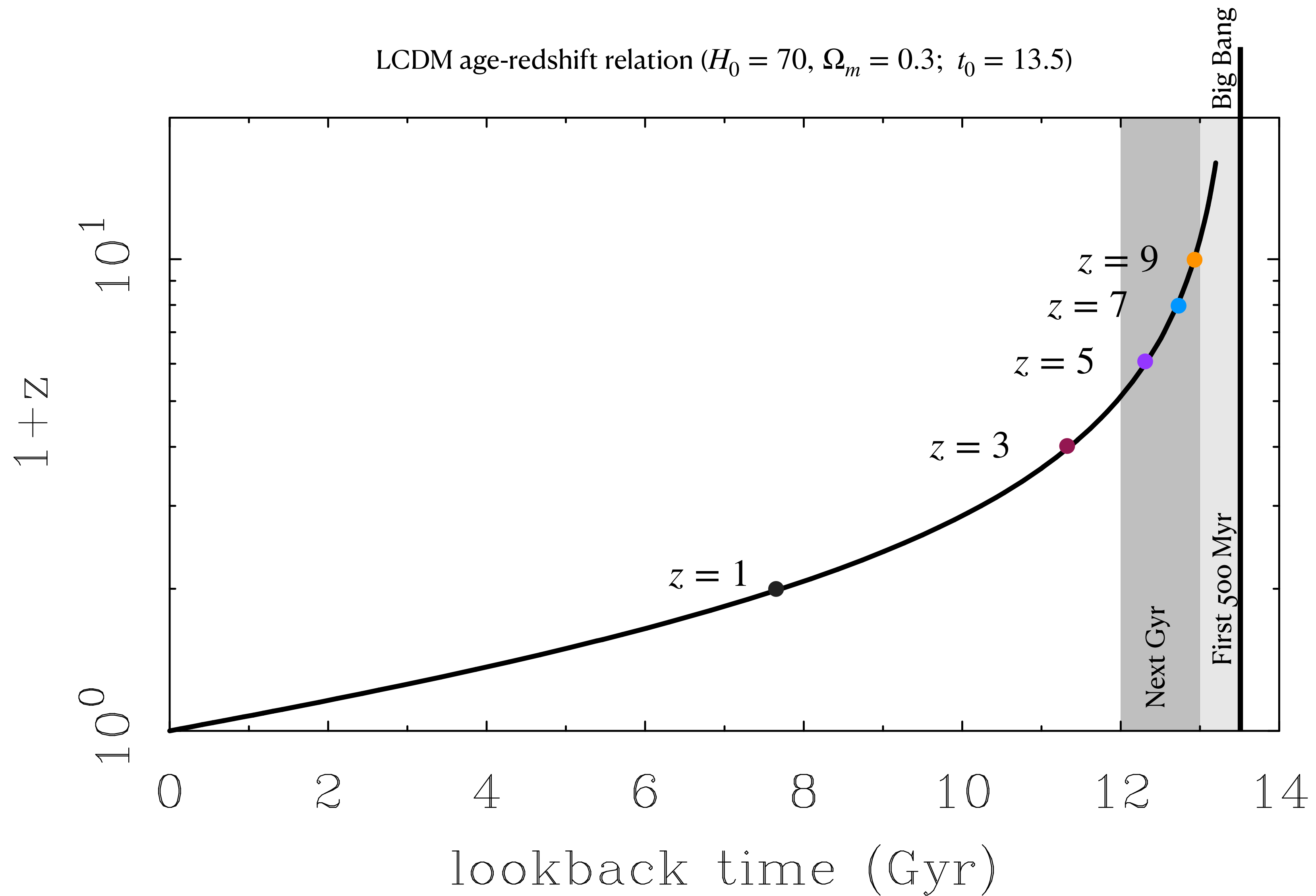
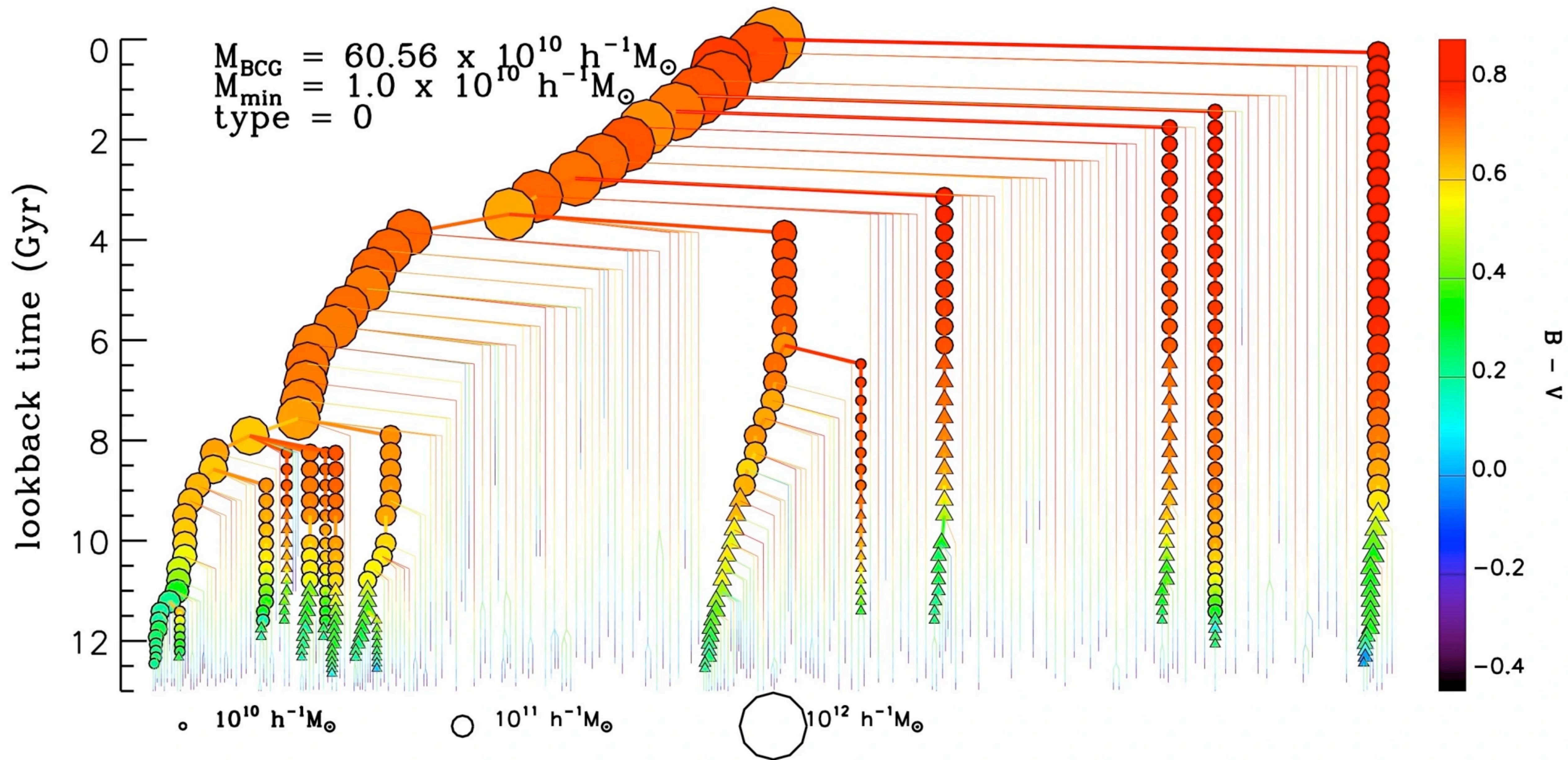
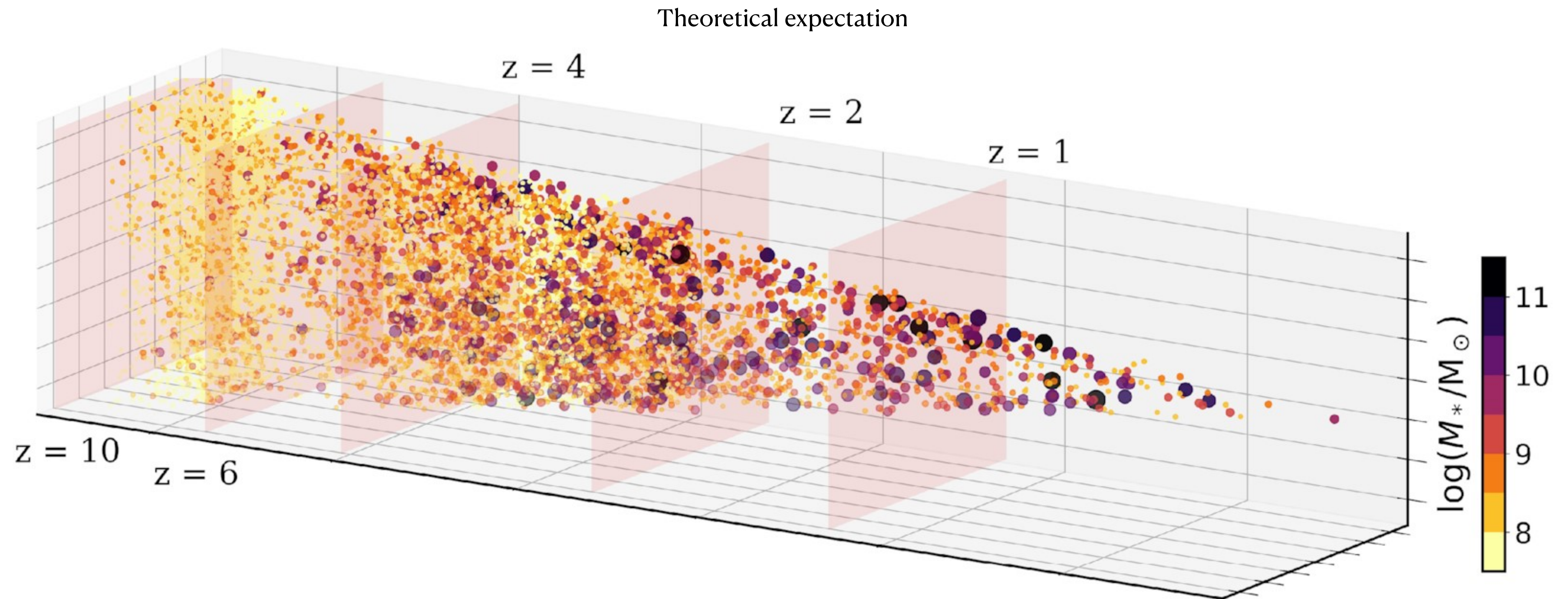


# What is going on at $z \sim 10$ ?

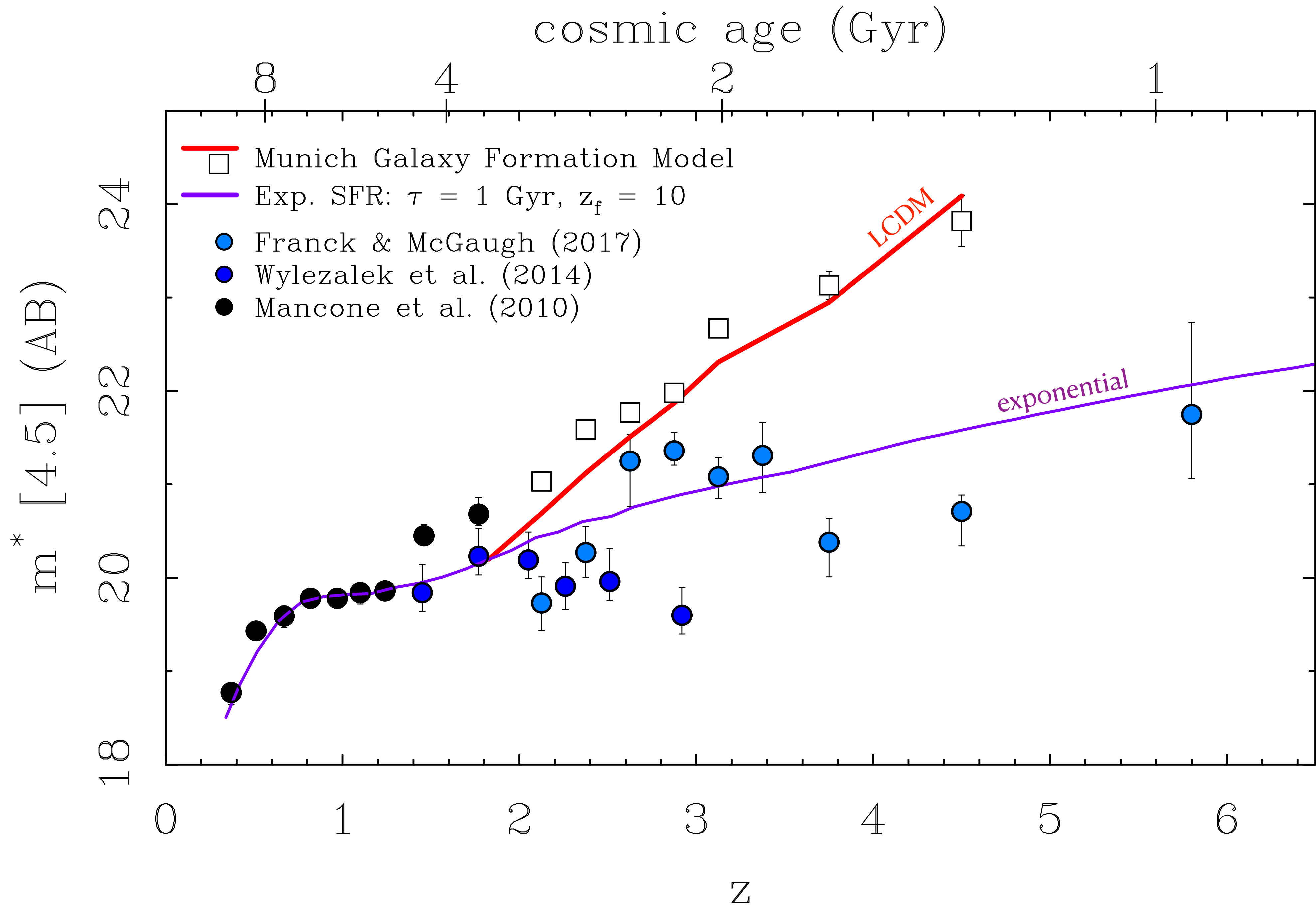


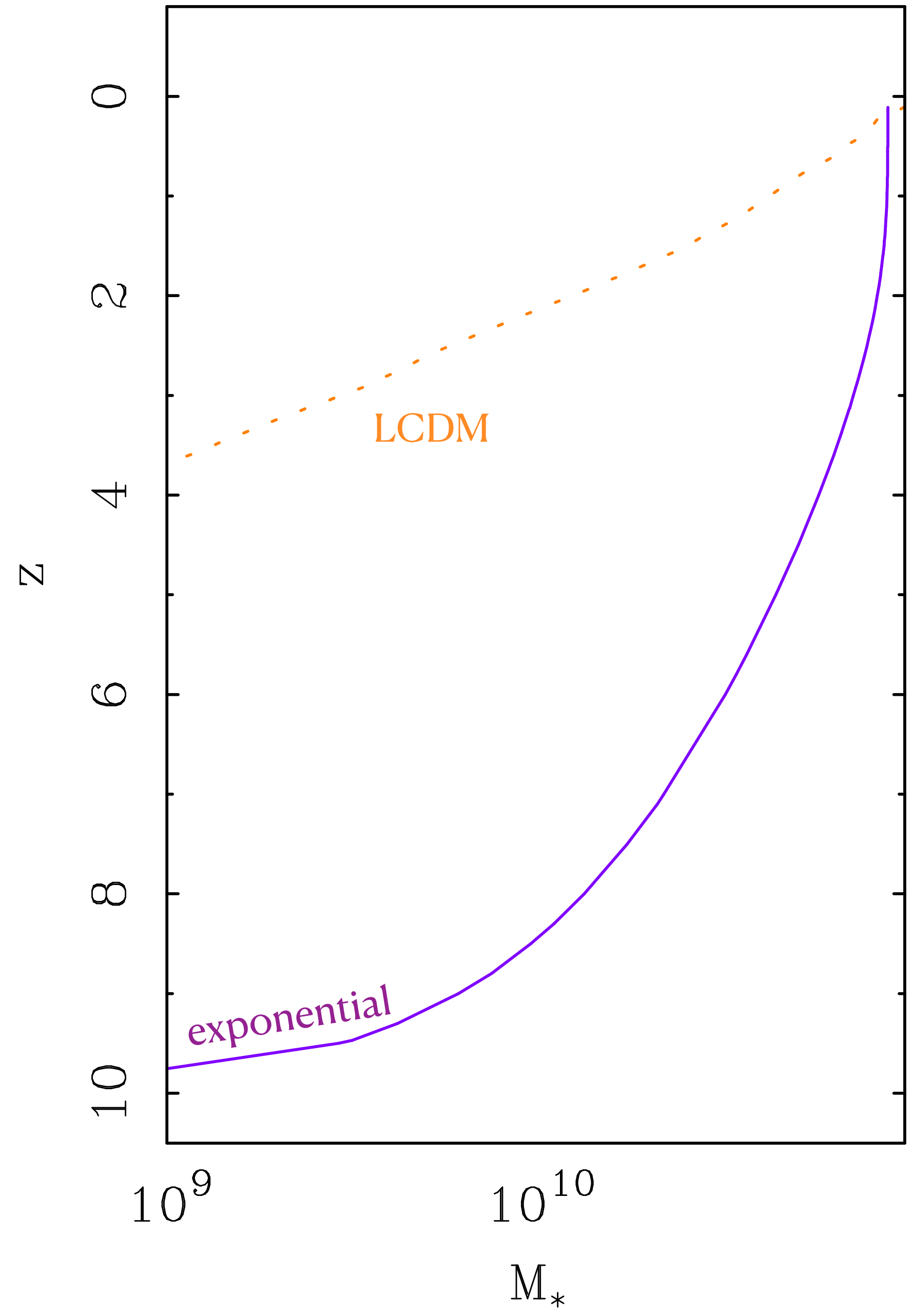
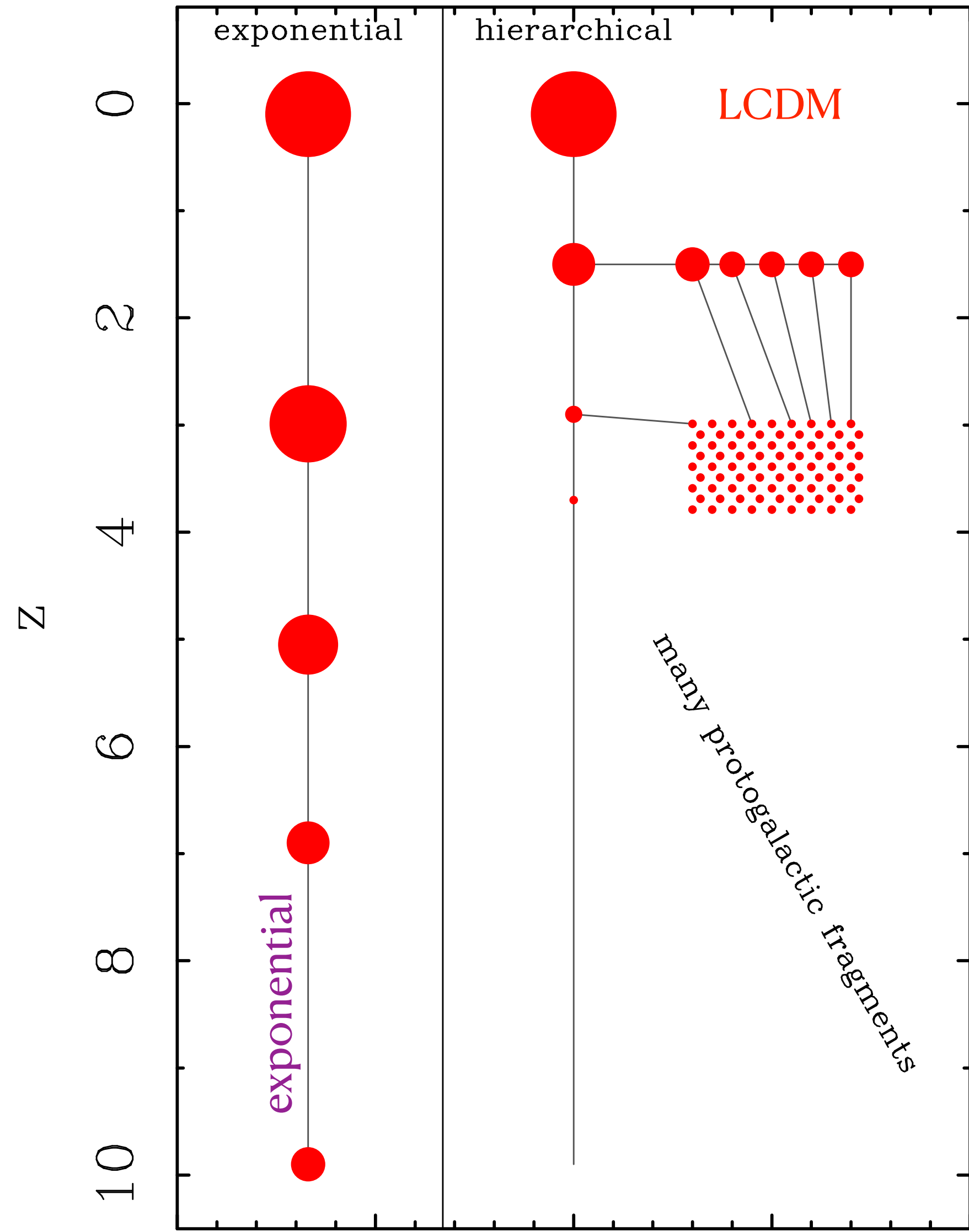






Three-dimensional visualization of a simulated light-cone of the COSMOS field. The cone-shaped feature is a manifestation of the predicted physical positions and distances for a fraction of the objects expected within the survey area along our line of sight.





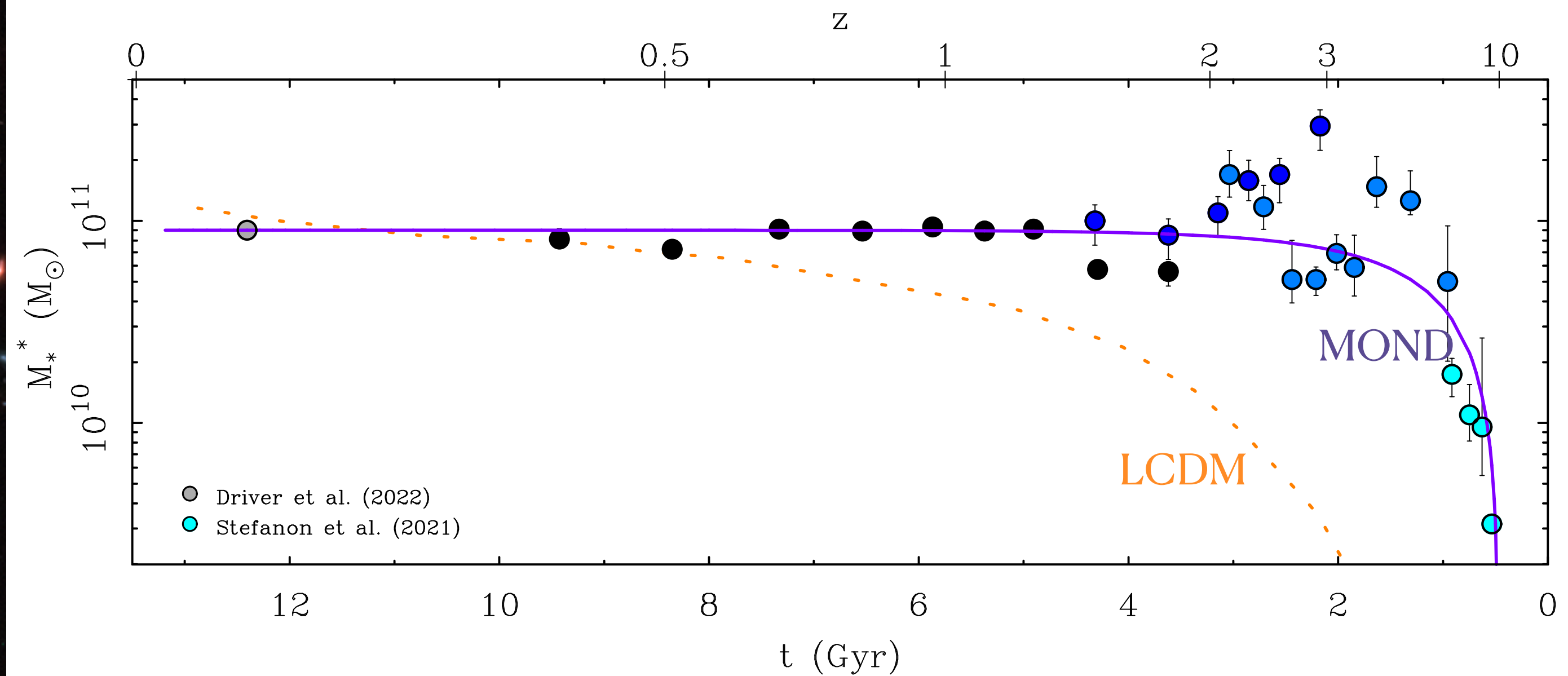


JWST observes massive galaxies at high redshift.

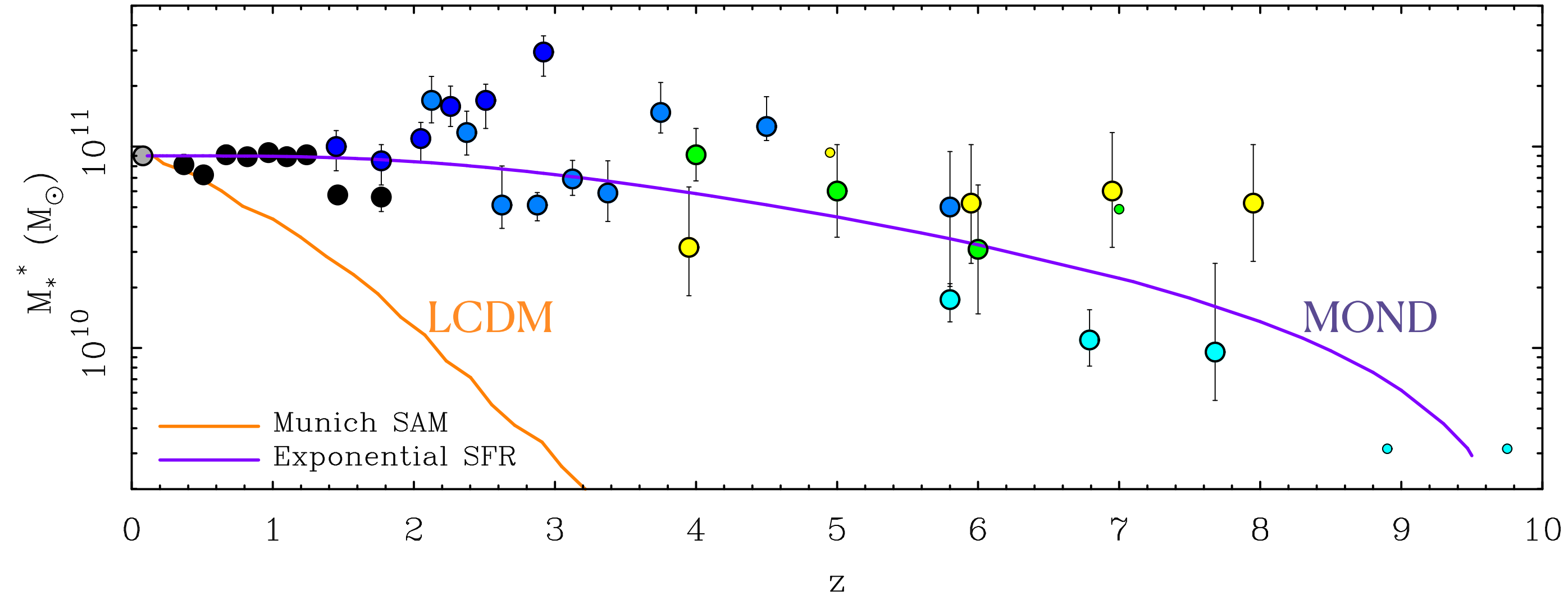
This was explicitly predicted by MOND 25 years ago.

“Objects of galaxy mass are the first virialized objects to form (by  $z=10$ )”  
– Sanders (1998) [MOND]

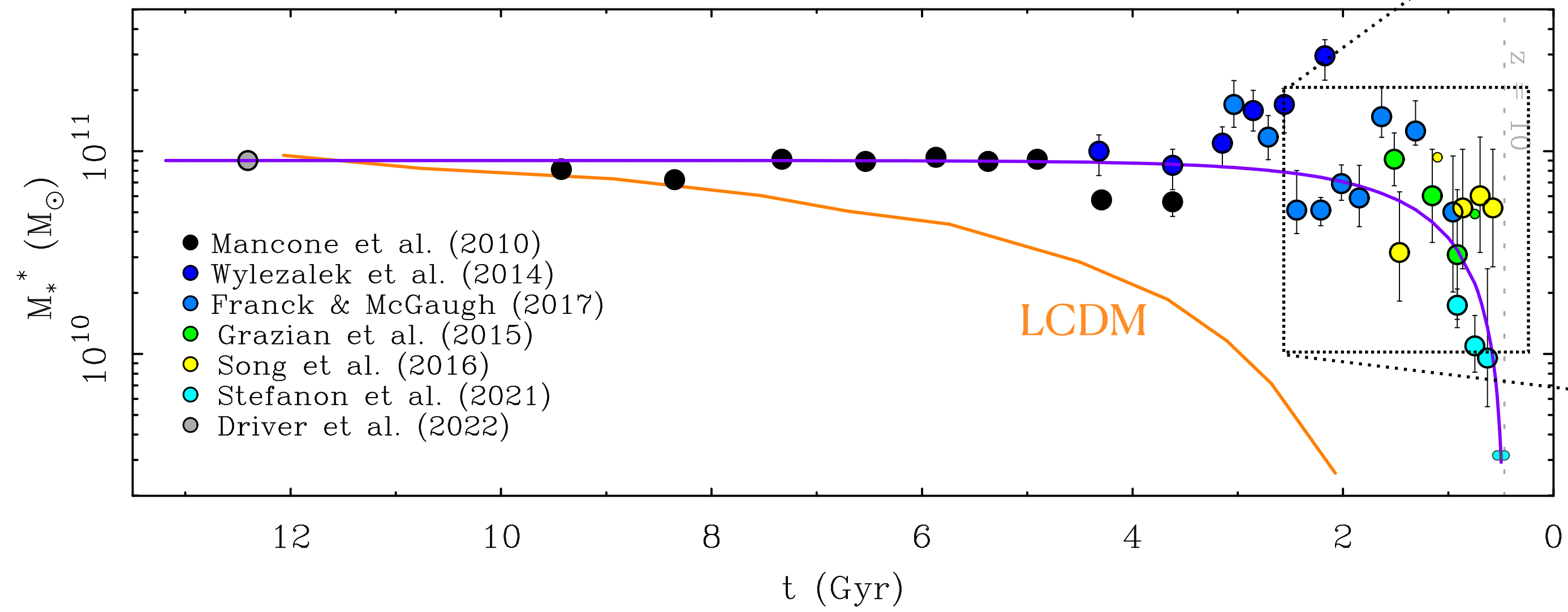
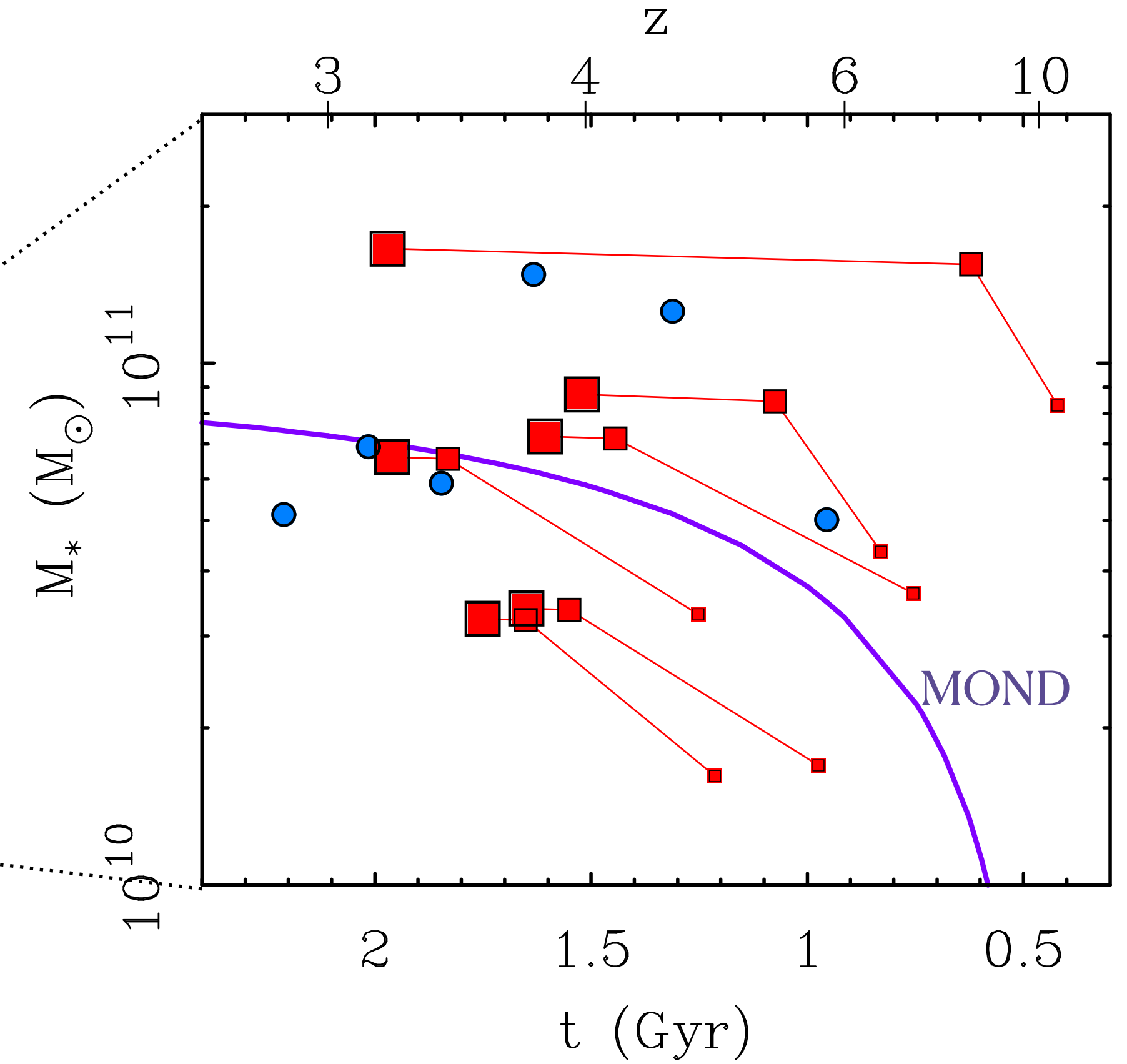
“present-day disks were assembled recently (at  $z<1$ )”  
– Mo, Mao, & White (1998) [LCDM]



Pre-JWST data



JWST data





JWST data

