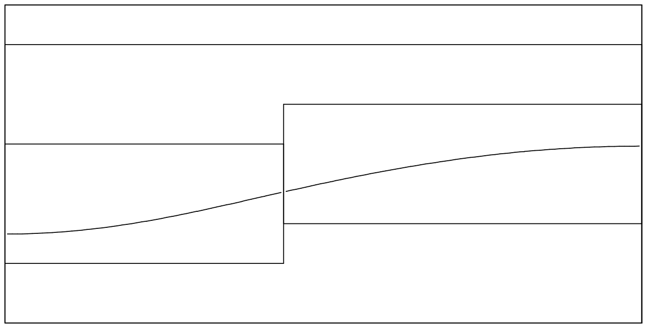
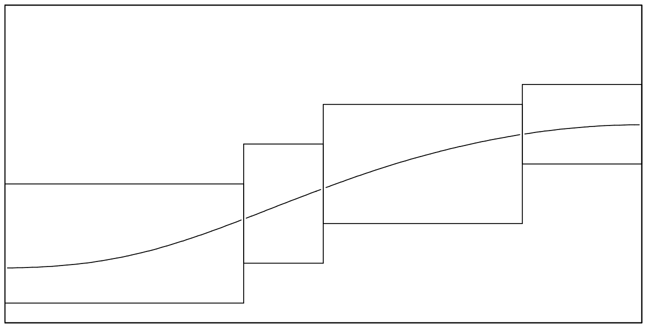
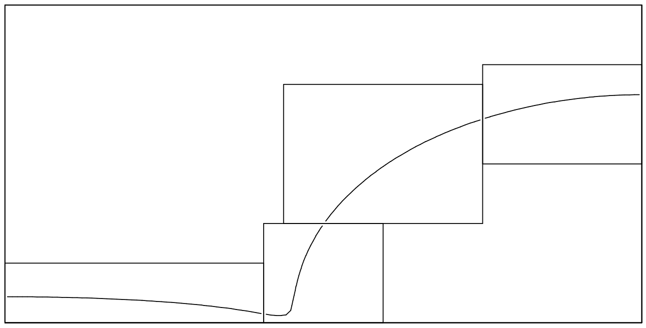


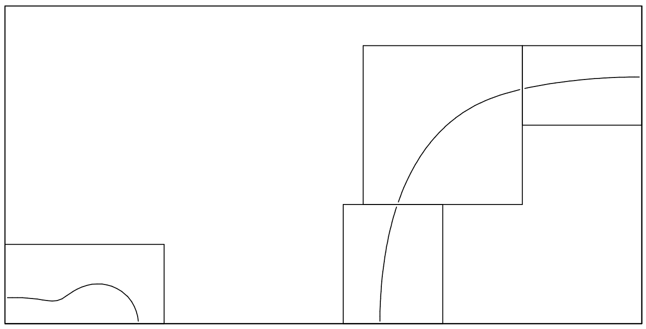
t=6.2 micro sec.



t=9.6 micro sec.



t=12.4 micro sec.



t=13.4 micro sec.

Figure 2: The same computation as in Figure 1 made with adaptive mesh refinement. Here the coarse grid is 16x32 and there are two levels of finer grids each a factor of two finer than the previous coarse grid. Thus, the effective fine grid is 64x128, which is the same as the single grid computation in the Figure 1, but the amount of work required to make the adaptive computation is less. We attribute differences between the two computations to not having enough of a buffer of fine grid cells about the interface in the liquid region. We are currently studying this issue.