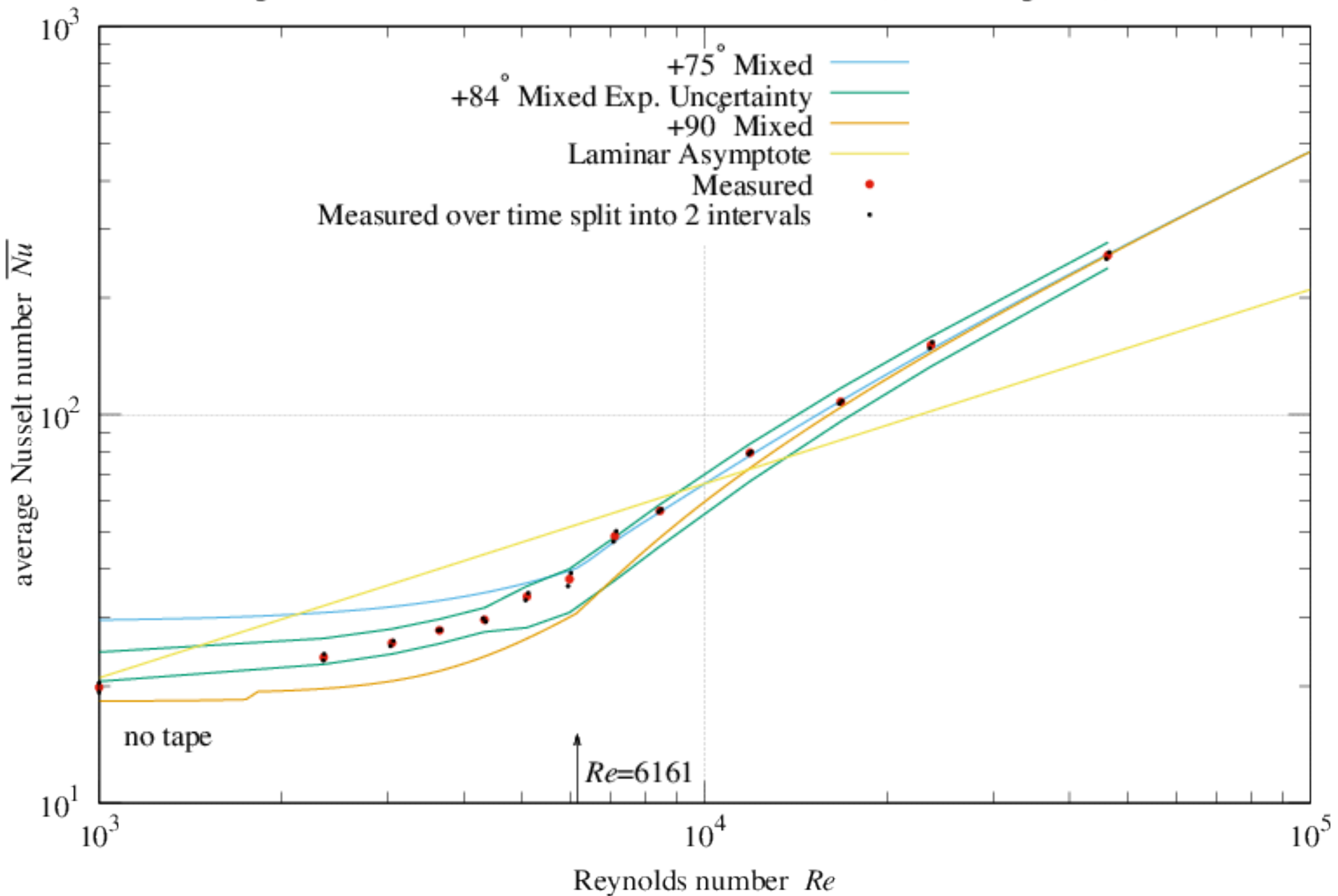
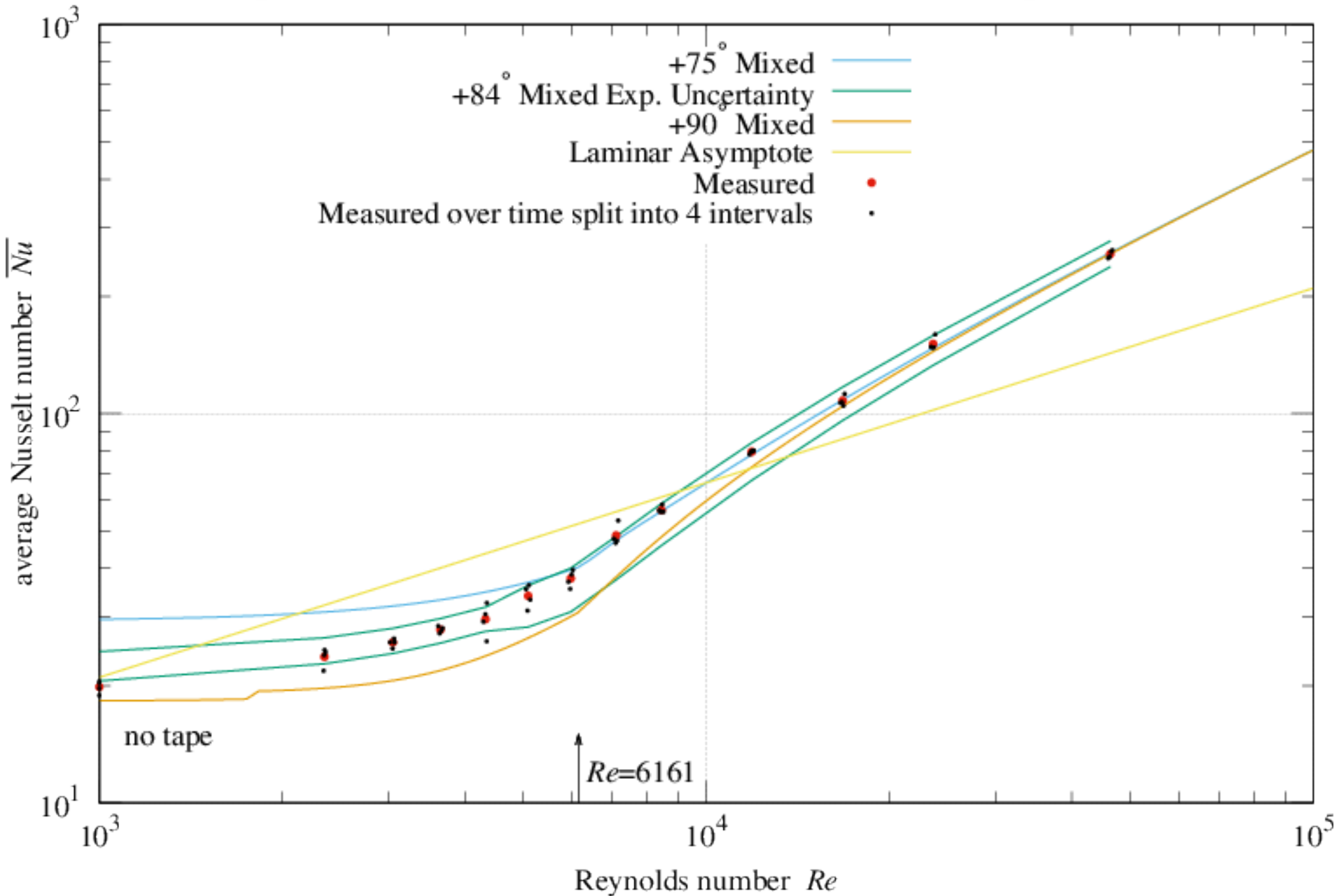


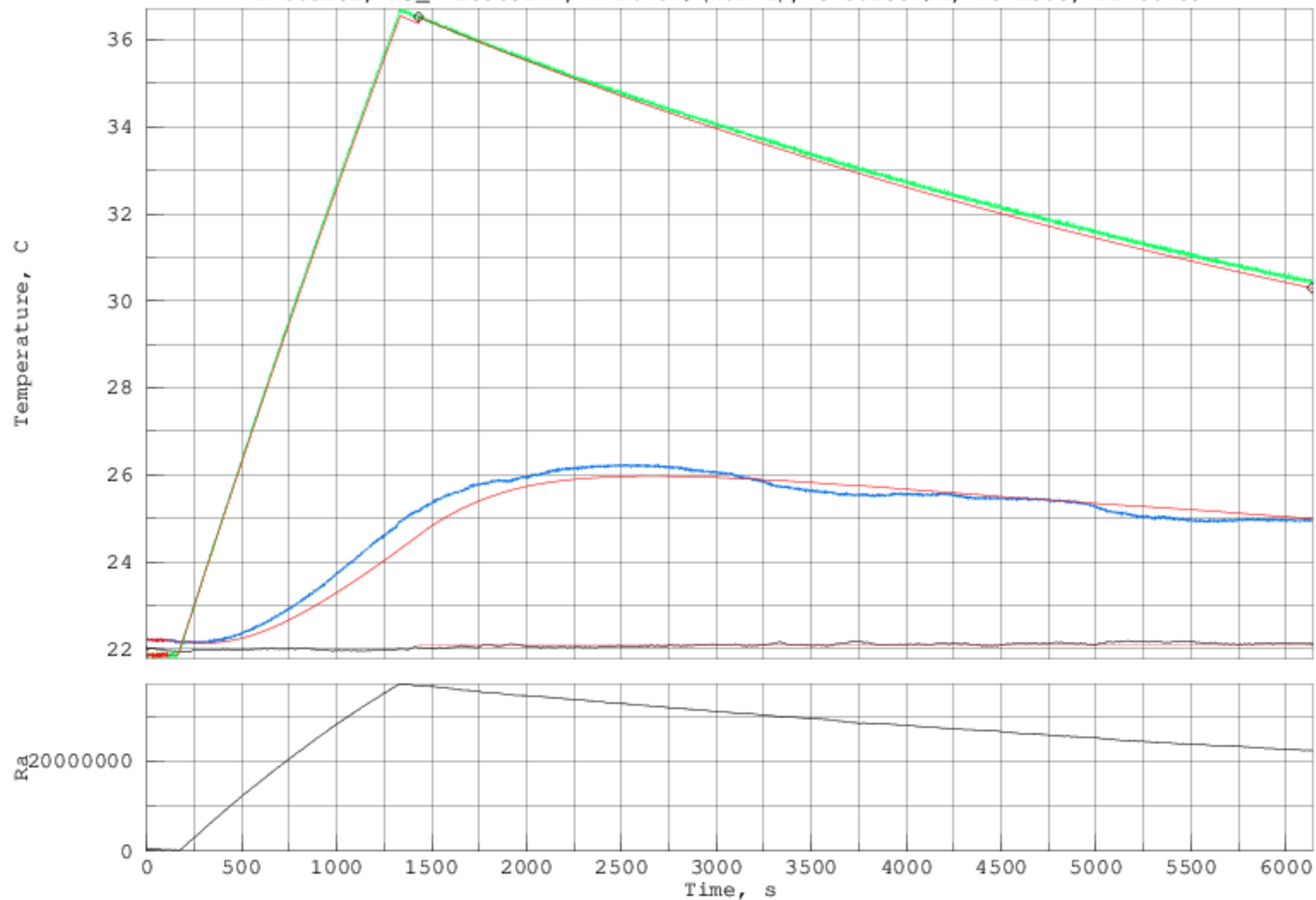
Aiding Mixed Convection From Inclined Plate $\theta = +84.5^\circ$, 1mm Roughness, $\Delta T = 11\text{K}$



Aiding Mixed Convection From Inclined Plate $\theta = +84.5^\circ$, 1mm Roughness, $\Delta T = 11\text{K}$

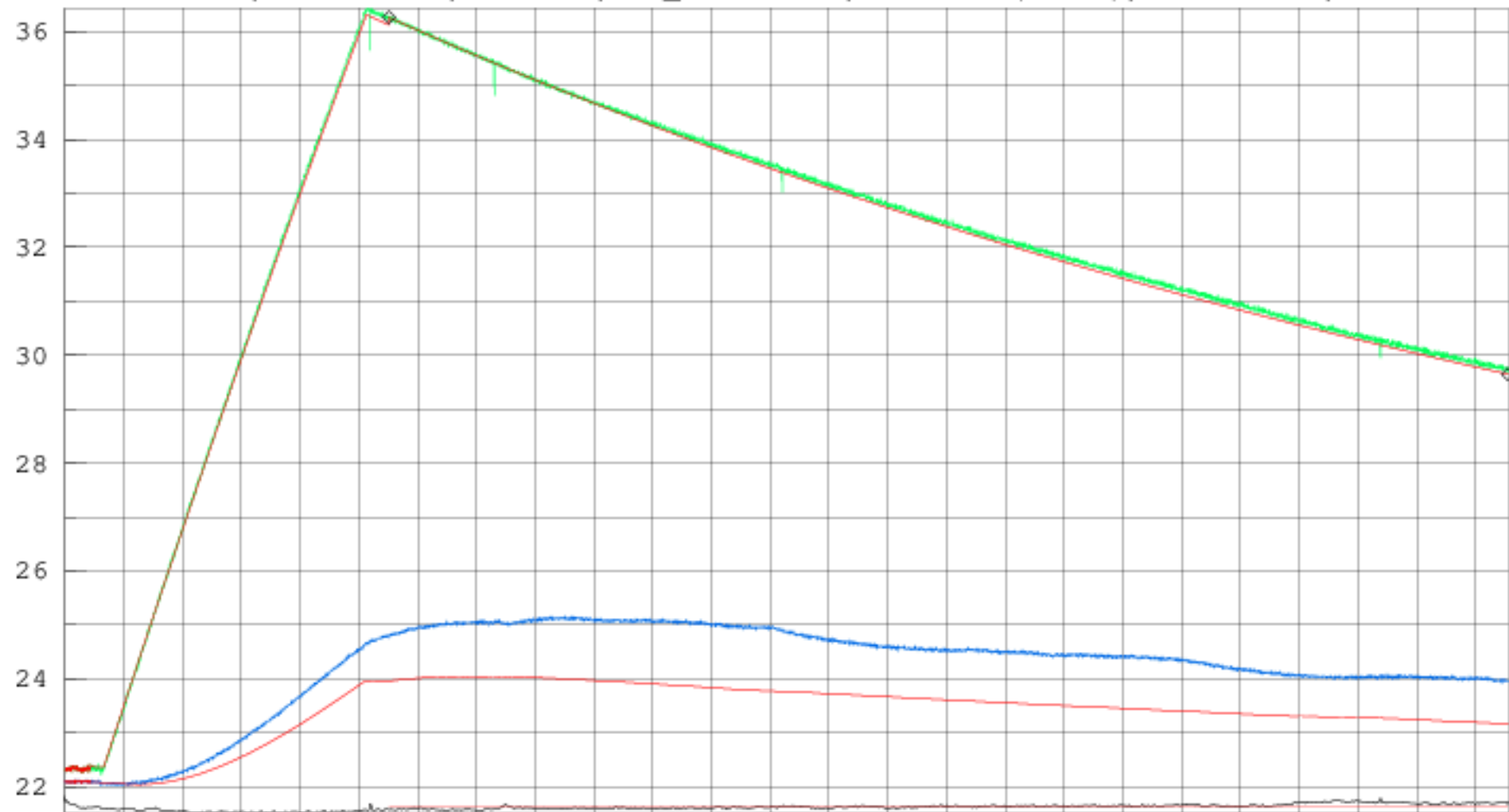


20170720T024939Z - mixed Convection - Roughness=1.13mm; T=22.1+11.1°C; +84.50°
k=0.0262, Ra_V=28903247, h=1.70W/(K.m^2), U=0.158W/K, Nu=19.8, Pr=0.709

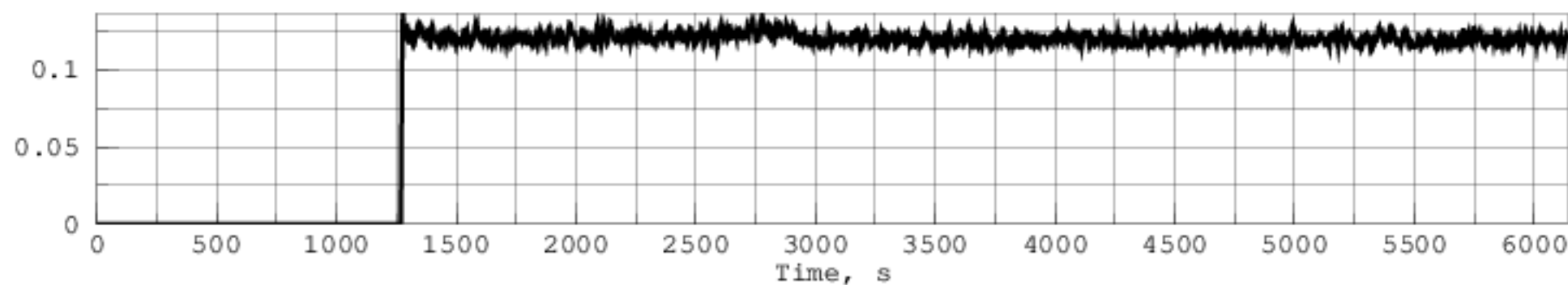


20170729T124730Z - mixed Convection - Roughness=1.13mm; T=21.6+11.0°C; +84.50°
31±4r/min, V=0.121m/s, Re=2350, Ra_V=28835478, h=2.03W/(K.m²), U=0.189W/K, Nu=23.7

Temperature, C

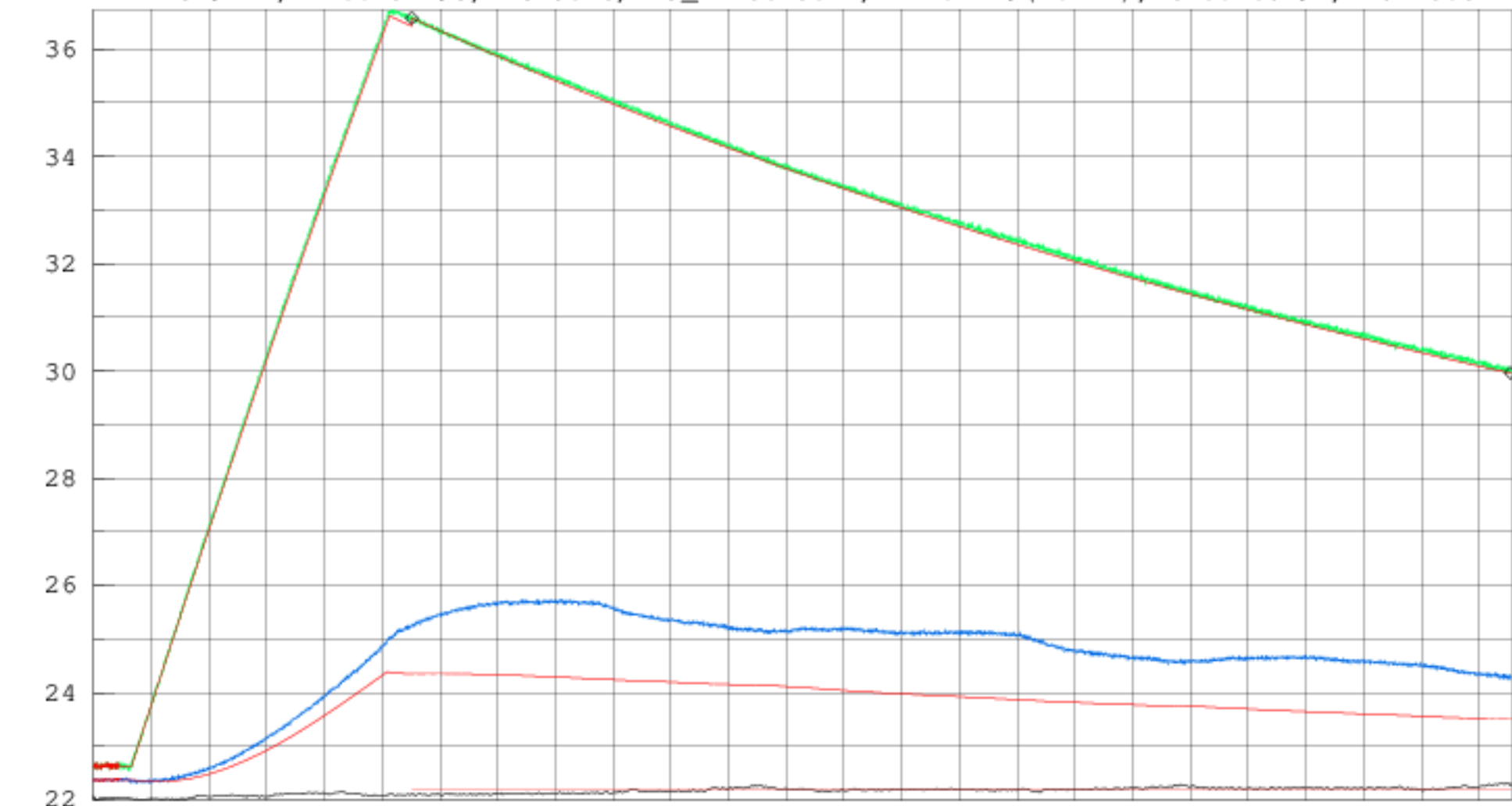


Velocity, m/s

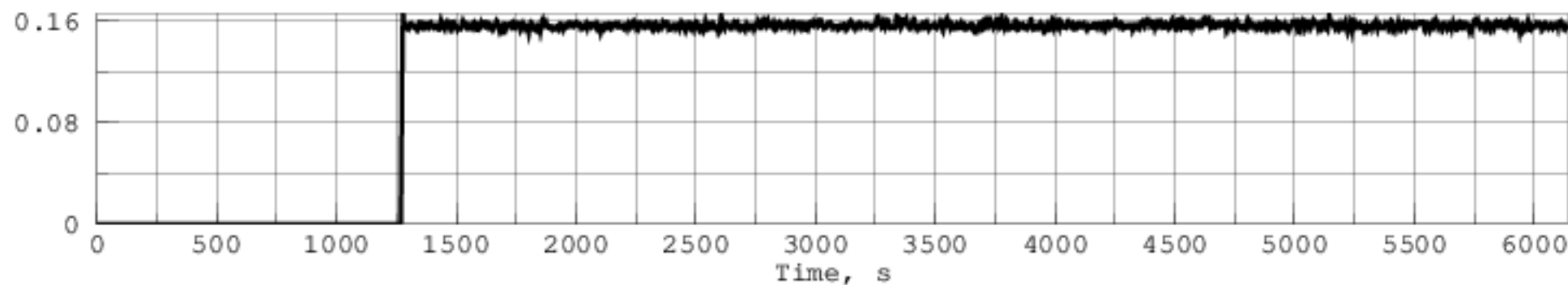


20170720T124000Z - mixed Convection - Roughness=1.13mm; T=22.2+10.7°C; +84.50°
41±3r/min, V=0.157m/s, Re=3045, Ra_V=28075014, h=2.21W/(K.m²), U=0.206W/K, Nu=25.8

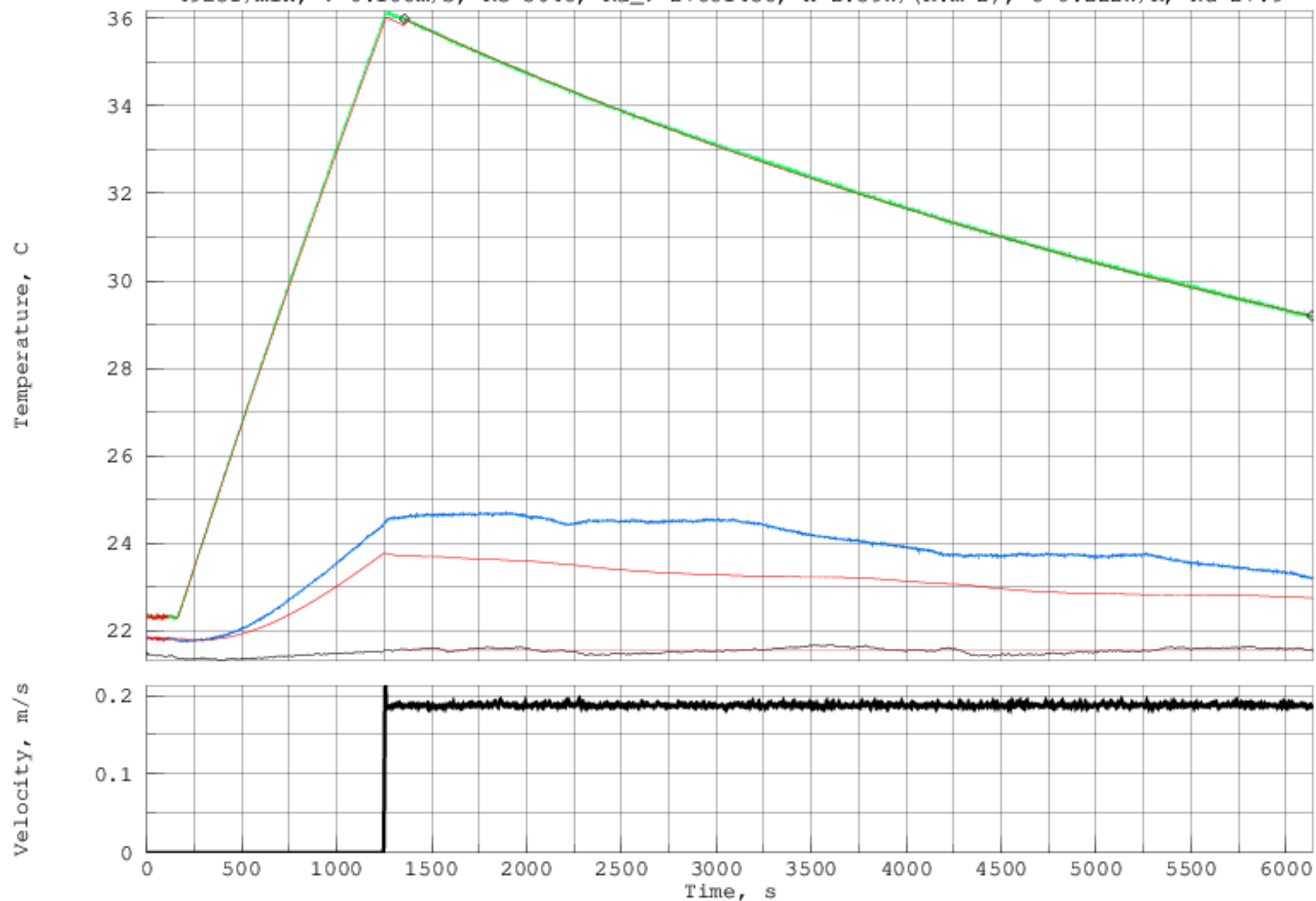
Temperature, C



Velocity, m/s

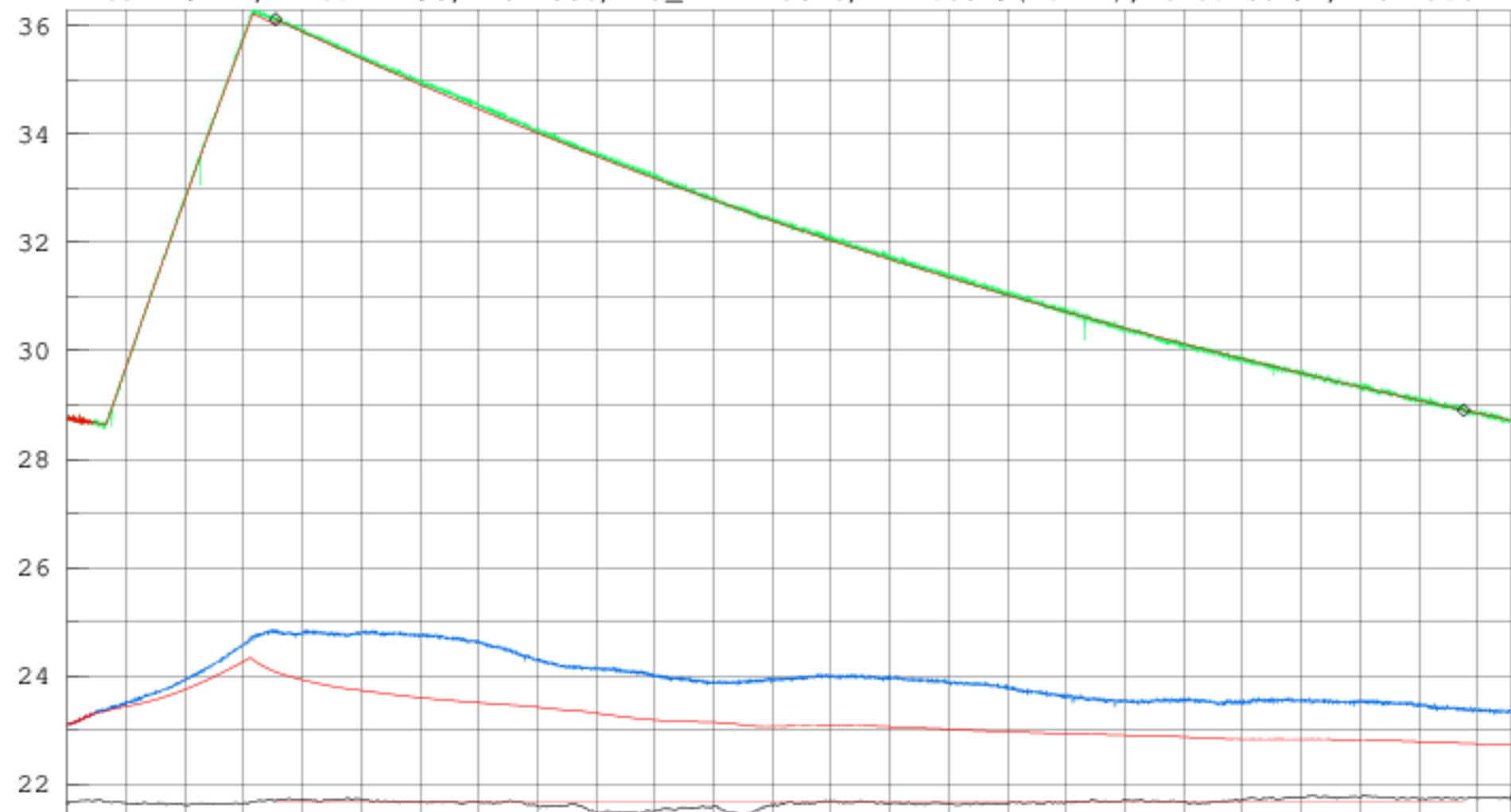


20170720T220012Z - mixed Convection - Roughness=1.13mm; T=21.6+10.6°C; +84.50°
49±3r/min, V=0.188m/s, Re=3648, Ra_V=27881438, h=2.39W/(K.m²), U=0.222W/K, Nu=27.9

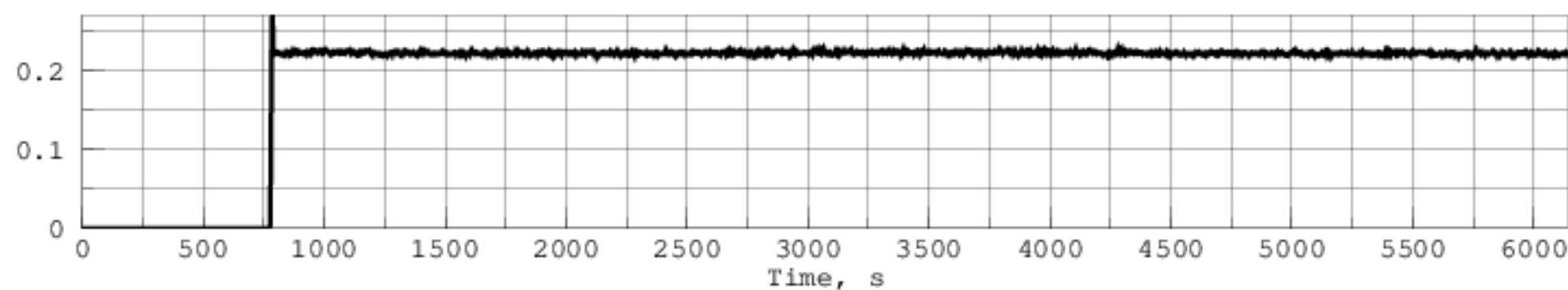


20170720T234857Z - mixed Convection - Roughness=1.13mm; T=21.7+10.4°C; +84.50°
58±4r/min, V=0.222m/s, Re=4330, Ra_V=27279378, h=2.53W/(K.m²), U=0.236W/K, Nu=29.6

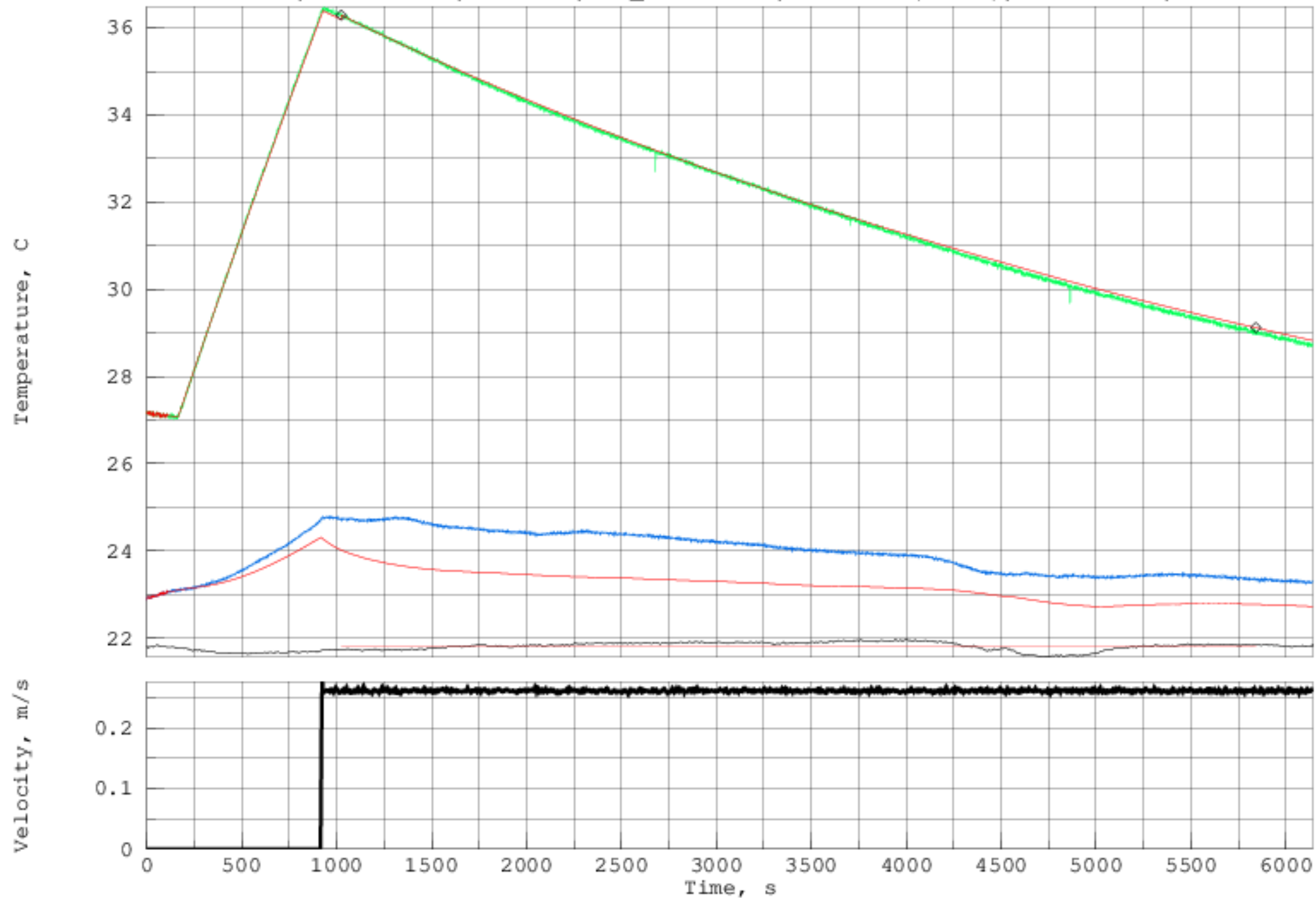
Temperature, C



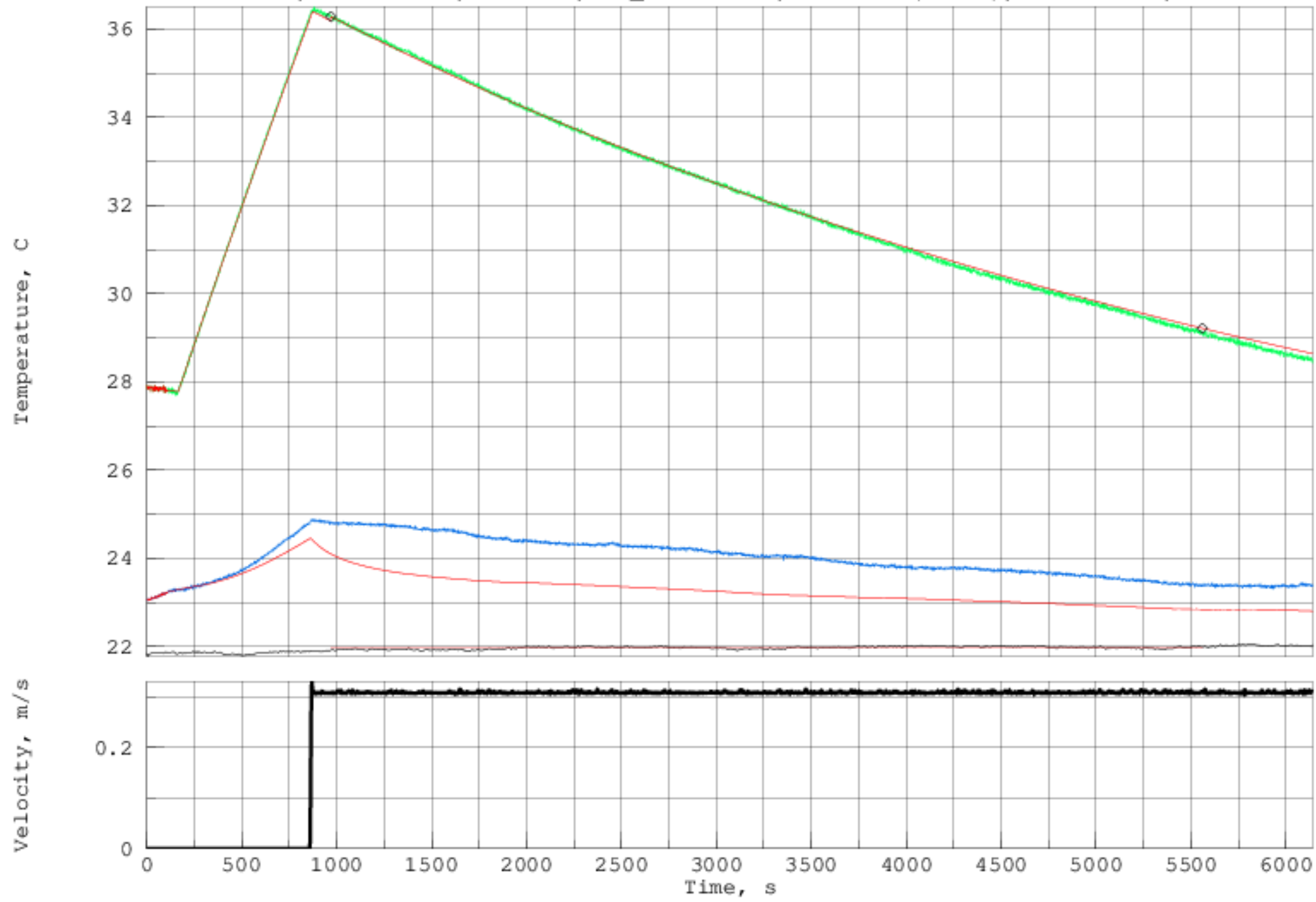
Velocity, m/s



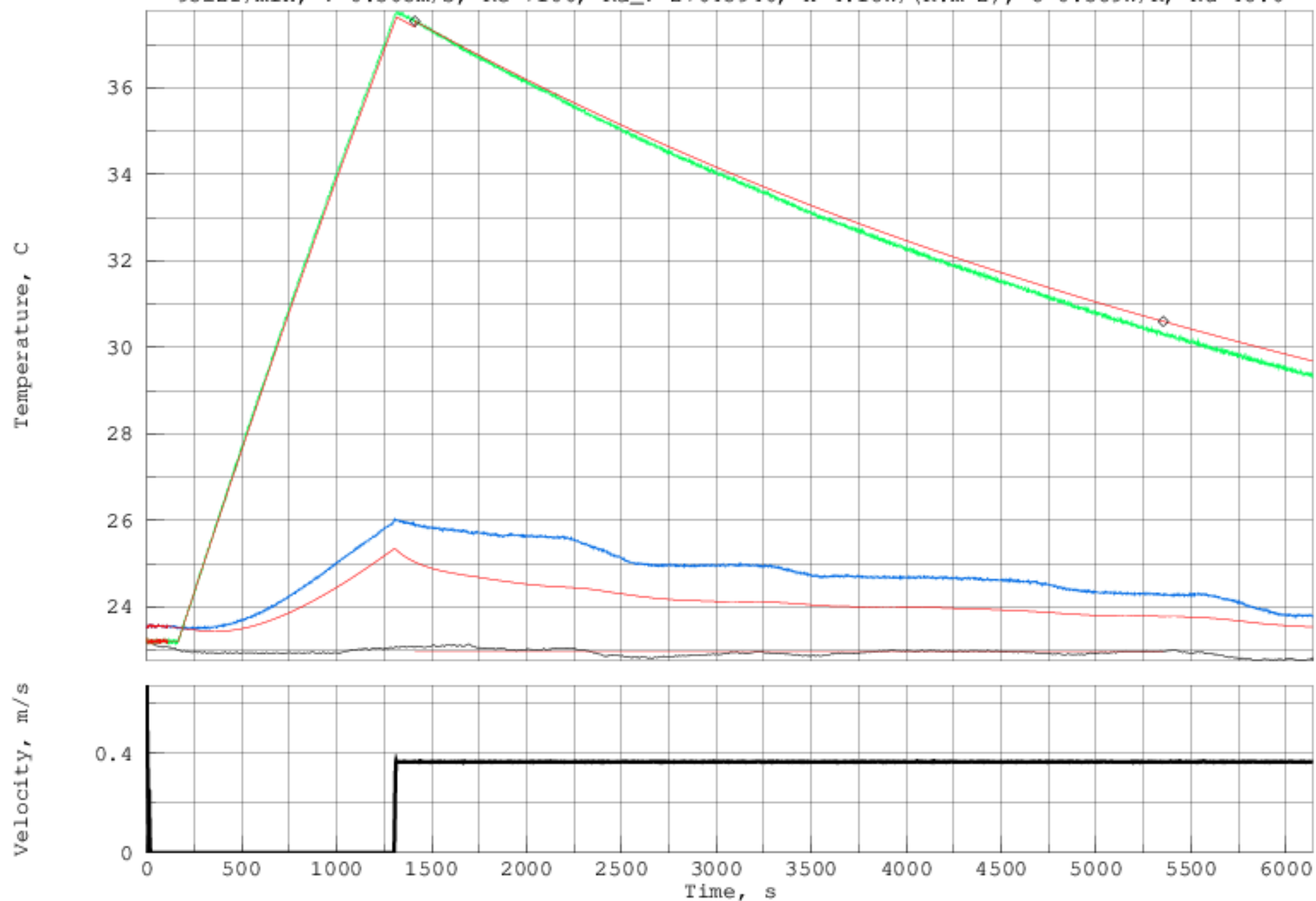
20170721T020158Z - mixed Convection - Roughness=1.13mm; T=21.8+10.4°C; +84.50°
68±4r/min, V=0.262m/s, Re=5089, Ra_V=27176294, h=2.91W/(K.m²), U=0.271W/K, Nu=34.0



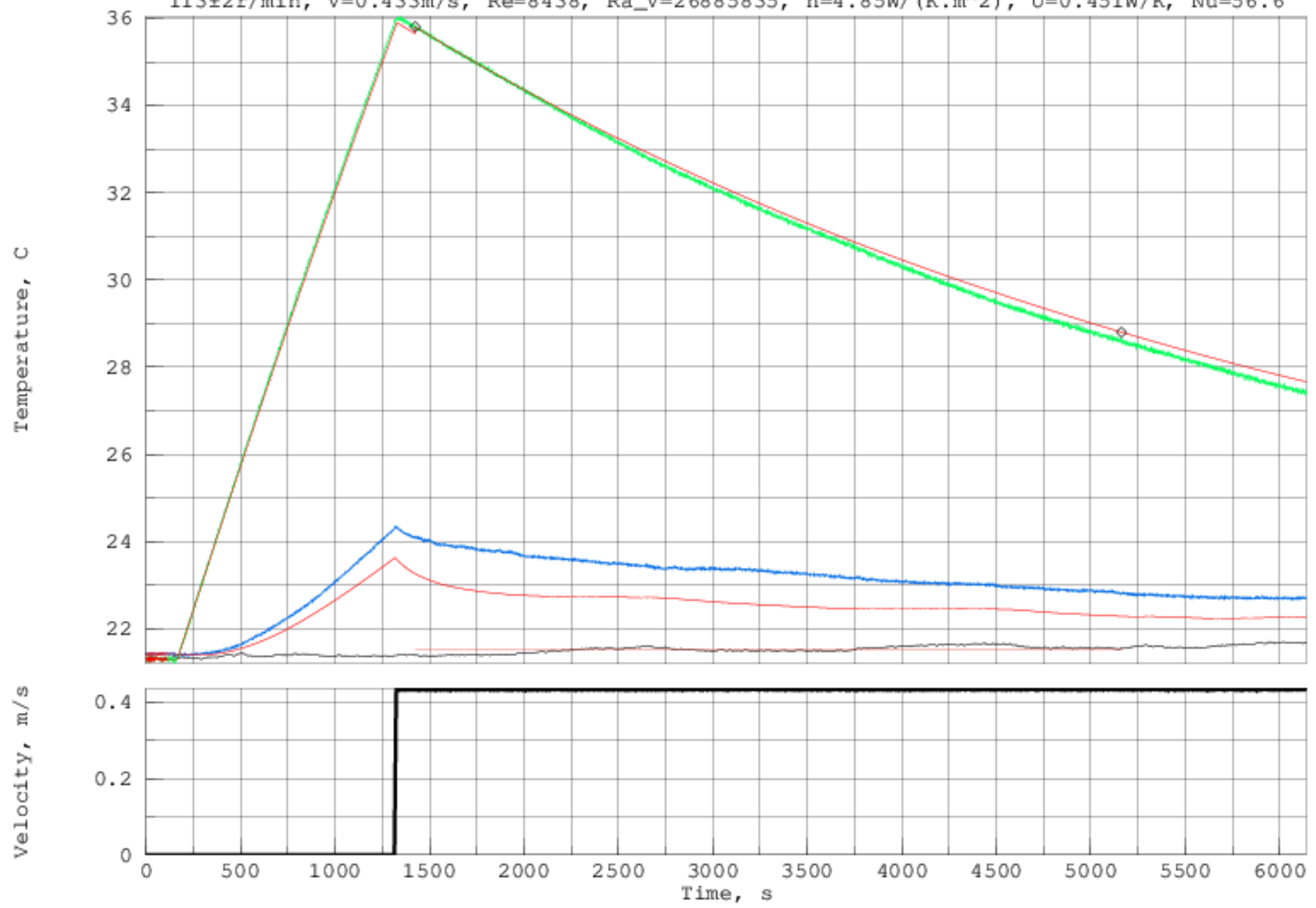
20170721T035904Z - mixed Convection - Roughness=1.13mm; T=22.0+10.3°C; +84.50°
80±2r/min, V=0.308m/s, Re=5982, Ra_V=26946241, h=3.23W/(K.m²), U=0.300W/K, Nu=37.7



20170804T200013Z - mixed Convection - Roughness=1.13mm; $T=23.0\pm 10.6^{\circ}\text{C}$; $+84.50^{\circ}$
 $95\pm 2\text{r/min}$, $V=0.365\text{m/s}$, $\text{Re}=7106$, $\text{Ra}_V=27645946$, $h=4.18\text{W}/(\text{K}\cdot\text{m}^2)$, $U=0.389\text{W}/\text{K}$, $\text{Nu}=48.6$

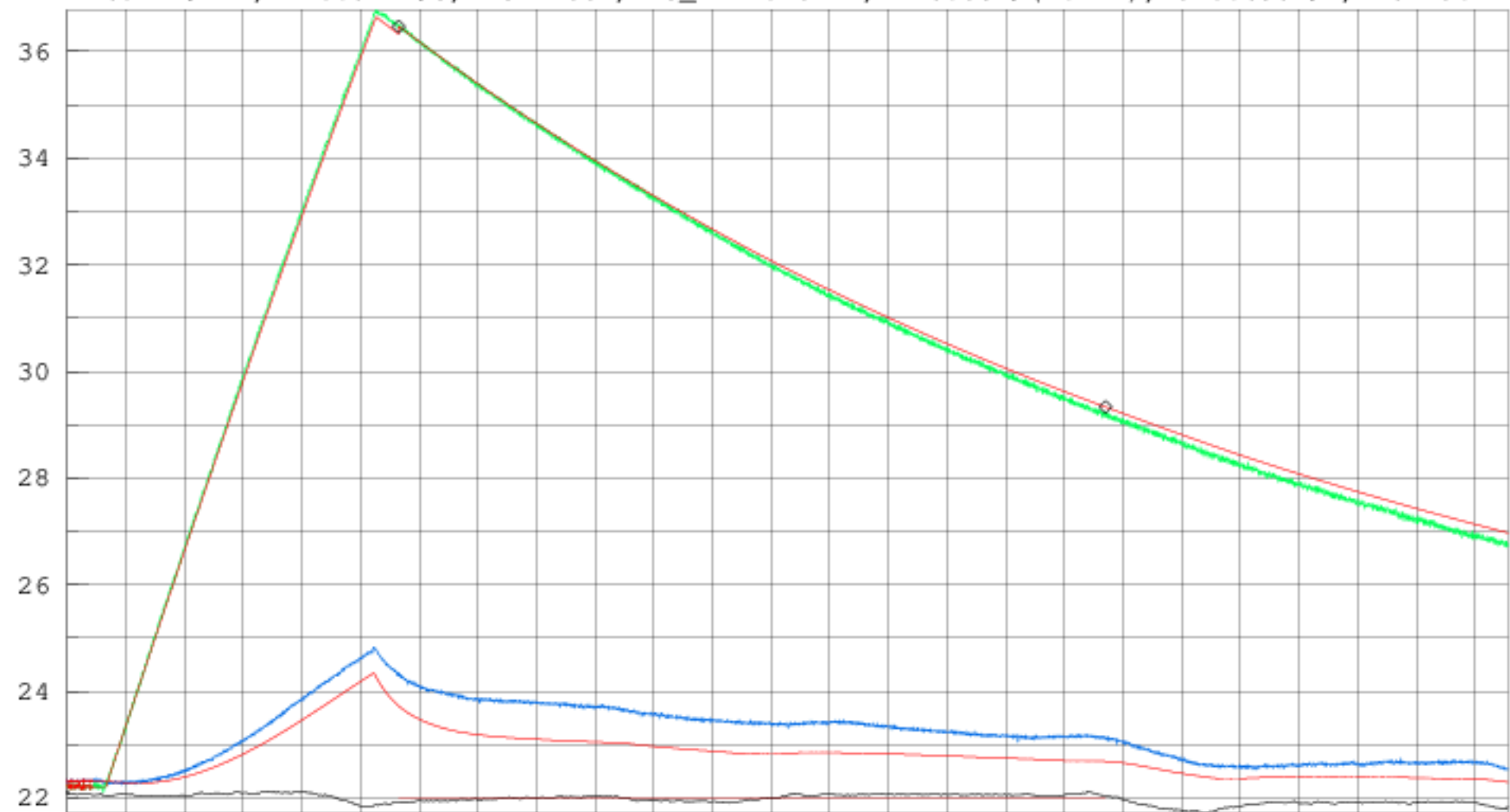


20170728T185201Z - mixed Convection - Roughness=1.13mm; T=21.5+10.2°C; +84.50°
113±2r/min, V=0.433m/s, Re=8438, Ra_V=26885835, h=4.85W/(K.m²), U=0.451W/K, Nu=56.6

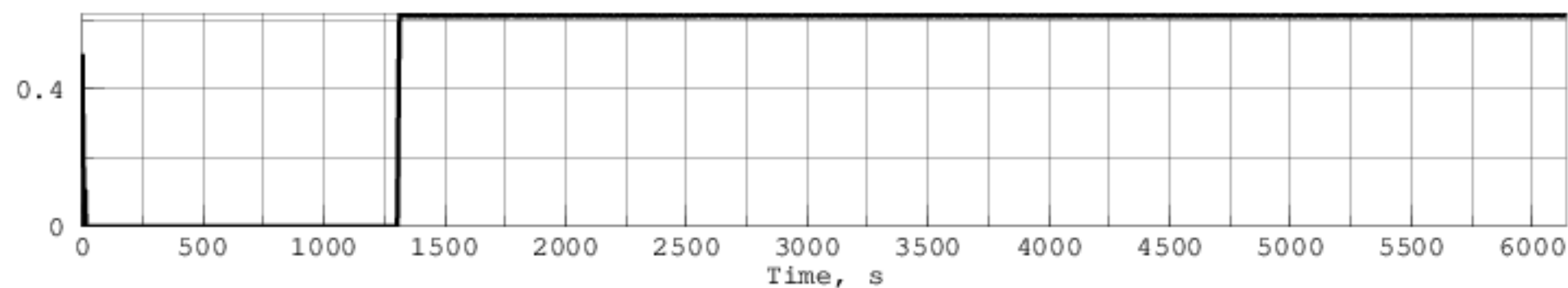


20170721T182604Z - mixed Convection - Roughness=1.13mm; $T=22.0\pm 10.4^{\circ}\text{C}$; $+84.50^{\circ}$
 $160\pm 1\text{r/min}$, $V=0.612\text{m/s}$, $\text{Re}=11881$, $\text{Ra}_V=27048721$, $h=6.83\text{W}/(\text{K}\cdot\text{m}^2)$, $U=0.636\text{W}/\text{K}$, $\text{Nu}=79.7$

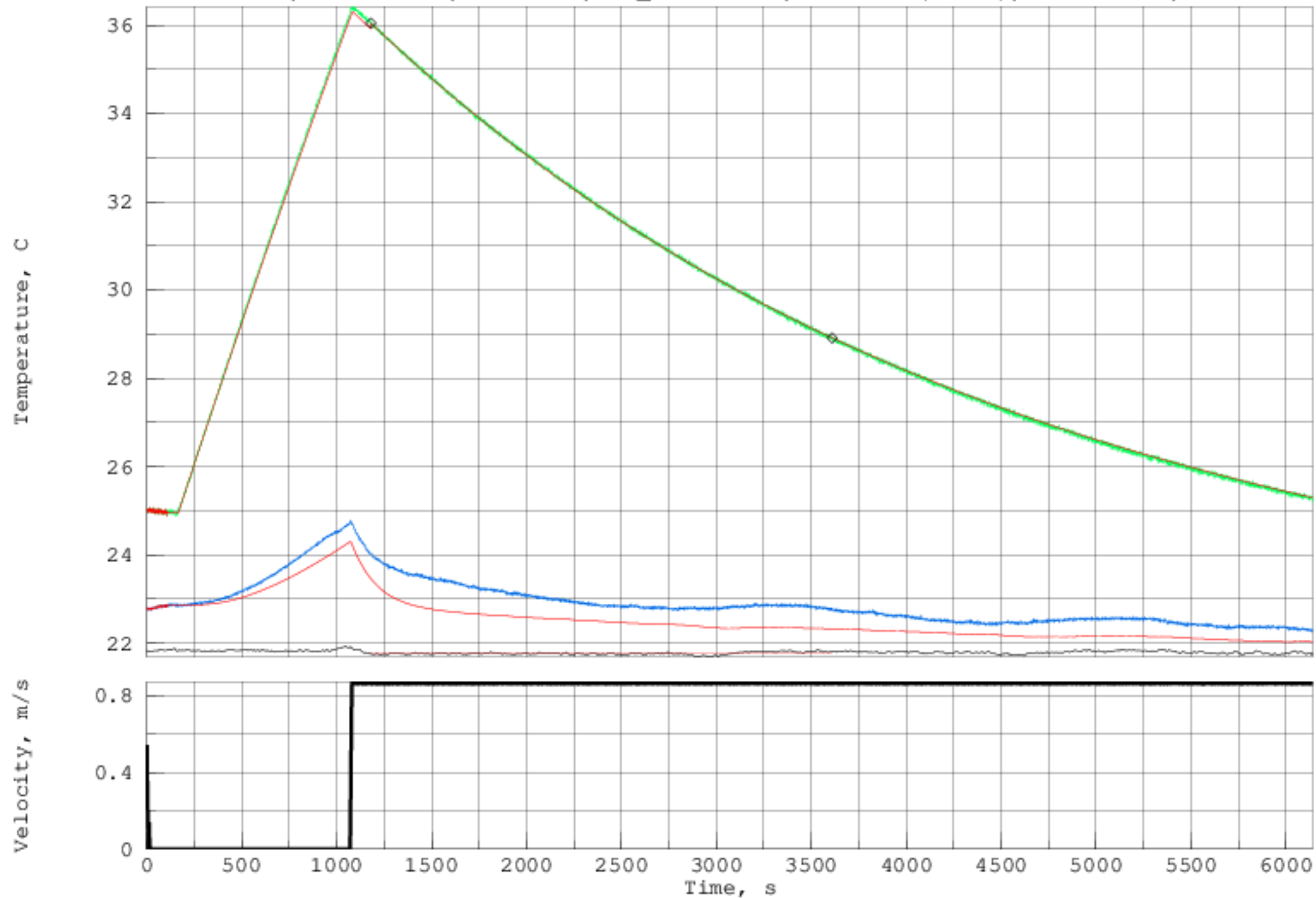
Temperature, C



Velocity, m/s

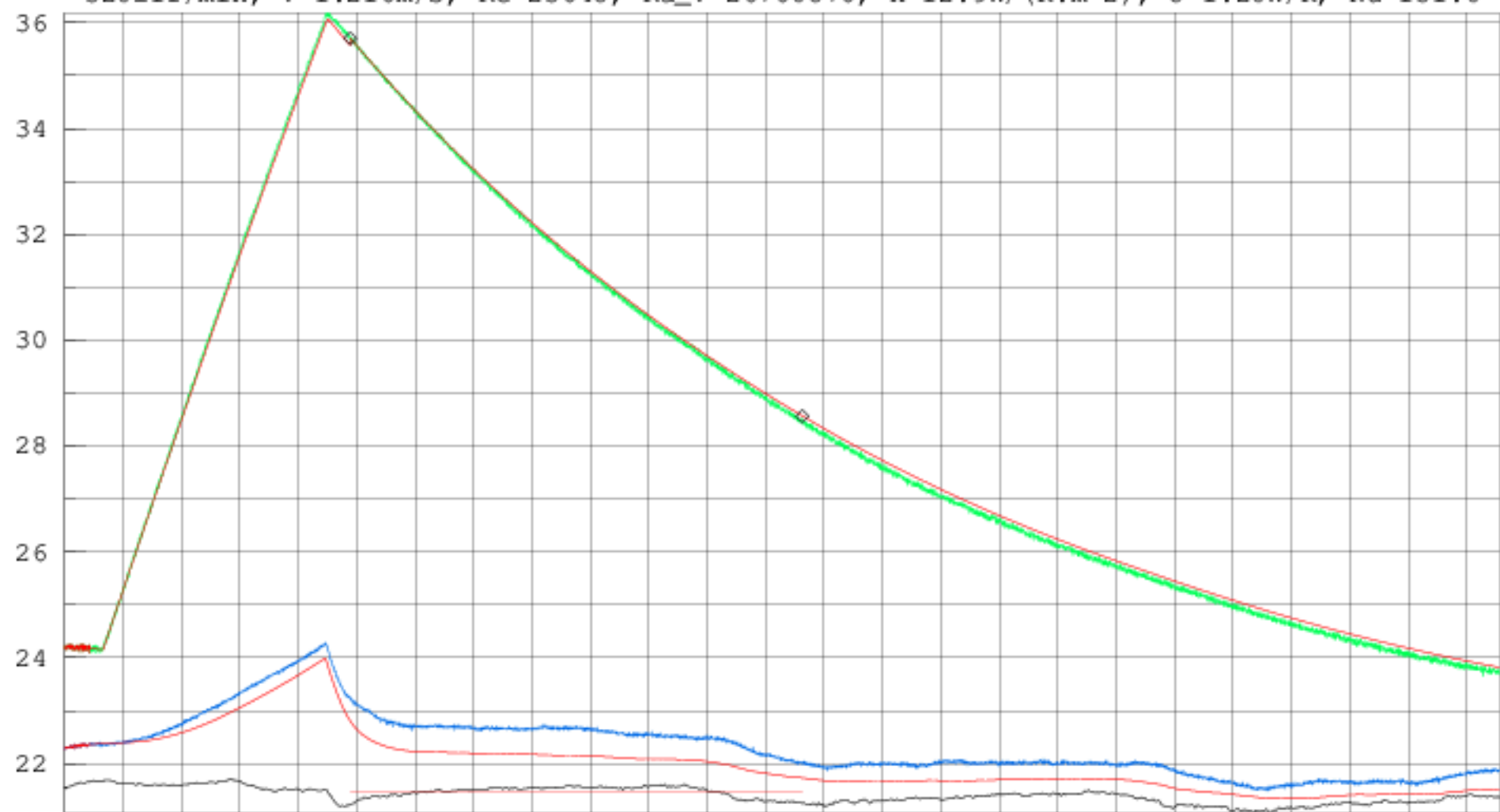


20170728T214028Z - mixed Convection - Roughness=1.13mm; T=21.8+10.3°C; +84.50°
226±2r/min, V=0.863m/s, Re=16774, Ra_V=26942553, h=9.22W/(K.m²), U=0.857W/K, Nu=107.6

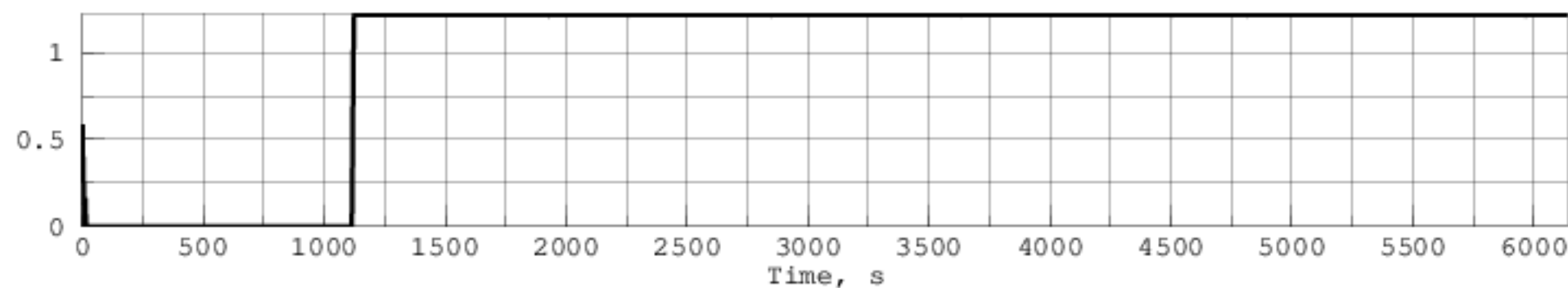


20170721T211436Z - mixed Convection - Roughness=1.13mm; T=21.5+10.2°C; +84.50°
320±1r/min, V=1.216m/s, Re=23648, Ra_V=26760876, h=12.9W/(K.m²), U=1.20W/K, Nu=151.0

Temperature, C

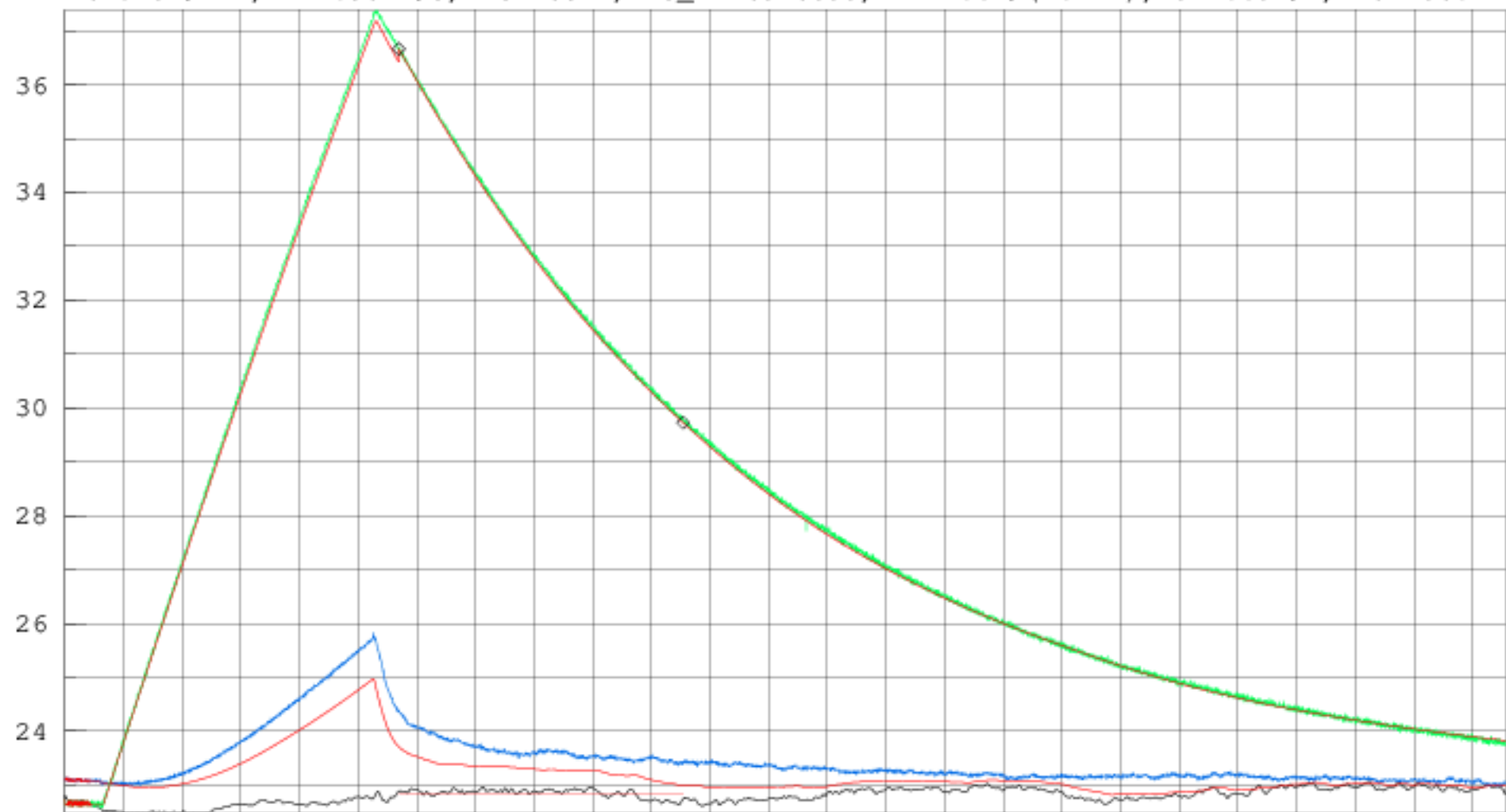


Velocity, m/s



20170804T015248Z - mixed Convection - Roughness=1.13mm; T=22.9+10.0°C; +84.50°
640±5r/min, V=2.361m/s, Re=46311, Ra_V=26576895, h=22.0W/(K.m²), U=2.05W/K, Nu=256.7

Temperature, C



Velocity, m/s

