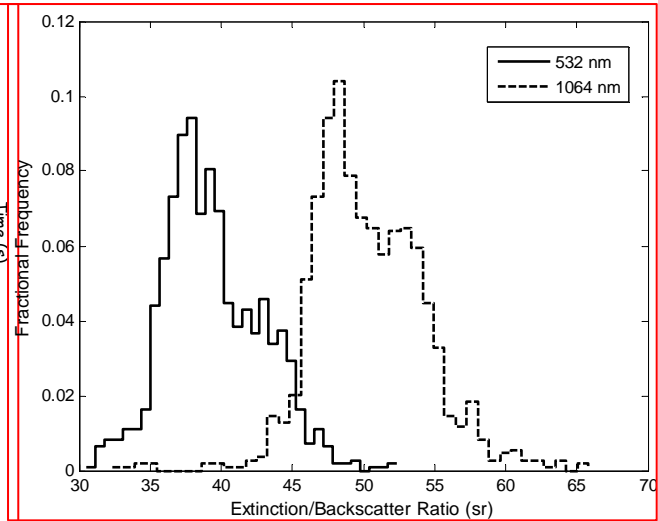
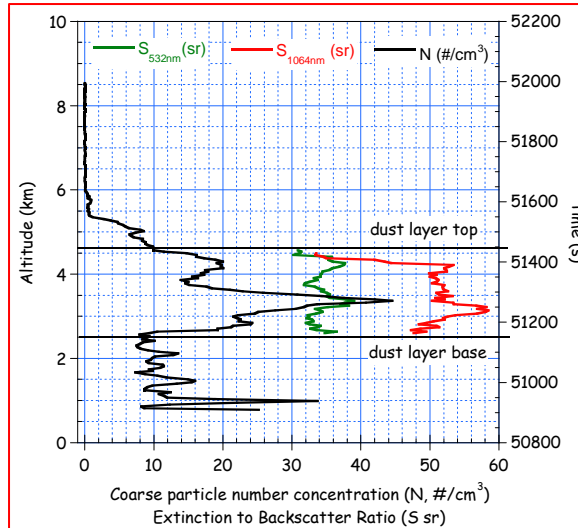
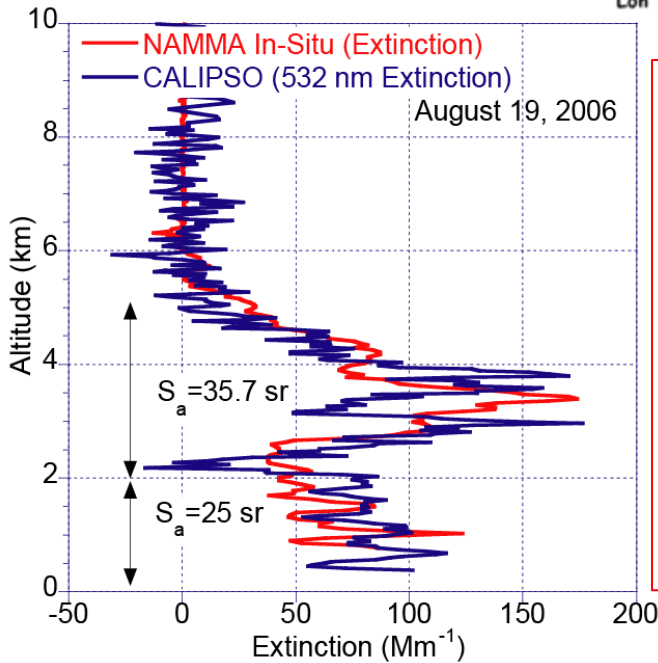
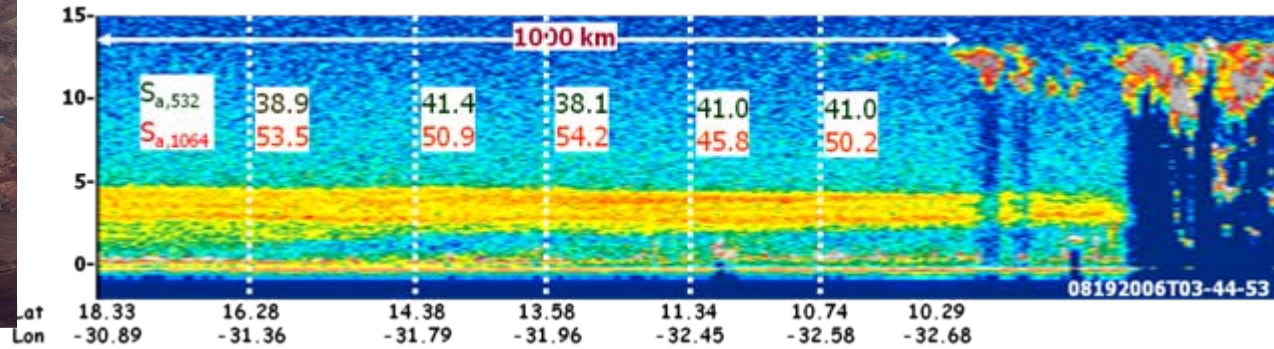


EXTINCTION-TO-BACKSCATTER RATIOS OF SAHARAN DUST LAYERS DERIVED FROM IN-SITU MEASUREMENTS AND CALIPSO OVERFLIGHTS DURING NAMMA – OMAR, WINKER, & ANDERSON: NASA LANGLEY RESEARCH CENTER

Objectives: 1) dust lidar ratios/ Φ functions and 2) polluted dust lidar ratios



For more details see come to poster and see Omar et al. (2010) JGR paper in press

Nephelometer \rightarrow Scattering (0 – near 180 at 550 nm)
Particle/Soot Absorption Photometer (PSAP) \rightarrow Absorption
Particle Extinction = Scat + Abs