Average magnitude of magnetization of 2x2 lattice with T = 11.0000  $\langle |\mathcal{M}| \rangle$ Analytic  $\langle |\mathcal{M}| \rangle$ 0.9998 0.9996 0.9994 0.9992 0.9990 0.9988 0.9986 200000 400000 600000 800000 1000000 Ν