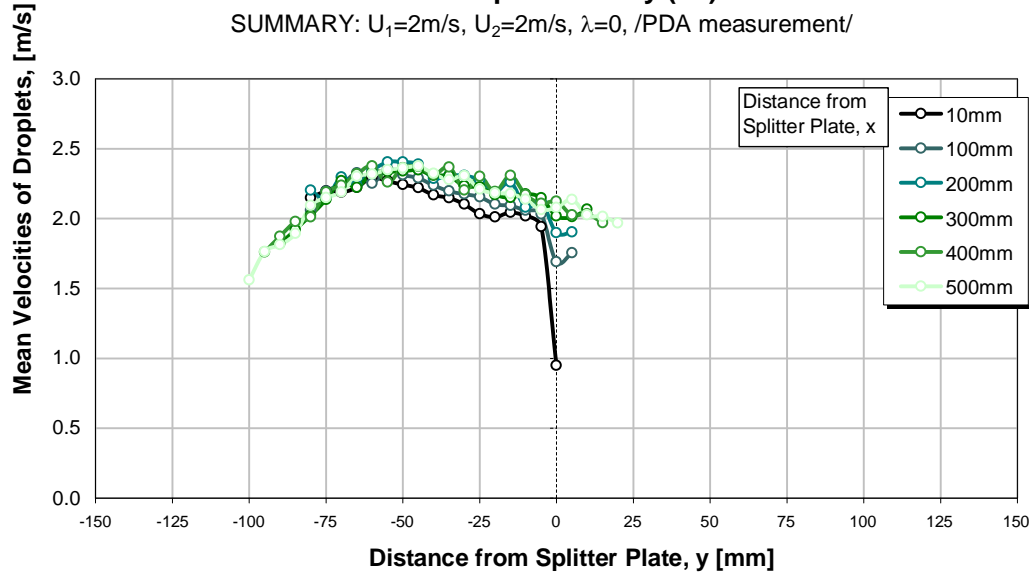




SPRAY characterization

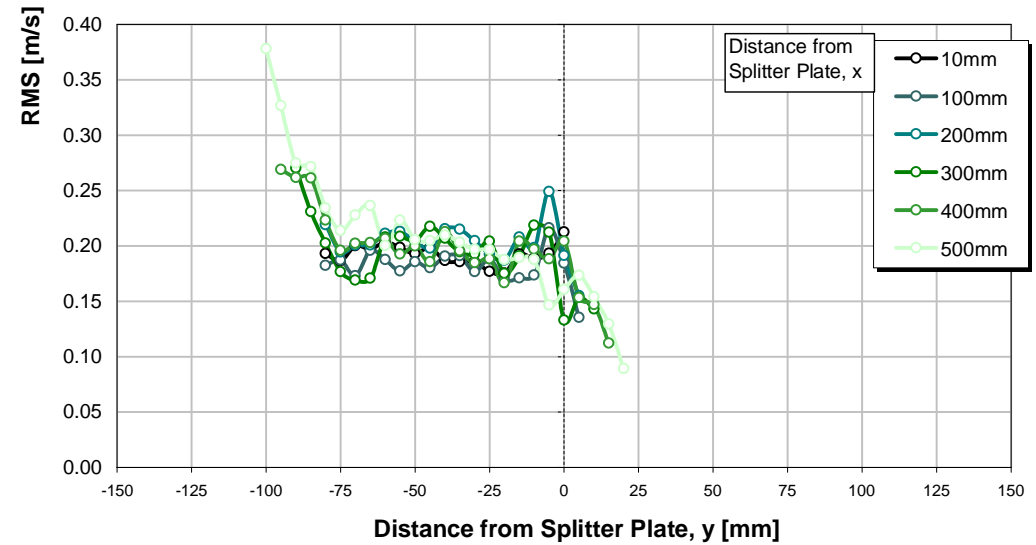
Mean Droplet Velocity (u_2)

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



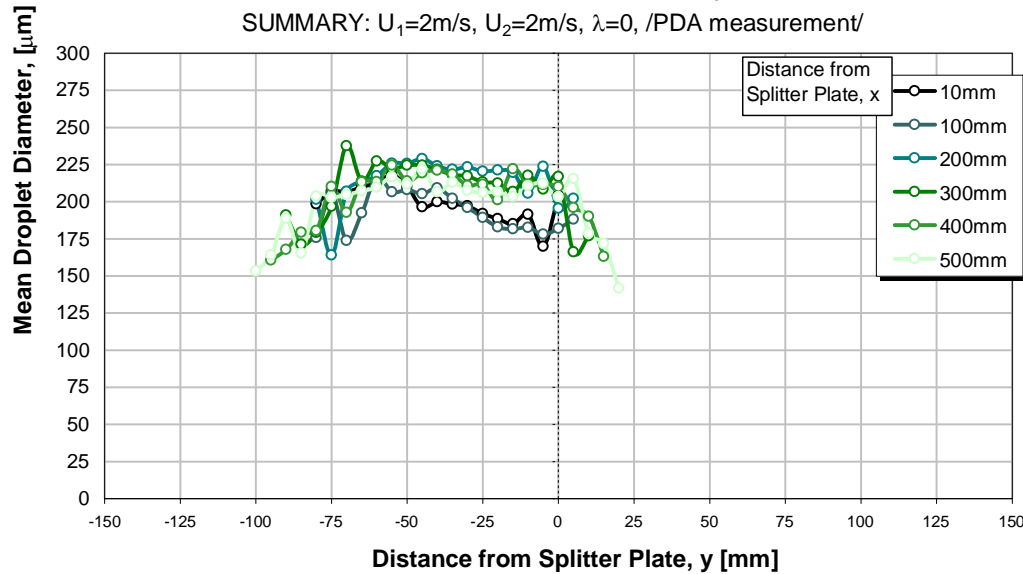
RMS of Droplets (rms2)

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



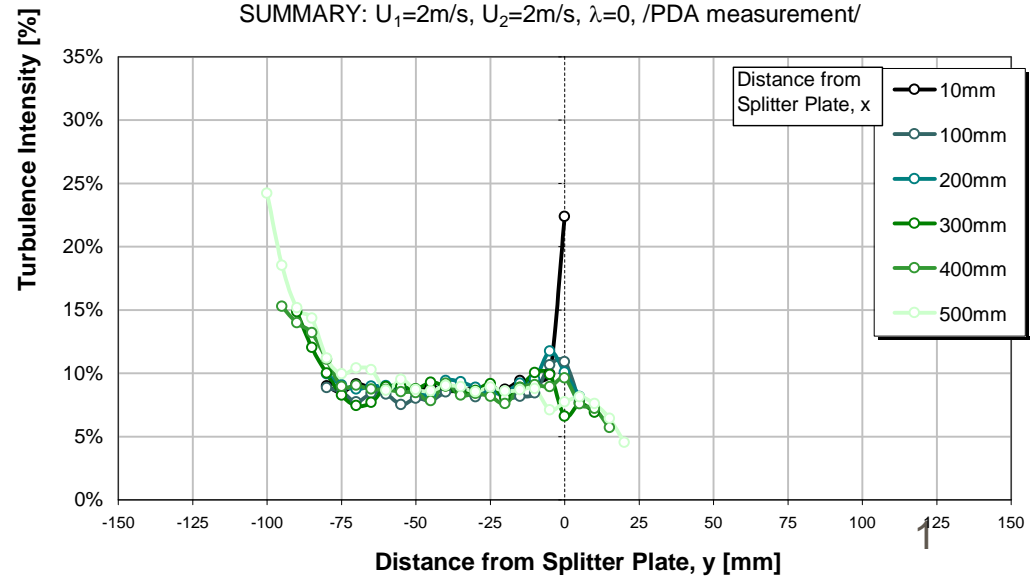
Mean Droplet Diameter (D_{32})

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



Turbulence Intensity of Droplets T.I. = rms2/u2

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/

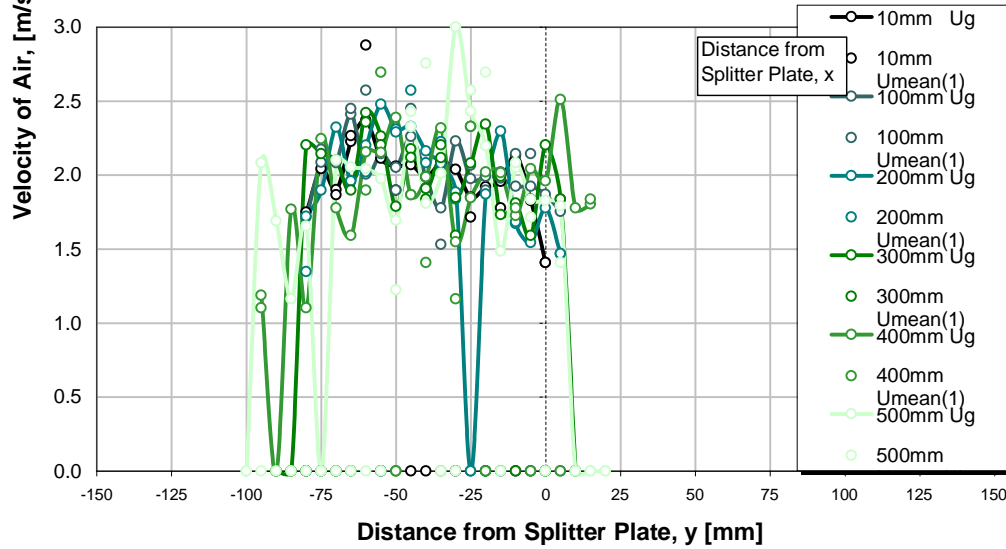




SPRAY characterization

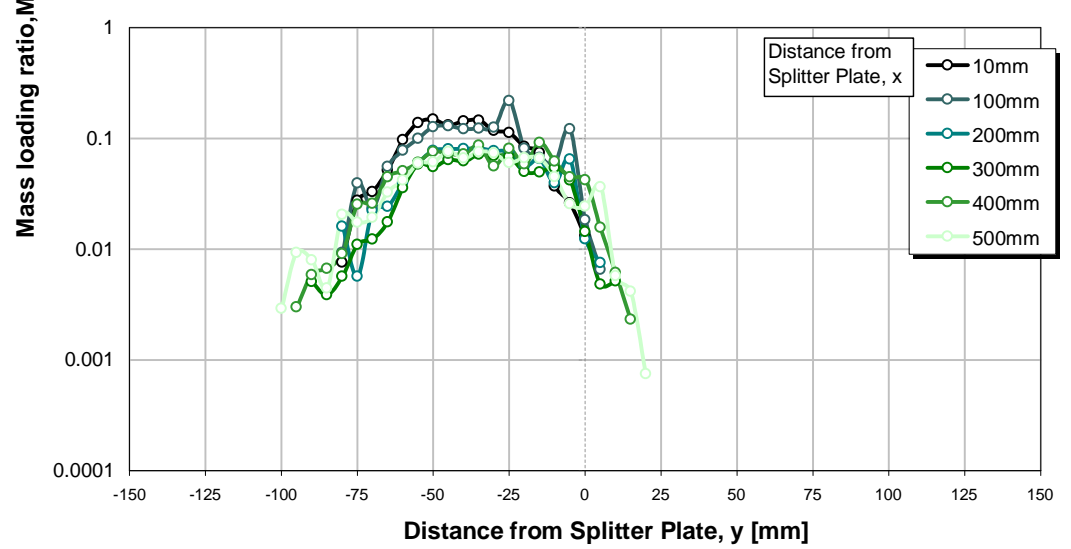
Velocity of Air

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



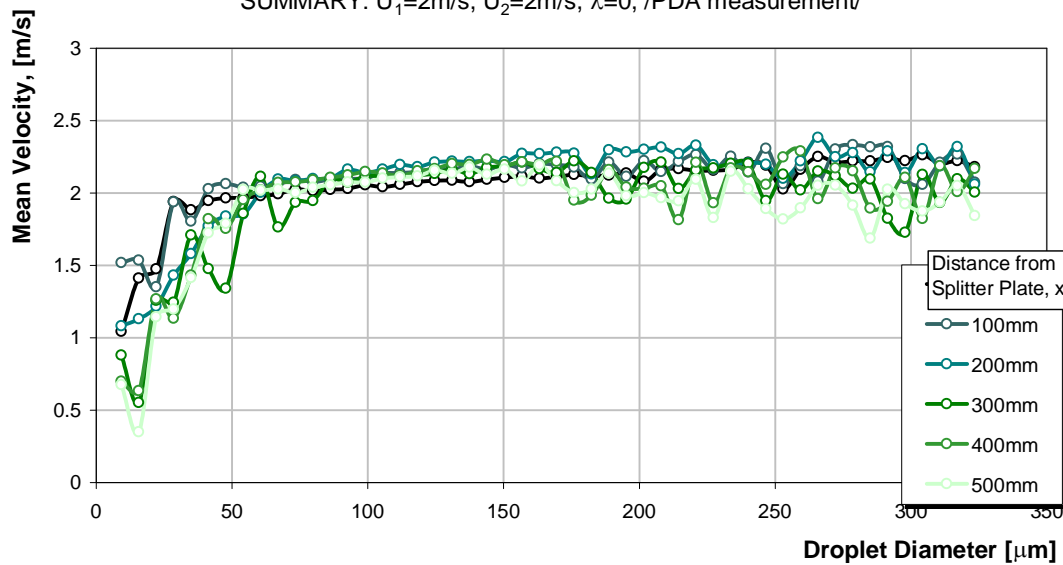
Mass loading ratio, M

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



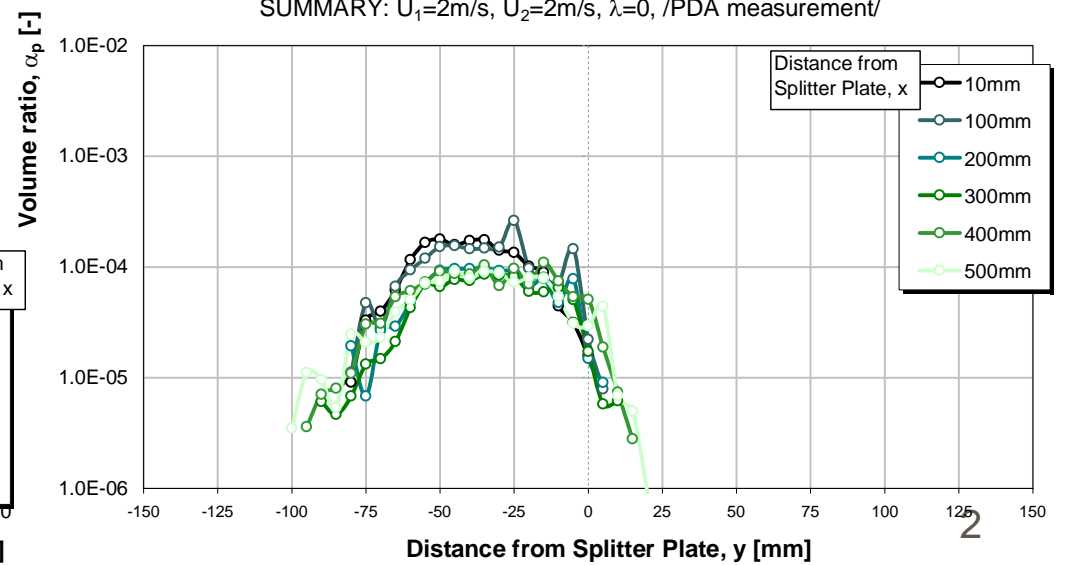
Correlation of Mean Velocity / Droplet Diameter

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/



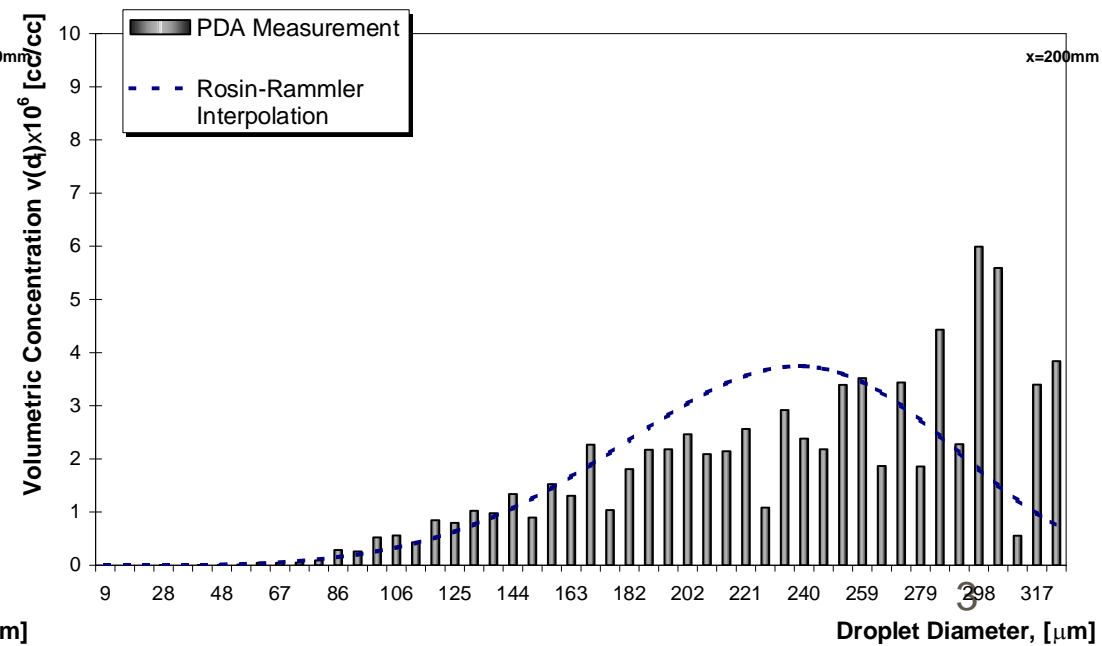
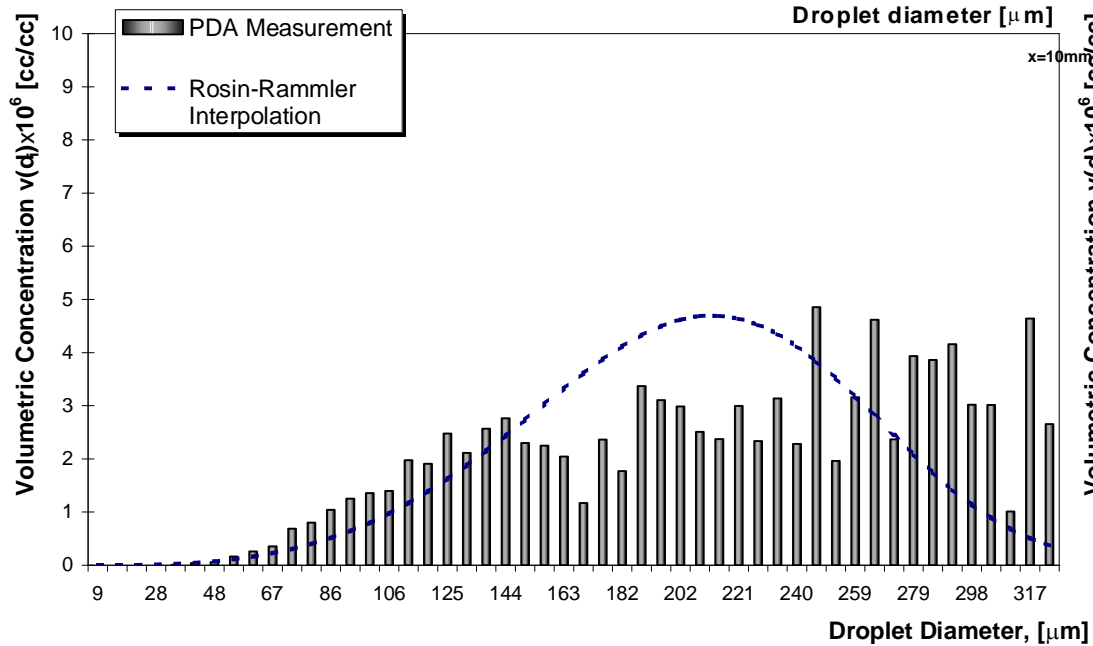
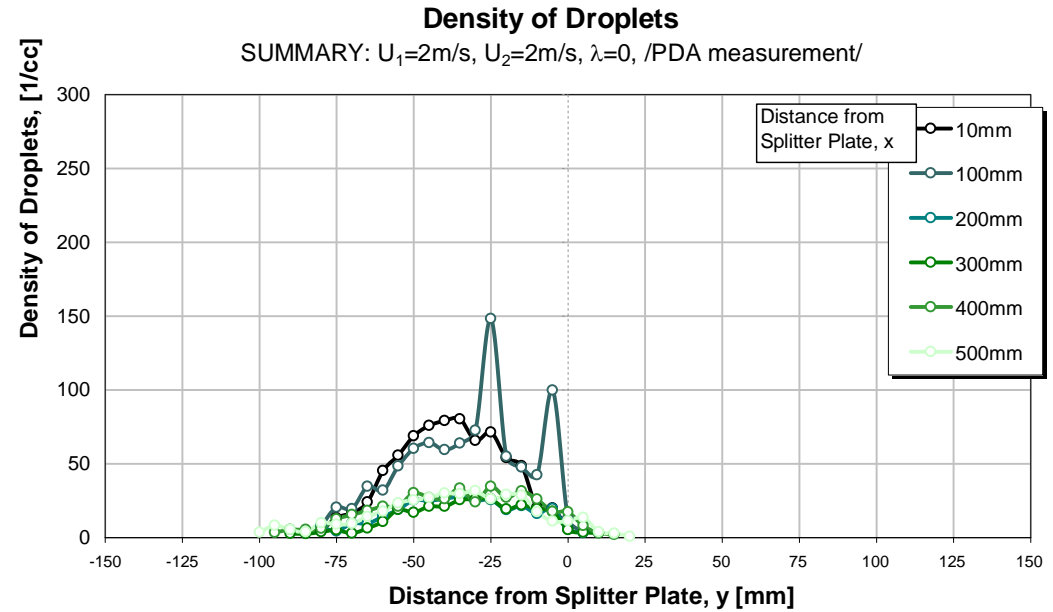
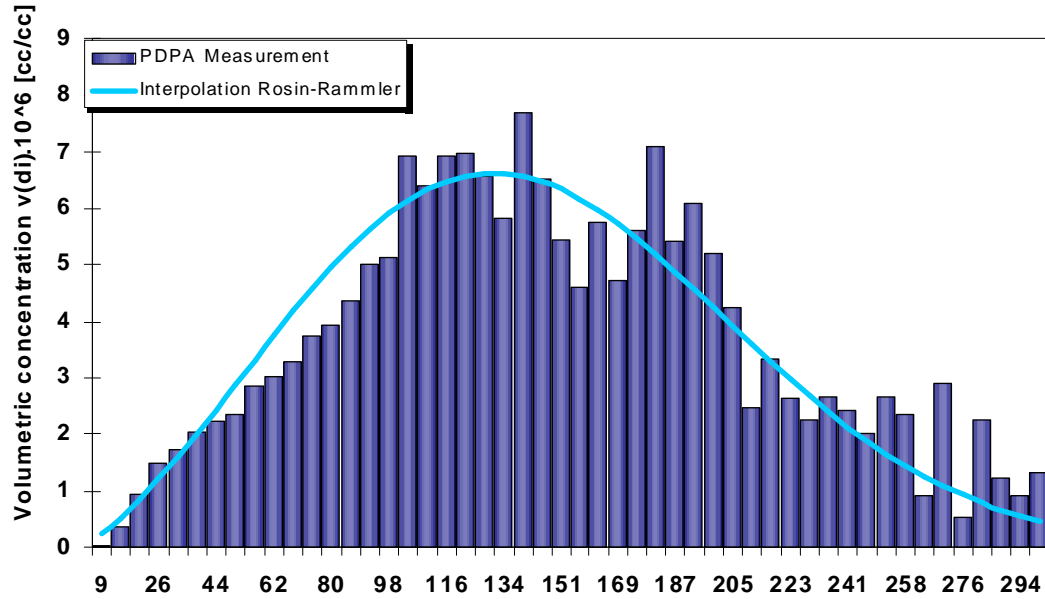
Volume ratio α_p

SUMMARY: $U_1=2\text{m/s}$, $U_2=2\text{m/s}$, $\lambda=0$, /PDA measurement/





SPRAY characterization

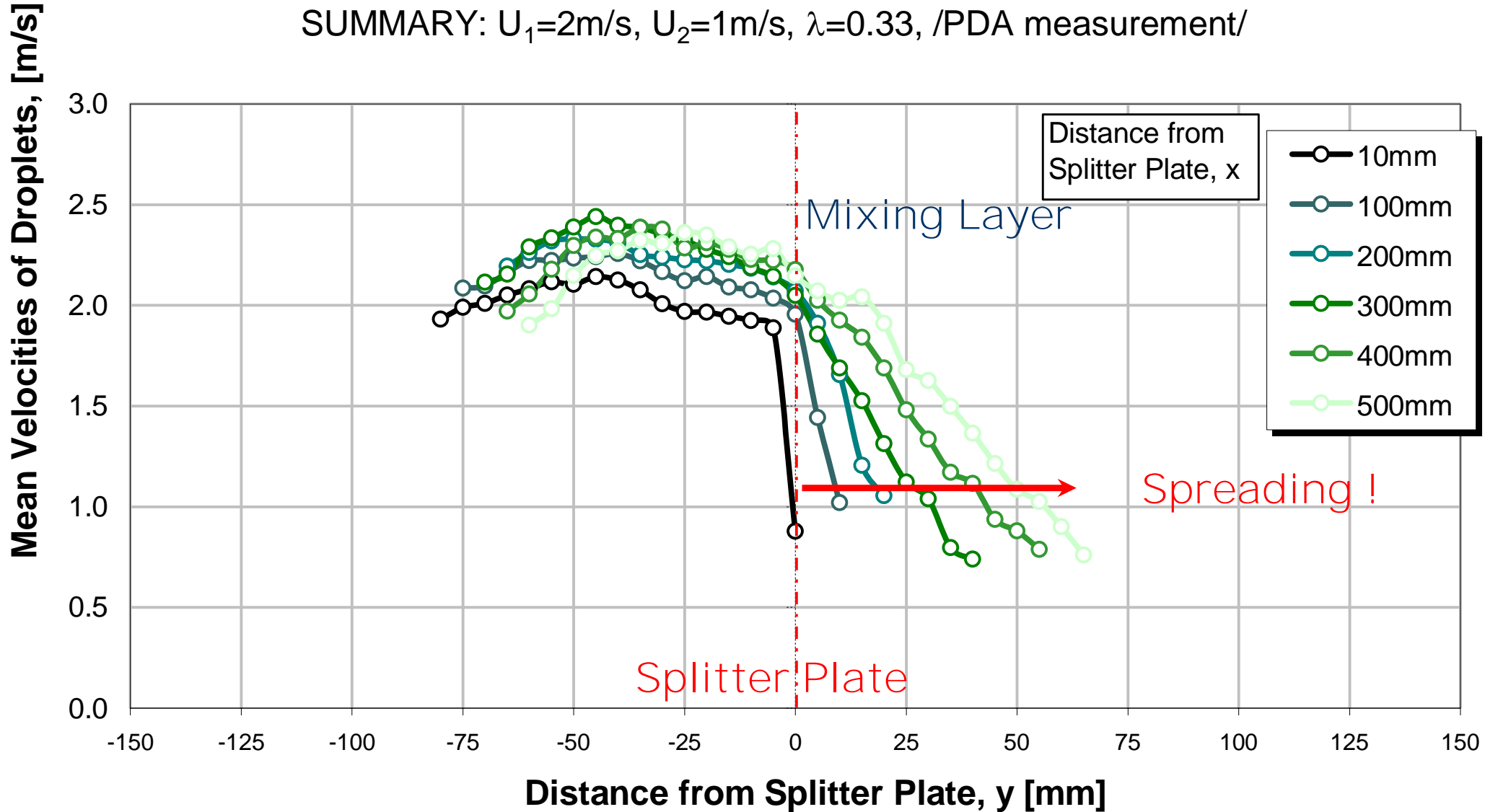




Droplet Flow Characterization

Mean Droplet Velocity (u_2)

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

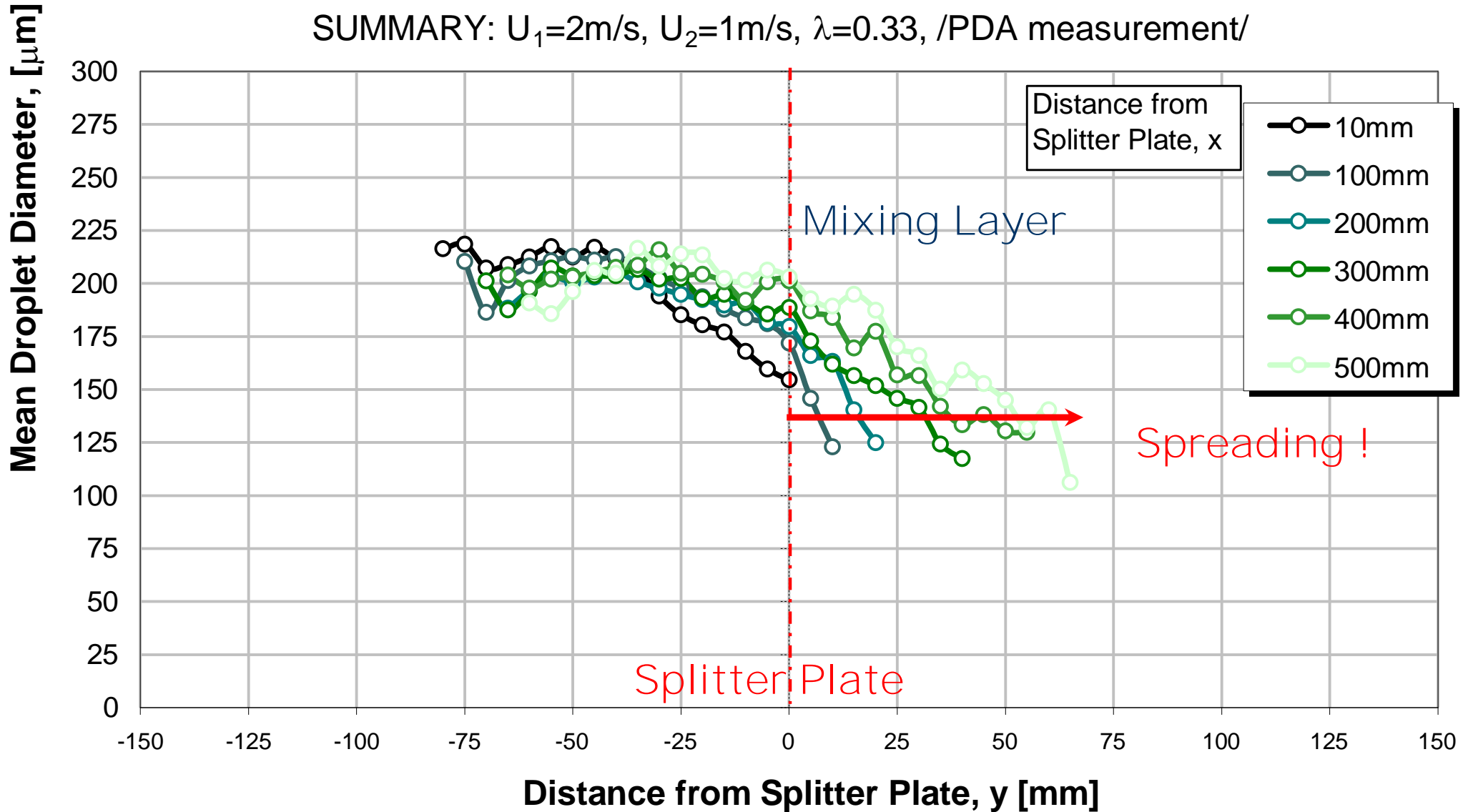




Droplet Flow Characterization

Mean Droplet Diameter (D_{32})

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

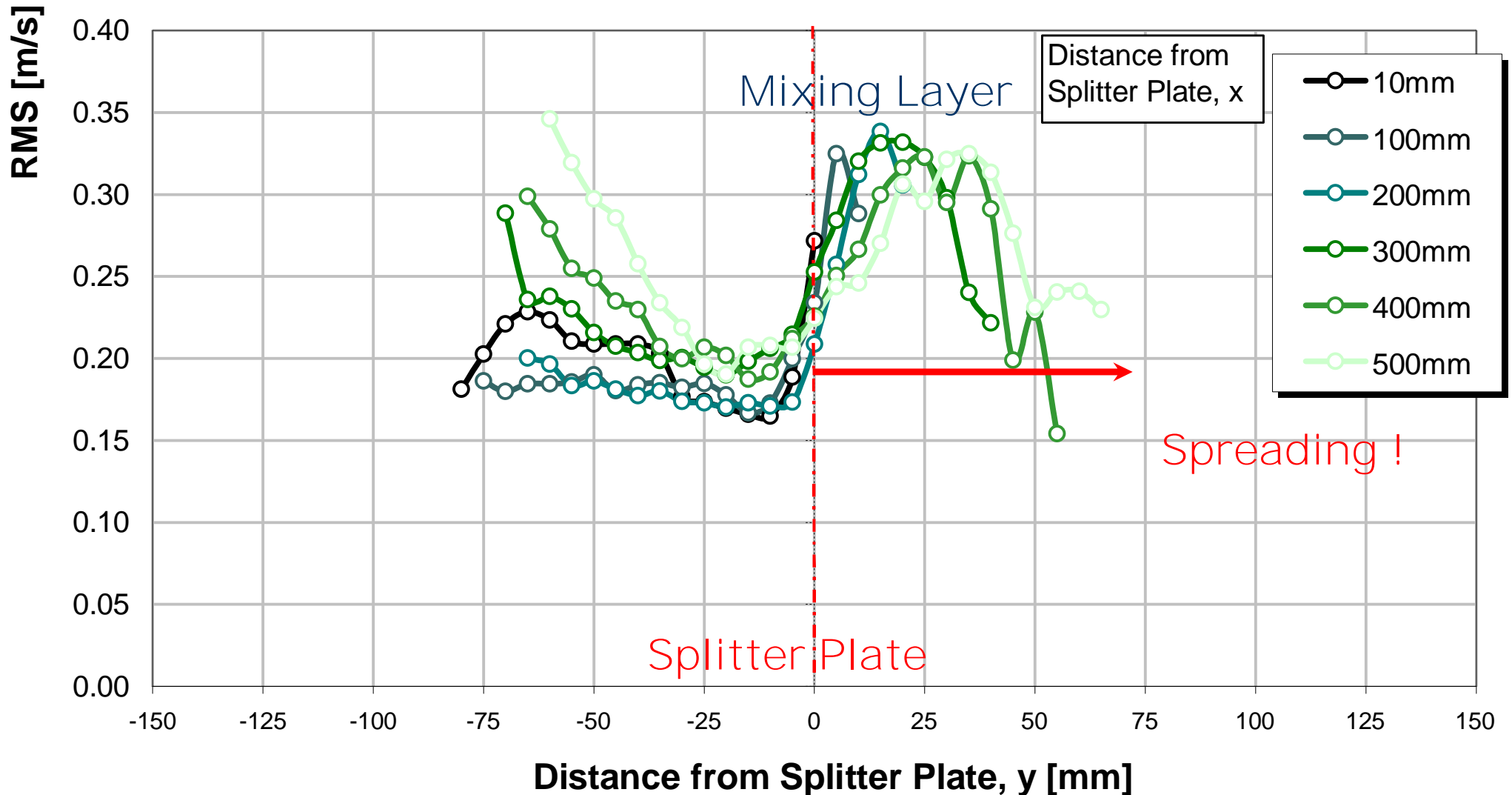




Droplet Flow Characterization

RMS of Droplets (rms2)

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

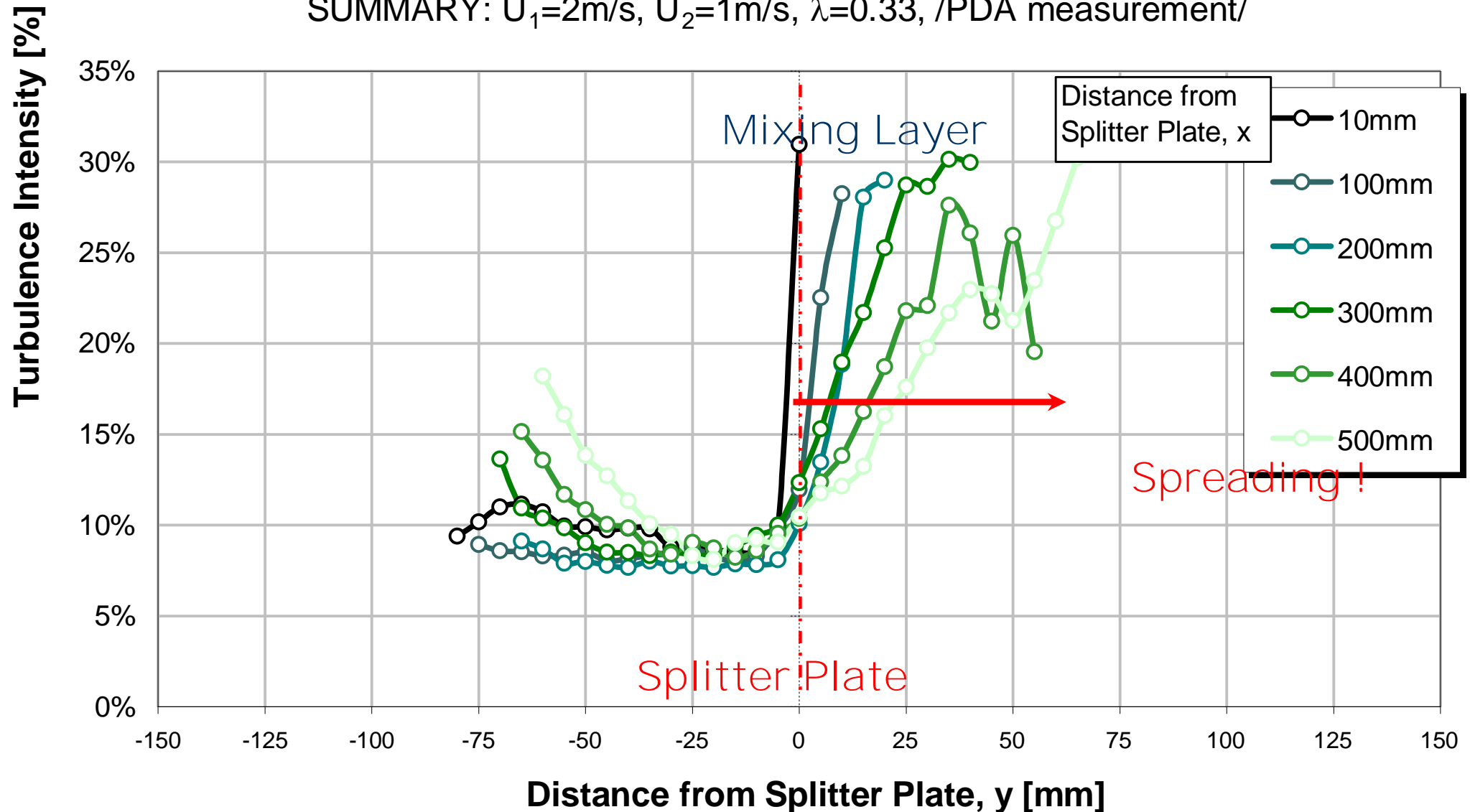




Droplet Flow Characterization

Turbulence Intensity of Droplets $T.I. = rms2/u2$

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

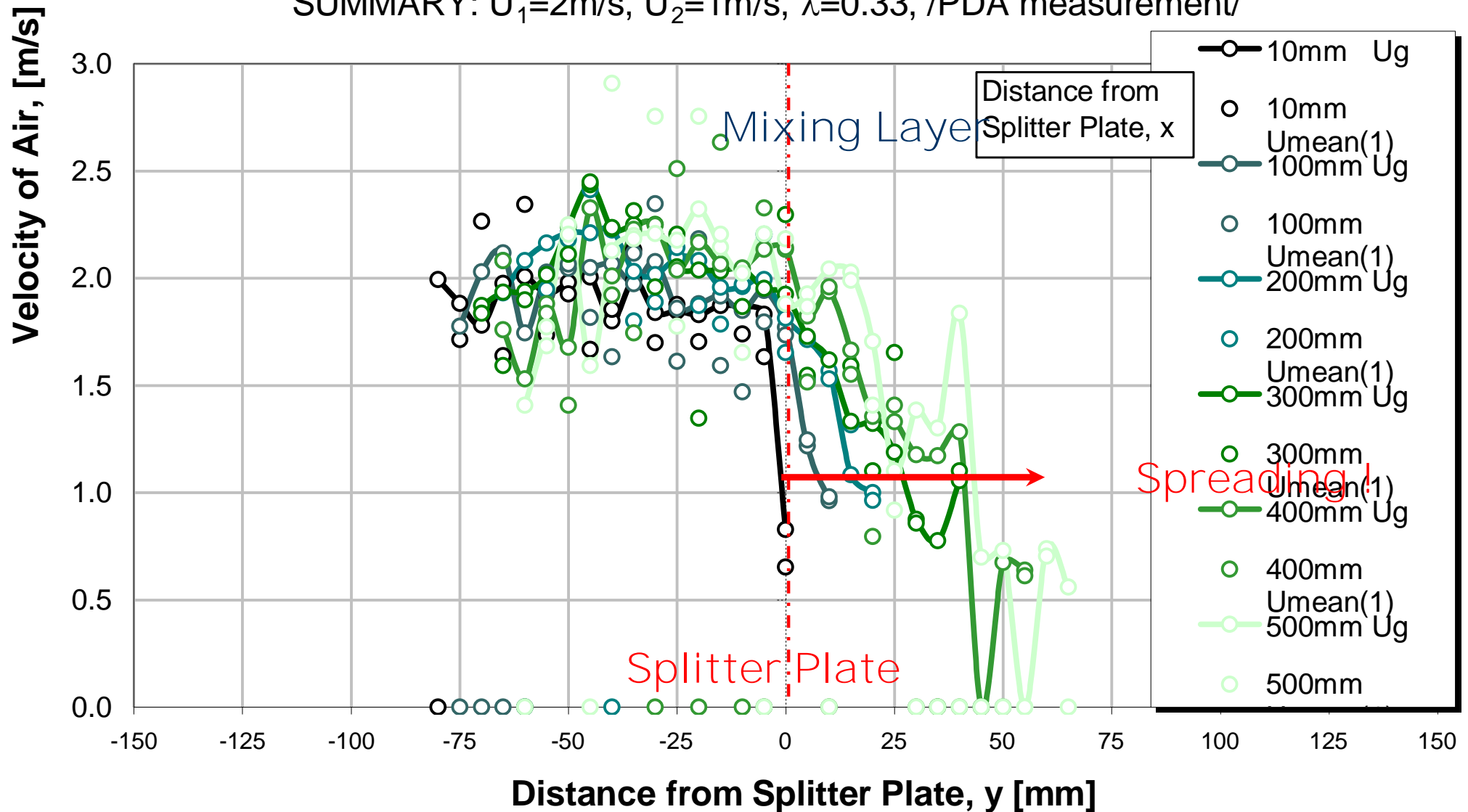




Droplet Flow Characterization

Velocity of Air

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

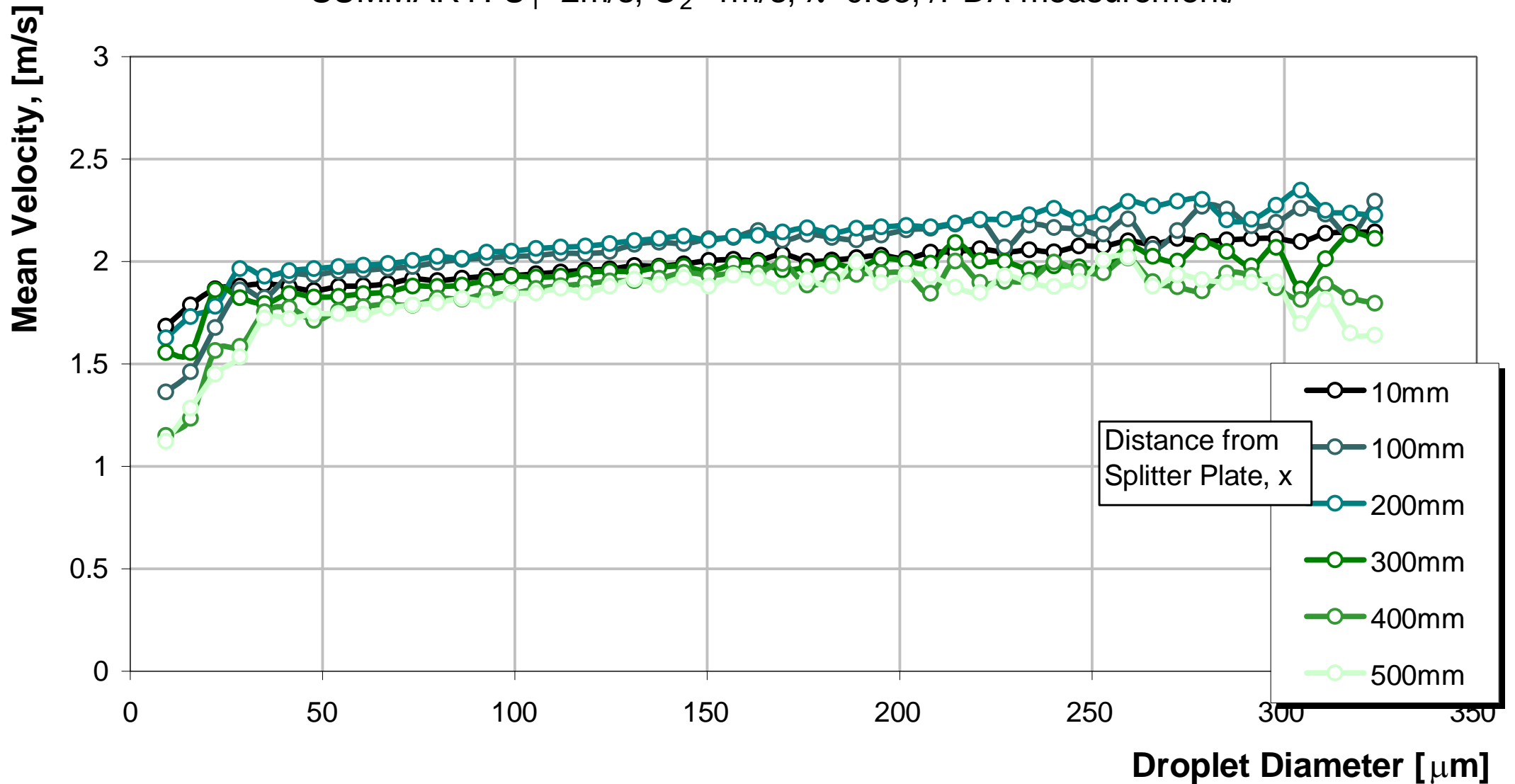




Droplet Flow Characterization

Correlation of Mean Velocity / Droplet Diameter

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

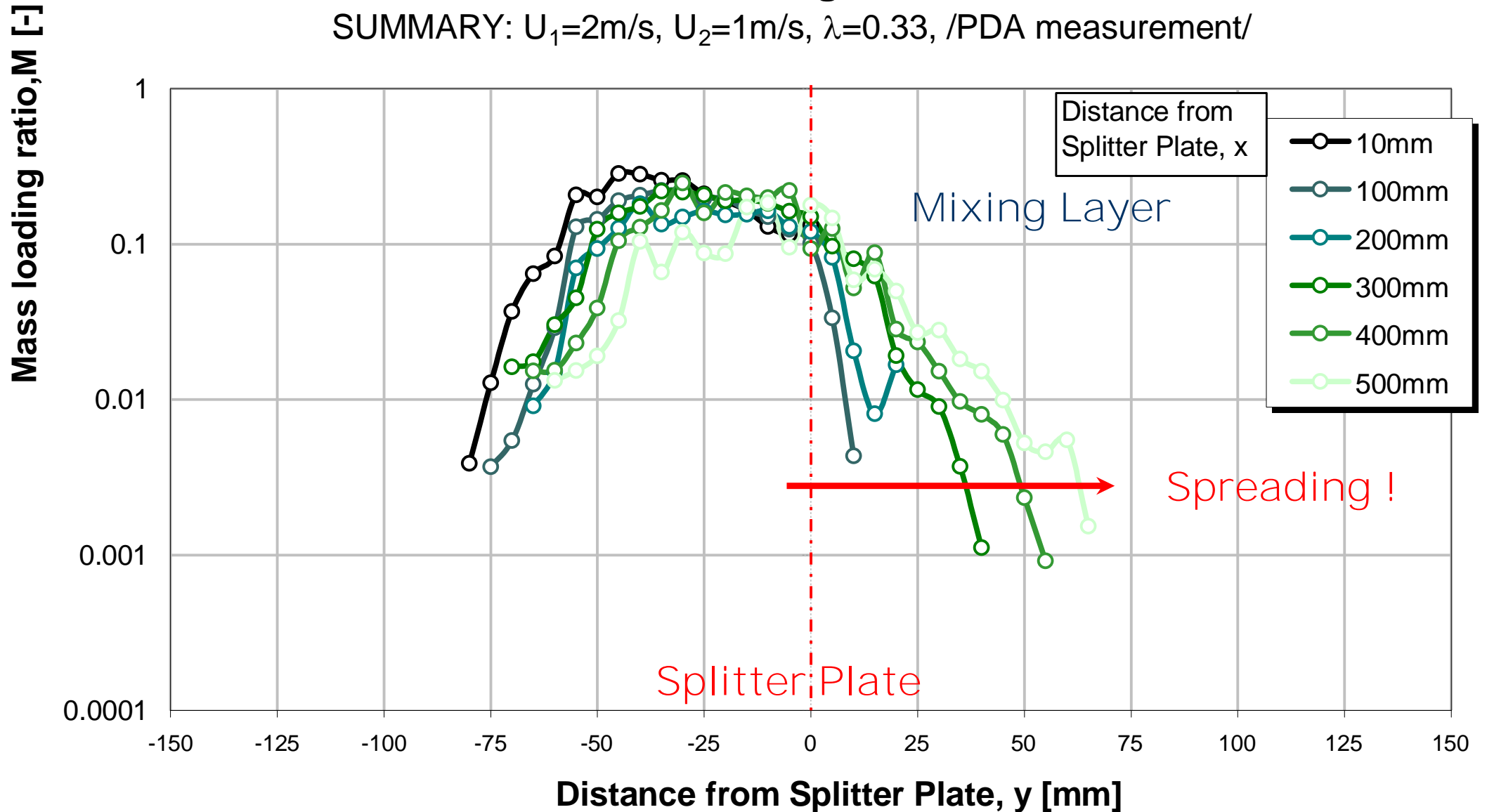




Droplet Flow Characterization

Mass loading ratio, M

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

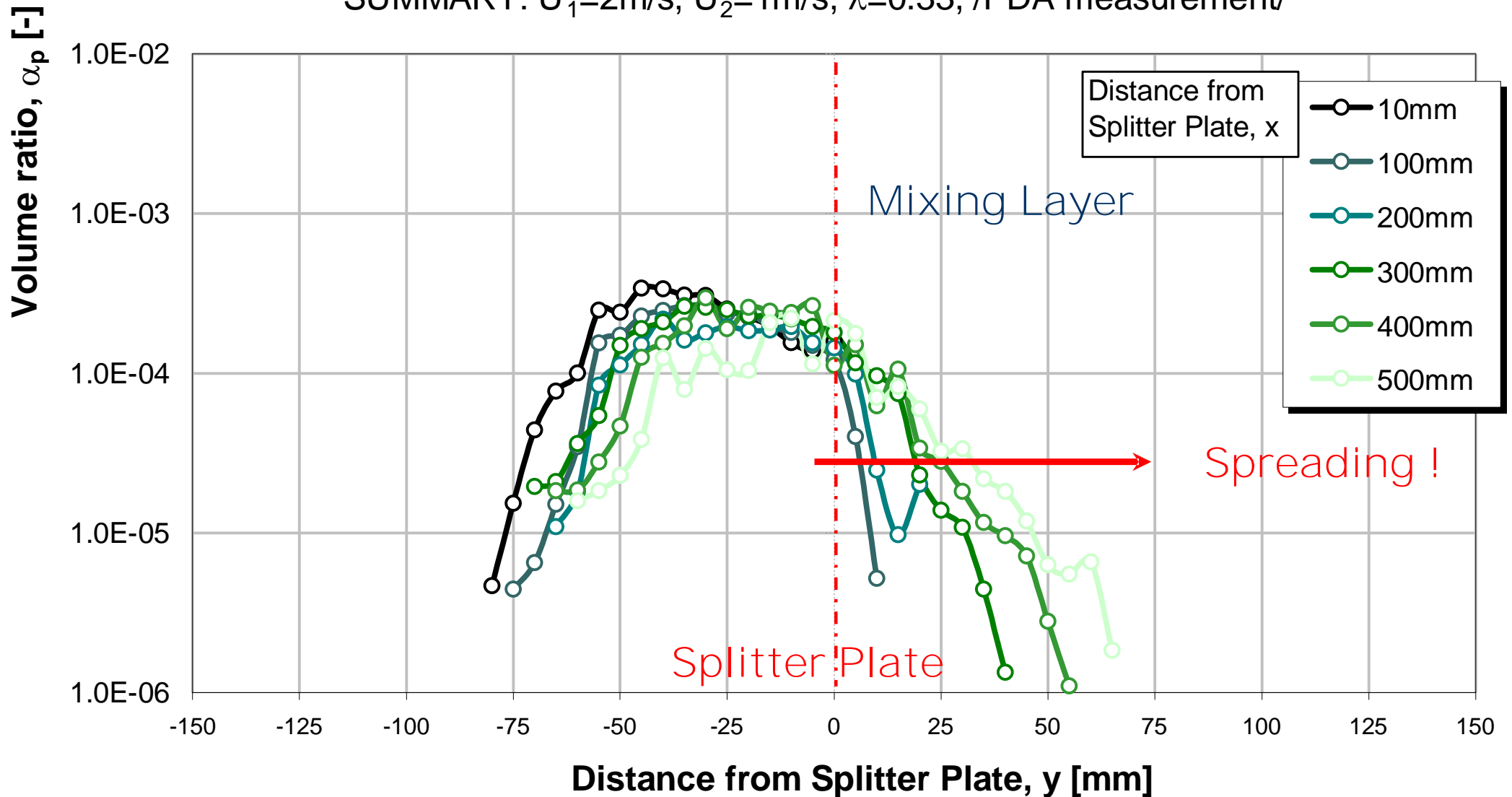




Droplet Flow Characterization

Volume ratio α_p

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/

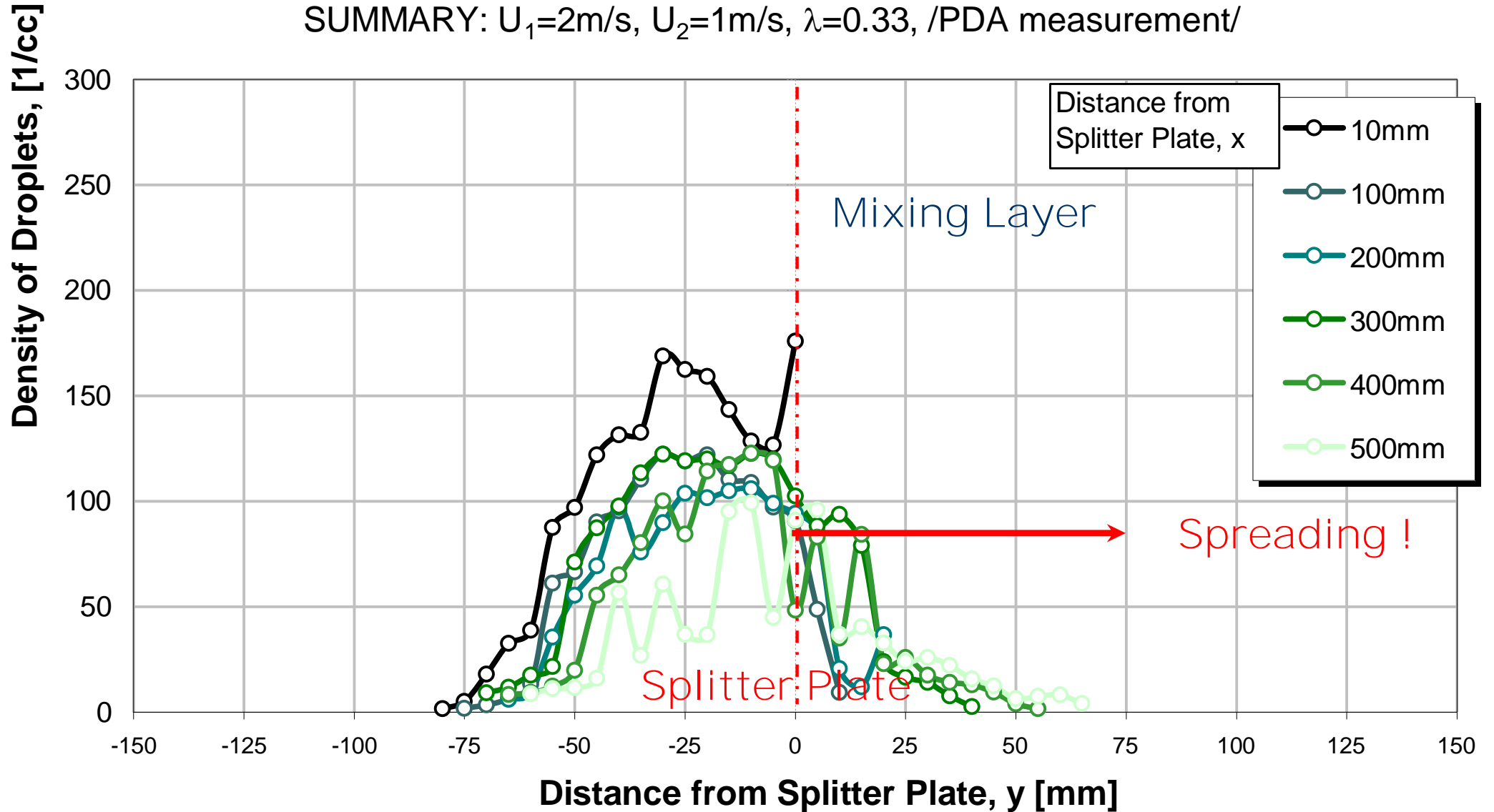




Droplet Flow Characterization

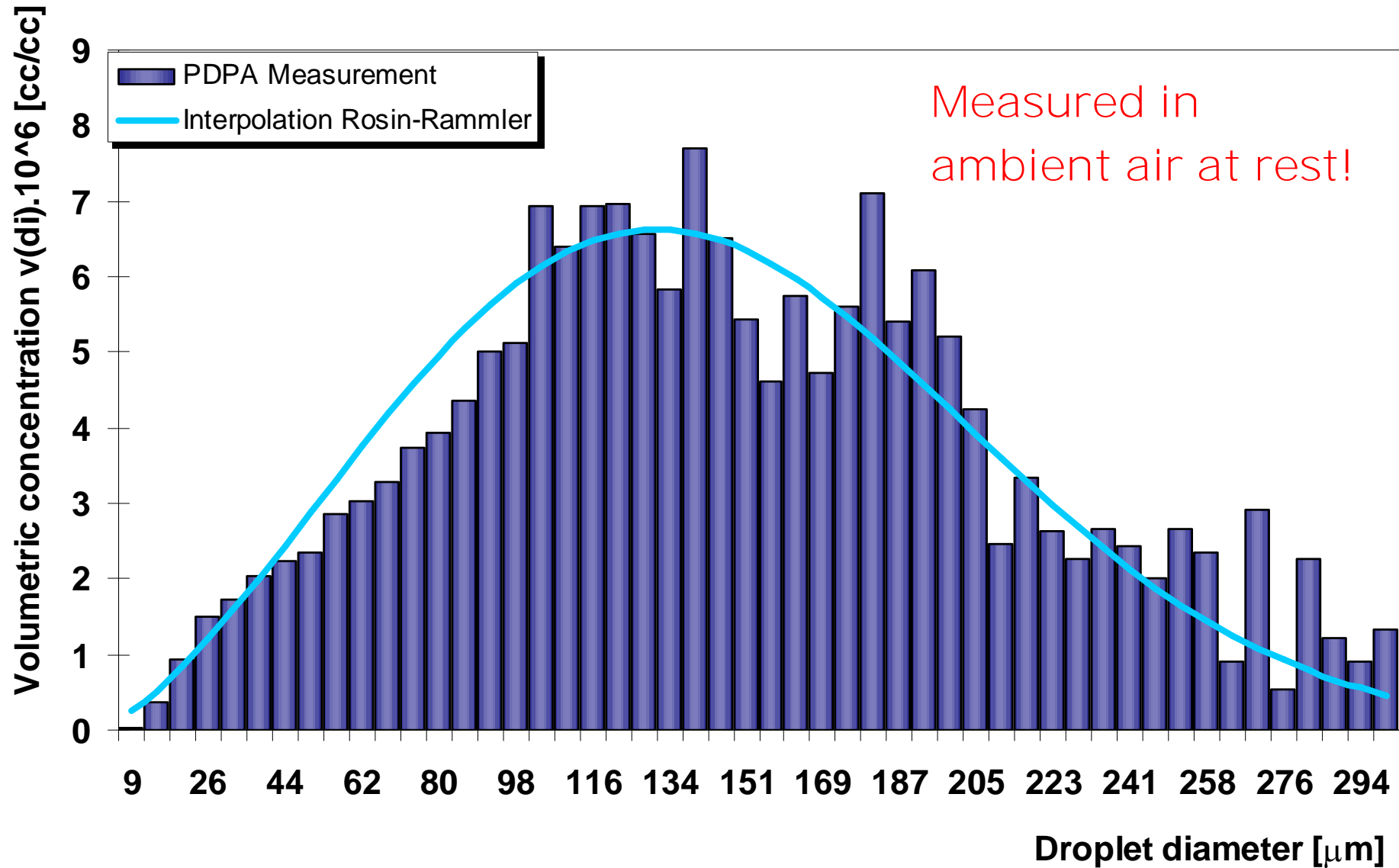
Density of Droplets

SUMMARY: $U_1=2\text{m/s}$, $U_2=1\text{m/s}$, $\lambda=0.33$, /PDA measurement/



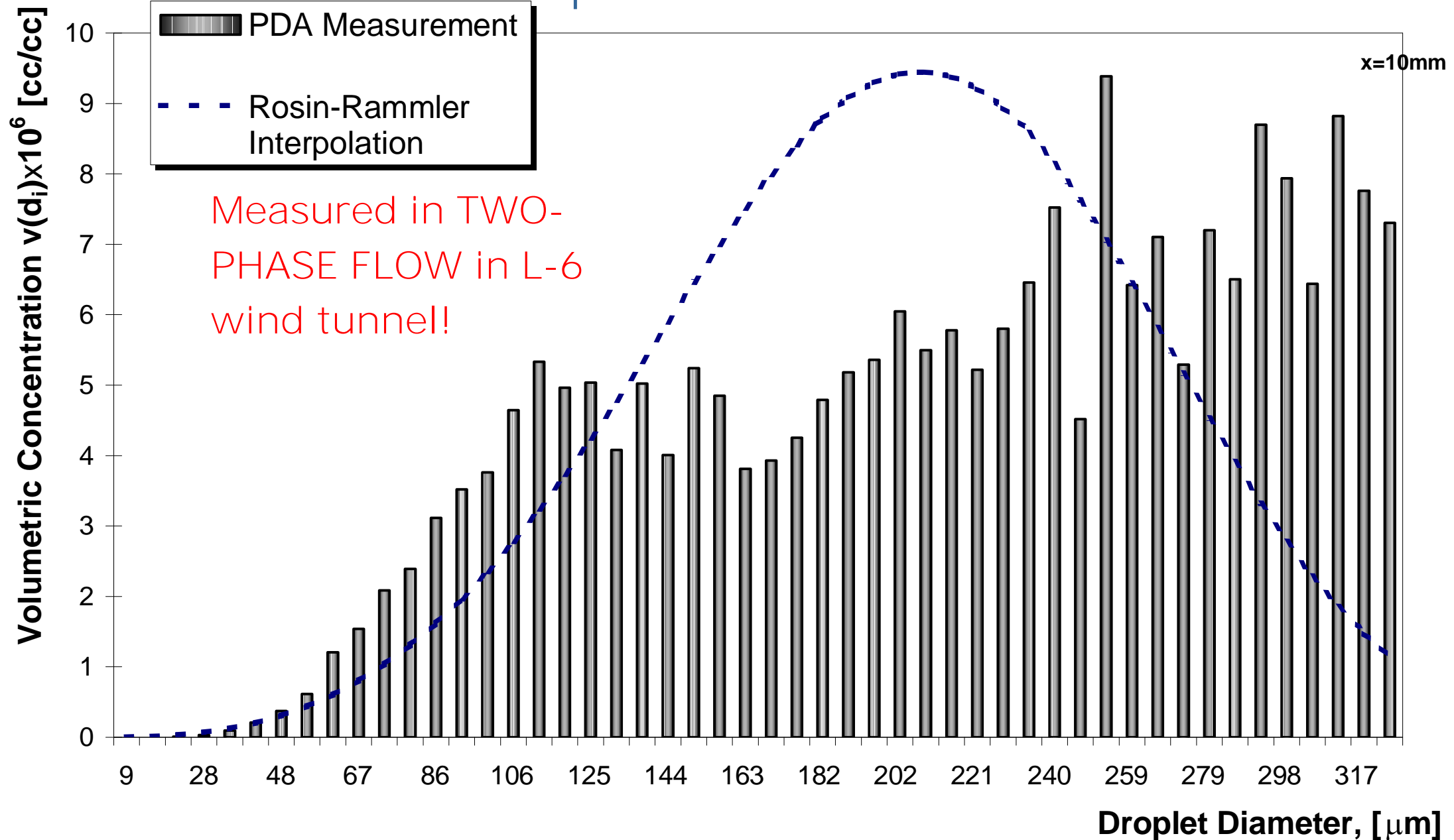


Droplet Flow Characterization





Droplet Flow Characterization





Droplet Flow Characterization

