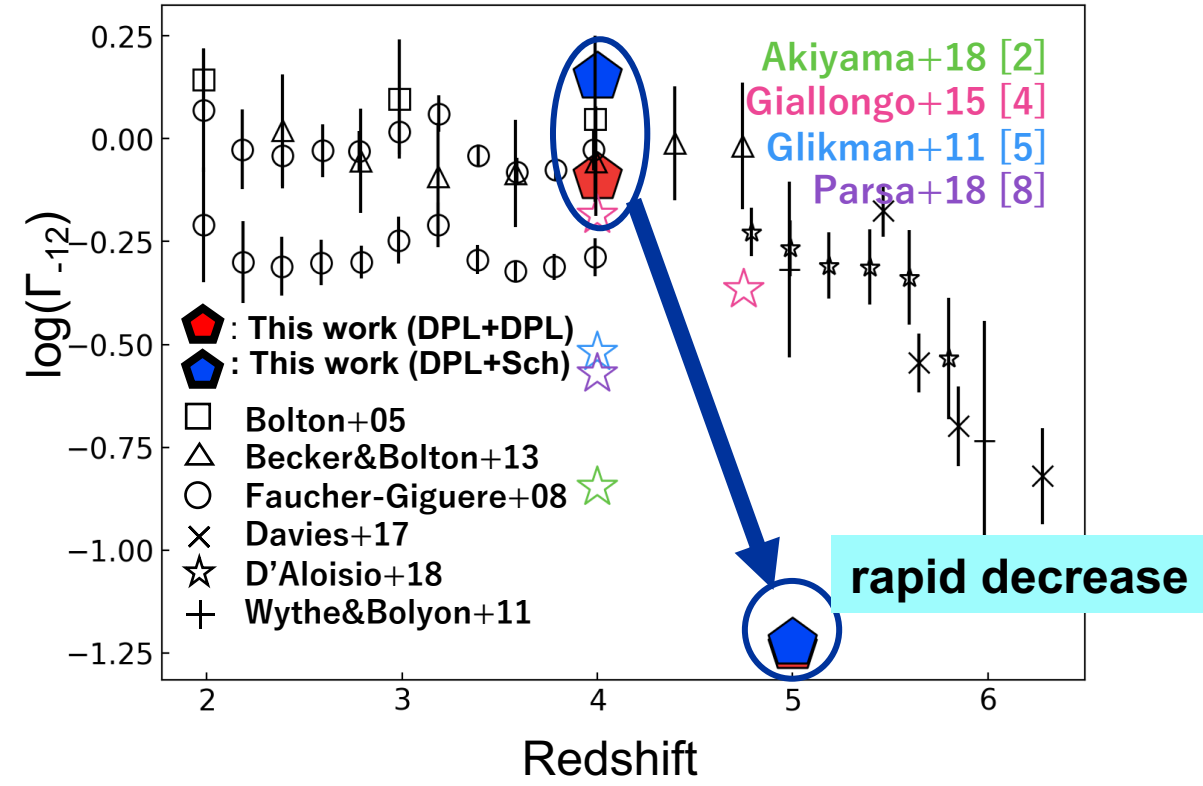
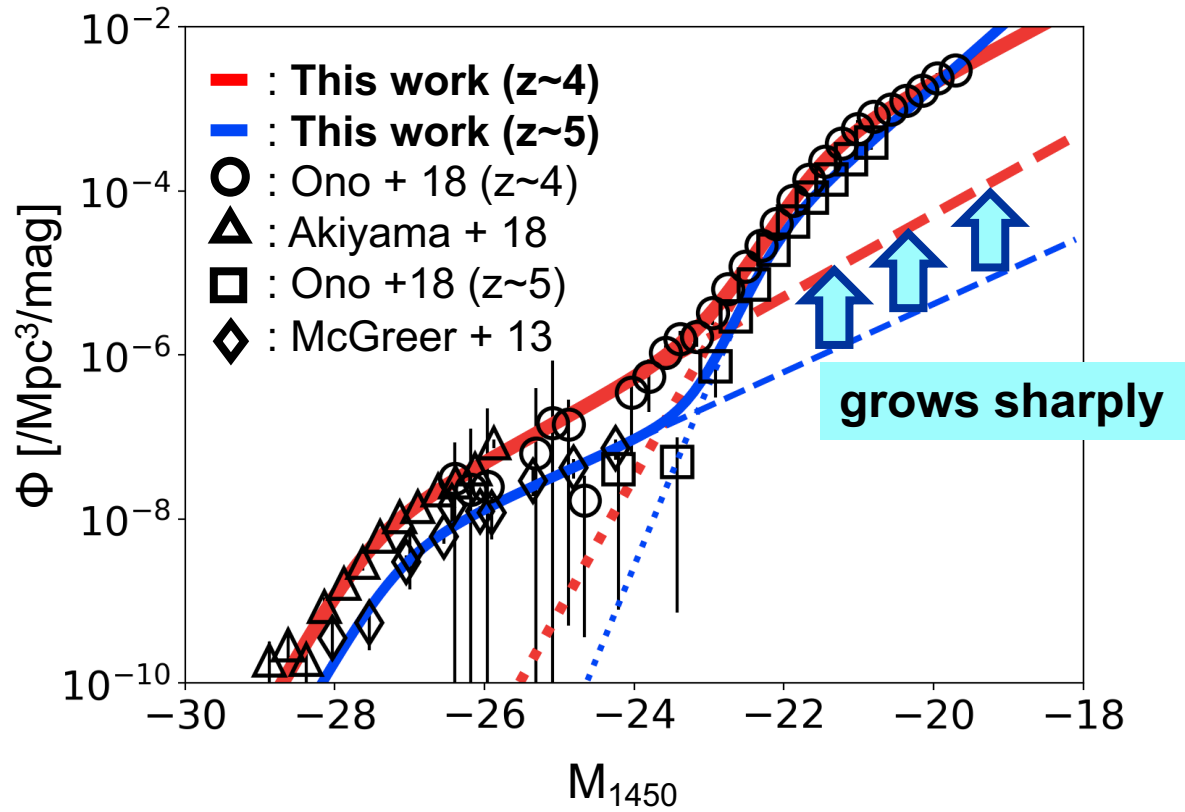


P14: AGN luminosity function in $z \sim 4-5$ with HSC-SSP survey

Karin Shimodate, HSC project 319

★ What are the main contributors to the cosmic reionization, SFGs or AGNs?

We present a joint analysis of luminosity function



If this decreasing trend last to the reionization era, AGNs do not contribute significantly to the cosmic reionization