Heat capacity C_v as a function of temperature T 2.6 L=40 2.4 L=60 L=80 2.2 L=100 $C_{v} \text{ unit } J_{c}^{2}/kT$ 8.1 6.1 1.4 2 1.2 0.8 2.1 2.15 2.2 2.25 2.3 2.35 2.4

T unit kT/J