Local merging NS-BH rate

Rate $[\mathrm{Gpc}^{-3}\,\mathrm{yr}^{-1}]$ 10^{-3} 10^{-2} 10^1 10^3 10^{0} 10^2 10^{-1} 10^4 10^5 Gravitational waves Abbott et al. (2021), masses like GW200105 and GW200115 Abbott et al. (2021), broad NS-BH mass distribution Isolated binary evolution Olejak et al. (2021) Dominik et al. (2015) Boco et al. (2019) Klencki et al. (2018) Baibhav et al. (2019) Kruckow et al. (2018) Román-Garza et al. (2021) Artale et al. (2019 Giacobbo and Mapelli (2020) Santoliquido et al. (2020) Mapelli and Giacobbo (2018) Santoliquido et al. (2021) de Mink and Belczynski (2015) Neijssel et al. (2019) Chruslinska et al. (2019) Eldridge et al. (2019) O'Shaughnessy et al. (2010) Belczynski et al. (2020) Ghodla et al. (2021) Giacobbo and Mapelli (2018) Mennekens and Vanbeveren (2014) Broekgaarden et al. (2021) Zevin et al. (2020) Tang et al. (2020) Chemically homogeneous evolution Marchant et al. (2017)

♣ Population III stars ♦ Belczynski et al. (2017) **Triples** Fragione and Loeb (2019a,b) Hamers and Thompson (2019) Globular clusters Arca Sedda et al. (2020) Clausen et al. (2013) Ye et al. (2020) Nuclear star clusters ◀Arca Sedda et al. (2020) Wang et al. (2020) Petrovich and Antonini et al. (2017) Stephan et al. (2019) McKernan et al. (2020)Young/Open stellar clusters Ziosi et al. (2014) Rastello et al. (2020) Santoliquido et al. (2020) 10^{-2} 10^0 10^2 10^3 10^{-1} 10^4 10^5 Rate $[\mathrm{Gpc}^{-3}\,\mathrm{yr}^{-1}]$