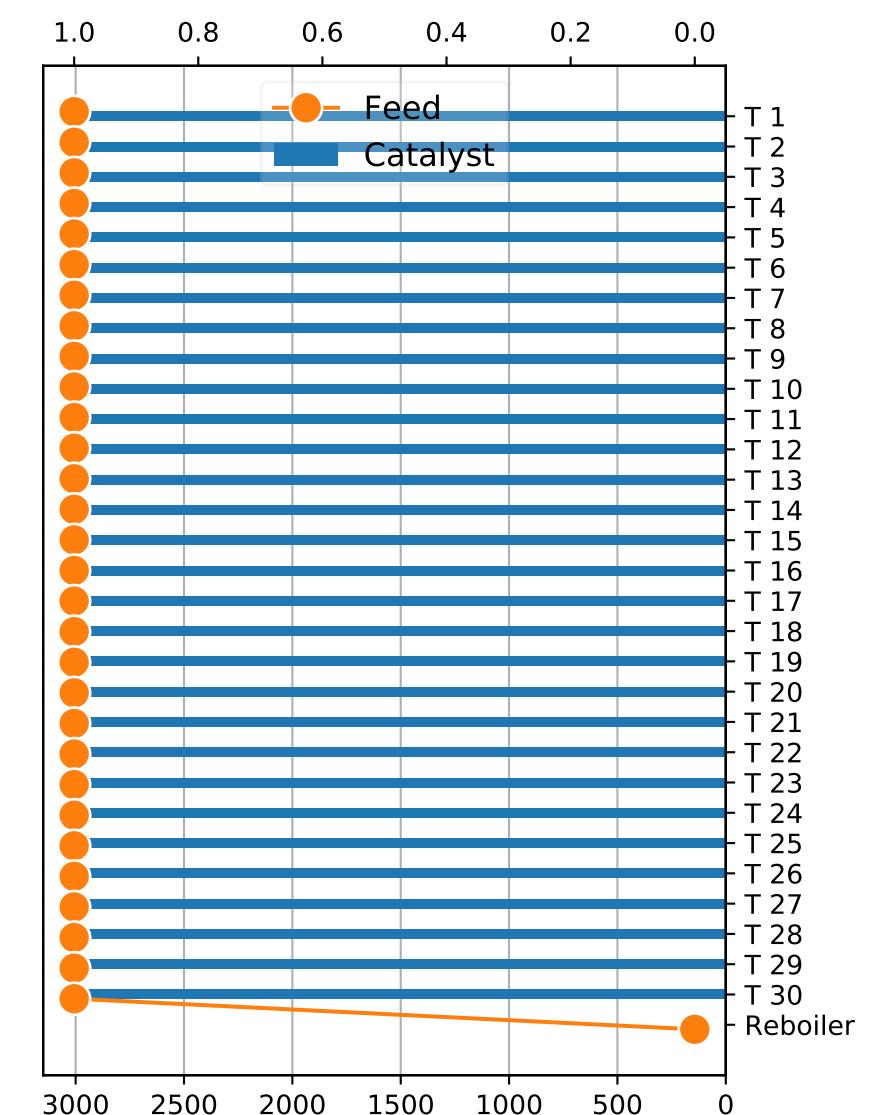
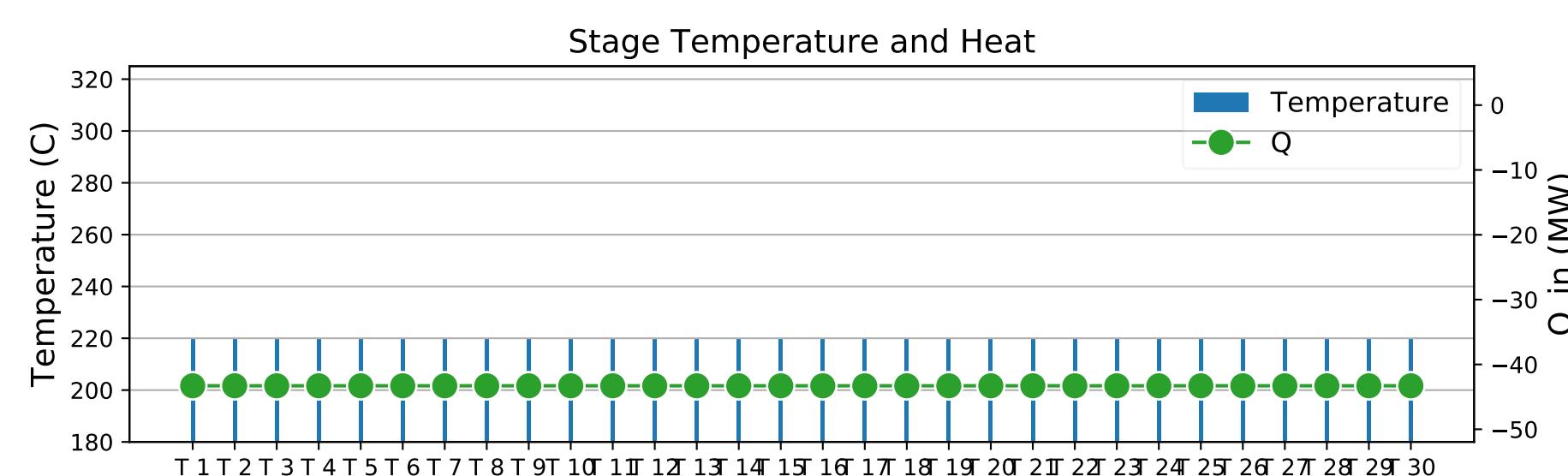
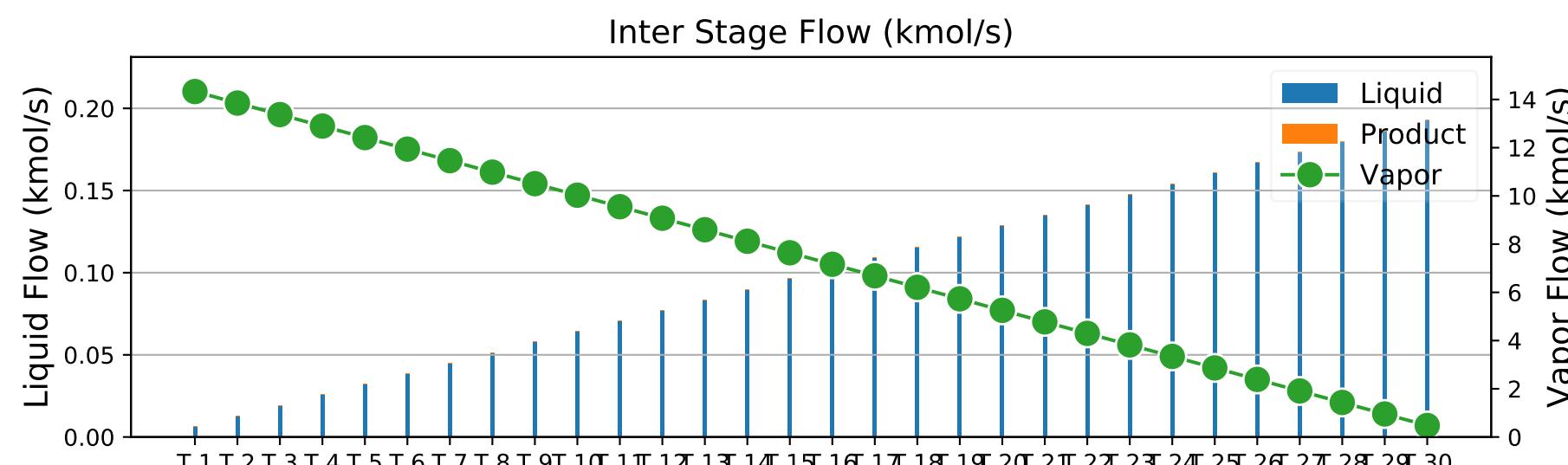
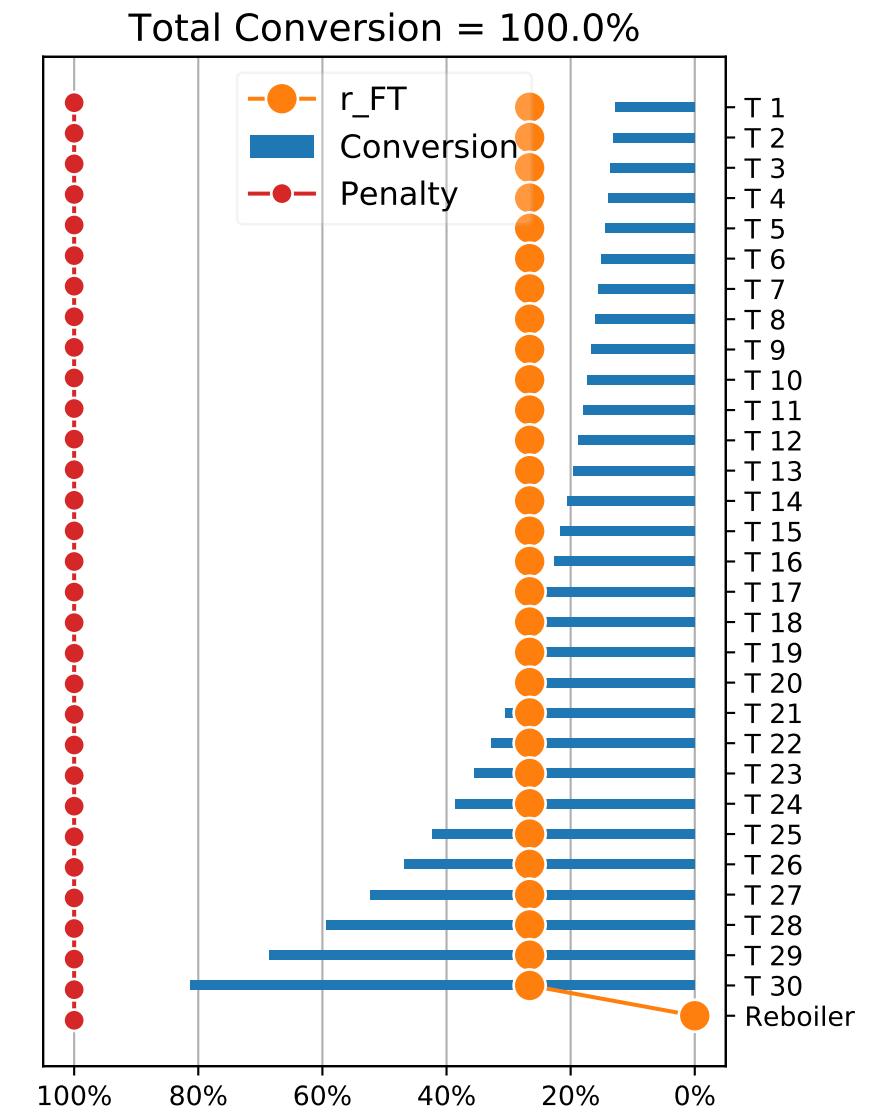
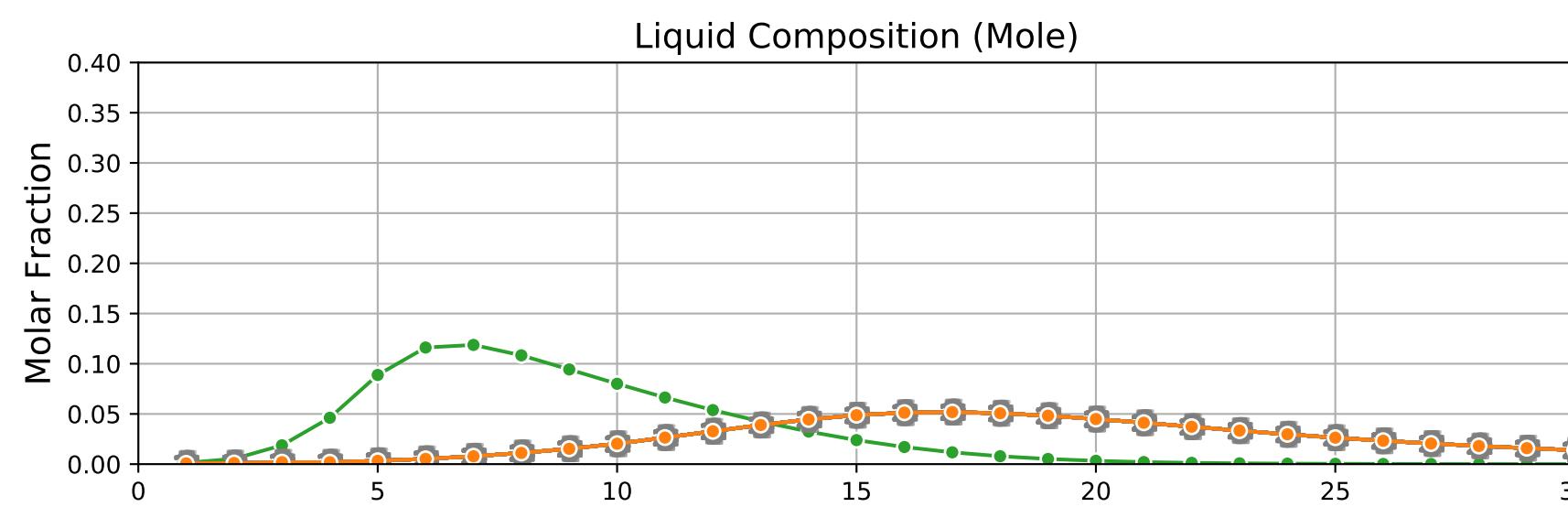
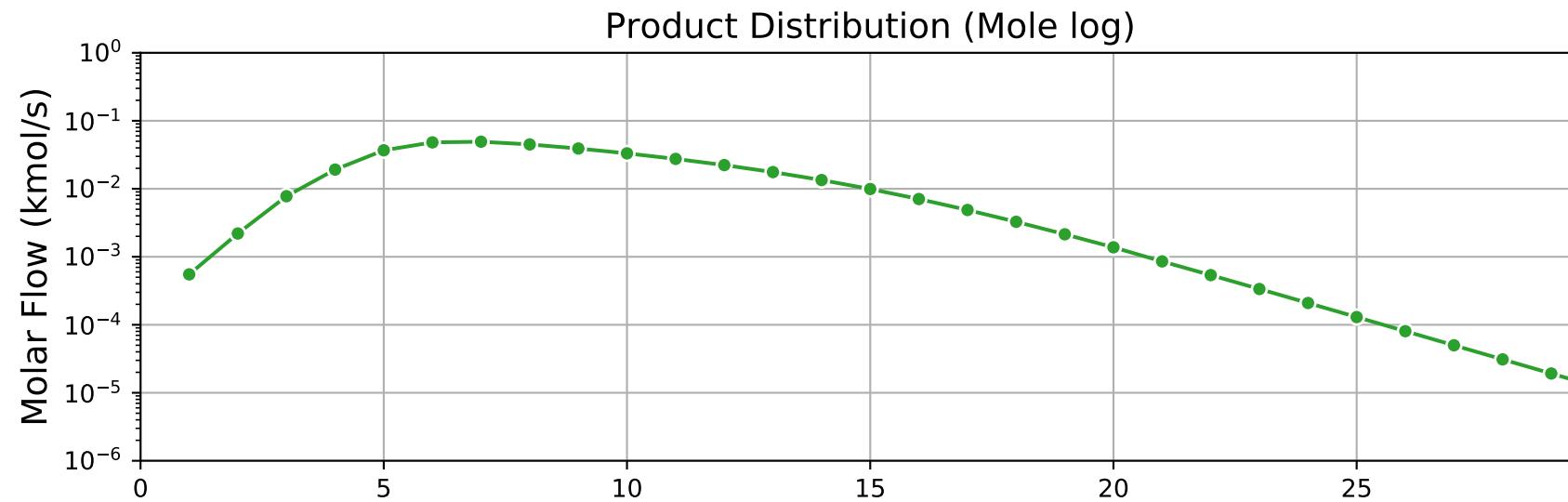
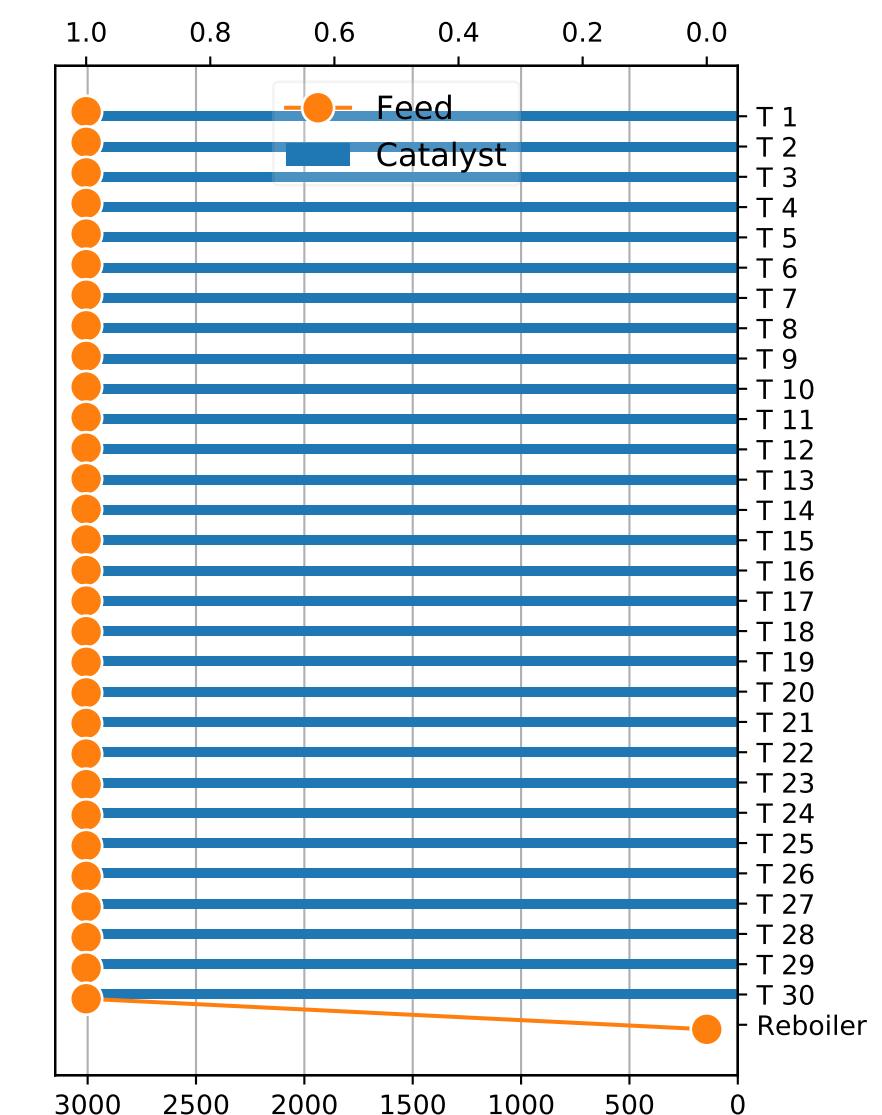
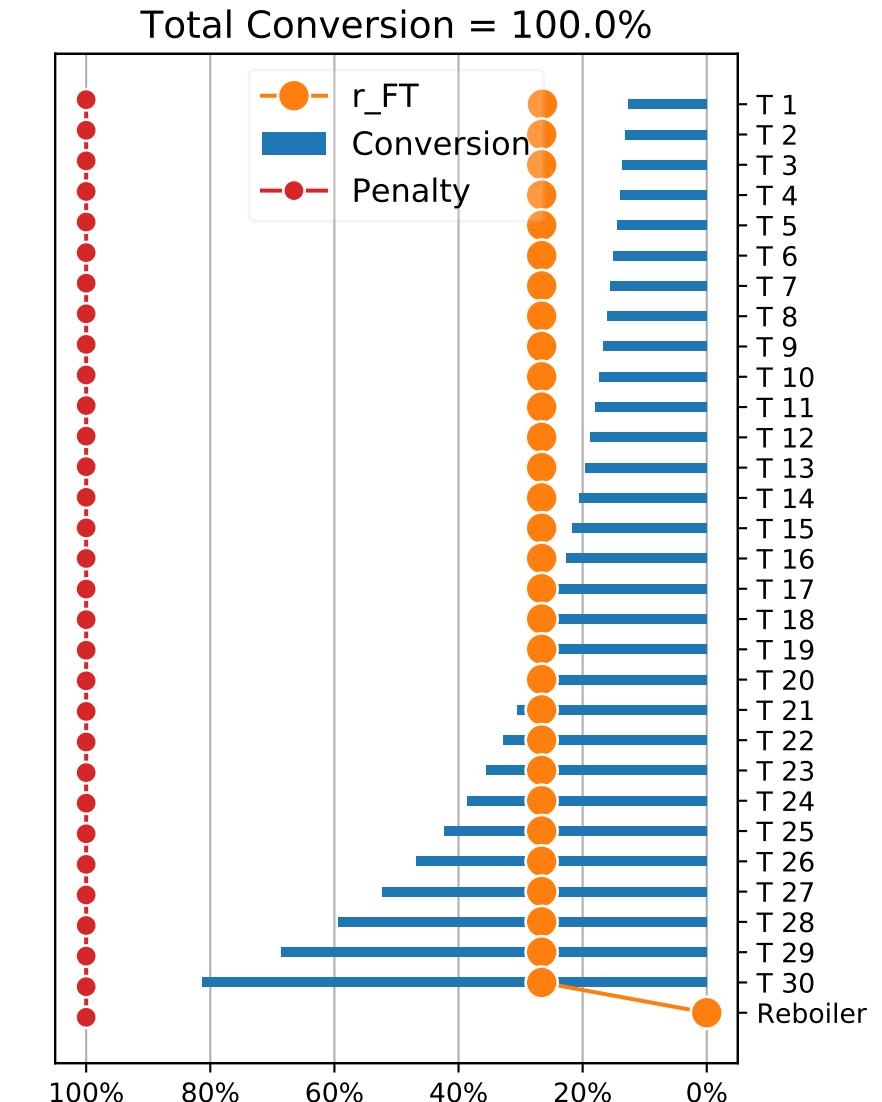
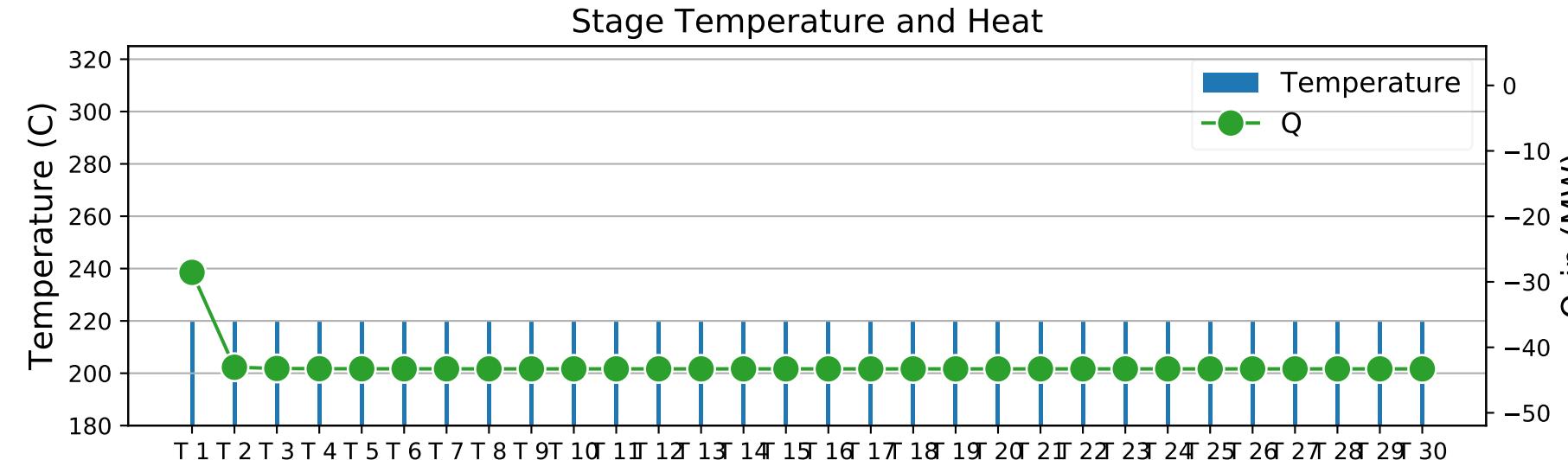
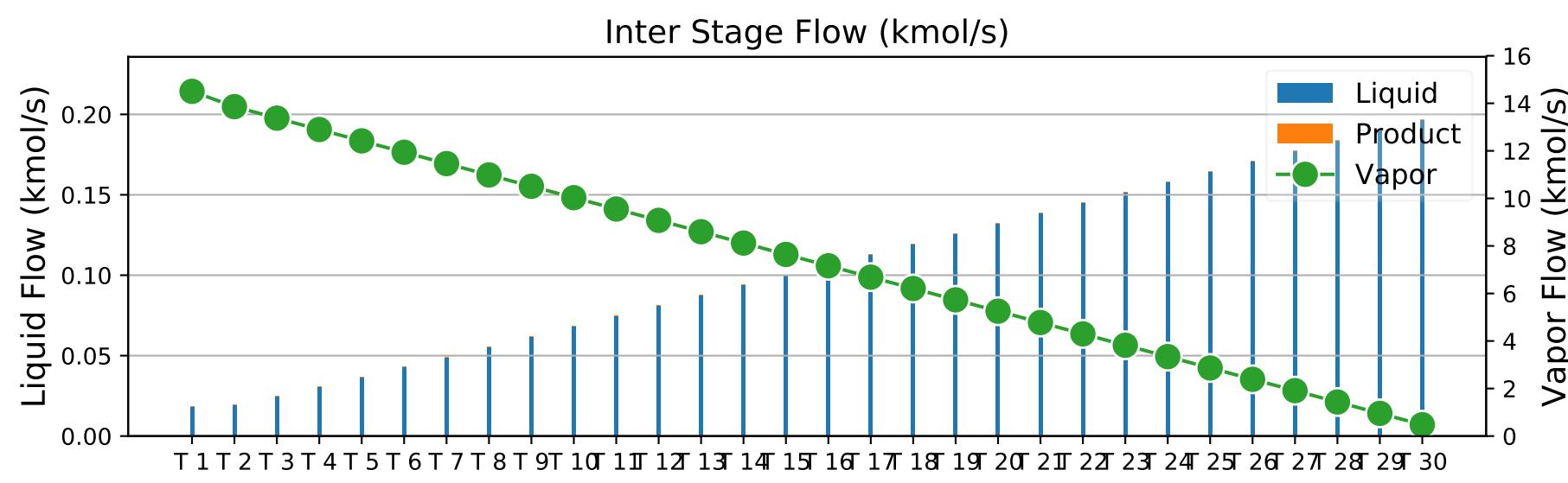
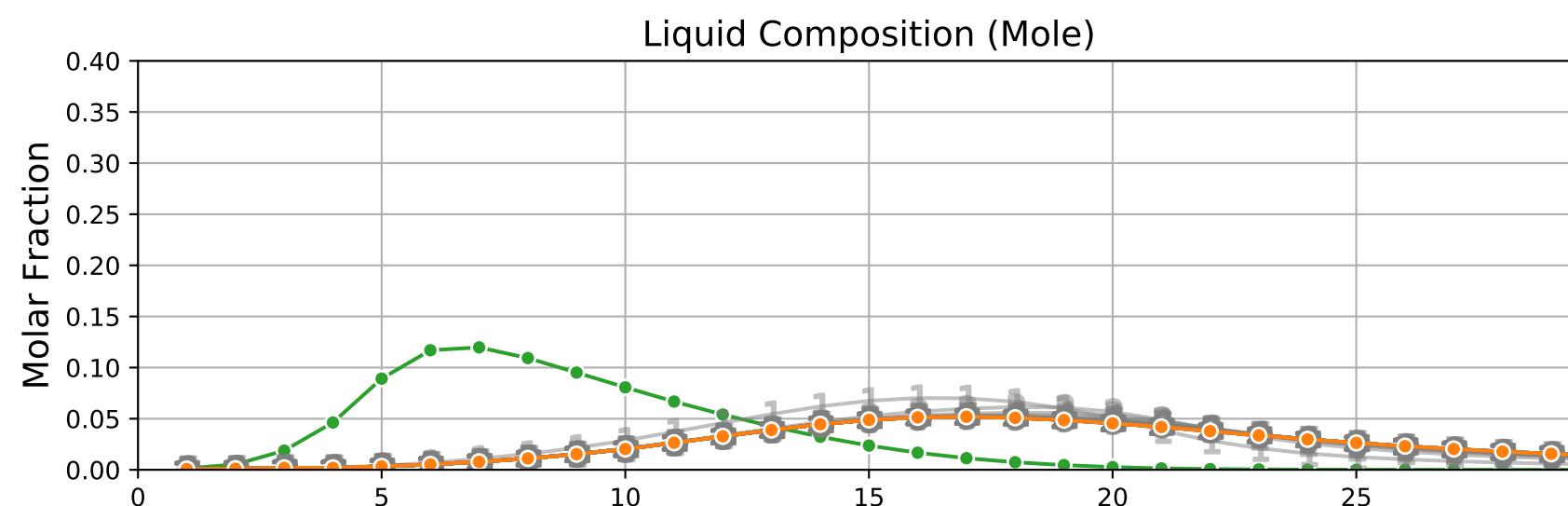
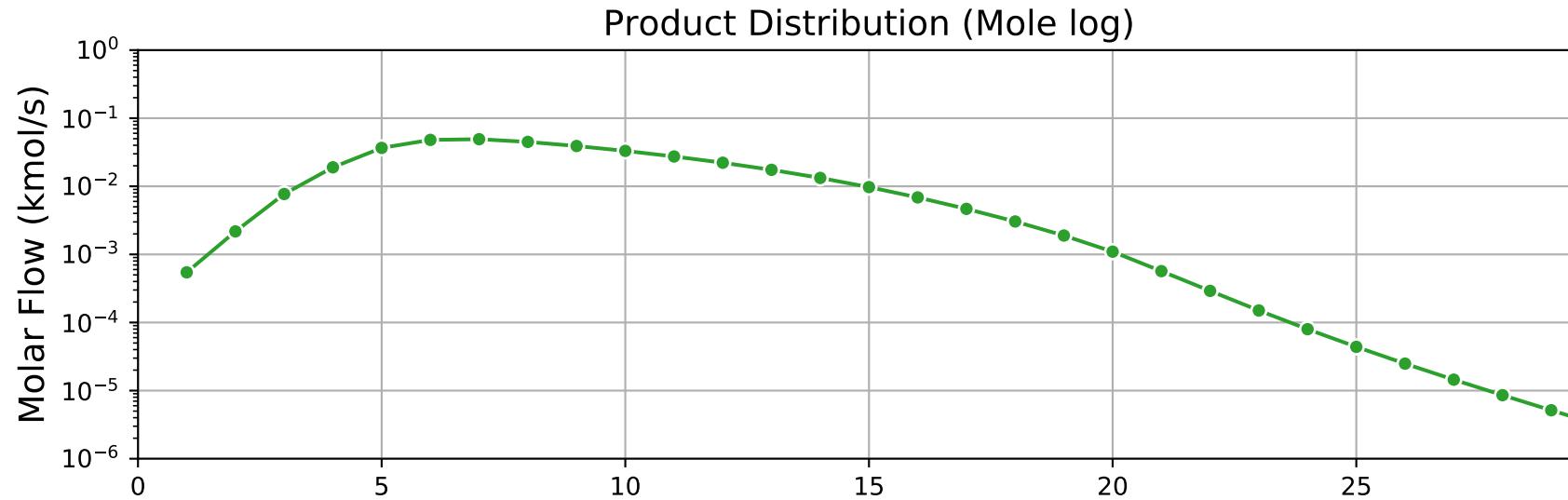


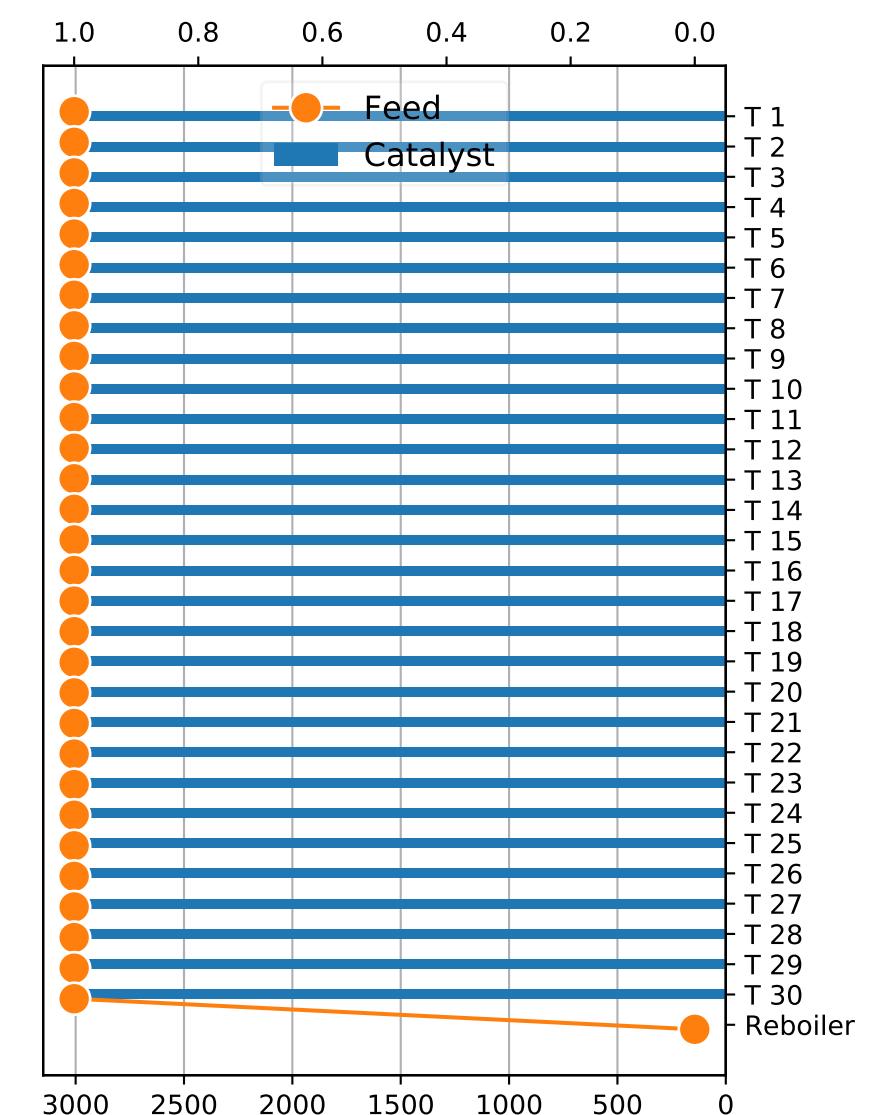
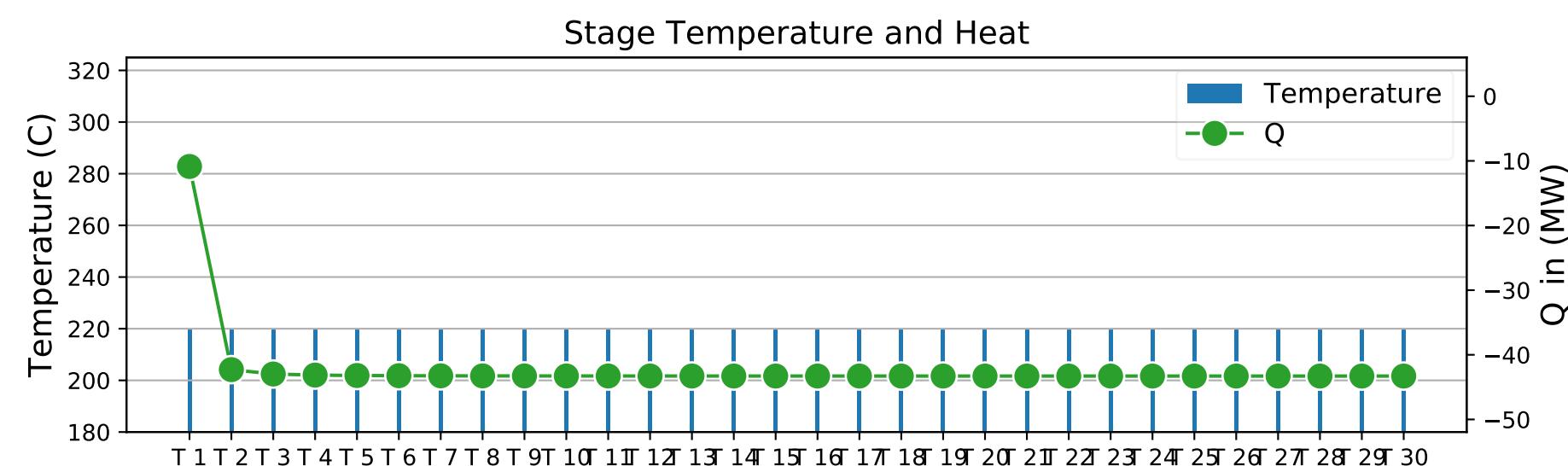
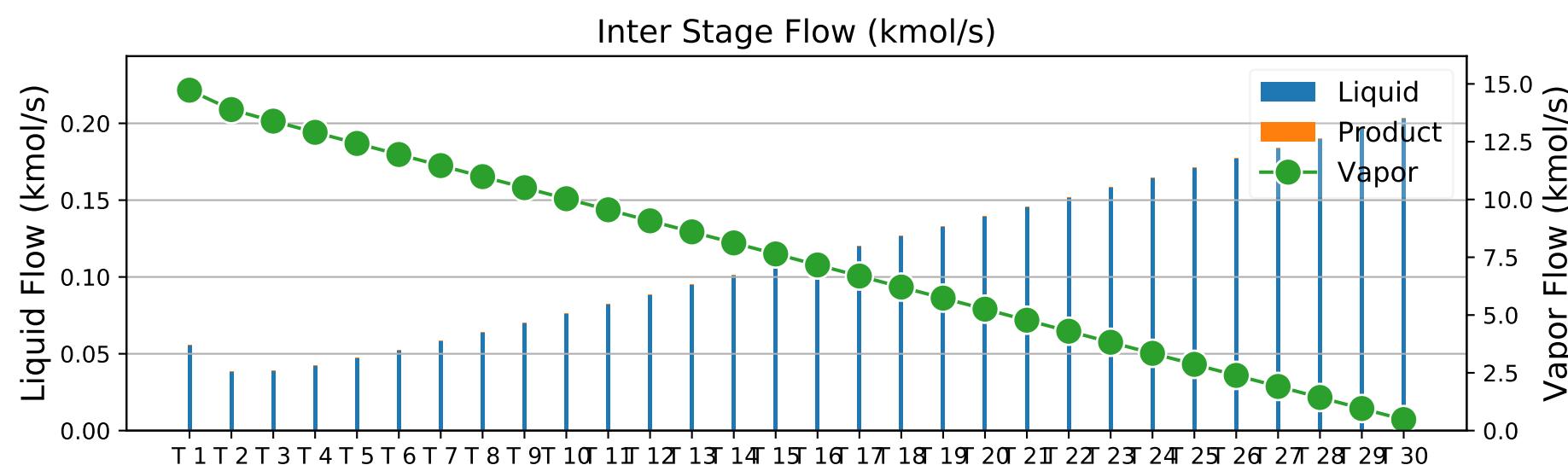
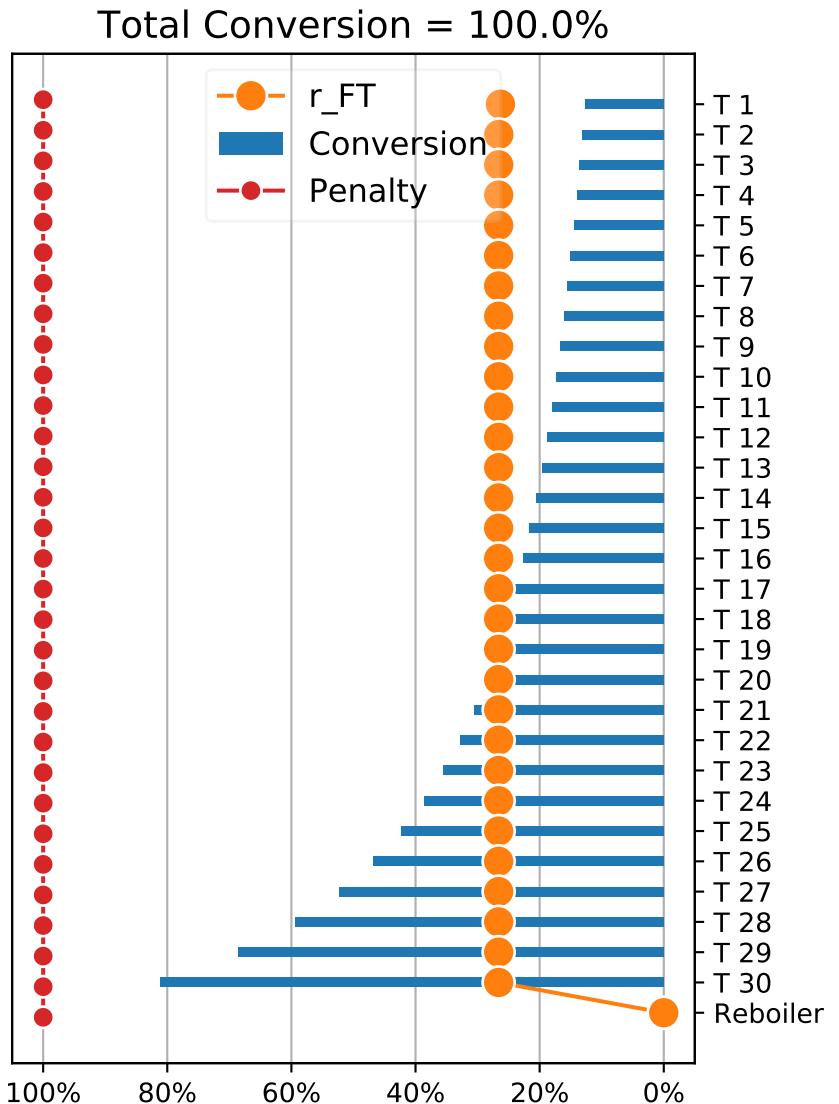
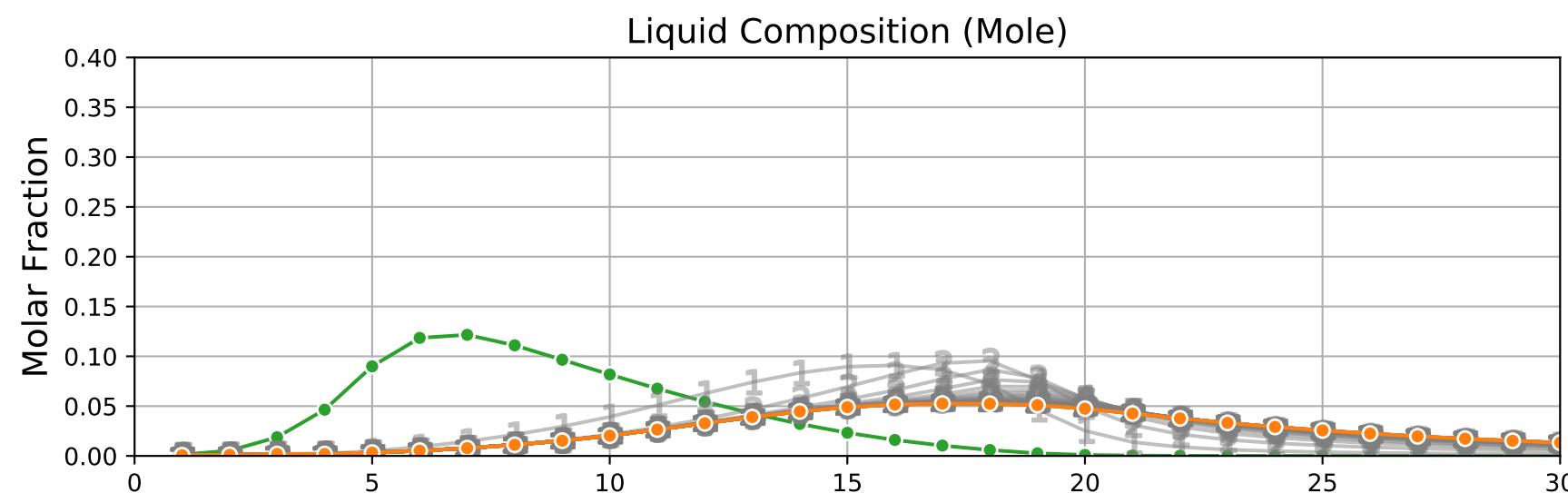
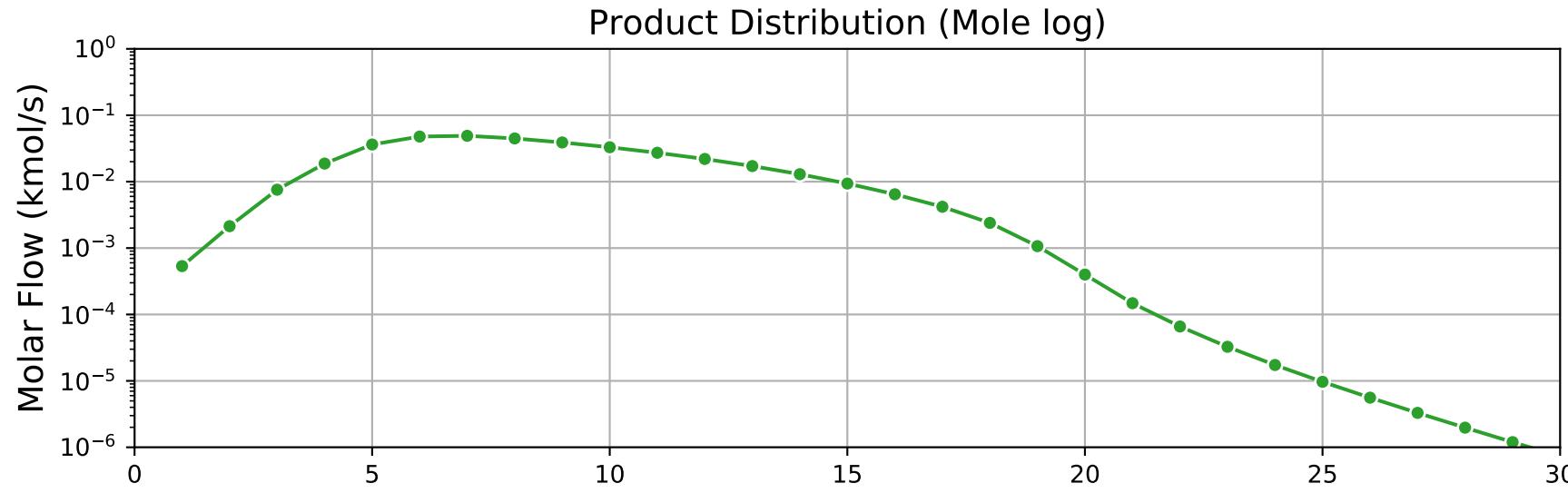
> Initialized with no reflux and reboil <



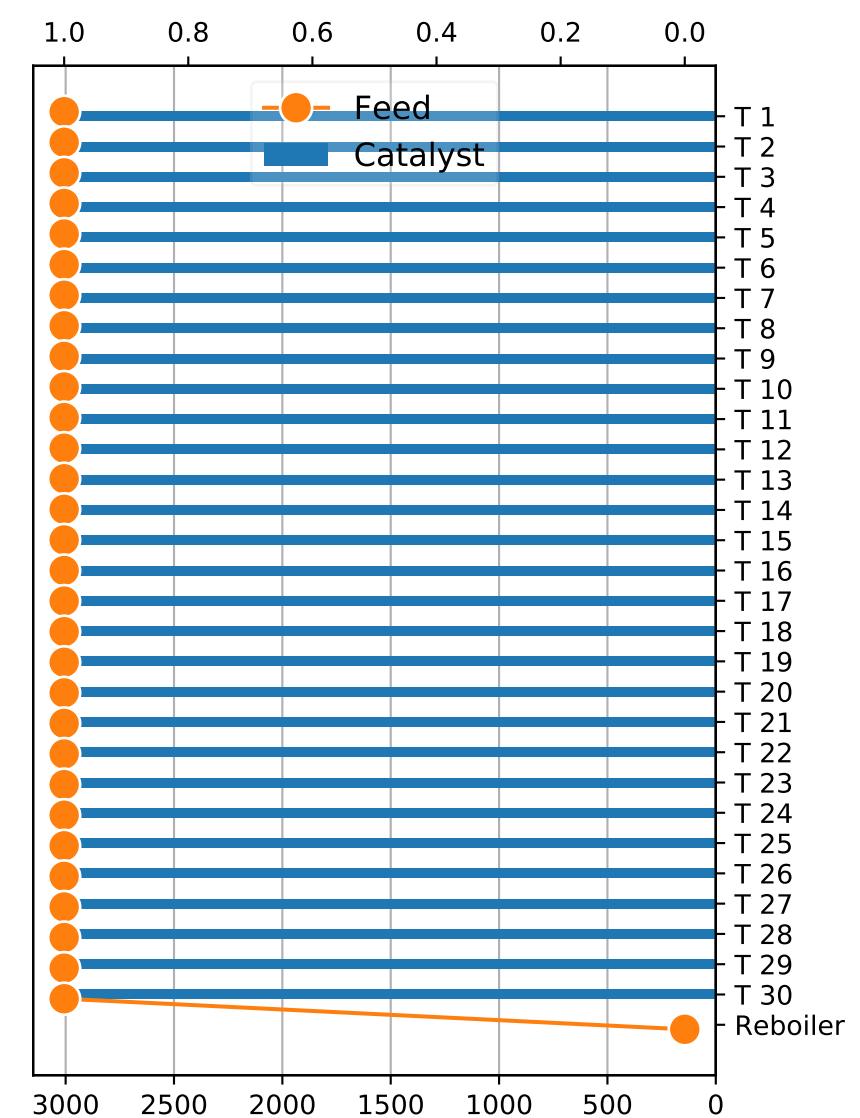
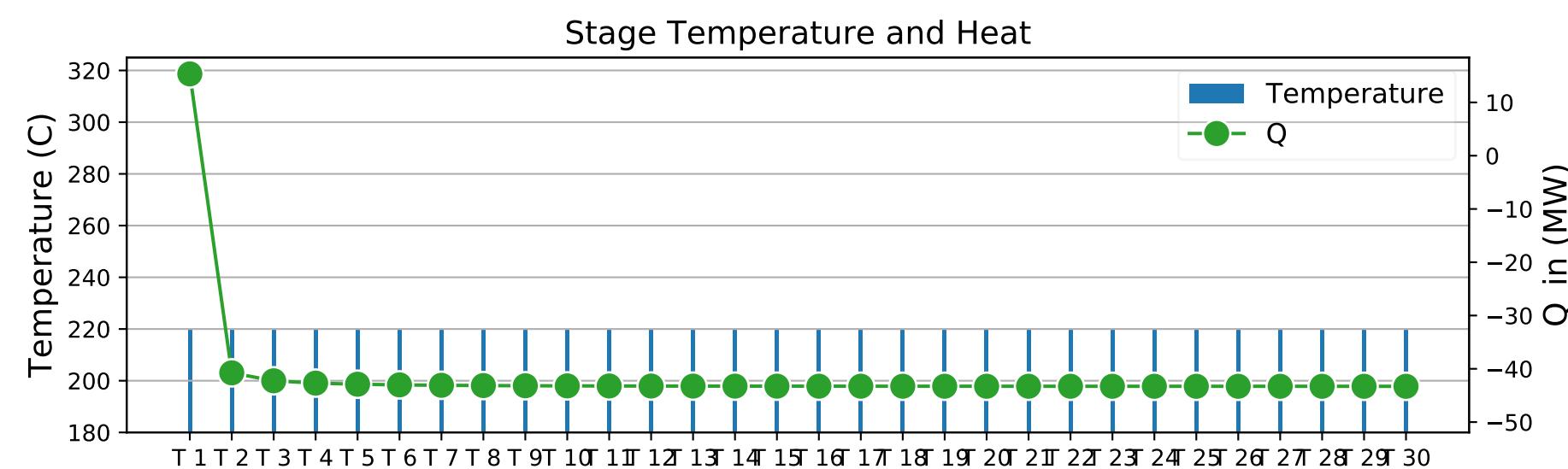
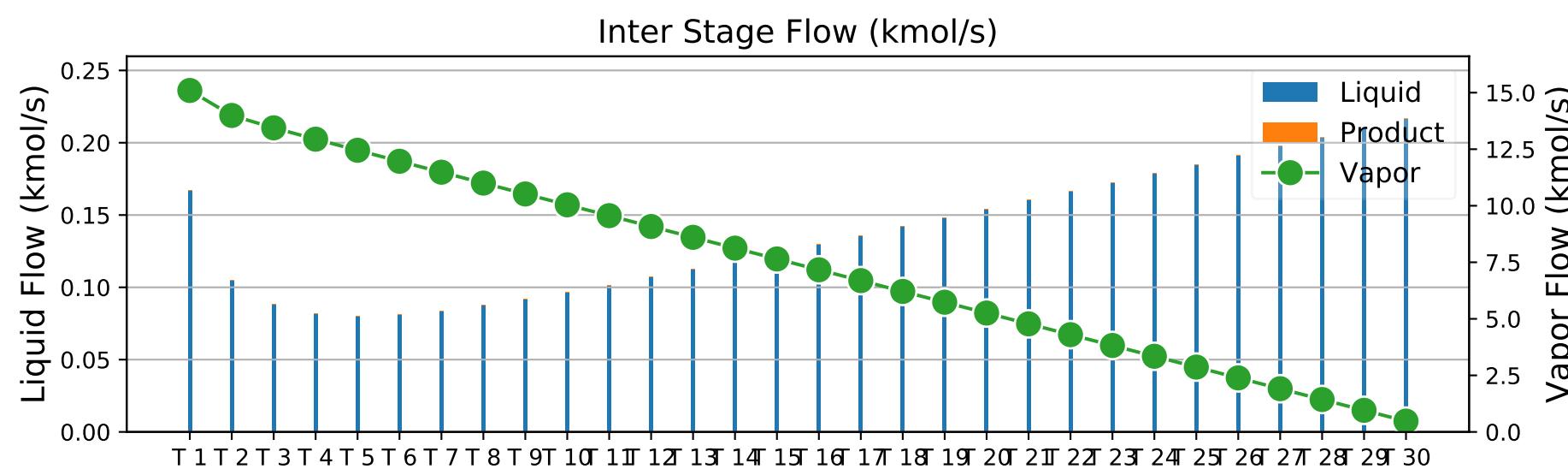
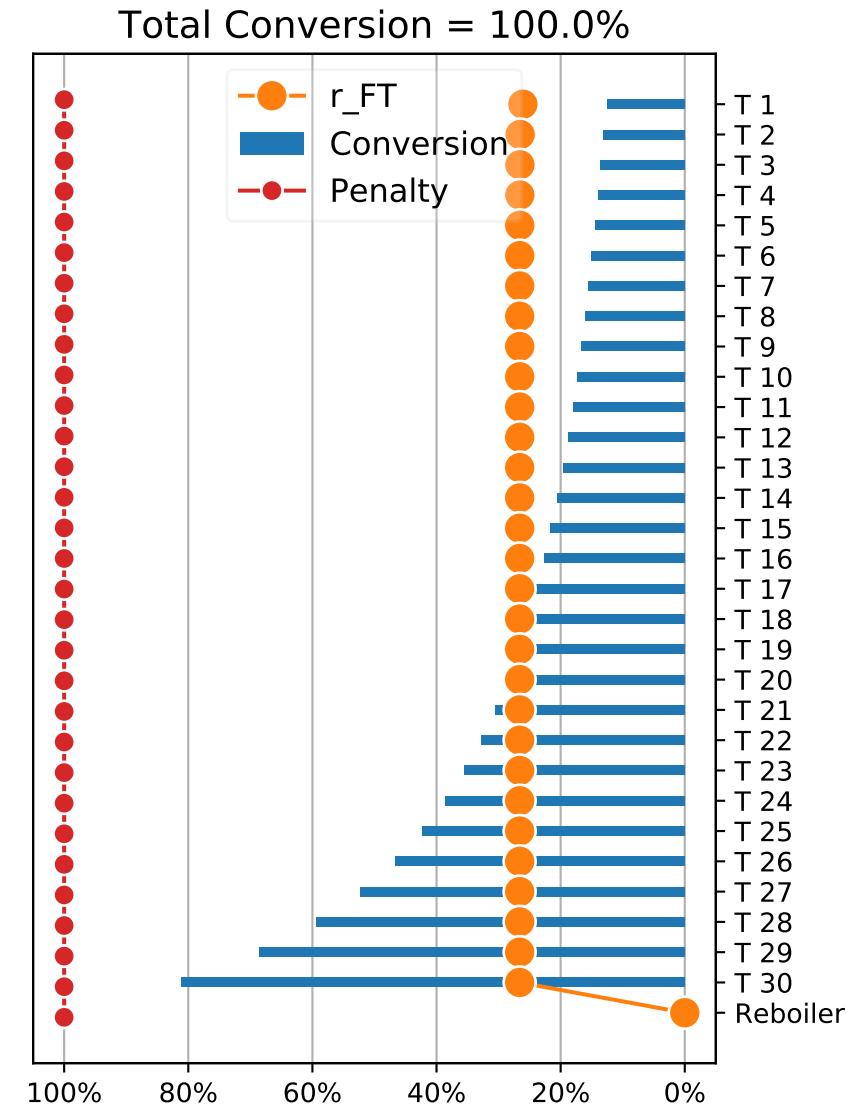
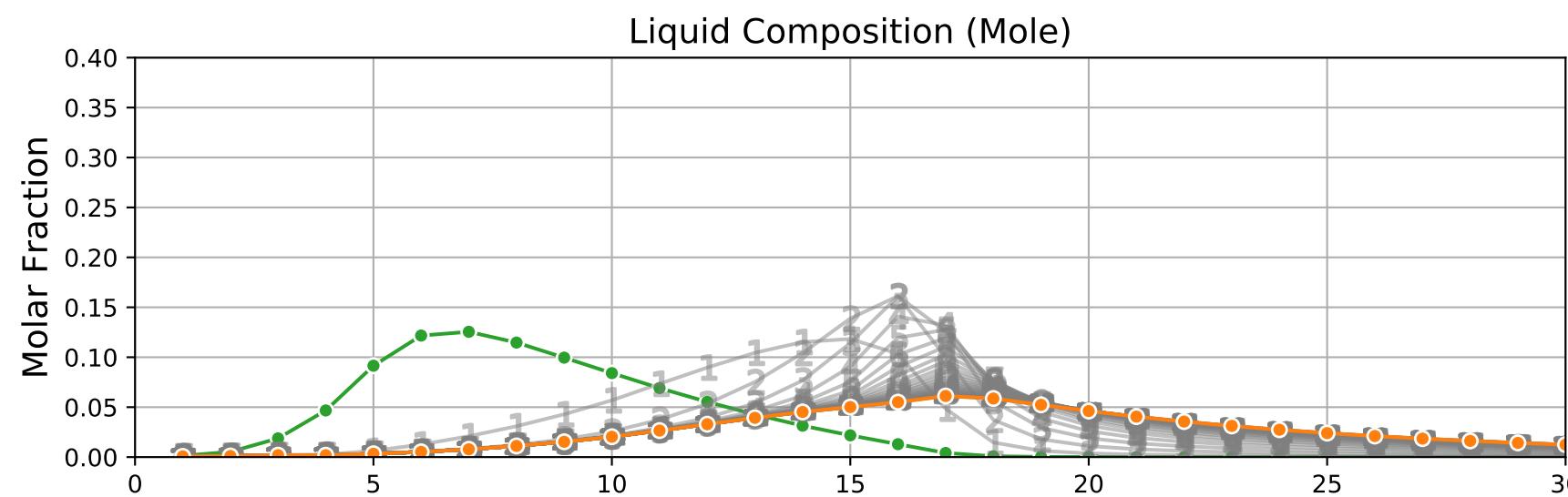
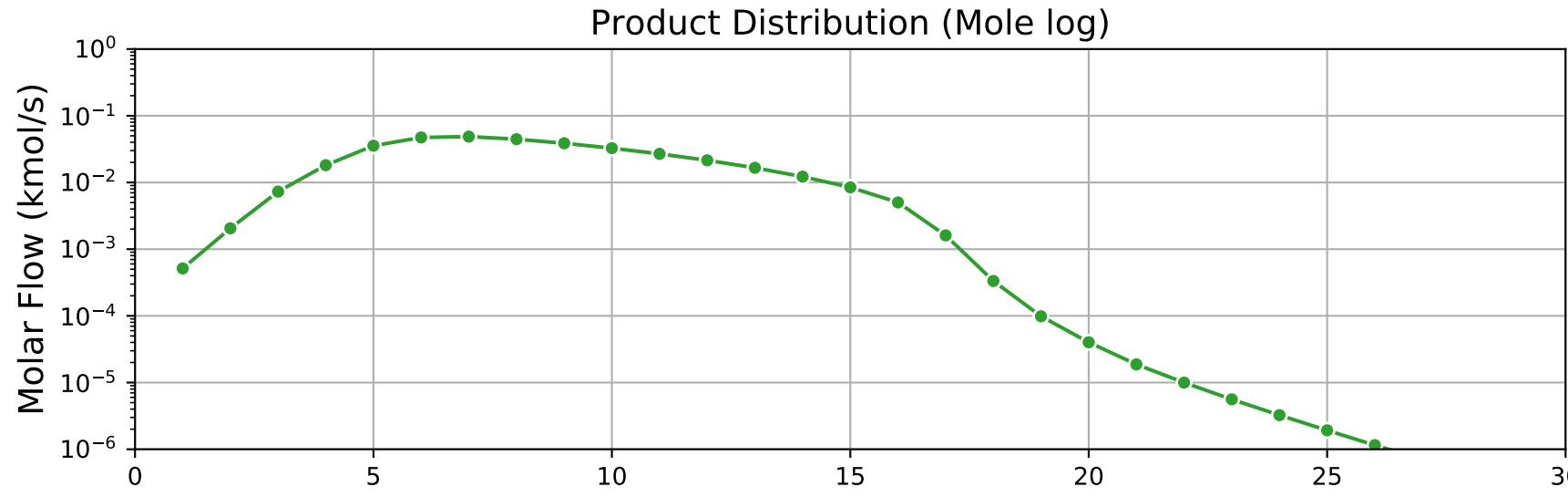
> Refulx PR ratio = 0.70 <



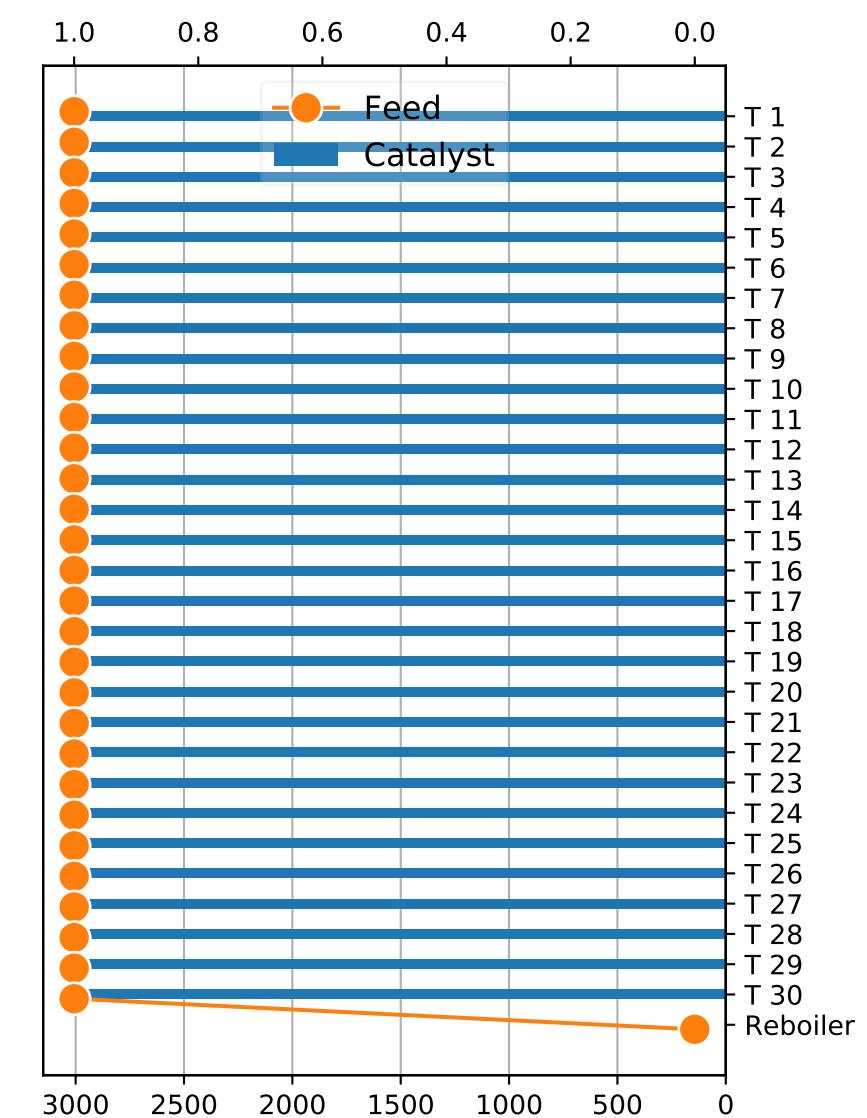
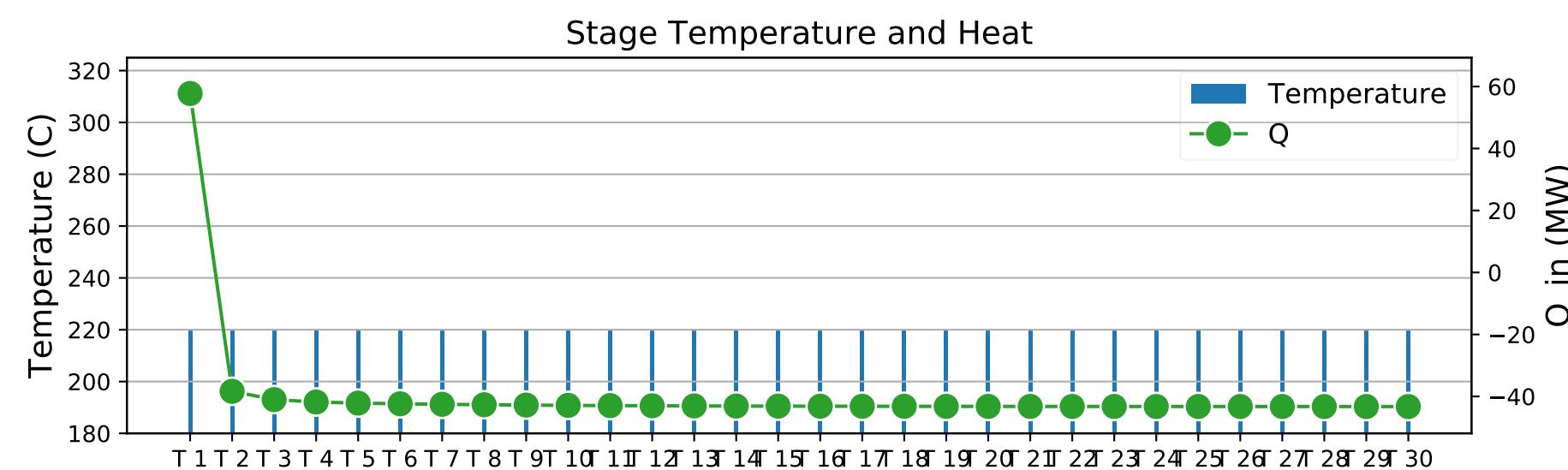
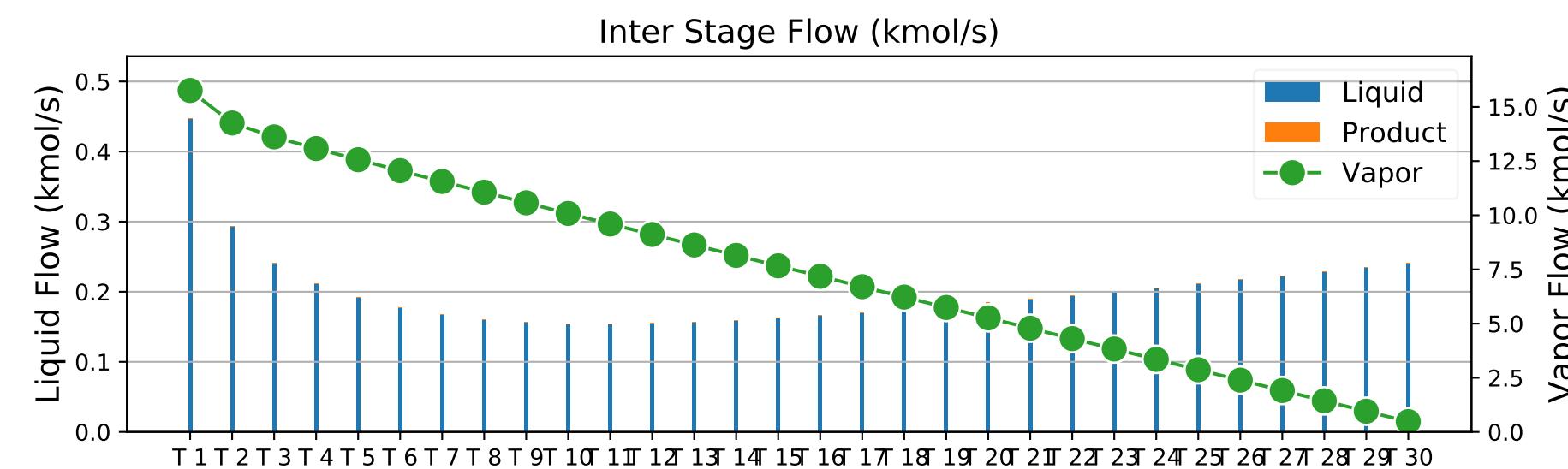
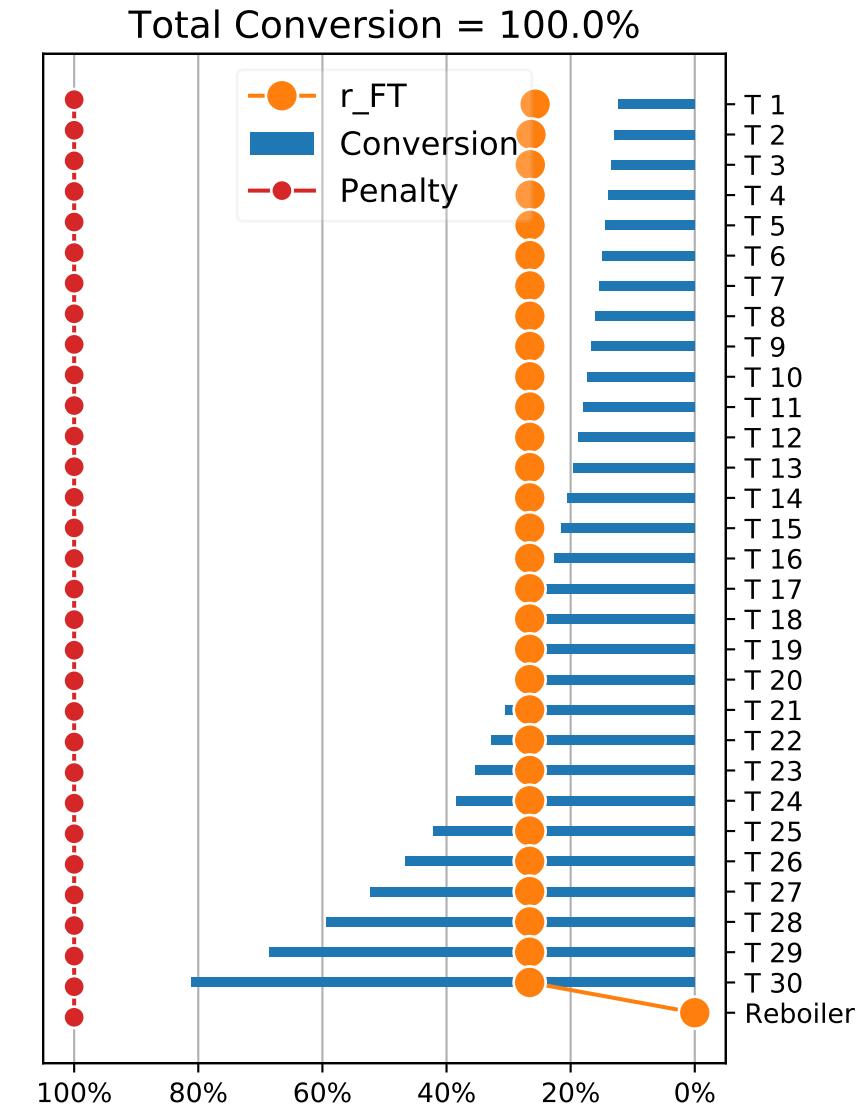
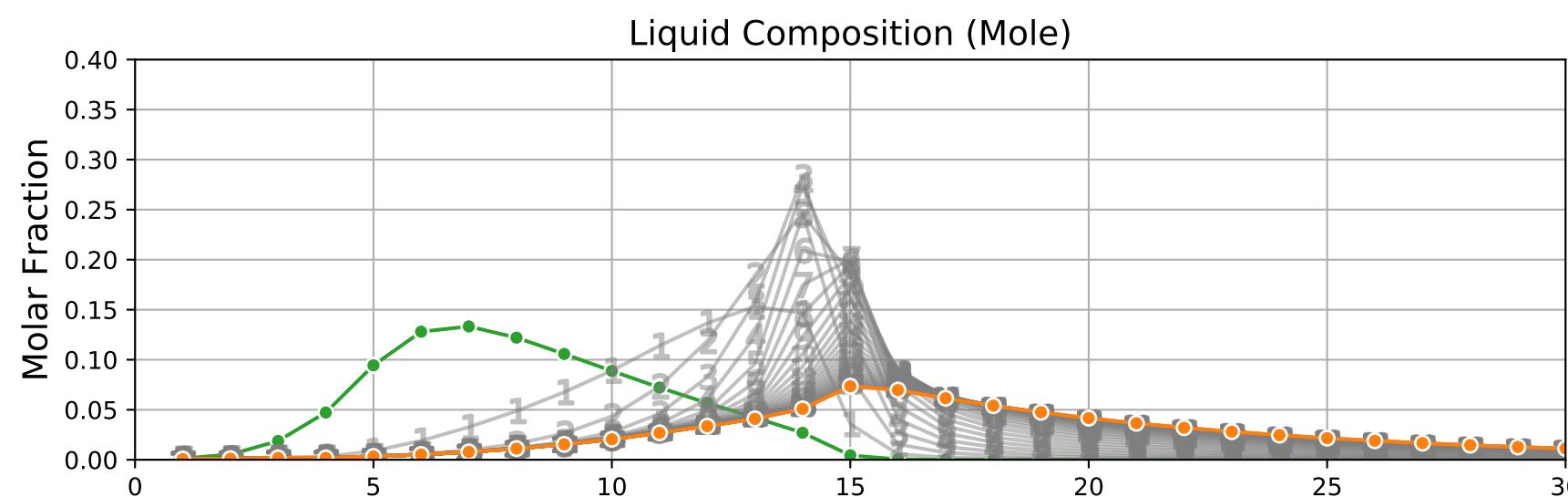
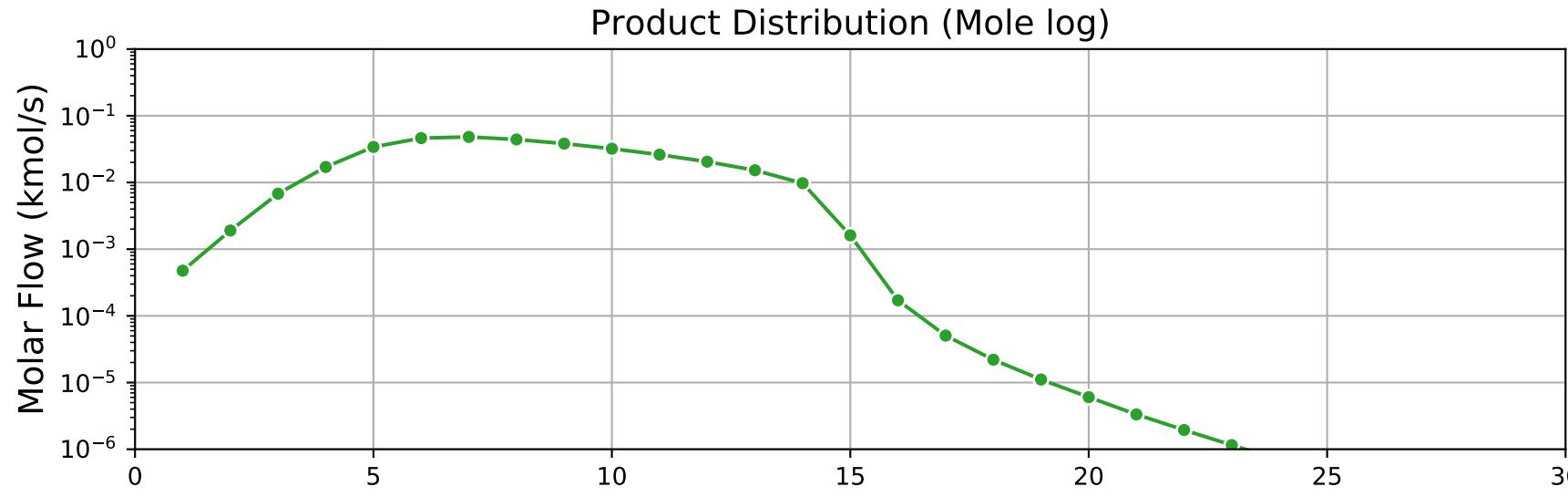
> Reflux PR ratio = 0.50 <



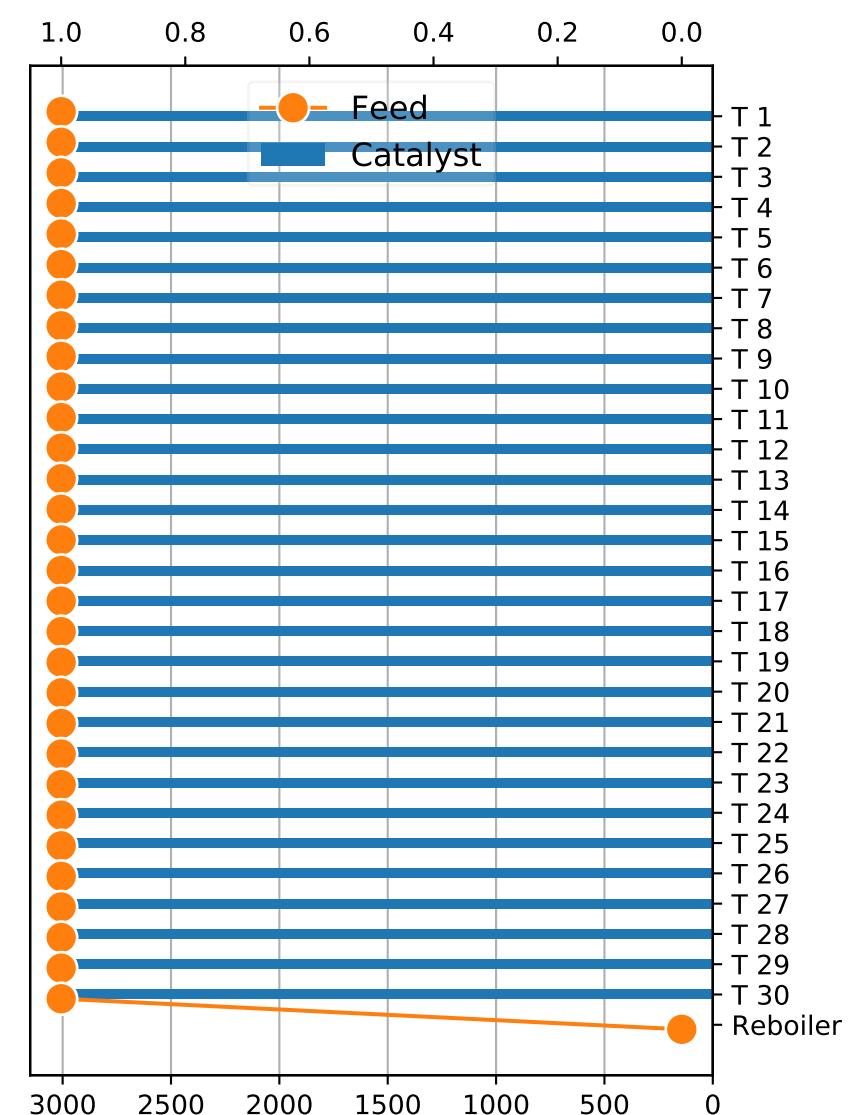
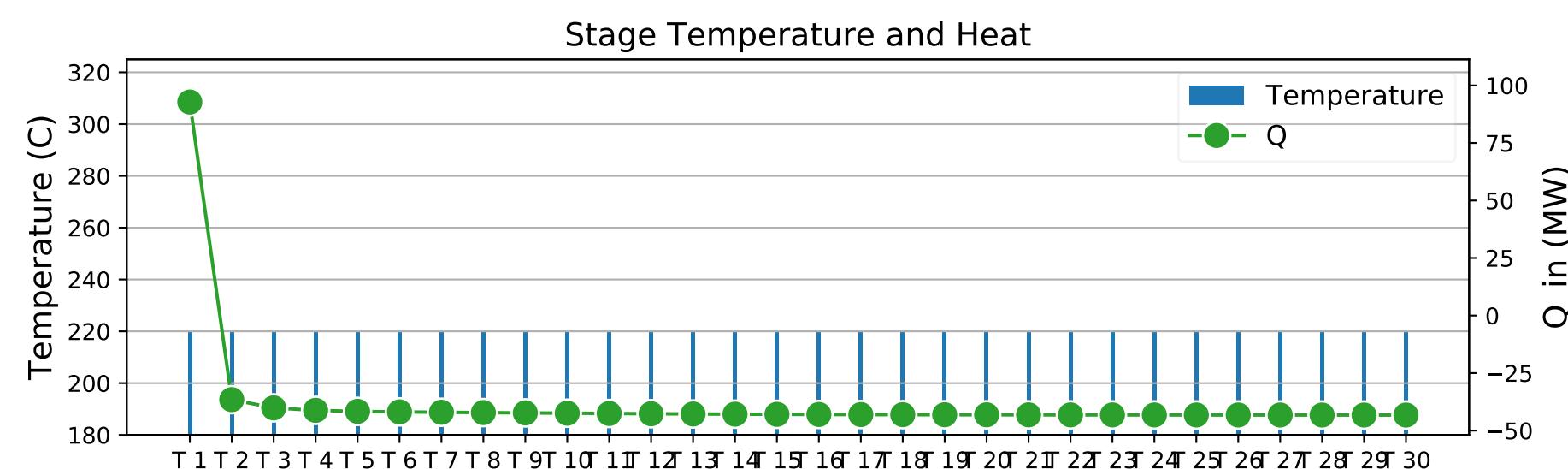
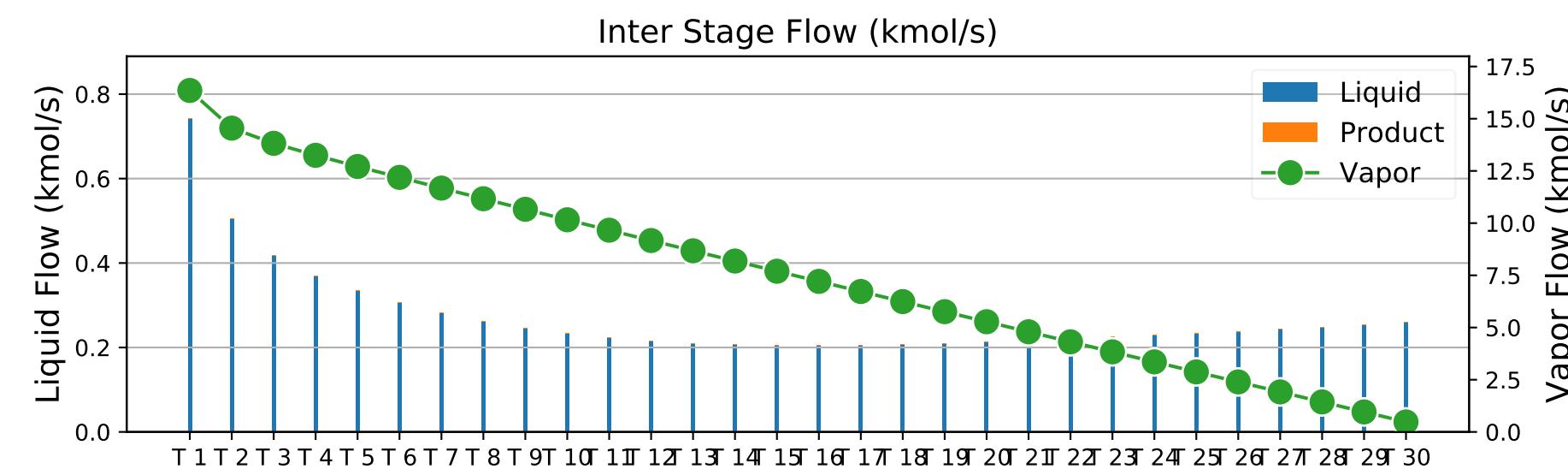
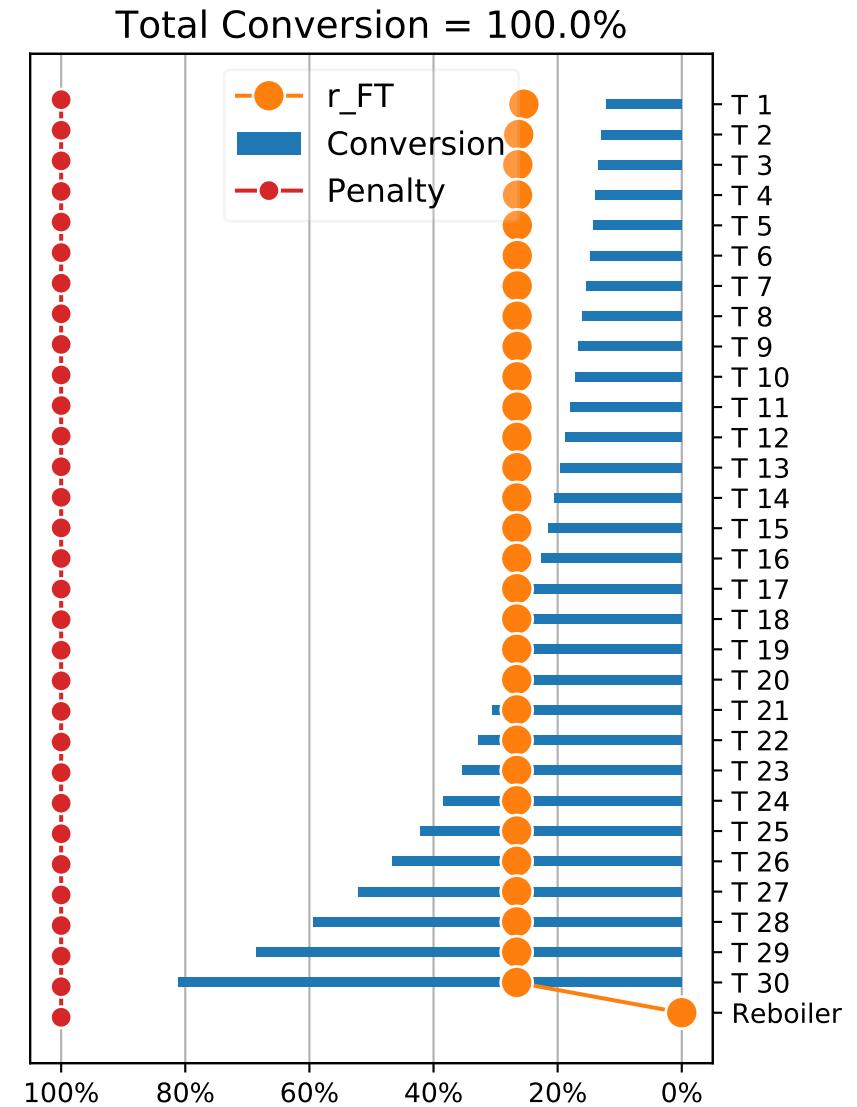
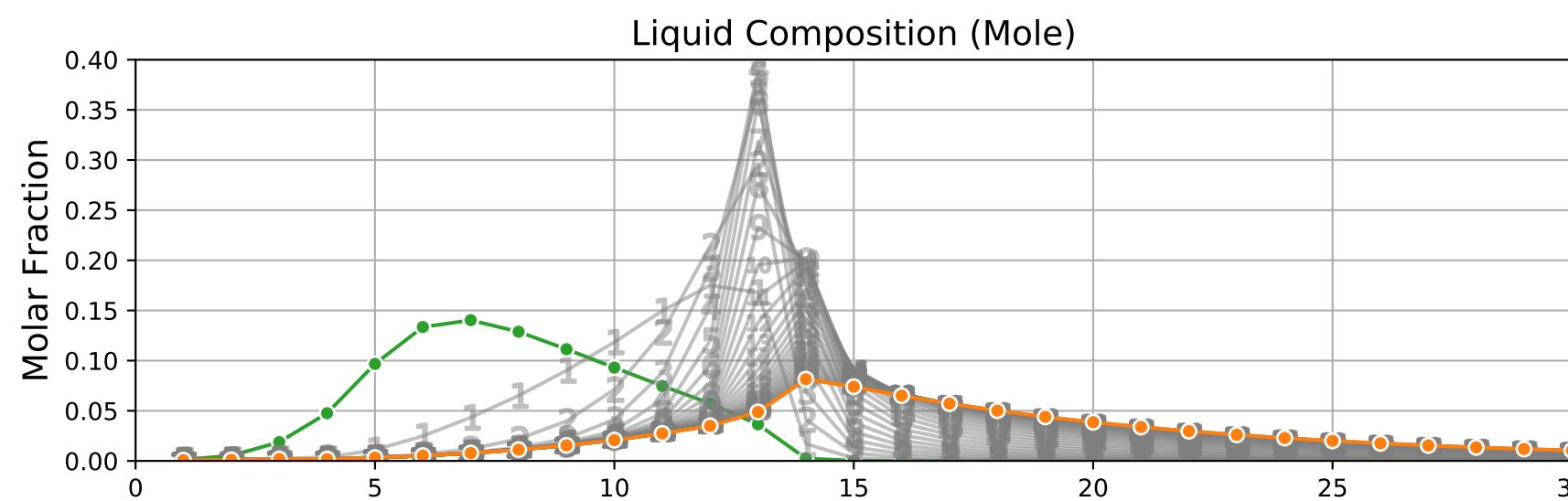
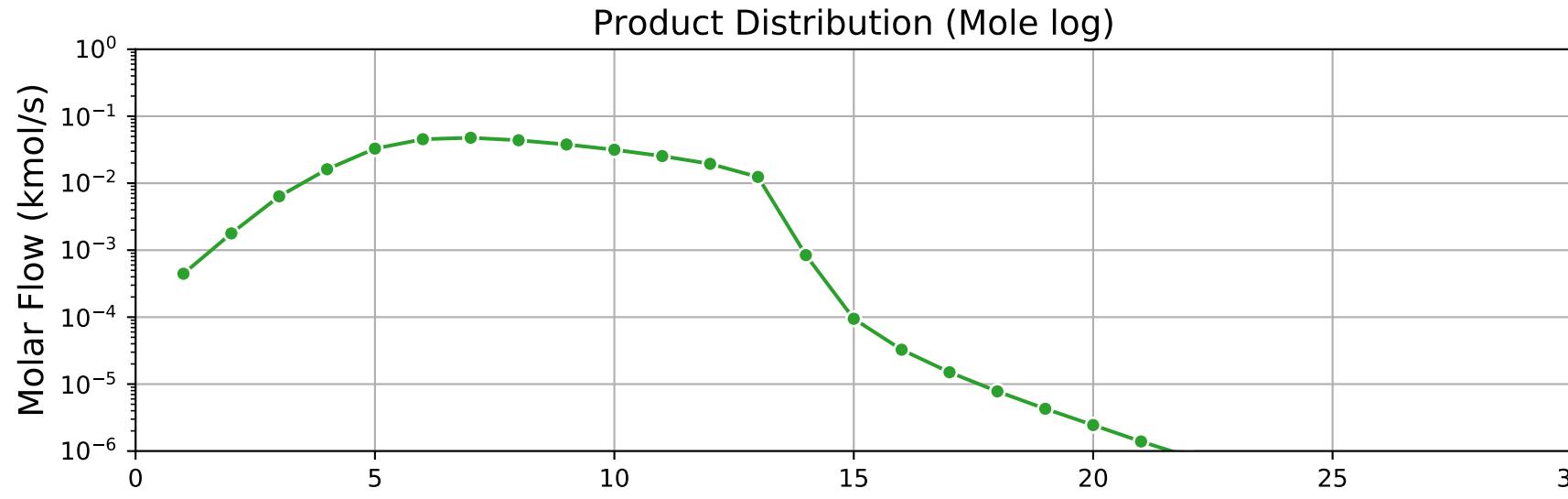
> Reflux PR ratio = 0.33 <



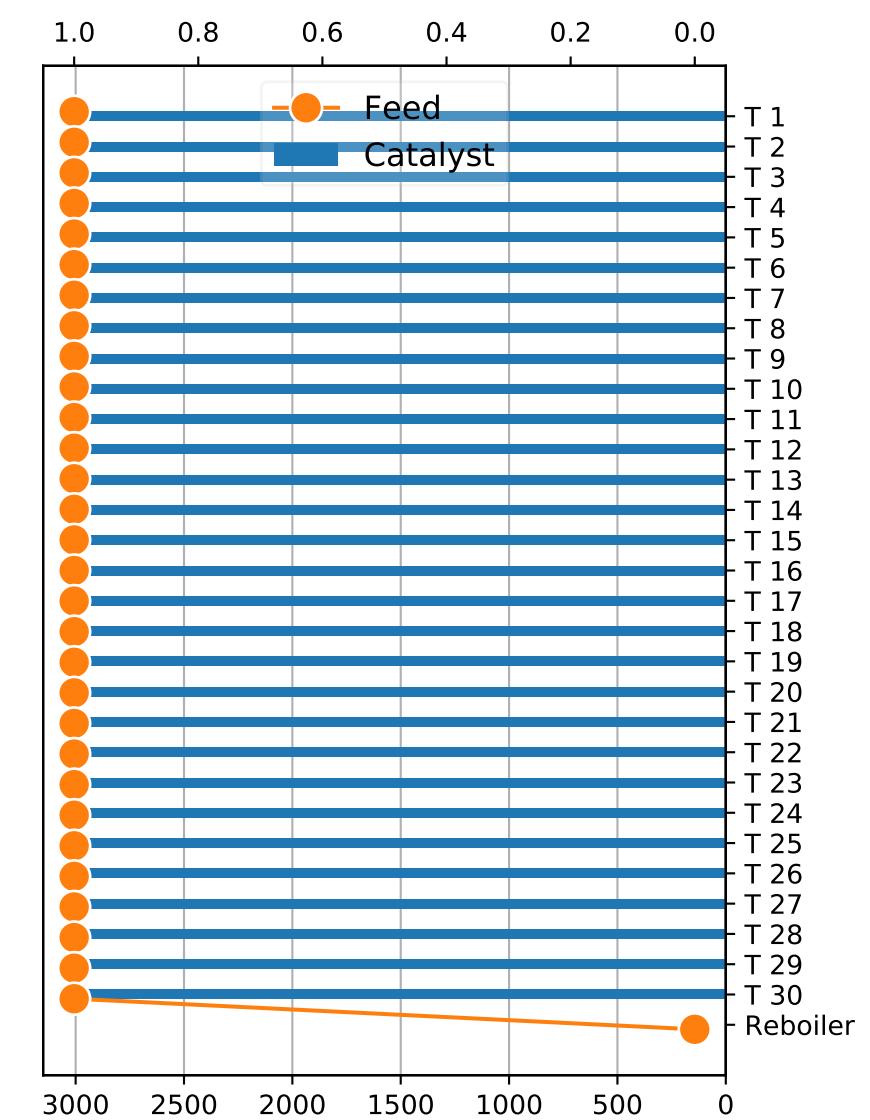
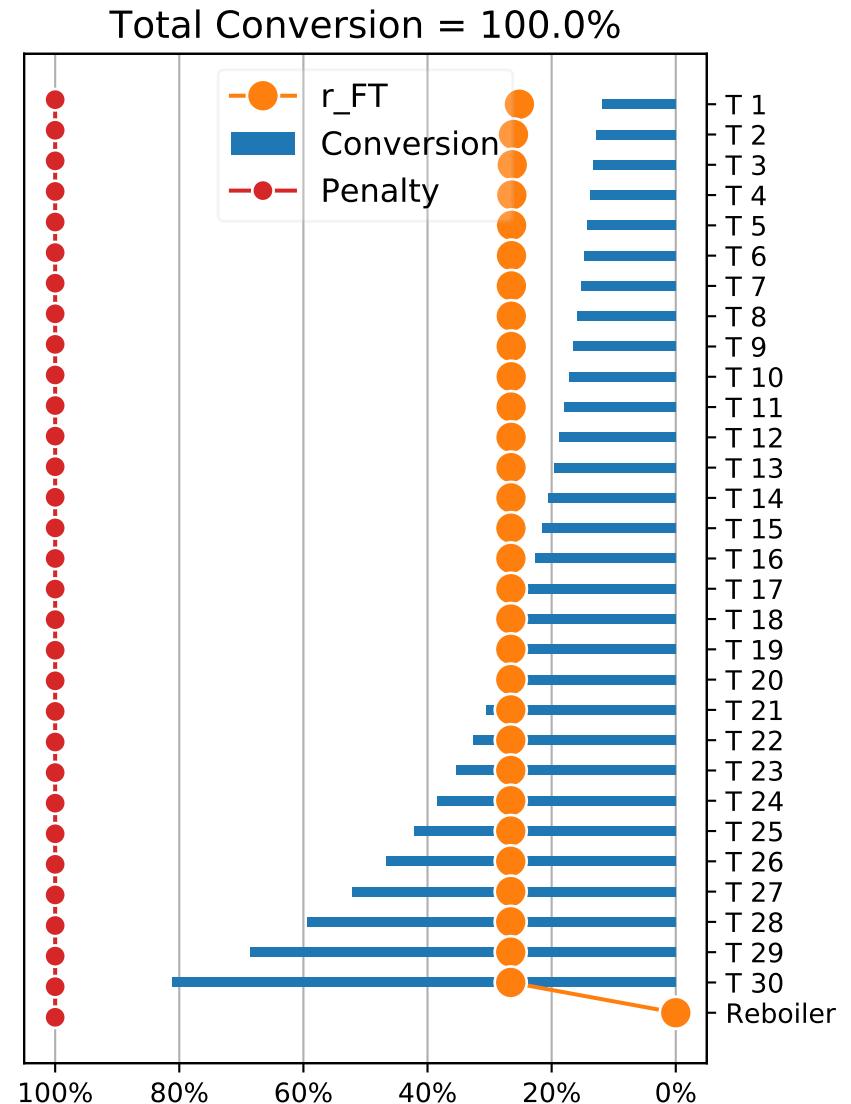
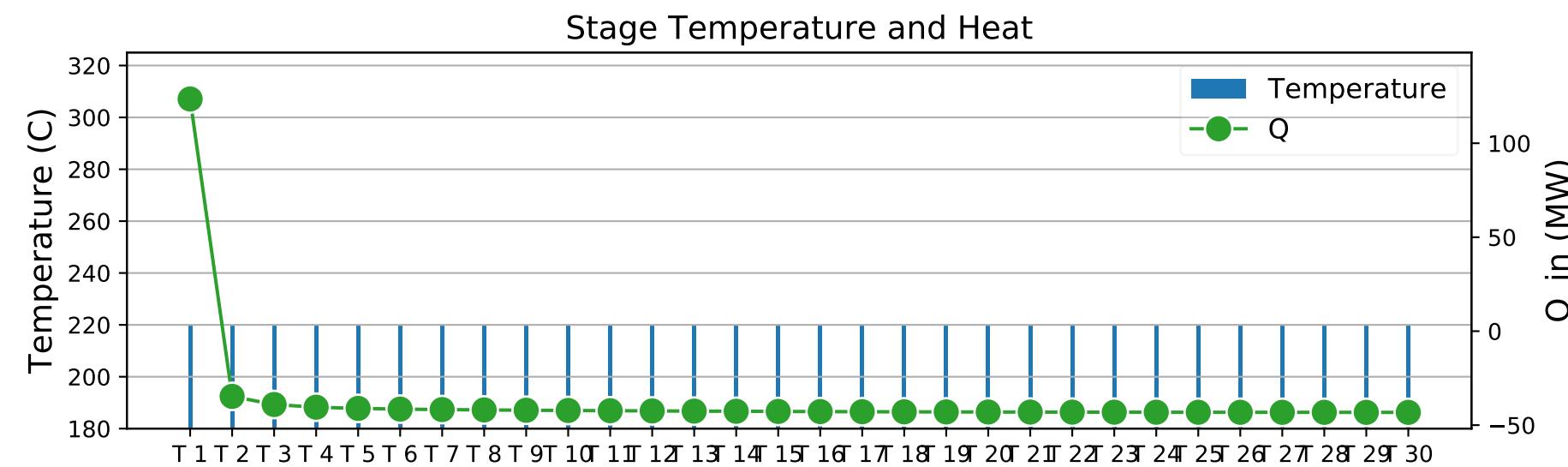
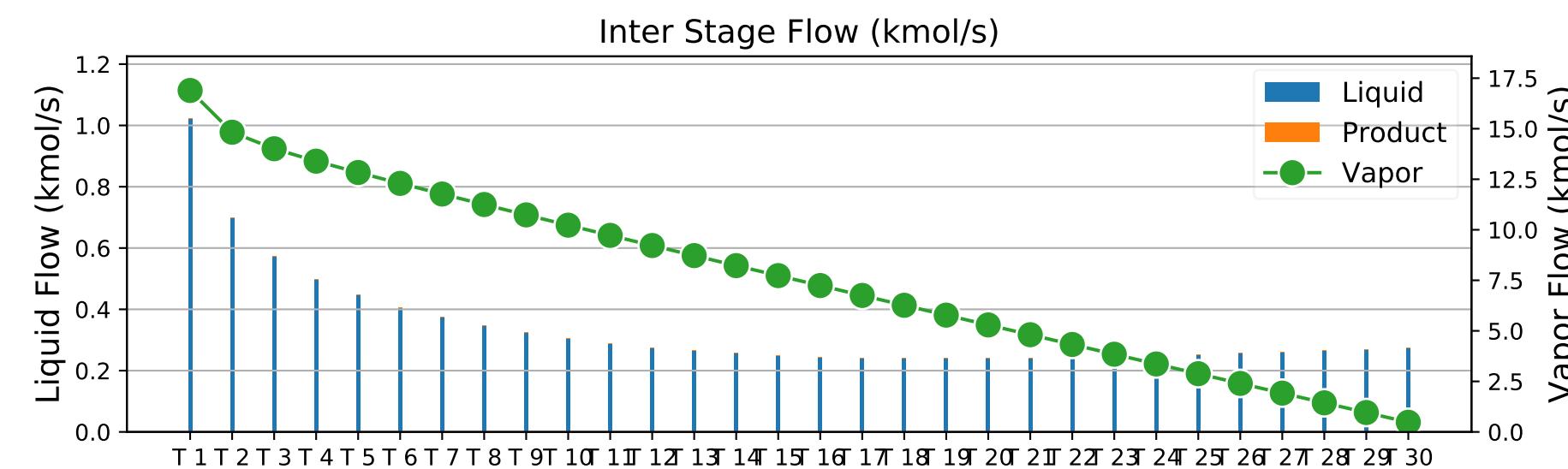
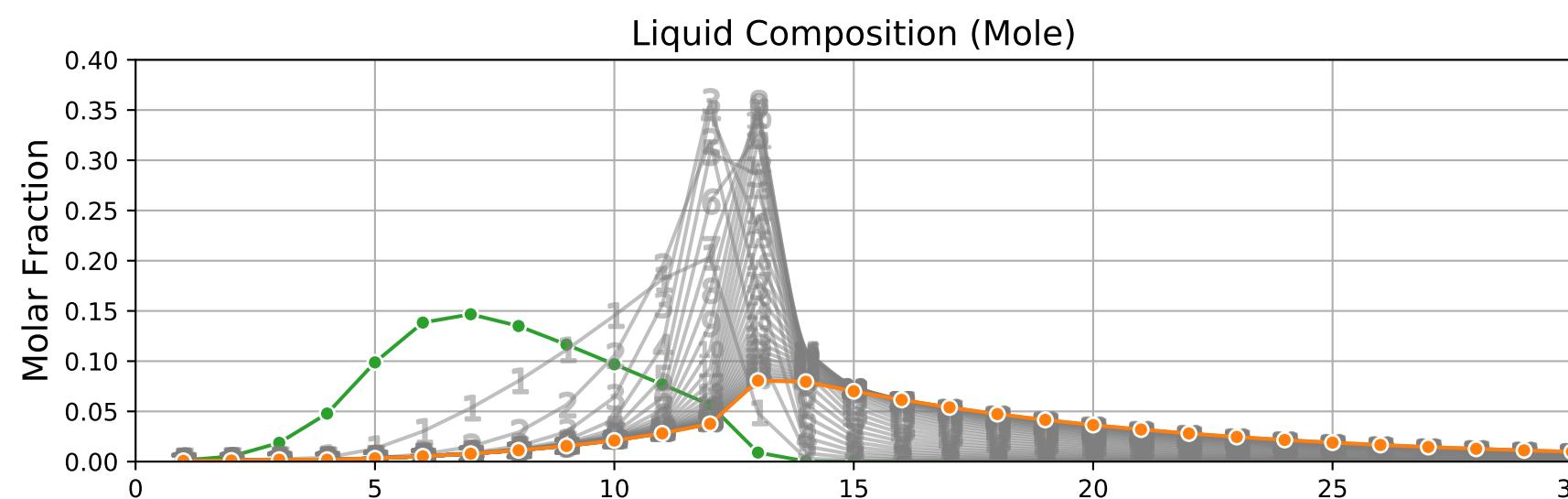
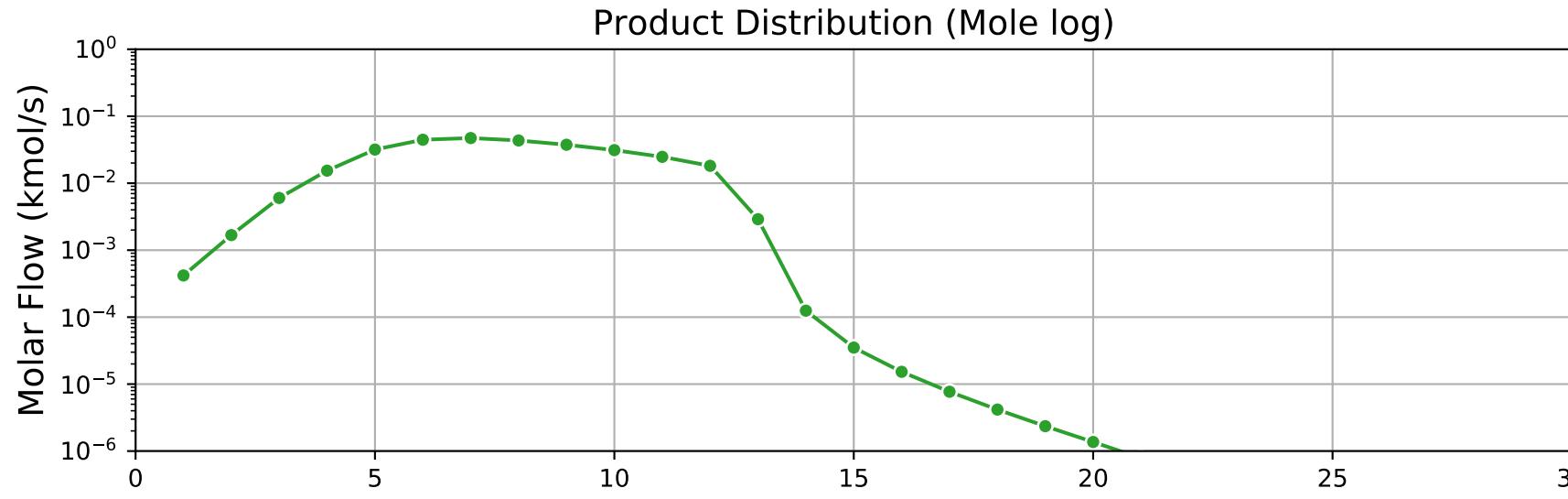
> Reflux PR ratio = 0.20 <



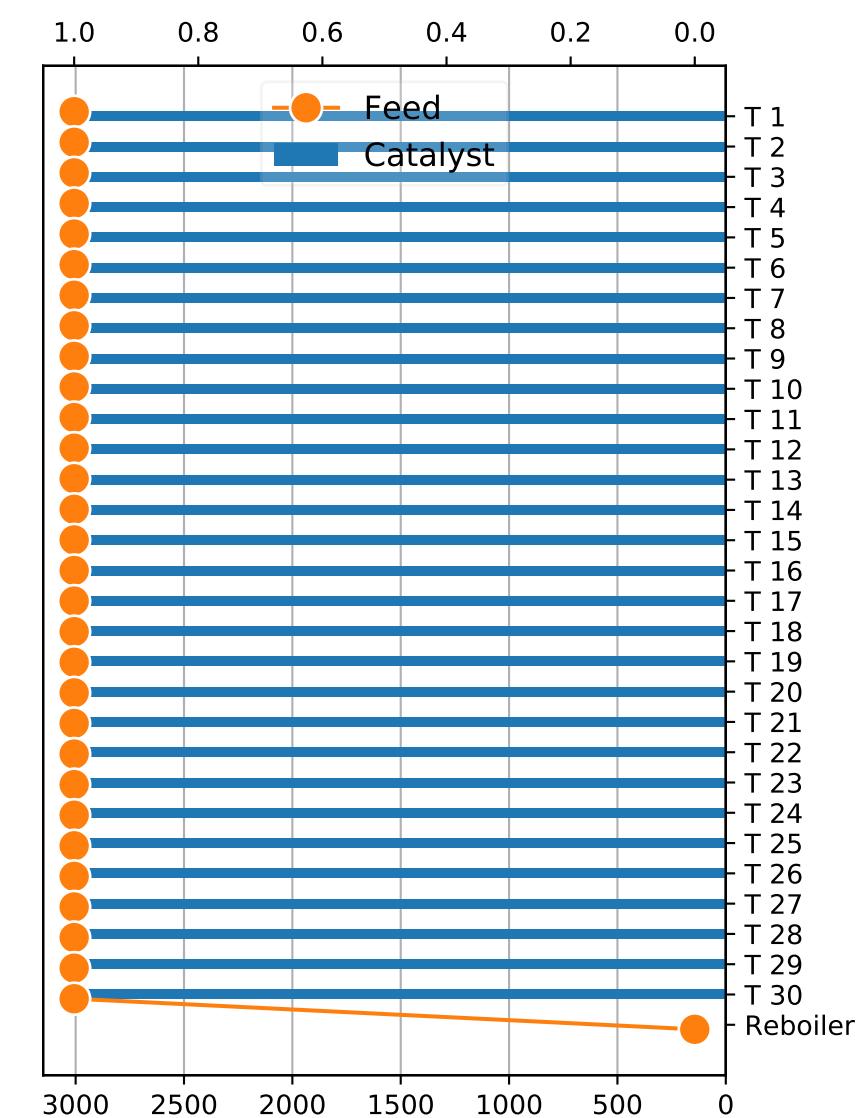
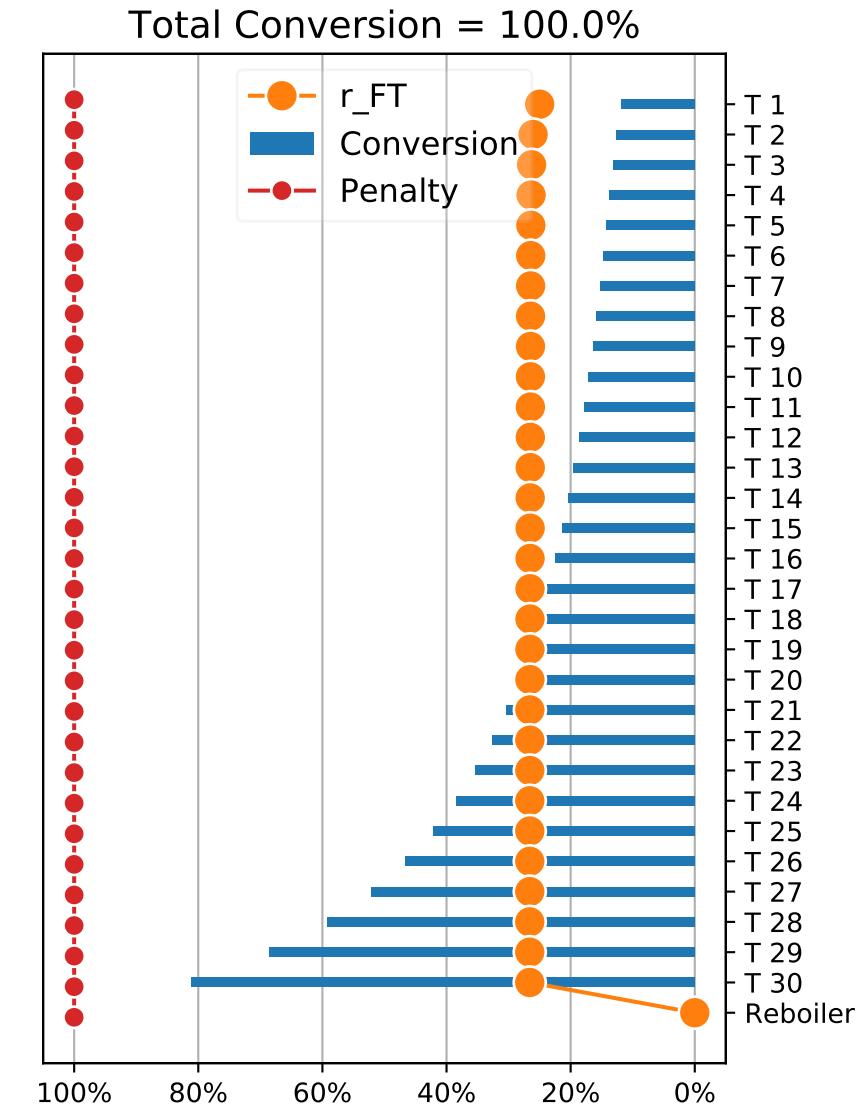
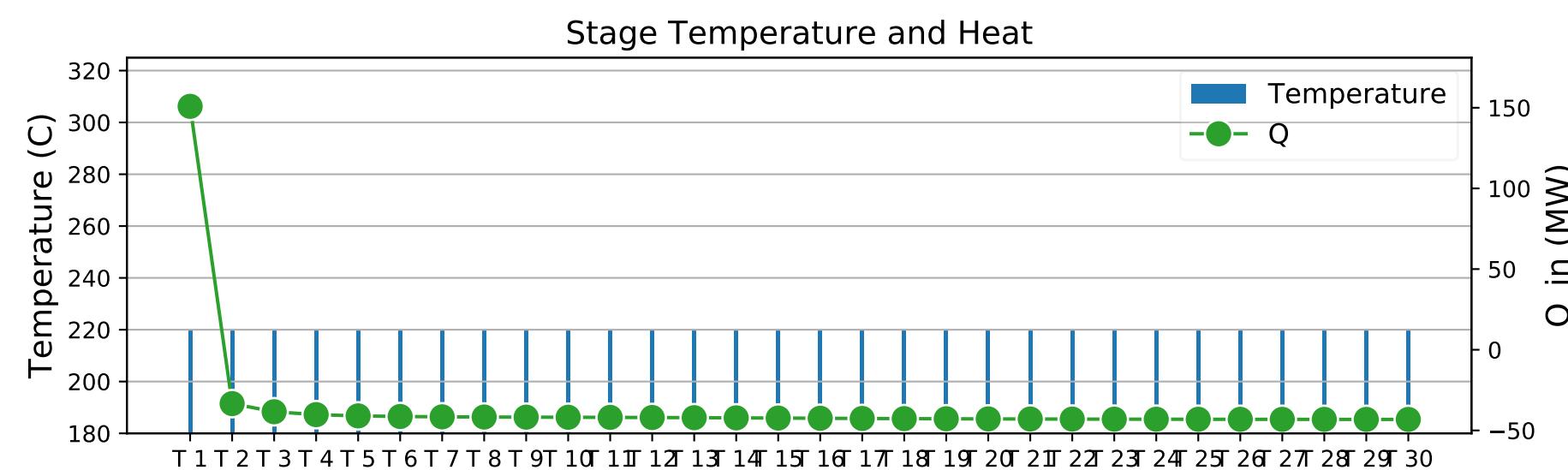
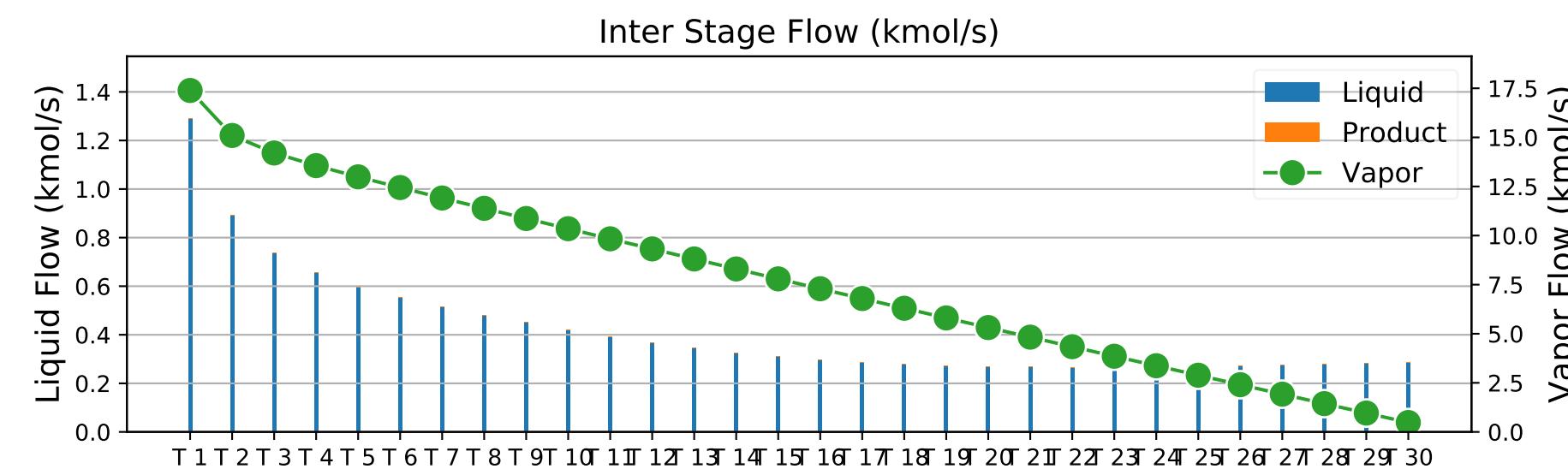
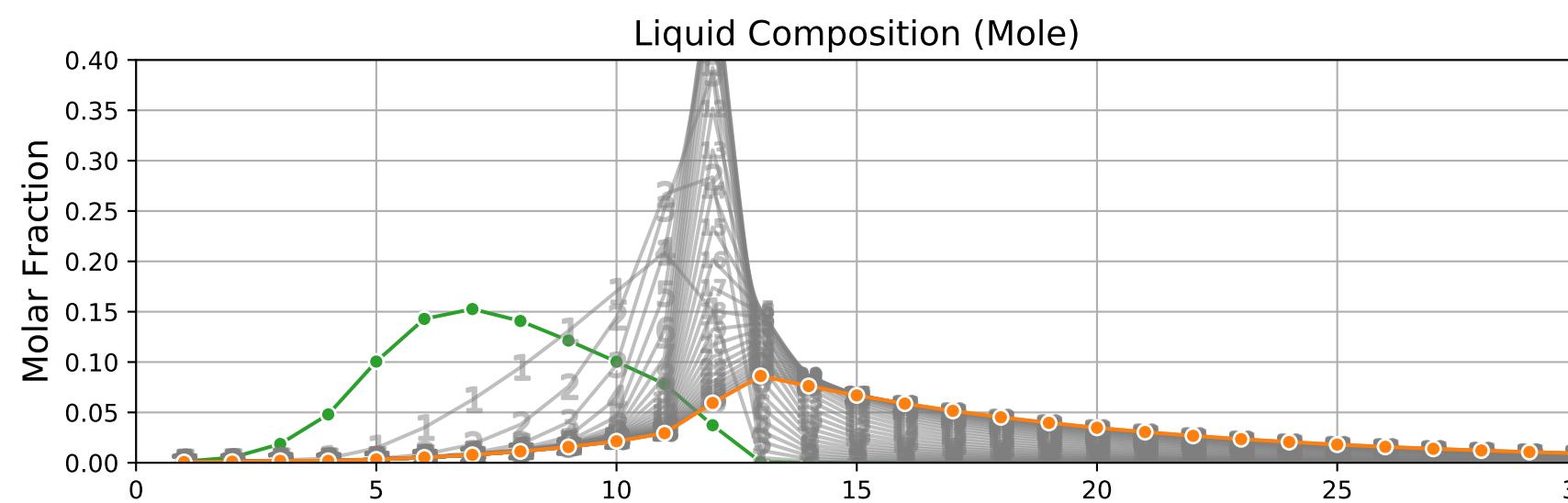
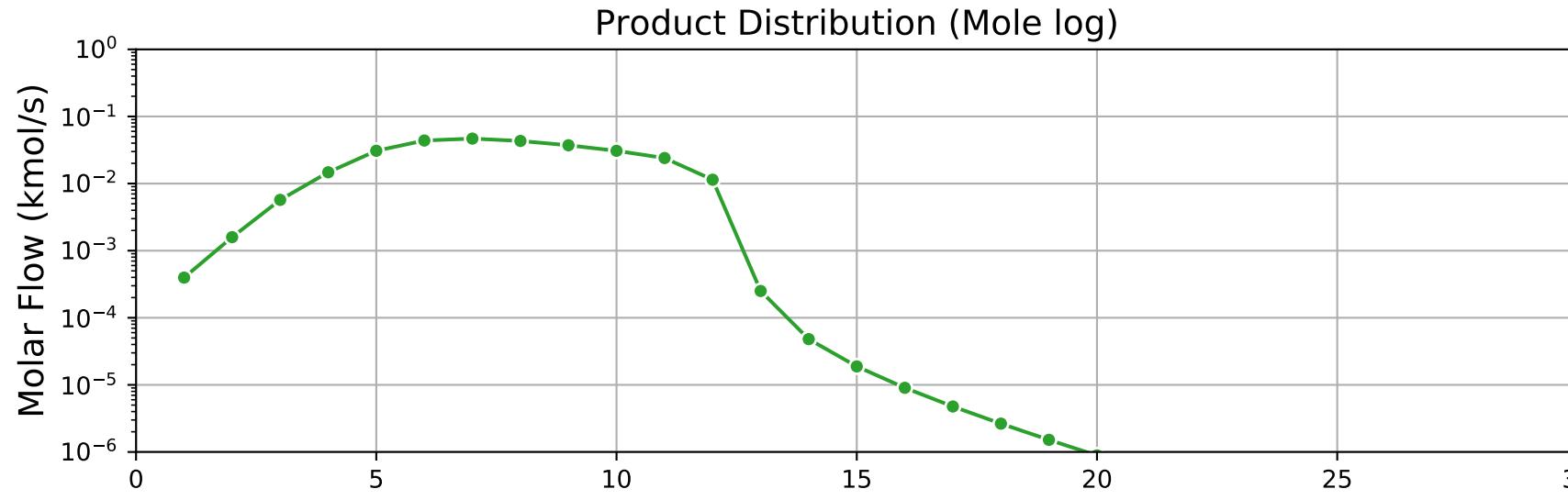
> Reflux PR ratio = 0.14 <



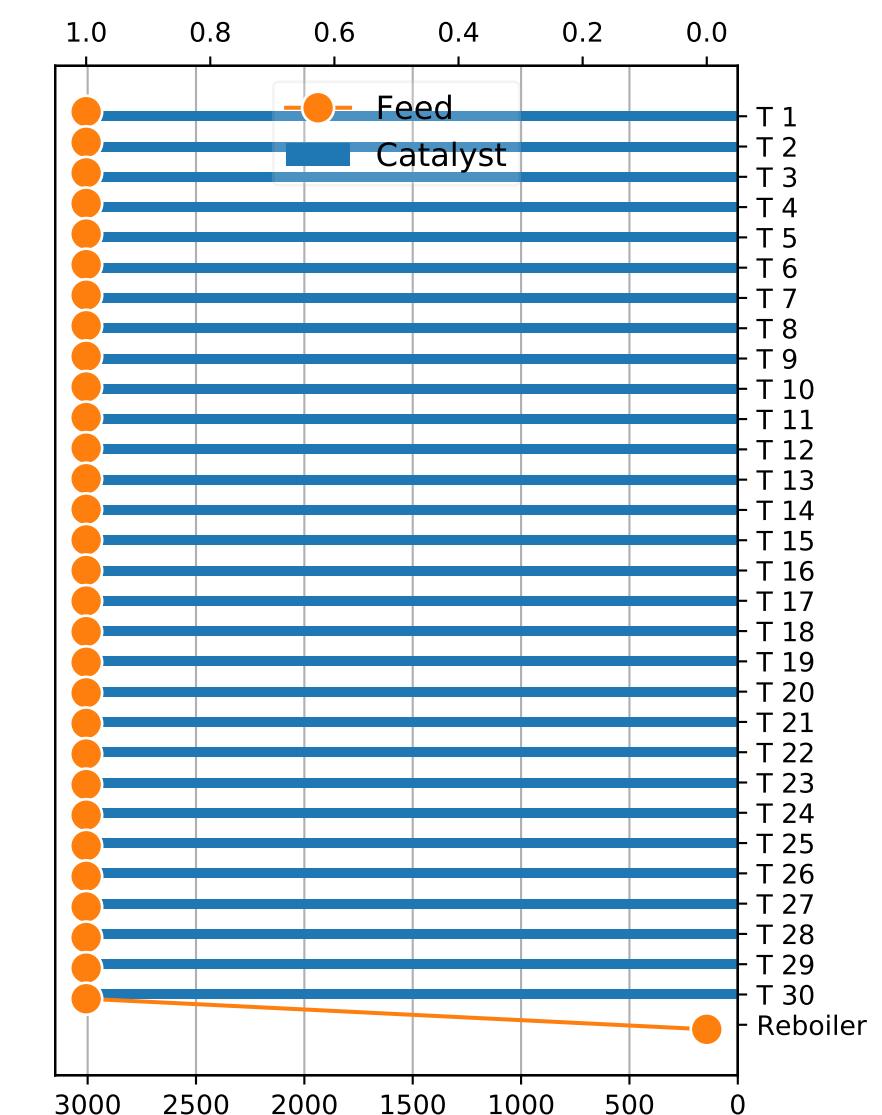
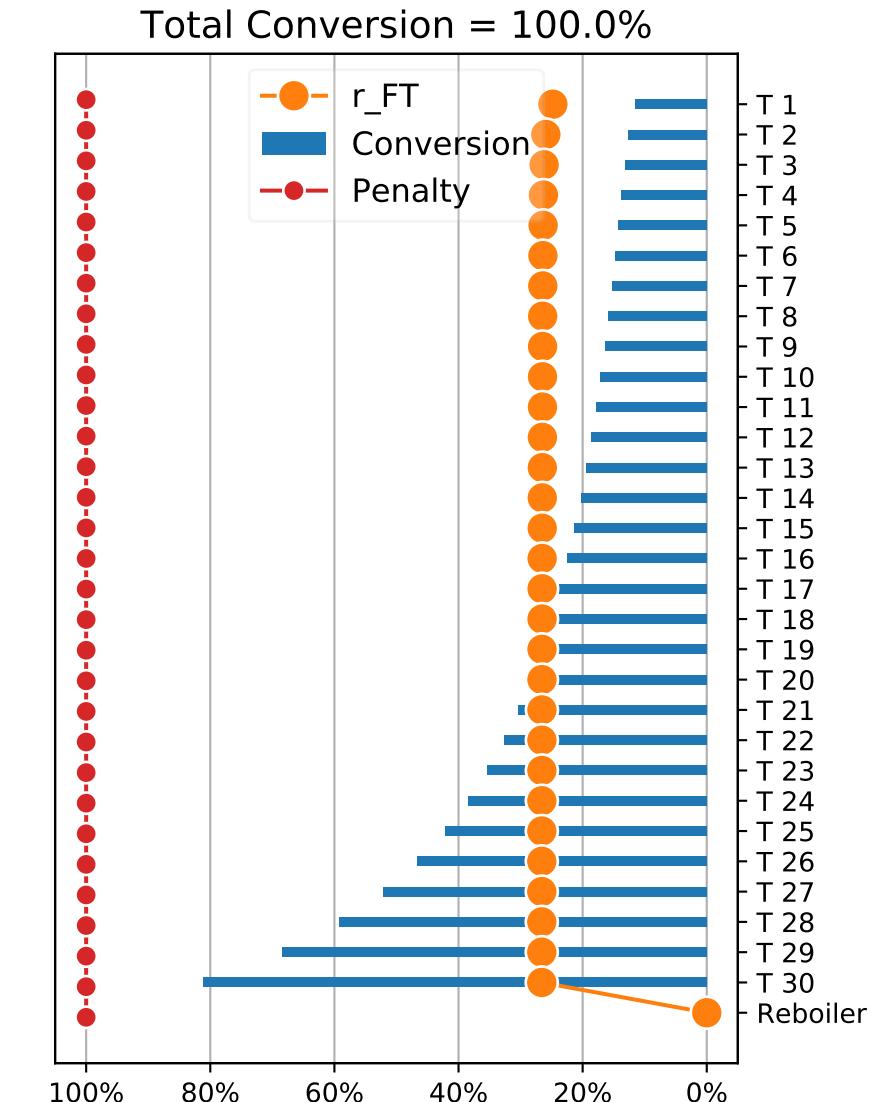
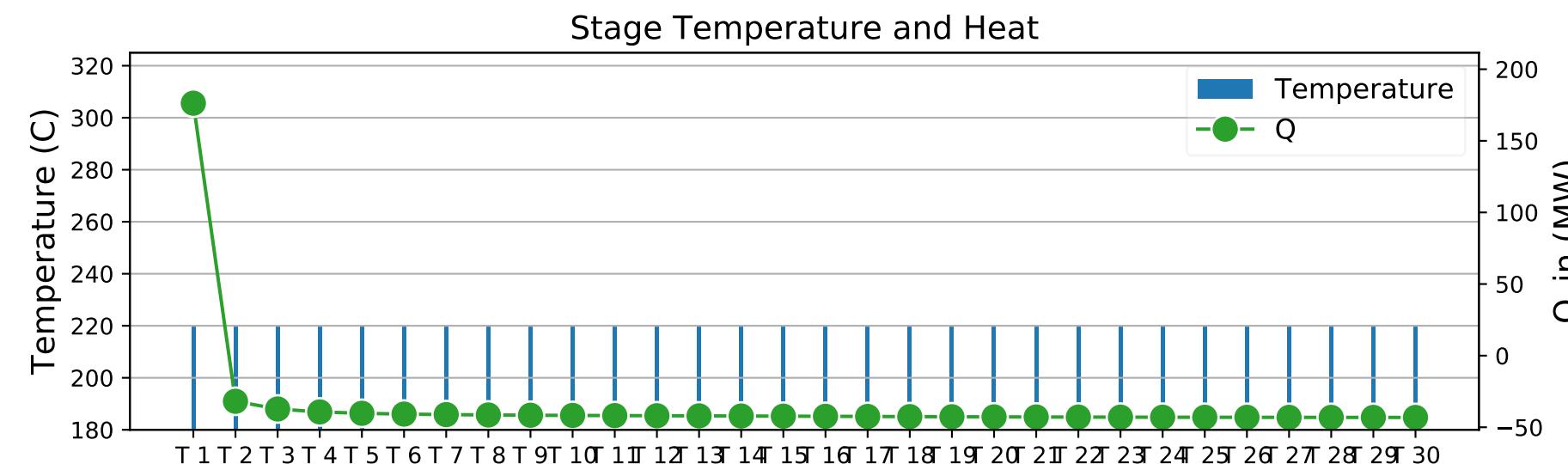
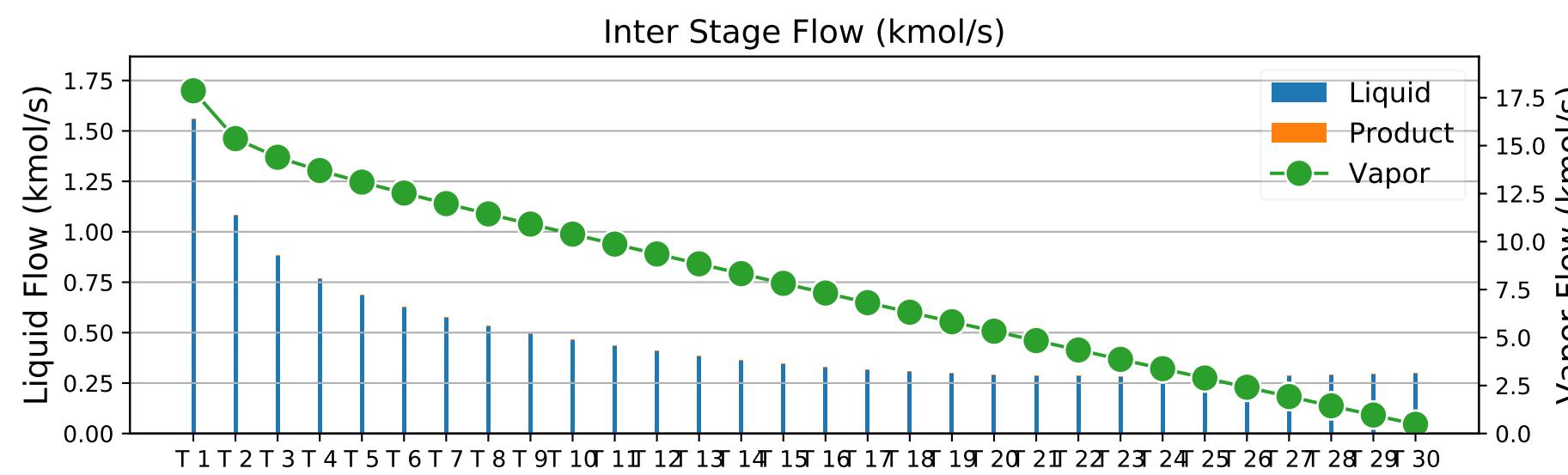
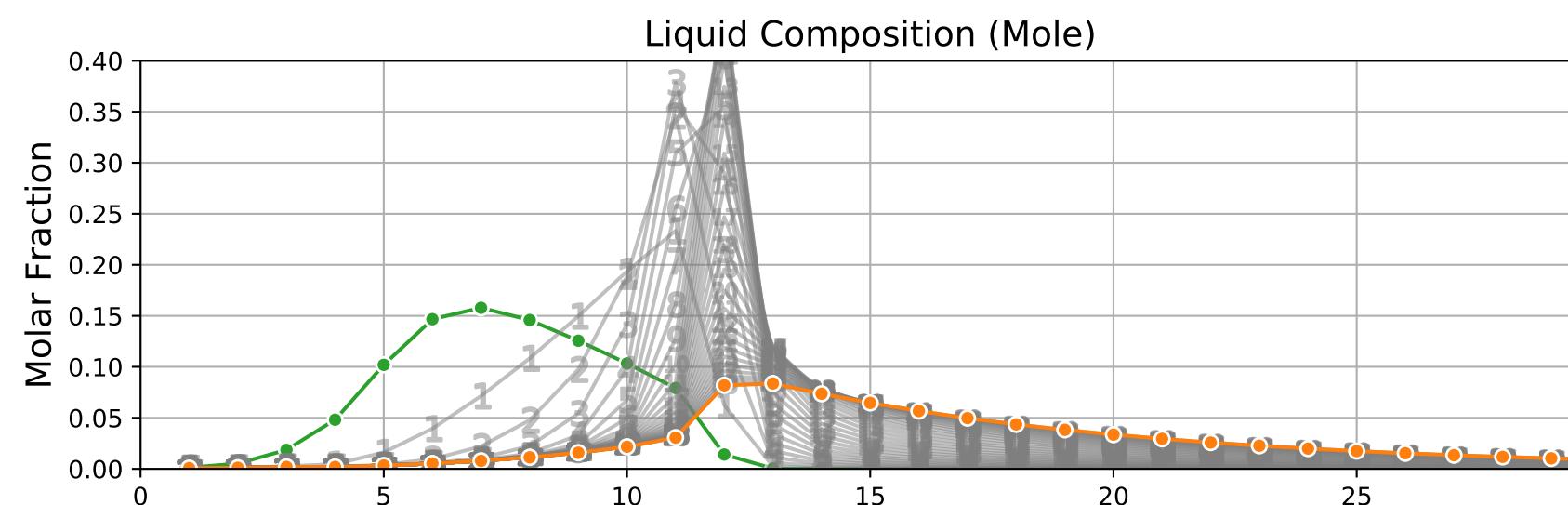
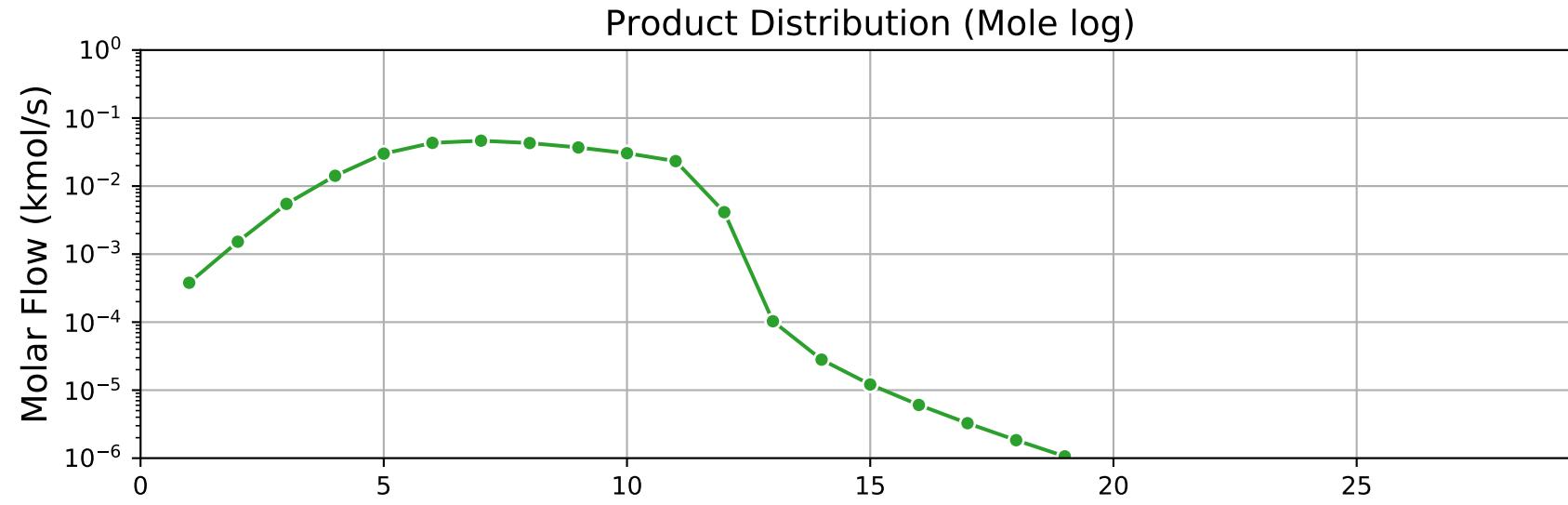
> Reflux PR ratio = 0.11 <



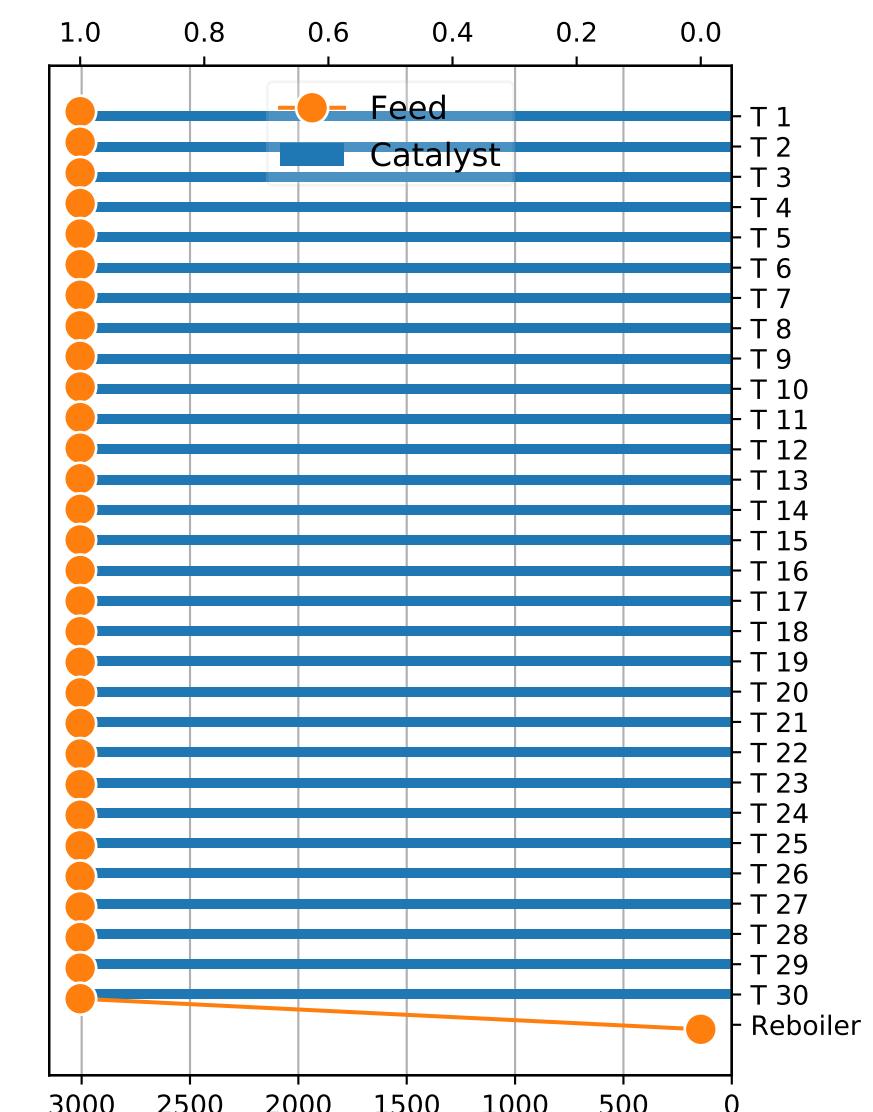
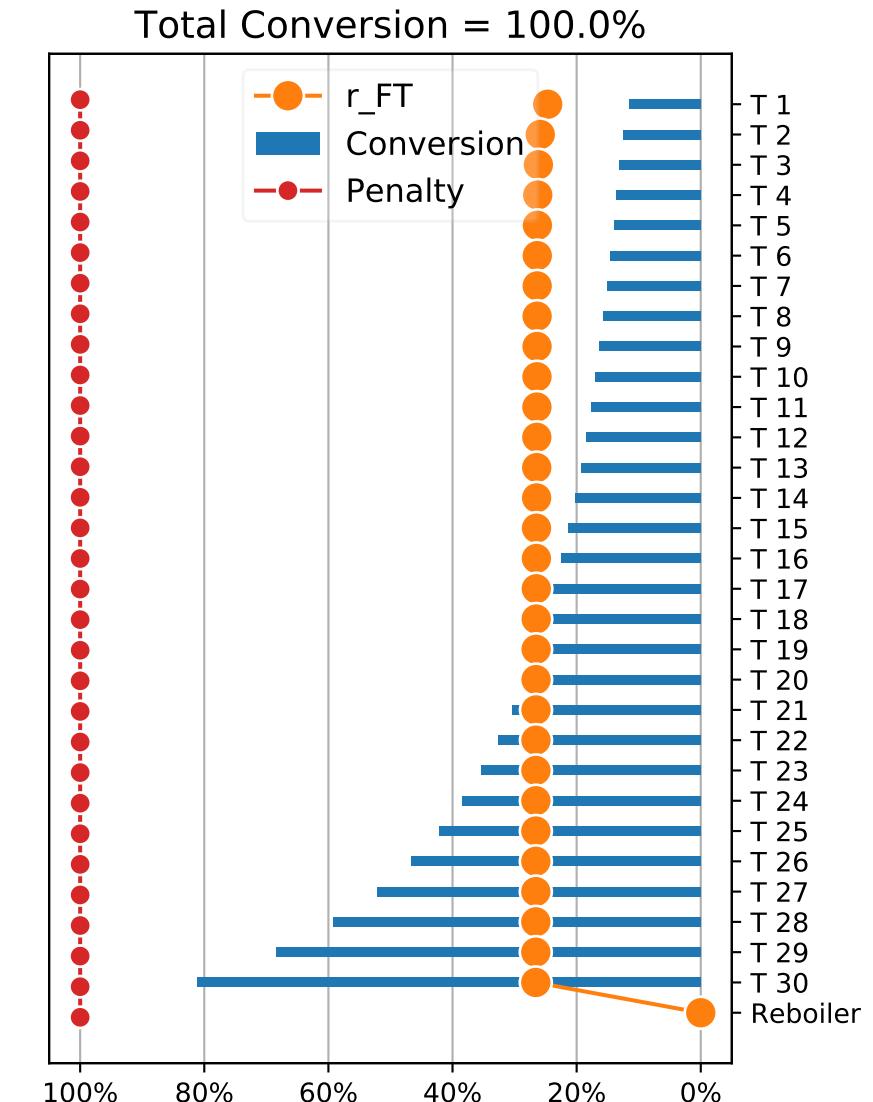
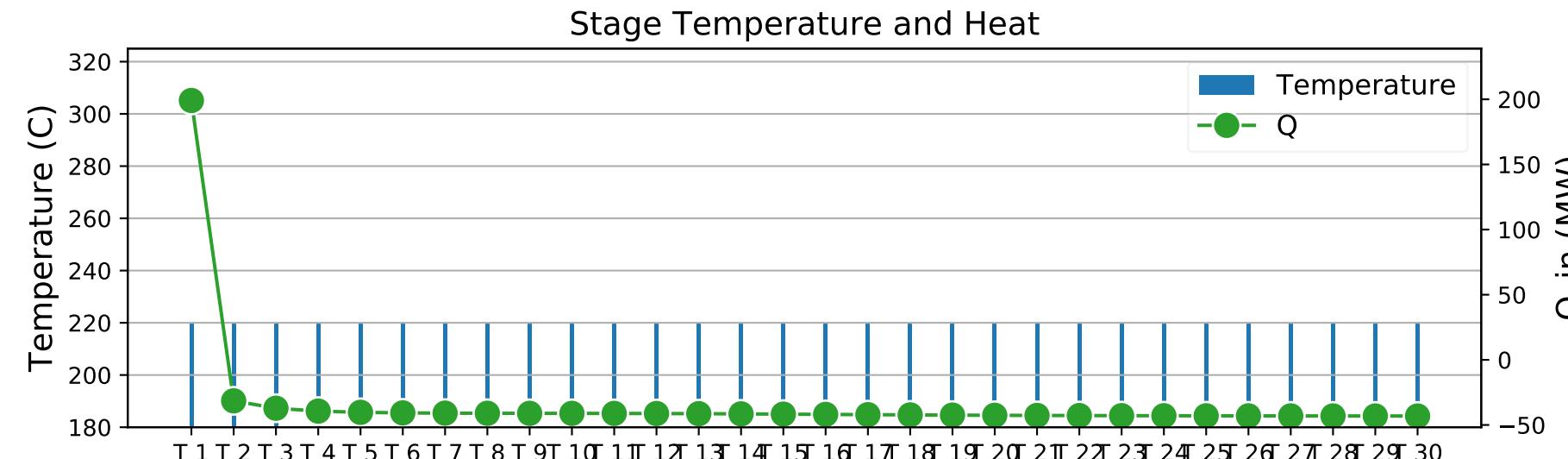
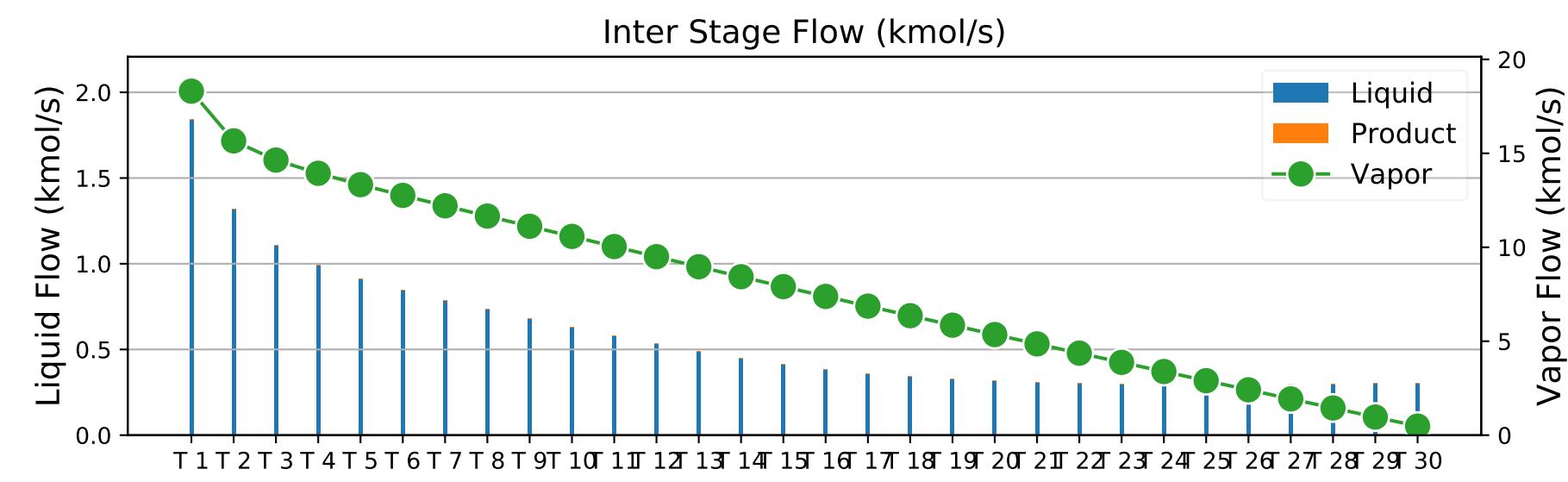
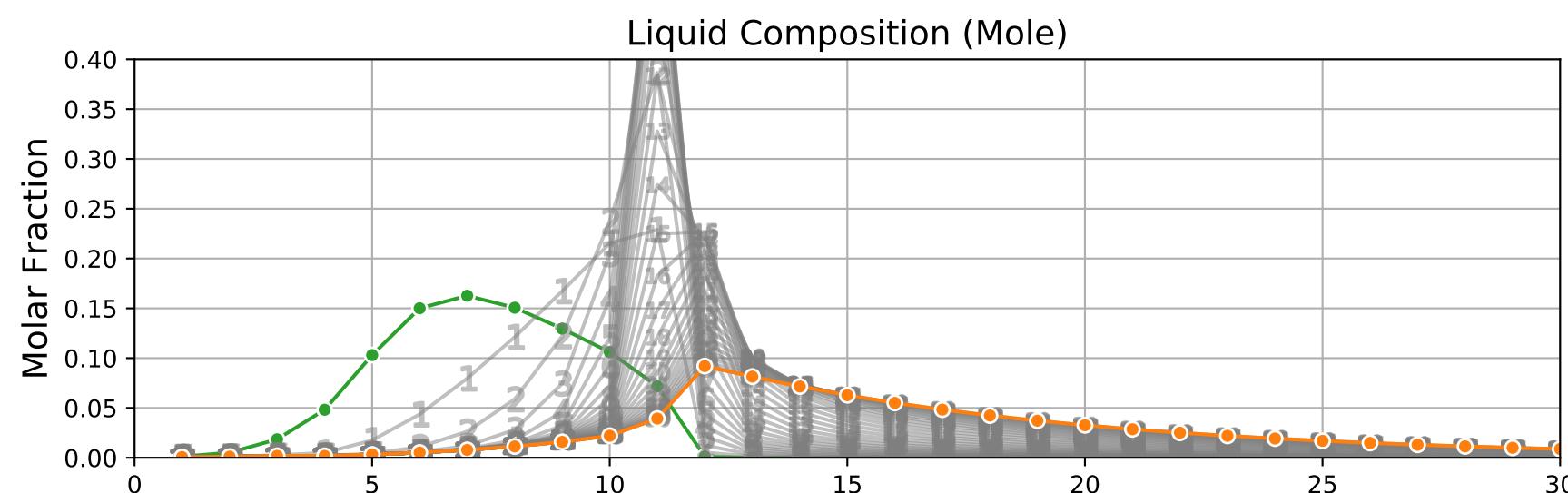
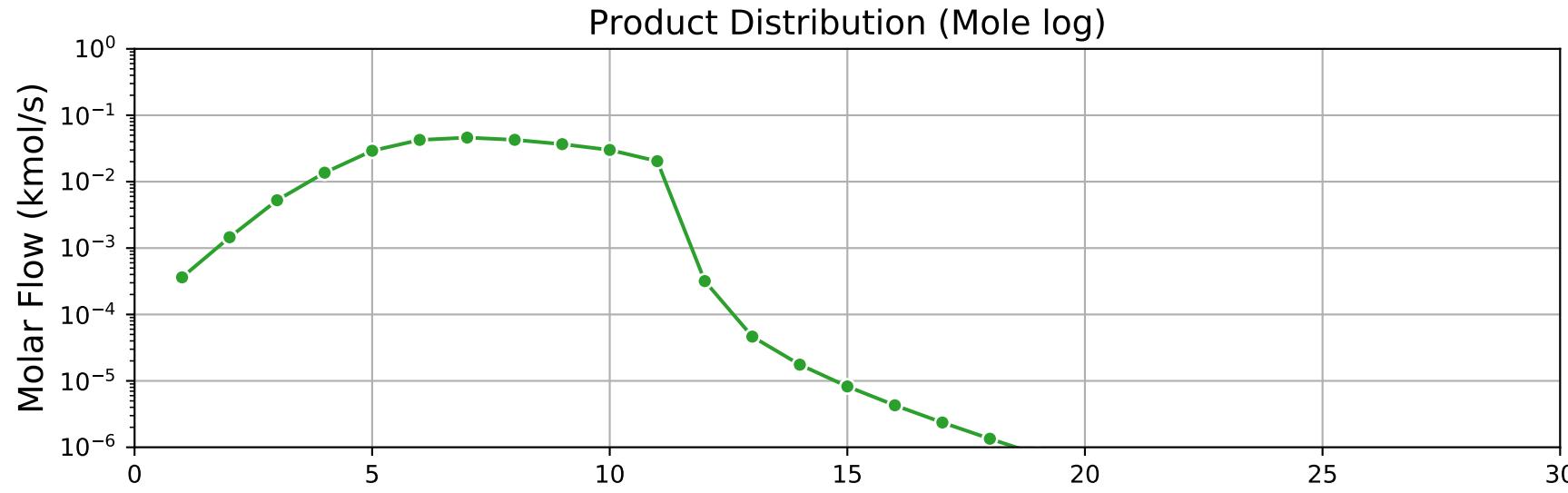
> Reflux PR ratio = 0.09 <



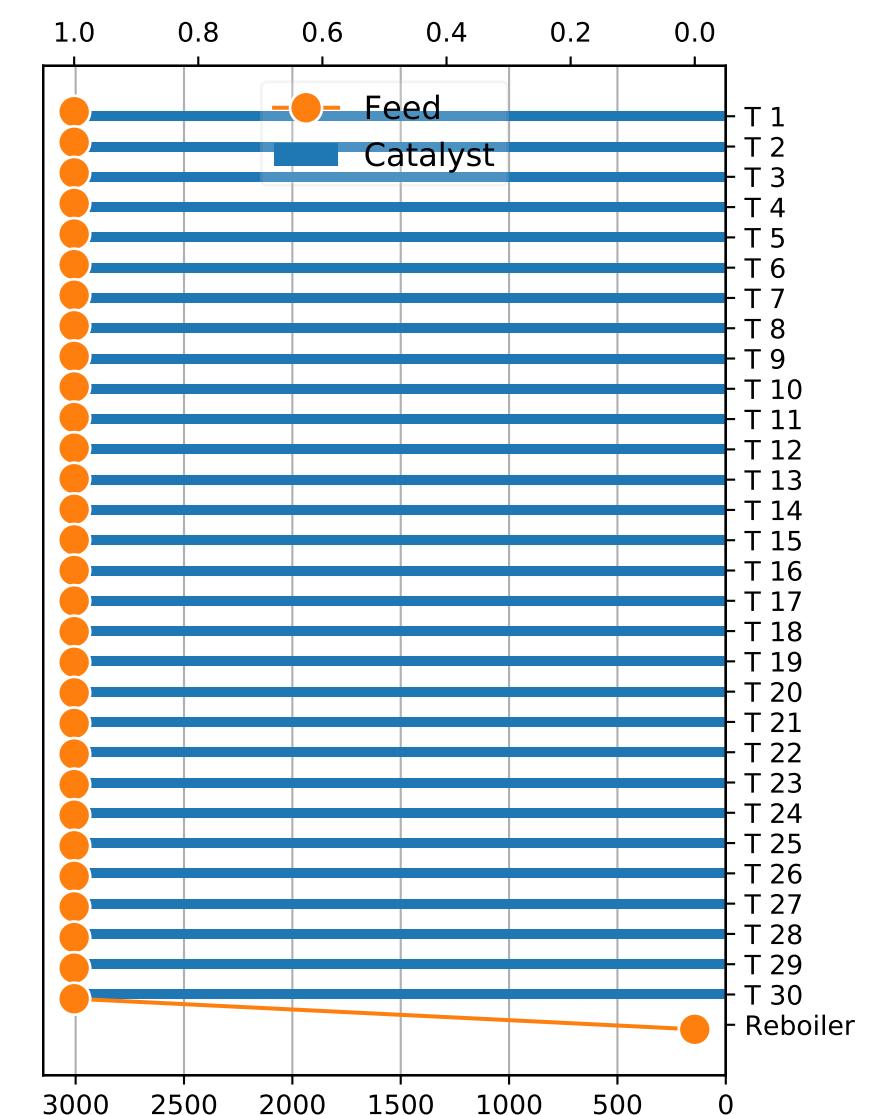
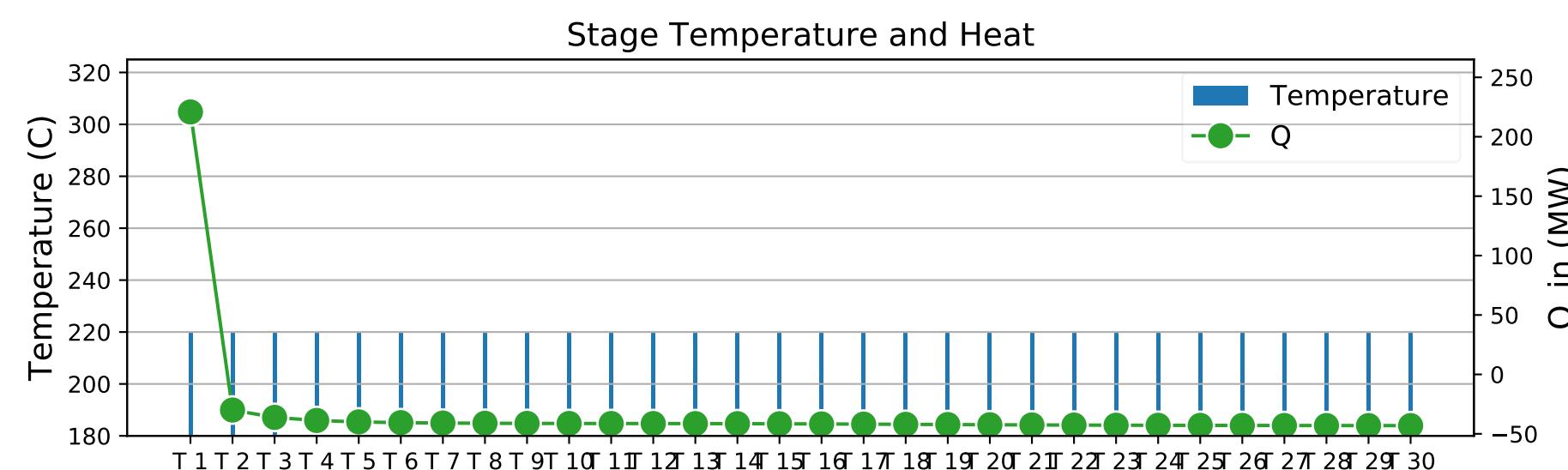
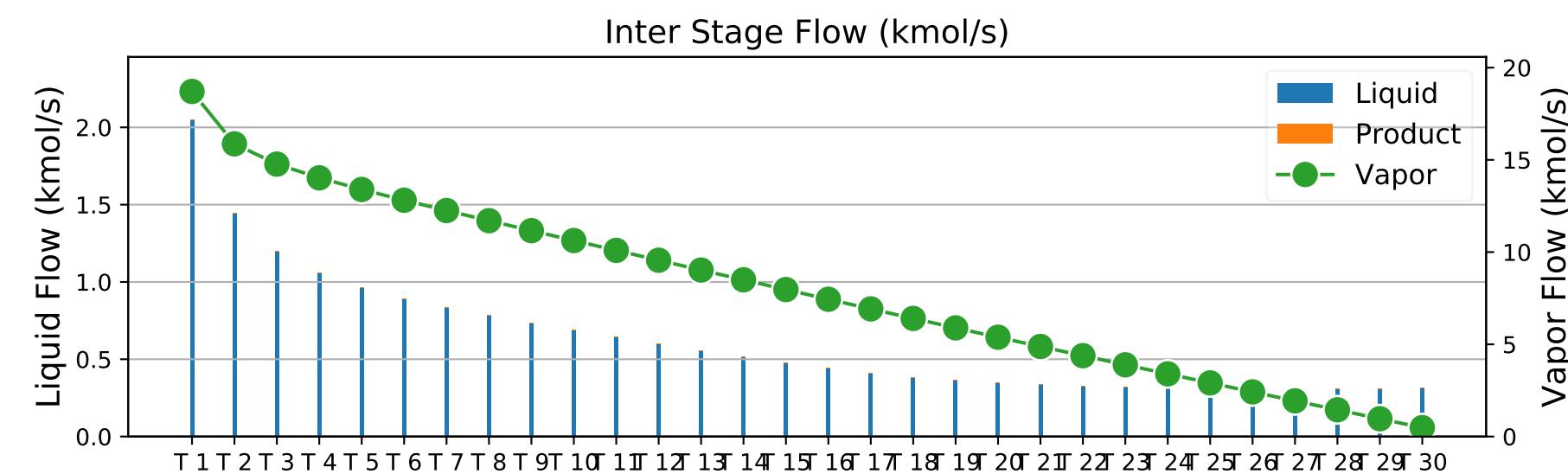
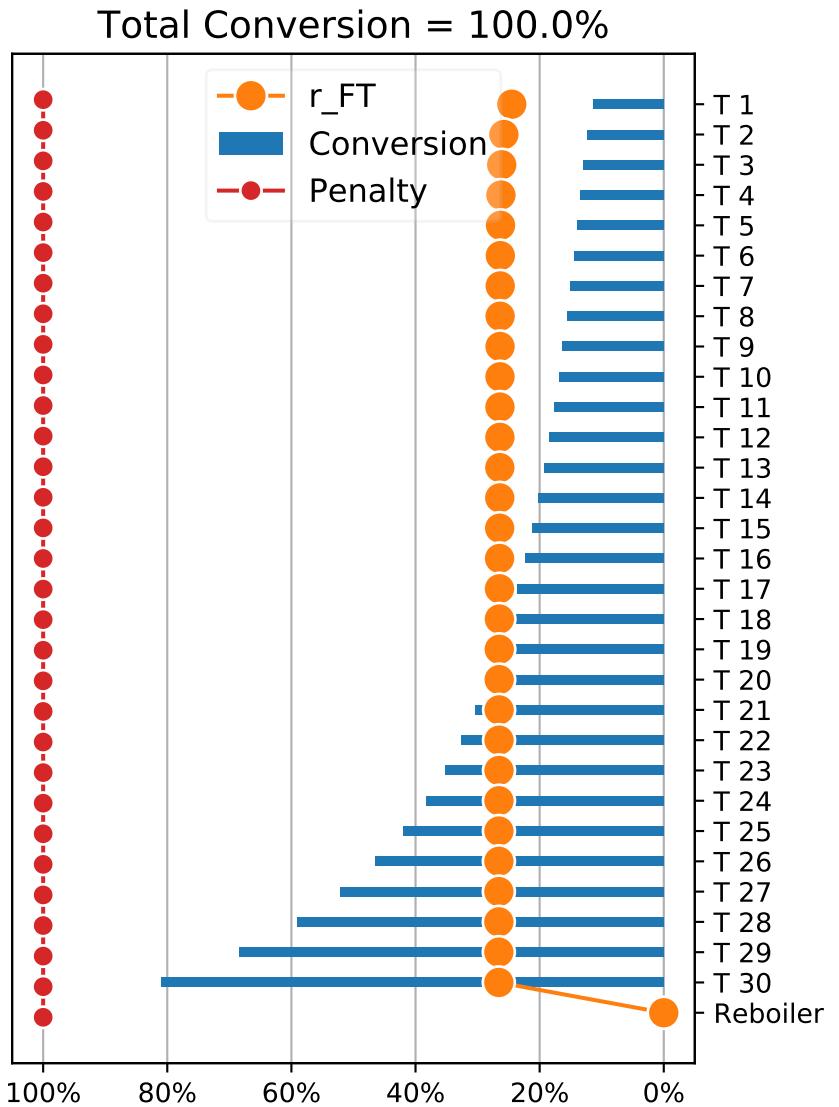
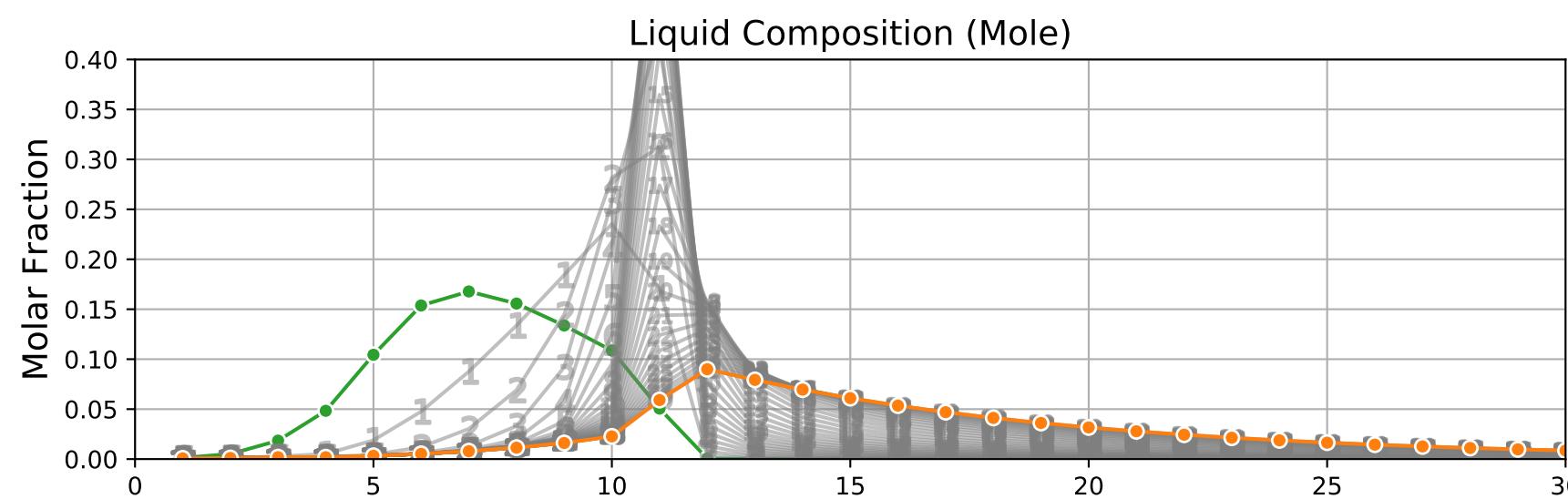
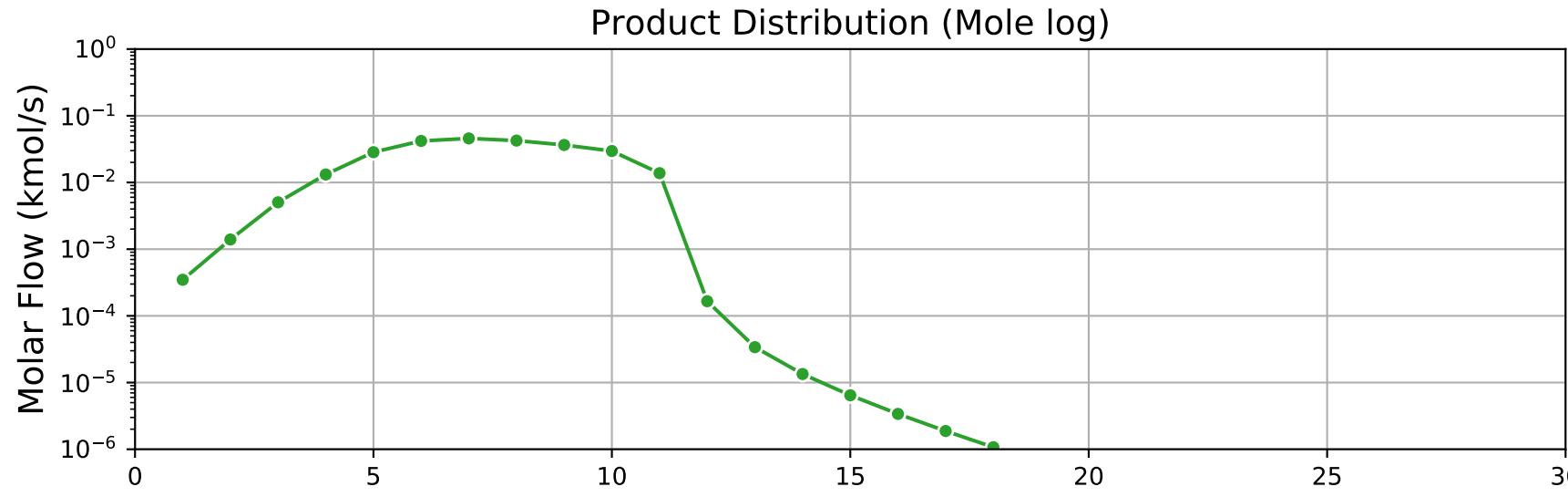
> Reflux PR ratio = 0.08 <



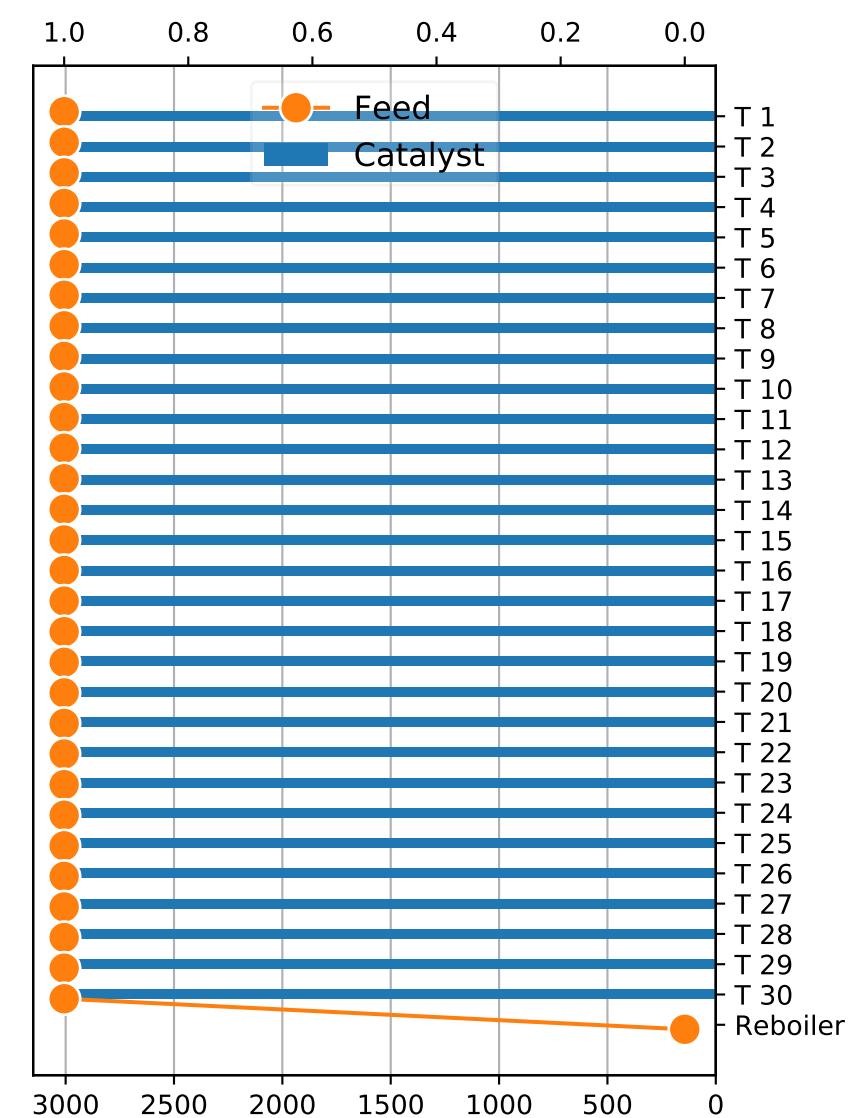
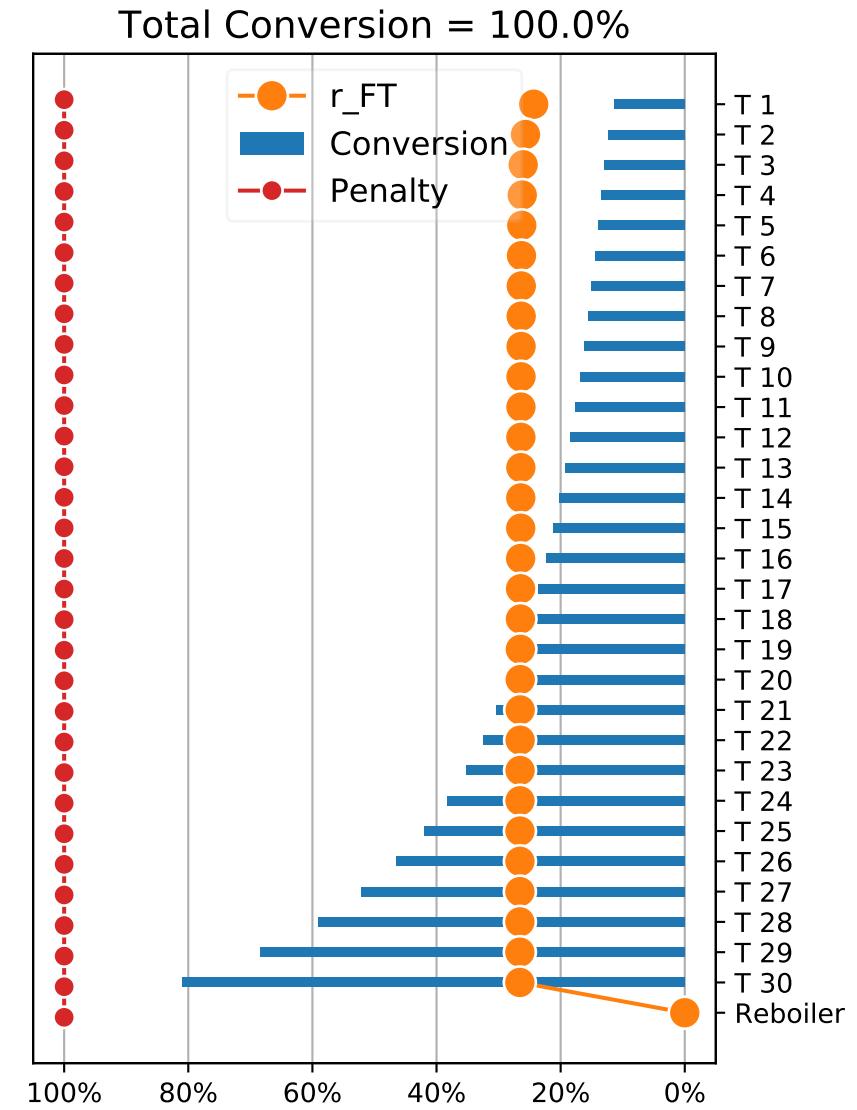
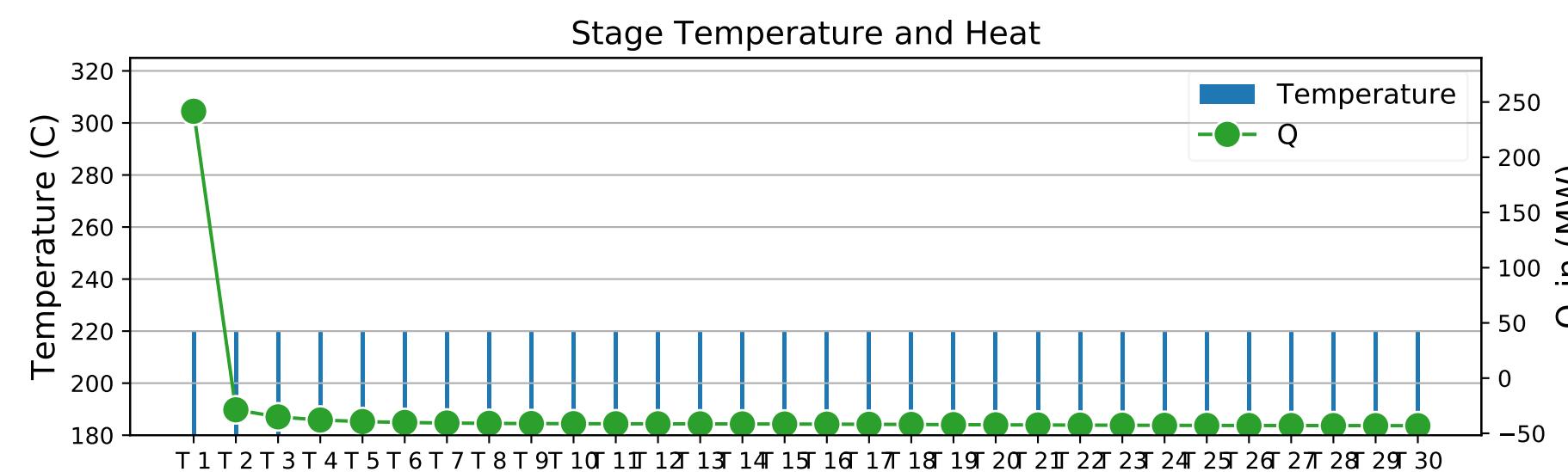
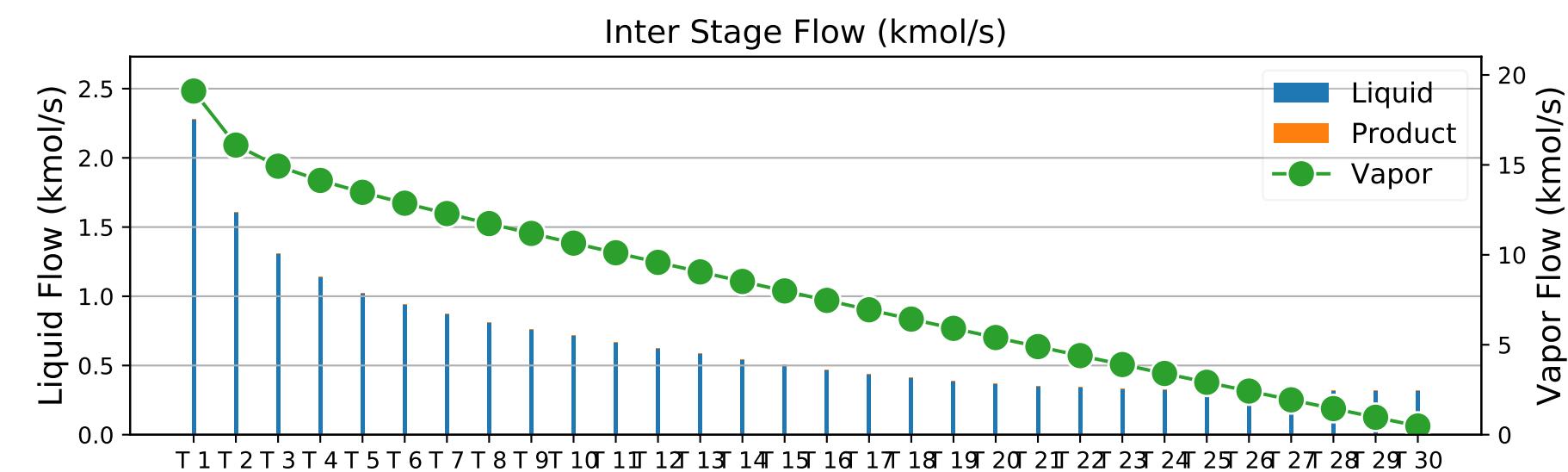
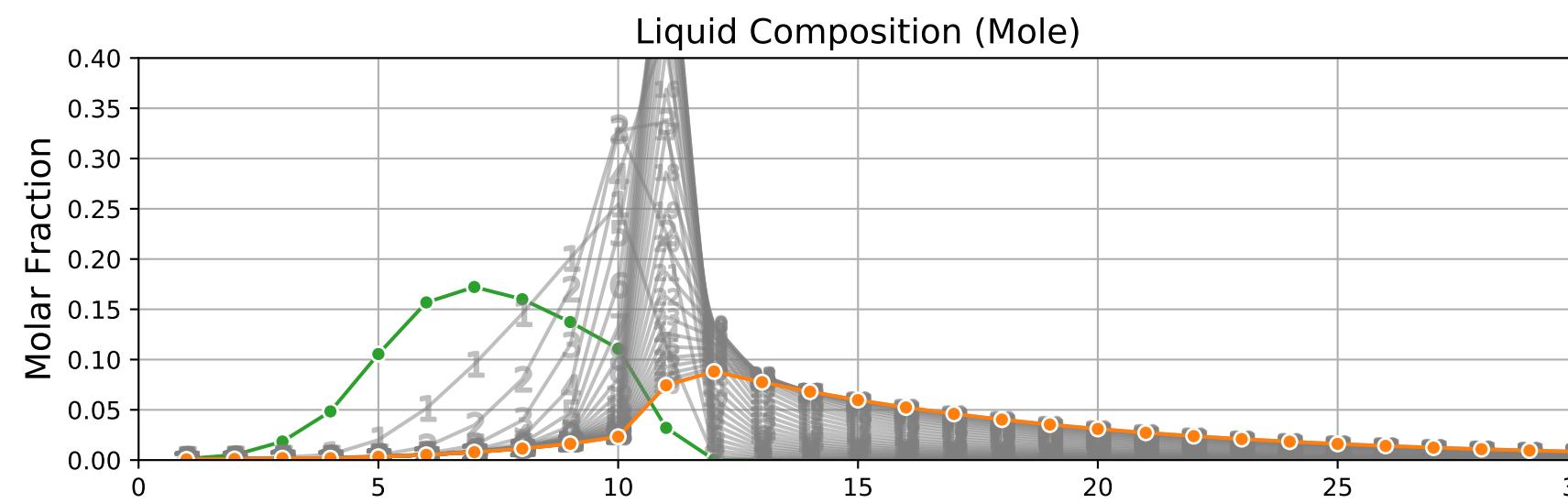
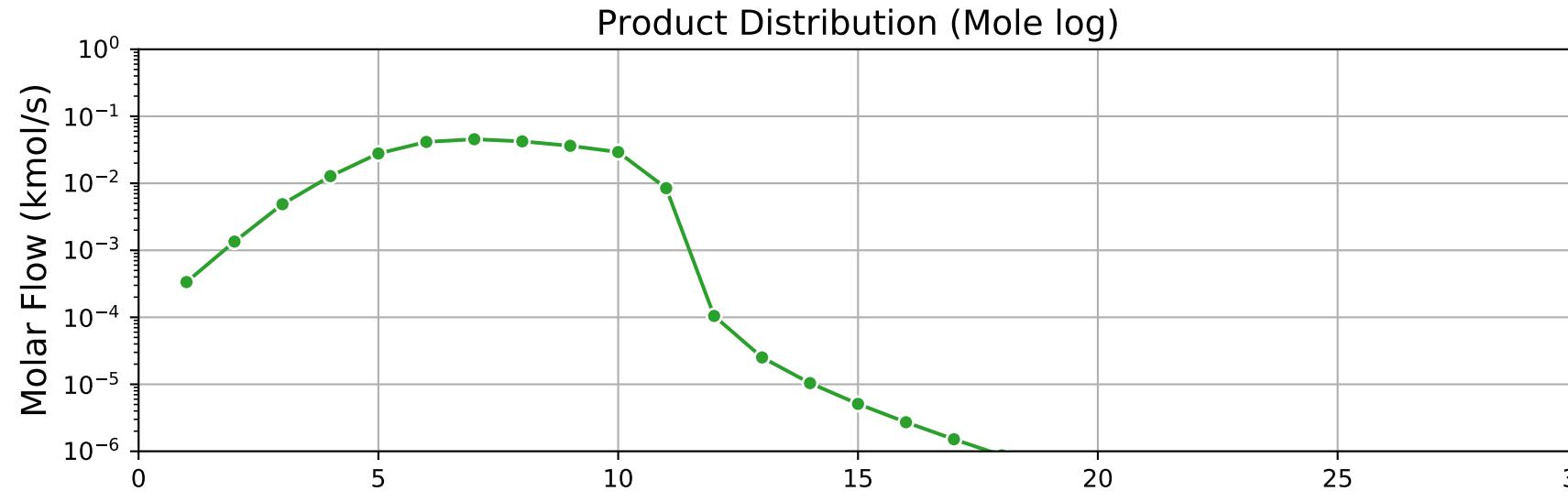
> Reflux PR ratio = 0.07 <



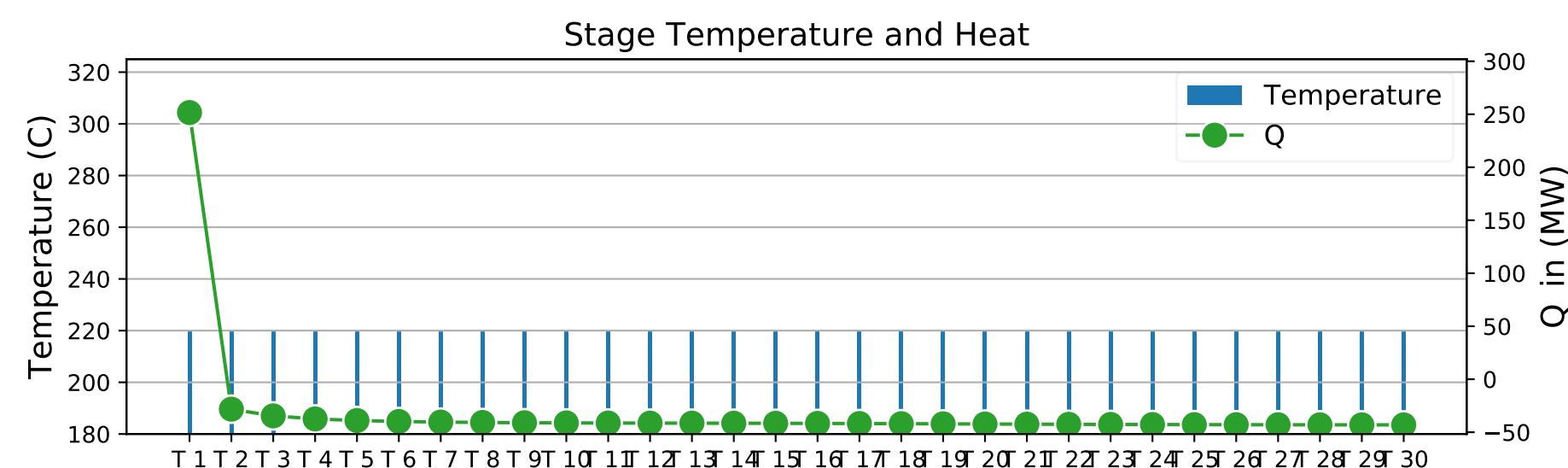
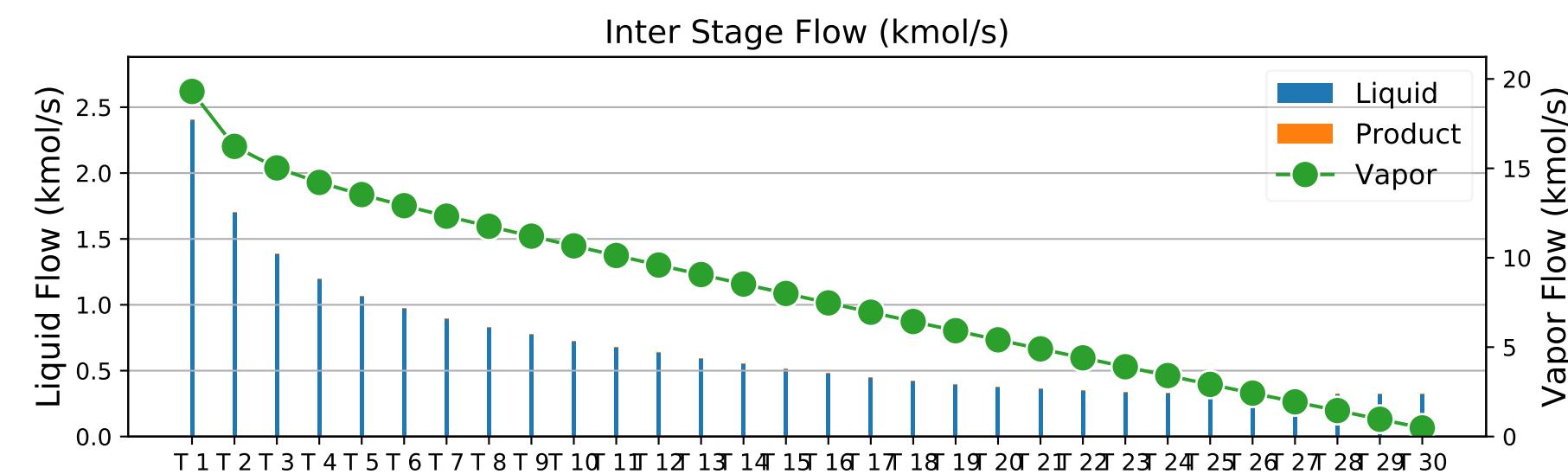
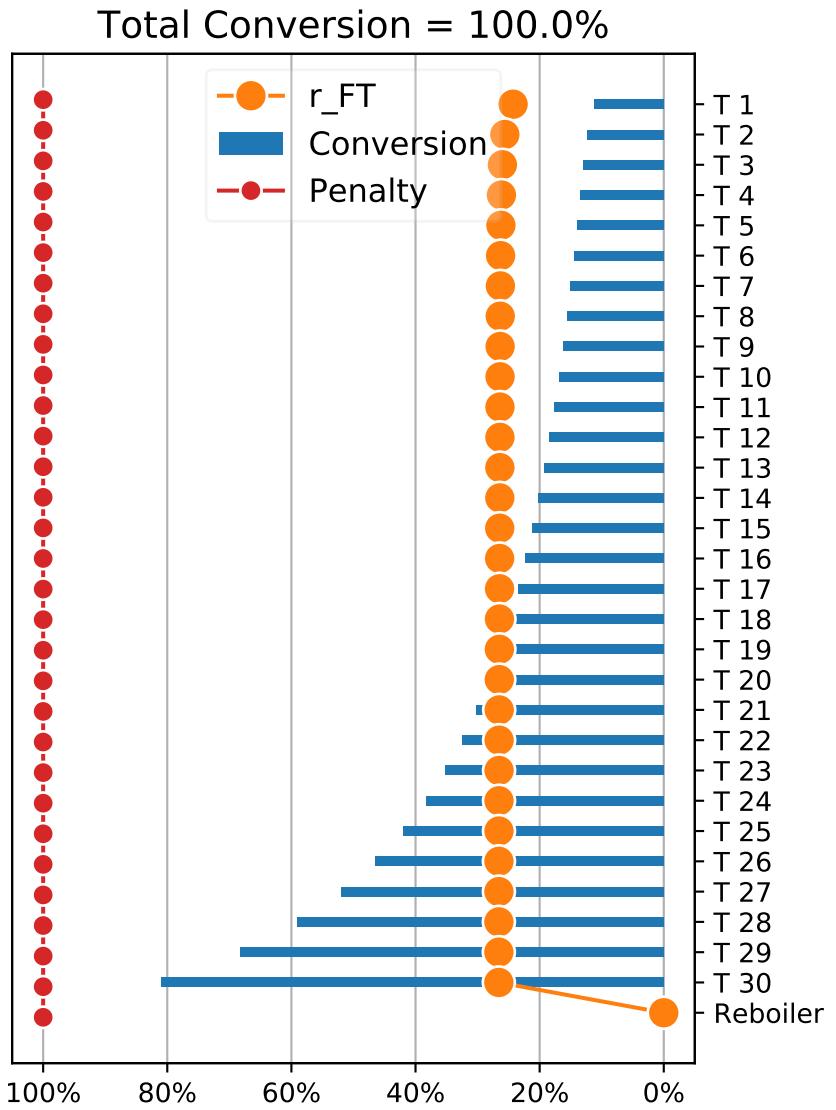
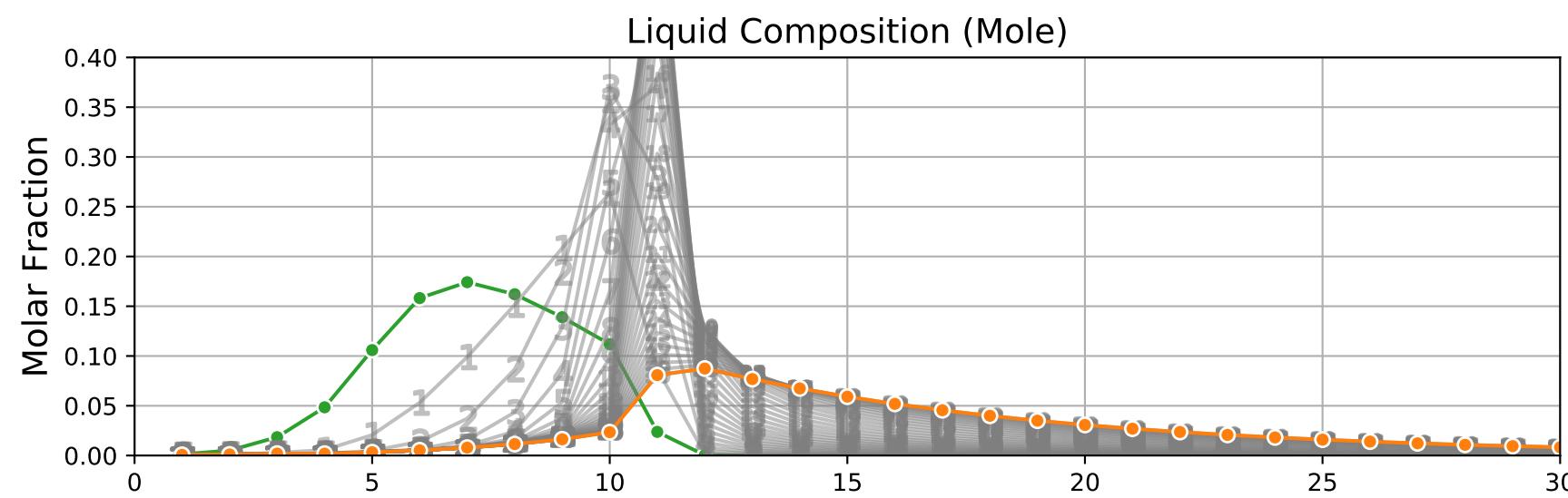
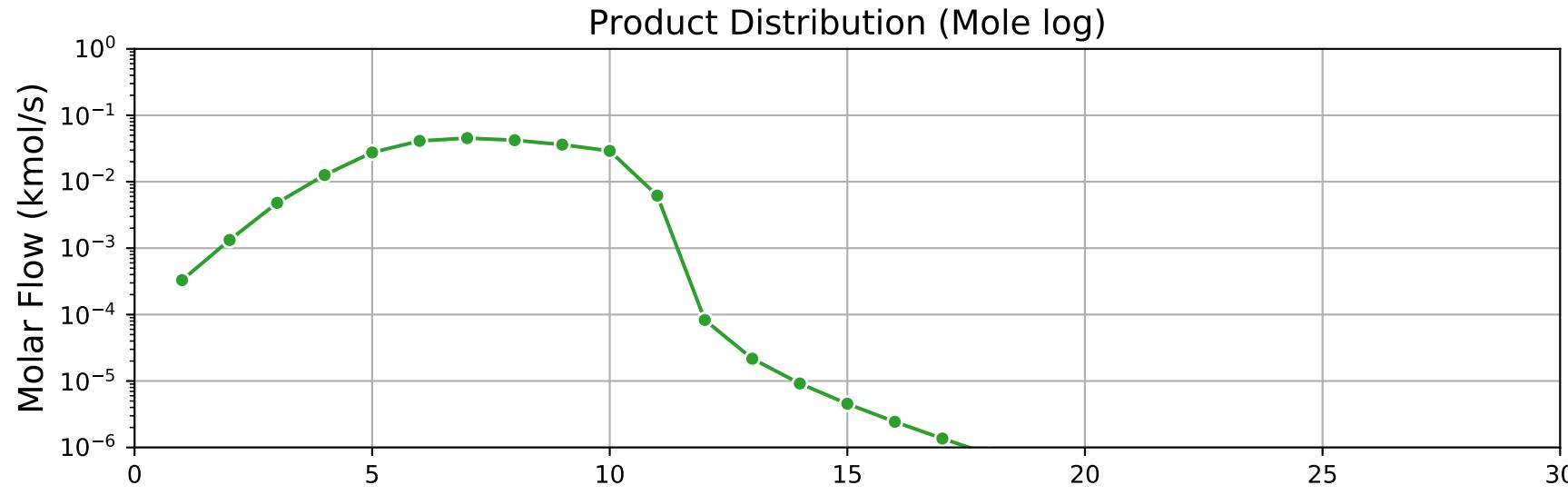
> Reflux PR ratio = 0.06 <



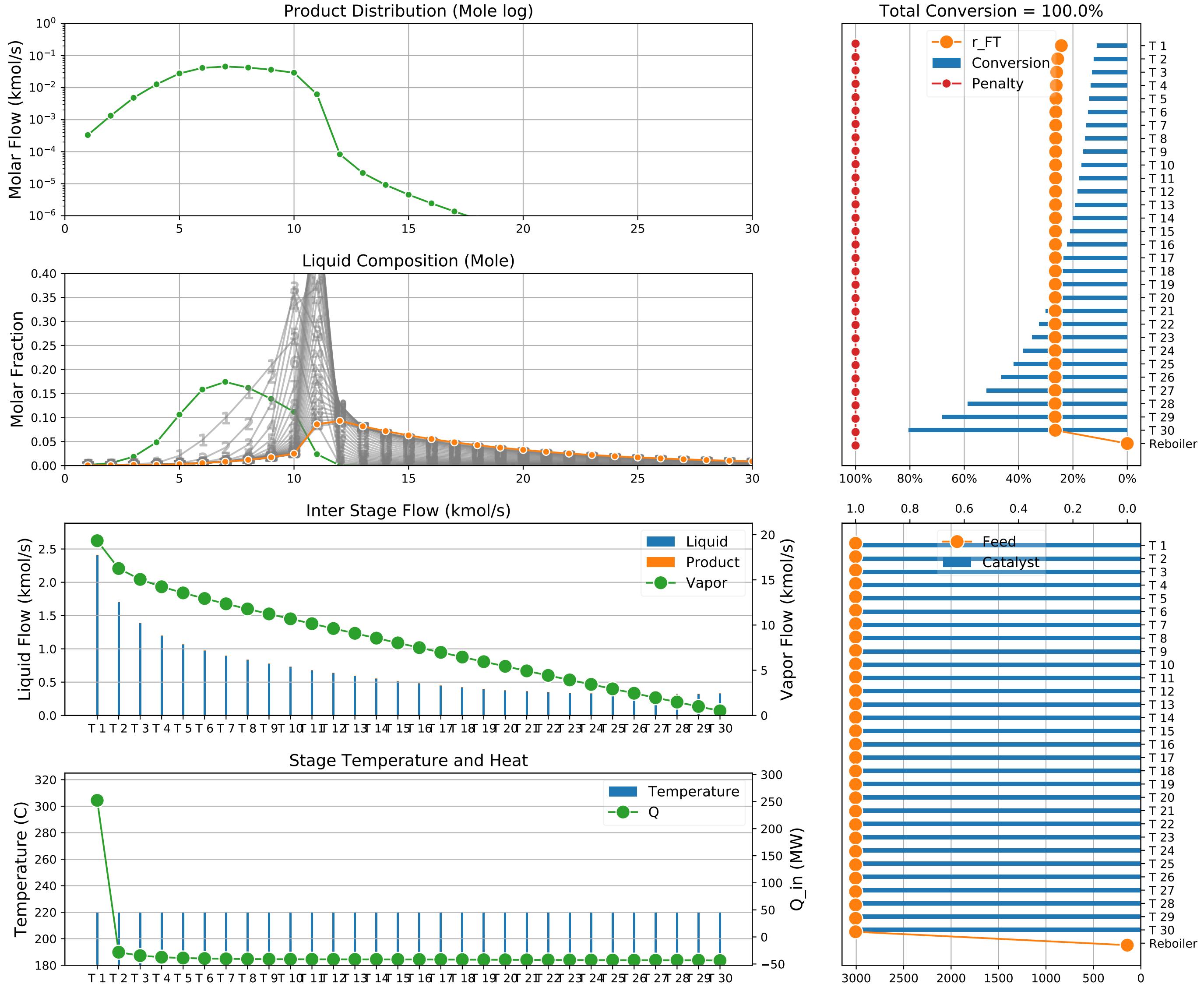
> Reflux PR ratio = 0.05 <



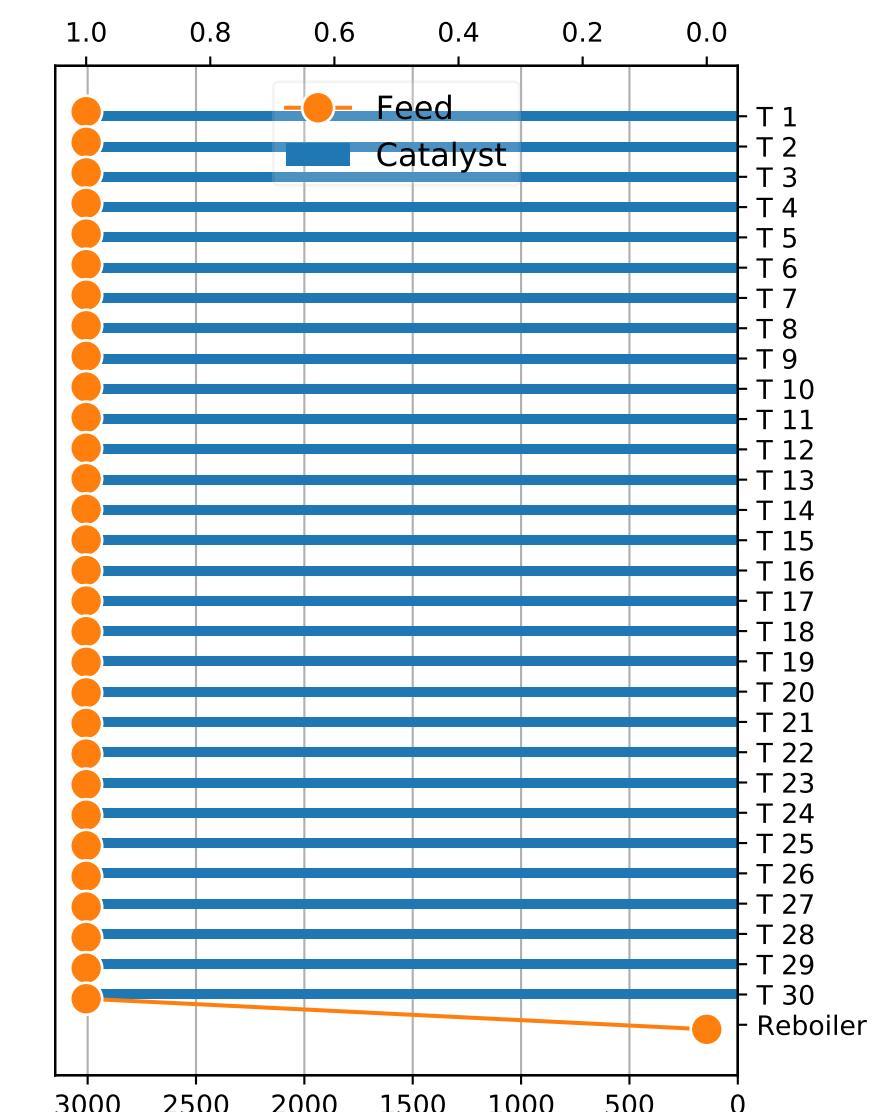
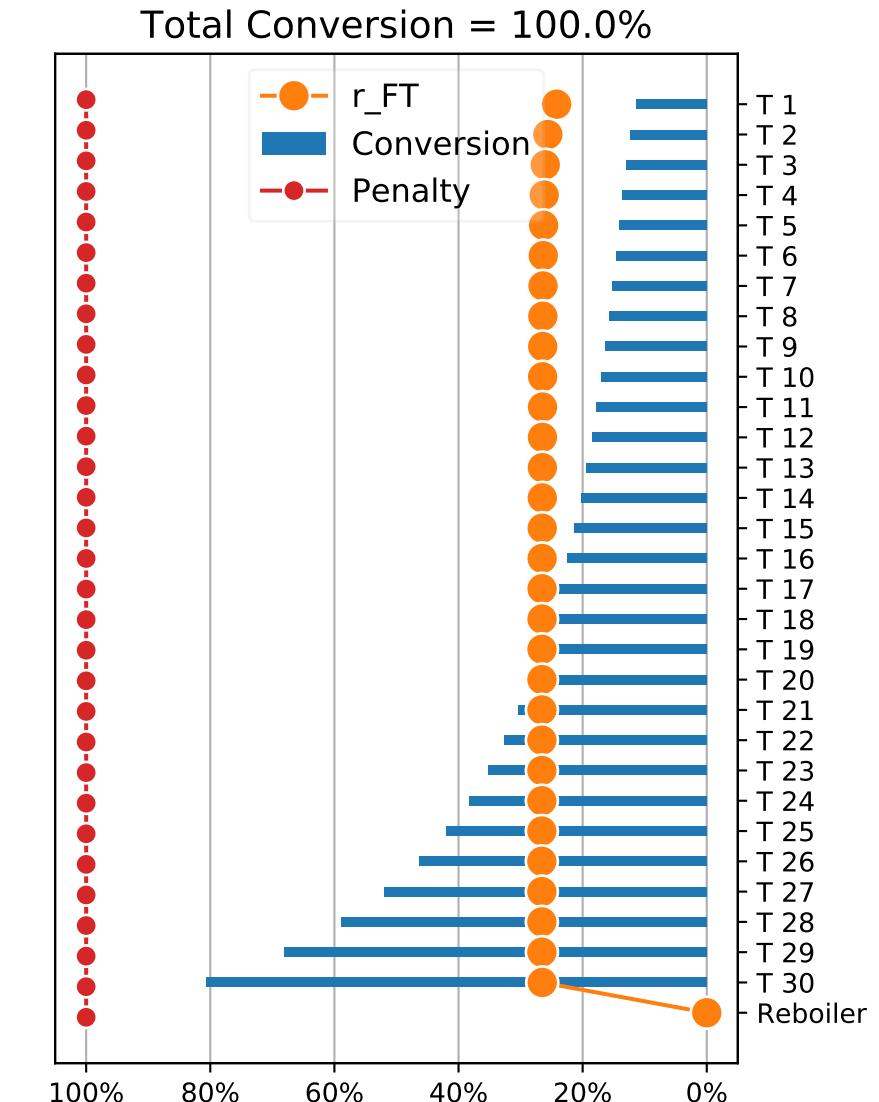
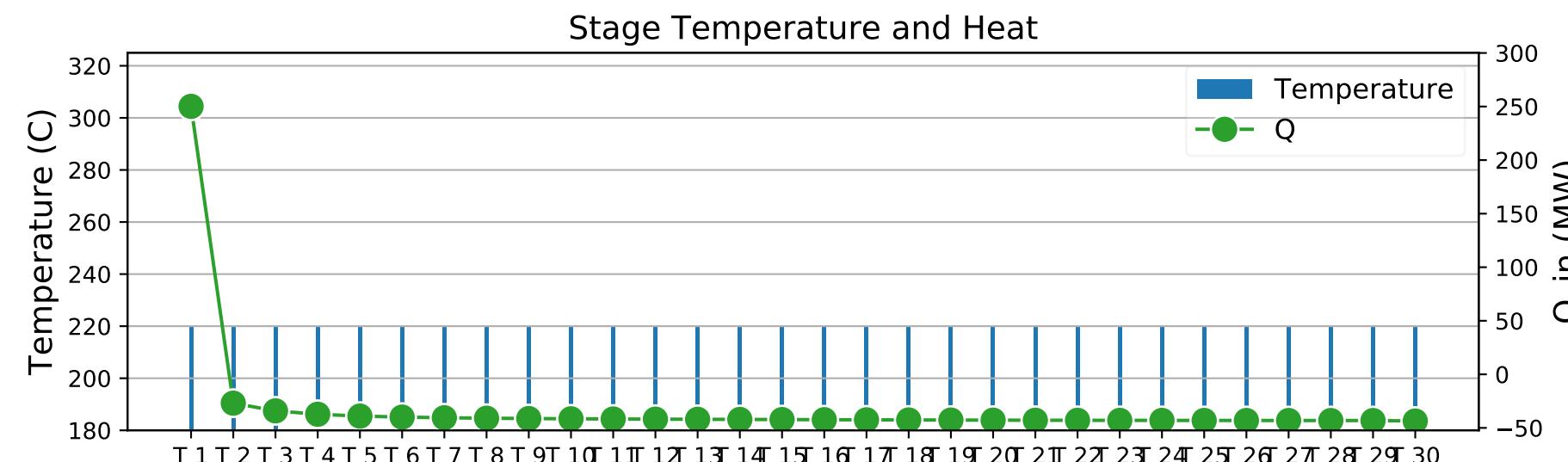
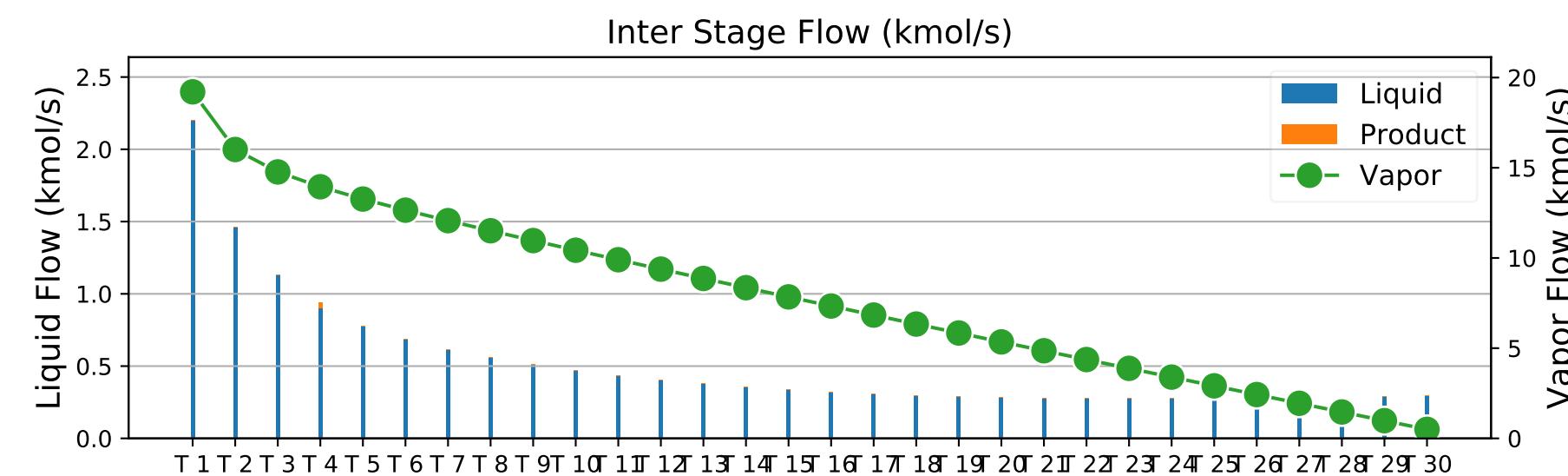
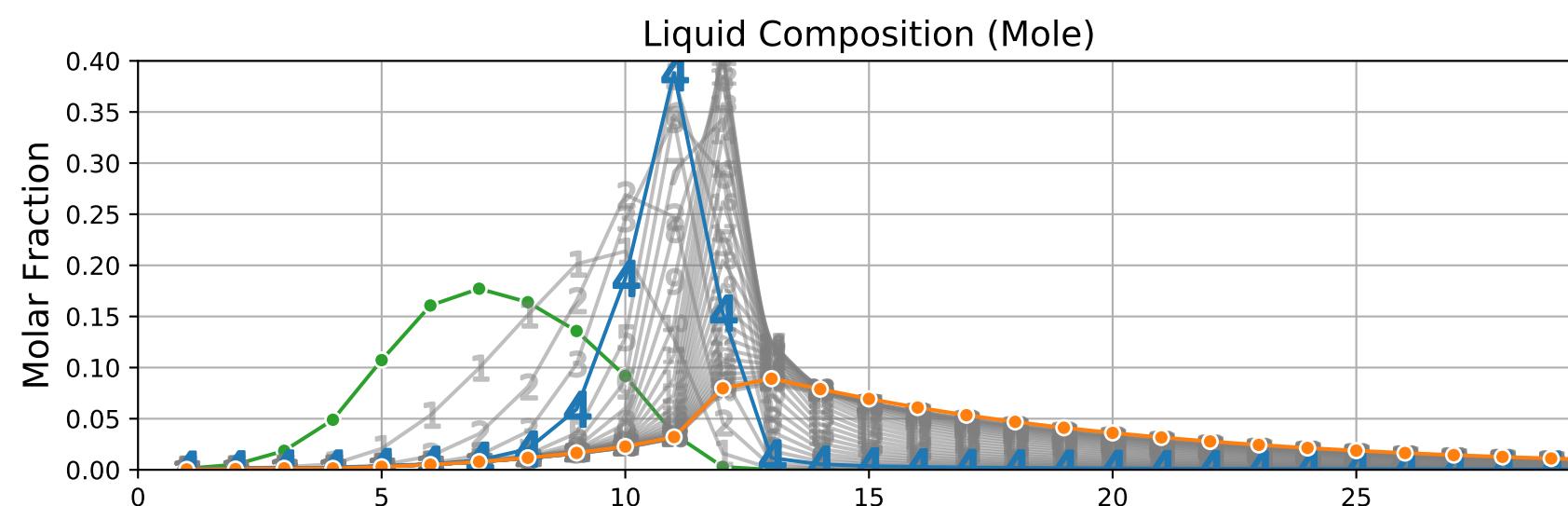
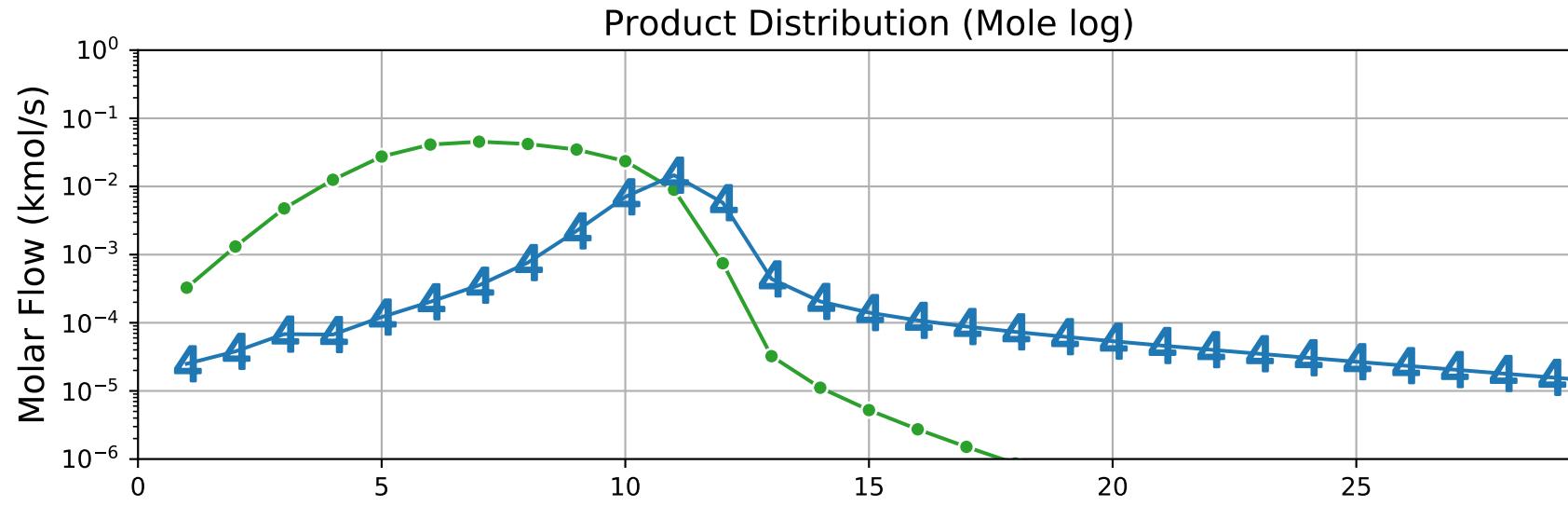
> Reflux PR ratio = 0.05 <



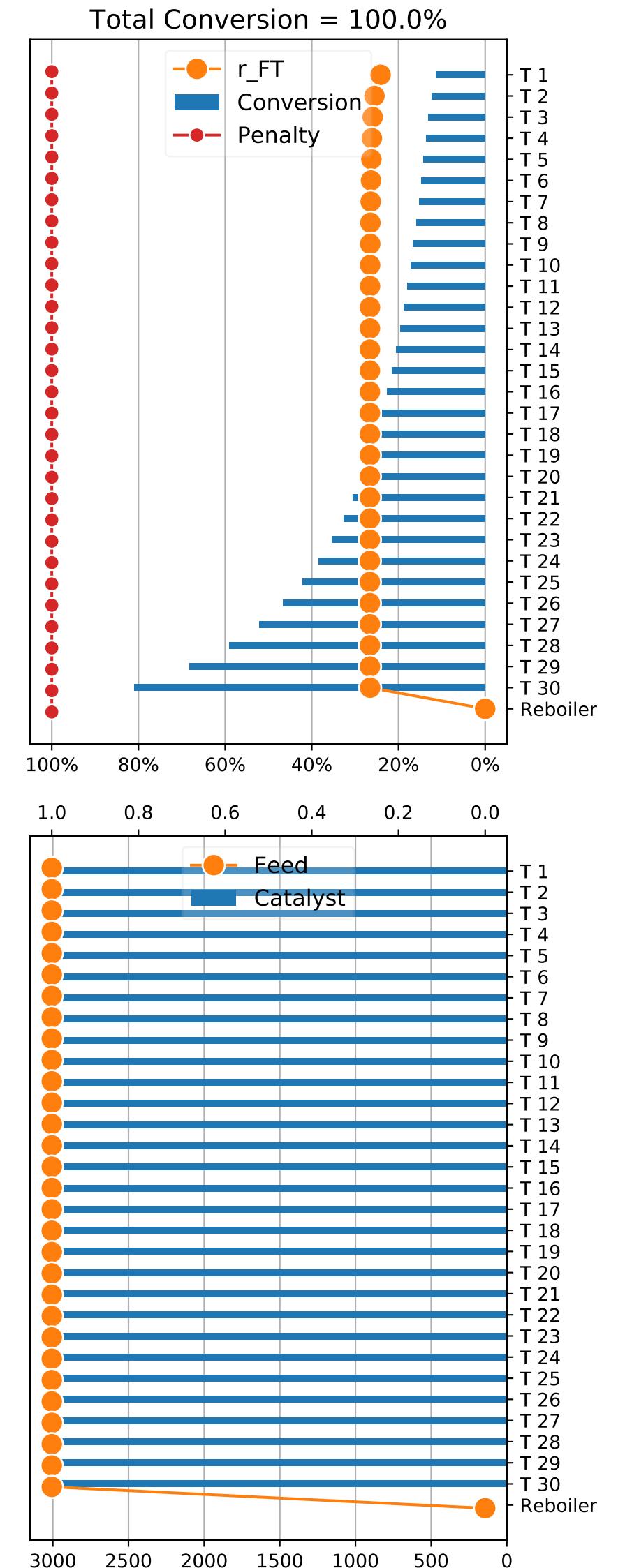
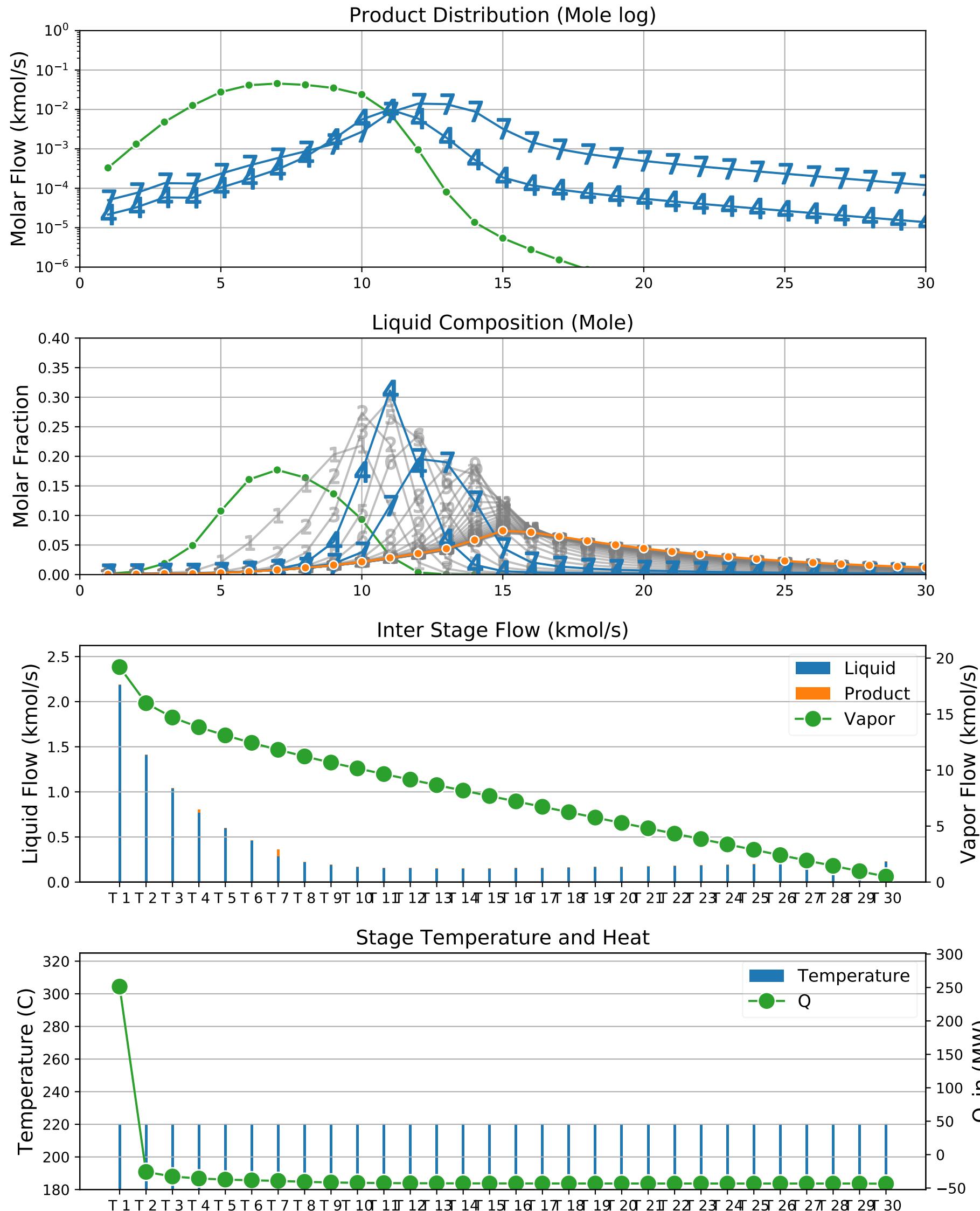
# > Reboiler <



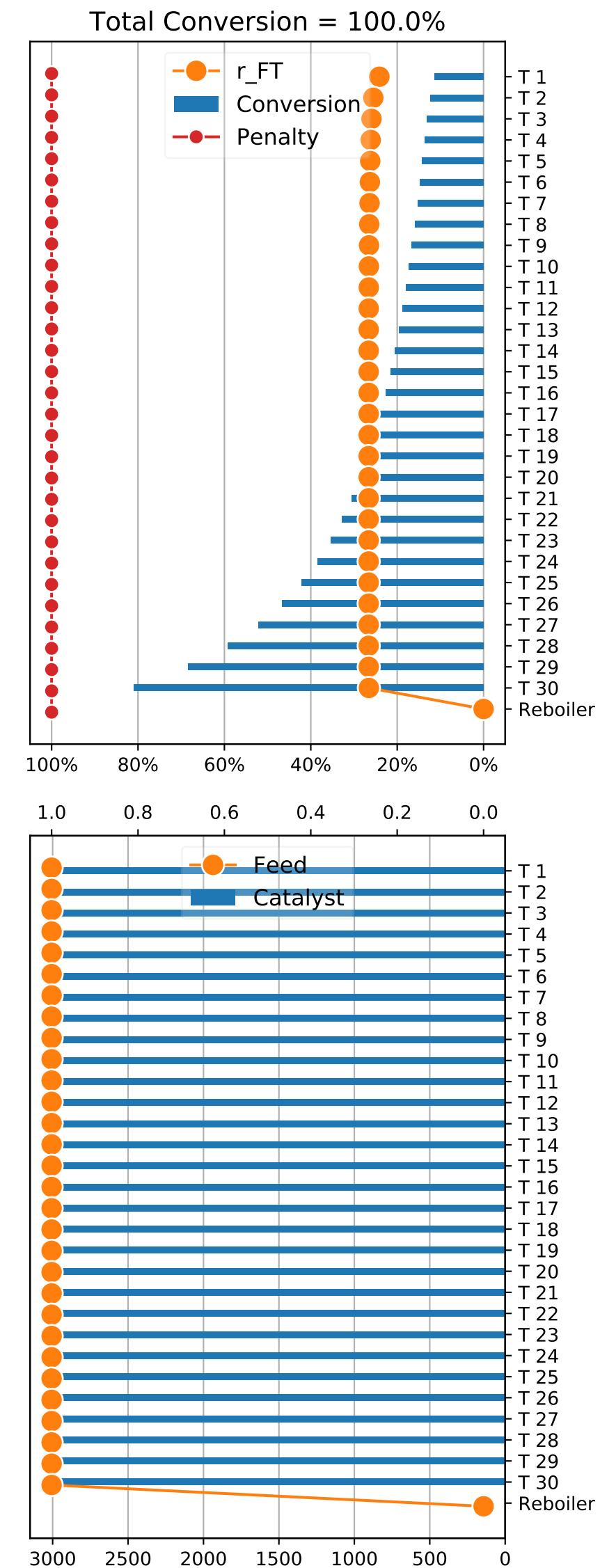
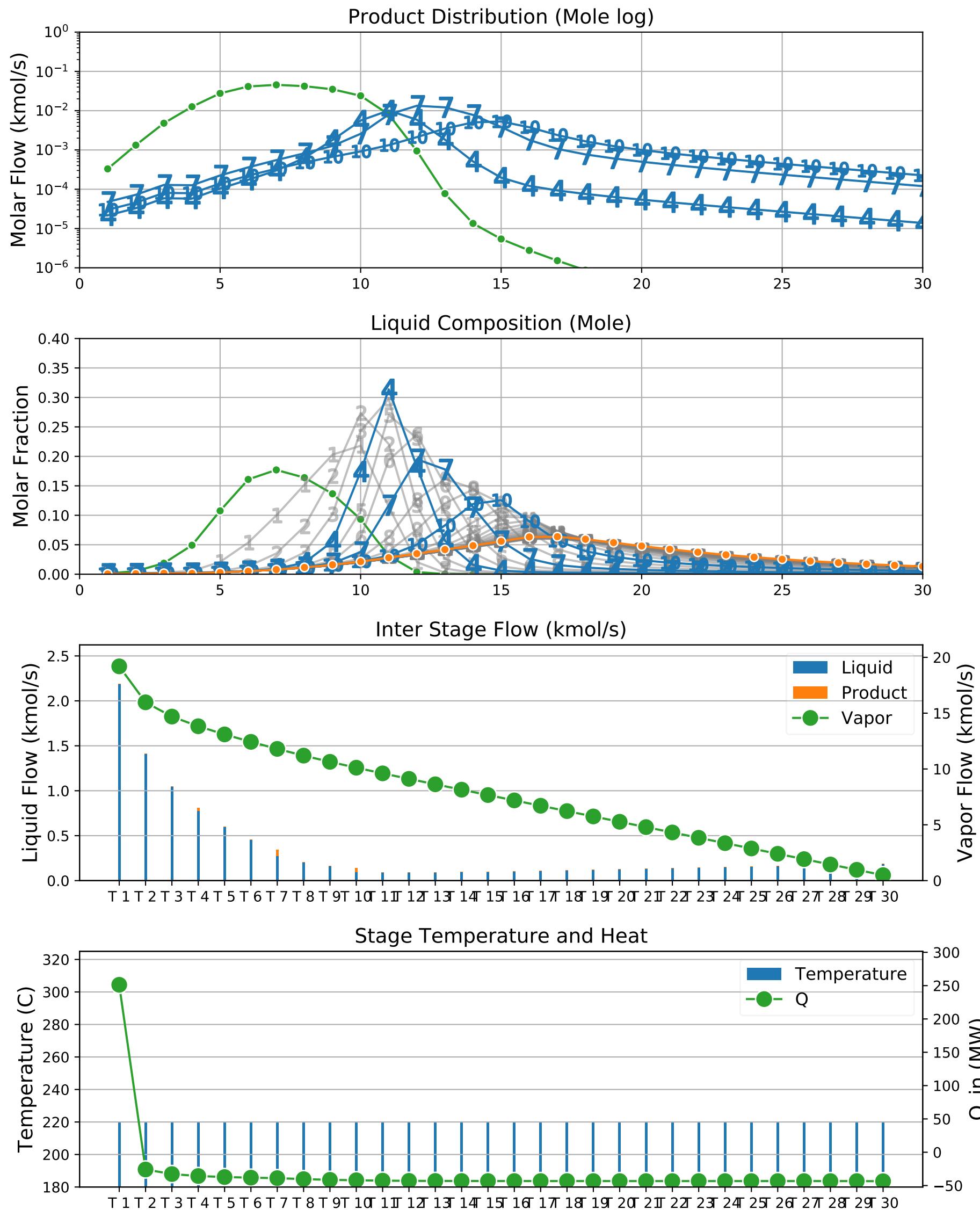
> Side draw of 4.0% on stage 4 <



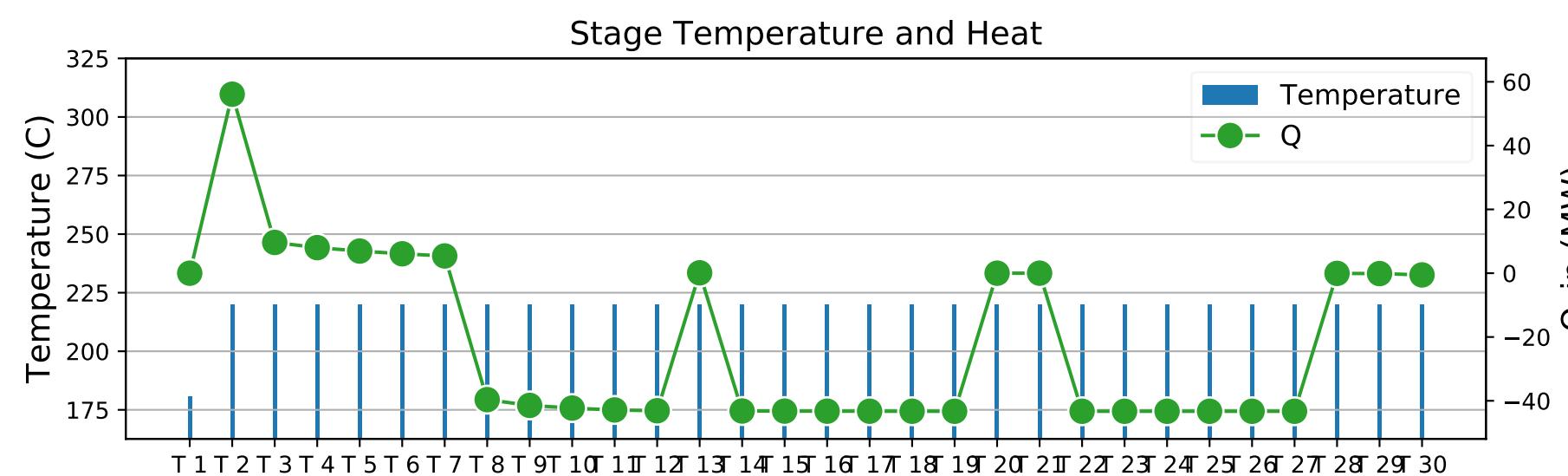
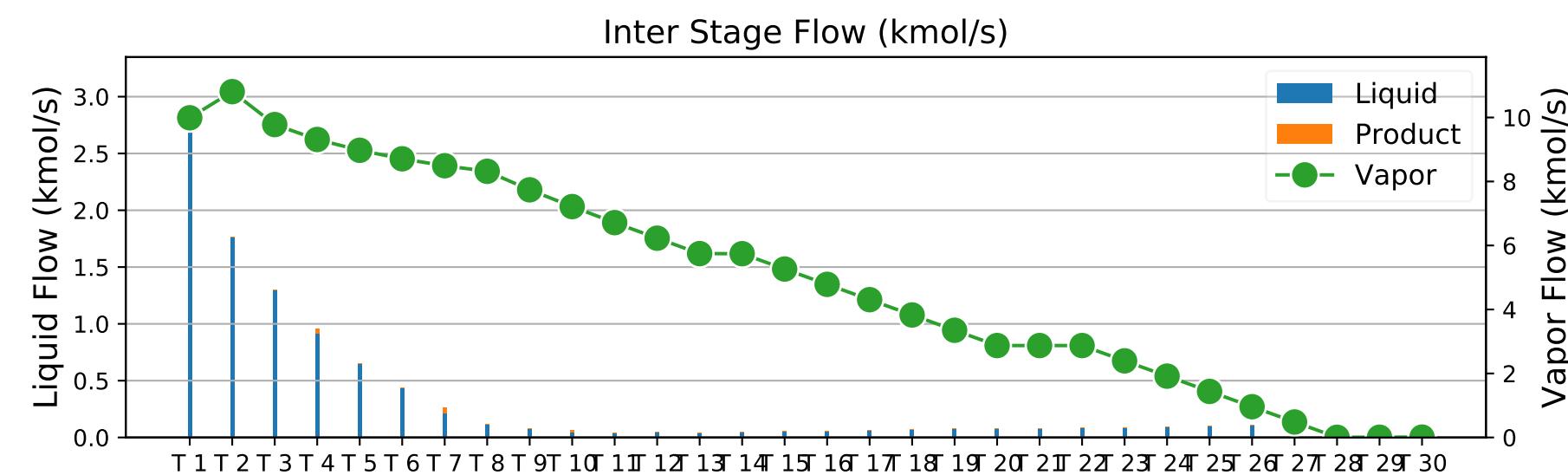
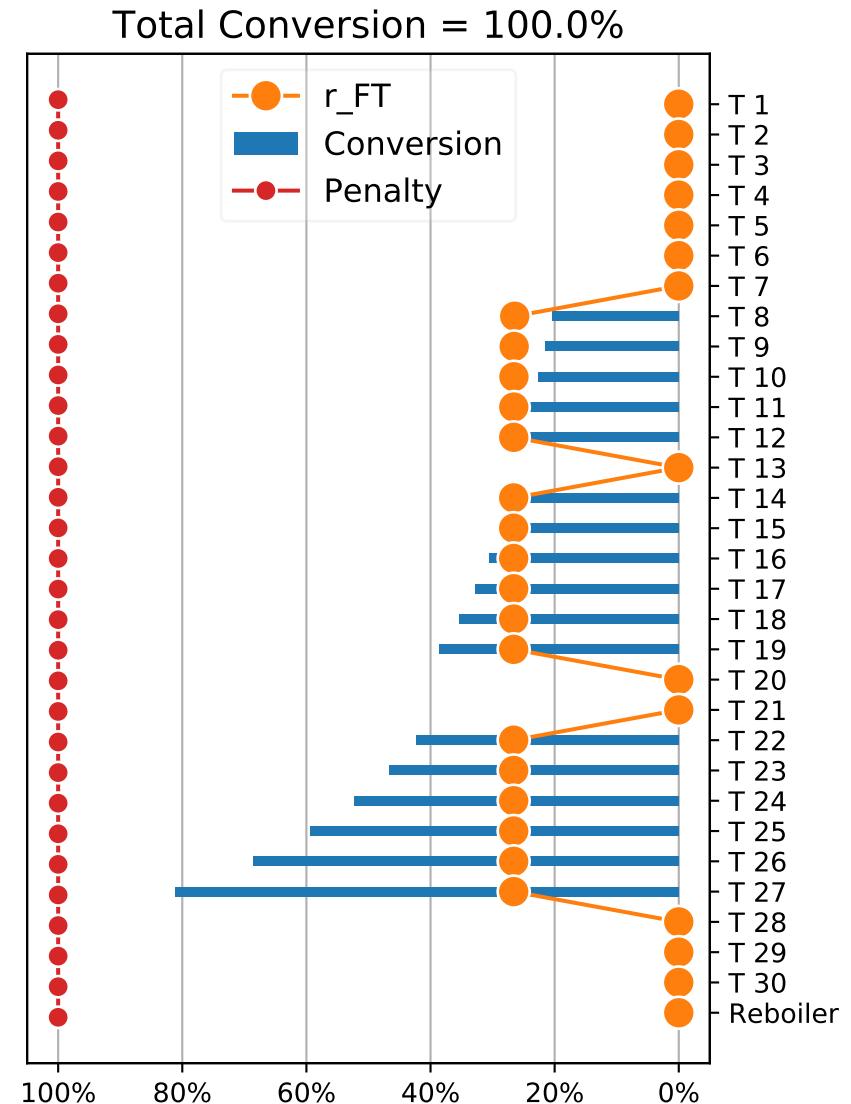
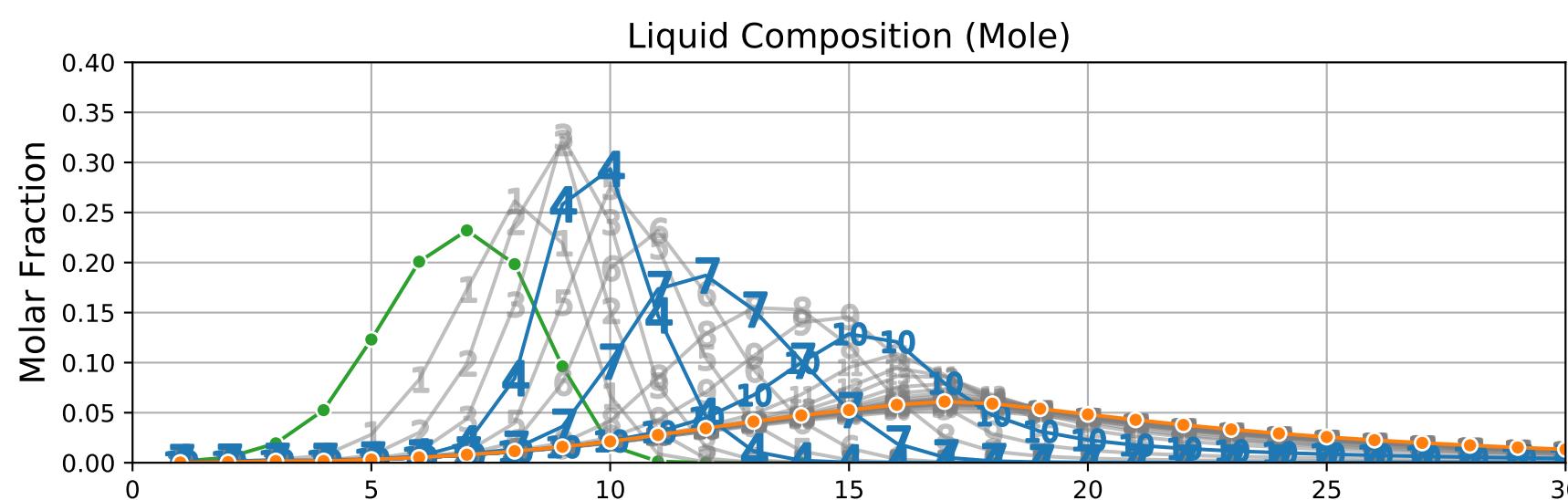
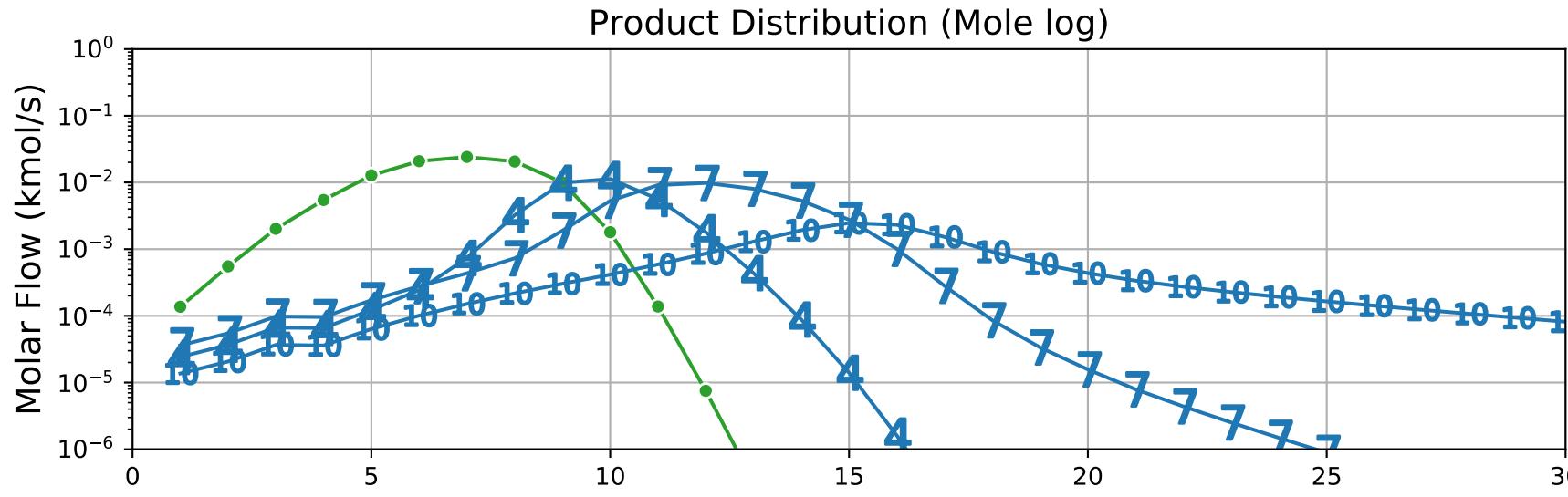
> Side draw of 20.0% on stage 7 <



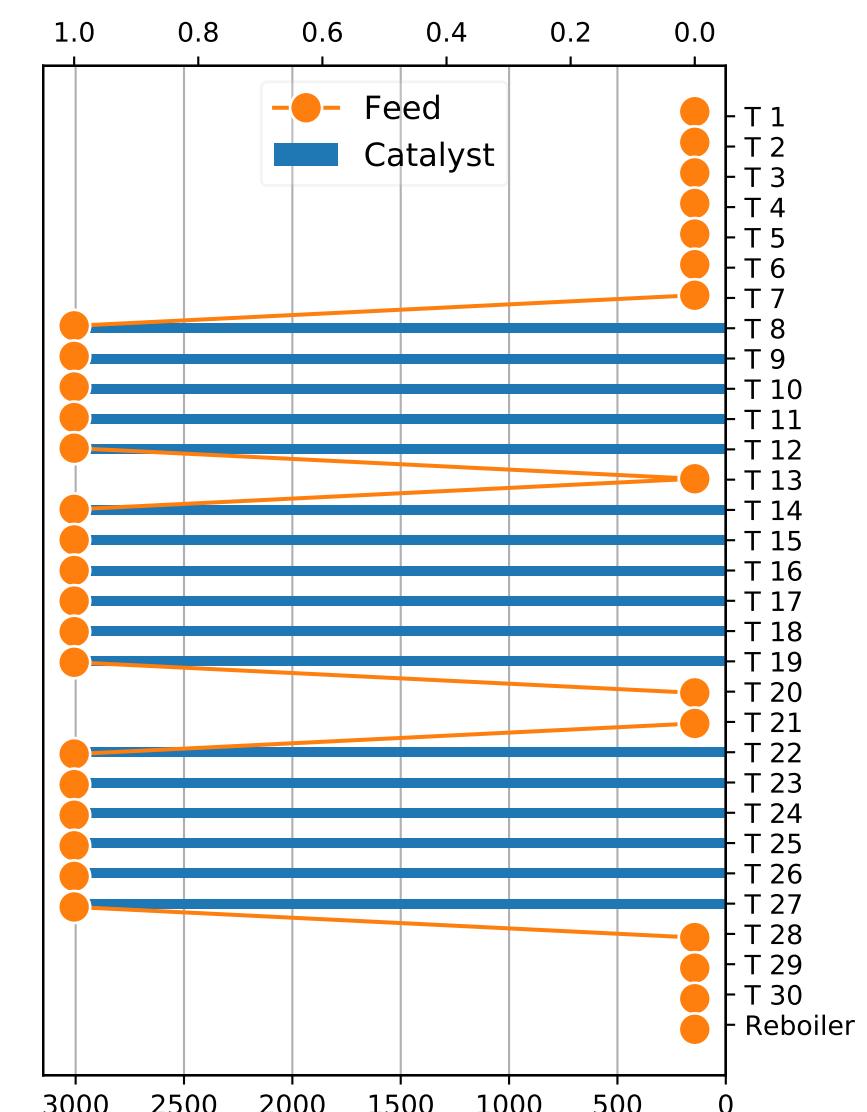
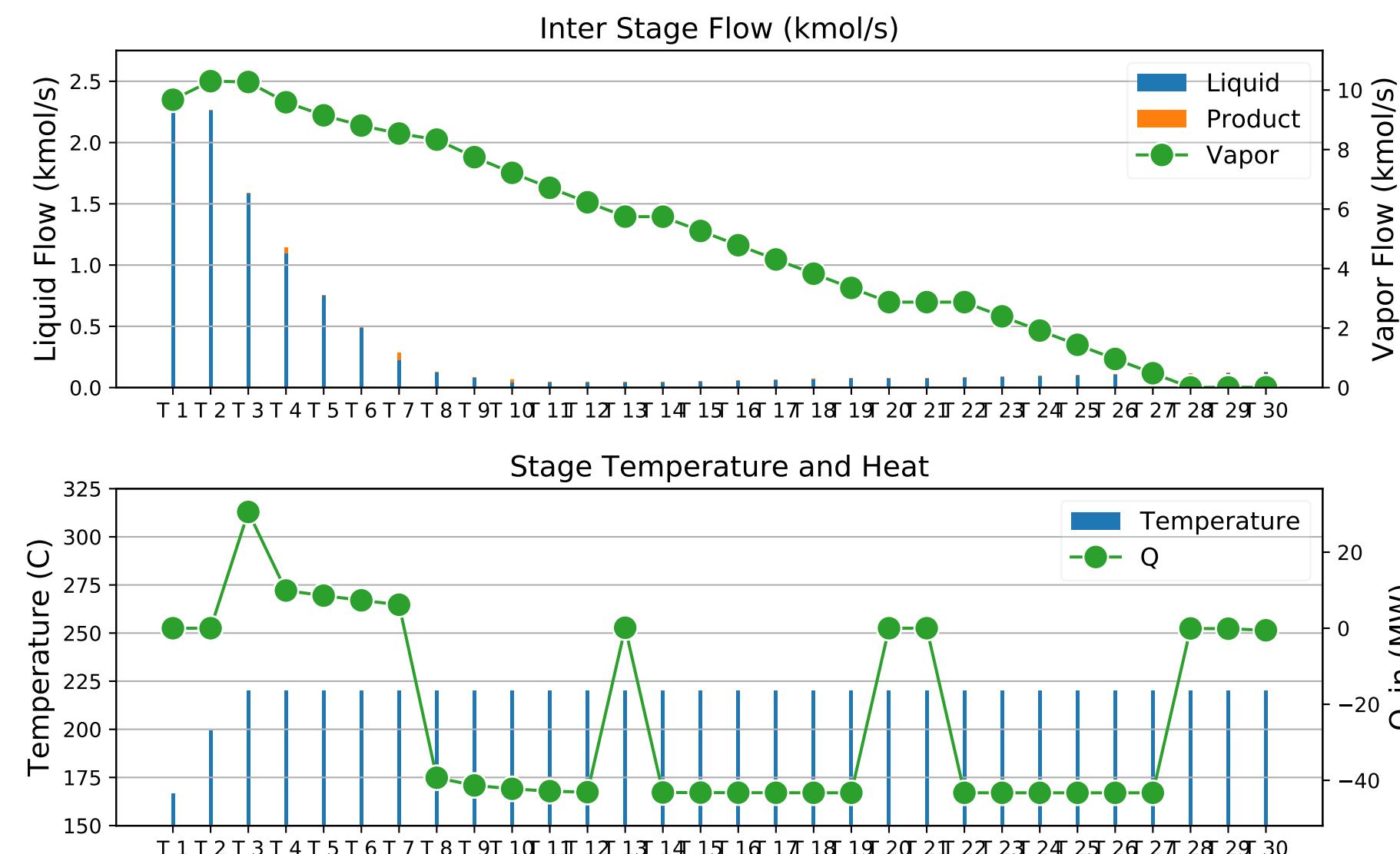
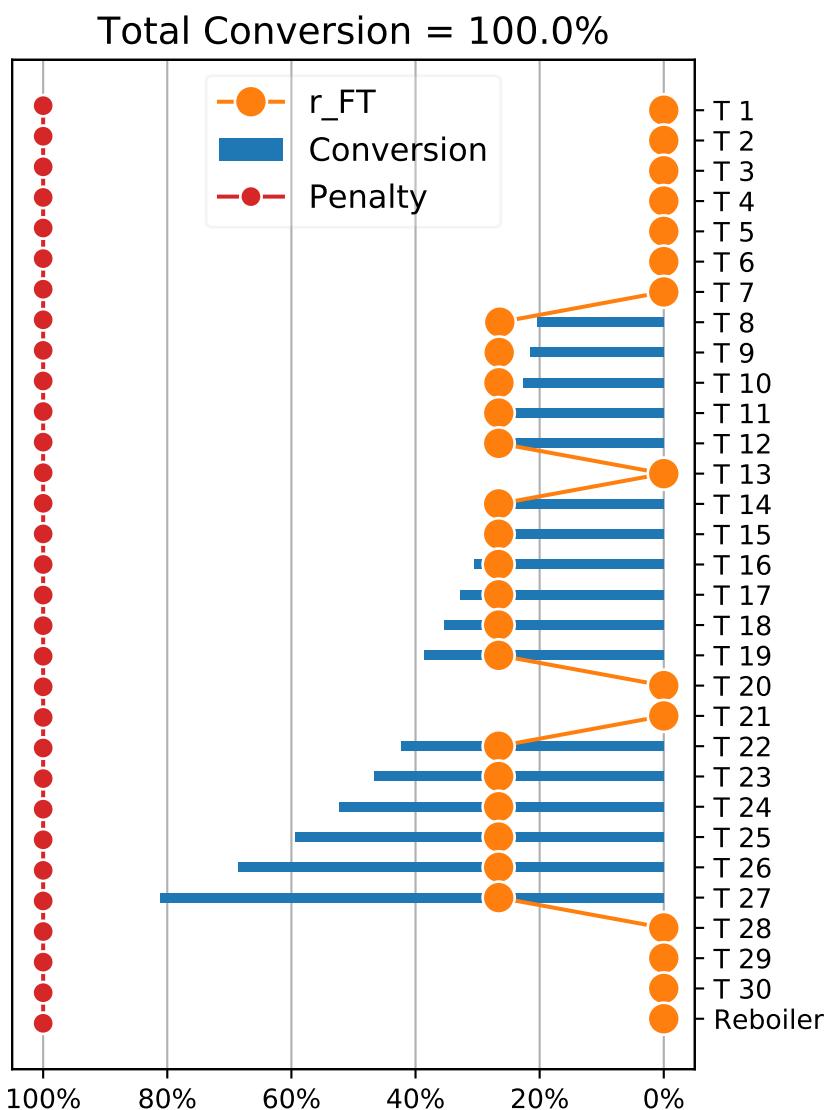
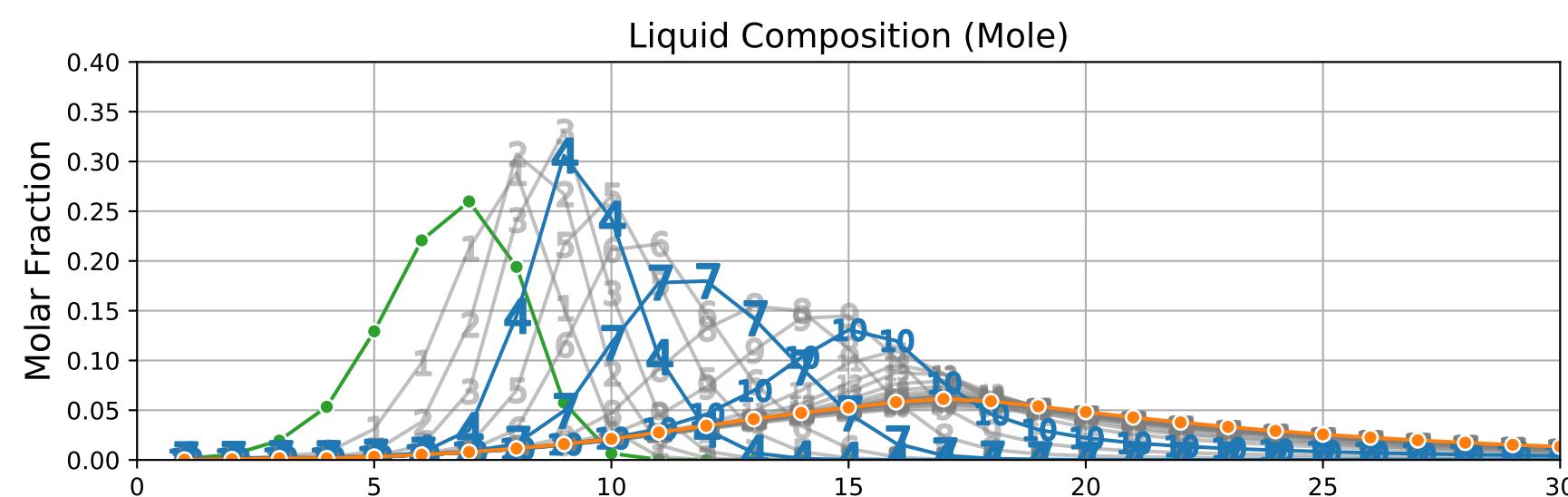
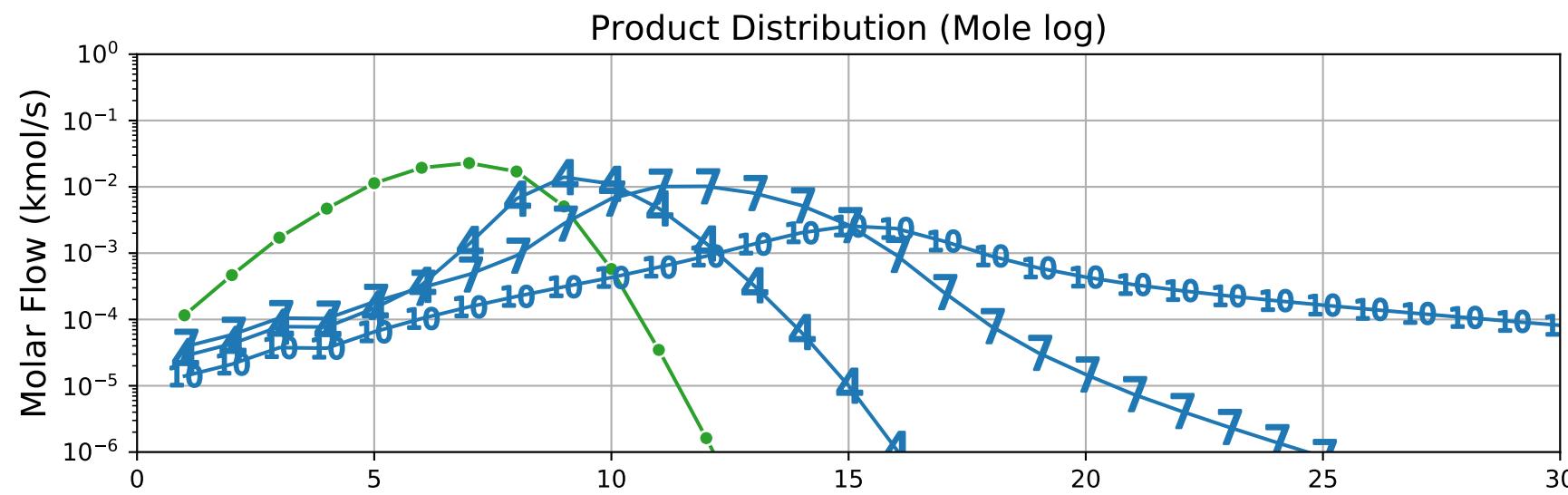
> Side draw of 30.0% on stage 10 <



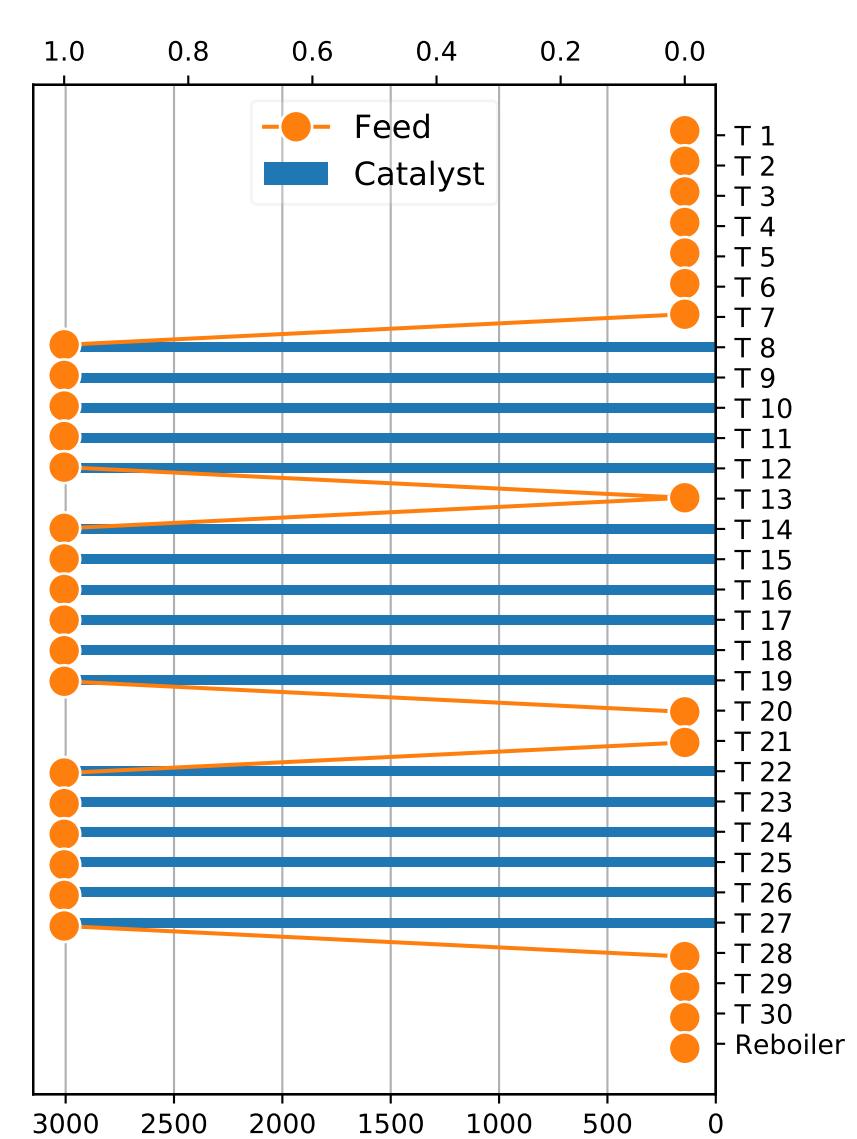
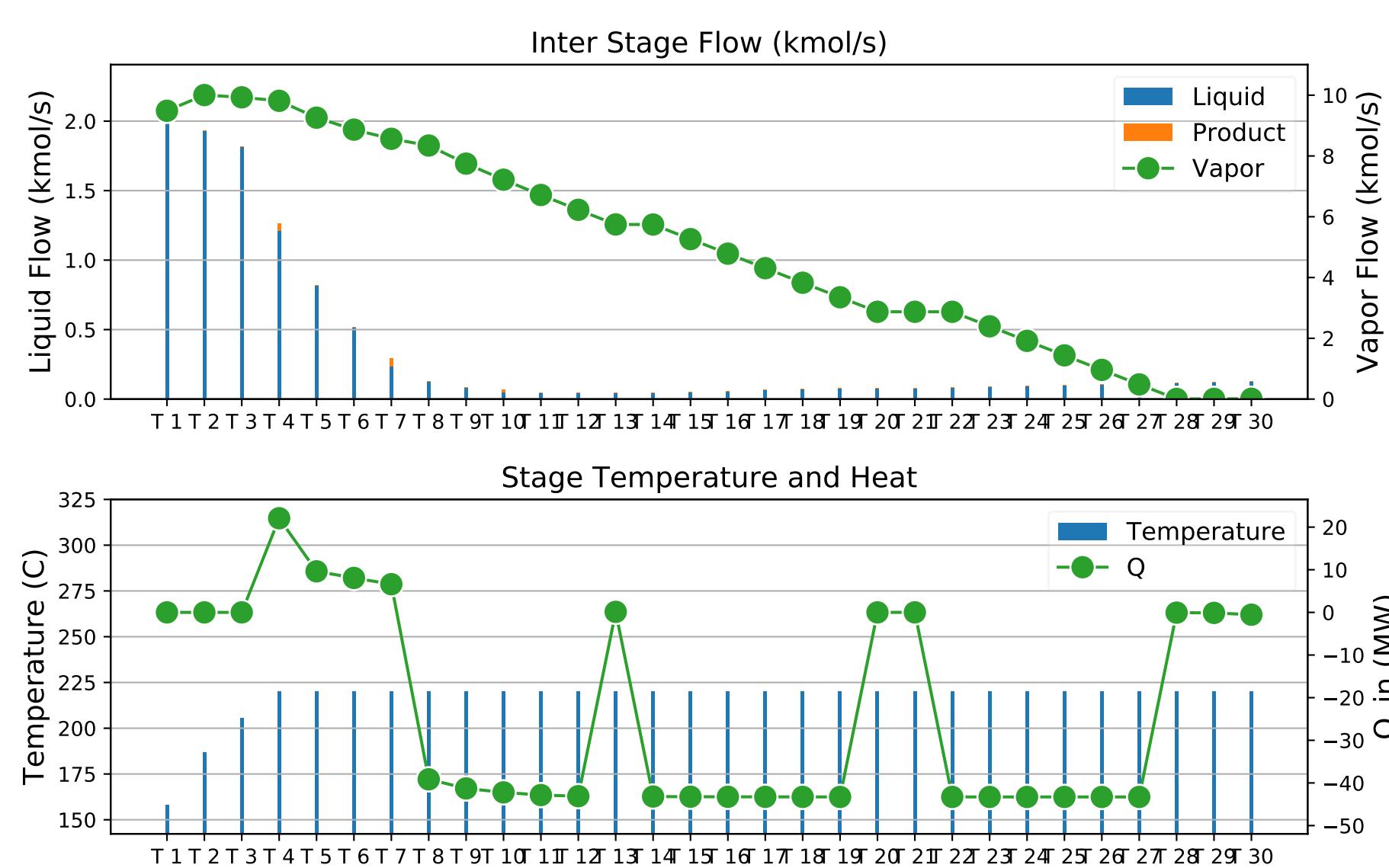
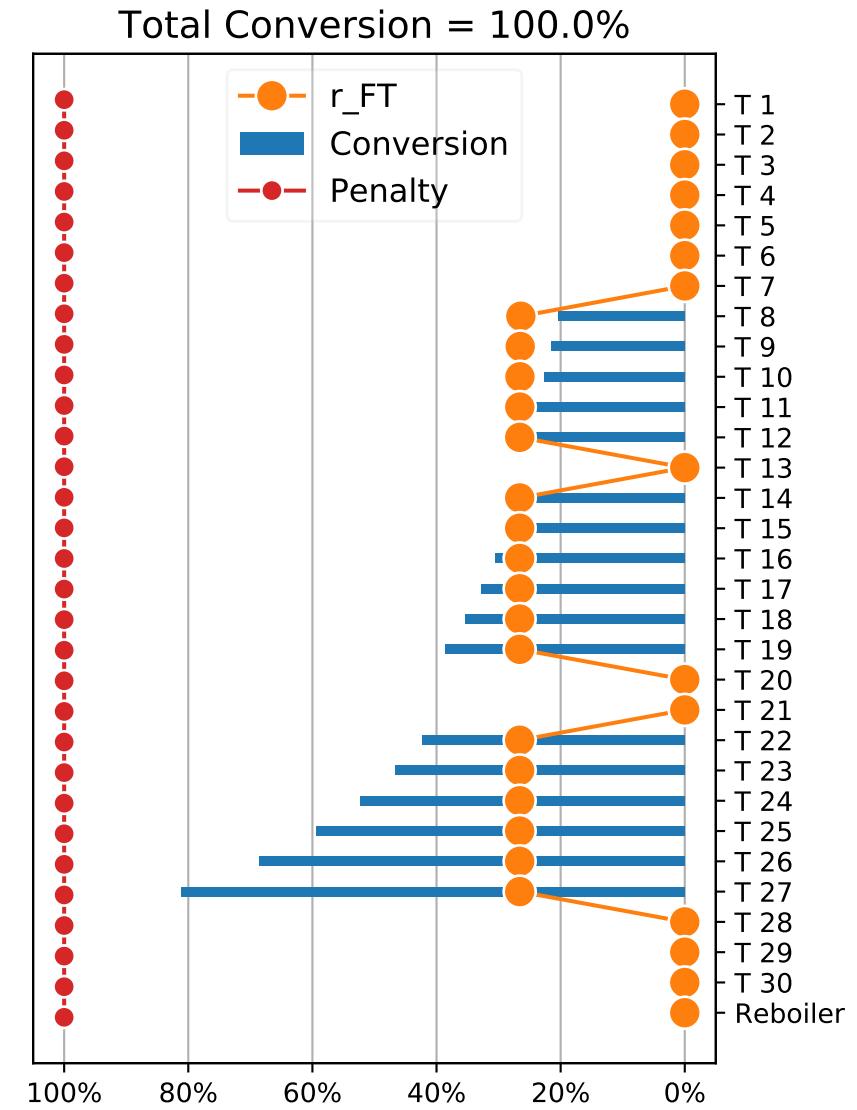
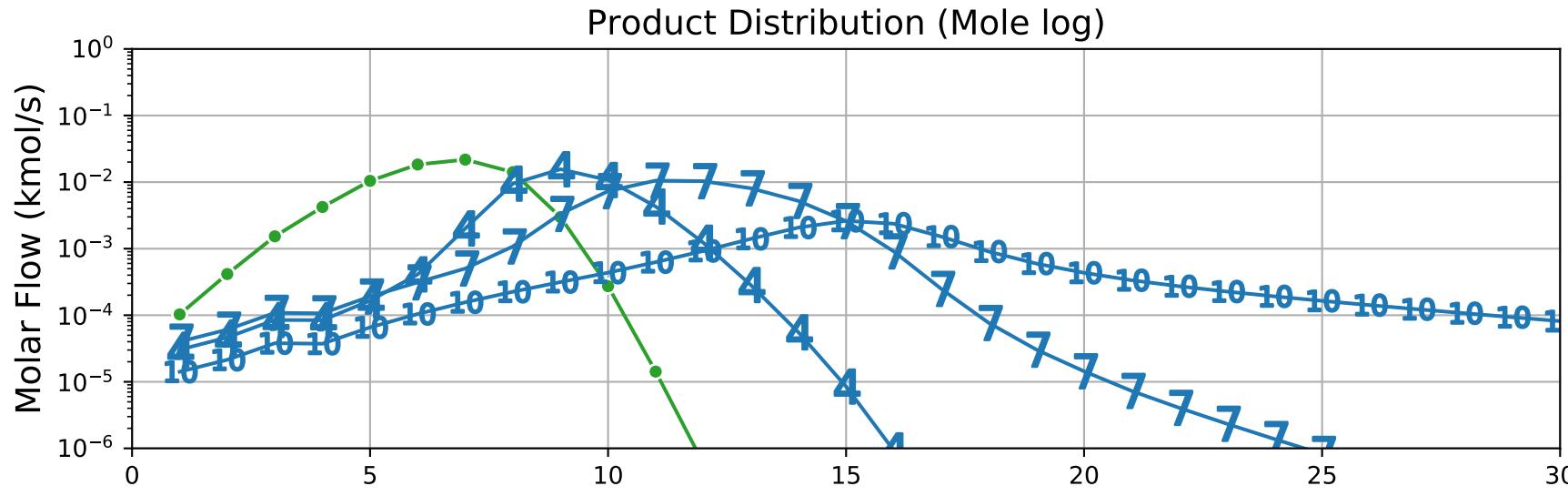
# > Non-reactive stage 1 <



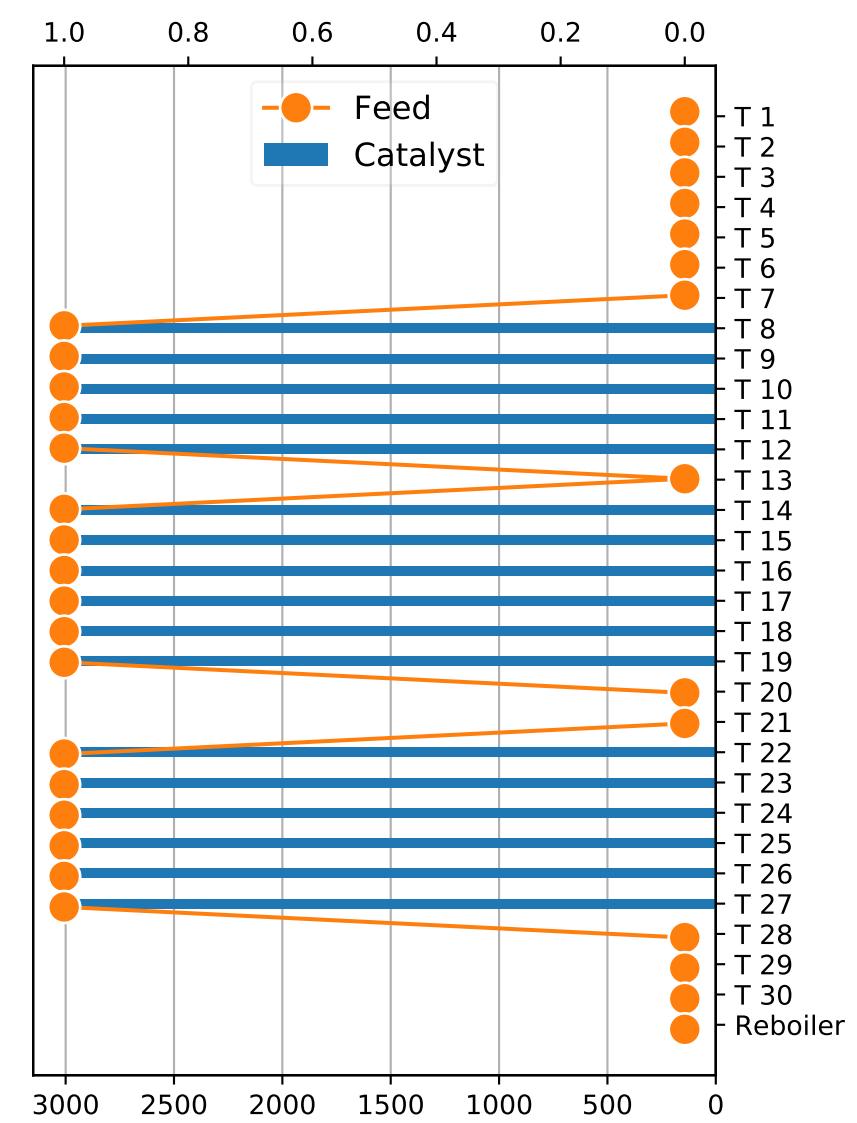
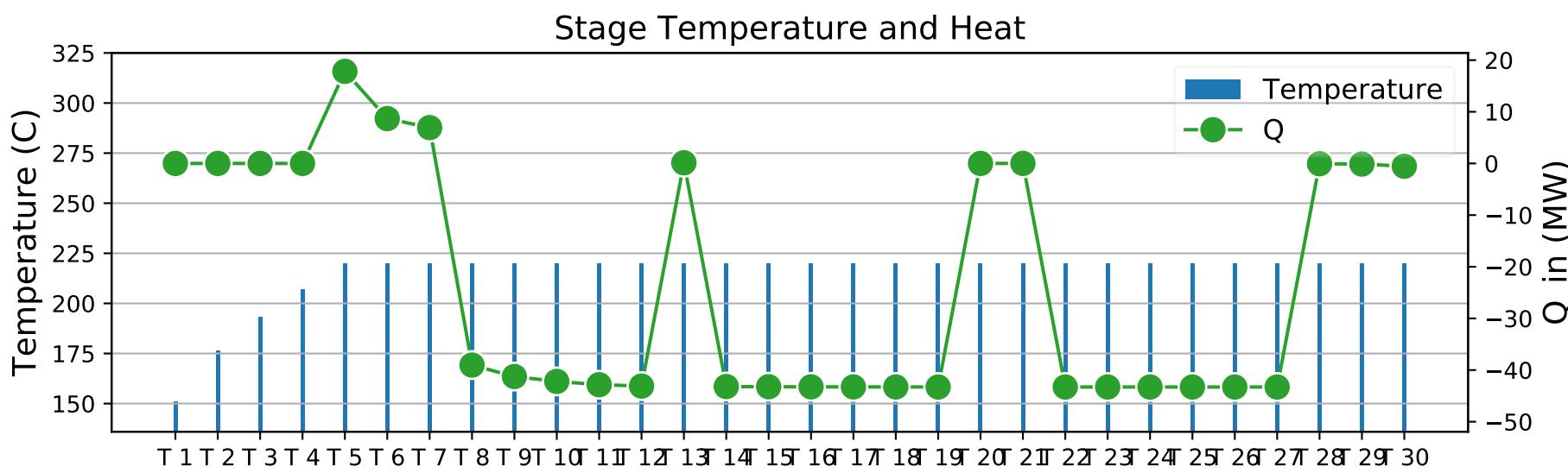
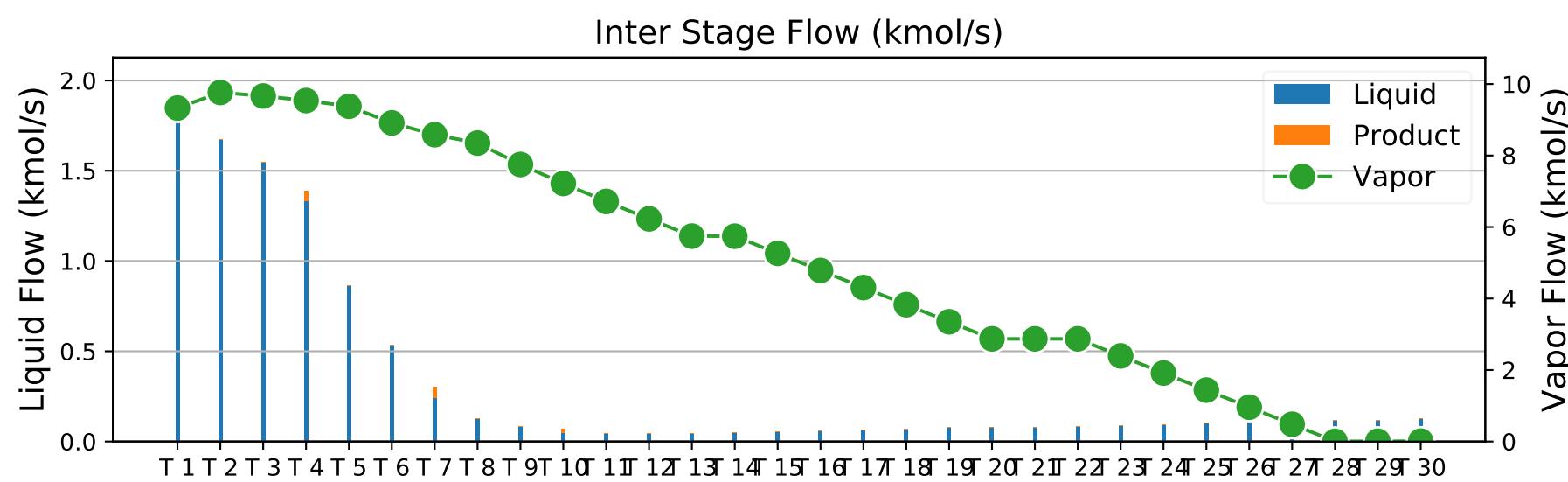
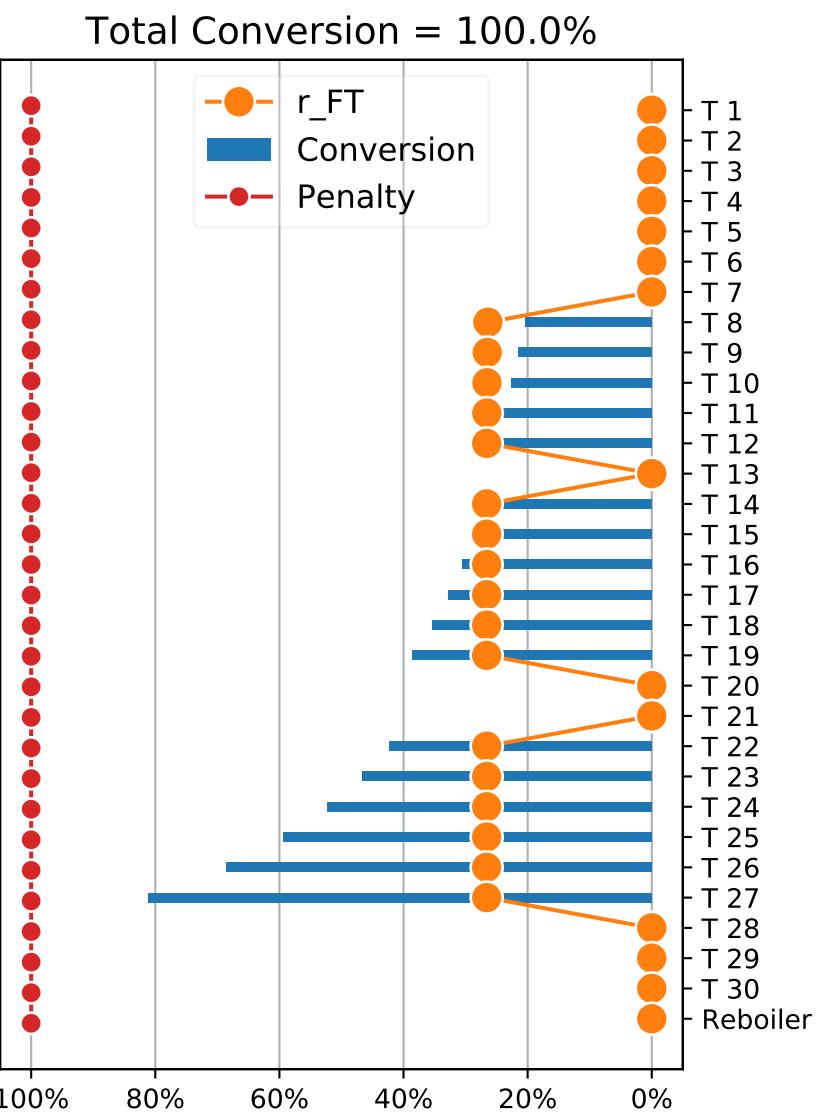
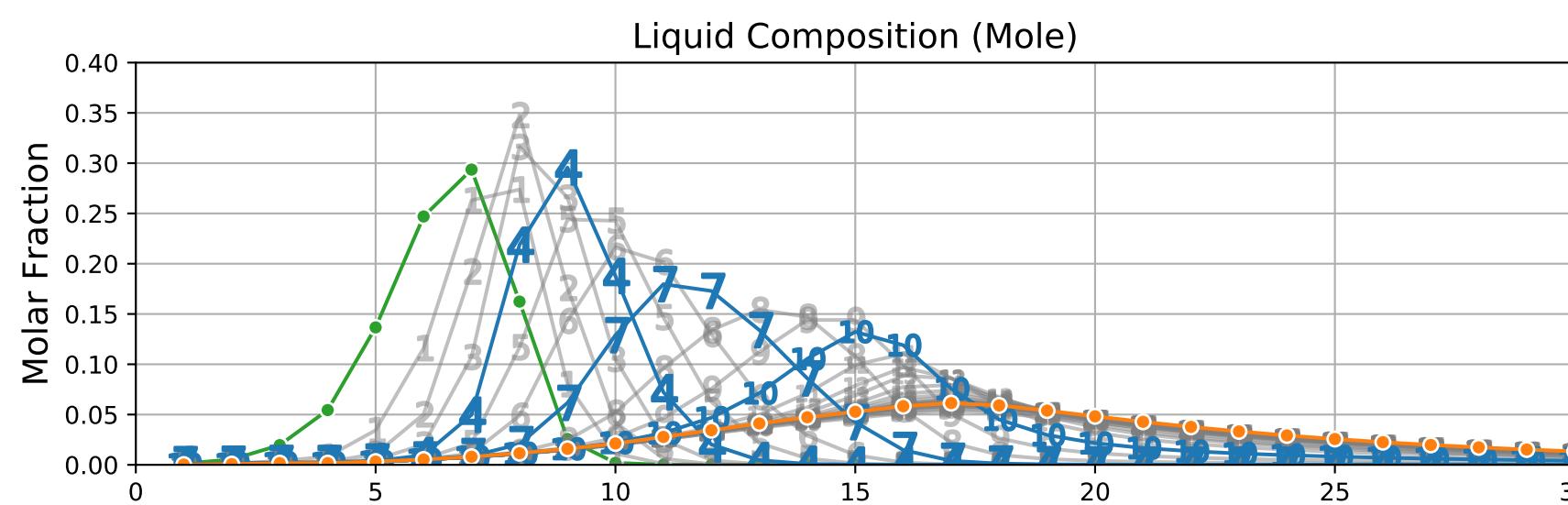
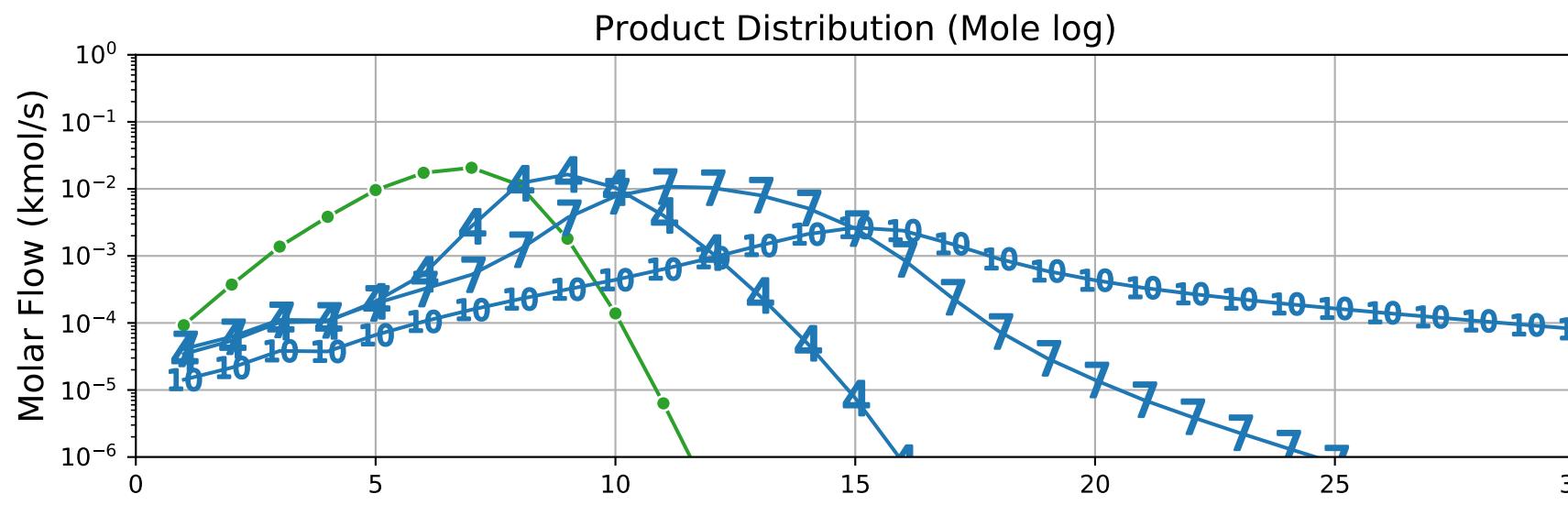
## > Non-reactive stage 2 <



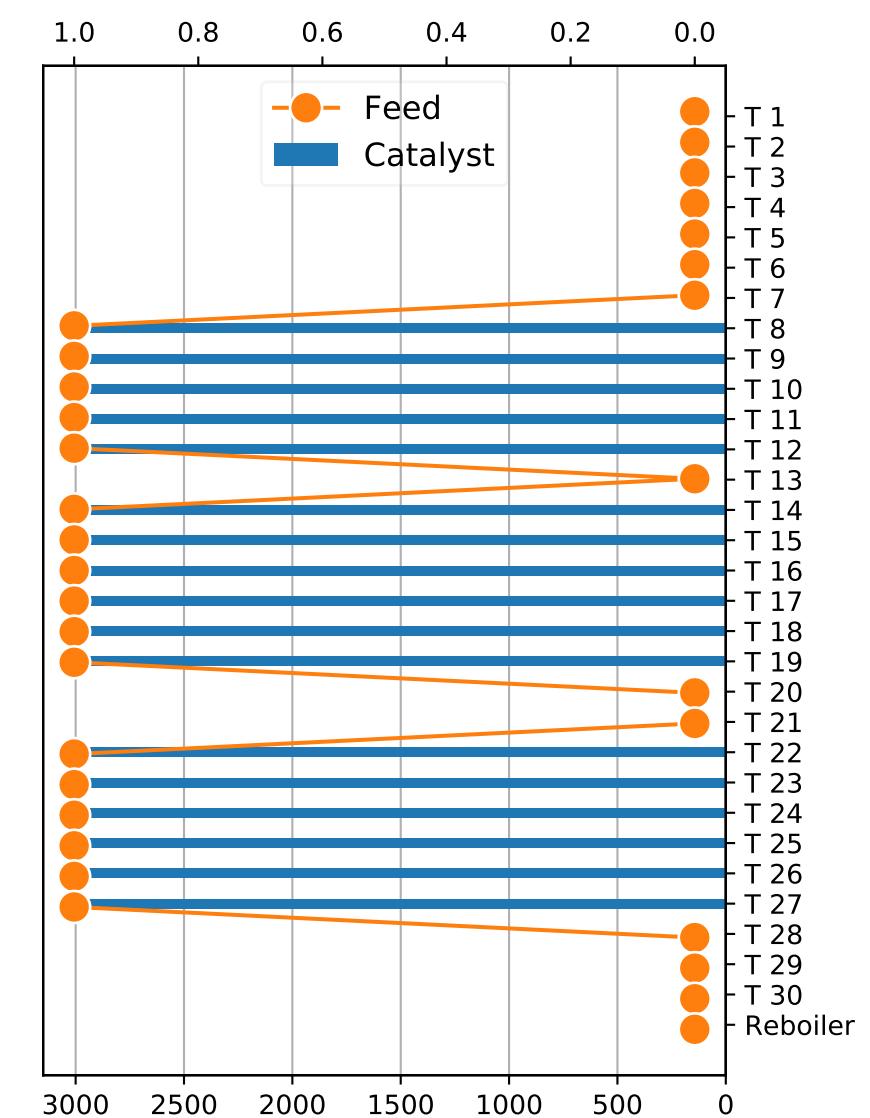
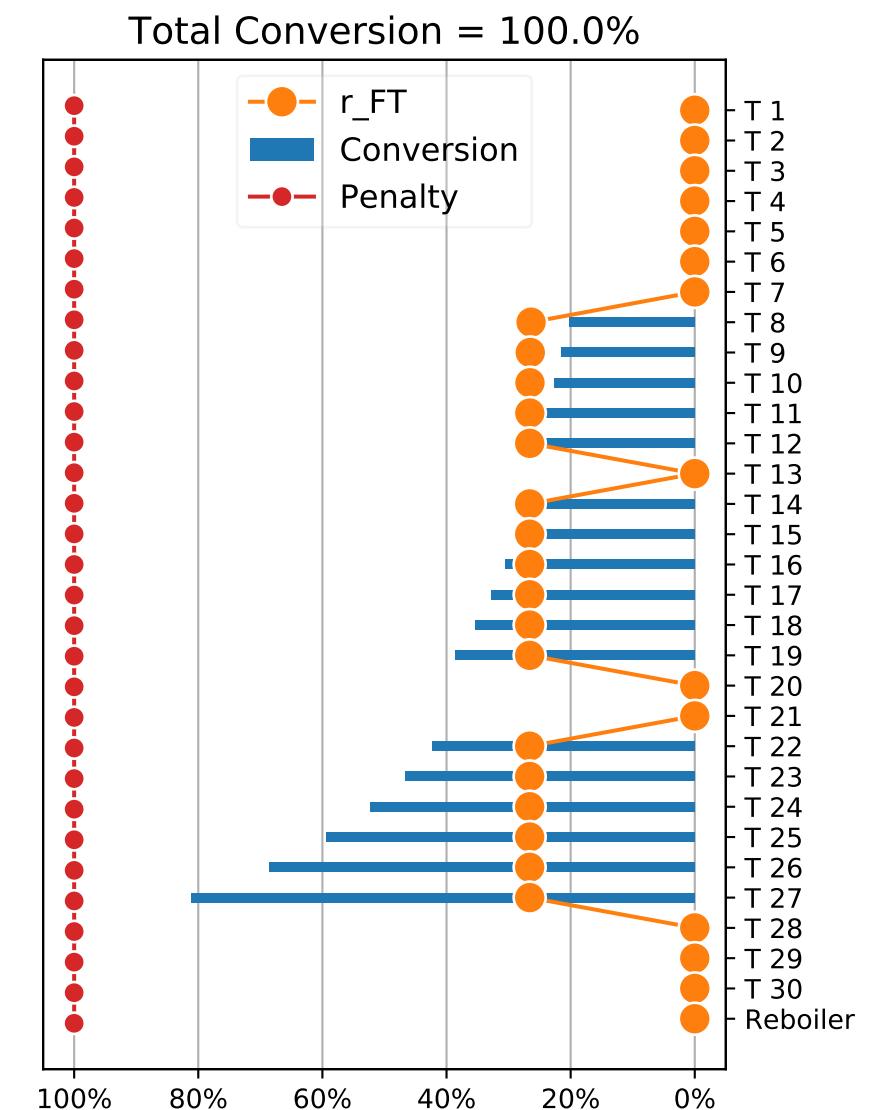
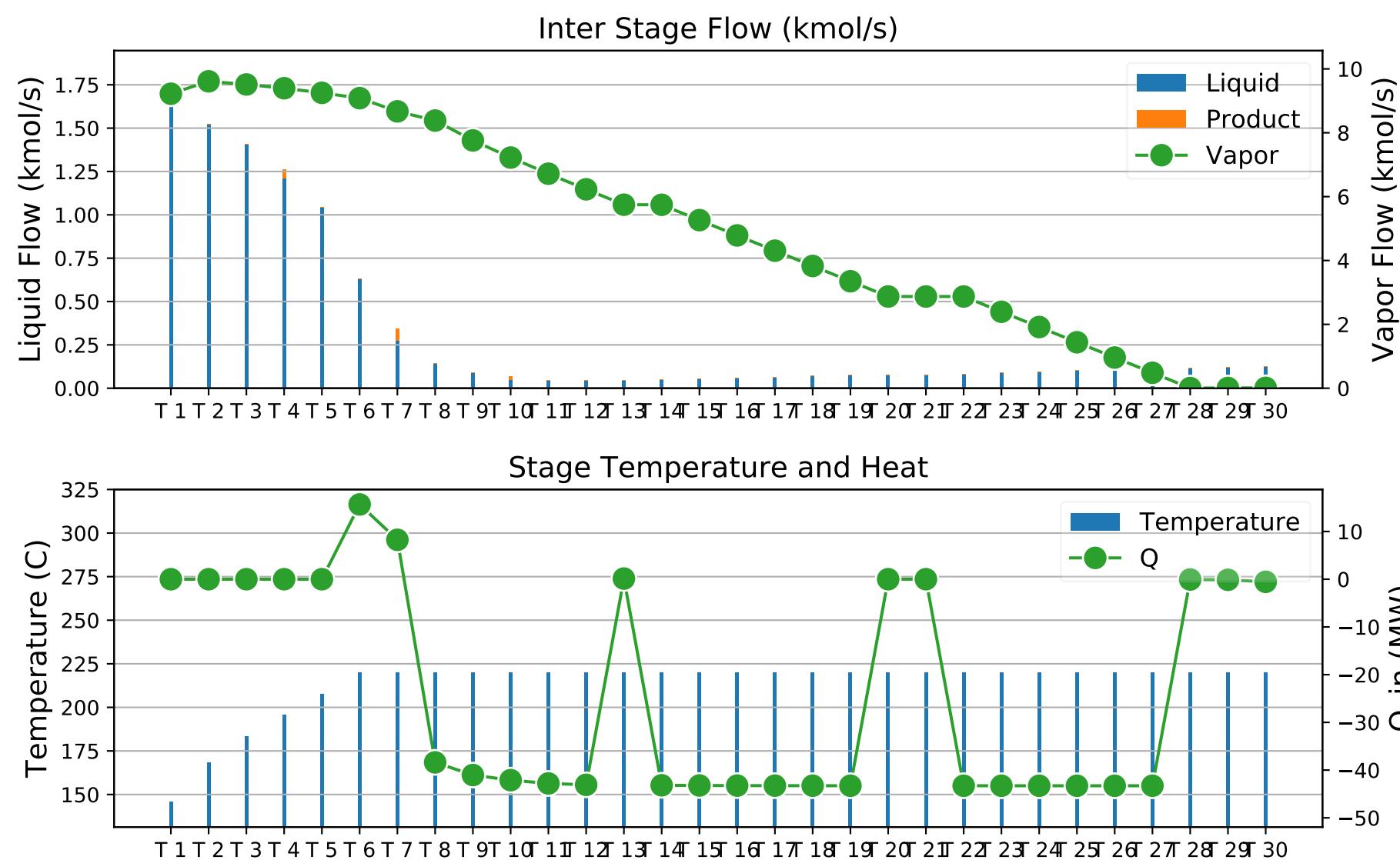
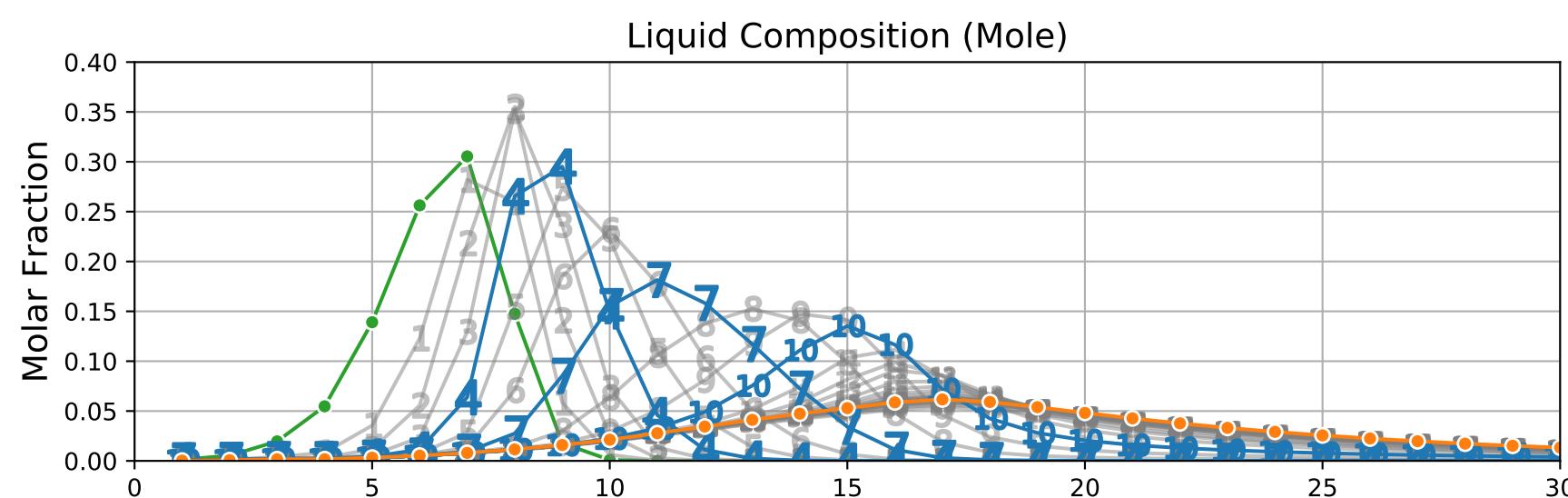
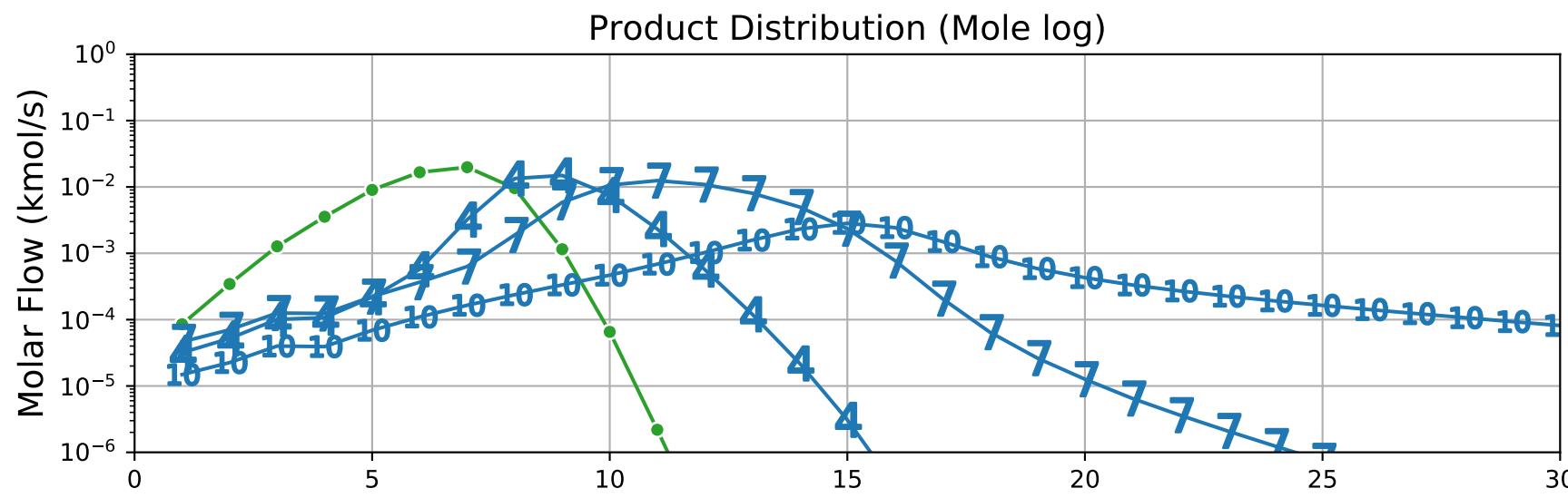
# > Non-reactive stage 3 <



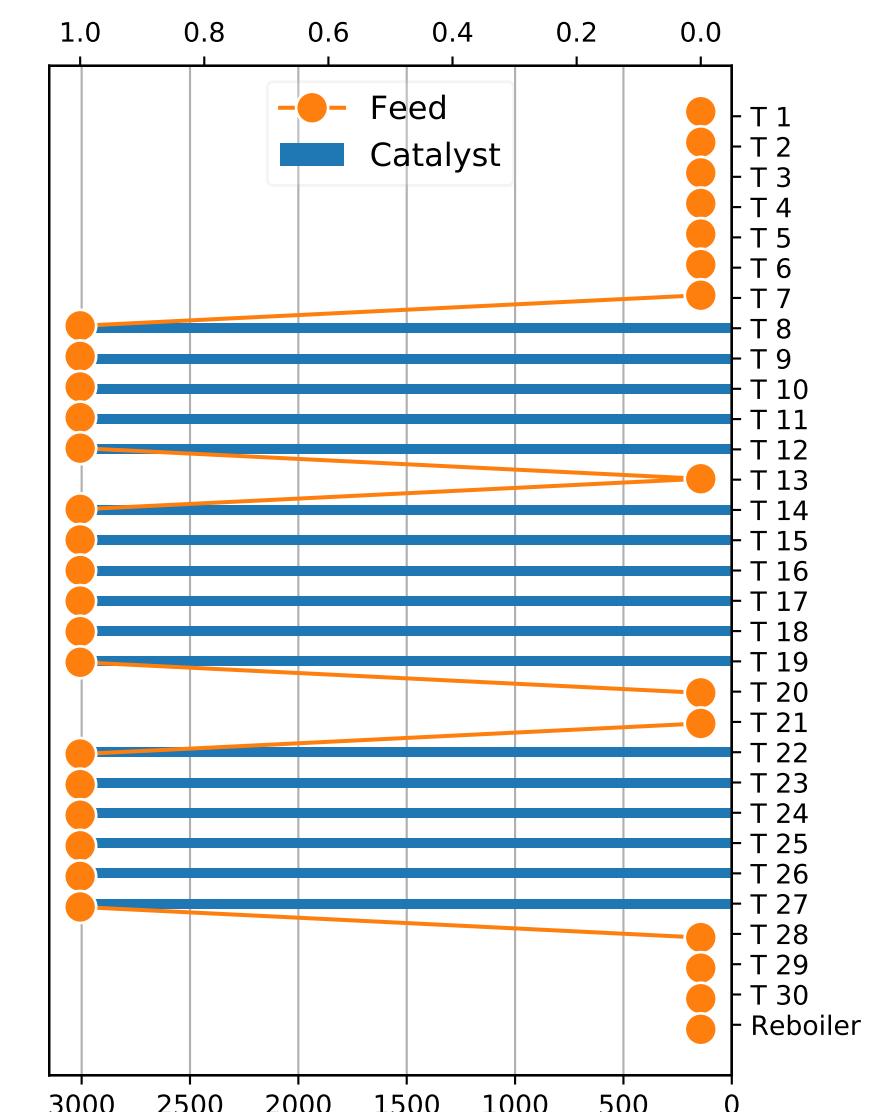
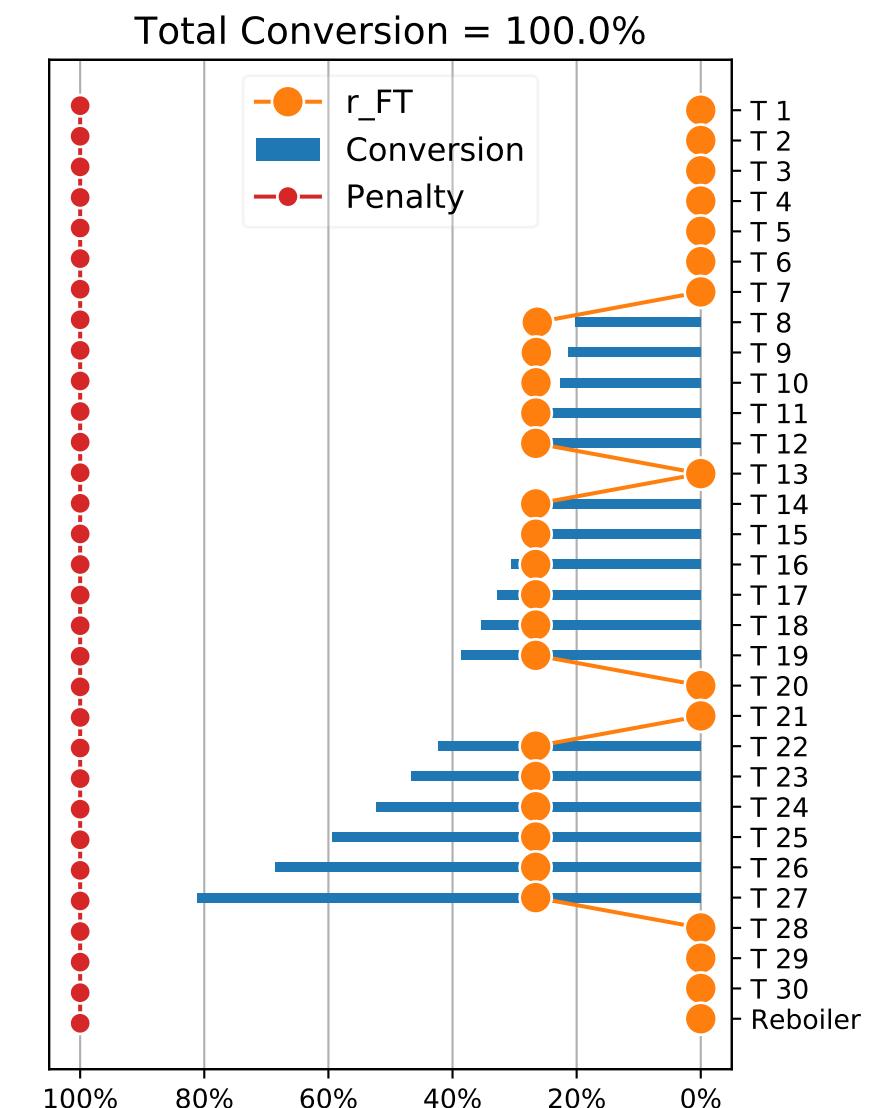
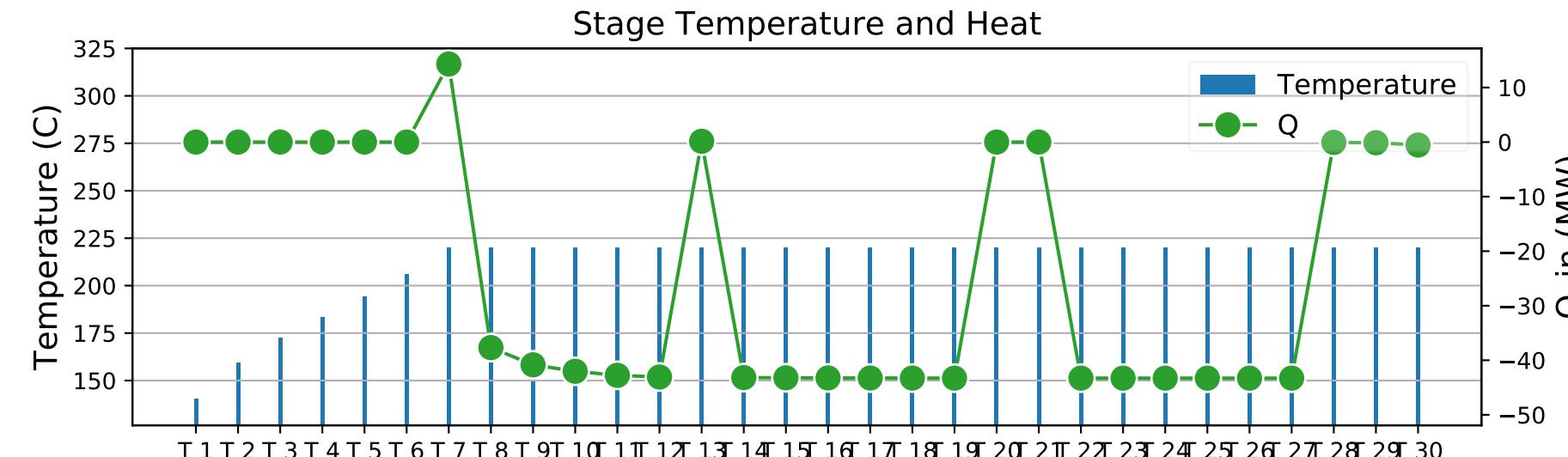
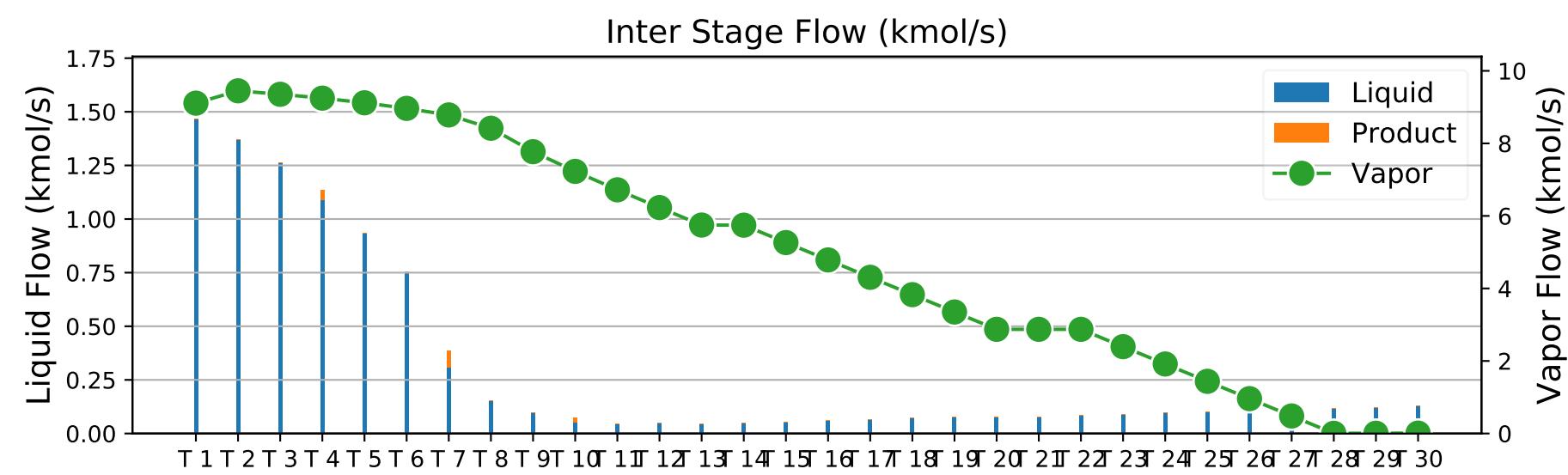
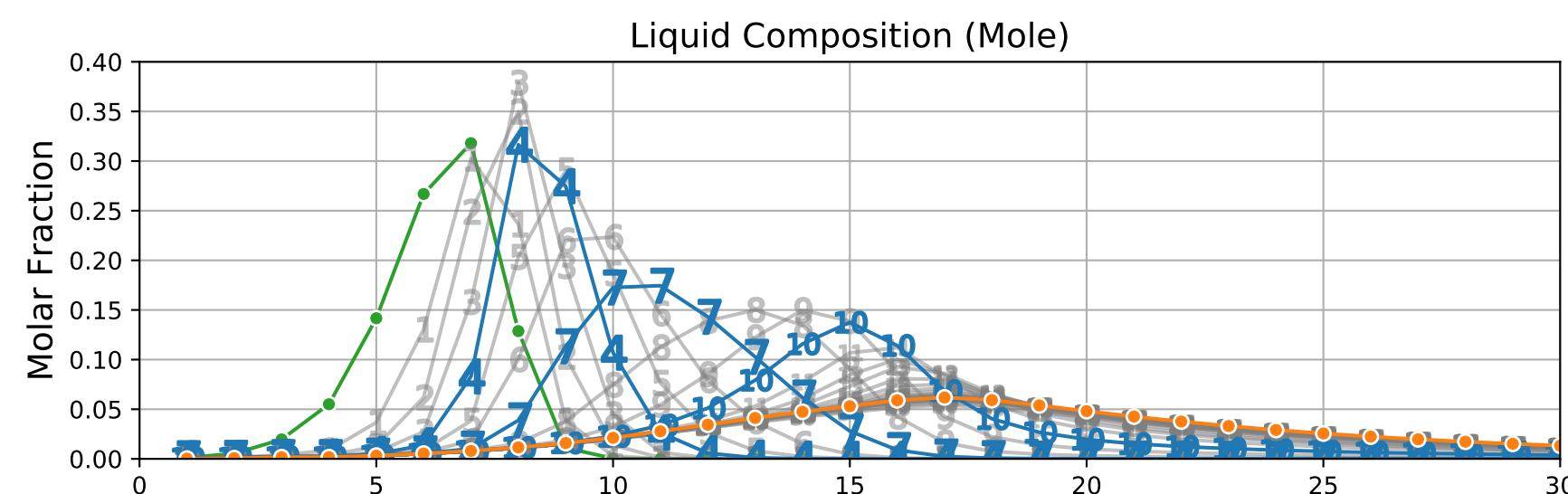
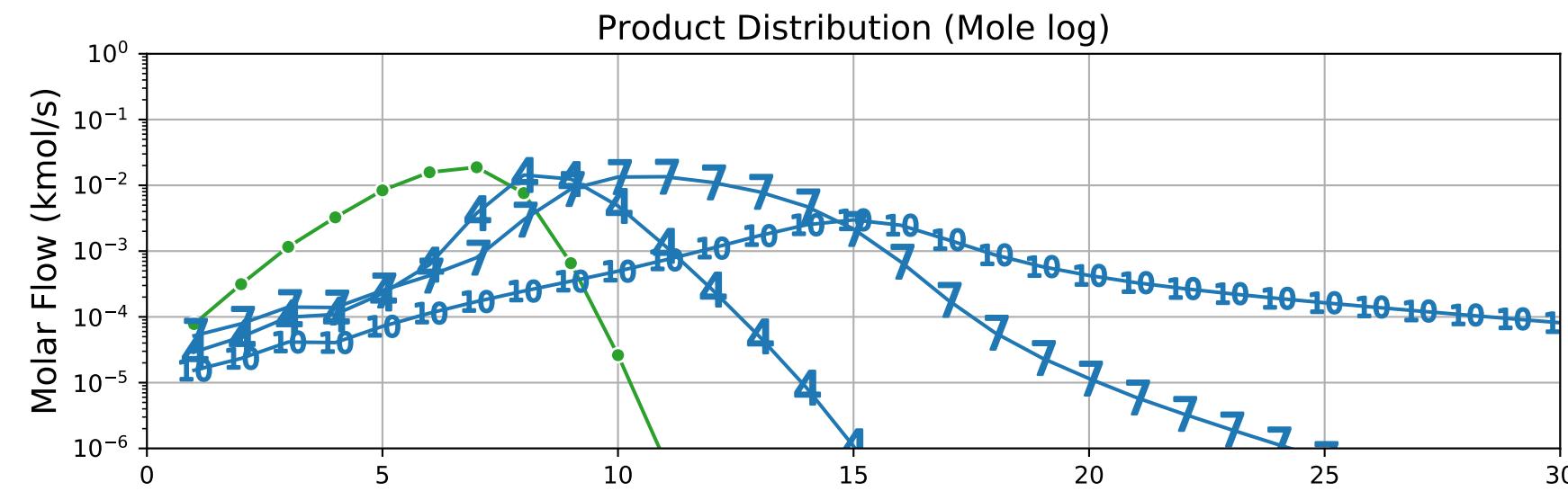
# > Non-reactive stage 4 <



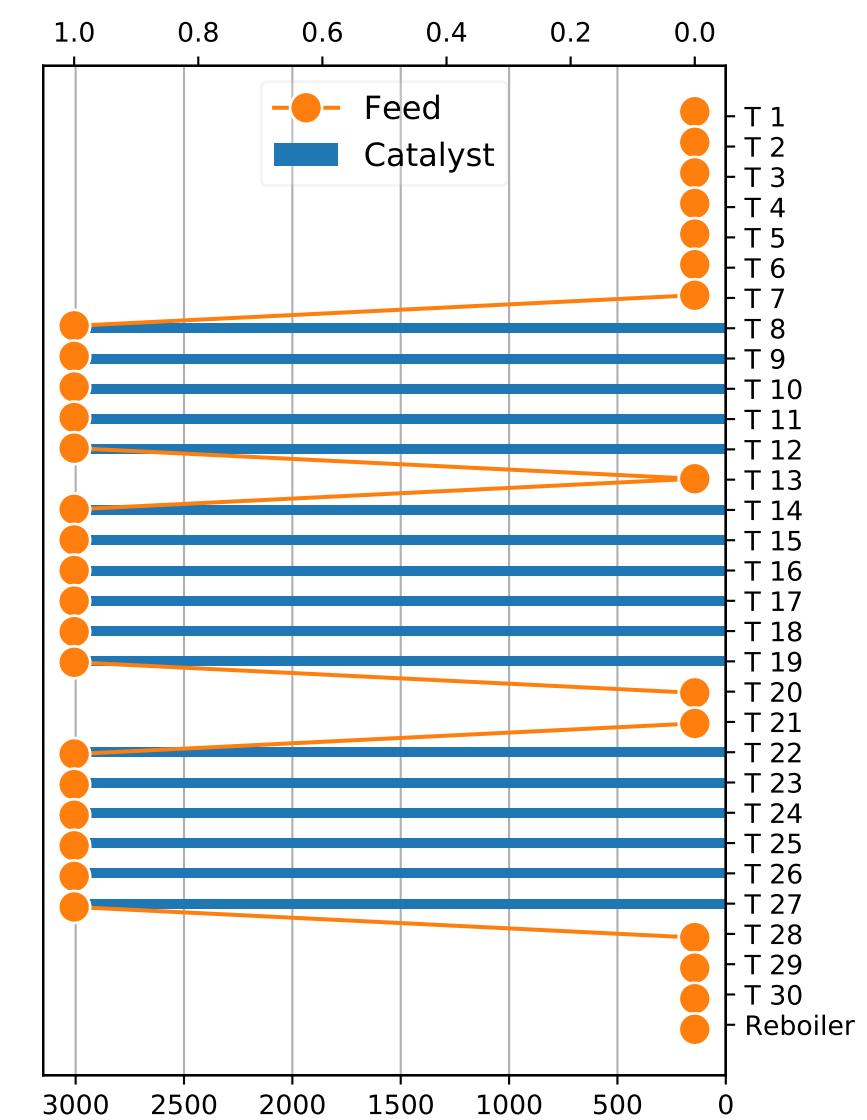
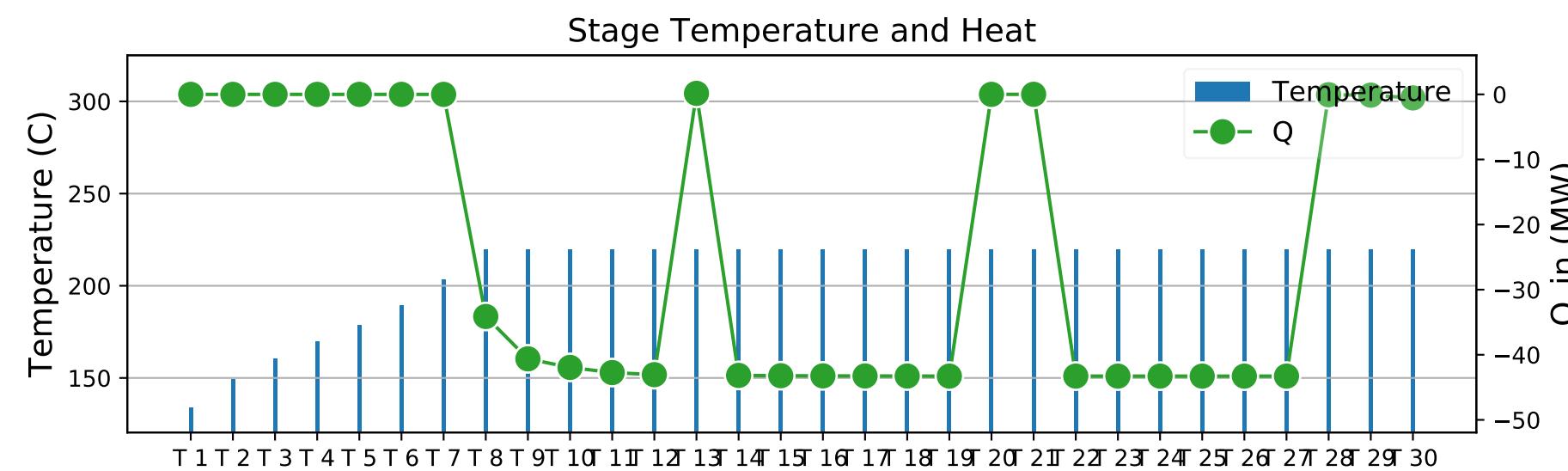
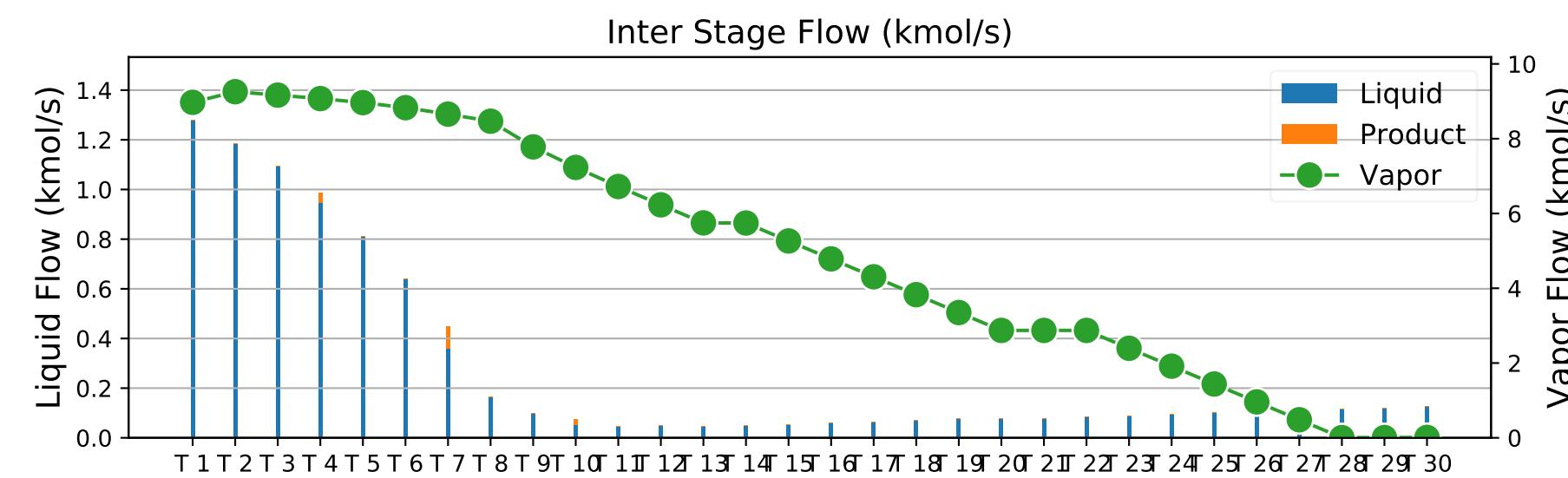
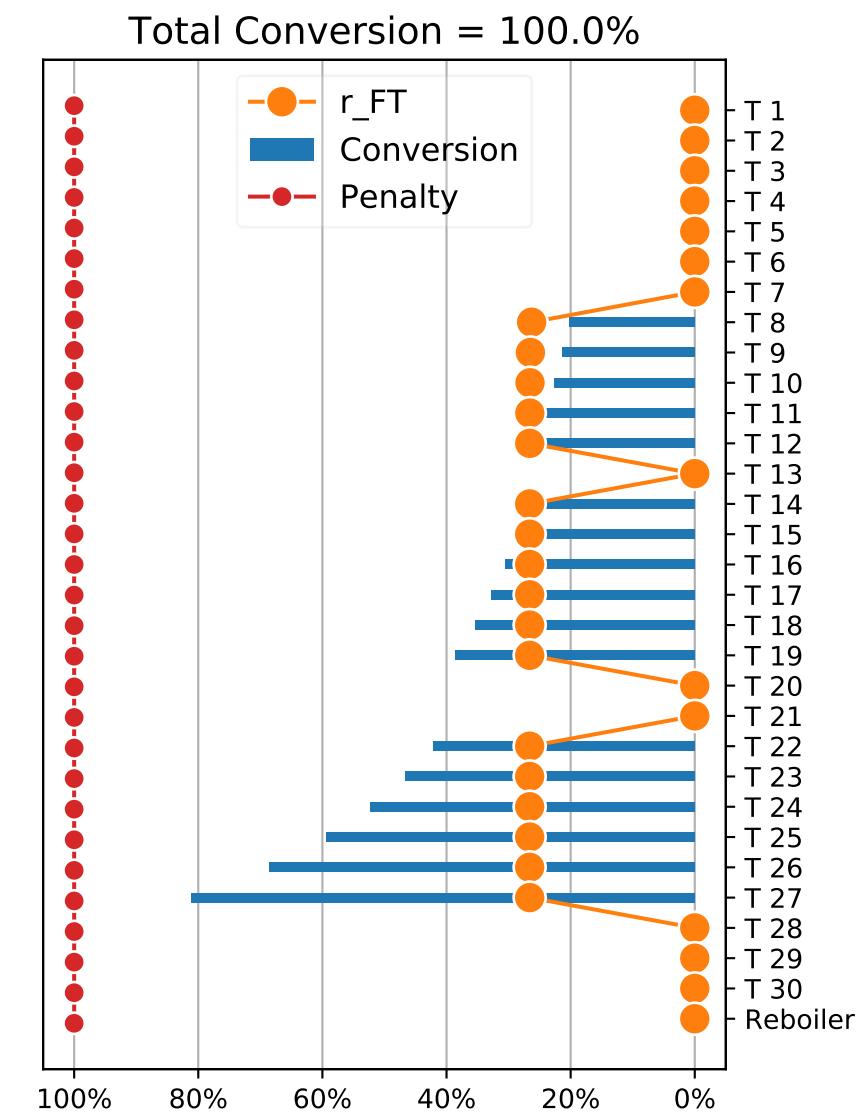
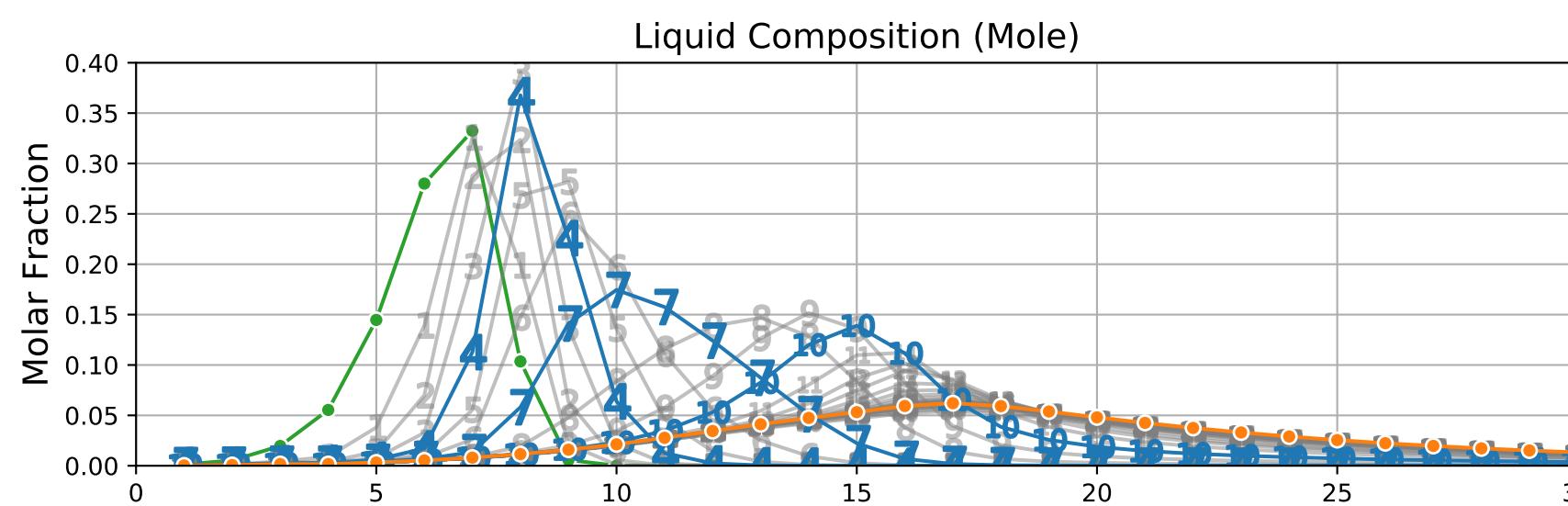
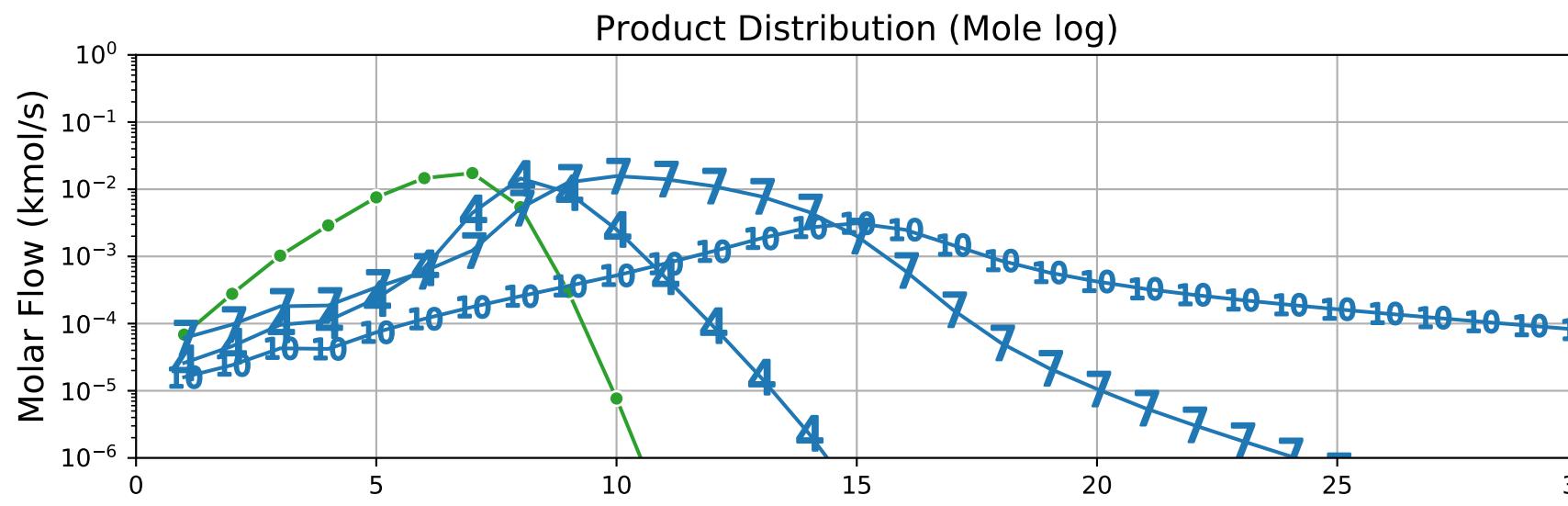
## > Non-reactive stage 5 <



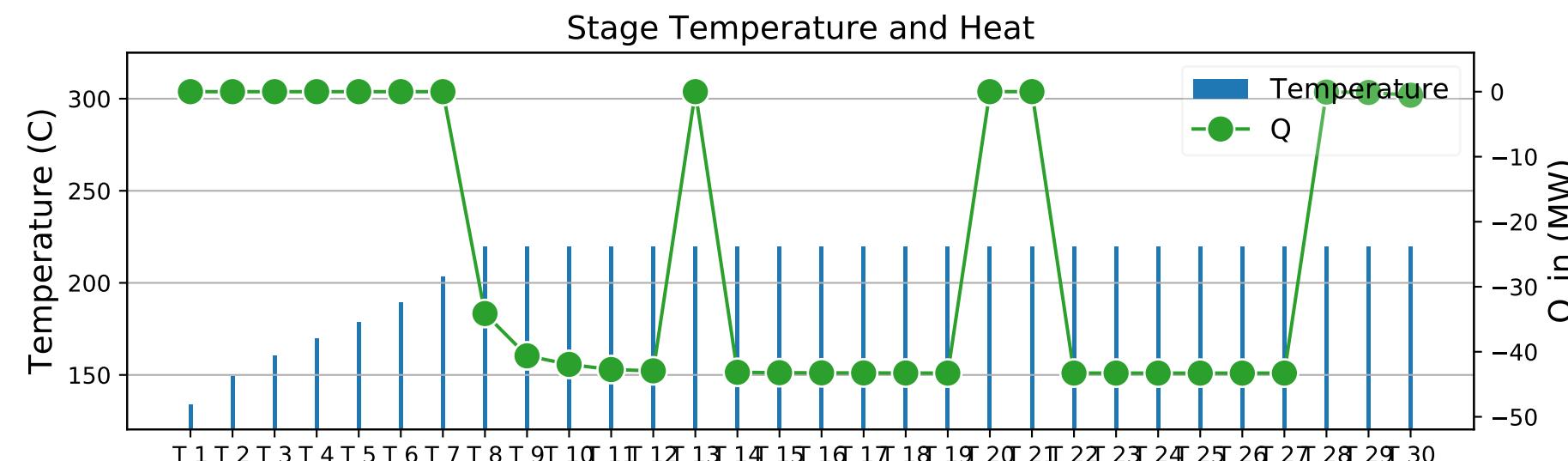
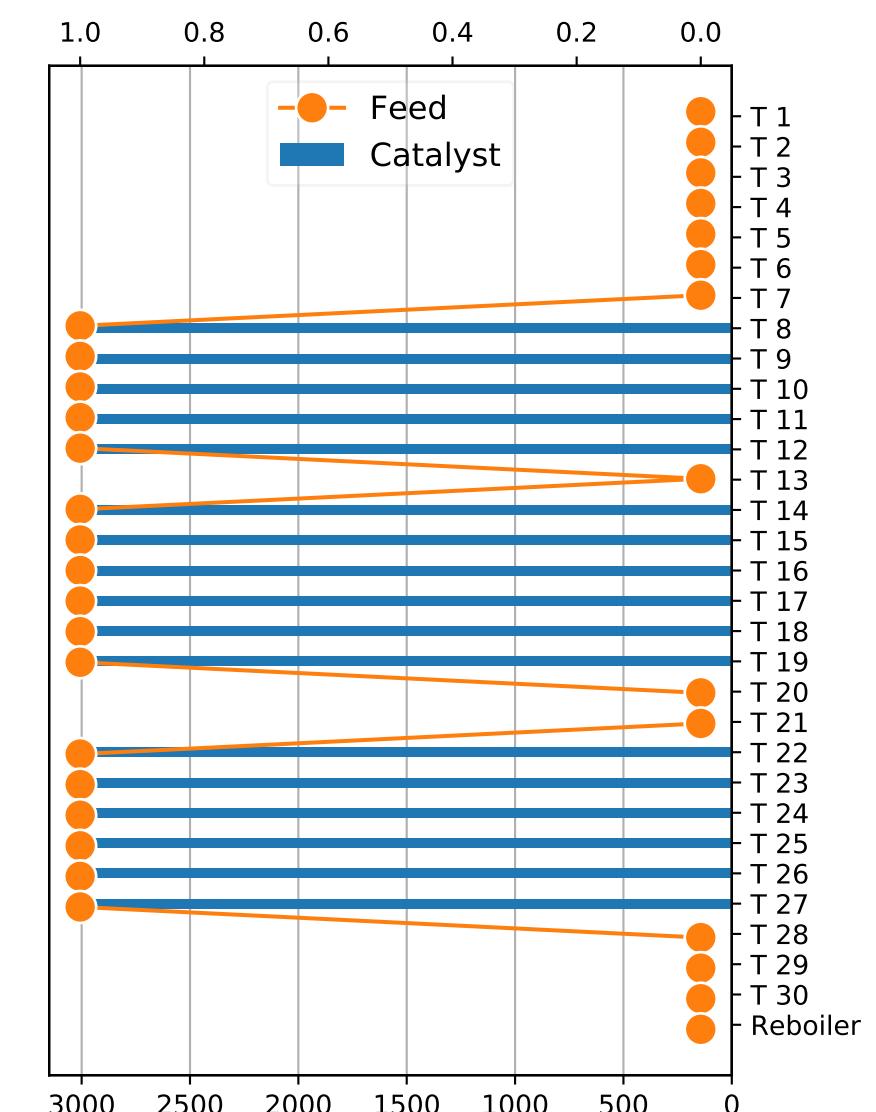
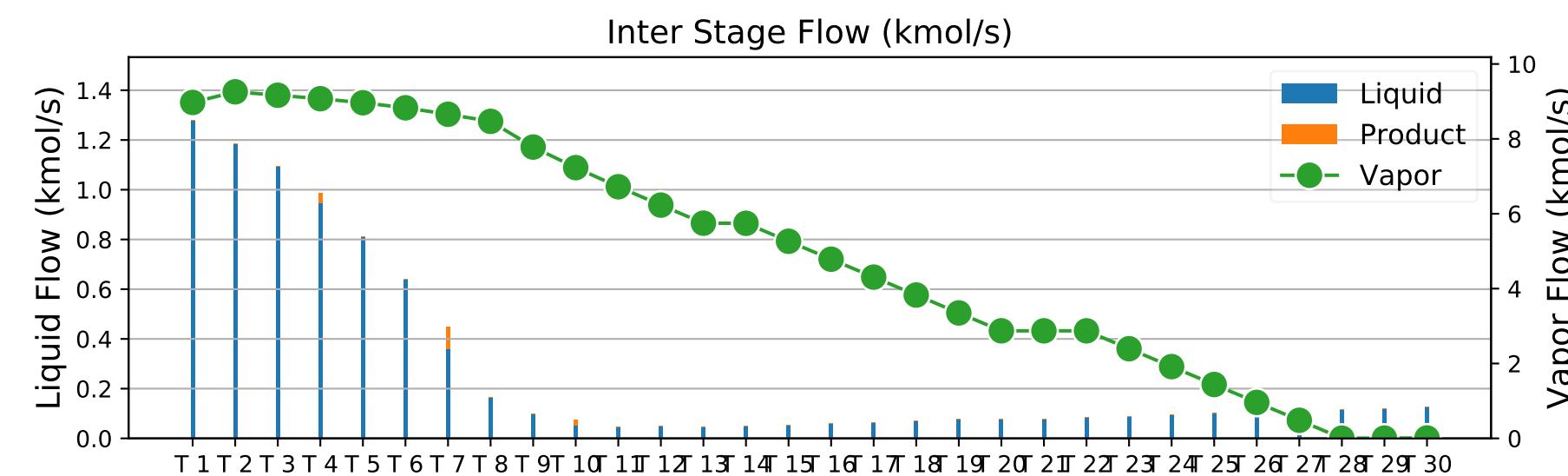
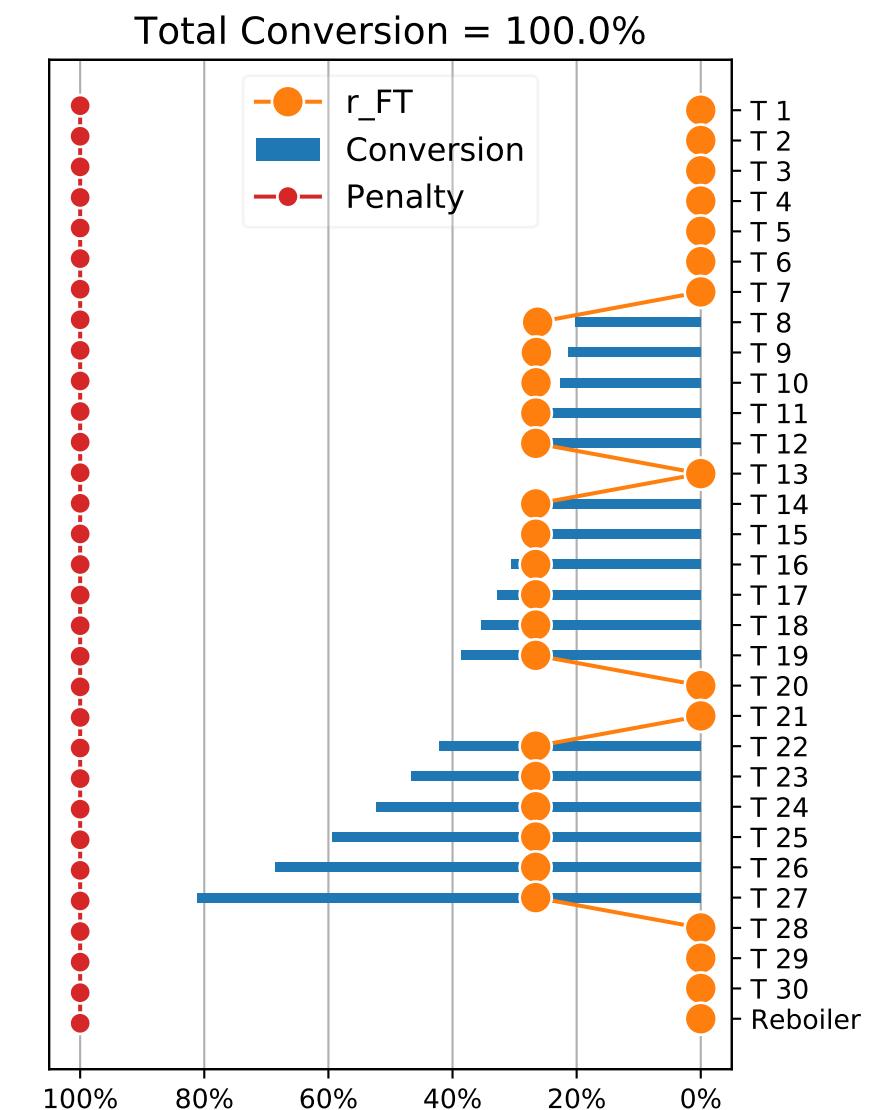
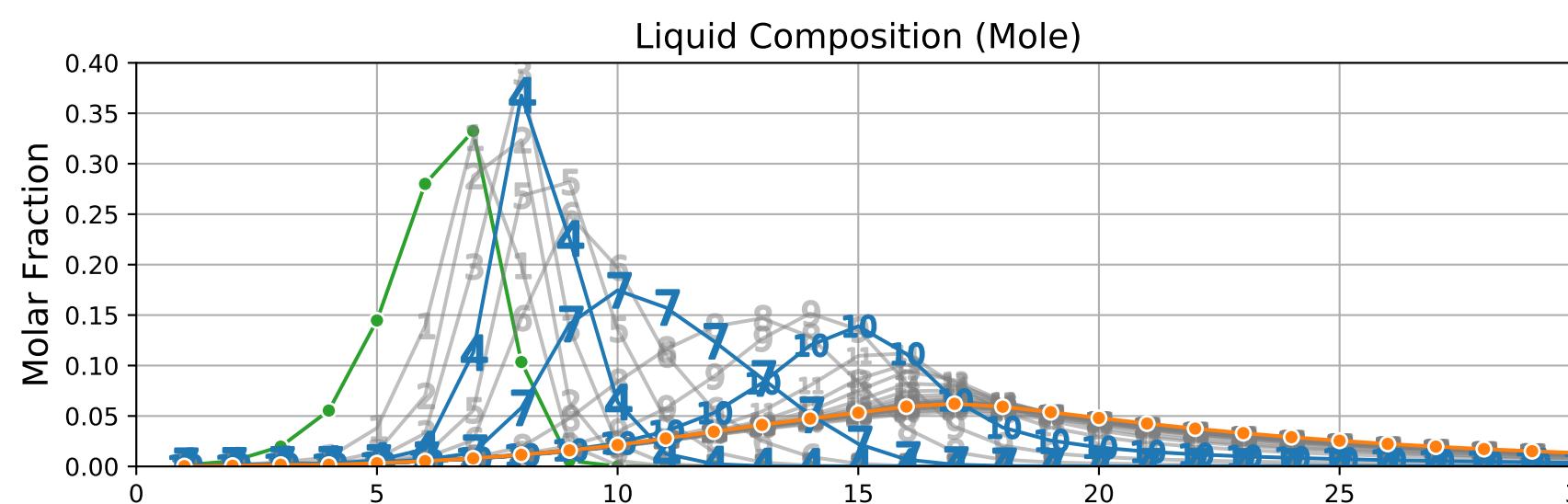
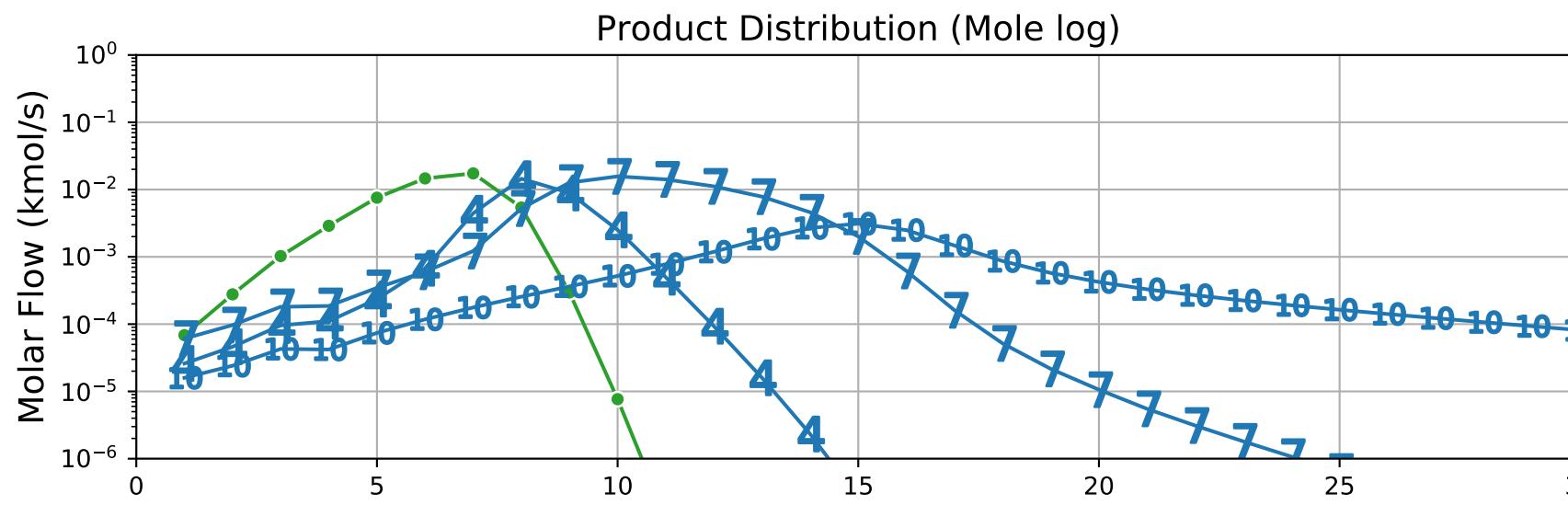
## > Non-reactive stage 6 <



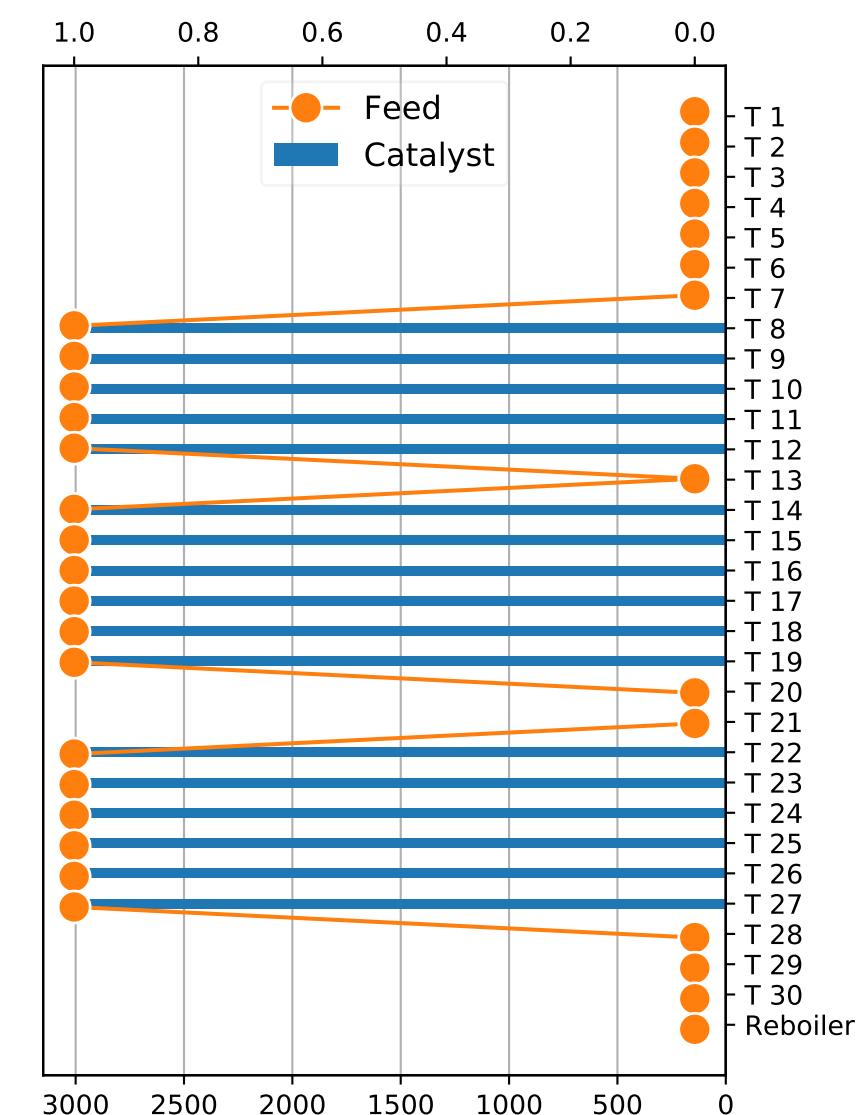
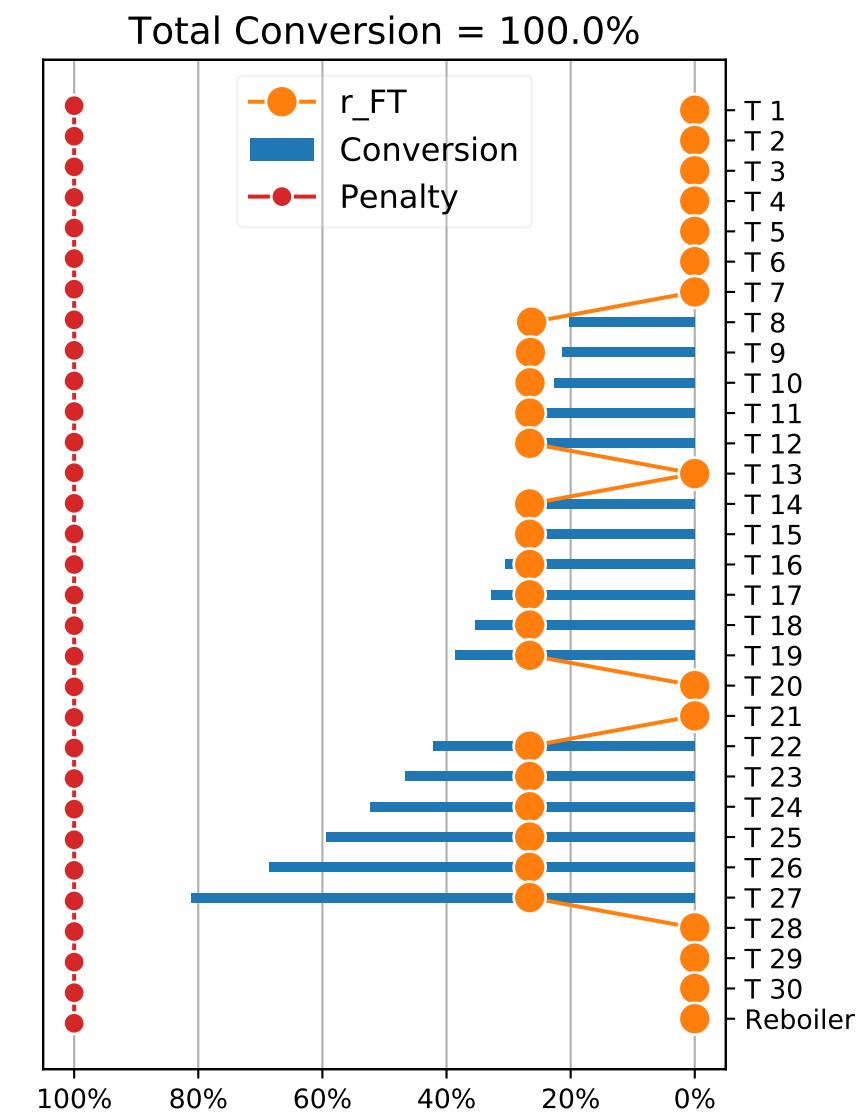
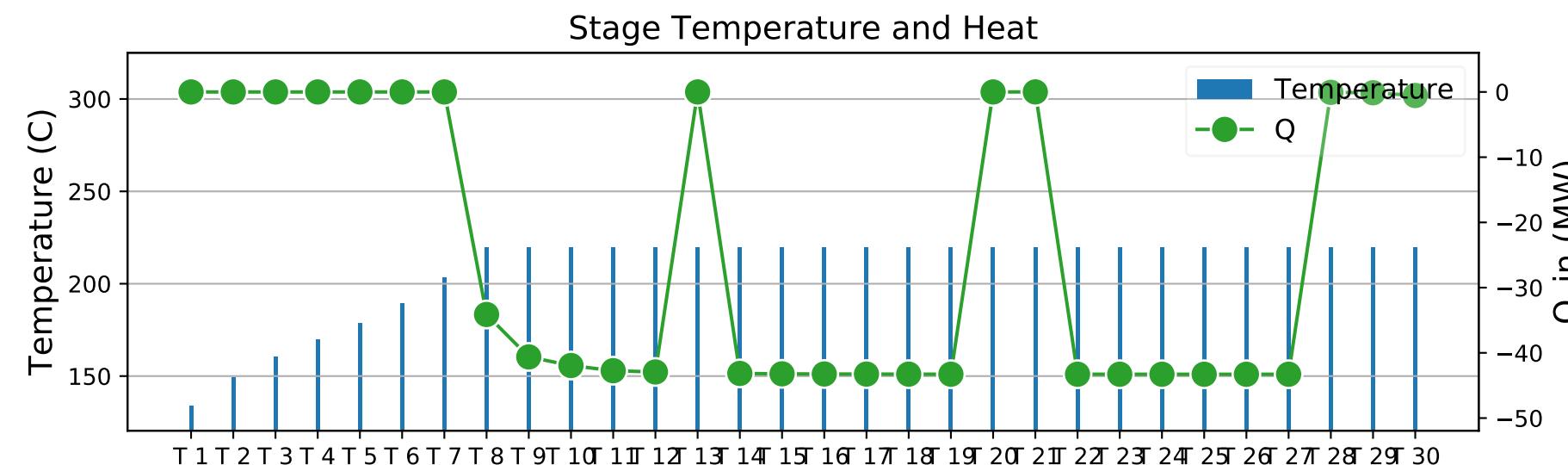
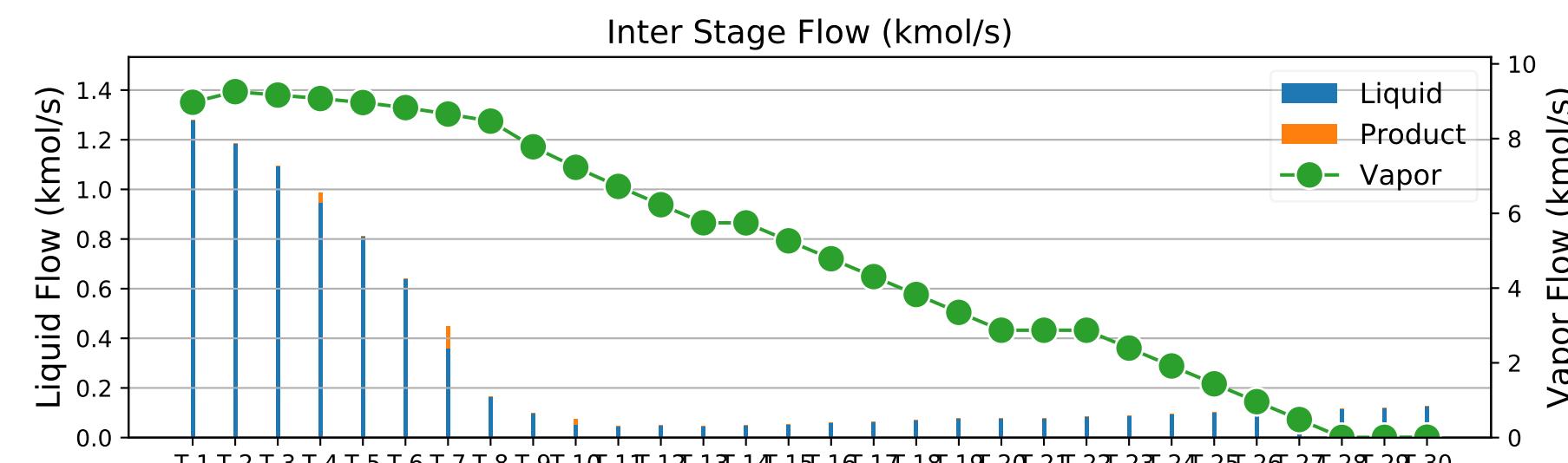
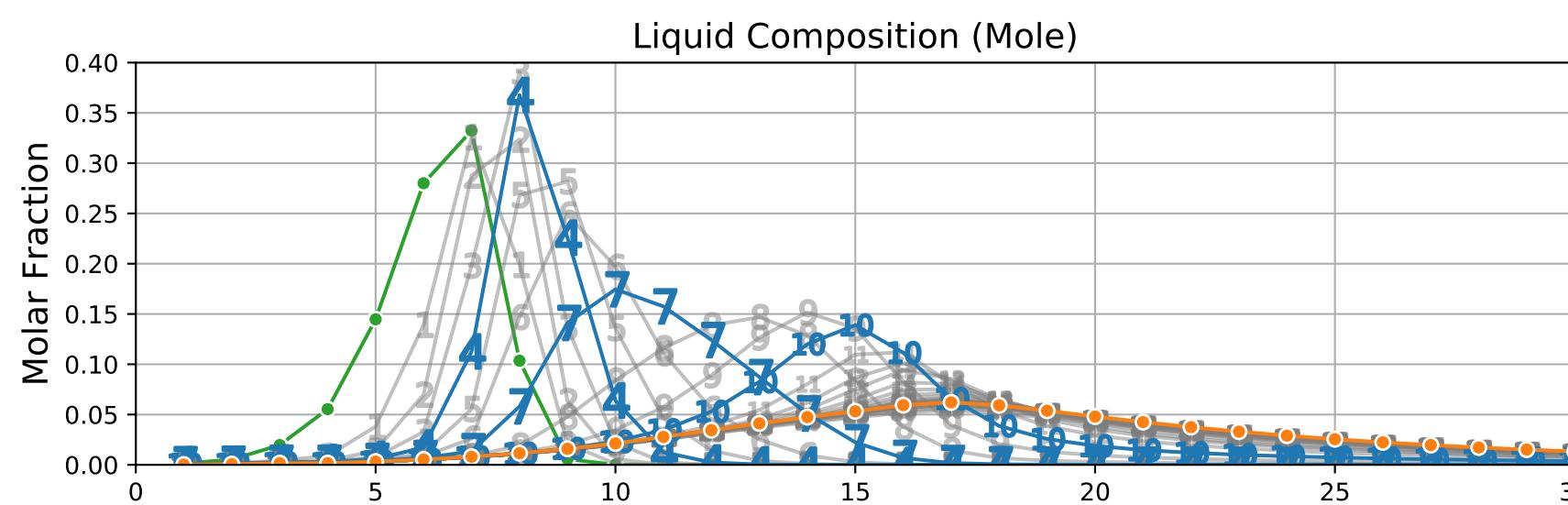
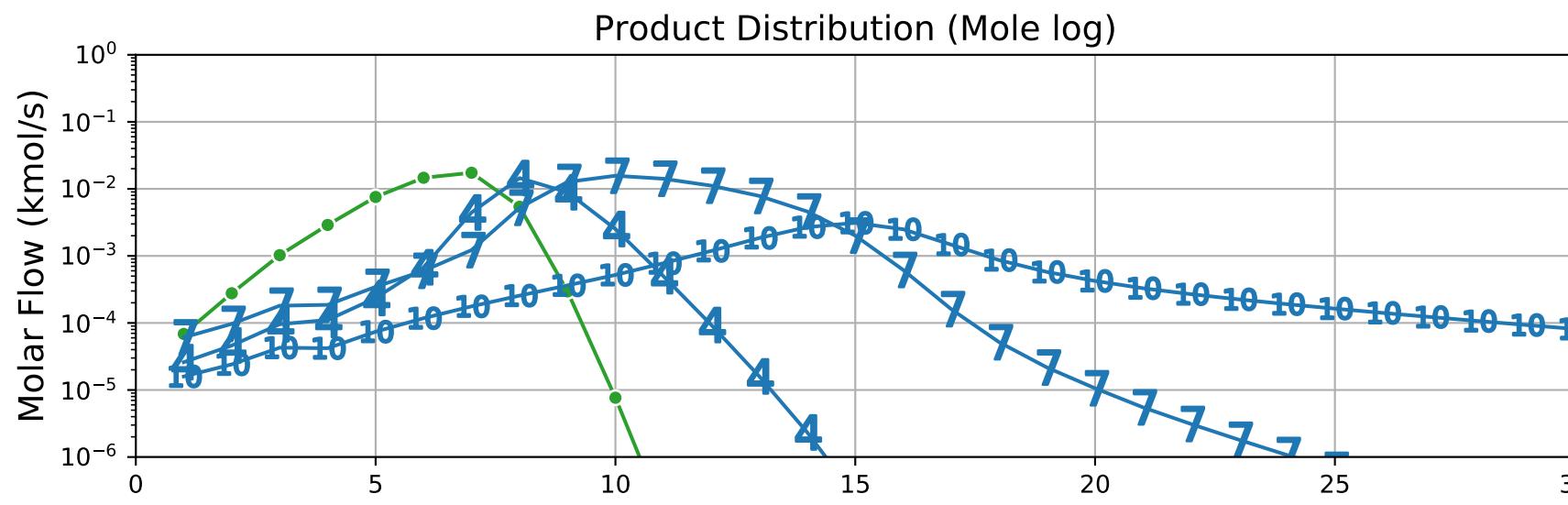
# > Non-reactive stage 7 <



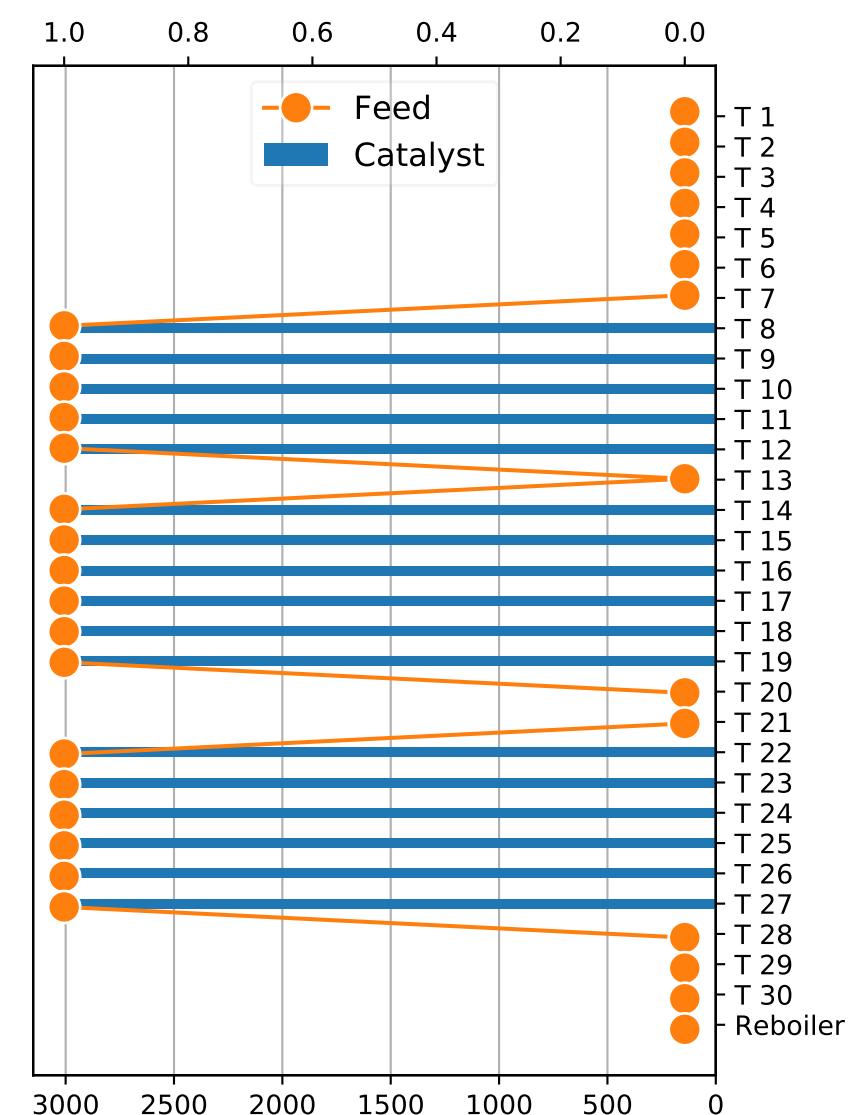
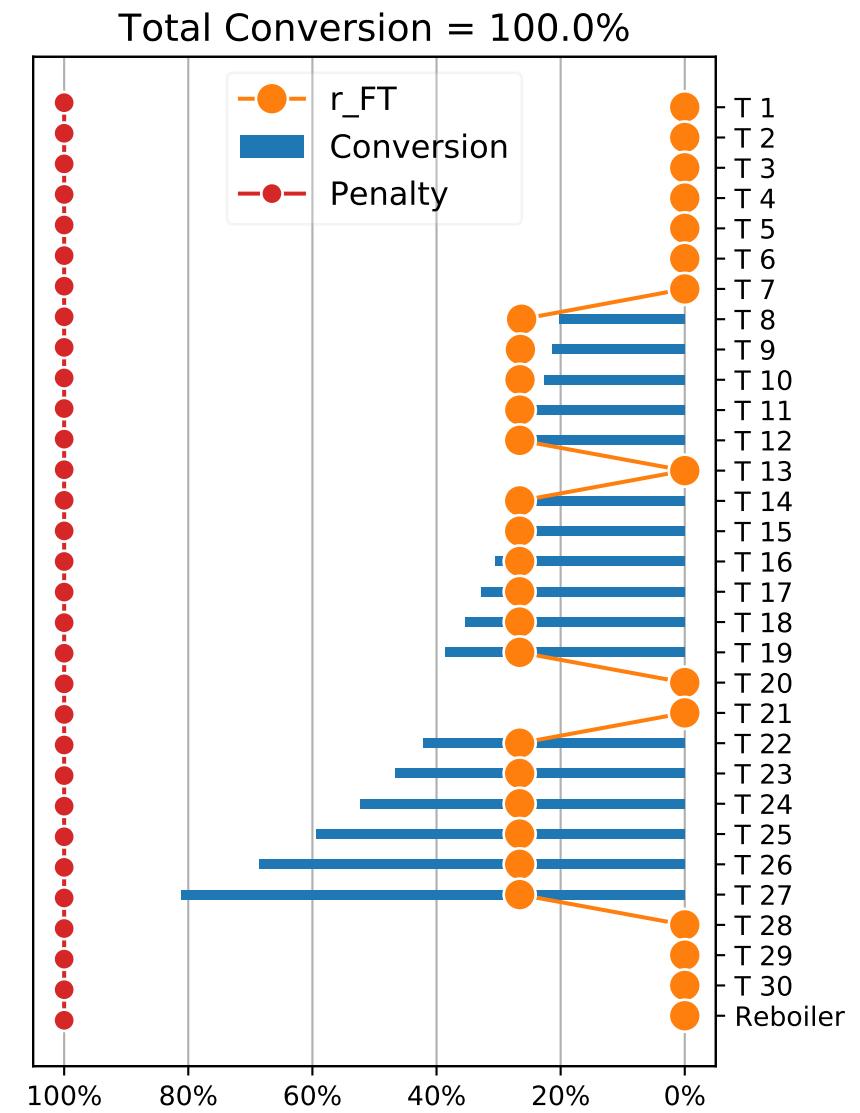
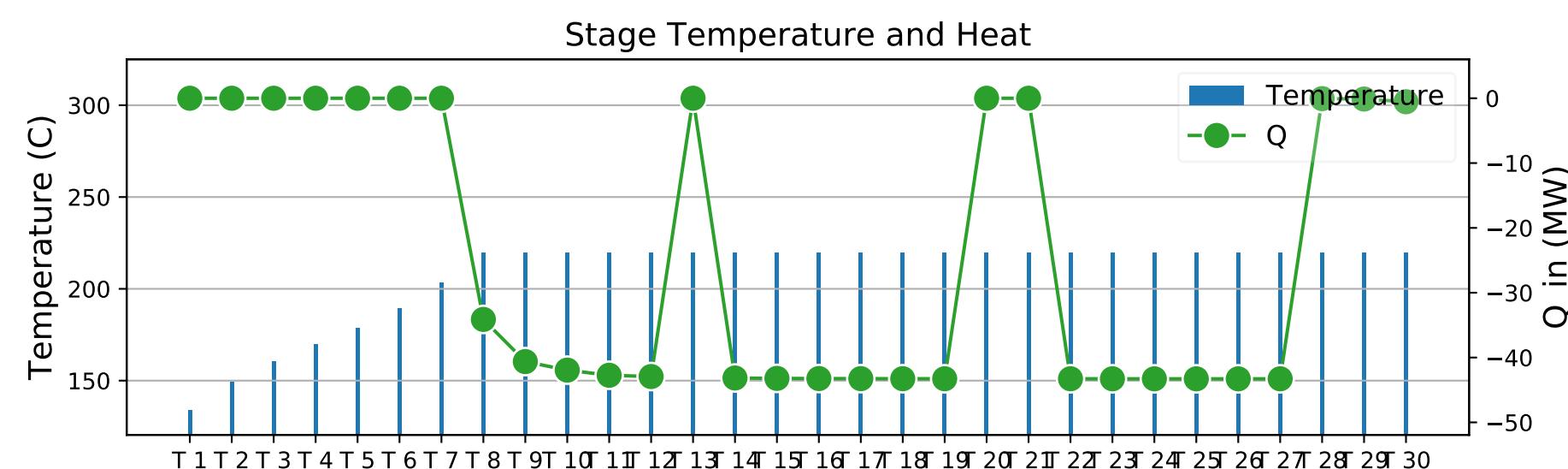
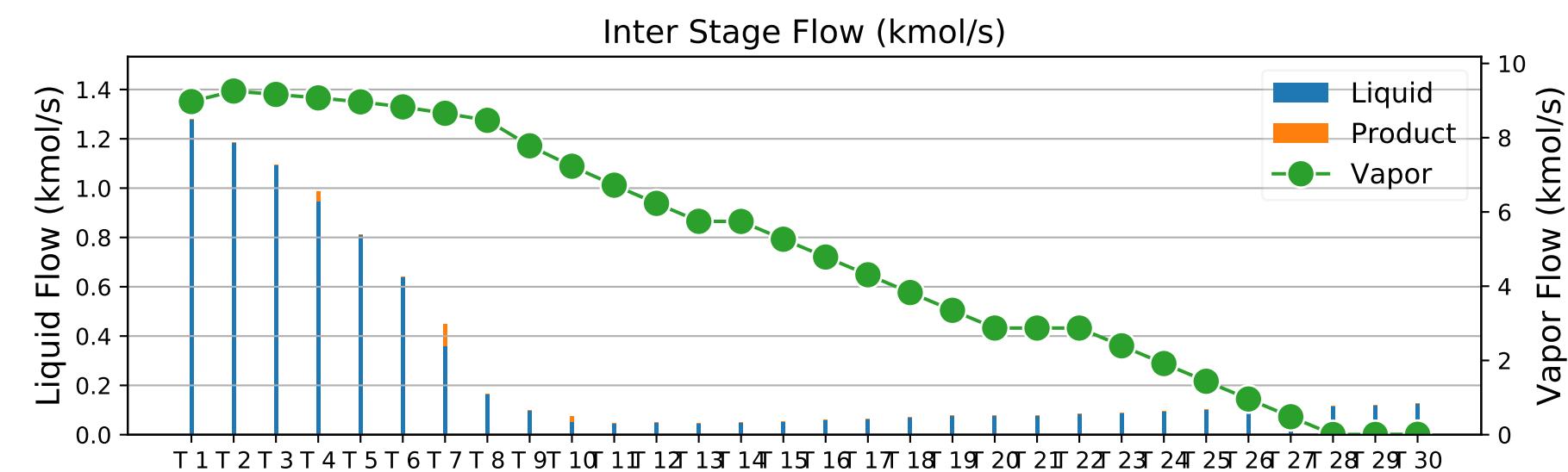
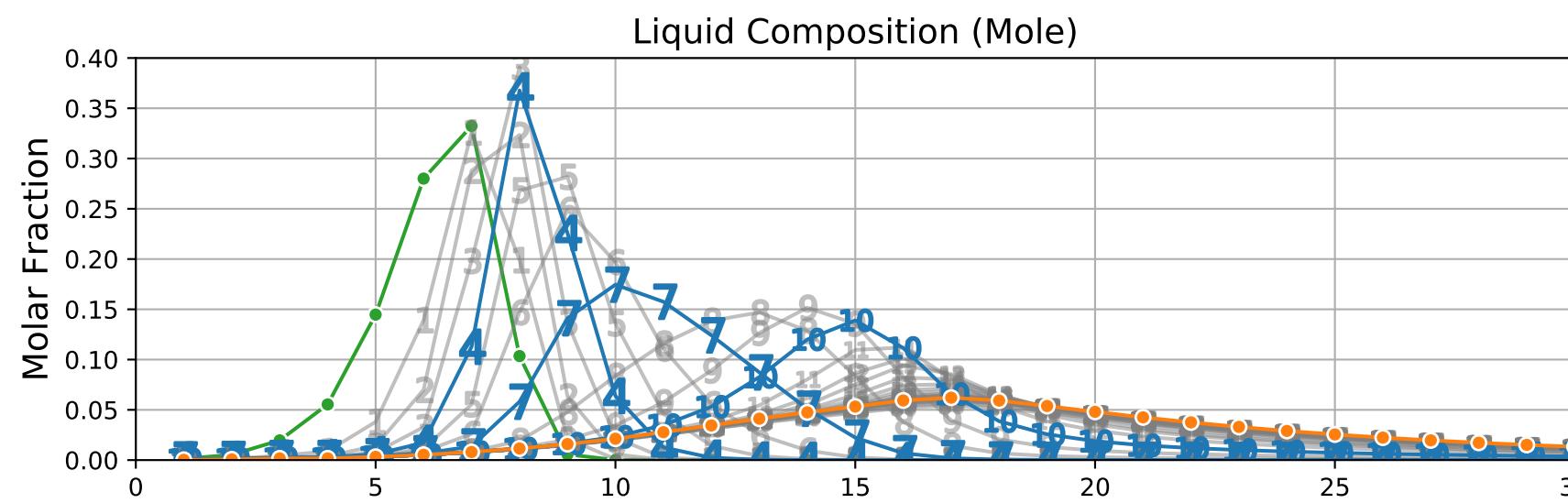
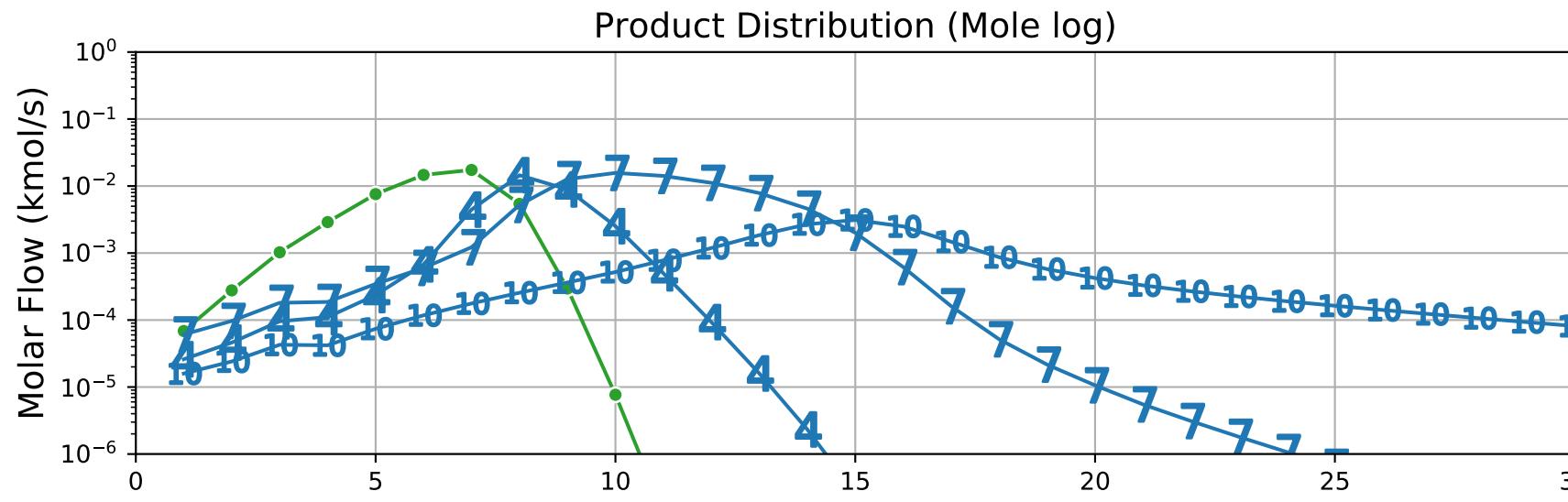
# > Non-reactive stage 13 <



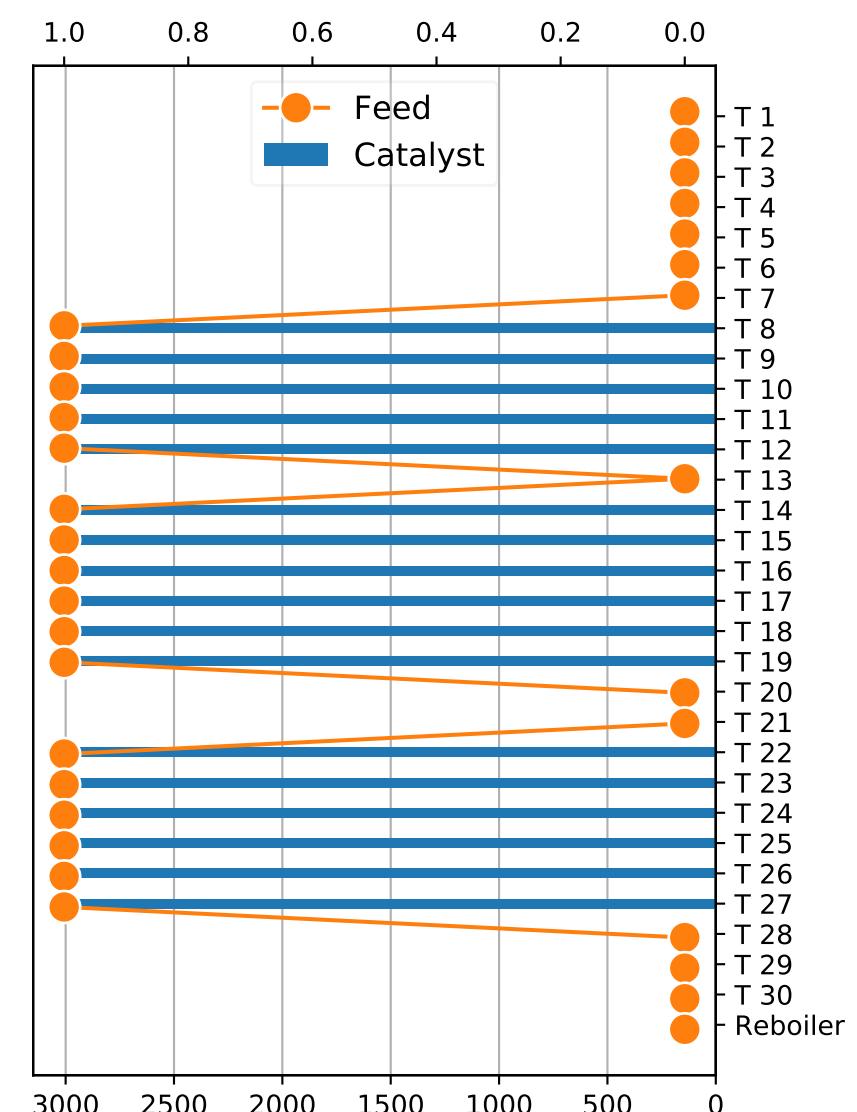
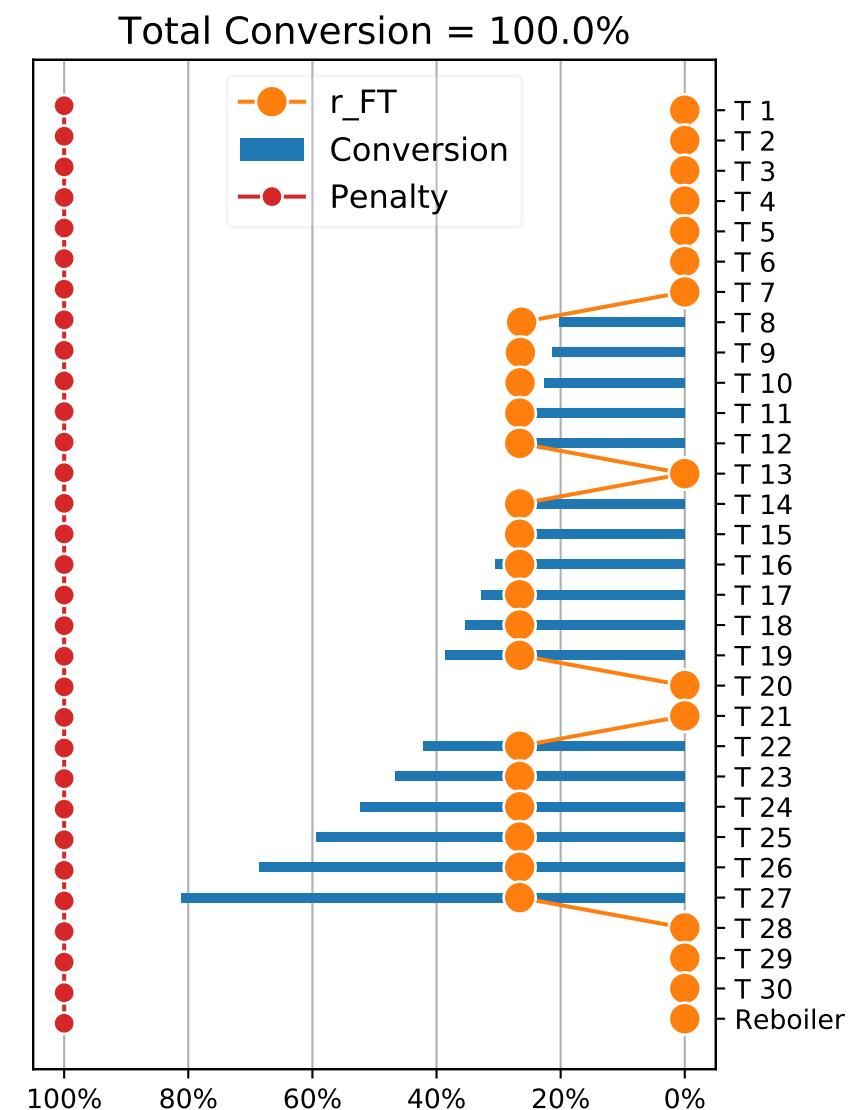
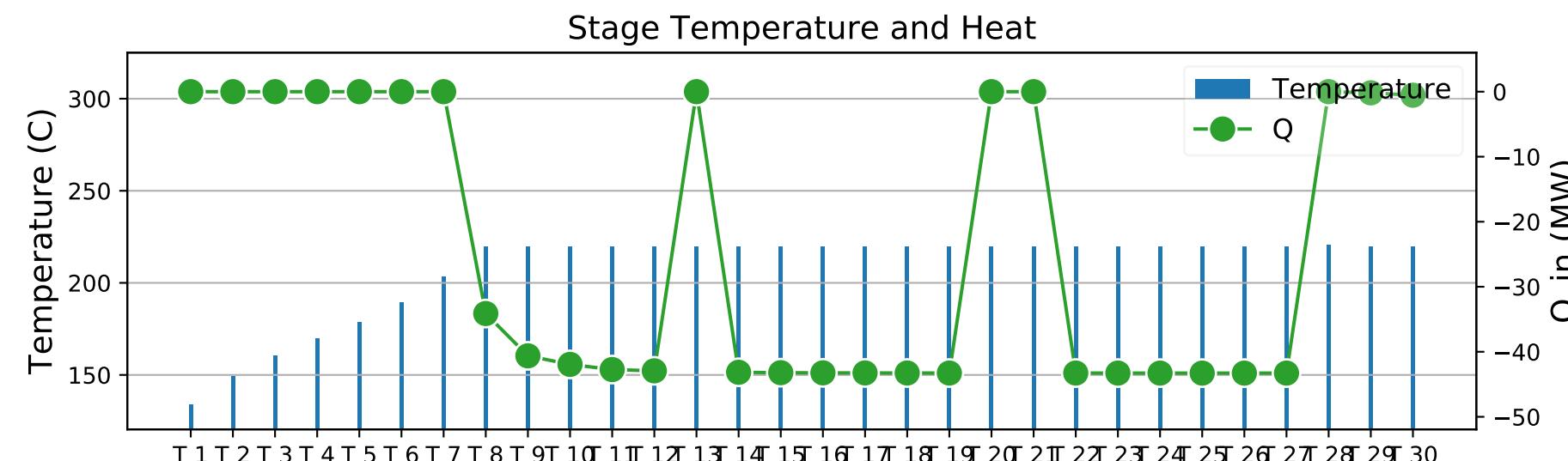
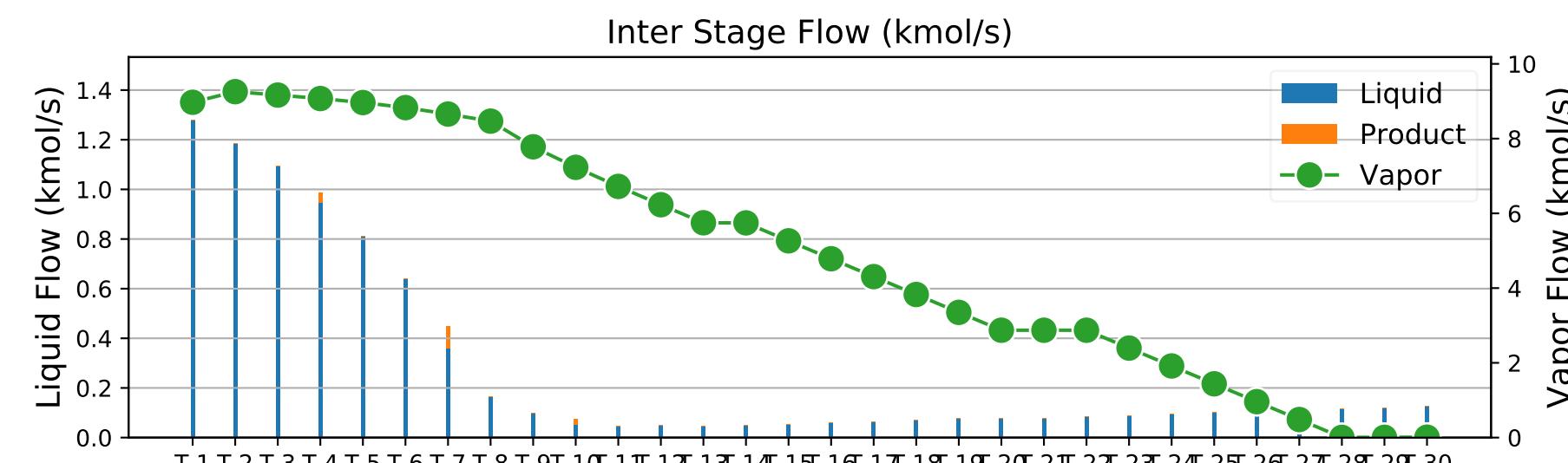
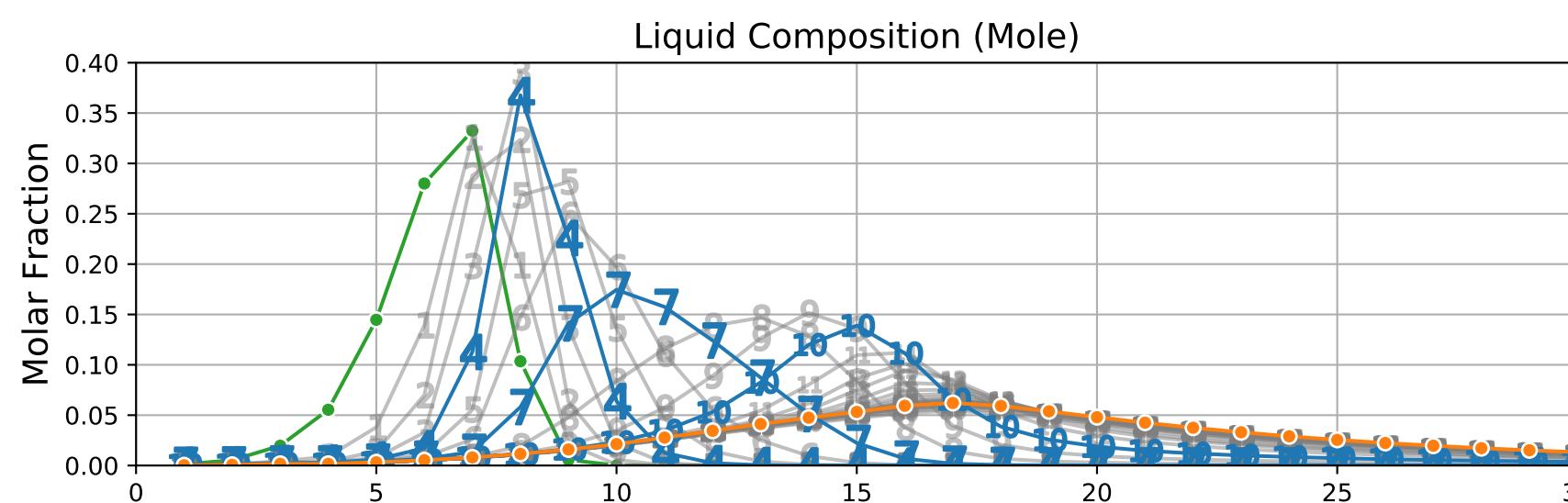
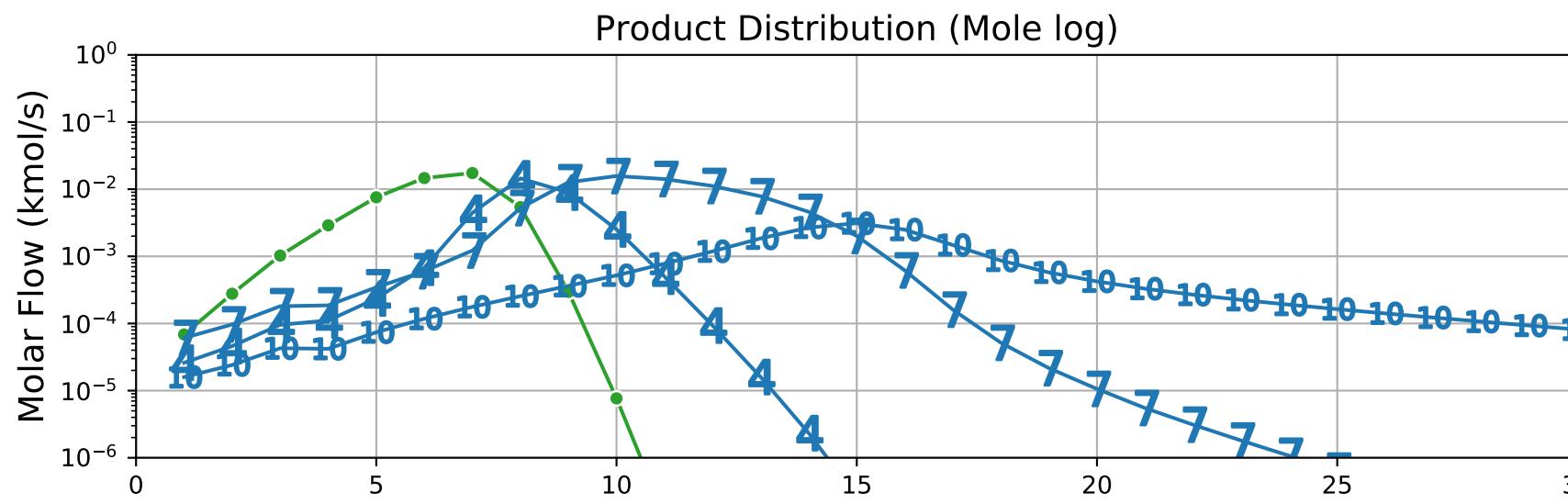
# > Non-reactive stage 20 <



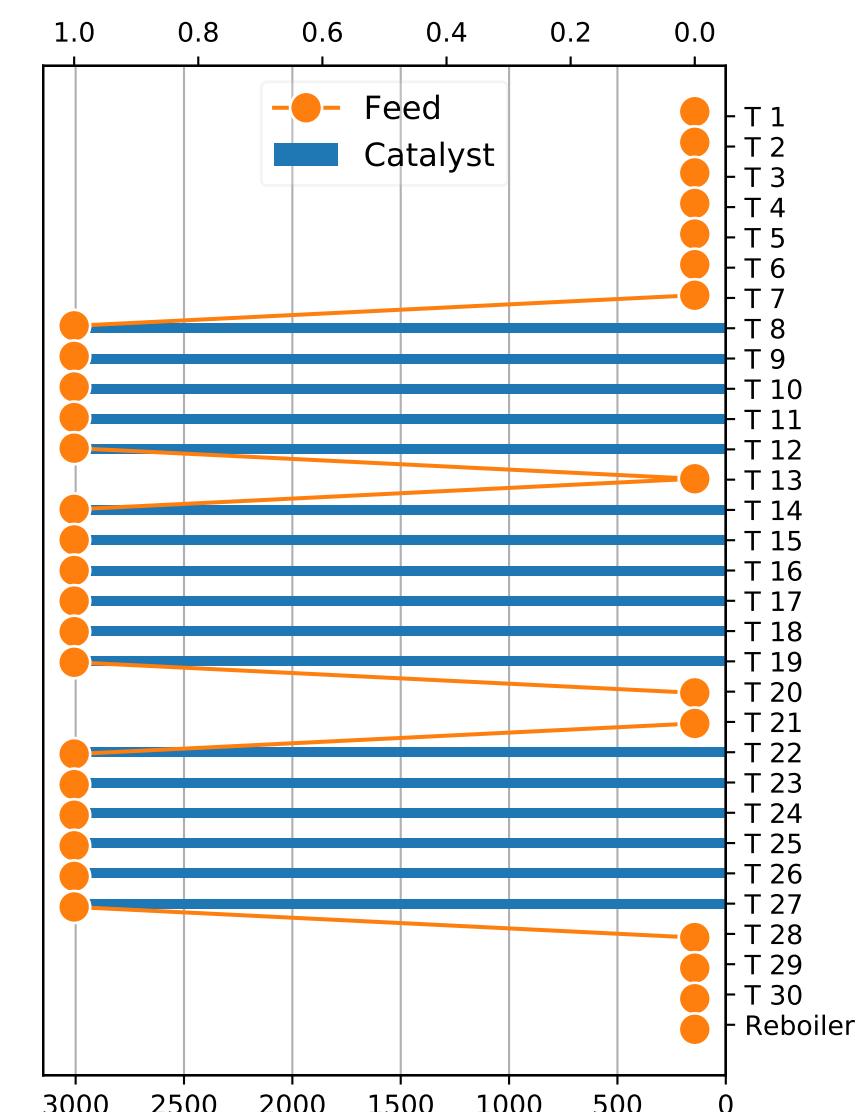
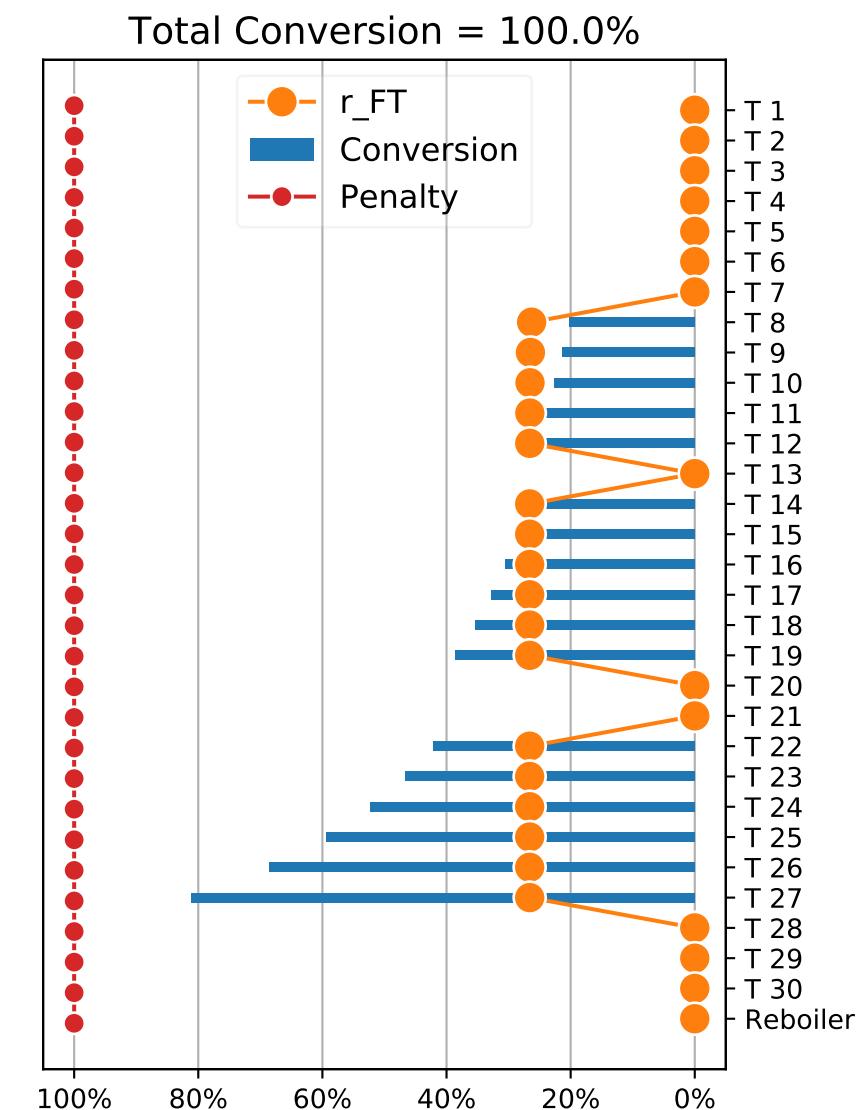
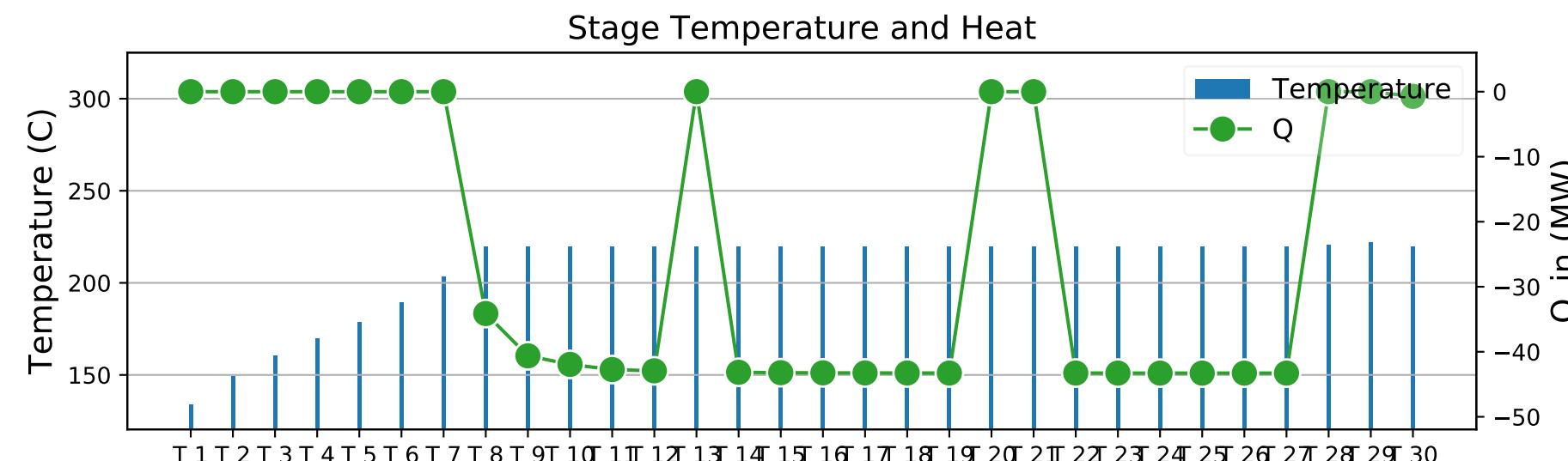
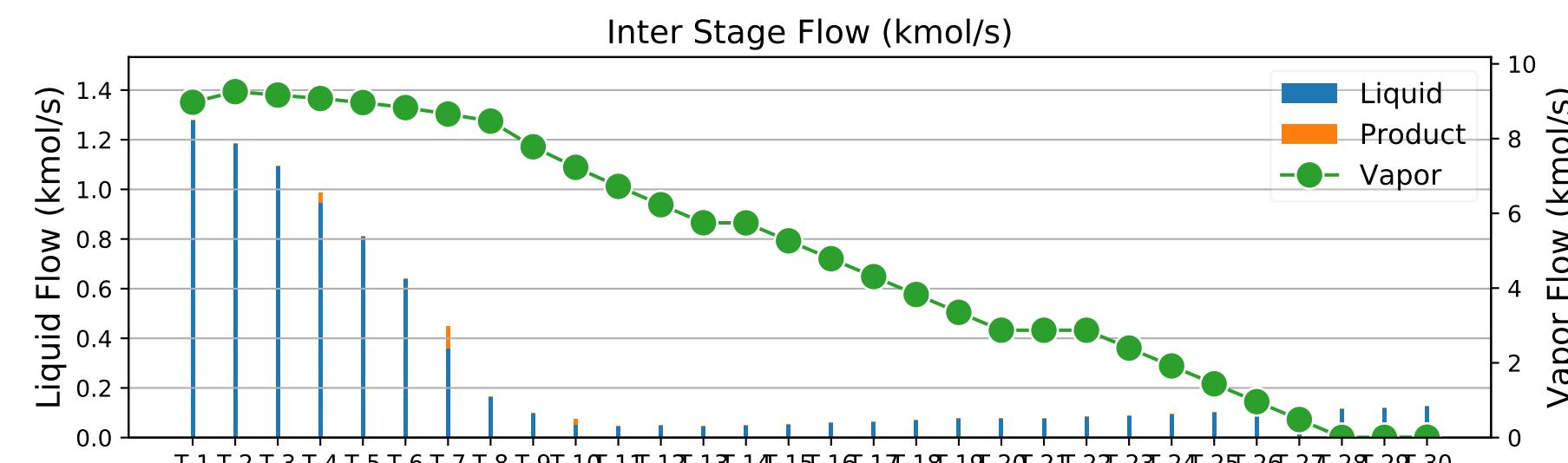
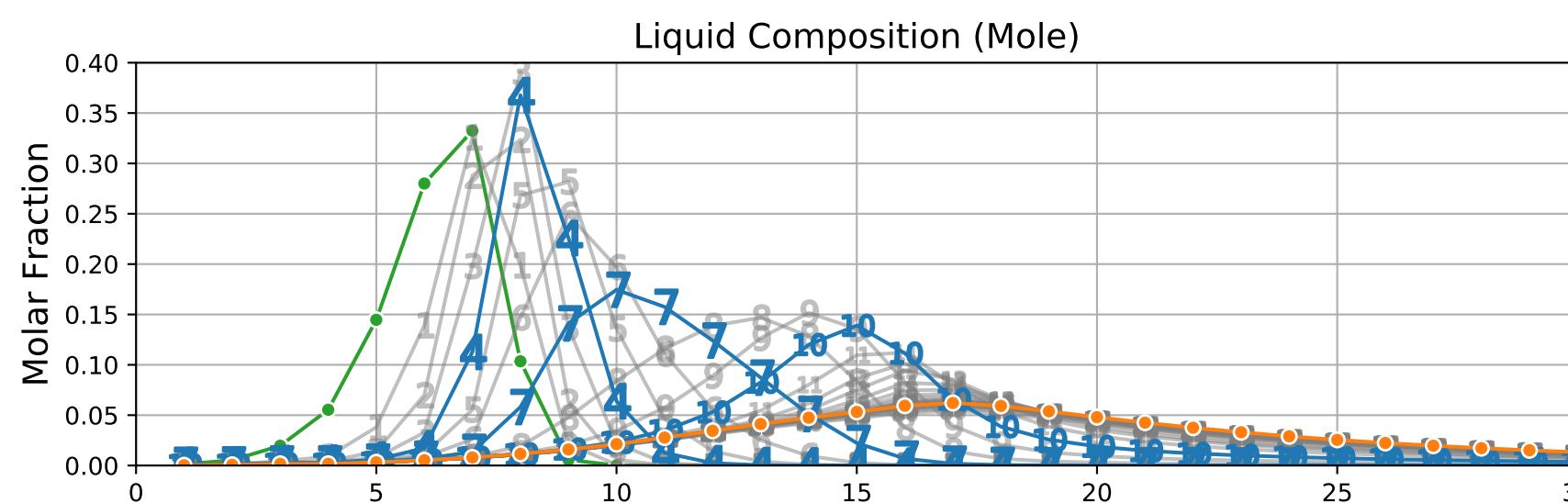
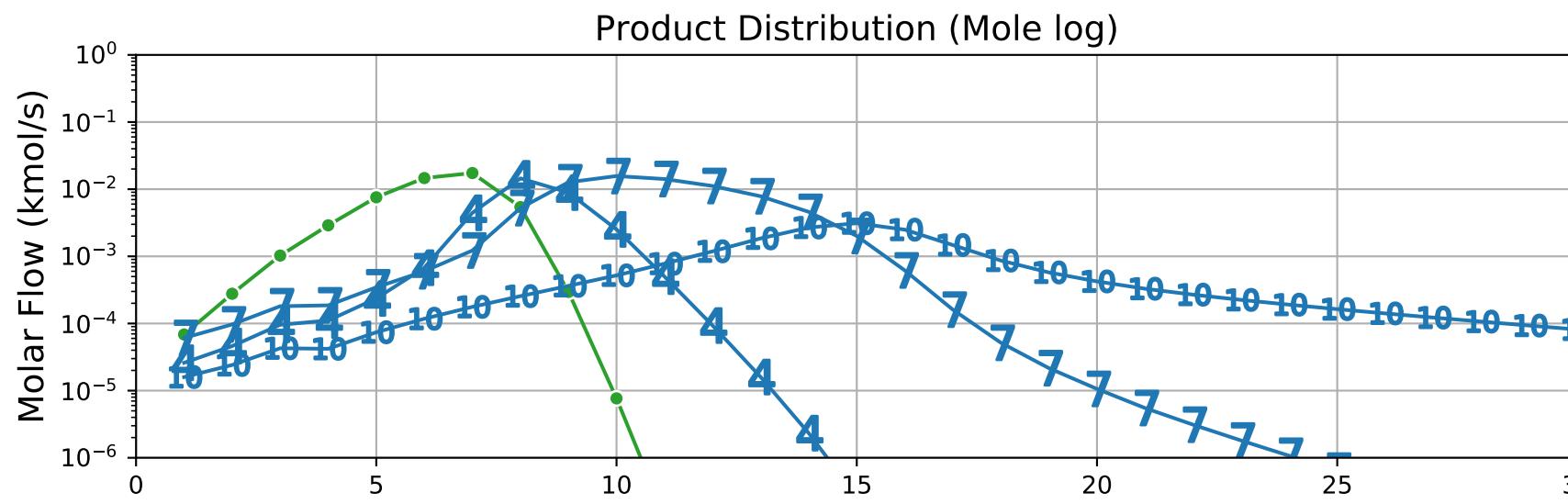
# > Non-reactive stage 21 <



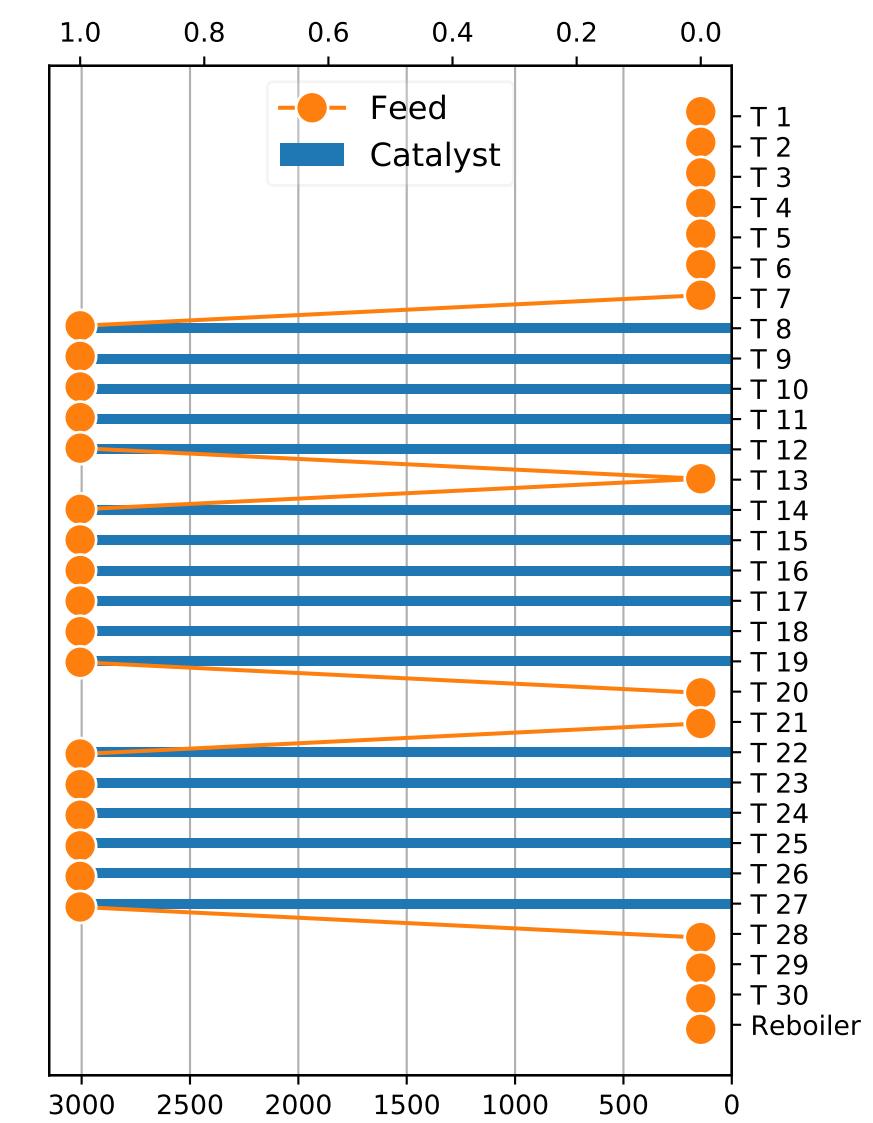
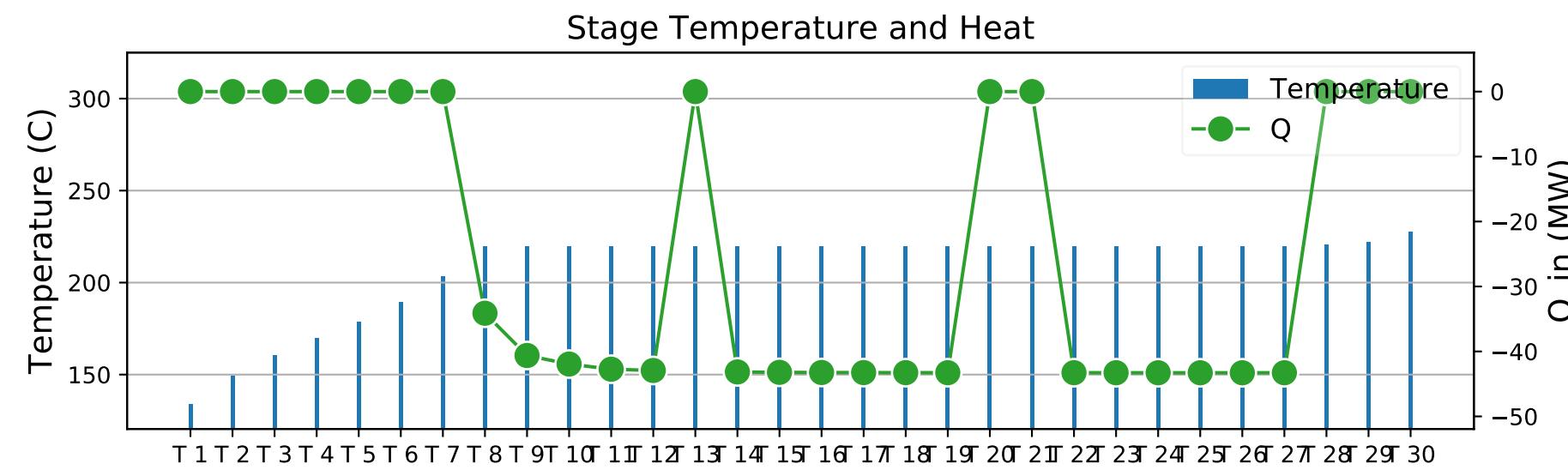
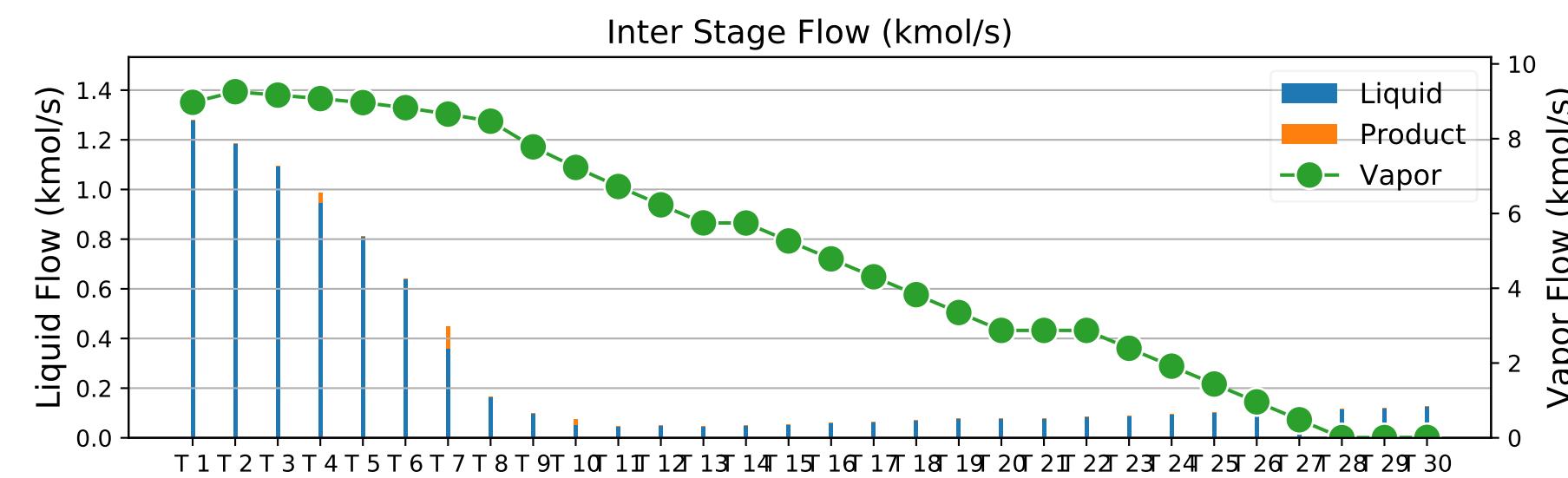
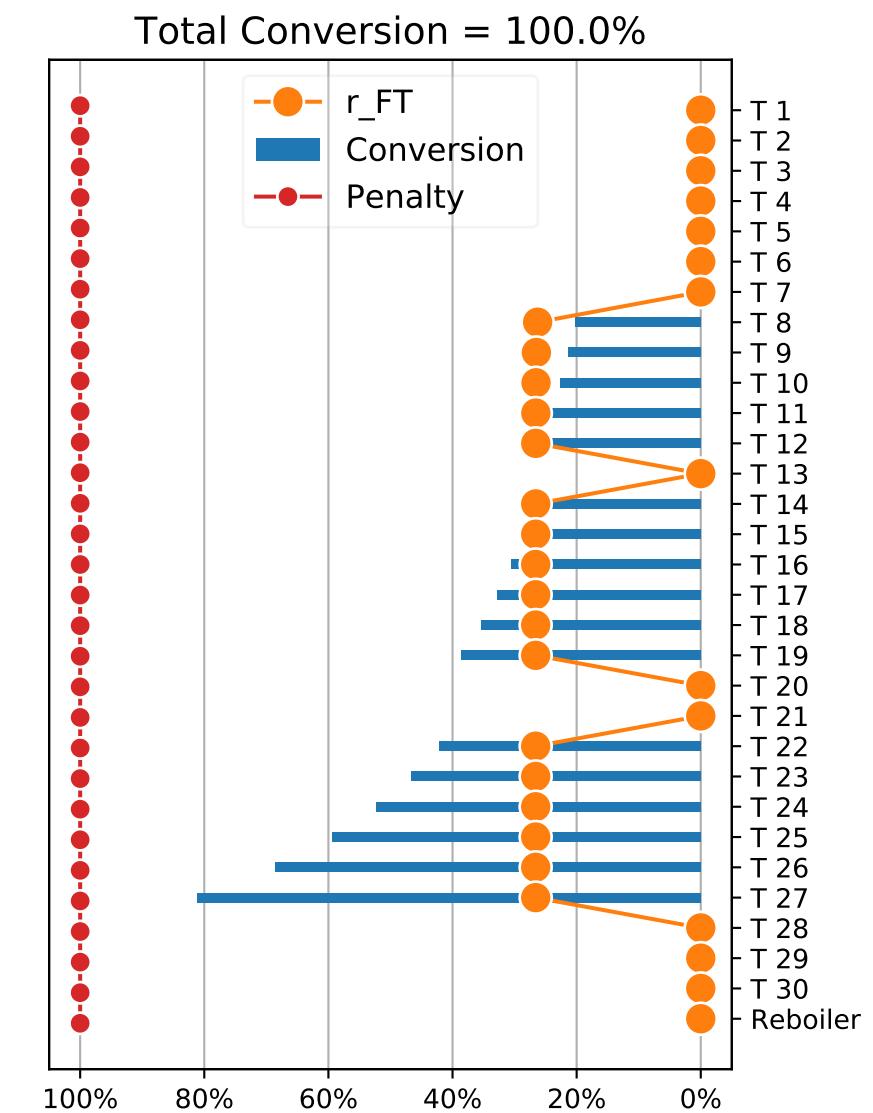
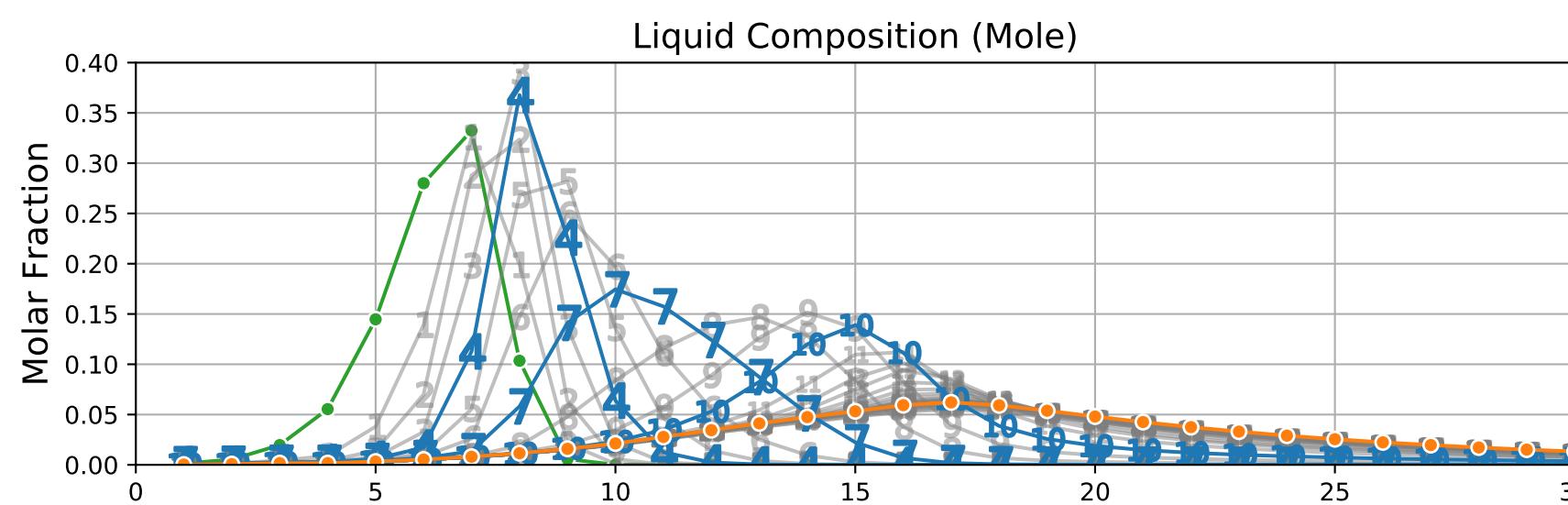
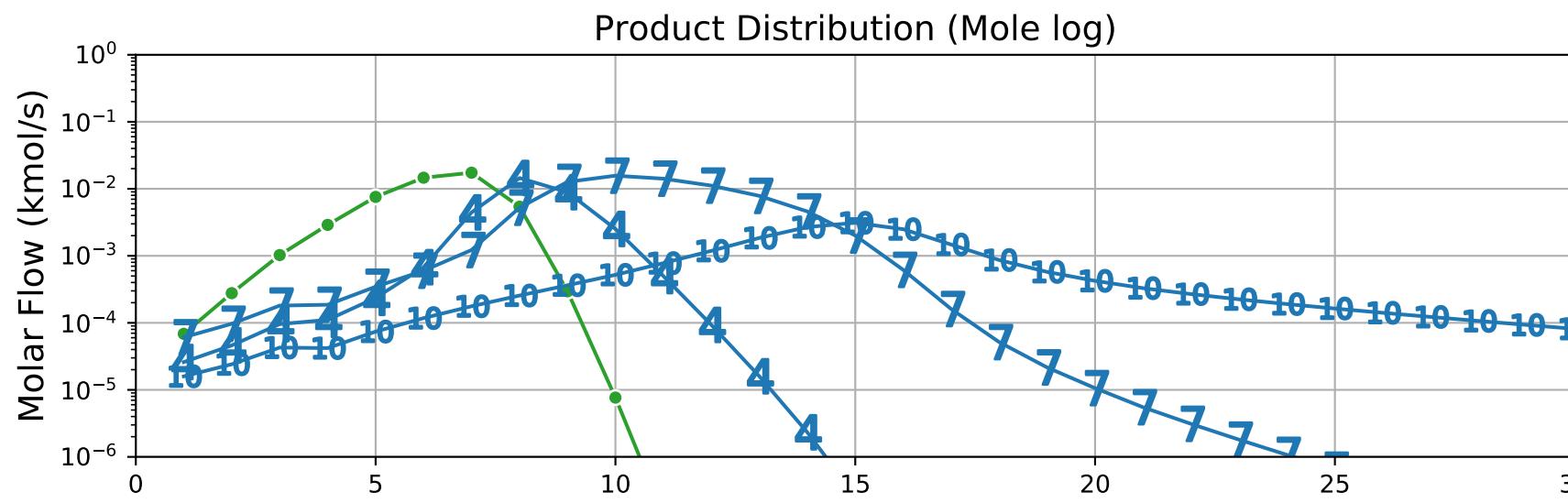
# > Non-reactive stage 28 <



# > Non-reactive stage 29 <



# > Non-reactive stage 30 <



> Finalized Stage Temperatures <

