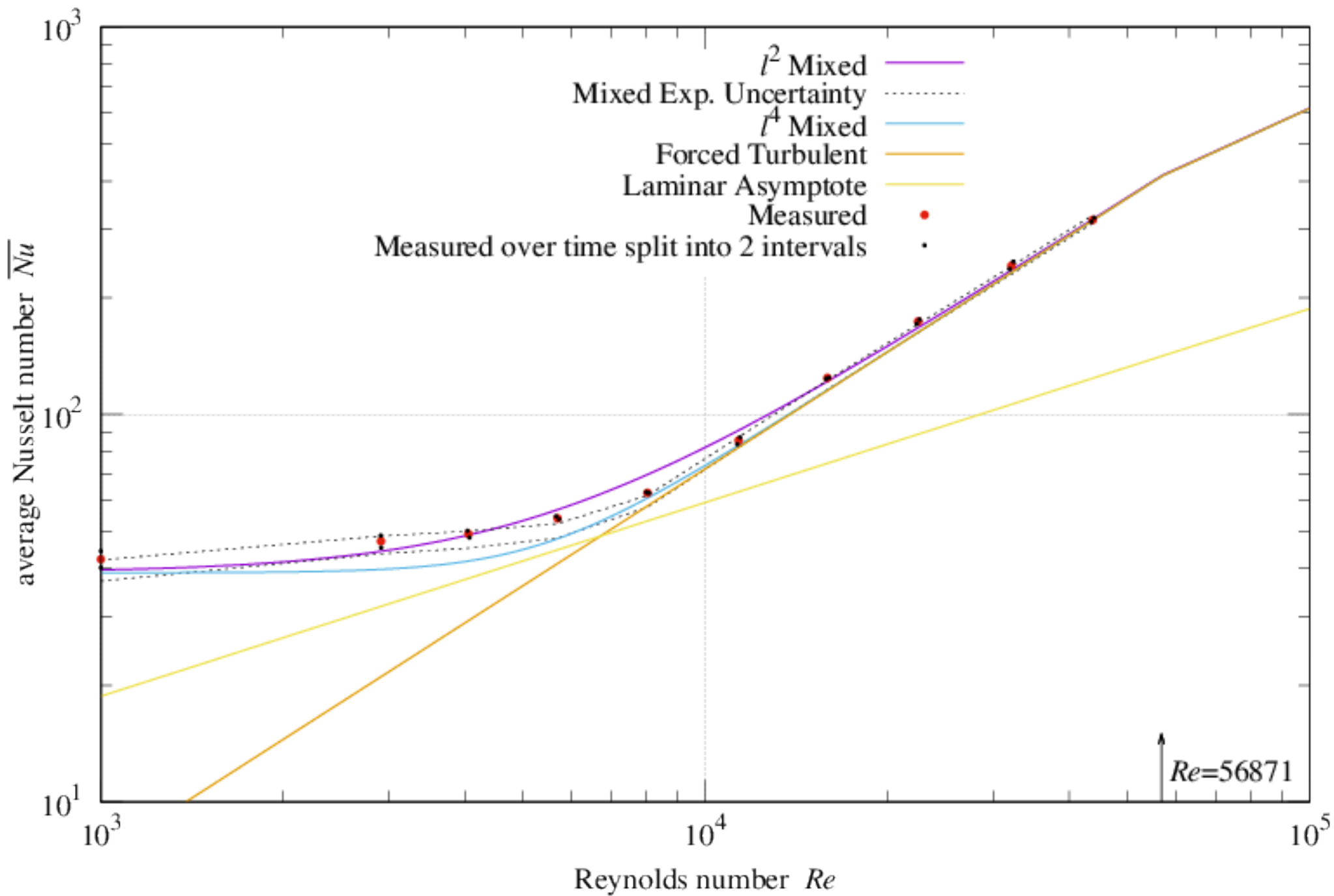
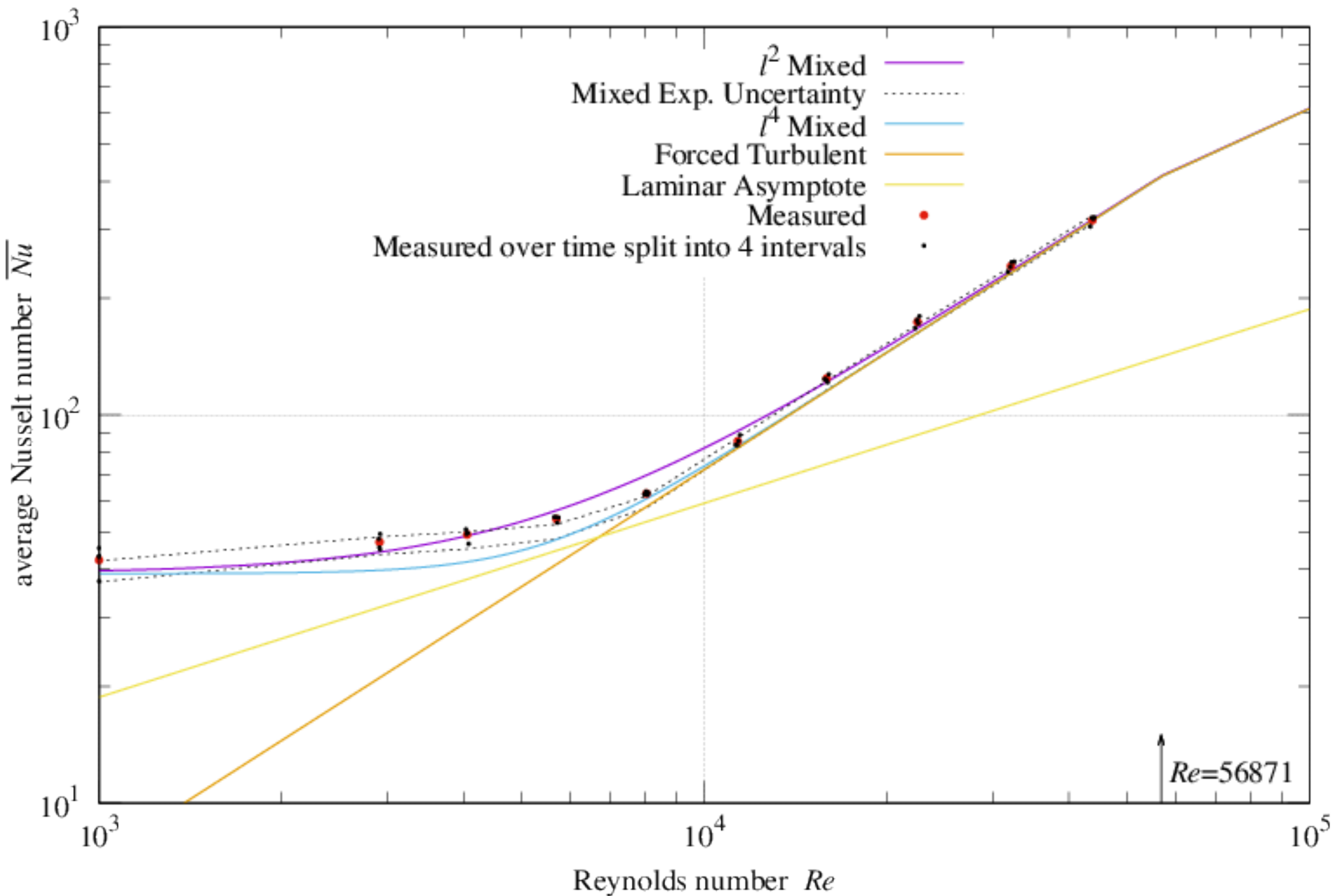


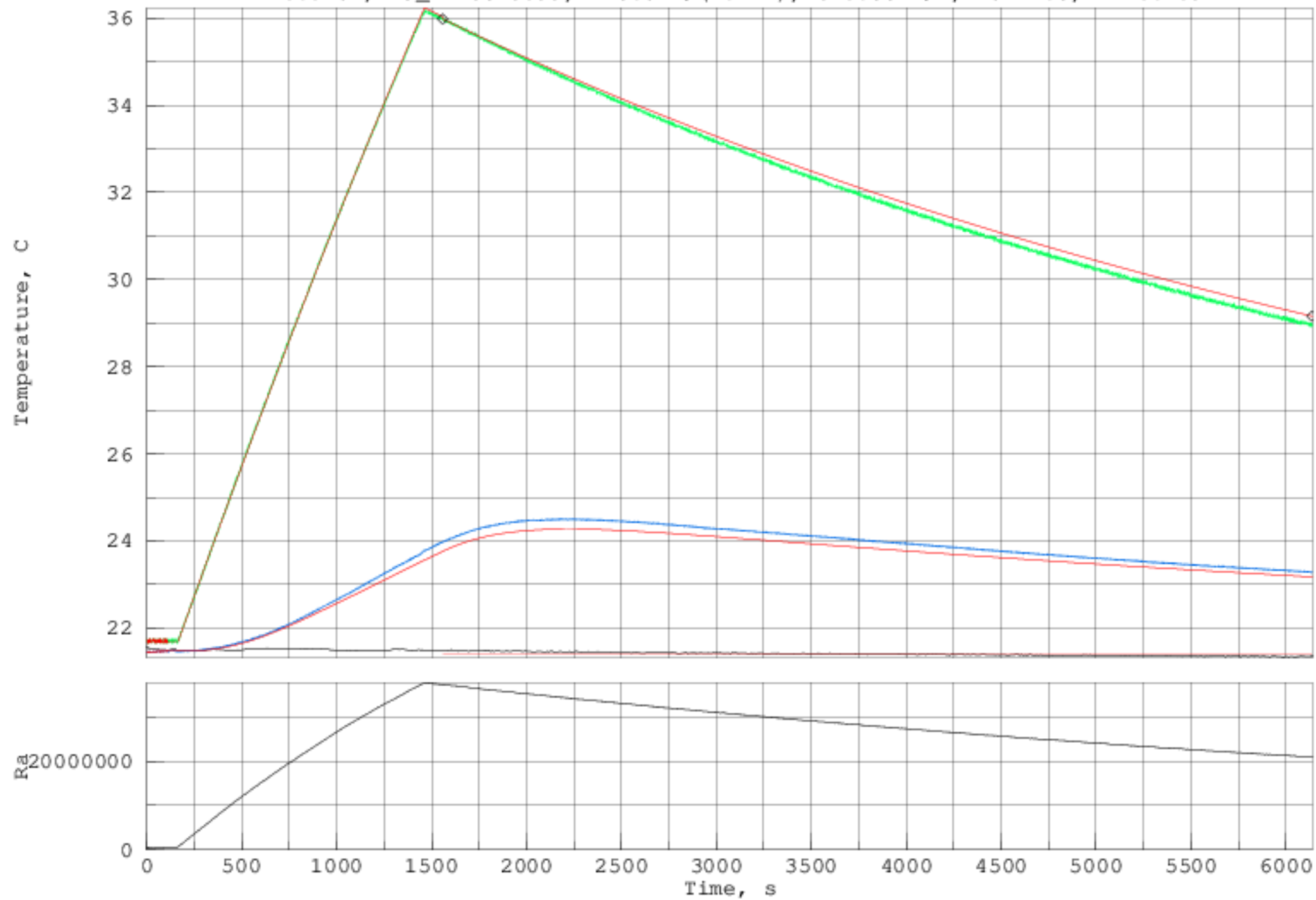
Aiding Mixed Convection Vertical Plate, 3mm Roughness, $\Delta T=10K$



Aiding Mixed Convection Vertical Plate, 3mm Roughness, $\Delta T=10K$

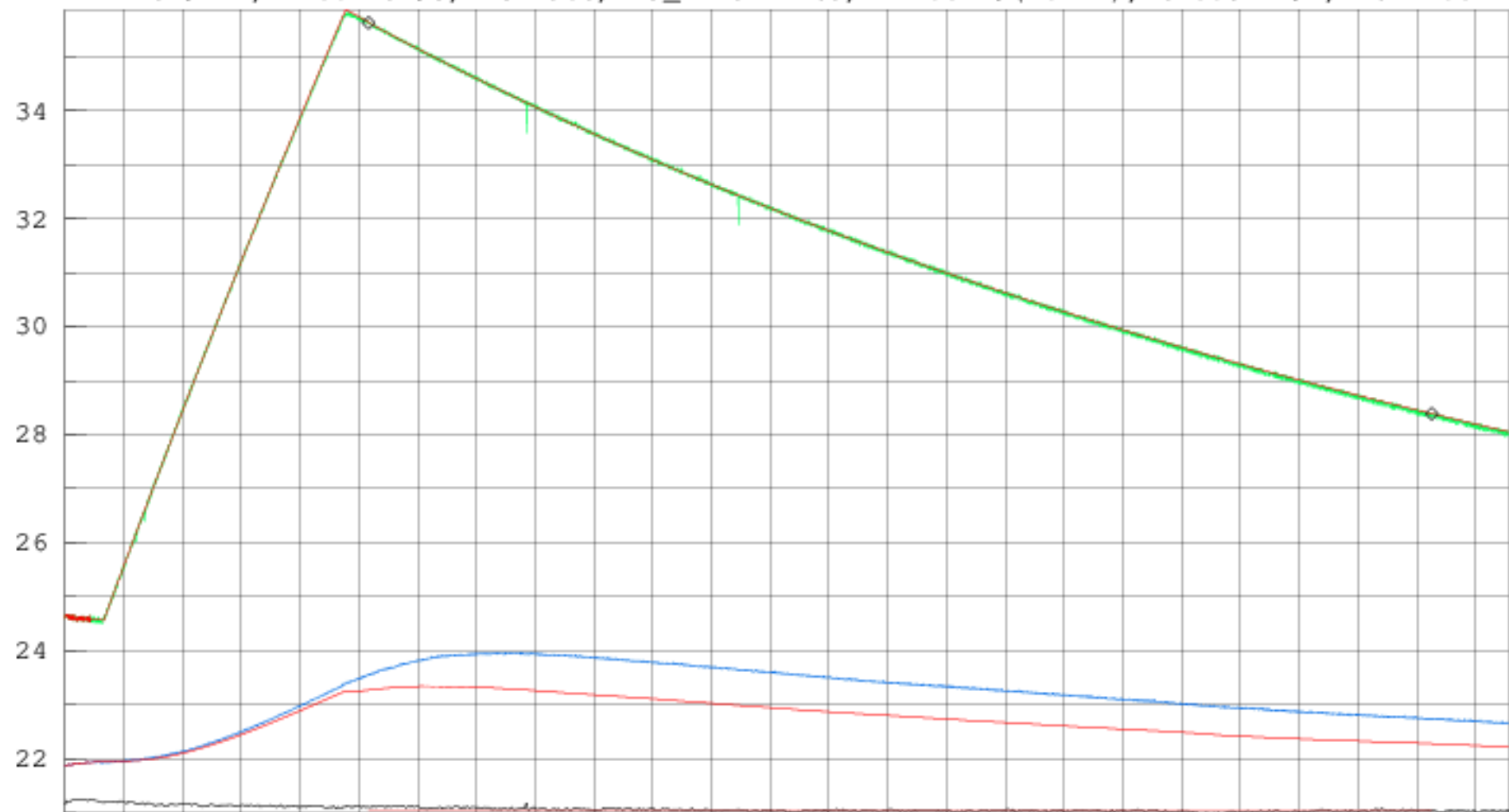


20160924T230208Z - mixed Convection - Roughness=3.00mm; T=21.4+10.6°C; +0.00°
k=0.0261, Ra_V=28315099, h=3.62W/(K.m^2), U=0.337W/K, Nu=42.3, Pr=0.709

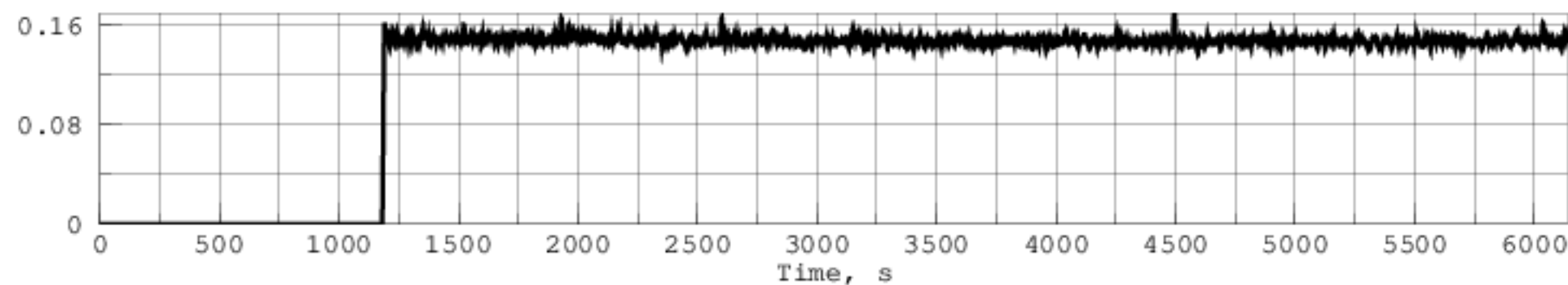


20160925T204755Z - mixed Convection - Roughness=3.00mm; T=21.0+10.5°C; +0.00°
41±5r/min, V=0.148m/s, Re=2908, Ra_V=28117769, h=4.02W/(K.m²), U=0.374W/K, Nu=47.0

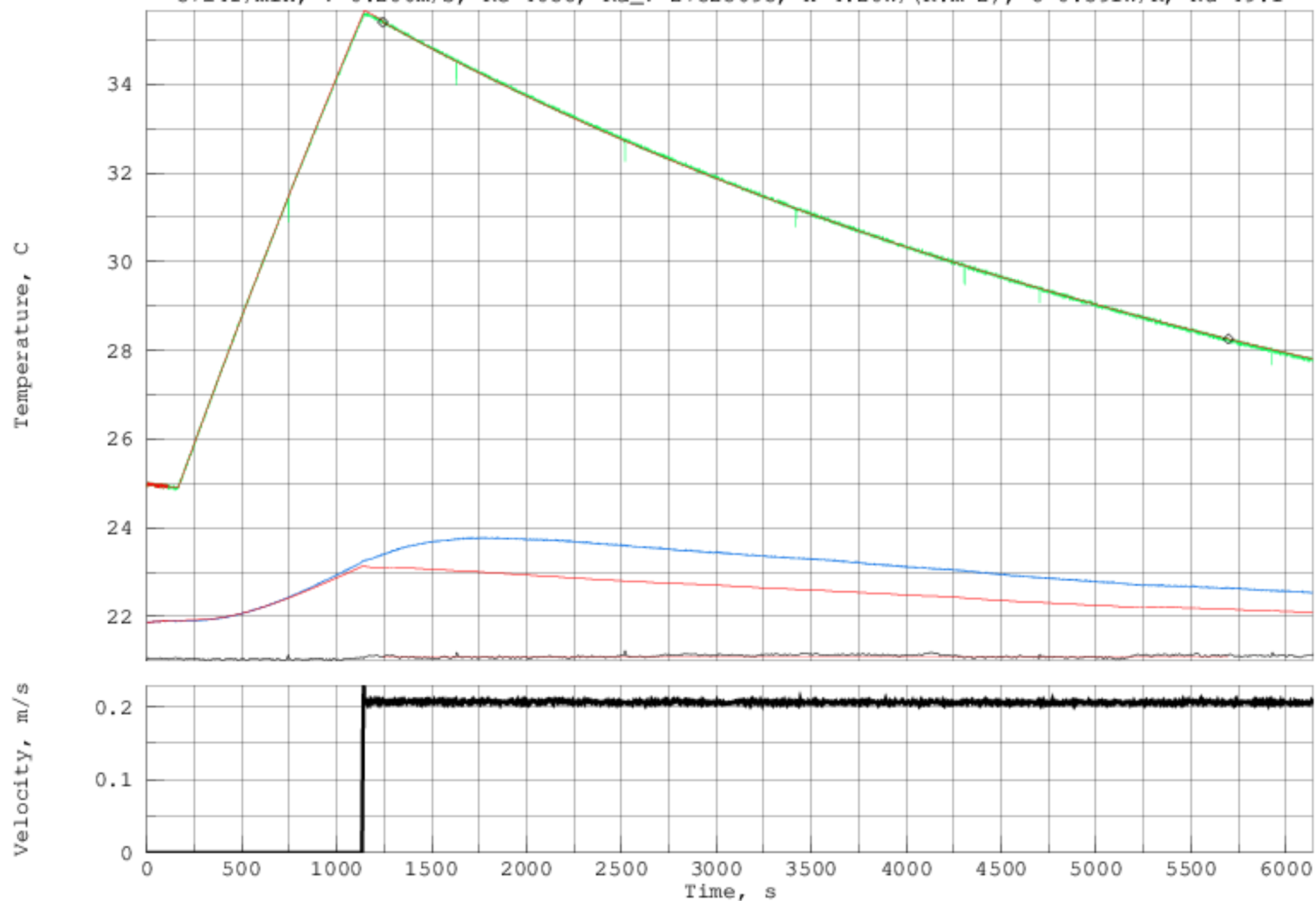
Temperature, C



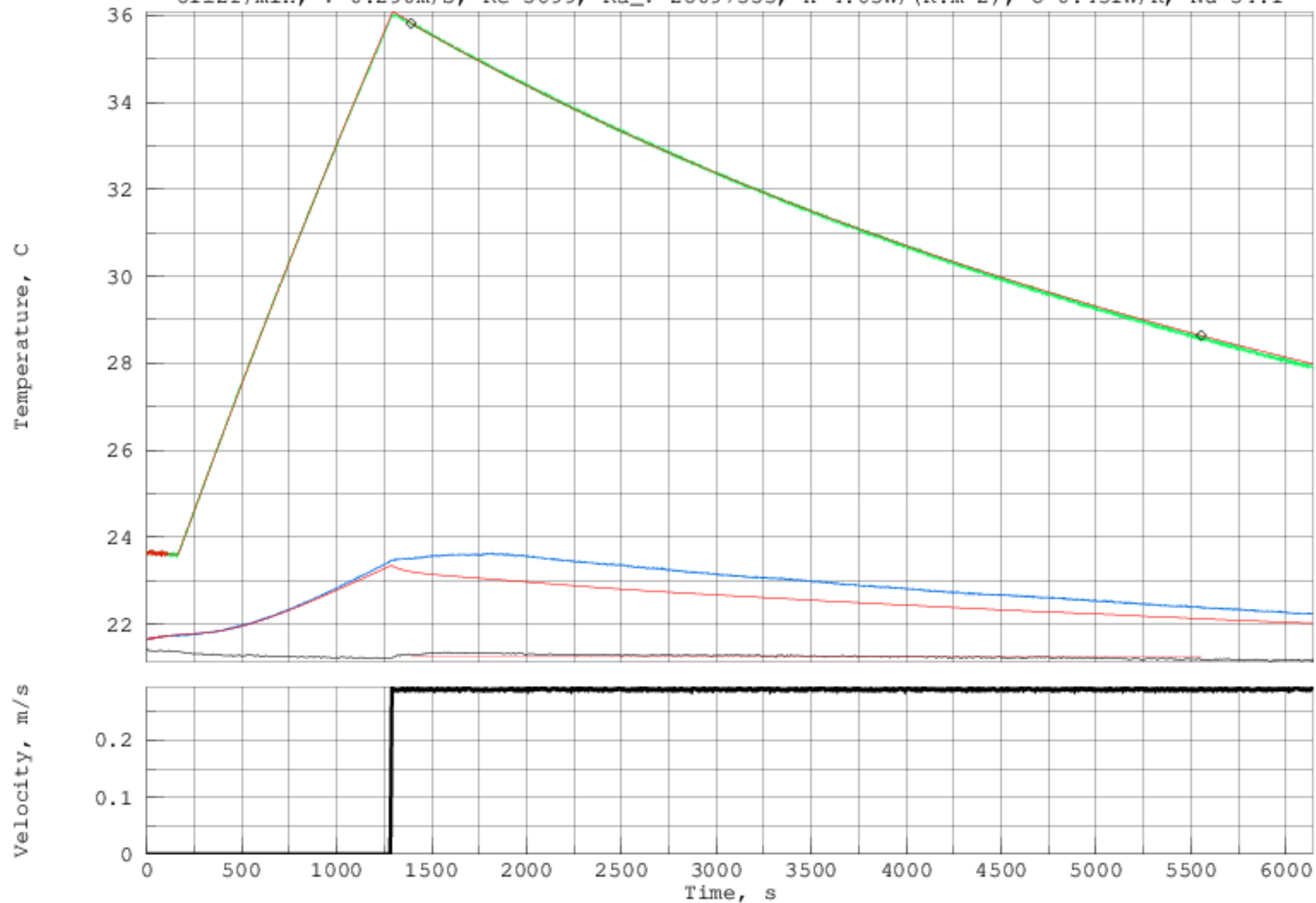
Velocity, m/s



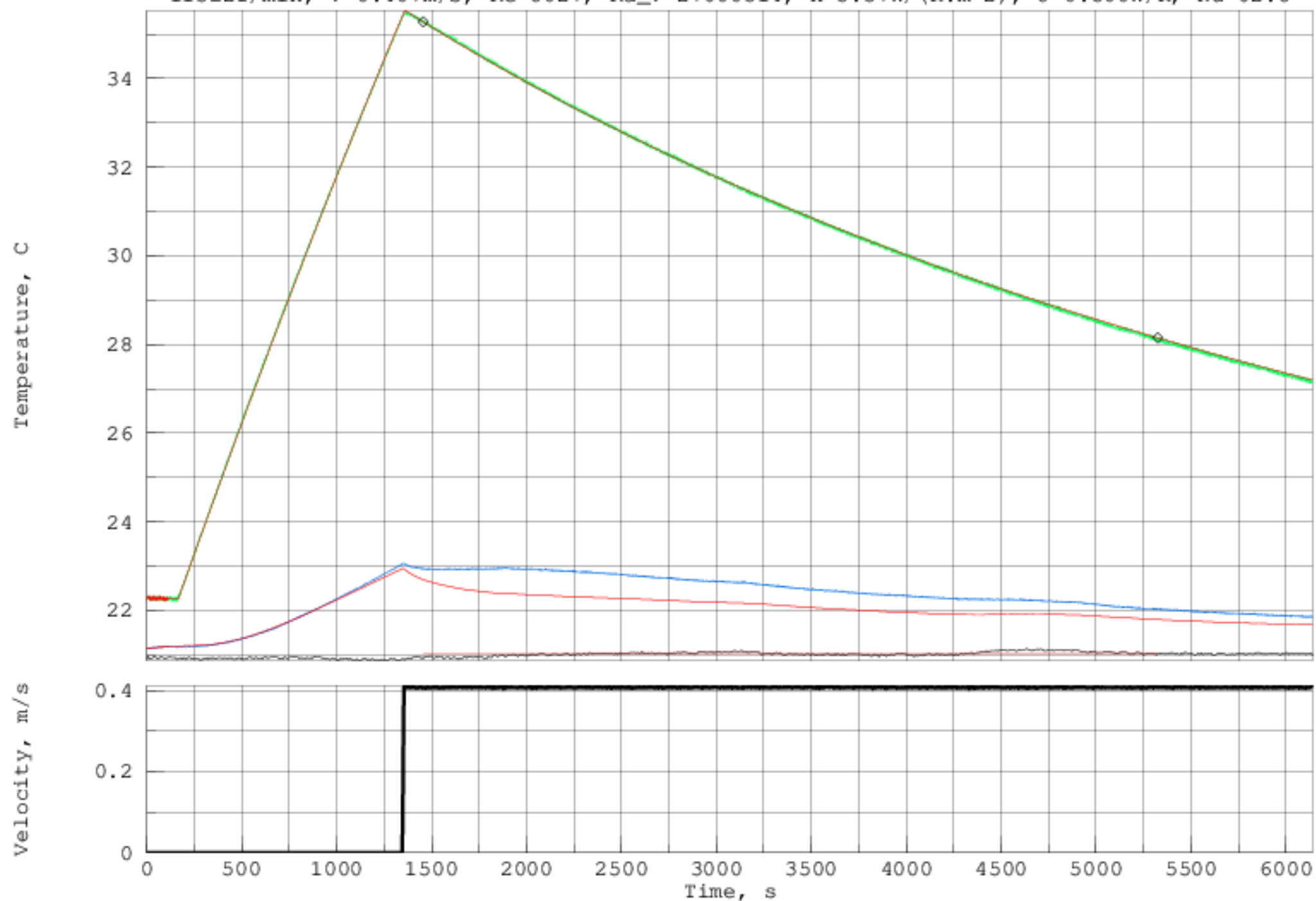
20160925T175225Z - mixed Convection - Roughness=3.00mm; T=21.1+10.2°C; +0.00°
57±4r/min, V=0.206m/s, Re=4058, Ra_V=27525695, h=4.20W/(K.m²), U=0.391W/K, Nu=49.1



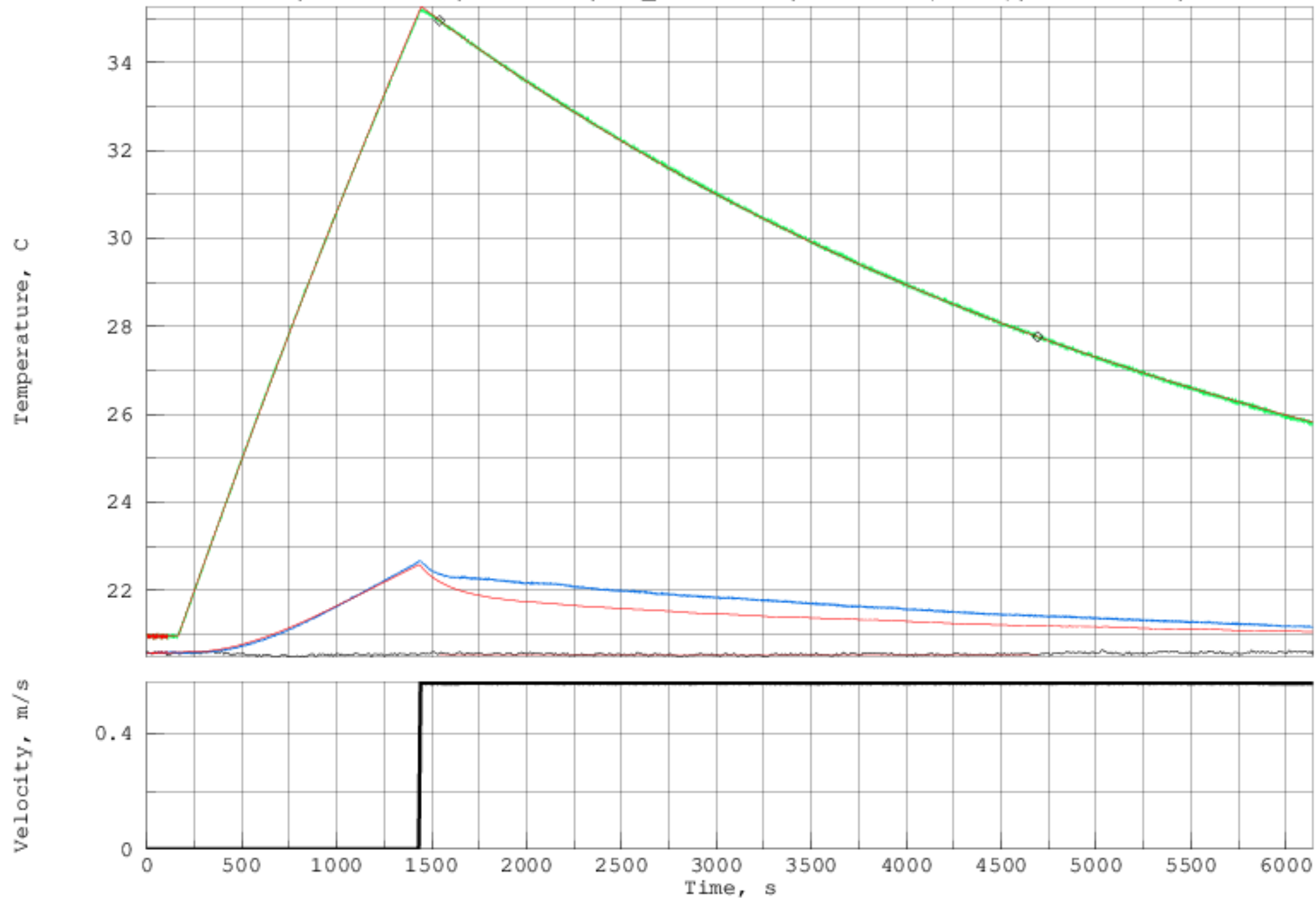
20160925T030035Z - mixed Convection - Roughness=3.00mm; T=21.3+10.5°C; +0.00°
81±2r/min, V=0.290m/s, Re=5699, Ra_V=28097553, h=4.63W/(K.m²), U=0.431W/K, Nu=54.1



20160925T152635Z - mixed Convection - Roughness=3.00mm; T=21.0+10.2°C; +0.00°
113±2r/min, V=0.407m/s, Re=8027, Ra_V=27600514, h=5.37W/(K.m²), U=0.500W/K, Nu=62.8



20160925T121827Z - mixed Convection - Roughness=3.00mm; T=20.5+10.4°C; +0.00°
160±1r/min, V=0.575m/s, Re=11360, Ra_V=28277547, h=7.30W/(K.m²), U=0.679W/K, Nu=85.4

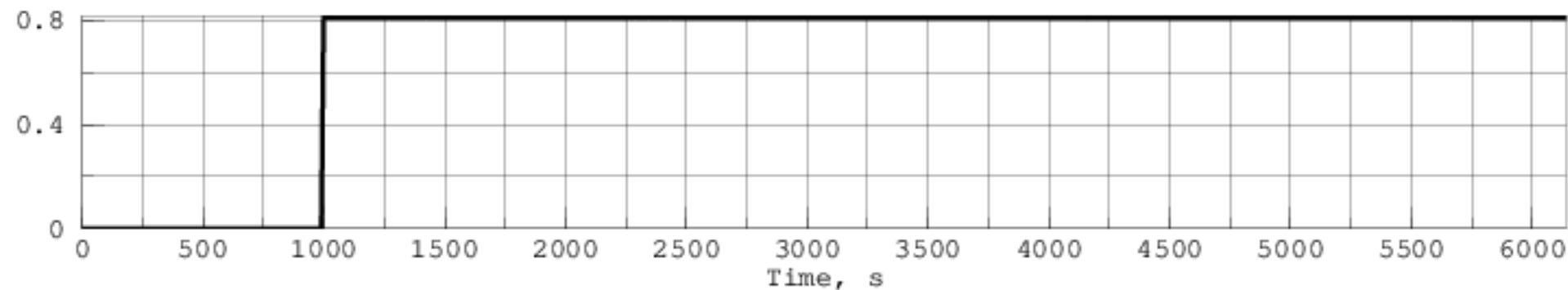


20160925T224429Z - mixed Convection - Roughness=3.00mm; T=21.2+10.4°C; +0.00°
226±1r/min, V=0.810m/s, Re=15934, Ra_V=27957791, h=10.6W/(K.m²), U=0.986W/K, Nu=123.9

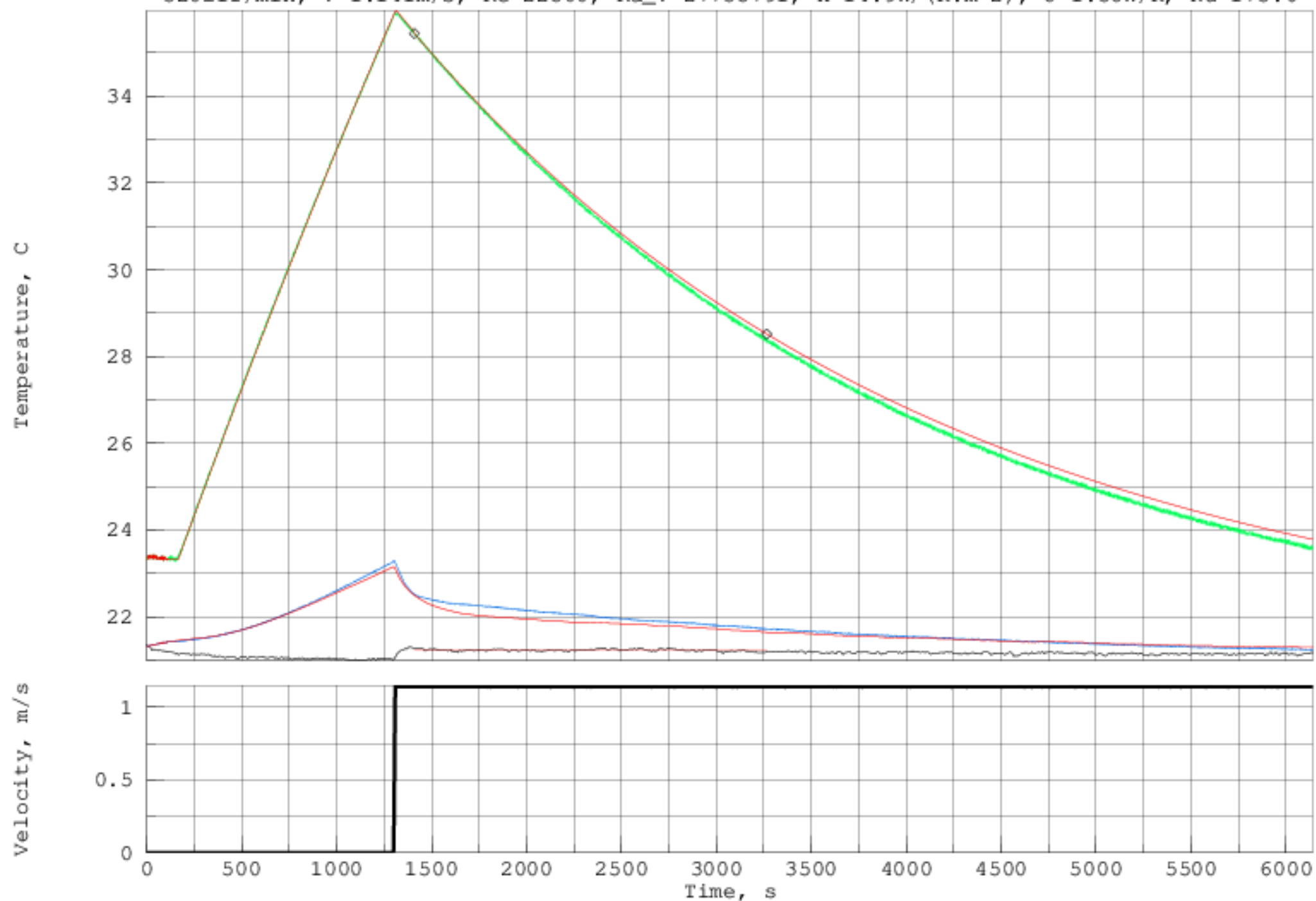
Temperature, C



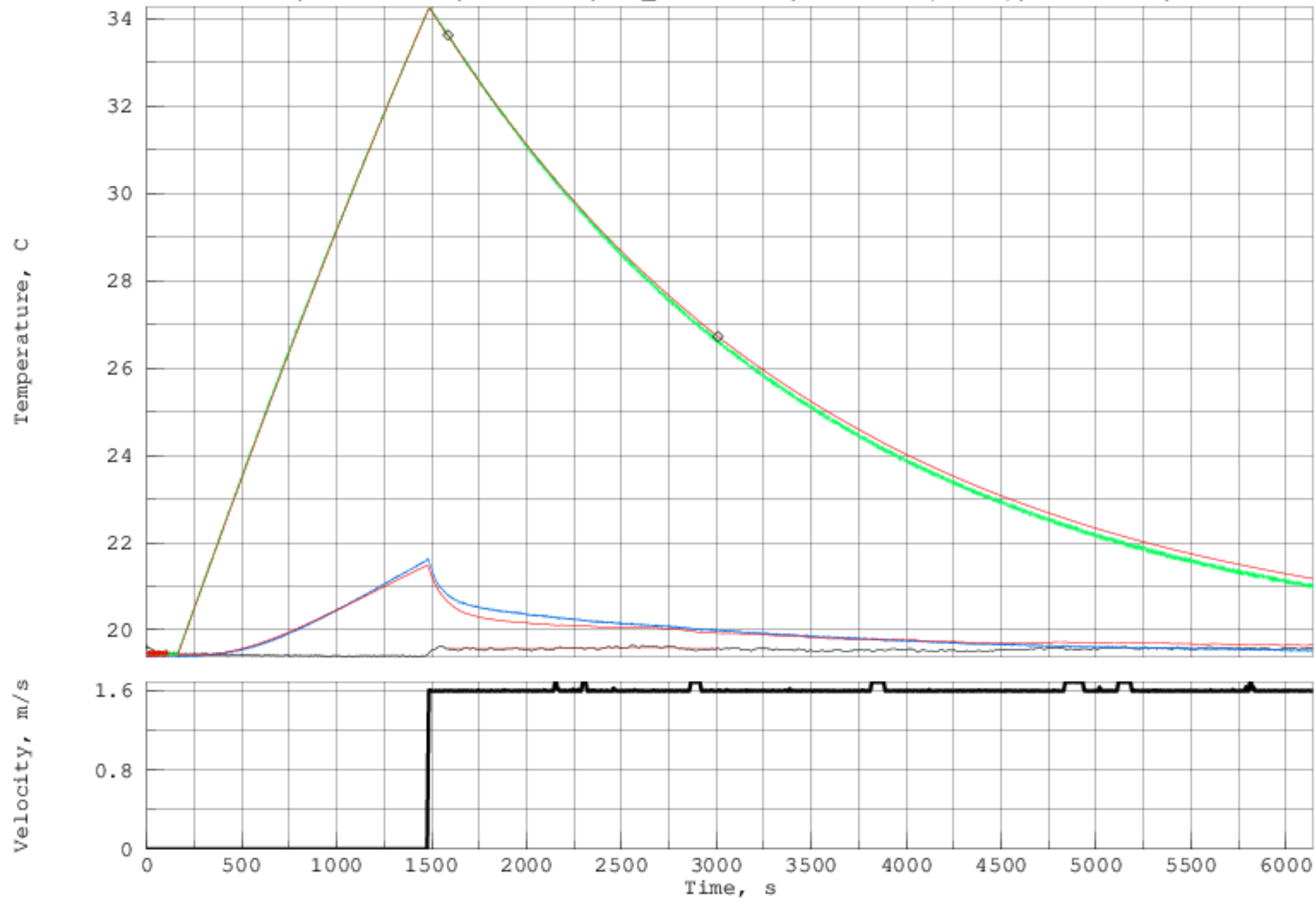
Velocity, m/s



20160926T005344Z - mixed Convection - Roughness=3.00mm; T=21.2+10.3°C; +0.00°
320±1r/min, V=1.141m/s, Re=22500, Ra_V=27735791, h=14.9W/(K.m²), U=1.38W/K, Nu=173.6

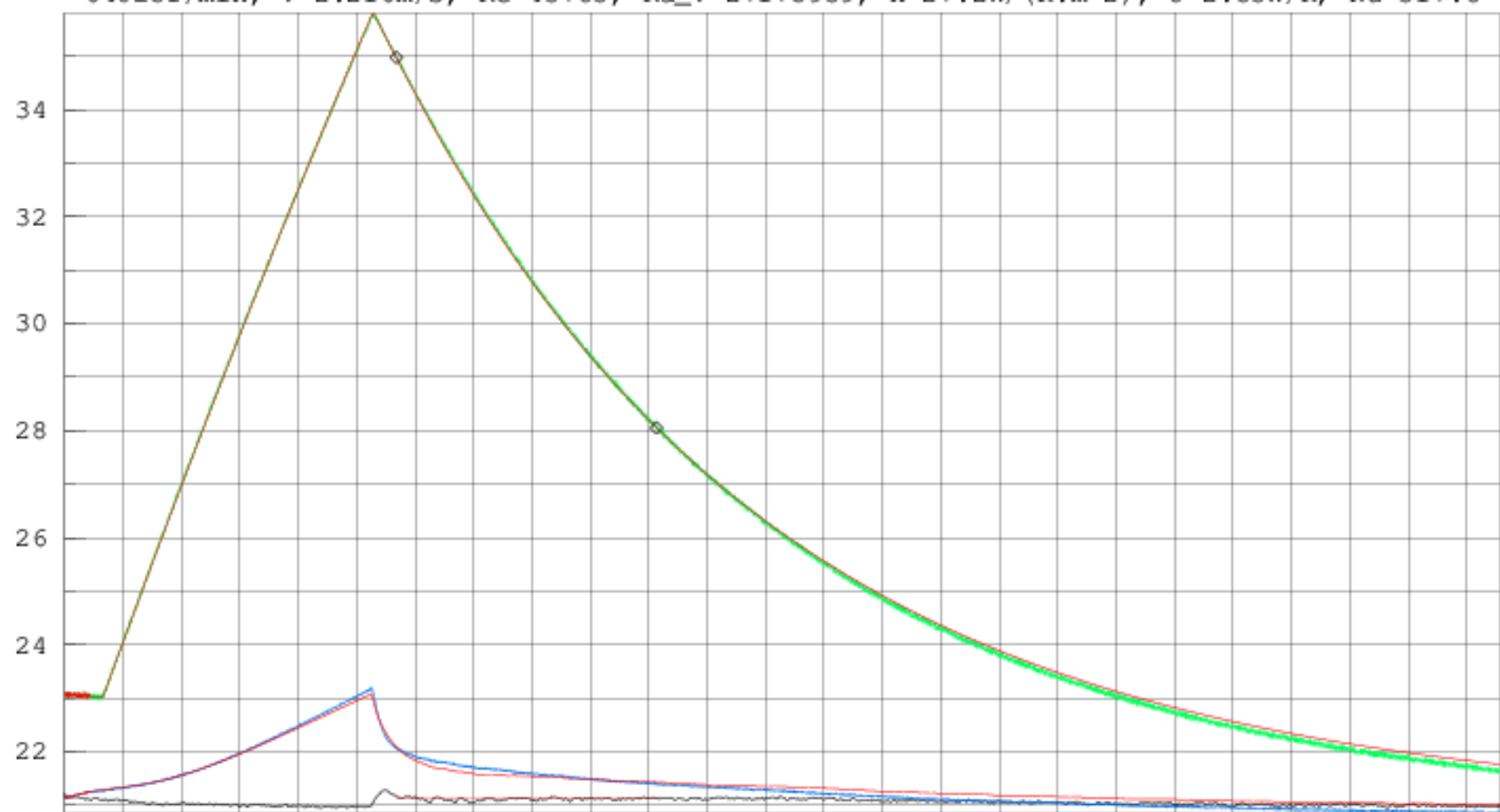


20161005T234155Z - mixed Convection - Roughness=3.00mm; T=19.6+10.2°C; +0.00°
455±9r/min, V=1.606m/s, Re=32120, Ra_V=28361980, h=20.7W/(K.m²), U=1.92W/K, Nu=242.5



20160926T024524Z - mixed Convection - Roughness=3.00mm; T=21.1+10.0°C; +0.00°
640±5r/min, V=2.216m/s, Re=43783, Ra_V=27175939, h=27.2W/(K.m²), U=2.53W/K, Nu=317.8

Temperature, C



Velocity, m/s

