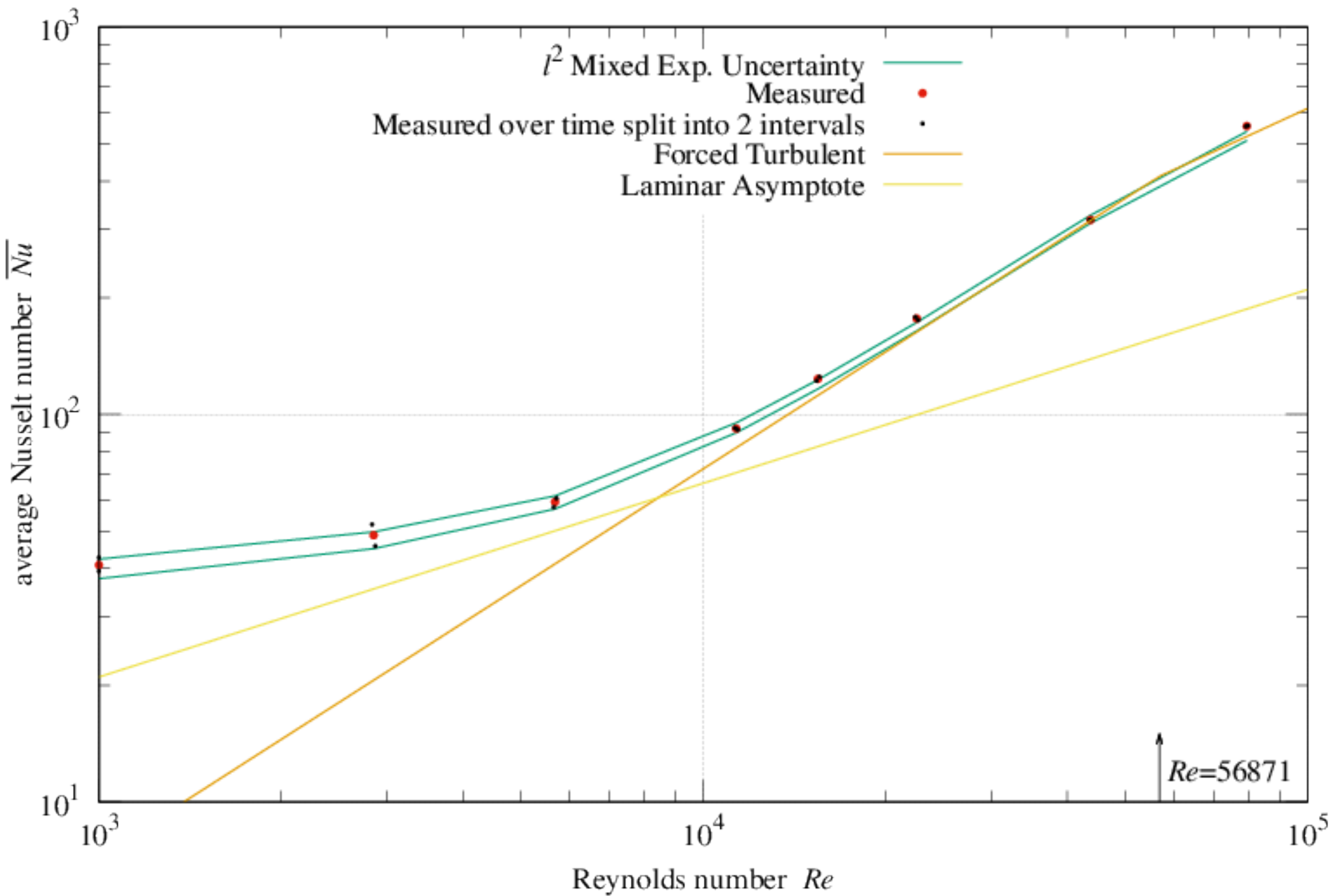
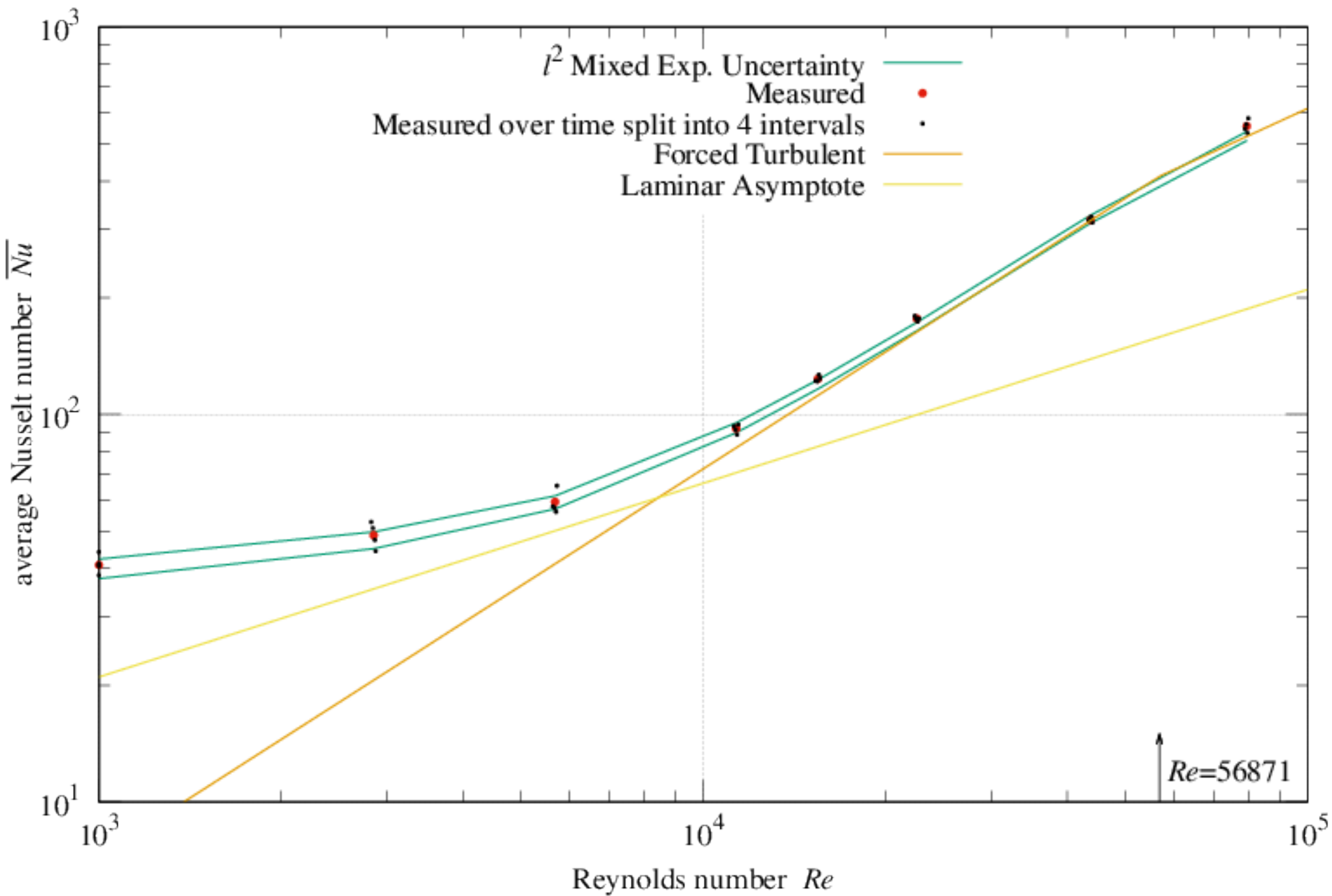


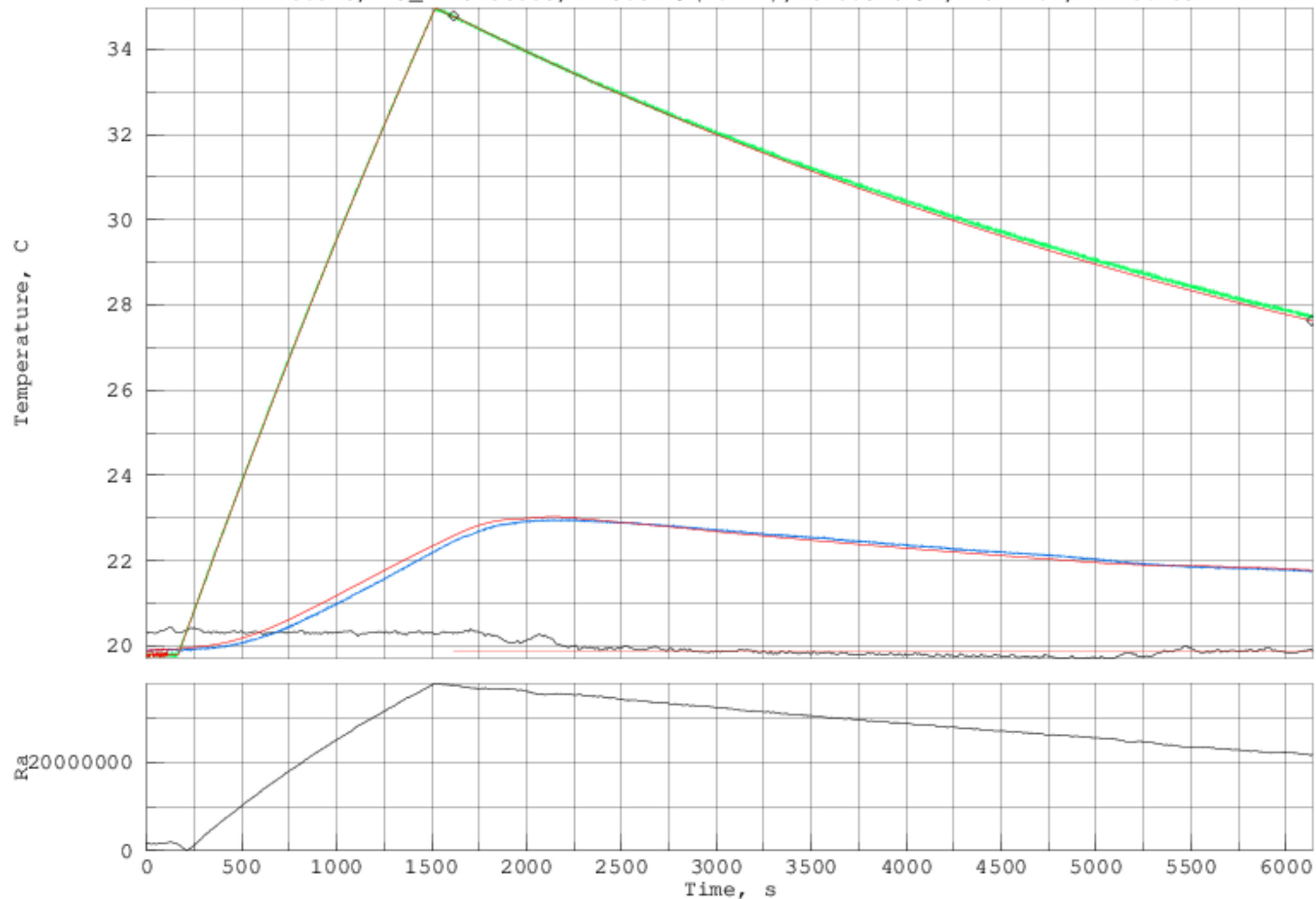
Mixed Convection from Vertical Plate, 3mm Roughness, $\Delta T=10\text{K}$



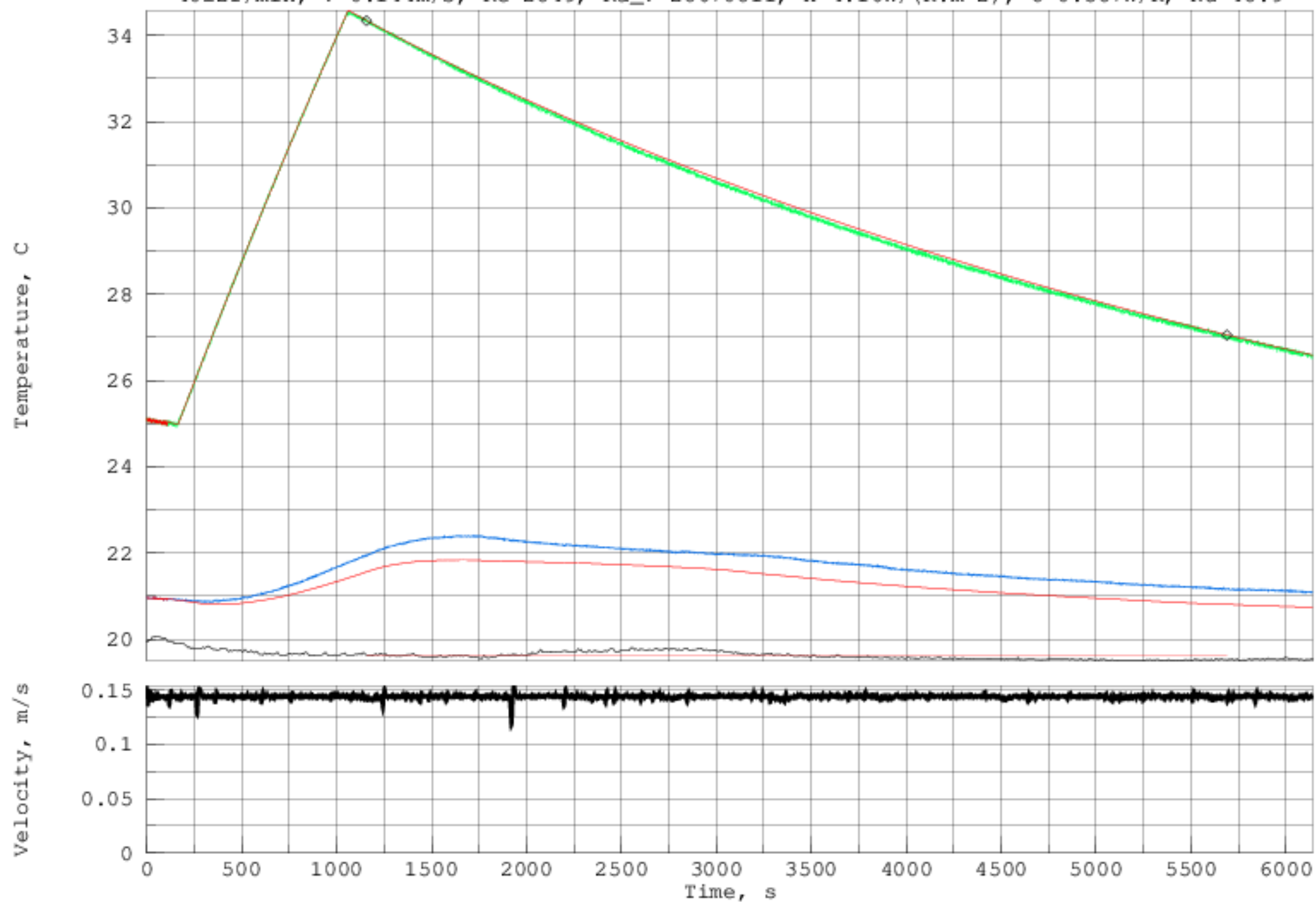
Mixed Convection from Vertical Plate, 3mm Roughness, $\Delta T=10\text{K}$



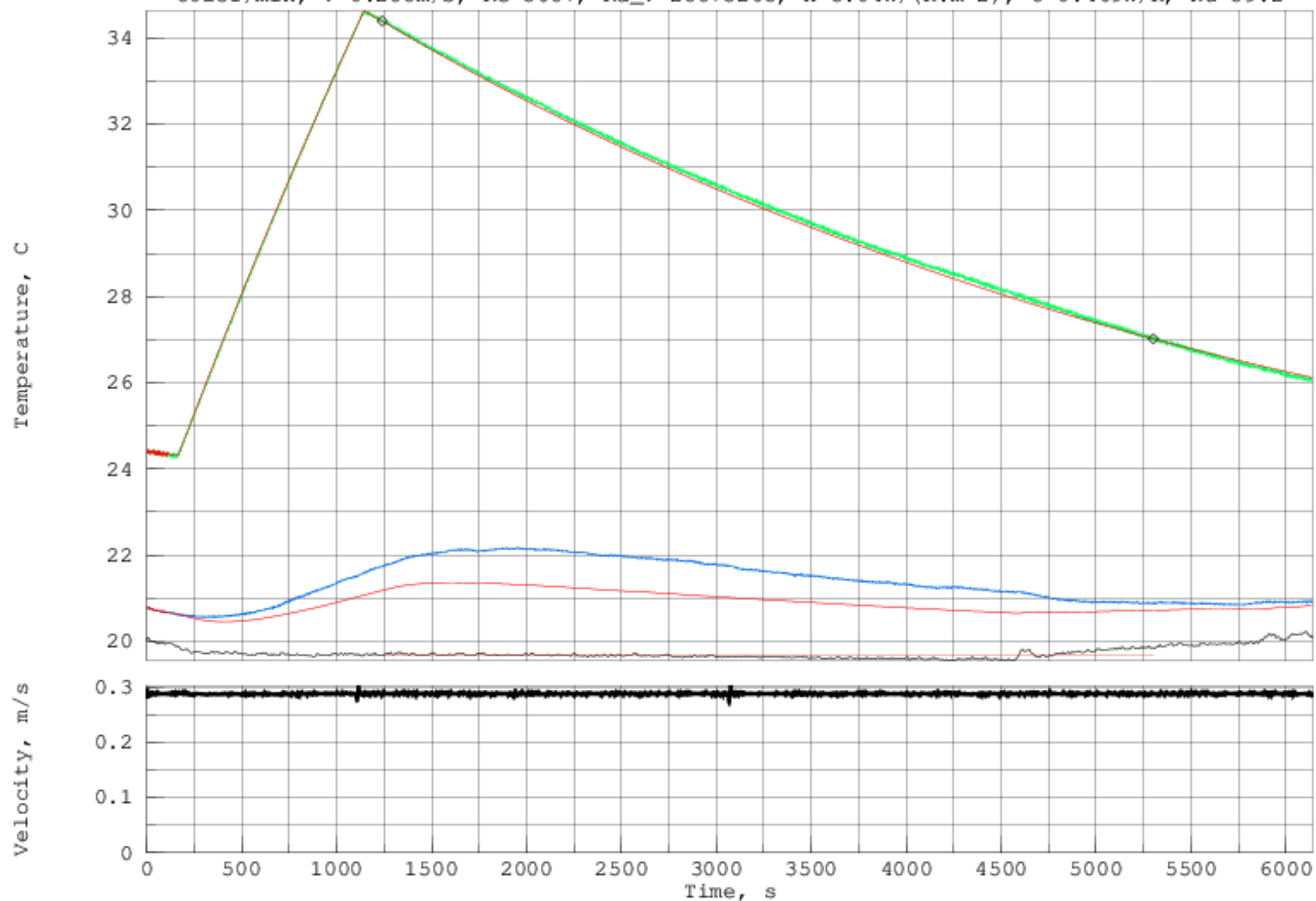
20160603T202311Z - mixed Convection - Roughness=3.00mm; T=19.9+10.9°C; +0.00°
k=0.026, Ra_V=29495008, h=3.51W/(K.m^2), U=0.326W/K, Nu=41.1, Pr=0.709



20160603T225600Z - mixed Convection - Roughness=3.00mm; T=19.6+10.5°C; +0.00°
40±2r/min, V=0.144m/s, Re=2849, Ra_V=28670811, h=4.16W/(K.m²), U=0.387W/K, Nu=48.9

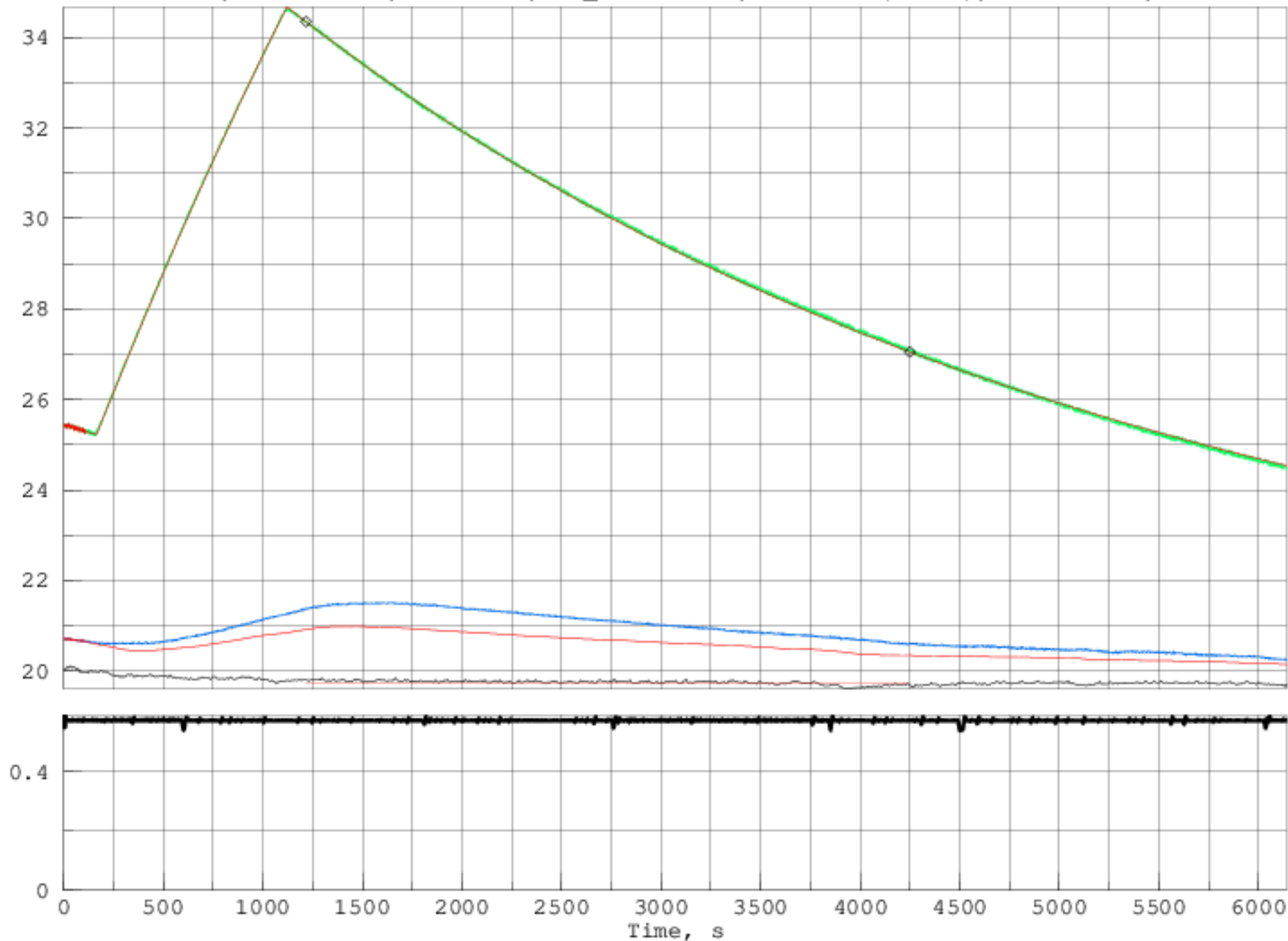


20160604T012434Z - mixed Convection - Roughness=3.00mm; T=19.7+10.6°C; +0.00°
80±3r/min, V=0.288m/s, Re=5687, Ra_V=28873265, h=5.04W/(K.m²), U=0.469W/K, Nu=59.2



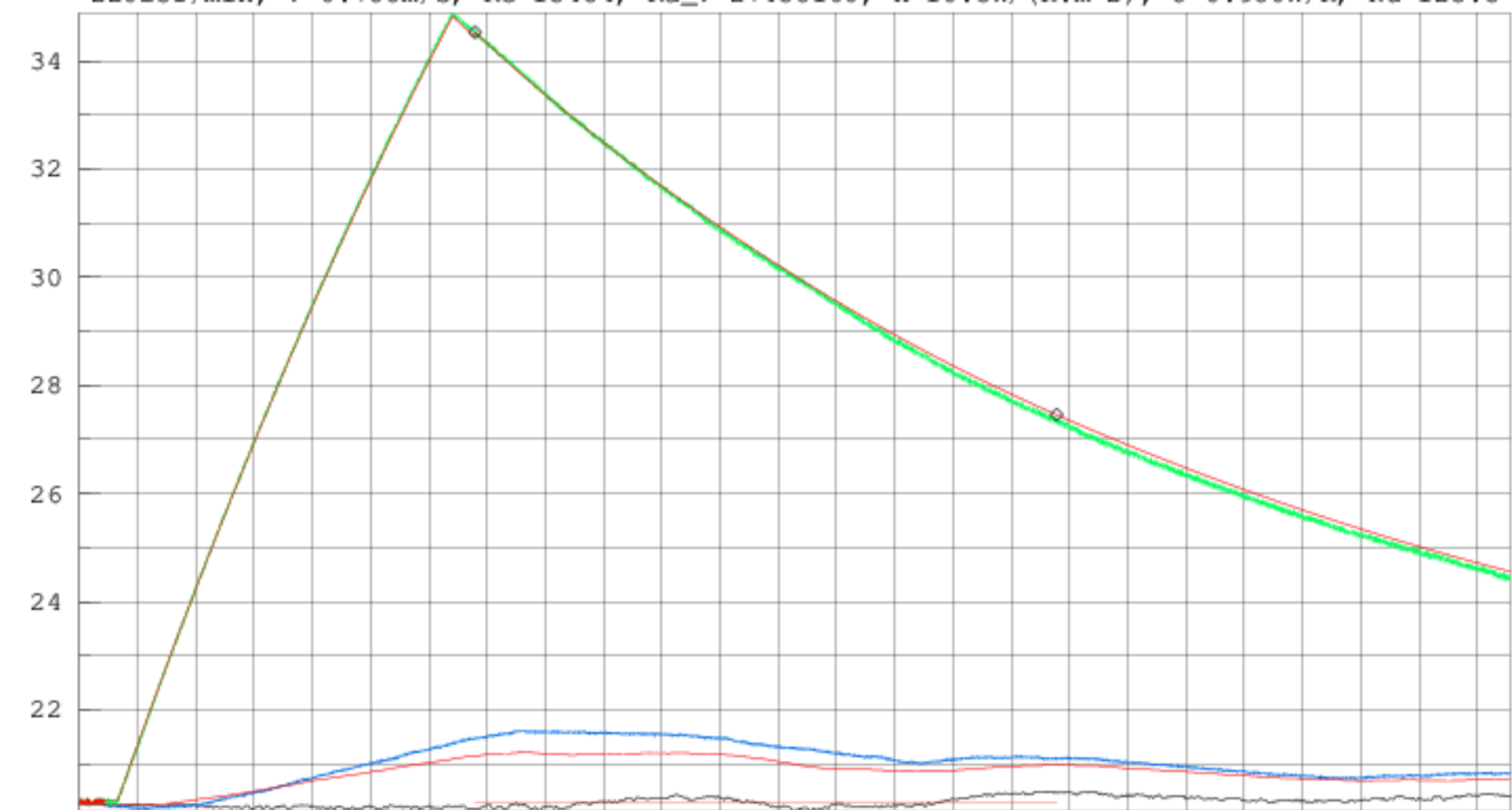
20160604T031539Z - mixed Convection - Roughness=3.00mm; T=19.7+10.5°C; +0.00°
160±3r/min, V=0.574m/s, Re=11340, Ra_V=28582173, h=7.83W/(K.m²), U=0.728W/K, Nu=91.8

Temperature, C

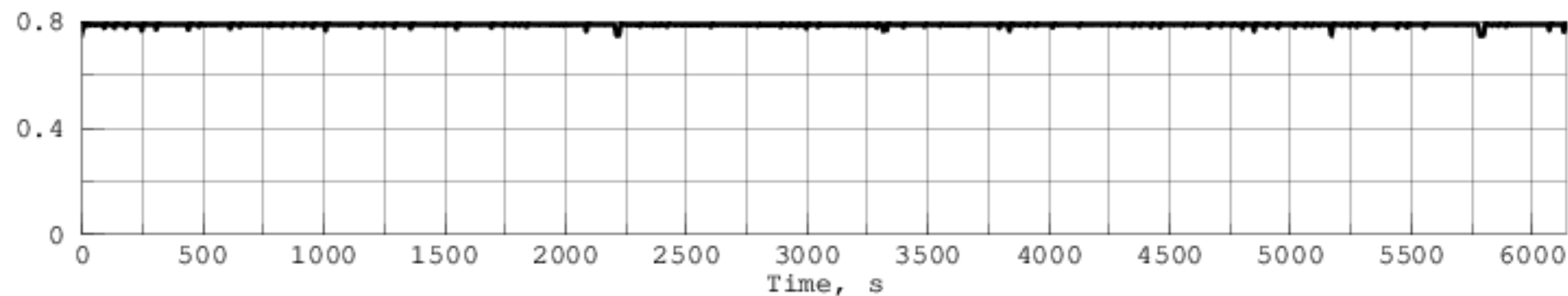


20160604T220844Z - mixed Convection - Roughness=3.00mm; T=20.3+10.2°C; +0.00°
220±3r/min, V=0.788m/s, Re=15484, Ra_V=27458100, h=10.5W/(K.m^2), U=0.980W/K, Nu=123.5

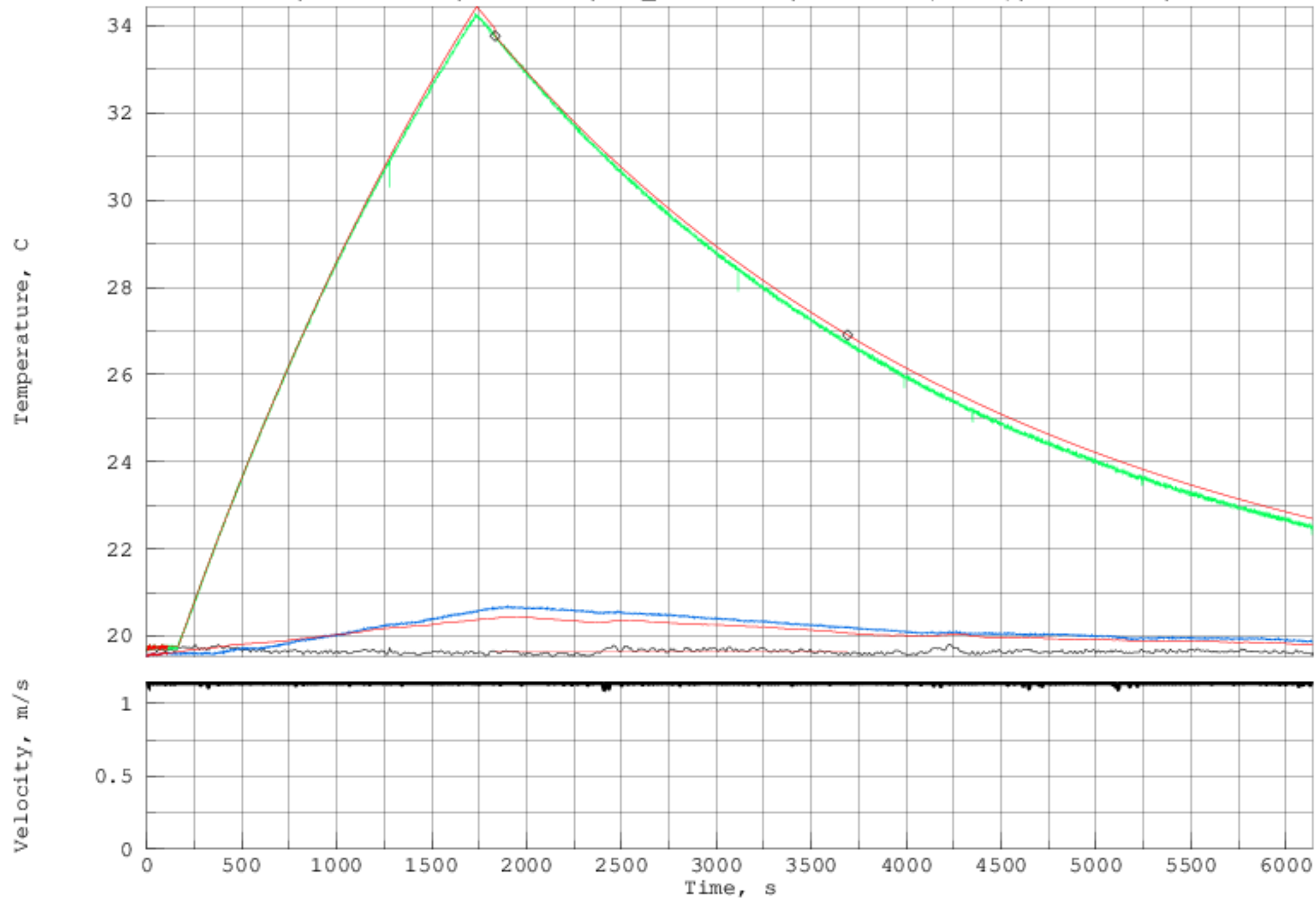
Temperature, C



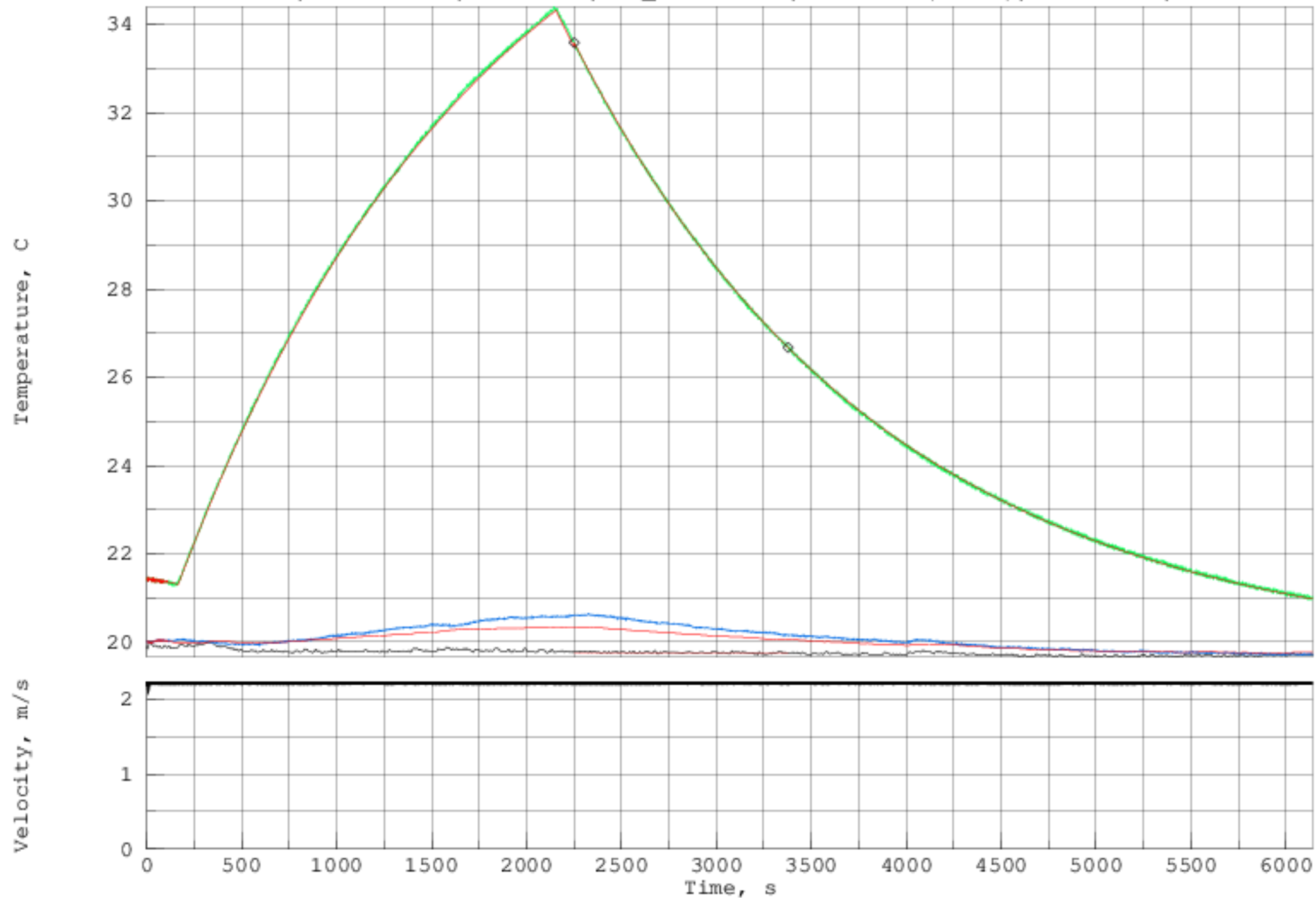
Velocity, m/s



20160604T124012Z - mixed Convection - Roughness=3.00mm; T=19.7+10.2°C; +0.00°
320±3r/min, V=1.140m/s, Re=22556, Ra_V=27769513, h=15.0W/(K.m²), U=1.40W/K, Nu=176.7



20160604T170841Z - mixed Convection - Roughness=3.00mm; T=19.8+10.0°C; +0.00°
640±5r/min, V=2.216m/s, Re=43745, Ra_V=27092816, h=27.1W/(K.m²), U=2.52W/K, Nu=317.9



20160604T191826Z - mixed Convection - Roughness=3.00mm; T=20.1+07.8°C; +0.00°
1280±5r/min, V=4.002m/s, Re=79310, Ra_V=21441724, h=47.1W/(K.m²), U=4.38W/K, Nu=554.3

