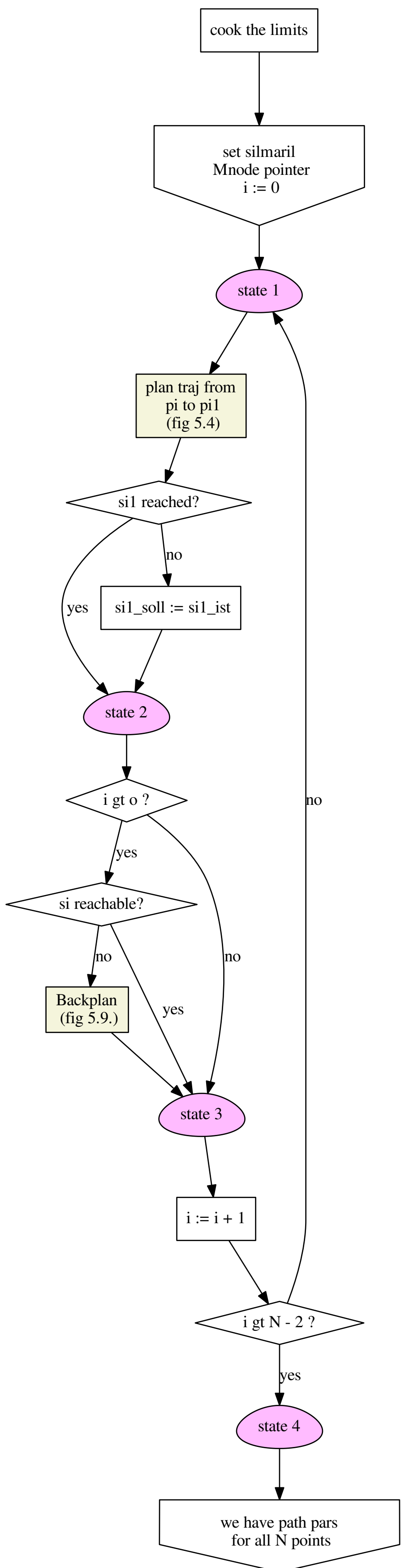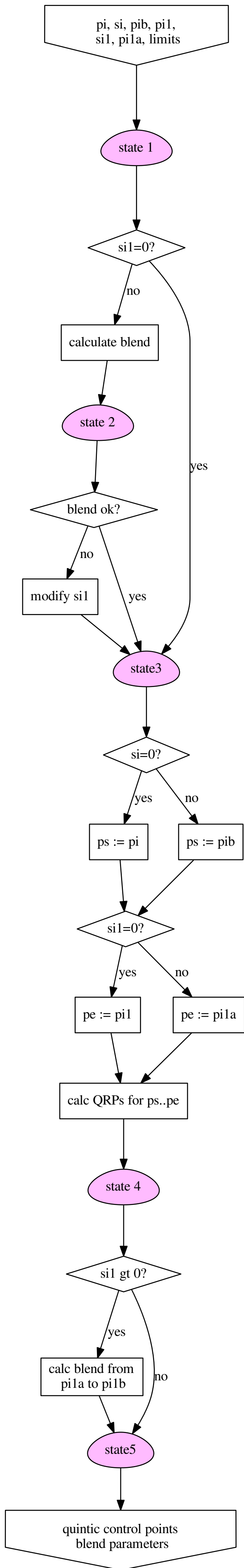figure 5.8