## Acceleration (Initial Velocity: 17.79 m/s) $C_d = 0.0$ $C_d = 0.034$ -8 $C_d = 0.08$ Acceleration (m/s<sup>2</sup>) -9 -10-11-120.0 0.5 1.0 2.5 3.0 3.5 1.5 2.0 Time (s)