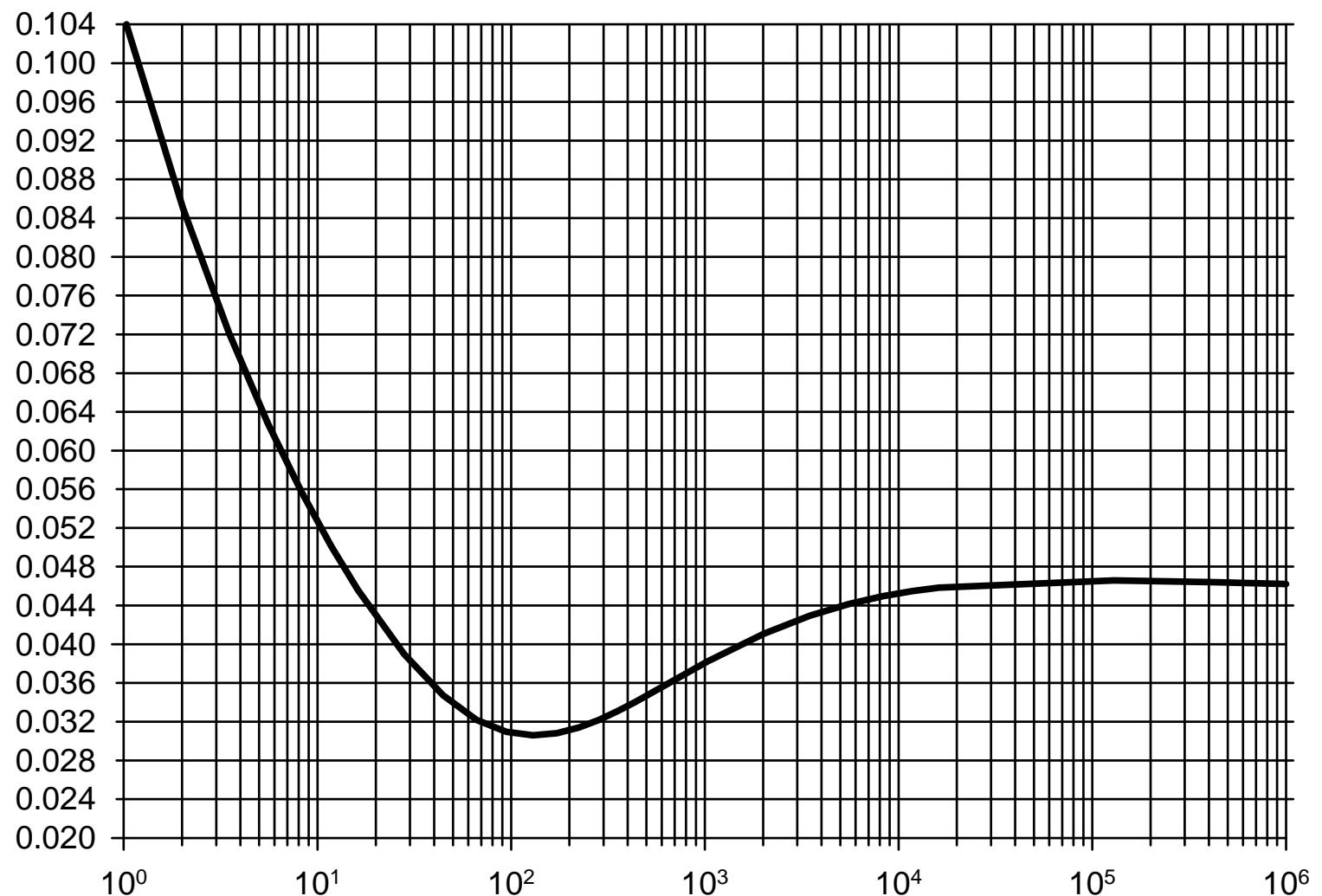


# The Shields Curve

$$\tau_* = \frac{\tau_c}{(\rho_s - \rho) g D}$$



$$D_* = \frac{(\rho_s - \rho) g D^3}{\rho v^2}$$