

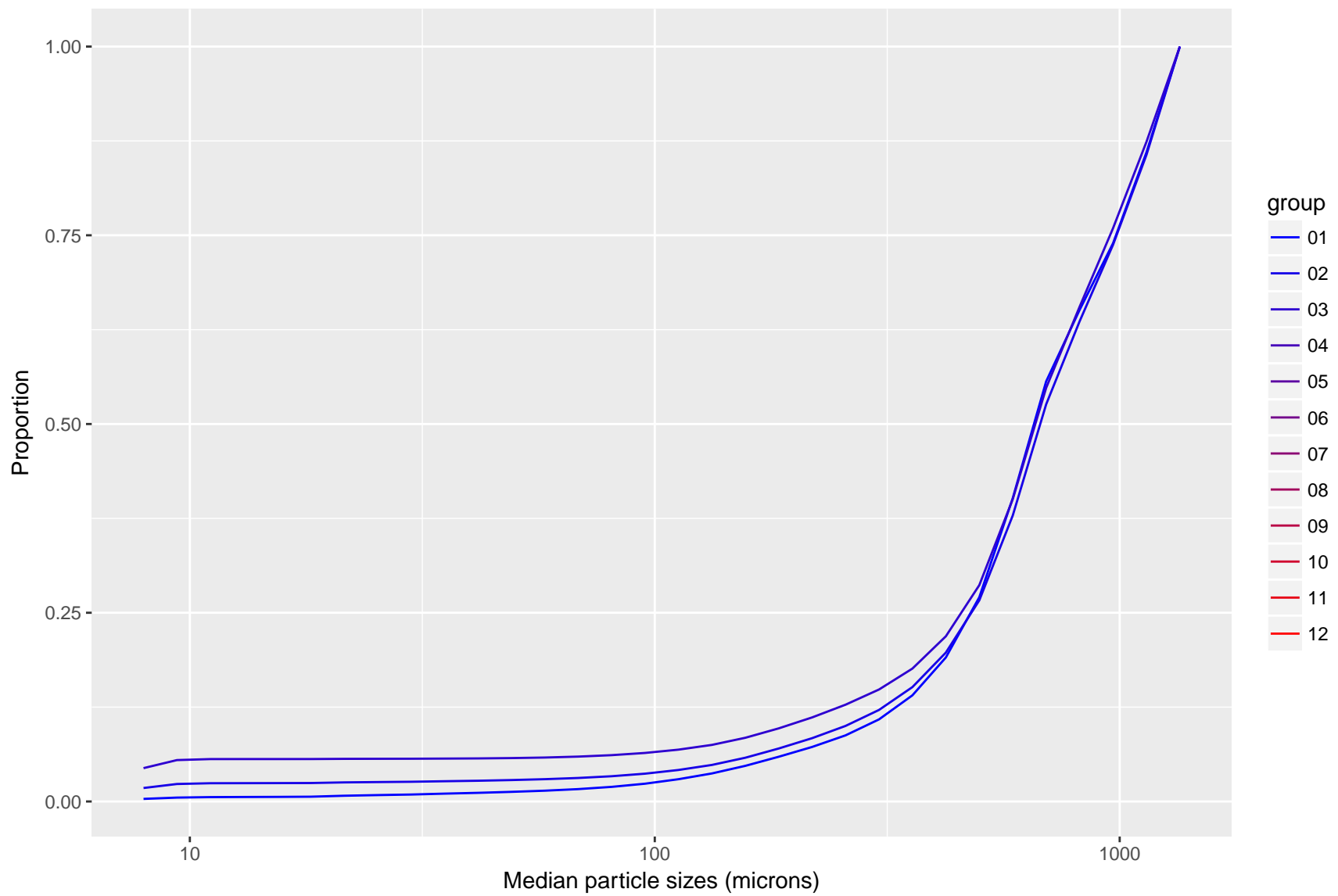
Flume Run: 02/15/2018

Justin Nghiem

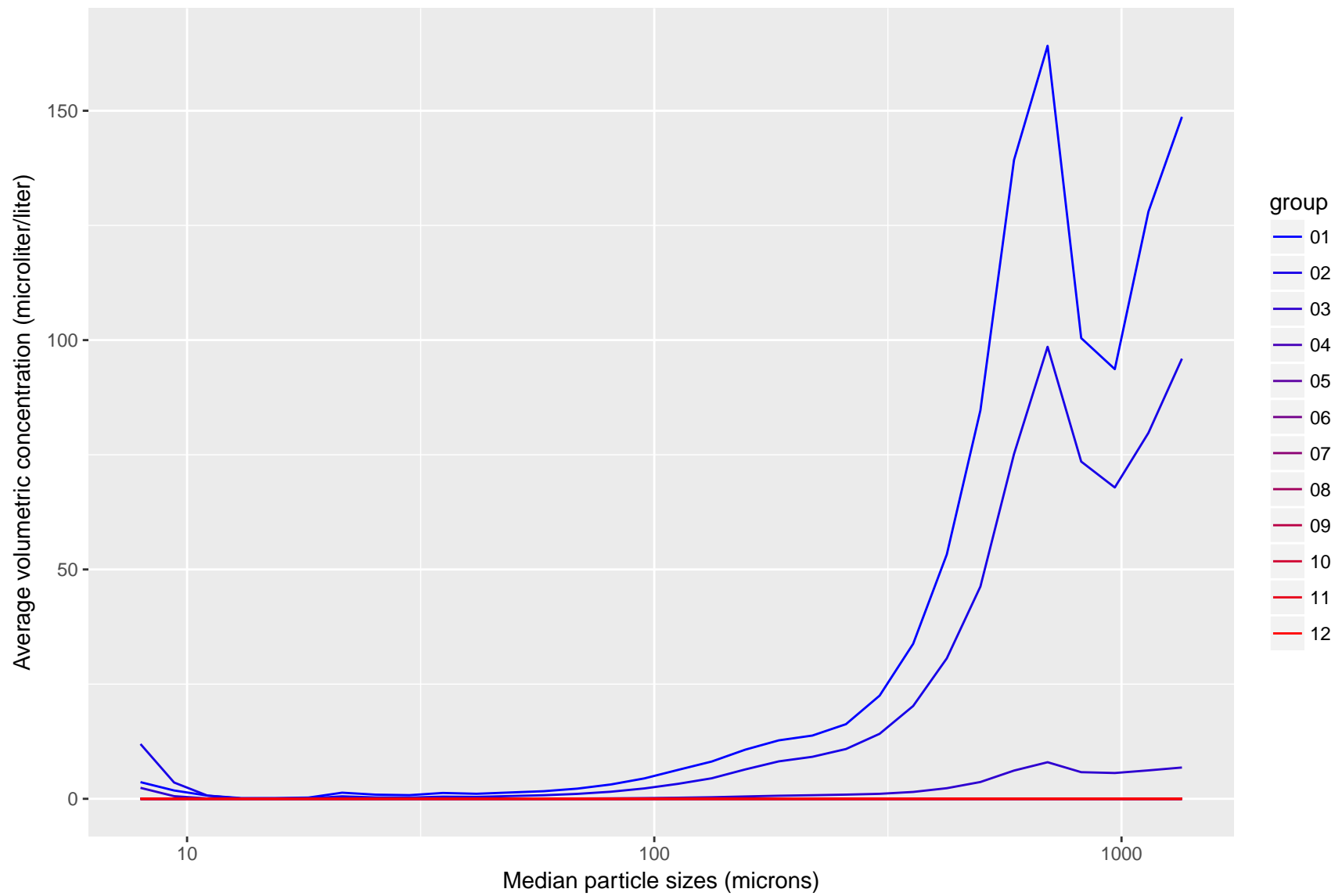
02/16/18

The groups are 10-minute intervals for data aggregation. For example, group 1 is the first 10 minutes in the data collection and group 12 is the final 10 minutes. Particle concentration is averaged within groups for the plots.

Cumulative Density Curve



Density Curve, unsmoothed



The graph displays three curves on a coordinate system with a grid. The horizontal axis is labeled 'x' and the vertical axis is labeled 'y'. A red horizontal line is positioned at the bottom of the grid. Two blue curves originate from the left side, just above the red line. Both curves initially decrease slightly, reaching a minimum around the middle of the x-axis, and then increase sharply as they move towards the right. The upper blue curve increases at a much steeper rate than the lower blue curve, which remains closer to the red line throughout the shown range.

01
02
03
04
05
06
07
08
09
10
11
12

02

03

04

05

06

07

08

09

10

11

12

Density Curve, normalized and smoothed (LOESS local regression)

