

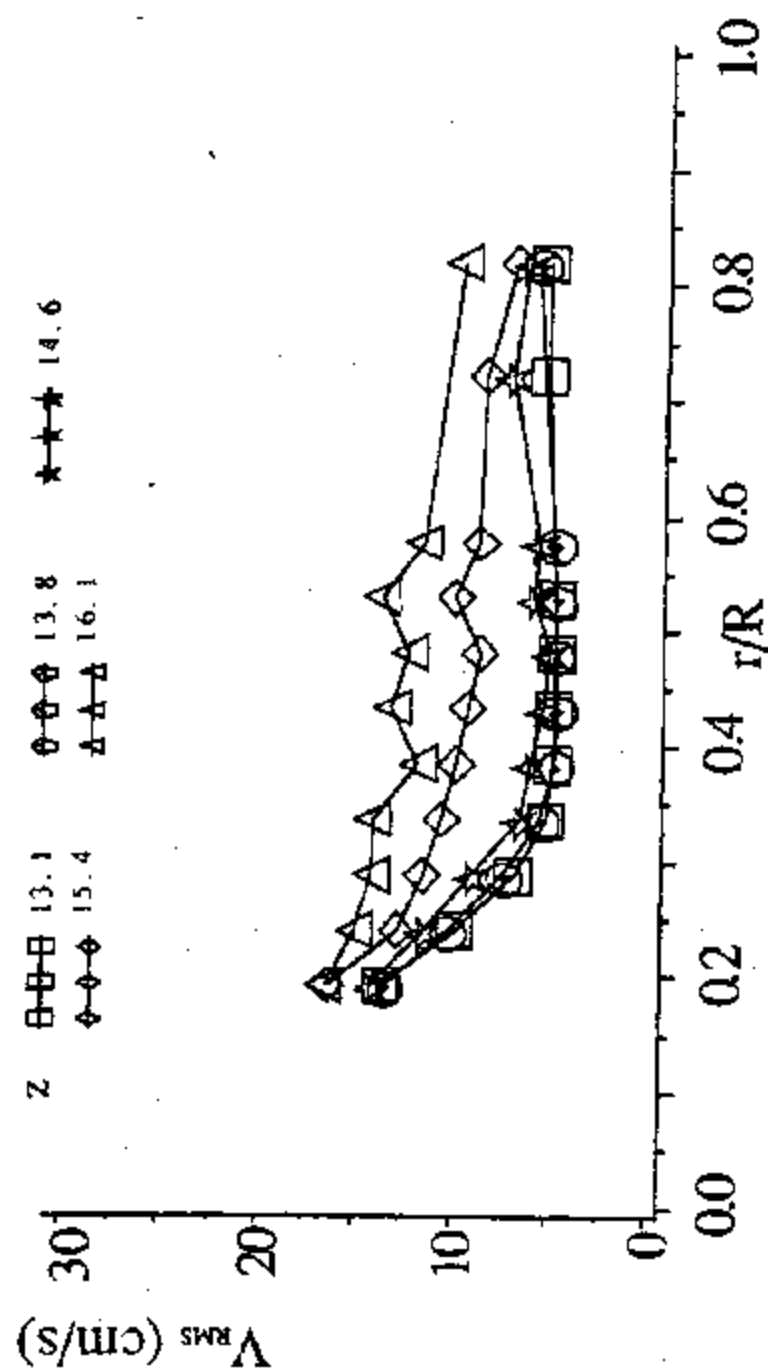


Figure 3.4.12 RMS circumferential bubble velocity measurements in the top quarter of the bubble column.

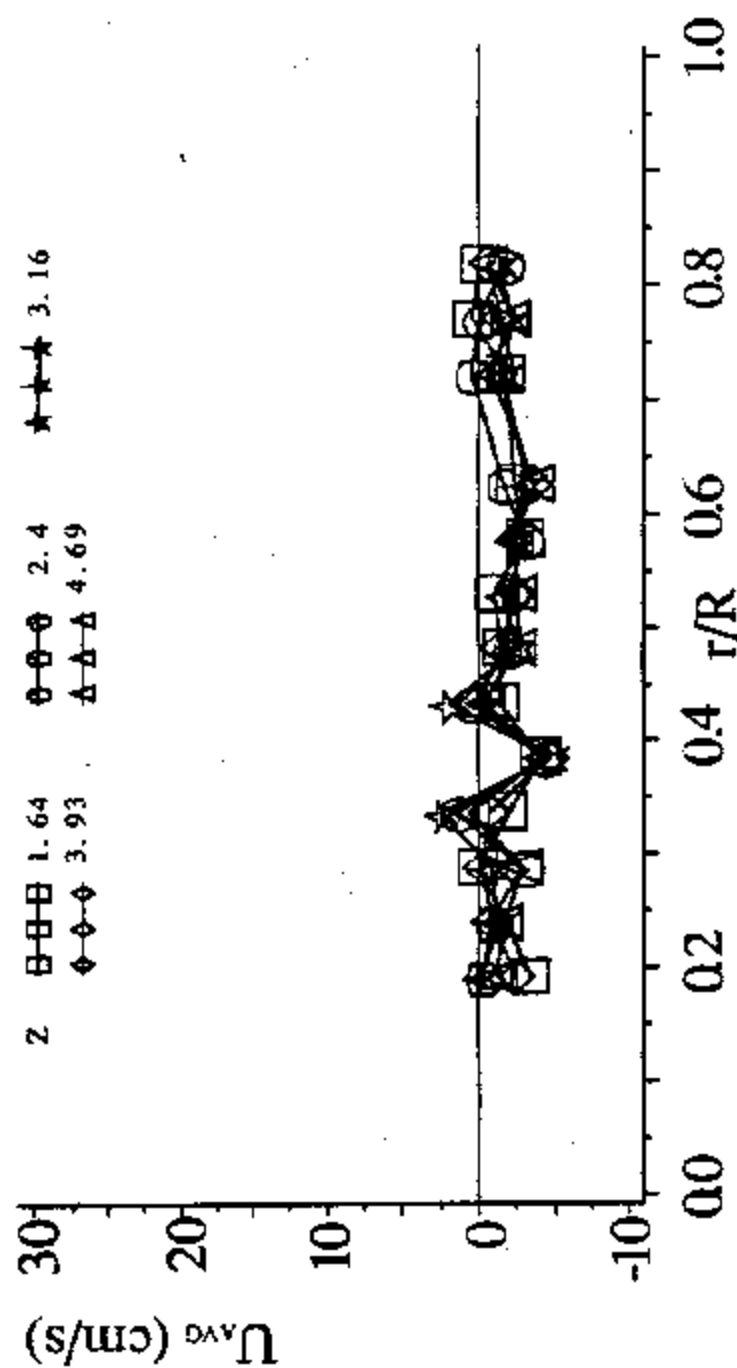


Figure 3.5.1 Average radial liquid velocity measurements in the bottom quarter of the bubble column.

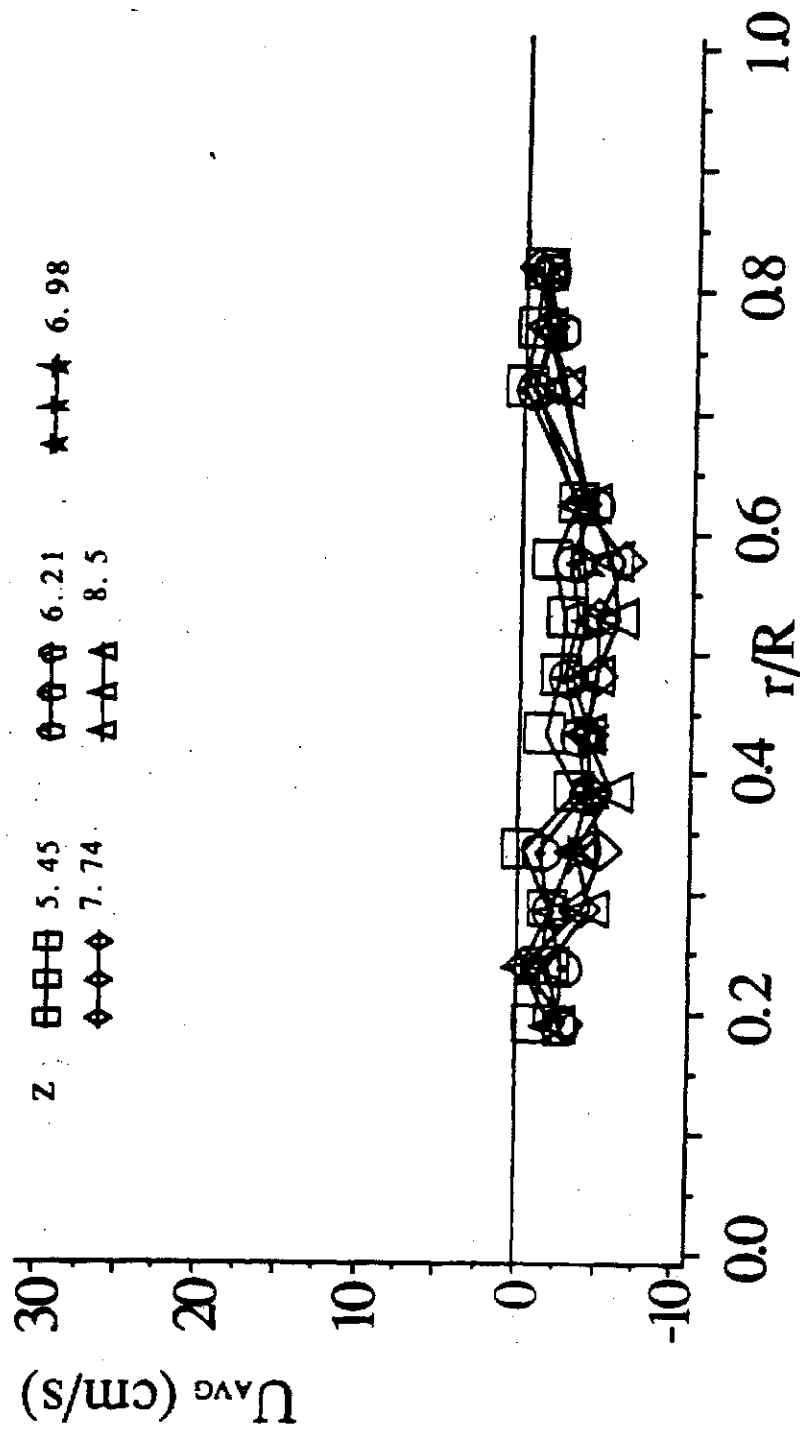


Figure 3.5.2 Average radial liquid velocity measurements in the second quarter of the bubble column.

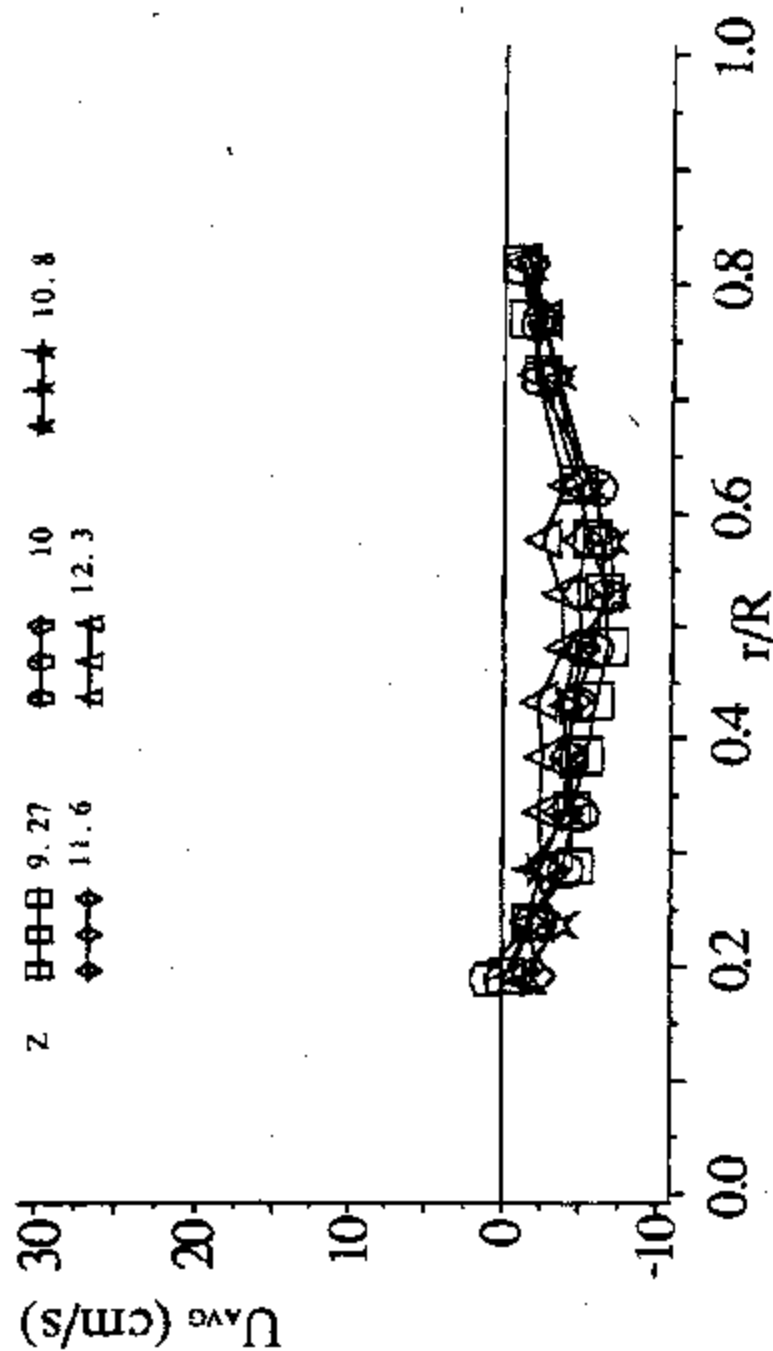


Figure 3.5.3 Average radial liquid velocity measurements in the third quarter of the bubble column.

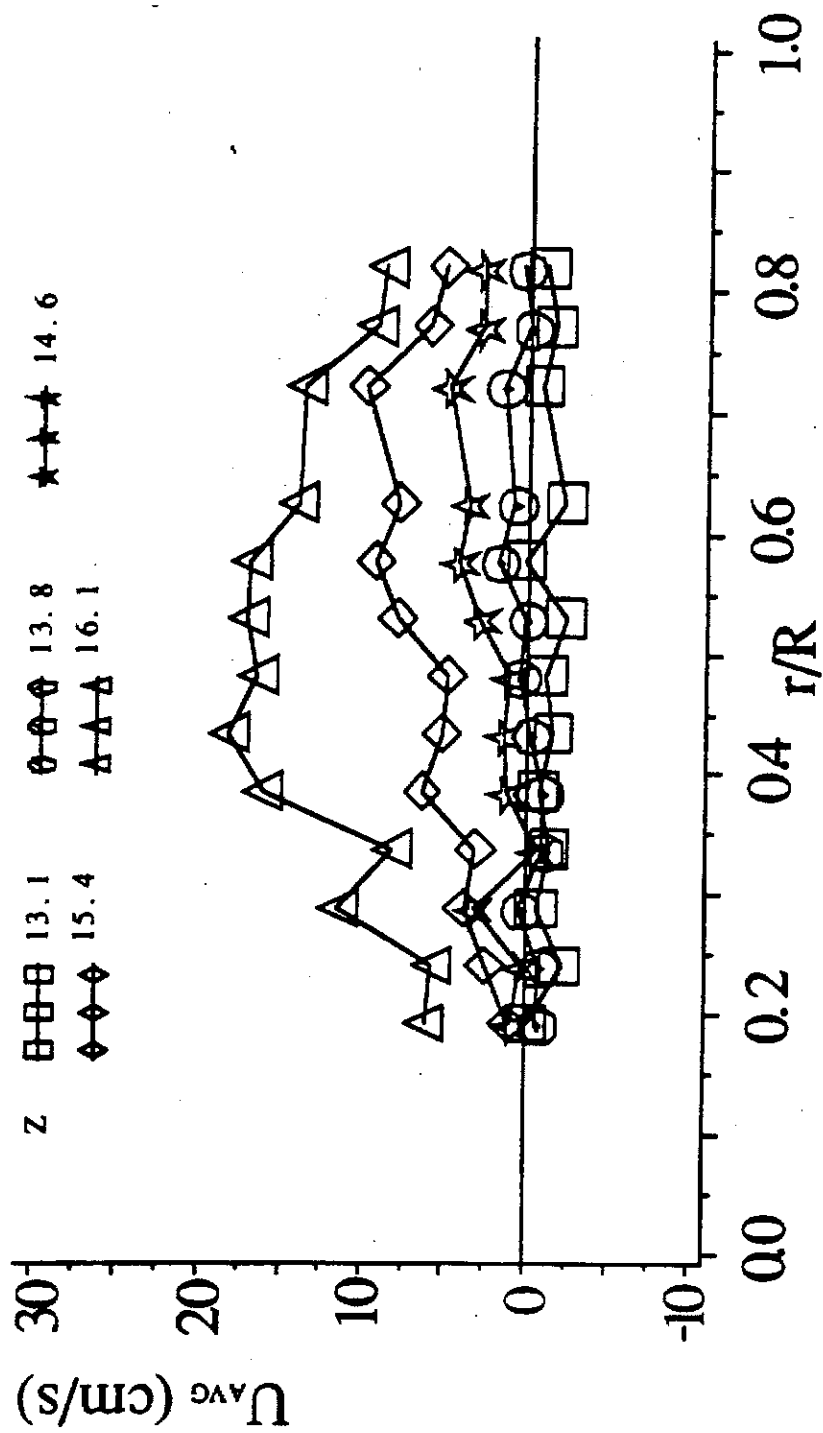


Figure 3.5.4 Average radial liquid velocity measurements in the top quarter of the bubble column.

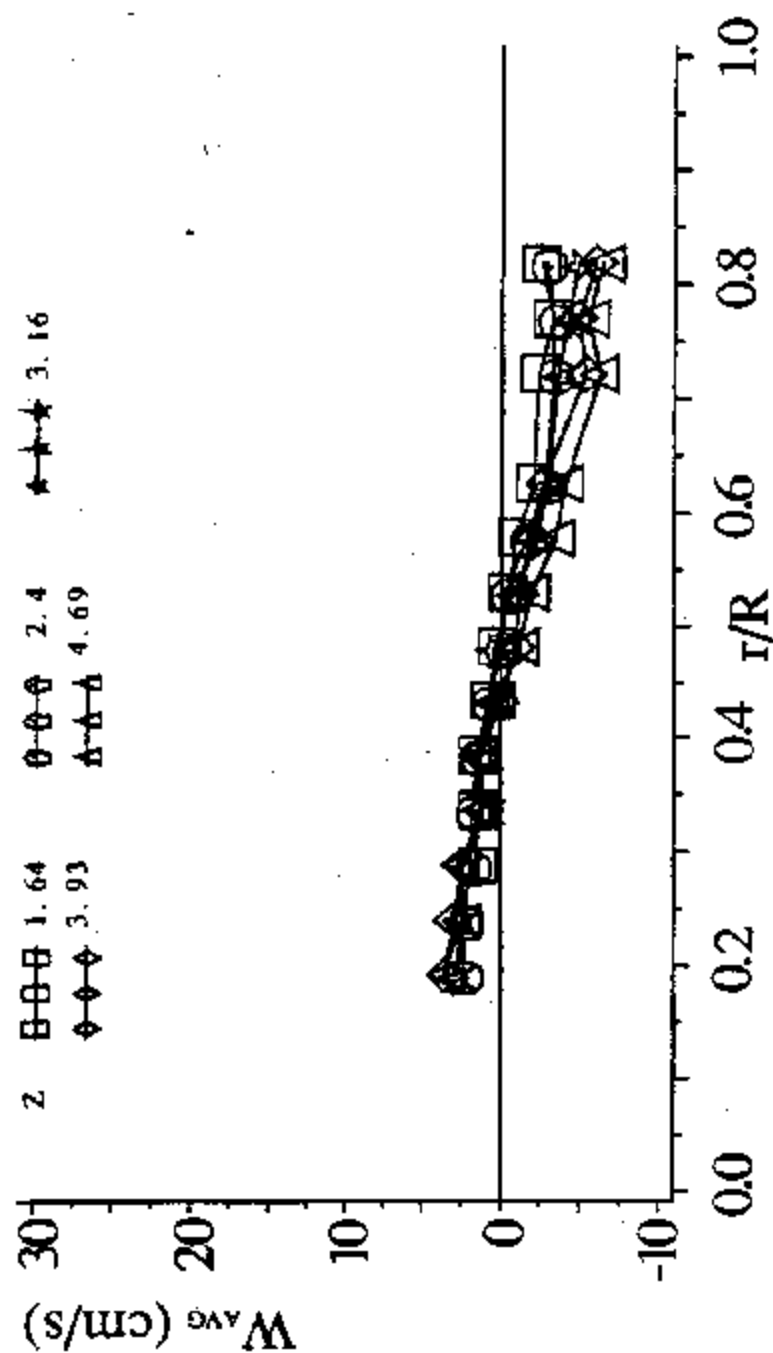


Figure 3.5.5 Average vertical liquid velocity measurements in the bottom quarter of the bubble column.

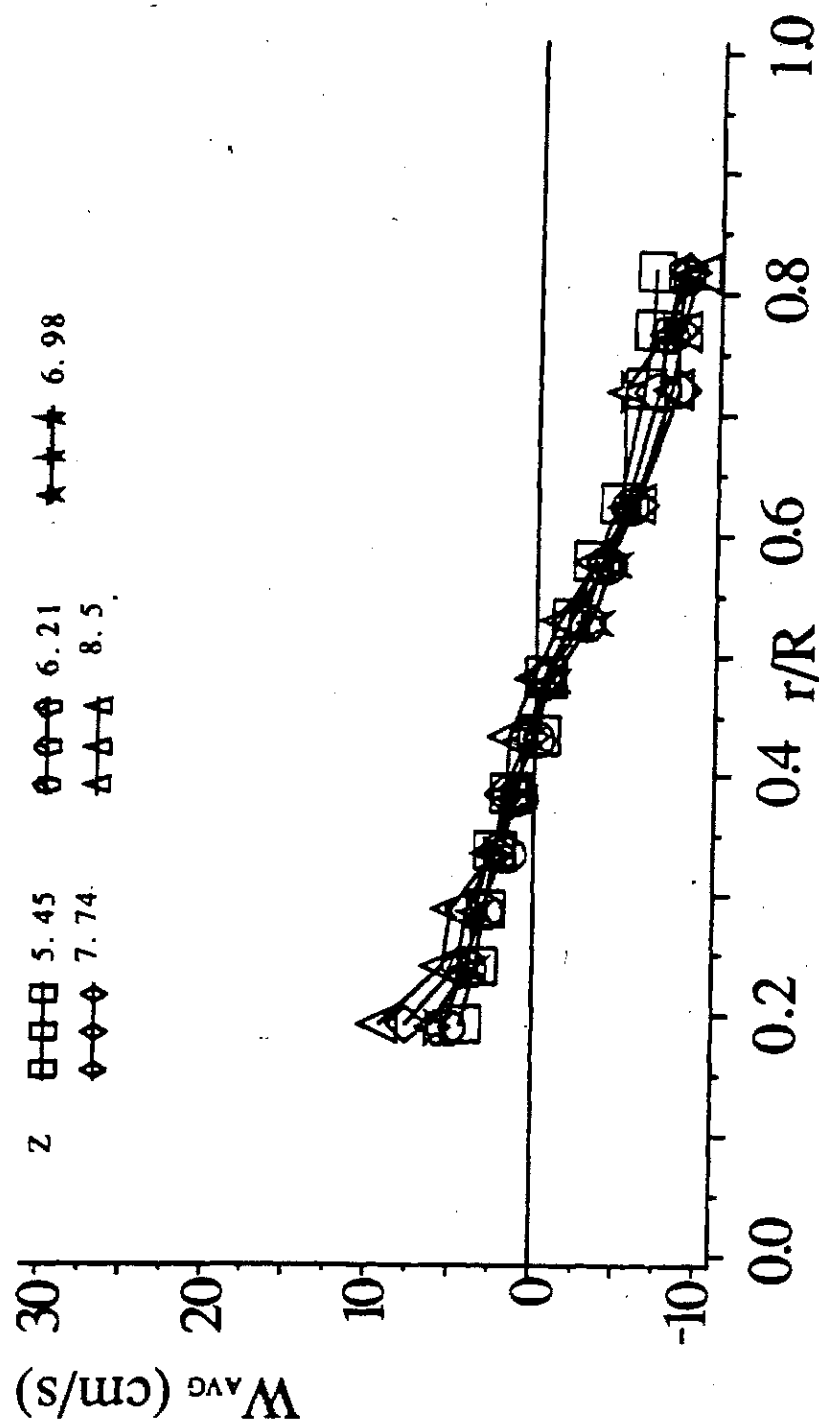


Figure 3.5.6 Average vertical liquid velocity measurements in the second quarter of the bubble column.

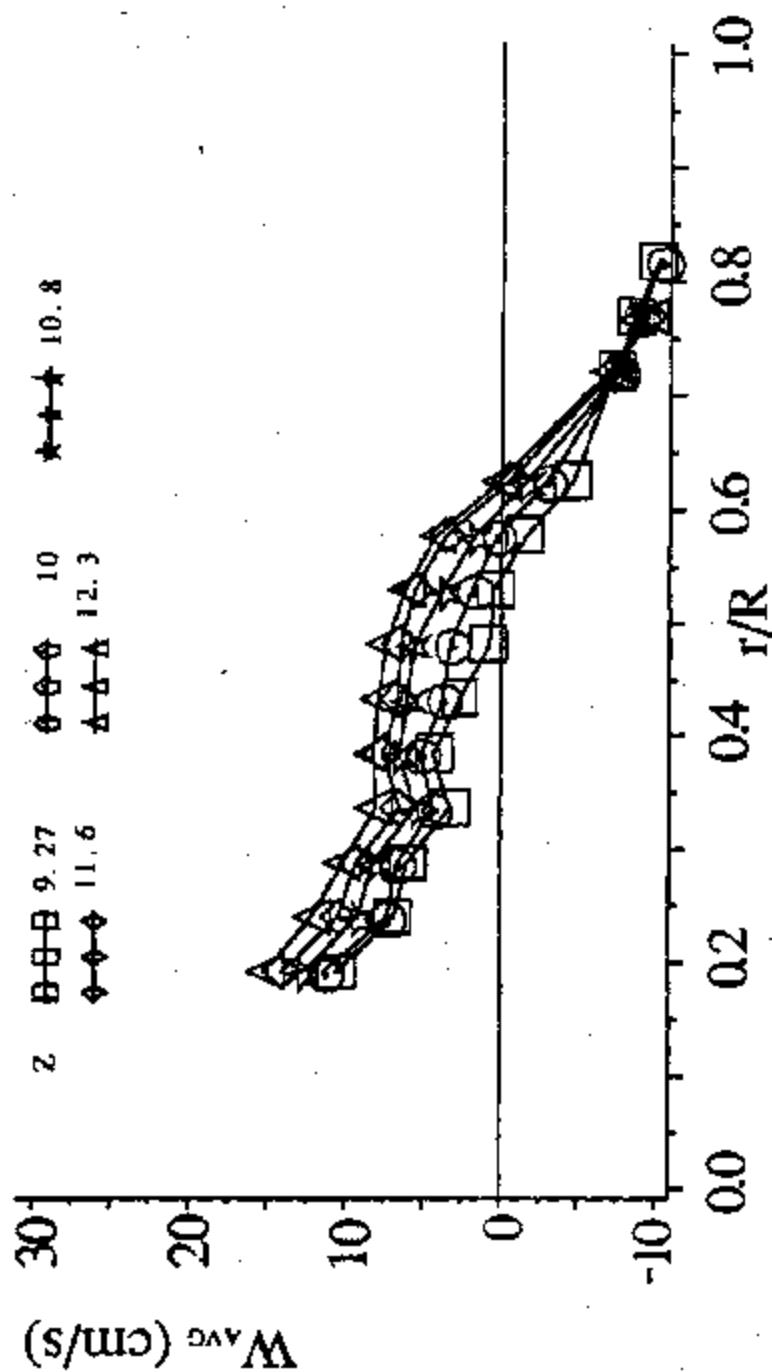


Figure 3.5.7 Average vertical liquid velocity measurements in the third quarter of the bubble column.

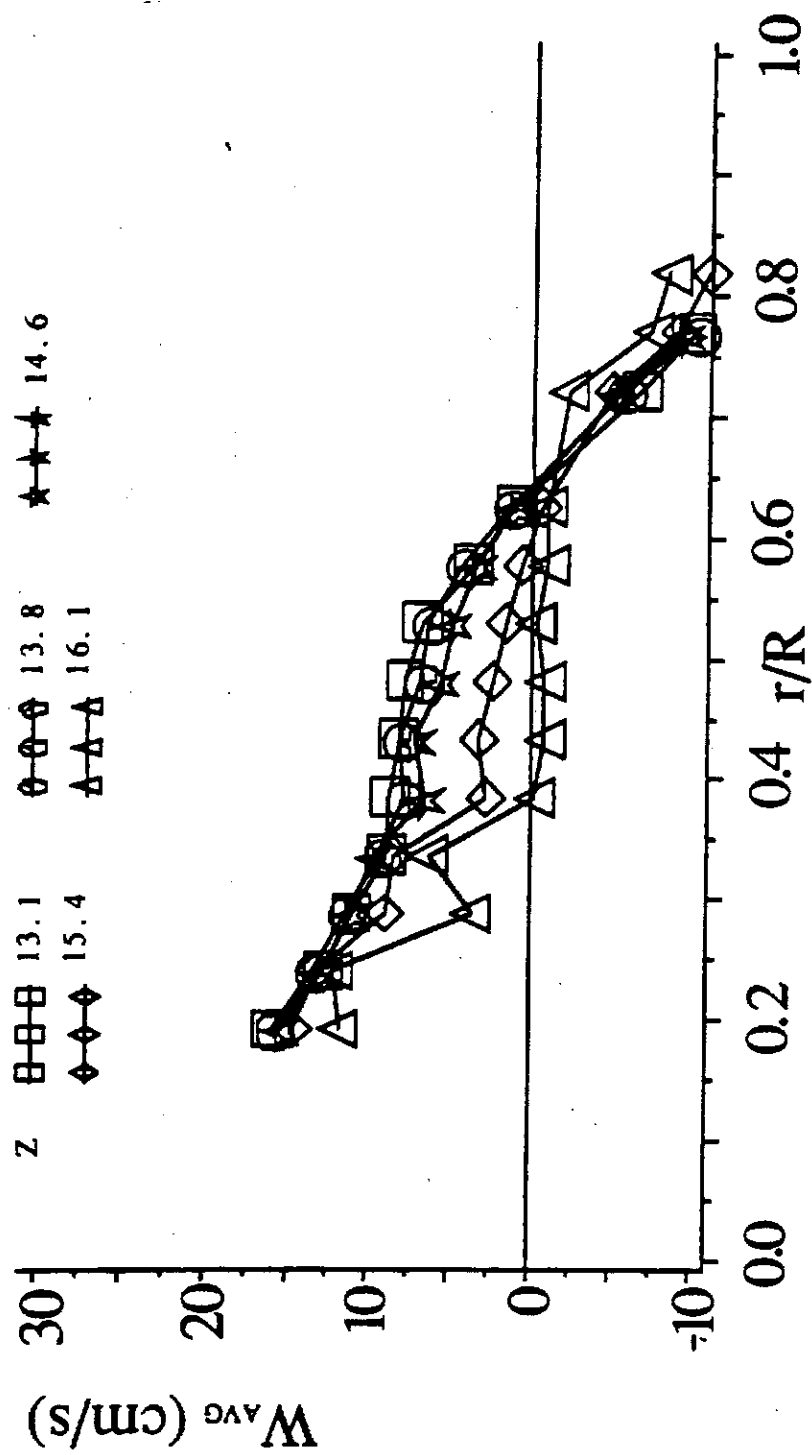


Figure 3.5.8 Average vertical liquid velocity measurements in the top quarter of the bubble column.

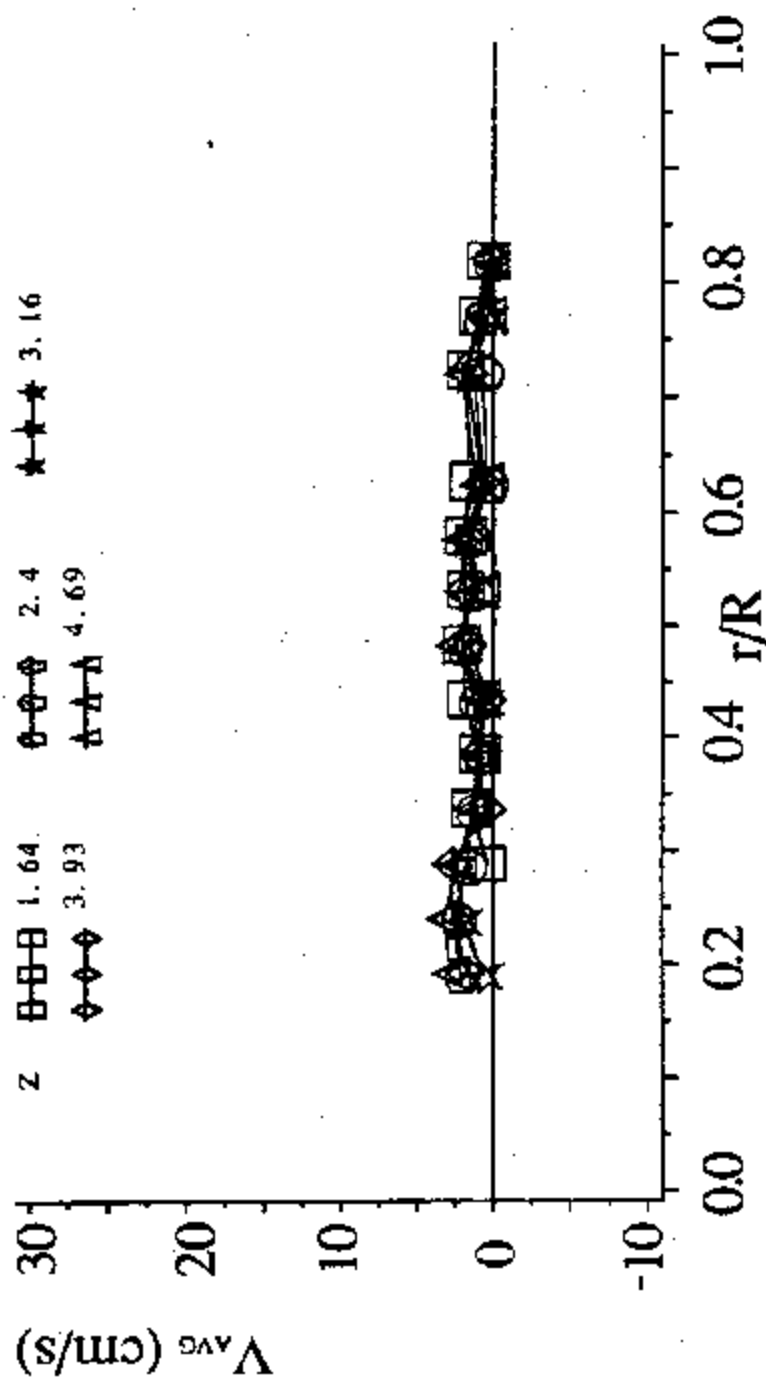


Figure 3.5.9 Average circumferential liquid velocity measurements in the bottom quarter of the bubble column.

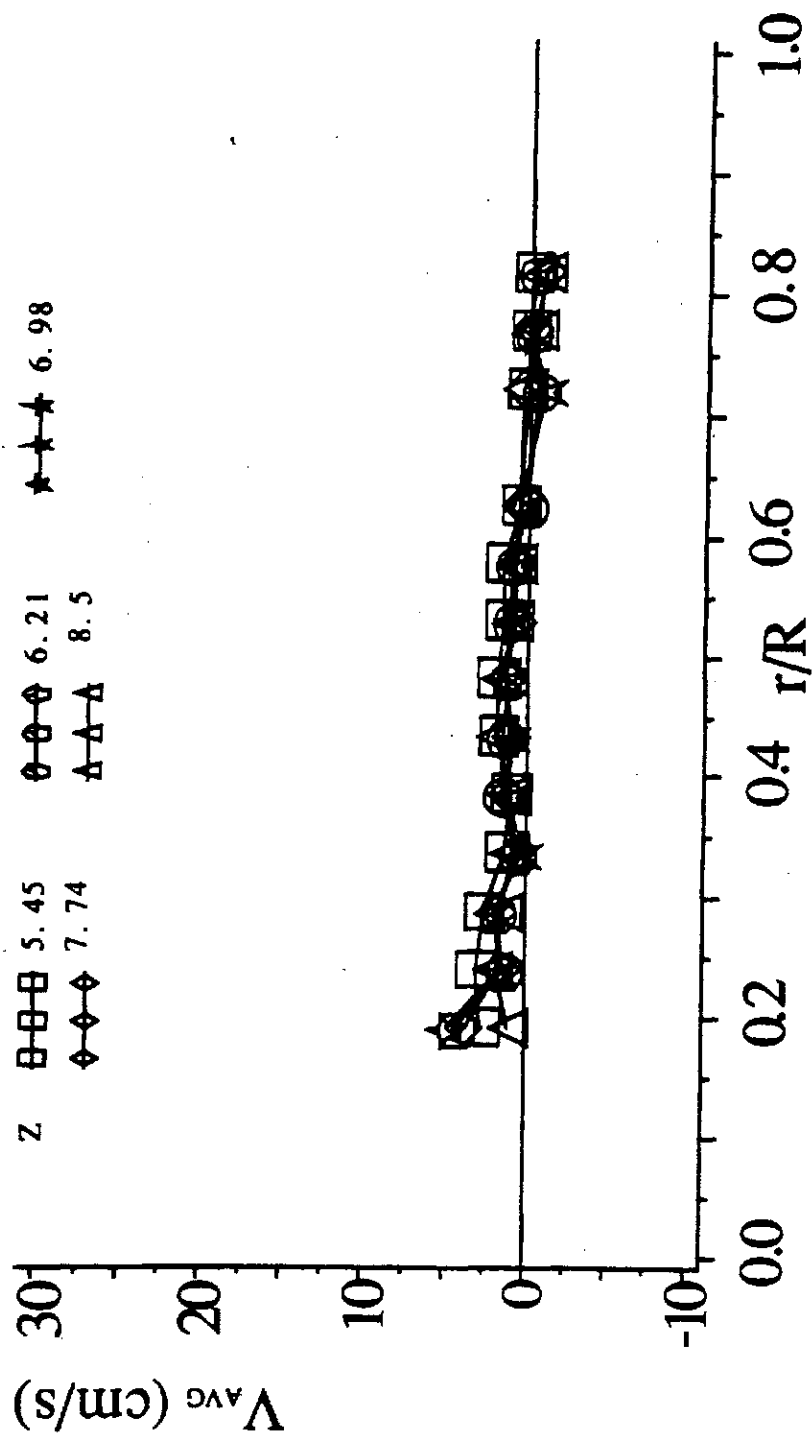


Figure 3.5.10 Average circumferential liquid velocity measurements in the second quarter of the bubble column.

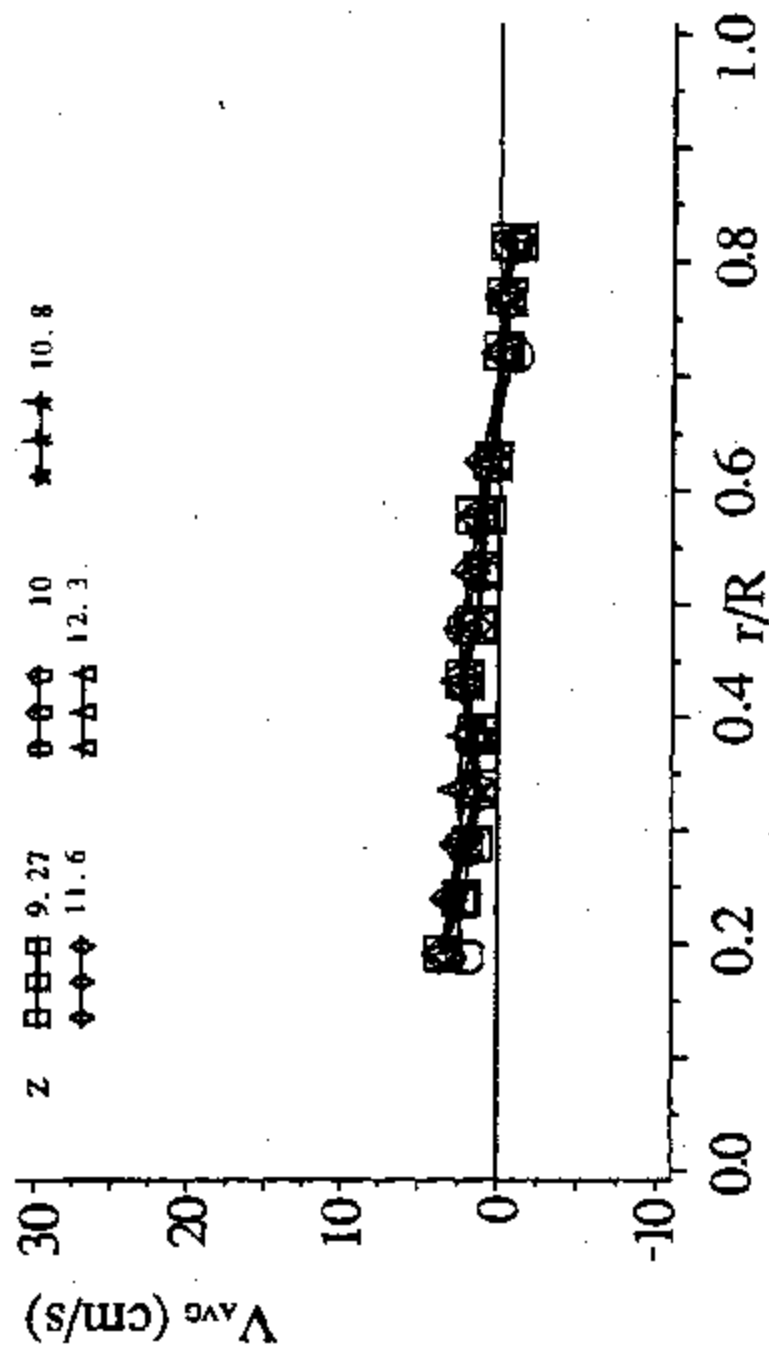


Figure 3.5.11 Average circumferential liquid velocity measurements in the third quarter of the bubble column.

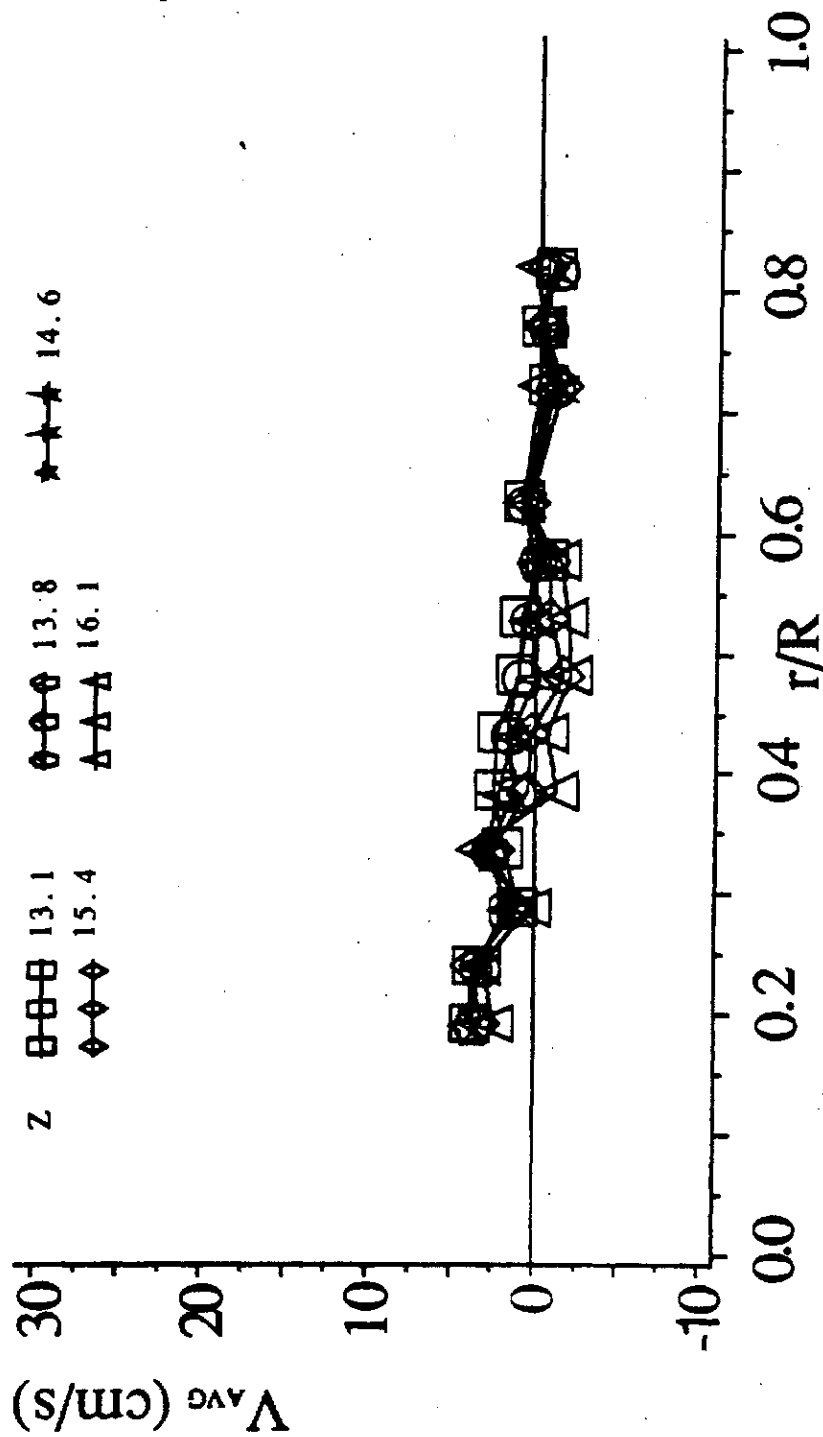


Figure 3.5.12 Average circumferential liquid velocity measurements in the top quarter of the bubble column.

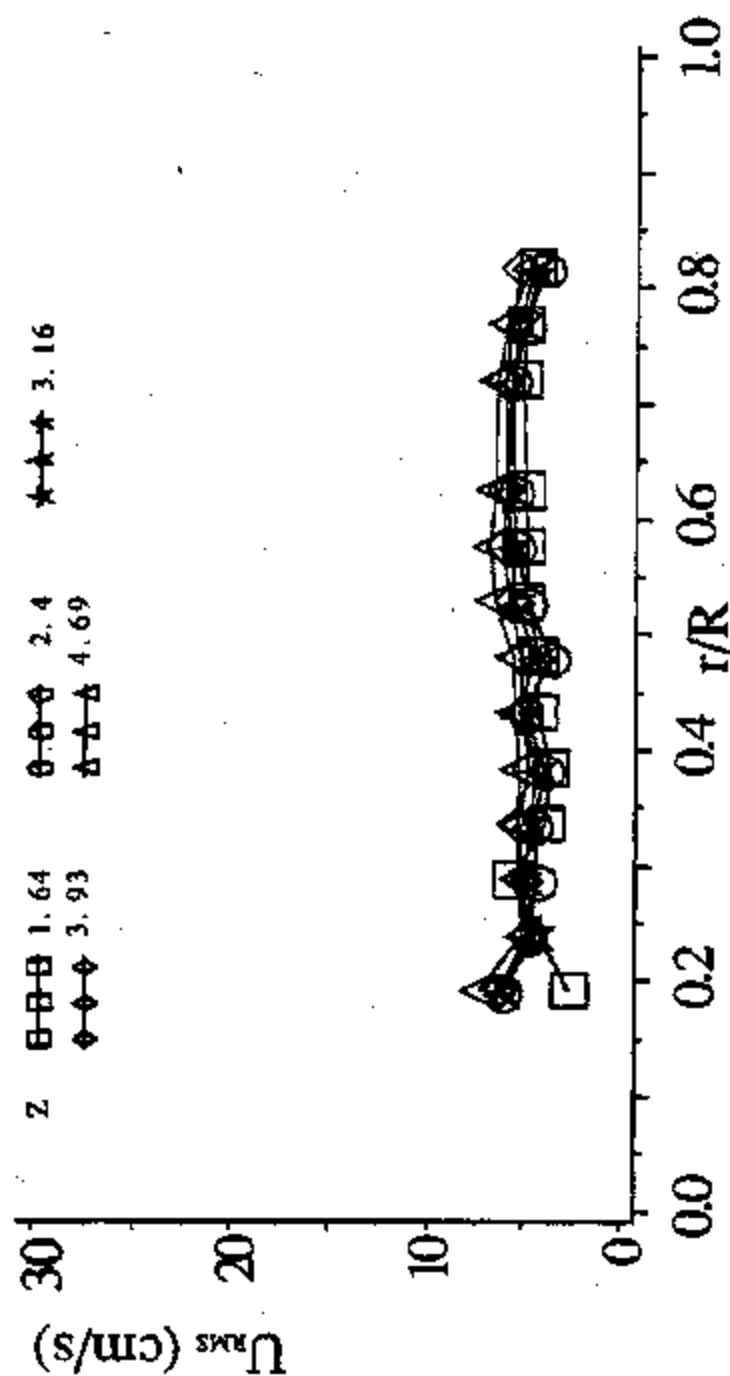


Figure 3.6.1 RMS radial liquid velocity measurements in the bottom quarter of the bubble column.

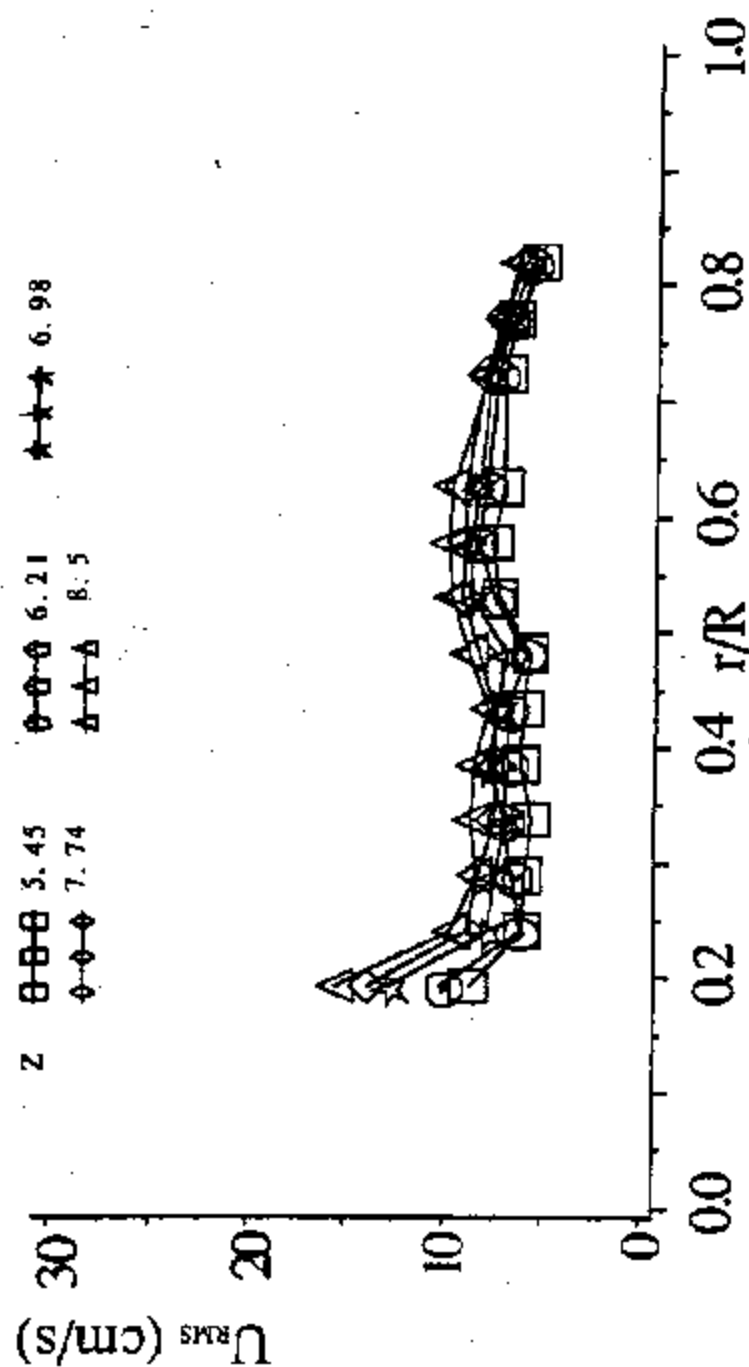


Figure 3.6.2 RMS radial liquid velocity measurements in the second quarter of the bubble column.