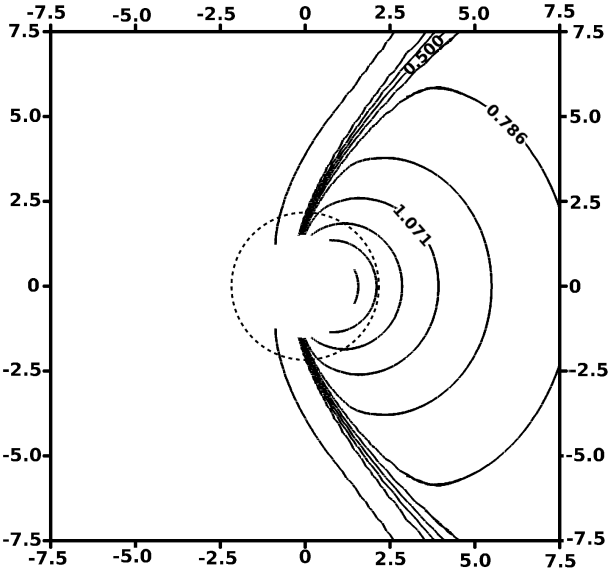
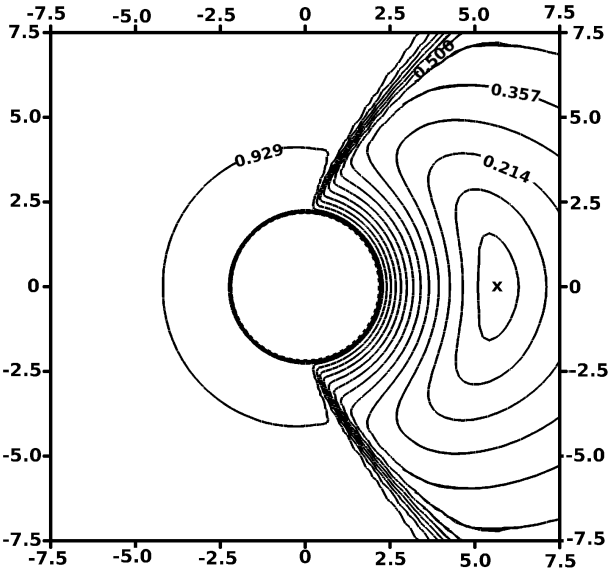


(a) Plot of $\log_{10}(\rho)$.



(b) Plot of $\sqrt{v^2}$, evaluated in Boyer-Lindquist coordinates, so that the contours cannot be calculated inside the horizon. The stagnation point is marked.