Local merging NS-BH rate

Rate $[\mathrm{Gpc}^{-3}\,\mathrm{yr}^{-1}]$ 10^{-2} 10^{-3} 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 Ghodla et al. (2021) Tang et al. (2020) Eldridge et al. (2019) Mennekens and Vanbeveren (2014) Kruckow et al. (2018) Broekgaarden et al. (2021) • Neijssel et al. (2019) Zevin et al. (2020) Santoliquido et al. (2021) Santoliquido et al. (2020) Giacobbo and Mapelli (2020) Mapelli and Giacobbo (2018) Giacobbo and Mapelli (2018) Baibhay et al. (2019) Artale et al. (2019) Román-Garza et al. (2021) Boco et al. (2019) O'Shaughnessy et al. (2010) Klencki et al. (2018) Dominik et al. (2015) de Mink and Belczynski (2015) Belczynski et al. (2020) Chruslinska et al. (2019) 🌗 Olejak et al. (2021) Chemically homogeneous evolution ◀ Marchant et al. (2017) Population III stars • Belczynski et al. (2017) **Triples** Hamers and Thompson (2019) Fragione and Loeb (2019a,b) Globular clusters Arca Sedda et al. (2020) Ye et al. (2020) **♦** Clausen et al. (2013) Nuclear star clusters Petrovich and Antonini et al. (2017) Stephan et al. (2019) ◀Arca Sedda et al. (2020) McKernan et al. (2020)Wang et al. (2020) Young/Open stellar clusters Rastello et al. (2020) Santoliquido et al. (2020) 🛊 Ziosi et al. (2014) 10^{-2} 10^{-1} 10^0 10^2 10^3 10^{-3} 10^4 10^5 Rate $[\mathrm{Gpc}^{-3}\,\mathrm{yr}^{-1}]$