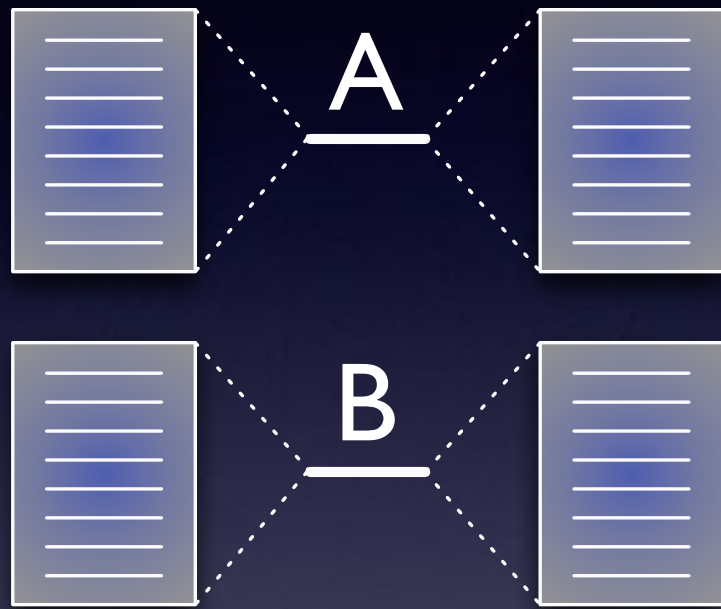


Population

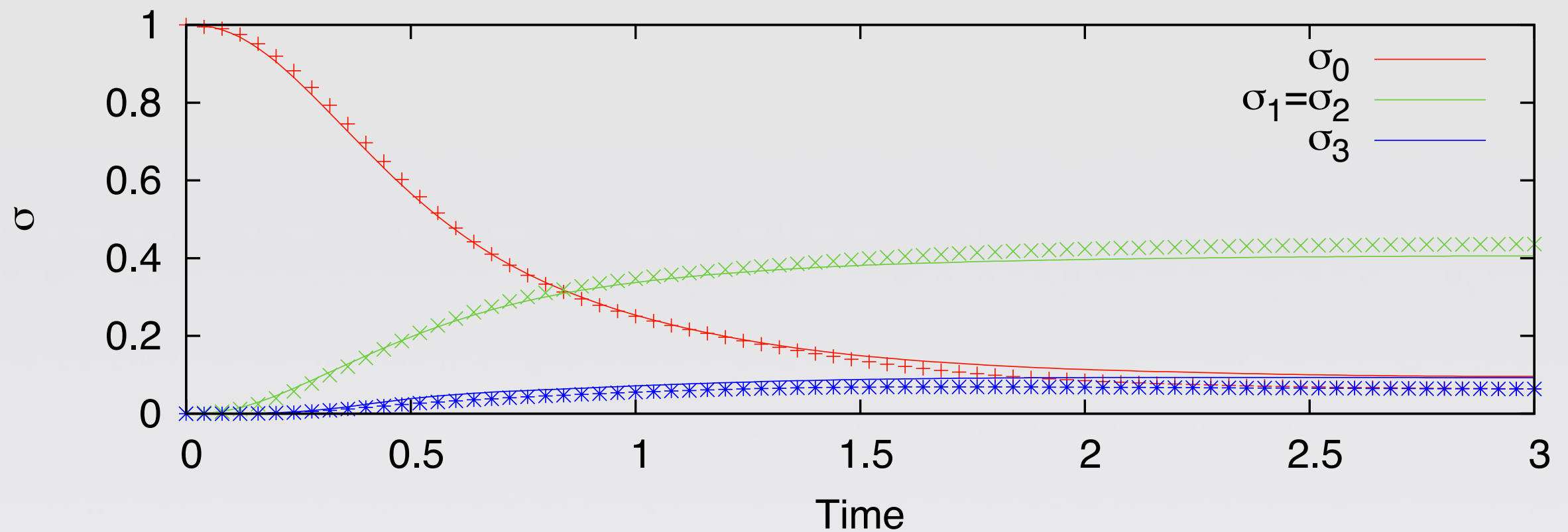


Two single
electron states

$$\begin{array}{cc} \underline{\sigma_3 = |11\rangle} & \\ \underline{\sigma_1 = |10\rangle} & \underline{\sigma_2 = |01\rangle} \\ \underline{\sigma_0 = |00\rangle} & \end{array}$$

Four 2-electron
states

Worst-Case Scenario



Low temperature ($\beta=5$)
High charging energy ($U=8$)
Voltage just before jump ($V_b=6$)