

The plot displays the time evolution of the entanglement entropy $S_E(t)$ for different system sizes N . The x-axis represents time in epochs (EpSec), ranging from 0 to 90,000. The y-axis represents the entanglement entropy $S_E(t)$, ranging from 0 to 10. The curves show a linear increase in entropy over time, which eventually plateaus. The plateau height increases with the system size N .

