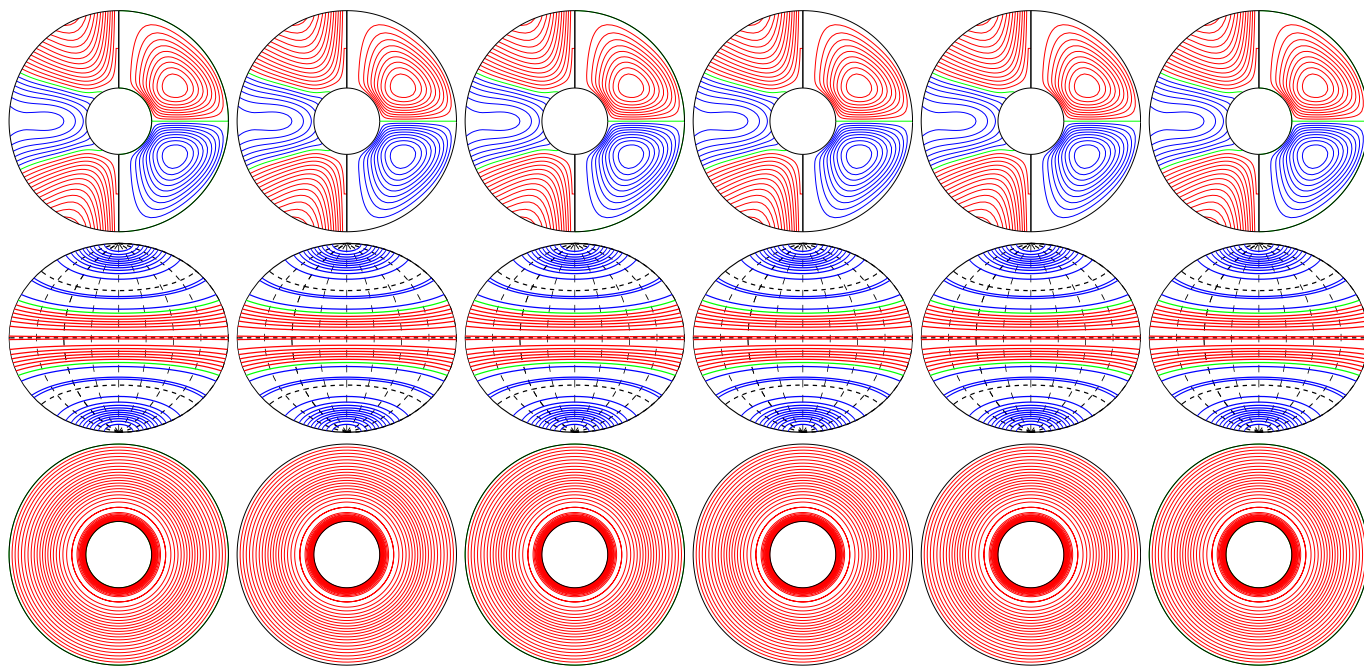
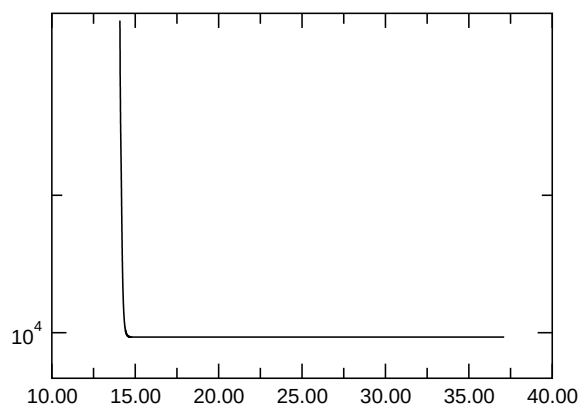


a.e03p1t03r-30000m1n2N0001z1.9e5.20
times: 30.72001 32.00001 33.28001 34.56001 35.84001 37.12001

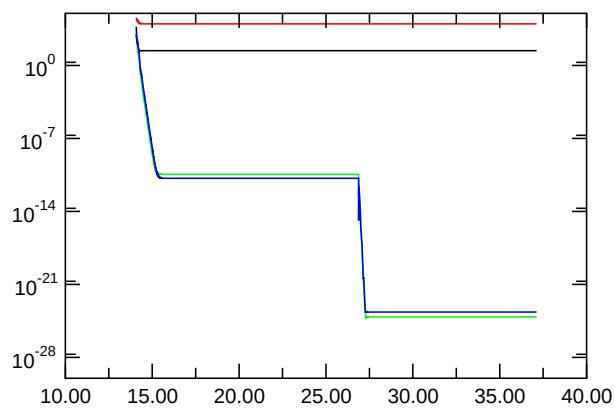
October 30, 2015



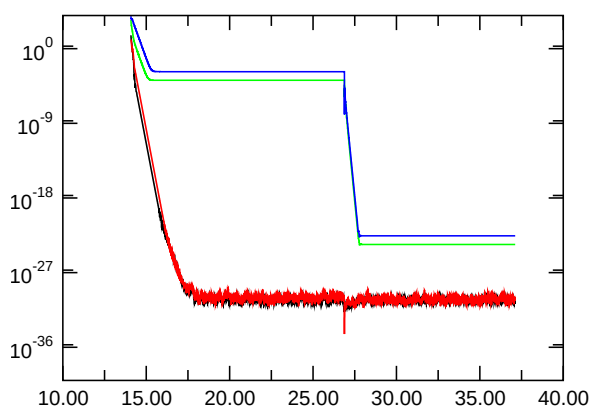
a.e03p1t03r-30000m1n2N0001z1.9e5
 E_{kin}



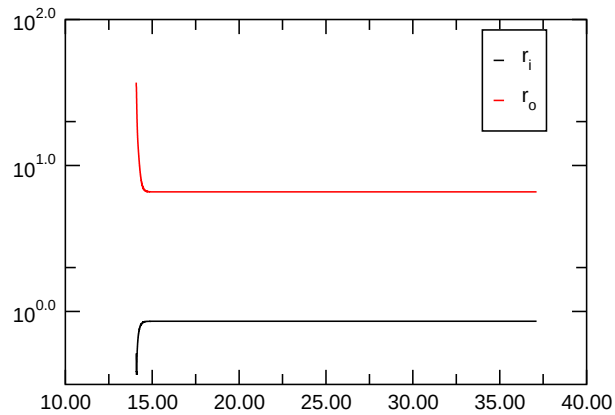
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

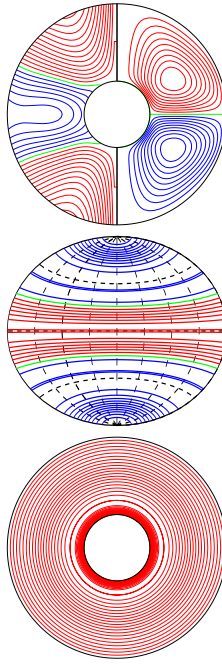


Nusselt Number

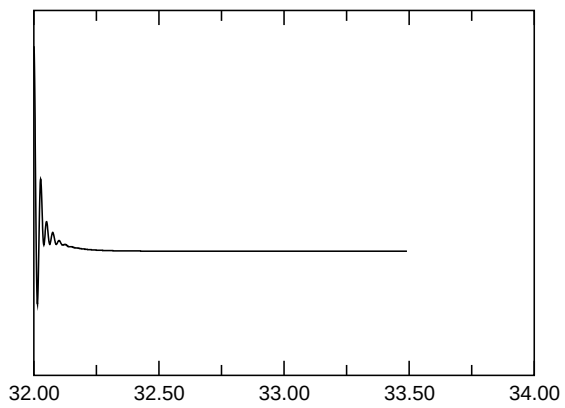


a.e03p1t03r-30000m1n2N0z1.9e5.2
times: 33.28001

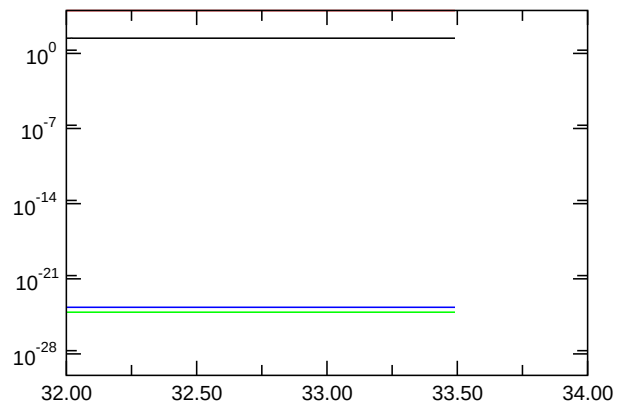
October 30, 2015



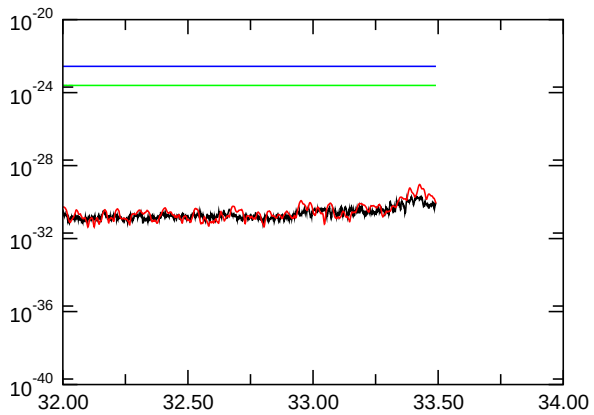
a.e03p1t03r-30000m1n2N0z1.9e5
 E_{kin}



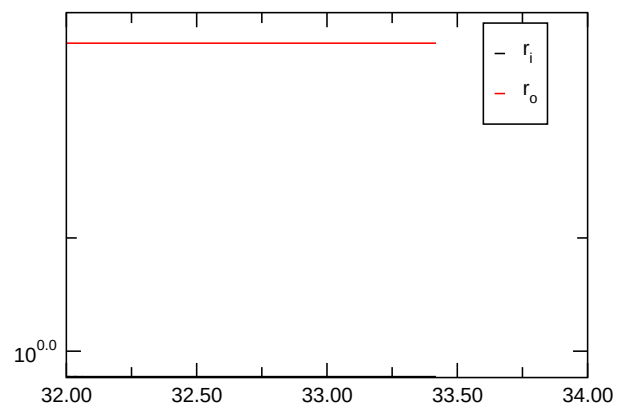
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

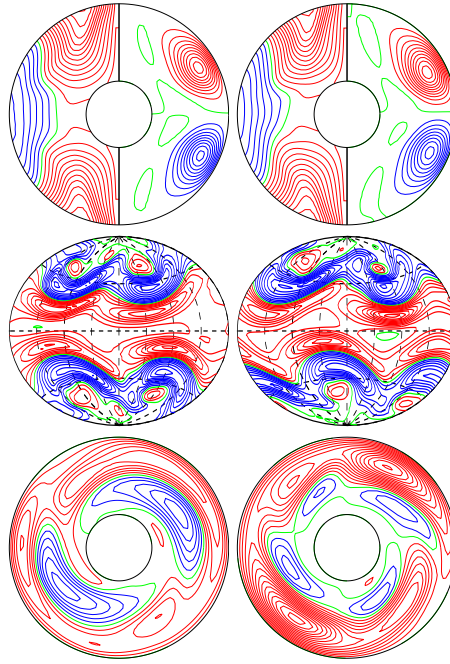


Nusselt Number

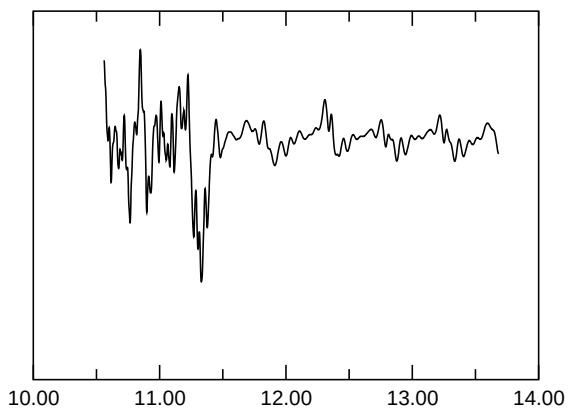


a.e03p1t03r-100000m1n2N1z2.4e5a.3
times: 11.84011 13.12011

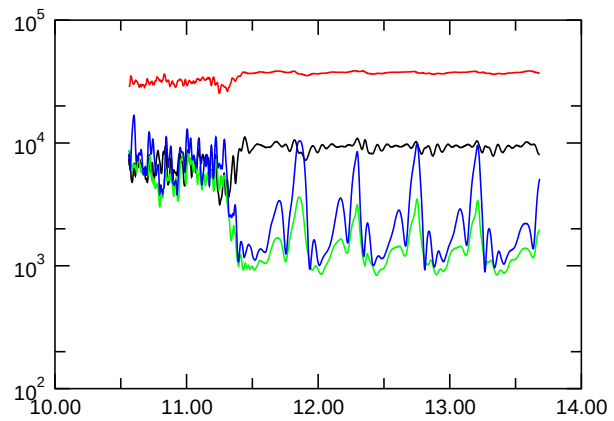
October 30, 2015



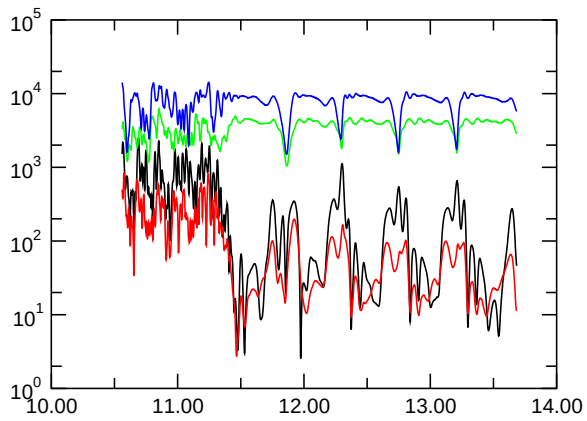
a.e03p1t03r-100000m1n2N1z2.4e5a
 E_{kin}



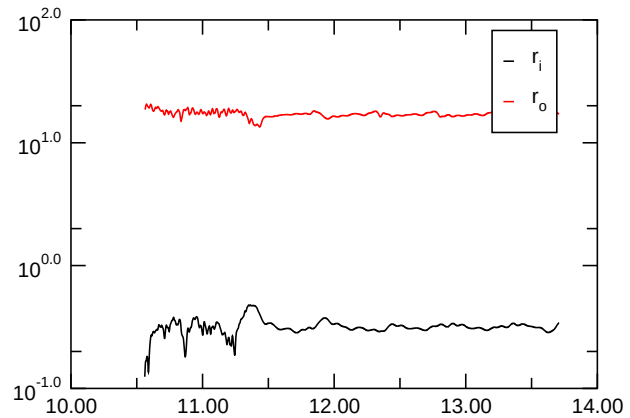
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

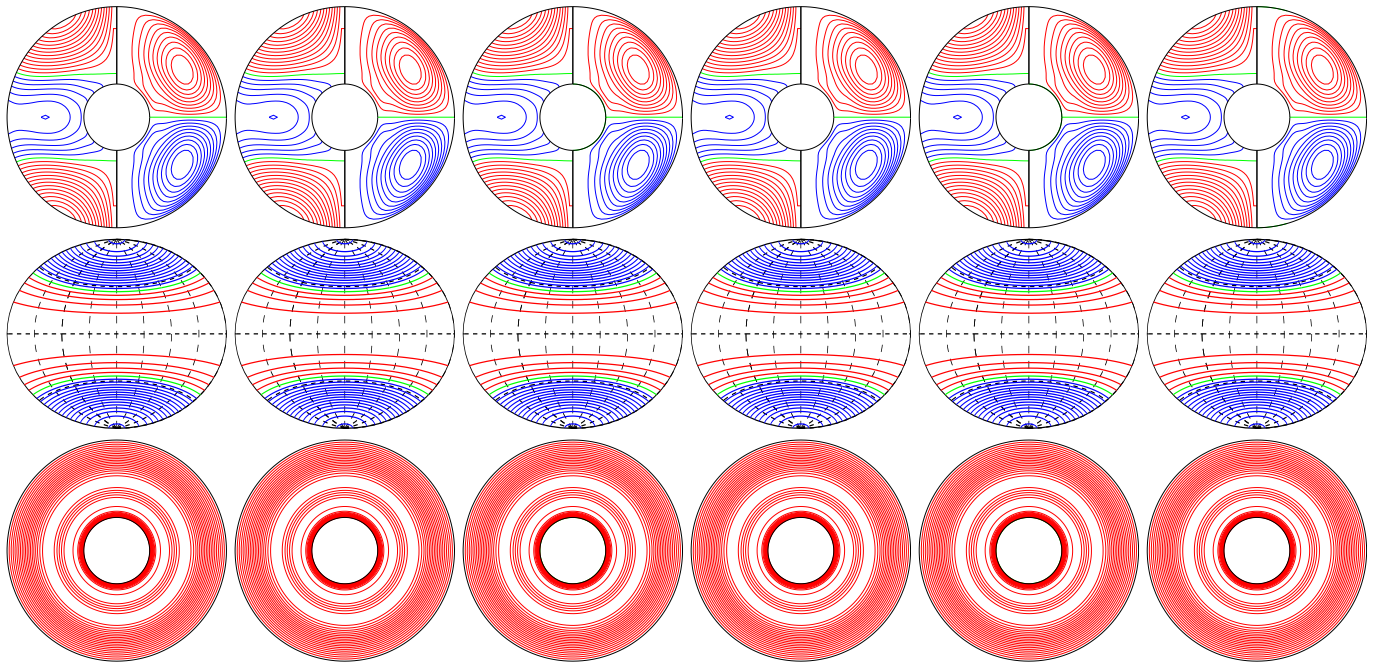


Nusselt Number

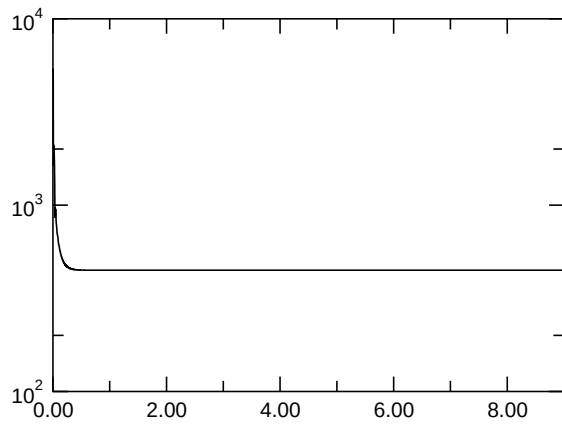


a.e03p1t03r-100000m1n2N0001z05e5.9
times: 2.560002 3.840003 5.120004 6.400005 7.680006 8.960007

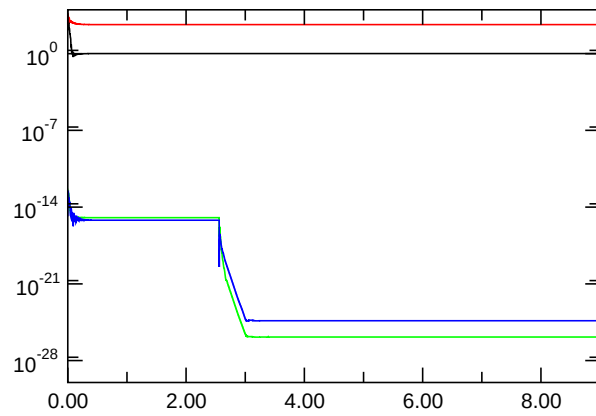
October 30, 2015



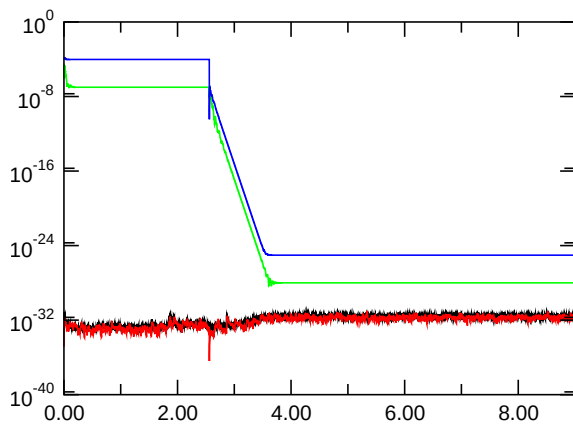
a.e03p1t03r-100000m1n2N0001z05e5
 E_{kin}



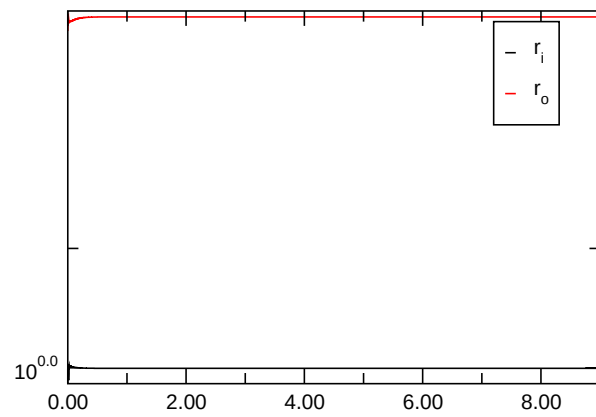
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

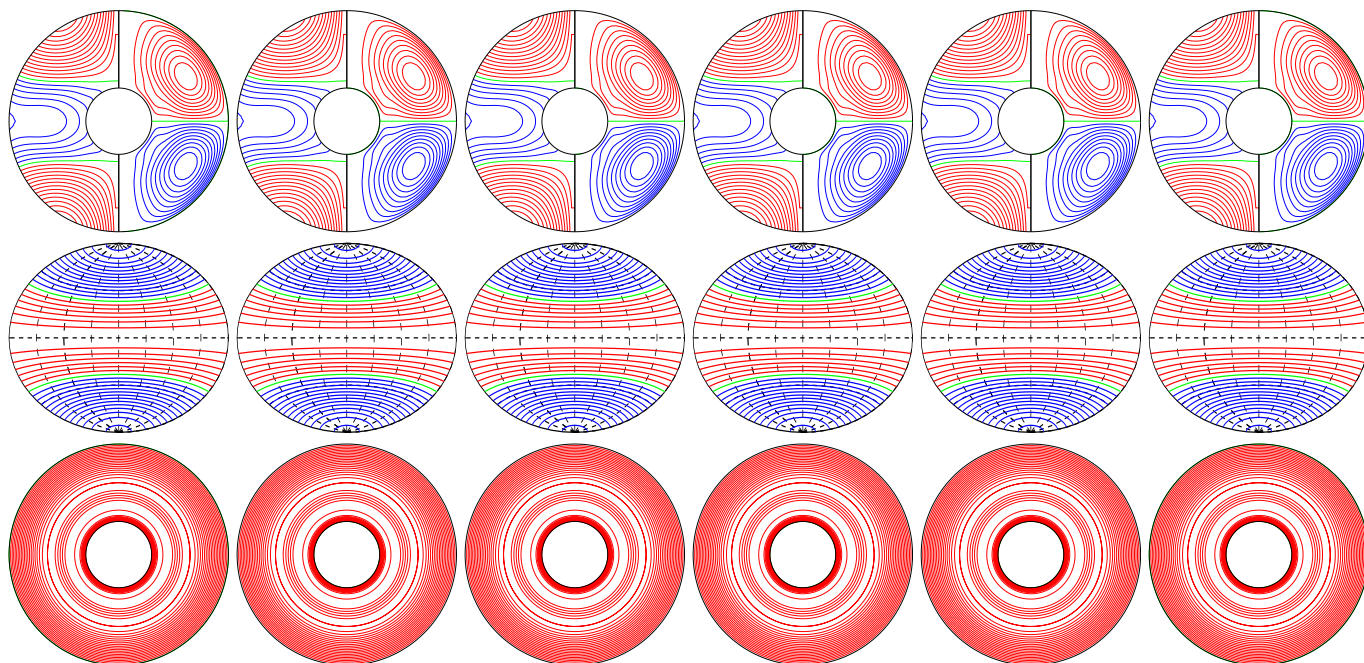


Nusselt Number

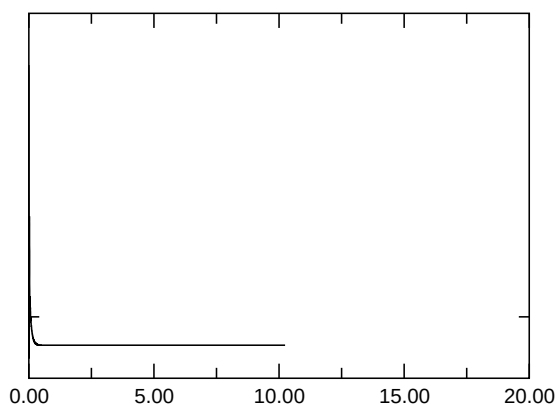


a.e03p1t03r-100000m1n2N0001z1e5.10
times: 3.840003 5.120004 6.400005 7.680006 8.960007 10.24001

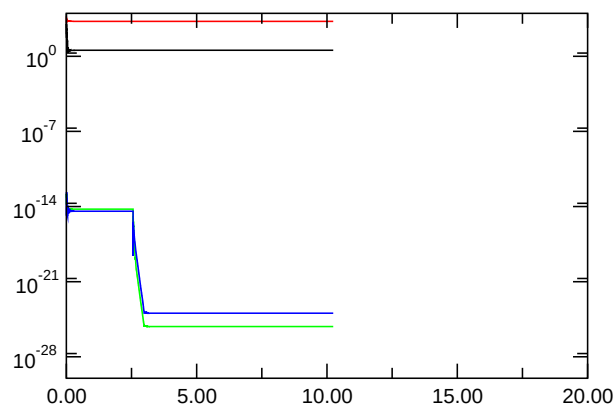
October 30, 2015



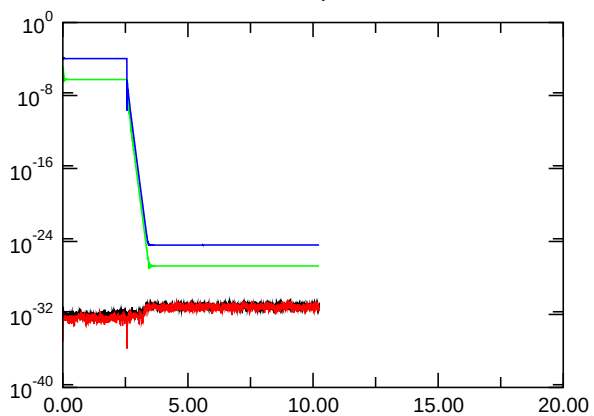
a.e03p1t03r-100000m1n2N0001z1e5
 E_{kin}



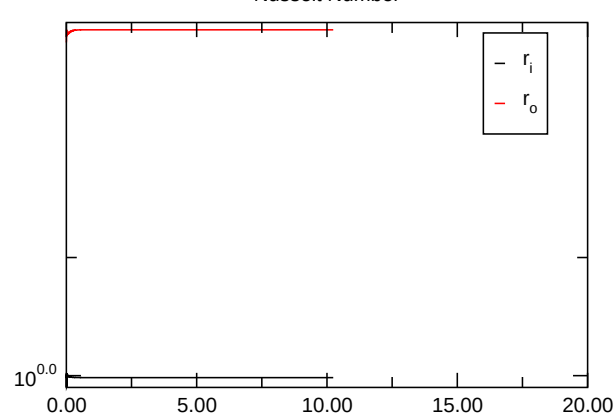
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

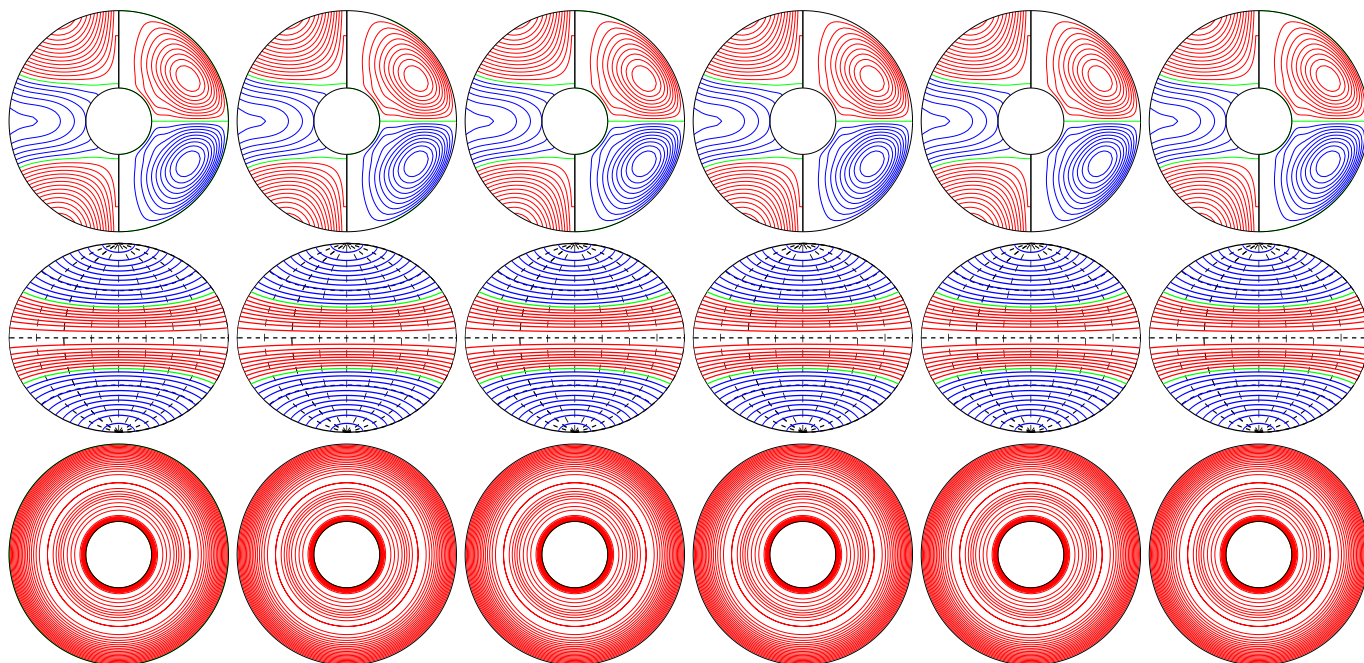


Nusselt Number

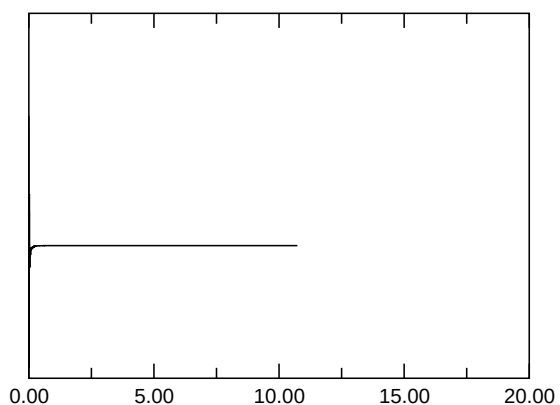


a.e03p1t03r-100000m1n2N0001z1.5e5.10
times: 3.840003 5.120004 6.400005 7.680006 8.960007 10.24001

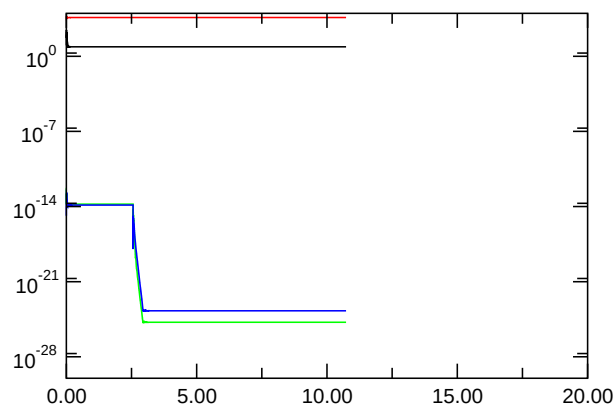
October 30, 2015



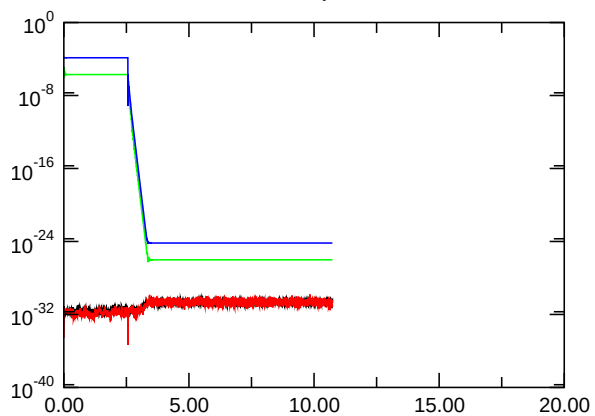
a.e03p1t03r-100000m1n2N0001z1.5e5
 E_{kin}



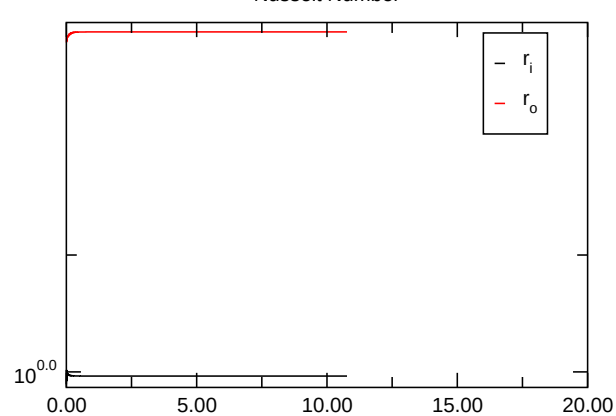
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

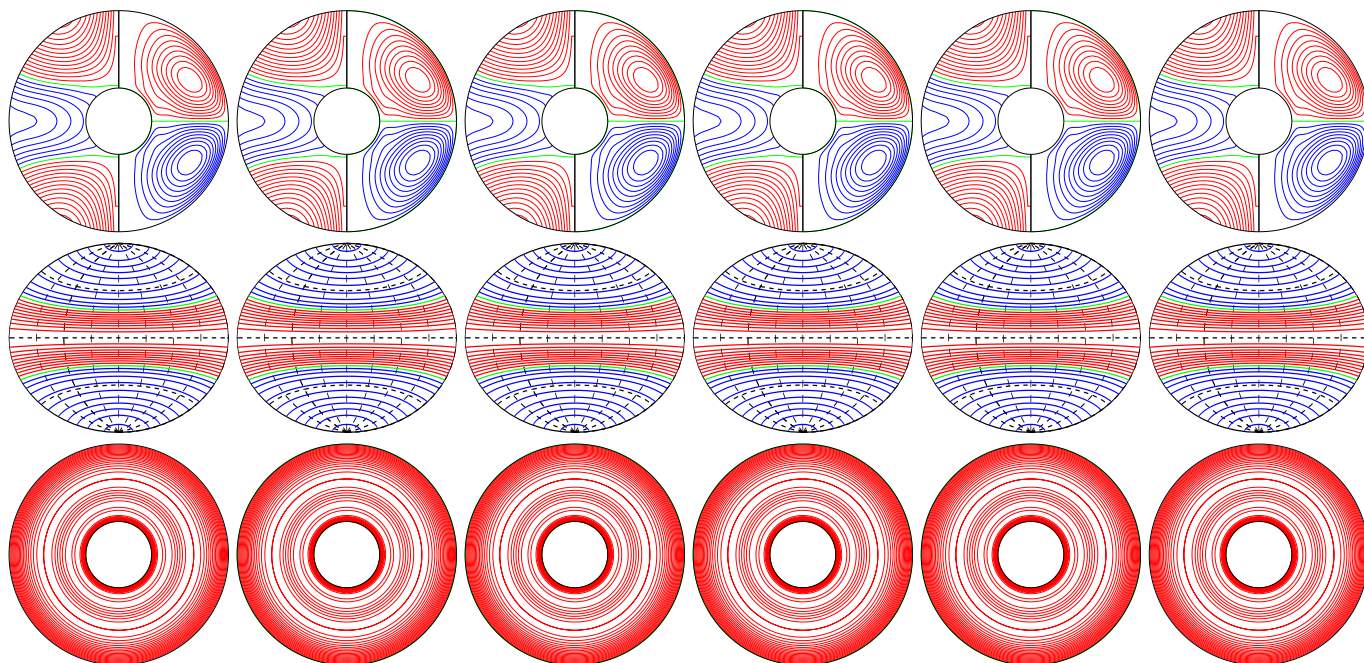


Nusselt Number



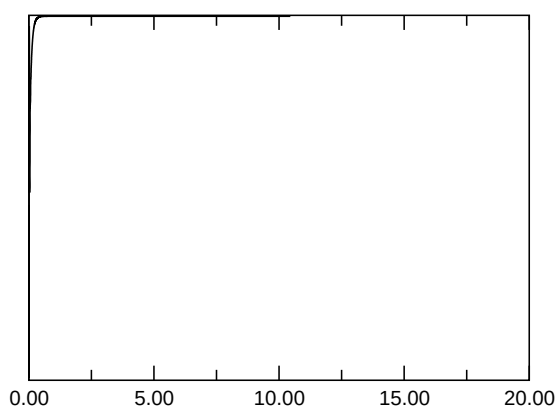
a.e03p1t03r-100000m1n2N0001z1.8e5.10
times: 3.840003 5.120004 6.400005 7.680006 8.960007 10.24001

October 30, 2015

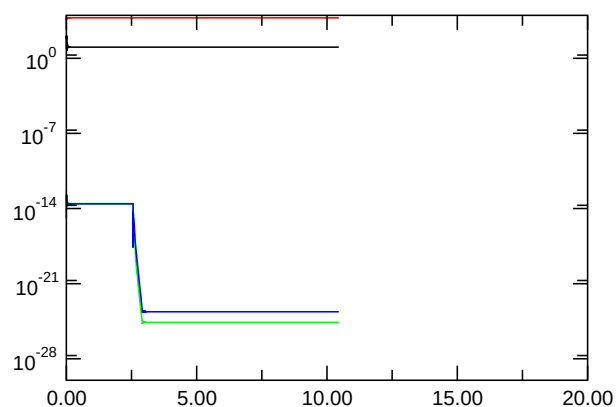


a.e03p1t03r-100000m1n2N0001z1.8e5

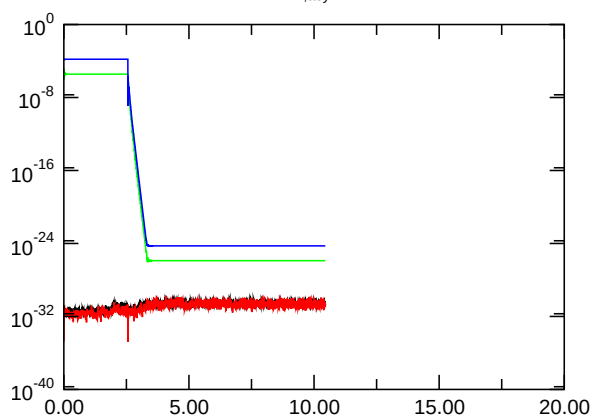
E_{kin}



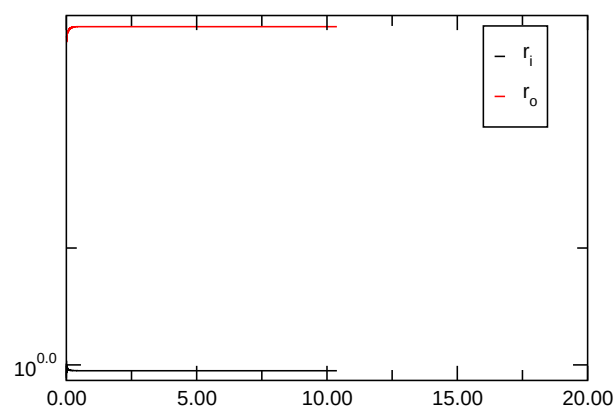
$E_{\text{kin, symm.}}$



$E_{\text{kin, asymm.}}$

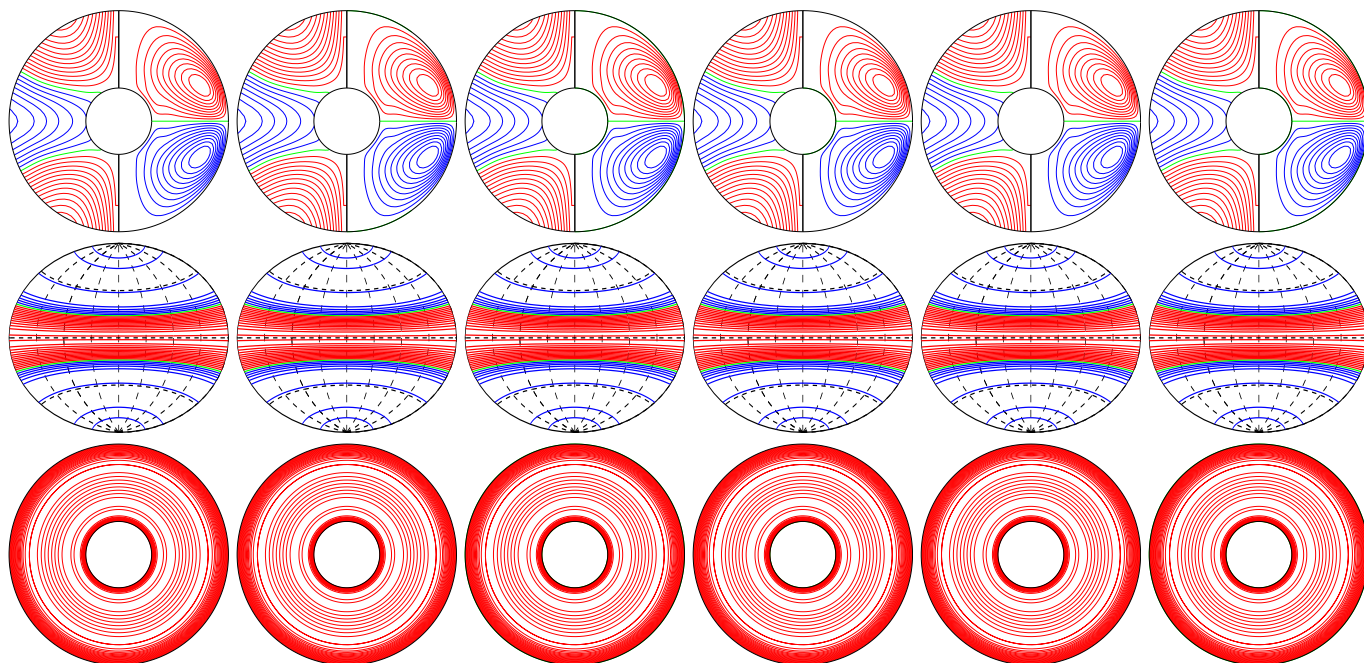


Nusselt Number

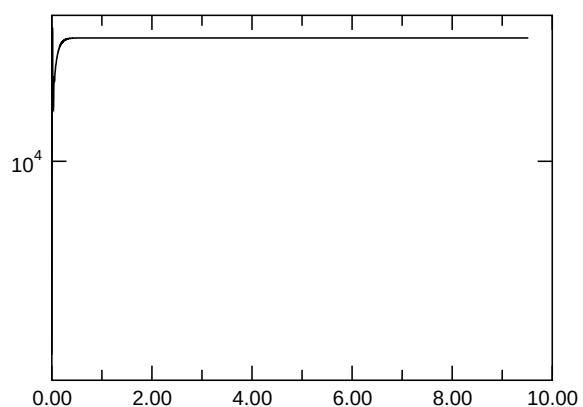


a.e03p1t03r-100000m1n2N0001z2.8e5.9
times: 2.560002 3.840003 5.120004 6.400005 7.680006 8.960007

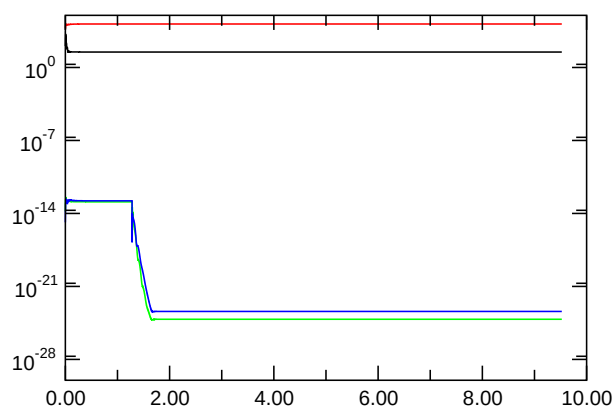
October 30, 2015



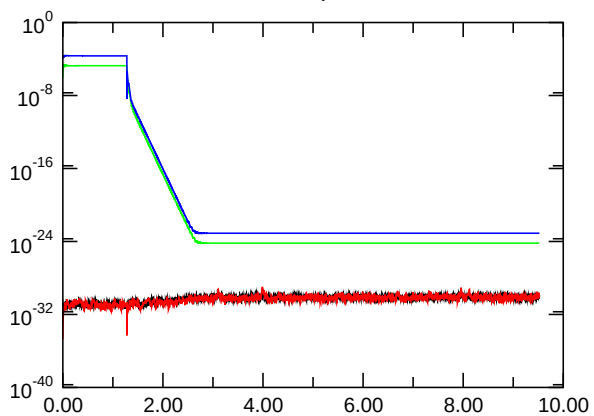
a.e03p1t03r-100000m1n2N0001z2.8e5
 E_{kin}



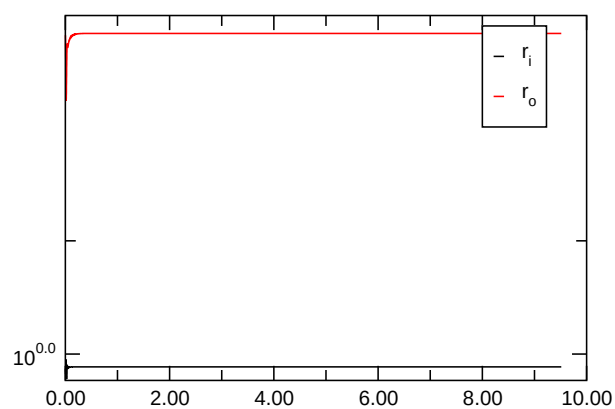
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

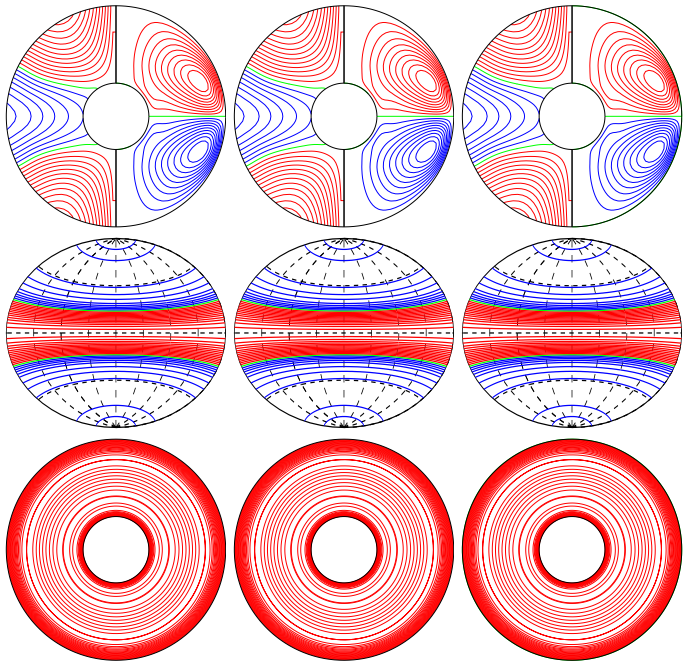


Nusselt Number

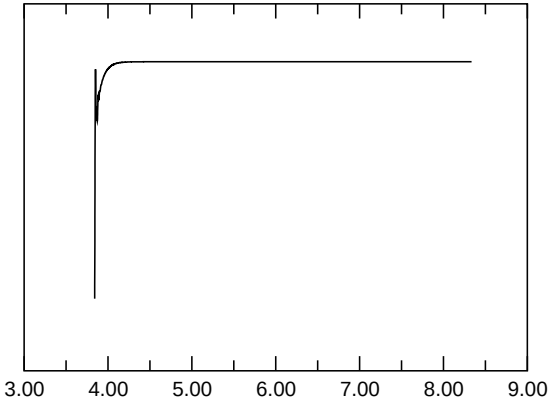


a.e03p1t03r-100000m1n2N0001z2.9e5.4
times: 5.120004 6.400005 7.680006

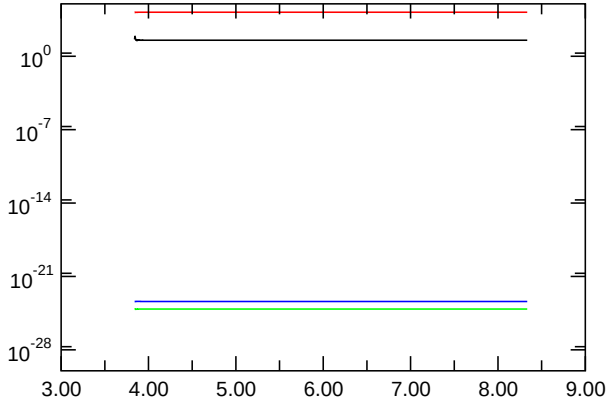
October 30, 2015



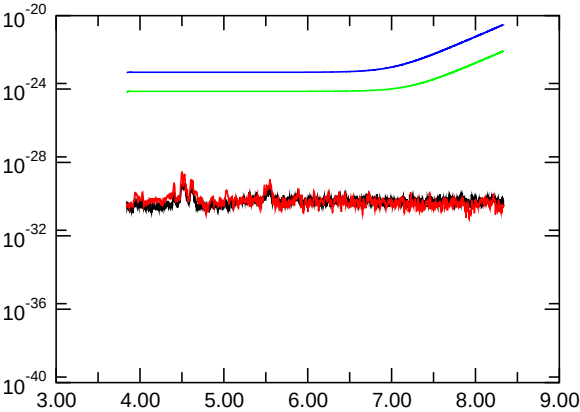
a.e03p1t03r-100000m1n2N0001z2.9e5
 E_{kin}



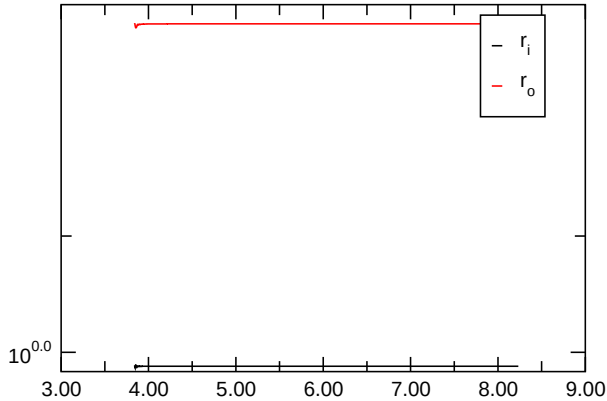
$E_{\text{kin,symm.}}$

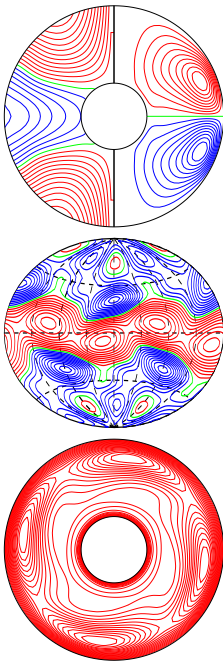


$E_{\text{kin,asymm.}}$

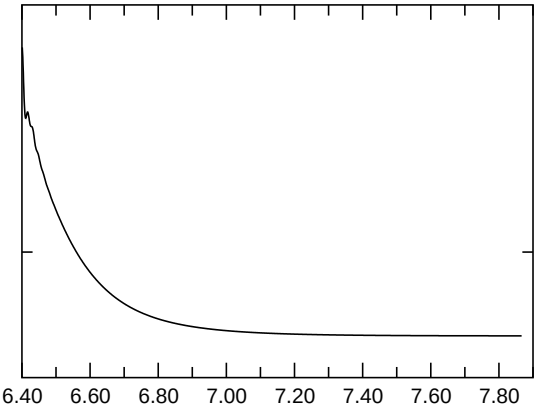


Nusselt Number

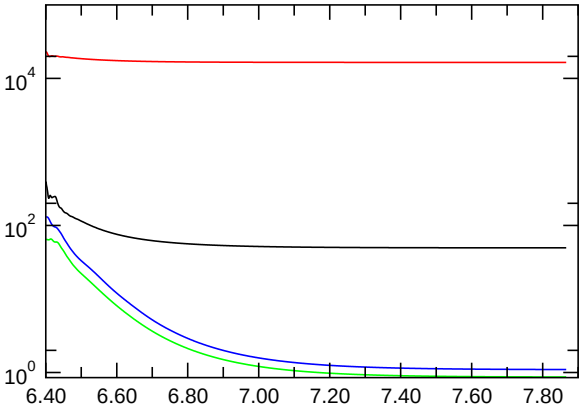




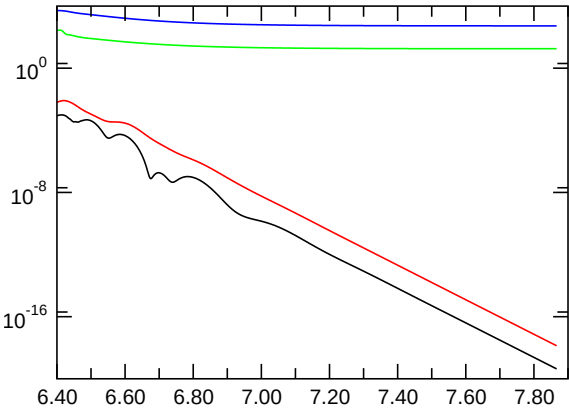
a.e03p1t03r-100000m1n2N0001z2.94e5a
 E_{kin}



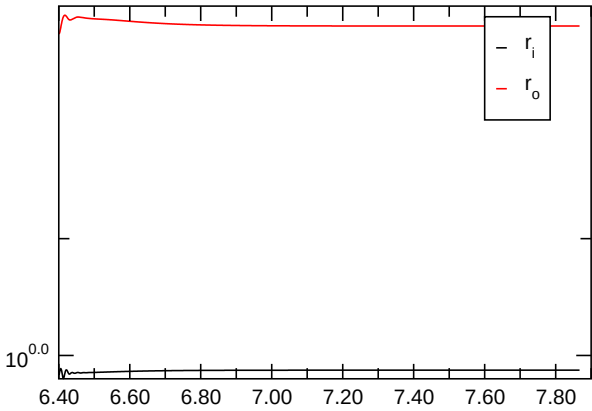
$E_{\text{kin,symm.}}$

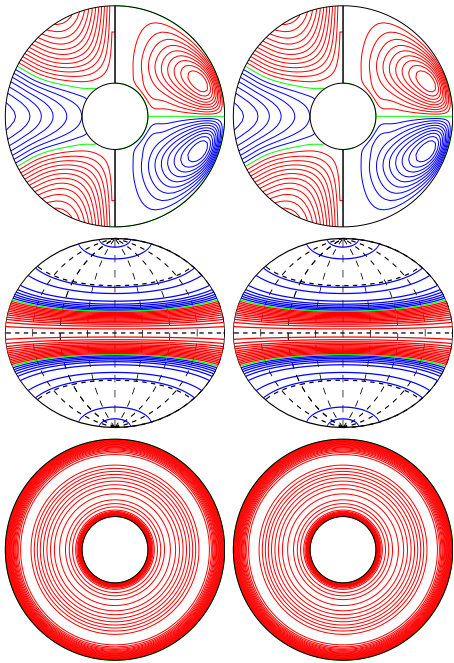


$E_{\text{kin,asymm.}}$

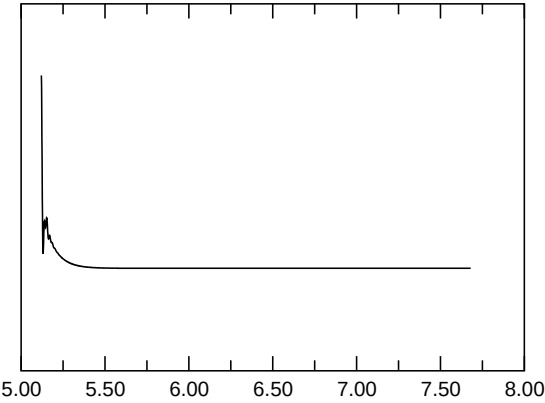


Nusselt Number

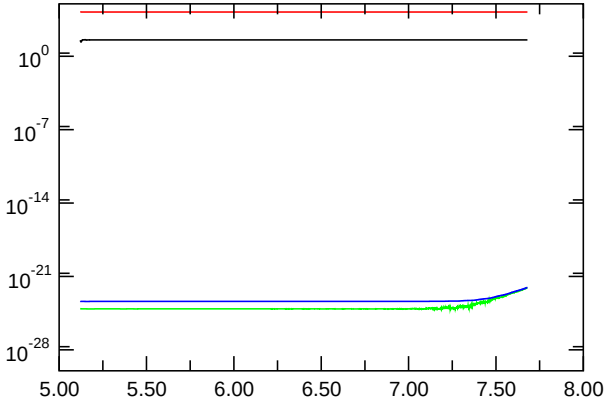




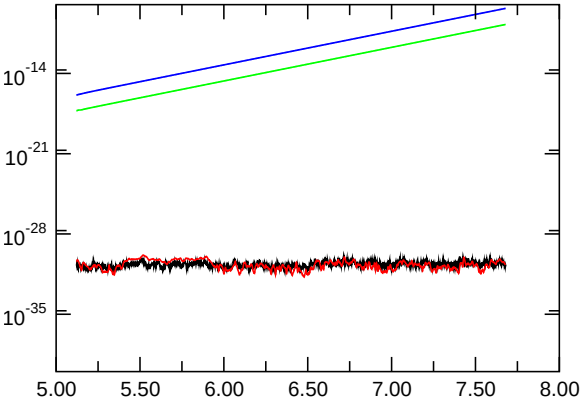
a.e03p1t03r-100000m1n2N0001z2.95e5
 E_{kin}



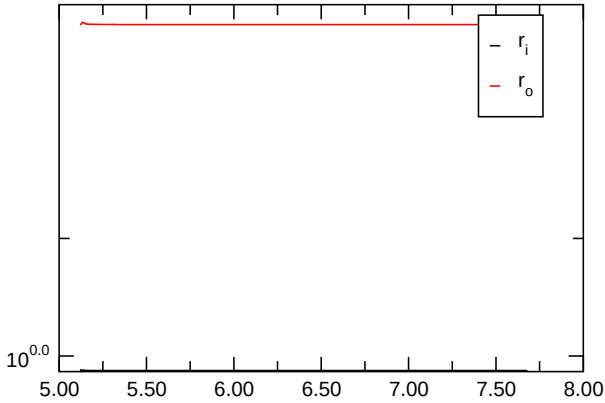
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



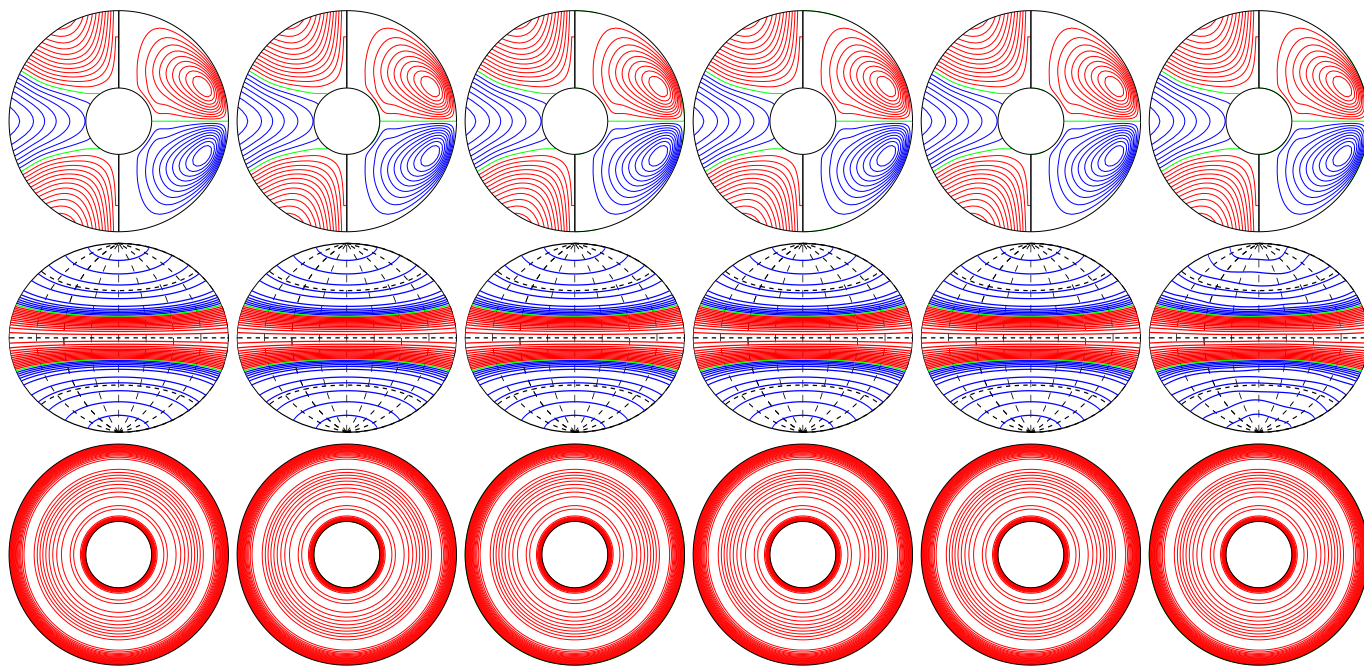
Nusselt Number



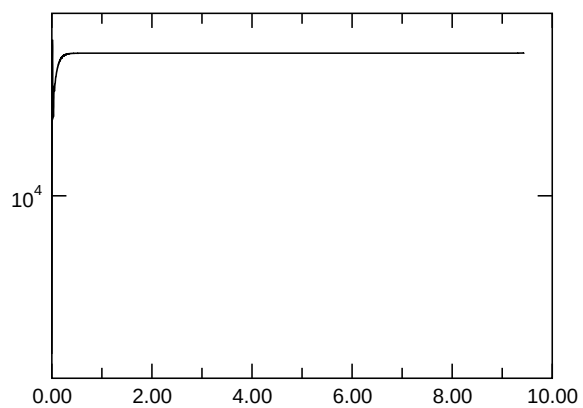
a.e03p1t03r-100000m1n2N0001z3e5.9

times: 2.560002 3.840003 5.120004 6.400005 7.680006 8.960007

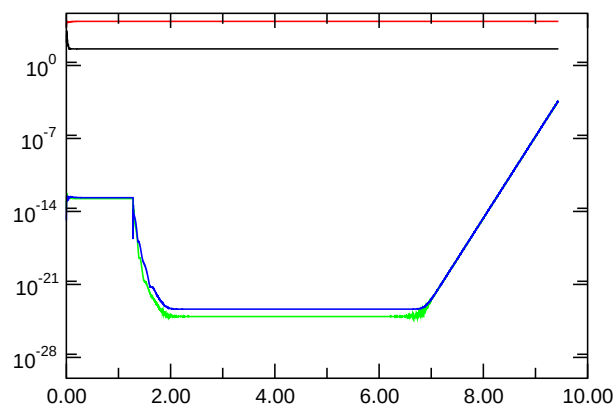
October 30, 2015



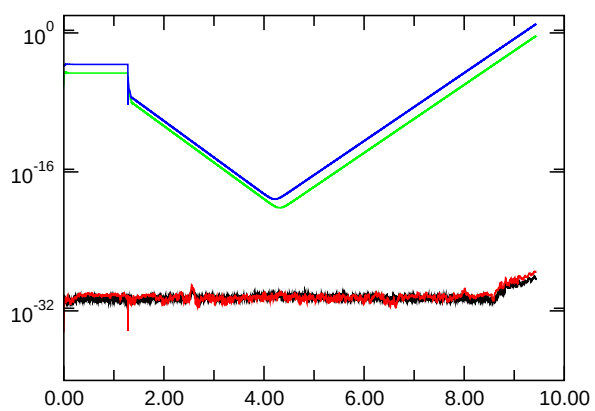
a.e03p1t03r-100000m1n2N0001z3e5
 E_{kin}



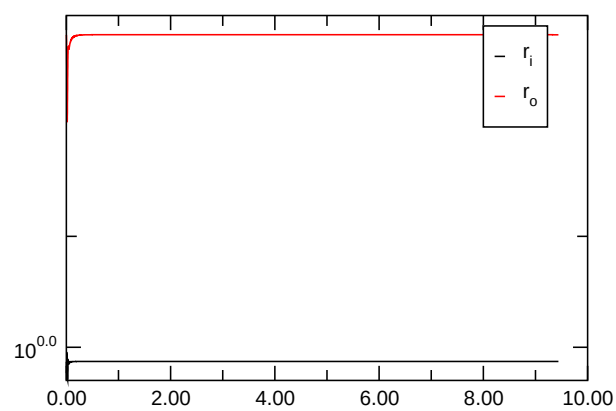
$E_{\text{kin,symm.}}$

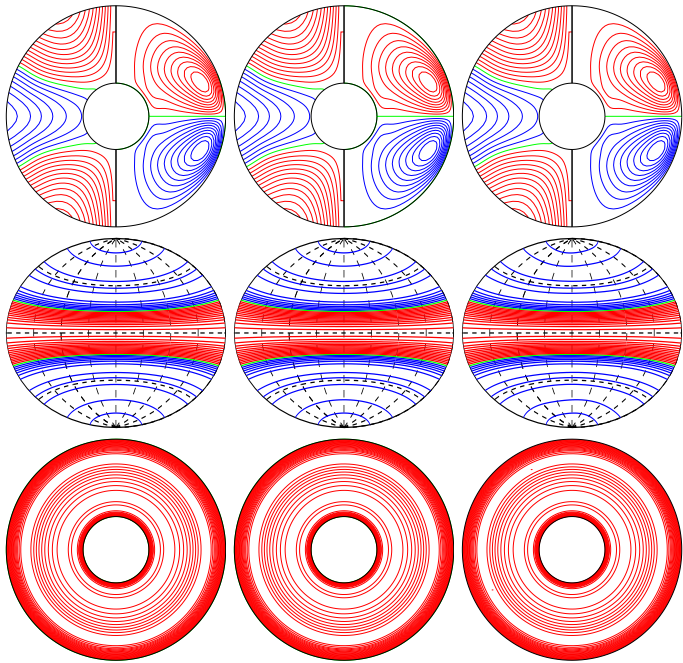


$E_{\text{kin,asymm.}}$

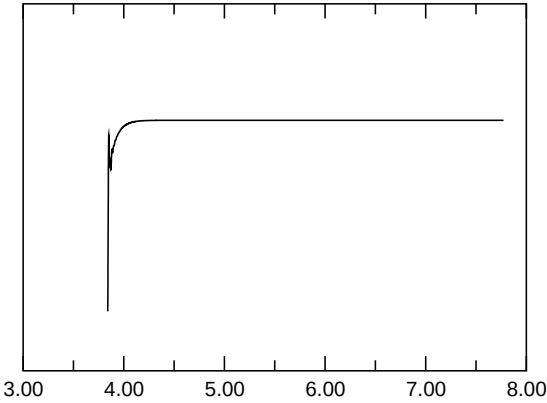


Nusselt Number

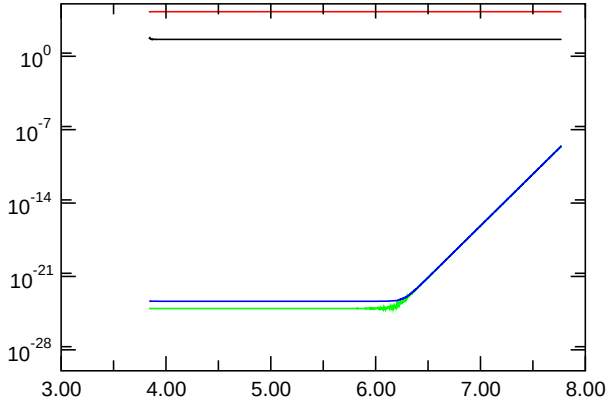




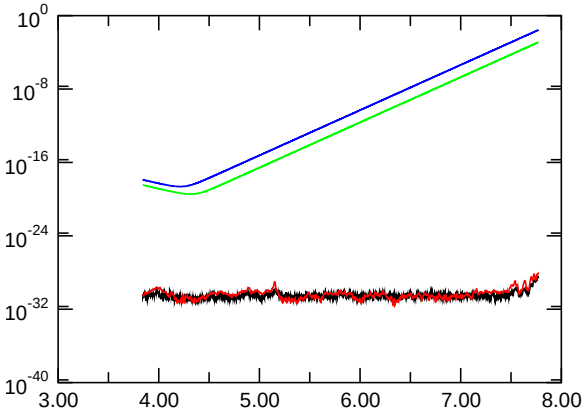
a.e03p1t03r-100000m1n2N0001z3.05e5
 E_{kin}



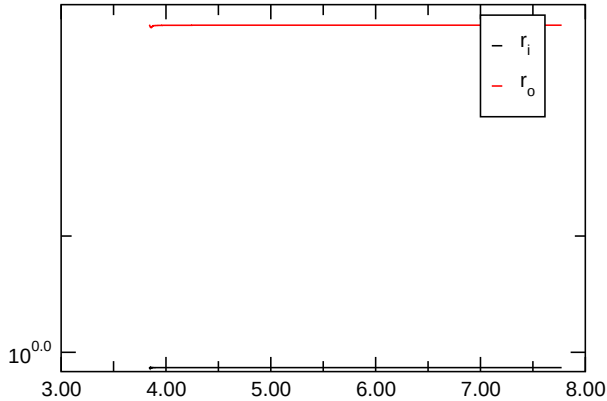
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

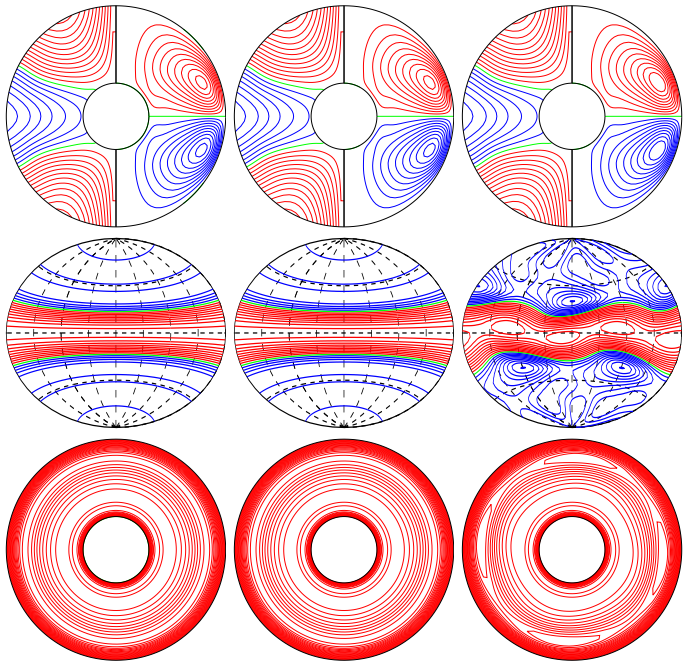


Nusselt Number

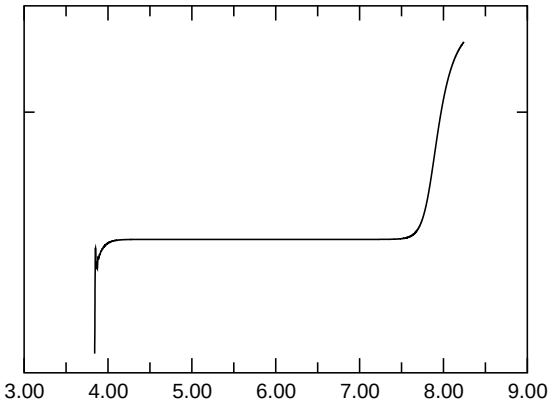


a.e03p1t03r-100000m1n2N0001z3.1e5.4
times: 5.120004 6.400005 7.680006

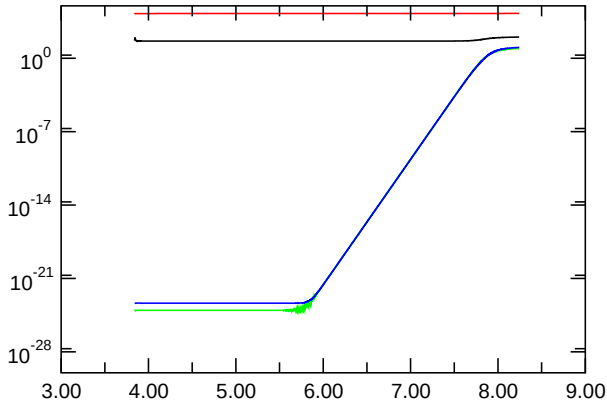
October 30, 2015



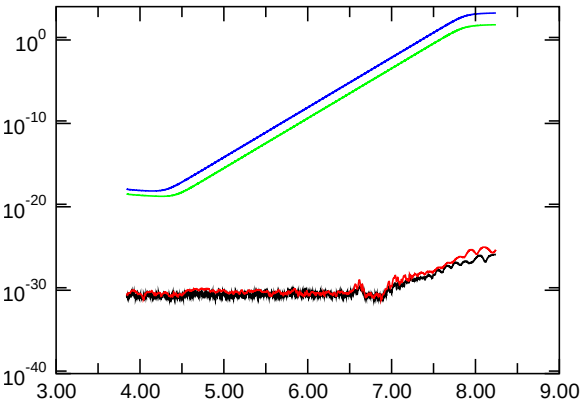
a.e03p1t03r-100000m1n2N0001z3.1e5
 E_{kin}



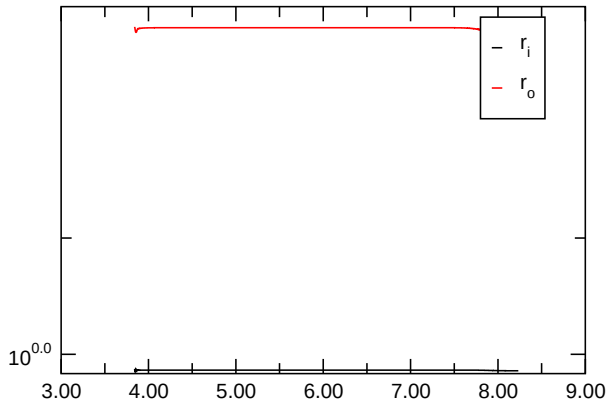
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

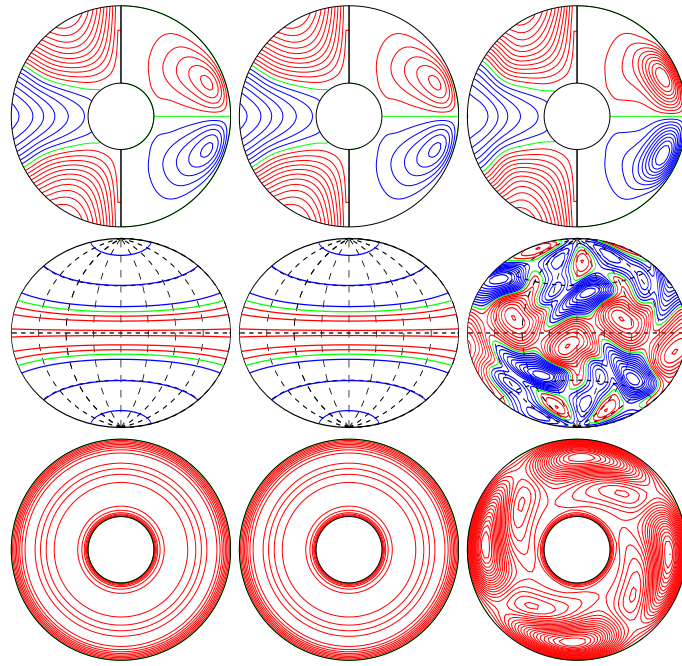


Nusselt Number

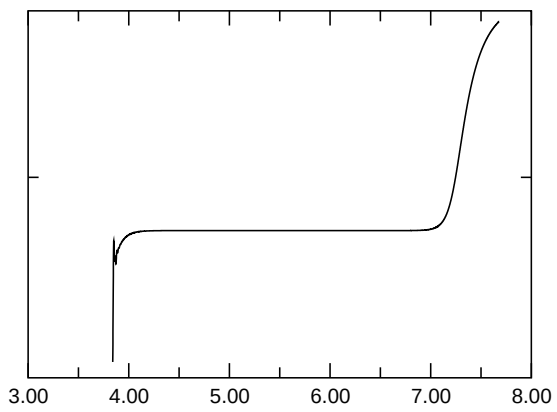


a.e03p1t03r-100000m1n2N0001z3.15e5.4
times: 5.120004 6.400005 7.680006

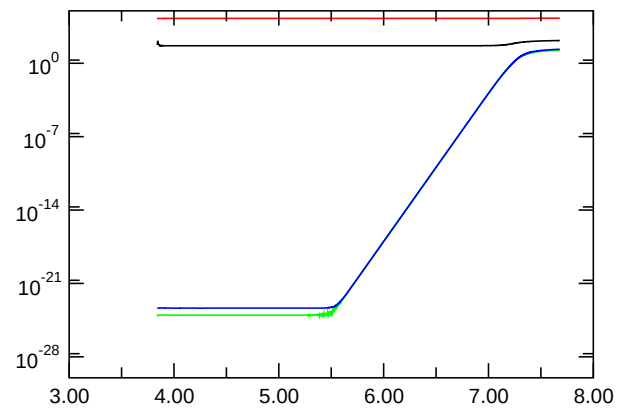
October 30, 2015



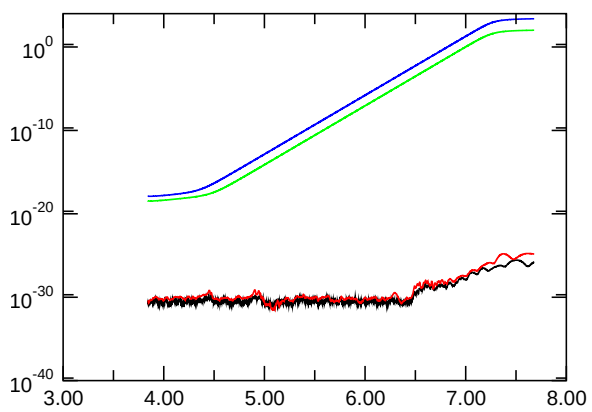
a.e03p1t03r-100000m1n2N0001z3.15e5
 E_{kin}



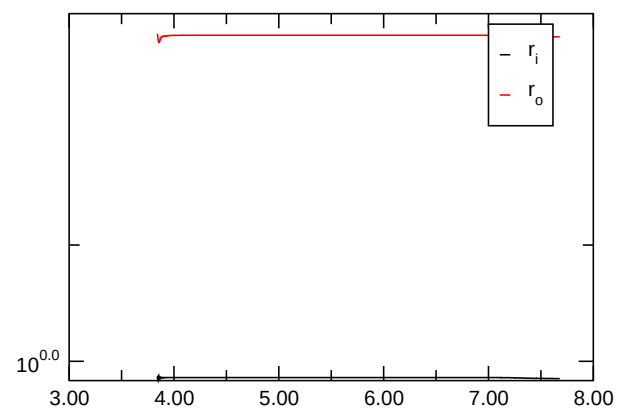
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

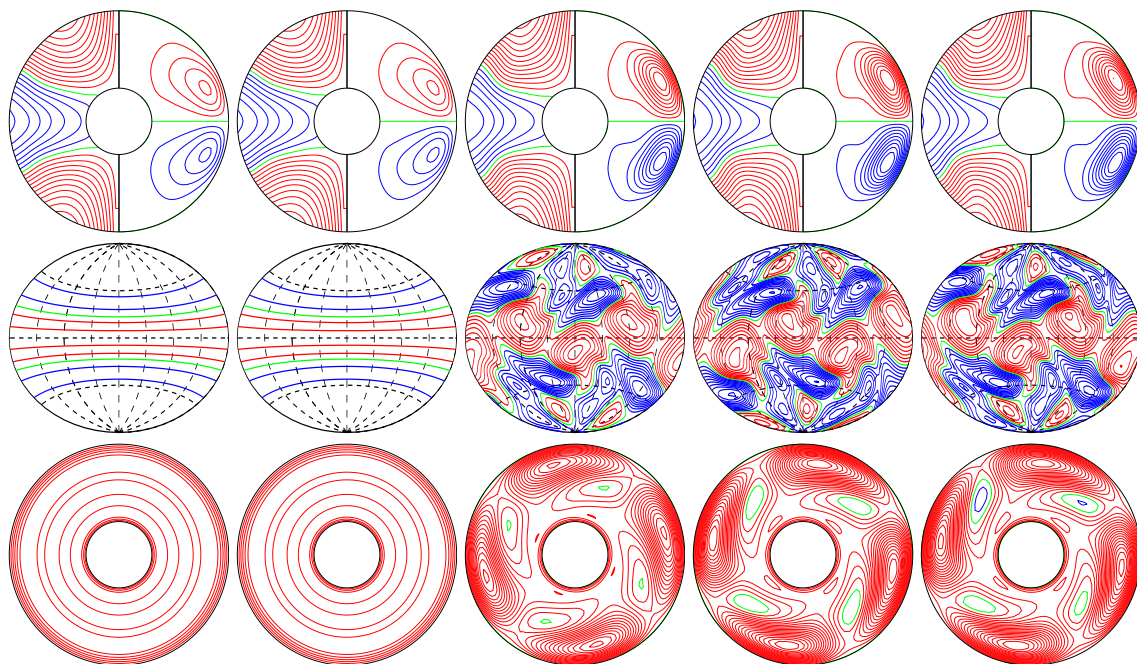


Nusselt Number

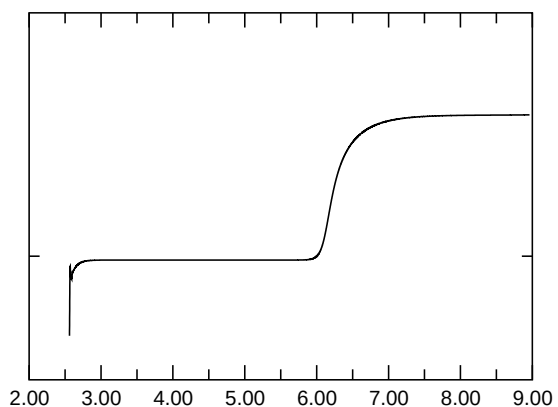


a.e03p1t03r-100000m1n2N0001z3.2e5.6
times: 3.840003 5.120004 6.400005 7.680006 8.960007

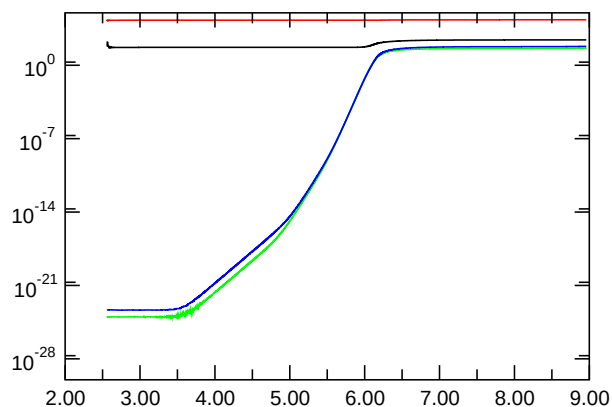
October 30, 2015



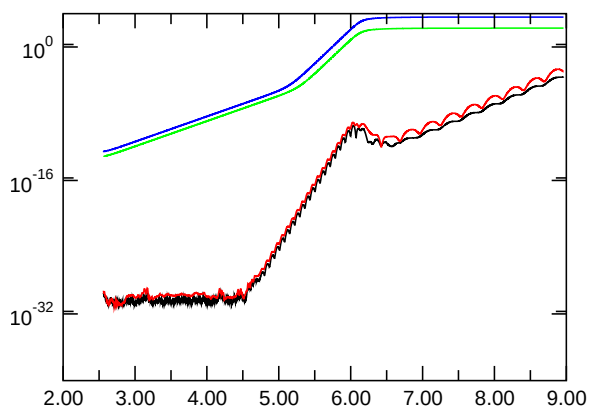
a.e03p1t03r-100000m1n2N0001z3.2e5
 E_{kin}



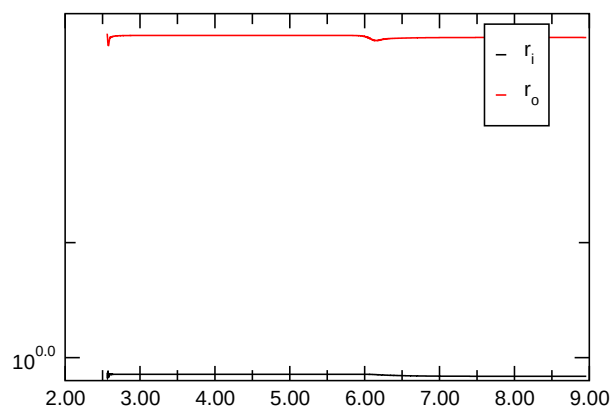
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

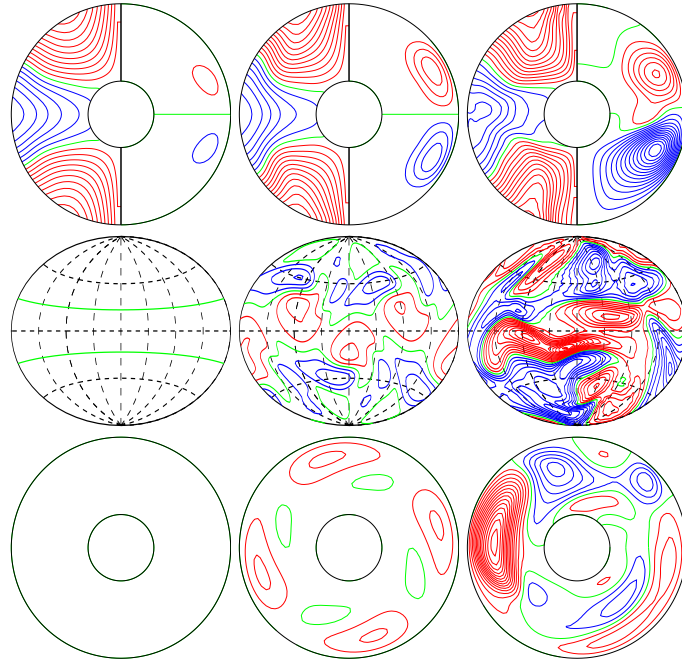


Nusselt Number

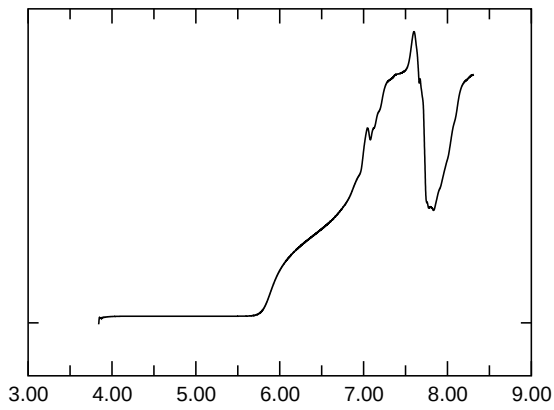


a.e03p1t03r-100000m1n2N0001z3.25e5.4
times: 5.120004 6.400005 7.680006

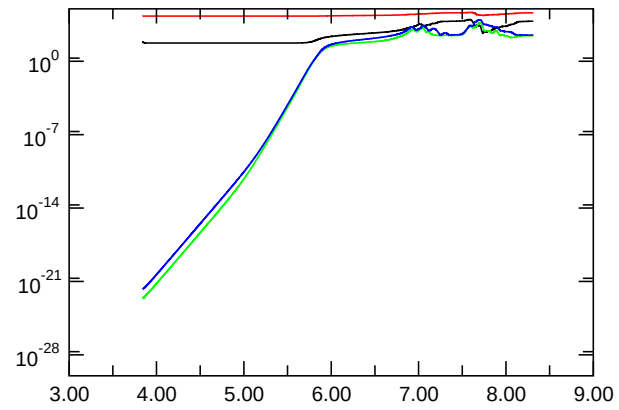
October 30, 2015



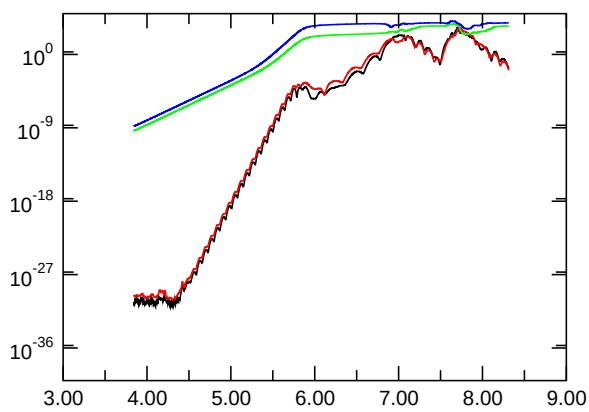
a.e03p1t03r-100000m1n2N0001z3.25e5
 E_{kin}



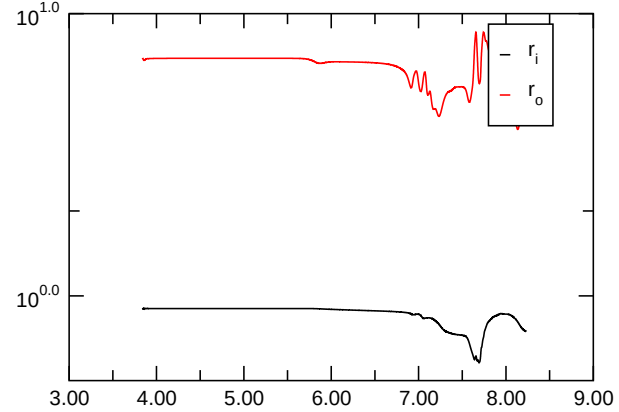
$E_{\text{kin,symm.}}$

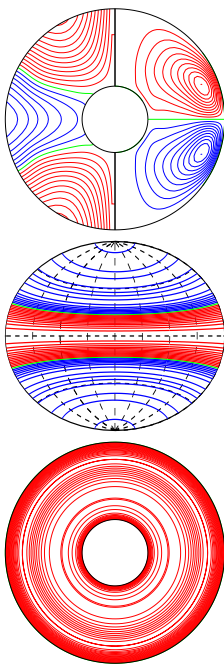


$E_{\text{kin,asymm.}}$

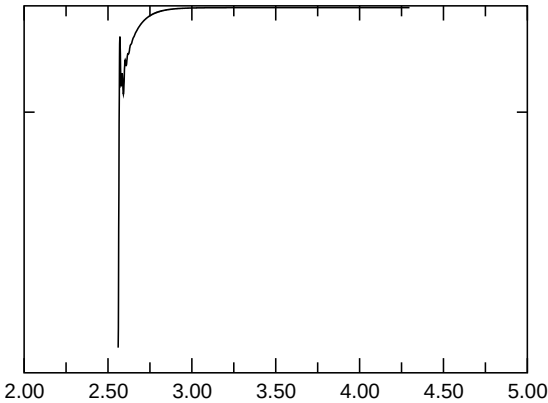


Nusselt Number

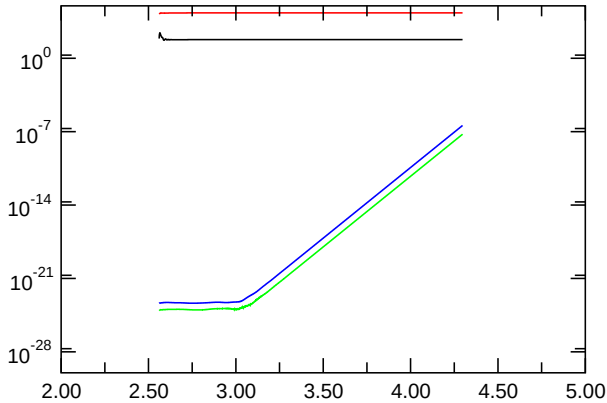




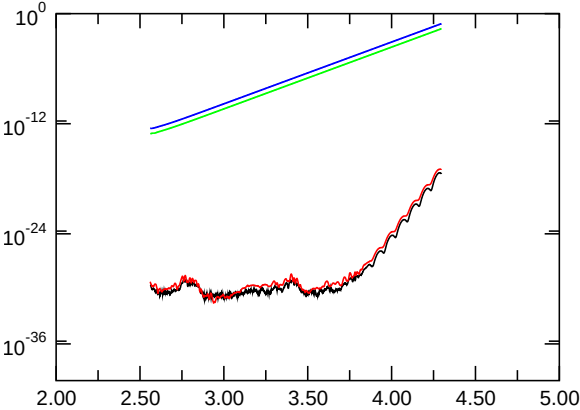
a.e03p1t03r-100000m1n2N0001z3.3e5
 E_{kin}



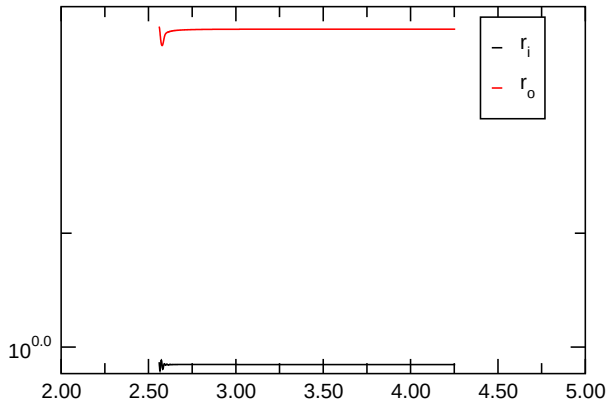
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

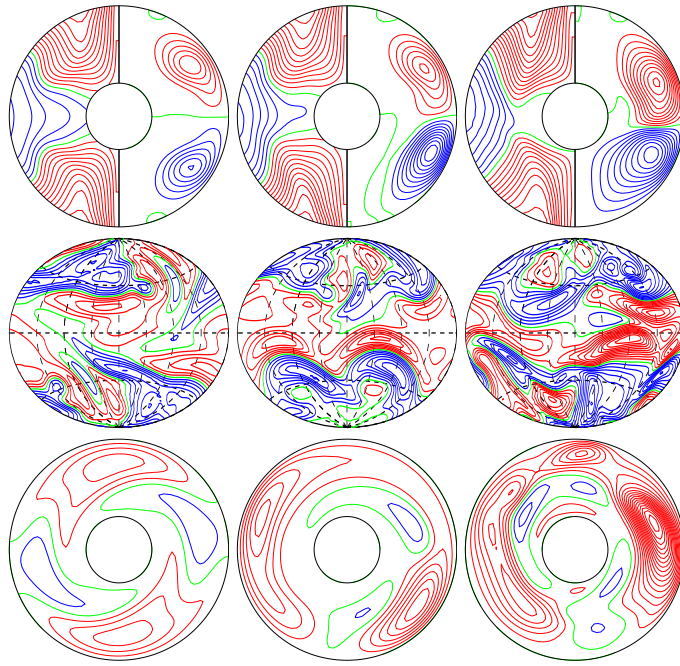


Nusselt Number



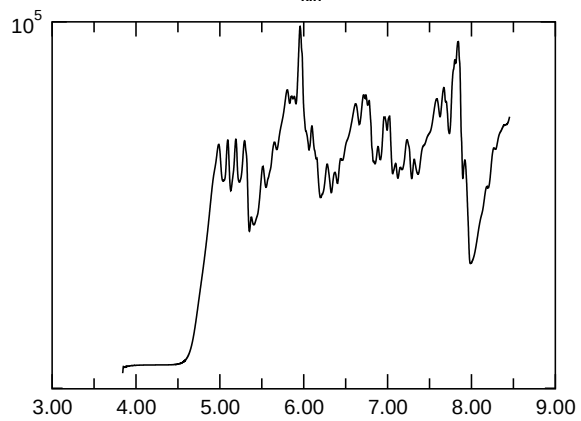
a.e03p1t03r-100000m1n2N0001z3.35e5.4
times: 5.120004 6.400005 7.680006

October 30, 2015

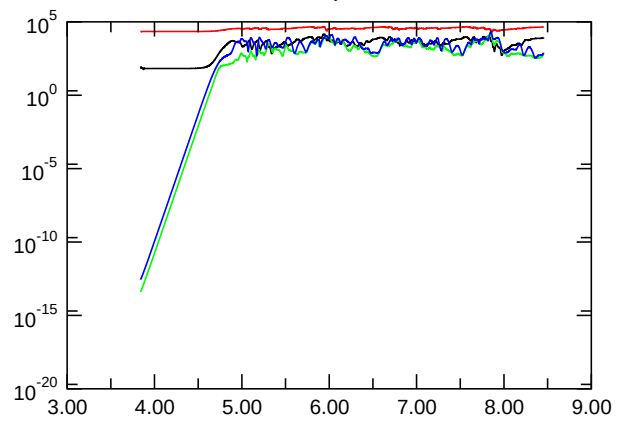


a.e03p1t03r-100000m1n2N0001z3.35e5

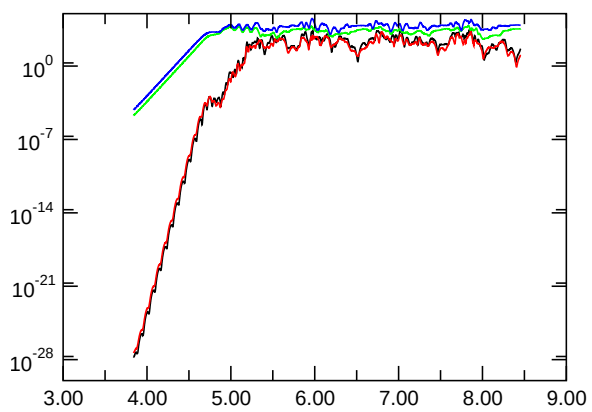
E_{kin}



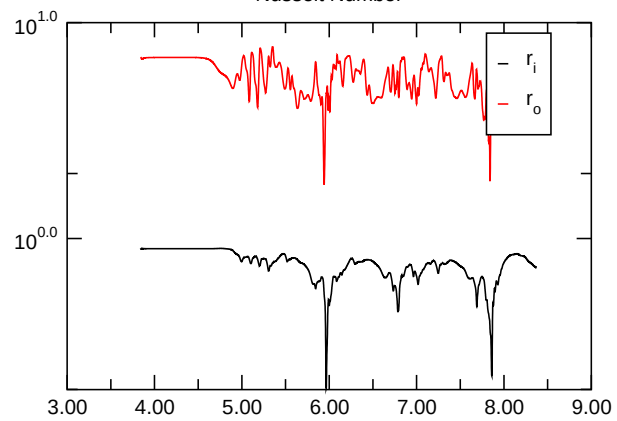
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

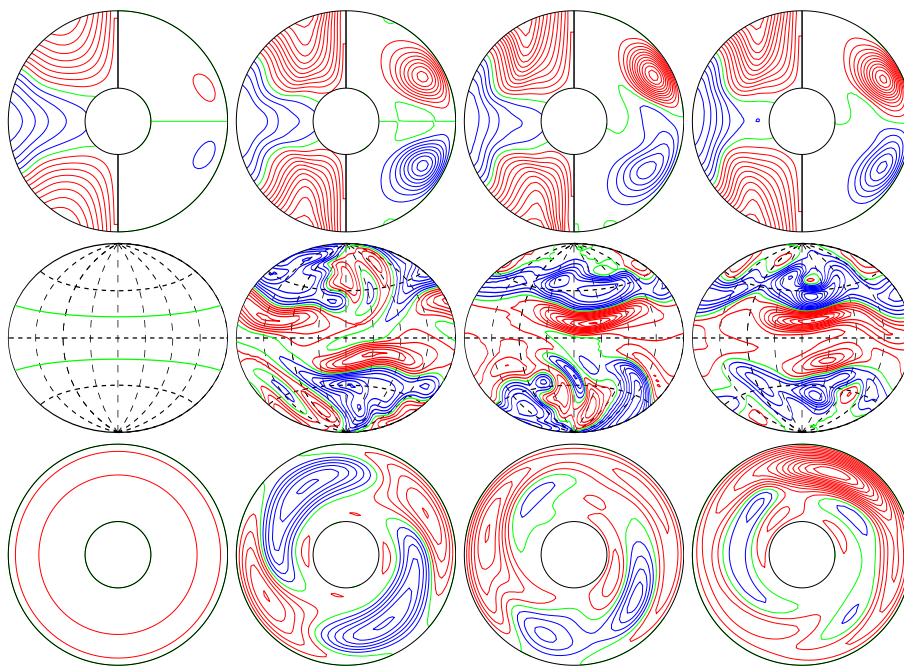


Nusselt Number

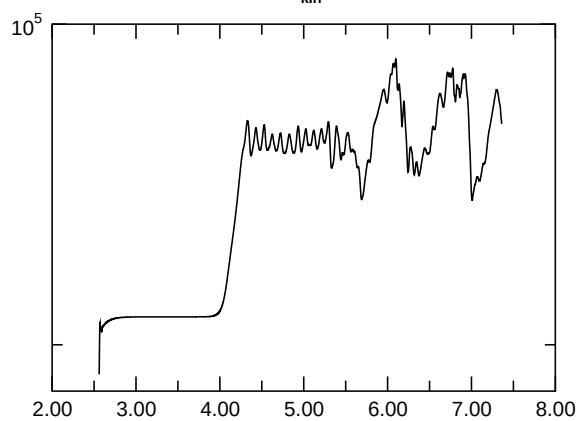


a.e03p1t03r-100000m1n2N0001z3.4e5.5
times: 3.520003 4.480004 5.440005 6.400006

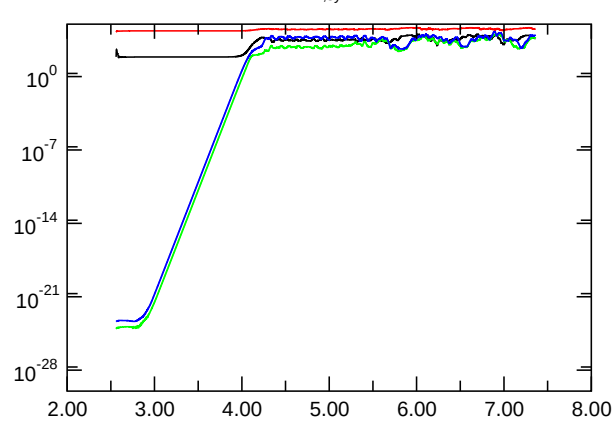
October 30, 2015



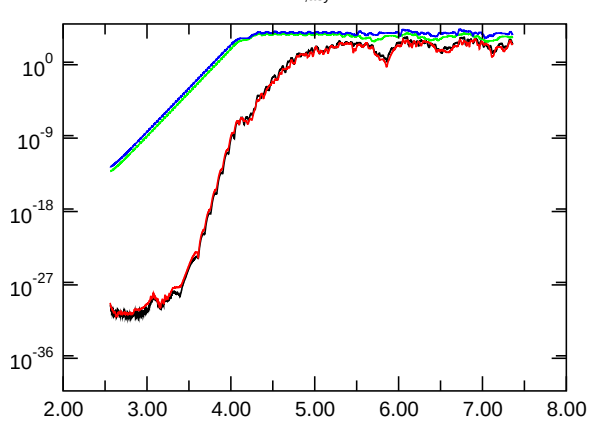
a.e03p1t03r-100000m1n2N0001z3.4e5
 E_{kin}



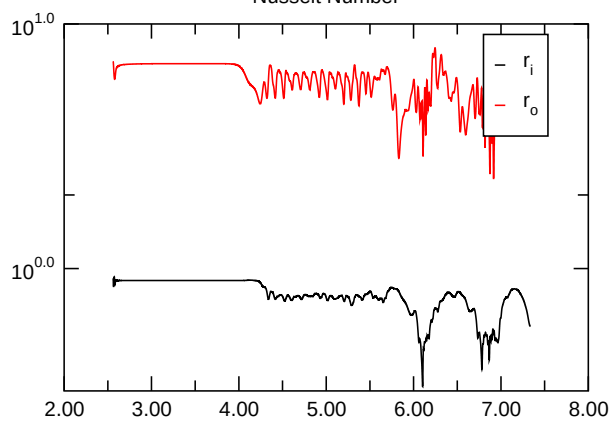
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

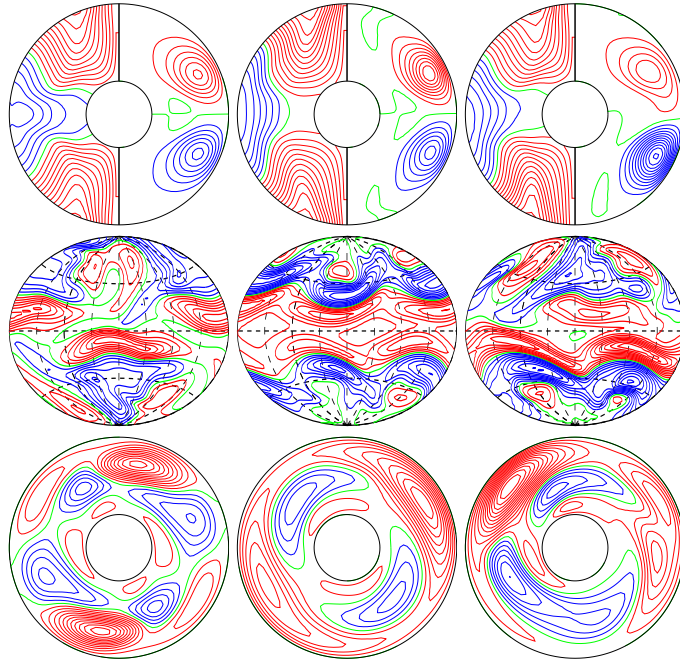


Nusselt Number

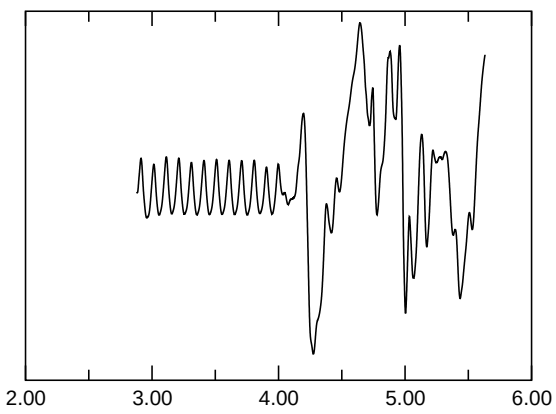


a.e03p1t03r-100000m1n2N0001z3.45e5.4
times: 3.680004 4.480004 5.280004

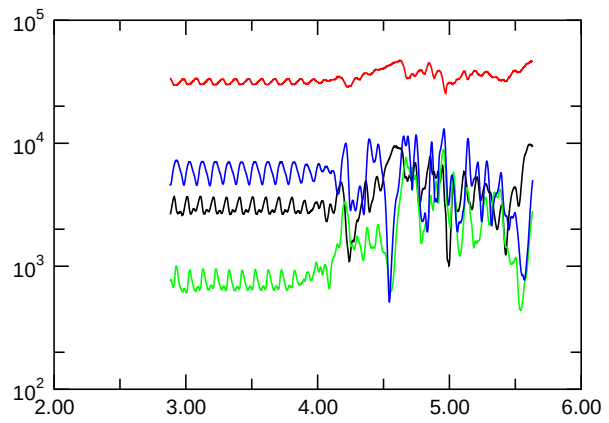
October 30, 2015



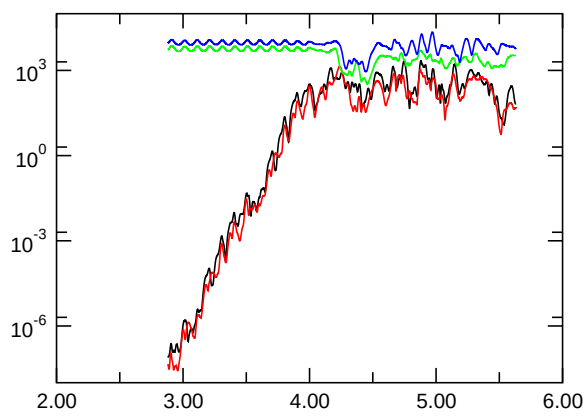
a.e03p1t03r-100000m1n2N0001z3.45e5
 E_{kin}



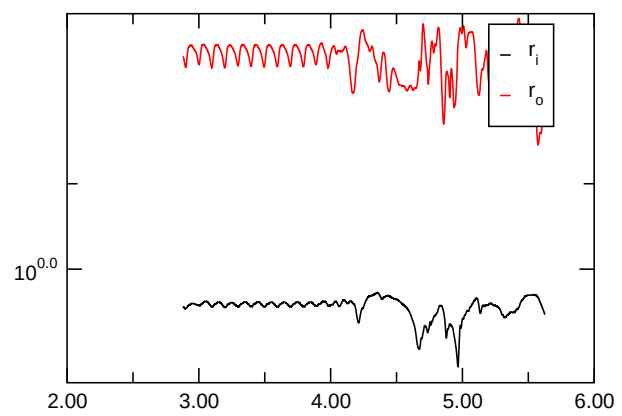
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

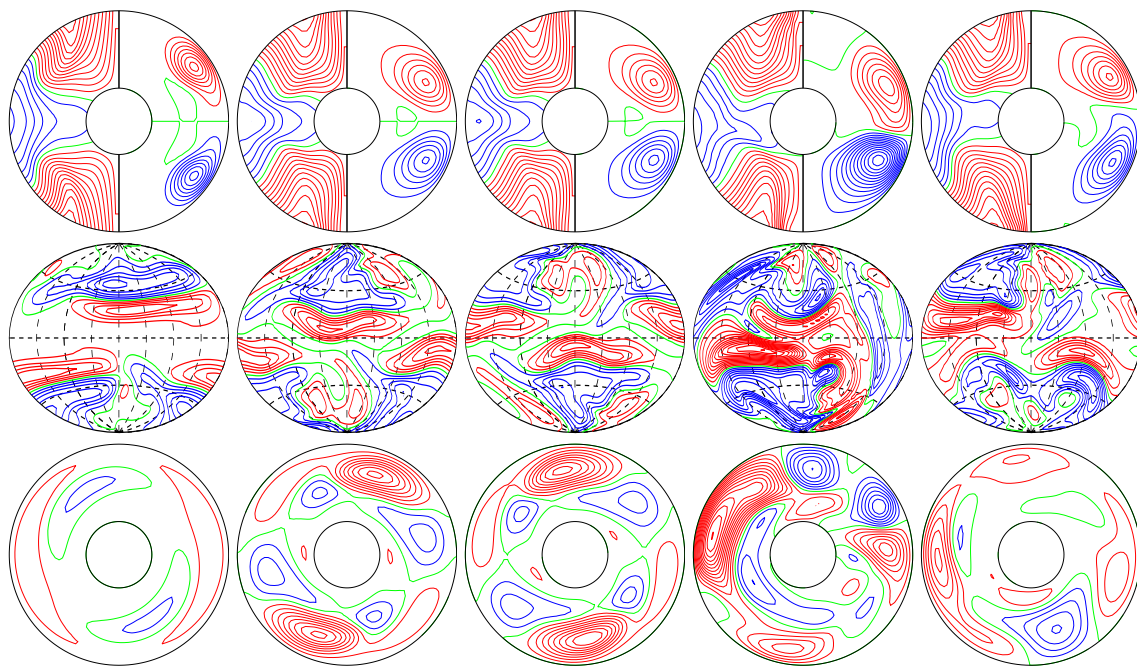


Nusselt Number



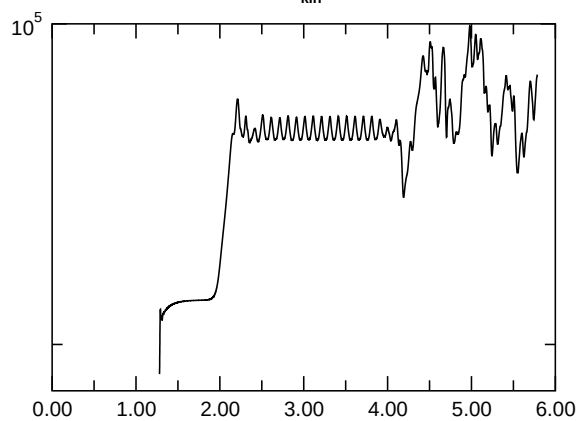
a.e03p1t03r-100000m1n2N0001z3.5e5.6
times: 2.080002 2.880003 3.680004 4.480004 5.280004

October 30, 2015

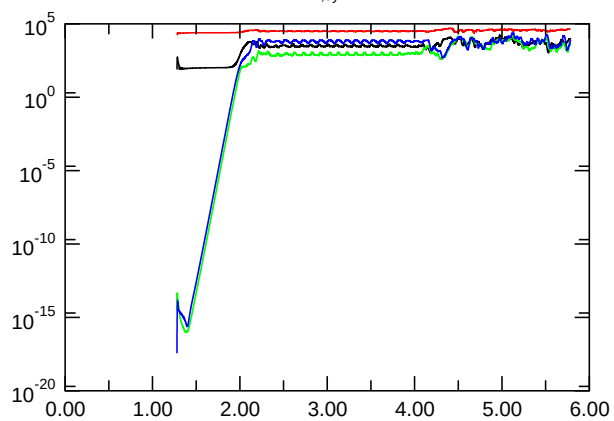


a.e03p1t03r-100000m1n2N0001z3.5e5

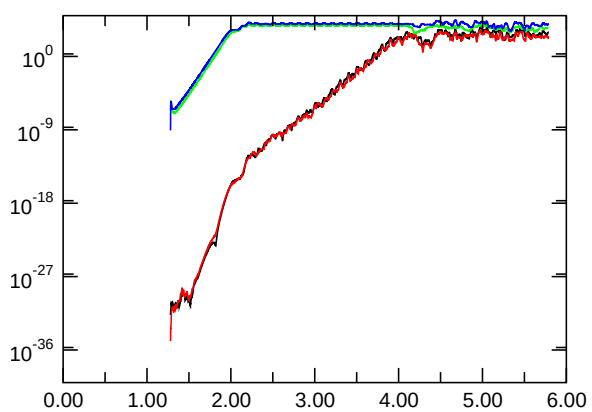
E_{kin}



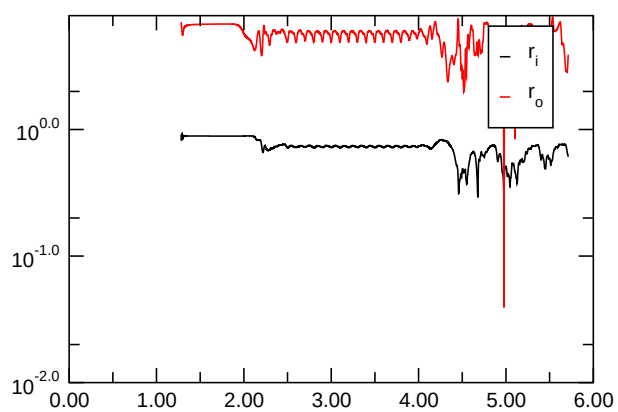
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

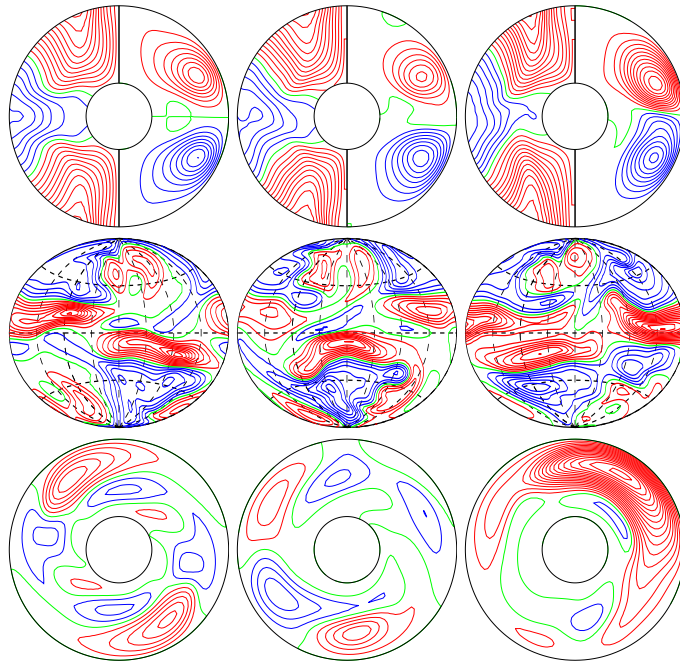


Nusselt Number

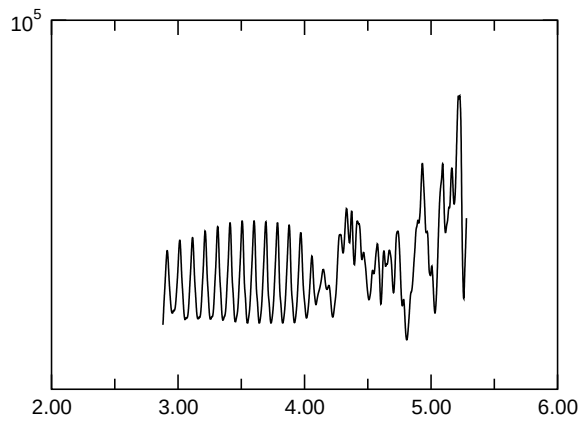


a.e03p1t03r-100000m1n2N0001z3.55e5.4
times: 3.680004 4.480004 5.280004

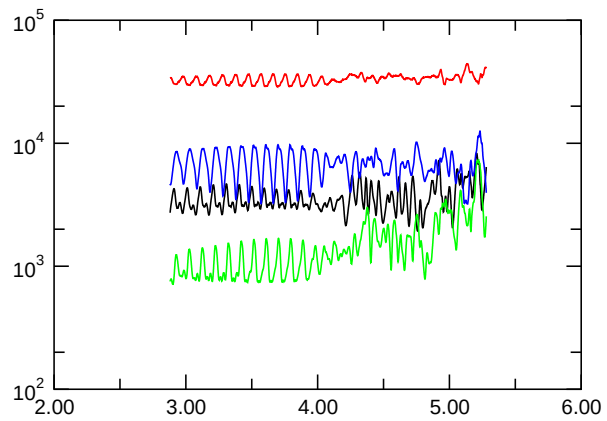
October 30, 2015



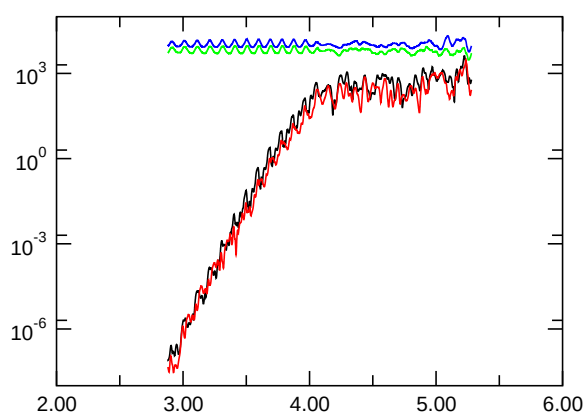
a.e03p1t03r-100000m1n2N0001z3.55e5
 E_{kin}



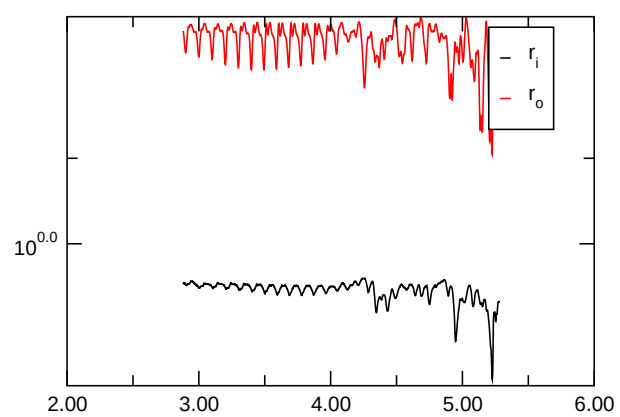
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

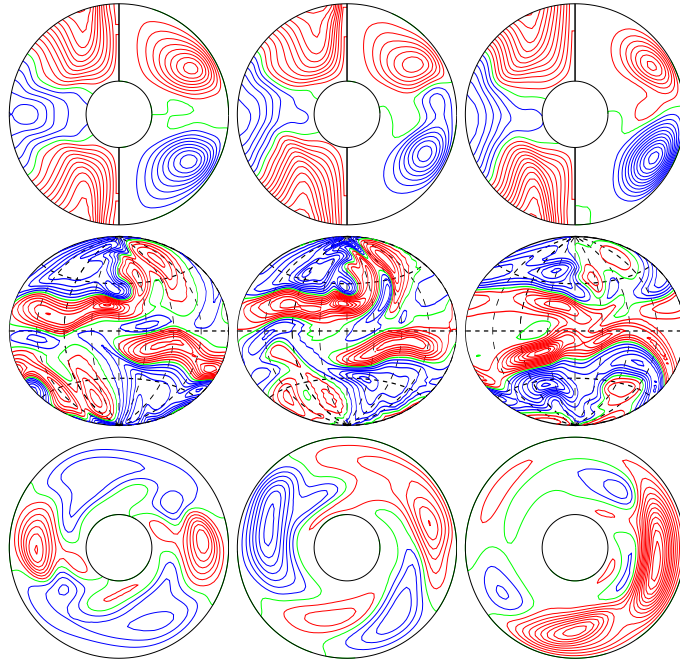


Nusselt Number

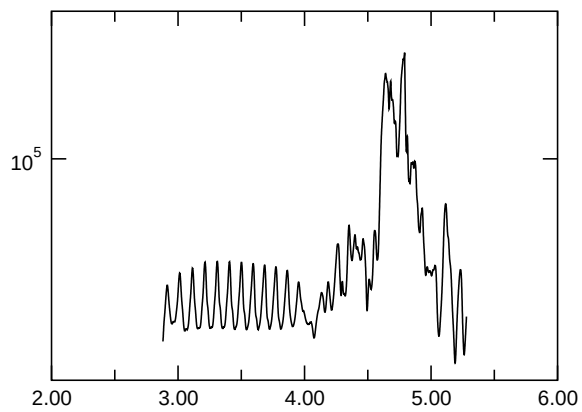


a.e03p1t03r-100000m1n2N0001z3.6e5.4
times: 3.680004 4.480004 5.280004

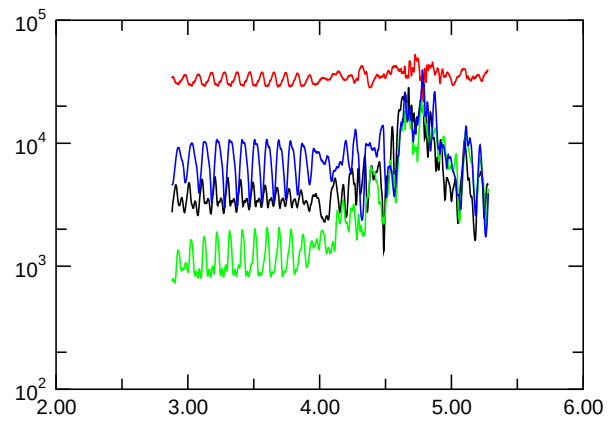
October 30, 2015



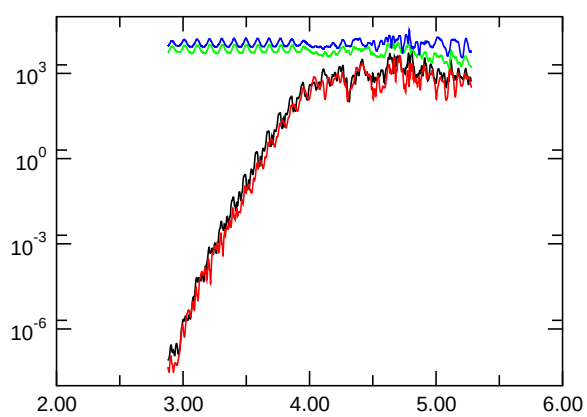
a.e03p1t03r-100000m1n2N0001z3.6e5
 E_{kin}



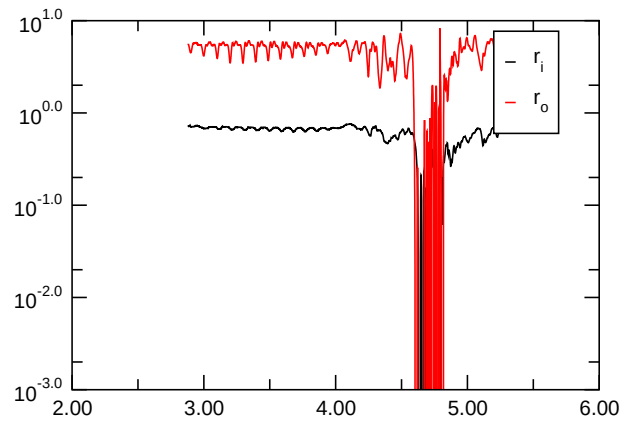
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



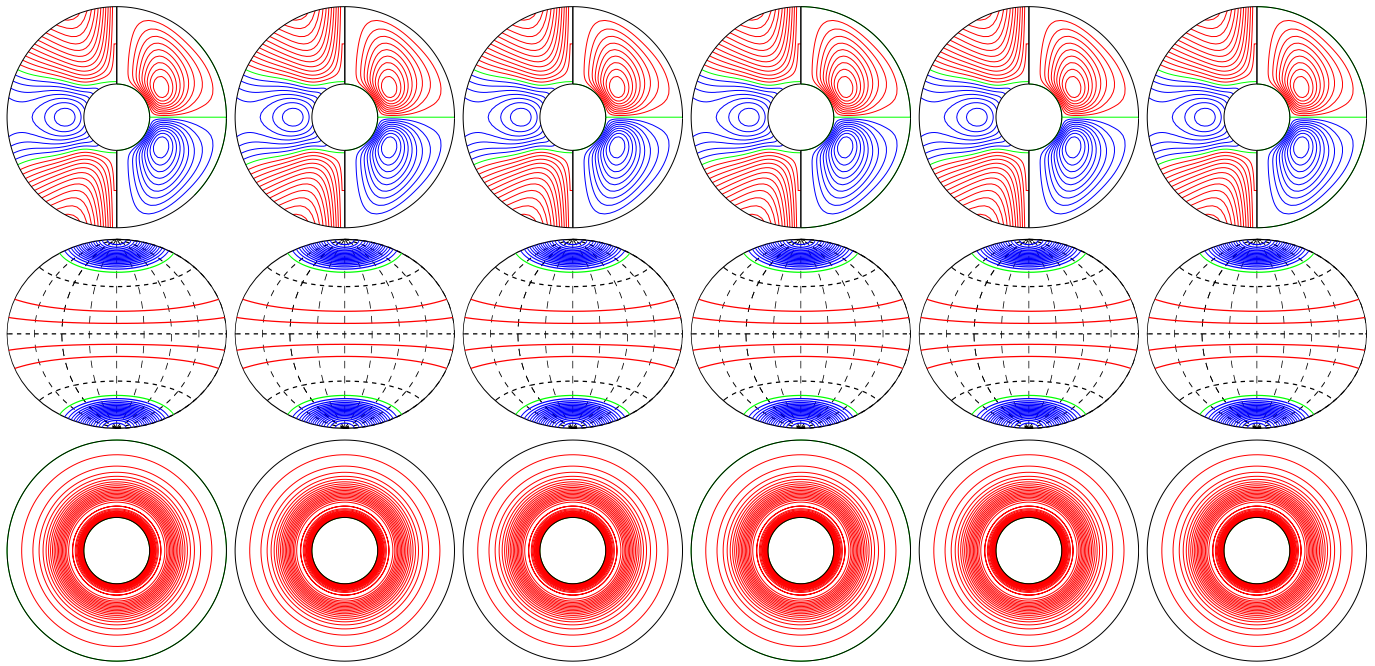
Nusselt Number



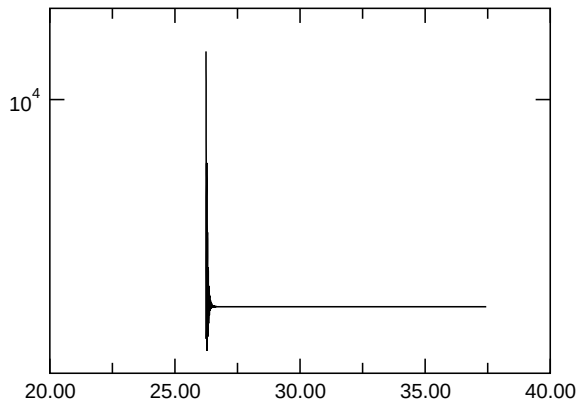
a.e03p1t03r-10000m1n2N0001z1e5.9

times: 29.44011 31.04011 32.64011 34.24011 35.84011 37.44011

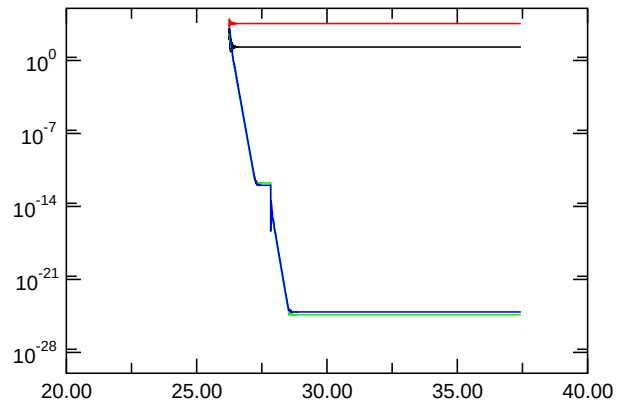
October 30, 2015



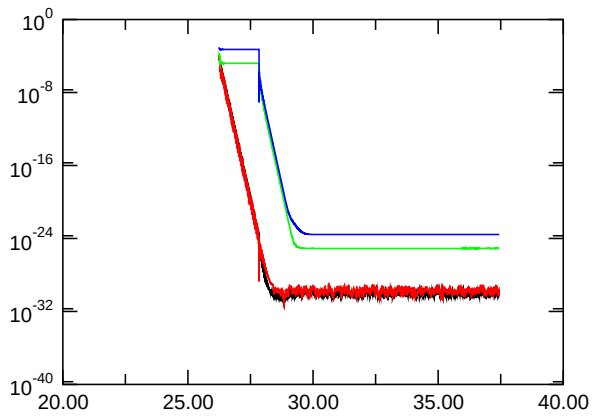
a.e03p1t03r-10000m1n2N0001z1e5
 E_{kin}



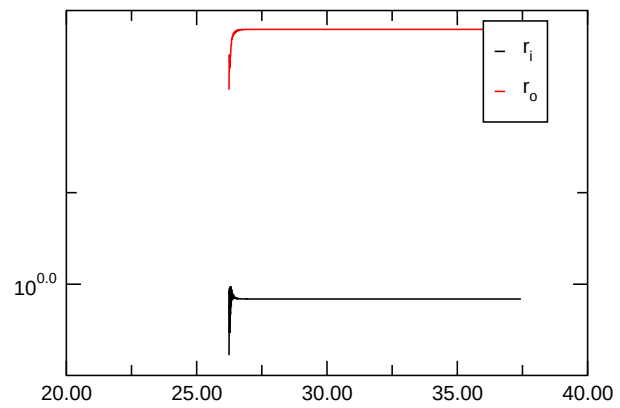
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

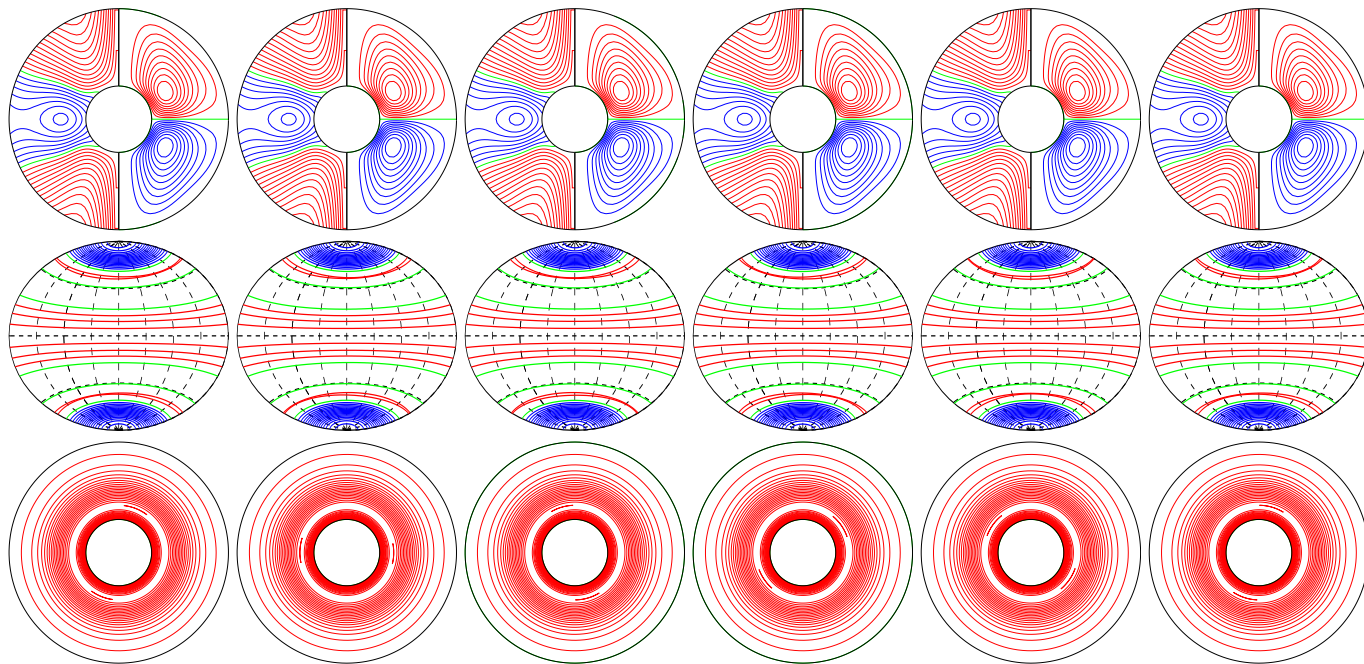


Nusselt Number

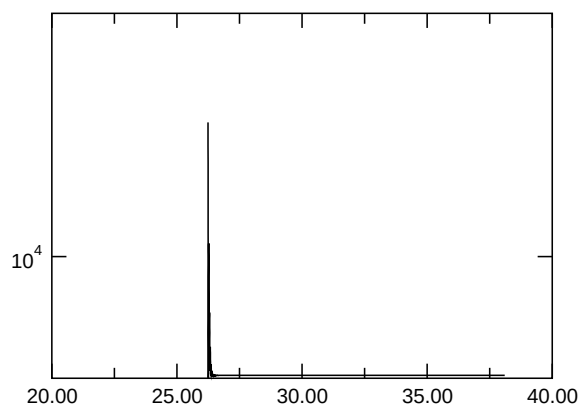


a.e03p1t03r-10000m1n2N0001z1.5e5.8
times: 29.44011 31.04011 32.64011 34.24011 35.84011 37.44011

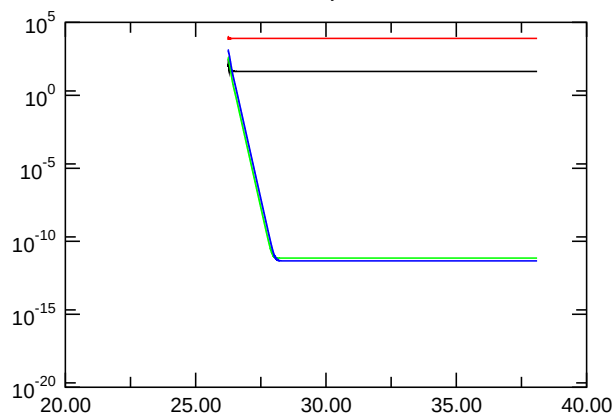
October 30, 2015



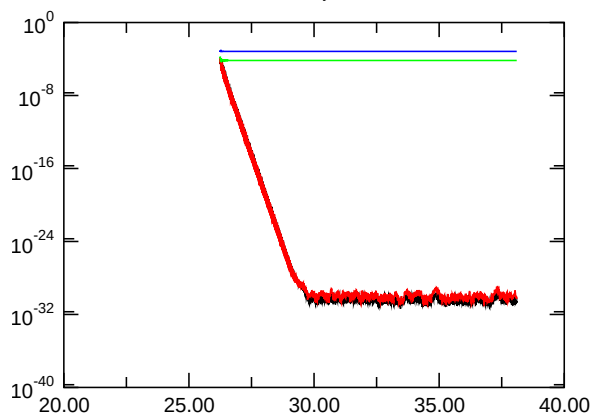
a.e03p1t03r-10000m1n2N0001z1.5e5
 E_{kin}



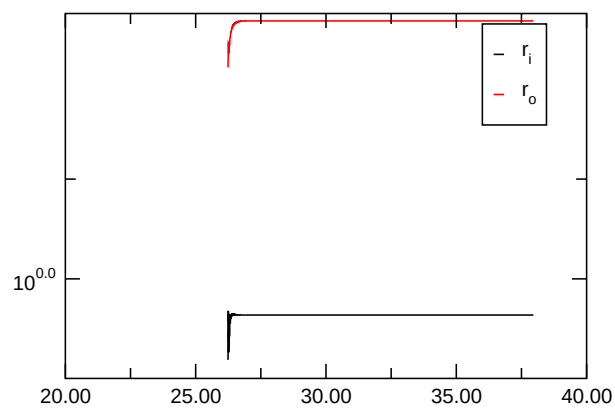
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

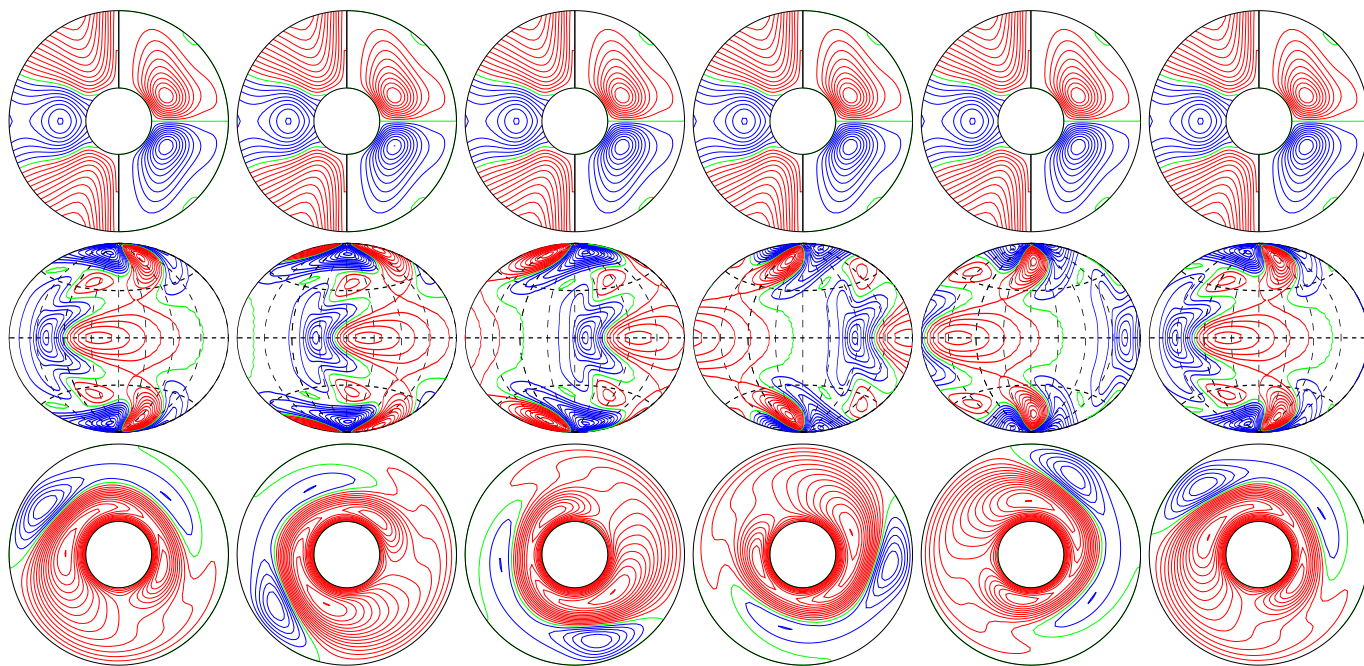


Nusselt Number

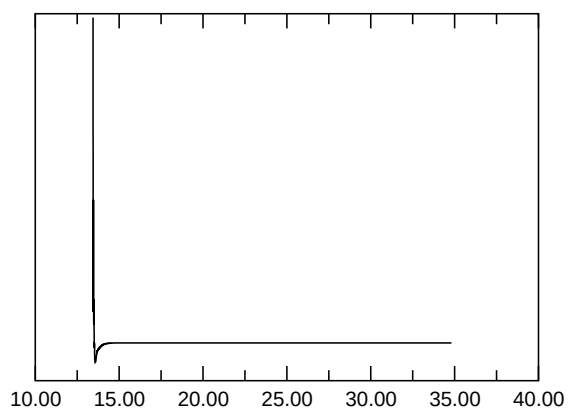


a.e03p1t03r-10000m1n2N0001z1.8e5.14
times: 26.24011 27.84011 29.44011 31.04011 32.64011 34.24011

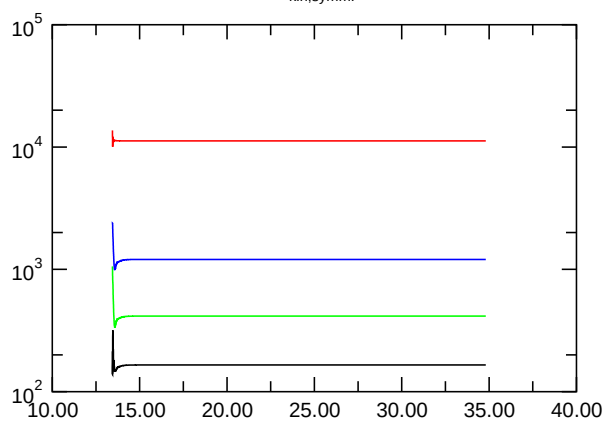
October 30, 2015



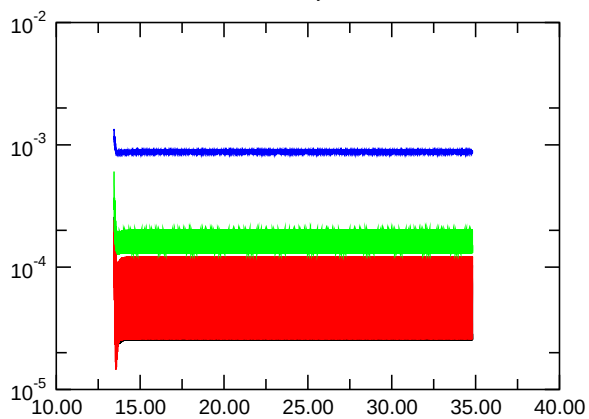
a.e03p1t03r-10000m1n2N0001z1.8e5
 E_{kin}



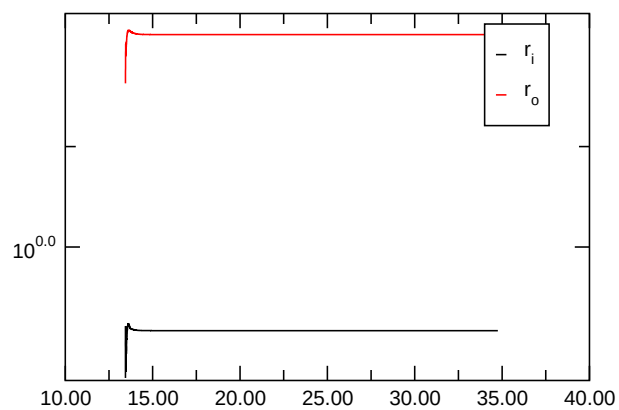
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

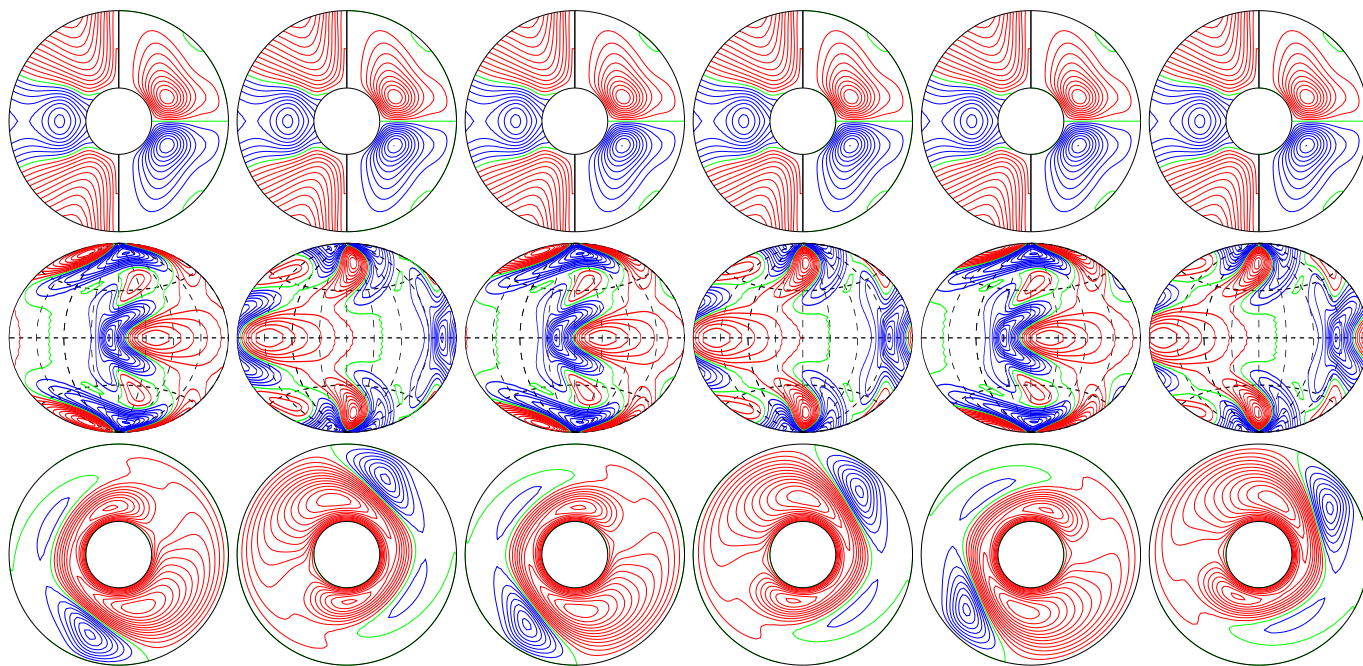


Nusselt Number

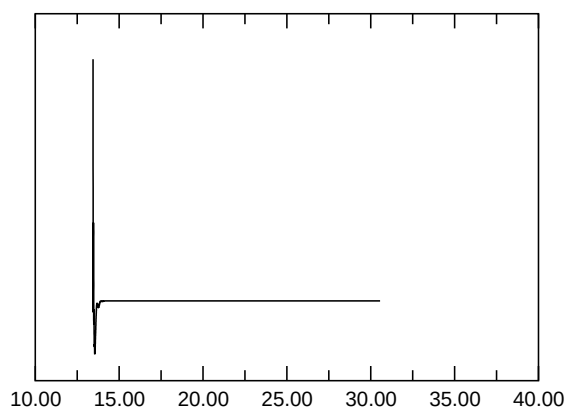


a.e03p1t03r-10000m1n2N0001z1.9e5.14
times: 23.68011 24.96011 26.24011 27.52011 28.80011 30.08011

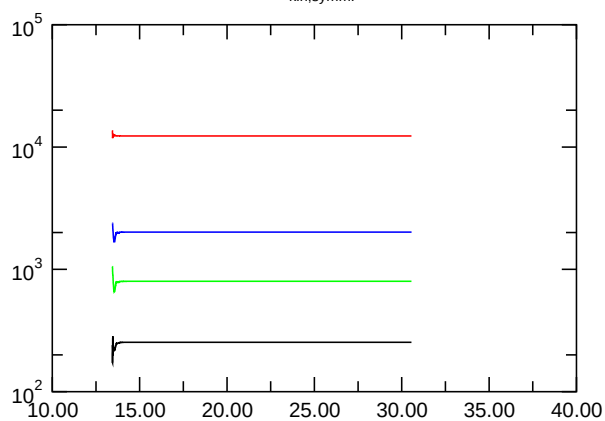
October 30, 2015



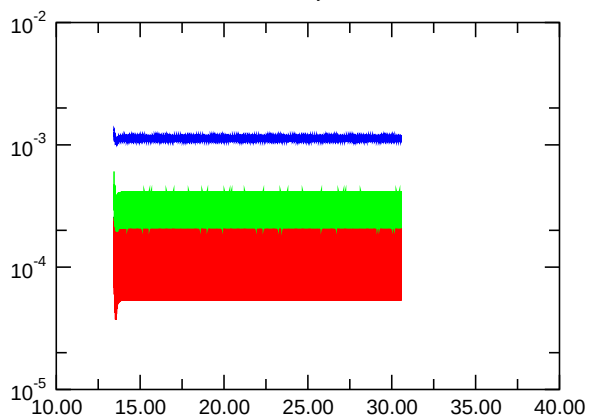
a.e03p1t03r-10000m1n2N0001z1.9e5
 E_{kin}



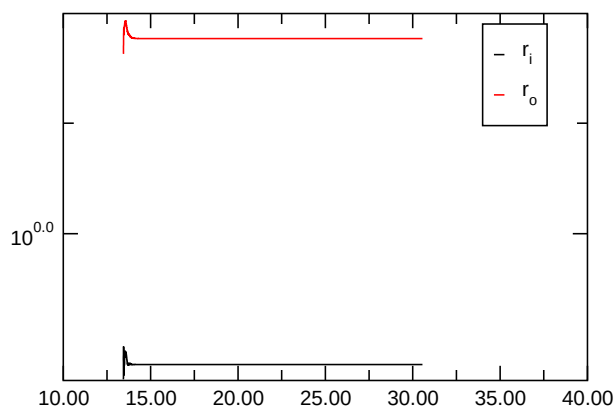
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



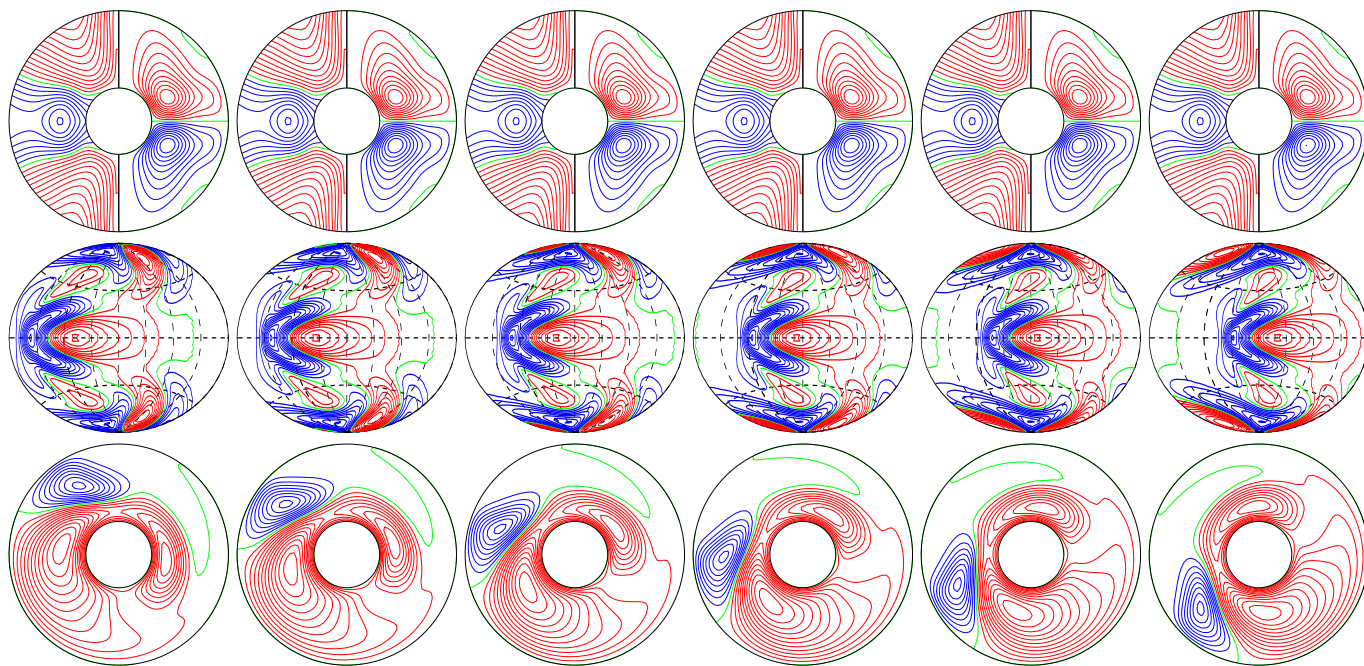
Nusselt Number



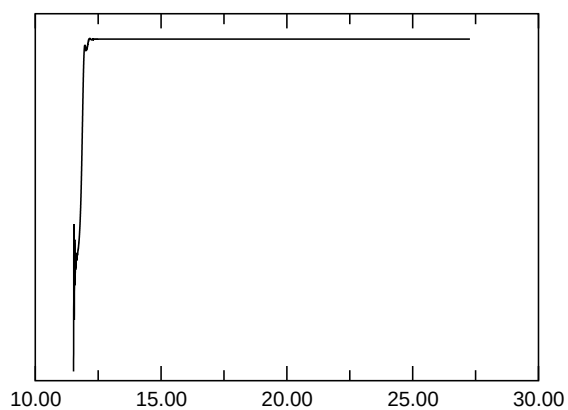
a.e03p1t03r-10000m1n2N0001z2e5.17

times: 22.08011 23.04011 24.00011 24.96011 25.92011 26.88011

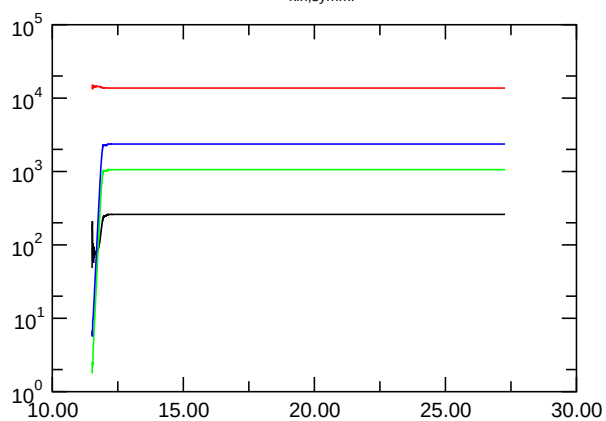
October 30, 2015



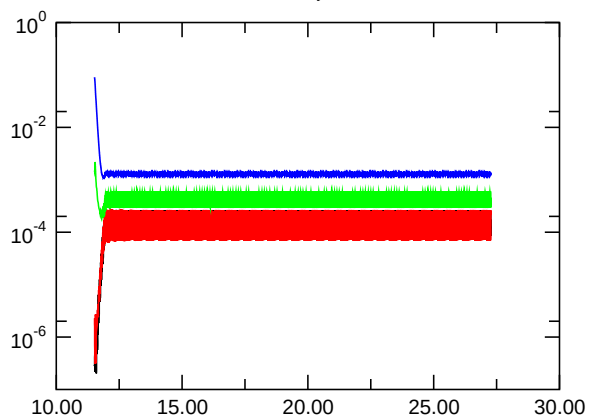
a.e03p1t03r-10000m1n2N0001z2e5
 E_{kin}



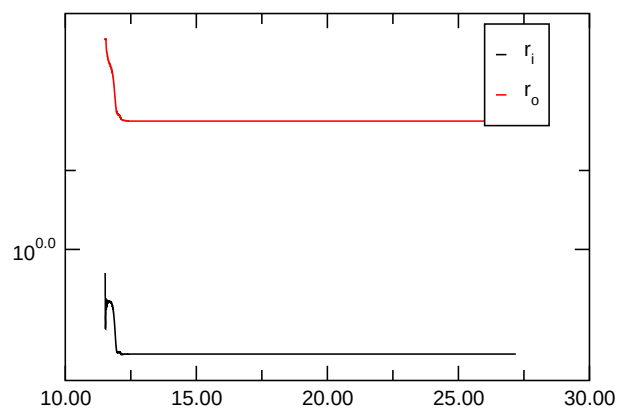
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

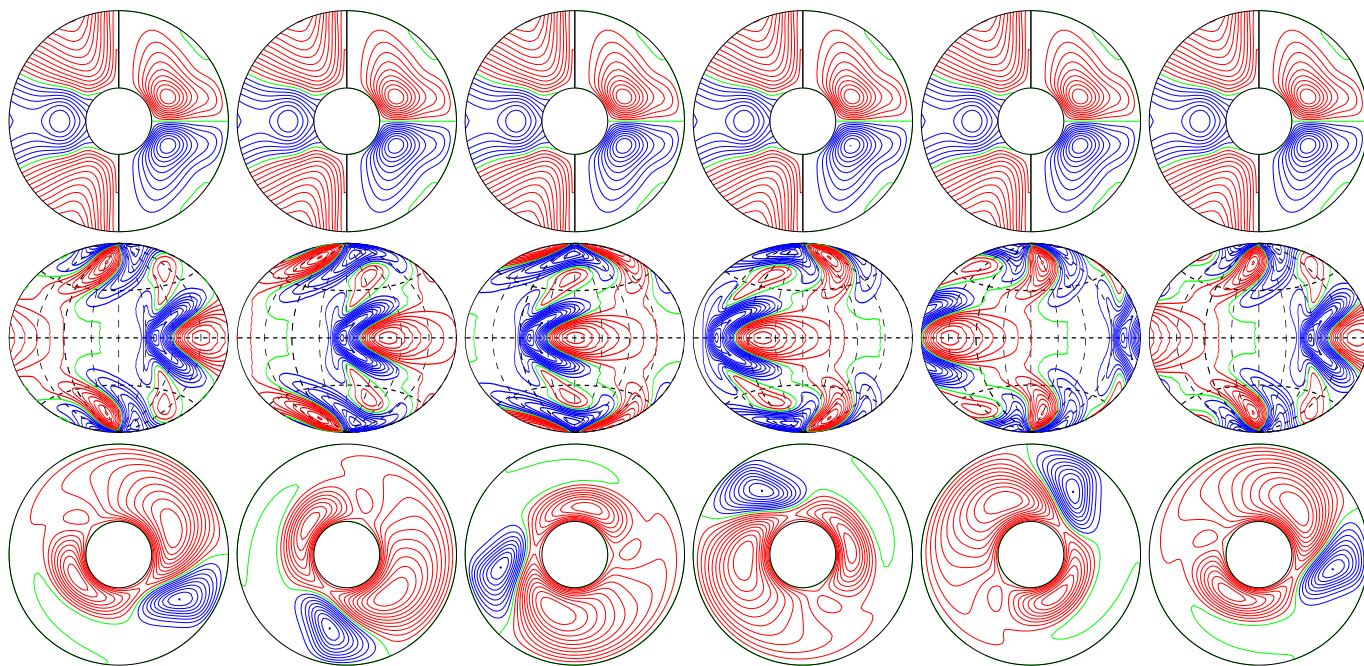


Nusselt Number

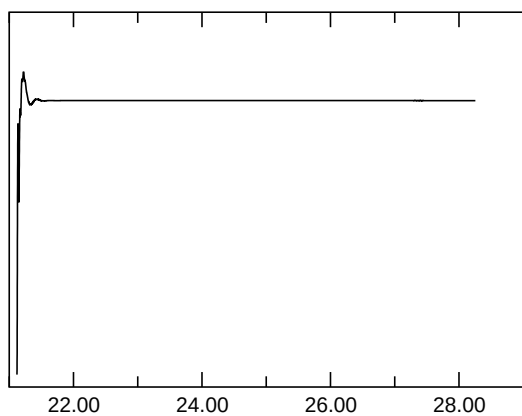


a.e03p1t03r-10000m1n2N0001z2.05e5.8
times: 23.04011 24.00011 24.96011 25.92011 26.88011 27.84011

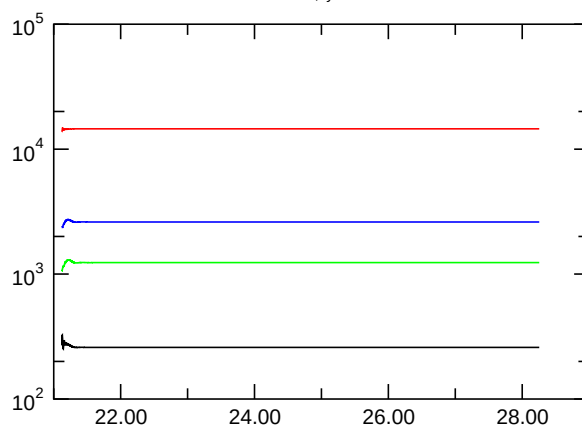
October 30, 2015



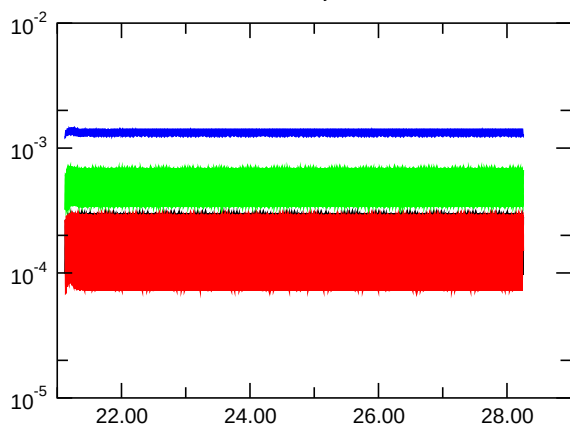
a.e03p1t03r-10000m1n2N0001z2.05e5
 E_{kin}



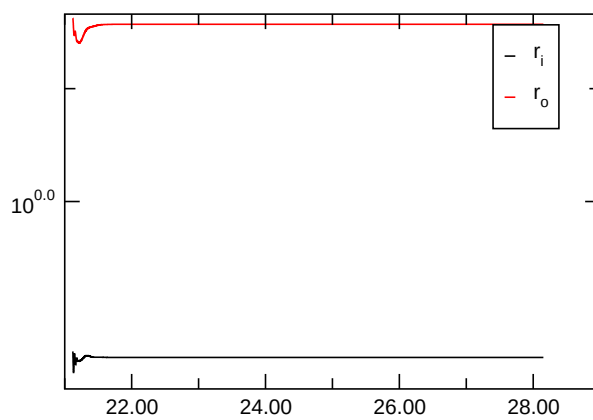
$E_{\text{kin, symm.}}$



$E_{\text{kin, asymm.}}$

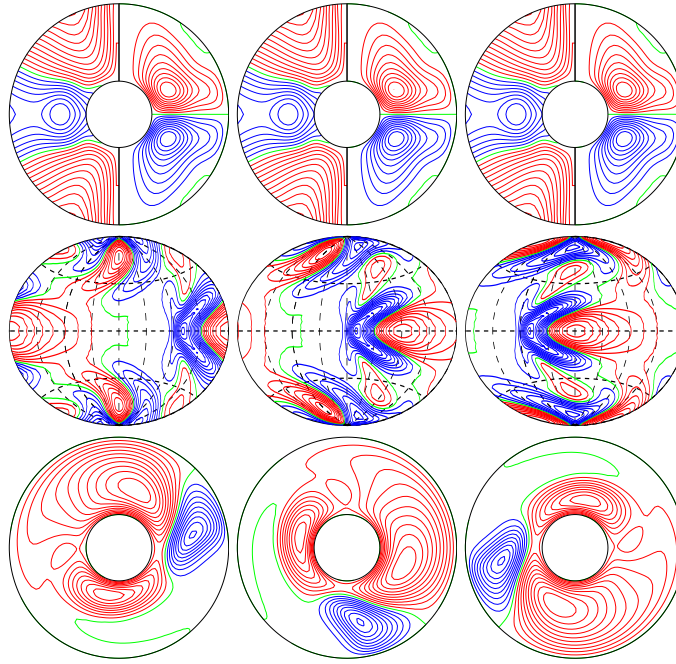


Nusselt Number

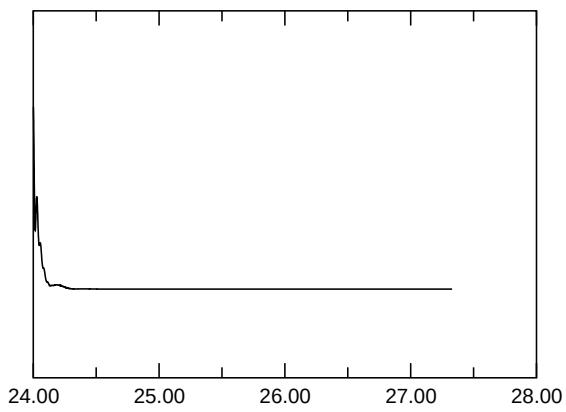


a.e03p1t03r-10000m1n2N0001z2.06e5.4
times: 24.96011 25.92011 26.88011

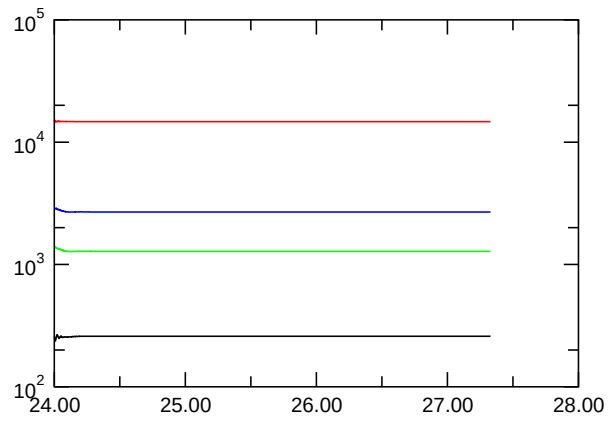
October 30, 2015



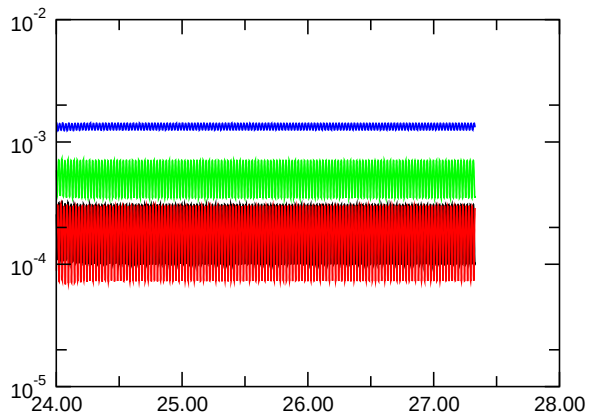
a.e03p1t03r-10000m1n2N0001z2.06e5
 E_{kin}



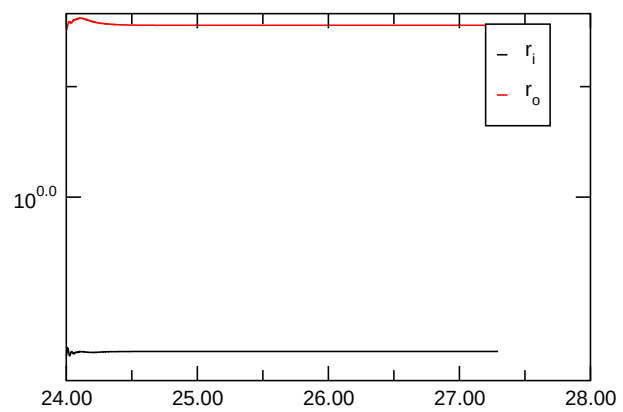
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

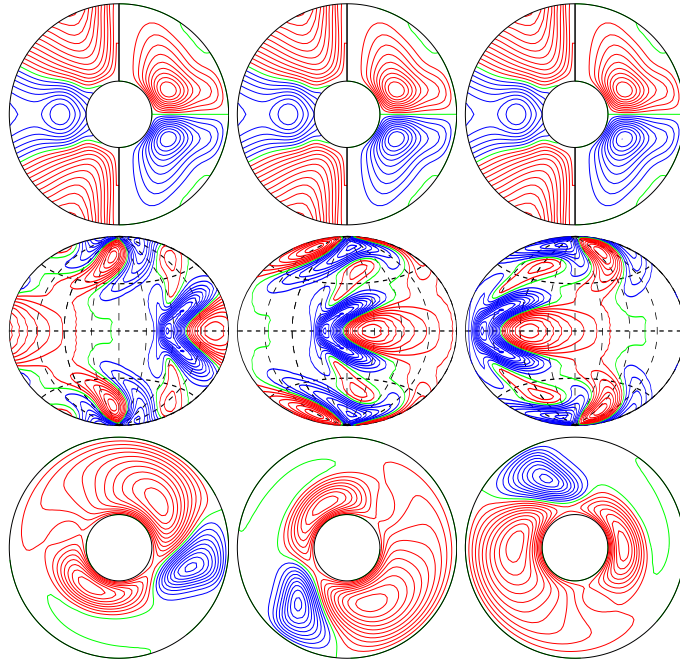


Nusselt Number

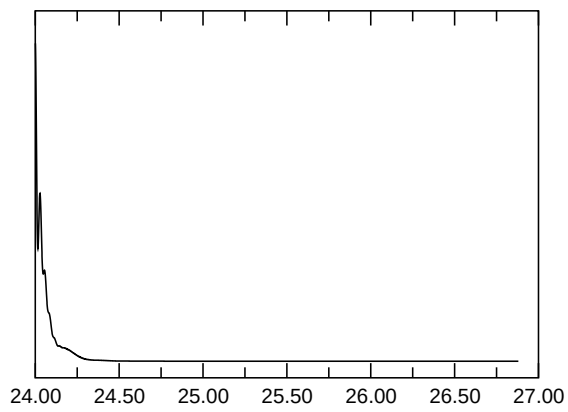


a.e03p1t03r-10000m1n2N0001z2.07e5.4
times: 24.96011 25.92011 26.88011

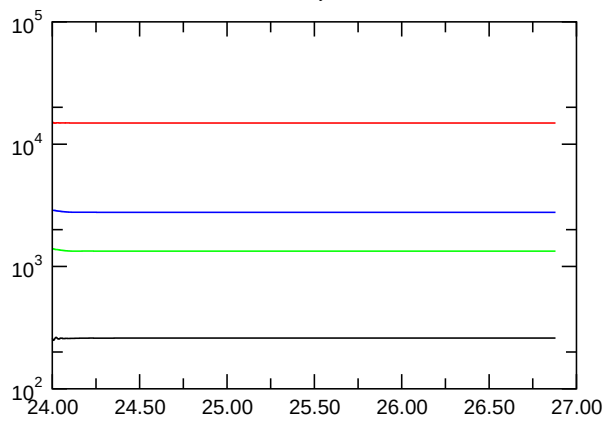
October 30, 2015



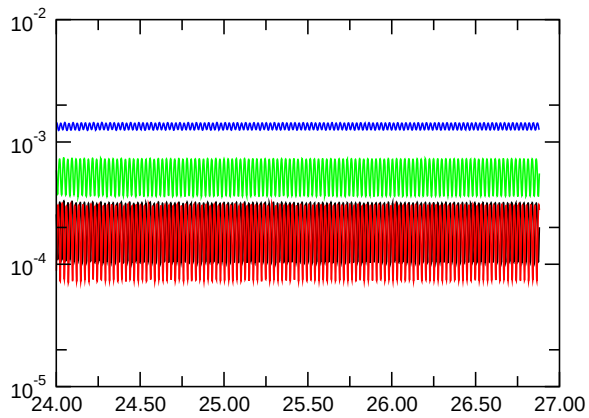
a.e03p1t03r-10000m1n2N0001z2.07e5
 E_{kin}



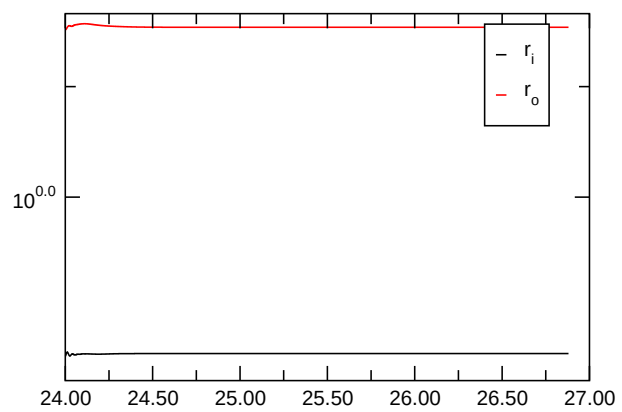
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

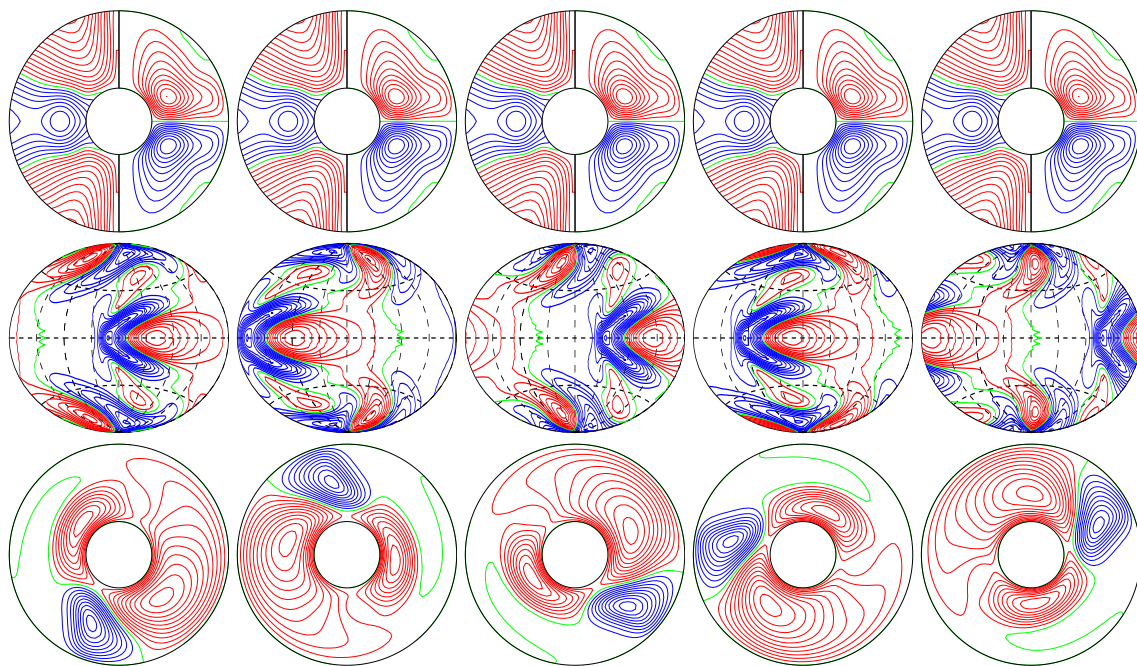


Nusselt Number

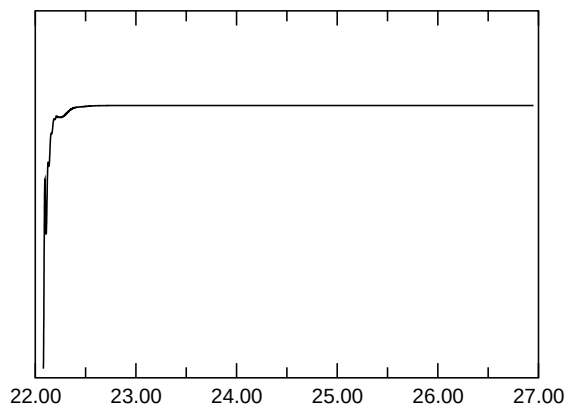


a.e03p1t03r-10000m1n2N0001z2.08e5.6
times: 23.04011 24.00011 24.96011 25.92011 26.88011

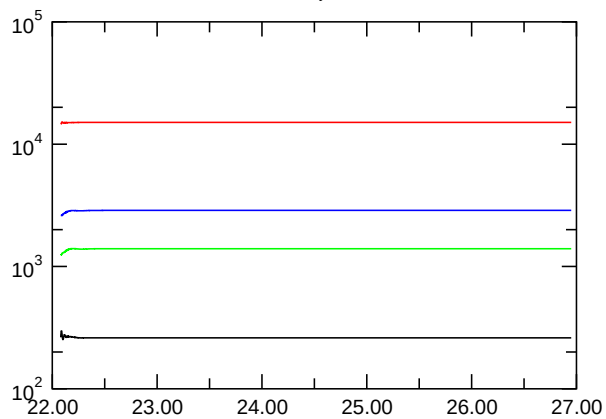
October 30, 2015



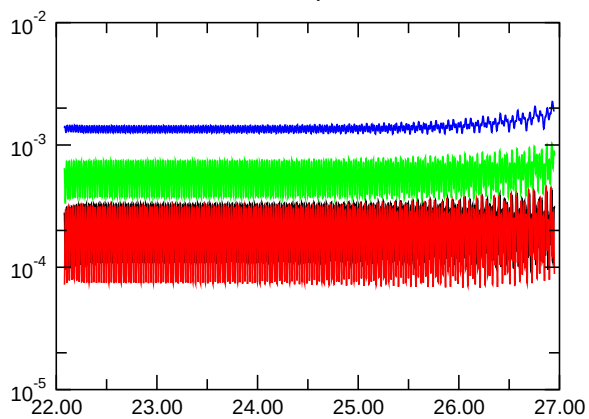
a.e03p1t03r-10000m1n2N0001z2.08e5
 E_{kin}



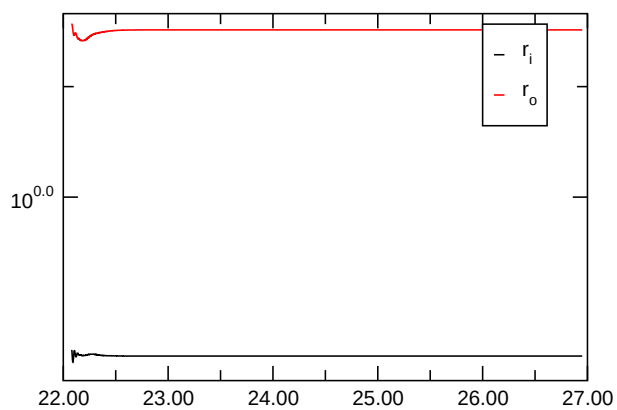
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



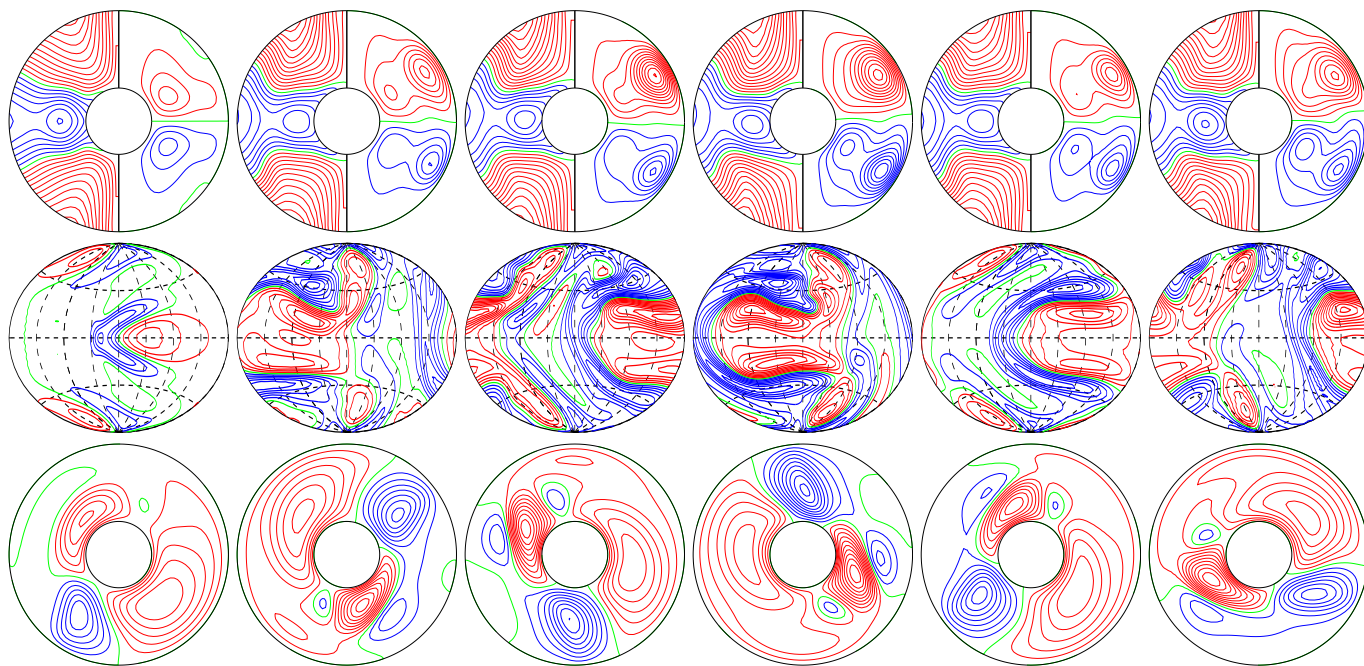
Nusselt Number



a.e03p1t03r-10000m1n2N0001z2.1e5.7

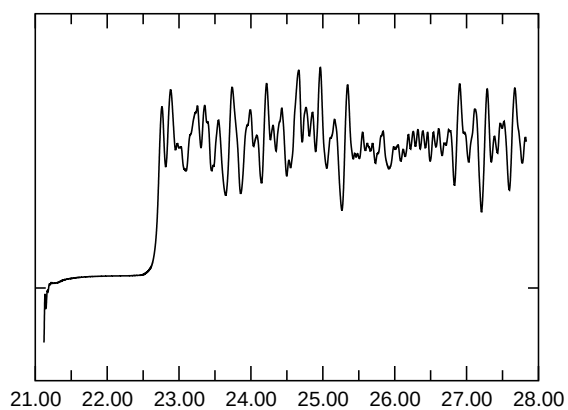
times: 22.08011 23.04011 24.00011 24.96011 25.92011 26.88011

October 30, 2015

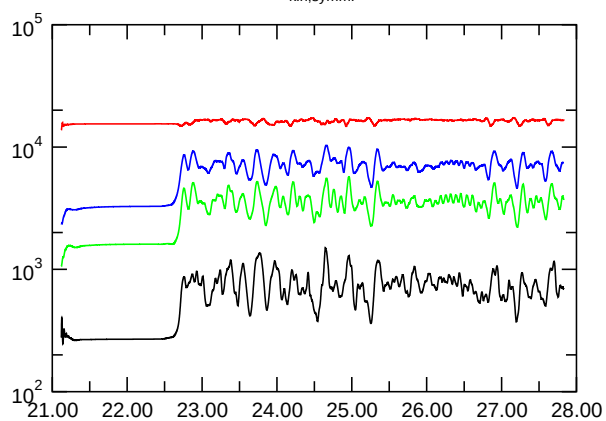


a.e03p1t03r-10000m1n2N0001z2.1e5

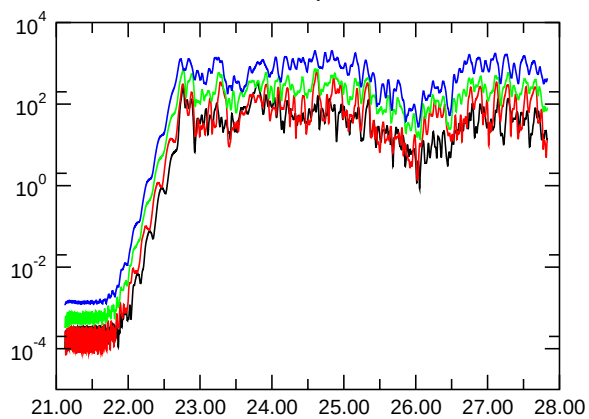
E_{kin}



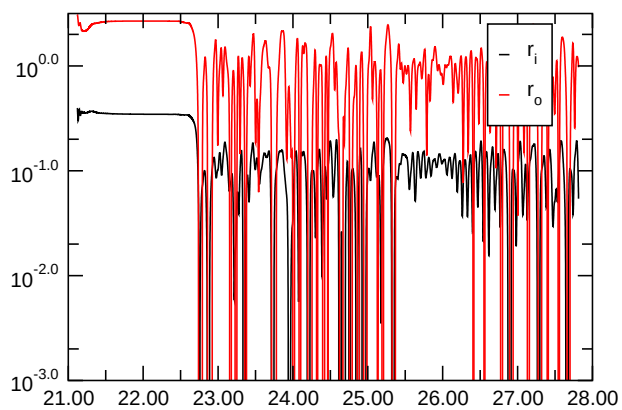
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

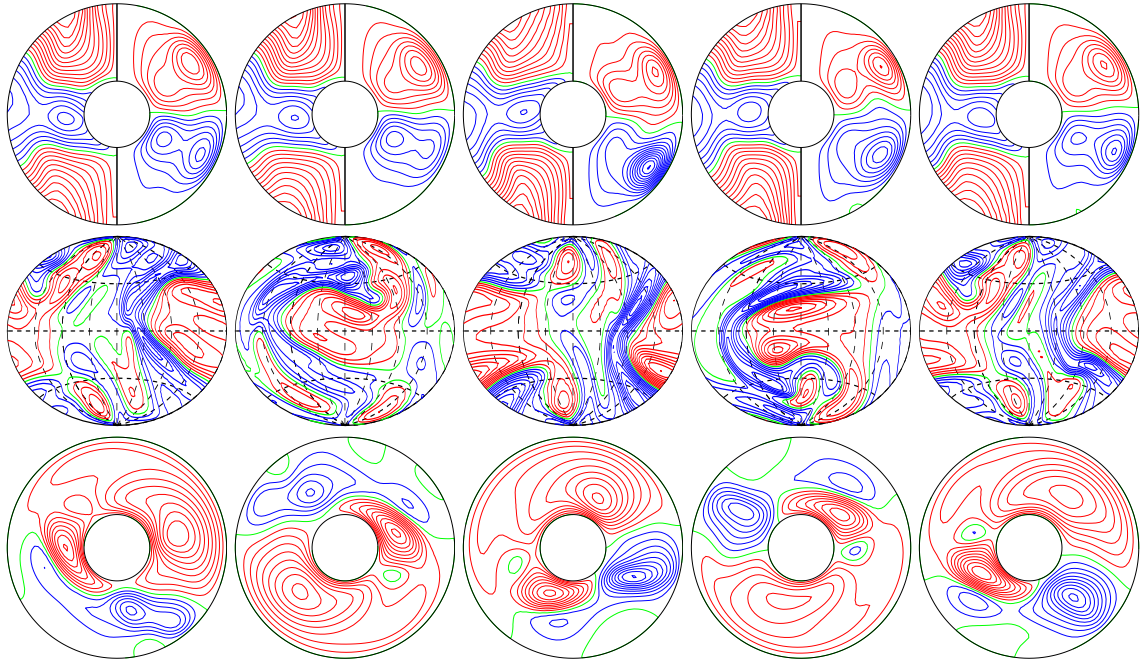


Nusselt Number

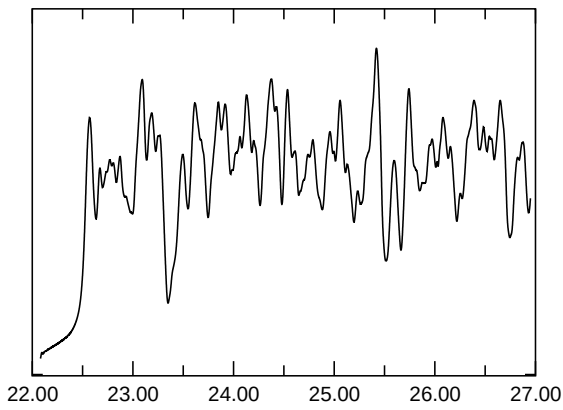


a.e03p1t03r-10000m1n2N0001z2.11e5.6
times: 23.04011 24.00011 24.96011 25.92011 26.88011

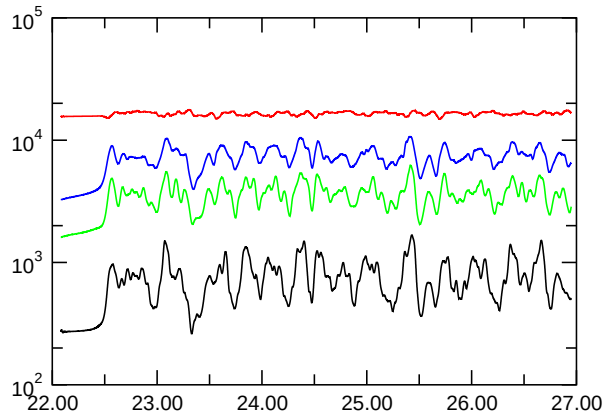
October 30, 2015



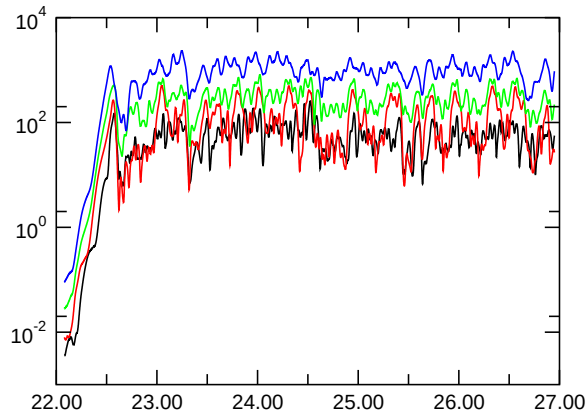
a.e03p1t03r-10000m1n2N0001z2.11e5
 E_{kin}



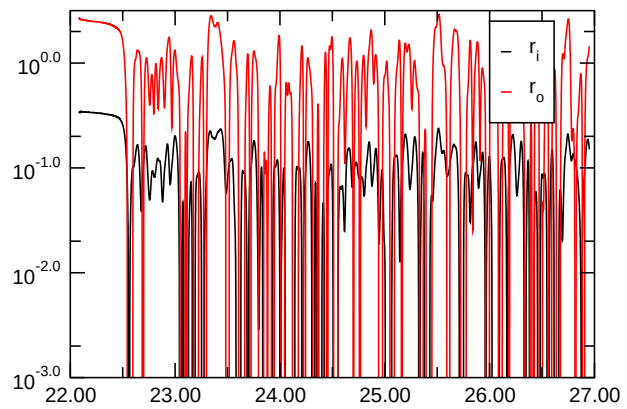
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

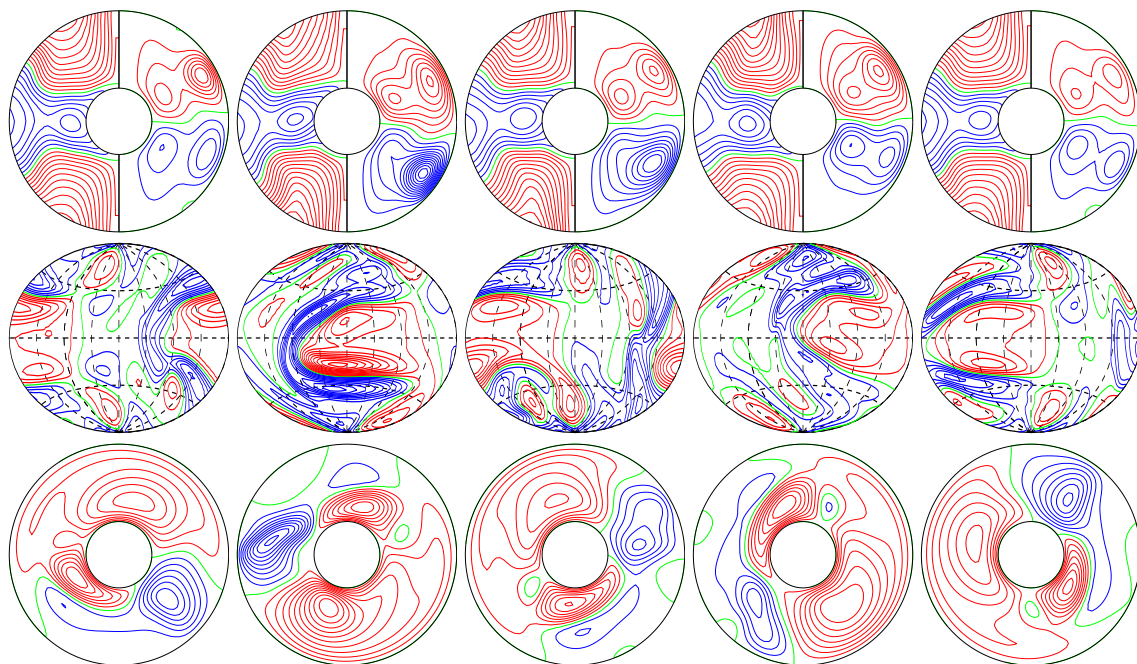


Nusselt Number



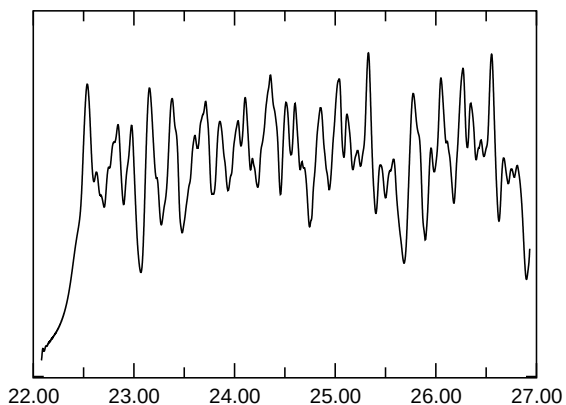
a.e03p1t03r-10000m1n2N0001z2.12e5.6
times: 23.04011 24.00011 24.96011 25.92011 26.88011

October 30, 2015

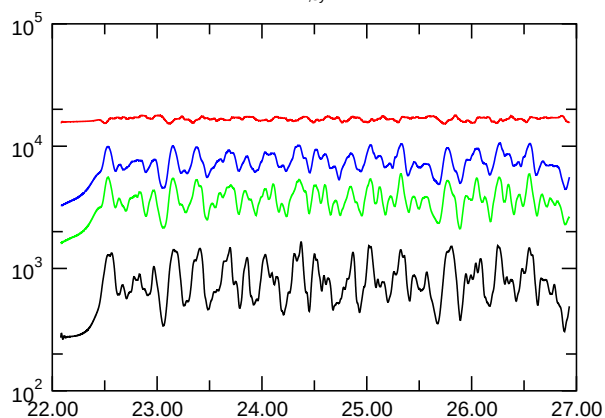


a.e03p1t03r-10000m1n2N0001z2.12e5

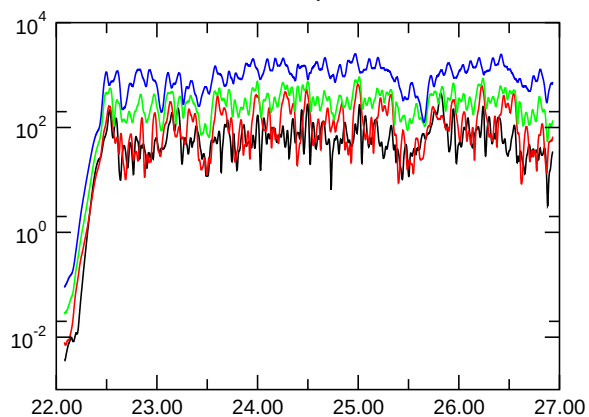
E_{kin}



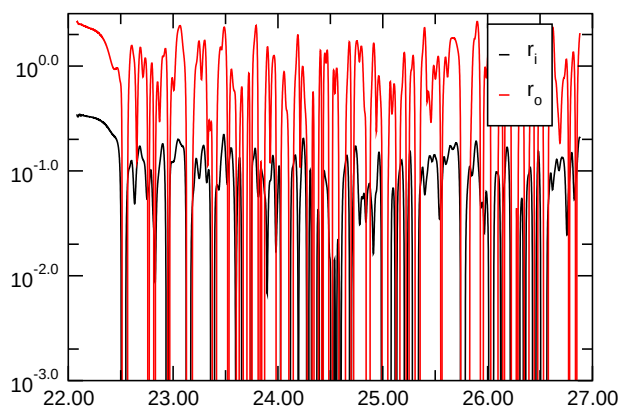
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



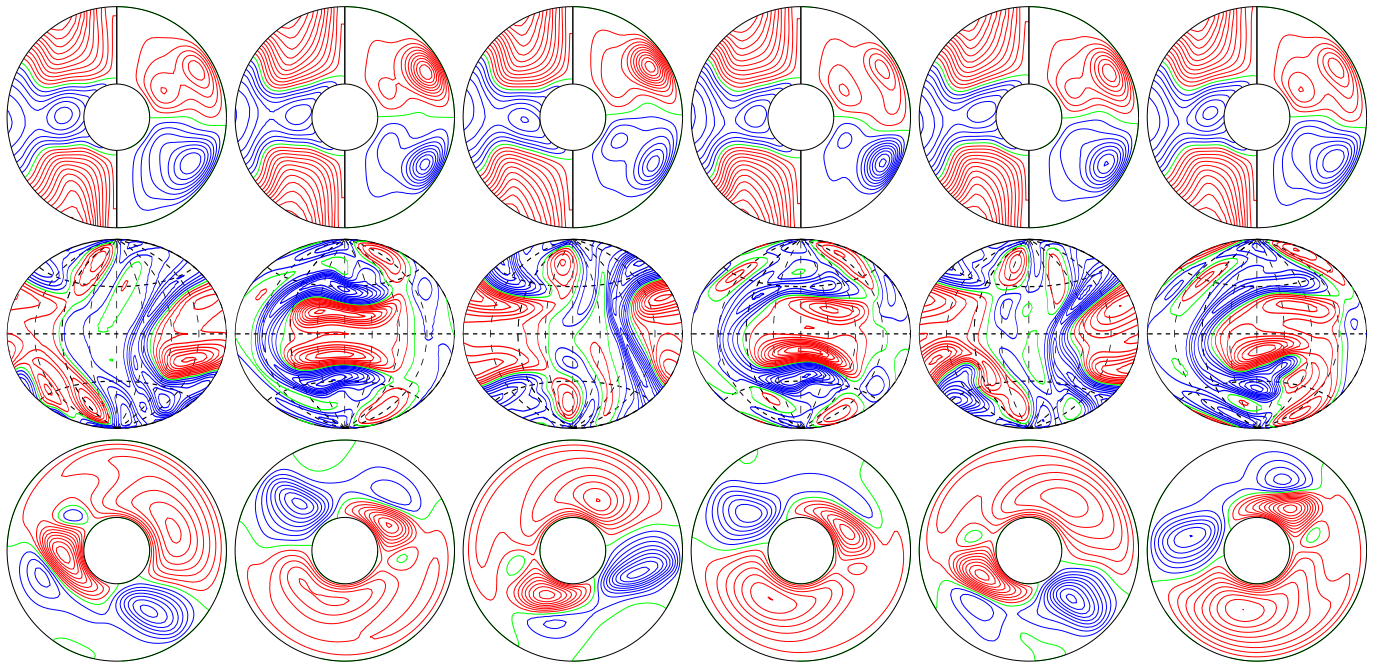
Nusselt Number



a.e03p1t03r-10000m1n2N0001z2.15e5.8

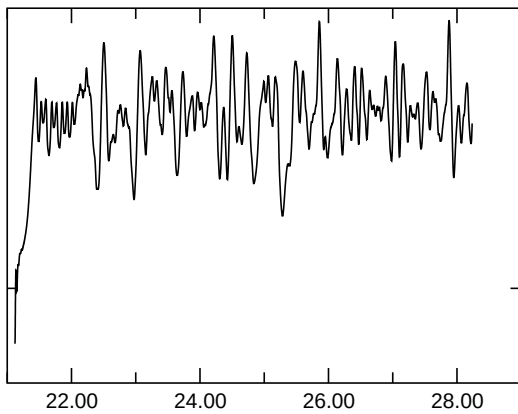
times: 23.04011 24.00011 24.96011 25.92011 26.88011 27.84011

October 30, 2015

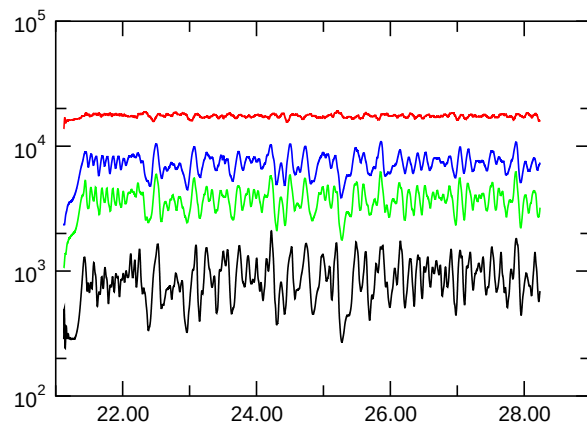


a.e03p1t03r-10000m1n2N0001z2.15e5

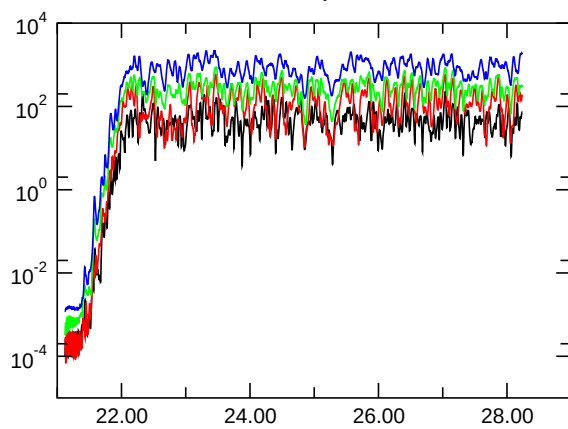
E_{kin}



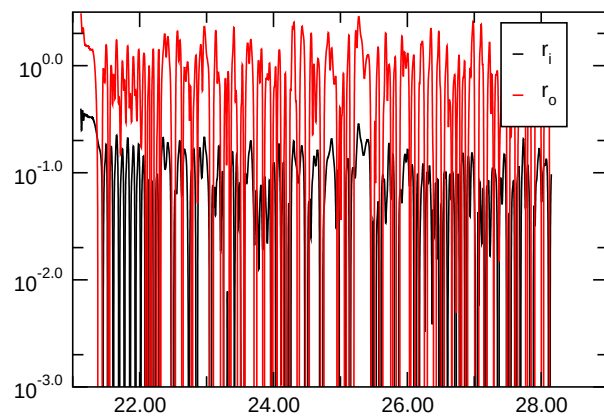
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



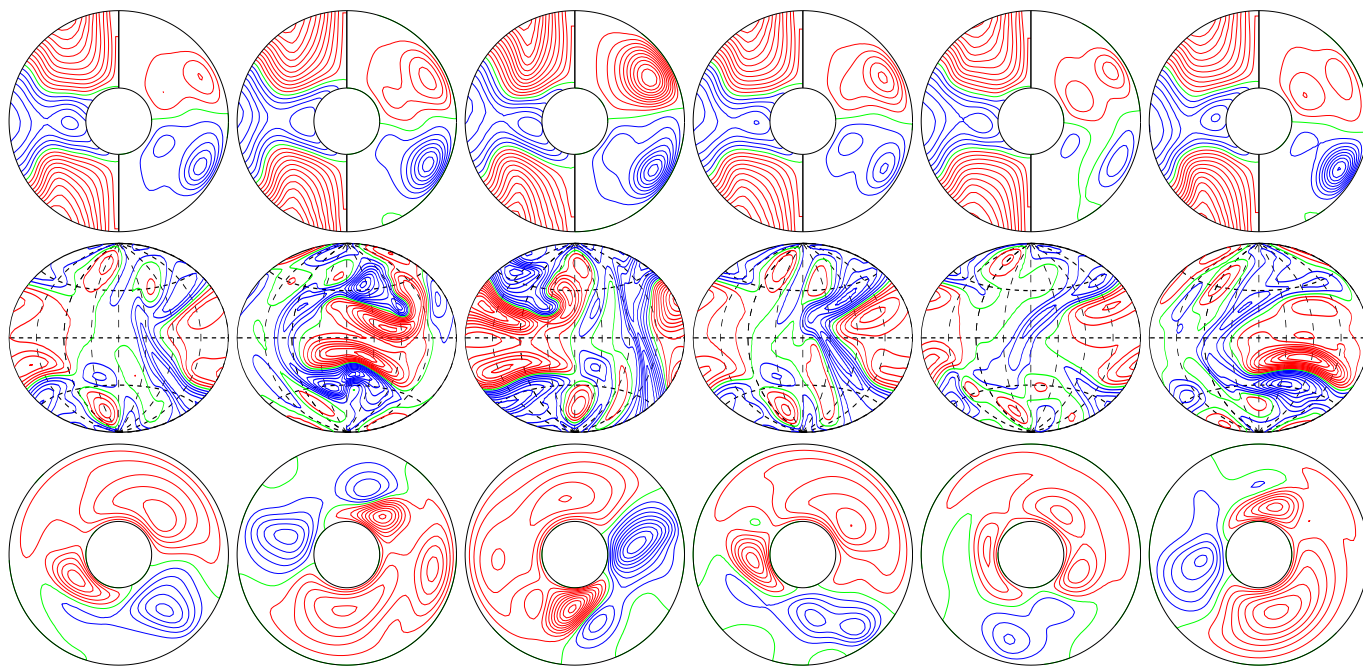
Nusselt Number



a.e03p1t03r-10000m1n2N0001z2.2e5.8

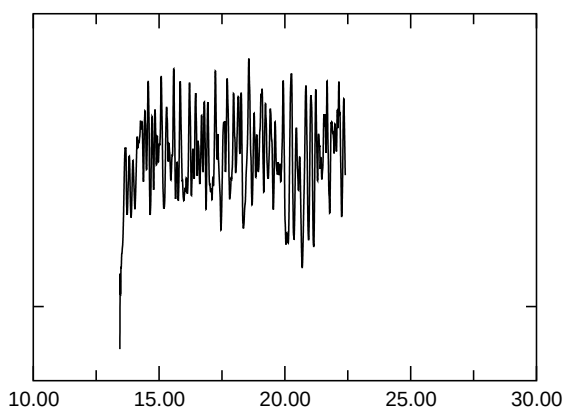
times: 16.00011 17.28011 18.56011 19.84011 21.12011 22.40011

October 30, 2015

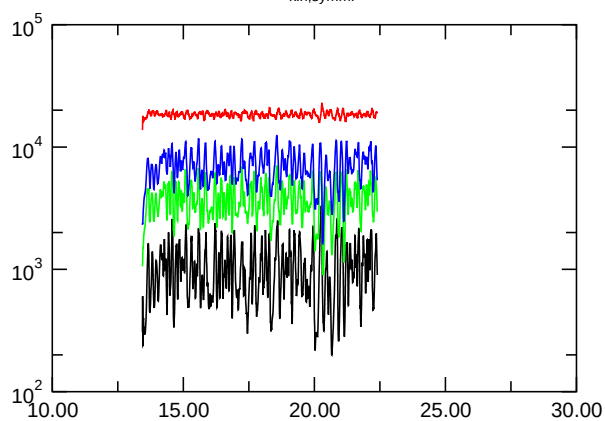


a.e03p1t03r-10000m1n2N0001z2.2e5

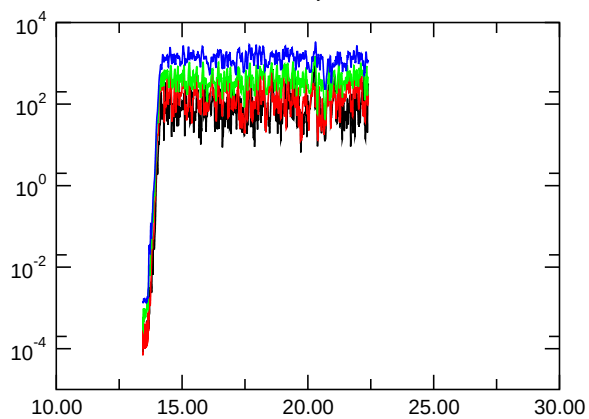
E_{kin}



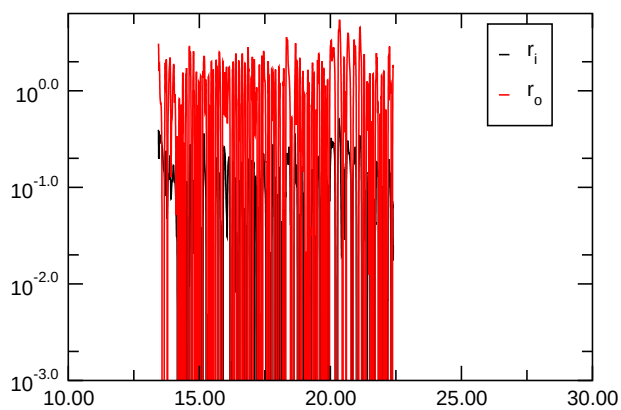
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



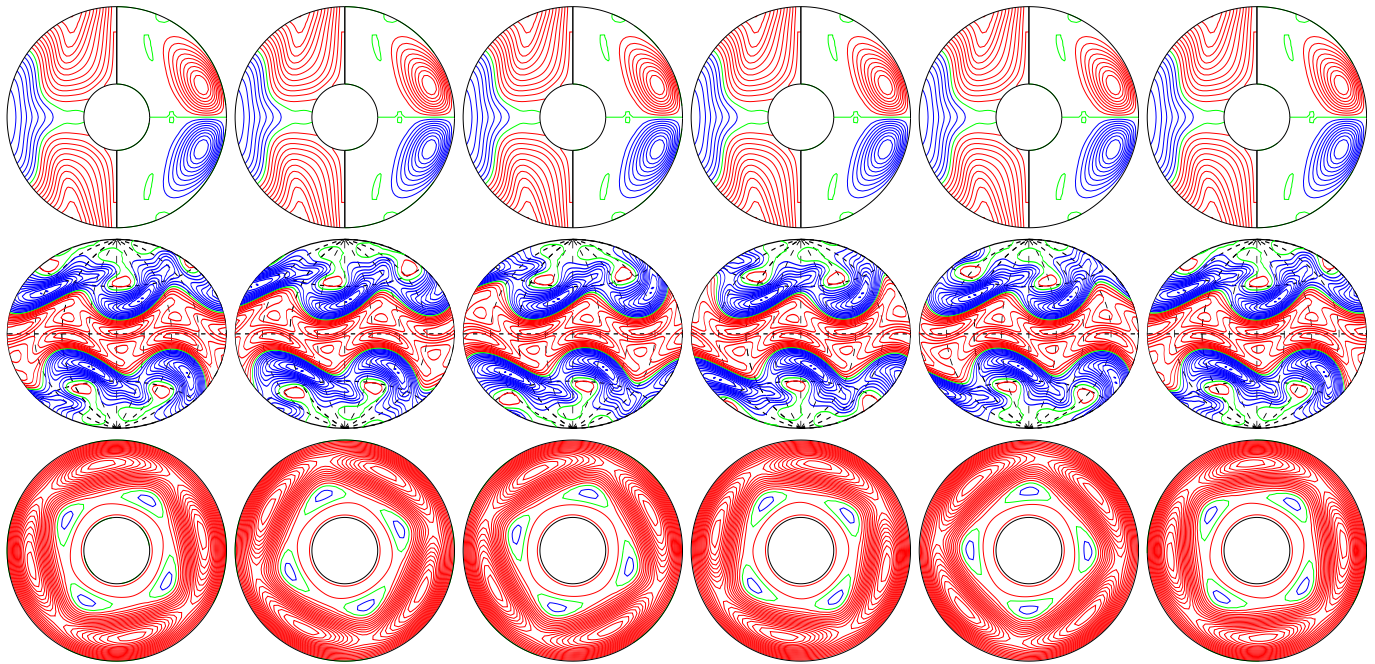
Nusselt Number



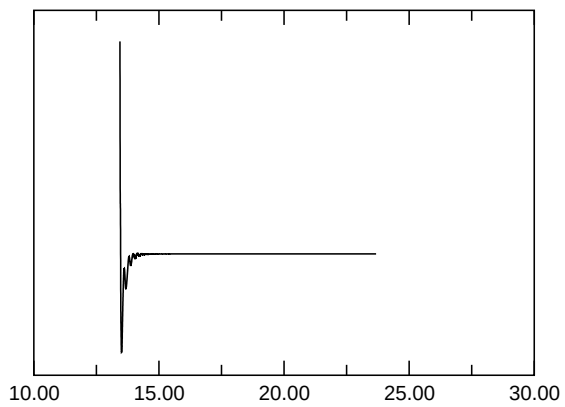
a.e03p1t03r-10000m1n2N0001z2.3e5.9

times: 17.28011 18.56011 19.84011 21.12011 22.40011 23.68011

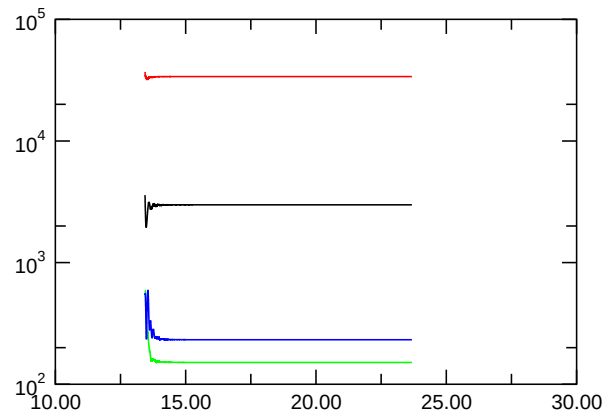
October 30, 2015



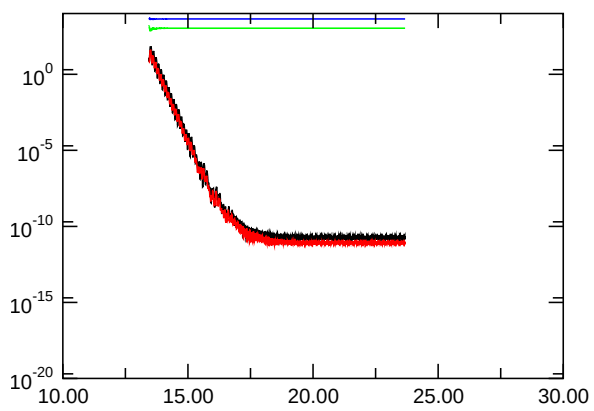
a.e03p1t03r-10000m1n2N0001z2.3e5
 E_{kin}



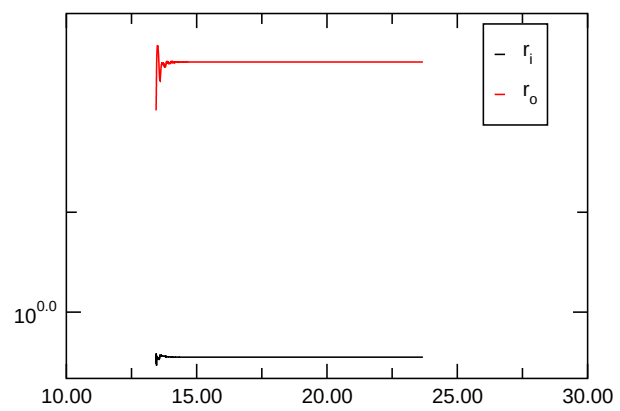
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



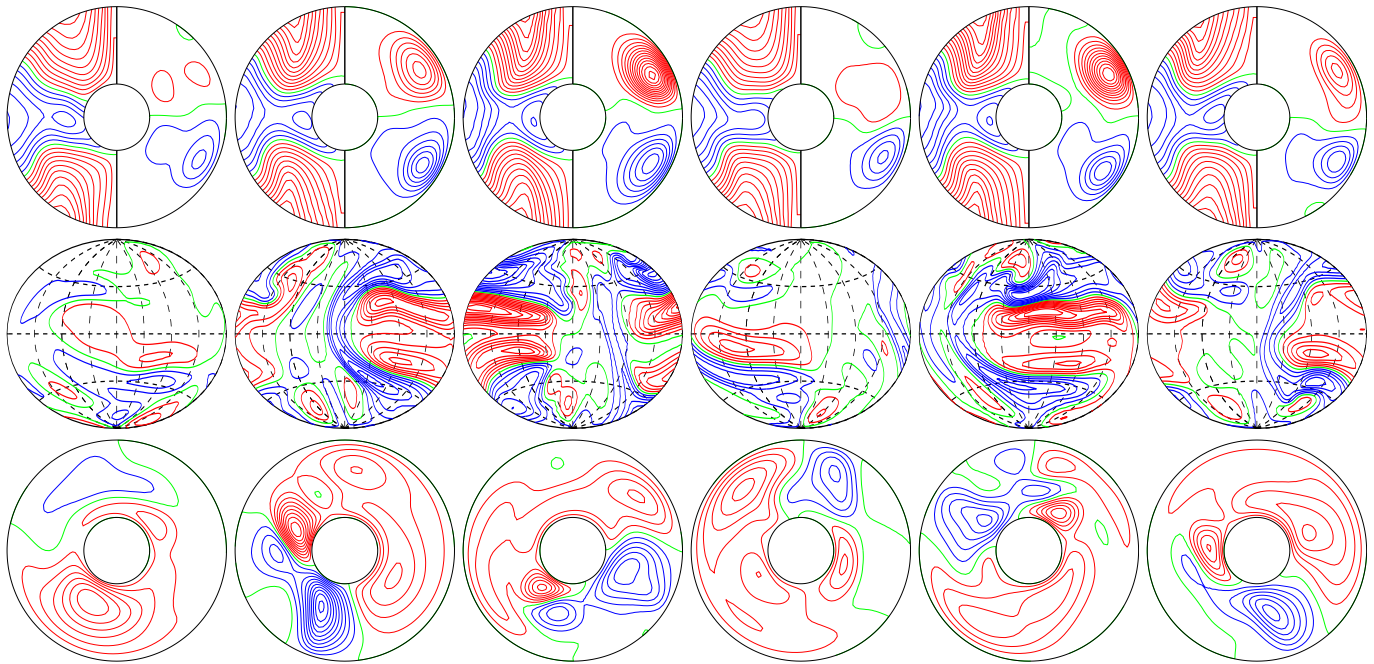
Nusselt Number



a.e03p1t03r-10000m1n2N0001z2.3e5a.8

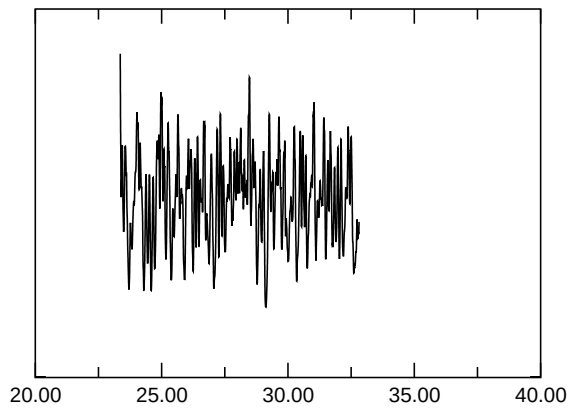
times: 25.92011 27.20011 28.48011 29.76011 31.04011 32.32011

October 30, 2015

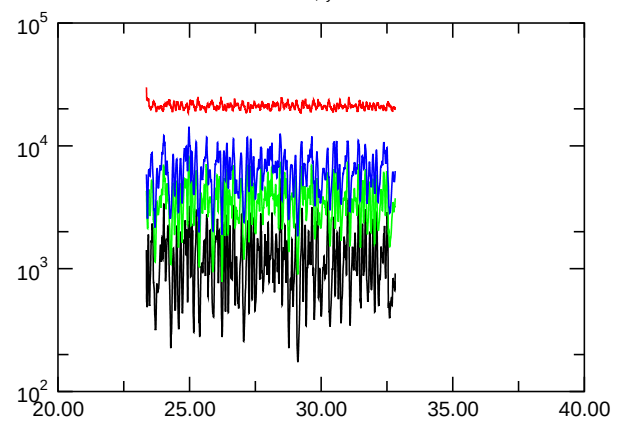


a.e03p1t03r-10000m1n2N0001z2.3e5a

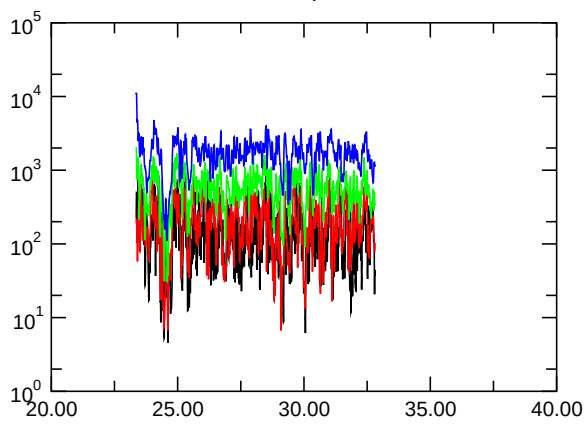
E_{kin}



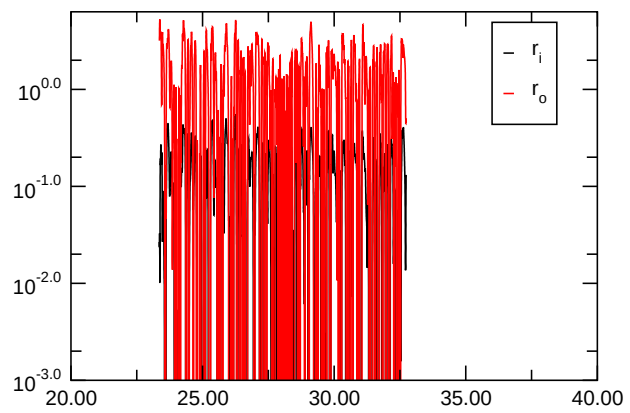
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$

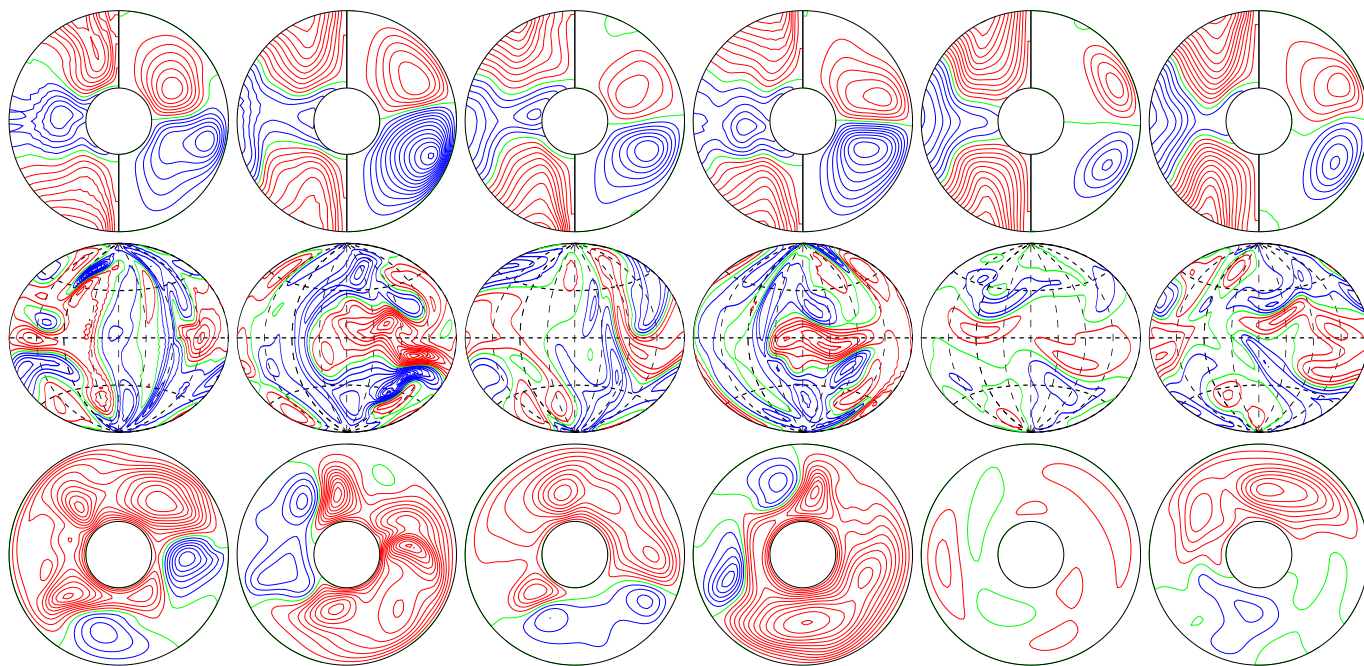


Nusselt Number



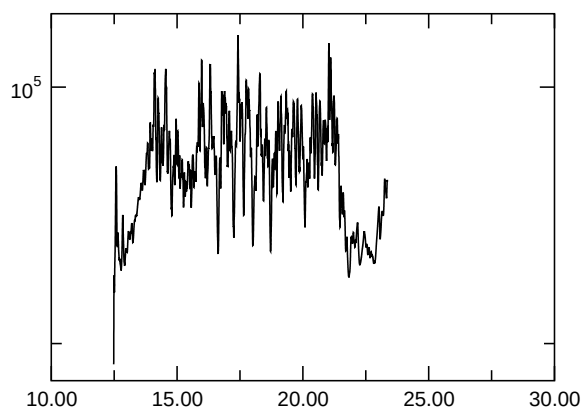
a.e03p1t03r-10000m1n2N0001z2.5e5.10
times: 16.96011 18.24011 19.52011 20.80011 22.08011 23.36011

October 30, 2015

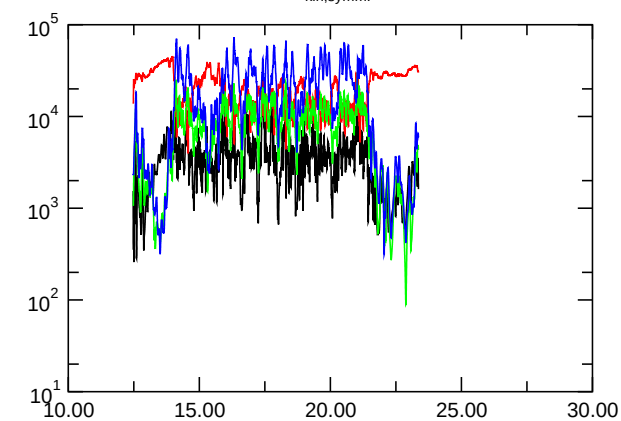


a.e03p1t03r-10000m1n2N0001z2.5e5

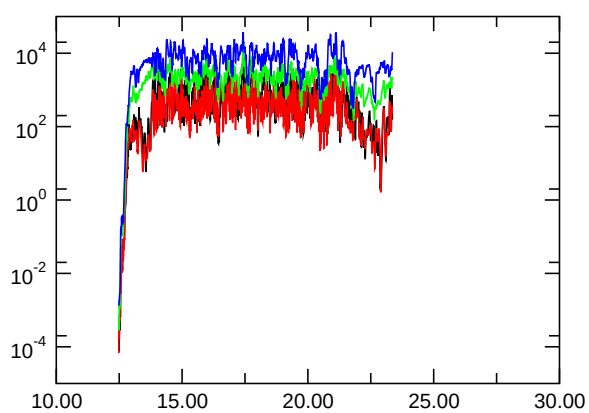
E_{kin}



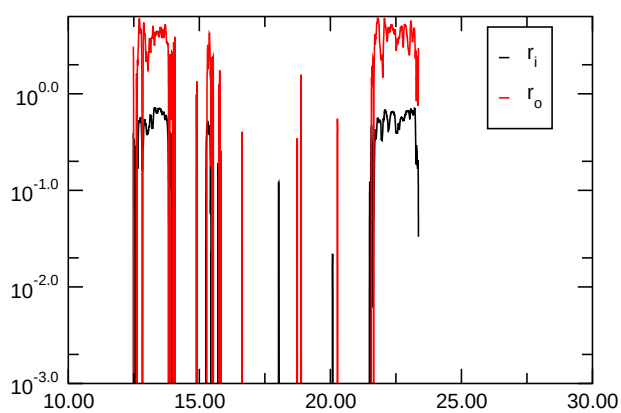
$E_{\text{kin,symm.}}$



$E_{\text{kin,asymm.}}$



Nusselt Number



a.e03p1t03r-100000m1p2n2N0001z3.5e5.4
times: 3.880005 4.380005

October 30, 2015

