Plot of magnetization as a function of MC Cycles. T = 2.40,  $N_{mc}$  = 1e+06. Initial state, all spins up 400 350 300 250  $\widehat{\underline{\underline{\xi}}}$  200 150 100 50 0 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>6</sup>

 $\log(N_{MC})$