Tests for r = 12,  $\theta = -10^{\circ}$ , and variable  $\delta$ 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 0.25 0.30 0.35 0.45 0.50 0.55 0.60 0.15 0.20 0.40  $v, m^3/kg$