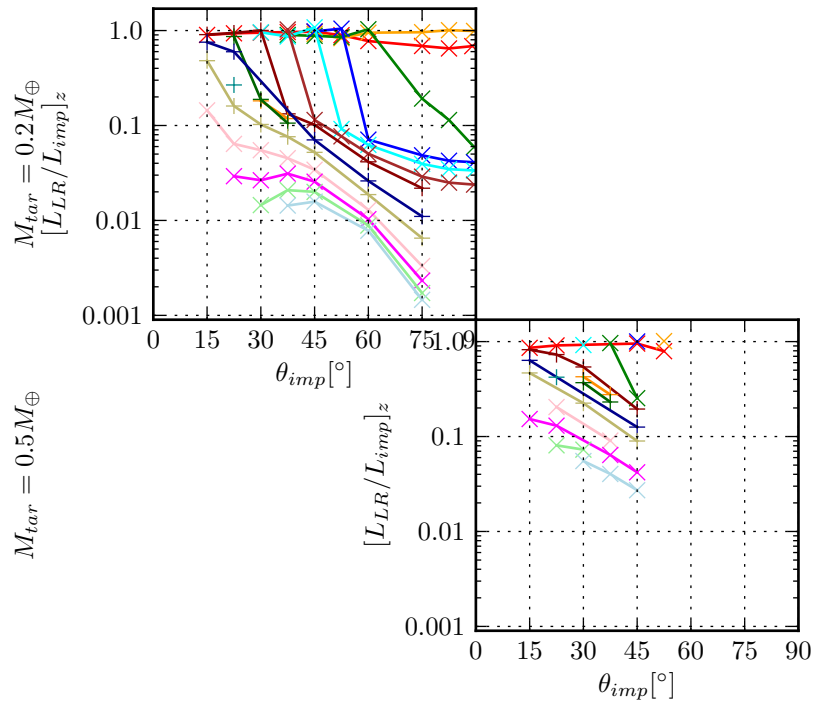


r3

 $\gamma = 0.50$  $\gamma = 0.20$  $\gamma = 0.10$  $M_{tar} = 1.0 M_{\oplus}$ 