Expectation value for the energy 1.0 Ordered configuration for T = 1.0Random configuration for T = 1.0Ordered configuration for T = 2.40.5Random configuration for T = 2.40.0Energy -0.5-1.0-1.5-2.0 $10^{1}$  $10^{2}$  $10^{3}$  $10^{4}$  $10^{5}$ 

**MCCs**