MCMC run for MW satellite stellar mass function

Report Spam

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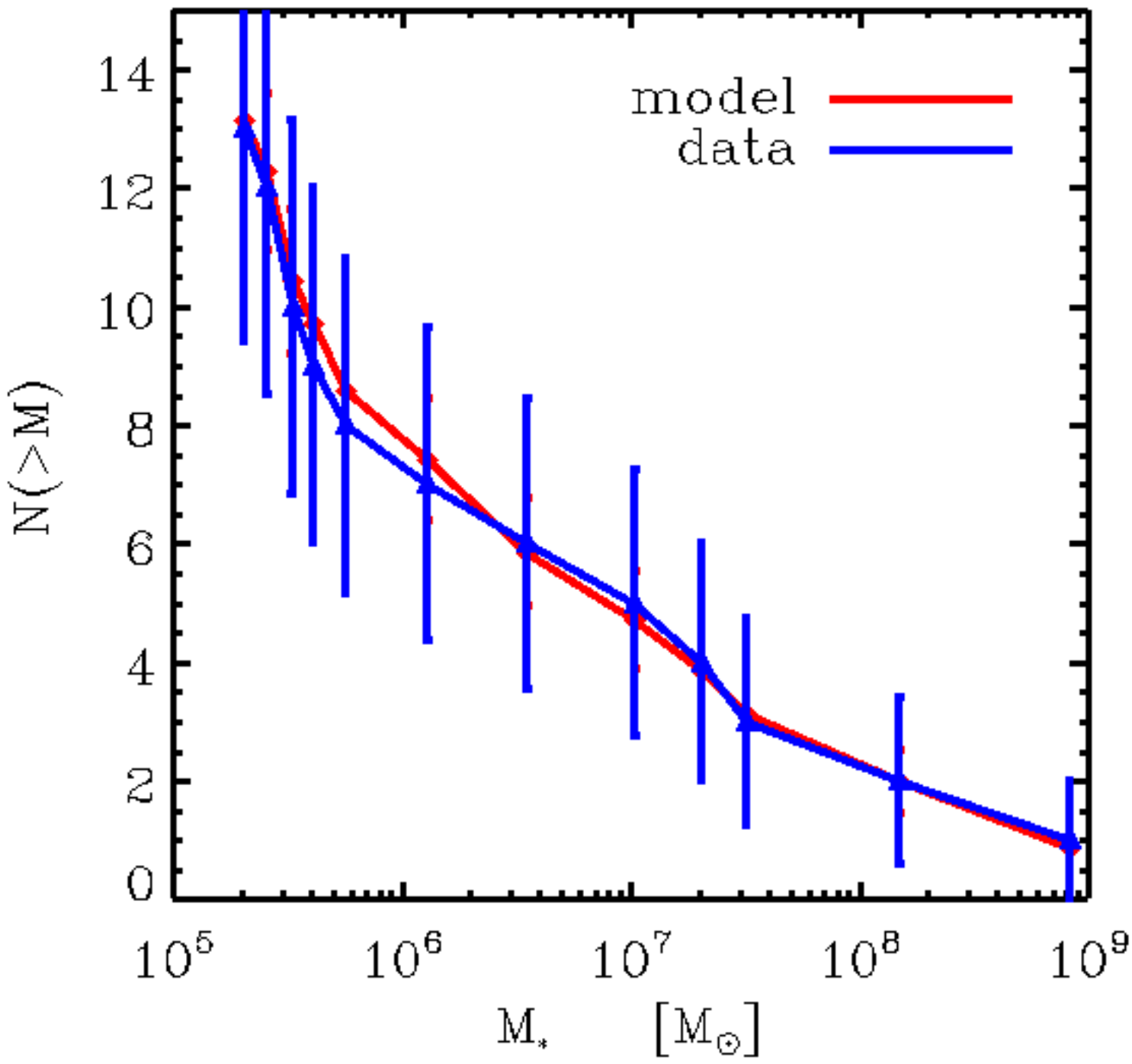
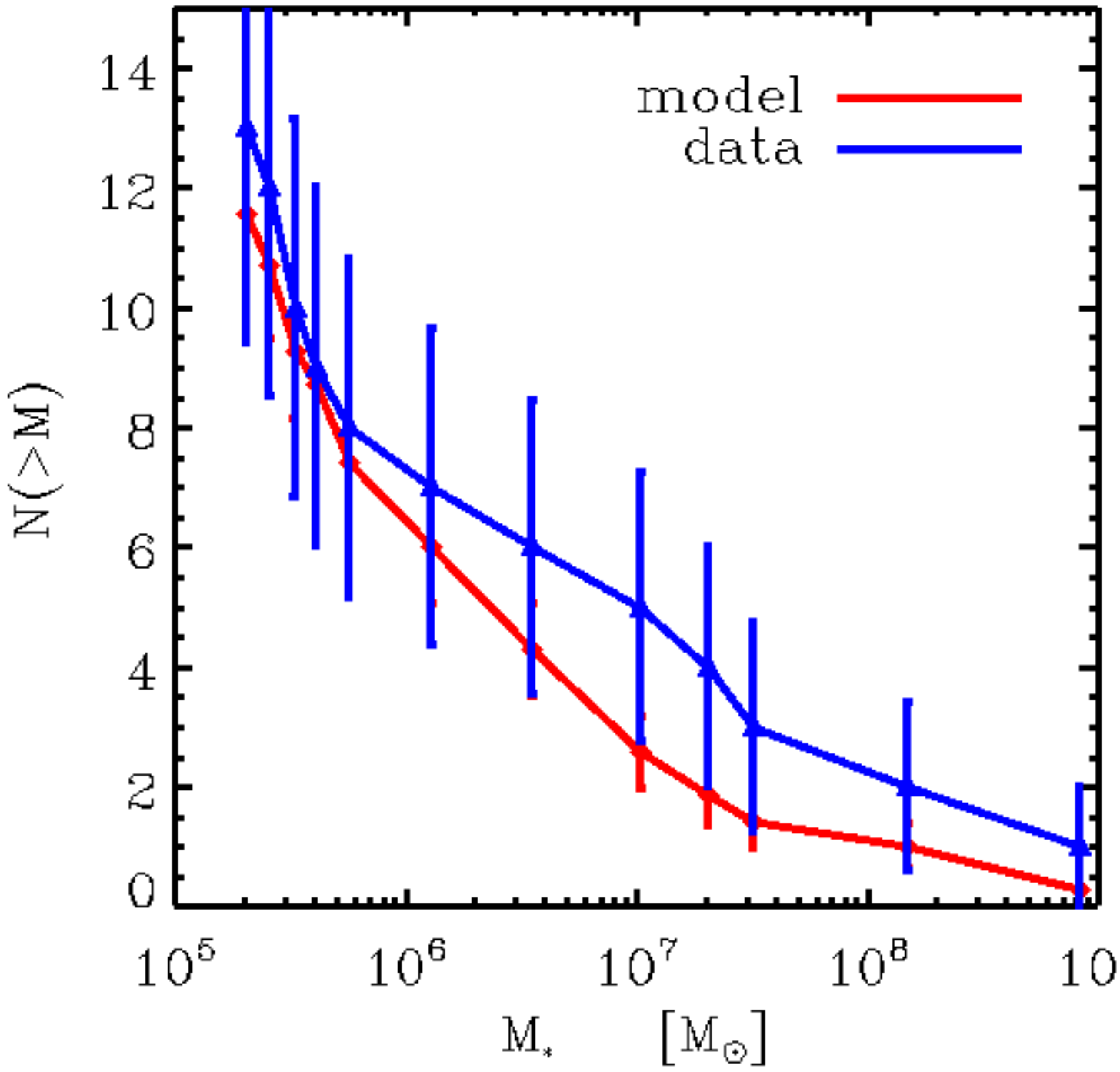
1). Merger tree set 1: 7 MW simulation merger trees. These trees contain massive subhalos that can host LMC/SMC.

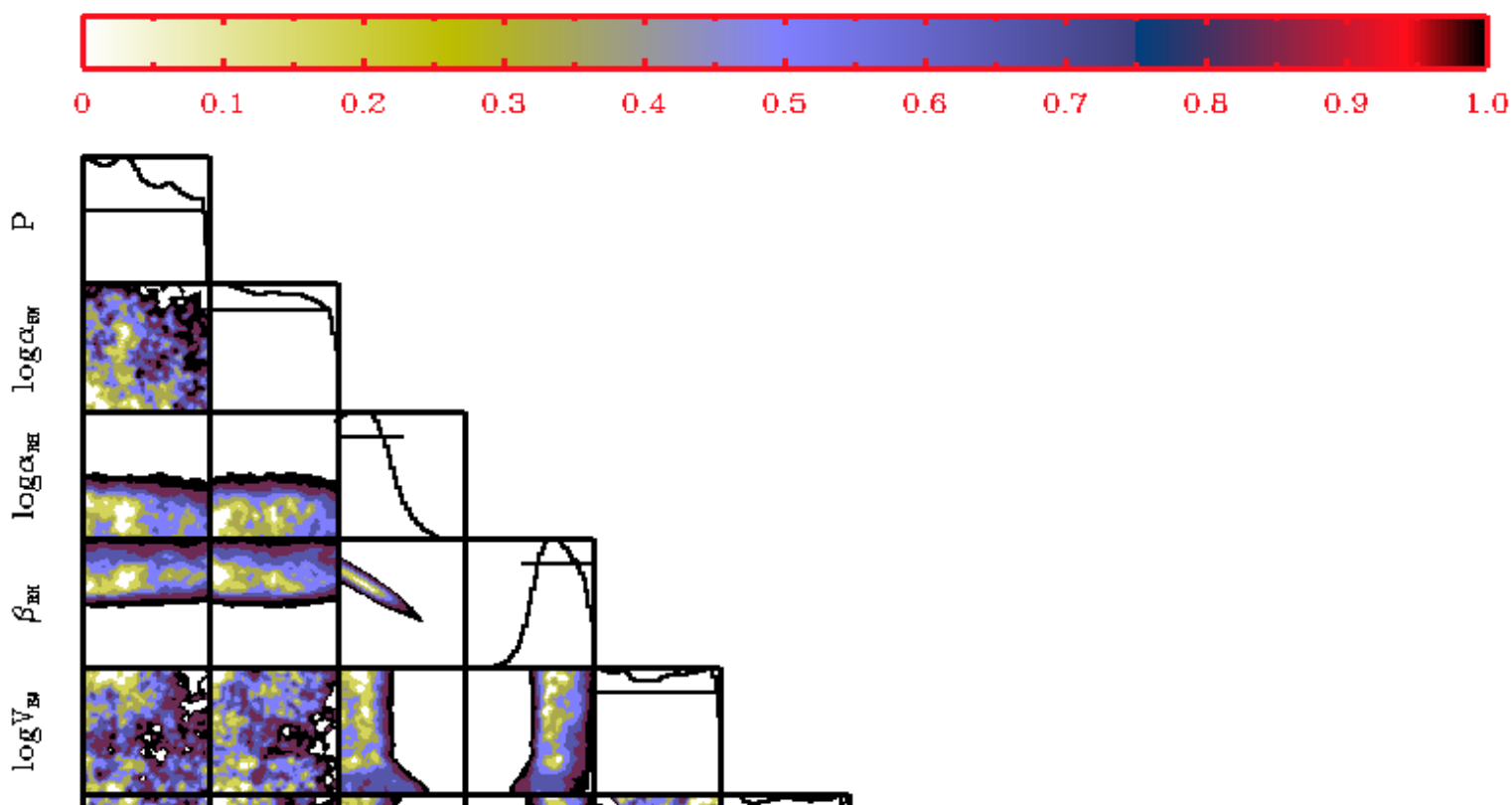
a.1). best model satellite stellar mass function:

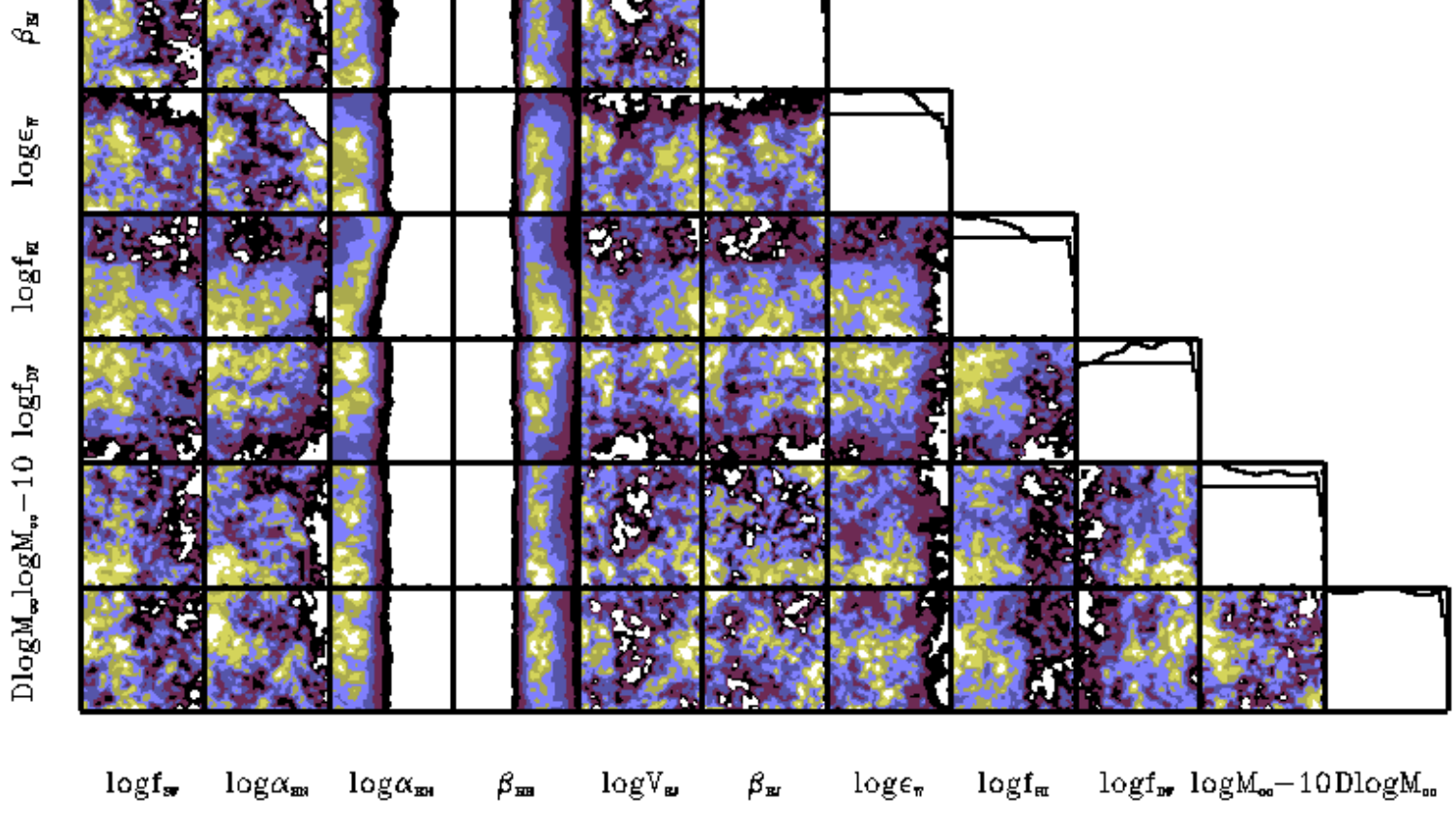


a.2). Apply the same model to merger tree set with not LMC/SMC subhalos:



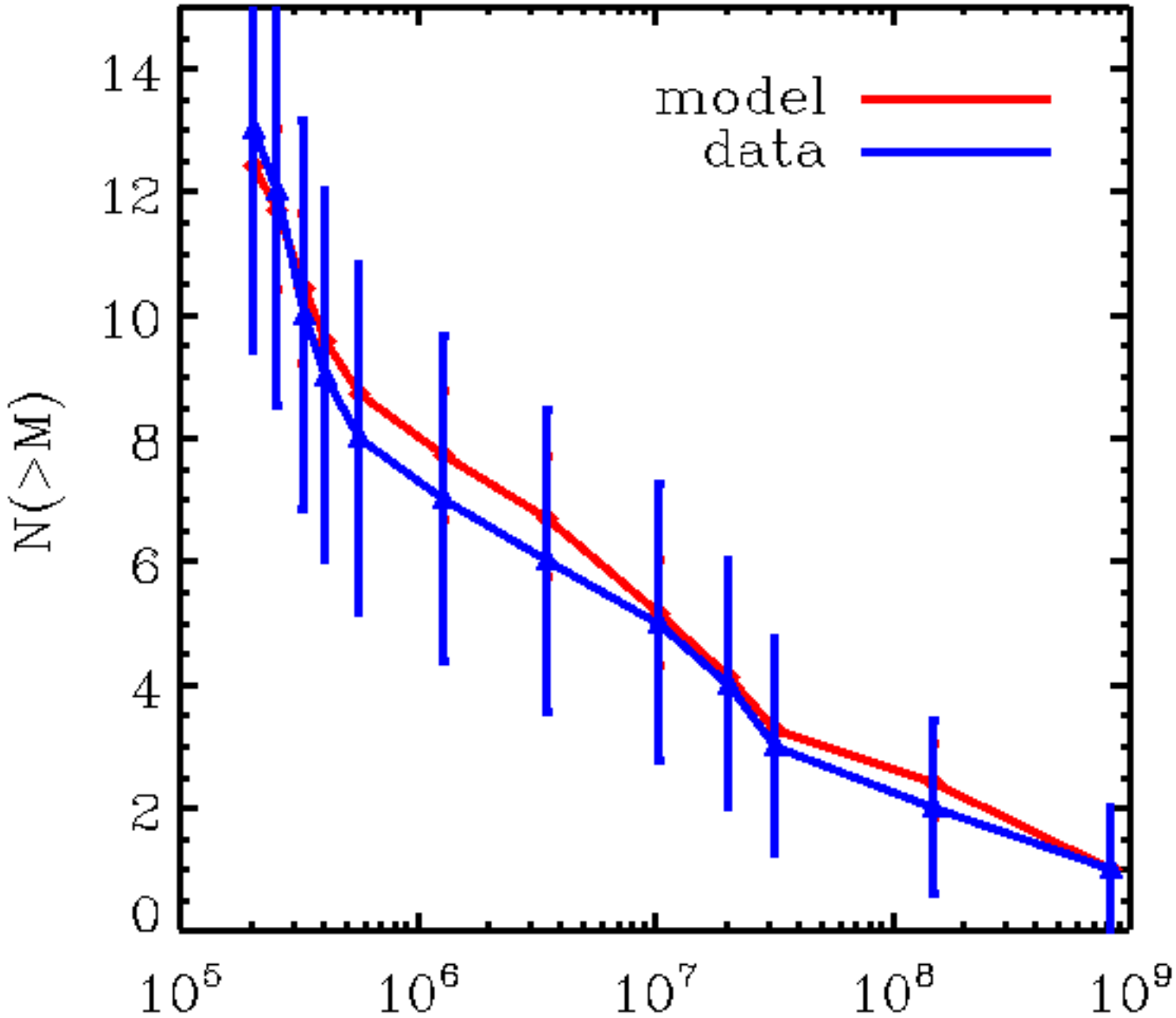
b). Posterior distribution



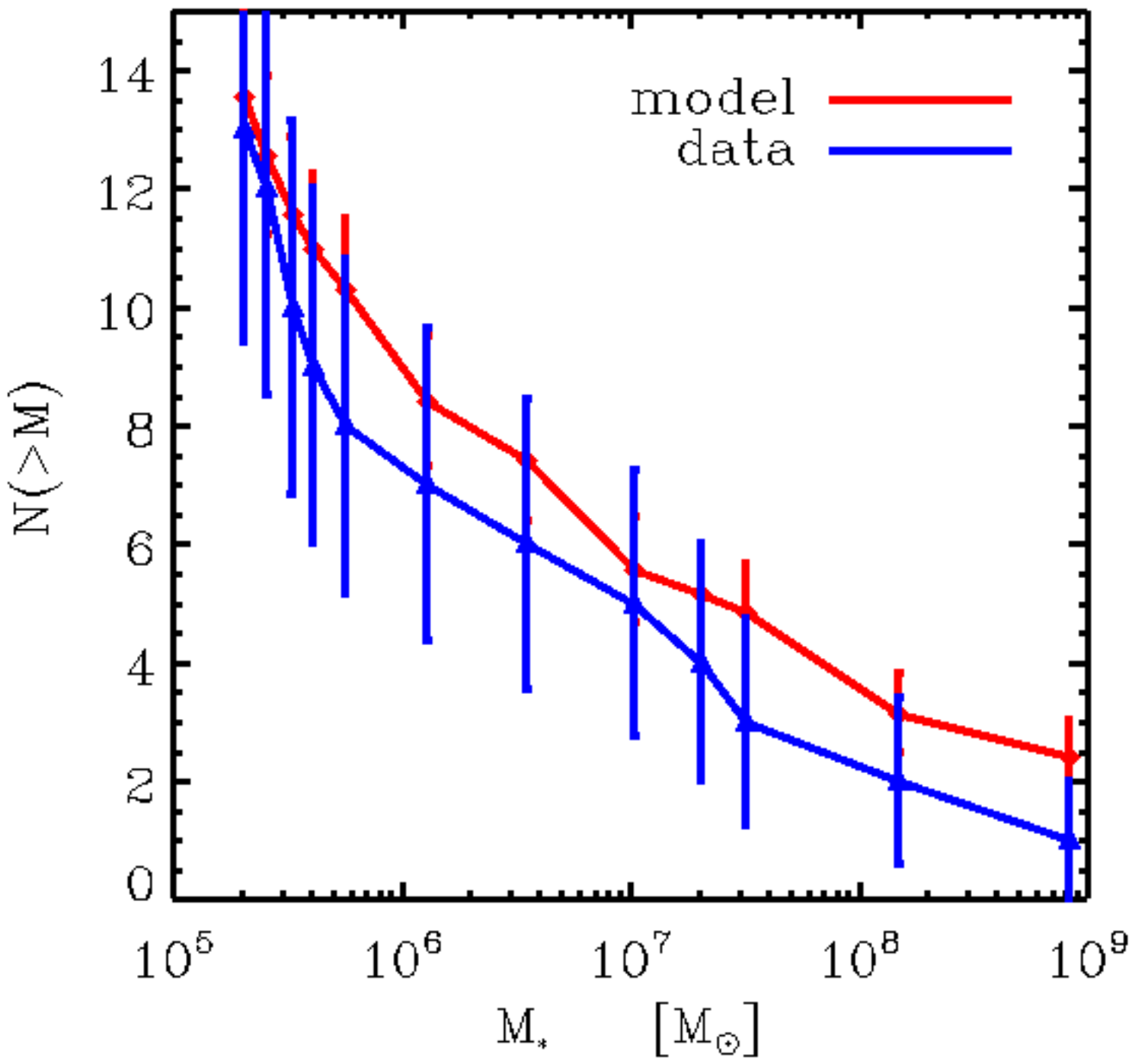


2). Merger tree set 2: 7 MW simulation merger trees. These trees do NOT contain massive subhalos. The formation time is systematically earlier.

a.1). Best model satellite stellar mass function:



a.2). Apply the same model to merger tree set with LCM/SMC subhalos:



b). Posterior distribution: