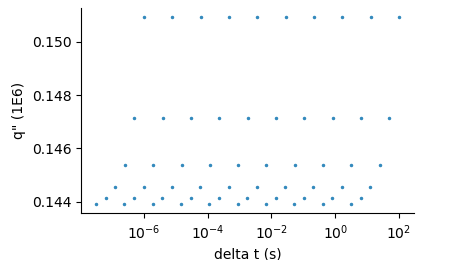
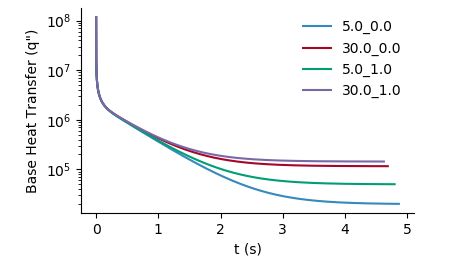
**2)** N\_Nodes 320

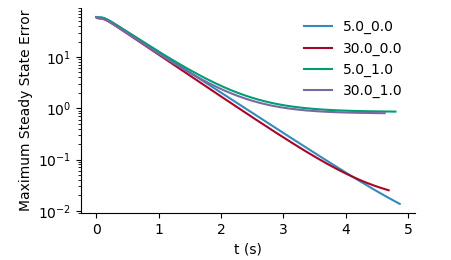
delta\_t = dxdt\*rod\_L/N\_node = 3.125E-5

where dxdt = 1



**3)**



4) Maximum steady state error as compared to the analytical only went down to 10^-2.

Legend: h\_epsilon

