Tests for r = 12, $\theta = -10^{\circ}$, and variable δ 2000 $\delta = 10^{\circ}, \, \eta_t = 38.1\%$ $\delta = 50^{\circ}, \, \eta_t = 35.4\%$ $\delta = 90^{\circ}, \, \eta_t = 28.7\%$ --- $\delta = 30^{\circ}$, $\eta_t = 37.7\%$ --- $\delta = 70^{\circ}$, $\eta_t = 32.2\%$ --- $\delta = 110^{\circ}$, $\eta_t = 25.3\%$ 1600 1400 1200 -1000 -800 600 400 0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 $v, m^3/kg$