

The comparison of PSC layers observed over Svalbard and Dome station, Antarctic.

Kouichi Shiraishi [1]

[1] Faculty of science, Fukuoka University

We installed the YAG lidar system at Ny-Aalesund, Svalbard in temperature lowered than the NAT frost point, most of distinct PSC layers have negative correlation between R and D over Svalbard, while some of such PSC layers have positive correlation over Dome Fuji, Antarctic. We'll be discussed the relation in detail, considering the particle formation mechanism