

Thank you for this new, improved and very good version.

I have a few minor comments or typos.

Line 65 “we proposed” are you sure that you want to use past tense here?

Line 105: “For example, in the case of riming, the images of aged crystals usually show a softly textured edges, which represent the supercooled droplets freezing on them.”

➔ delete "a"

Line 123: “were described in (Henneberger et al., 2023)”

➔ were described in Henneberger et al. (2023)

Line 124: Therefore, the data used from CLOUDLAB from are dominated

➔ delete the second from

For Fig. 6,7 and 11: Is it possible to increase the contrast of the blue percentages?  
Perhaps to a lighter blue?

Line 470 and Line 486: VIZZZ, the instrument is called VISSS, Video in-situ snowfall sensor

Line 486-487: “,including(VIZZZ(Maahn et al., 2024) andPIP&2DS(Jaffeux et al., 2022))possible”

➔ including VISSS, (Maahn et al., 2024) and PIP&2DS, (Jaffeux et al., 2022)  
possible