- Inital curve Optimized curve -  $\Theta$  - Data points  $k_m = 0.863, D_i = 8.664e - 14, D_x = 1.443e - 6, Mass = 77.142, Inital\ ratio = 0.645, \sigma = 0.563$ 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 0.10.140 [cm] rength [cm] 0.3 0.4 8 0.2 Length [cm] 0.3 30 υ° 6 ပ<sup>∸</sup> 0.4 0.420 0.5 10 2 0.50.6 0.6 0 50 100 150 0 50 100 150 Time [min] Time [min]