Mass transfer efficiency  $eta_{
m acc},$   $\mathcal{R}_{0.2}$ Possible location rise in GW - data $10^{2}$ (Farah et al. 2021) (0.0), 14.0(0.25), 24.0 $-1 \mathrm{M}_{\odot}^{-1}]$ (0.5), 31.7 $10^{1}$ (0.75), 34.1(1.0), 39.6 $\frac{d\mathcal{R}}{dM_{\text{chirp}}} \left[ \text{Gpc}^{-3} \text{yr}^{-1} \right]$ Format  $10^{0}$  7 2.5 7.5 10.0 12.5 15.0 5.0 Chirp Mass,  $M_{\rm chirp}$  [M $_{\odot}$ ]