



Figure 77. Shields β vs. the boundary Reynolds number for IRB area, based on the range of mean current velocities from IRB98S4A data and mean grain sizes from IRB98JL data (Table 16). $\beta = 0.05$ is considered to be the threshold value for initiation of sediment movement in sandy environments. Series of values for U at 0.05 m/s intervals, as well as for the mean, median, and maximum values in the IRB98S4A data set, were used to calculate τ_0 and u_* .