

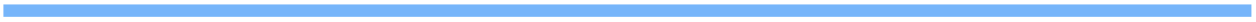




Mass instead-of Mag. !

EAGLE, Horizon-AGN,

IllustrisTNG, Simba...



# The first SMBH mass function at high- $z$

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denser than previous quasar surveys  $\rightarrow$  comparable with large hydro-simulations

EAGLE, Horizon-AGN,

IllustrisTNG, Simba...

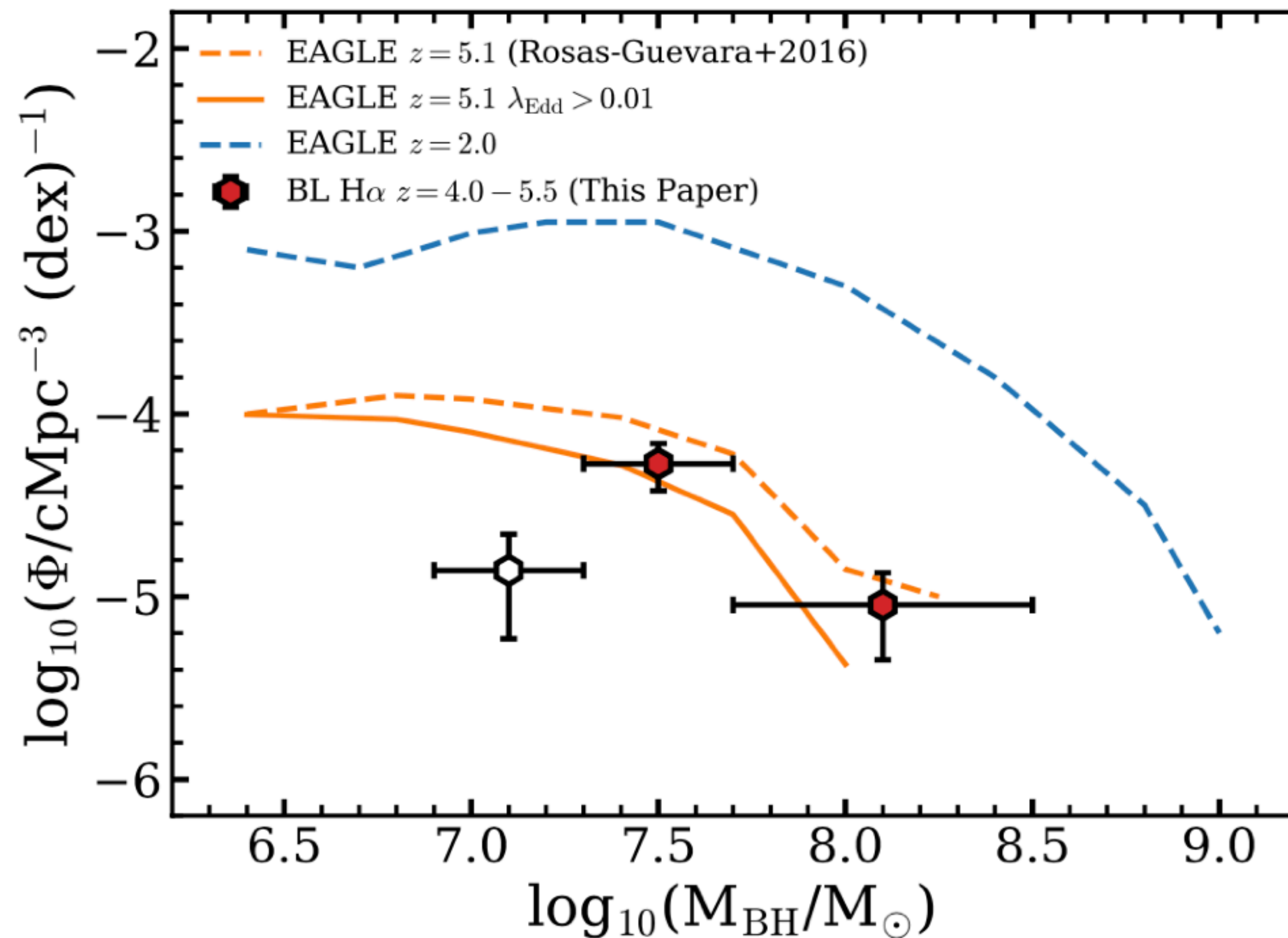
still  $\Phi(M) = \frac{1}{\Delta M} \sum_i \frac{1}{V_{\text{max},i}}$ , but ...

# Mass instead-of Mag. !



# The first SMBH mass function at high- $z$

comparable to model



100 Mpc EAGLE simulation