47/snapshot_001

M (Msol/h)

N(M)

CDM
SPH
LCDM CDM
LCDM SPH
47/snapshot_002

The graph shows the distribution of mass (M) in a given volume, with the number of objects (N) plotted on the y-axis and the mass (M) on the x-axis. The graph includes lines for different models:

- **CDM** (Continuous Dark Matter)
- **SPH** (Smoothed Particle Hydrodynamics)
- **LCDM** (Lambda Cold Dark Matter)
- **LCDM CDM**
- **LCDM SPH**

The x-axis is labeled as M (Msol/h), and the y-axis is labeled as N/M. The scale for mass ranges from $10^{11}$ to $10^{15}$ Msol/h, and the scale for the number of objects ranges from $10^{-12}$ to $10^4$. The graph is on a logarithmic scale for both axes.
$N(\geq M)$

$M$ (Msol/h)

47/snapshot_018

CDM

SPH

LCDM CDM

LCDM SPH