# Review old MSD data

Before working with Cristian (officially starting from Sept 6, 2021 but we only start to obtain meaningful data after Oct 26, 2021), I have made some double emulsions with the microfluidic device and managed to measure the trajectories and MSD. Those data are not ideal, because I did not realize at that time I need 10 minutes of video in order to get the saturation confidently. However, the data were still carefully obtained and analyzed so they should still be useful as a reference to compare with other data. In this note, I replot the MSD's of those old data and try to see to what extent we can reutilize those data.
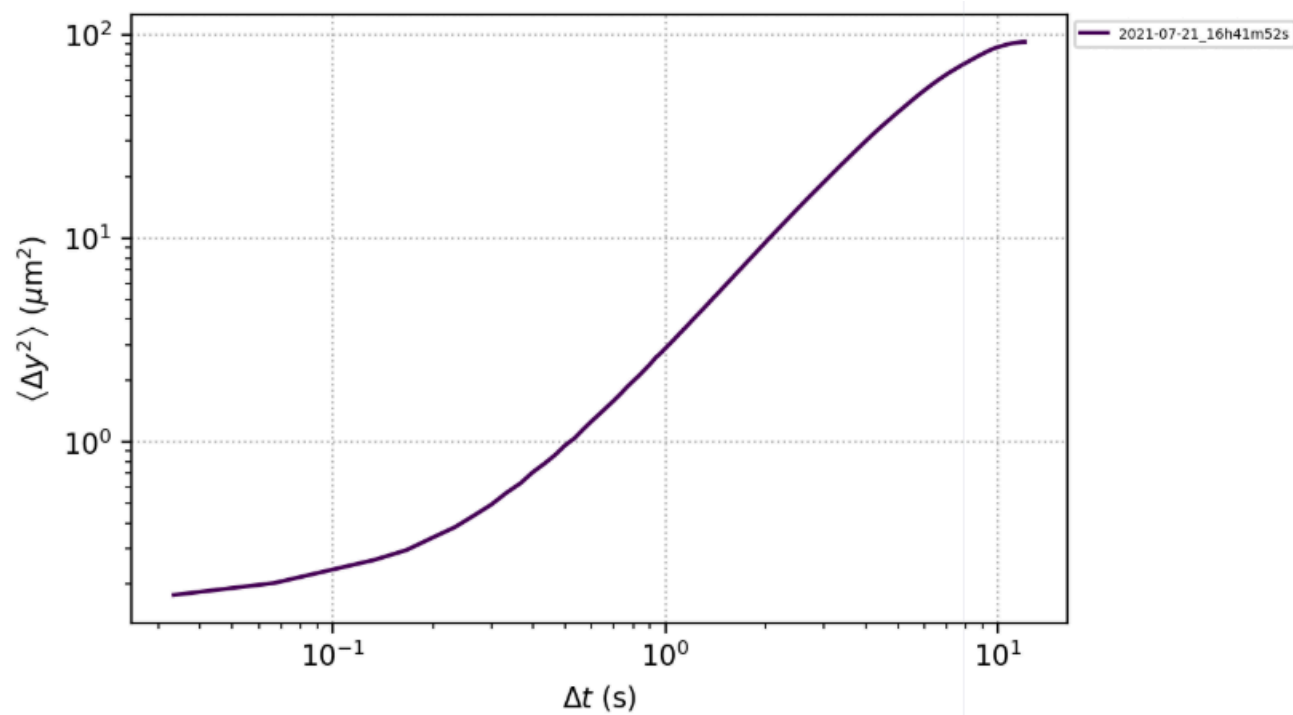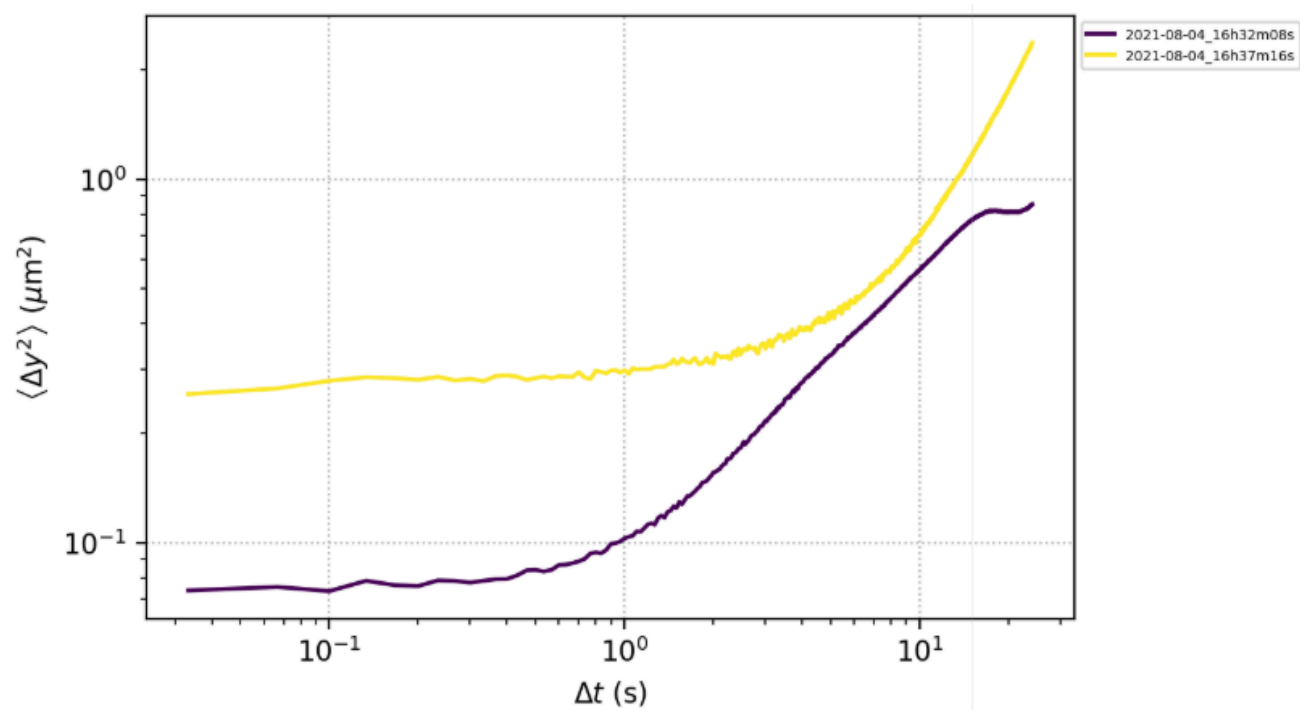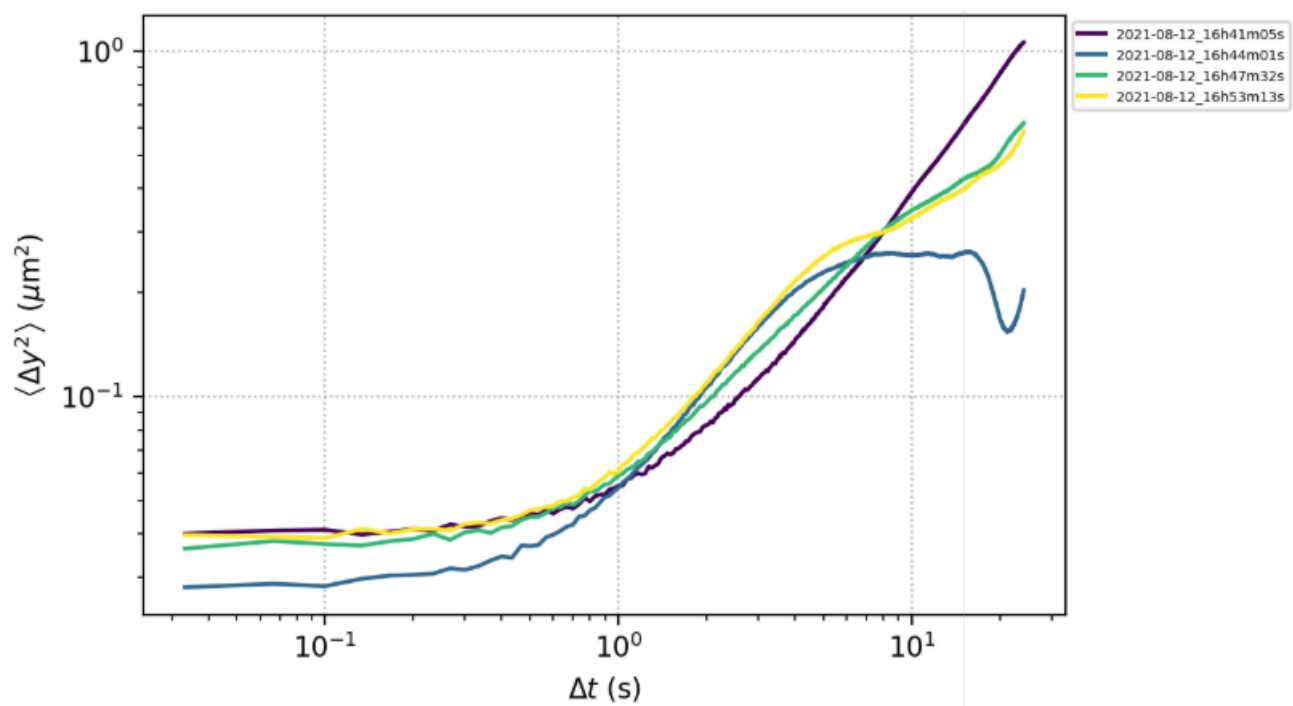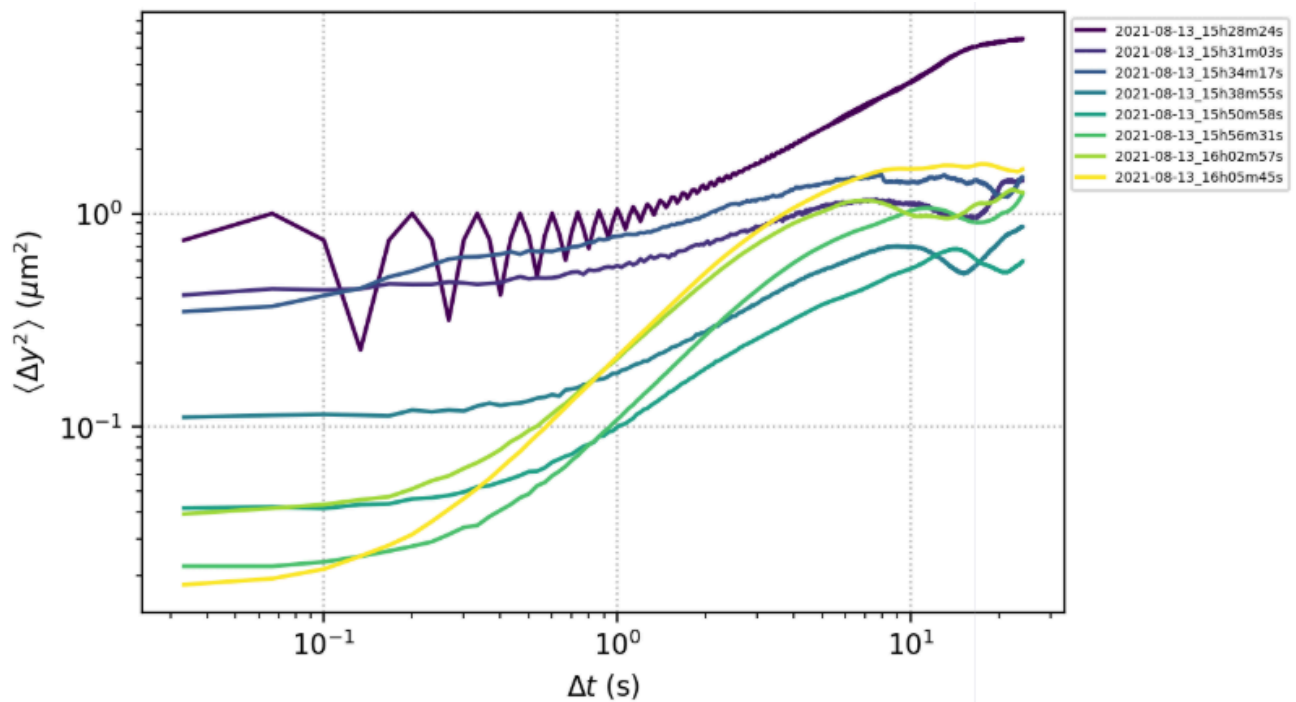
DE#0
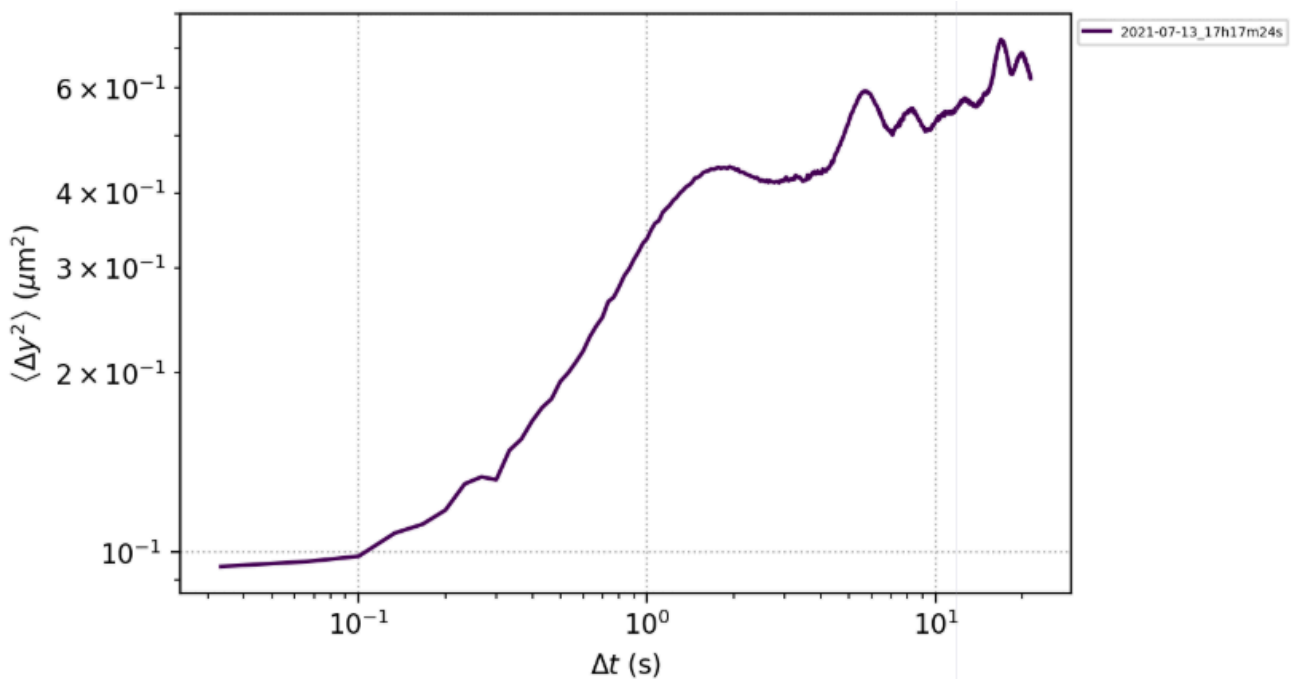
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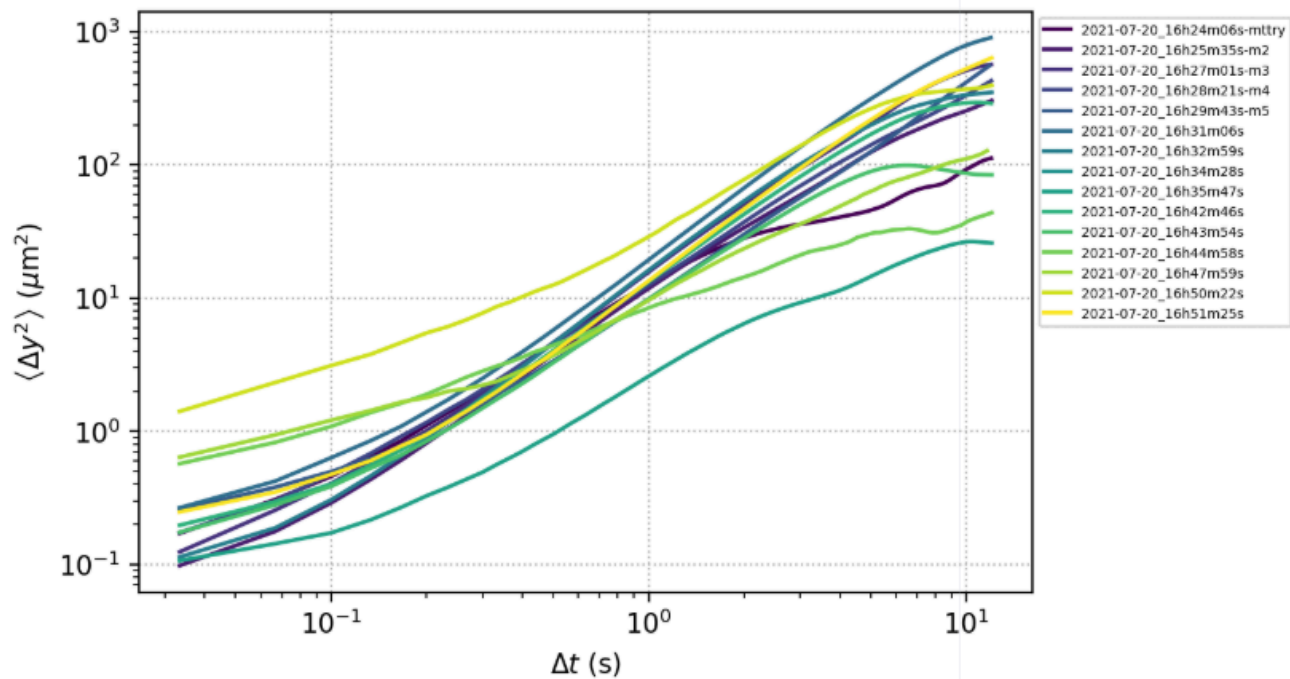
DE#2

DE#3

DE#4-7

DE#8-15

DE#16-22
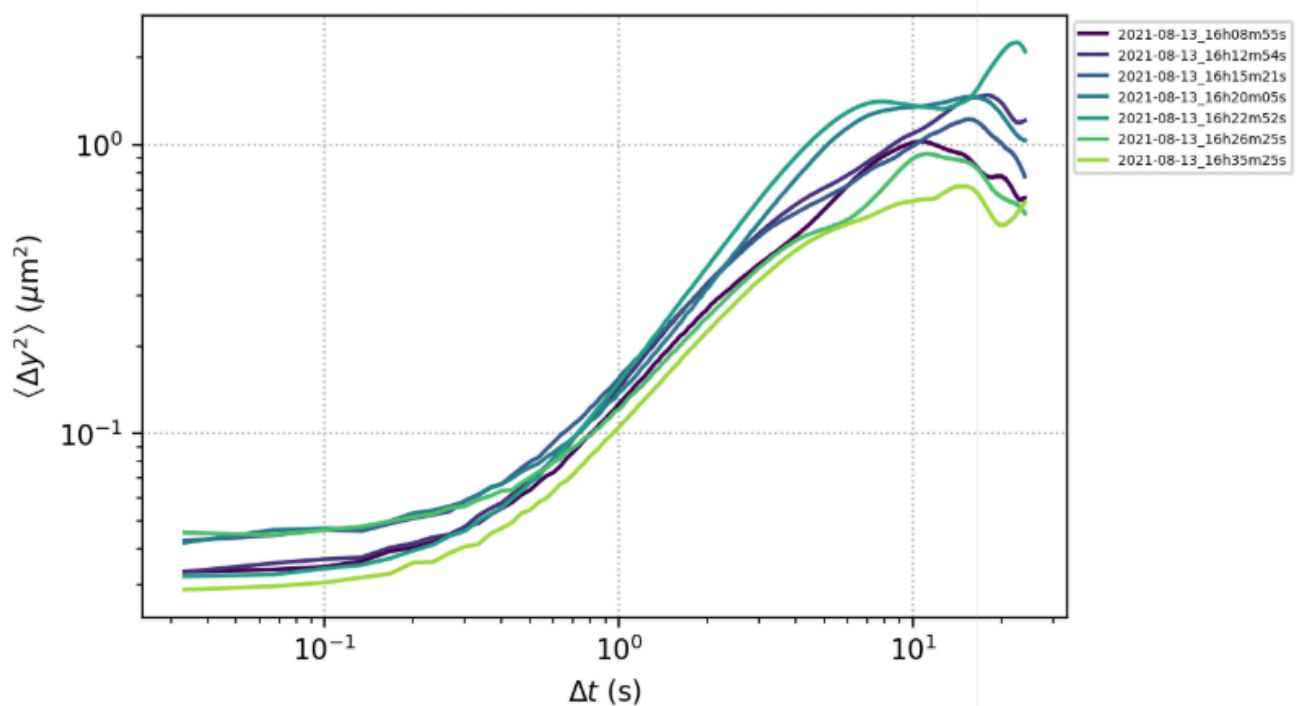
There are a few samples that show clear diffusive-saturation transition

Date	Time
08-12	16:44
08-13	15:56

Date	Time
08-13	16:02
08-13	16:05
08-13	16:20
08-13	16:22

Others do not show clear plateau and will thus not be included in this analysis. The original log is kept in the `before10262021` sheet in `structured_log_DE.ods`.

NothingToSay is extremely slow... Need to archive the data on it and move on to another drive. Buy a 18 TB drive might be very necessary.