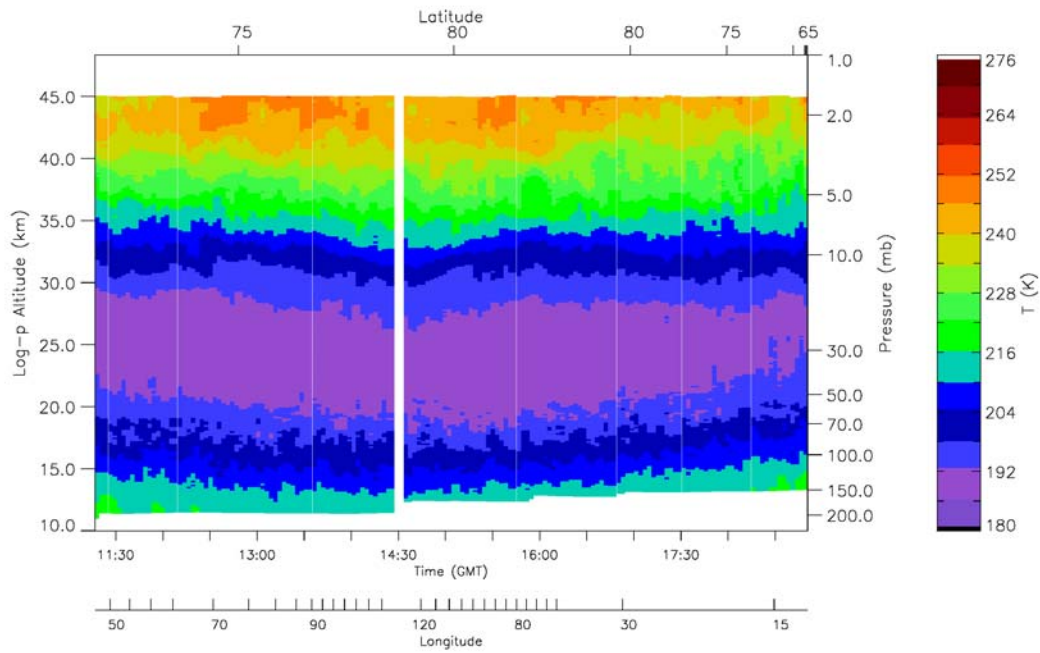
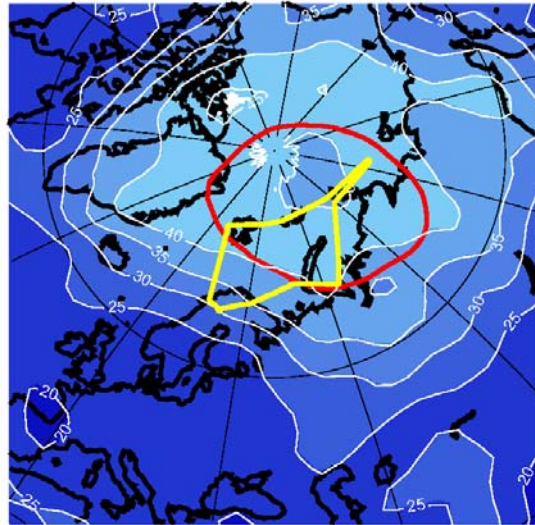
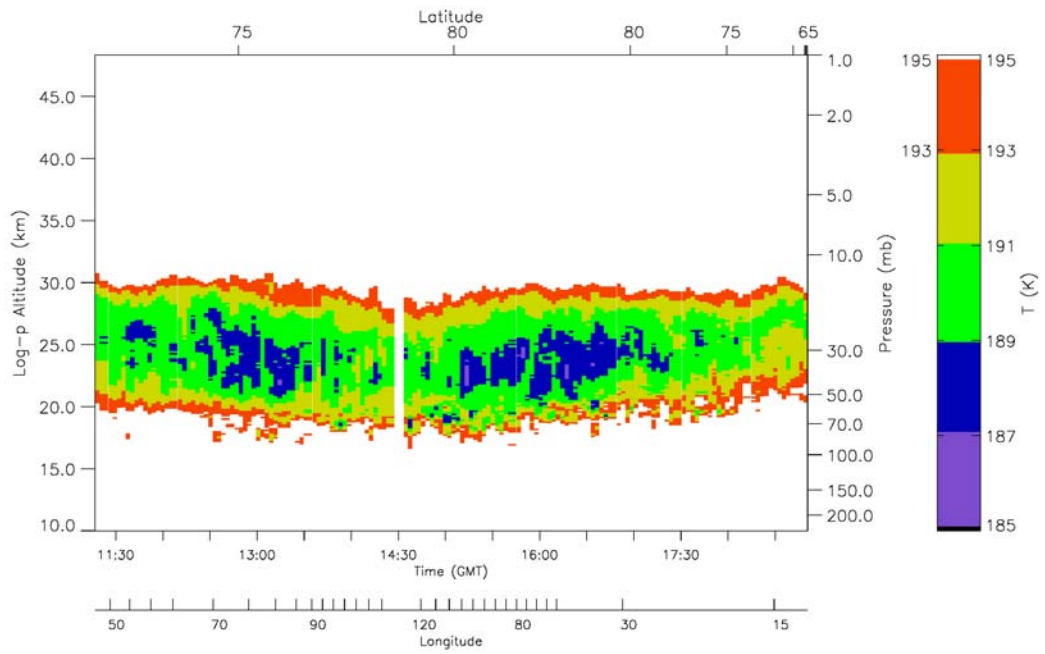


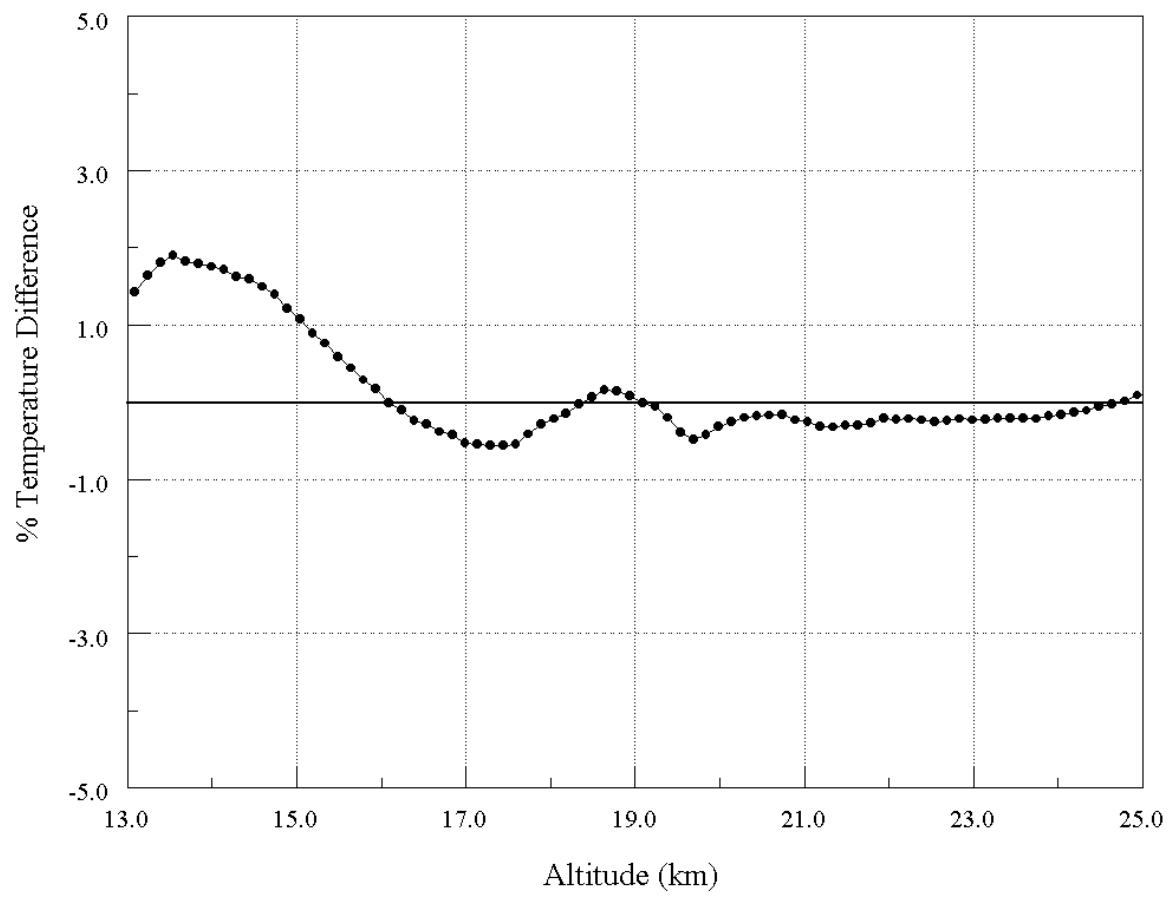
P. Newman (NASA), E. Nash (Emergent), R. Nagatani (NCEP CPC)

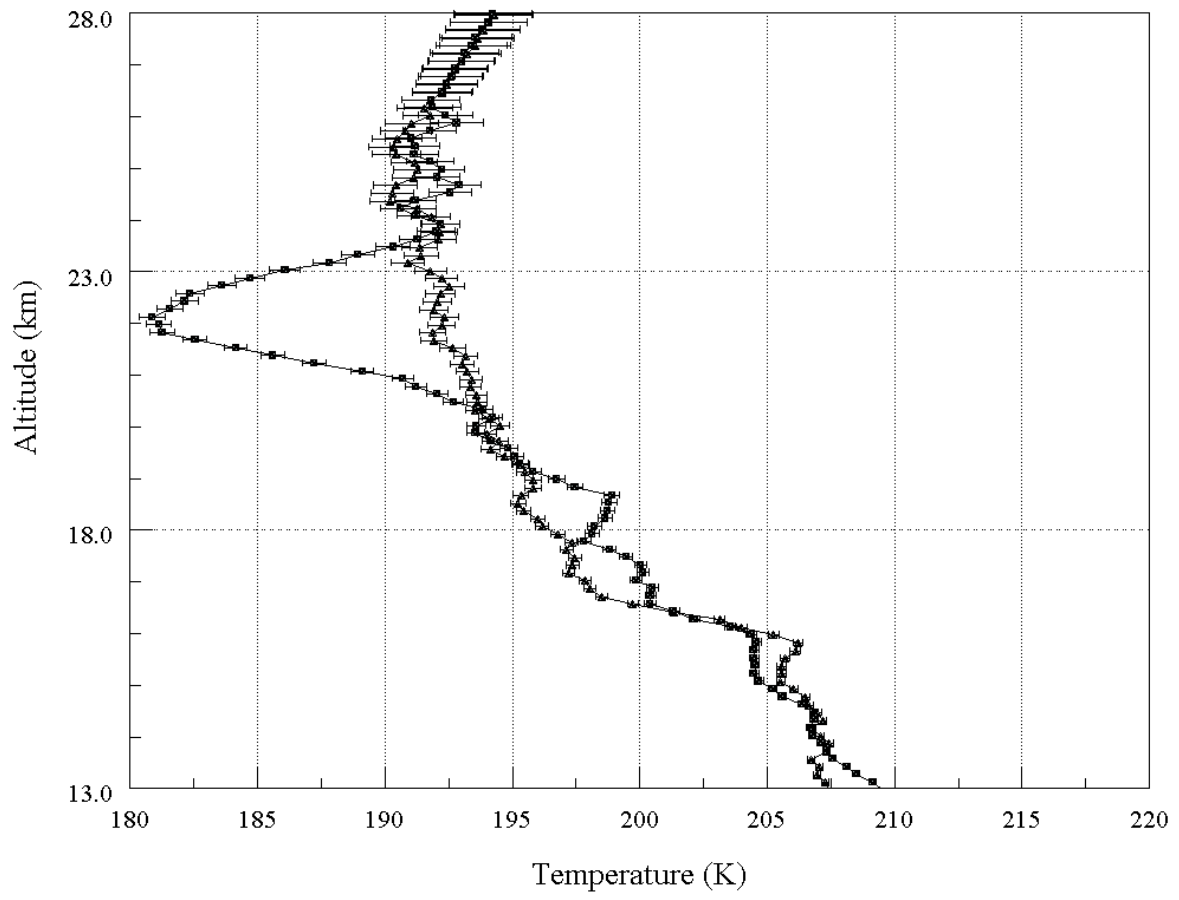


12 UTC on 12 December, 1999
480 K

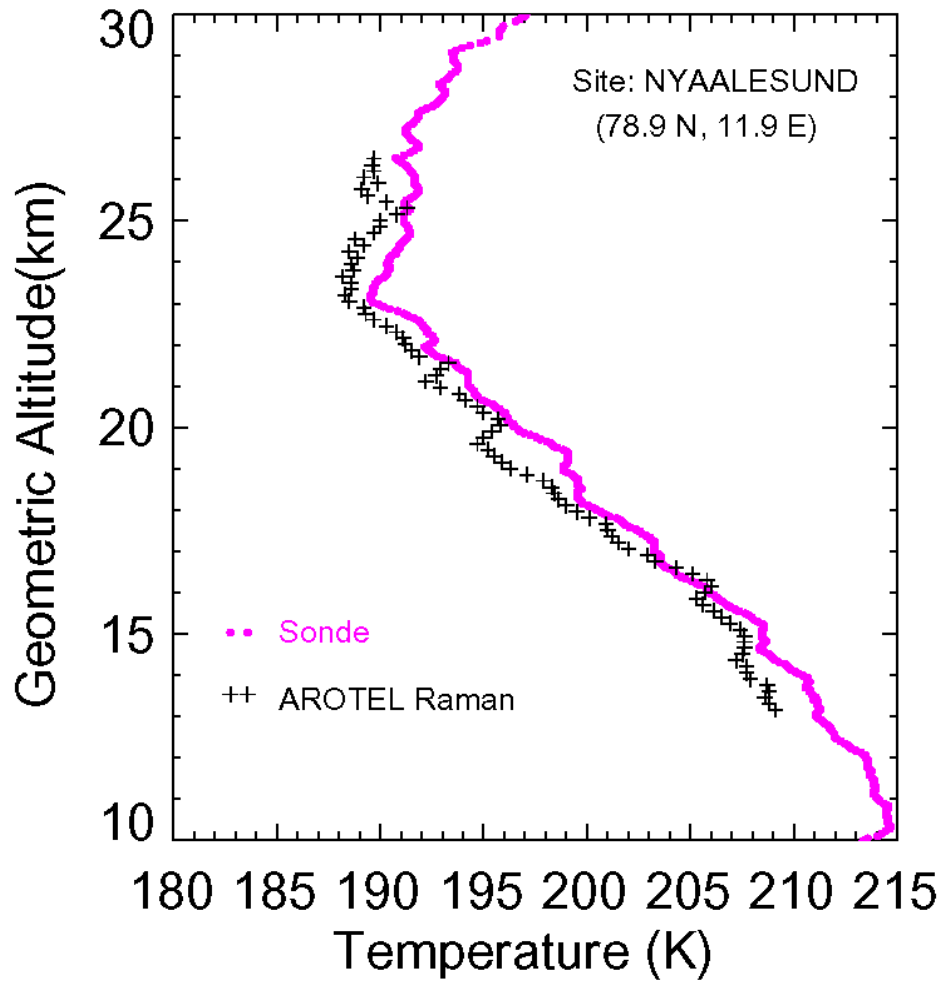


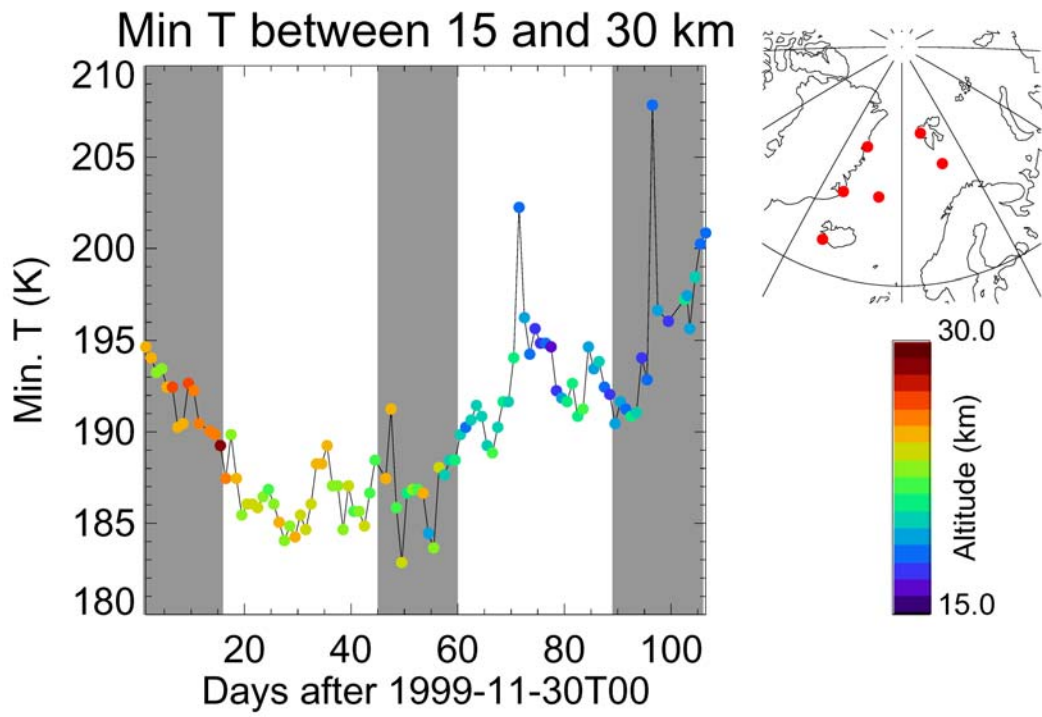






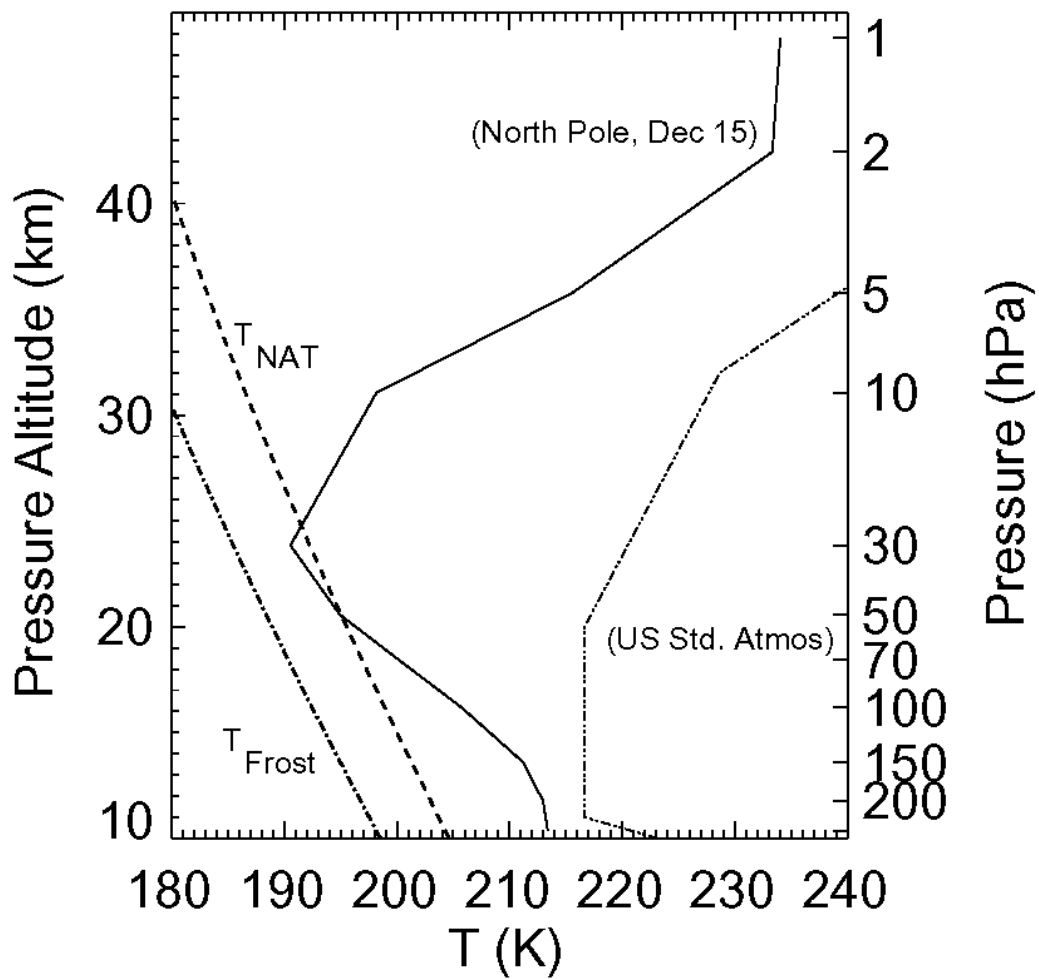
12 December, 1999



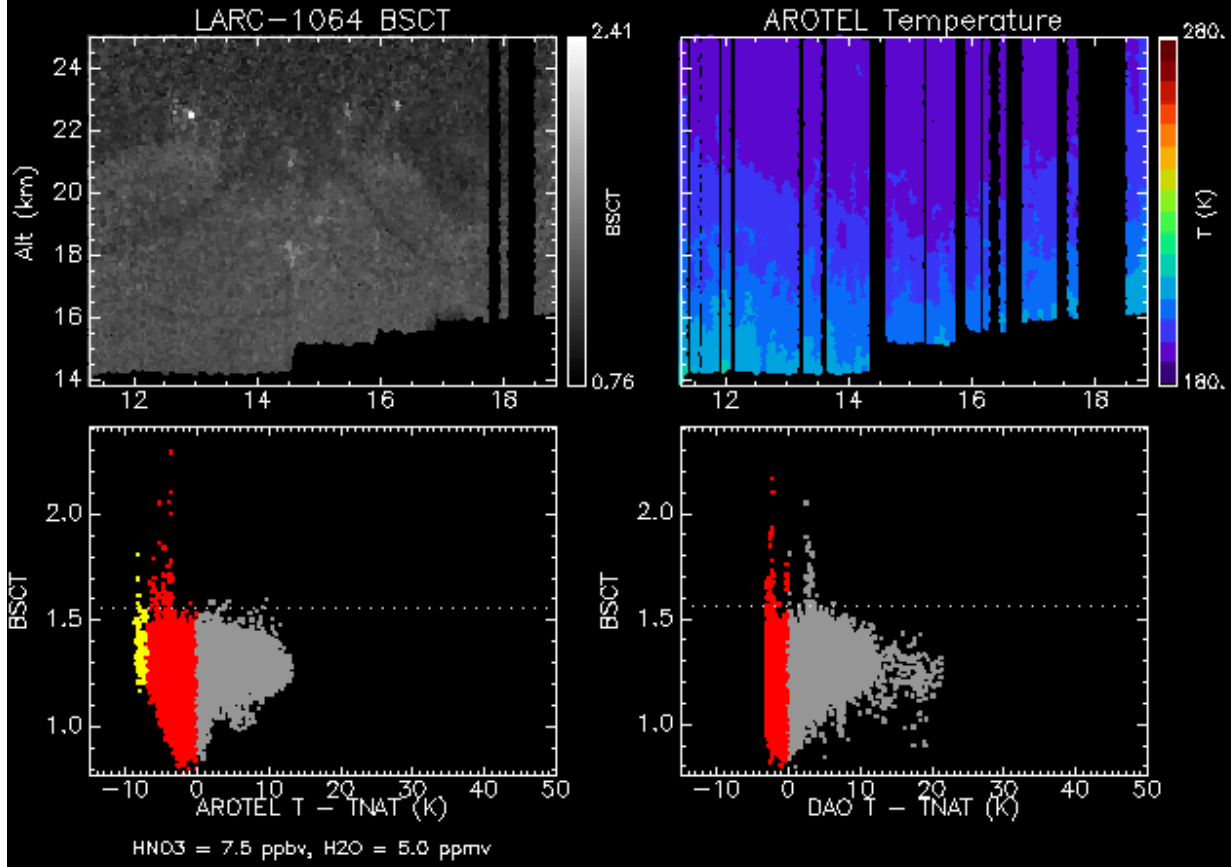


NAT and Frost Condensation Point Profiles

HNO₃=6.0 ppbv, H₂O=5.0 ppmv

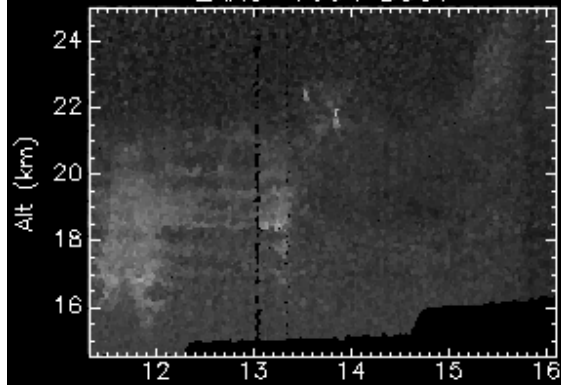


AROTEL Rayleigh data: Flight of 12 December, 1999

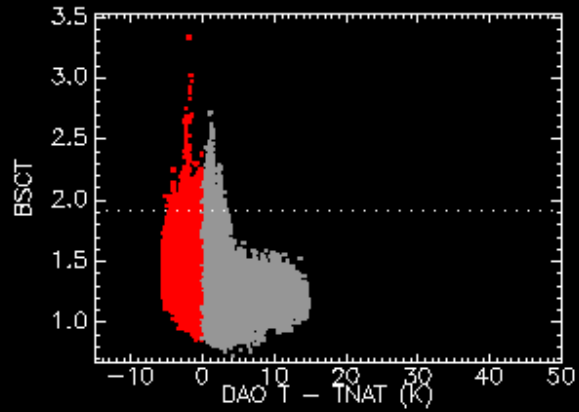
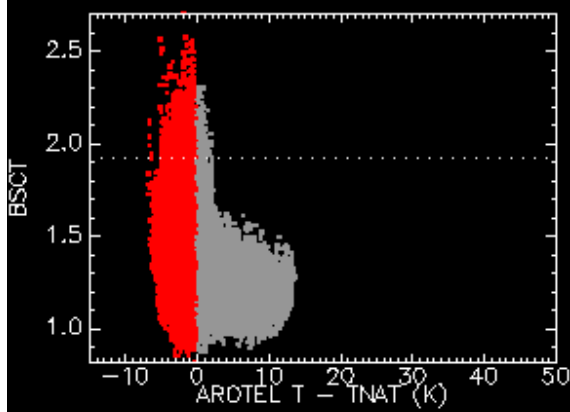
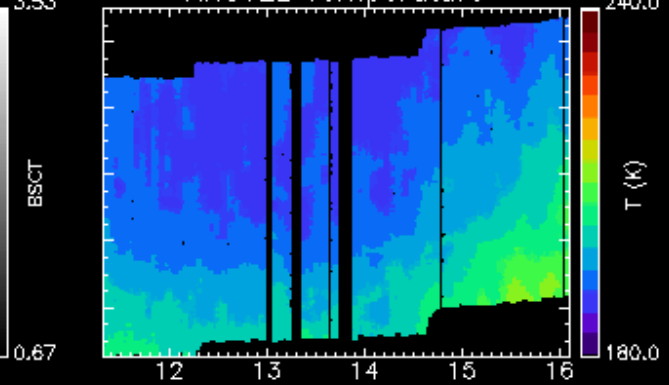


AROTEL Raman data: Flight of 16 January, 2000

LARC-1064 BSCT



AROTEL Temperature



$\text{HNO}_3 = 8.6 \text{ ppbv}$, $\text{H}_2\text{O} = 5.0 \text{ ppmv}$

AROTEL Raman data: Flight of 29 January, 2000

