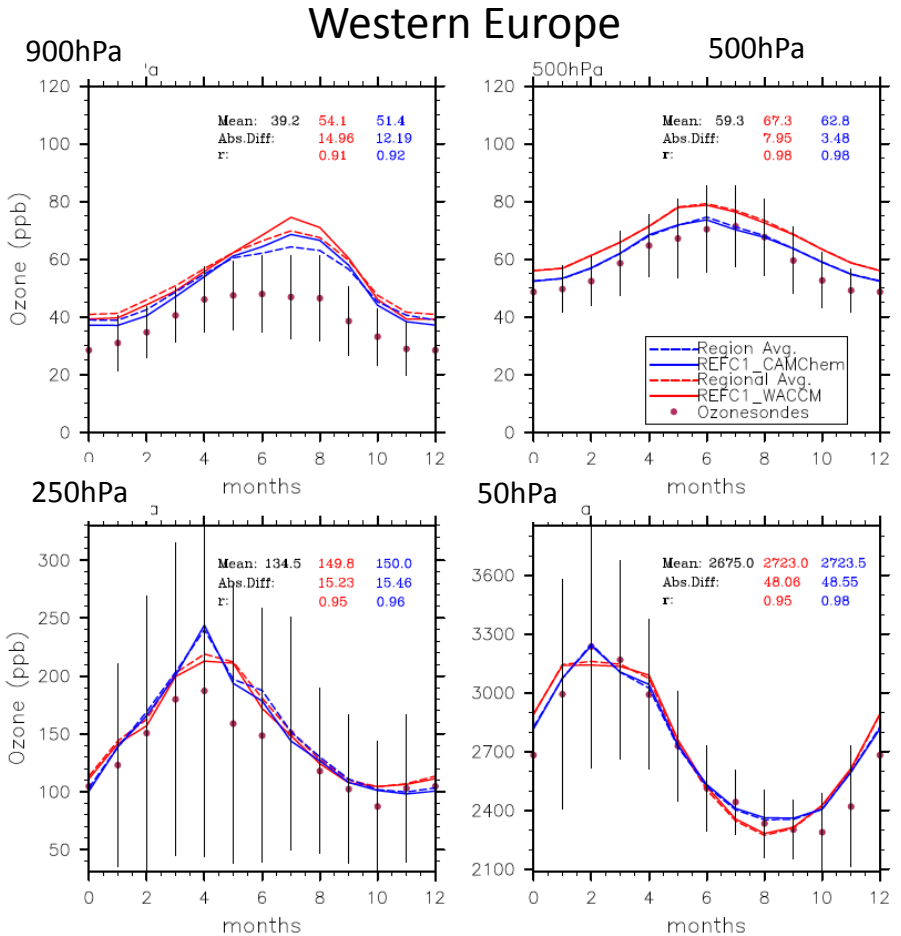
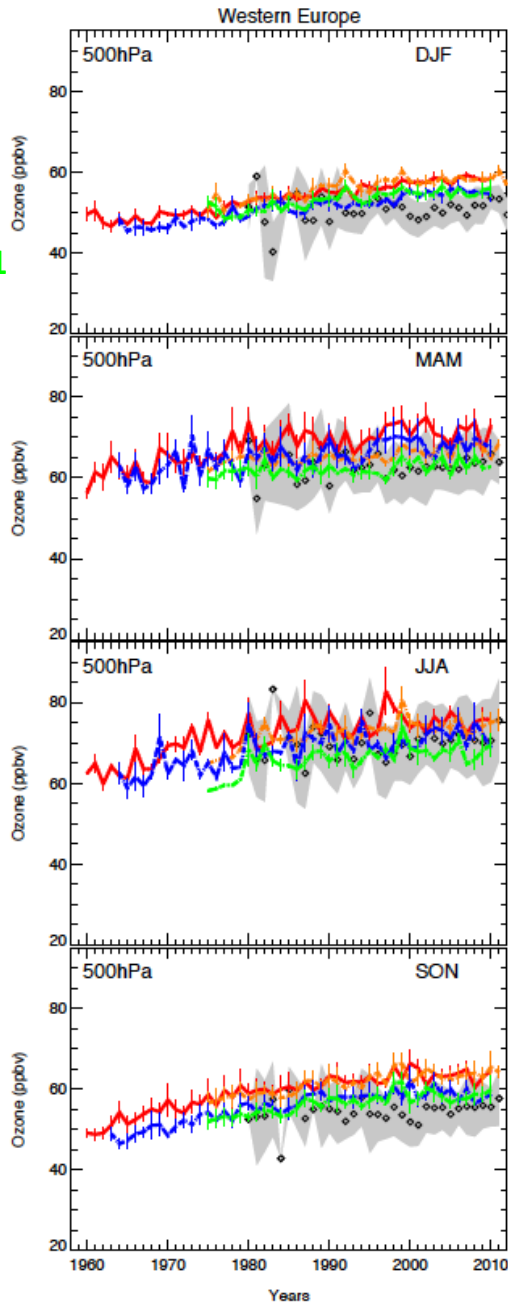
Timeseries of different Experiments



CCMI Simulations in Comparison to Ozoneprobe Data: Mid-Latitudes, 500hPa

1995-2004 average

WACCM REF1
WACCM SDREF1
CAM-Chem REF1
CAM-Chem SDREF1

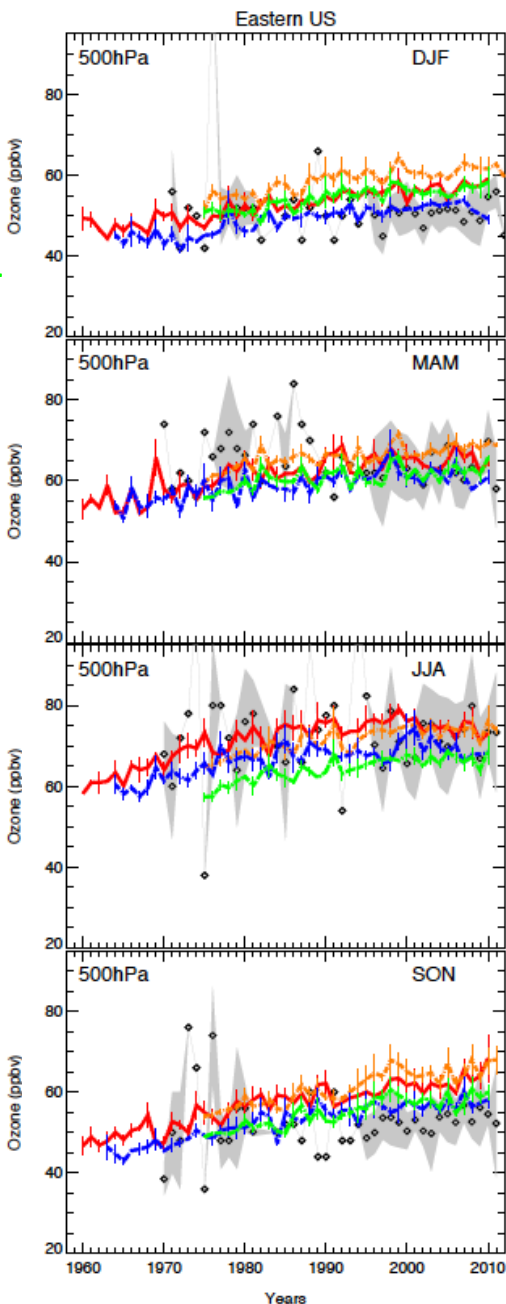


WACCM REF1
CAM-Chem REF1

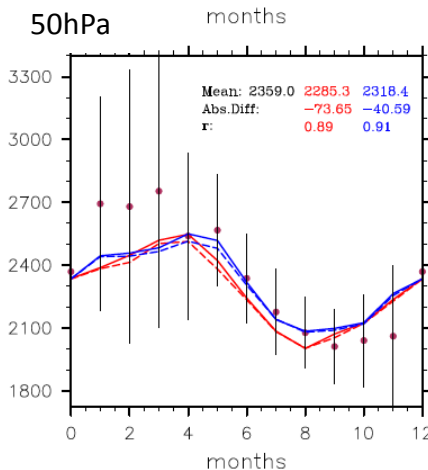
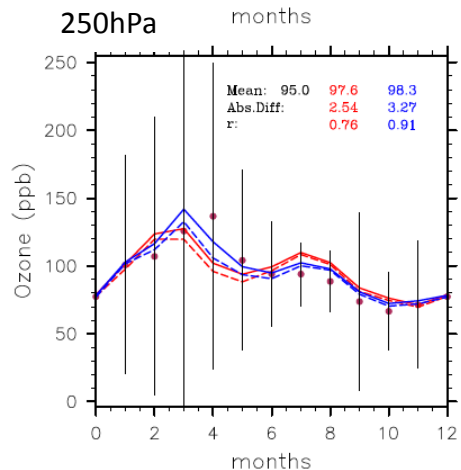
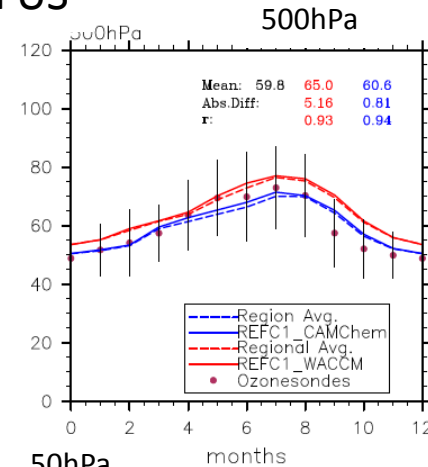
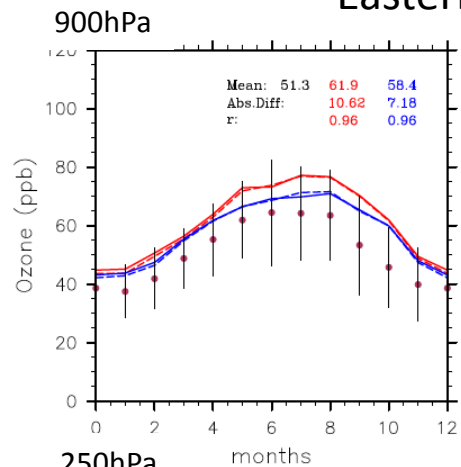
CCMI Simulations in Comparison to Ozonesonde Data: Mid-Latitudes, 500hPa

1995-2004 average

WACCM REFC1
WACCM SDREFC1
CAM-Chem REFC1
CAM-Chem SDREFC1



Eastern US

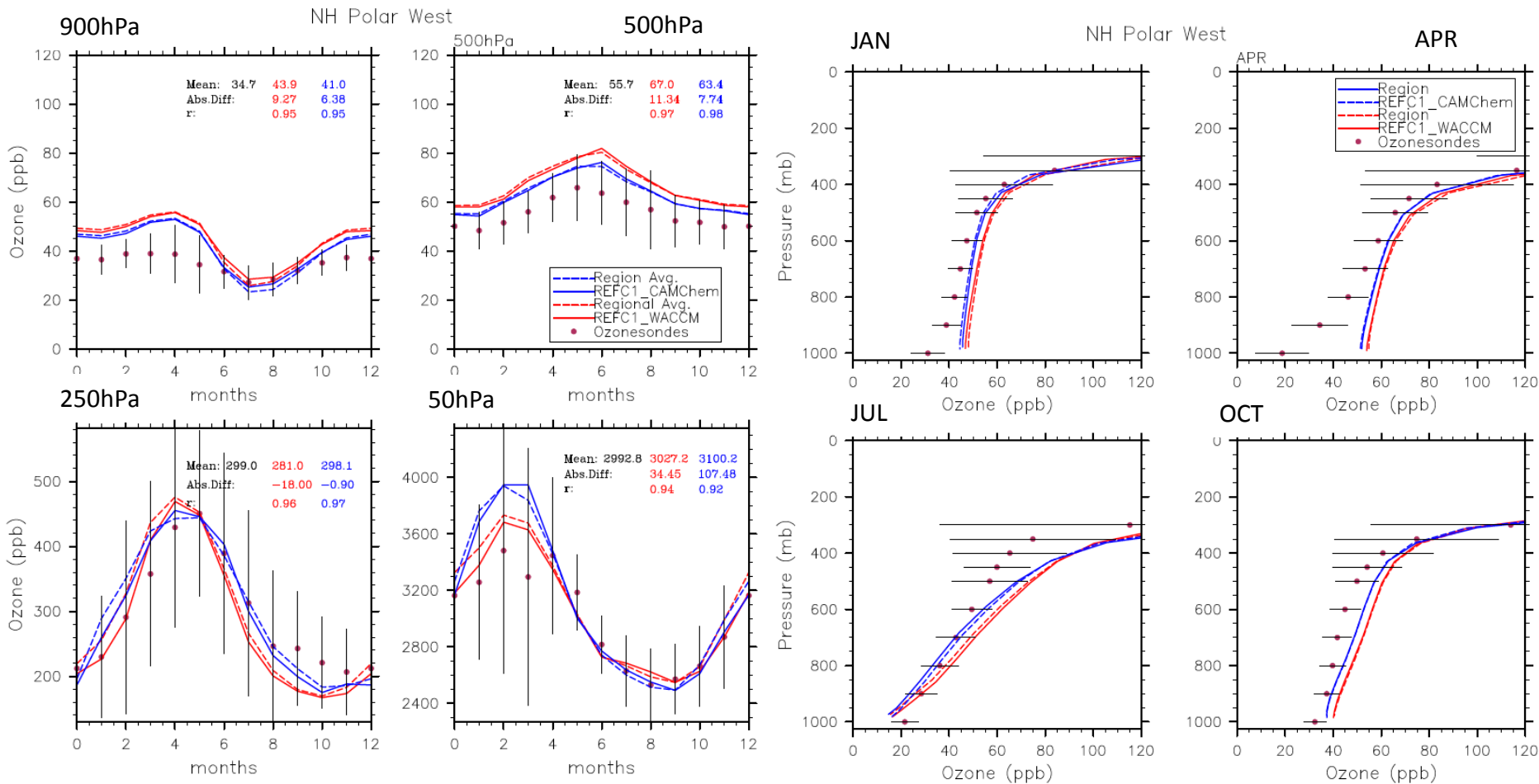


WACCM REFC1
CAM-Chem REFC1

CCMI Simulations in Comparison to Ozone Data: High Latitudes

NH Polar West

1995-2004 average



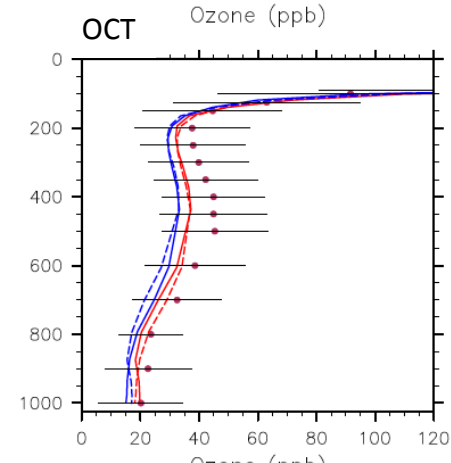
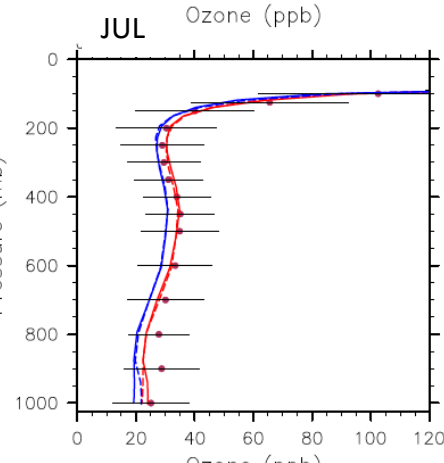
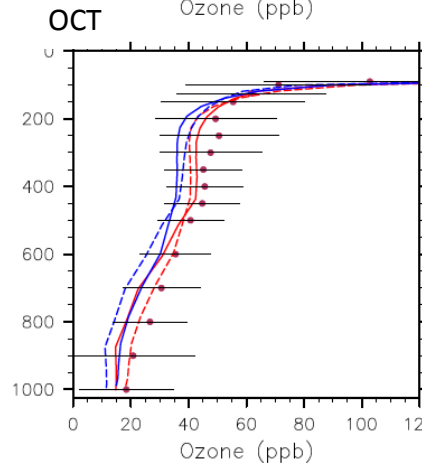
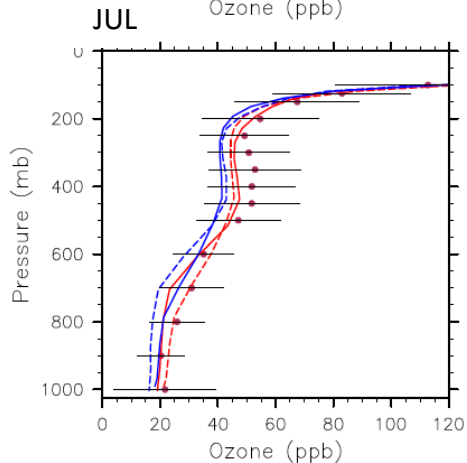
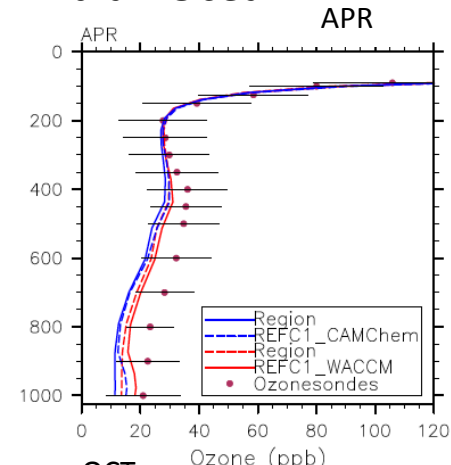
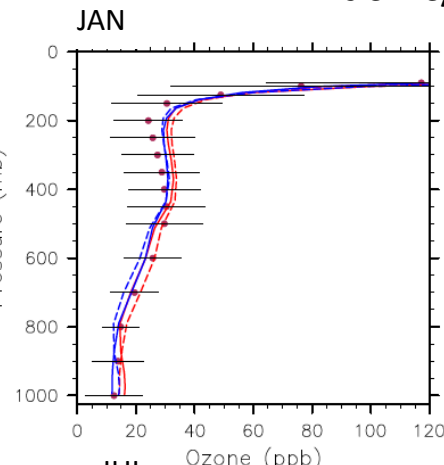
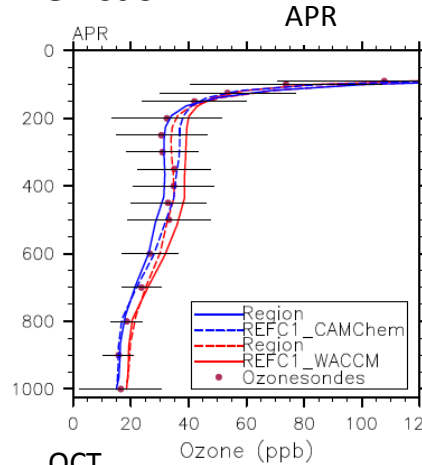
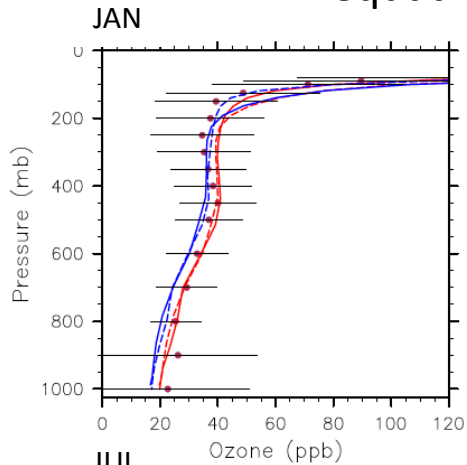
WACCM REF1
CAM-Chem REF1

CCMI Simulations in Comparison to Ozonesonde Data: Tropics

1995-2004 average

equat. Americas

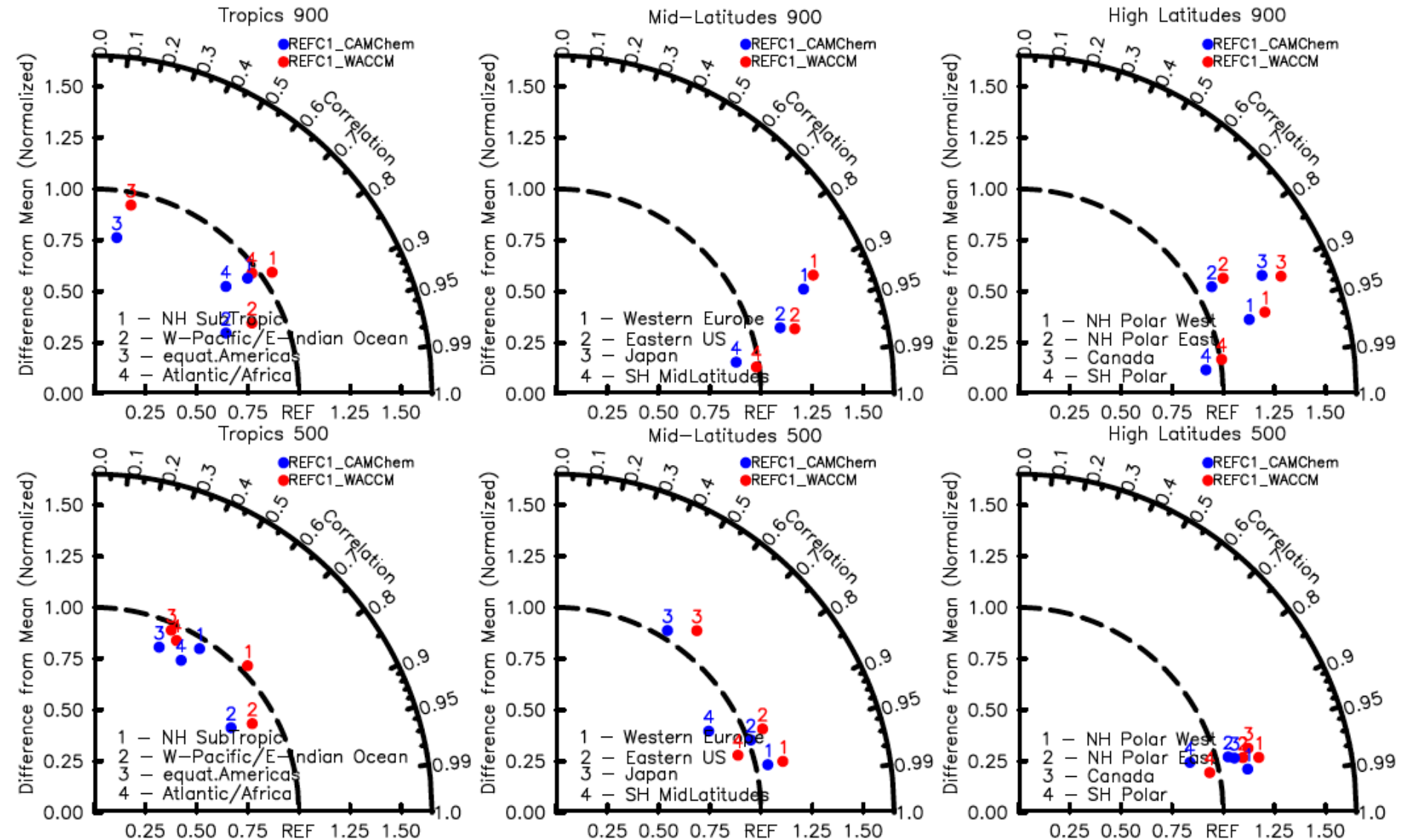
W-Pacific/E-Indian Ocean



WACCM REF C1
CAM-Chem REF C1

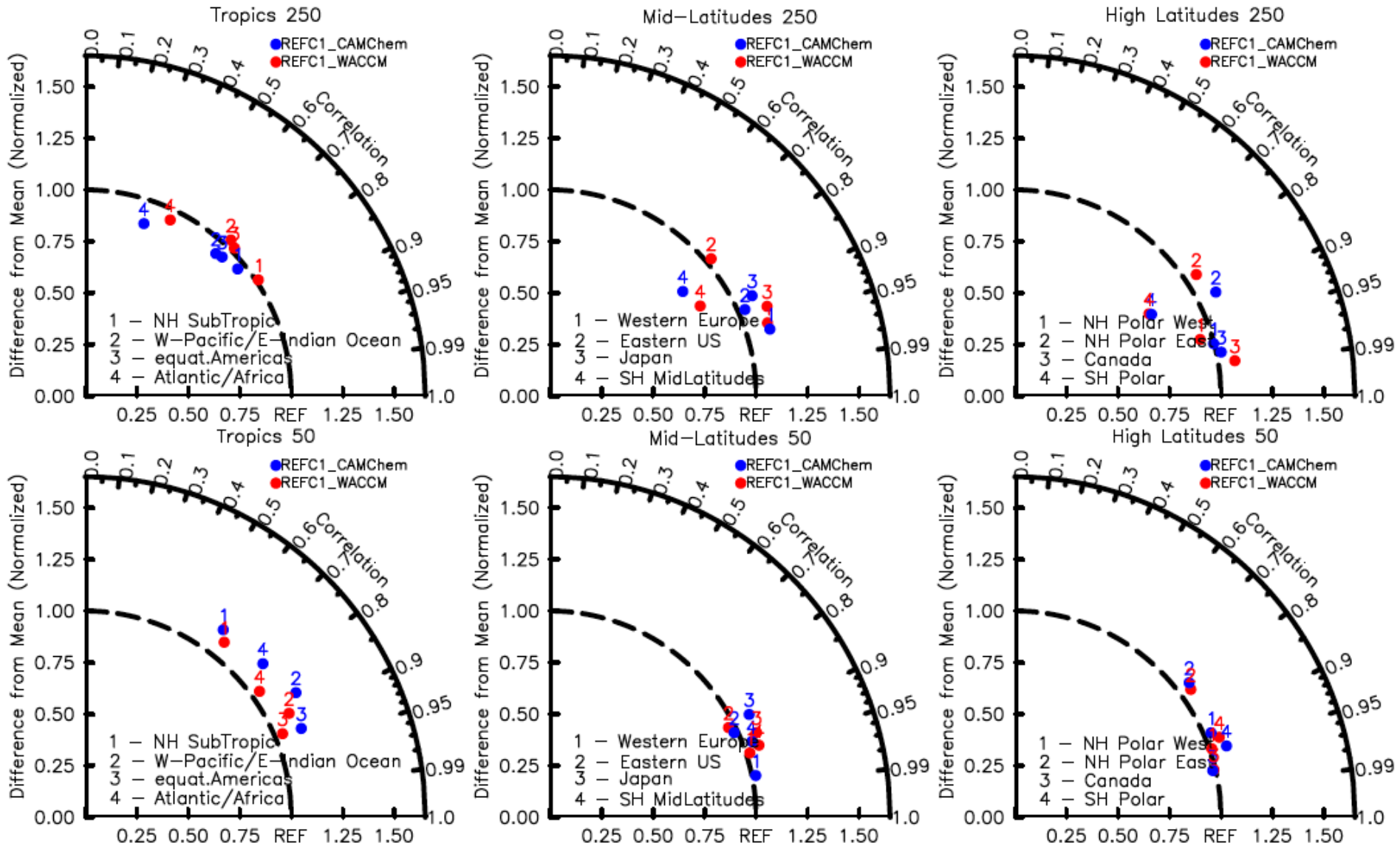
Ozonesonde Comparisons

1995-2004 average

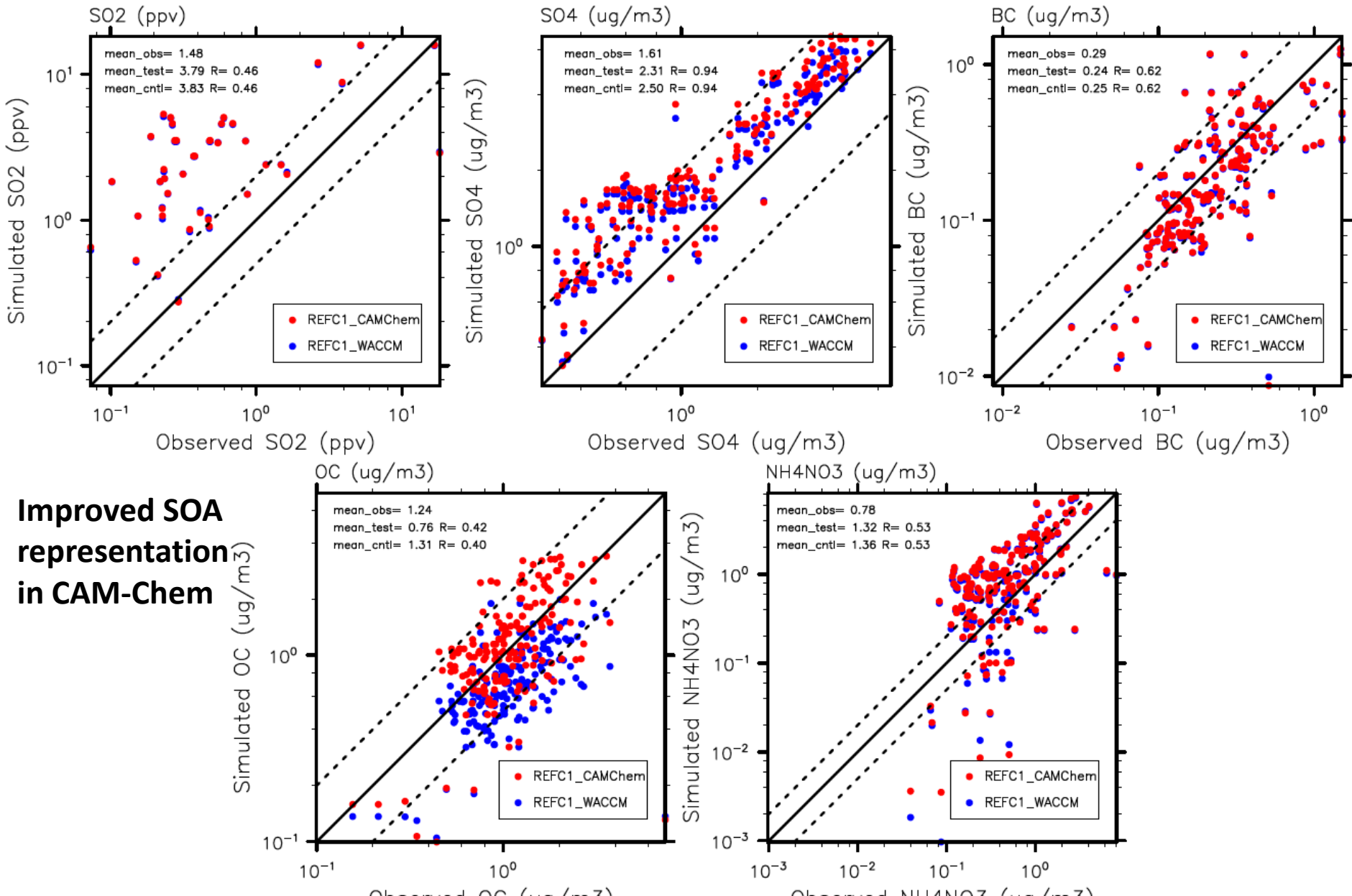


Ozonesonde Comparisons

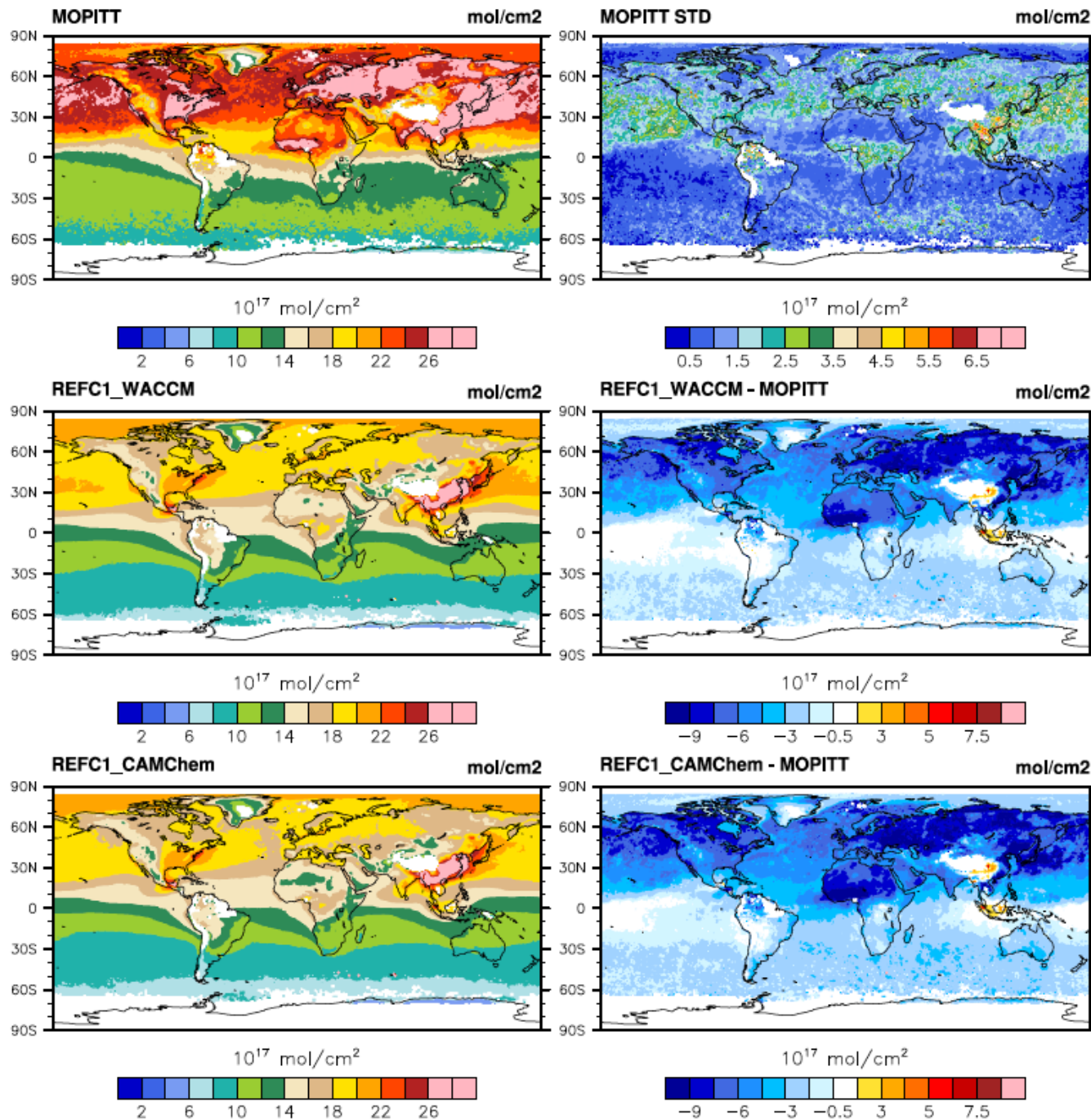
1995-2004 average



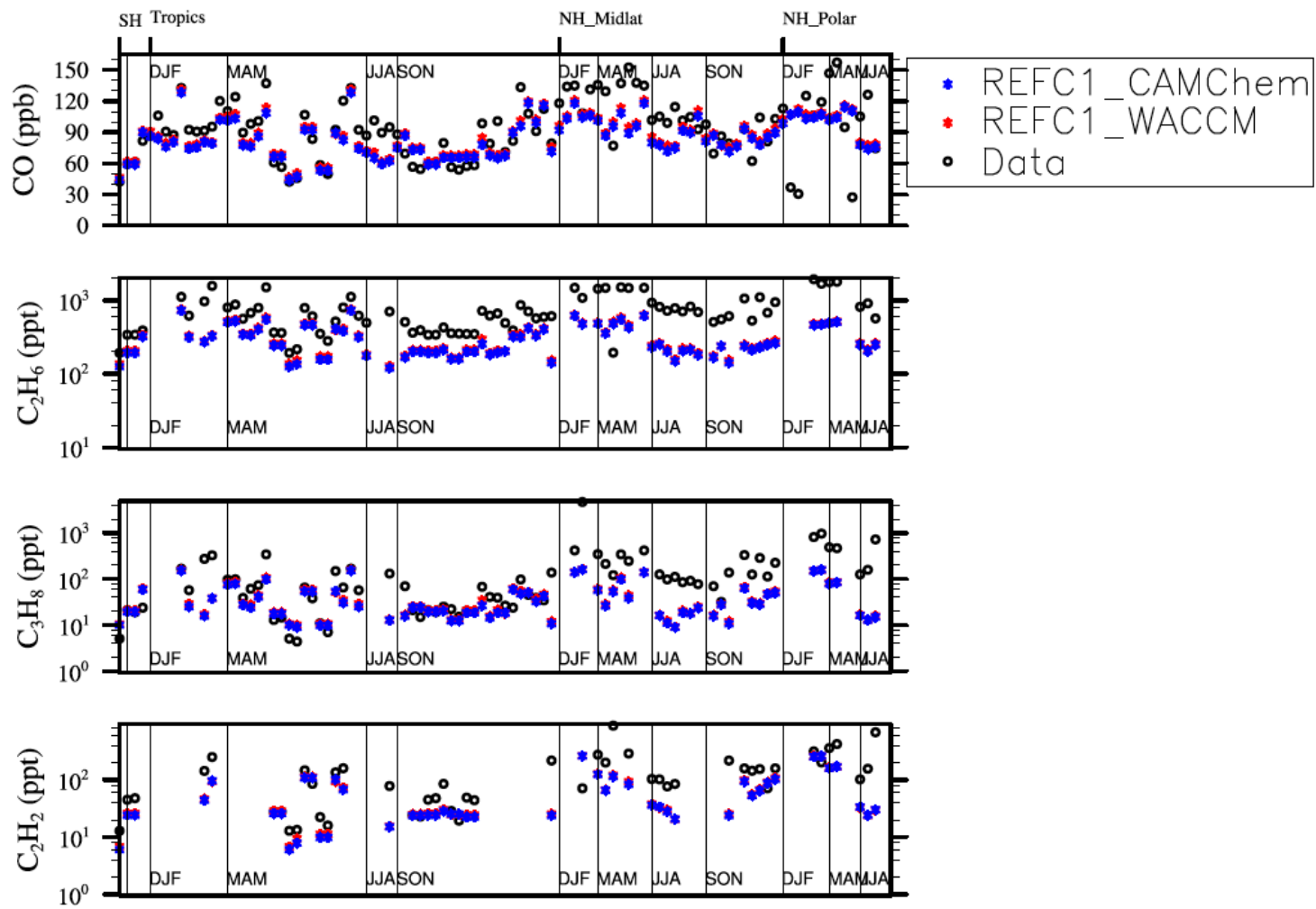
Improve Surface Aerosol Comparisons



MOPITT Column CO Climo 2003–2012 04



Comparison to Aircraft Climatology 2km to 7km



Comparison to Aircraft Climatology 2km to 7km

CAMChem
WACCM

