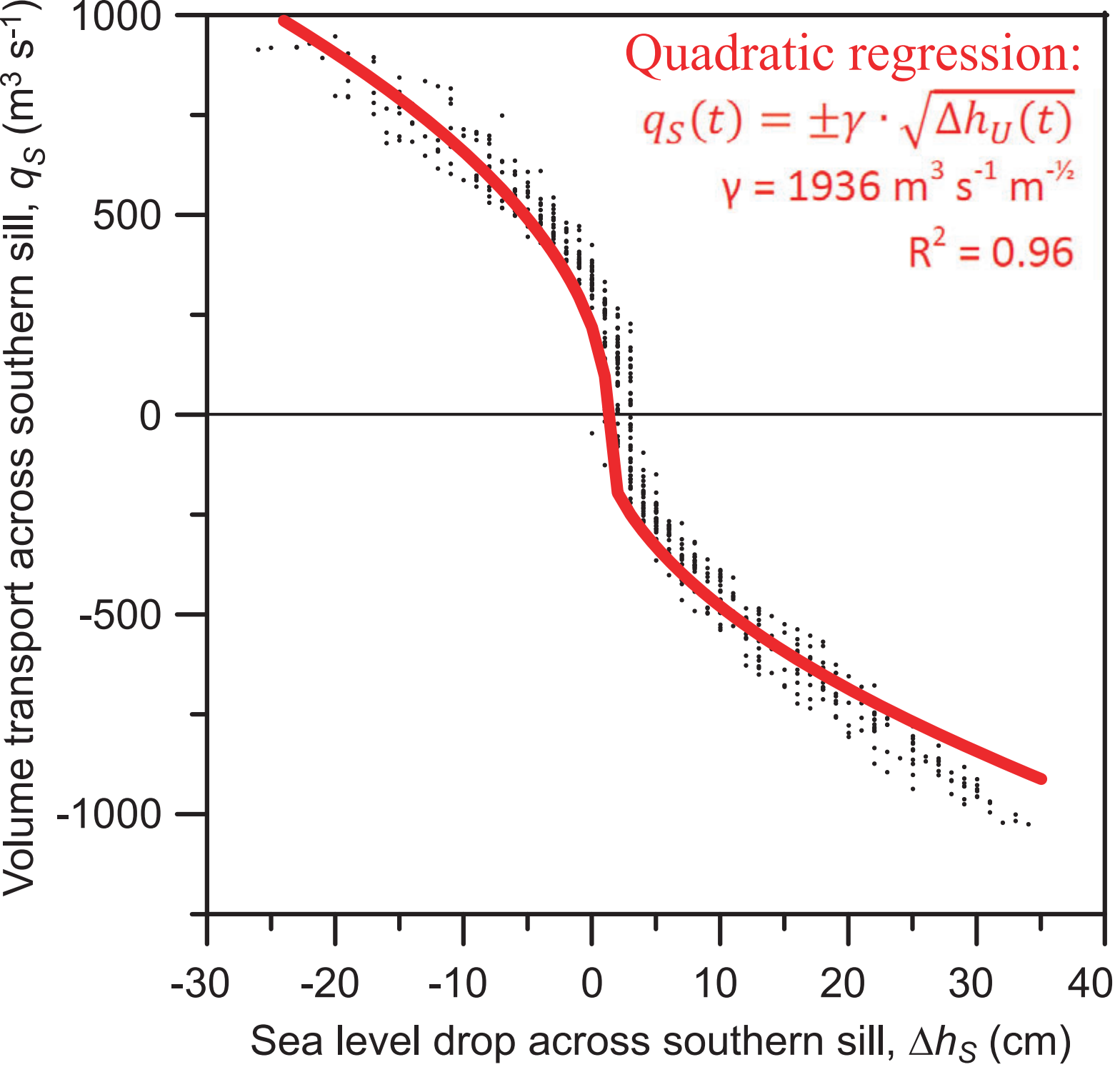
Quadratic regression:
$q_S(t) = \pm\gamma \cdot \sqrt{\Delta h_U(t)}$
$\gamma = 1936\ m^3\ s^{-1}\ m^{-½}$
$R^2 = 0.96$
Volume transport across southern sill, $q_S$ ($m^3\ s^{-1}$)
1000
500
0
-500
-1000
-30
-20
-10
0
10
20
30
40
Sea level drop across southern sill, $\Delta h_S$ (cm)