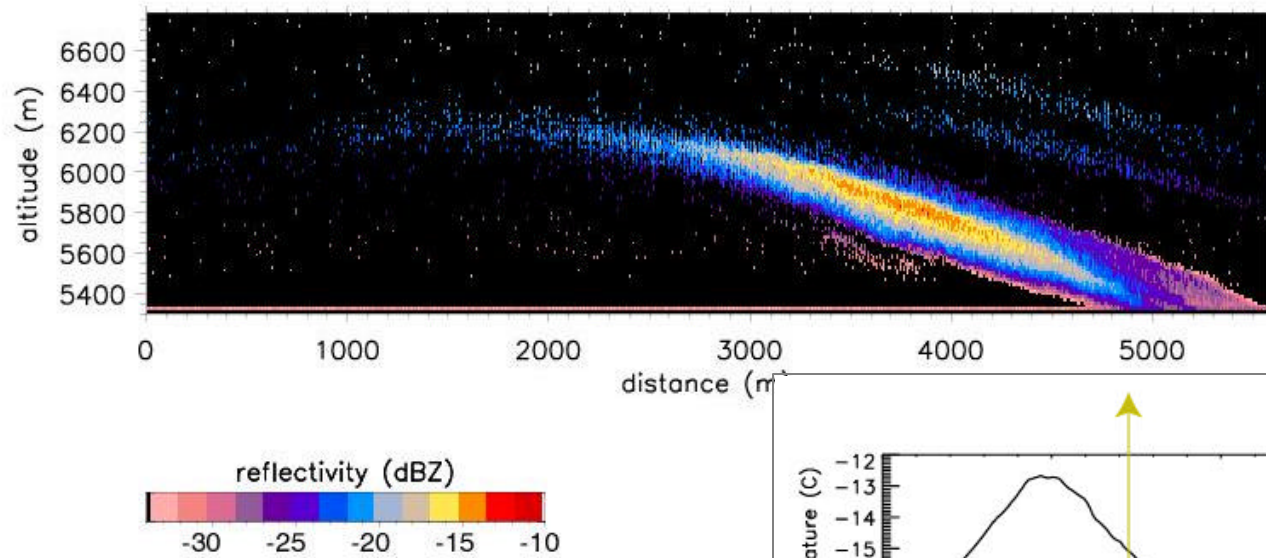
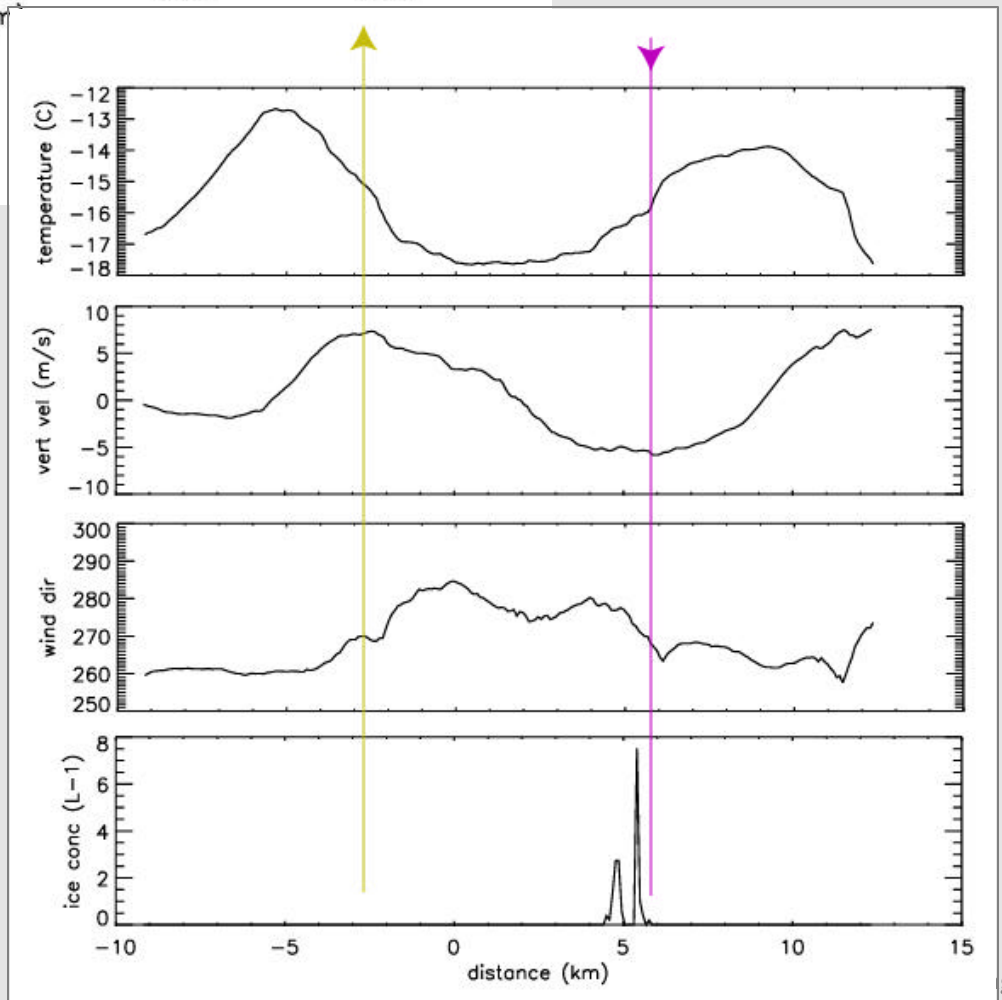


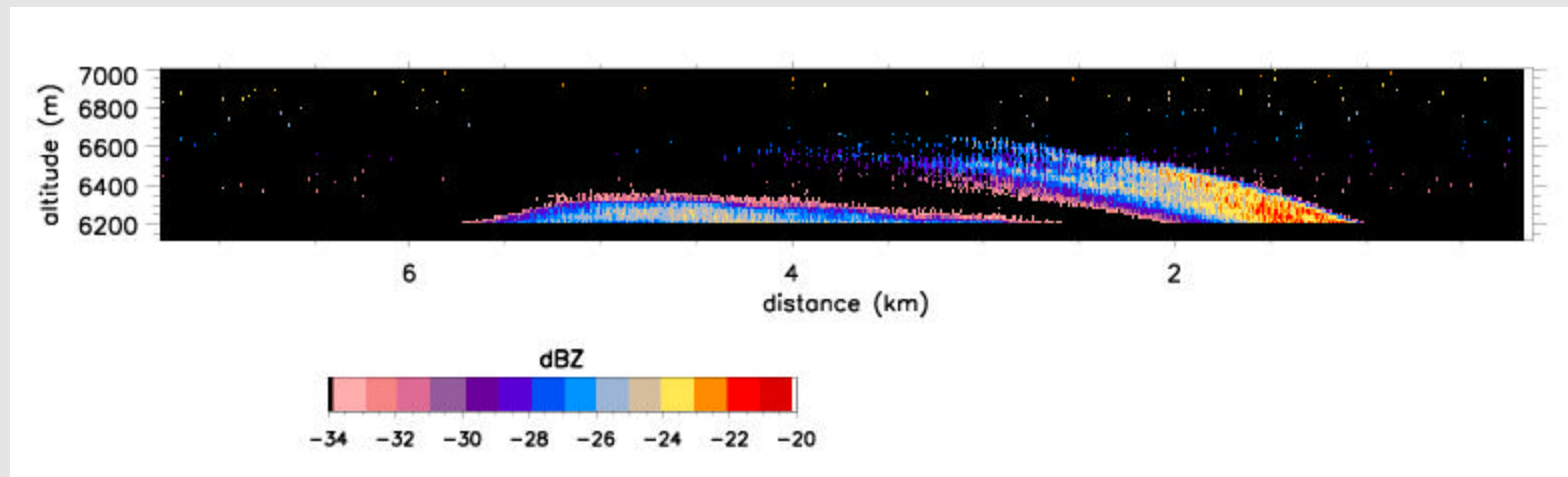




Alto cumulus lenticularis (Ac lent.)
 970219 (00:43:22 is 0 km)

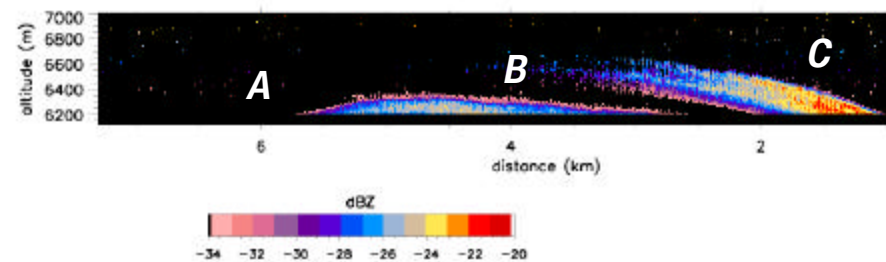
no cloud droplets at flight level



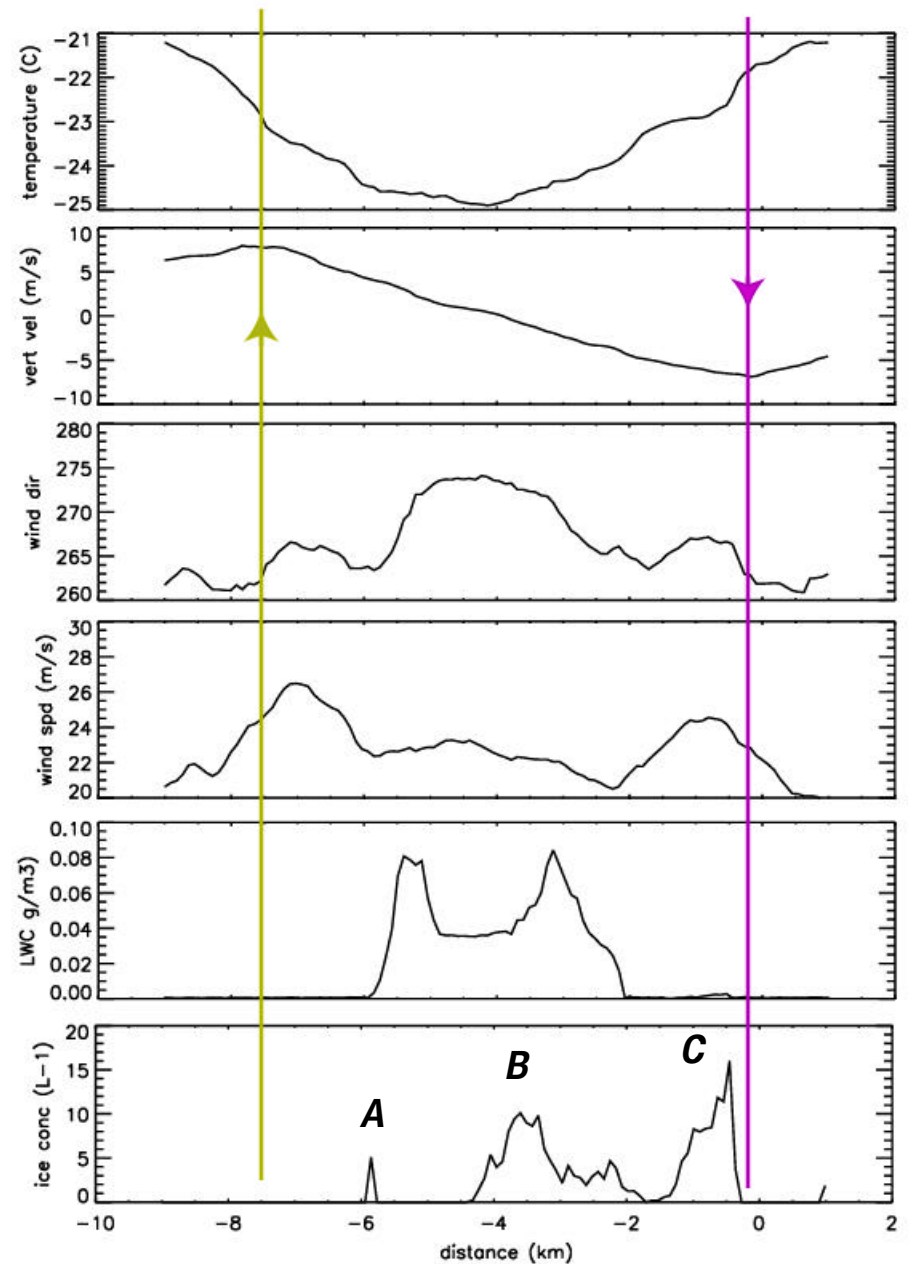


WYICE97 970219+1 00:39

Echo visible across the top of a wave, and from the downwind leg of an upper wave.

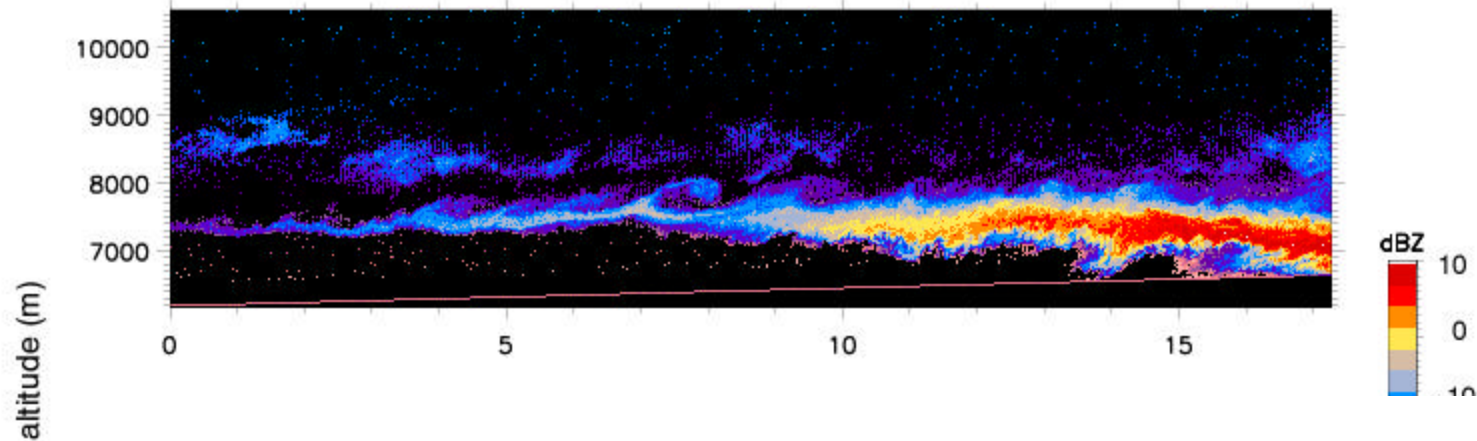


In lower wave, ice concentration is maximum near the bottom (coldest temperature), while the upper wave has maximum ice concentration near its upper surface (not the coldest part).

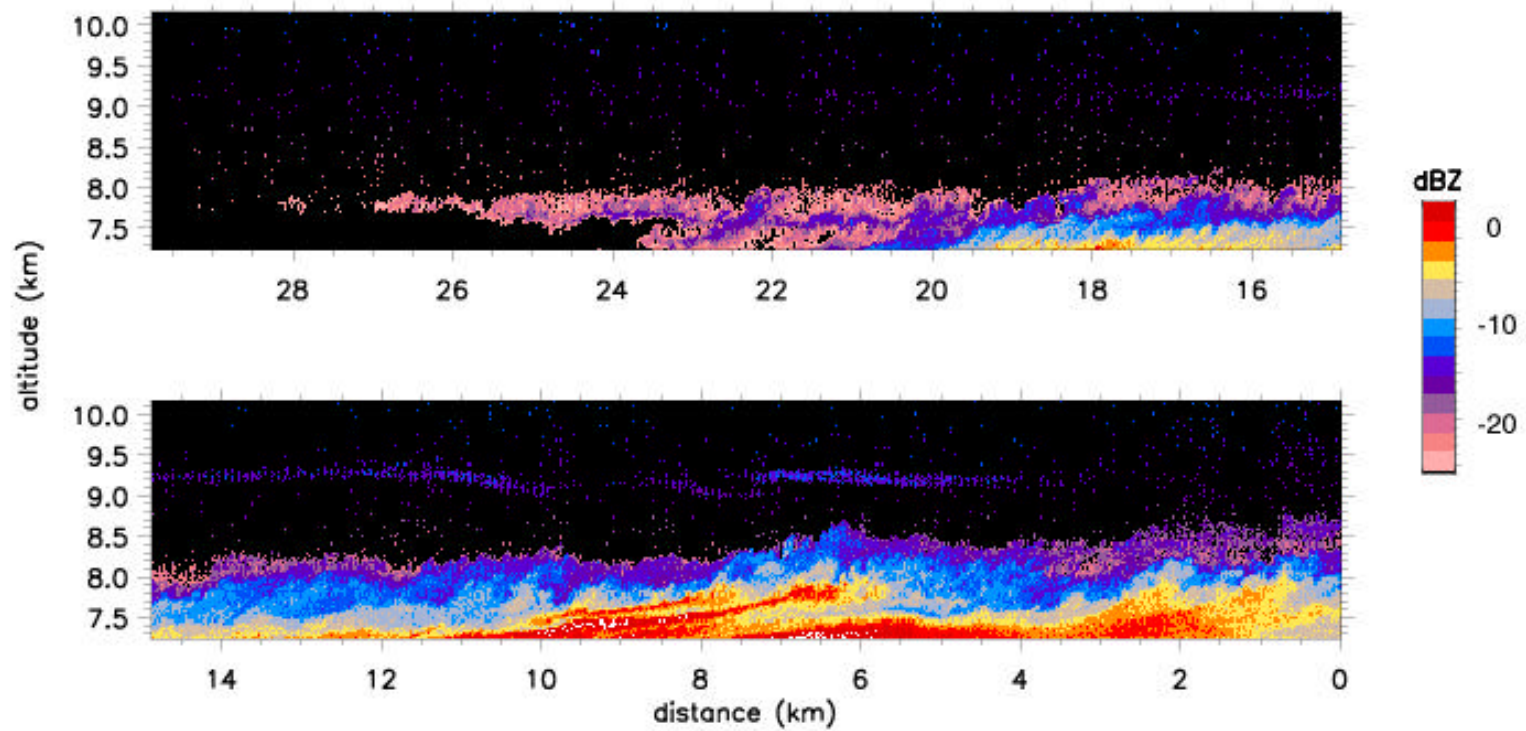


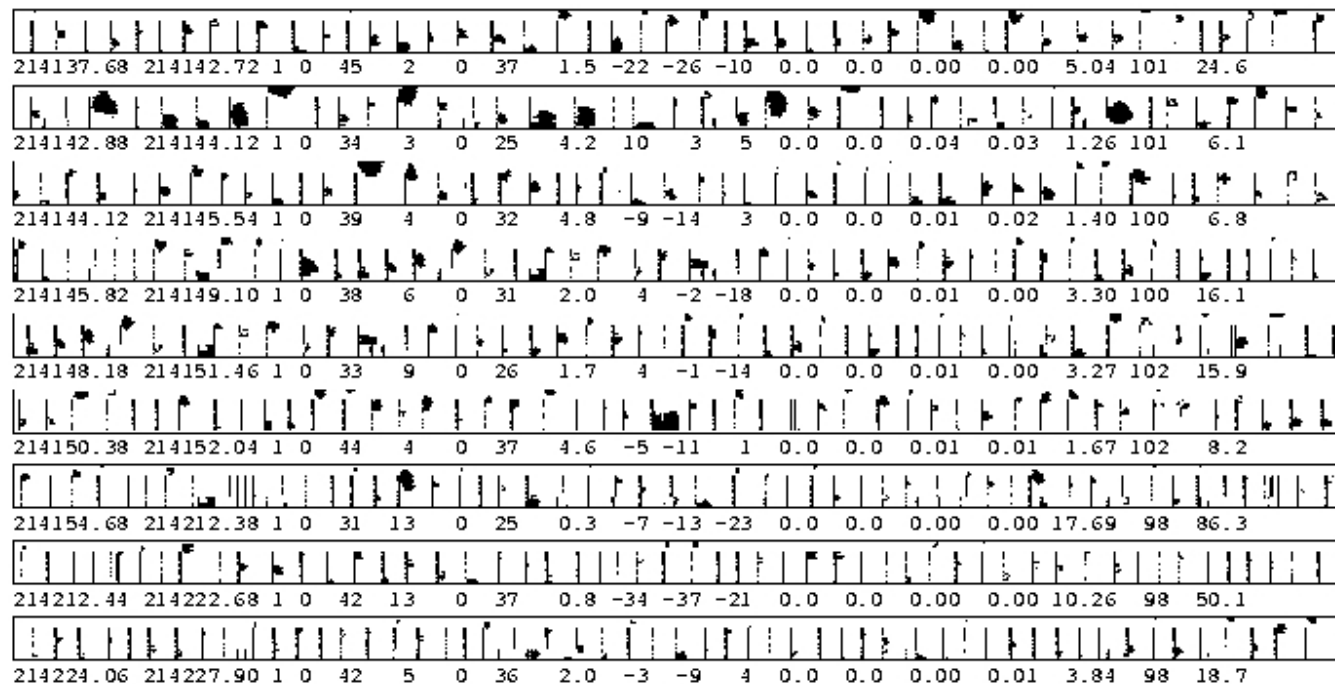
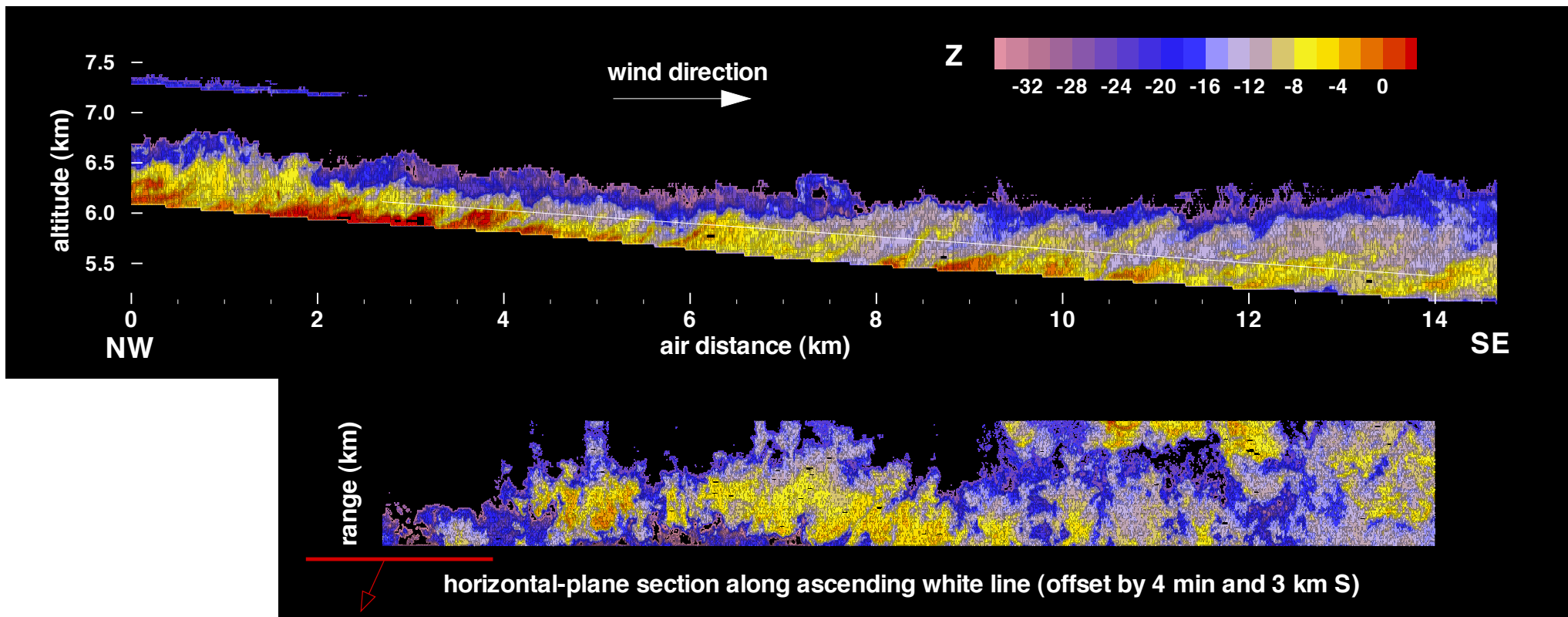
970217 - *Cirrostratus*

17:57



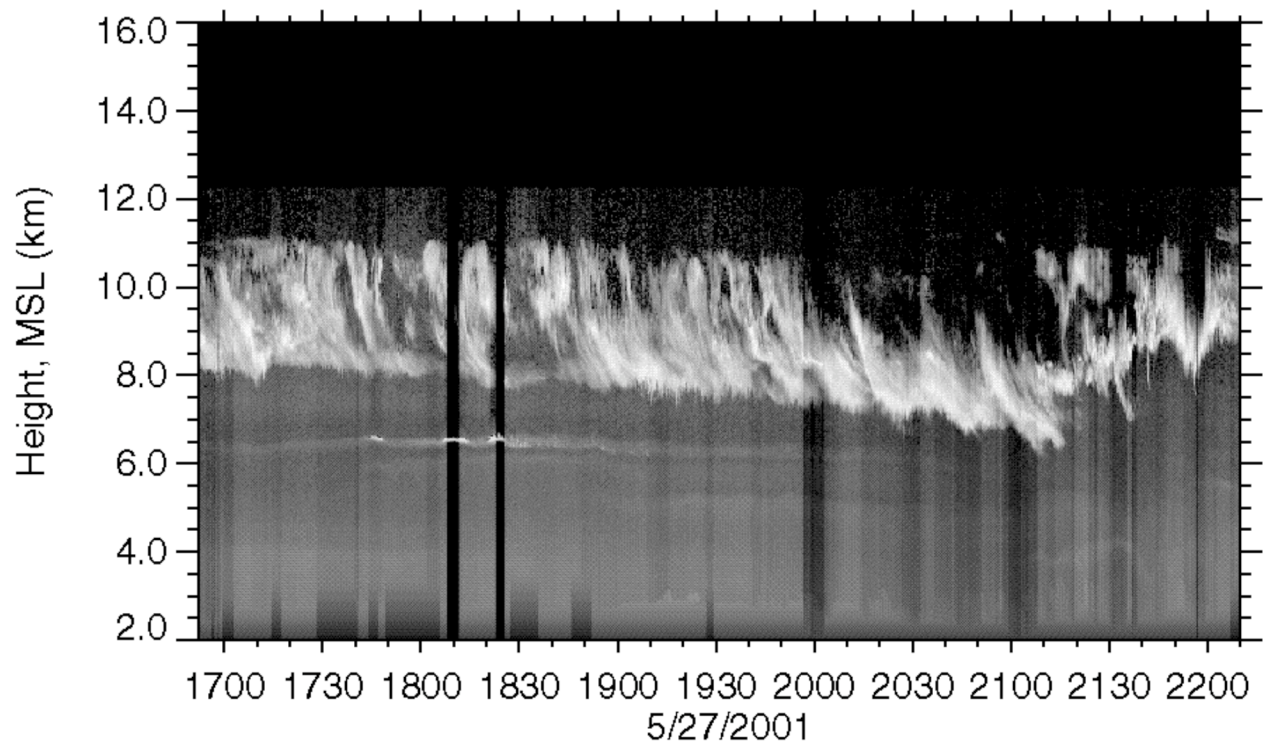
18:44



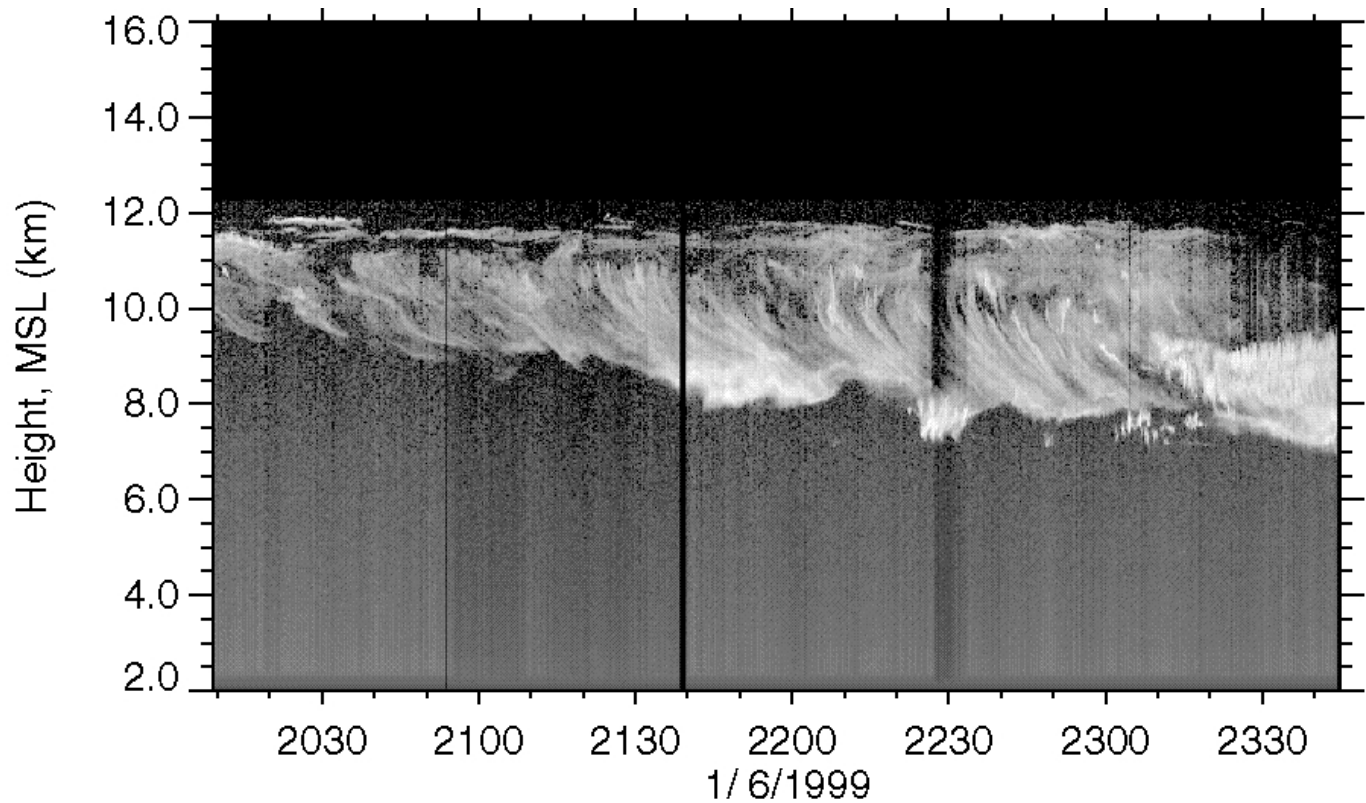


0.3 to 5 L⁻¹ 2D-C

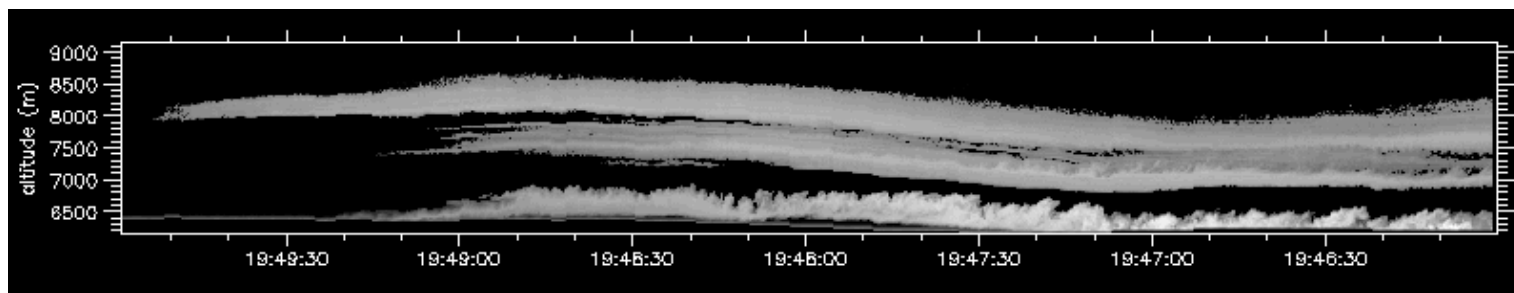
WYICE00 nov 19, 21:34 to 21:42
 Temperature -20 to -26°C
 Wind at 5 km altitude: 310°/30 m s⁻¹
 Windshear 3 m s⁻¹ km⁻¹



Sassen ruby lidar



WYICE00 5/9/2000 19:46 – 19:50



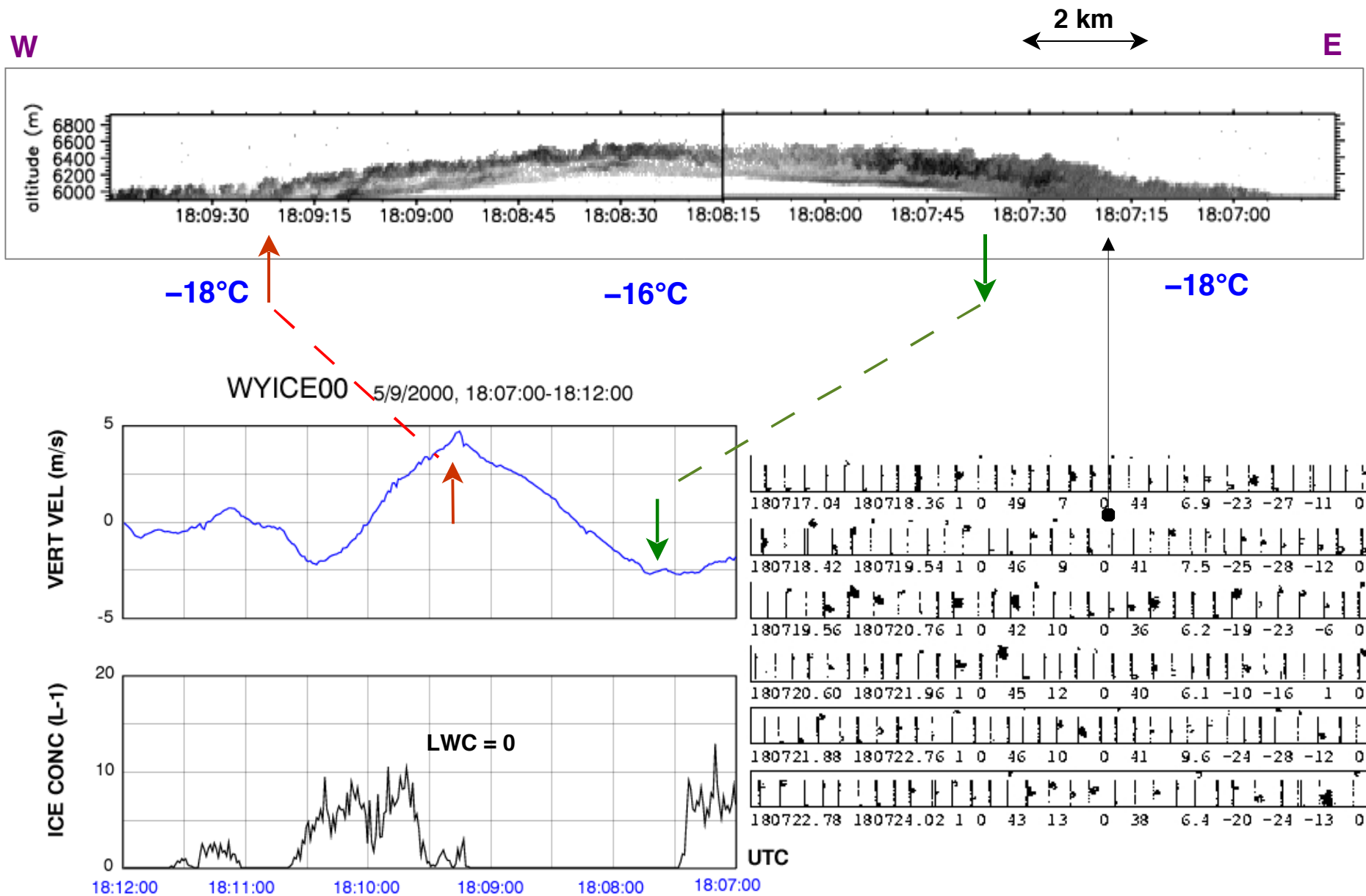
–28°C
270°/ 36 m/s

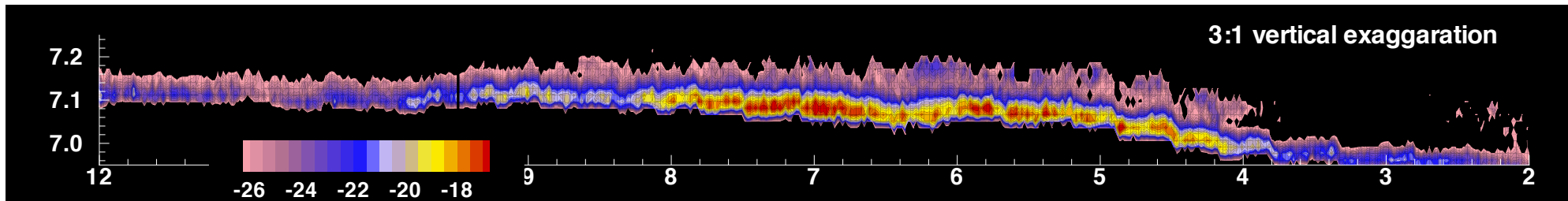
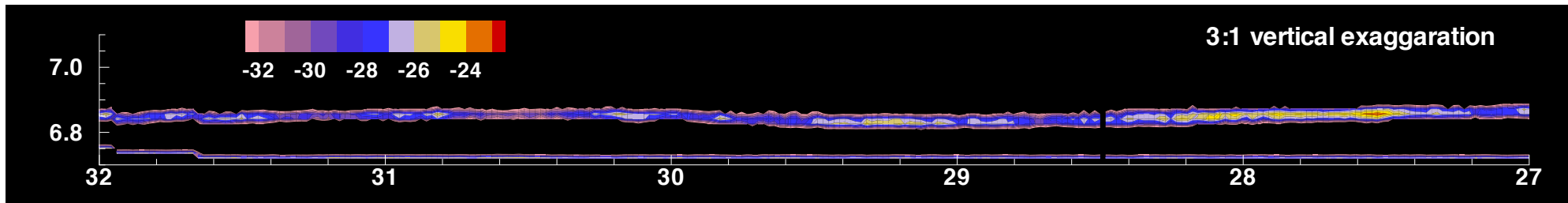
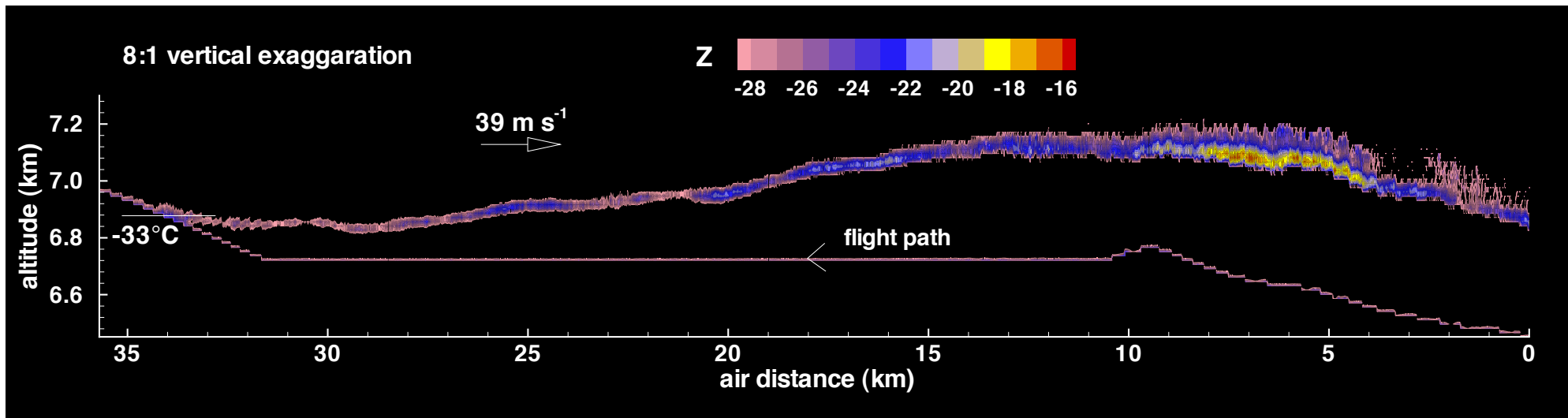
0.2 g m⁻³ LWC
1–2 L⁻¹, 50–100µm

~ 6 min travel time in the wave

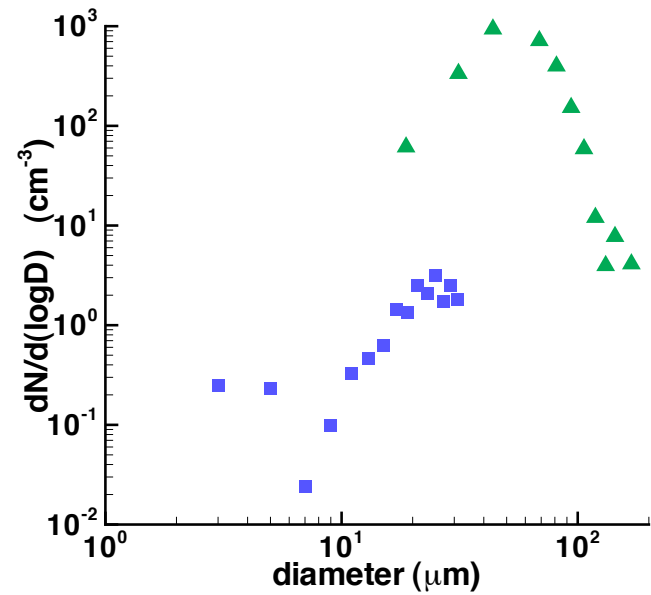
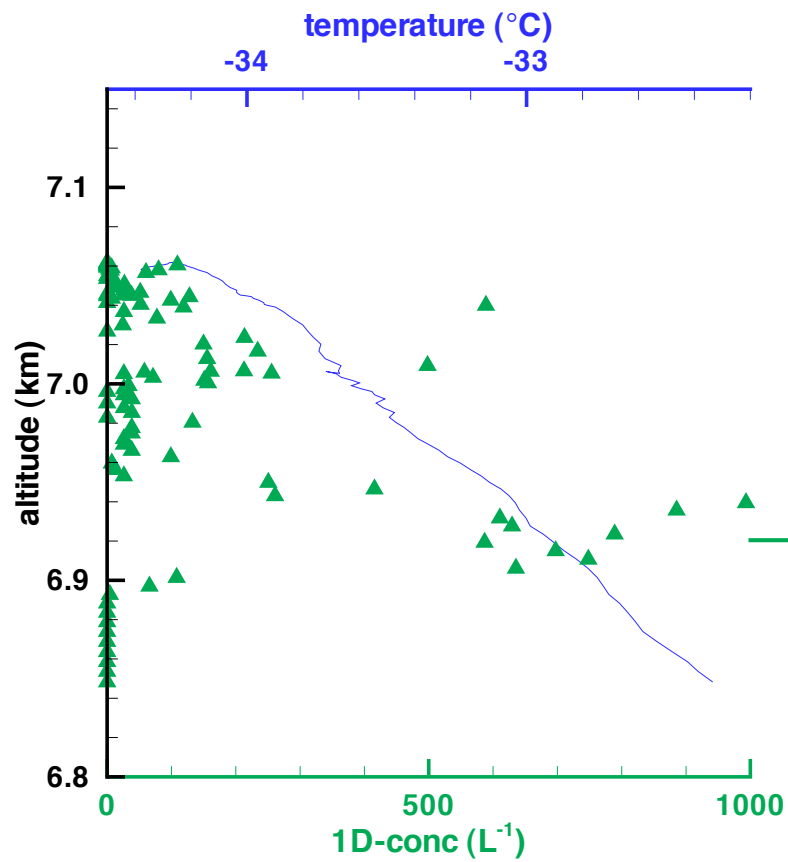
trace LWC
~30 L⁻¹, 500µm max

–20°C
270°/ 28 m/s





WYICE00 nov 19; 21:42 to 21:49 pass toward 316°
 wind direction from 305°
 all ice; shows some horizontal variations



WYICE00 nov 19 21:49 climb through Cs

