$\begin{array}{c} \text{-} \text{Inital curve} \\ \text{-} \text{Optimized curve} \\ \text{-} \text{-} \text{-} \text{Data points} \end{array}$ $k_m = 1, D_i = 8.808e - 14, D_x = 1.413e - 6, C_{sat} = 100000, Mass = 76, Inital\ ratio = 0.645, \sigma = 0.55$ 80 - 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 0.10.140 0.2 [cm] 0.3 0.4 8 0.2 Length [cm] 0.3 30 oຶ 6 ပ[⊤] 20 0.4 0.40.5 10 2 0.50.6 0.6

0

50

Time [min]

100

150

0

50

Time [min]

100

150