

r3

 $\gamma = 0.50$  $\gamma = 0.20$  $\gamma = 0.10$  $M_{tar} = 0.2 M_{\oplus}$  $M_{tar} = 0.5 M_{\oplus}$  $M_{tar} = 1.0 M_{\oplus}$  $\xi$  $\xi$  $\xi$  $\theta_{imp} [^{\circ}]$  $\theta_{imp} [^{\circ}]$  $\theta_{imp} [^{\circ}]$  $v_{imp}/v_{esc}$ 