

Figure 10 is a line graph showing the normalized velocity profile U^+ versus the normalized axial distance x/c for different numbers of nodes (10, 17, 25, 45) and experimental data for the upper and lower surfaces. The x-axis ranges from 0.0 to 1.0, and the y-axis ranges from 0 to 10. The 45 Nodes case shows a sharp peak near $x/c = 1.0$, while the other cases show a more gradual increase. Experimental data points are marked with black dots for the upper surface and black stars for the lower surface.

