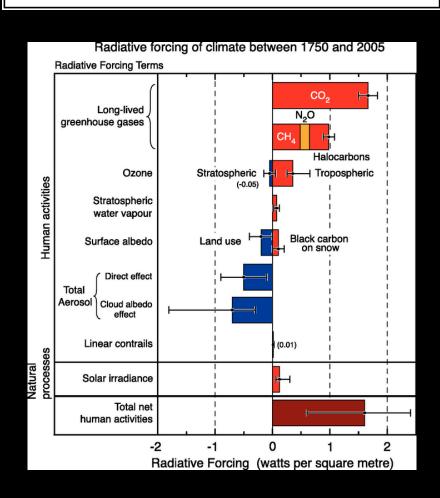


WHY?

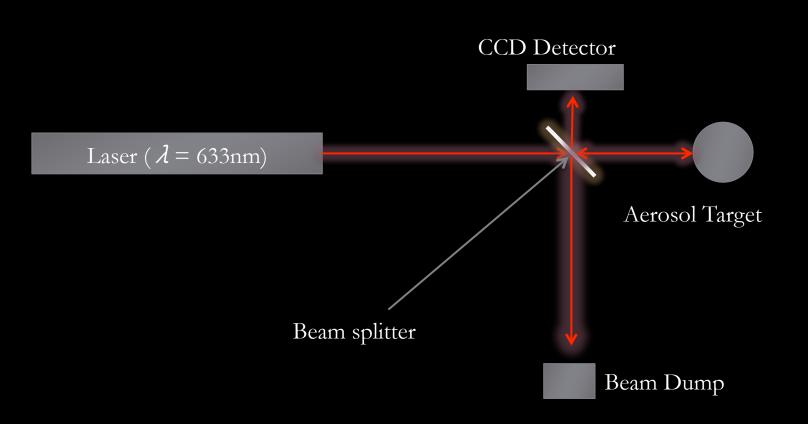


THE SOURCE

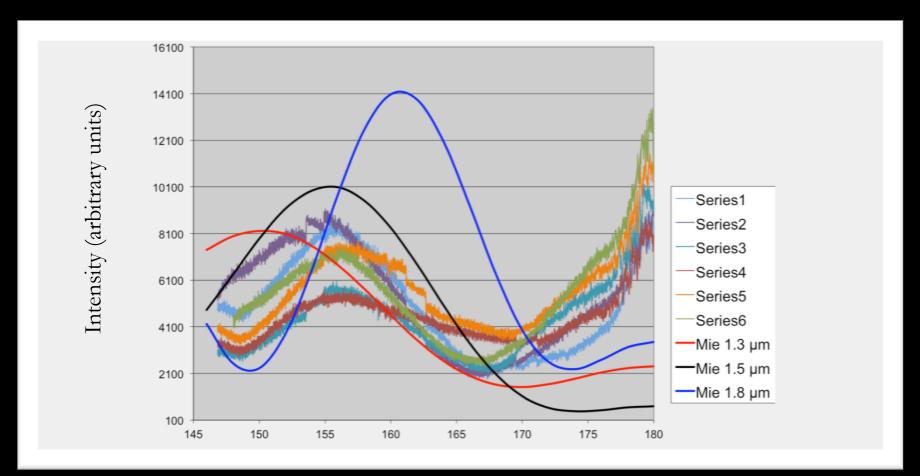


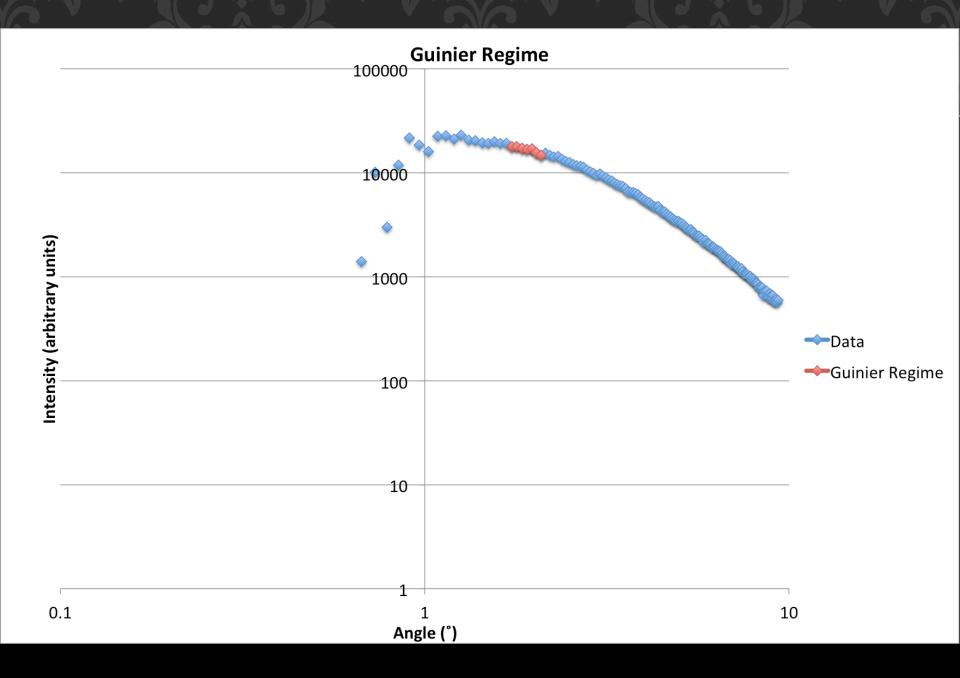
Spherical Liquid Water Droplet Aerosol (m=1.33)

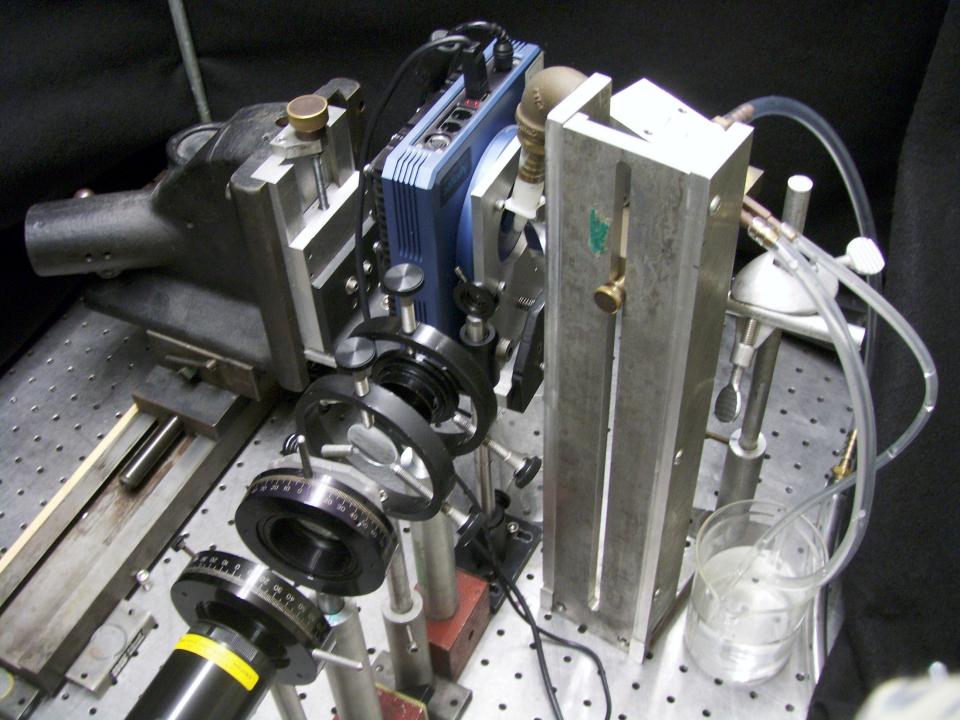
BACKSCATTER SETUP



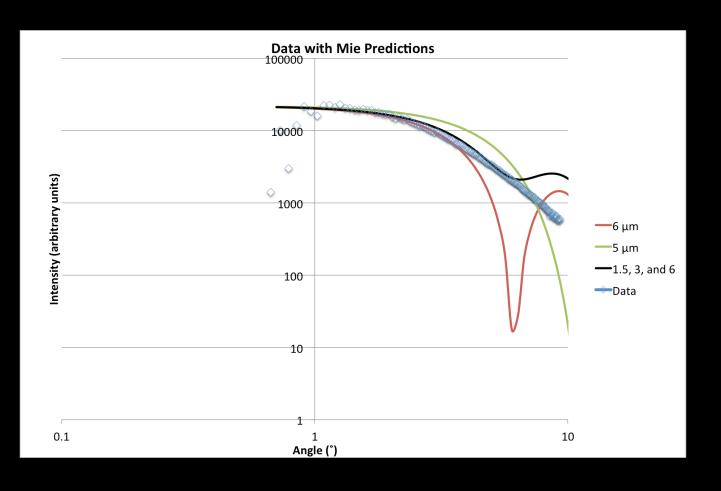
RESULTS







RESULTS



FINAL RESULTS

Backscatter suggests smaller size: ~1.5μm

Forward scattering suggests bigger size: ~6µm

DLS suggests mid-range size: ~2.5-4µm

Very likely polydisperse.

Backscatter apparatus likely works, but needs more testing.

REFERENCE

[1]"Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, 2007." *IPCC - Intergovernmental Panel on Climate Change*. Ed. S. Soloman, D. Qin, M.Manning, and Z. Chen. Internation Panel on Climate Change. Web. 09 Nov. 2011.