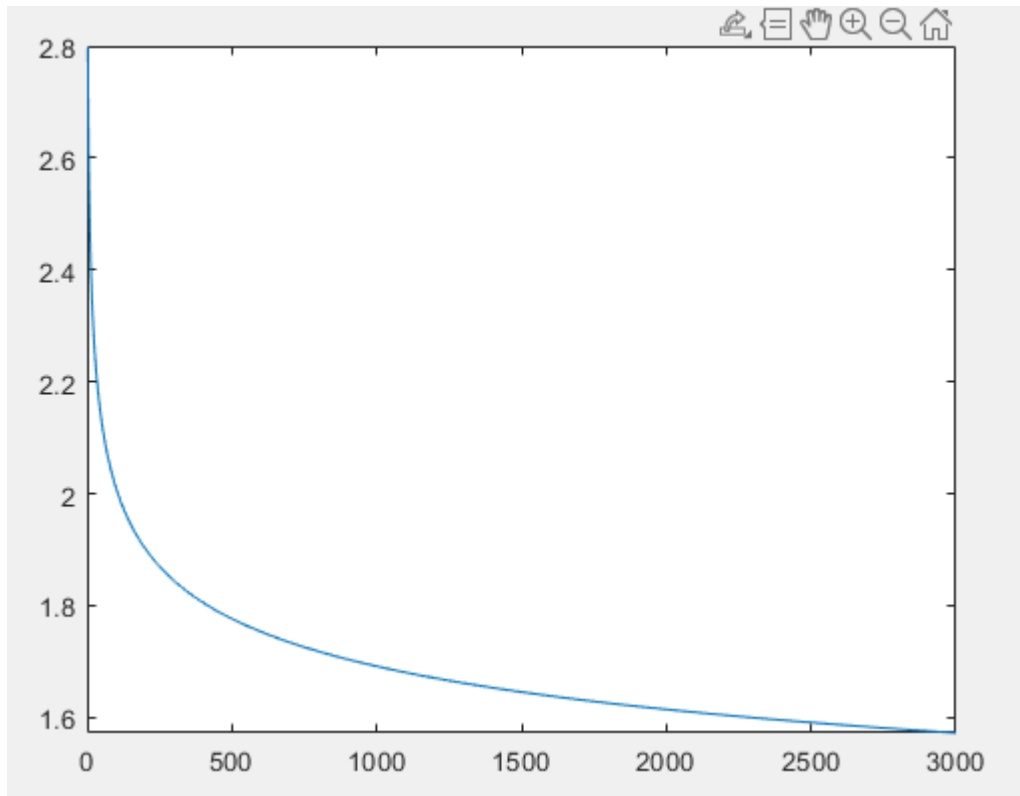


Report

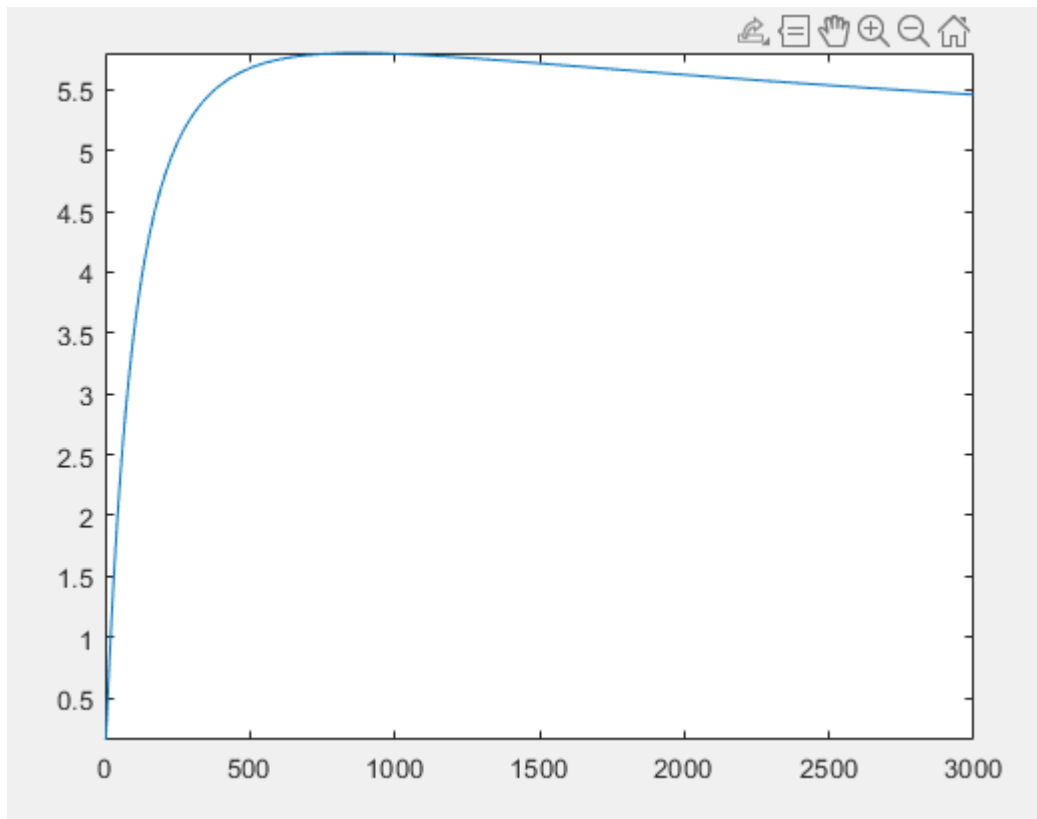
Plot 3 graphs-

Q is heat transfer rate

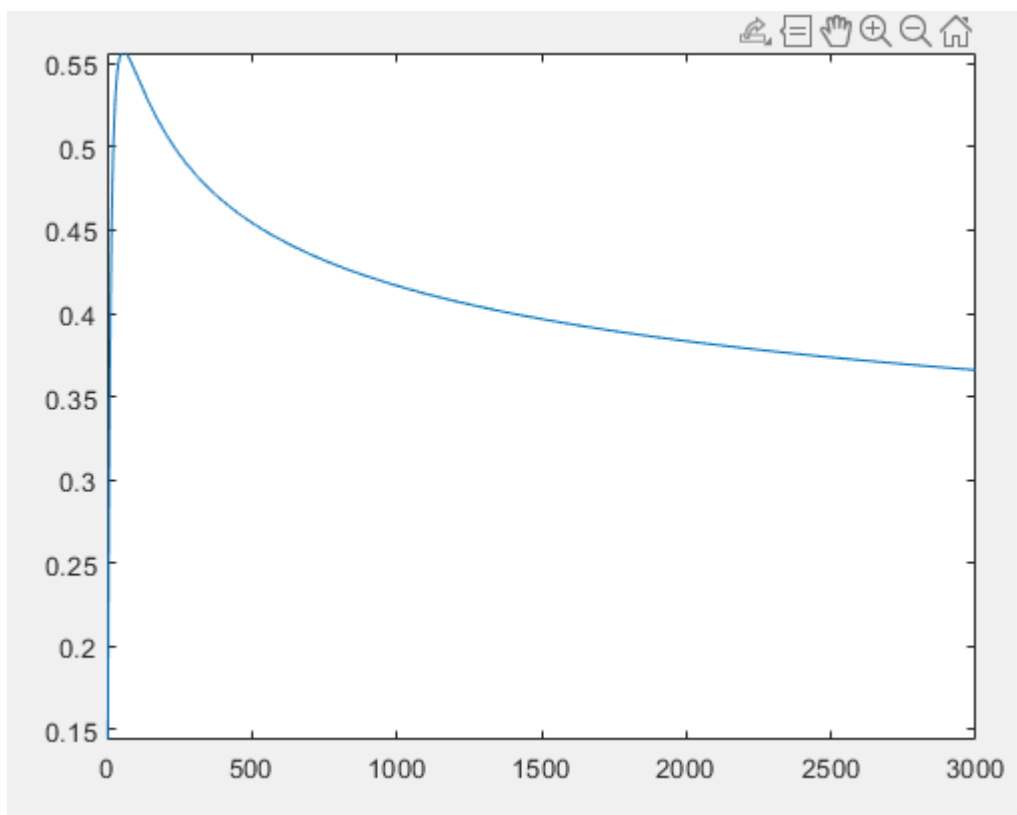
Q1-



Q2



Q3



Finally we got Q is max. for Polyethylene, for $r=0.56\text{m}$