time evolution of  $\langle I \rangle_t$  for T=1000 simulation steps and L=64 with  $p_1=p_2=p_3=0.5$ individual samples  $\langle I \rangle_t$ 0.34 mean  $\overline{\langle I \rangle_t}$ standard deviation  $\sigma_{(l)_t}$ 0.32 0.30 (*I*)<sup>*t*</sup> 82.0 82.0 0.24 0.22 0.20 200 400 600 800 1000 time step t