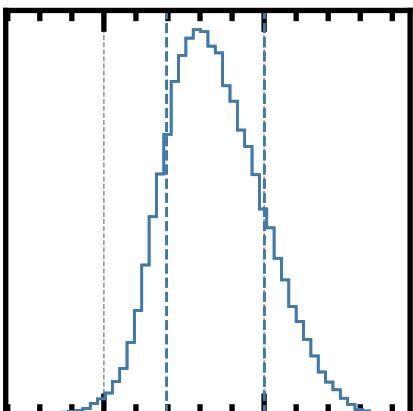
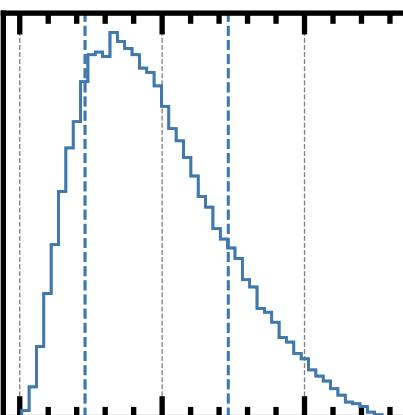
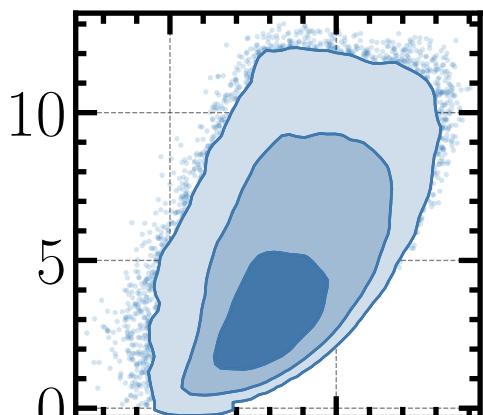
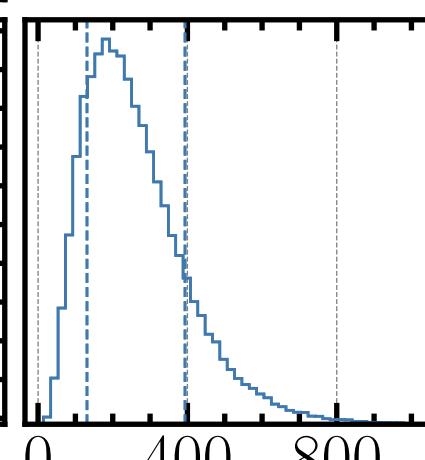
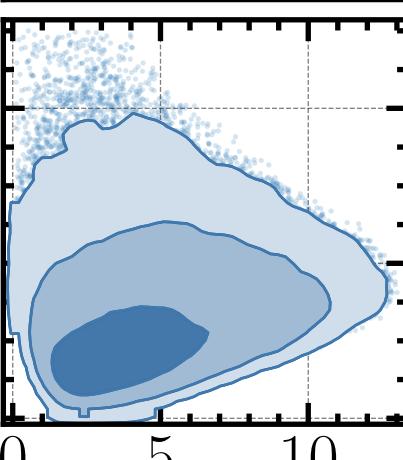
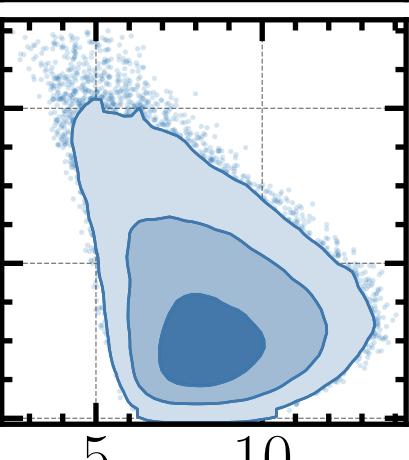


$8.34^{+1.67}_{-1.38}$ 

Observational Constraints

 $50 < v_{\text{sys}}/\text{[km/s]} < 80$ $2 < P_{\text{post-SN}}/\text{[day]} < 5$ $4.38^{+2.94}_{-2.09}$  $237.26^{+156.31}_{-106.23}$ $v_{\text{kick}} \text{ (km/s)}$ $v_{\text{kick}} \text{ (km/s)}$  $m_{1,\text{pre-SN}} \text{ (M}_\odot\text{)}$ $P_{\text{pre-SN}} \text{ (days)}$ $v_{\text{kick}} \text{ (km/s)}$