Box\_n50\_42\_1400 10<sup>-3</sup>  $10^{-4}$ 10<sup>-5</sup>  $n \, [\text{Mpc}^{-1}h]^3$ a = 0.25a = 0.30a = 0.37a = 0.40a = 0.49a = 0.51 $10^{-7}$ a = 0.54a = 0.56a = 0.59a = 0.62a = 0.6510-8 a = 0.72a = 0.79a = 0.87a = 0.9510-9 = a = 1.0010<sup>15</sup> 10<sup>12</sup> 10<sup>13</sup>  $10^{14}$ Mass  $[h^{-1}M_{\odot}]$