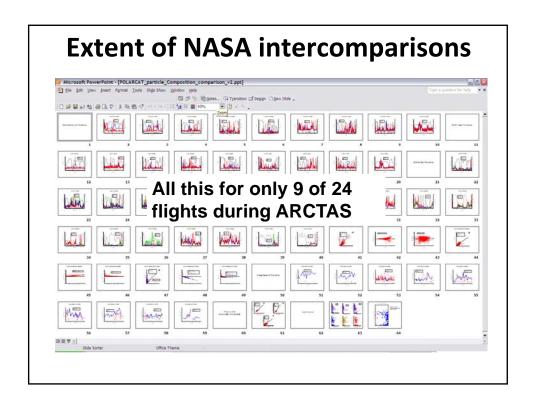
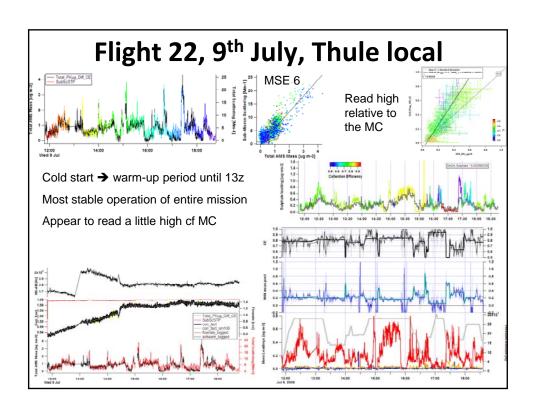
TAbMEP concept

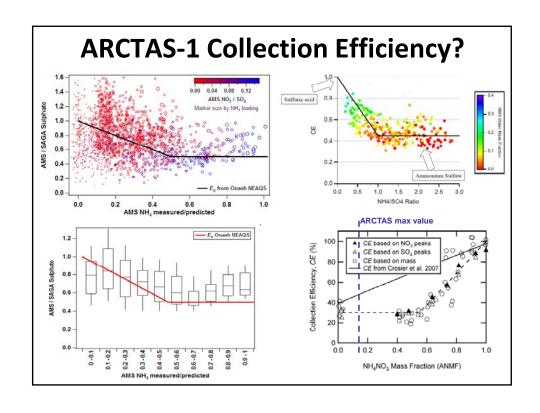
- Tropospheric Airborne Measurement Evaluation Panel
- generate unified data products for model assessment and validation
- unbiased assessment of the measurement uncertainties
- systematic approaches for combining airborne data sets from multiple instruments/techniques and aircraft platforms

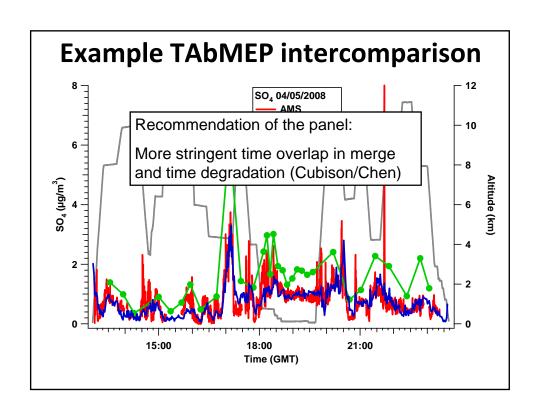
We will make you agree

- In several cases, there are significant differences between measurements which can't be reconciled with our current understanding of the instruments or their calibration procedures.
- These measurements will be unified by increasing systematic uncertainties so that 95% of the measurements will be encompassed within 2-σ total uncertainty limits.





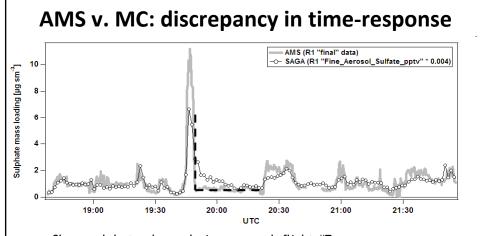




ARCTAS-A

Degrading the time-response of the Univ. Colorado HR-ToF-AMS for intercomparison purposes

Mike Cubison July 2009



- Sharp sulphate plume during research flight #7
- Use as proxy for differentiating between AMS- and MC- timeresponse to fluctuations in concentration

