CLOSURE EXPERIMENTS:
Comparisons of measurements and calculations

- Number size distribution
- Chemical composition
- Hygroscopic response of particle size

- Scattering coefficient
- Absorption coefficient
- Hygroscopic response of optical properties

- Shortwave and longwave upwelling and downwelling radiative flux densities

PHYSICO-CHEMICAL PROPERTIES

OPTICAL PROPERTIES

RADIATIVE EFFECTS

Ansmann, Fig. 1
Ansmann, Fig. 2 (top)
Ansmann, Fig. 2 (bottom)
Ansmann, Fig. 3

The graph shows the relationship between the Angström exponent and optical depth for both the Sun and a star. The data points indicate a varying trend with optical depth (533 nm, 551 nm).
Ansmann, Fig. 4
Ansmann, Fig. 5