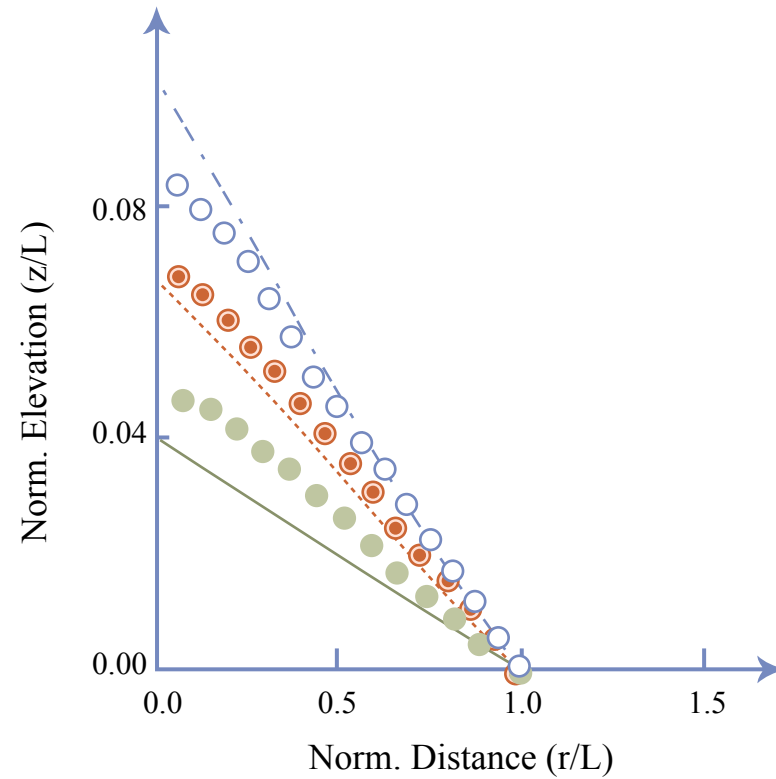
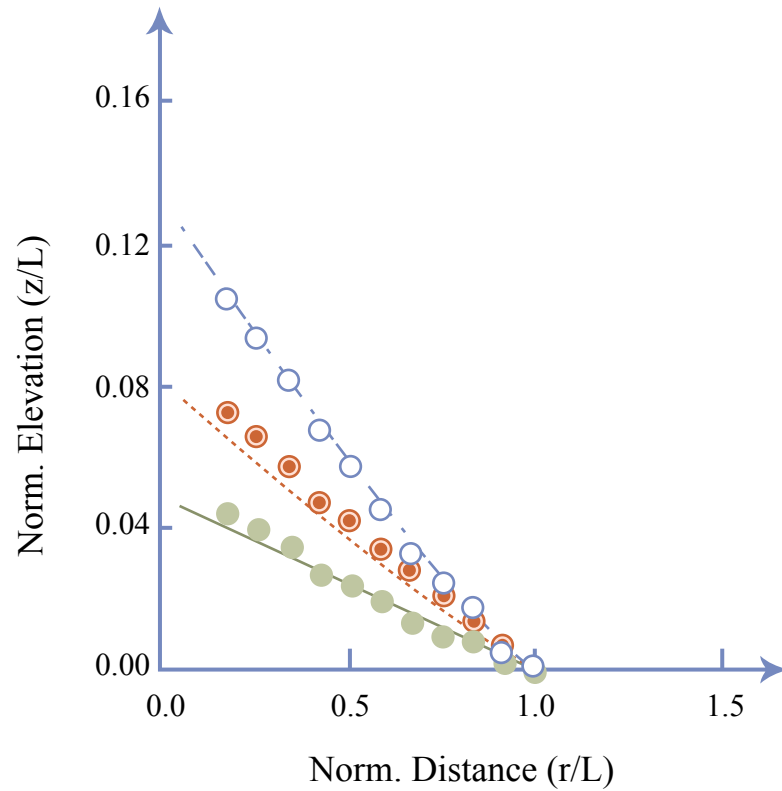


Bedload-Dominated Sand

Suspension-Dominated Sand

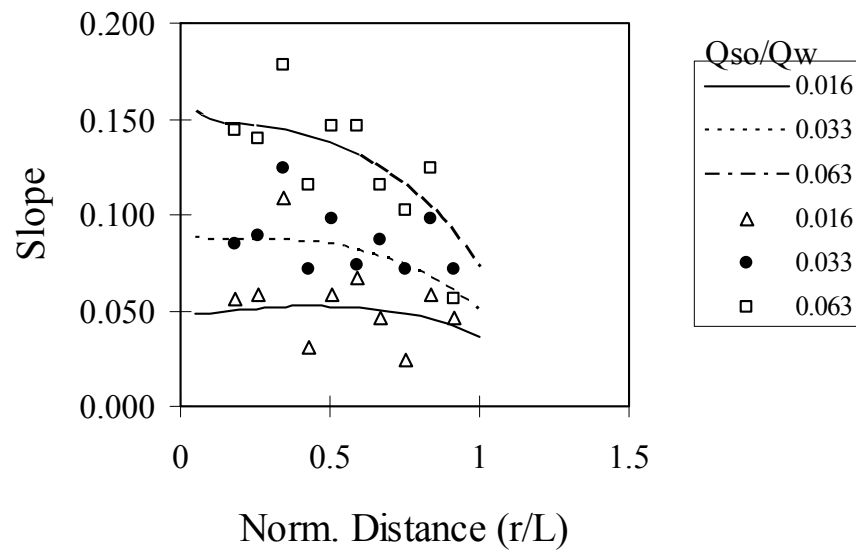


Straight to Concave Profiles

Convexo-Concave Profiles

Bedload-Dominated Sand

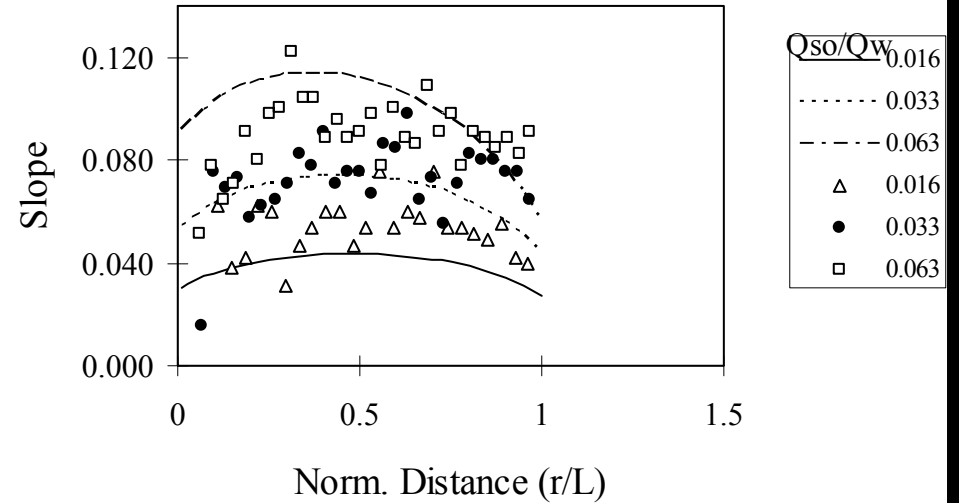
Radial Slope Profiles: 270 mm Sand



Straight to Concave Profiles

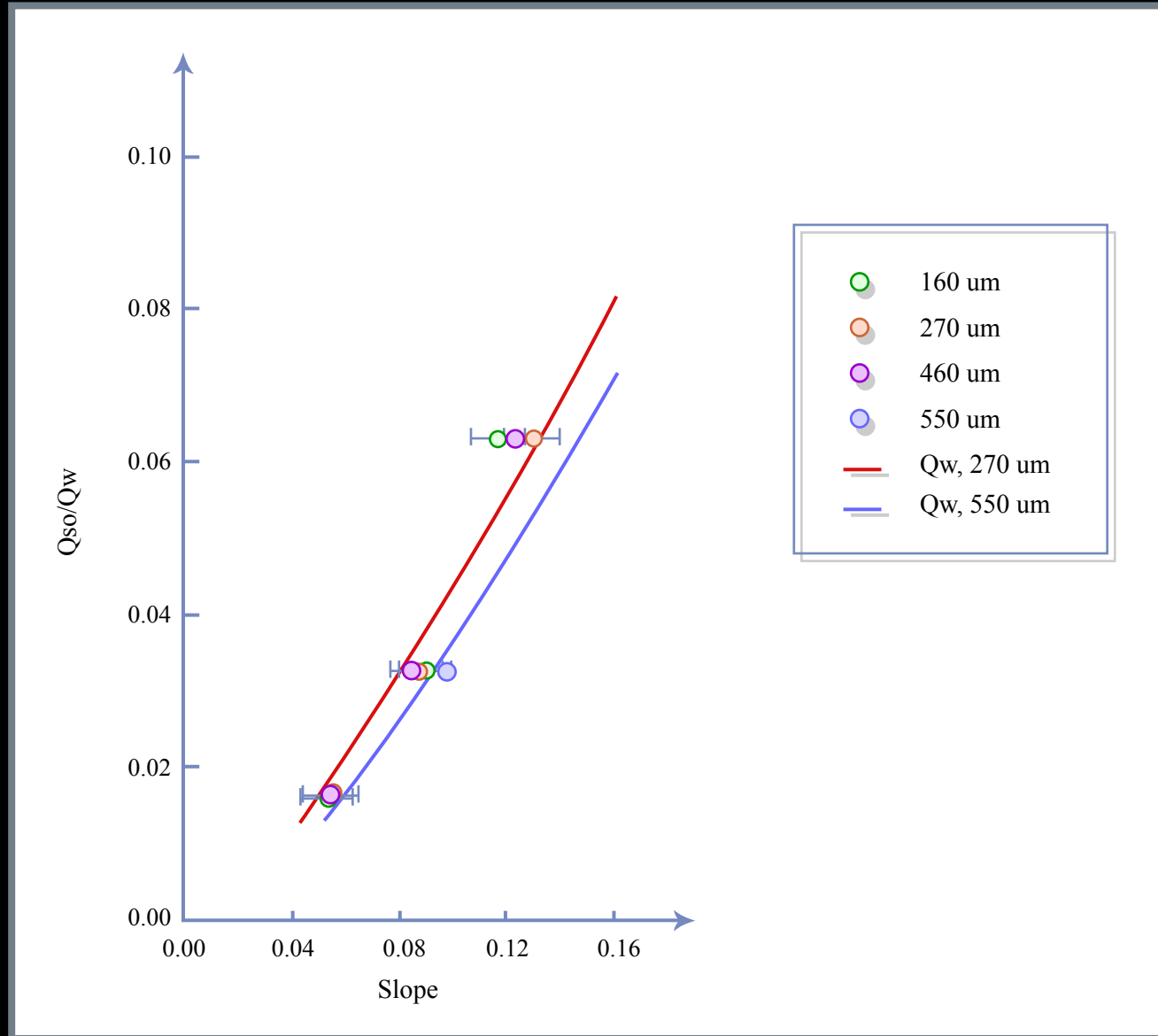
Suspension-Dominated Sand

Radial Slope Profiles: 120 mm Sand



Convexo-Concave Profiles

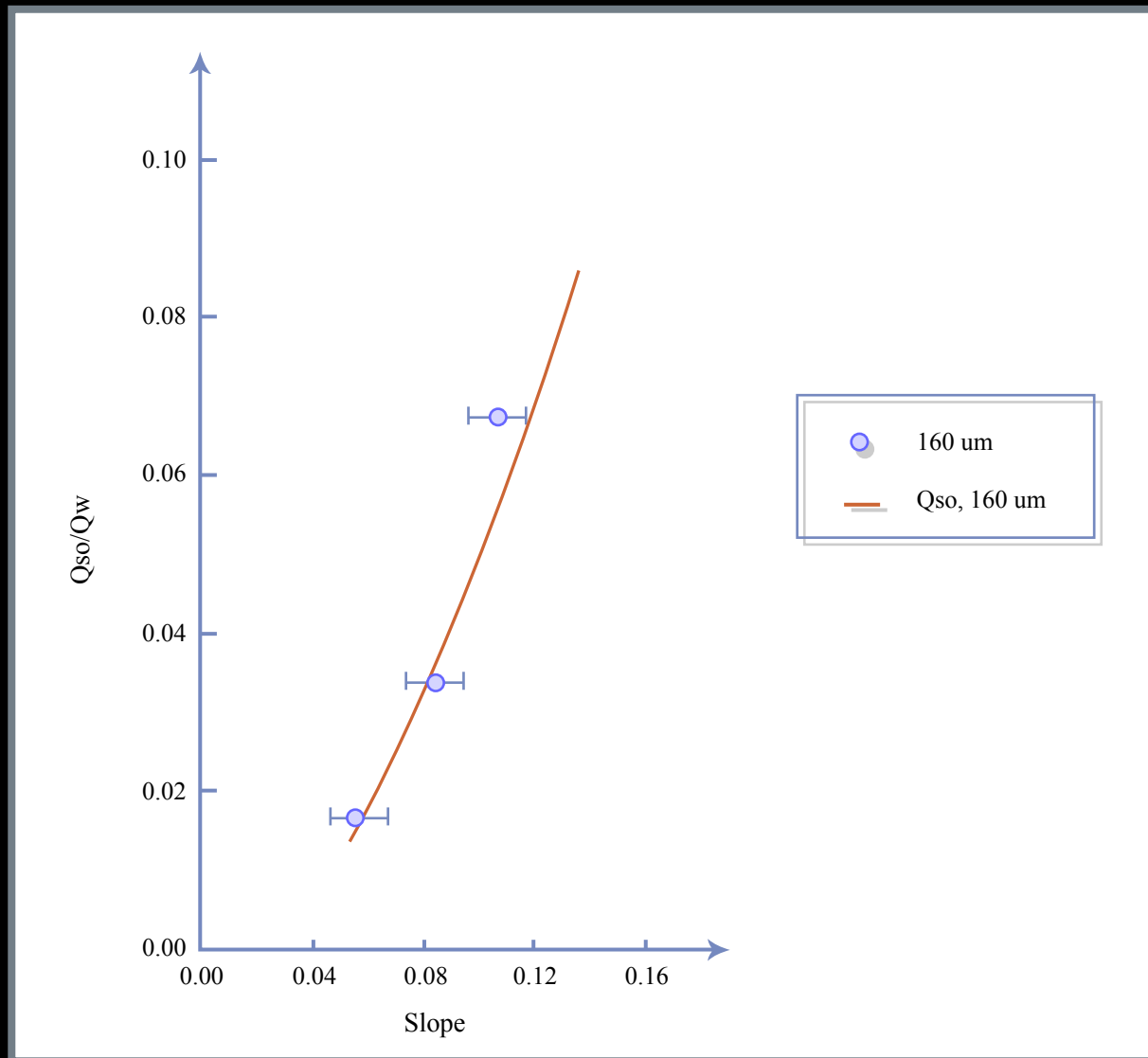
Bedload-Dominated Sand Experiments



Vary Q_w

Lines are Theoretical Prediction (no tuning of parameters)

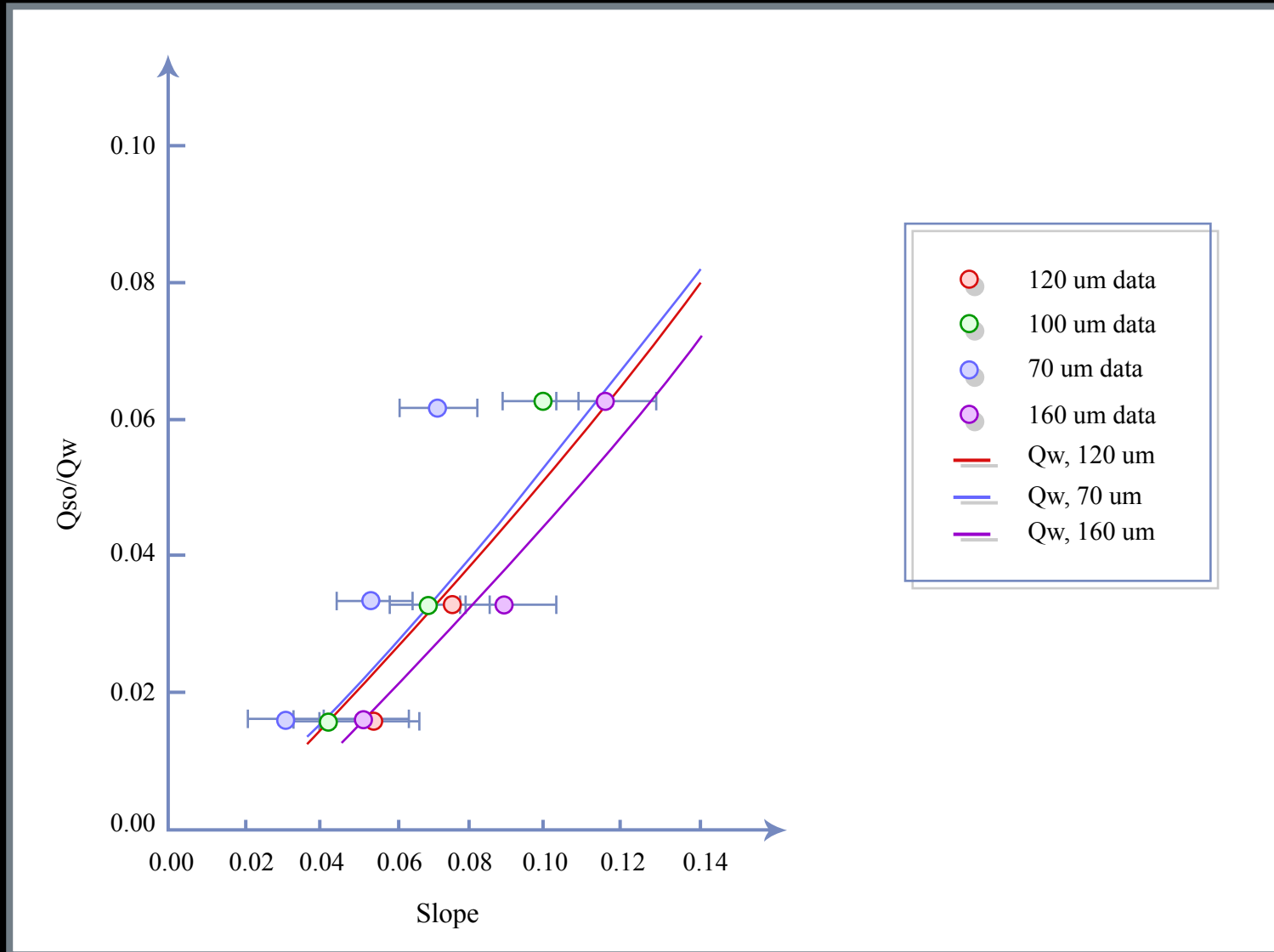
Bedload-Dominated Sand Experiments



Vary Q_{so}

Lines are Theoretical Prediction (no tuning of parameters)

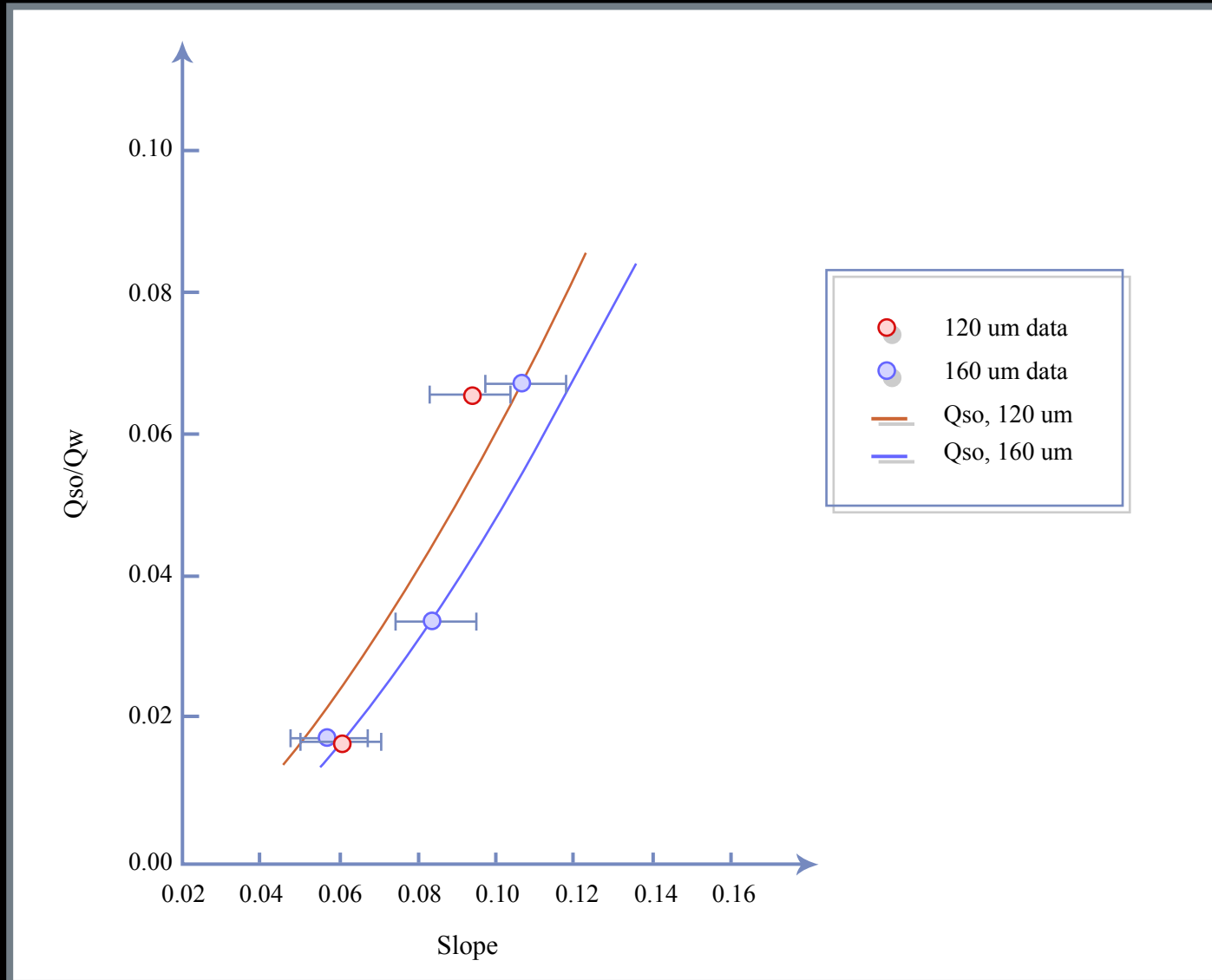
Suspension-Dominated Sand Experiments



Vary Qw

Lines are Theoretical Prediction (no tuning of parameters)

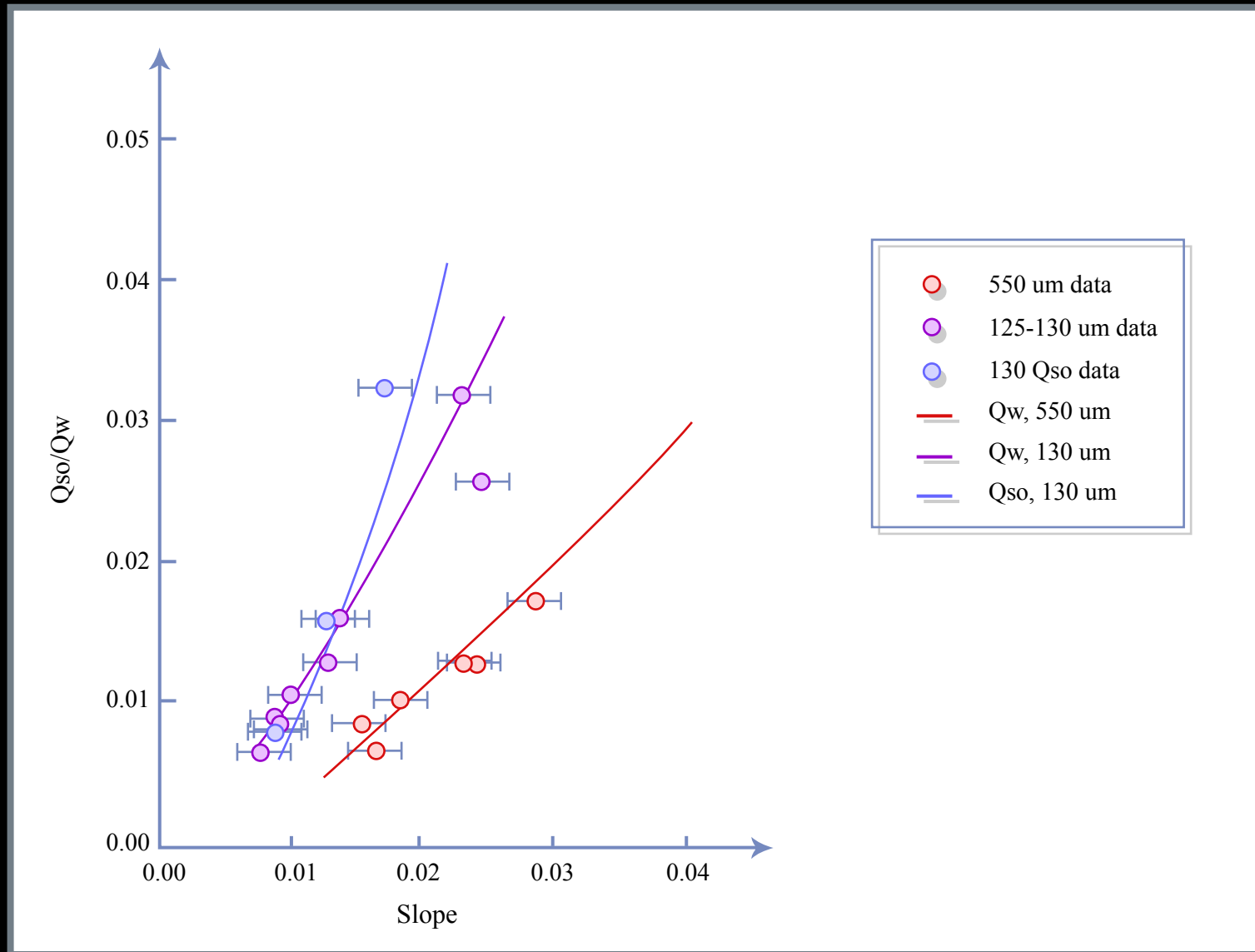
Suspension-Dominated Sand Experiments



Vary Q_{so}

Lines are Theoretical Prediction (no tuning of parameters)

Suspension-Dominated Coal Experiments



Lines are Theoretical Prediction
(sediment transport coefficient tuned to match lowest Q_{so}/Q_w point)