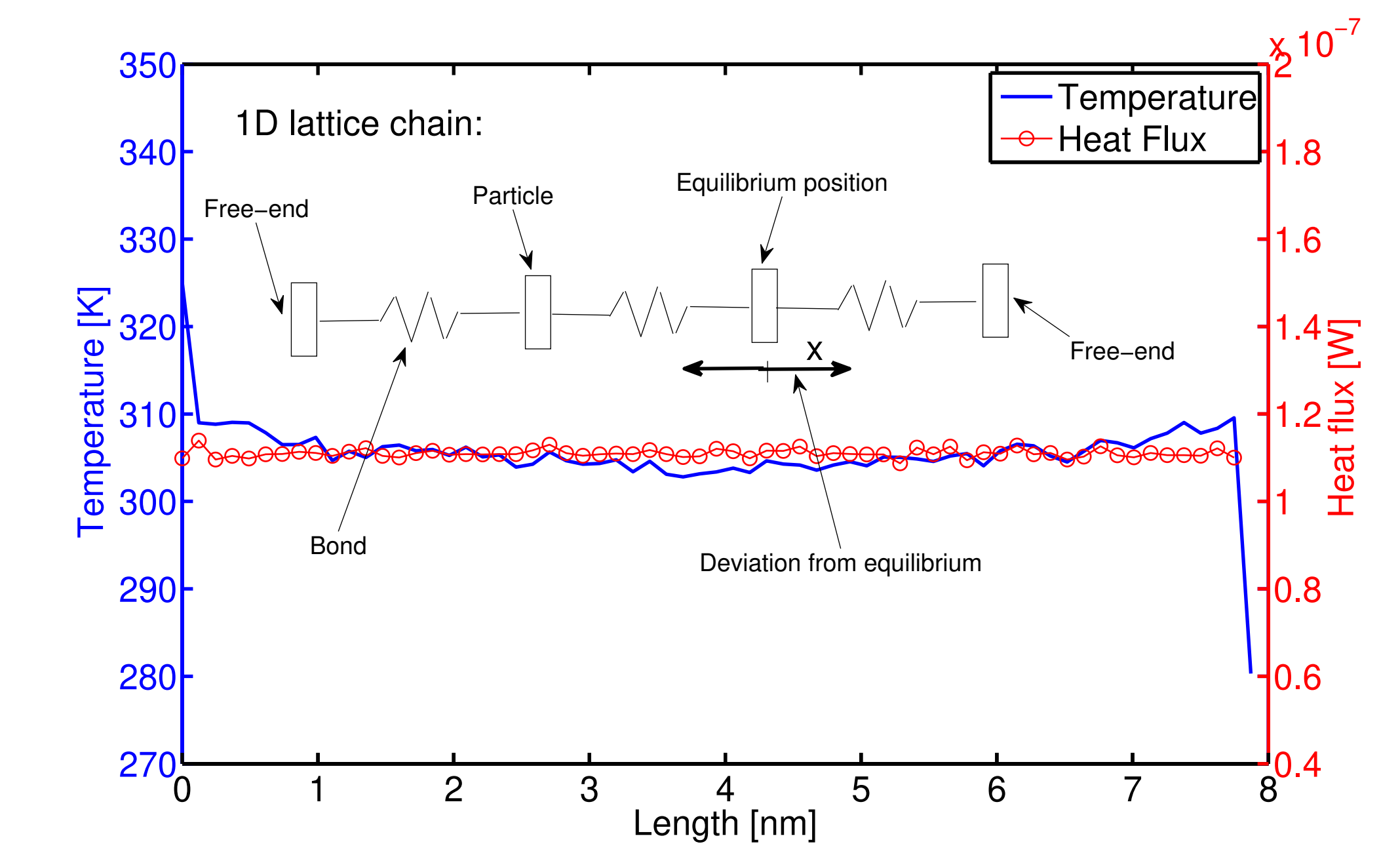
1D lattice chain:
Temperature
Heat Flux
Free−end
Particle
Equilibrium position
Free−end
X
Bond
Deviation from equilibrium
Temperature [K]
Heat flux [W]
x 10^−7
Length [nm]
350
340
330
320
310
300
290
280
270
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0
1
2
3
4
5
6
7
8