

Figure 59

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING 140/170 MESH GLASS BEADS
AT LOW CONCENTRATION**

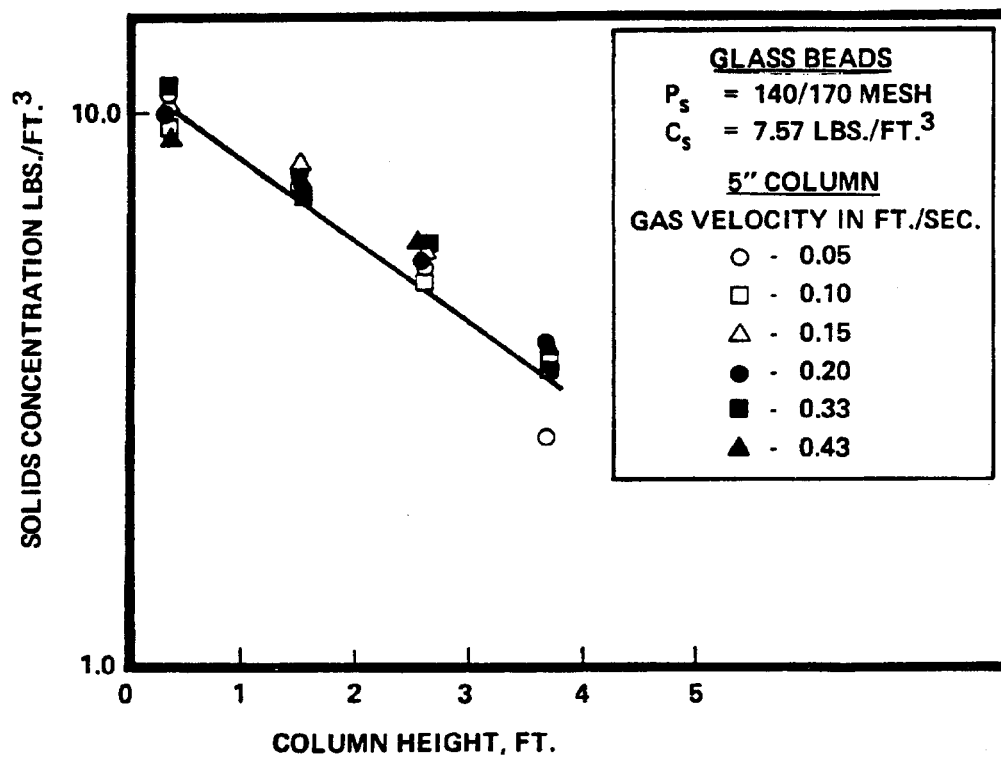


FIGURE 60

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING 140/170 MESH GLASS BEADS
AT HIGH CONCENTRATION**

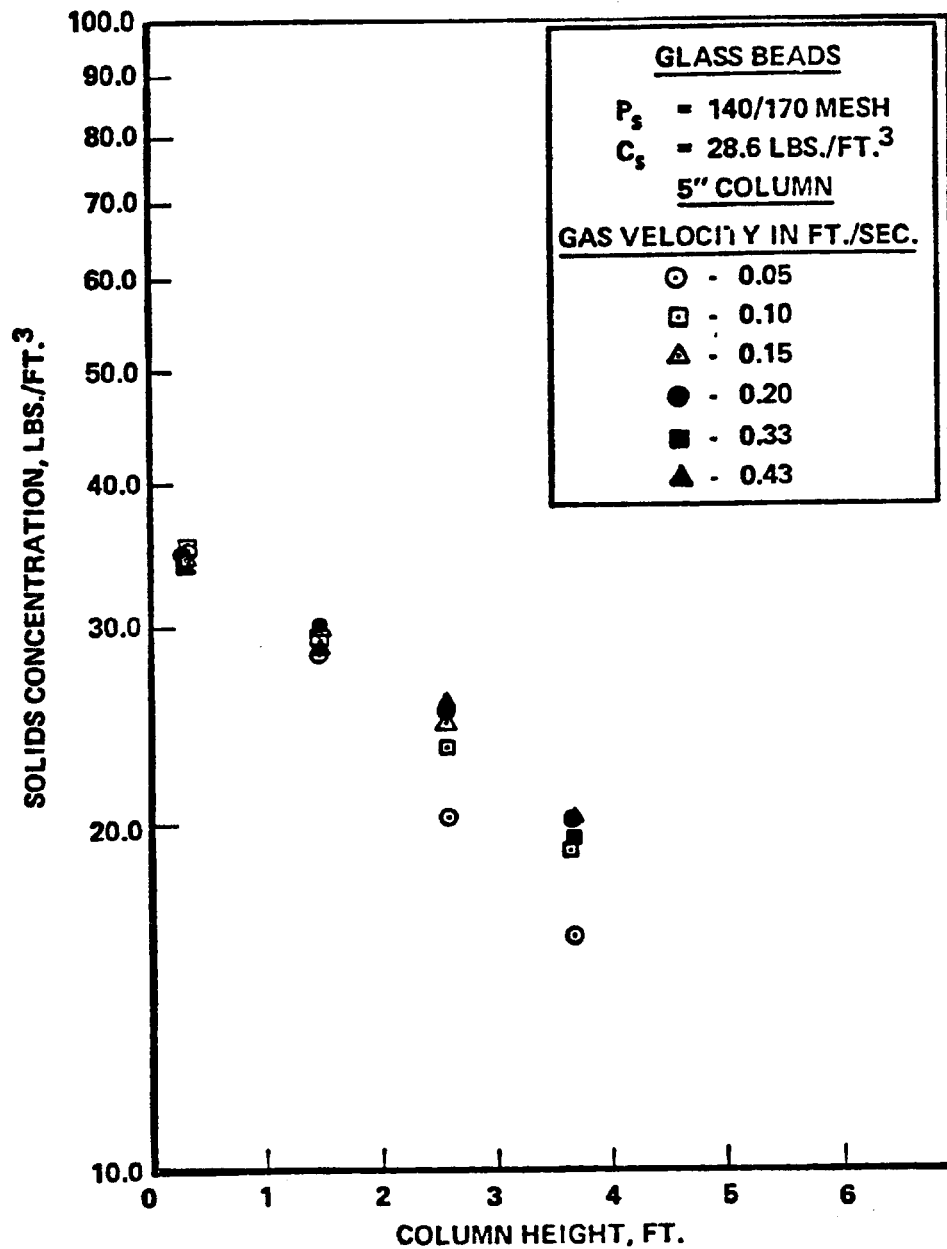


Figure 61

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING -140 MESH SAND
AT LOW CONCENTRATION**

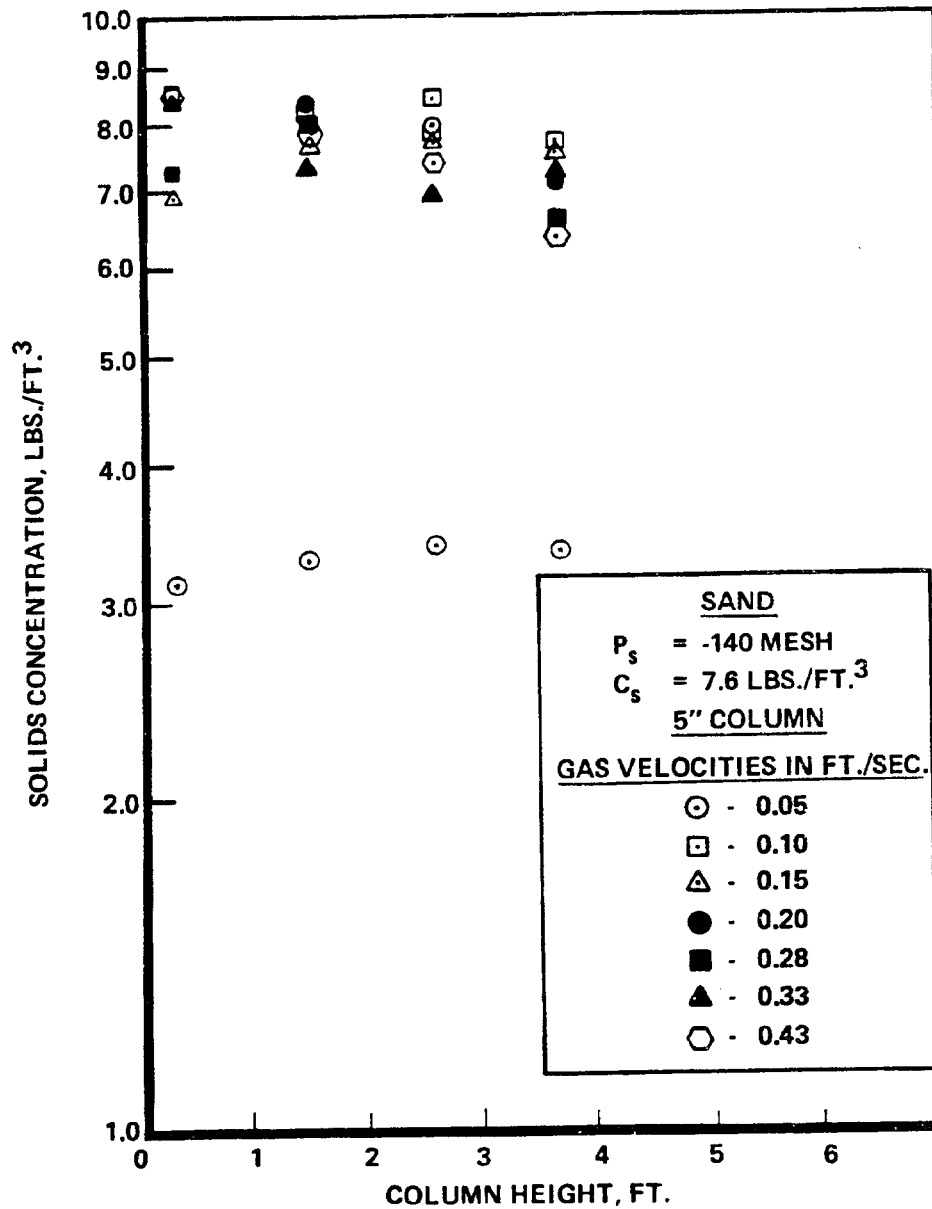


Figure 62

SOLIDS CONCENTRATION vs COLUMN HEIGHT FOR THE 5" COLUMN USING -140 MESH SAND AT HIGH CONCENTRATION

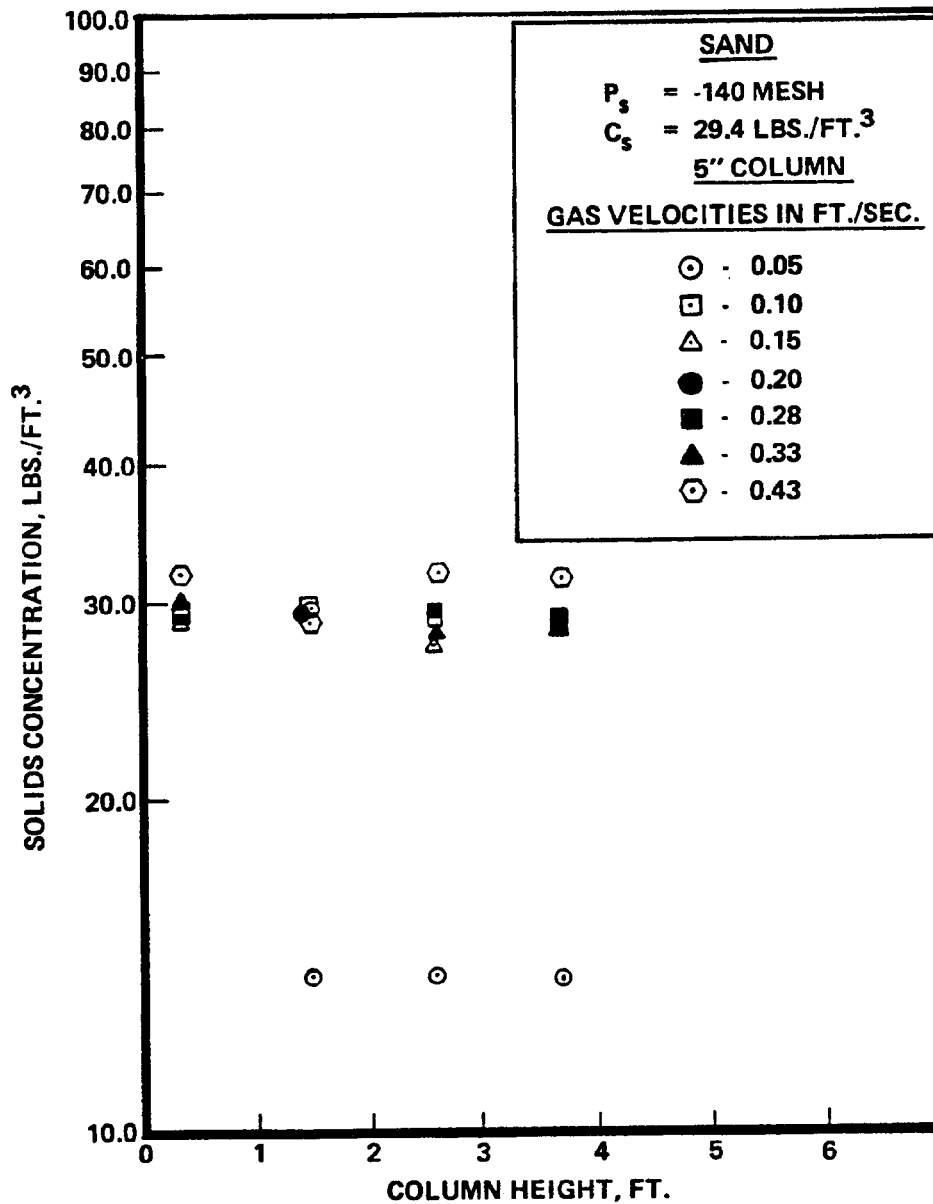


Figure 63

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 12" COLUMN USING -140 MESH SAND
AT LOW CONCENTRATION**

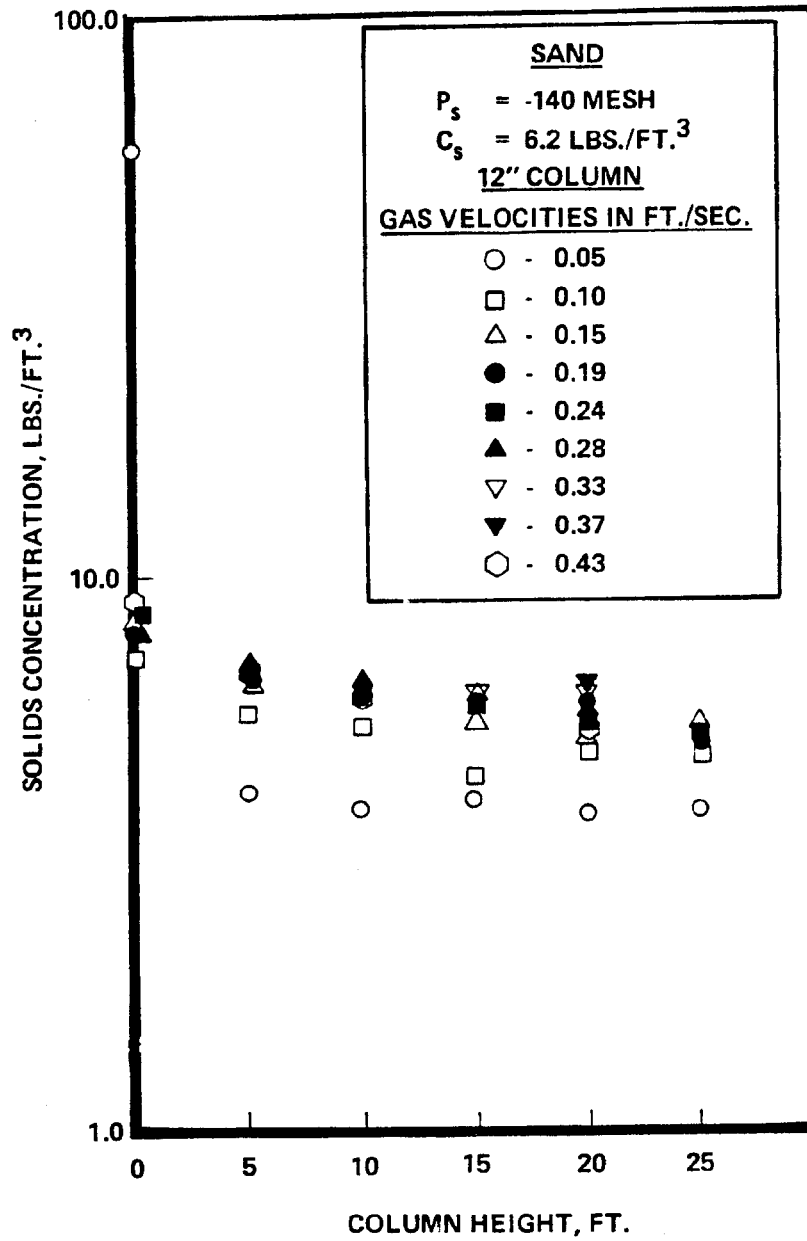


Figure 64

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 12" COLUMN USING -140 MESH SAND
AT HIGH CONCENTRATION**

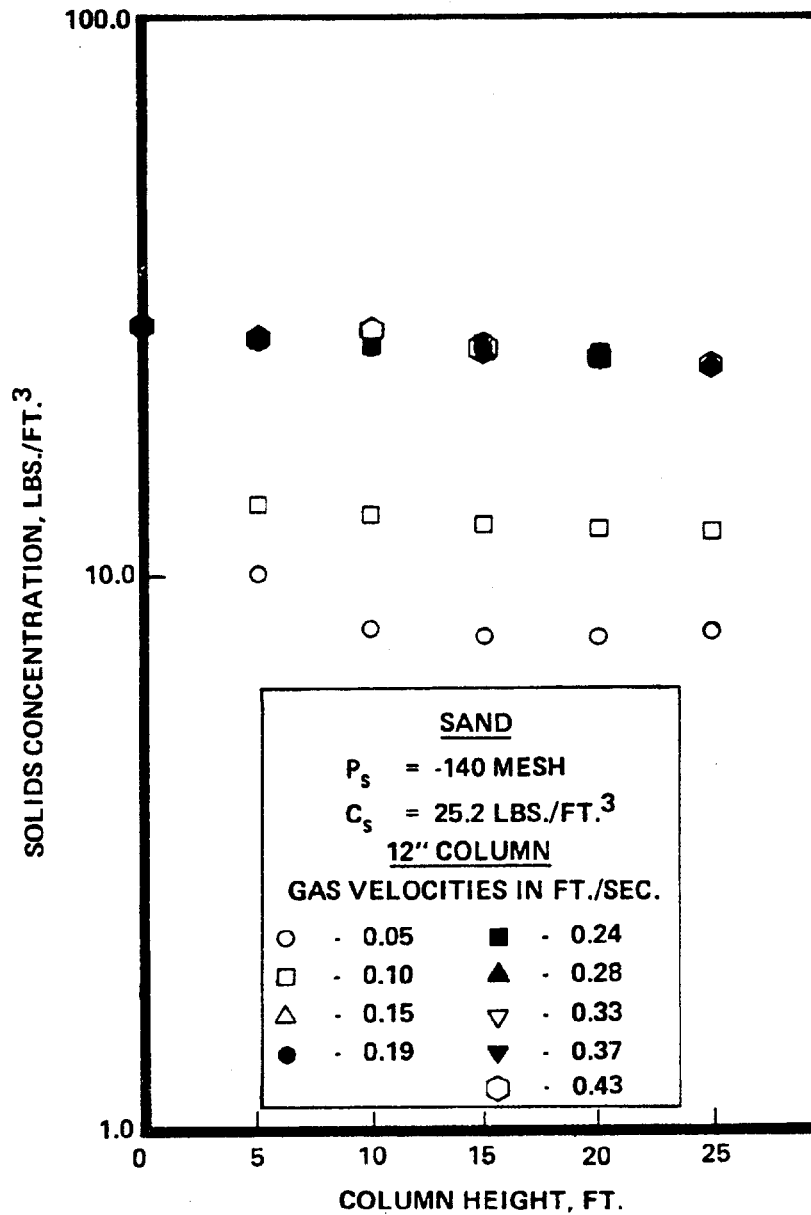


Figure 65

Concentration Versus Length in a 5-Inch Column

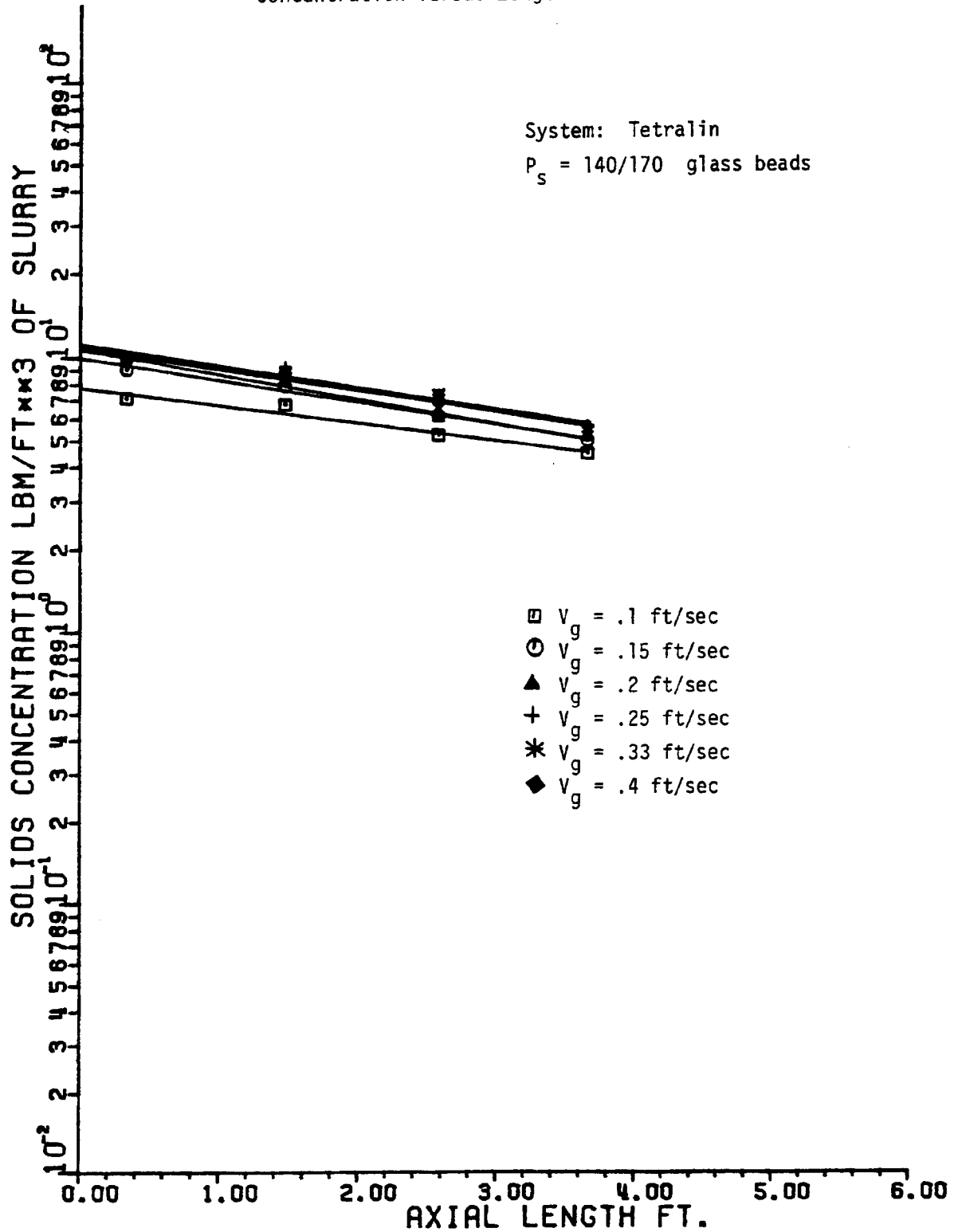


Figure 66

Concentration Versus Length in a 5-Inch Column

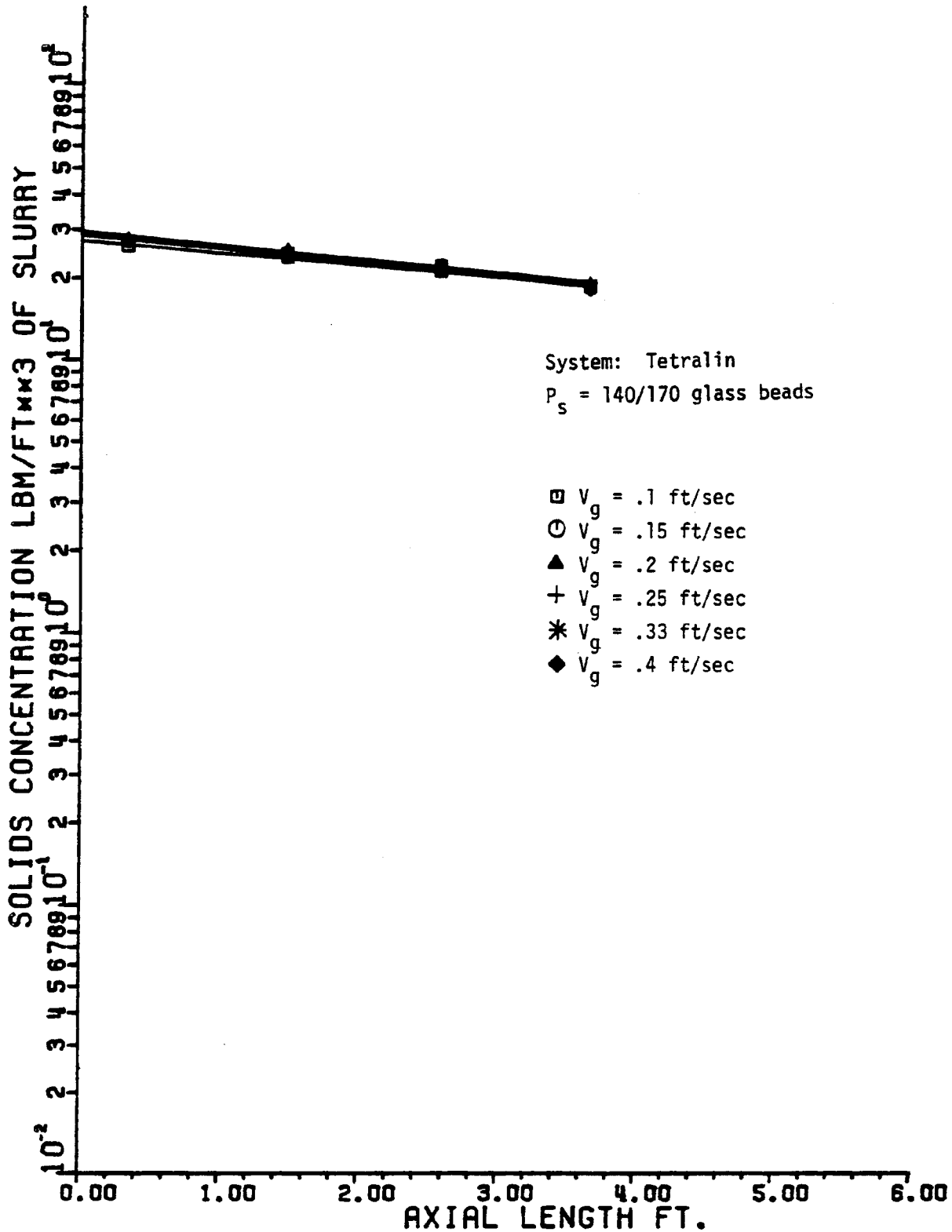


Figure 67
Concentration Versus Length in a 5-Inch Column

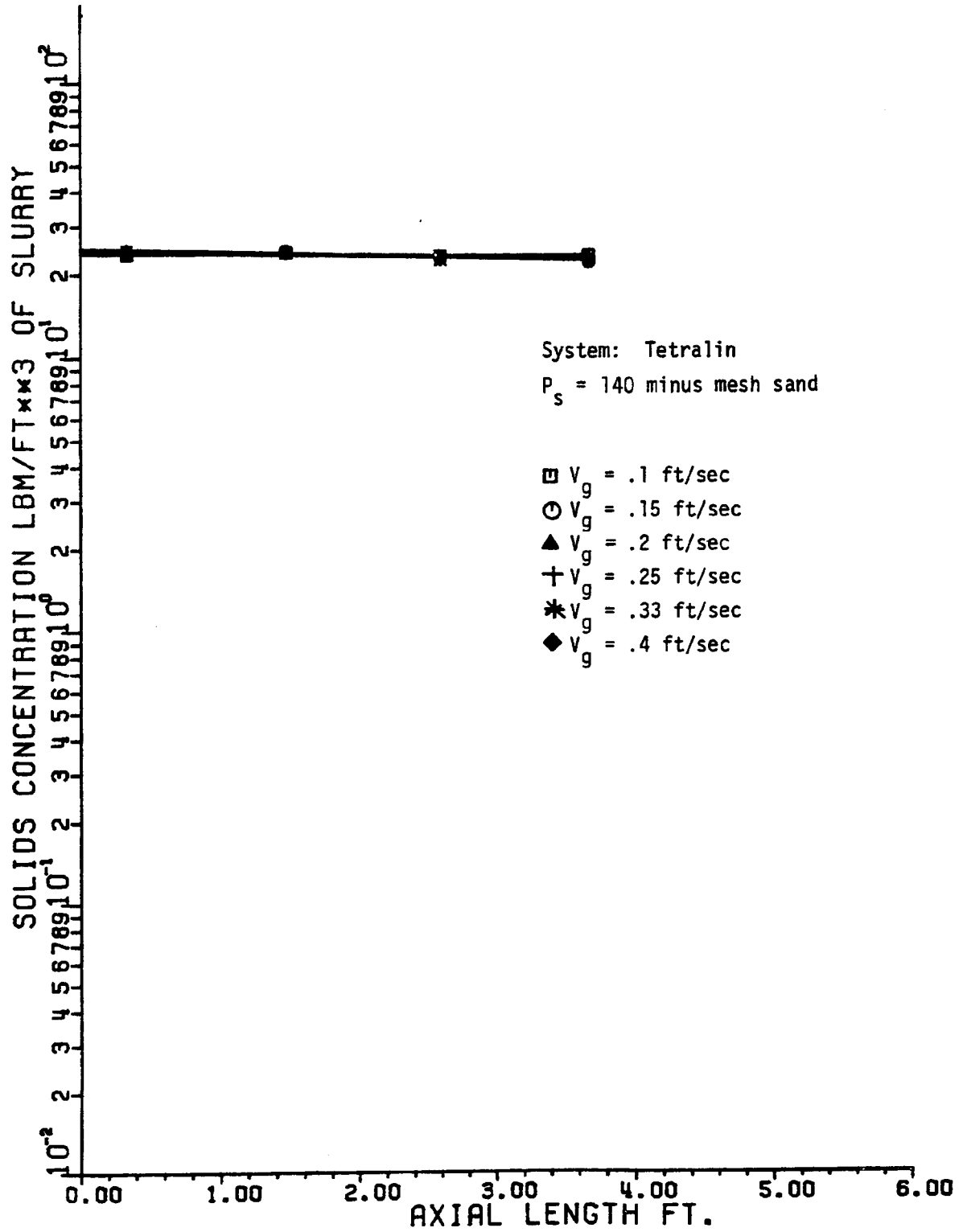


Figure 68

Concentration Versus Length in a 12-Inch Column

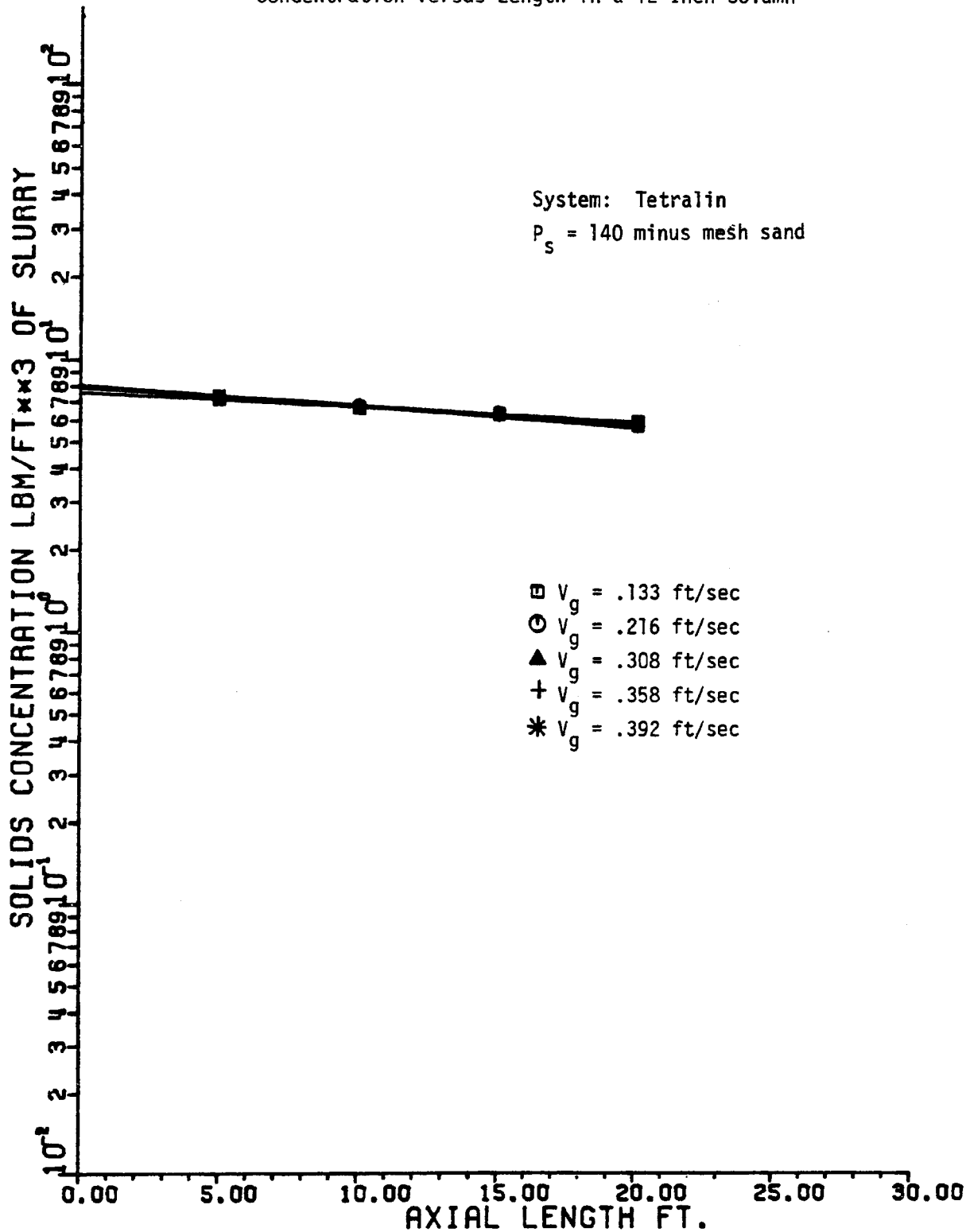


Figure 69

Concentration Versus Length in a 12-Inch Column

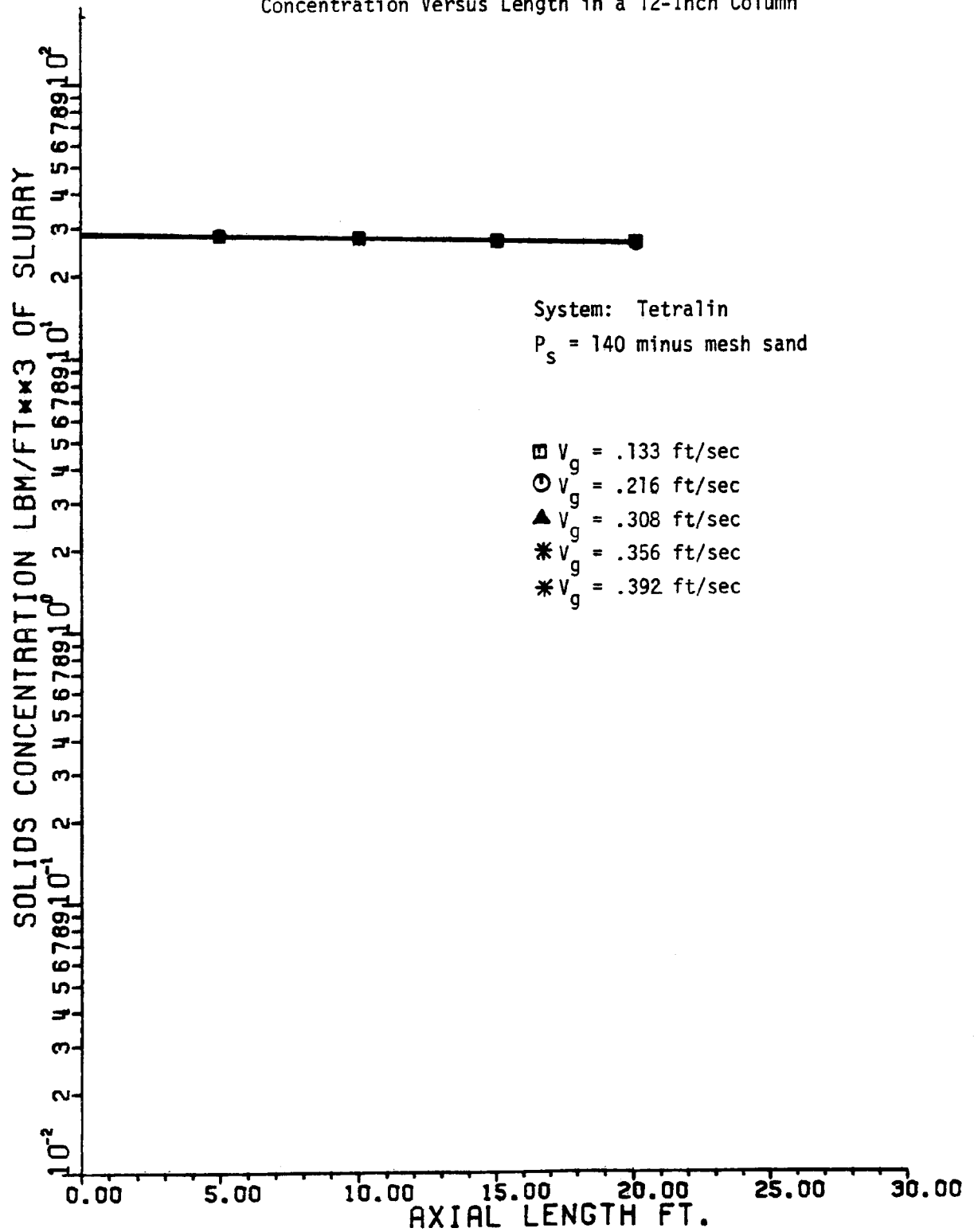


Figure 70

Solids Distribution Concentration Versus Axial Length

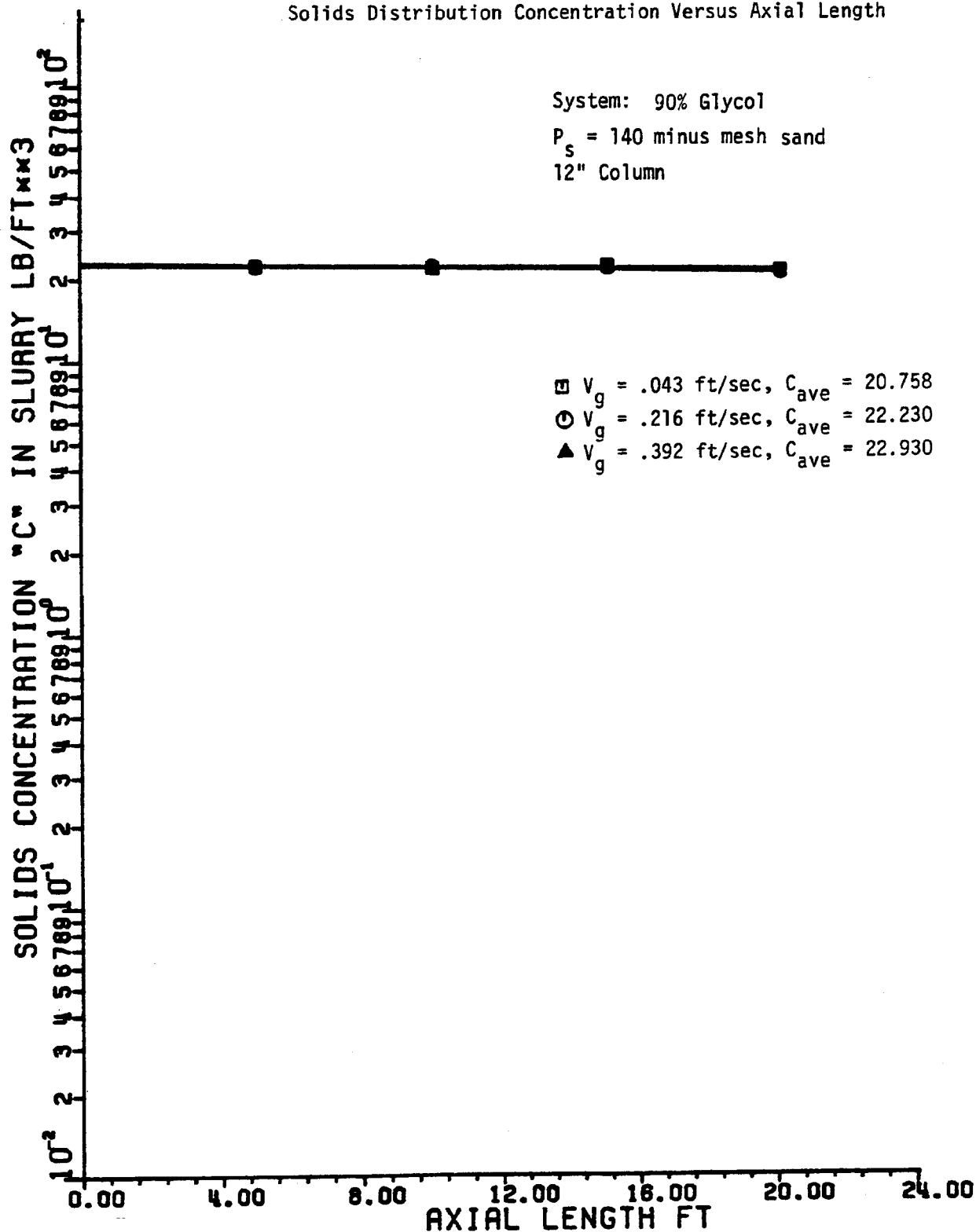


Figure 71

Solids Distribution Concentration Versus Axial Length

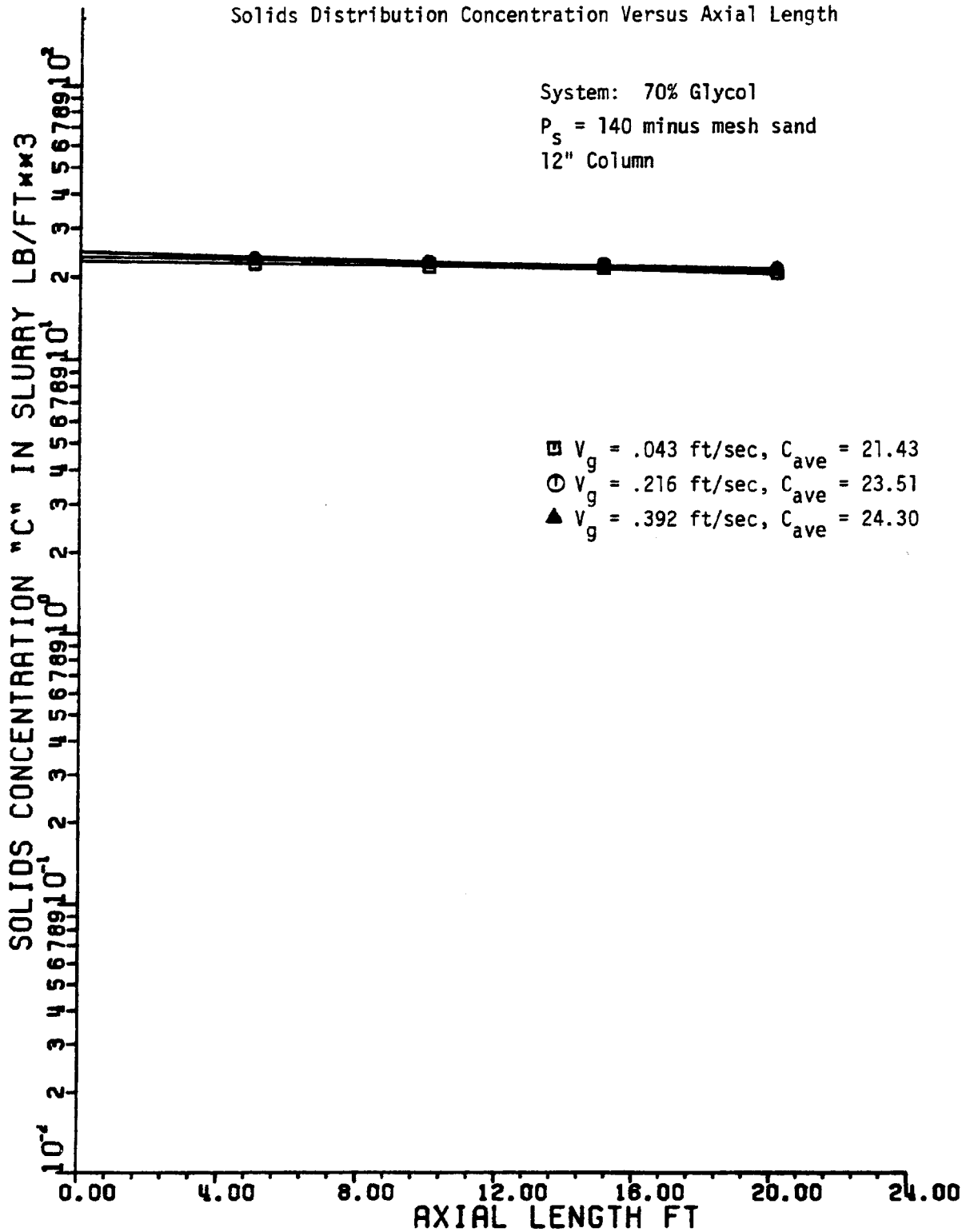


Figure 72

Concentration Versus Length in a 12-Inch Column

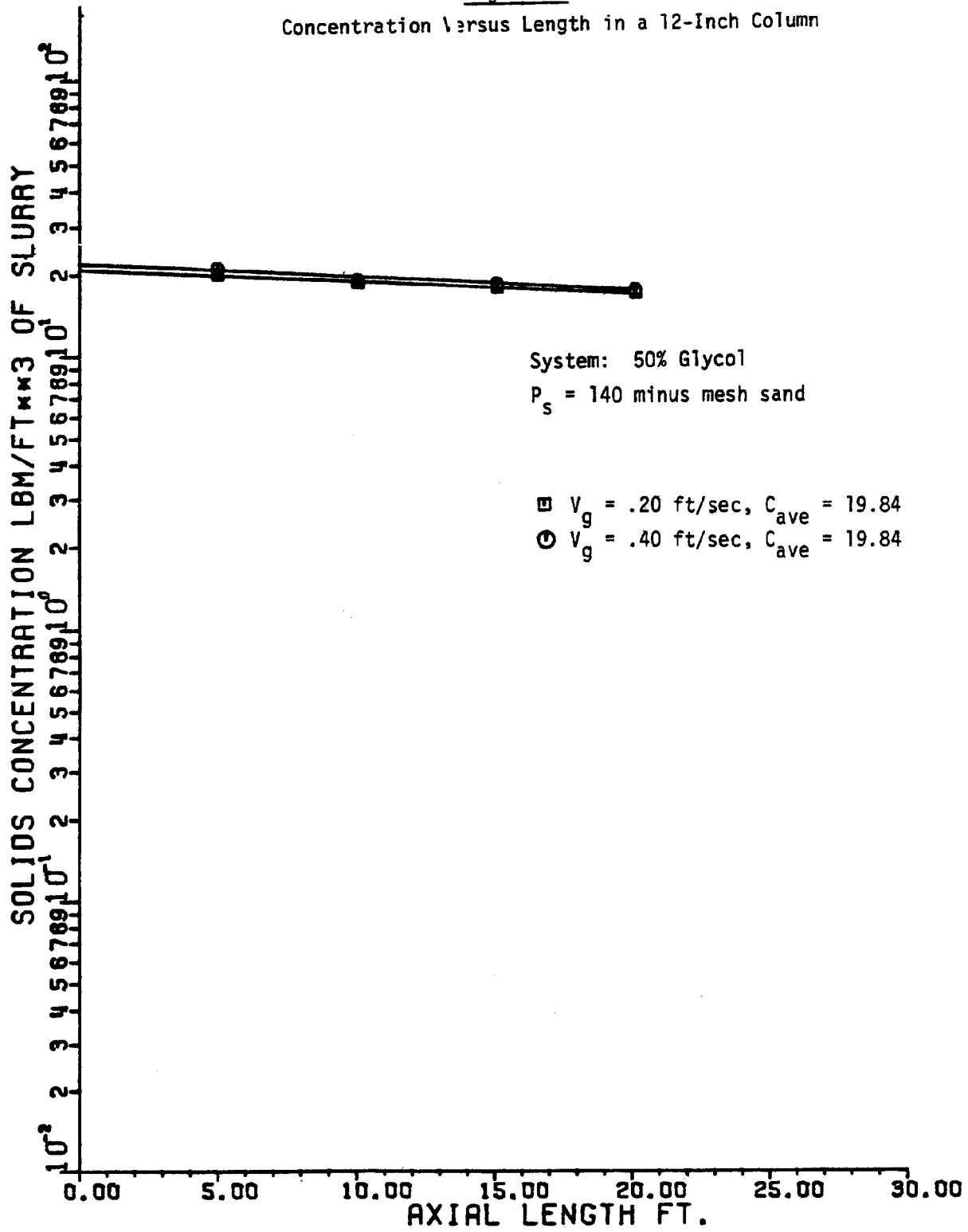


Figure 73

Concentration Versus Length in a 12-Inch Column

System: 50% Glycol

$P_s = 140$ minus mesh sand

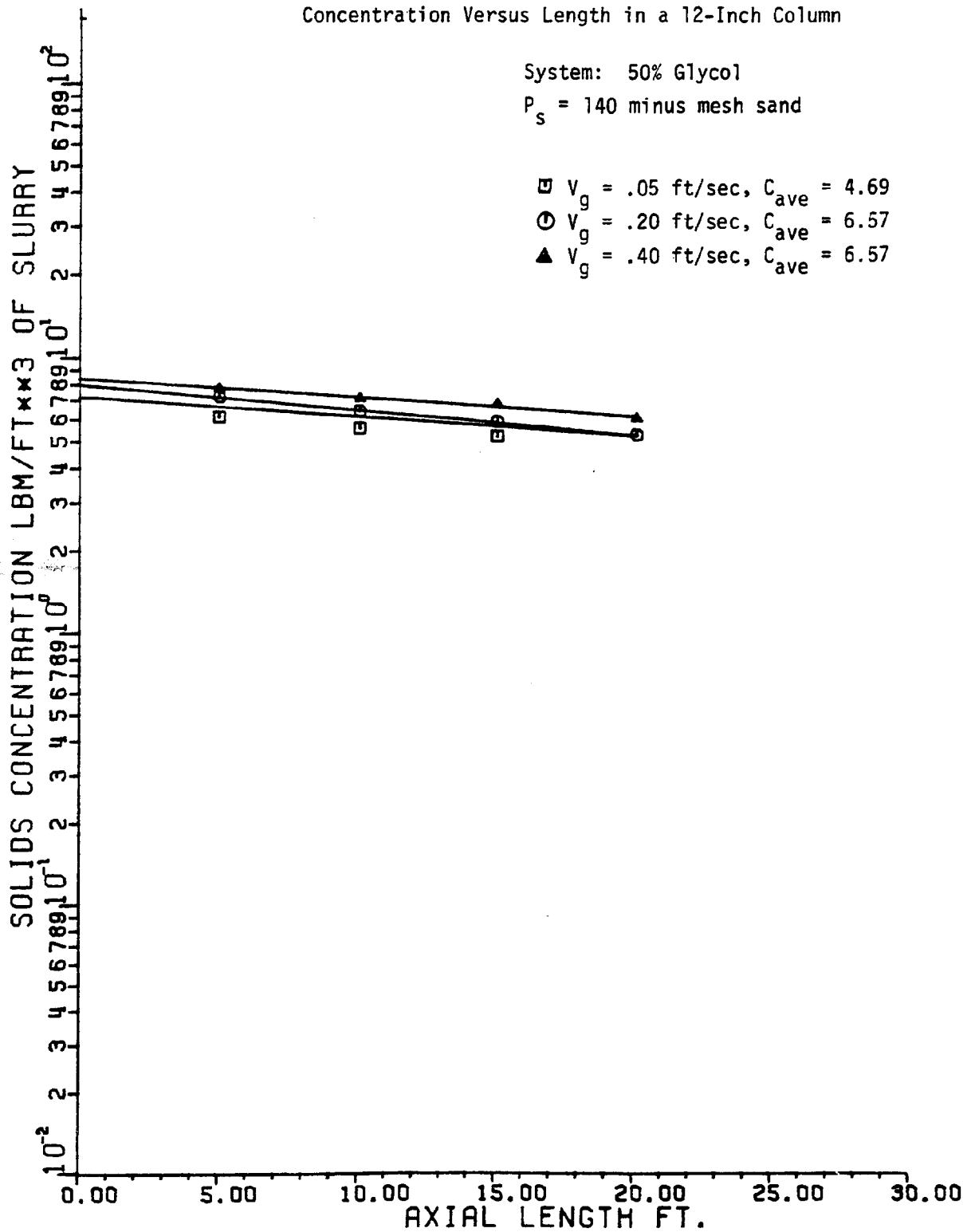


Figure 74

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING 60/70 MESH GLASS BEADS
AT LOW CONCENTRATION**

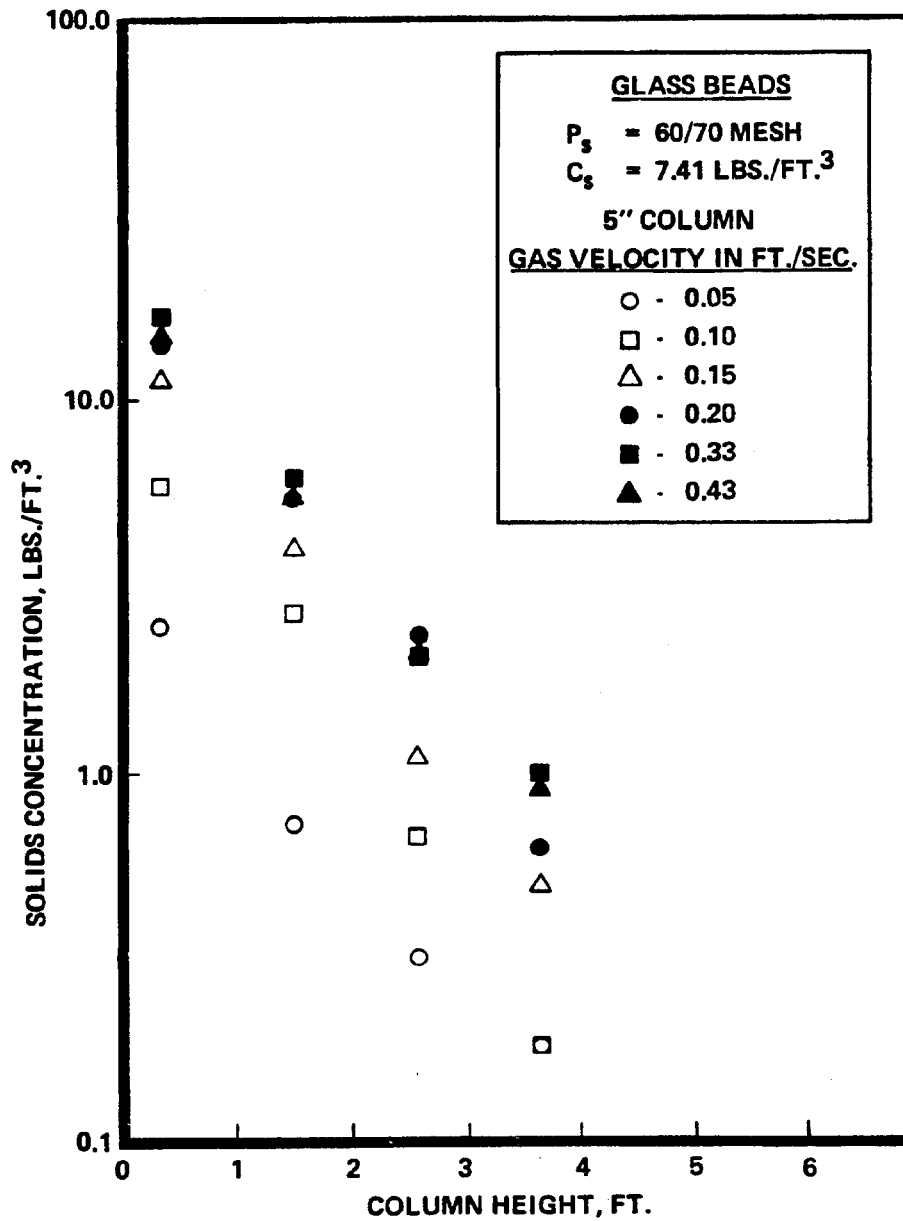


Figure 75

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING 60/70 MESH GLASS BEADS
AT HIGH CONCENTRATION**

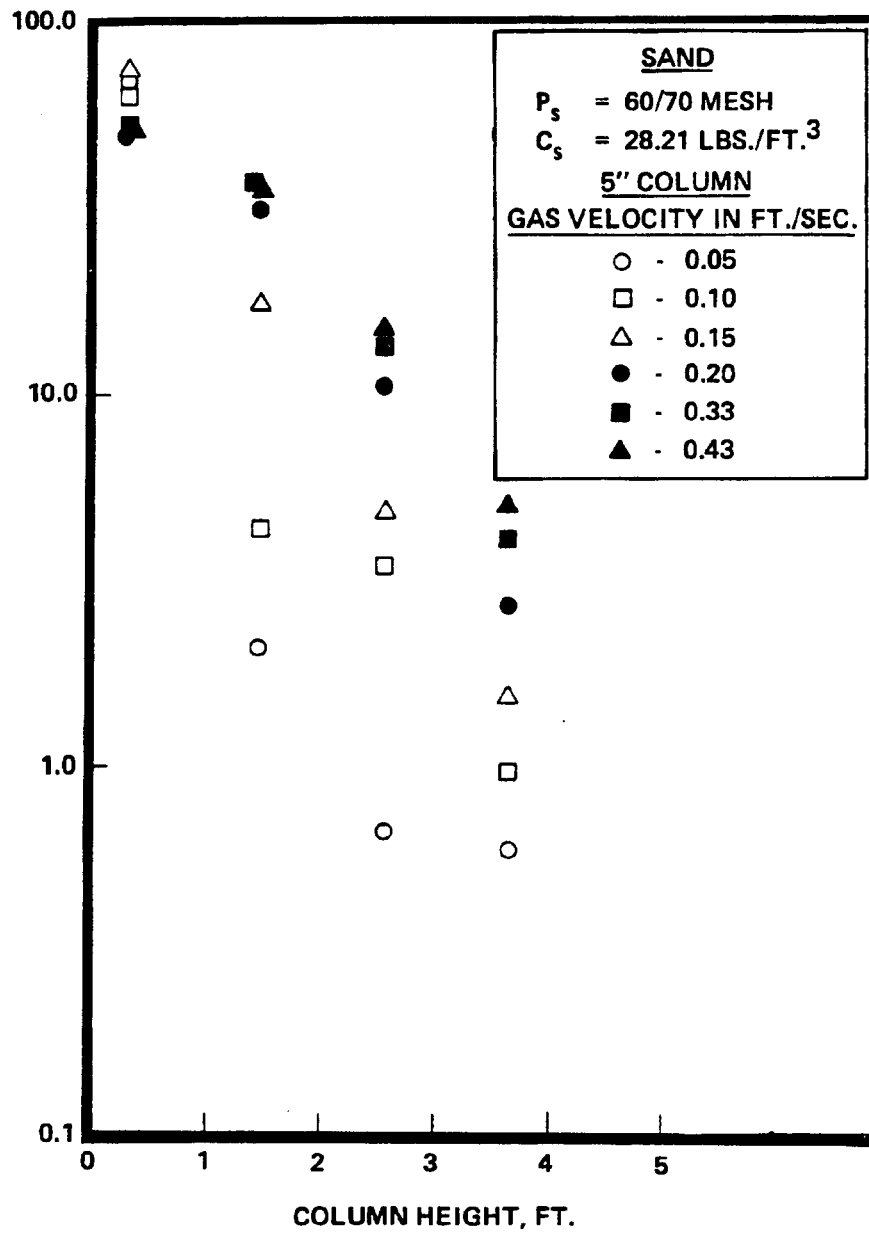


Figure 76

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 5" COLUMN USING 60/70 MESH SAND
AT LOW CONCENTRATION**

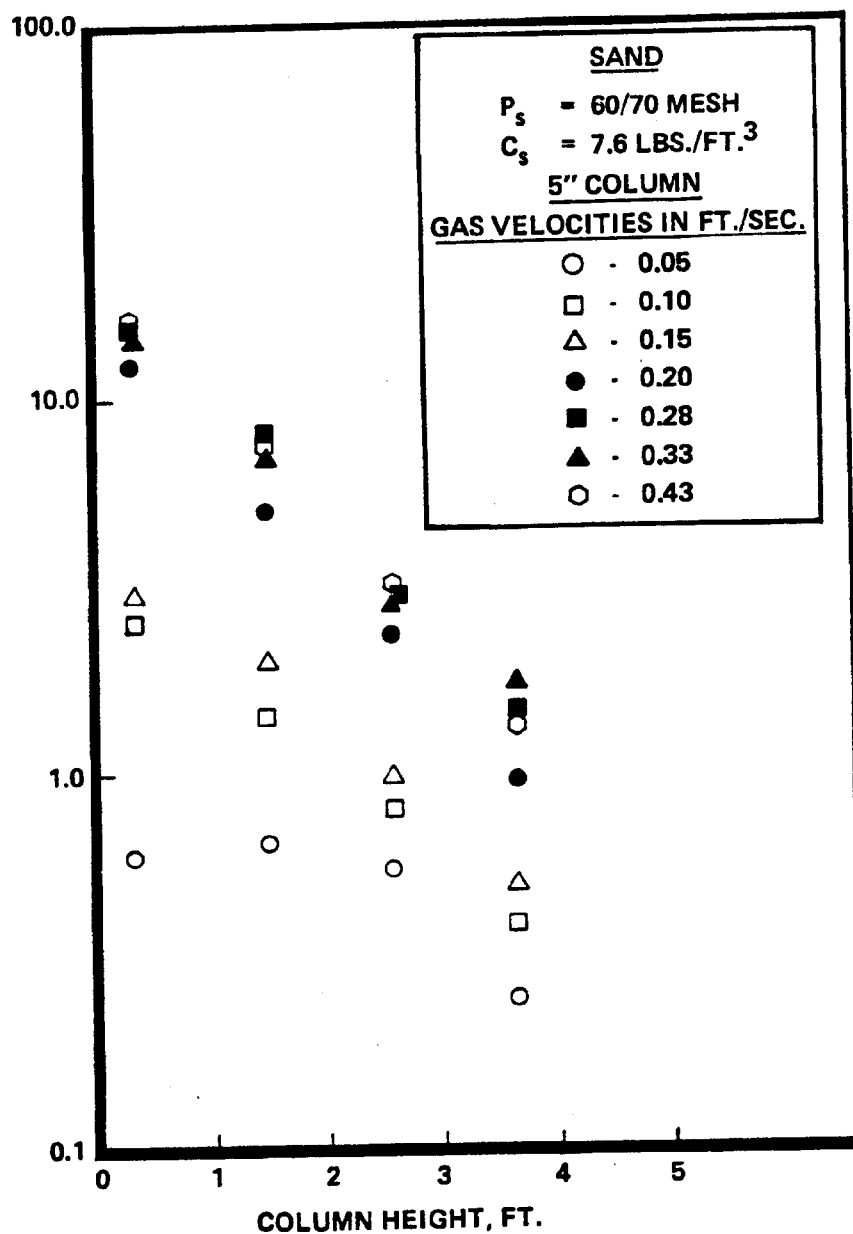


Figure 77

SOLIDS CONCENTRATION vs COLUMN HEIGHT FOR THE 5" COLUMN USING 60/70 MESH SAND AT HIGH CONCENTRATION

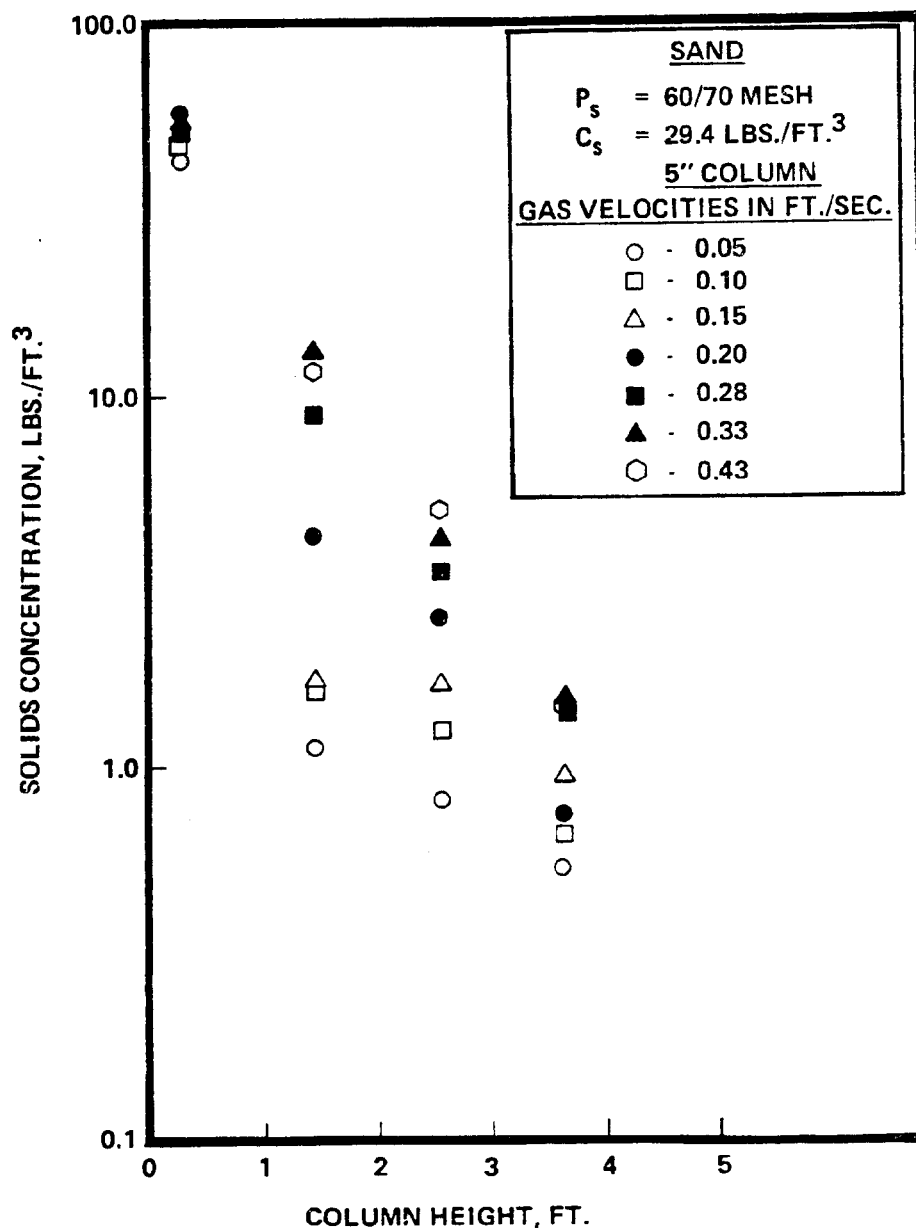


Figure 78

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 12" COLUMN USING 60/80 MESH SAND
AT LOW CONCENTRATION**

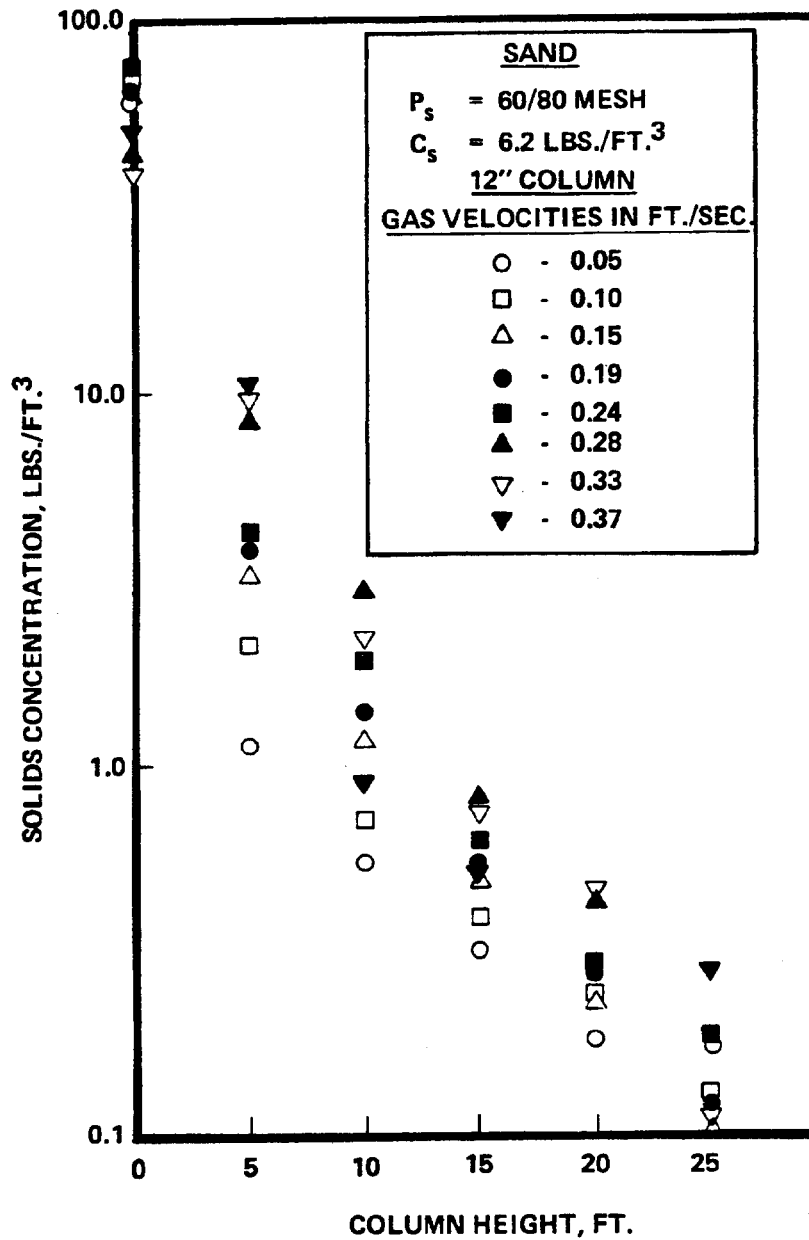


Figure 79

**SOLIDS CONCENTRATION vs COLUMN HEIGHT
FOR THE 12" COLUMN USING 60/80 MESH SAND
AT HIGH CONCENTRATION**

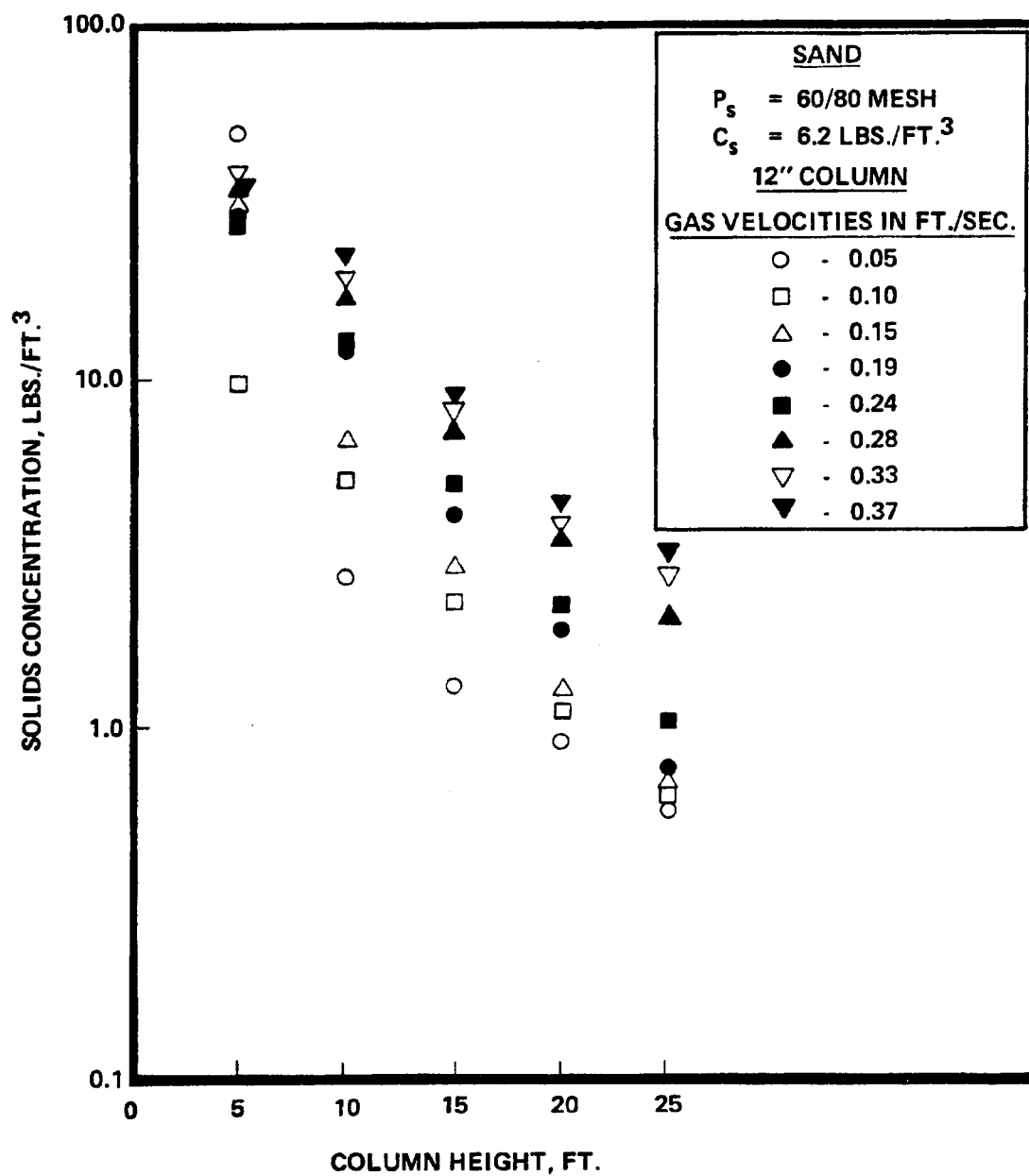


Figure 80

Concentration Versus Length in a 5-Inch Column

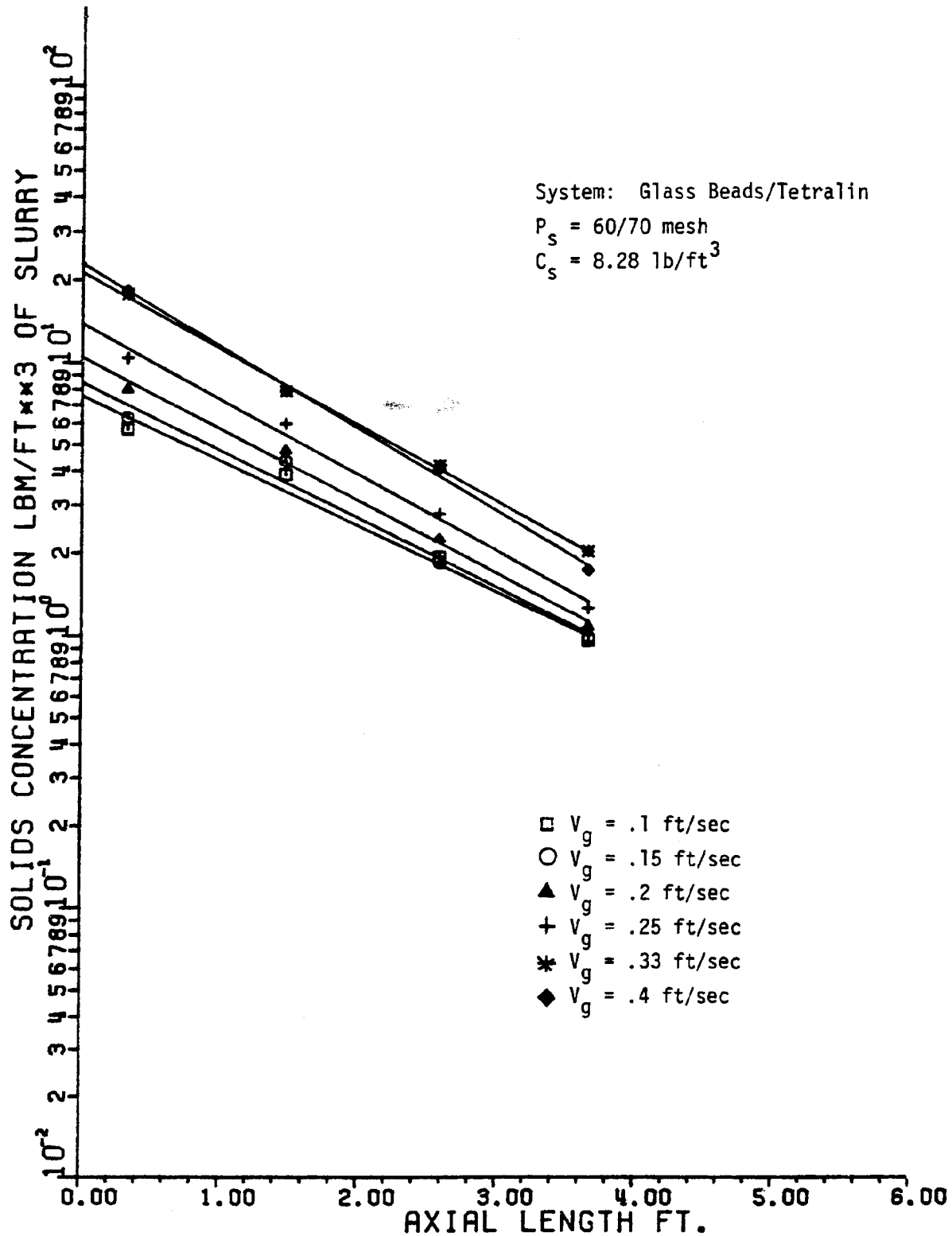


Figure 81
Concentration Versus Length in a 5-Inch Column

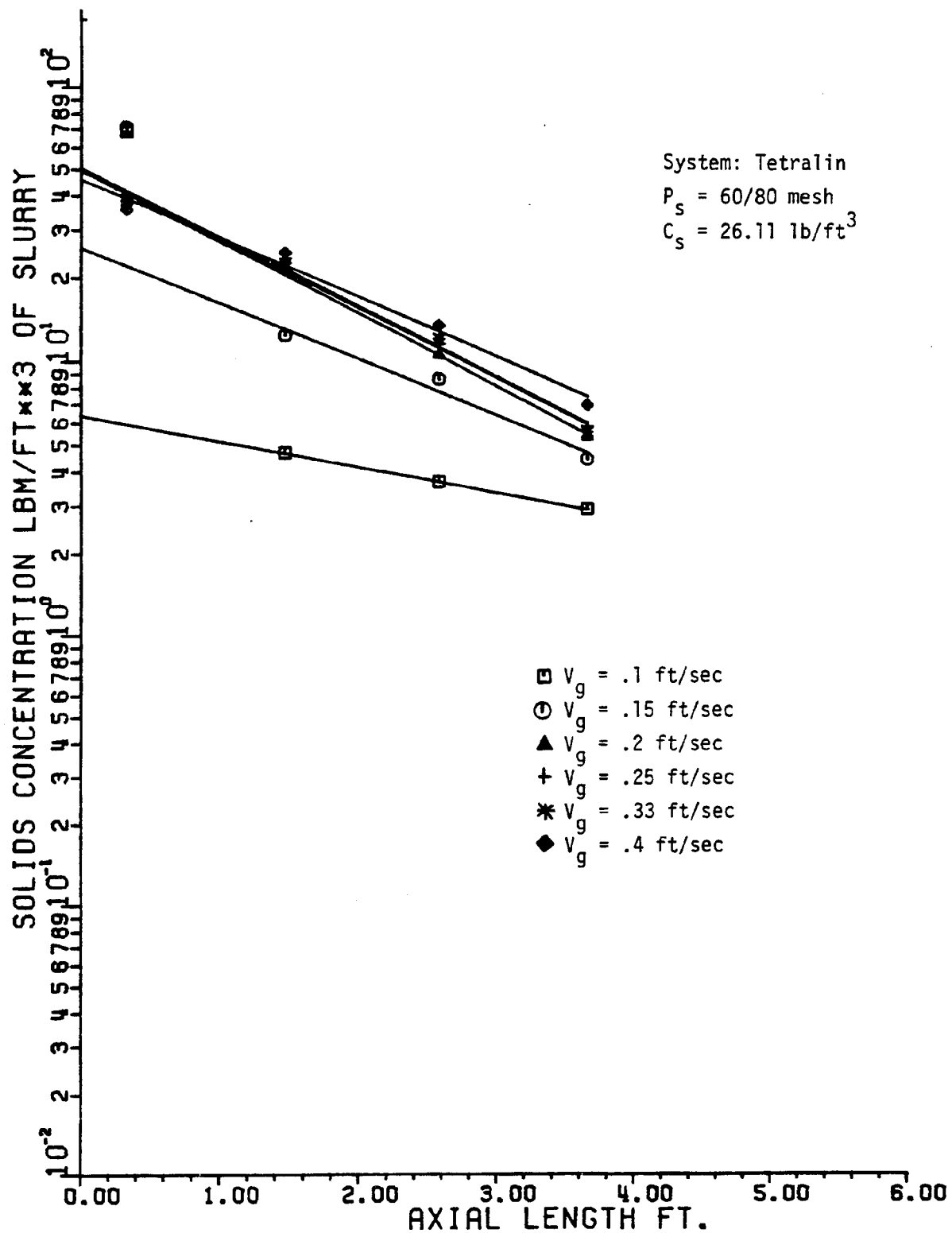


Figure 82

Concentration Versus Length in a 5-Inch Column

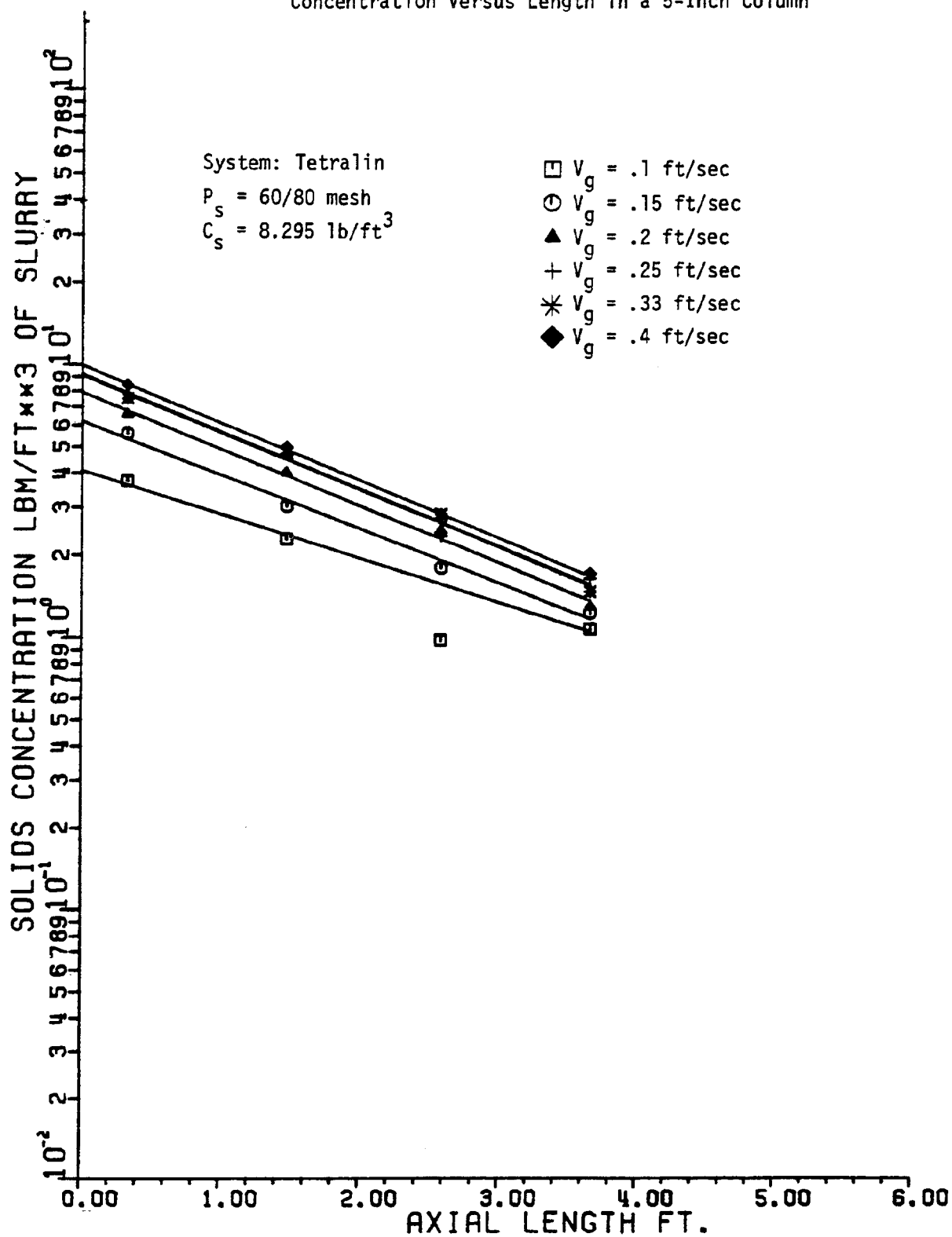


Figure 83

Concentration Versus Length in a 12-Inch Column

System: Tetralin

$P_s = 60/80$ mesh

$C_s = 6.65 \text{ lb/ft}^3$

□ $V_g = .133 \text{ ft/sec}$

○ $V_g = .216 \text{ ft/sec}$

▲ $V_g = .308 \text{ ft/sec}$

+ $V_g = .356 \text{ ft/sec}$

* $V_g = .392 \text{ ft/sec}$

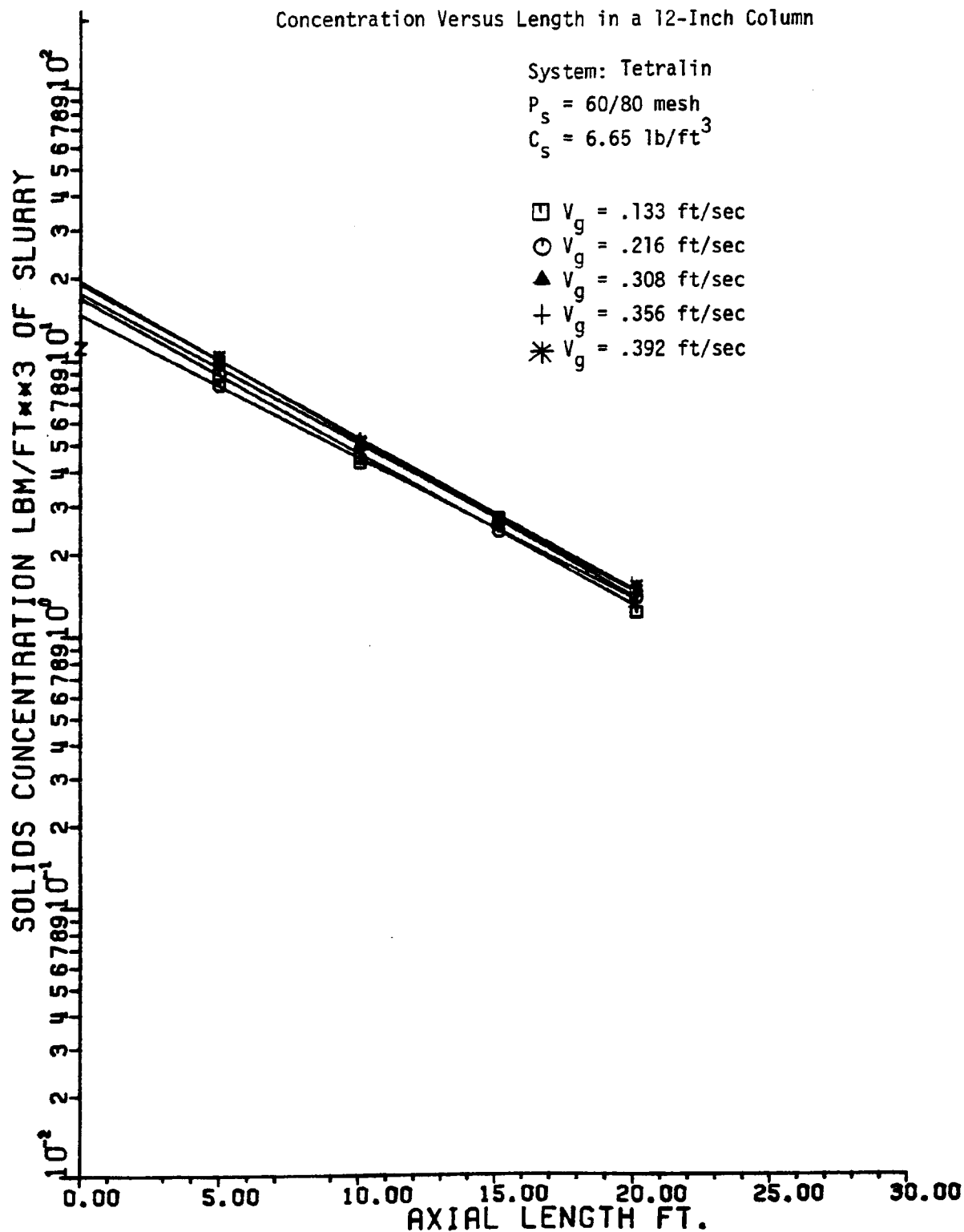


Figure 84
Concentration Versus Length in a 12-Inch Column

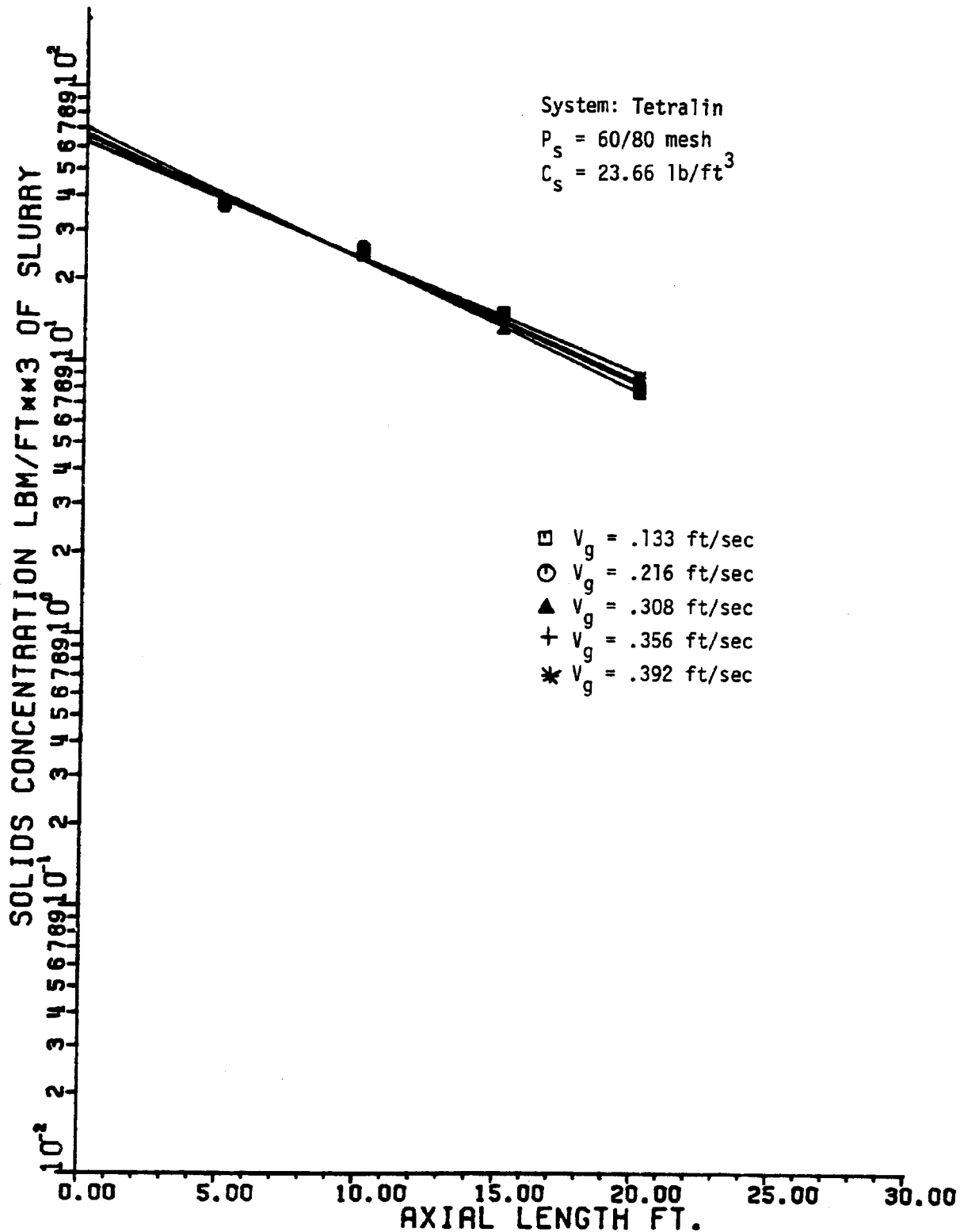


Figure 85

Solids Distribution Concentration versus Axial Length

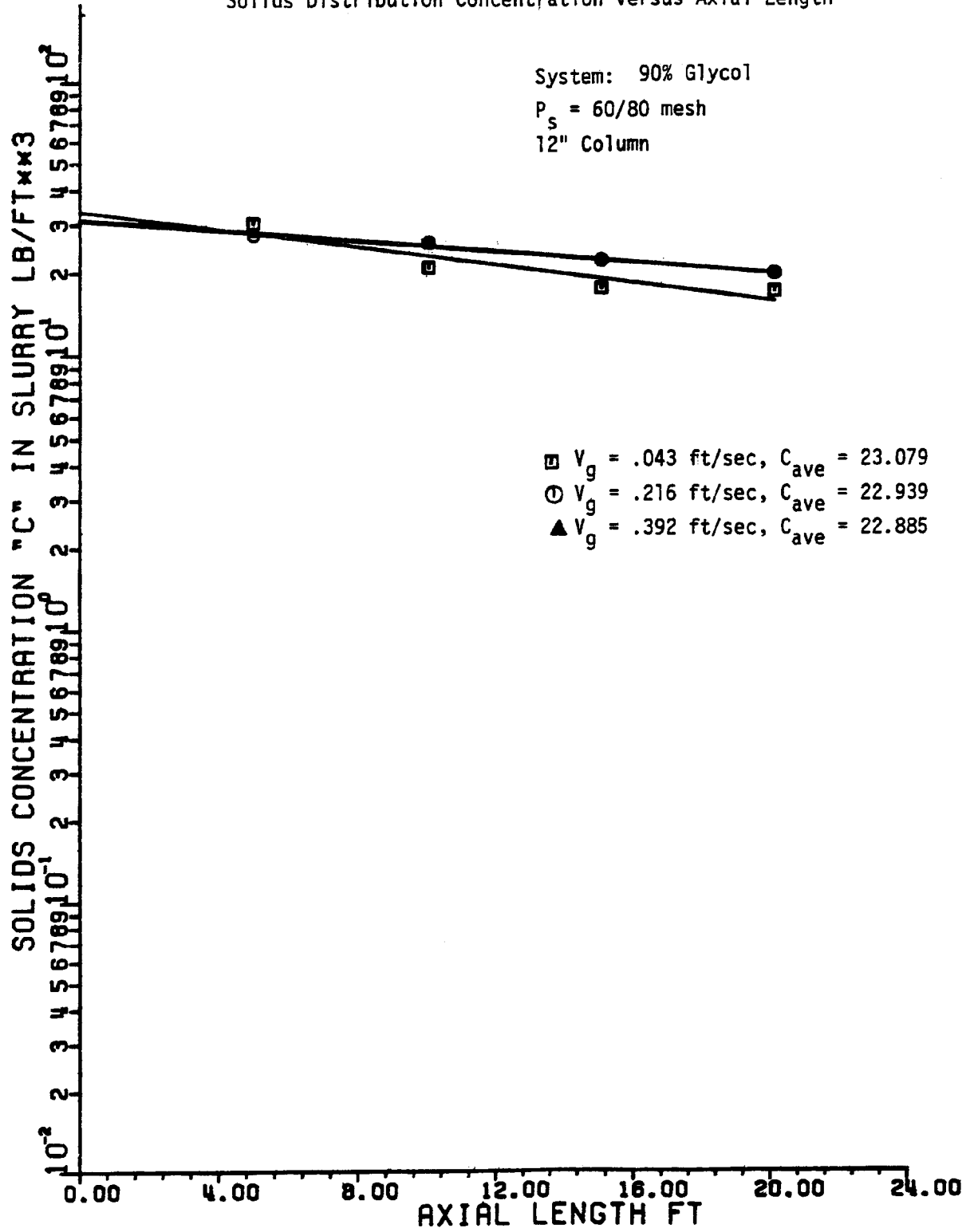


Figure 86

Solids Distribution Concentration Versus Axial Length

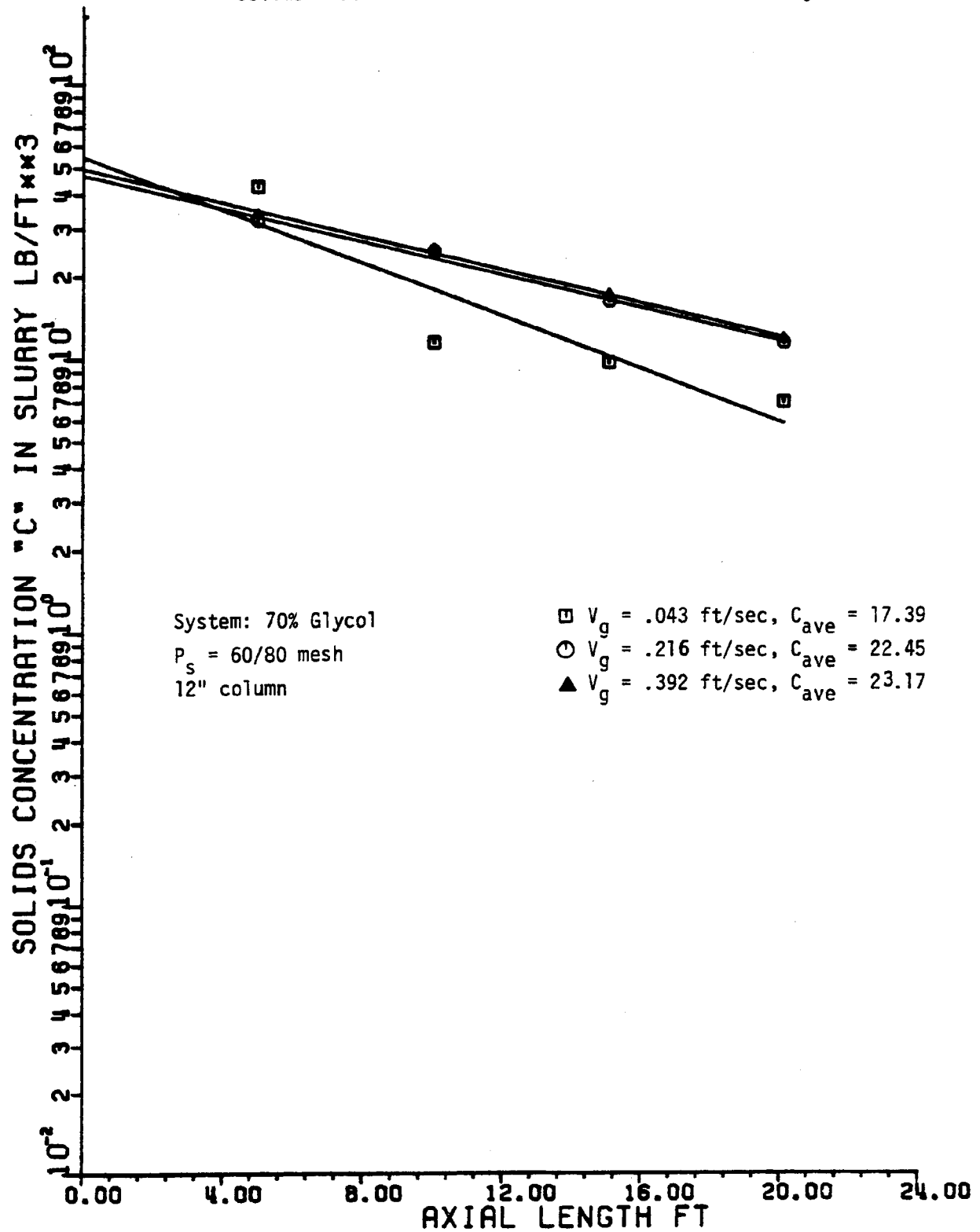


Figure 87

Concentration Versus Length in a 12-Inch Column

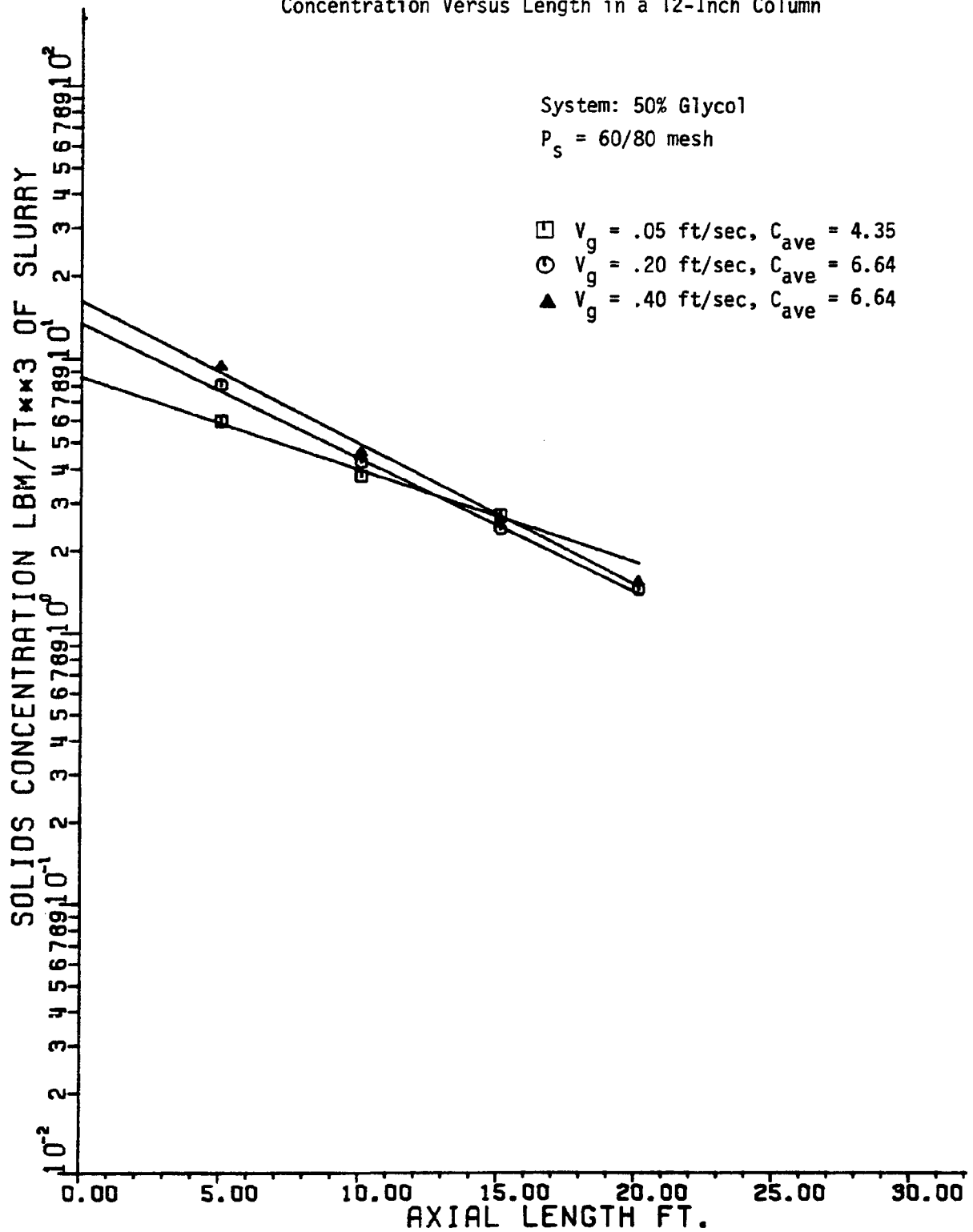


Figure 88

Concentration Versus Length in a 12-Inch Column

