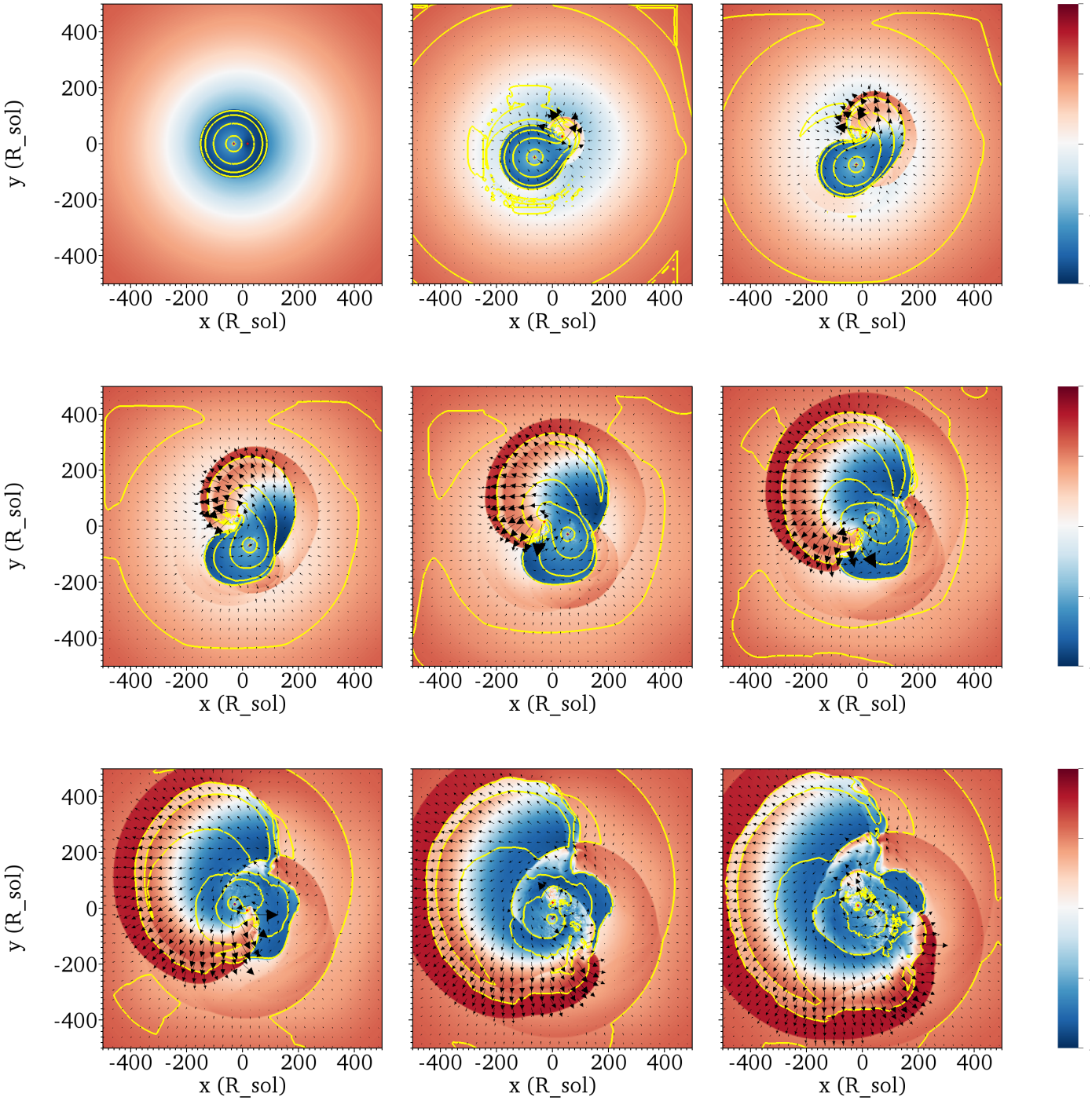

Figure 1: **Bound vs Unbound with density contours and velocity vectors** Color shows $(\mathcal{E}_{\rm internal} + \mathcal{E}_{\rm kinetic} + \mathcal{E}_{\rm pot})/\max(\mathcal{E}_{\rm internal} + \mathcal{E}_{\rm kinetic}, -\mathcal{E}_{\rm pot})$, Red means unbound while blue means bound. Snapshots show $t = 0$, 10, 20, 30, 40, 50, 60, 70 and 77 d (last frame of simulation). Contours show the density from $\rho = 10^{-4}\,{\rm g\,cm^{-3}}$ downward in Logarithmic intervals of 1 dex. Frame of reference is that of the simulation with the particle CM located at the center in each plot, with softening spheres shown in purple and red for particles 1 and 2, respectively.