

The Evolution of Galaxy Merger Rate since $z \sim 1$
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Abstract

Recent observational results from deep extra-galactic surveys show weak evolution in the galaxy merger rate over the last 8 Gyr. Although the observed evolution is weaker than that predicted for the merger rate of isolated dark matter halos, it agrees with recent simulations that track the evolution of galaxy-sized subhaloes. I will discuss the uncertainties in measuring the galaxy merger rate, and the implications for the evolution of red spheroidals and the evolution of IR-luminous galaxies since $z \sim 1$.