



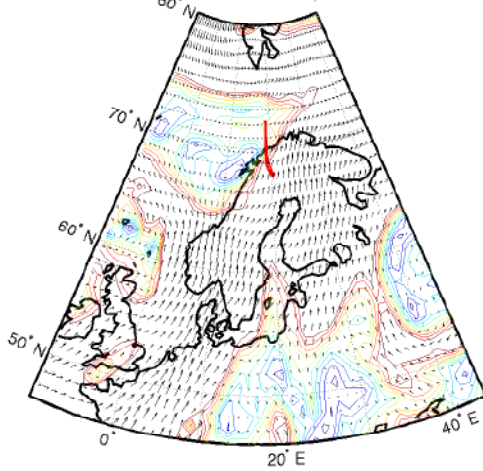
Supplement of

Transport of aerosol to the Arctic: analysis of CALIOP and French aircraft data during the spring 2008 POLARCAT campaign

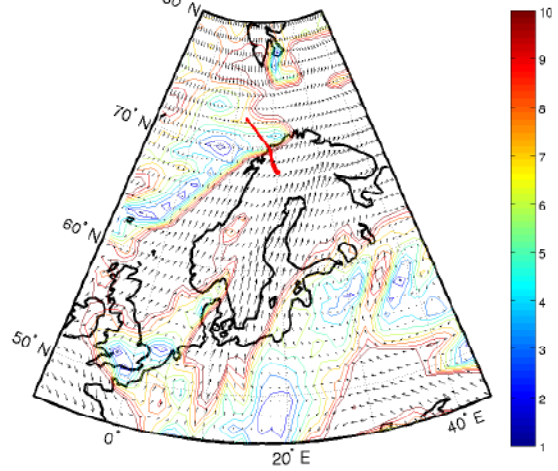
G. Ancellet et al.

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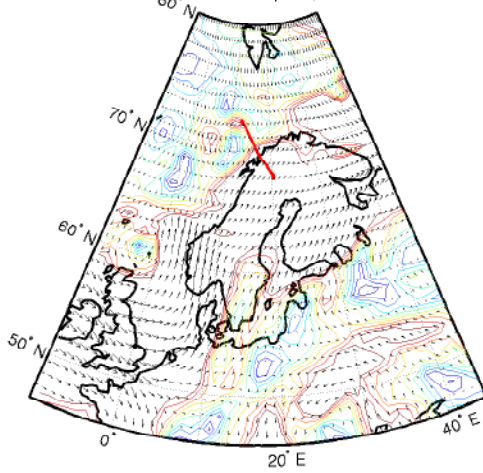
Wind 700hPa EGMWFMar.30,2008 12:00:00



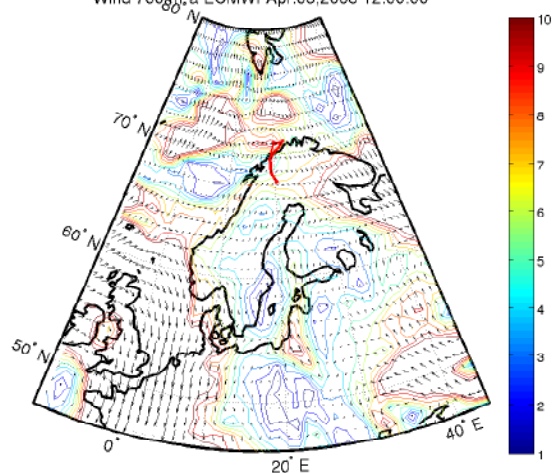
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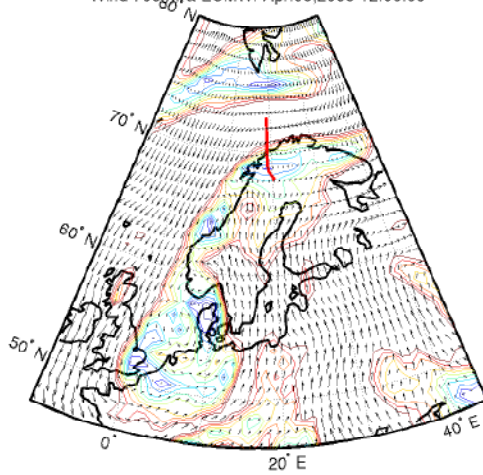
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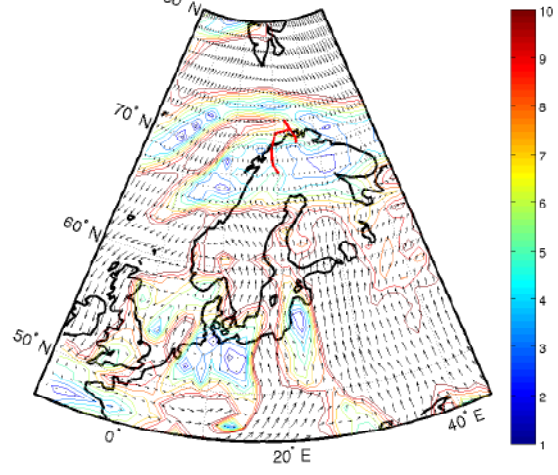
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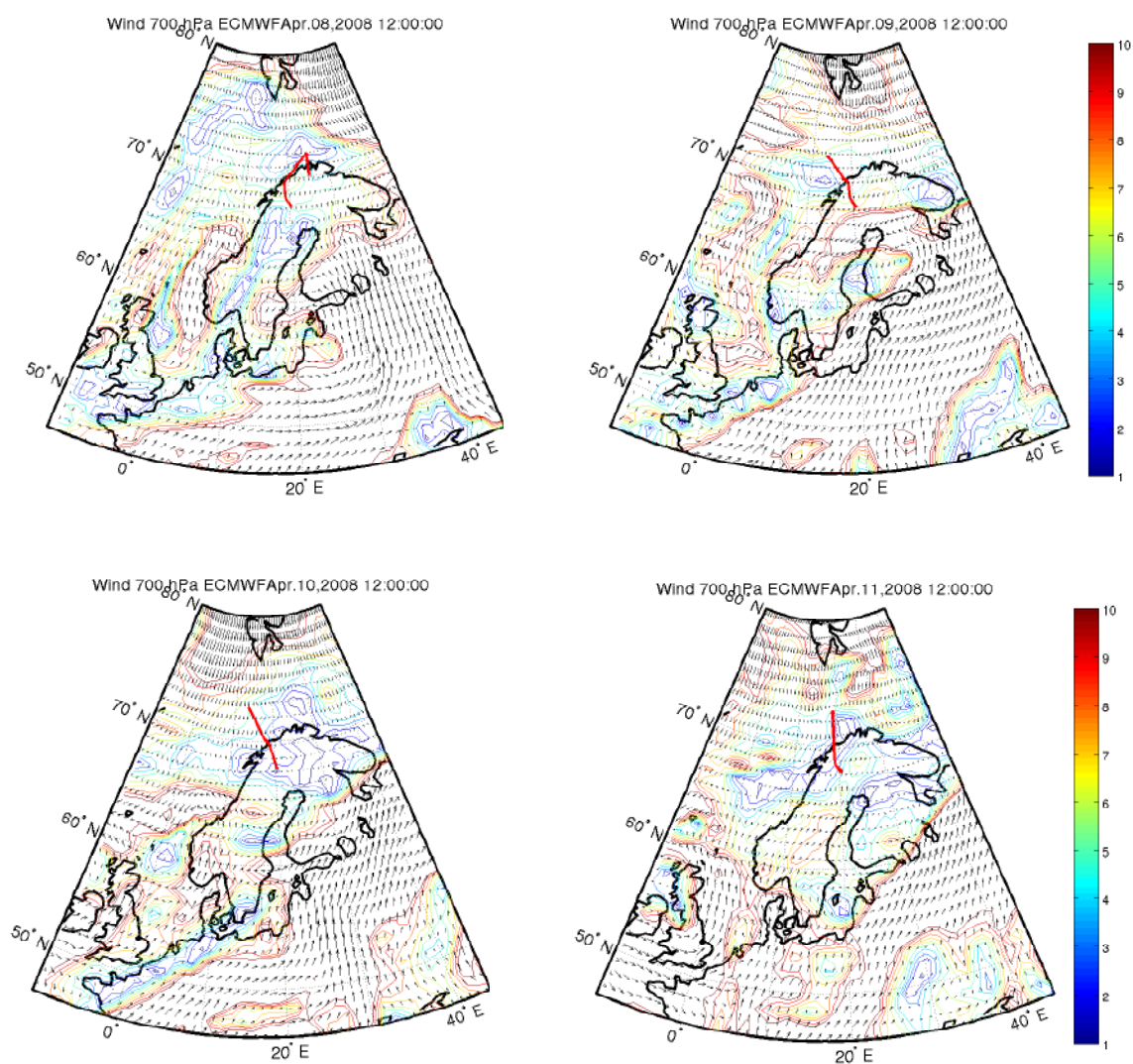
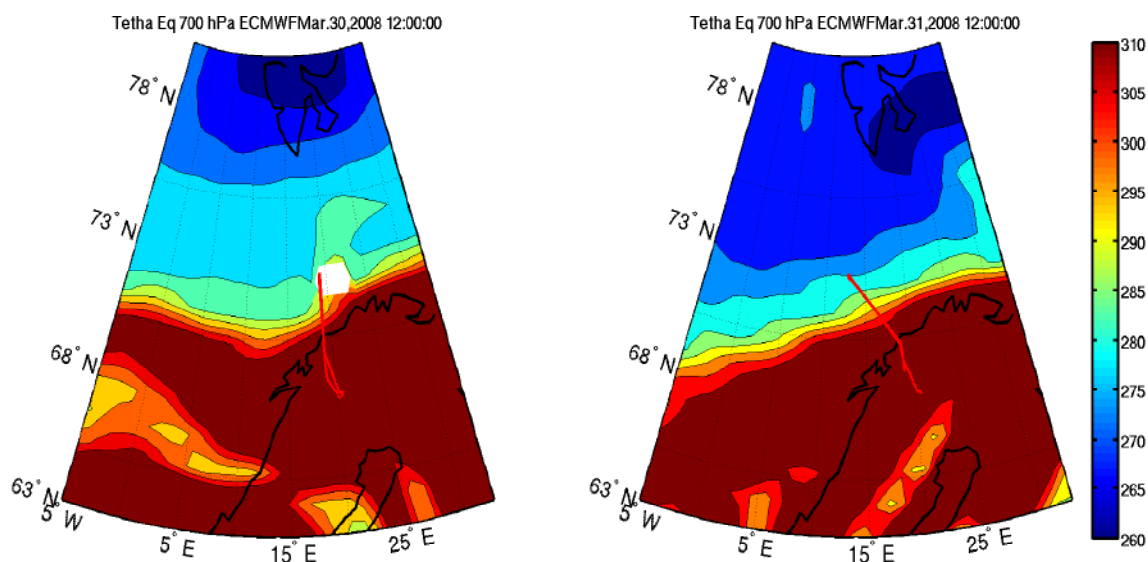
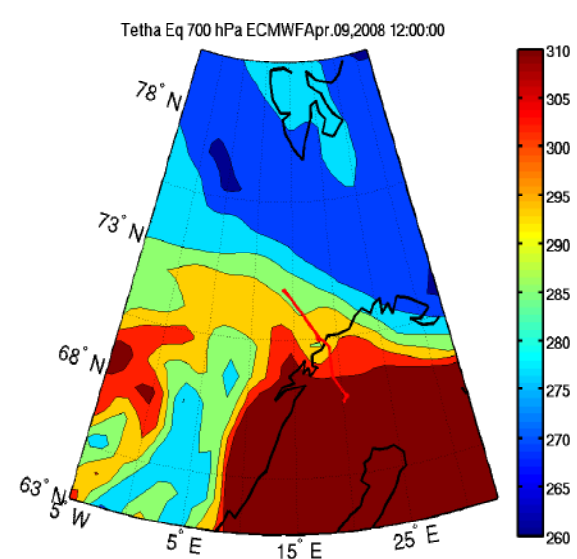
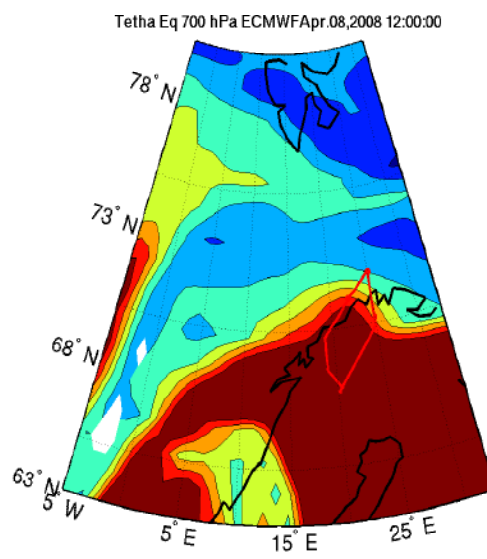
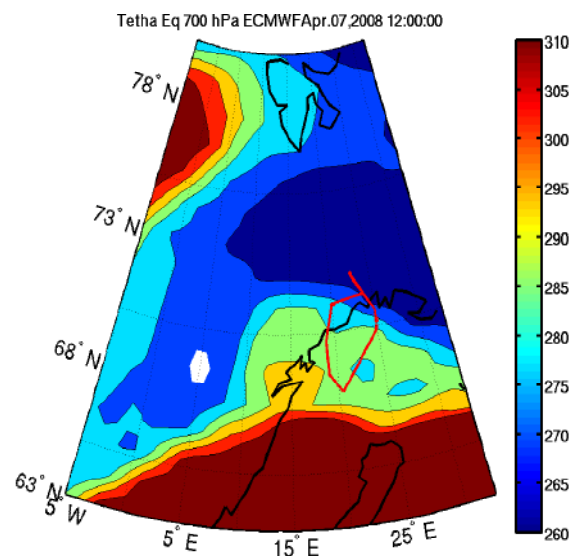
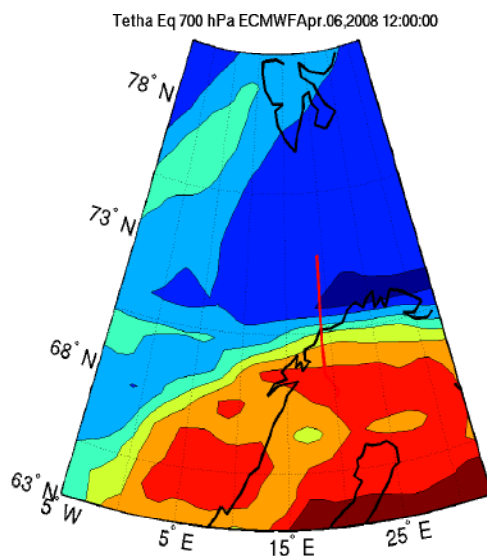
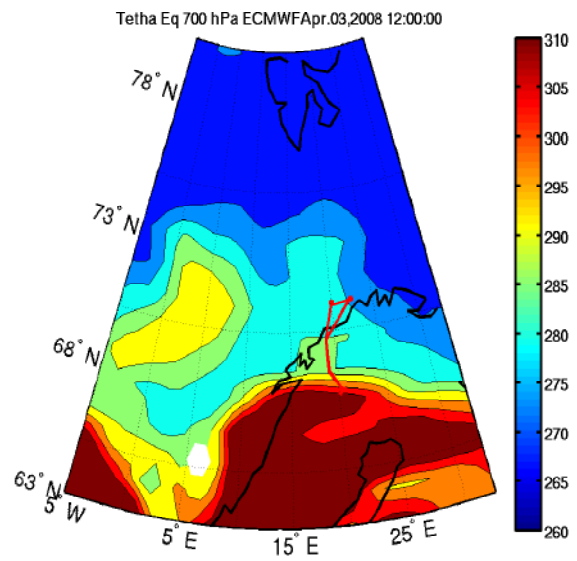
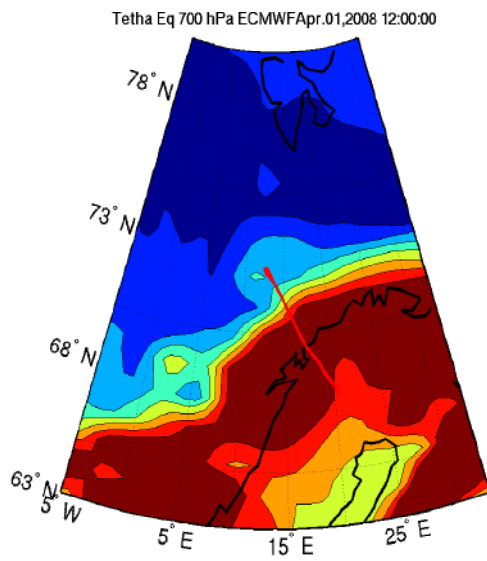


Figure 1 Wind field at 700 hPa,12:00UT from March 30 to April 11 for the aircraft flights listed in Table 1. The color scale corresponds to the wind intensity in m.s^{-1}





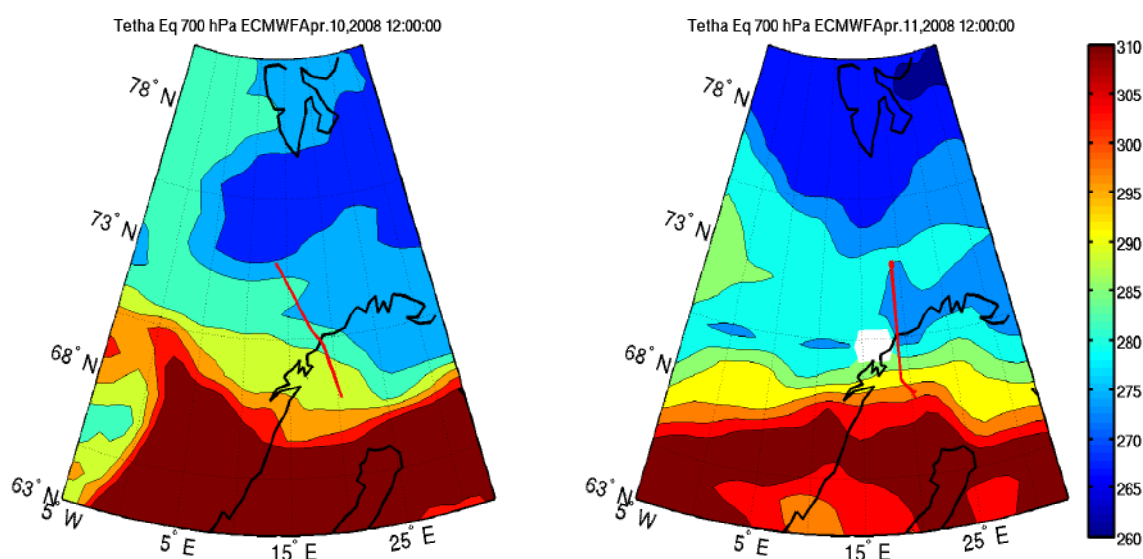
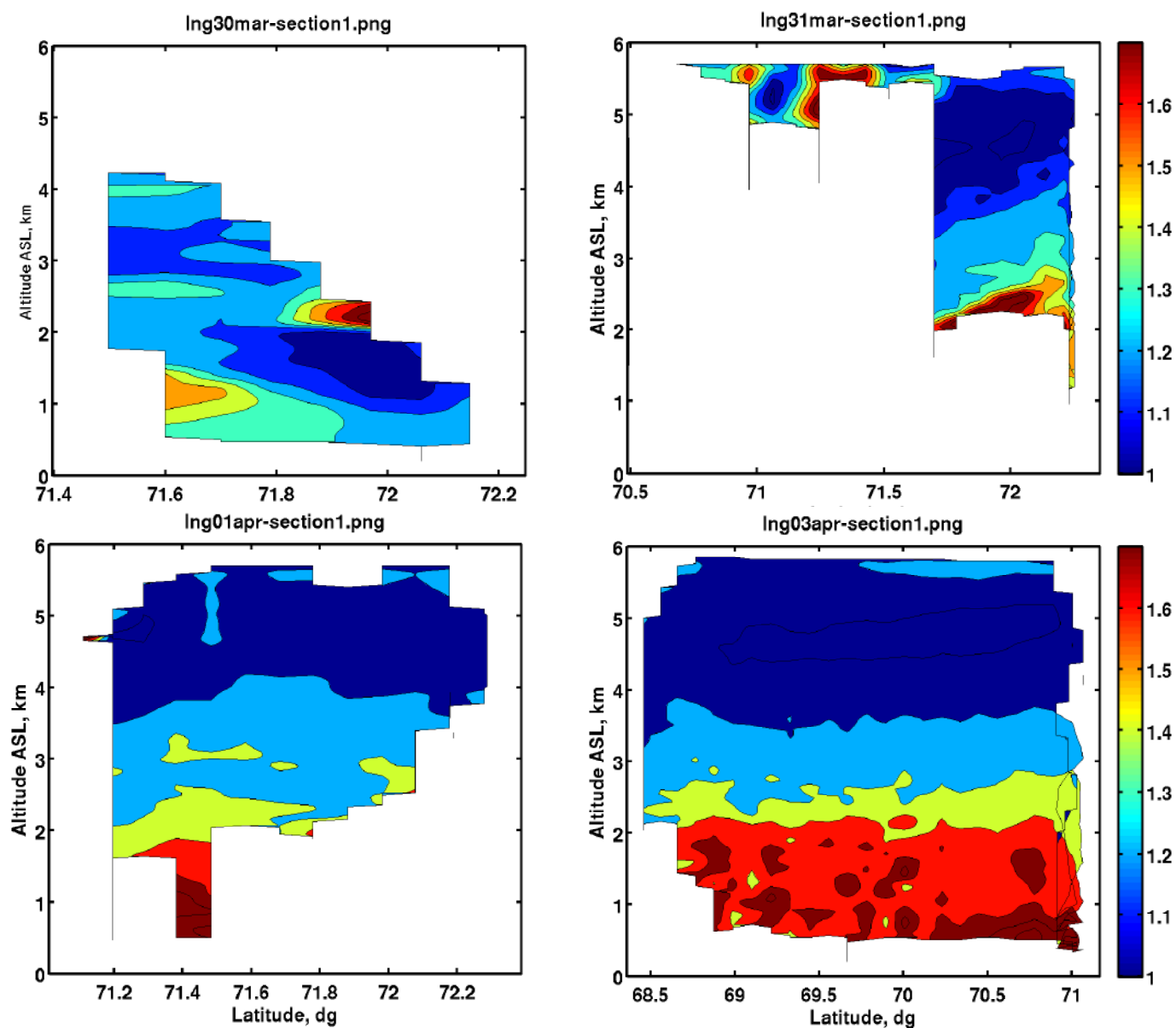
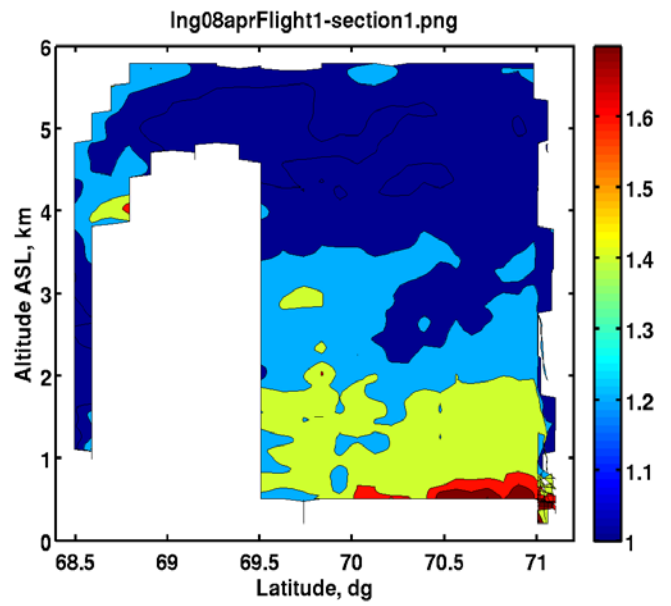
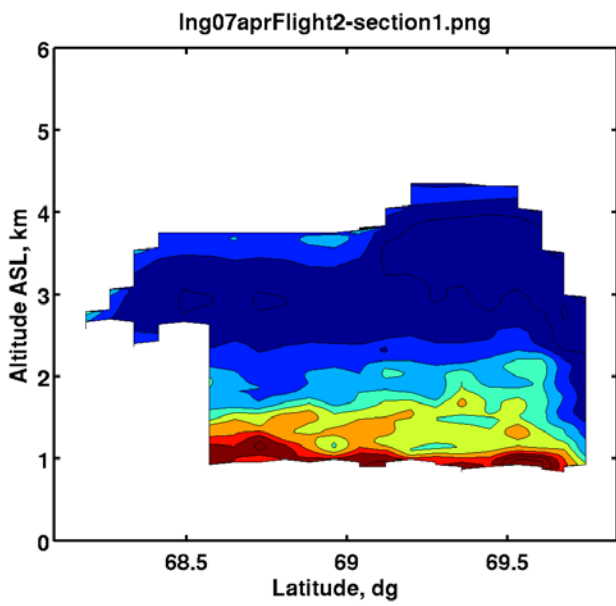
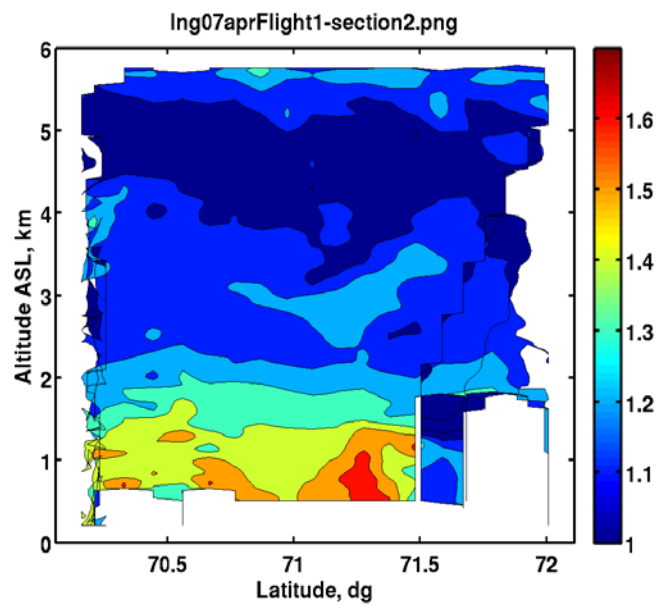
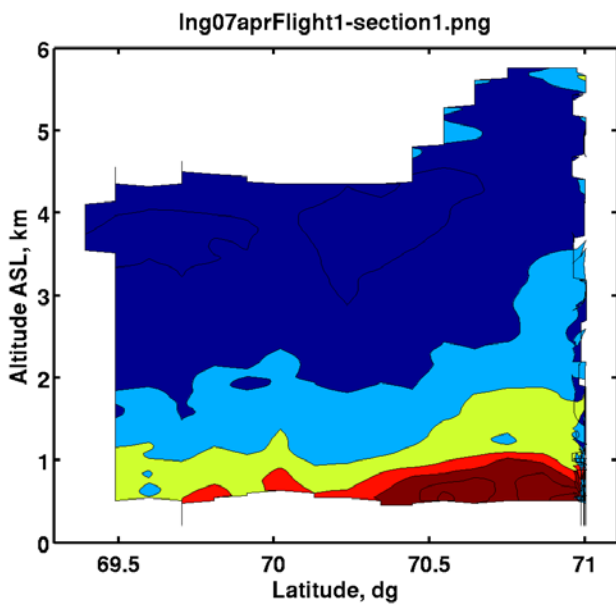
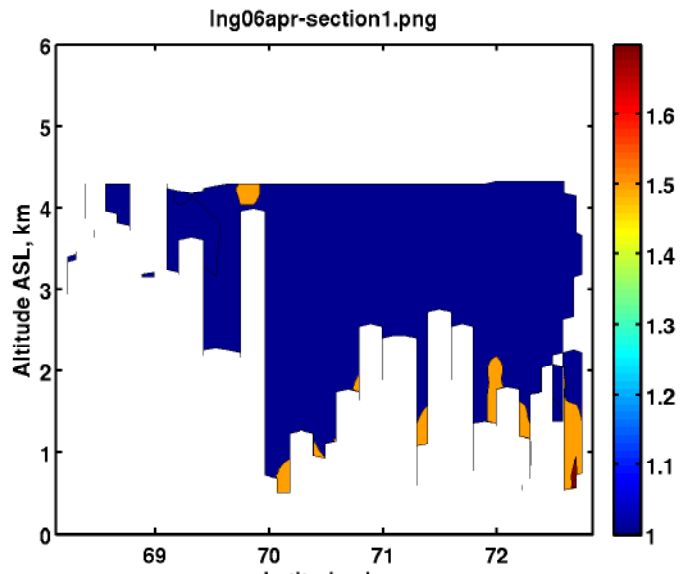
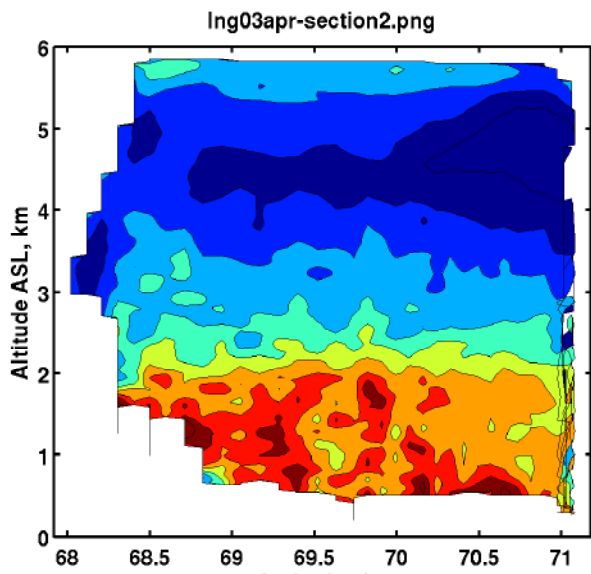
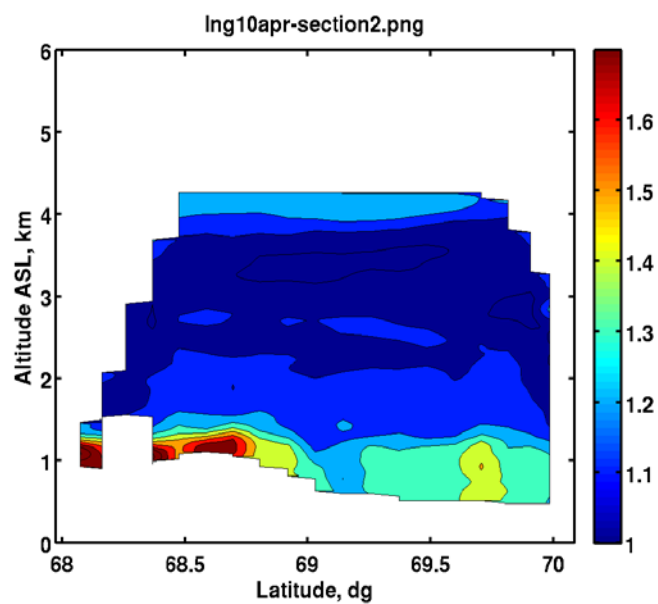
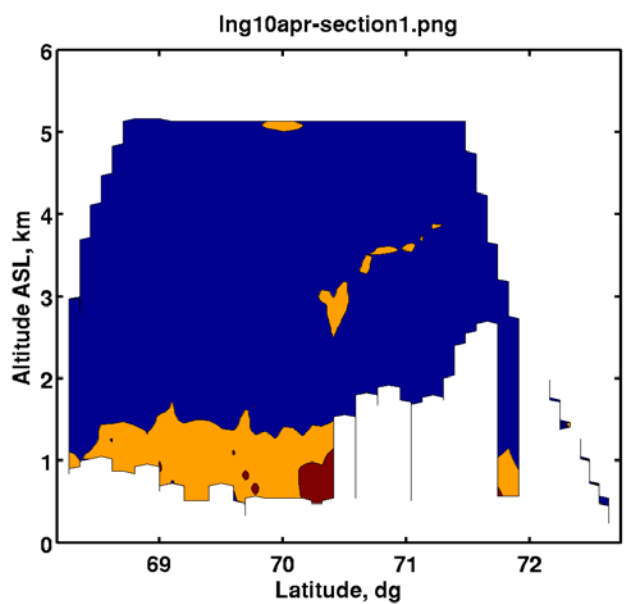
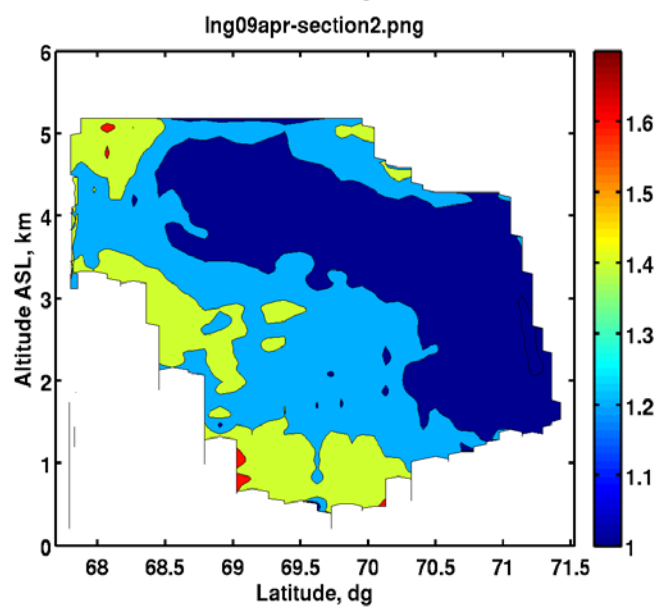
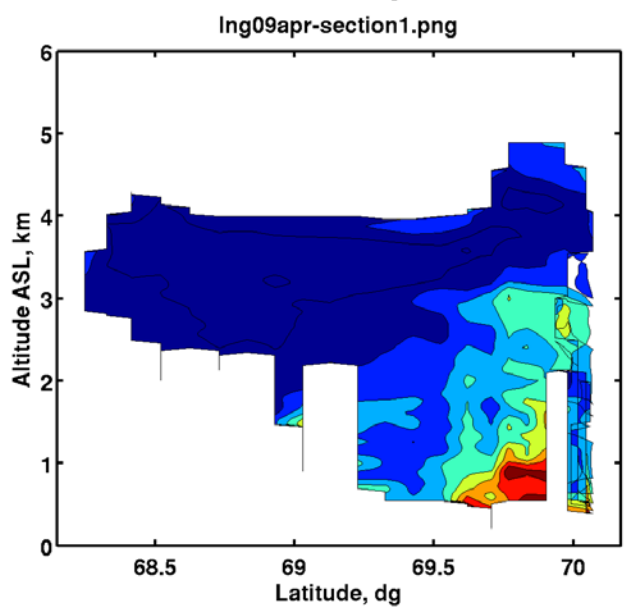
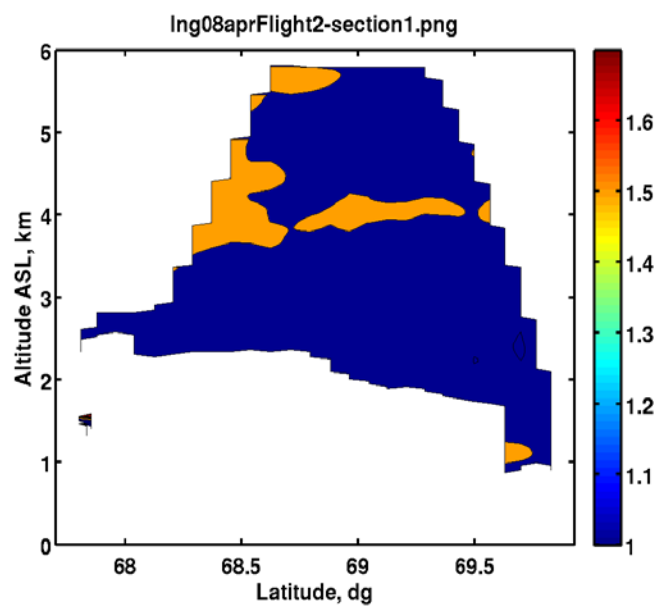
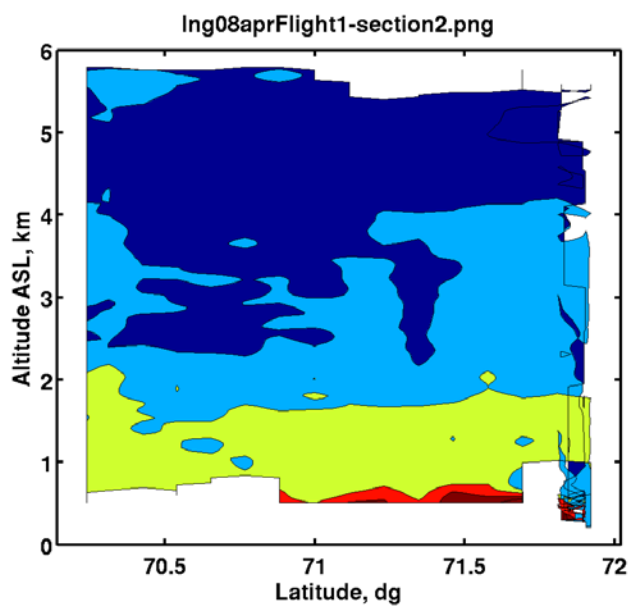


Figure 2: Equivalent potential temperature in K at 700 hPa, 12:00 UT from March 10 to April 11 for the aircraft flights listed in Table 1







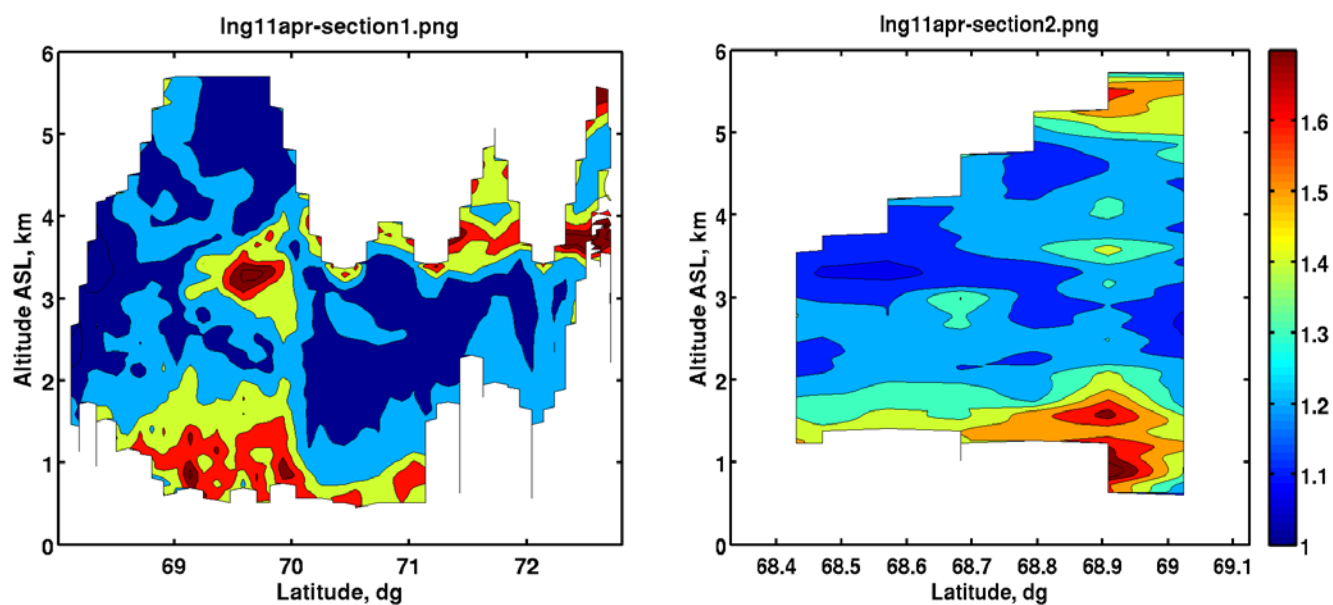


Fig. 3 Vertical cross sections of the airborne lidar 532 nm backscatter ratio for the aircraft meridional cross section from 30 March to 7 April listed in Table 1.