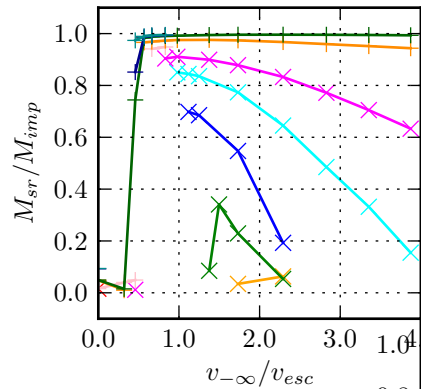
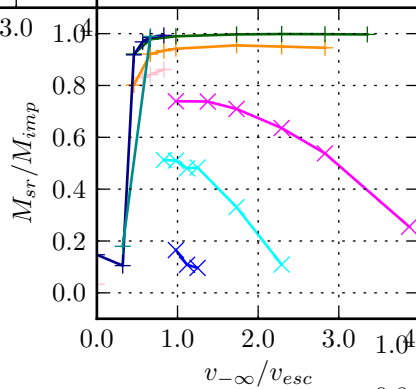
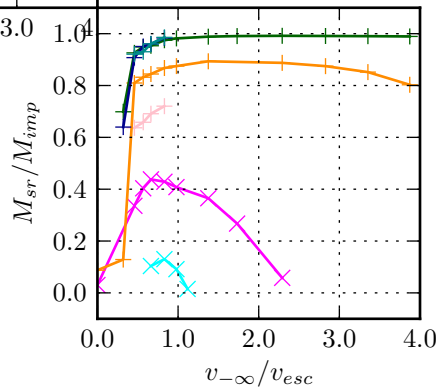


r3

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

- 0°
- 15°
- 22°
- 30°
- 38°
- 45°
- 52°
- 60°
- 75°
- 82°
- 89°
- 90°