

The authors have improved the manuscript substantially and I consider it now acceptable for publication. Even if experimental issues are remaining (droplet charge, particle charge, aerosol type), they rather point towards an even higher deviation between the experiment and the available parametrizations of collision efficiencies. This finding is interesting and warrants further investigation. The authors now arrive at this more moderate conclusion.

I want to reiterate my point on aerosol depletion however. It is well known that droplets in a droplet train align very well, thus each droplet sweeps out the volume that the previous droplets have passed before. Even if the collision efficiency is  $\sim 10^{-2}$ , this volume might be depleted of aerosols, if the very low diffusion constant of the aerosols in the laminar flow is considered.