

The figure displays the time evolution of the order parameter  $S$  for nine different runs. The x-axis is time  $t$  (0 to 100) and the y-axis is the order parameter  $S$  (0.0 to 1.0). All runs show a rapid increase in  $S$  from 0.0 to 1.0, with the transition occurring very early in time (within  $t=10$ ). The runs are distinguished by color: Run # 1 (blue), Run # 2 (orange), Run # 3 (green), Run # 4 (red), Run # 5 (purple), Run # 6 (brown), Run # 7 (pink), Run # 8 (grey), and Run # 9 (yellow). The legend is located in the bottom right corner of the plot area.

