

**CITY OF LANCASTER, OHIO
UPPER HOCKING RIVER
WATER QUALITY MONITORING AND QUAL2K MODELING**

**Appendix J
Hydraulic Coefficient Calibration Data**

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Table J.1
Tabular Summary of Hydraulic Coefficients

Reach	Velocity		Depth	
	Coefficient	Exponent	Coefficient	Exponent
1	0.100	0.400	2.500	0.600
2	0.250	0.400	1.600	0.600
3	0.200	0.400	0.770	0.600
4	0.110	0.400	1.170	0.600
5	0.110	0.400	1.170	0.600
6	0.115	0.400	1.110	0.600
7	0.138	0.400	1.100	0.600
8	0.130	0.400	0.510	0.600
9	0.140	0.400	0.675	0.600
10	0.095	0.400	1.200	0.600

Figure J.1
Velocity and Depth Coefficients
Reach 1

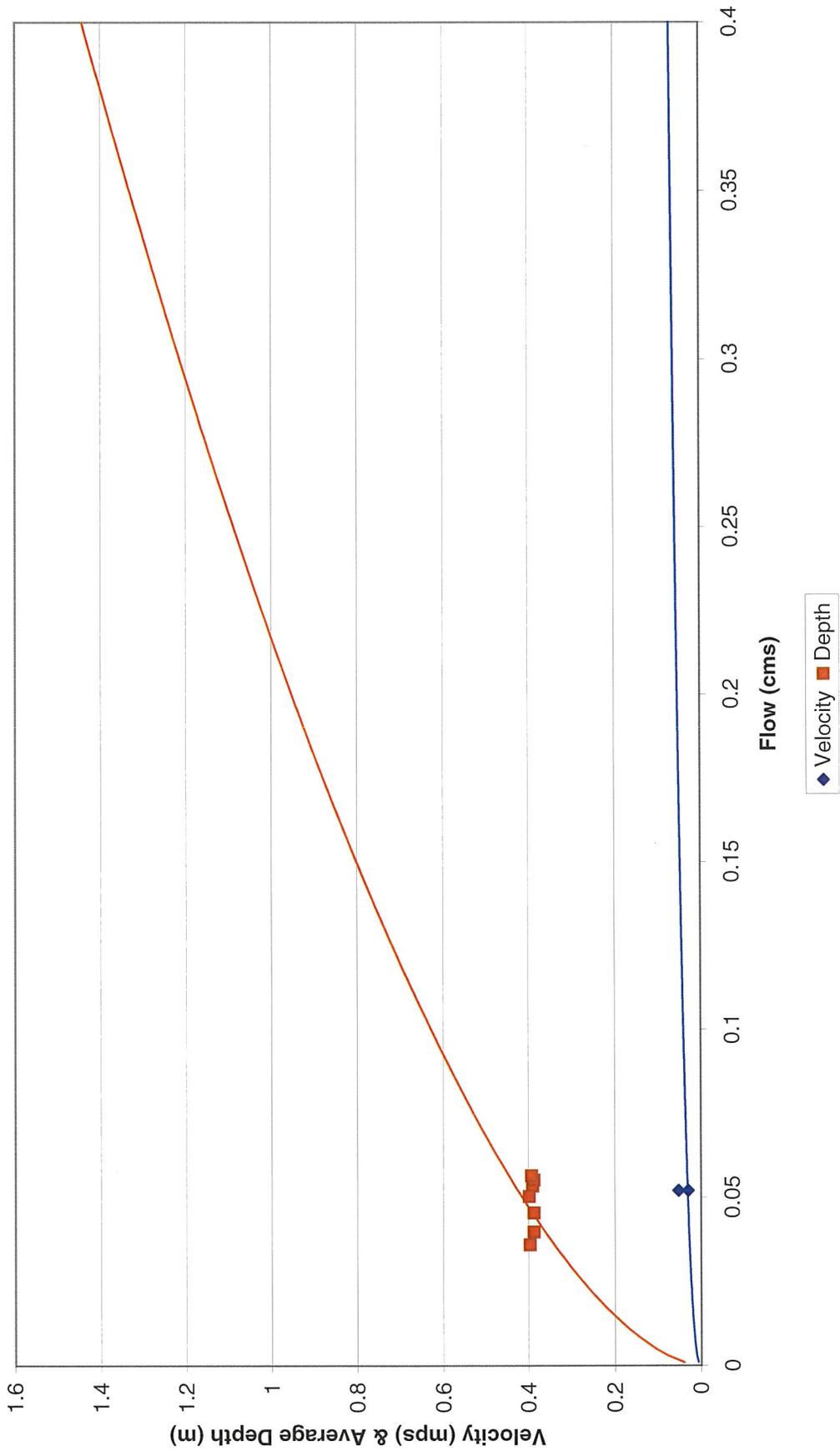


Figure J.2
Velocity and Depth Coefficients
Reach 2

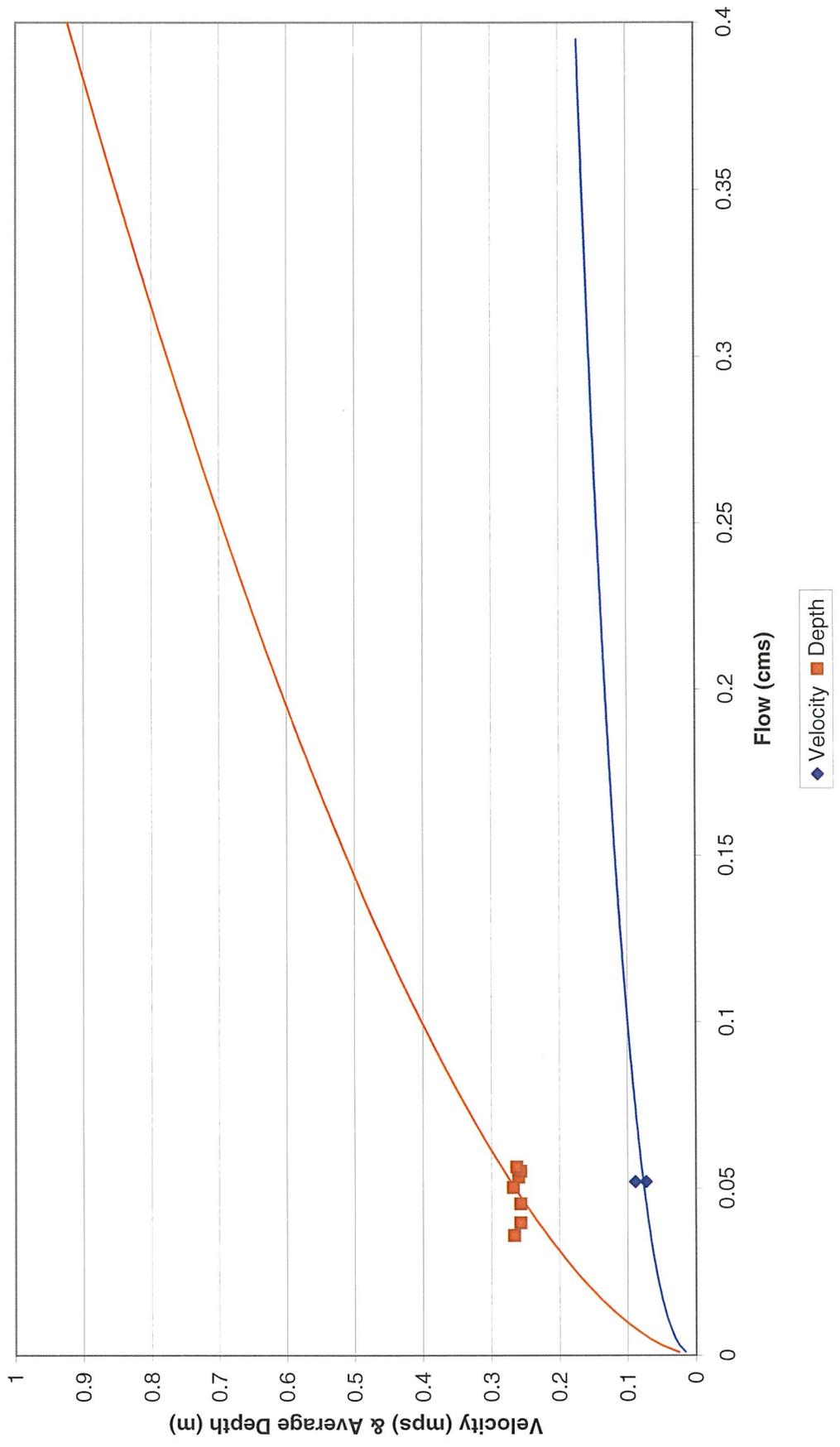


Figure J.3
Velocity and Depth Coefficients
Reach 3

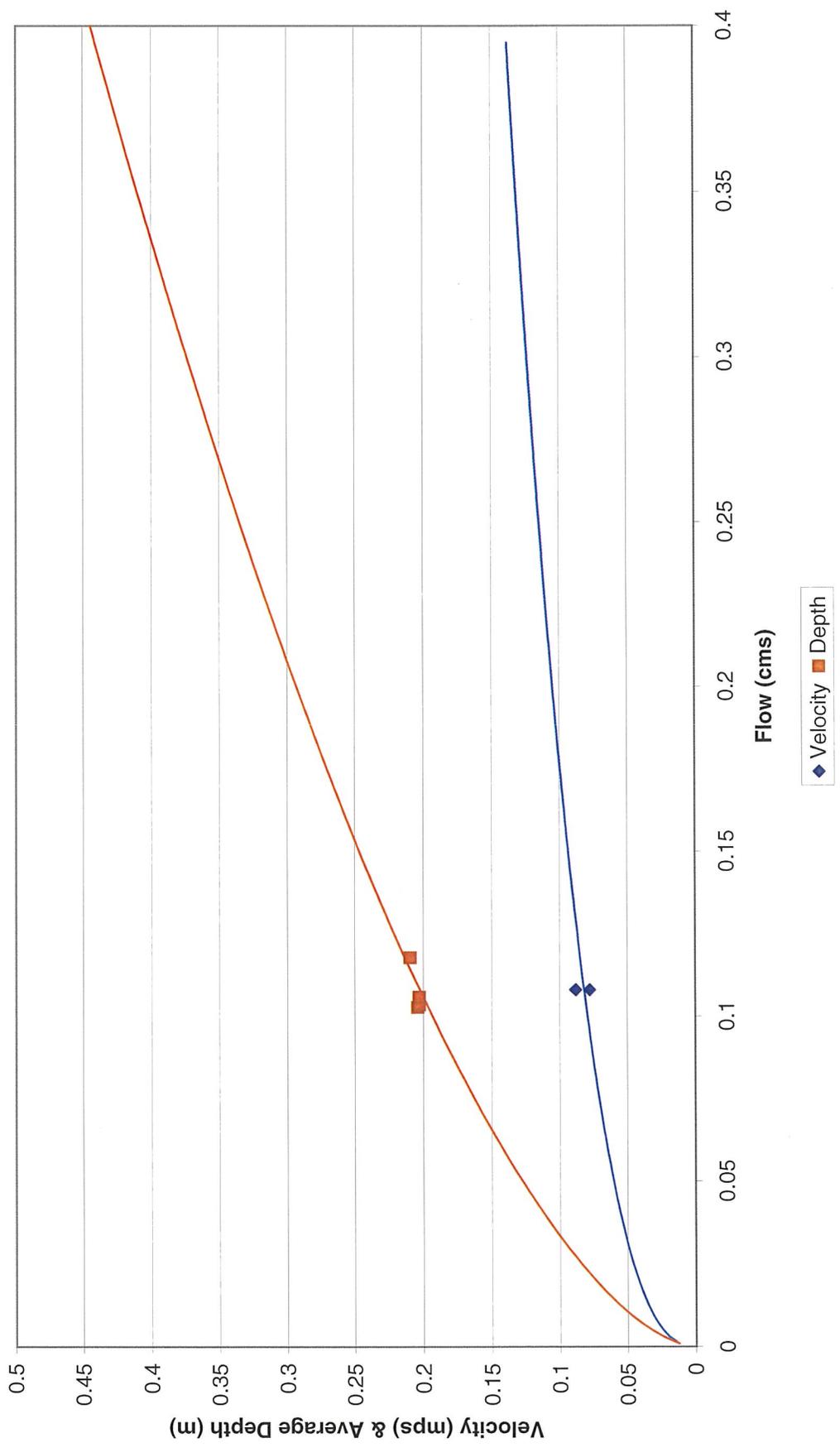


Figure J.4
Velocity and Depth Coefficients
Reach 4

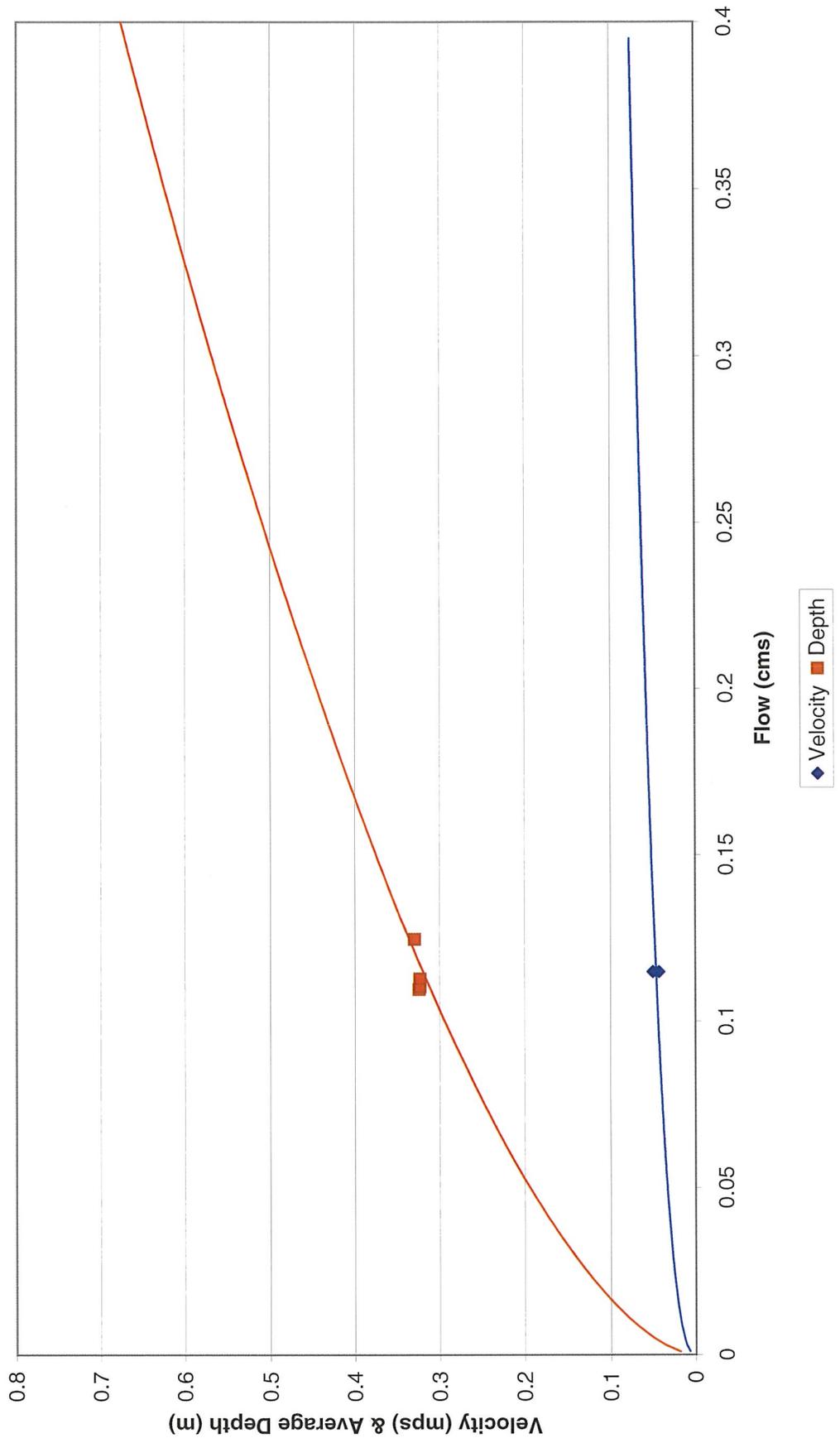


Figure J.5
Velocity and Depth Coefficients
Reach 5

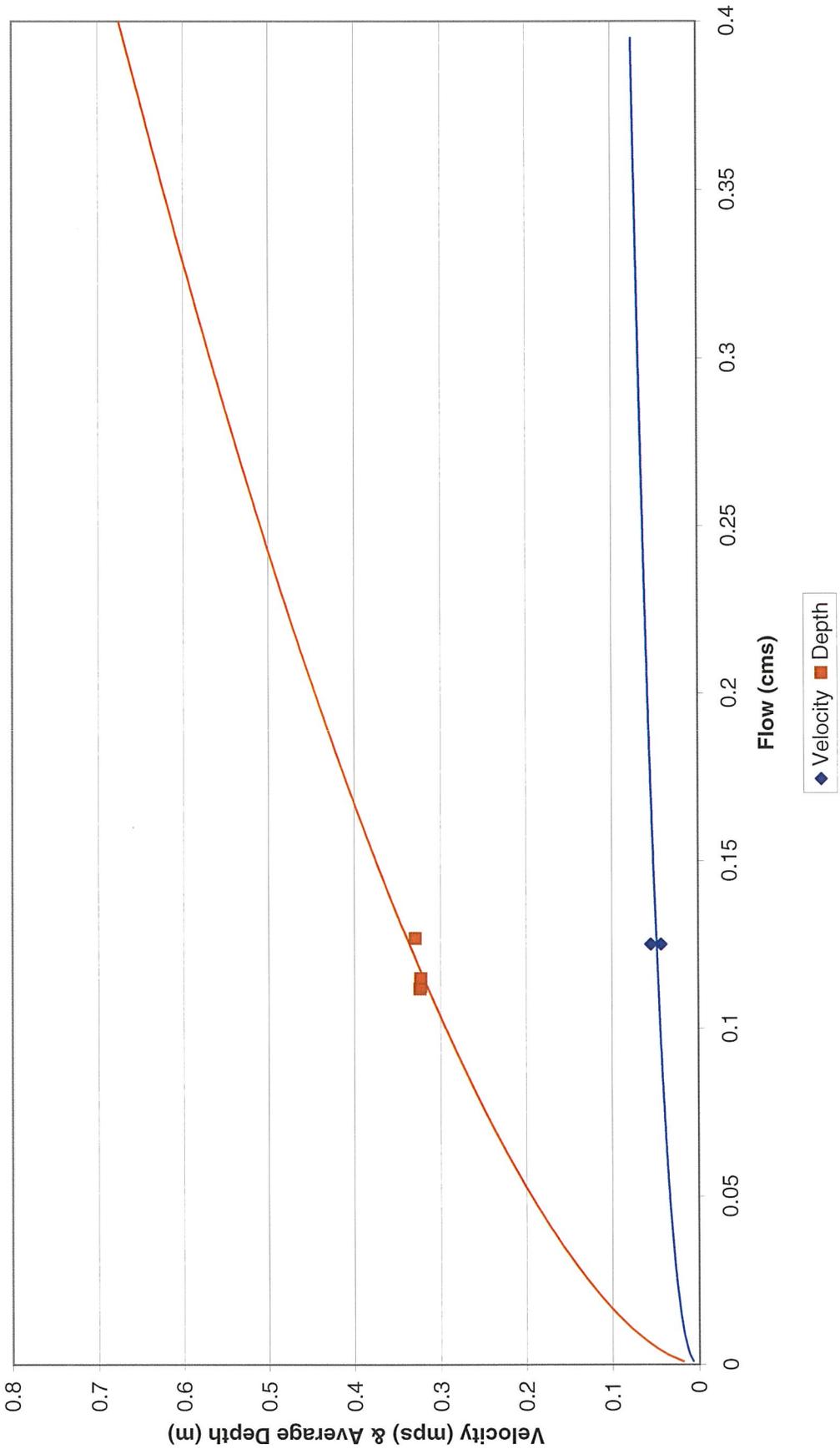


Figure J.6
Velocity and Depth Coefficients
Reach 6

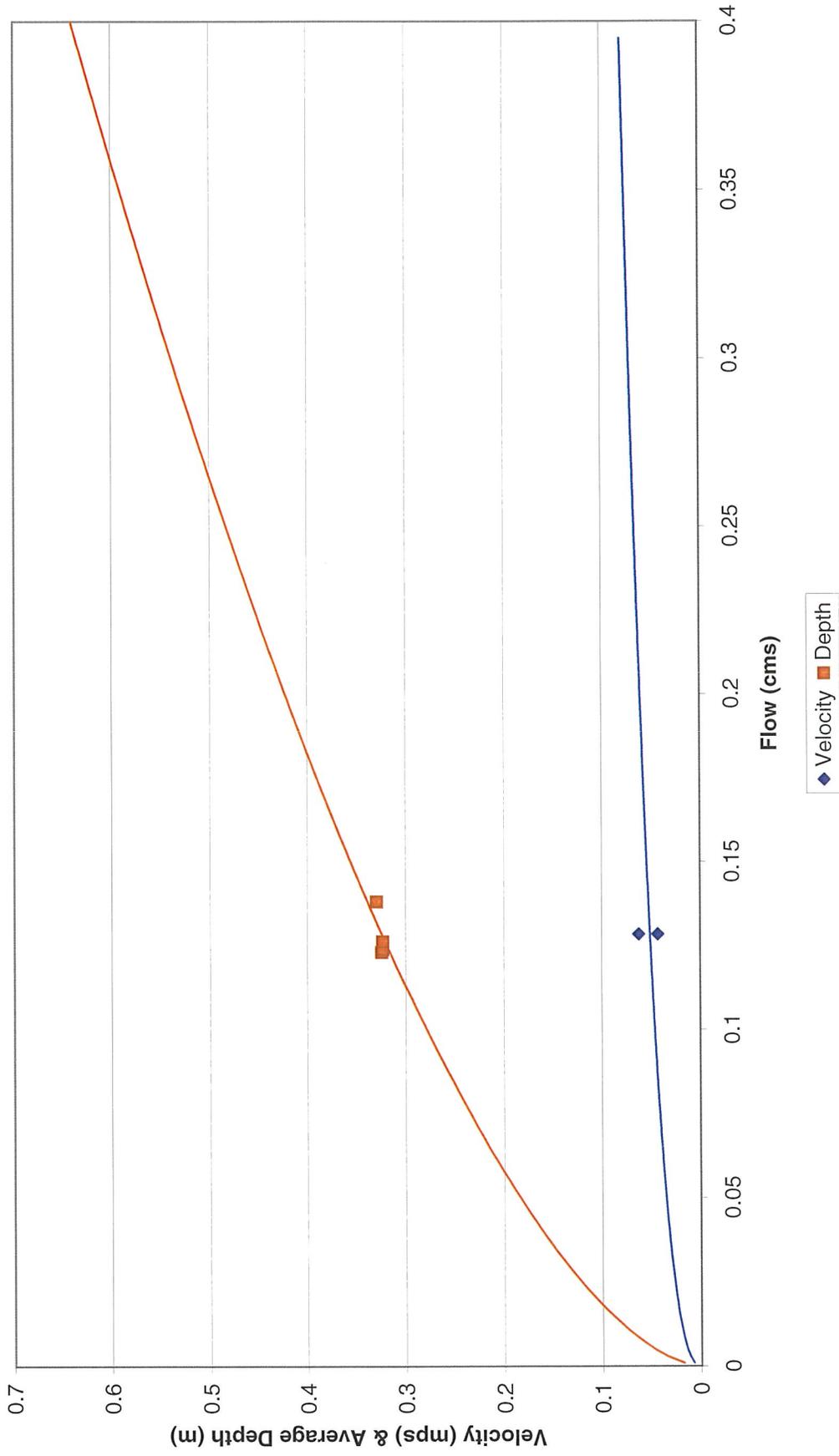


Figure J.7
Velocity and Depth Coefficients
Reach 7

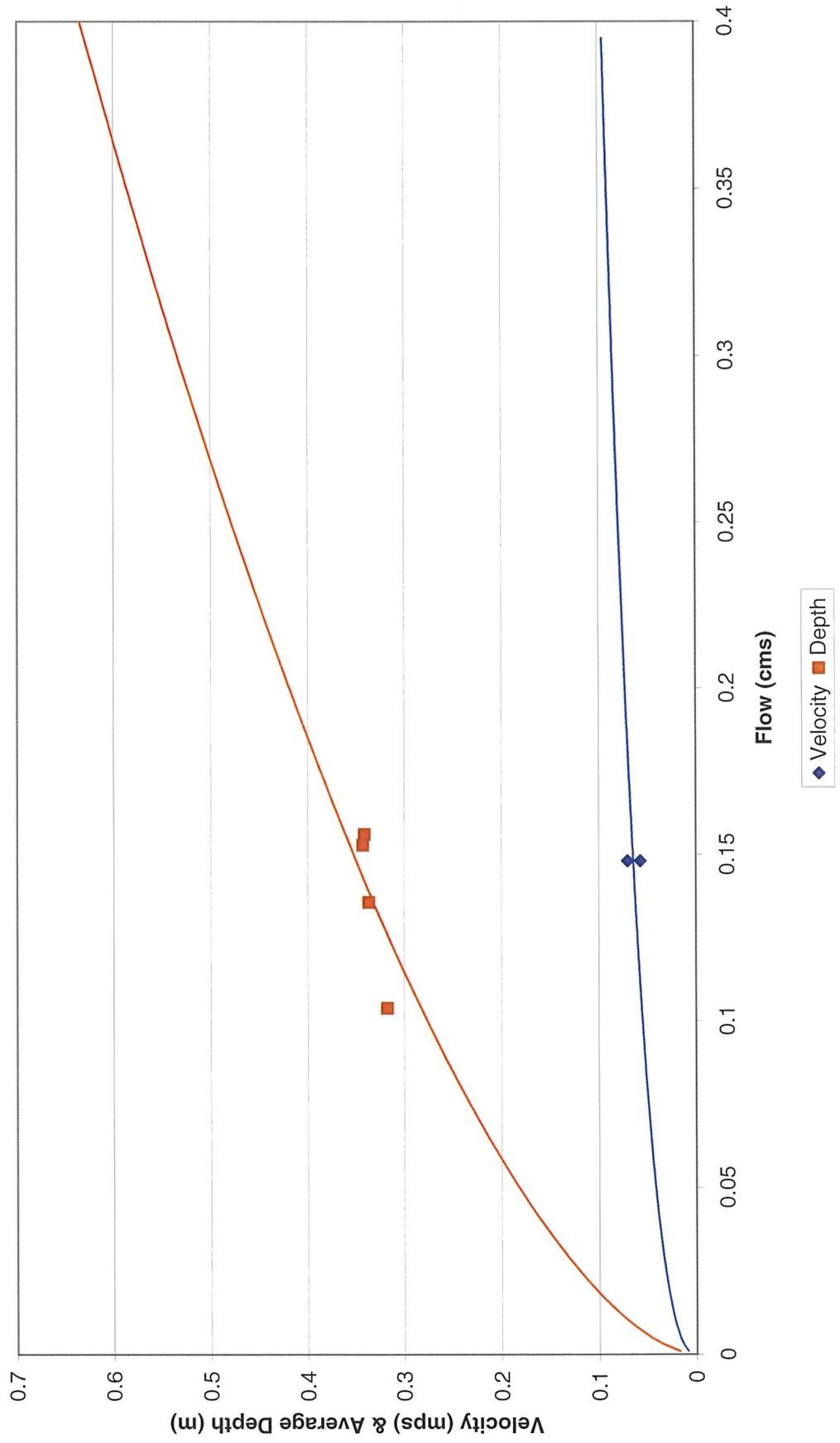


Figure J.8
Velocity and Depth Coefficients
Reach 8

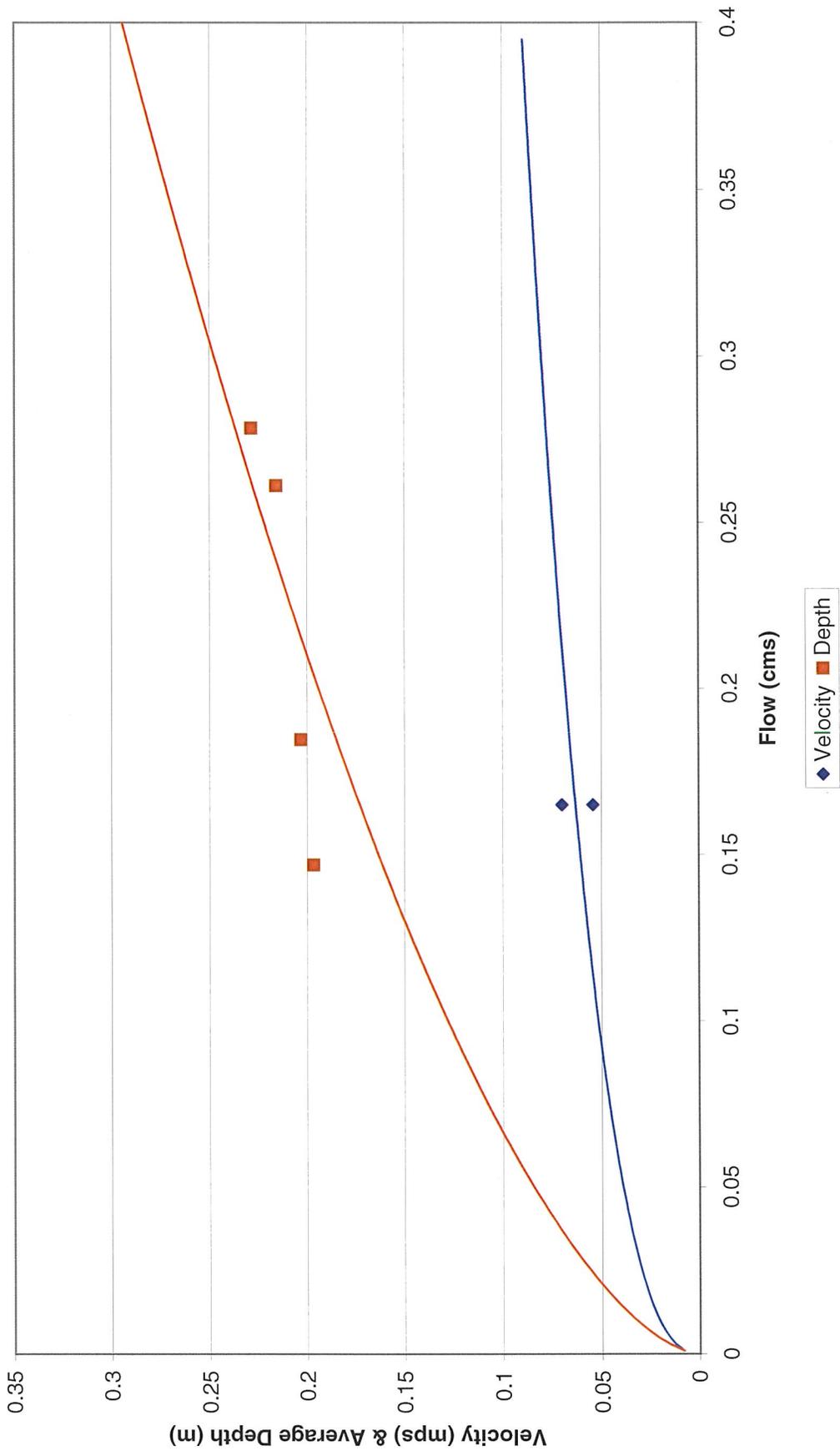


Figure J.9
Velocity and Depth Coefficients
Reach 9

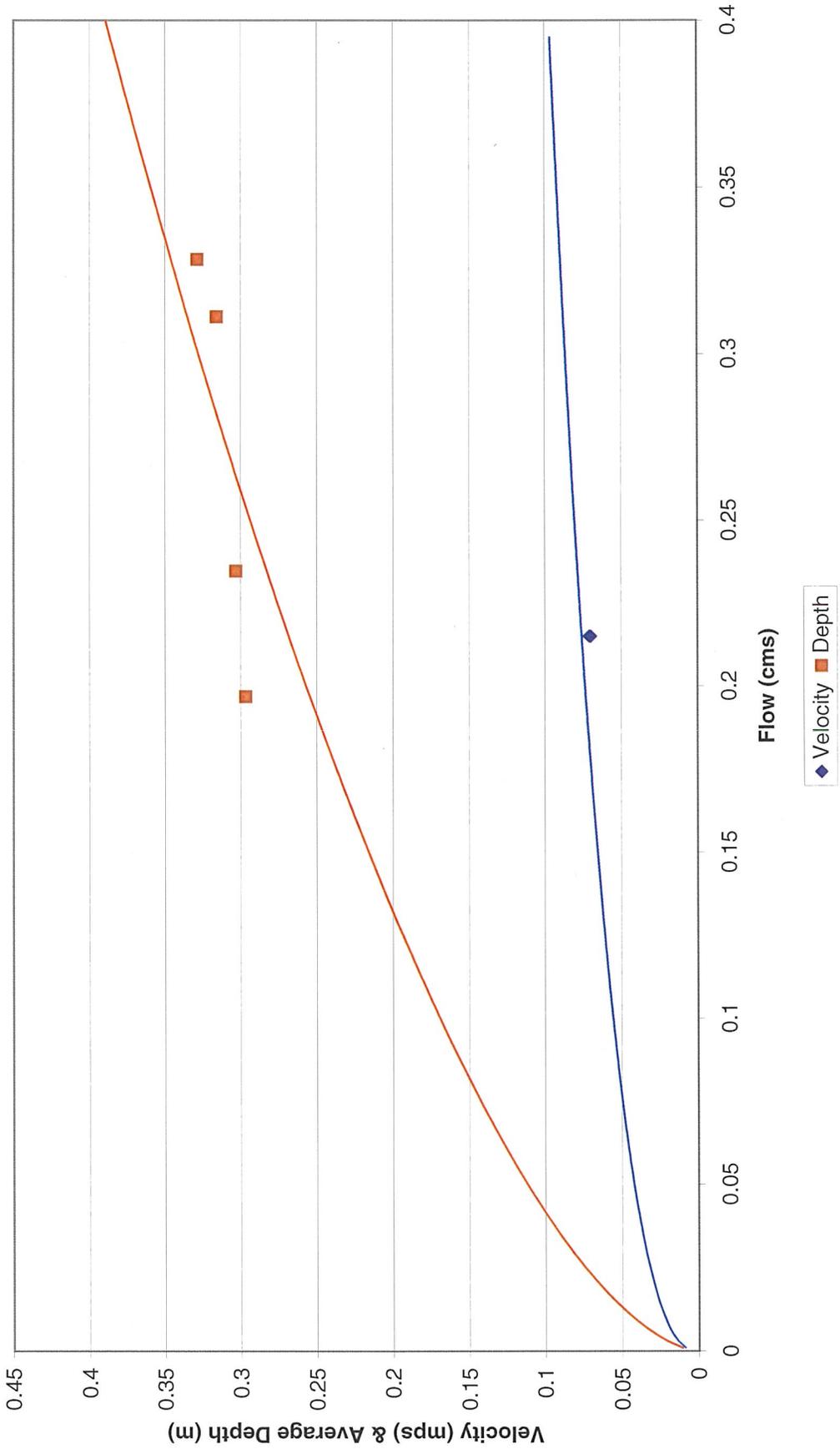


Figure J.10
Velocity and Depth Coefficients
Reach 10

