

Figure 15
Holdup vs Superficial Gas Velocity
10 wt % 70-140 Mesh Beads

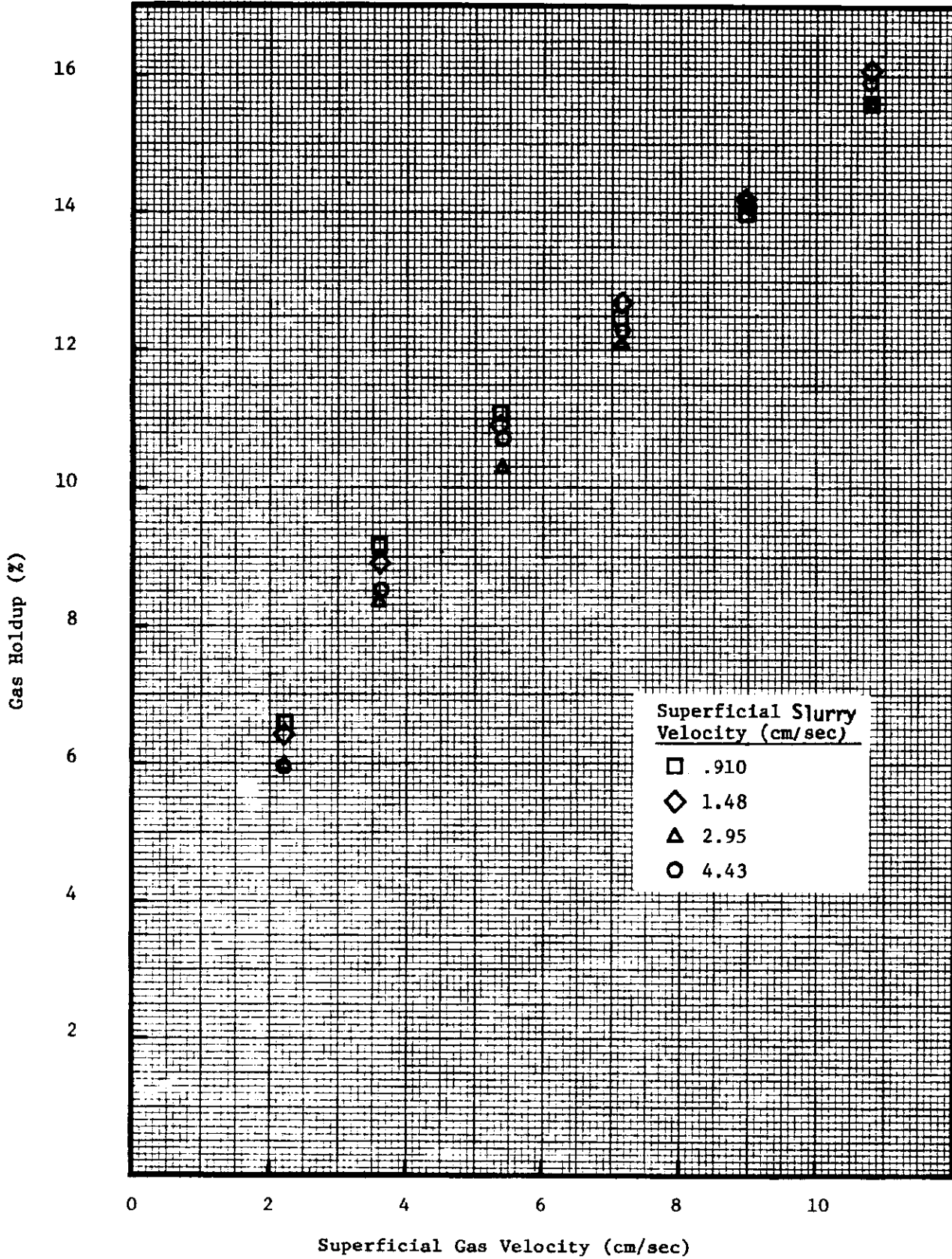


Figure 16
Holdup vs Superficial Gas Velocity
15 wt % 70-140 Mesh Beads

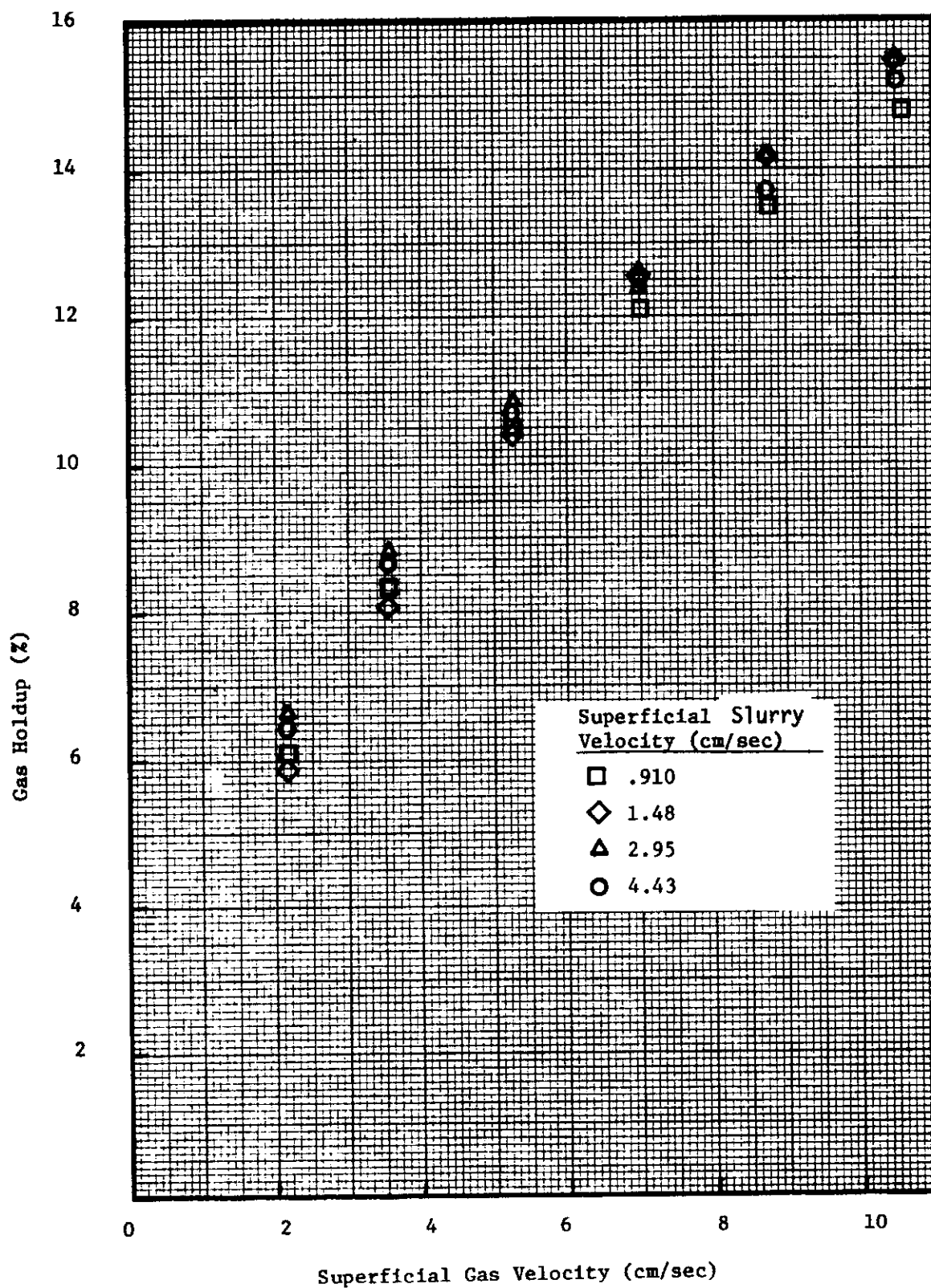


Figure 17
 Holdup vs Superficial Gas Velocity
 5 wt% 100-180 Mesh Sand
 1-inch Withdrawal Tube

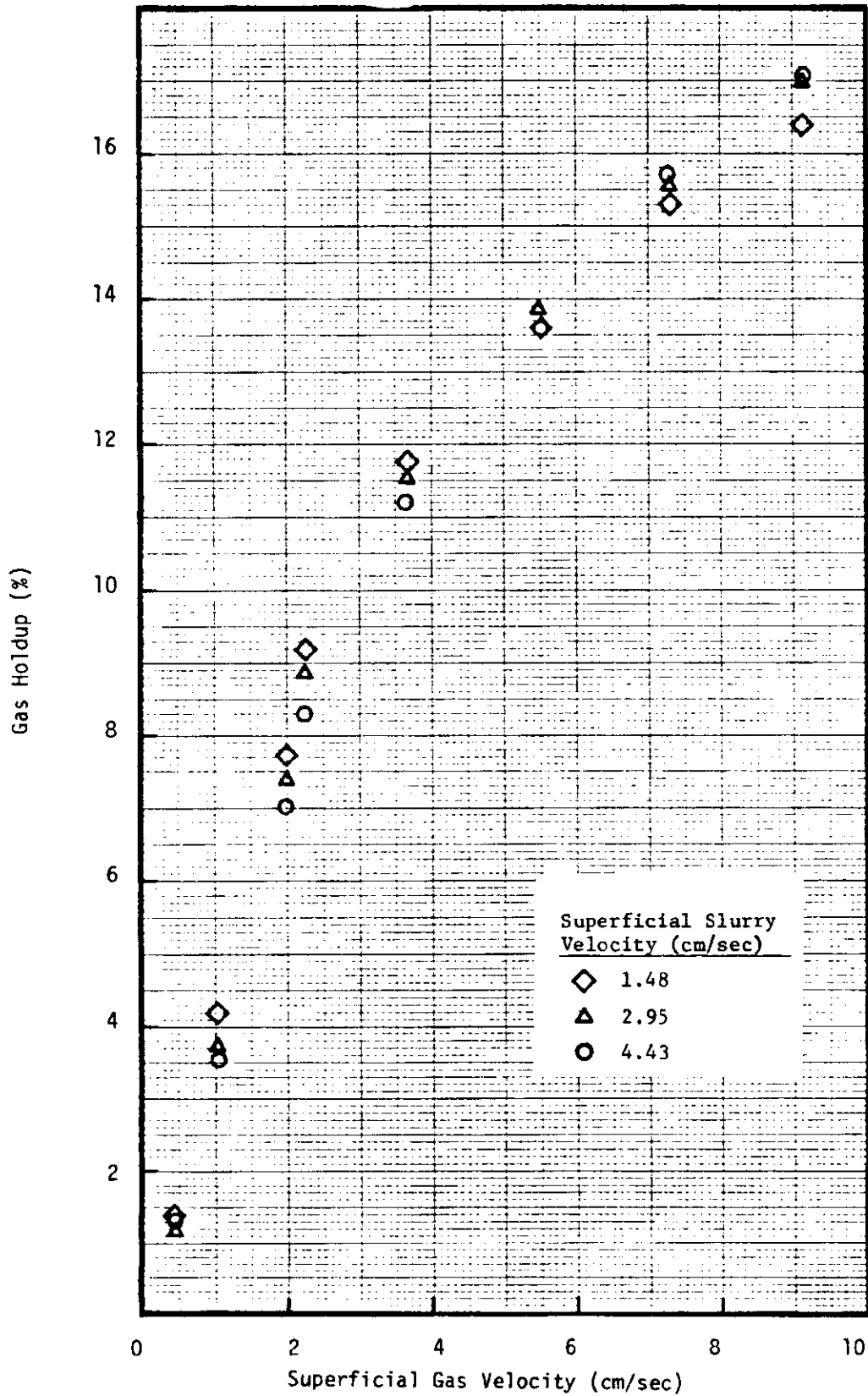


Figure 18
Holdup vs Superficial Gas Velocity
15 wt % 70-140 Mesh Beads
1/2 inch Withdrawal Tube

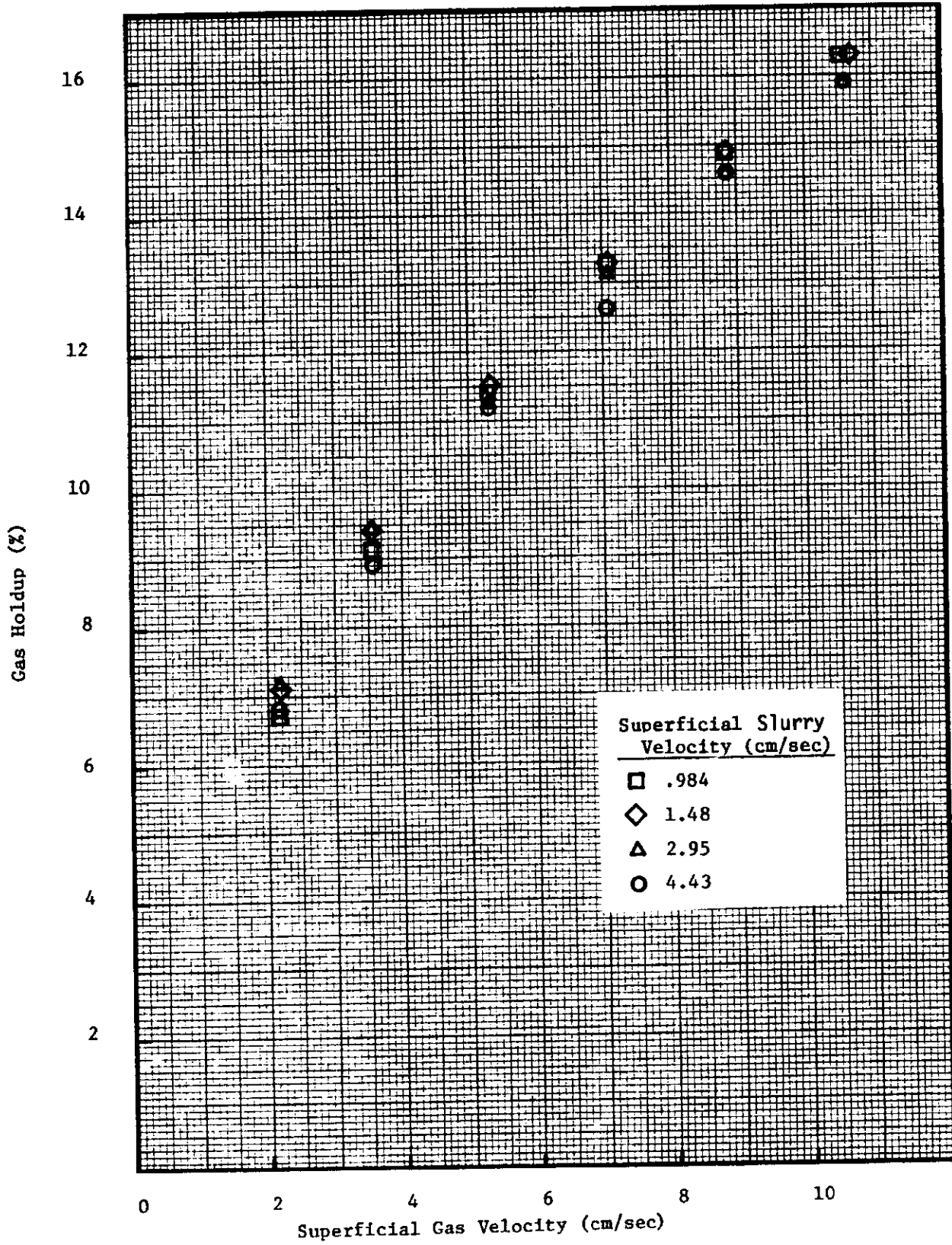


Figure 19
 Holdup vs Superficial Gas Velocity
 15 wt% 70-140 Mesh Beads
 1-inch Withdrawal Tube

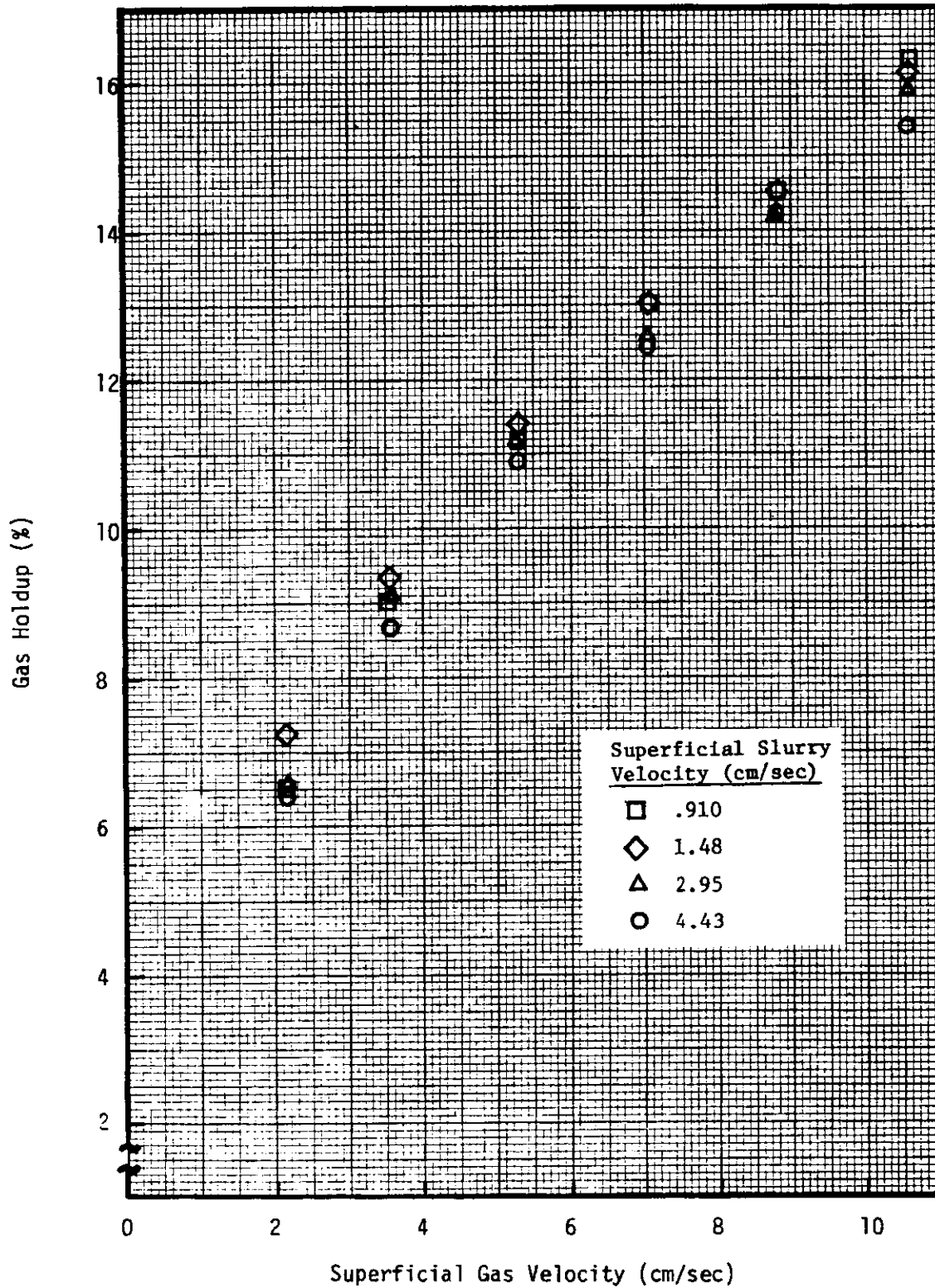


Figure 20
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 100-180 Mesh Sand
 Gas Superficial Velocity = 1.03 cm/sec

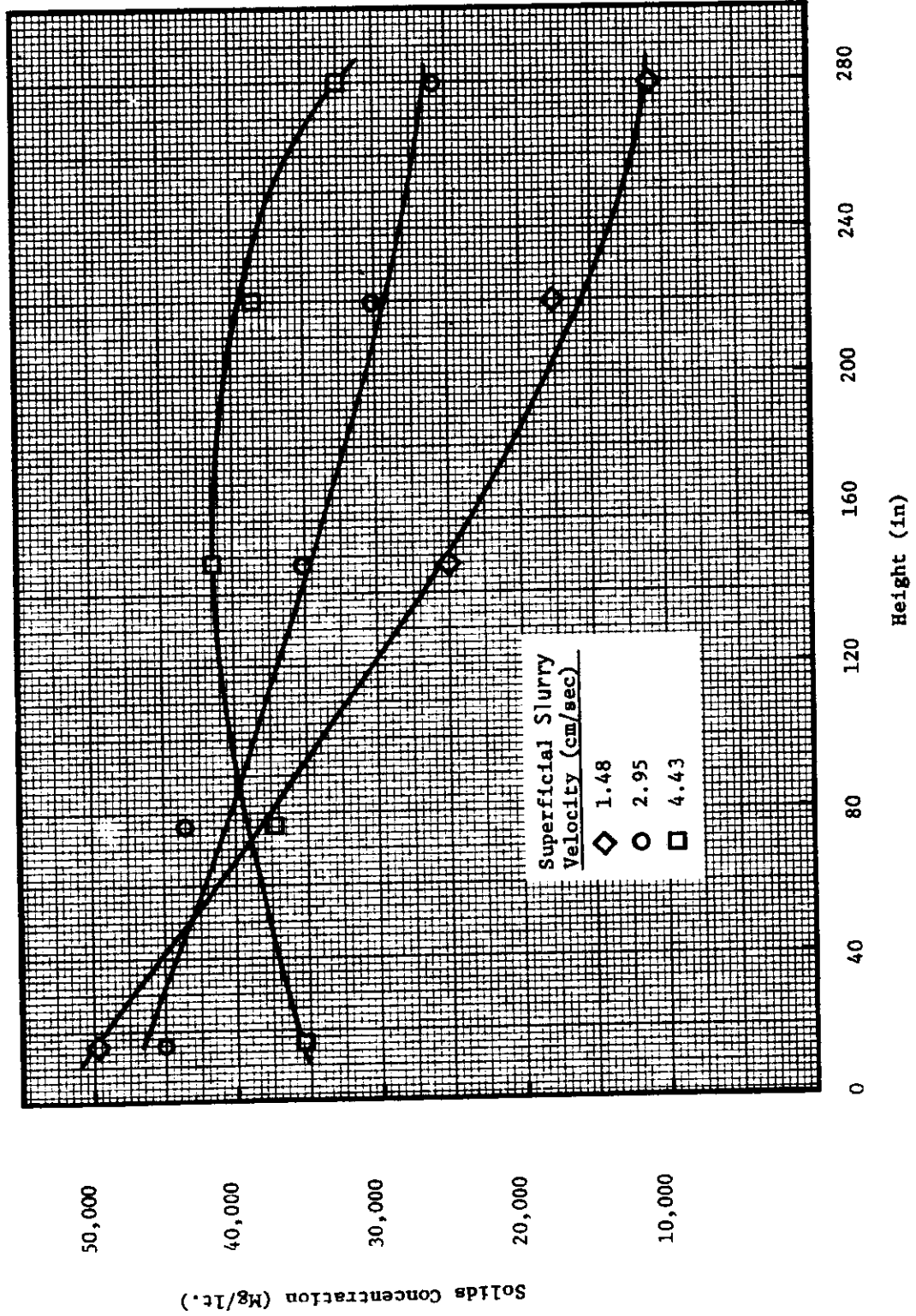


Figure 21
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 100-180 Mesh Sand
 Gas Superficial Velocity = 5.4 cm/sec

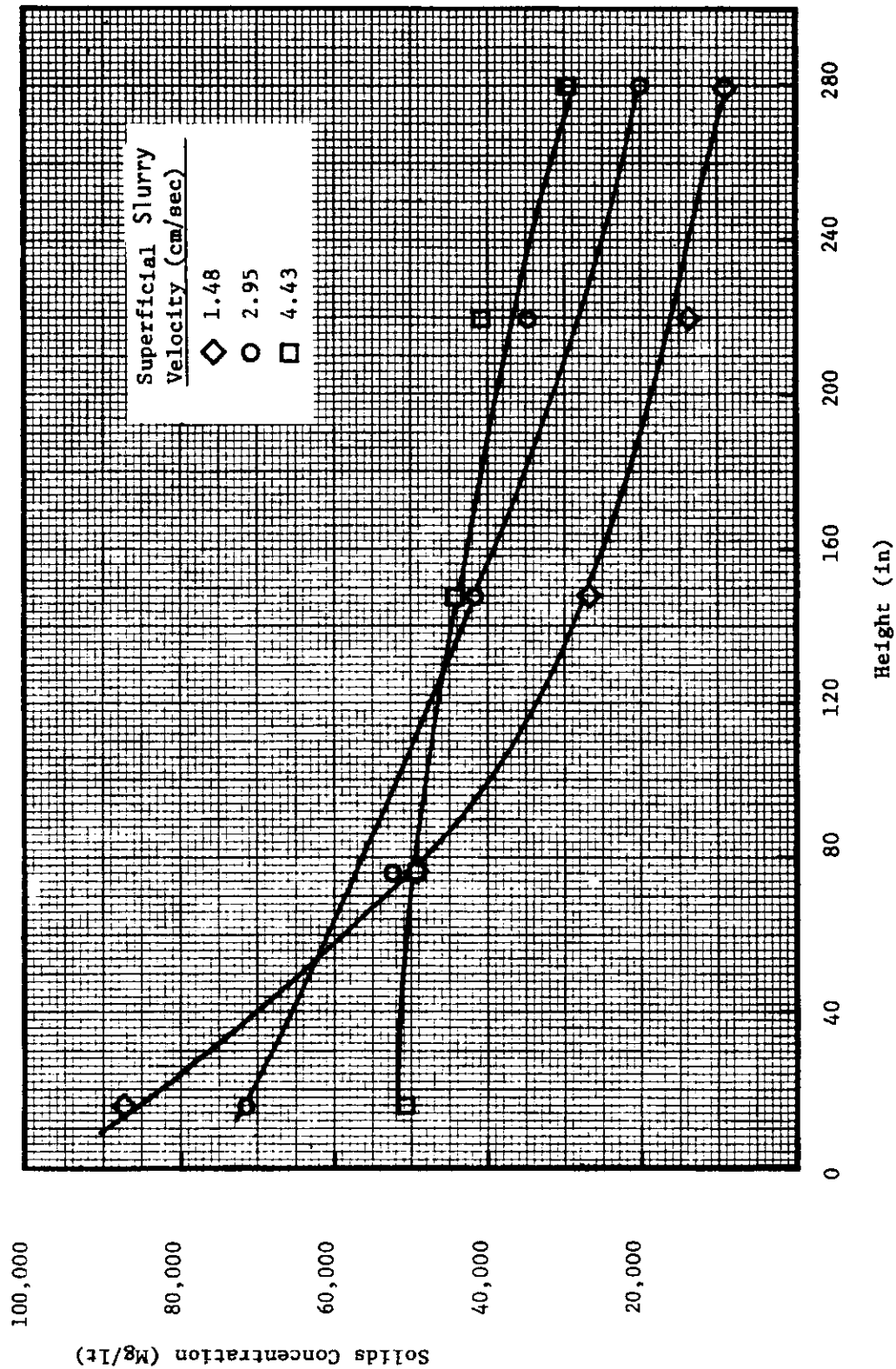


Figure 22
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 100-180 Mesh Sand
 Gas Superficial Velocity = 9 cm/sec

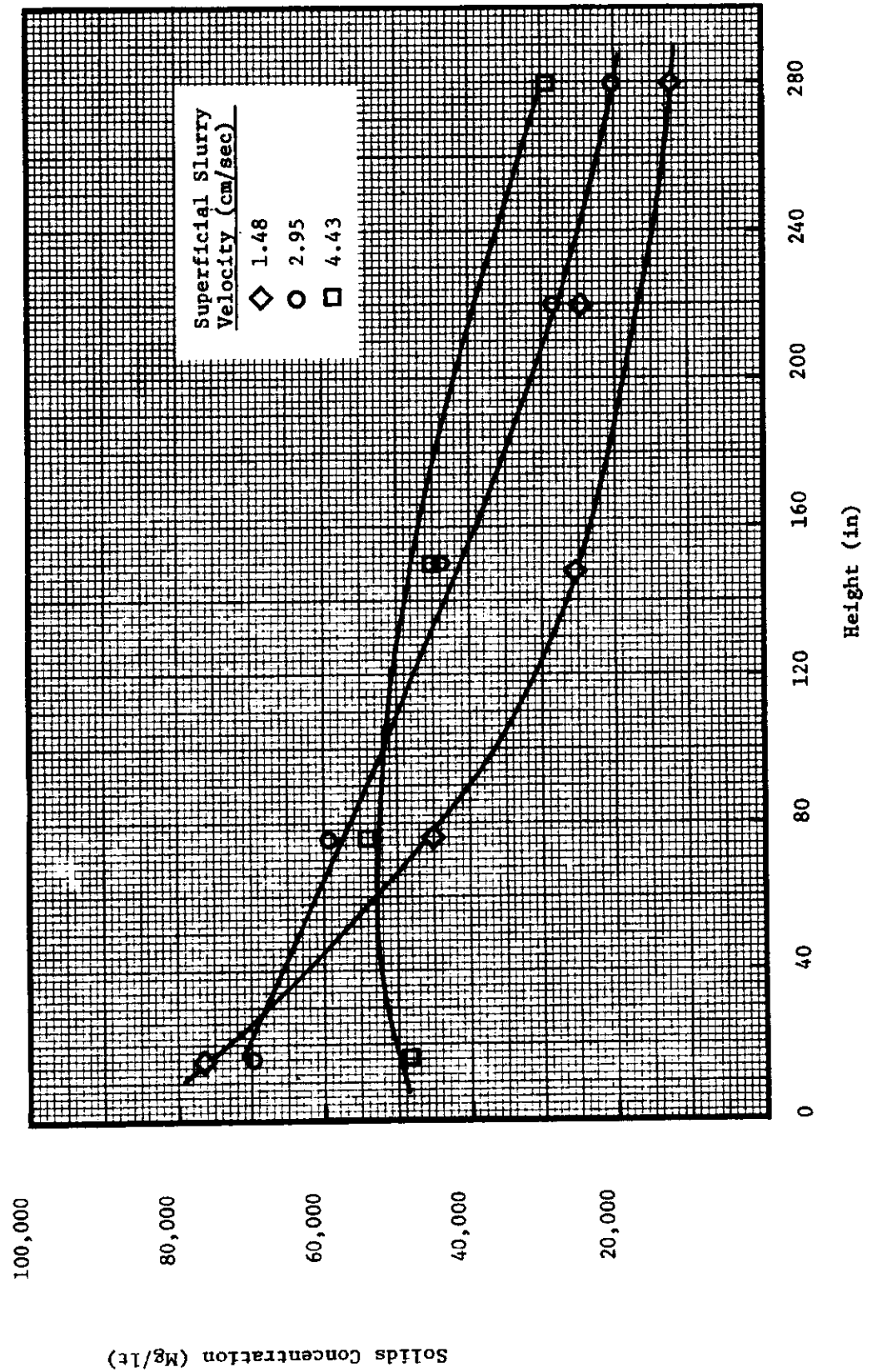


Figure 23
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = .47 cm/sec

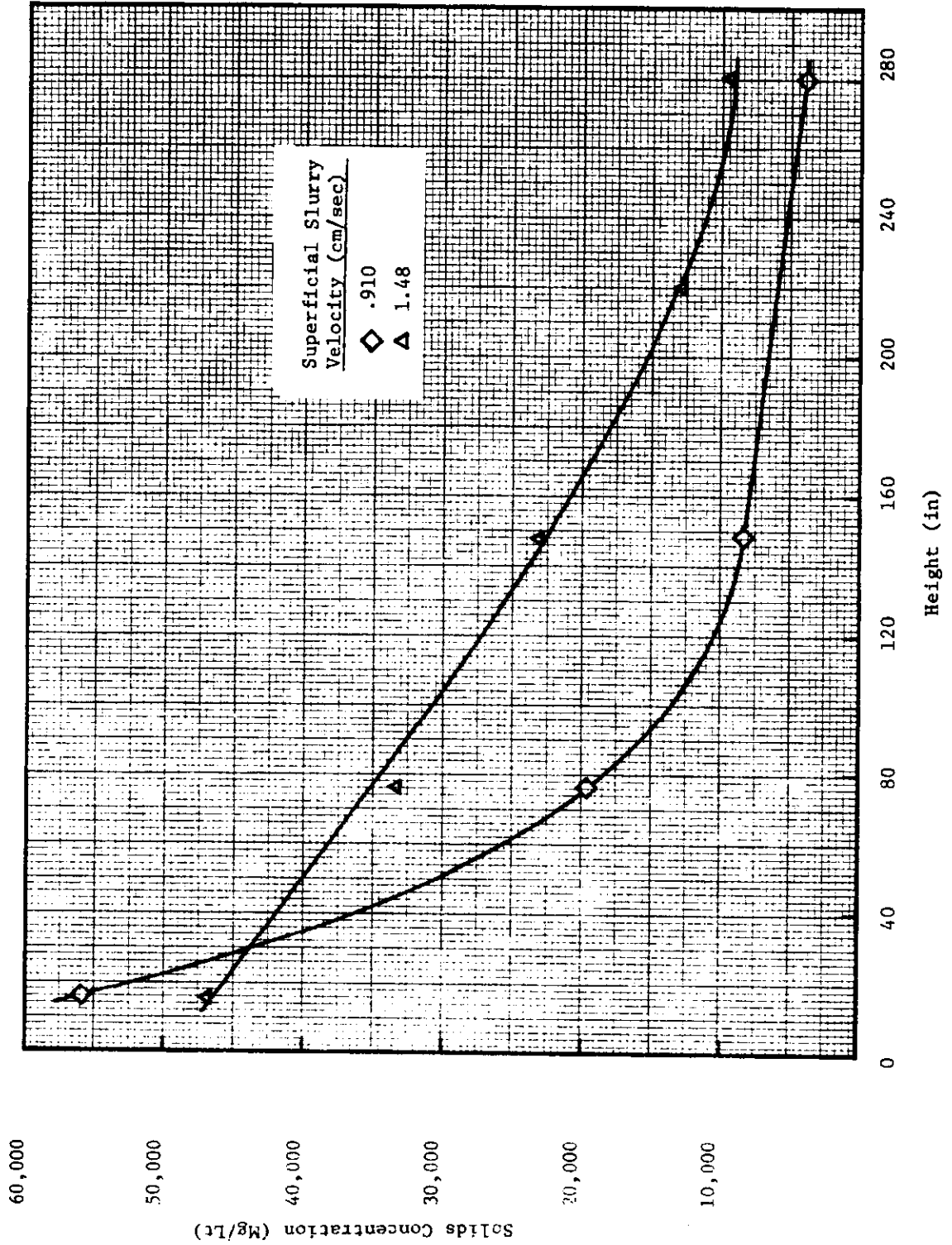


Figure 24
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 1 cm/sec

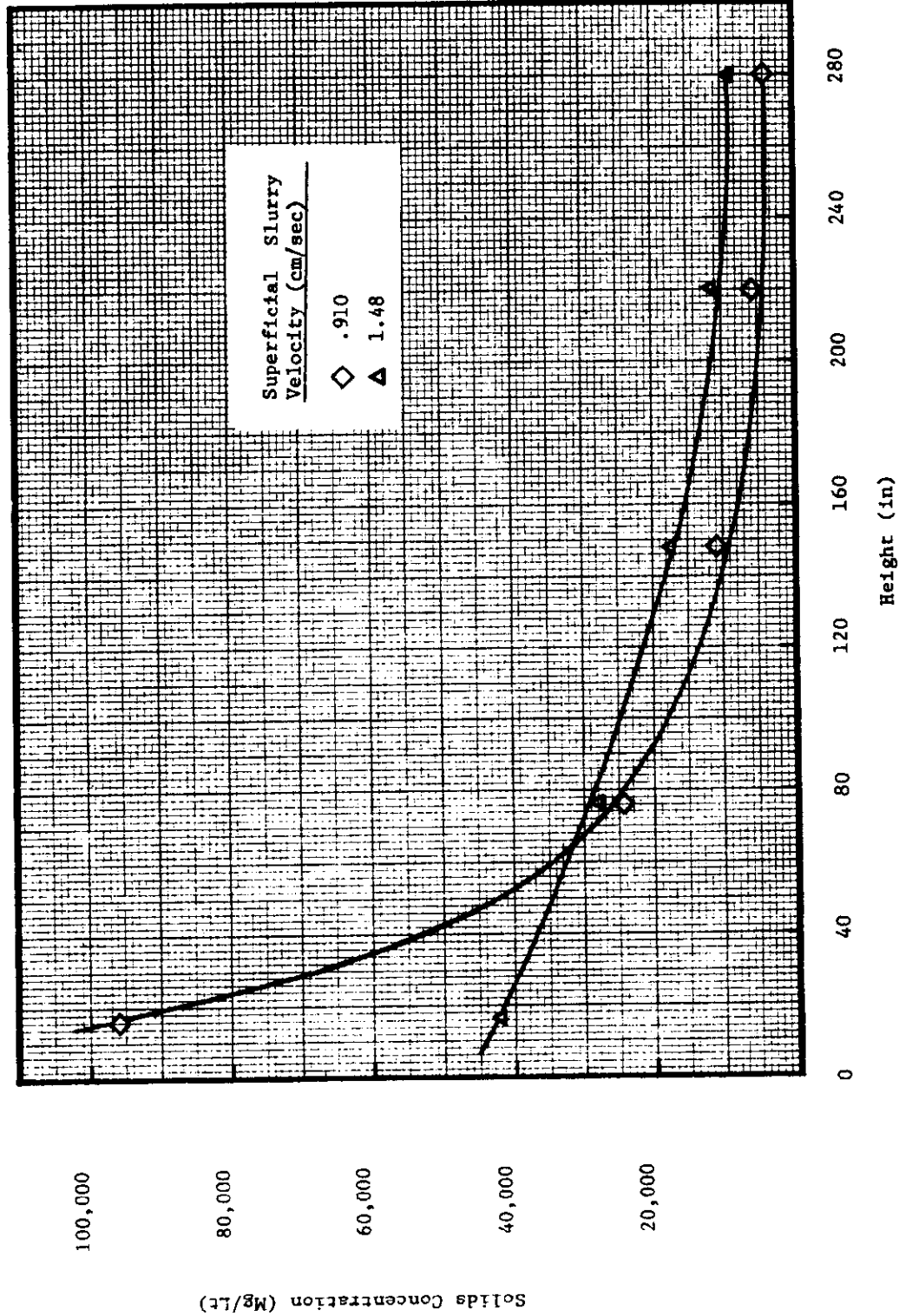


Figure 25
 Concentration Gradient of Solids vs Slurry Superficial Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 2 cm/sec

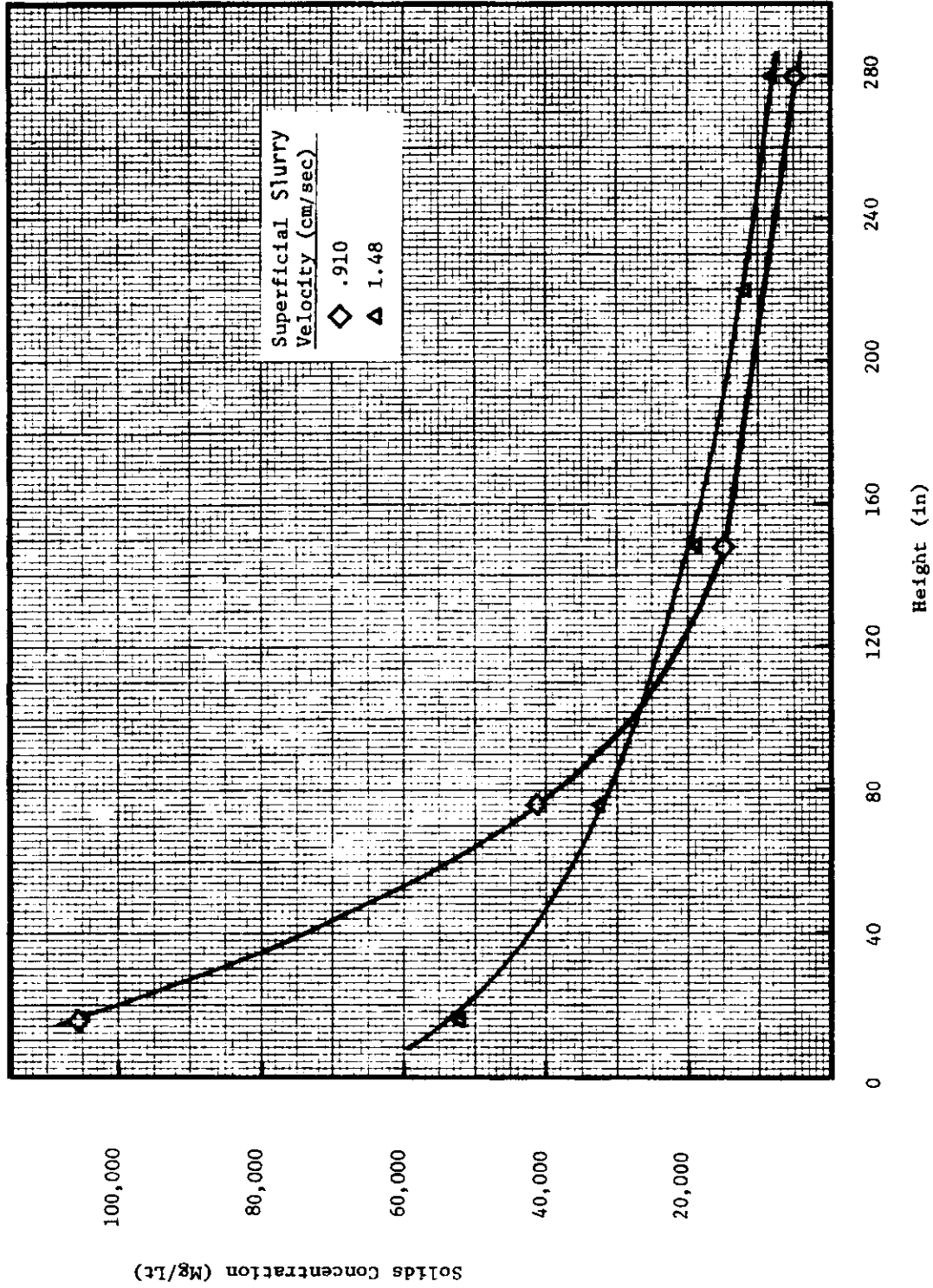


Figure 26
 Concentration Gradient of Solids vs Superficial Slurry Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 2.2 cm/sec

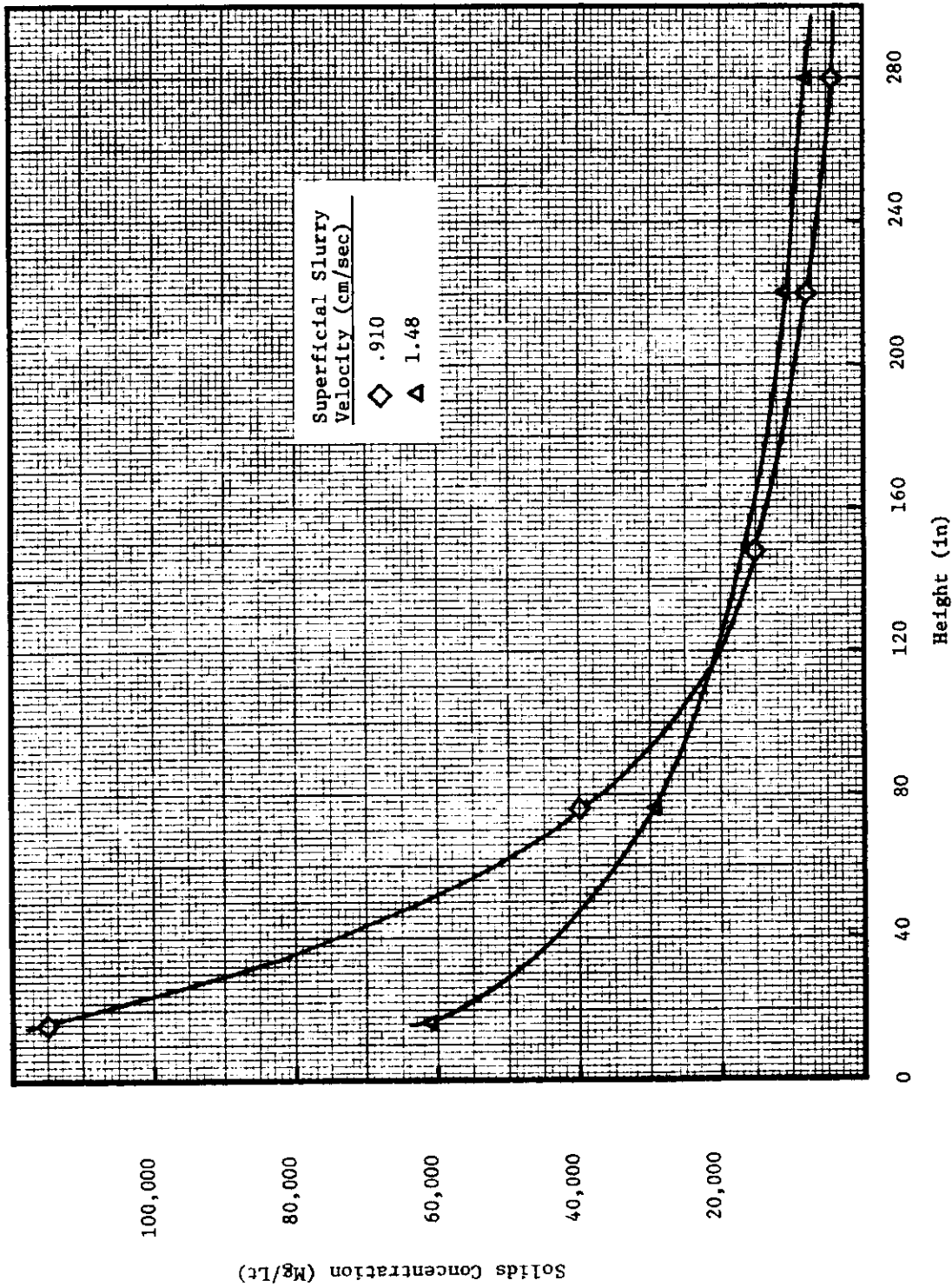


Figure 27
 Concentration Gradient of Solids vs Superficial Slurry Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 3.6 cm/sec

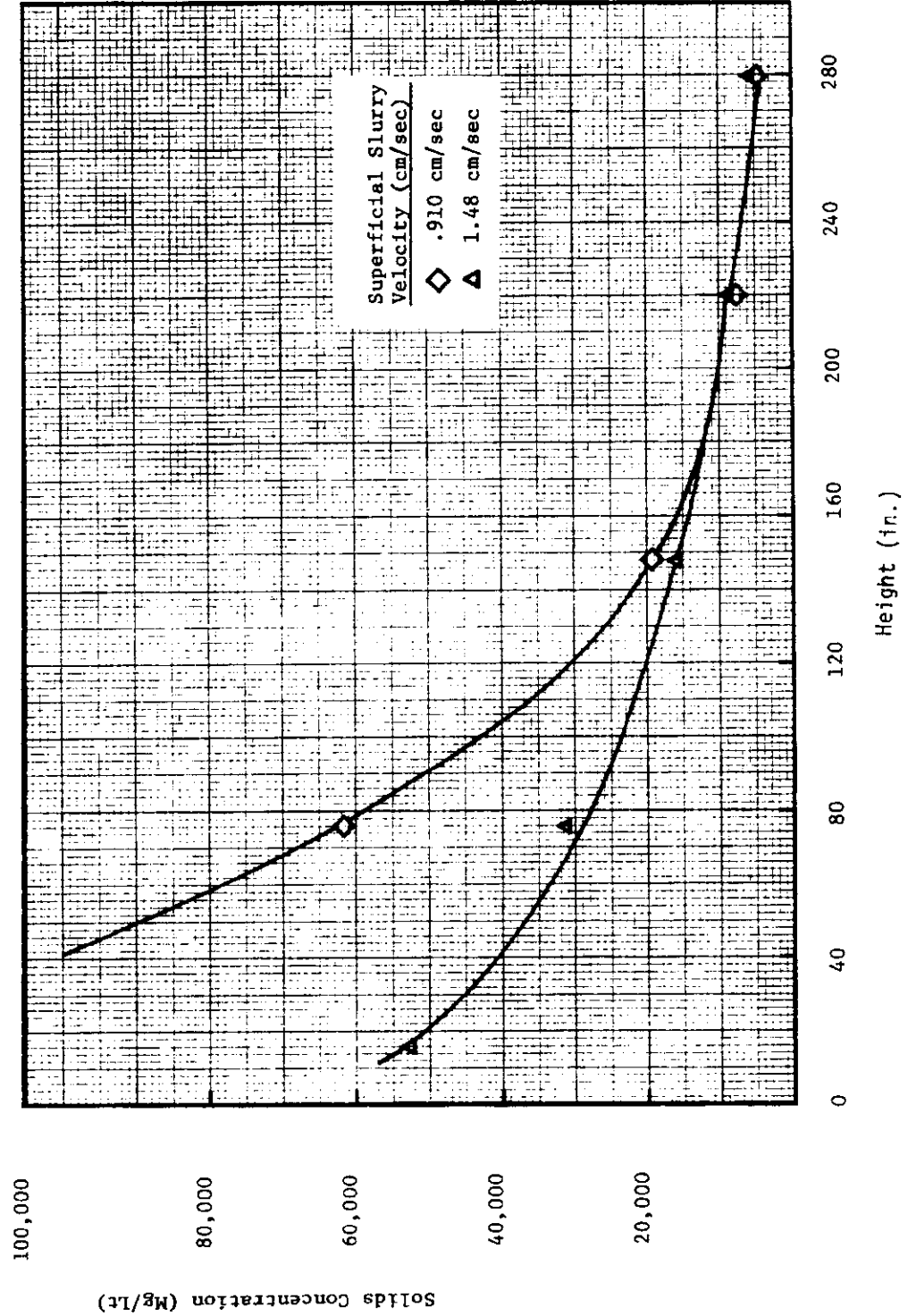


Figure 28
 Concentration Gradient of Solids vs Superficial Slurry Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 5.5 cm/sec

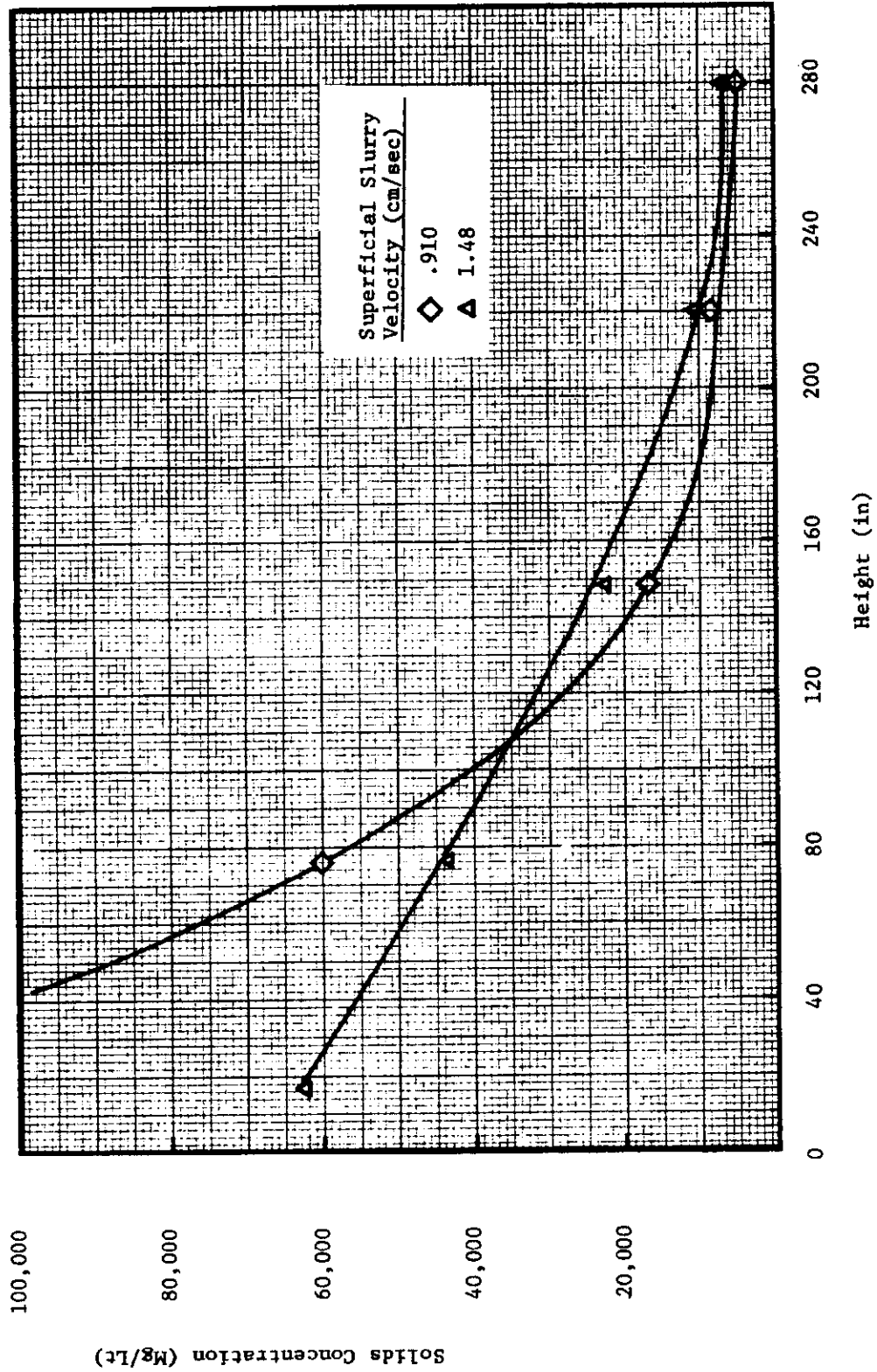


Figure 29
 Concentration Gradient of Solids vs Superficial Slurry Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 7.25 cm/sec

