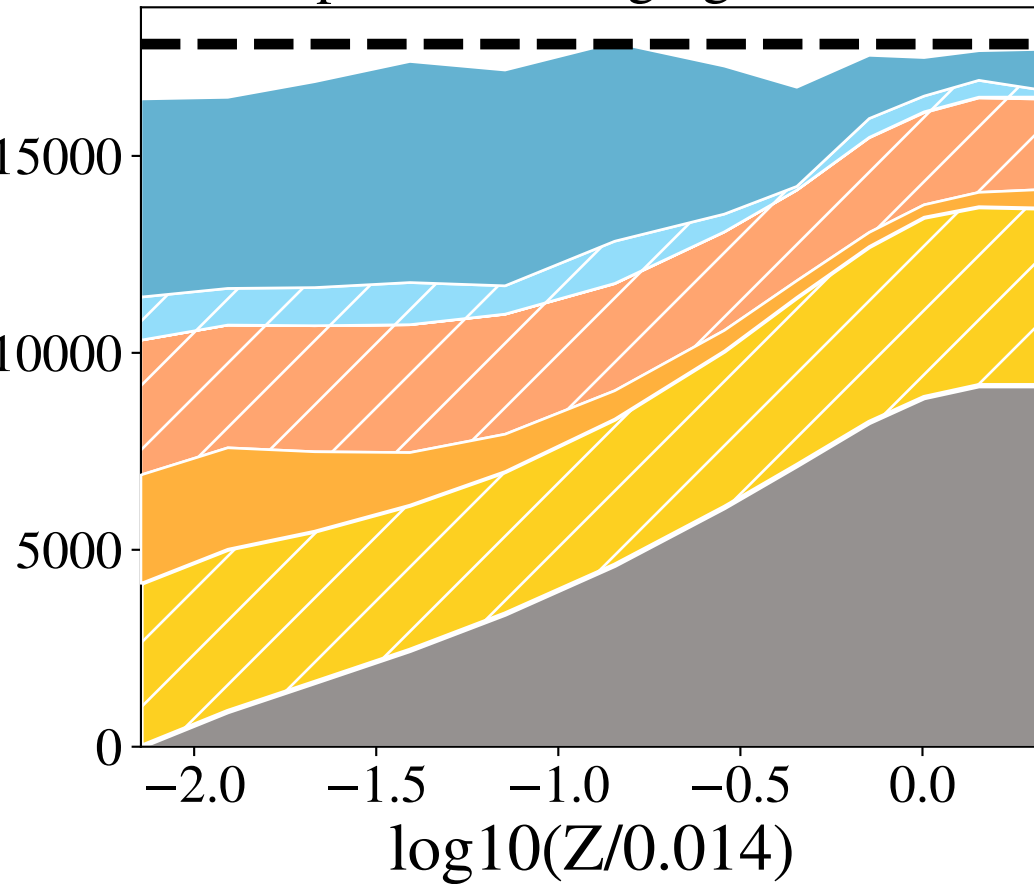
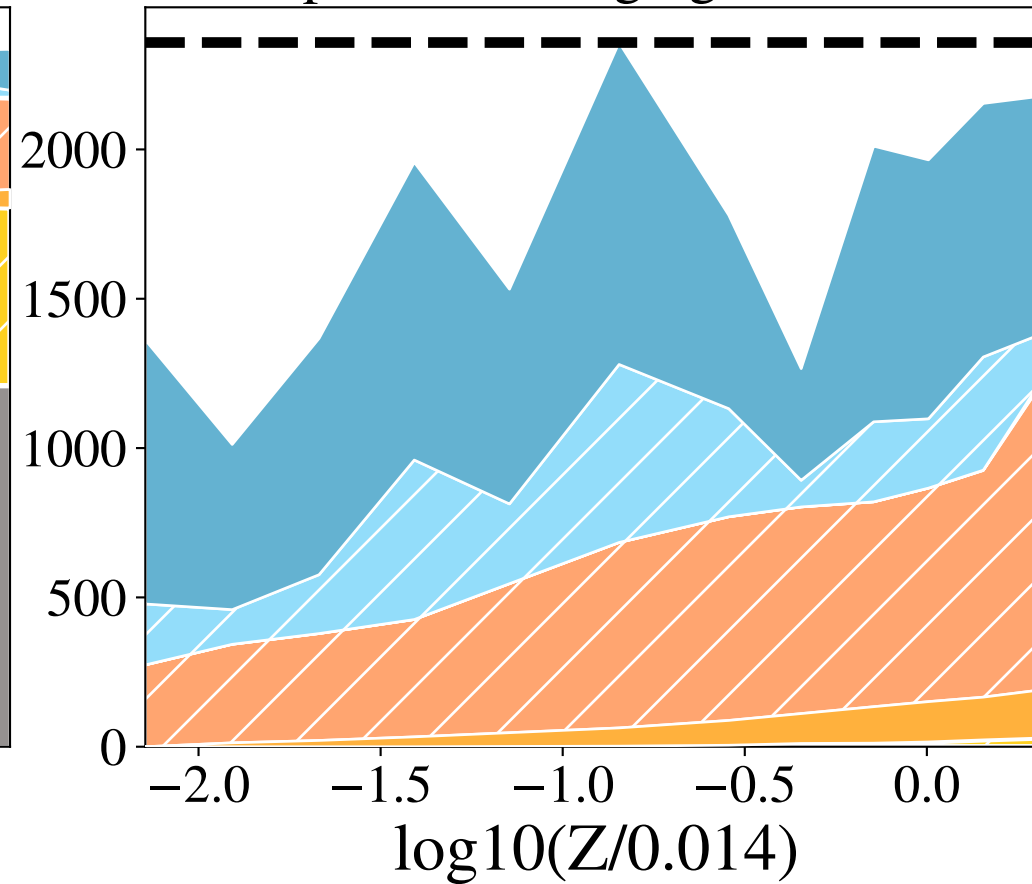


N first mass transfer

potential merging BBH



potential merging BHNS



potential merging NSNS

