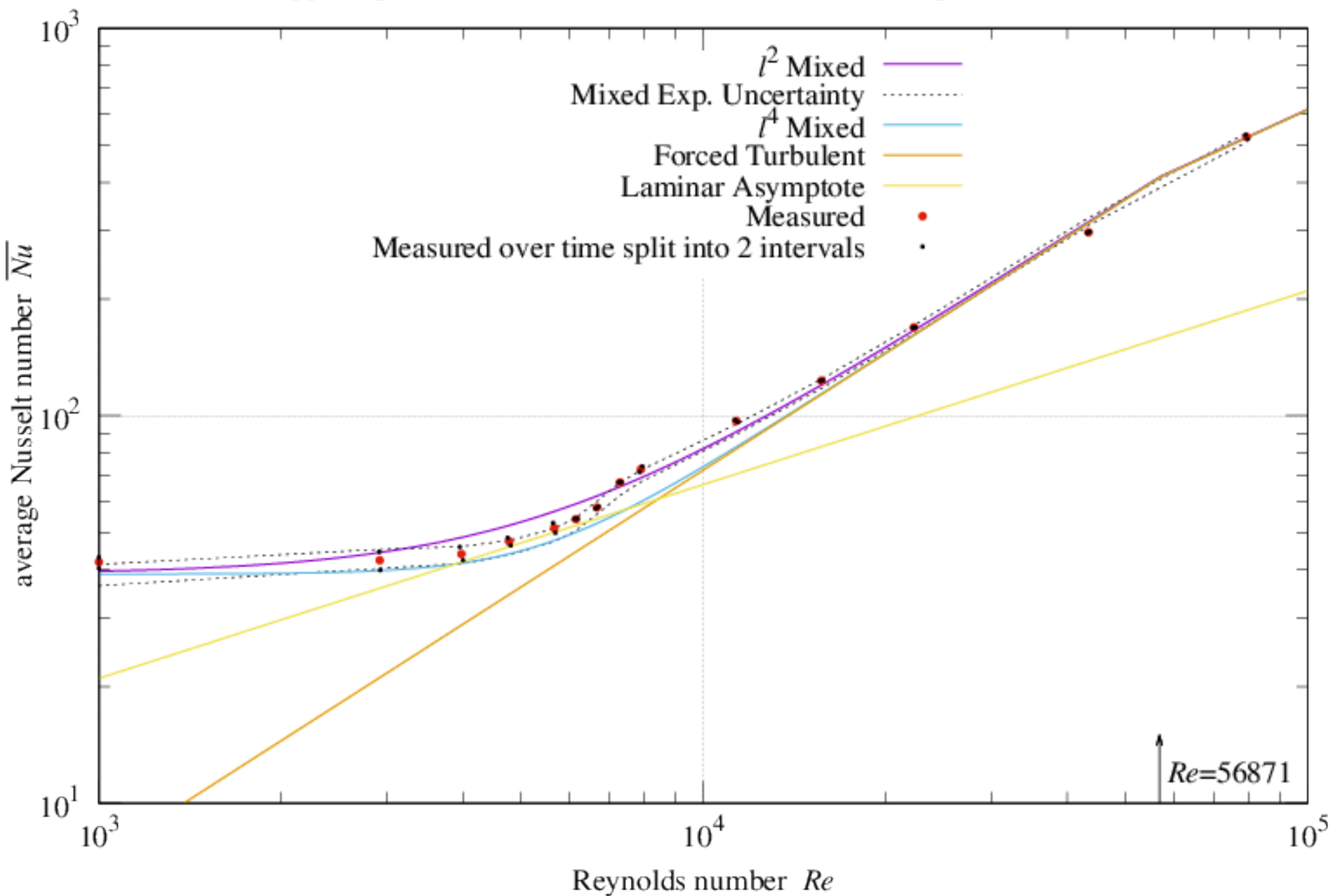
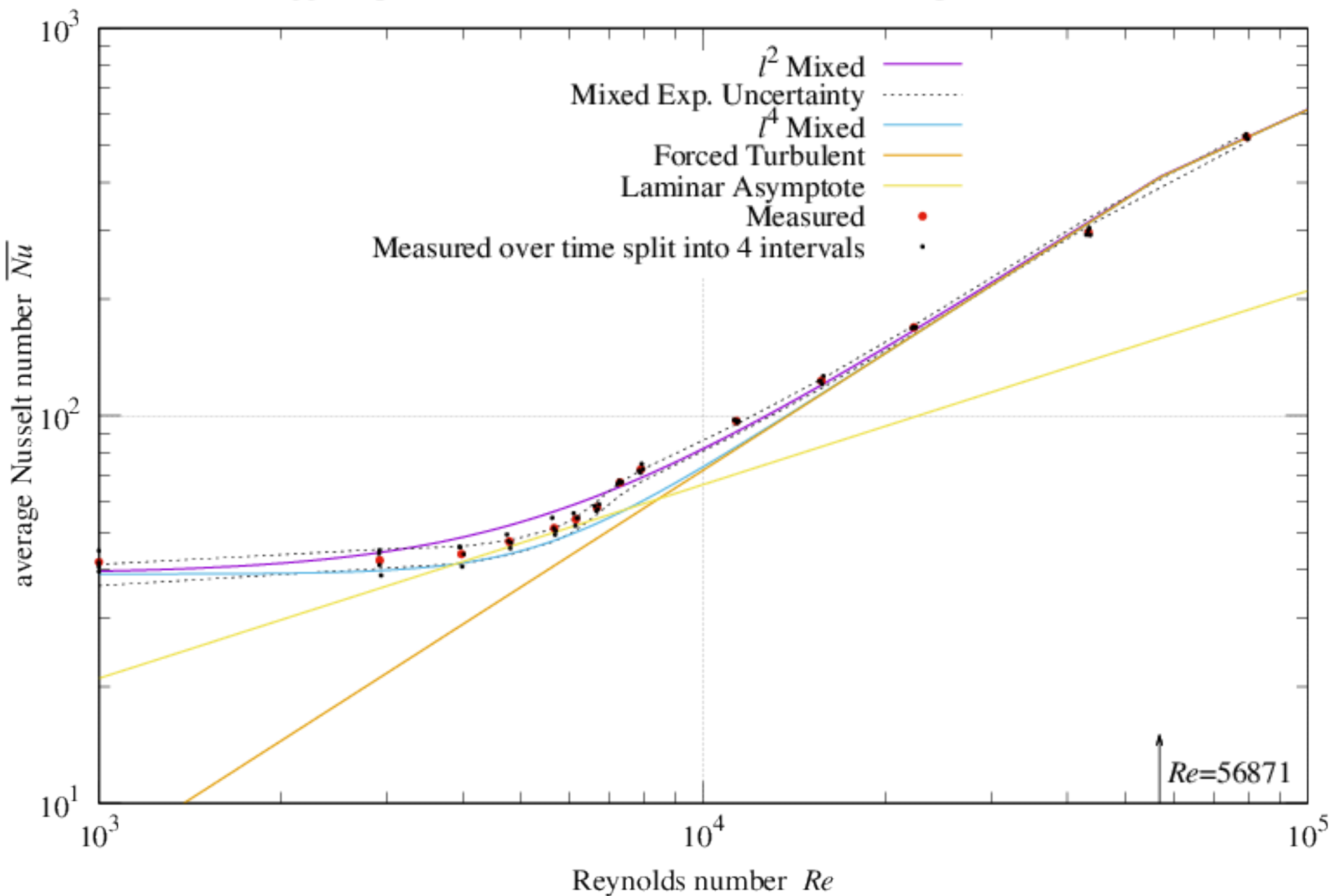


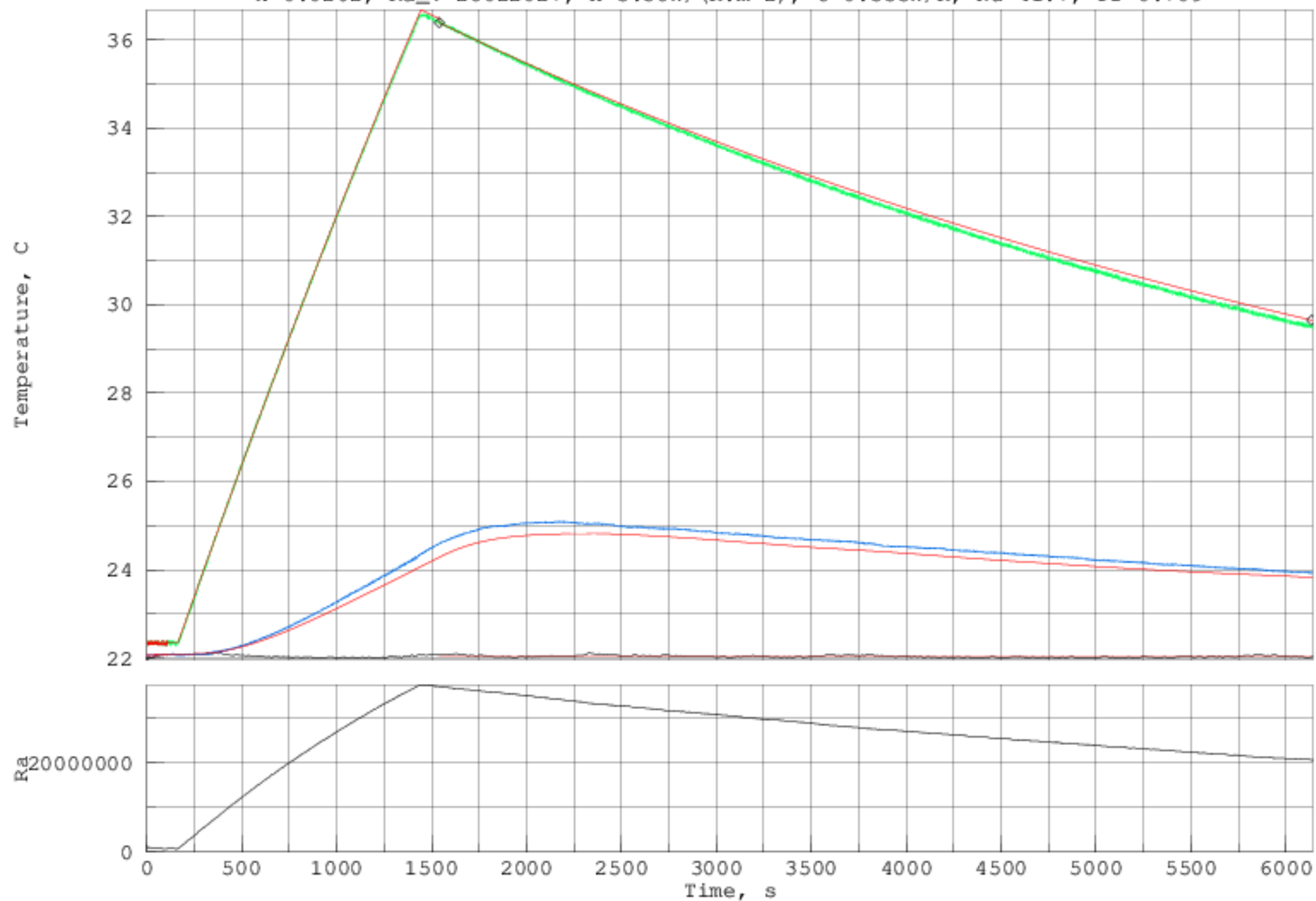
Opposing Mixed Convection Vertical Plate, 3mm Roughness, $\Delta T=10\text{K}$



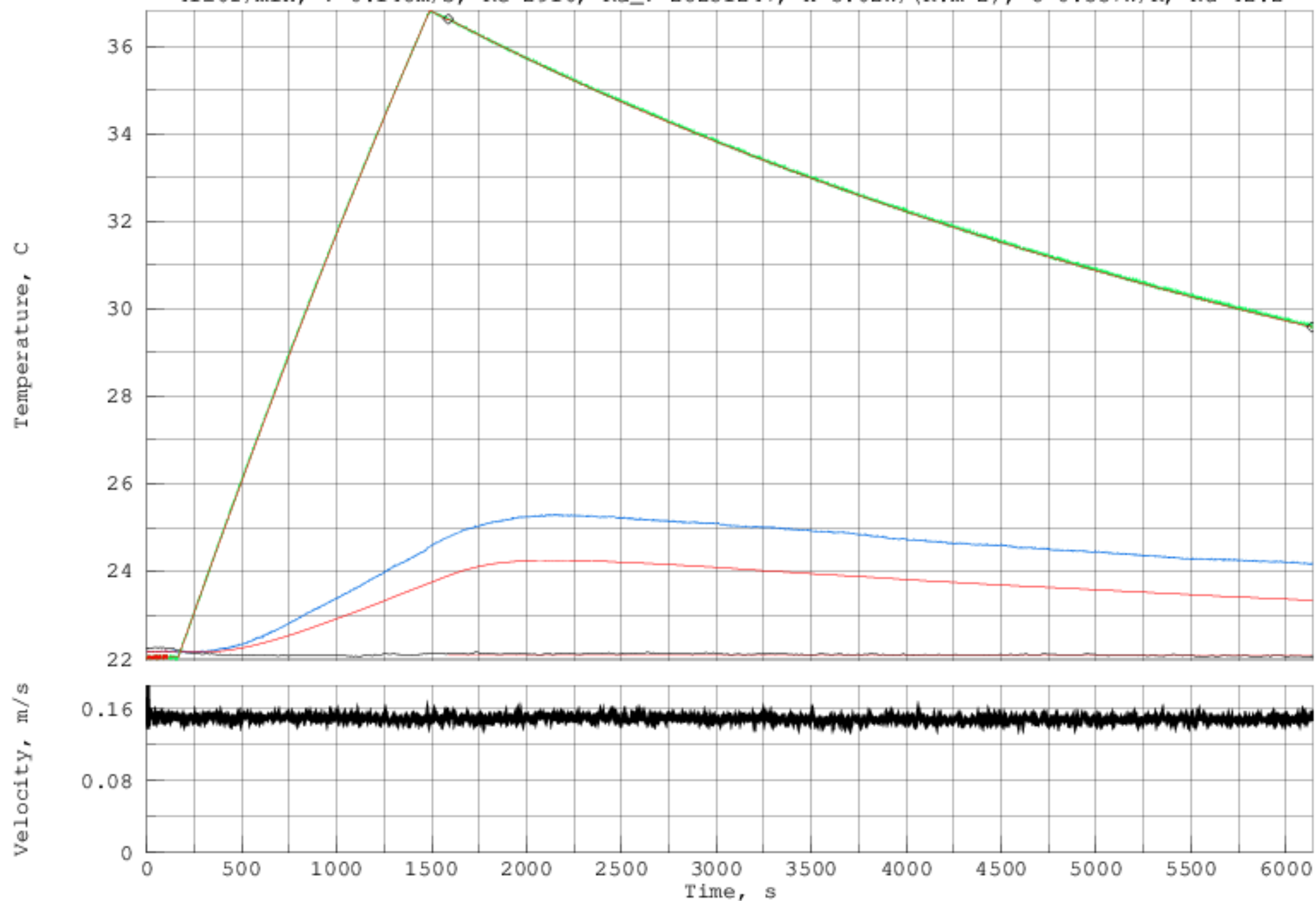
Opposing Mixed Convection Vertical Plate, 3mm Roughness, $\Delta T=10\text{K}$



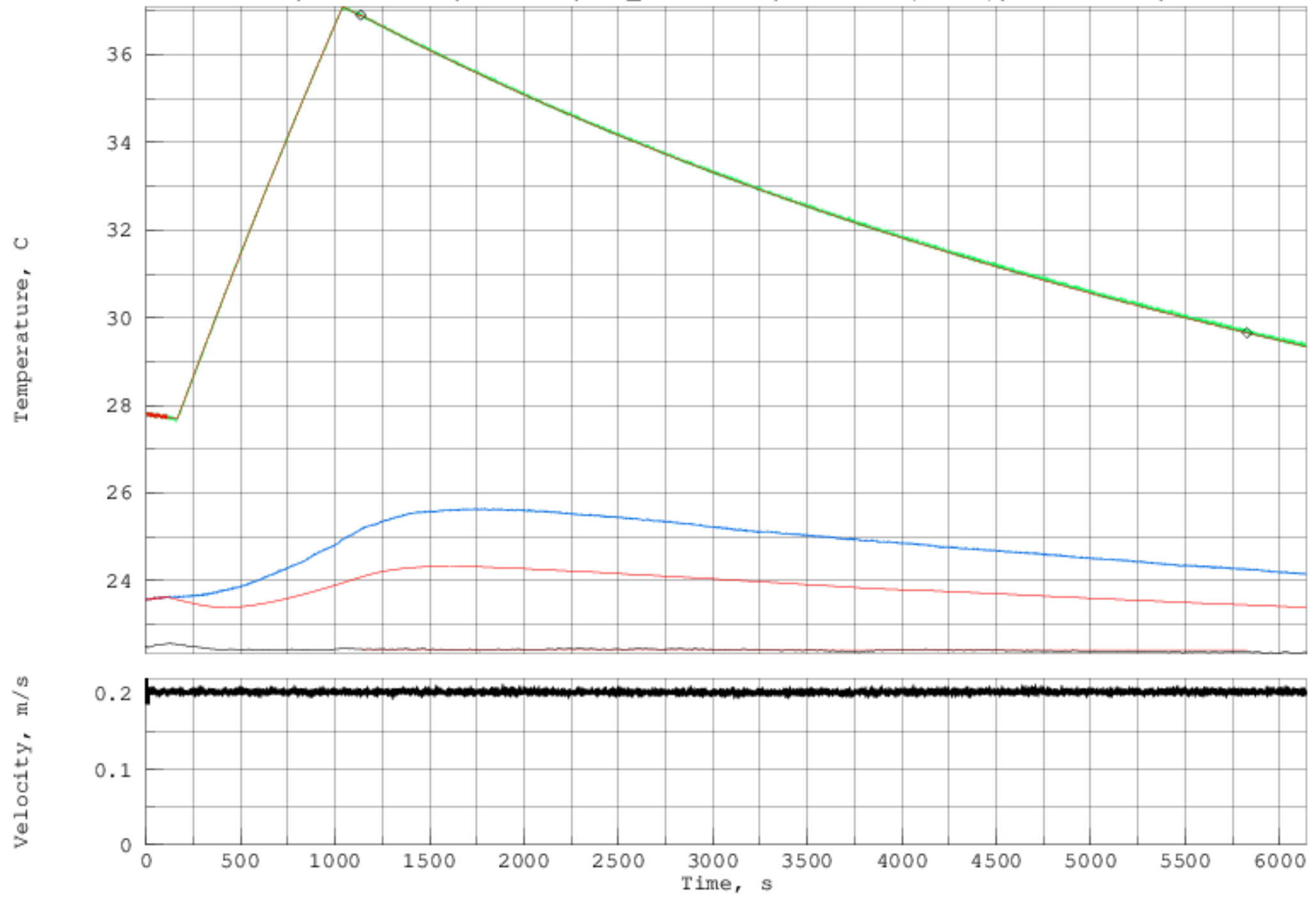
20160912T115846Z - mixed Convection - Roughness=3.00mm; T=22.0+10.5°C; +0.00°
k=0.0262, Ra_V=28022027, h=3.58W/(K.m^2), U=0.333W/K, Nu=41.7, Pr=0.709



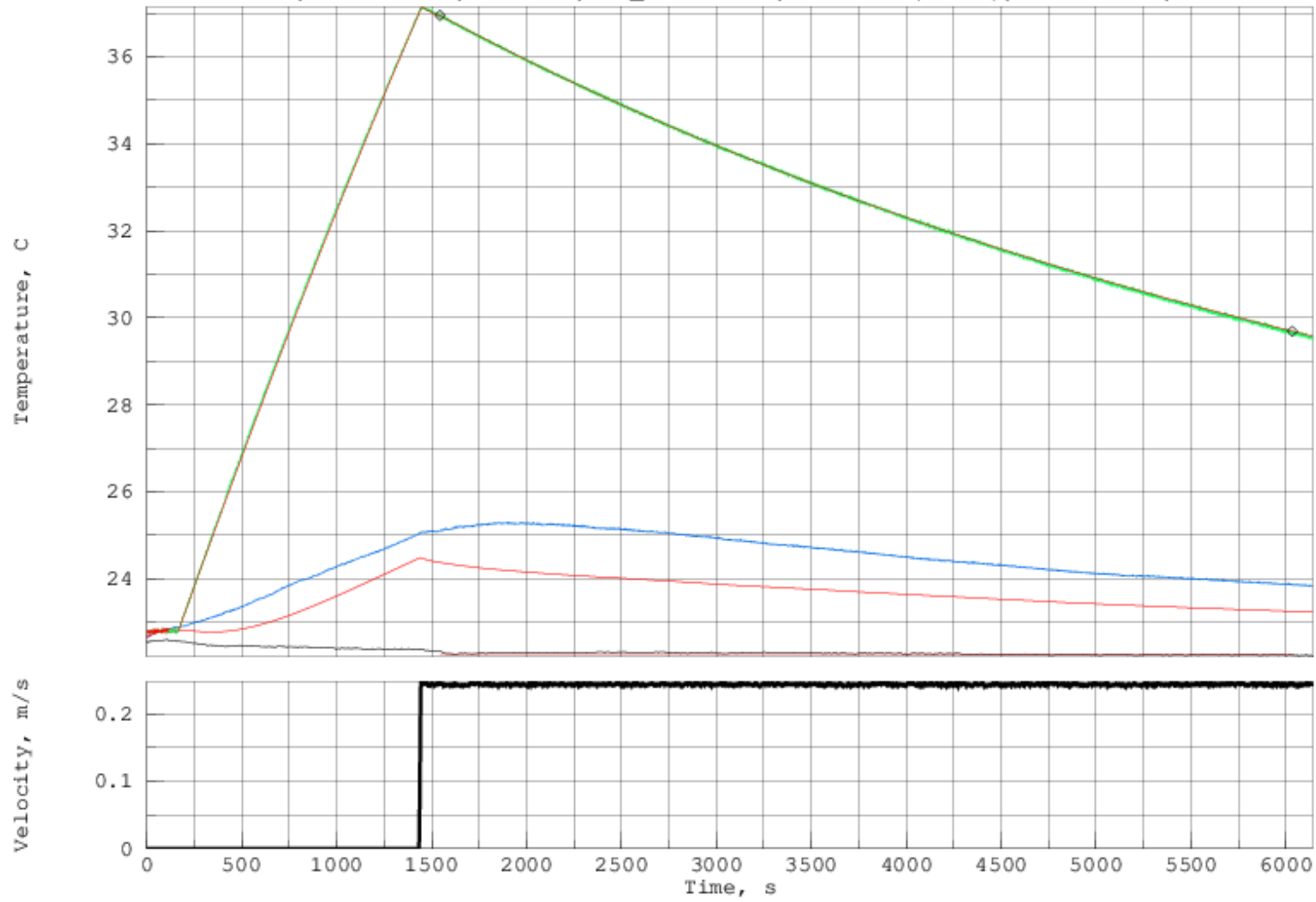
20160915T231341Z - mixed Convection - Roughness=3.00mm; T=22.1+10.6°C; +0.00°
41±6r/min, V=0.148m/s, Re=2916, Ra_V=28251247, h=3.62W/(K.m²), U=0.337W/K, Nu=42.2



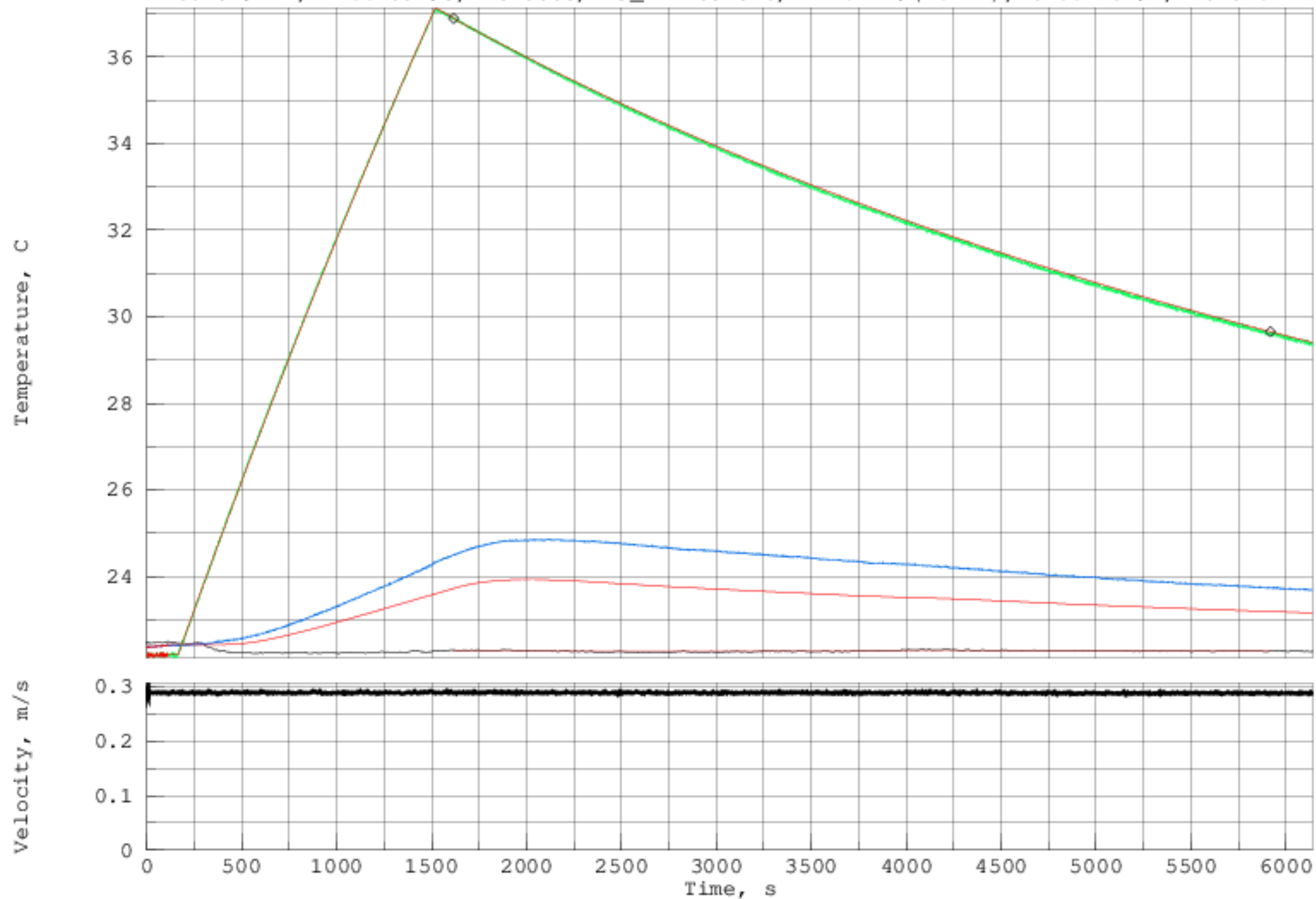
20160913T013807Z - mixed Convection - Roughness=3.00mm; T=22.4+10.4°C; +0.00°
56±4r/min, V=0.203m/s, Re=3980, Ra_V=27569321, h=3.79W/(K.m^2), U=0.352W/K, Nu=44.1



20160921T032759Z - mixed Convection - Roughness=3.00mm; T=22.3+10.6°C; +0.00°
68±3r/min, V=0.244m/s, Re=4776, Ra_V=27845671, h=4.06W/(K.m^2), U=0.378W/K, Nu=47.3

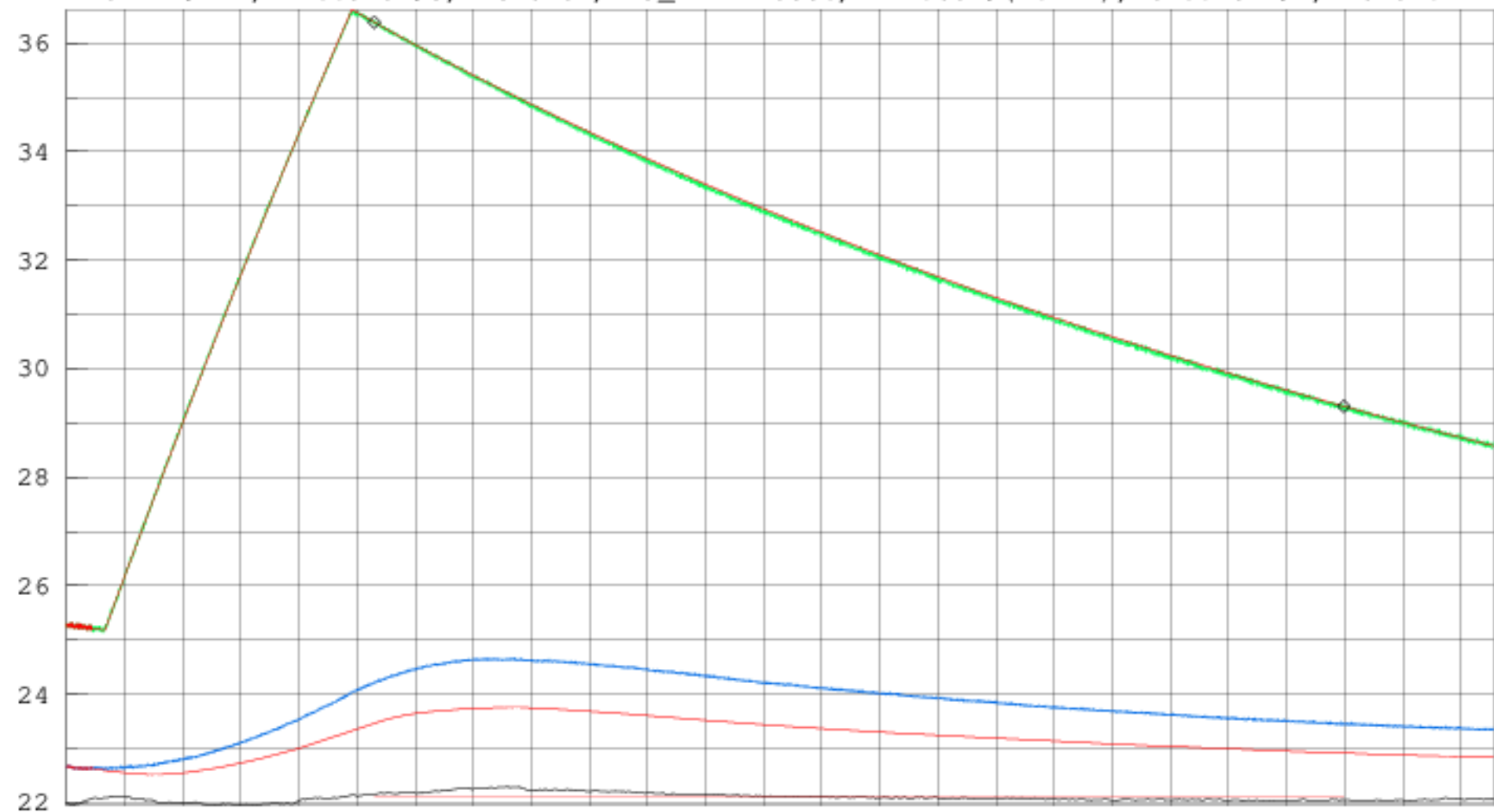


20160912T232918Z - mixed Convection - Roughness=3.00mm; T=22.3+10.5°C; +0.00°
80±3r/min, V=0.289m/s, Re=5668, Ra_V=27834370, h=4.41W/(K.m²), U=0.410W/K, Nu=51.4

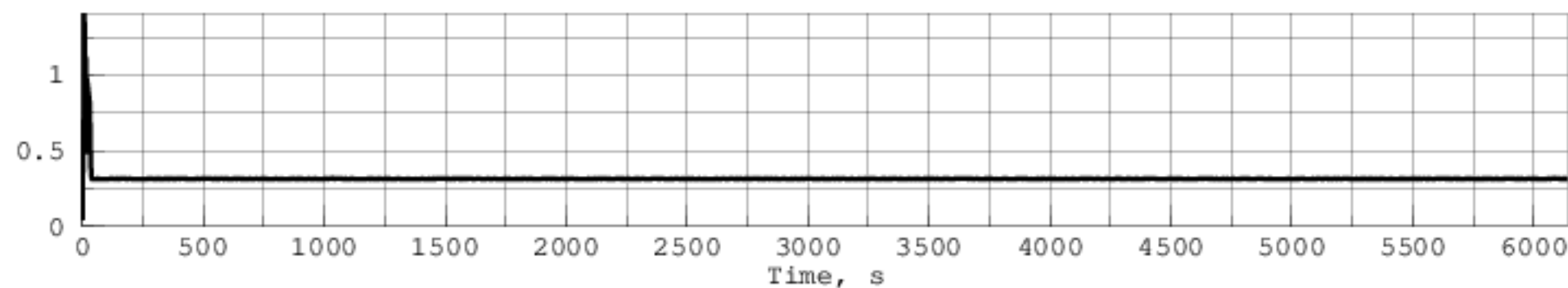


20160917T224058Z - mixed Convection - Roughness=3.00mm; T=22.1+10.3°C; +0.00°
87±2r/min, V=0.315m/s, Re=6157, Ra_V=27228330, h=4.65W/(K.m²), U=0.432W/K, Nu=54.2

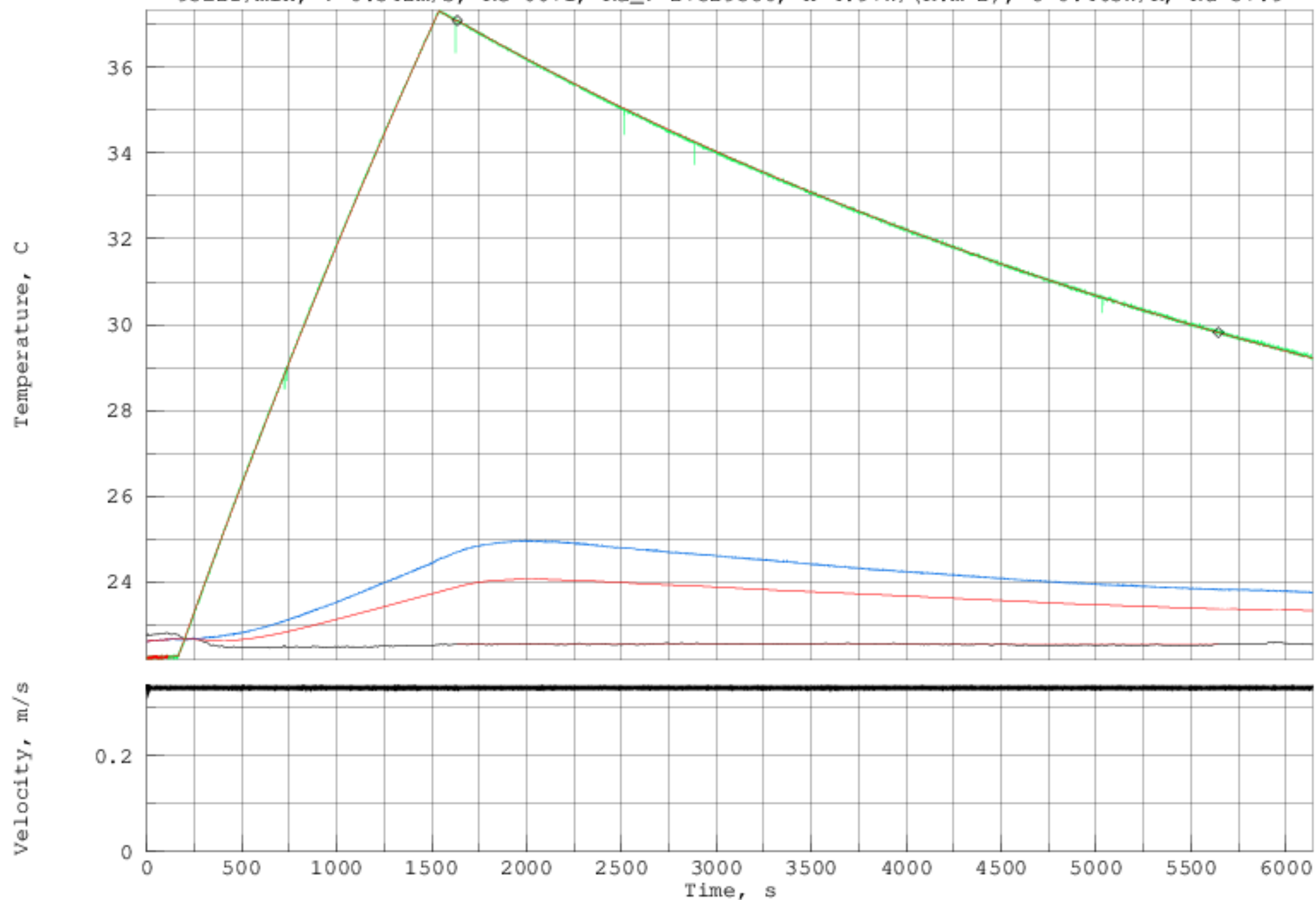
Temperature, C



Velocity, m/s

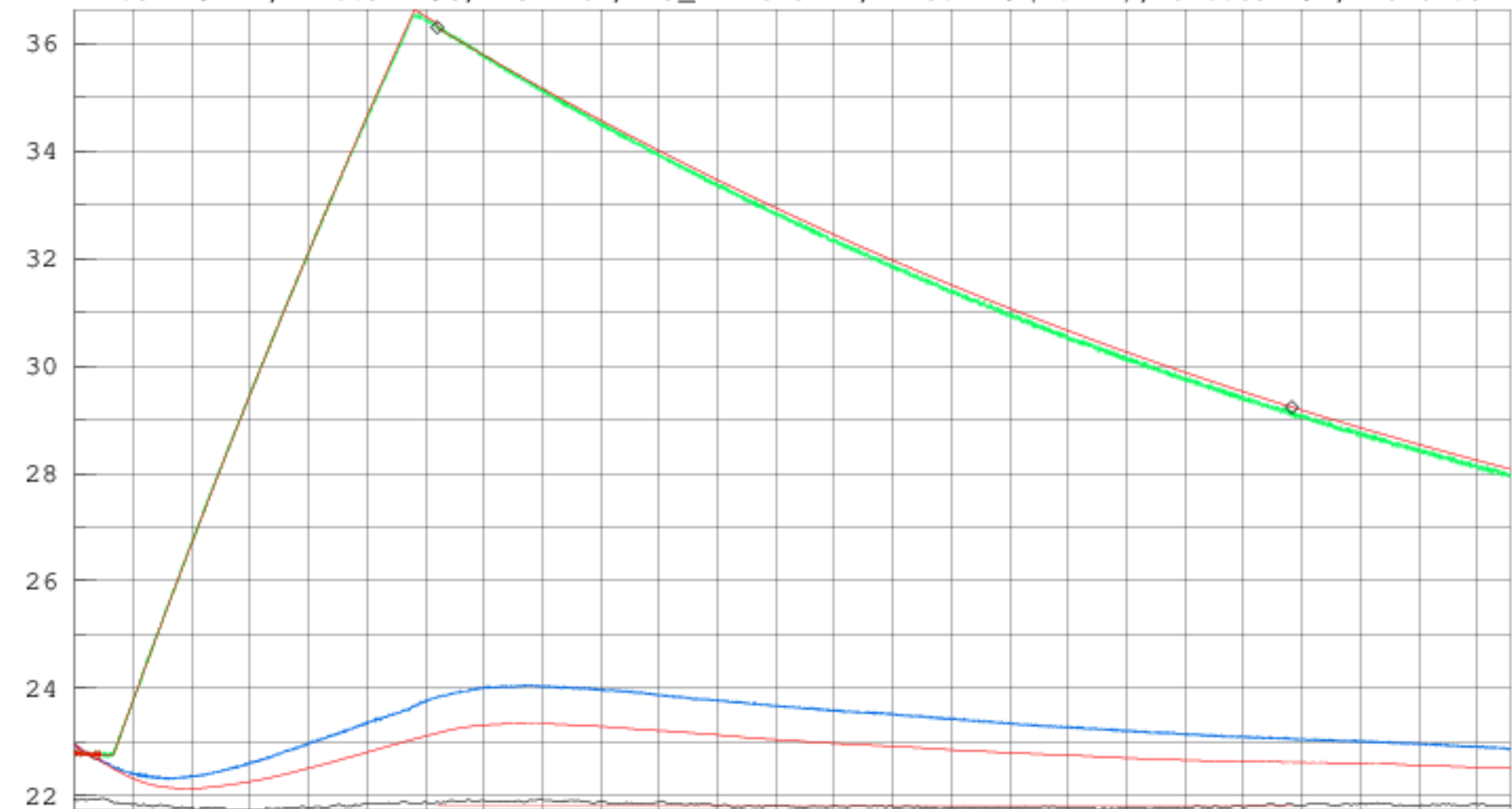


20160915T000201Z - mixed Convection - Roughness=3.00mm; T=22.6+10.5°C; +0.00°
95±2r/min, V=0.342m/s, Re=6671, Ra_V=27529580, h=4.97W/(K.m²), U=0.463W/K, Nu=57.9

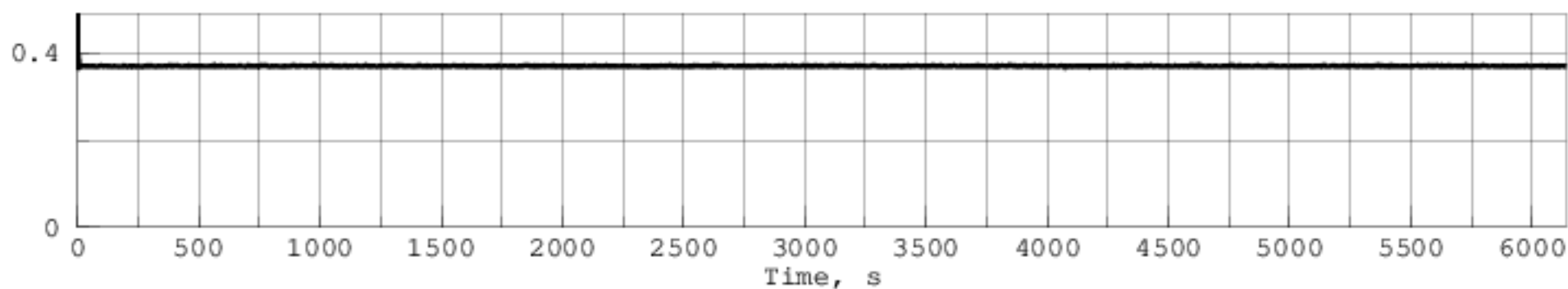


20160917T195105Z - mixed Convection - Roughness=3.00mm; T=21.8+10.5°C; +0.00°
103±2r/min, V=0.372m/s, Re=7282, Ra_V=27819121, h=5.77W/(K.m²), U=0.537W/K, Nu=67.3

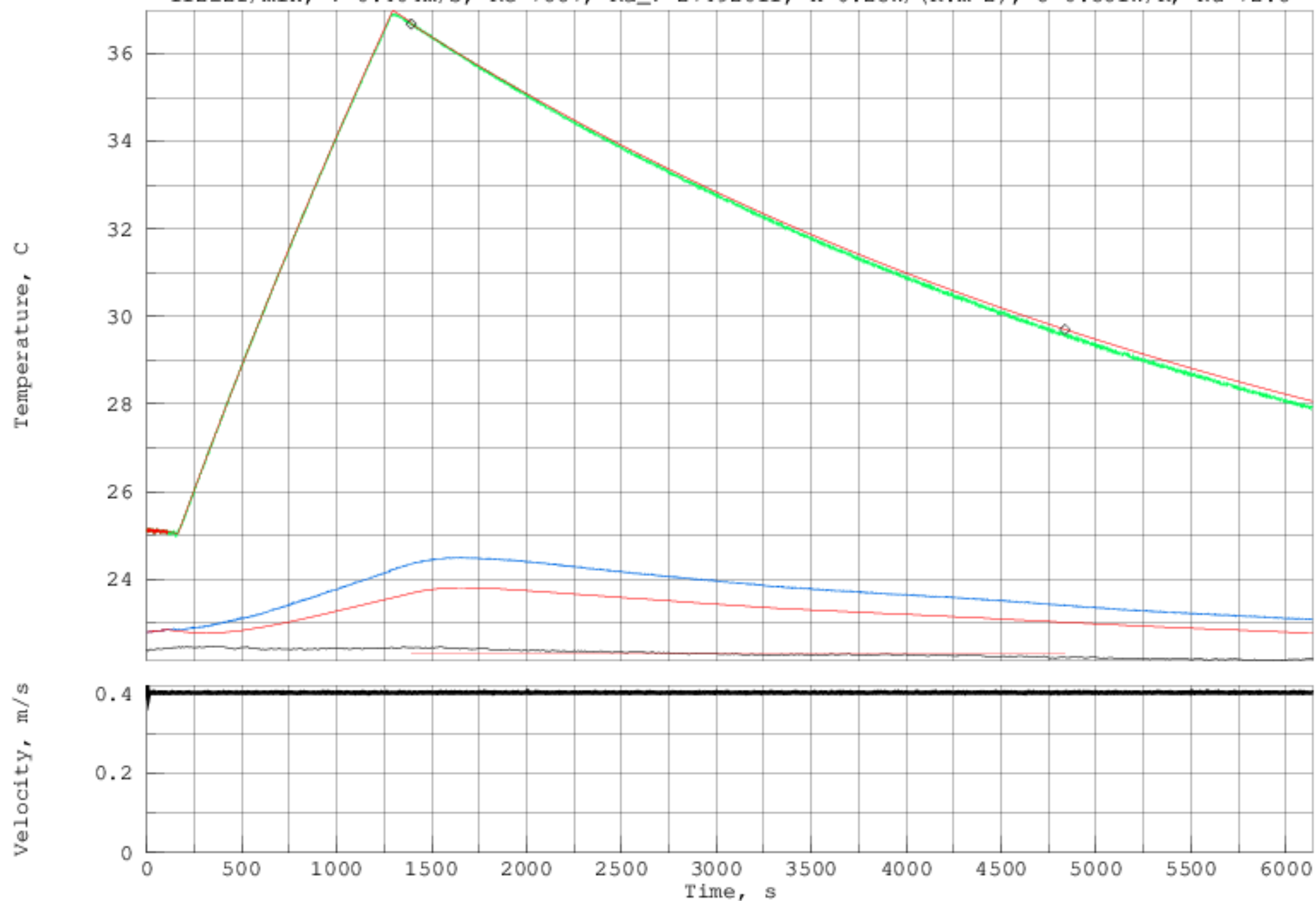
Temperature, C



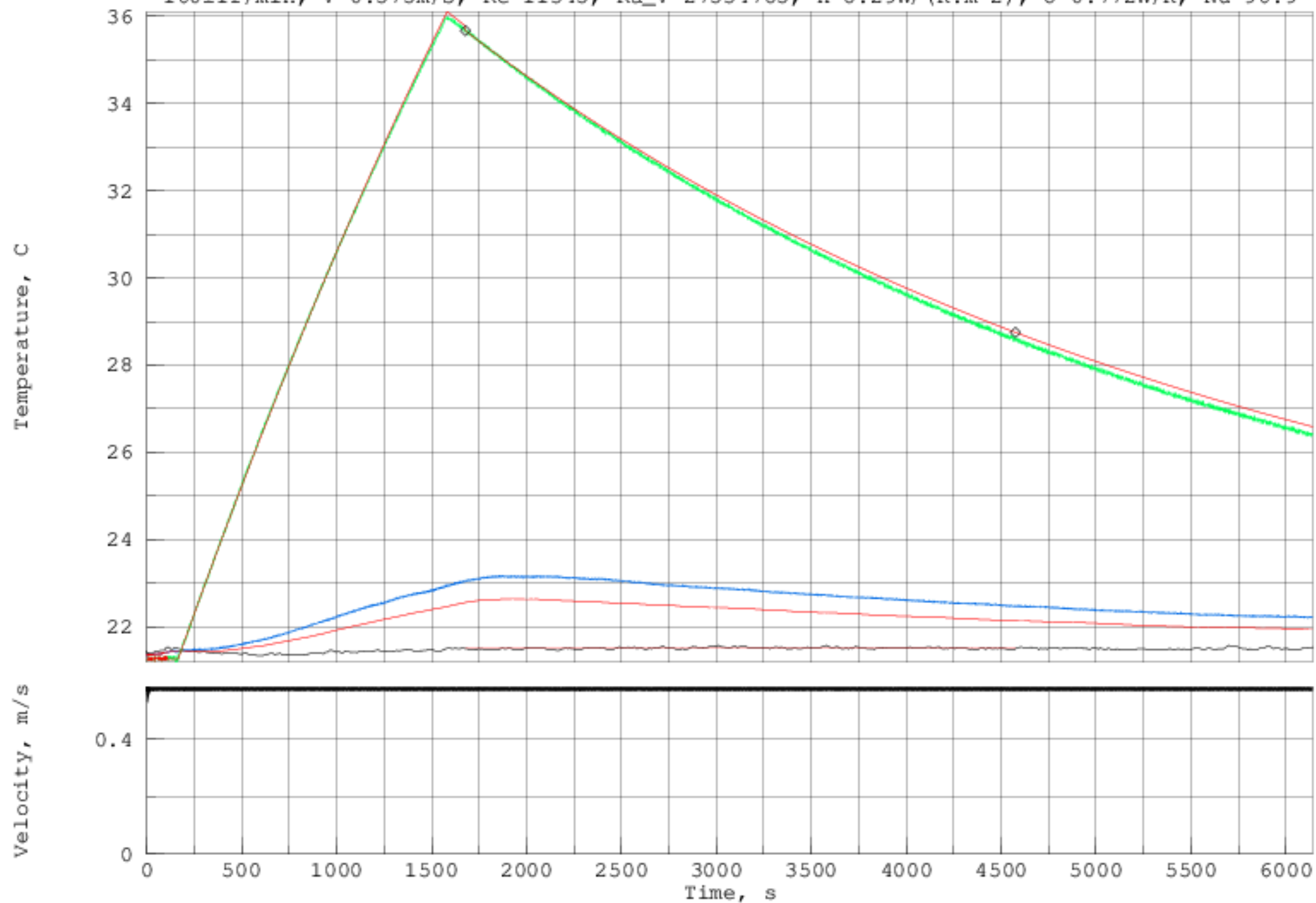
Velocity, m/s



20160914T031359Z - mixed Convection - Roughness=3.00mm; T=22.3+10.4°C; +0.00°
112±2r/min, V=0.404m/s, Re=7887, Ra_V=27492011, h=6.25W/(K.m^2), U=0.581W/K, Nu=72.8

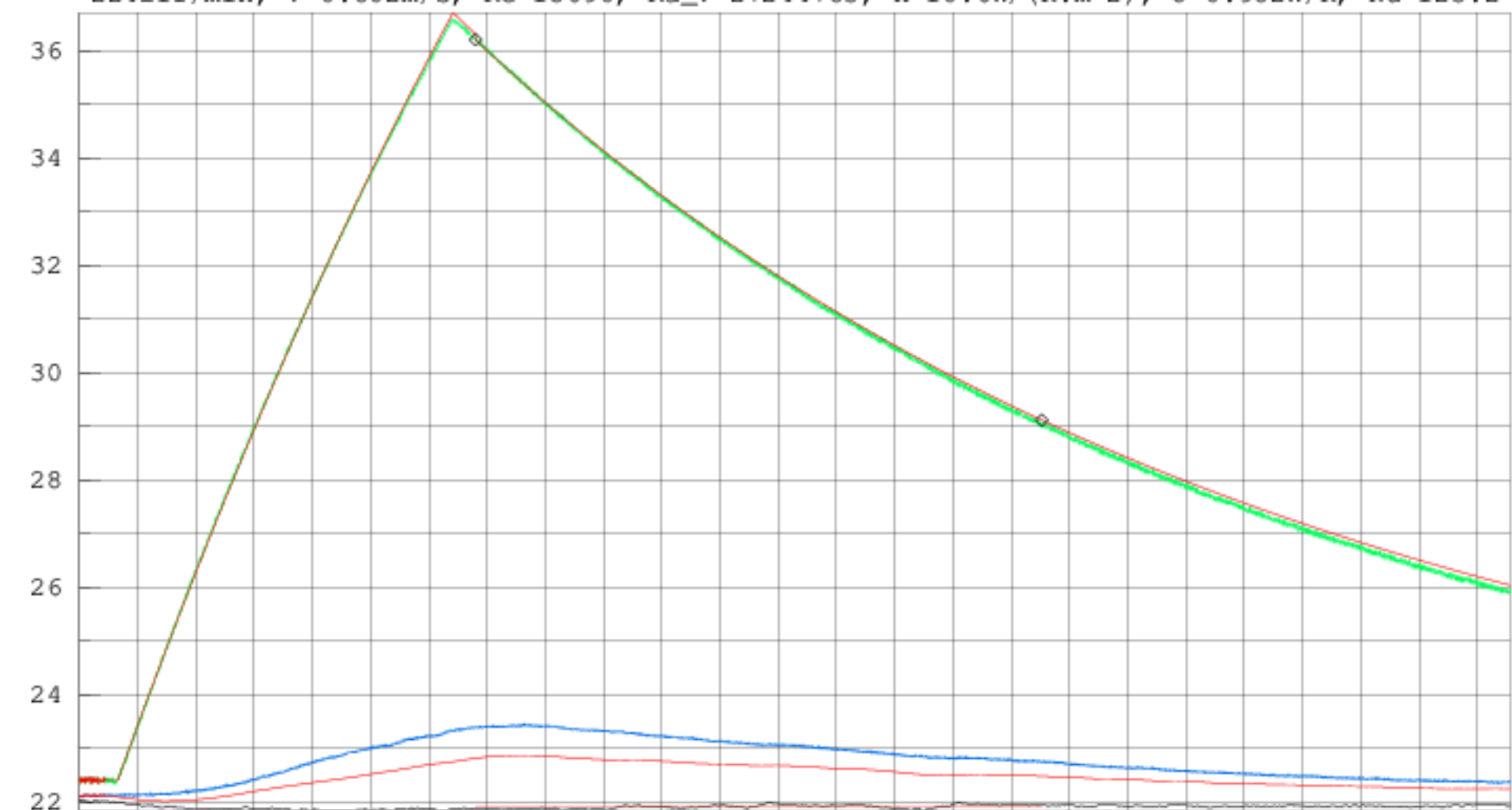


20160916T225453Z - mixed Convection - Roughness=3.00mm; T=21.5+10.2°C; +0.00°
160±1r/min, V=0.575m/s, Re=11345, Ra_V=27534785, h=8.29W/(K.m²), U=0.772W/K, Nu=96.9

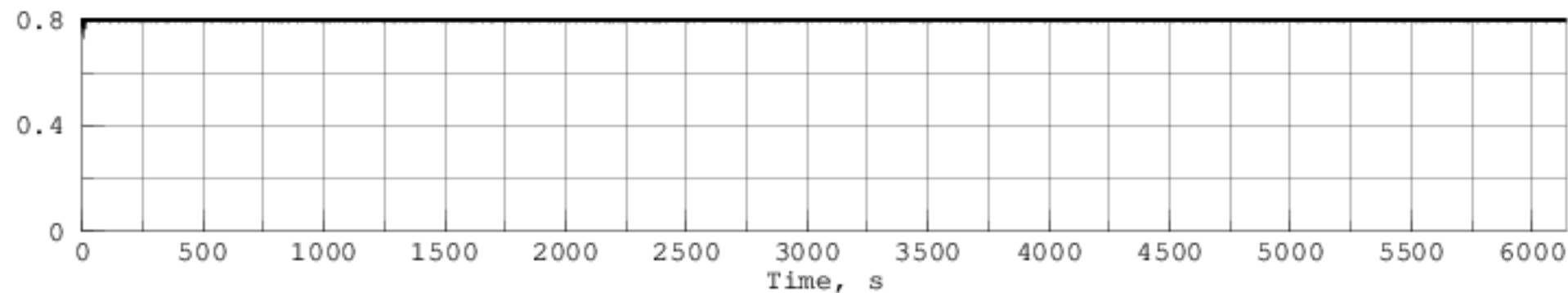


20160914T112730Z - mixed Convection - Roughness=3.00mm; T=21.9+10.3°C; +0.00°
224±1r/min, V=0.802m/s, Re=15690, Ra_V=27244783, h=10.6W/(K.m²), U=0.982W/K, Nu=123.2

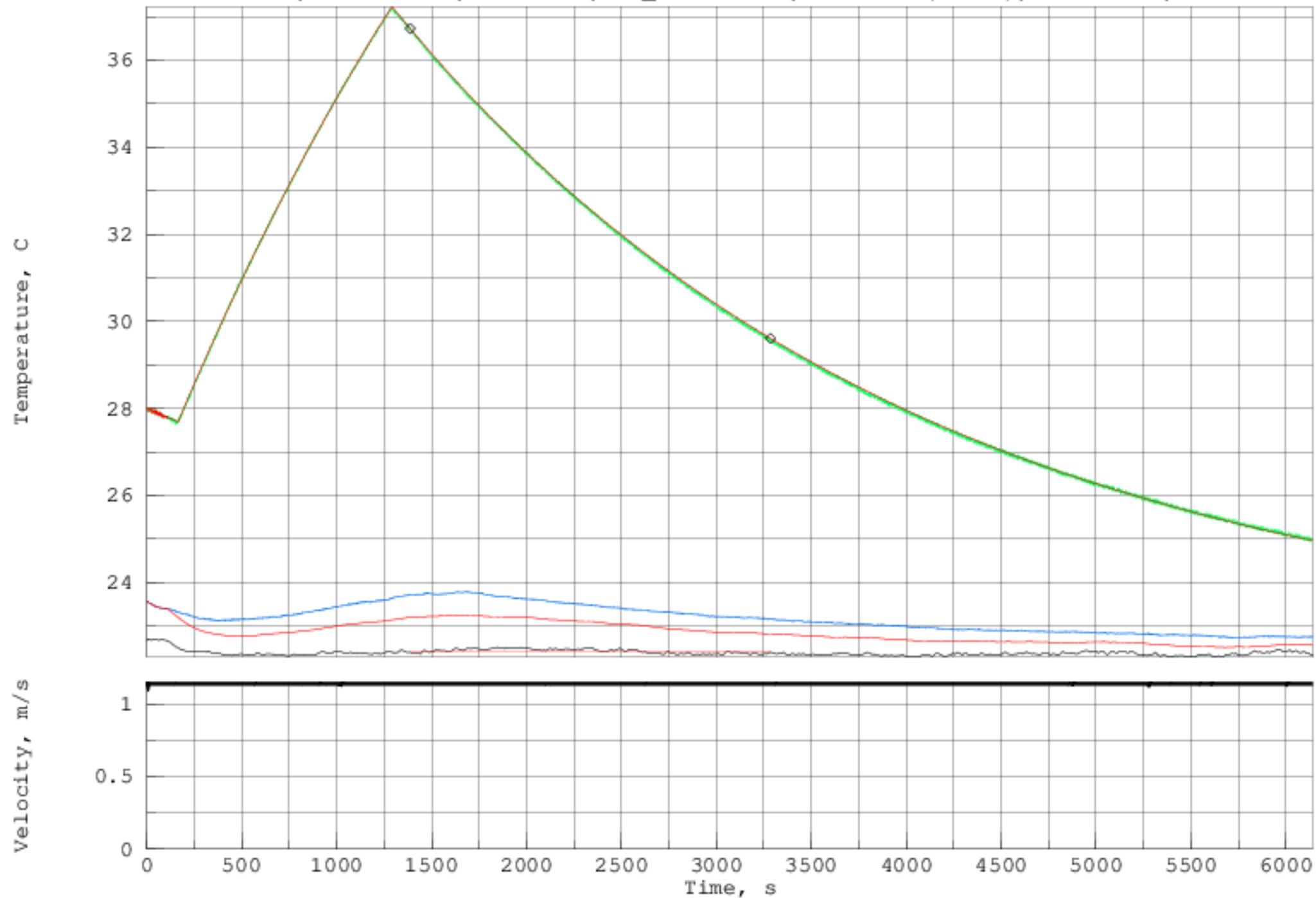
Temperature, C



Velocity, m/s

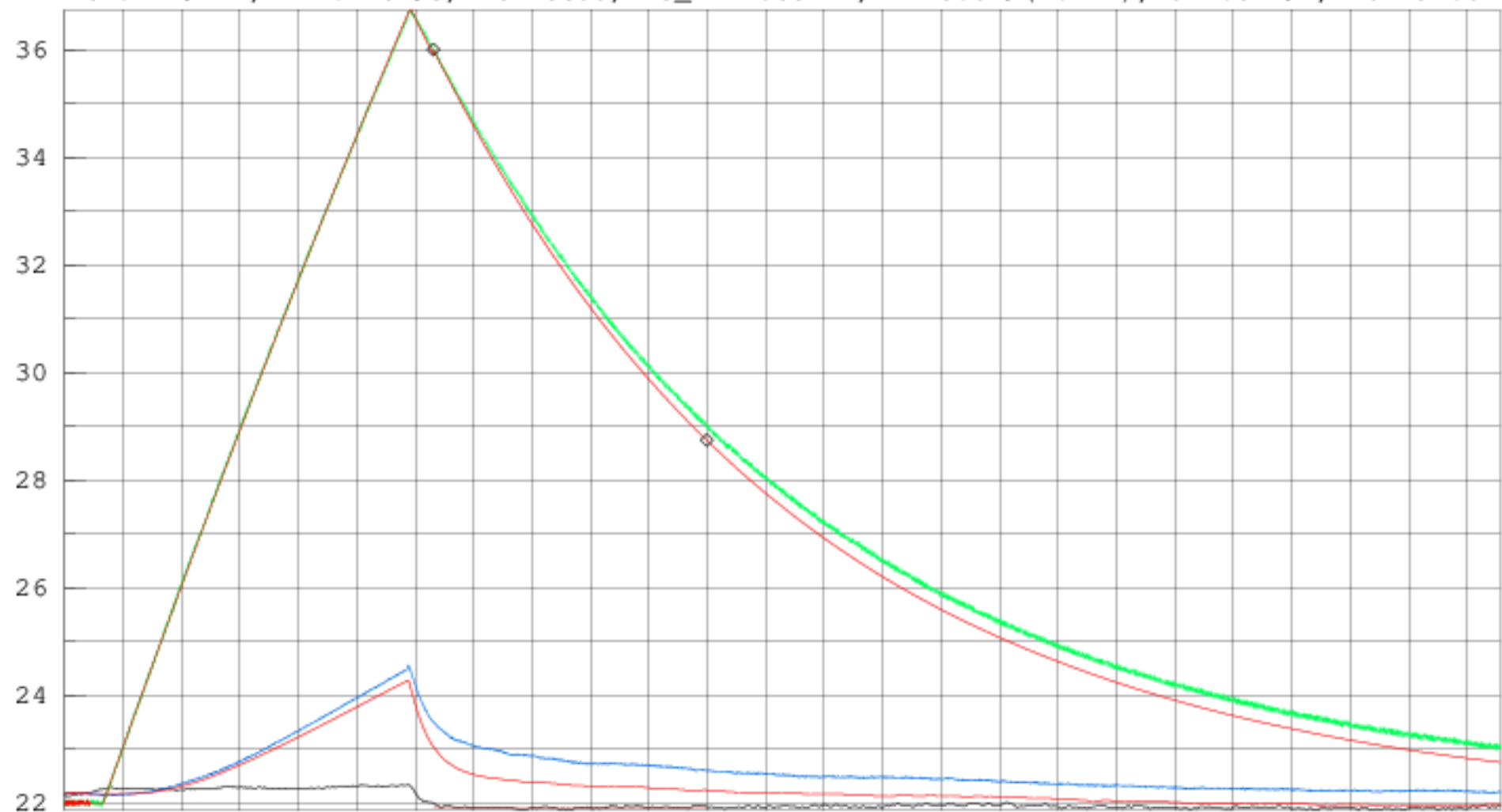


20160915T020417Z - mixed Convection - Roughness=3.00mm; T=22.4+10.3°C; +0.00°
320±1r/min, V=1.141m/s, Re=22319, Ra_V=27265047, h=14.5W/(K.m²), U=1.35W/K, Nu=168.8

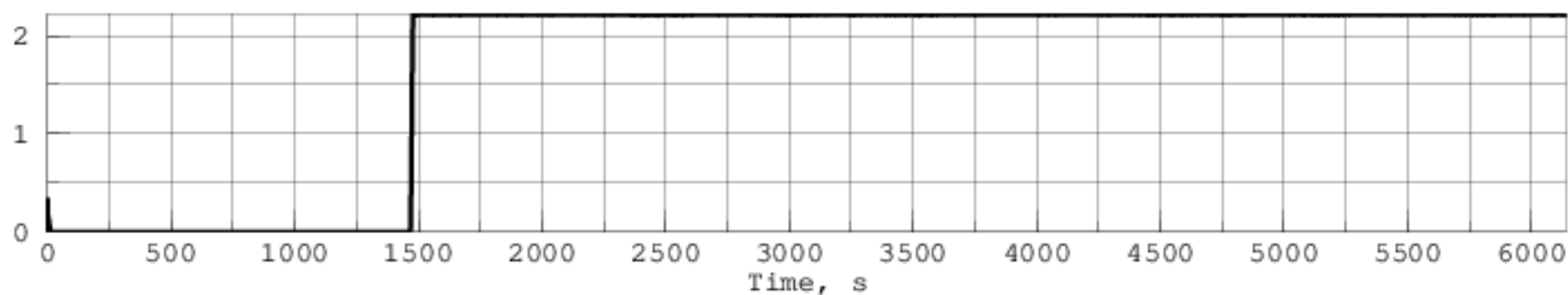


20160921T012315Z - mixed Convection - Roughness=3.00mm; T=21.9+10.2°C; +0.00°
640±7r/min, V=2.216m/s, Re=43395, Ra_V=27063114, h=25.5W/(K.m²), U=2.37W/K, Nu=297.5

Temperature, C

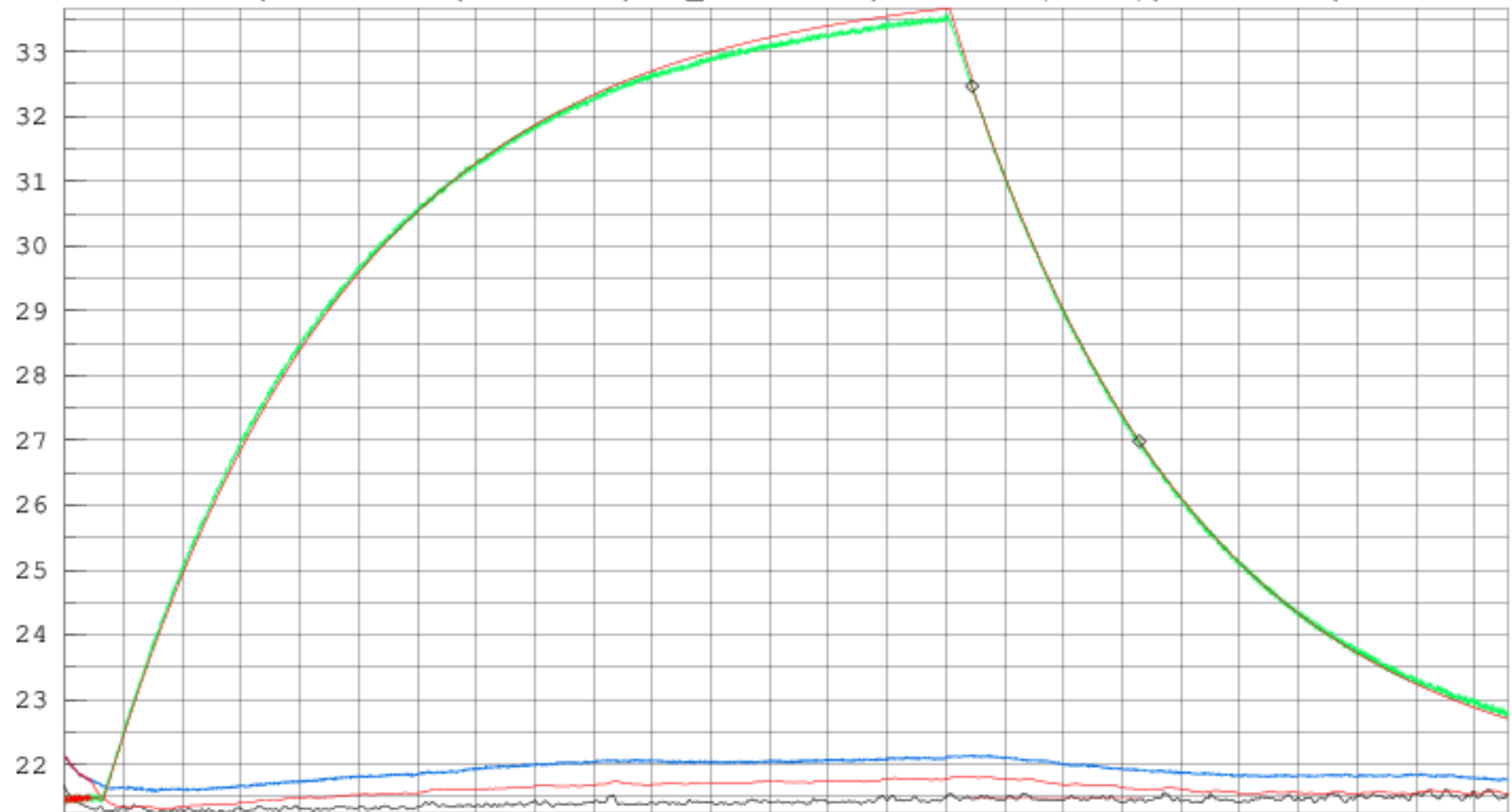


Velocity, m/s



20160917T175347Z - mixed Convection - Roughness=3.00mm; T=21.5+07.9°C; +0.00°
1280±6r/min, V=4.002m/s, Re=79263, Ra_V=21707370, h=44.7W/(K.m²), U=4.16W/K, Nu=524.0

Temperature, C



Velocity, m/s

