| | Stationary | Updraft | Downdraft |
|---|---|---|---|
| Parameter $N_\mathrm{d}$ | Increasing droplet number per ice influence sphere leads to more pronounced effects. | | |
| Parameter $l_0$ | Decreasing ice–droplet distance leads to more pronounced effects. | | |
| Effect on mixing ratios $q_\mathrm{ice}$ and $q_\mathrm{l}$ | Observed in water subsaturated environment. | Mostly no effect, but compare the case shown in the upper row of Fig. 9. | Delay in the evaporation; most pronounced for initial saturation ratios $S_\infty \approx 1$ and $S_\infty > 1$. |
| Effect on air parcel temperature $T_\infty$ | Observed in water supersaturated environment; air parcel is warmer compared to the classical case. | Effects visible; air parcel is warmer compared to the classical case. | Not observed. |