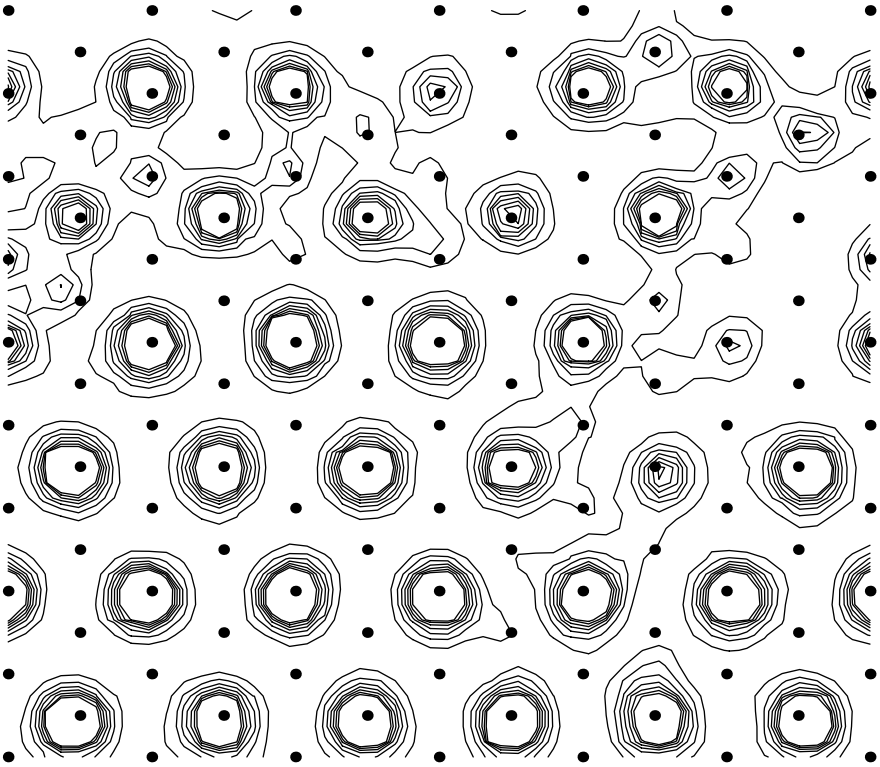
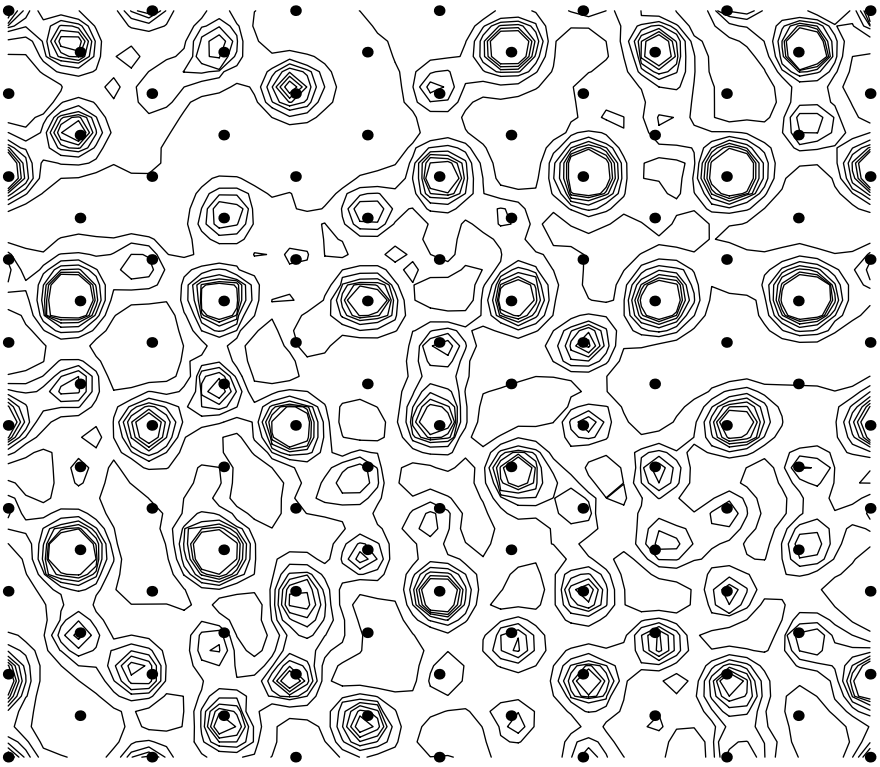
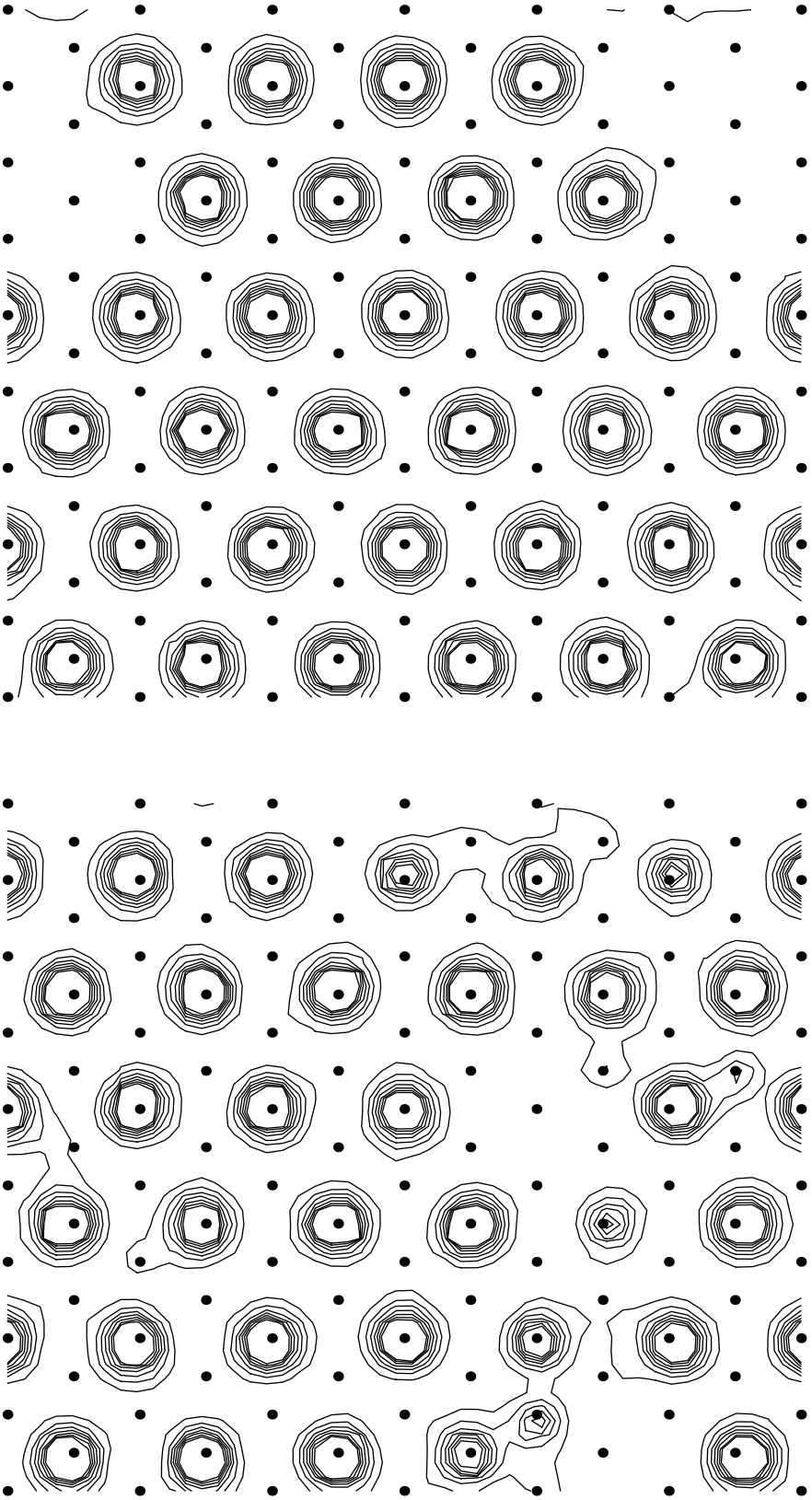
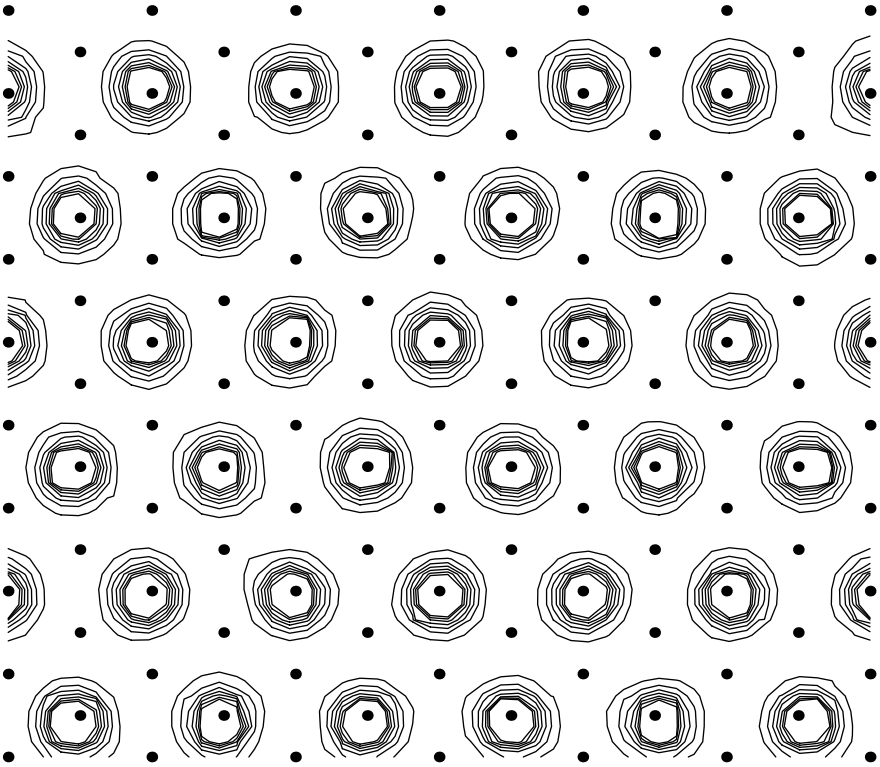
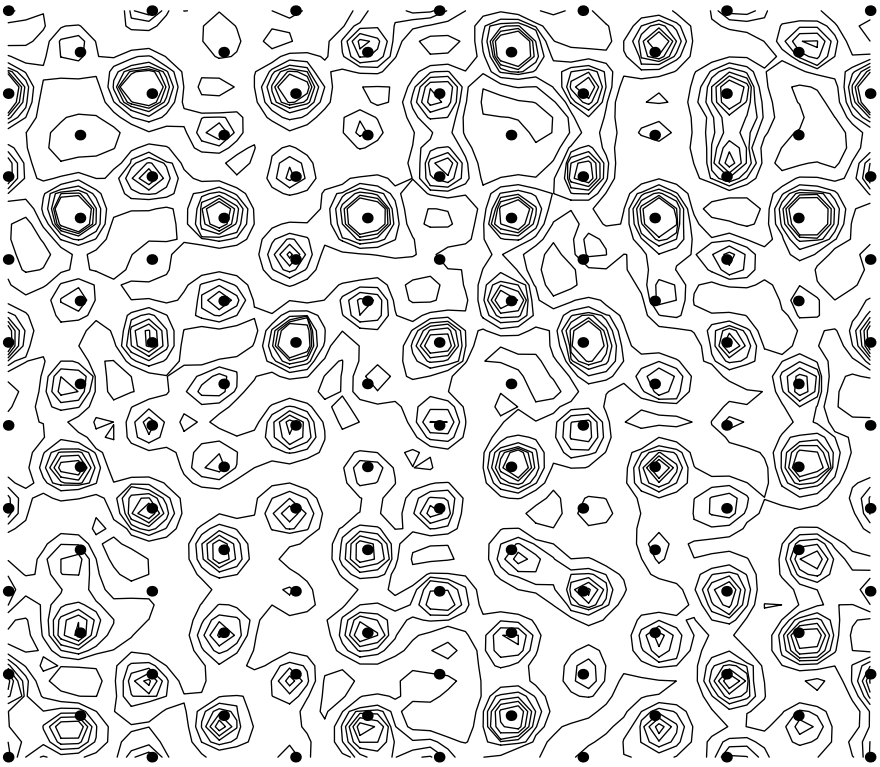
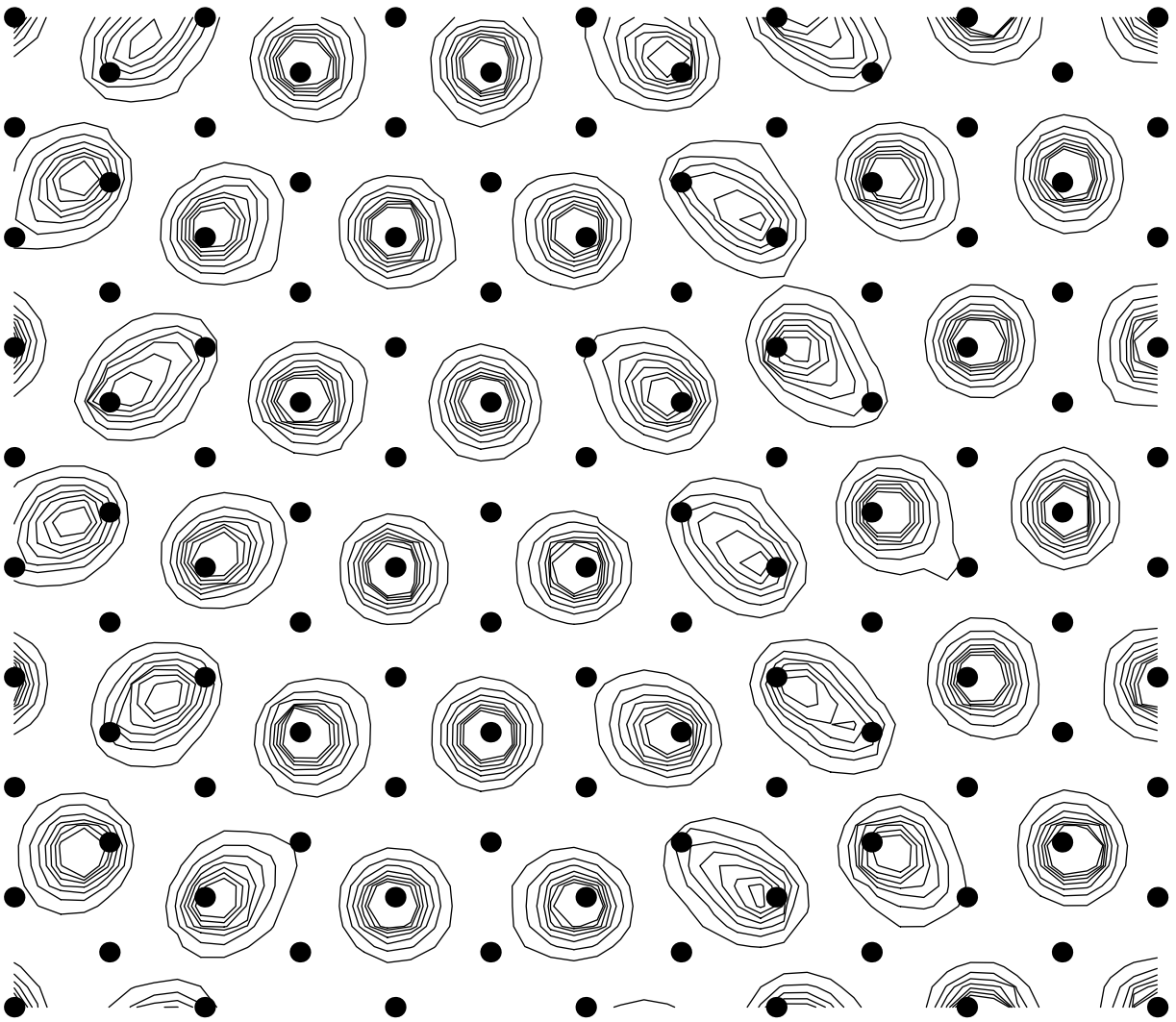


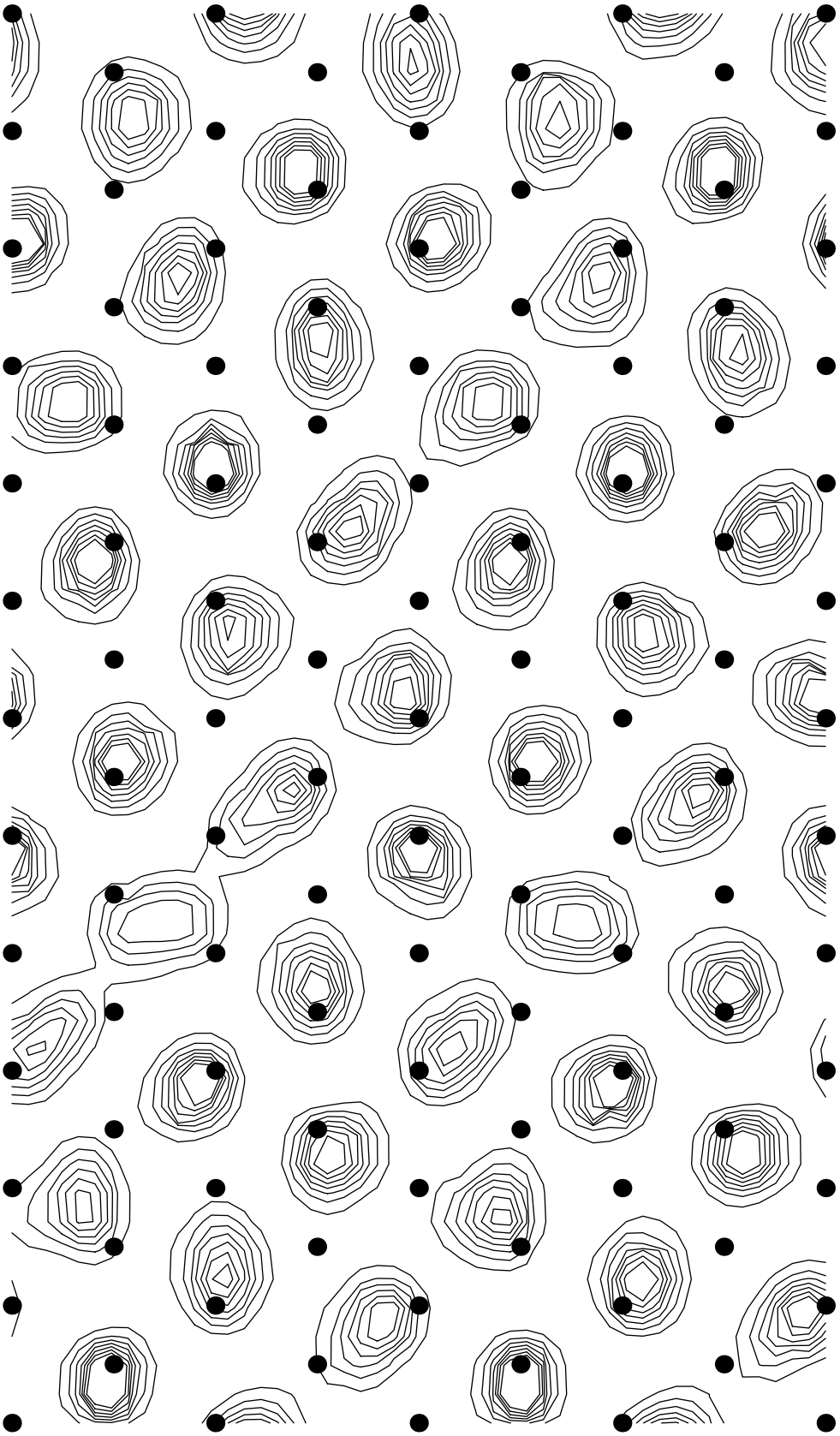


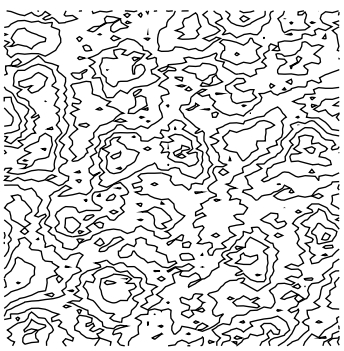


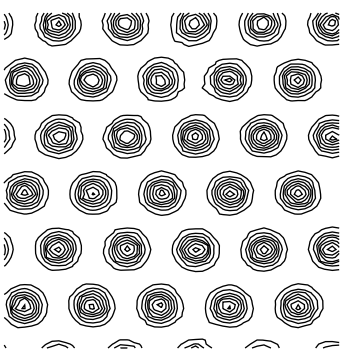


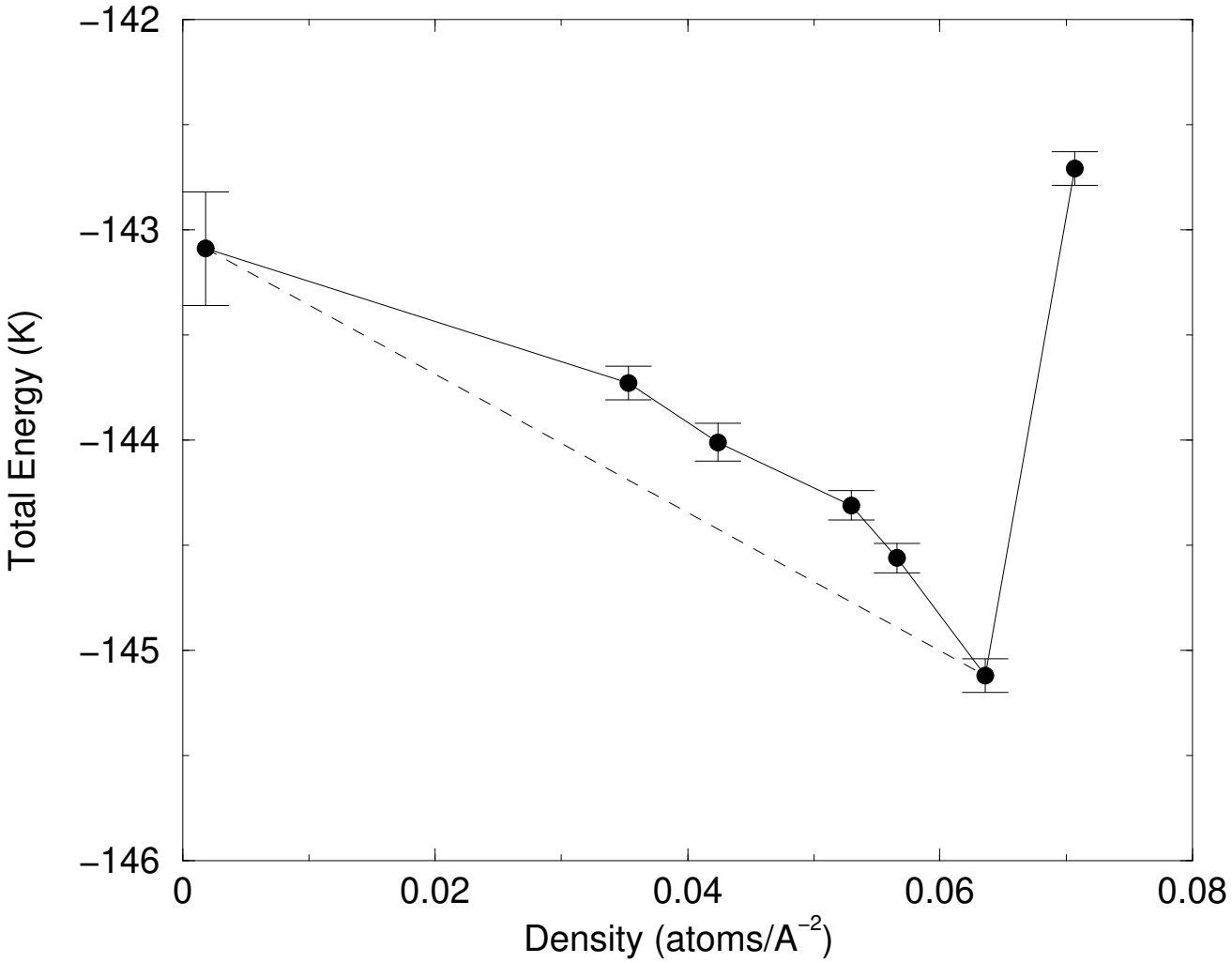


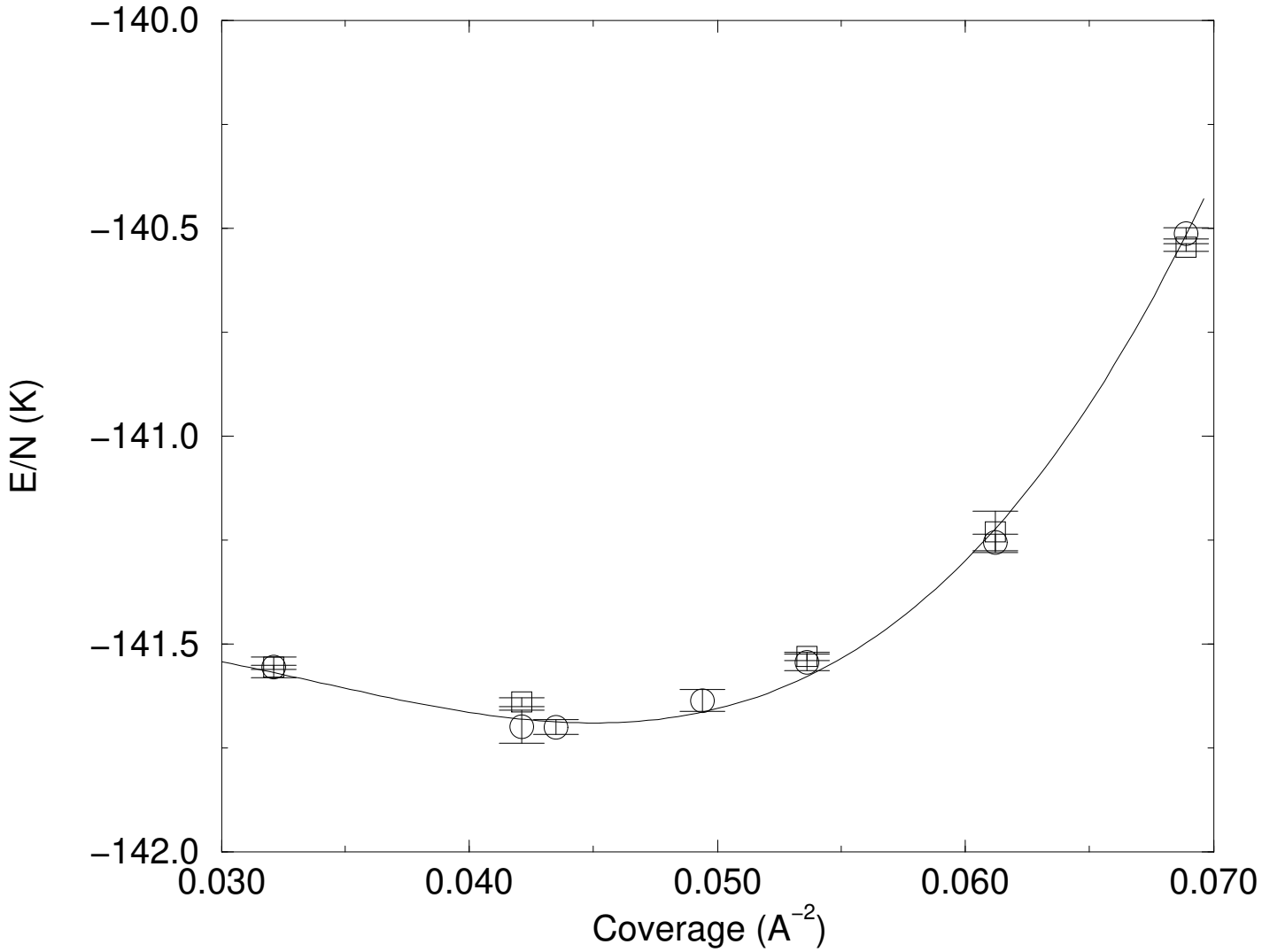


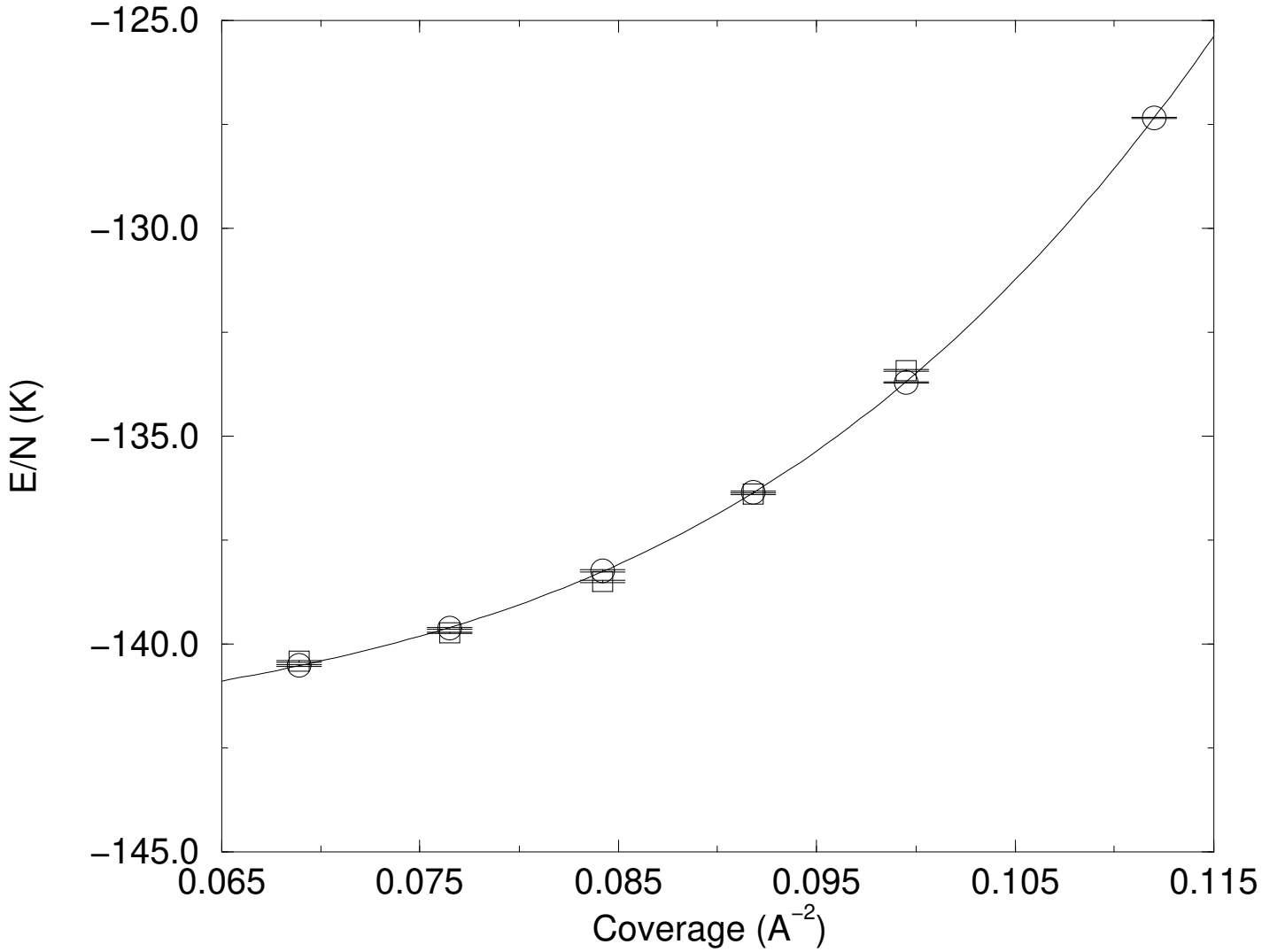


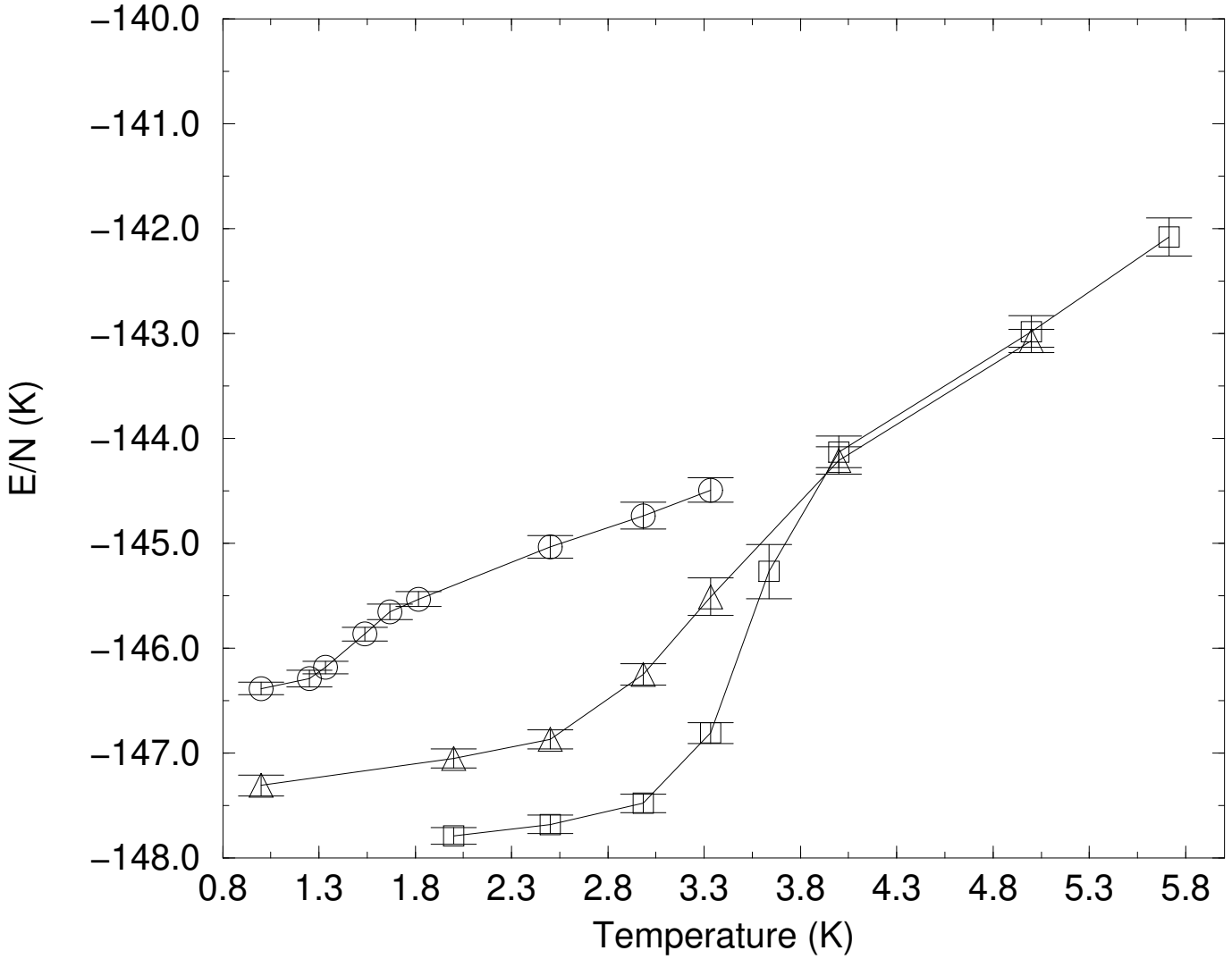


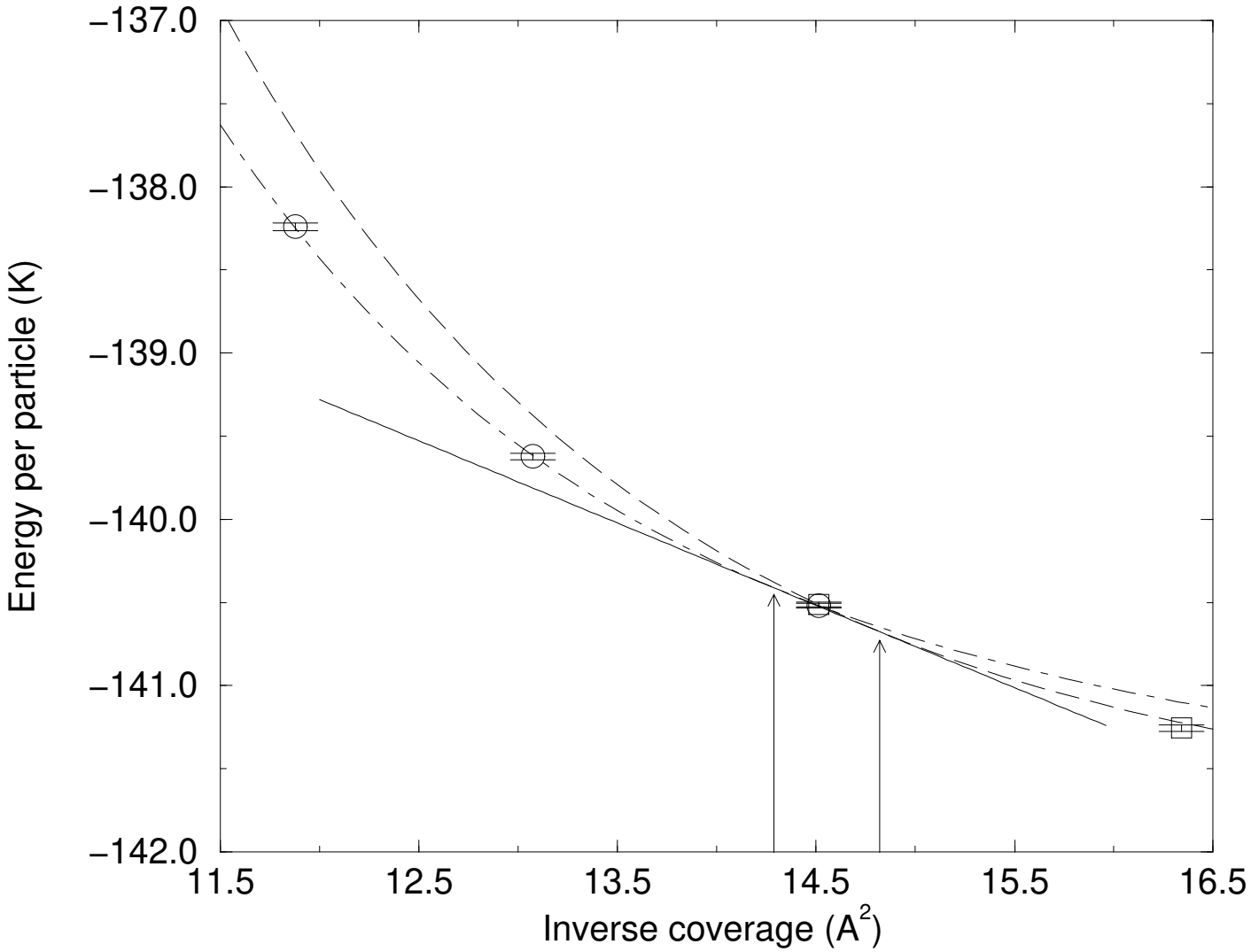


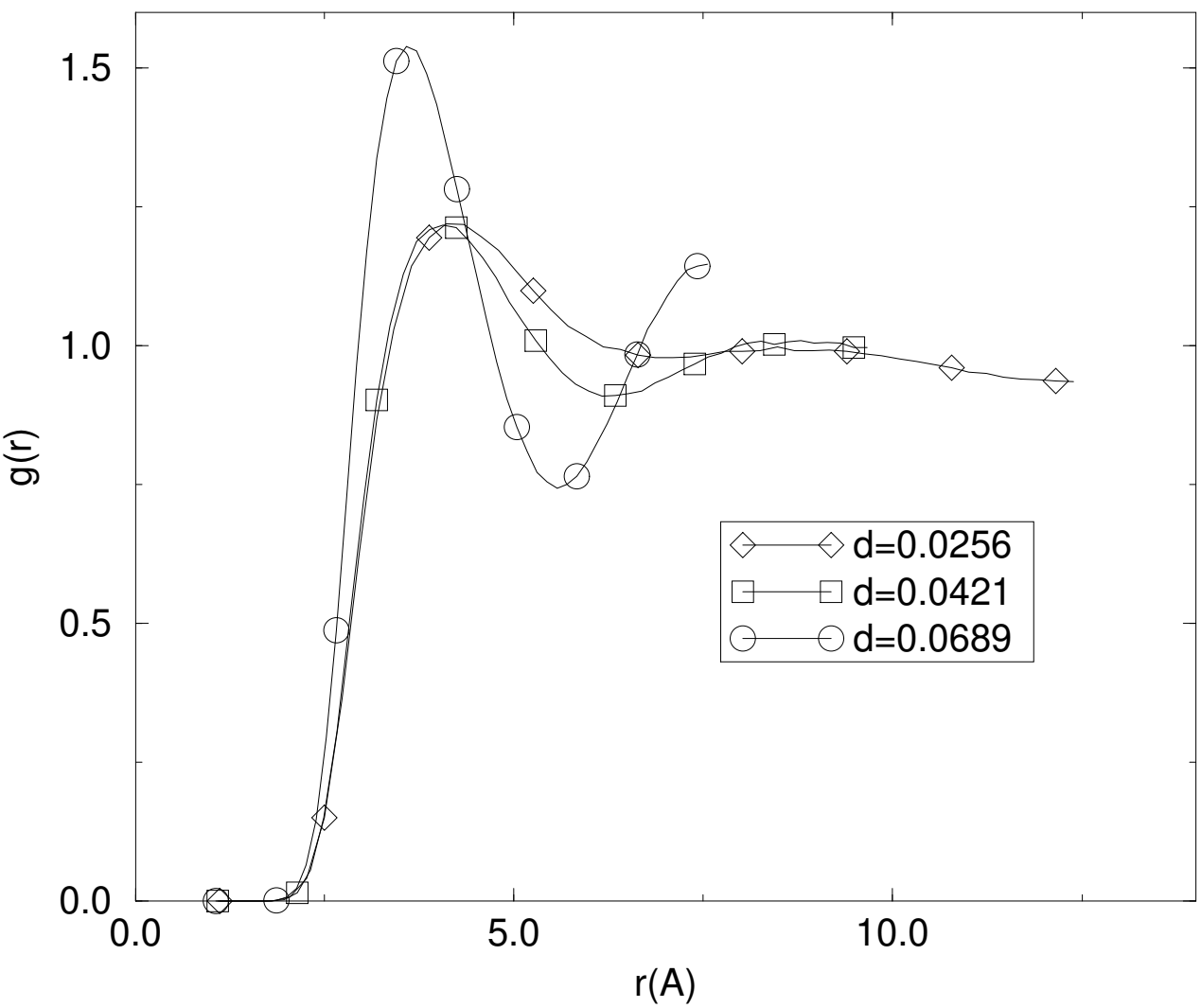

−142
−143
−144
−145
−146
Total Energy (K)
0
0.02
0.04
0.06
0.08
Density (atoms/A^{-2})

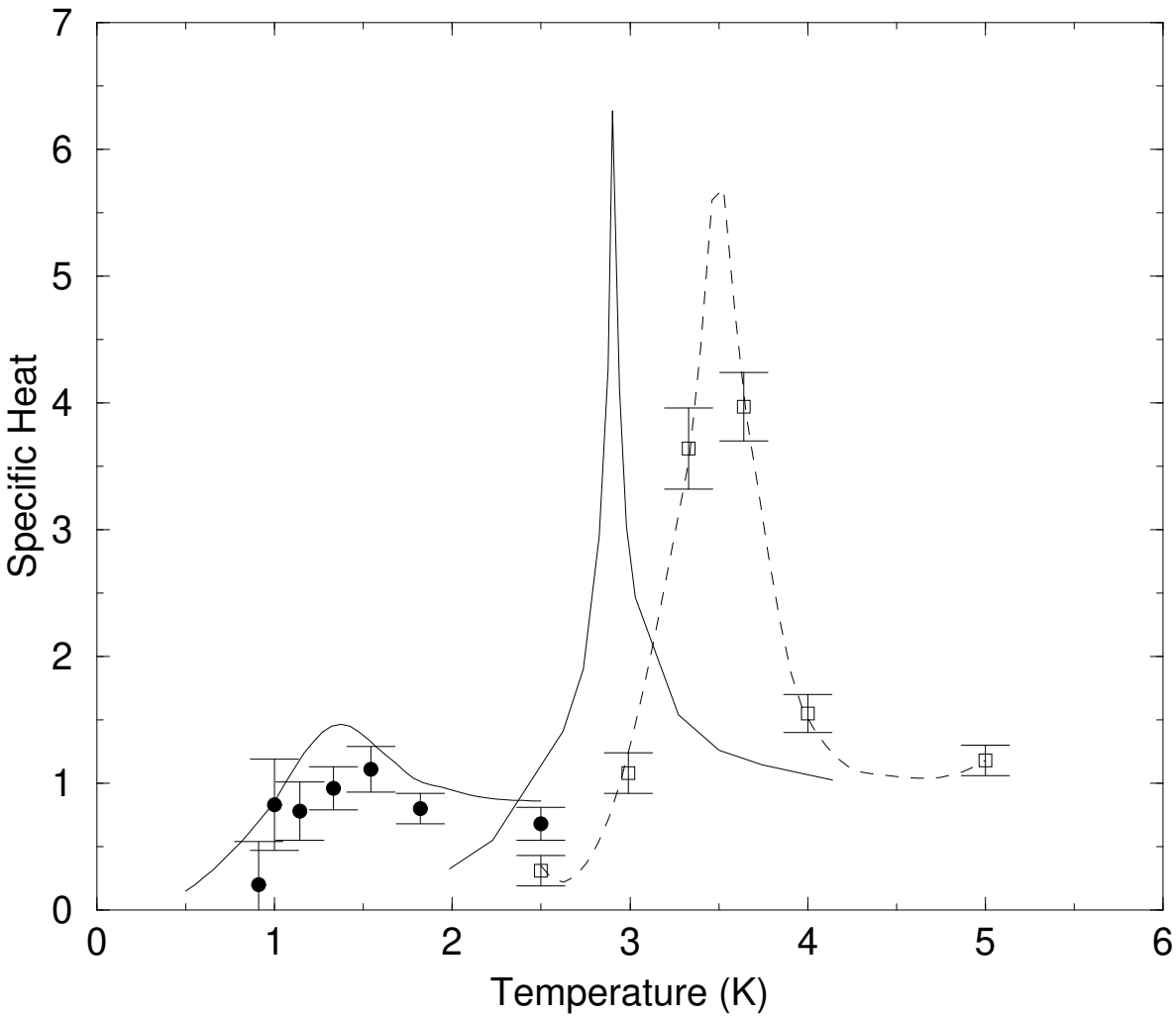

−140.0
−140.5
−141.0
−141.5
−142.0
E/N (K)
0.030
0.040
0.050
0.060
0.070
Coverage (A^{-2})

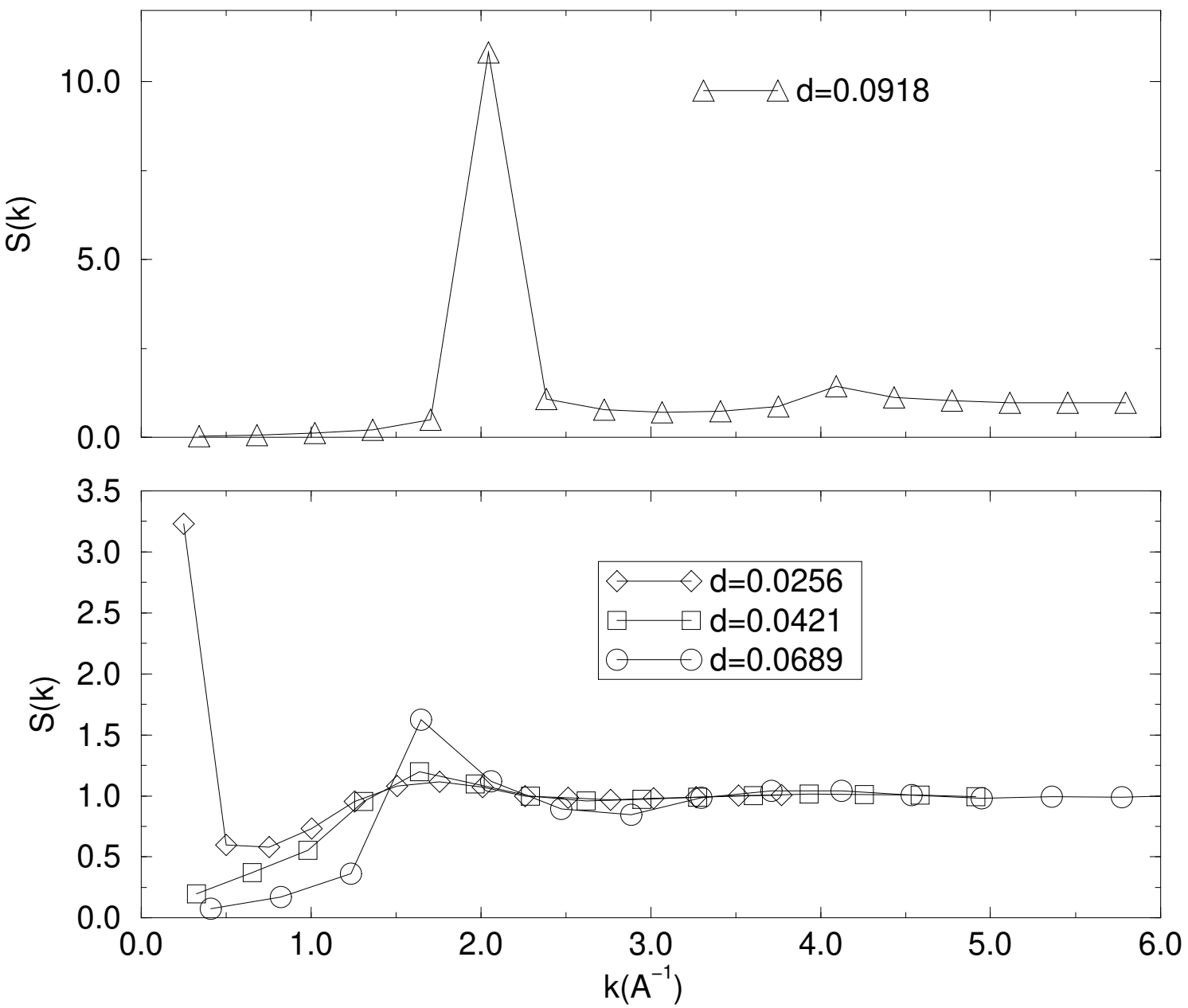

−125.0
−130.0
−135.0
−140.0
−145.0
E/N (K)
0.065
0.075
0.085
0.095
0.105
0.115
Coverage (A^{-2})

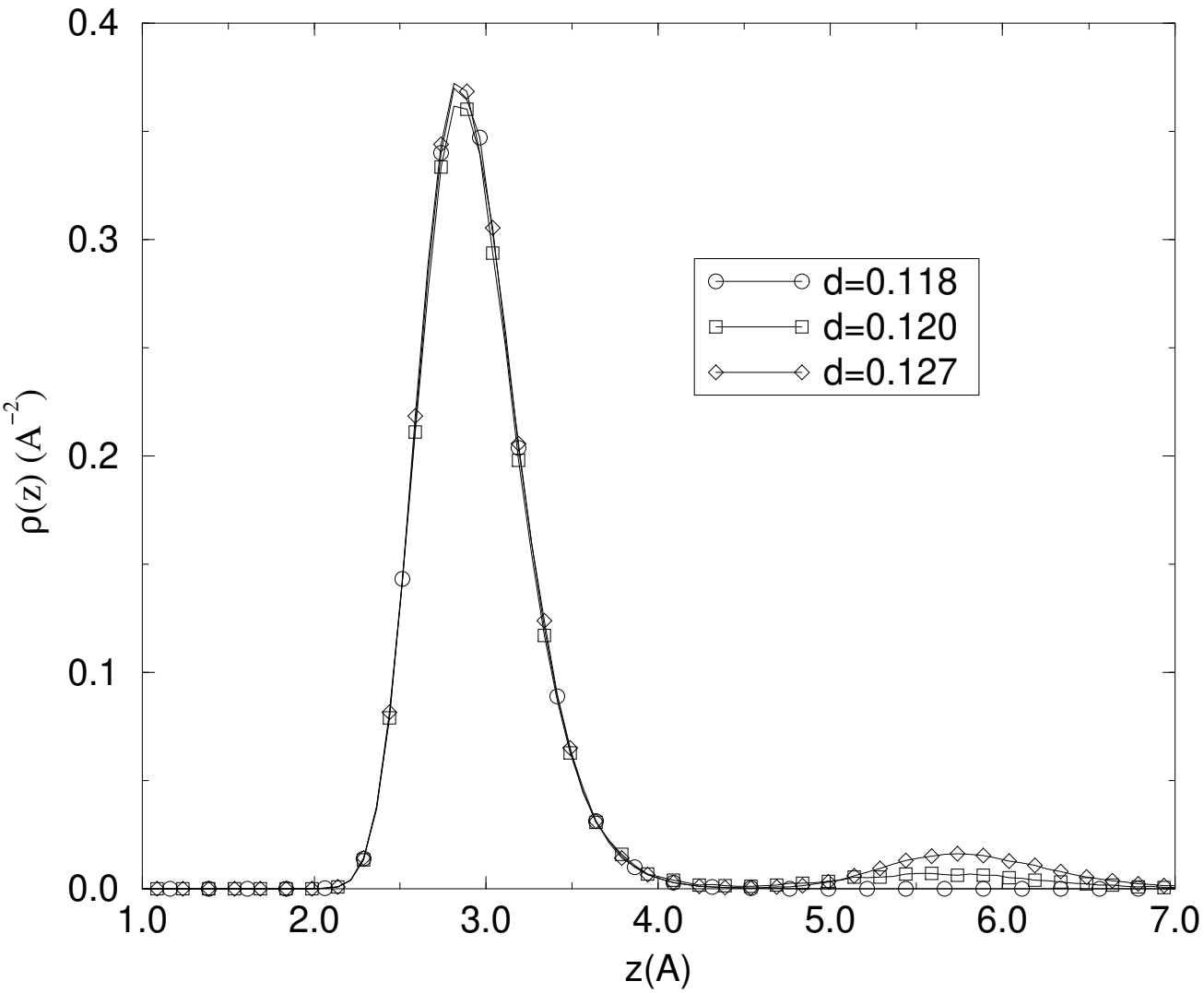

−140.0
−141.0
−142.0
−143.0
−144.0
−145.0
−146.0
−147.0
−148.0
E/N (K)
0.8
1.3
1.8
2.3
2.8
3.3
3.8
4.3
4.8
5.3
5.8
Temperature (K)


−137.0
−138.0
−139.0
−140.0
−141.0
−142.0
Energy per particle (K)
11.5
12.5
13.5
14.5
15.5
16.5
Inverse coverage (A^2)


1.5
1.0
0.5
0.0
g(r)
0.0
5.0
10.0
r(A)
d=0.0256
d=0.0421
d=0.0689


Specific Heat
Temperature (K)
0
1
2
3
4
5
6
7


10.0
5.0
0.0
S(k)
d=0.0918
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
S(k)
d=0.0256
d=0.0421
d=0.0689
0.0
1.0
2.0
3.0
4.0
5.0
6.0
k(A^{-1})


0.4
0.3
0.2
0.1
0.0
ρ(z) (A^{-2})
1.0
2.0
3.0
4.0
5.0
6.0
7.0
z(A)
d=0.118
d=0.120
d=0.127