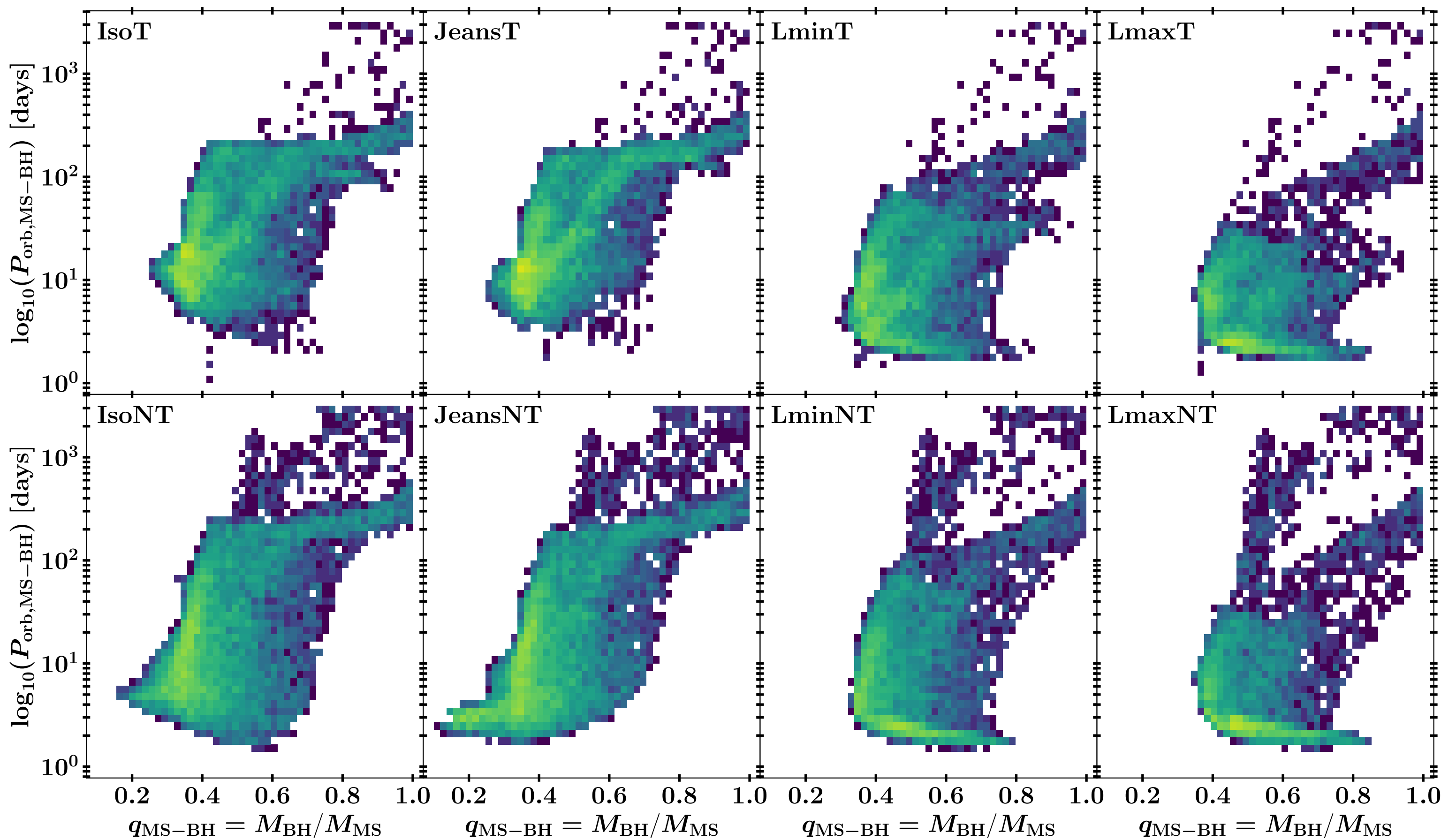
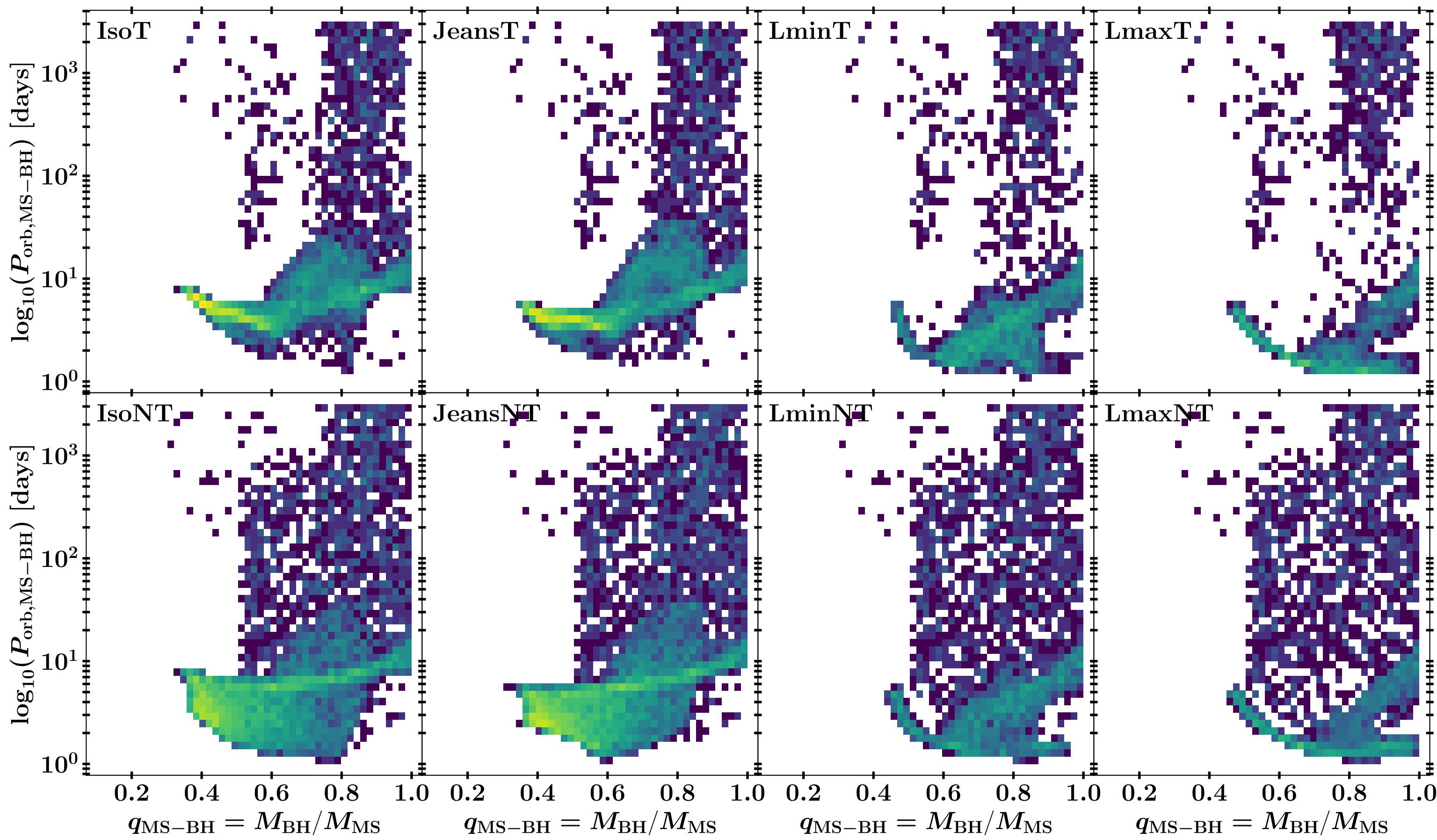


$Z = 0.00142$



$Z = 0.000142$



Number of MS-BH evolving as BBH with $M_{\text{MS}} \approx 40 M_{\odot}$