





Figure 1: Bound vs Unbound with density contours and velocity vectors Color shows $(\mathcal{E}_{\text{internal}} + \mathcal{E}_{\text{kinetic}} + \mathcal{E}_{\text{pot}})/\max(\mathcal{E}_{\text{internal}} + \mathcal{E}_{\text{kinetic}}, -\mathcal{E}_{\text{pot}})$, Red means unbound while blue means bound. Snapshots show t = 0, 10, 20, 30, 40, 50, 60, 70 and 80 d. Contours show the density from $\rho = 10^{-4} \text{ g cm}^{-3}$ 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.



Figure 2: As above for t = 90, 100, 110, 120, 130, 140, 150, 160 and 170 d.



Figure 3: As above for t = 180, 190, 200, 210, 220, 230, 240, 250 and 260 d.



Figure 4: As above for t = 270, 280, 290, 300, 310, 320, 330, 340 and 350 d.



Figure 5: As above for t = 360, 370, 380, 390, 400, 410, 420, 430 and 440 d.



Figure 6: As above for t = 450, 460, 470, 480, 490, 500, 510, 520 and 530 d.



Figure 7: As above for t = 540, 550, 560, 570, 580, 590, 600, 610 and 620 d.



Figure 8: As above for t = 630, 640, 650 and 656 d.