Supplement of Atmos. Chem. Phys., 26, 5603–5615, 2026
https://doi.org/10.5194/acp-26-5603-2026-supplement

Atmospheric Chemistry and Physics
Open Access
EGU

Supplement of

The diurnal cycle and temperature dependence of crystal shapes in ice clouds from satellite lidar polarized measurements

Vincent Noel et al.

Correspondence to: Vincent Noel (vincent.noel@cnrs.fr)

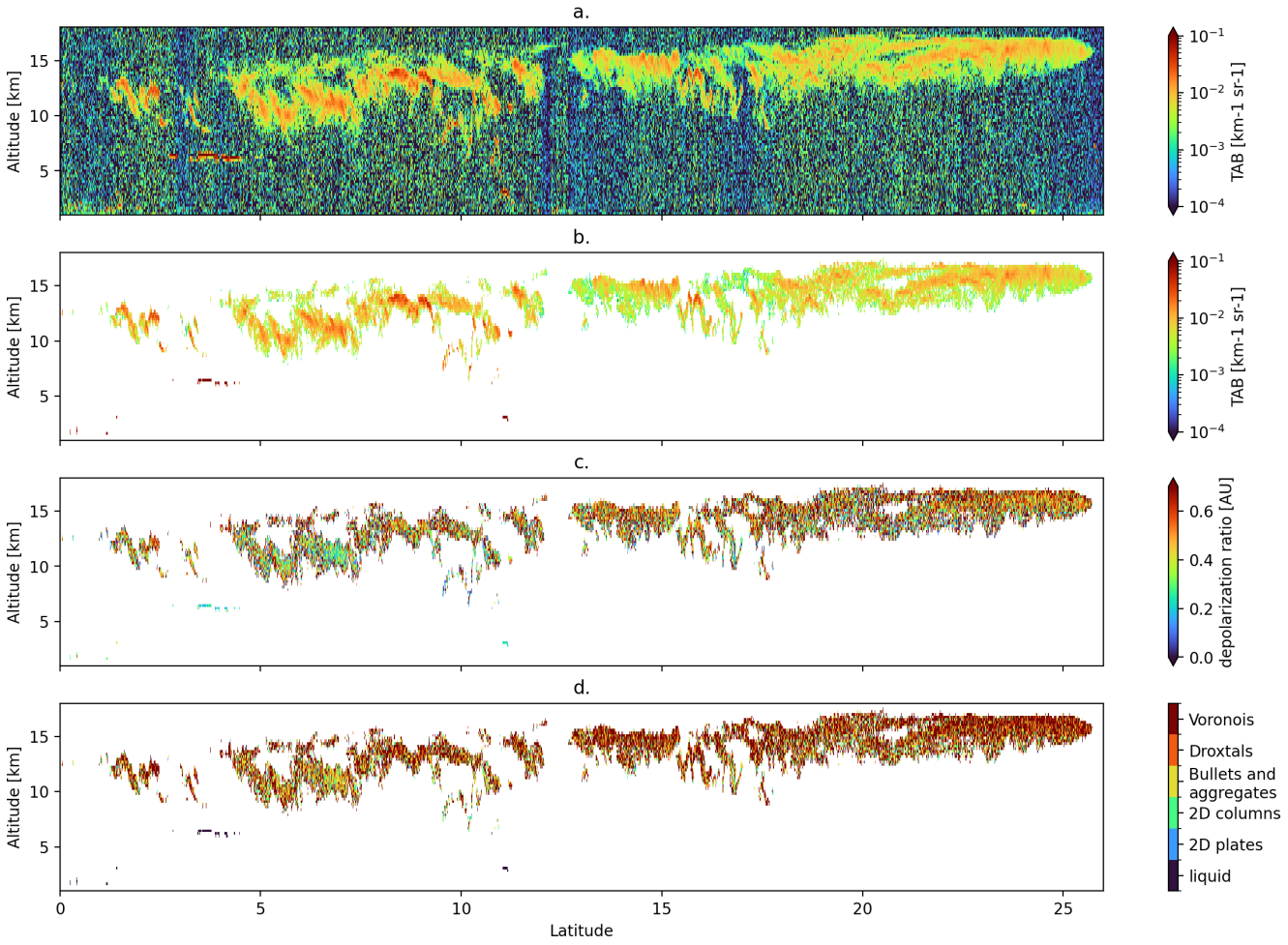


Figure S1: Same as Figure 1, for a segment of the 2015-08-05T08-03-51T08-52-30UTC overpass above the Pacific Ocean in daytime conditions.

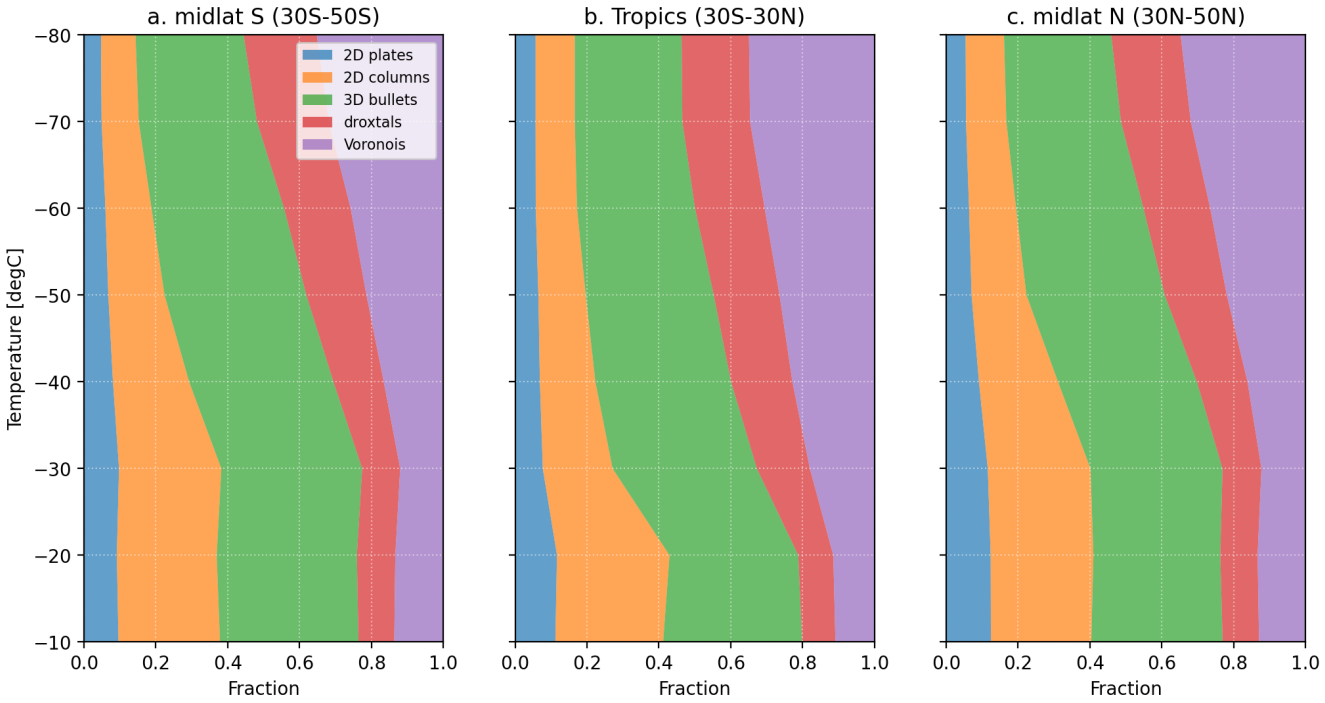
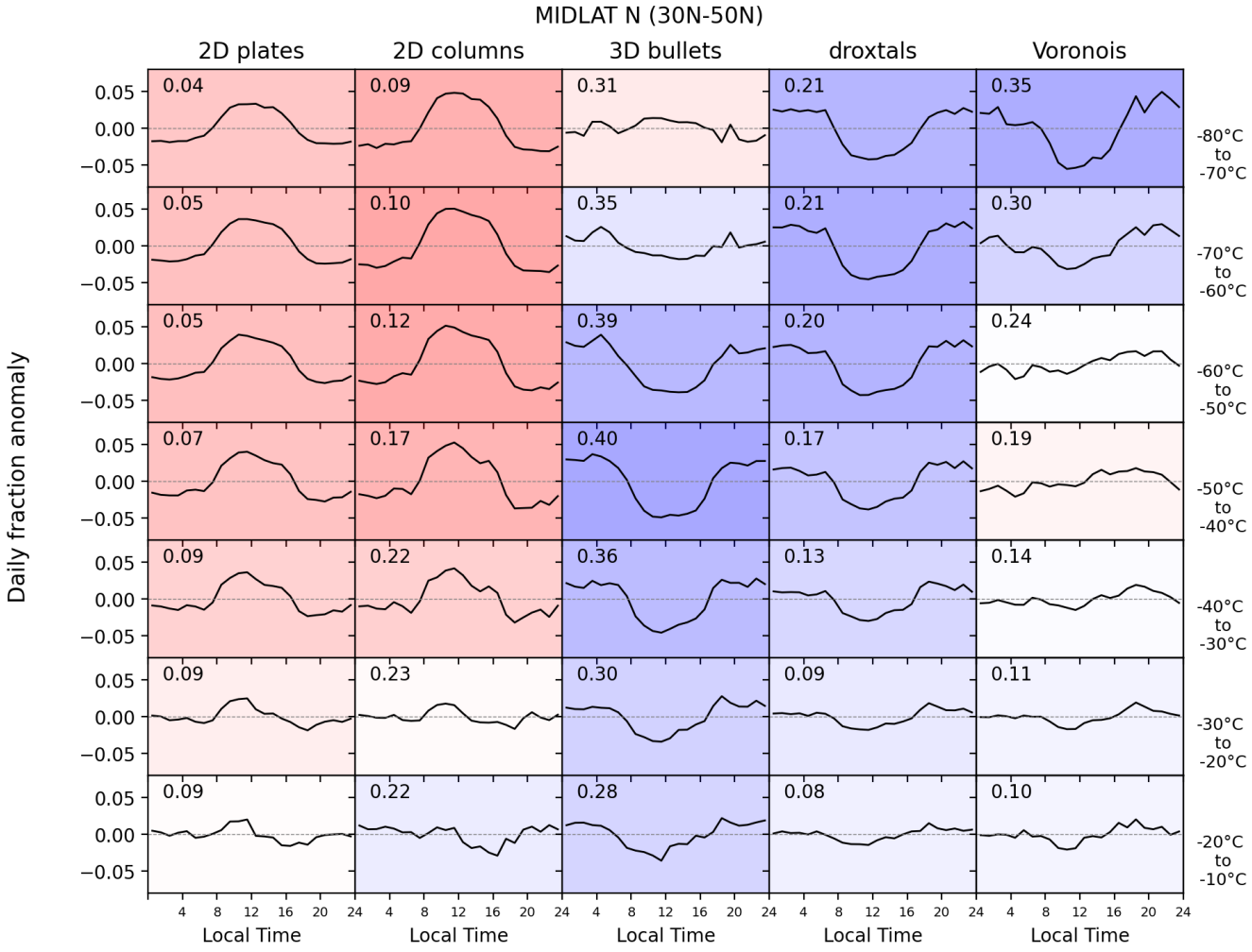


Figure S2: same as Fig. 3, during daytime.



10 **Figure S3. Same as Fig. 4, in the North hemisphere midlatitudes (30°N-50°N).**

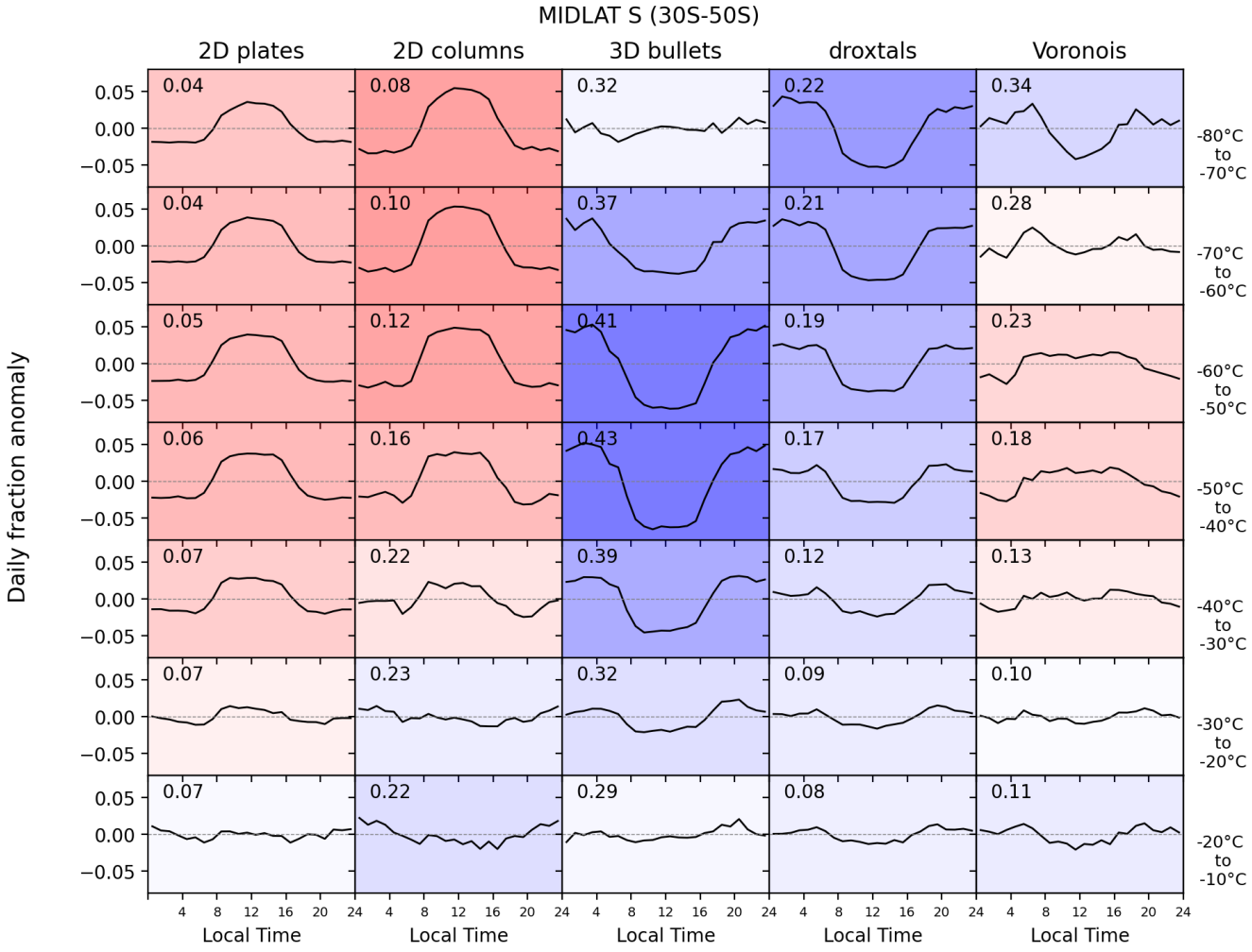


Figure S4. Same as Fig. 4, in the South hemisphere midlatitudes (30°S-50°S).

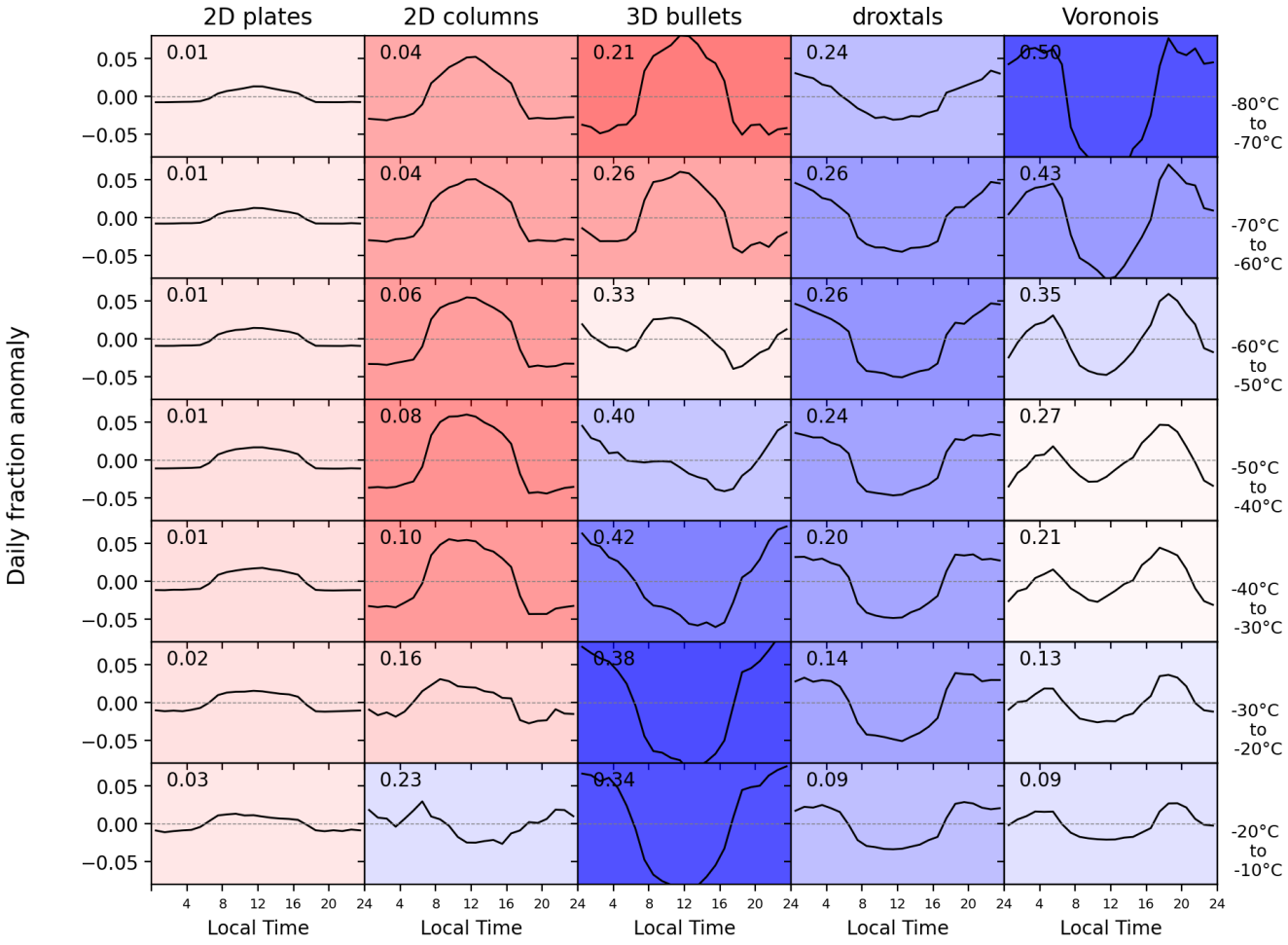


Figure S5: Same as Fig. 4 using a fixed TAB cloud detection threshold

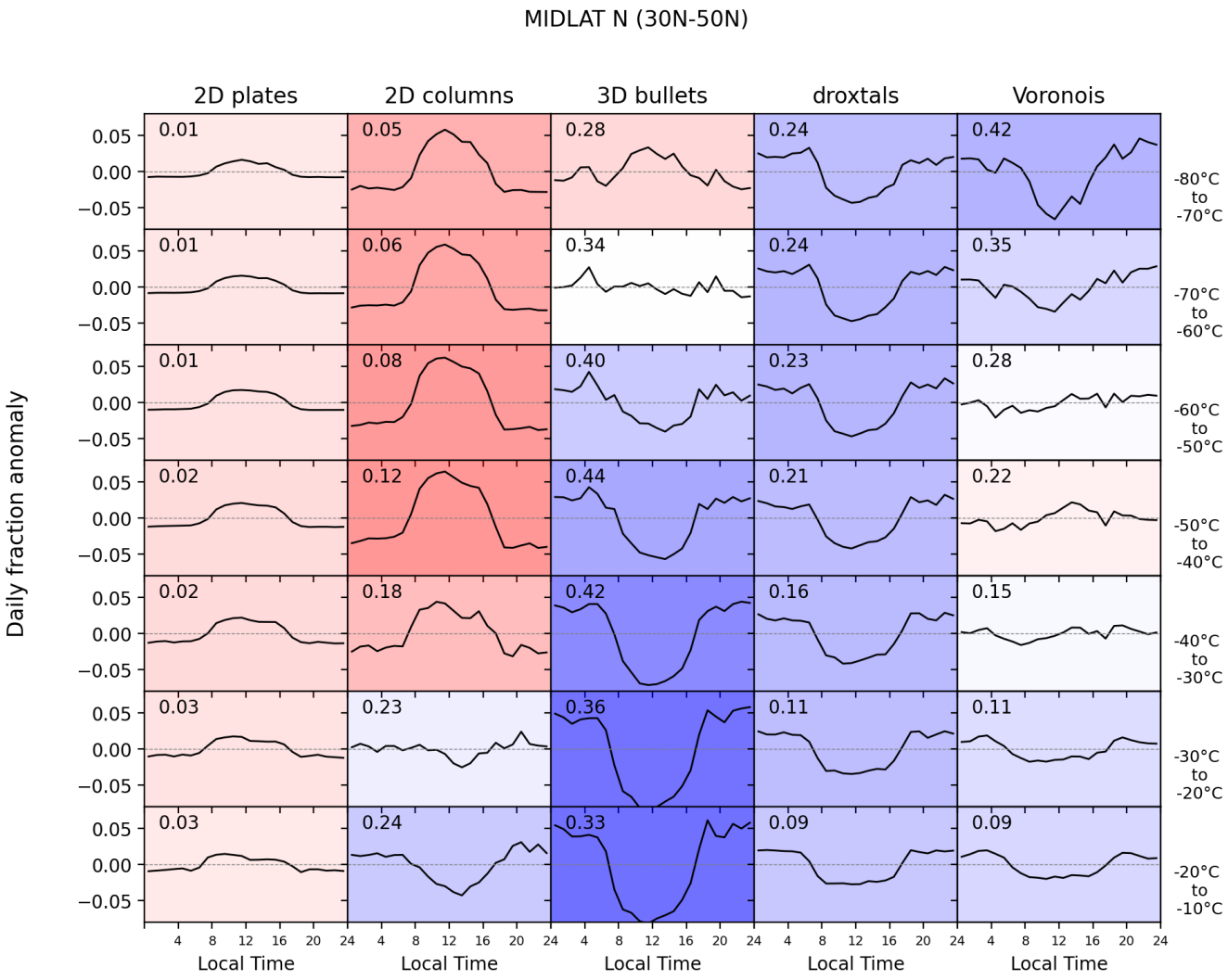


Figure S6. Same as Fig. S3 using a fixed TAB cloud detection threshold

20

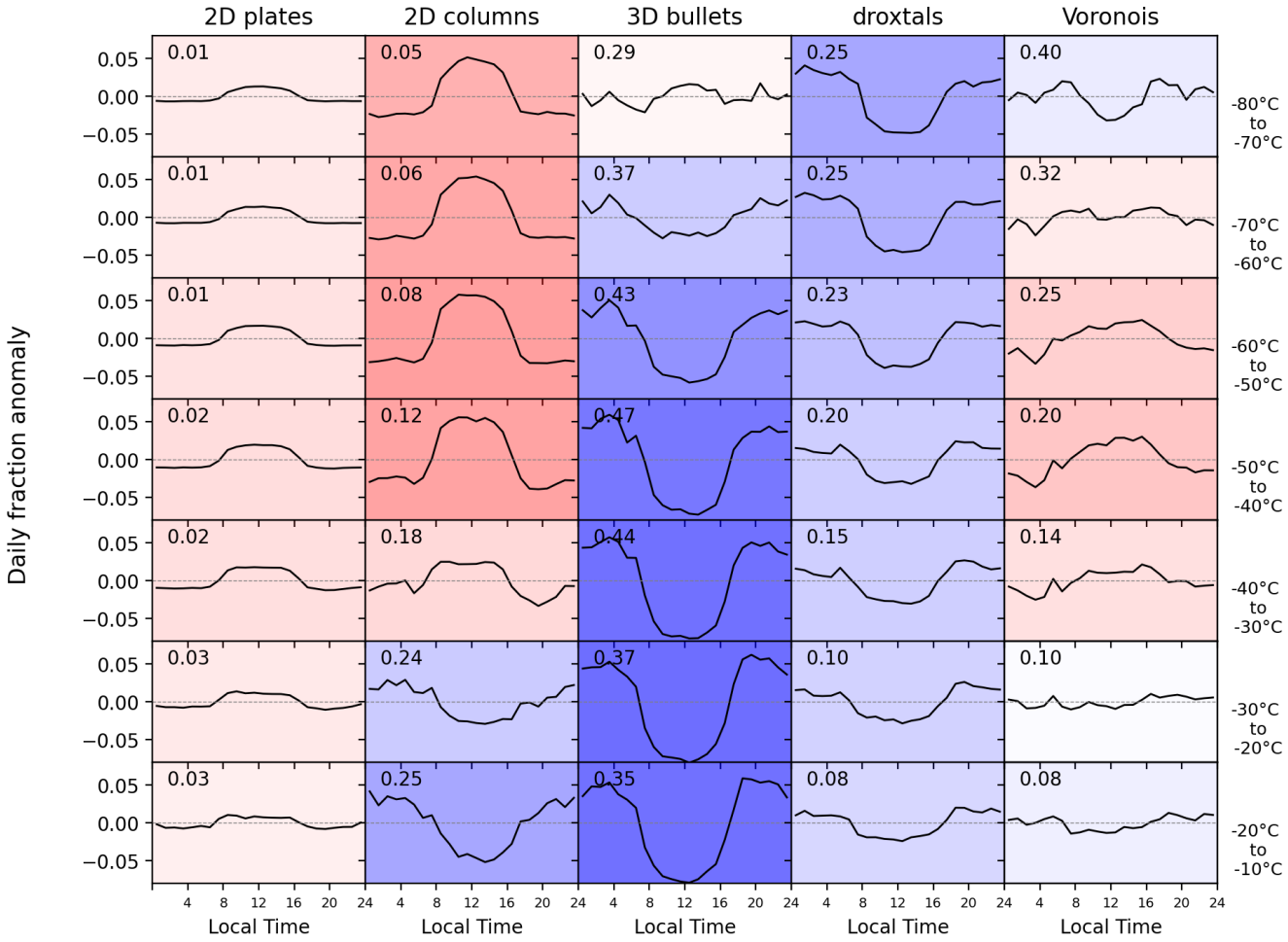


Figure S7. Same as Fig. S4 using a fixed TAB cloud detection threshold