

# Polar CAMMICE MICS Ion Data

- **3 Years of Polar Data**  
Feb 1996 – Dec 1999
- **Binned as 5-minute averages**
  - 10 deg pitch angle bins
  - 12 energy steps
- **Further Binned for Studies**
  - 16 L bins, every 0.5 RE
  - 2 hour Magnetic local time bins
- **Average Distribution in Equatorial Pitch Angle and Energy**
- **Distributions of Total Ions, H<sup>+</sup>, He<sup>+</sup>, He<sup>++</sup>, and O<sup>+</sup>**
- **Geomagnetic Activity Bins**
  - AE (similar to de Michelis)
  - Dst and Kp (similar to Sheldon and Hamilton)

