Lorentz Factor Profile ($t\!=\!1.00s$, $\Gamma_{A}=\!50.00$, $k\!=\!0.0$, $\sigma\!=\!02.0^{\circ}$) $\Theta_v = 00.0^{\circ} \mid \kappa = 1.0$ $\Theta_v = 02.0^{\circ} | \kappa = 1.0$ $\Theta_v = 06.0^{\circ} | \kappa = 1.0$ 0.0 10⁵ 0.2 0.4 0.6 8.0 10^{4} 1.0 $\Theta_v = 00.0^{\circ} | \kappa = 3.0$ $\Theta_v=\!02.0\,^\circ\,|\ \kappa=\!3.0$ $\Theta_v=\!06.0\,^\circ\,|\ \kappa\!=\!3.0$ 0.0 0.2 10³ $y\!=\!R/R_l$ 0.4 0.6 0.8 10² 1.0 $\Theta_v = 00.0^{\circ}$ | $\kappa = 10.0$ $\Theta_v = 06.0^{\circ} | \kappa = 10.0$ $\Theta_v = 02.0^{\circ} | \kappa = 10.0$ 0.0 0.2 10^{1} 0.4 0.6 8.0 10⁰ 1.0 0.0 0.1 0.2 0.2 0.1 0.0 0.1 0.2 0.2 0.1 0.0 0.1 0.2

 R_{\perp}/R_{l}