- Inital curve Optimized curve - Θ - Data points $k_m = 1, D_i = 8.814e - 14, D_x = 1.573e - 6, Mass = 76, Inital\ ratio = 0.644, \sigma = 0.548$ 80 12 - Inital curve 70 Optimized curve 10 → Data points 0.8 8.0 60 d Yield / dt [g/s]50 Yield [g] 0.6 0.6 40 0.4 0.4 30 20 0.2 0.2 2 10 0 0 50 100 150 50 100 150 0 Time [min] Time [min] 0 50 10 0.1 0.140 Constant [cm] 0.2 0.3 0.4 0.4 8 0.2 Length [cm] 0.3 30 o° 6 O_ 20 0.4 0.40.5 10 2 0.50.6 0.6 0 50 100 150 0 50 100 150

Time [min]

Time [min]