### Simulations Documentation

the AWESOME Project PART: r128 Simulations

Markus Haider, Harald Höller June 29, 2012

# Contents

| 1        | Sim | ulatio | ns                      |
|----------|-----|--------|-------------------------|
| <b>2</b> | Sim | ulatio | ns                      |
|          | 2.1 | r128   |                         |
|          |     | 2.1.1  | drdx_3                  |
|          |     | 2.1.2  | drdx_h100_r128_1        |
|          |     | 2.1.3  | drdx_h100_r128_2        |
|          |     | 2.1.4  | $drkltest+3c+sl50_{-1}$ |

# Chapter 1

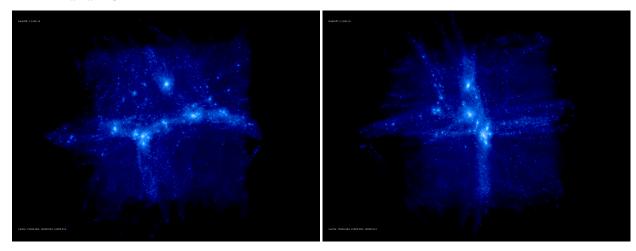
# **Simulations**

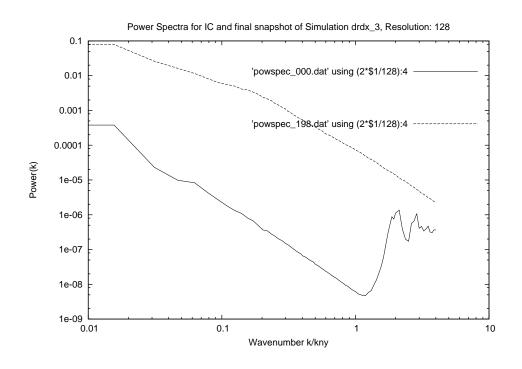
### Chapter 2

### **Simulations**

### 2.1 r128

### $2.1.1 \quad drdx_3$

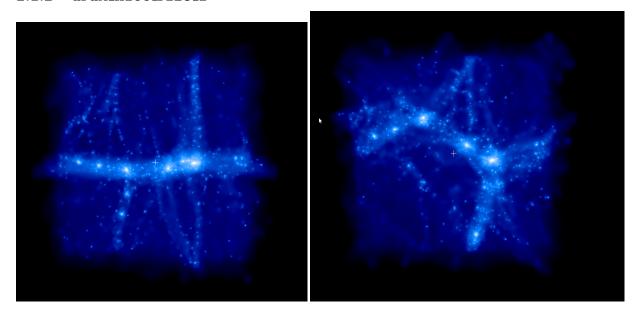


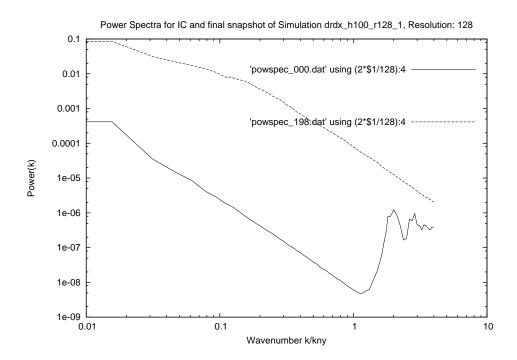


ROCKSTARRED  $\sqrt{\phantom{a}}$ 

pfff  $\rightarrow$  Error: too few halos at scale factor 0.926072 to calculate consistency metric.

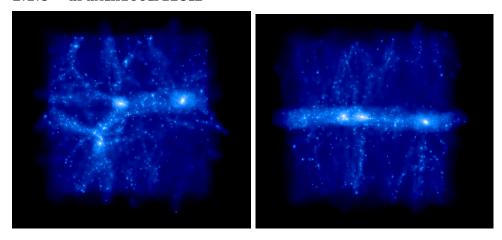
#### $2.1.2 \quad dr dx \_ h 100 \_ r 128 \_ 1$

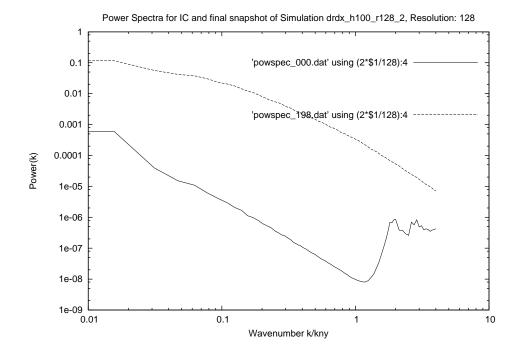




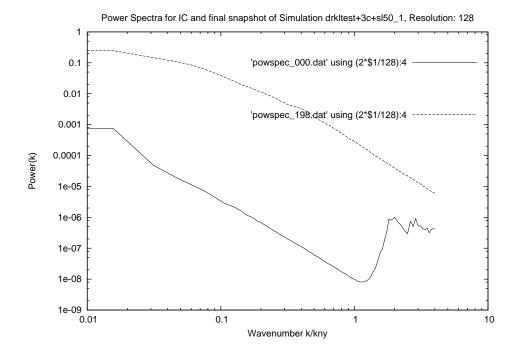
ROCKSTARRED  $\sqrt{}$  consistent tree: too few halos at scale factor 0.896 ...  $\rightarrow$  wtf?

### $2.1.3 \quad drdx_h100_r128_2$





#### $2.1.4 \quad drkltest + 3c + sl50\_1$



Error: too few halos at scale factor 0.890265 to calculate consistency metric. Please remove this and all earlier timesteps from the scale file and rerun. (DescScales.txt)

