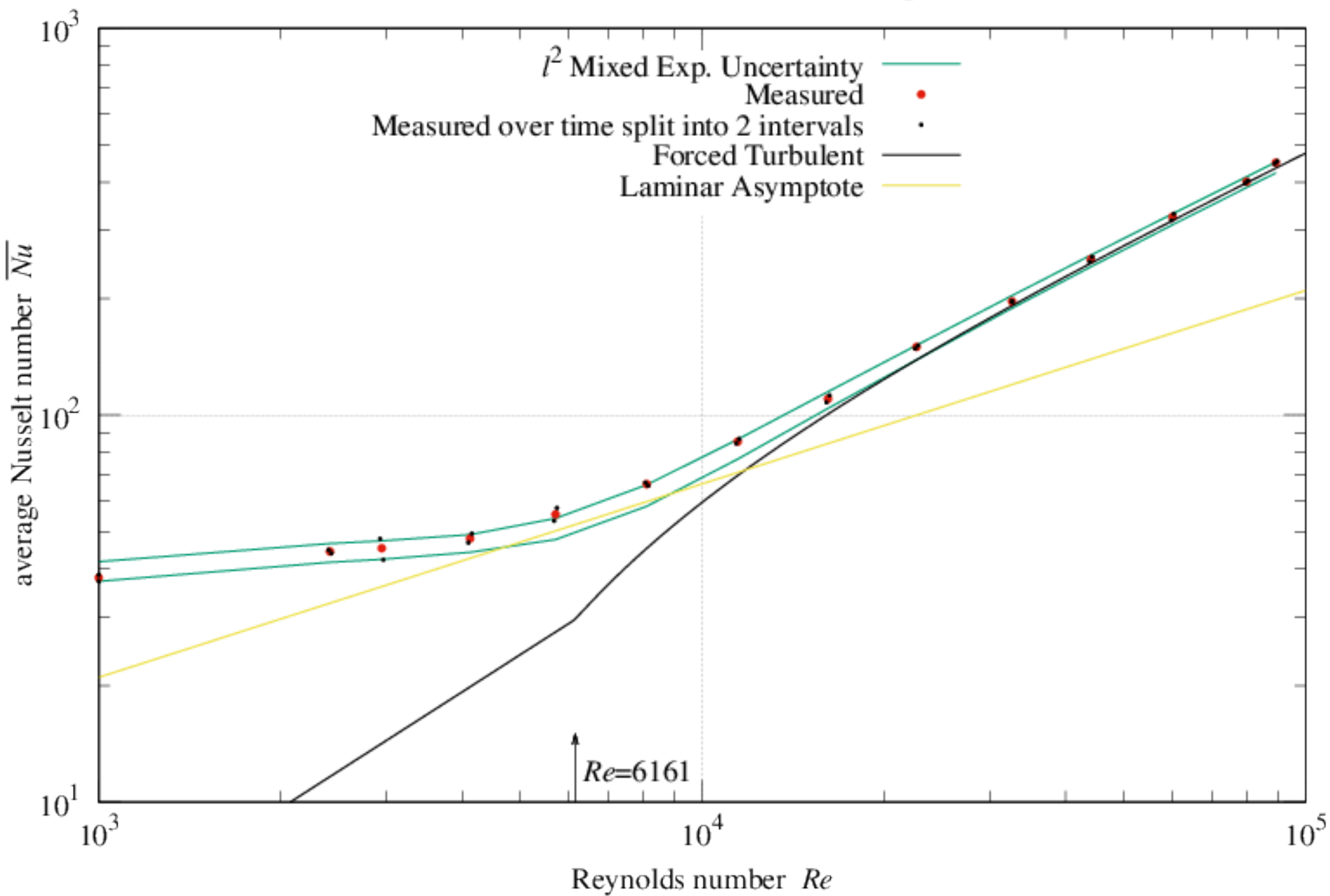
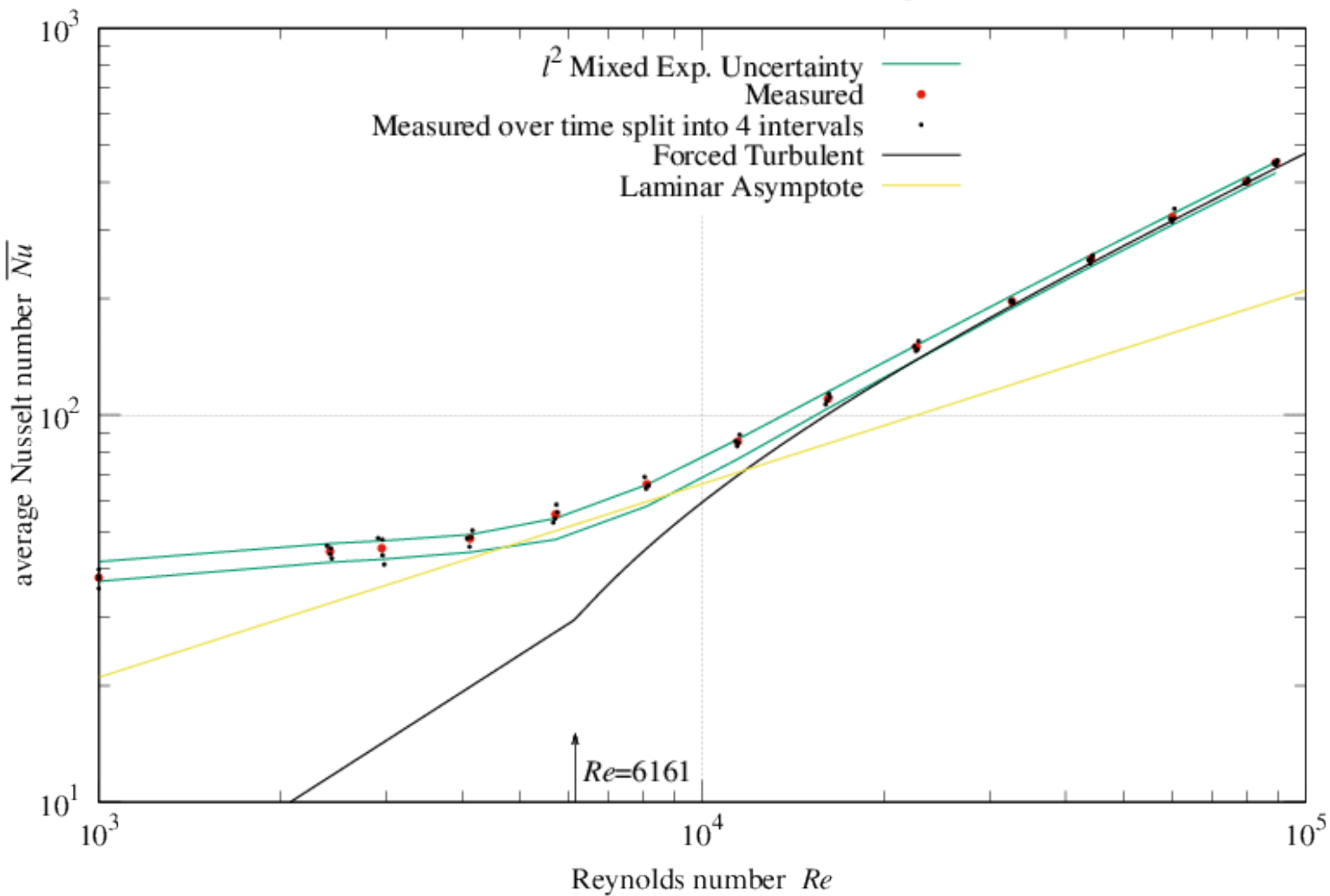


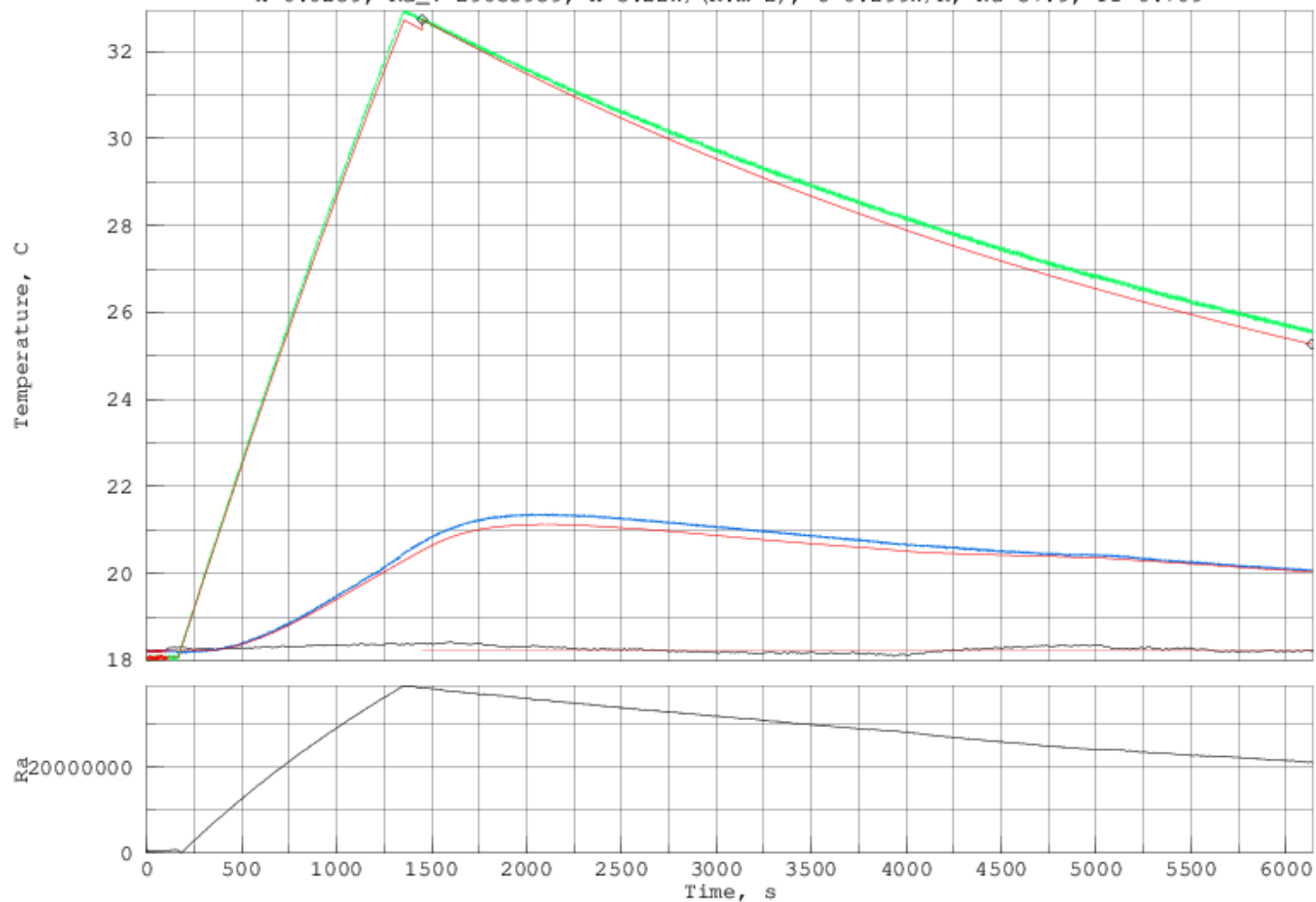
Mixed Convection from Vertical Plate, 1mm Roughness, $\Delta T=11\text{K}$



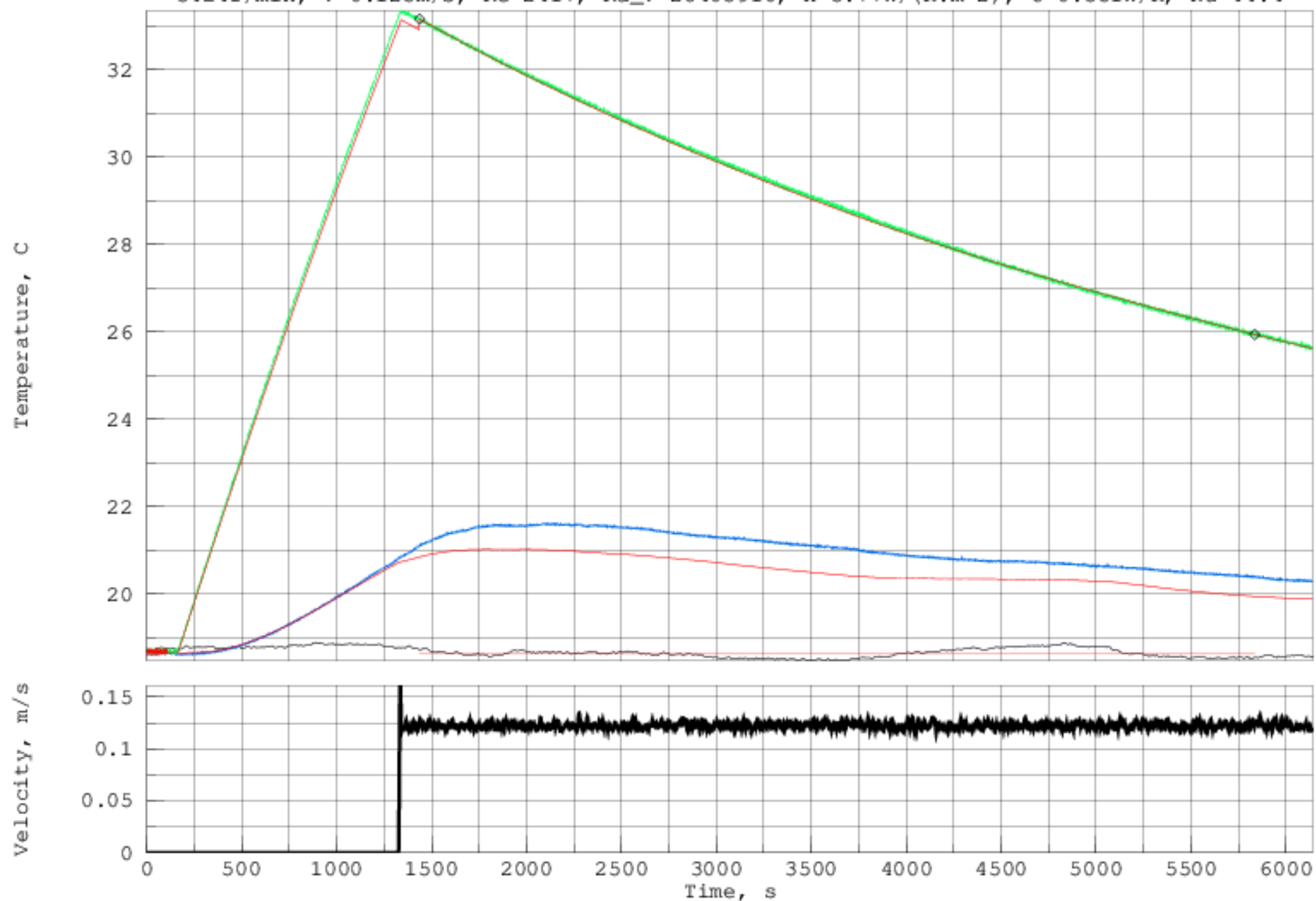
Mixed Convection from Vertical Plate, 1mm Roughness, $\Delta T=11\text{K}$



20180617T013927Z - mixed Convection - Roughness=1.13mm; T=18.2+10.4°C; +0.00°
k=0.0259, Ra_V=29035939, h=3.22W/(K.m^2), U=0.299W/K, Nu=37.9, Pr=0.709

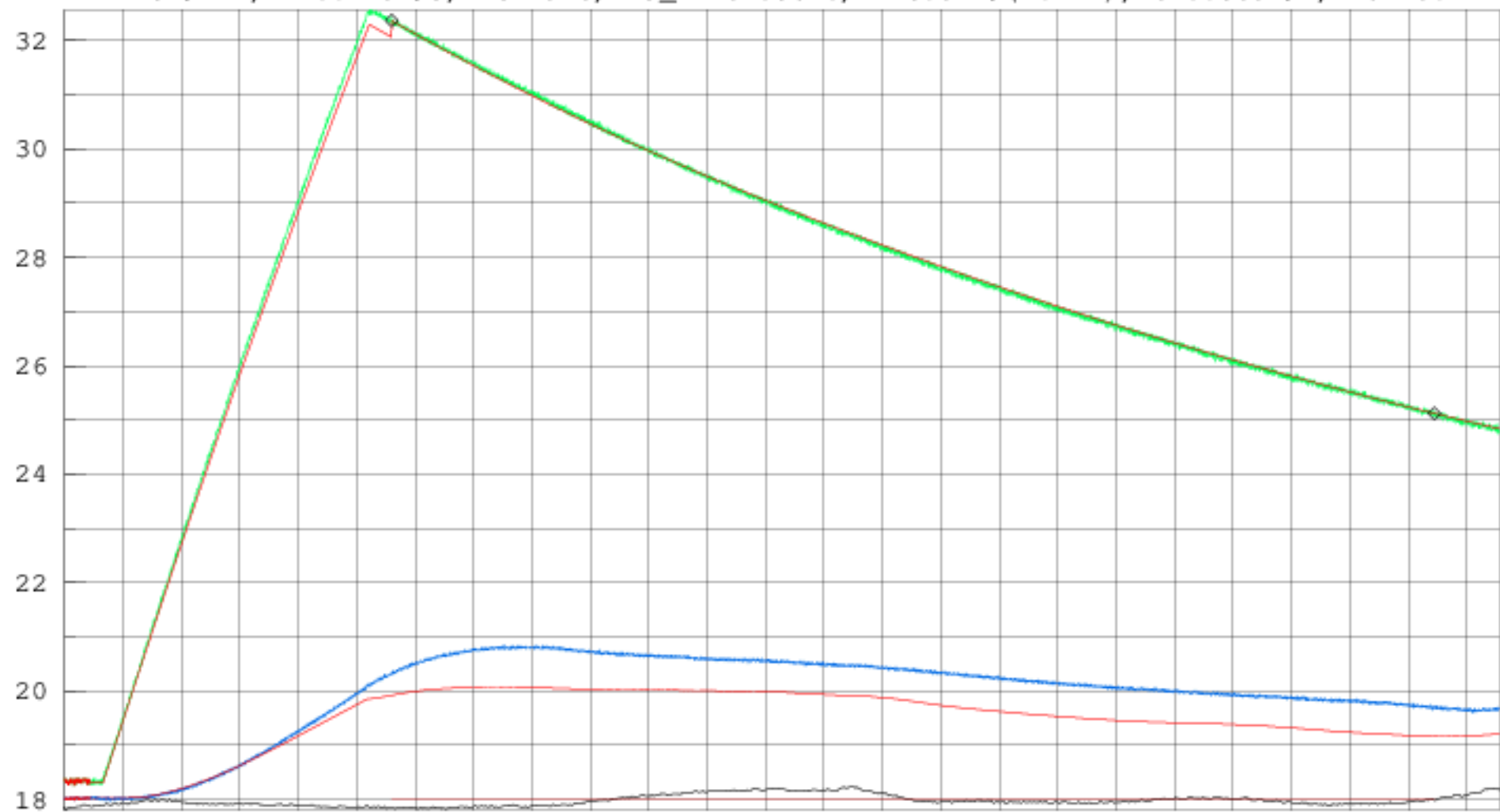


20180619T123939Z - mixed Convection - Roughness=1.13mm; T=18.6+10.4°C; +0.00°
34±4r/min, V=0.123m/s, Re=2417, Ra_V=28403910, h=3.77W/(K.m²), U=0.351W/K, Nu=44.4

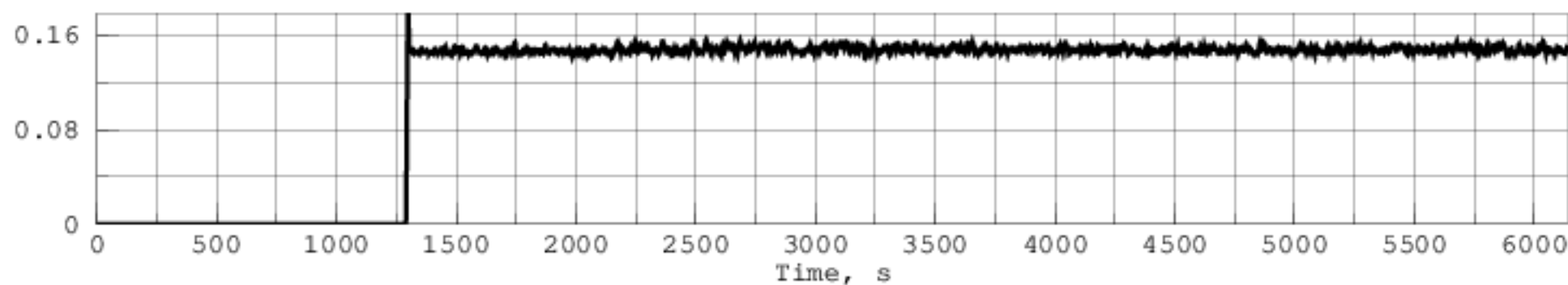


20180620T015700Z - mixed Convection - Roughness=1.13mm; T=18.0+10.2°C; +0.00°
41±3r/min, V=0.148m/s, Re=2945, Ra_V=28403670, h=3.82W/(K.m²), U=0.355W/K, Nu=45.1

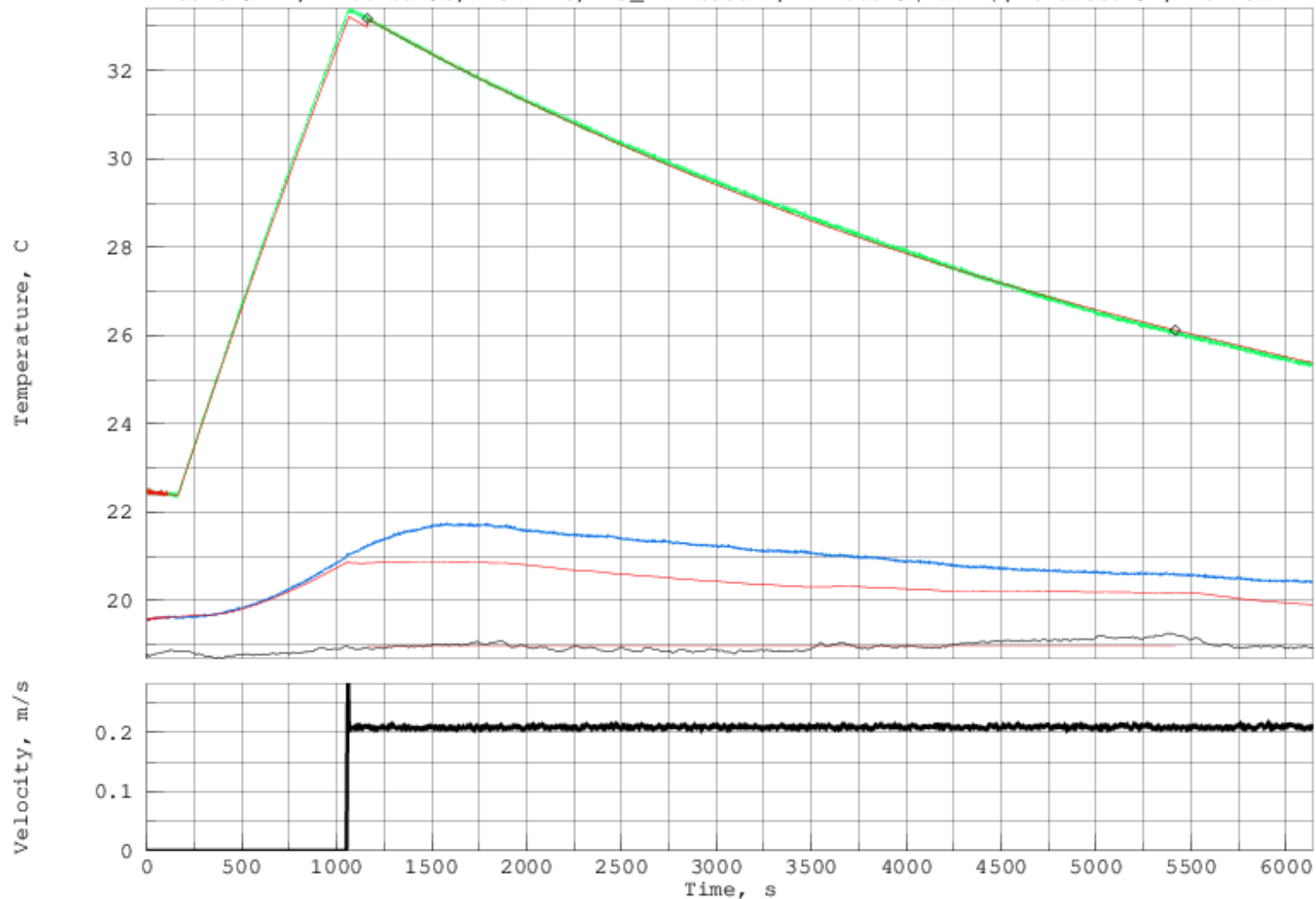
Temperature, C



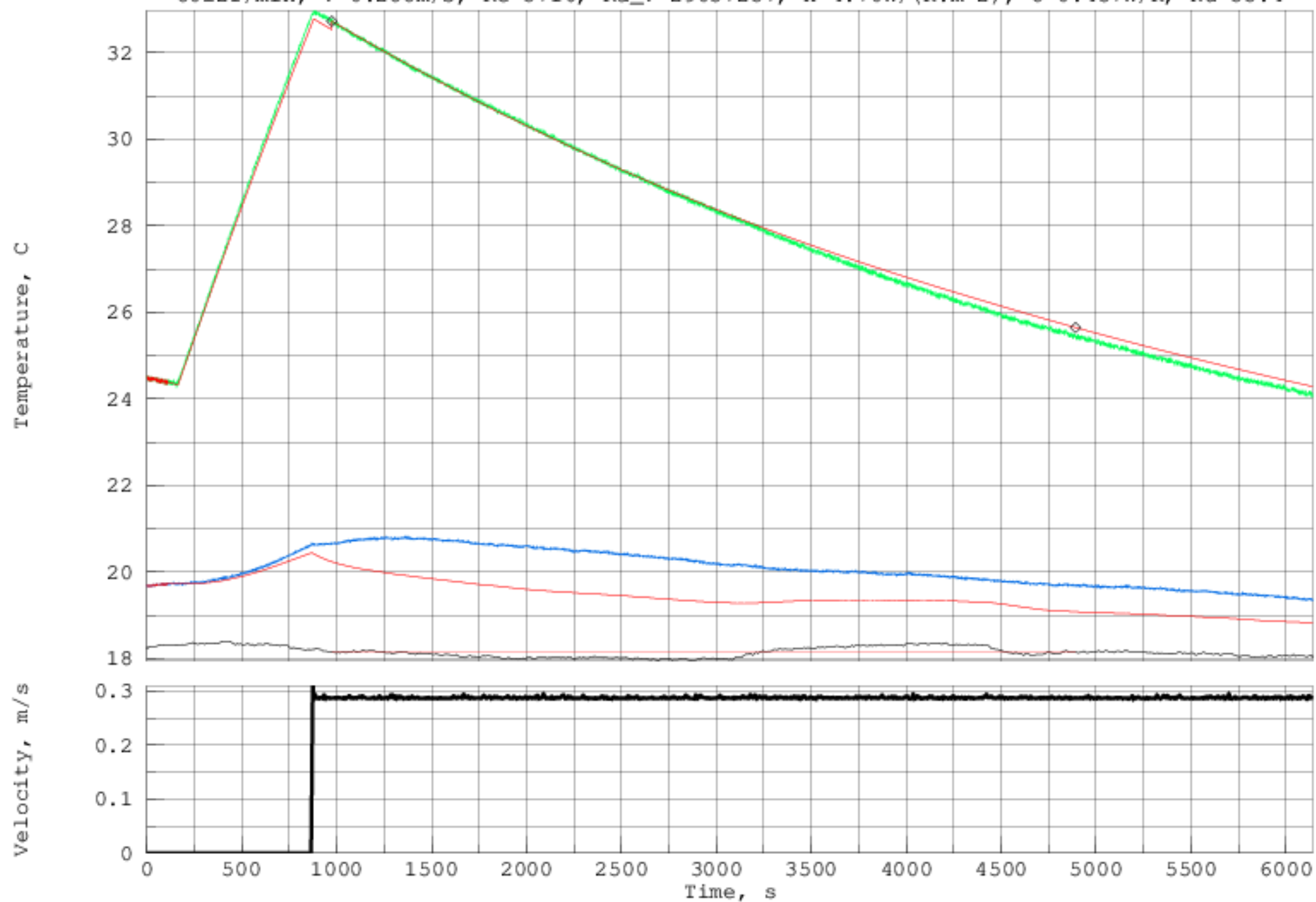
Velocity, m/s



20180619T153646Z - mixed Convection - Roughness=1.13mm; T=19.0+10.2°C; +0.00°
58±3r/min, V=0.209m/s, Re=4125, Ra_V=27683514, h=4.09W/(K.m²), U=0.380W/K, Nu=48.1



20180620T034519Z - mixed Convection - Roughness=1.13mm; T=18.1+10.5°C; +0.00°
80±2r/min, V=0.288m/s, Re=5716, Ra_V=29037257, h=4.70W/(K.m²), U=0.437W/K, Nu=55.4

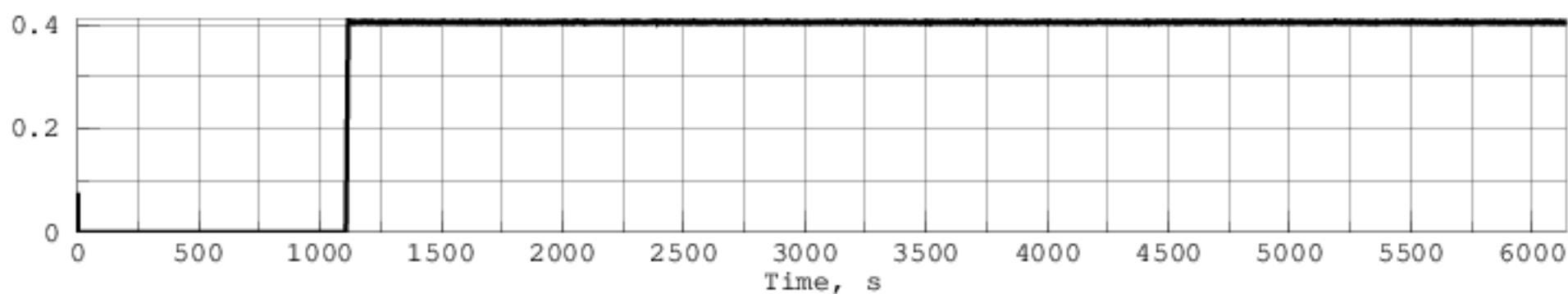


20180618T024836Z - mixed Convection - Roughness=1.13mm; T=18.2+10.2°C; +0.00°
113±2r/min, V=0.405m/s, Re=8095, Ra_V=28400883, h=5.62W/(K.m²), U=0.523W/K, Nu=66.3

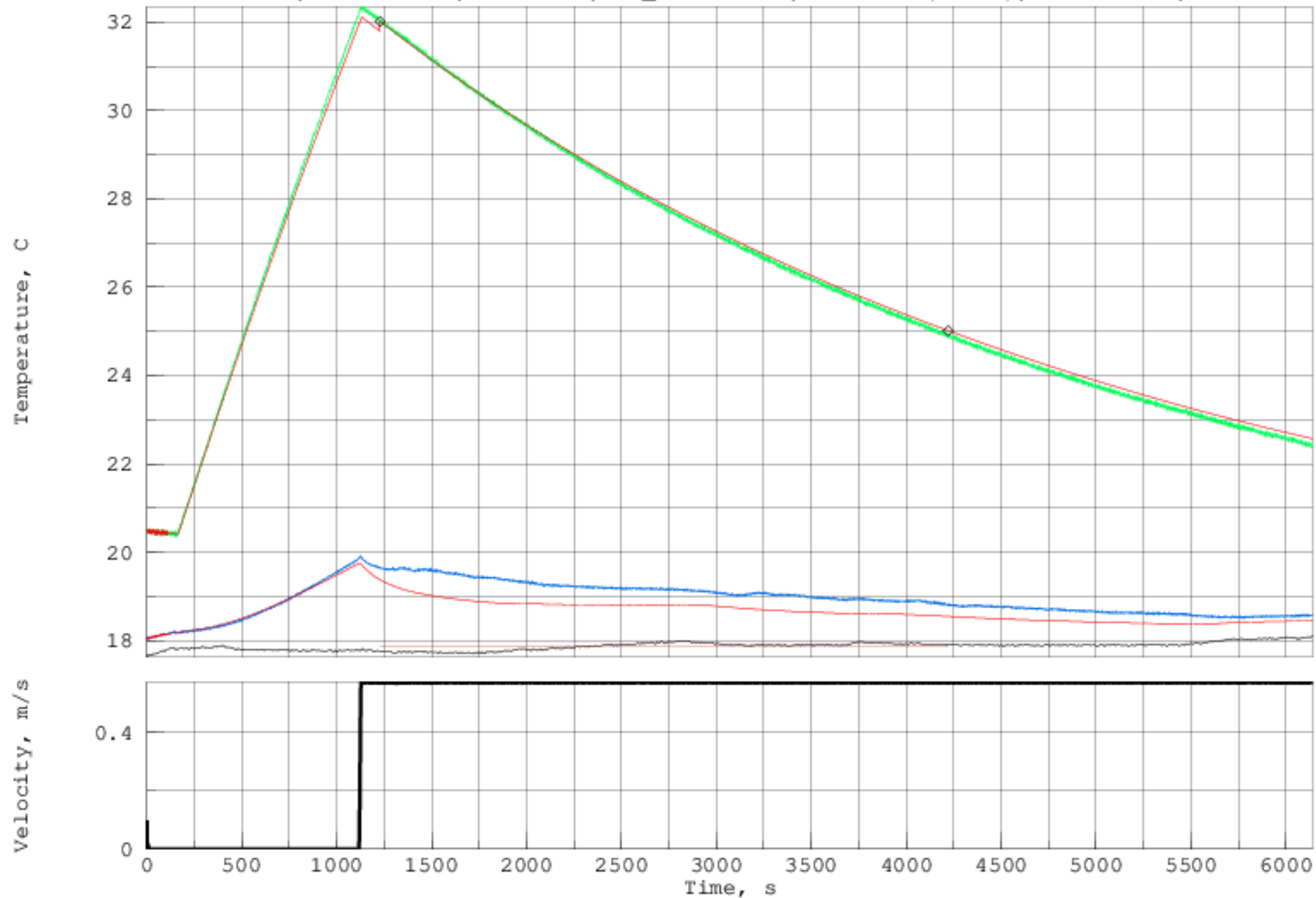
Temperature, C



Velocity, m/s

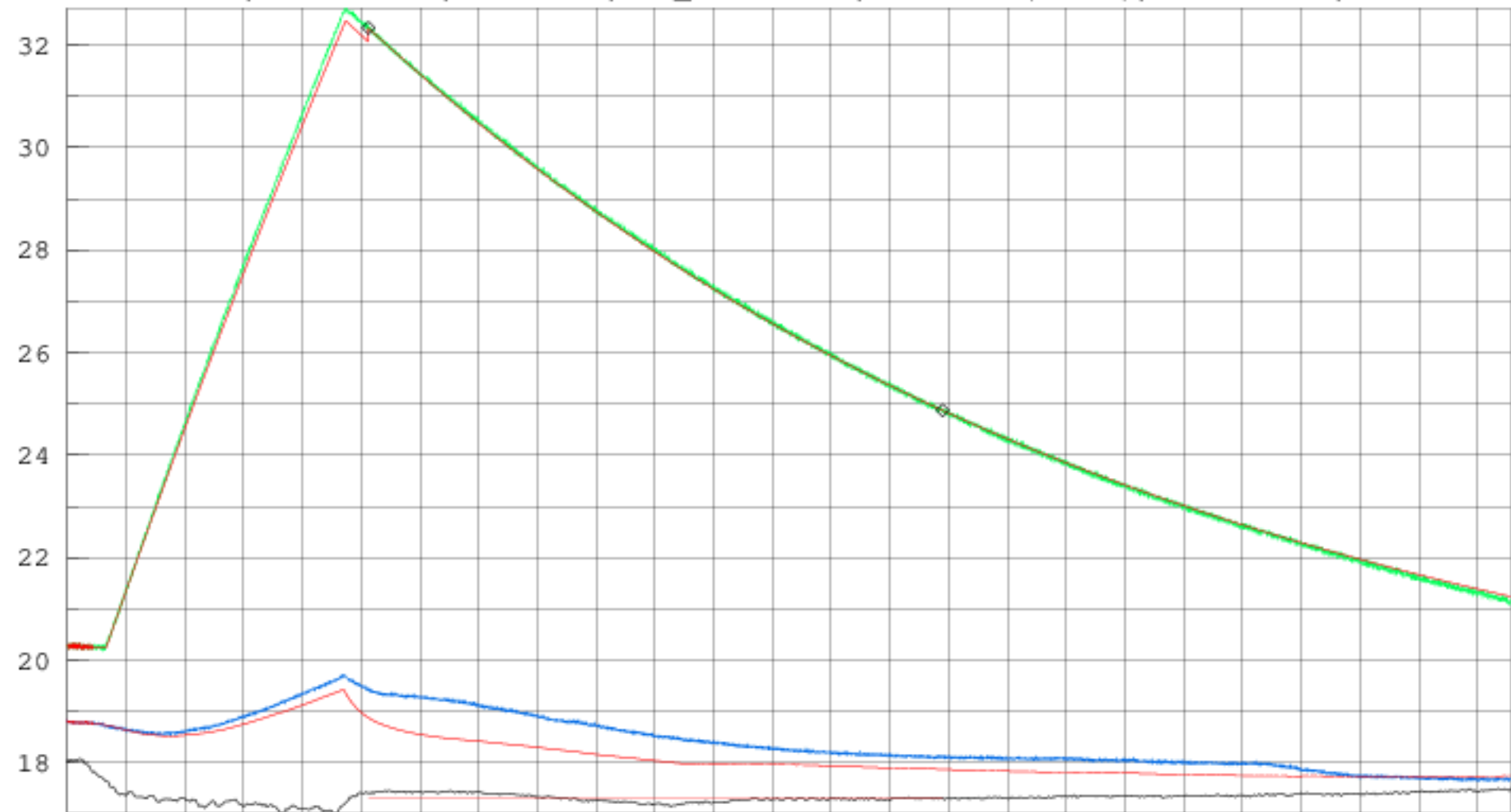


20180618T002829Z - mixed Convection - Roughness=1.13mm; T=17.9+10.2°C; +0.00°
160±1r/min, V=0.572m/s, Re=11454, Ra_V=28562233, h=7.25W/(K.m²), U=0.675W/K, Nu=85.6

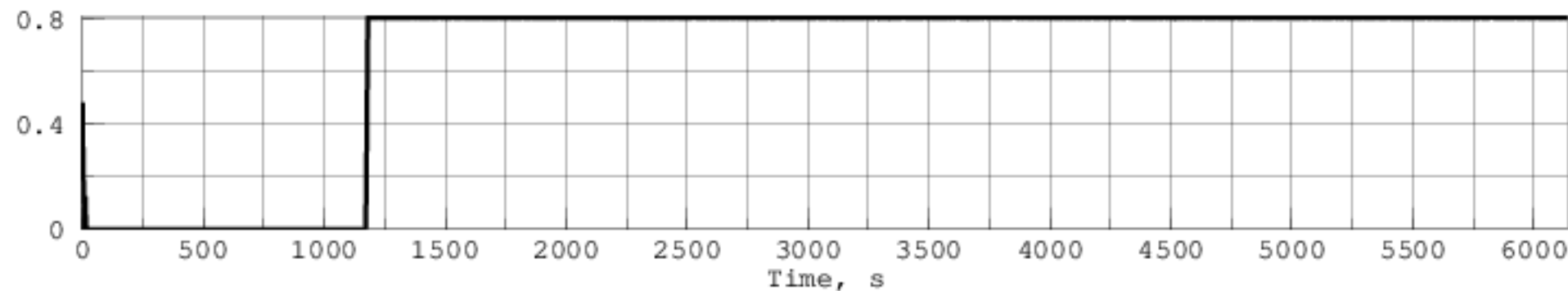


20180617T223249Z - mixed Convection - Roughness=1.13mm; T=17.3+10.9°C; +0.00°
226±2r/min, V=0.806m/s, Re=16161, Ra_V=30612468, h=9.33W/(K.m²), U=0.868W/K, Nu=110.1

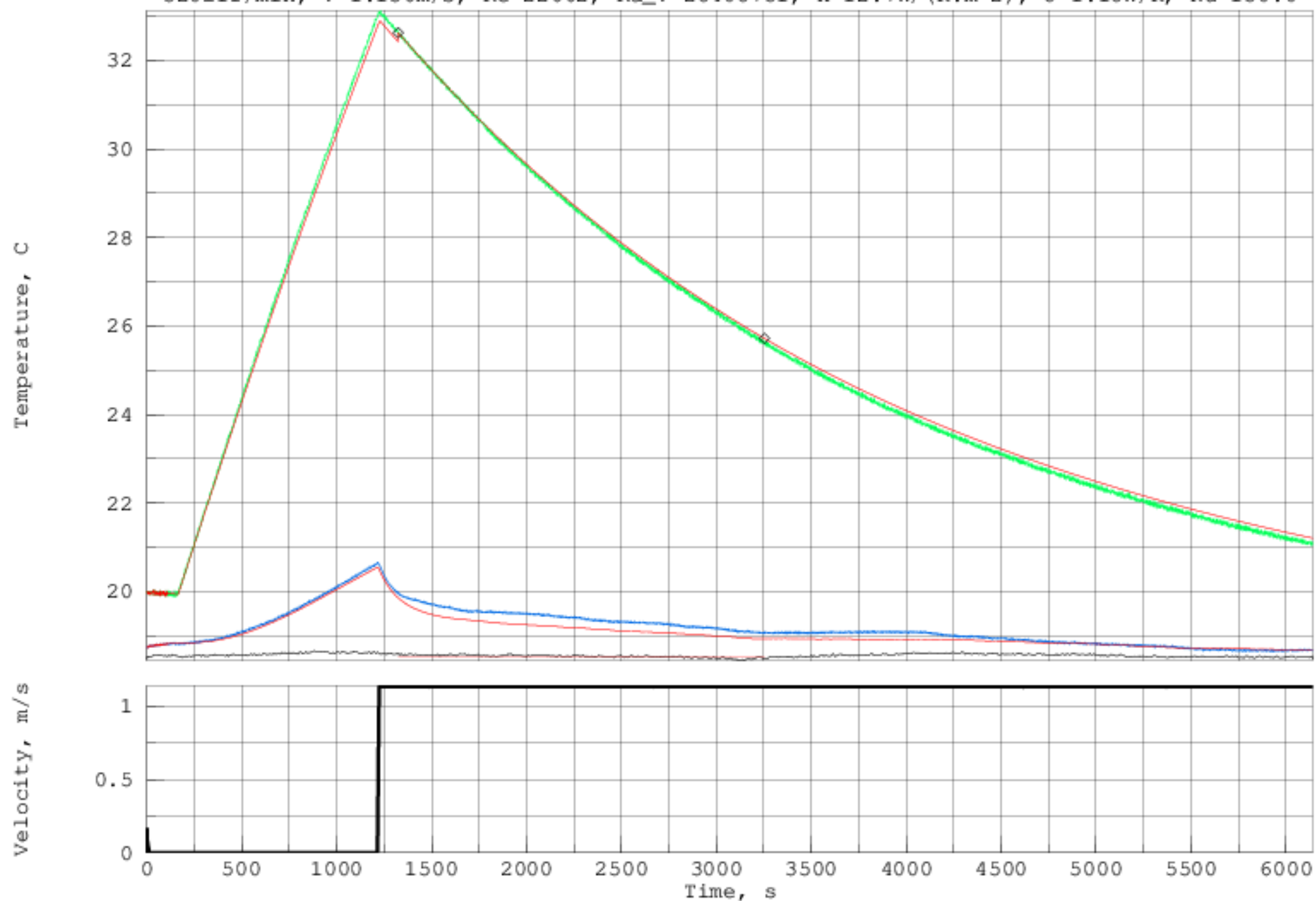
Temperature, C



Velocity, m/s

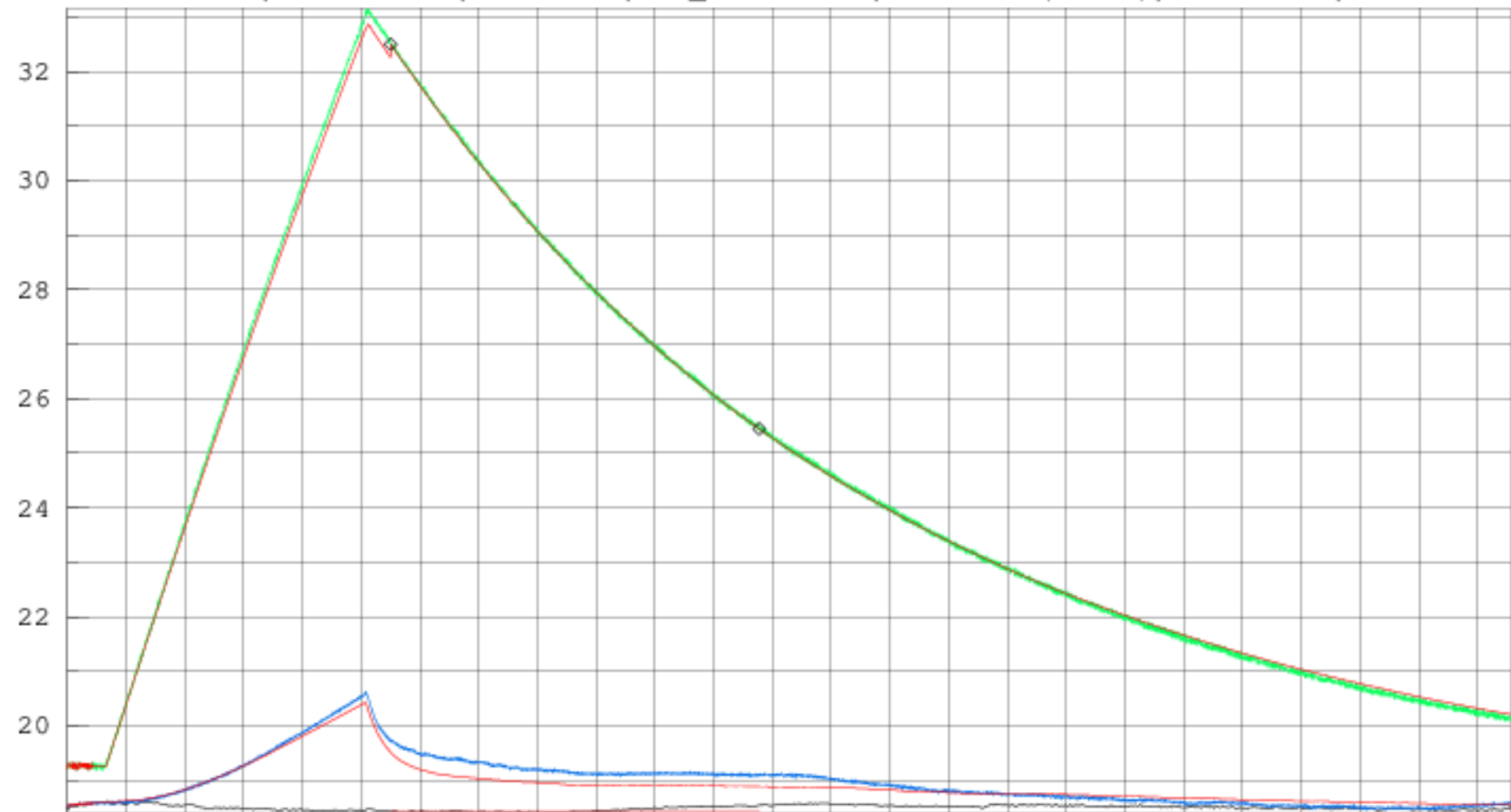


20180617T201351Z - mixed Convection - Roughness=1.13mm; T=18.5+10.2°C; +0.00°
320±1r/min, V=1.136m/s, Re=22662, Ra_V=28408751, h=12.7W/(K.m²), U=1.18W/K, Nu=150.0

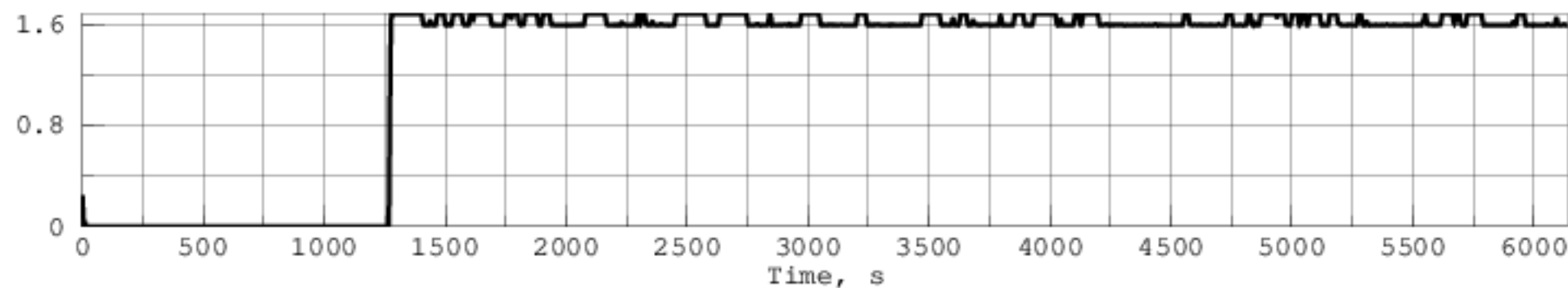


20180617T182712Z - mixed Convection - Roughness=1.13mm; T=18.5+10.1°C; +0.00°
465±14r/min, V=1.633m/s, Re=32617, Ra_V=28239771, h=16.7W/(K.m²), U=1.55W/K, Nu=196.7

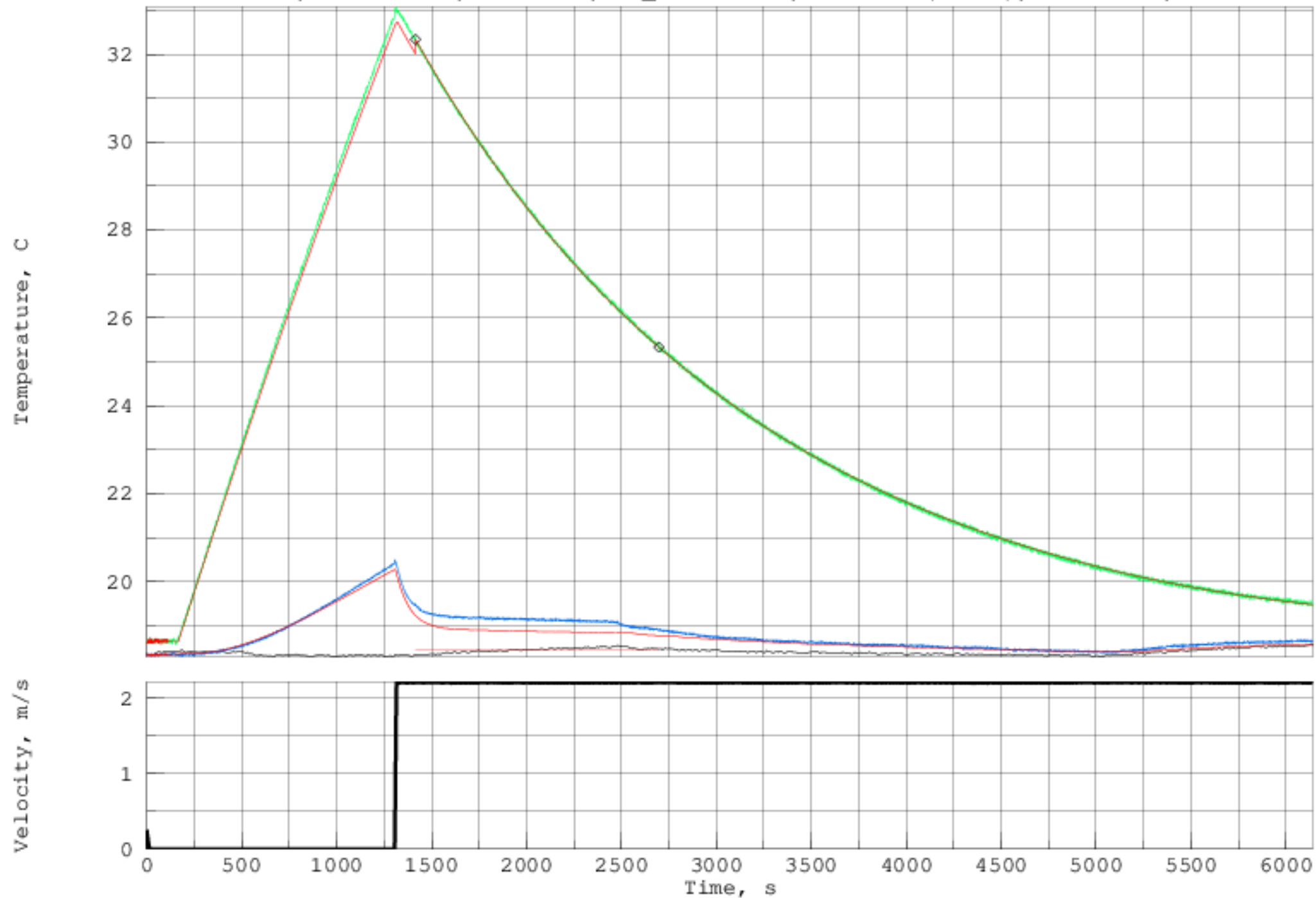
Temperature, C



Velocity, m/s

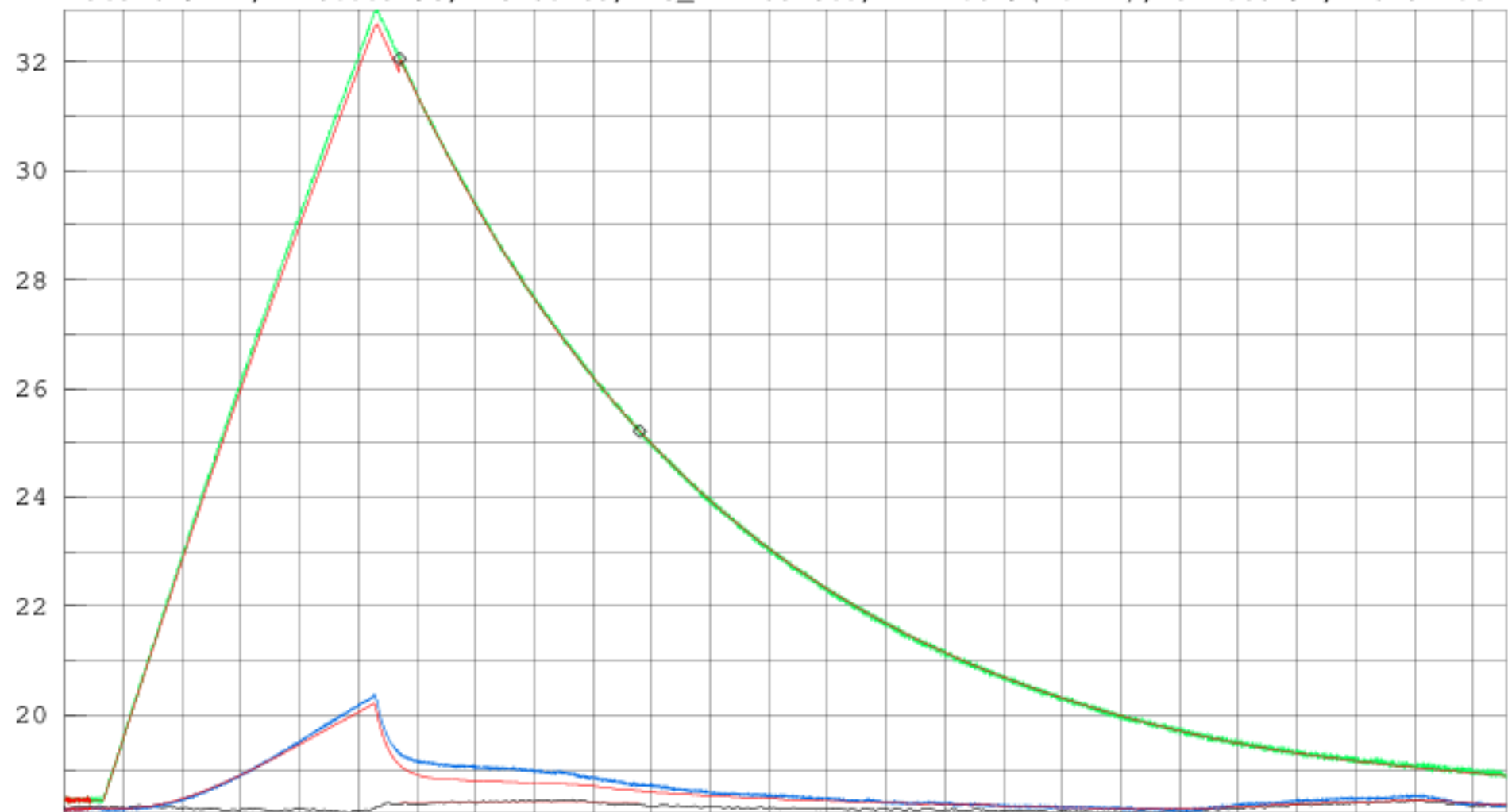


20180617T163658Z - mixed Convection - Roughness=1.13mm; T=18.4+10.0°C; +0.00°
640±4r/min, V=2.207m/s, Re=44071, Ra_V=27900507, h=21.4W/(K.m²), U=1.99W/K, Nu=252.6

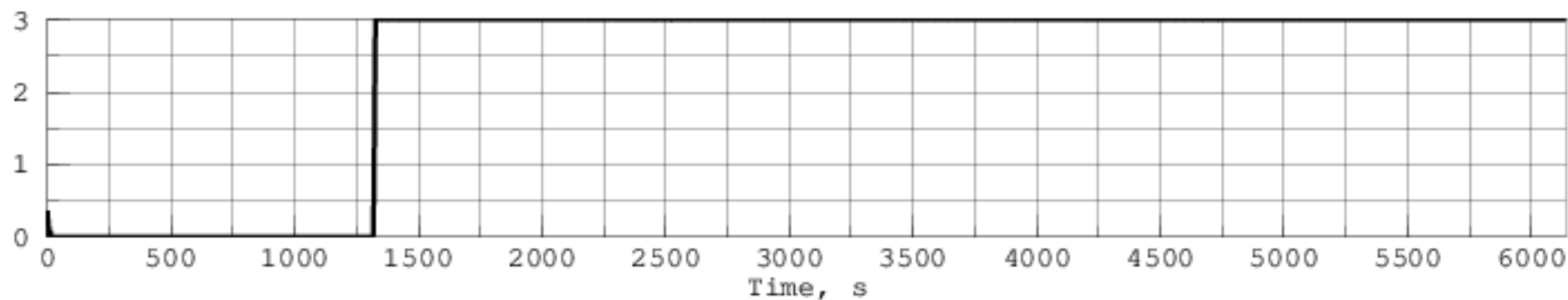


20180617T144038Z - mixed Convection - Roughness=1.13mm; T=18.4+09.9°C; +0.00°
905±6r/min, V=3.009m/s, Re=60185, Ra_V=27654300, h=27.5W/(K.m²), U=2.56W/K, Nu=324.8

Temperature, C

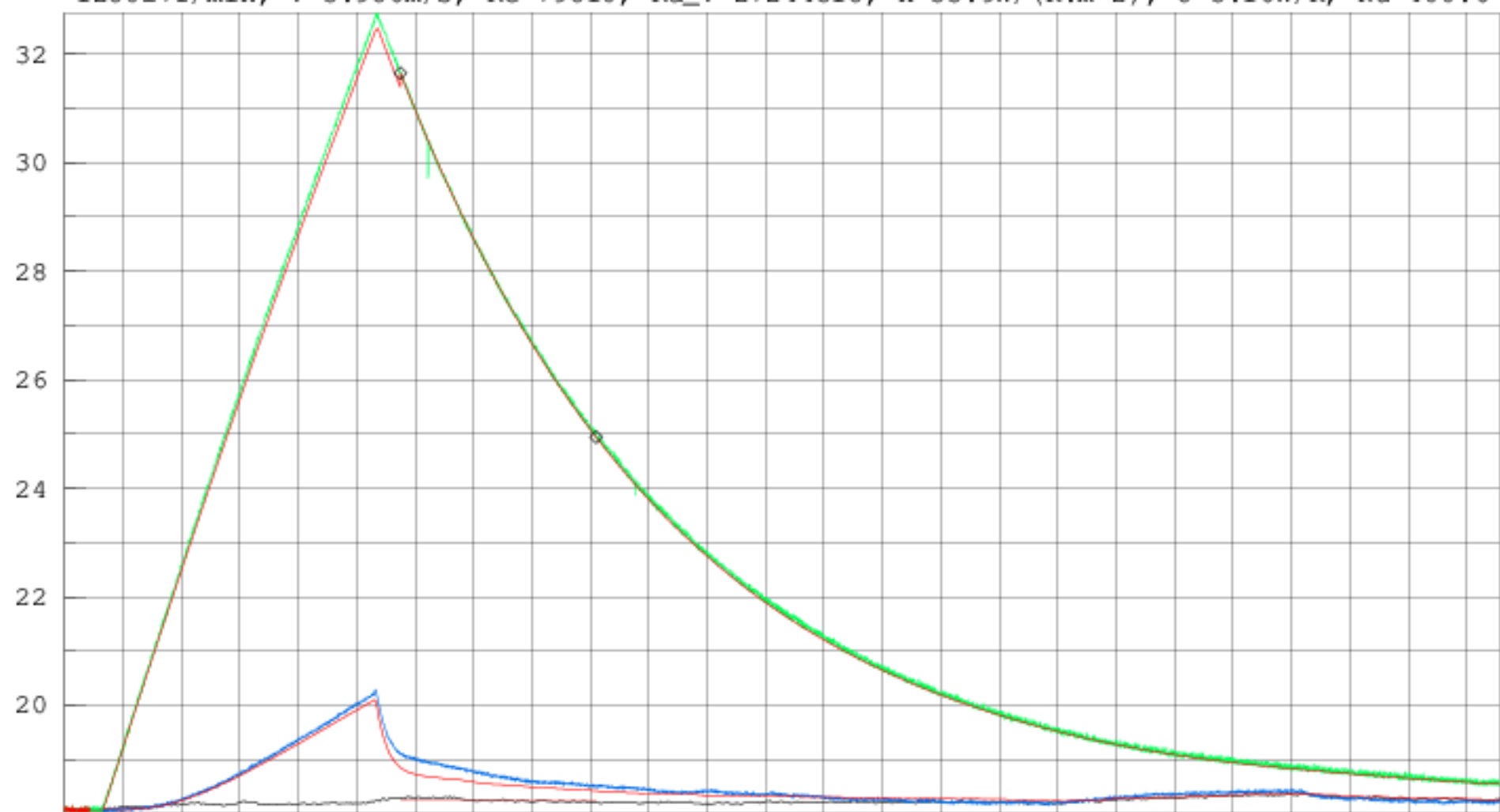


Velocity, m/s

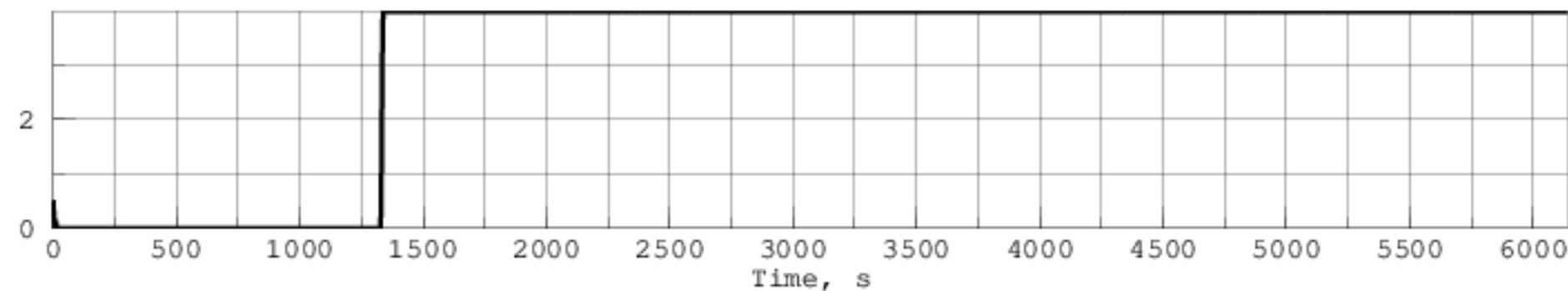


20180617T124722Z - mixed Convection - Roughness=1.13mm; T=18.3+09.7°C; +0.00°
1280±7r/min, V=3.986m/s, Re=79810, Ra_V=27244518, h=33.9W/(K.m²), U=3.16W/K, Nu=400.6

Temperature, C

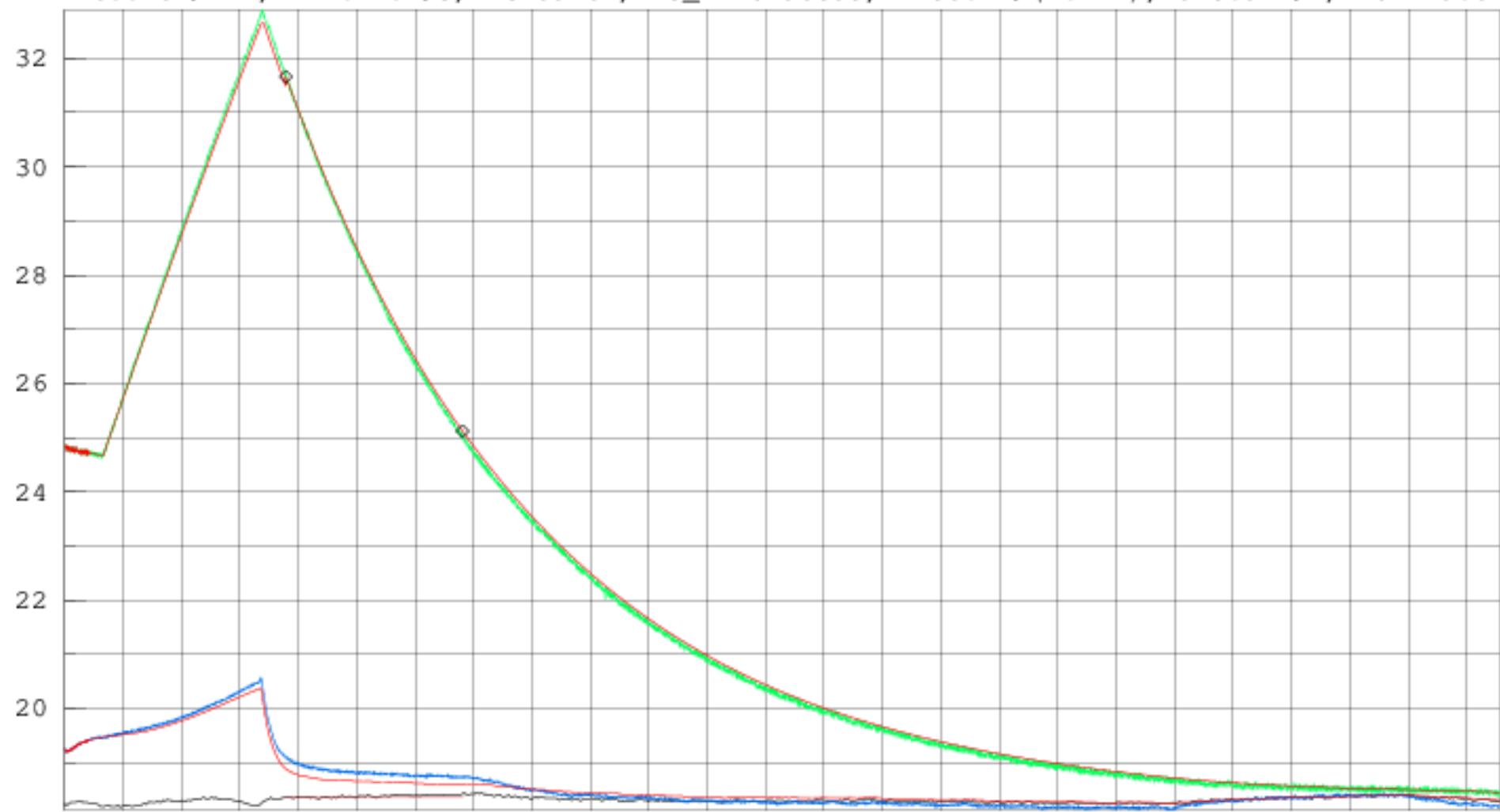


Velocity, m/s



20180617T033137Z - mixed Convection - Roughness=1.13mm; T=18.4+09.6°C; +0.00°
1500±5r/min, V=4.470m/s, Re=89251, Ra_V=26798353, h=38.1W/(K.m²), U=3.54W/K, Nu=449.5

Temperature, C



Velocity, m/s

