Figure 3.2: Equation of state for the WCA system in the melting region, for $N = 8064$ (diamonds), $N = 3584$ (squares), and $N = 896$ (circles).
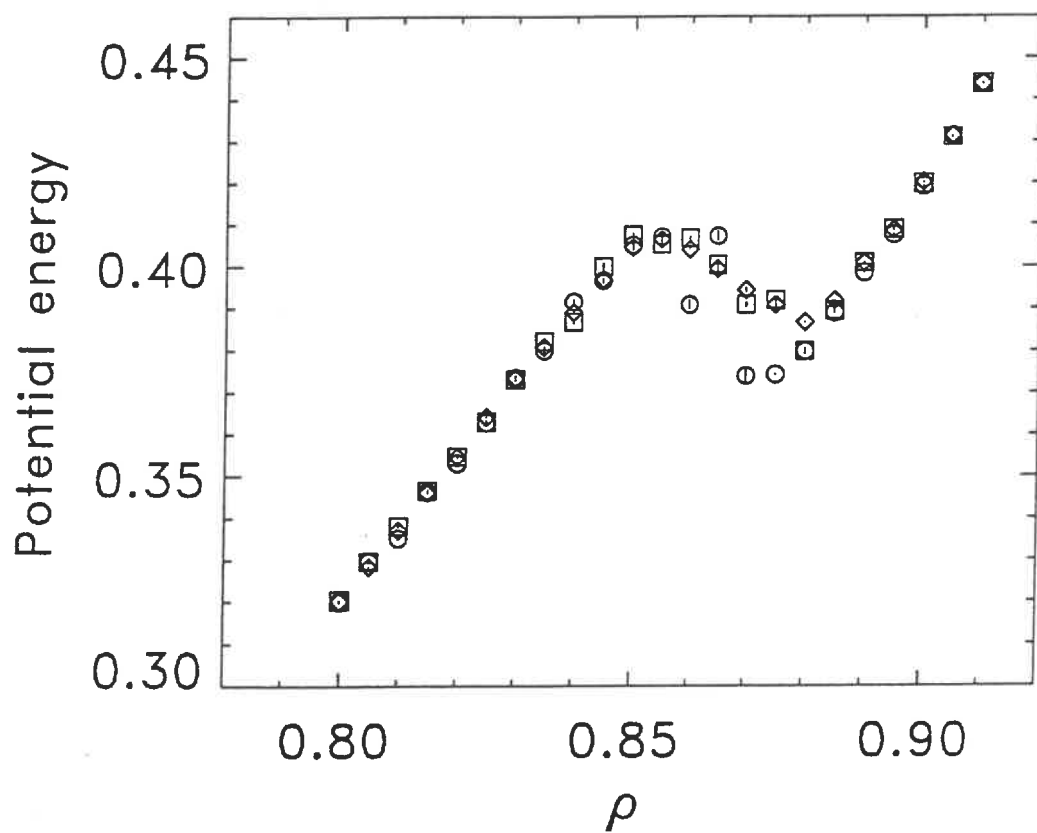
Figure 3.4: Potential energy per particle for the WCA system in the melting region, for $N = 8064$ (diamonds), $N = 3584$ (squares), and $N = 896$ (circles).