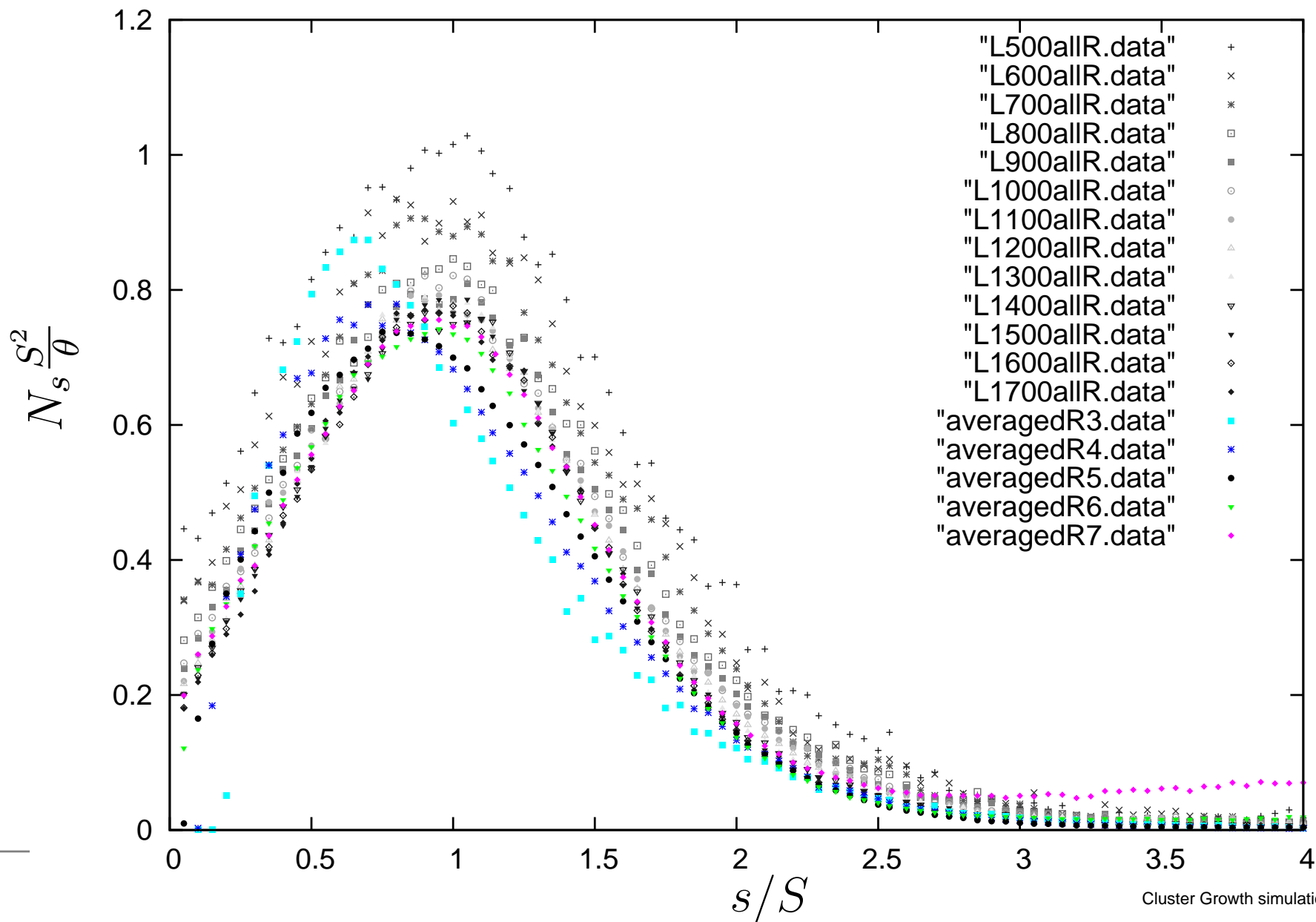


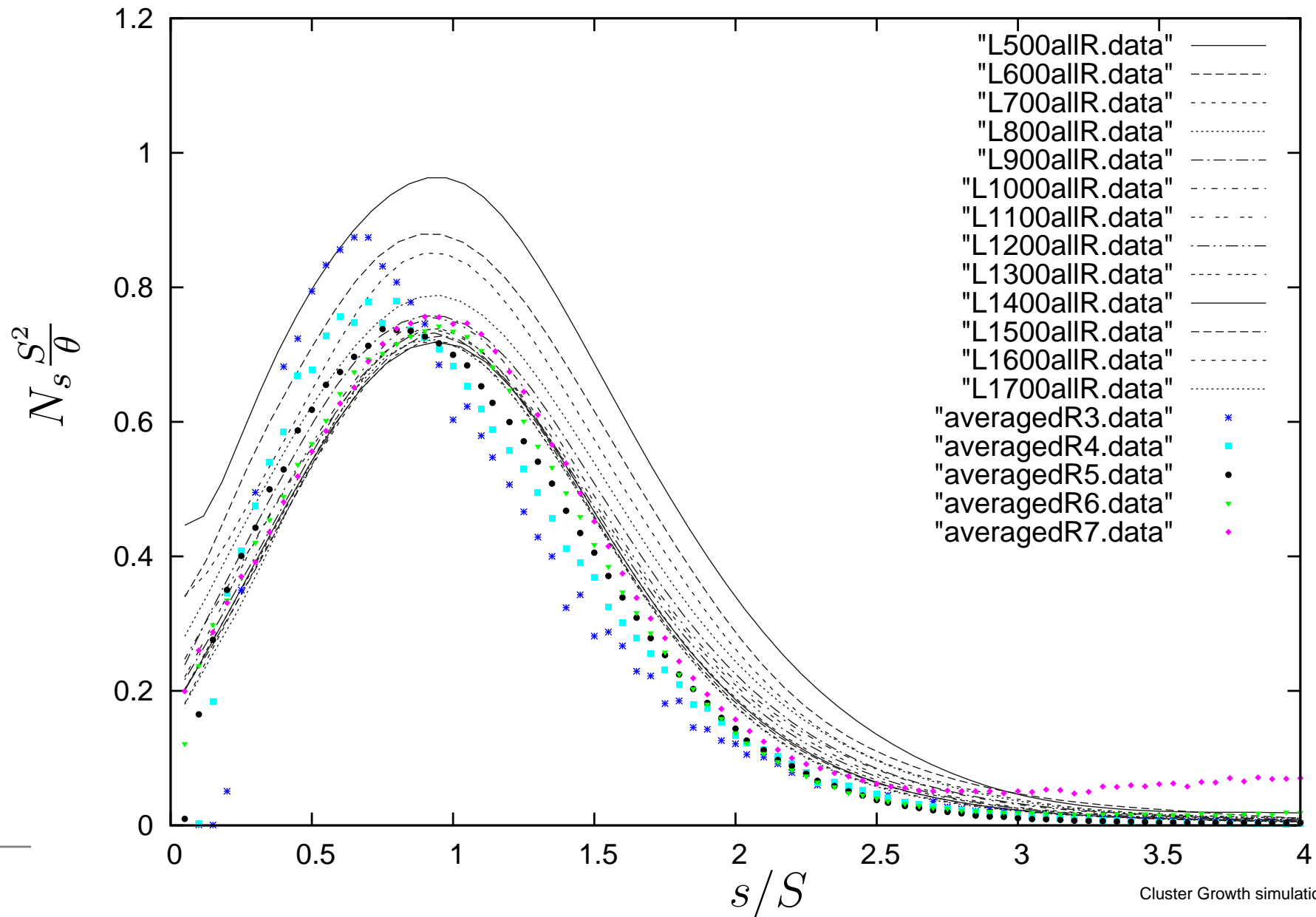
Comments for following plot

- The gray-scale curves correspond to multiple simulations from the same grid size averaged over five R values $10^3 - 10^8$. The colored curves are averages from different grid sizes but the same R values.
- In the legend the number following L is the grid size used in the simulation and the number following R is the exponent. (i.e. $L500R5$ means $L = 500$ and $R = 10^5$)
- The first plot has the data points the second plot has a bezier smooth applied to it.

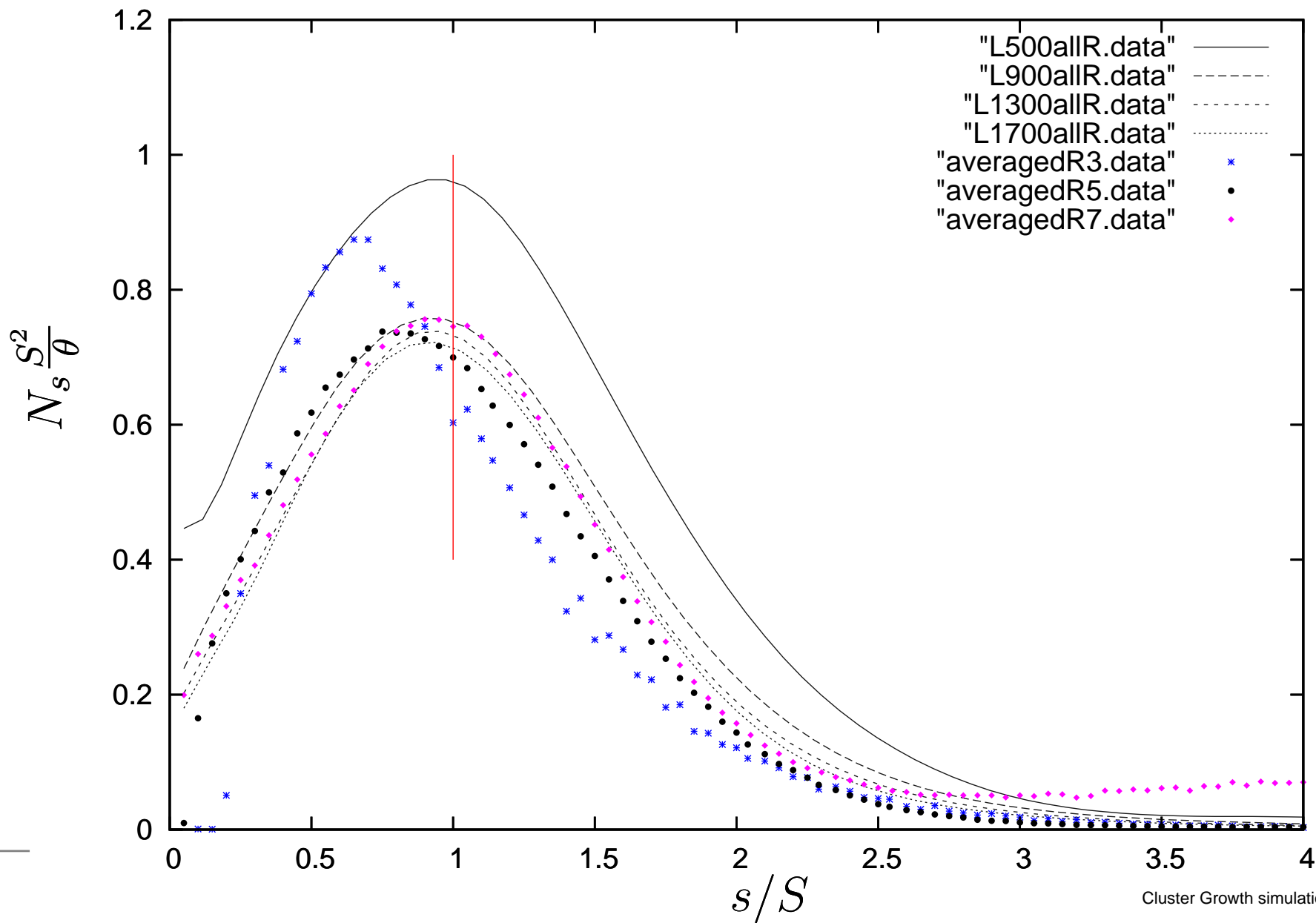
Averaged Data



Smoothed Data

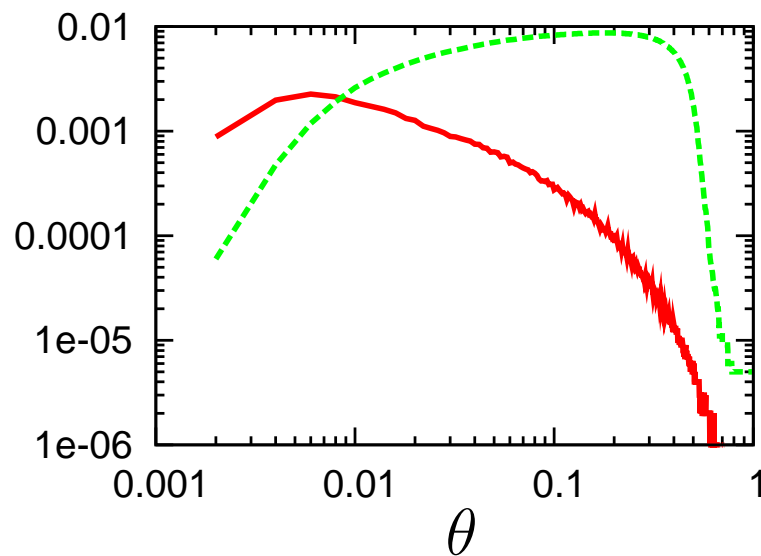
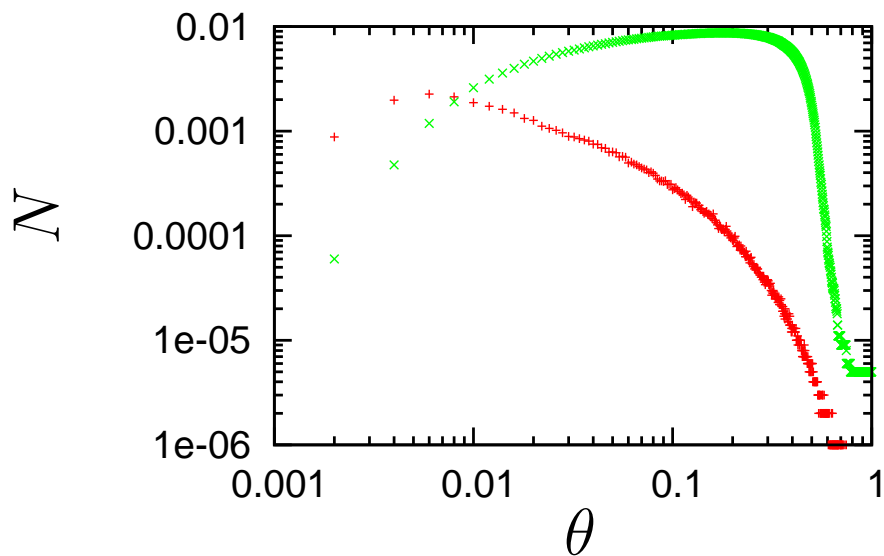


Select Data



Density

These are the monomer and island density curves averaged over four runs at $L = 450$ and $R = 10^5$. These curved pointed out a flaw in my program, as you can see the monomer density value does not increase at the end. This is because I haven't been considering particles dropped on top of islands to be monomers, perhaps that will effect my previous results as well.



Discussion

- For increasing grid size and increasing R value all of my data seems to be converging onto one curve. However, my data does not agree with other forms of the scaling function. The red curve below is the alternate form on Ben's poster that doesn't fix the peak at one.

