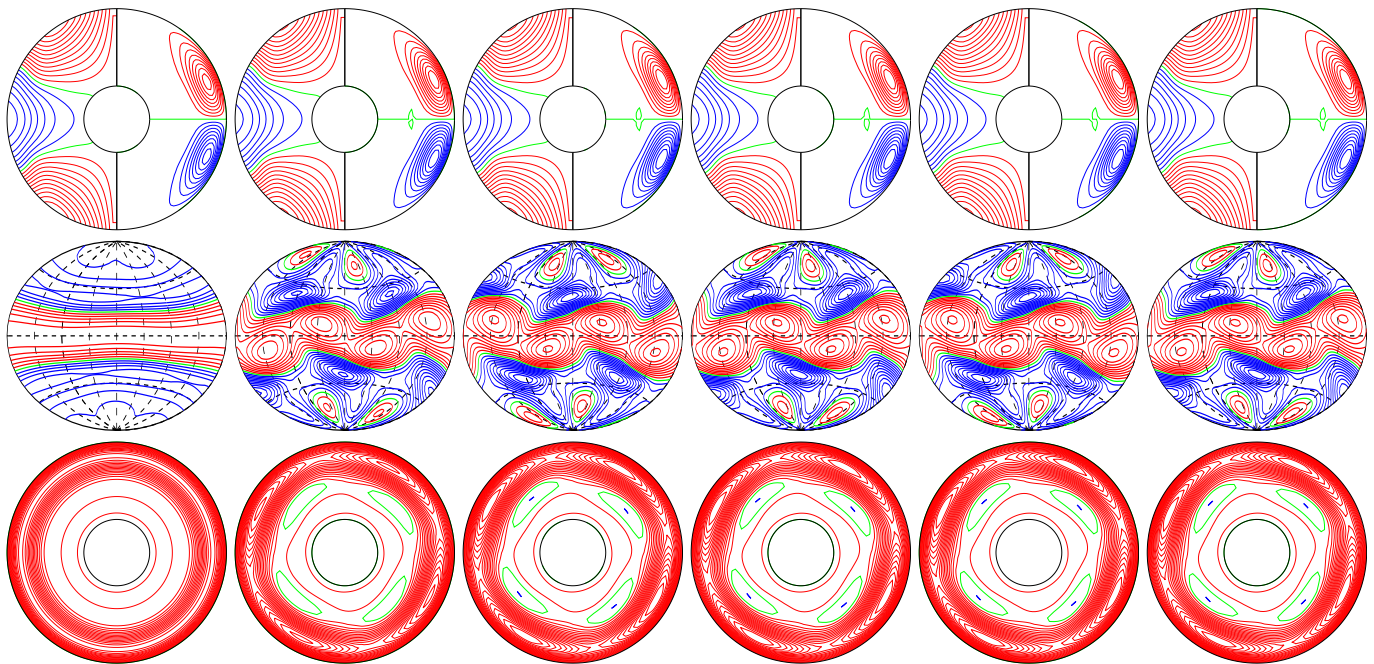


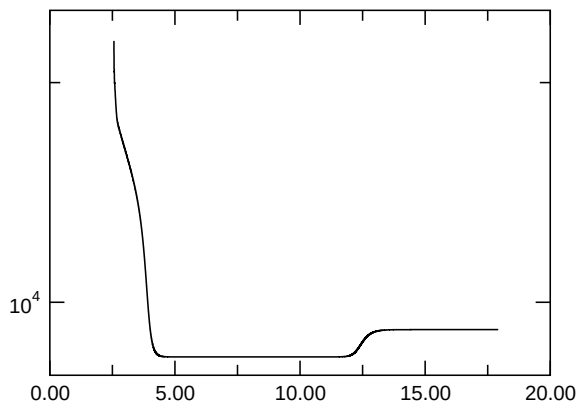
a.e03p1t03r-50000m1n2N2z1.1e5a.13

times: 11.52001 12.80001 14.08001 15.36001 16.64001 17.92001

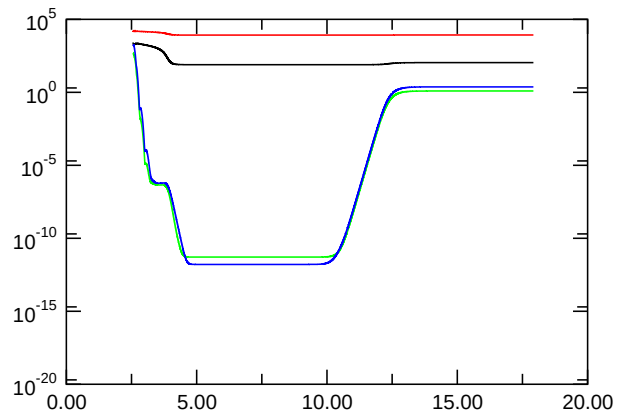
December 1, 2015



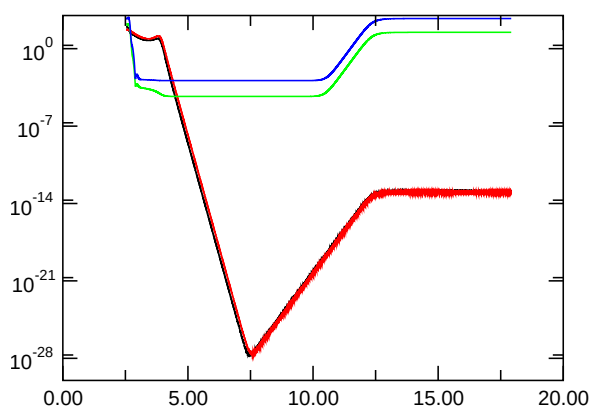
a.e03p1t03r-50000m1n2N2z1.1e5a
 E_{kin}



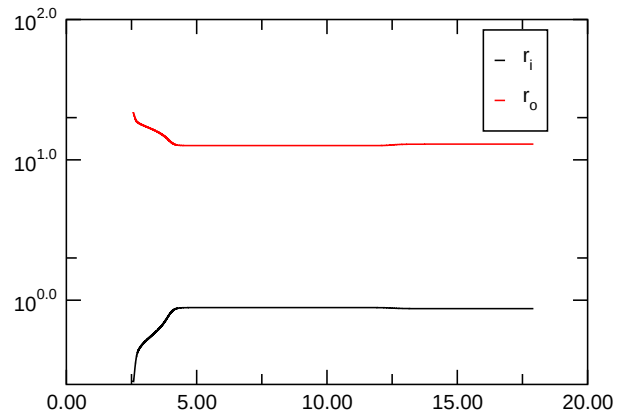
$E_{\text{kin,symm.}}$



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

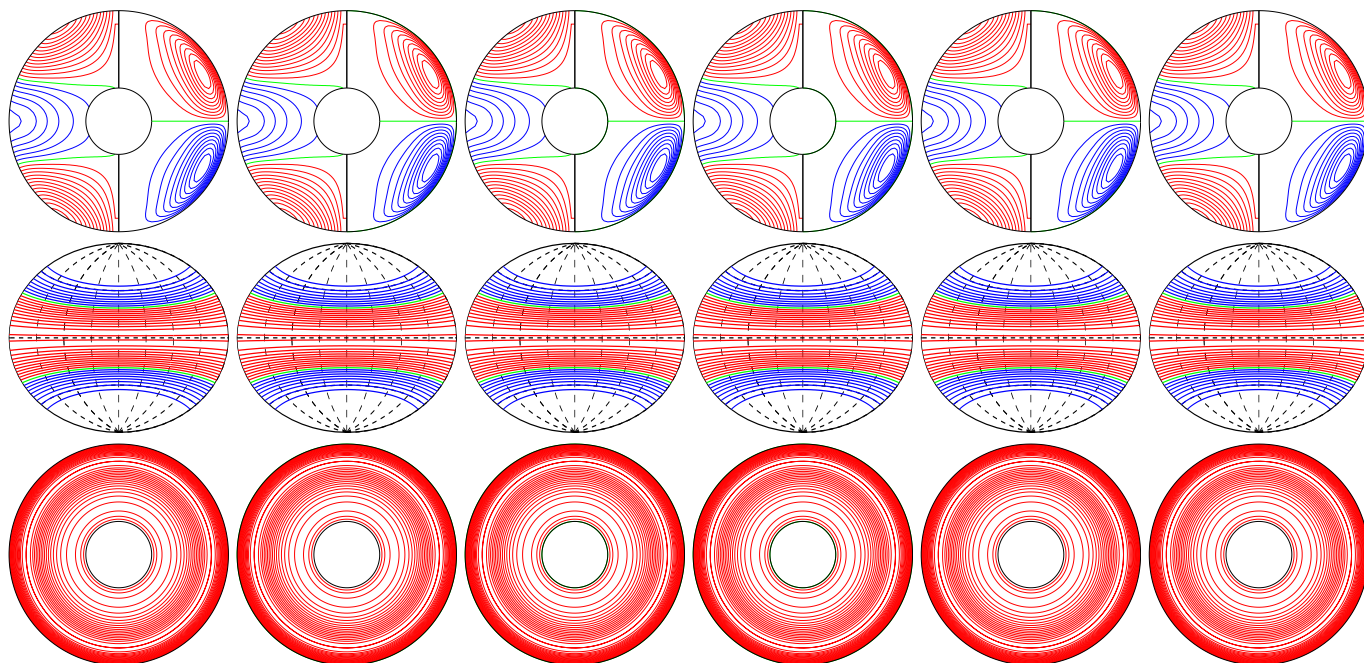


Nusselt Number



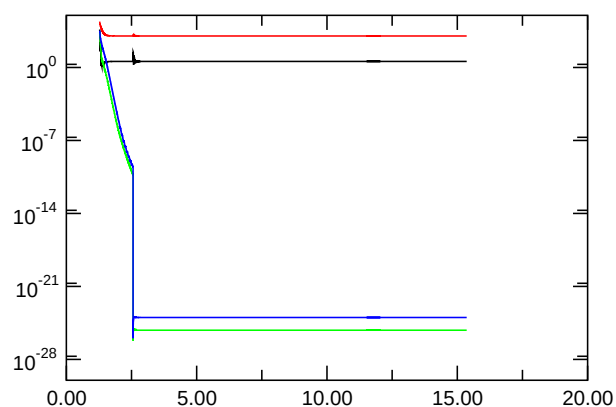
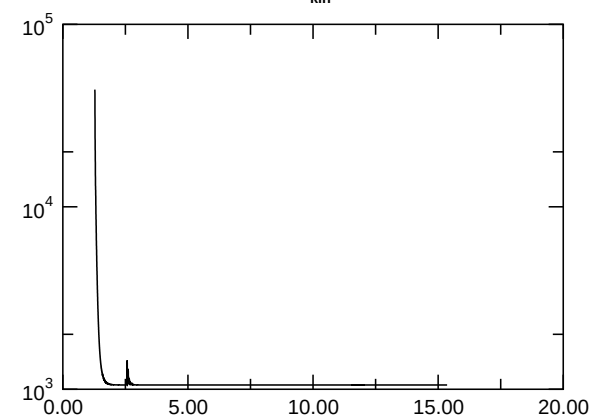
a.e03p1t03r-50000m1n2N2z0.4e5ac.12
times: 8.960007 10.24001 11.52001 12.80001 14.08001 15.36001

December 1, 2015



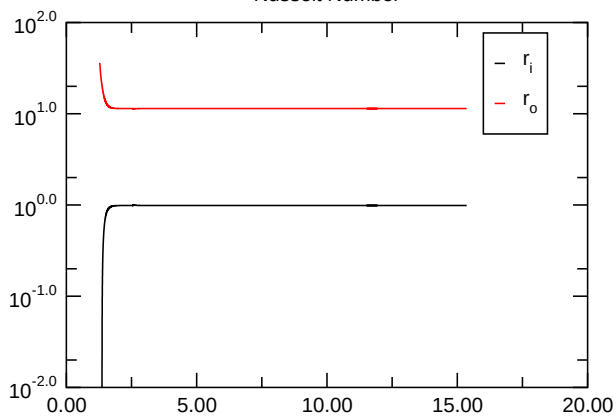
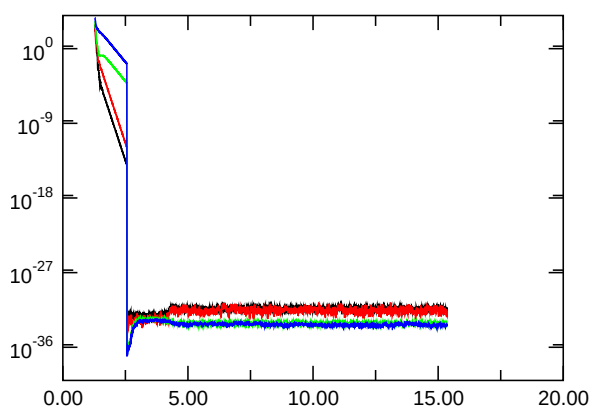
a.e03p1t03r-50000m1n2N2z0.4e5ac
 E_{kin}

$E_{kin,symm.}$



$E_{kin,asymm.}$

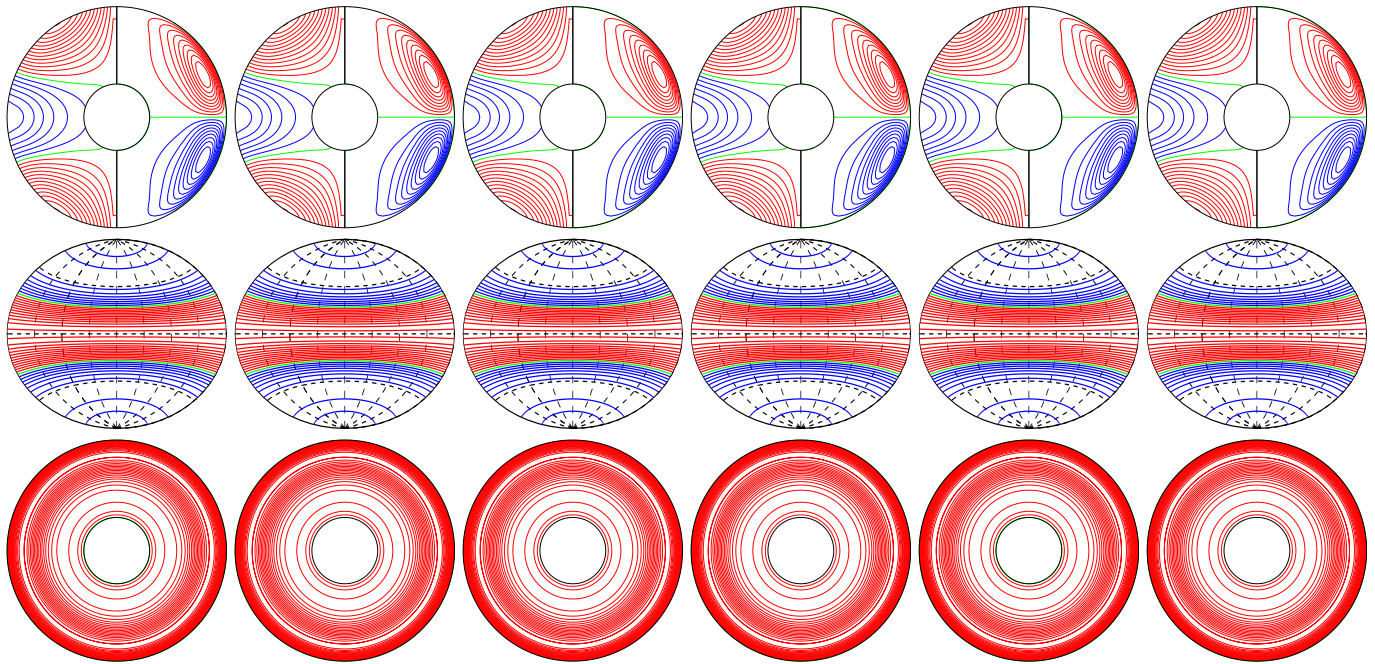
Nusselt Number



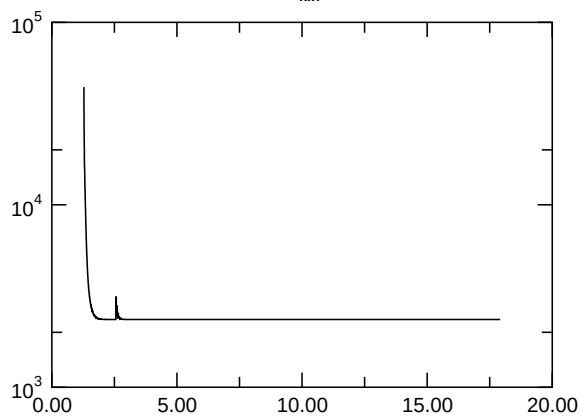
a.e03p1t03r-50000m1n2N2z0.6e5ac.14

times: 11.52001 12.80001 14.08001 15.36001 16.64001 17.92001

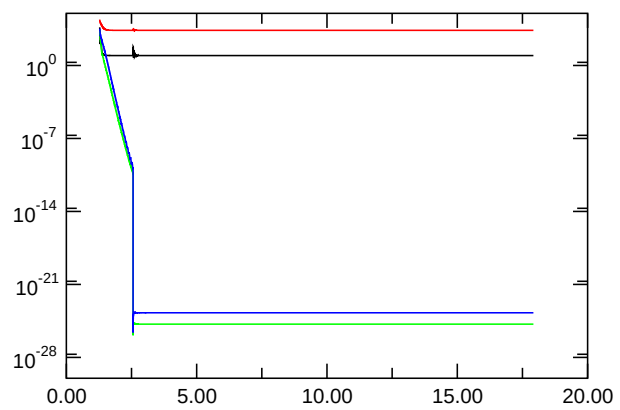
December 1, 2015



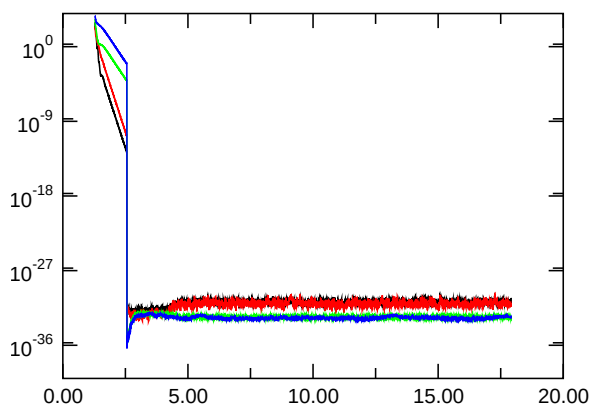
a.e03p1t03r-50000m1n2N2z0.6e5ac
 E_{kin}



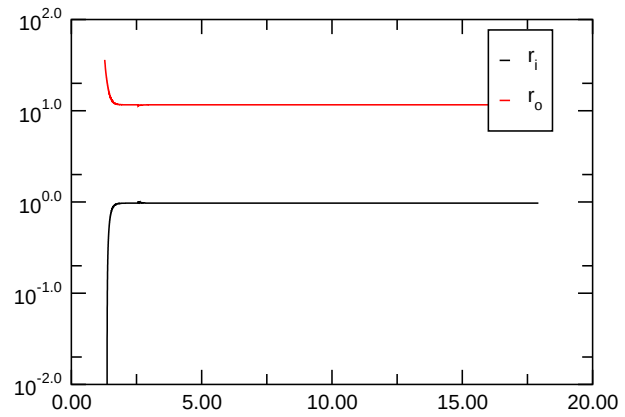
$E_{\text{kin,symm.}}$



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



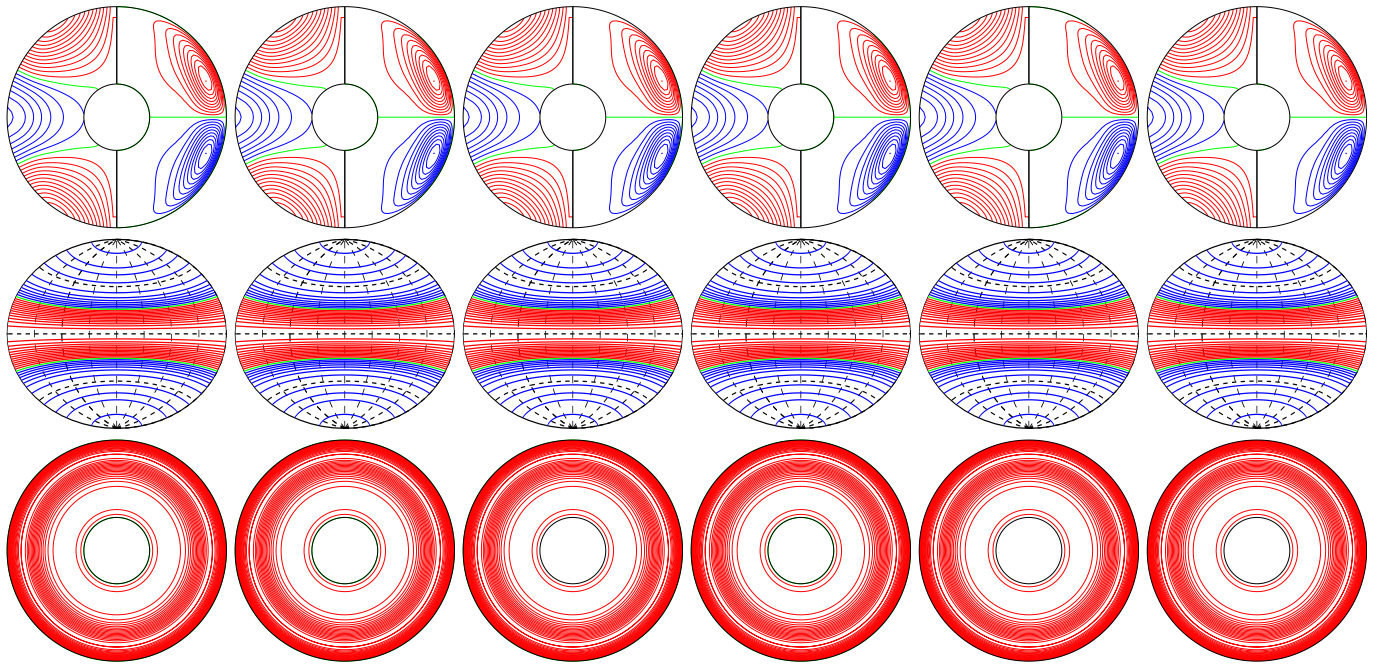
Nusselt Number



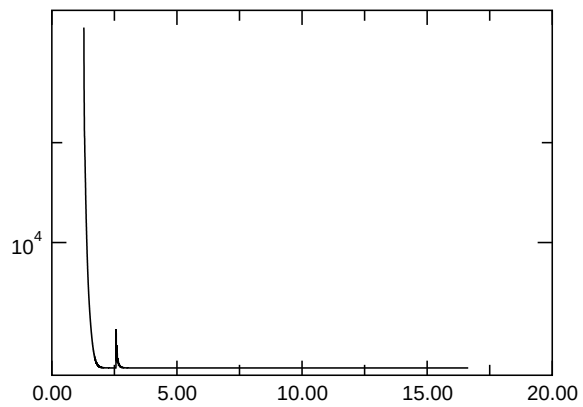
a.e03p1t03r-50000m1n2N2z0.8e5ac.13

times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

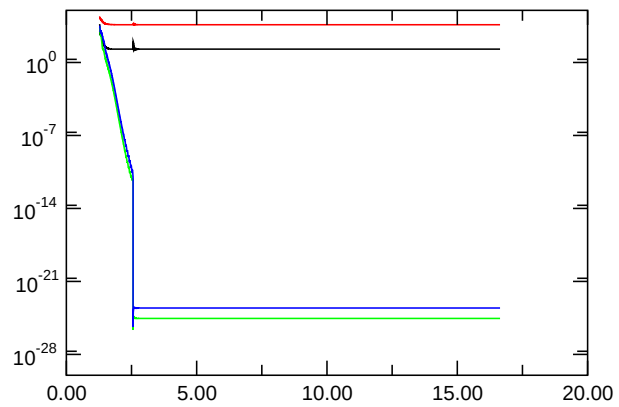
December 1, 2015



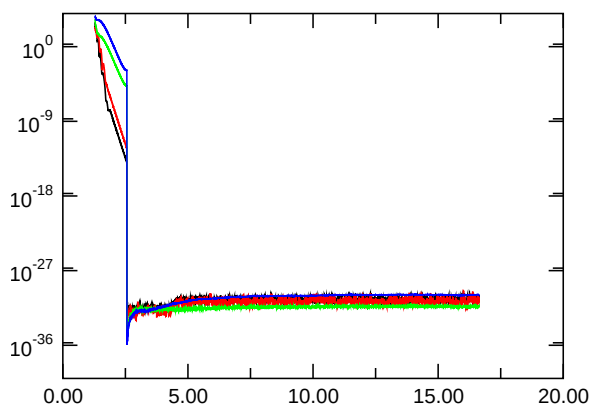
a.e03p1t03r-50000m1n2N2z0.8e5ac
 E_{kin}



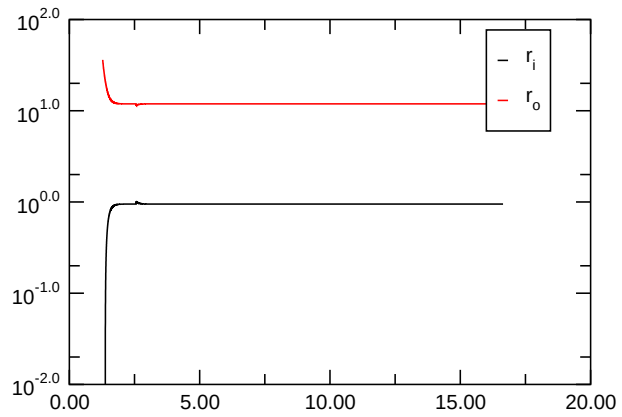
$E_{\text{kin,symm.}}$



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



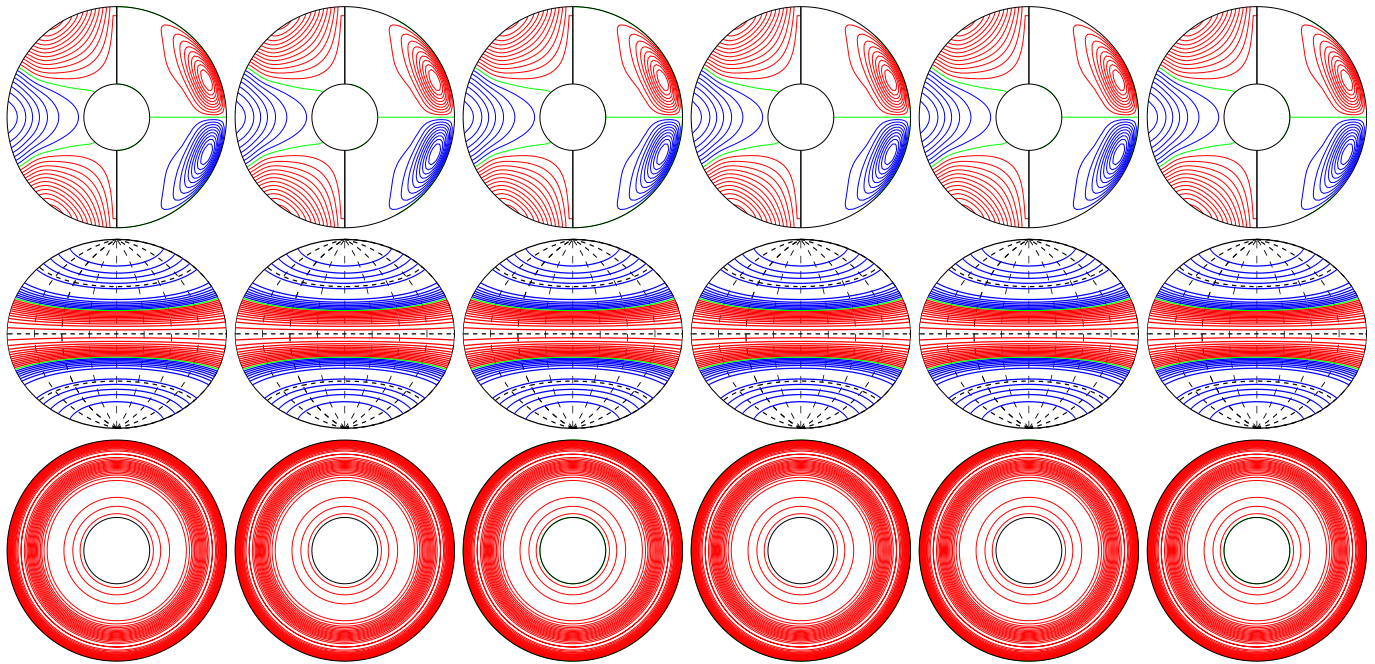
Nusselt Number



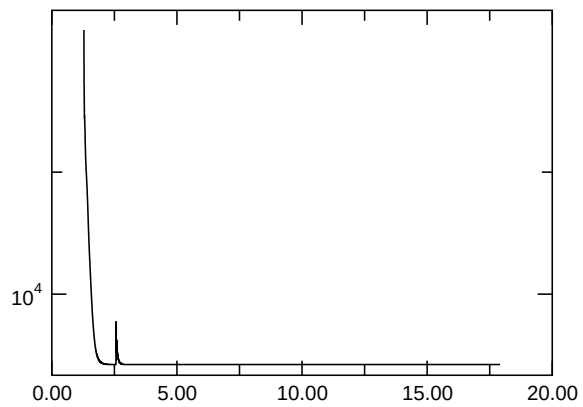
a.e03p1t03r-50000m1n2N2z1.0e5ac.14

times: 11.52001 12.80001 14.08001 15.36001 16.64001 17.92001

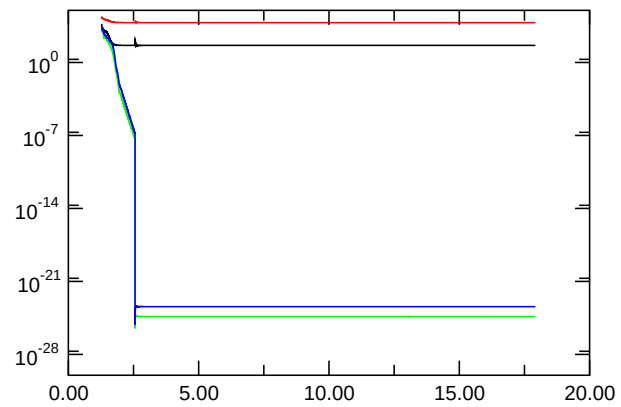
December 1, 2015



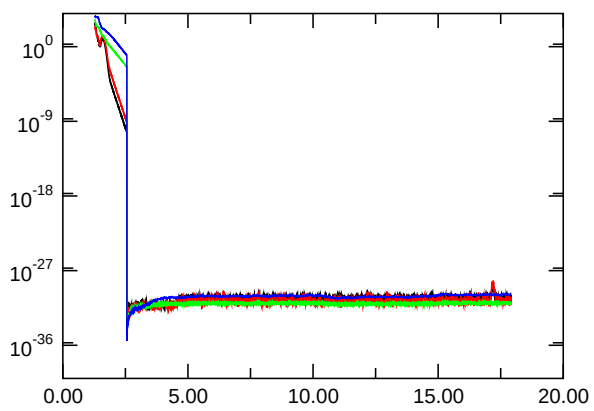
a.e03p1t03r-50000m1n2N2z1.0e5ac
 E_{kin}



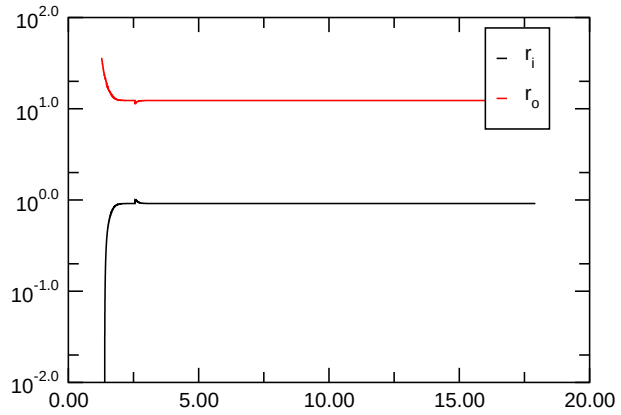
$E_{\text{kin,symm.}}$



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

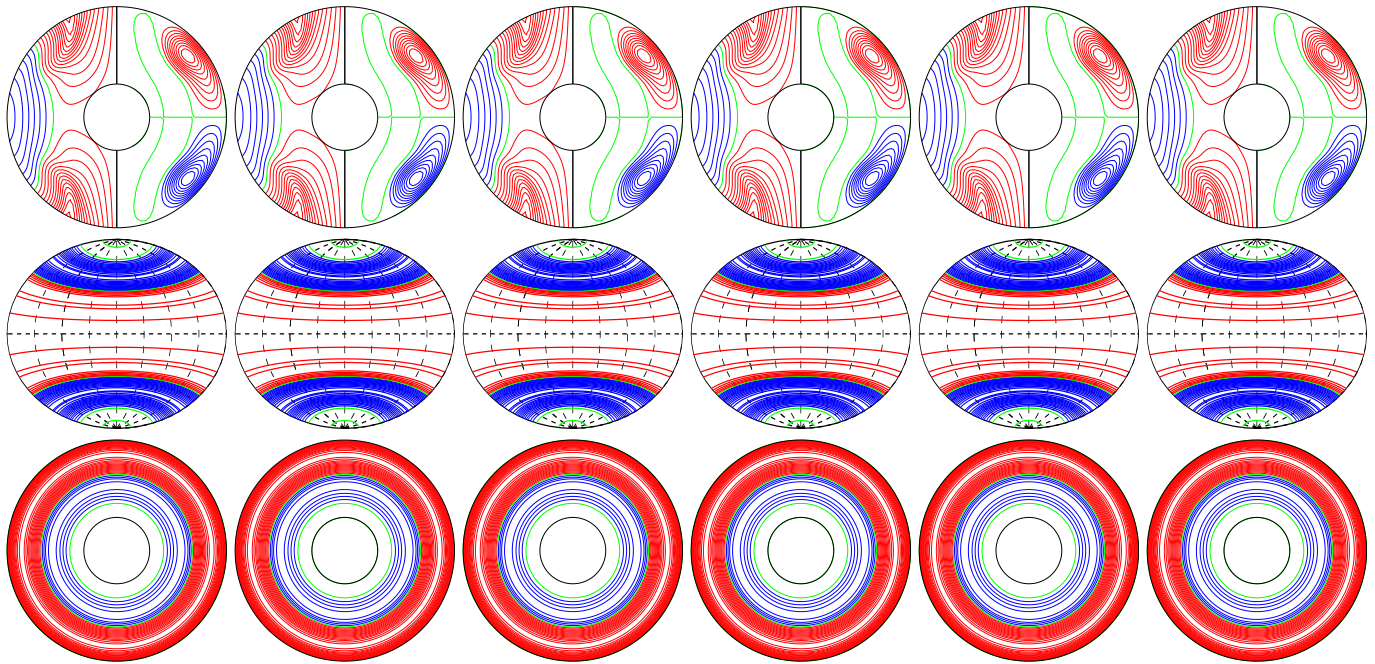


Nusselt Number

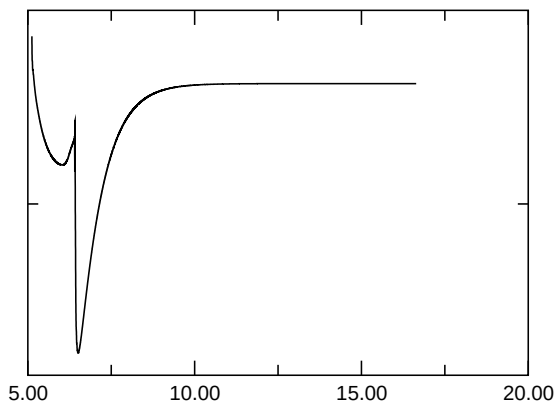


a.e03p1t03r-50000m1n2N2z1.13e5ac.10
times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

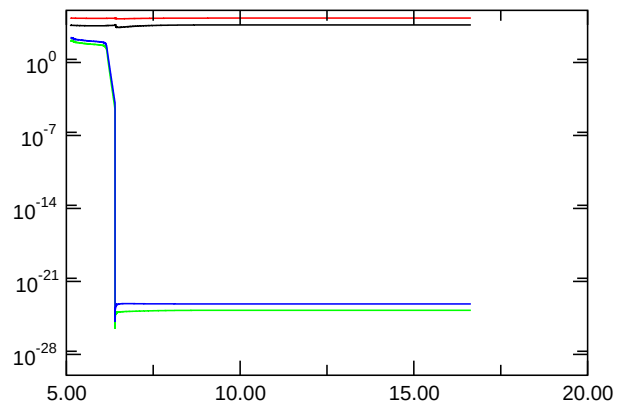
December 1, 2015



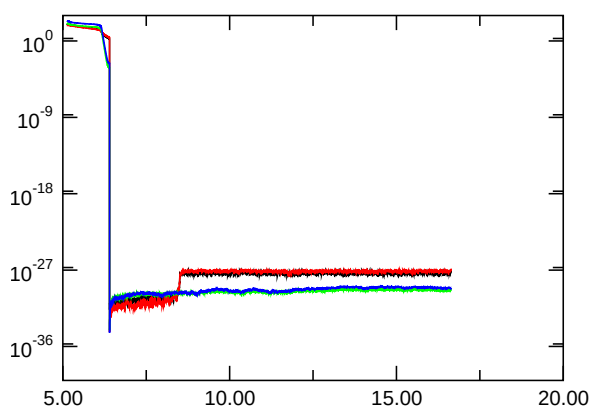
a.e03p1t03r-50000m1n2N2z1.13e5ac
 E_{kin}



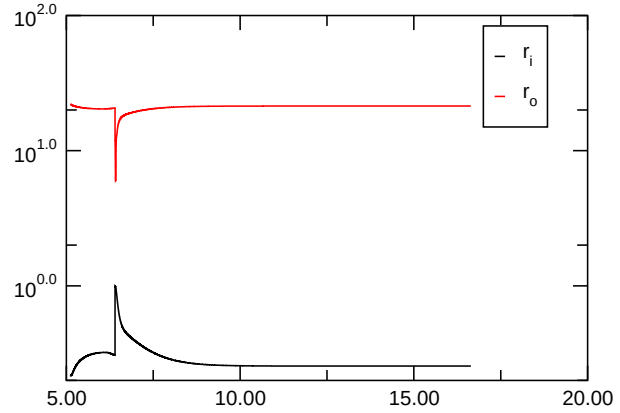
$E_{\text{kin,symm.}}$



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



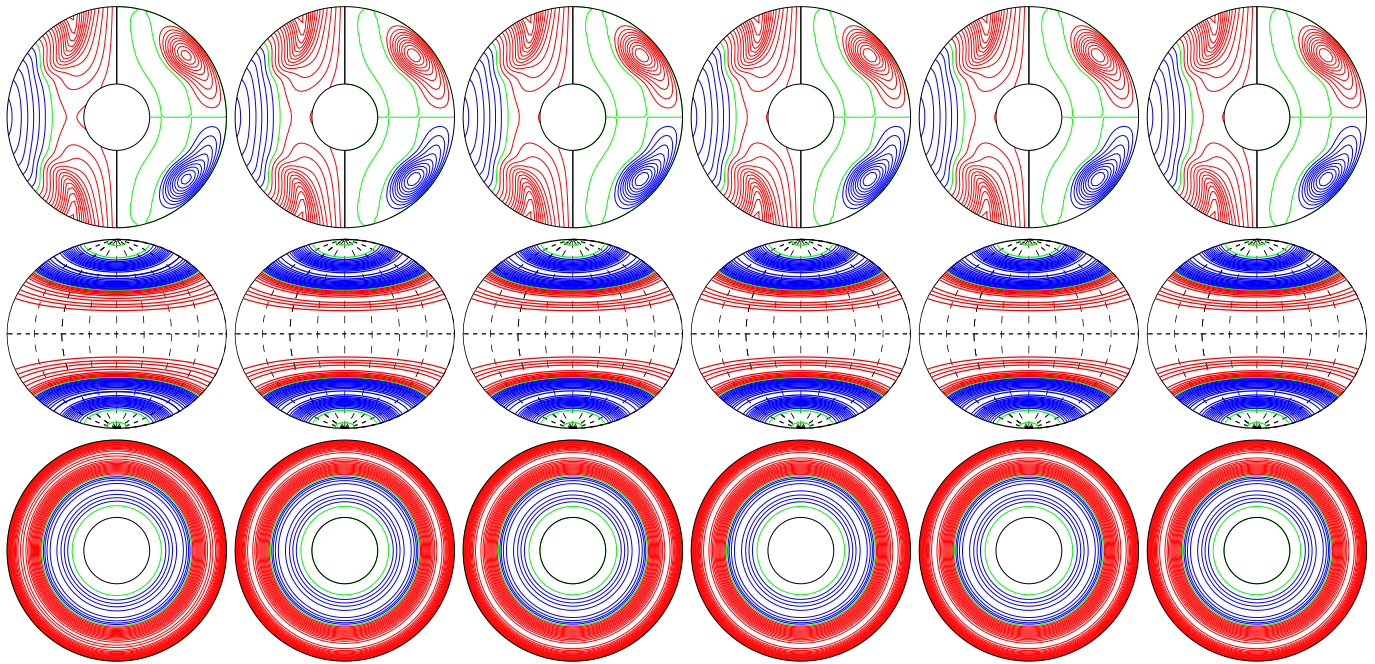
Nusselt Number



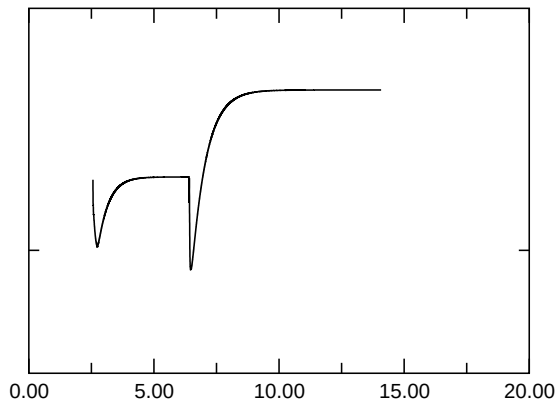
a.e03p1t03r-50000m1n2N2z1.15e5ac.8

times: 7.680006 8.960007 10.24001 11.52001 12.80001 14.08001

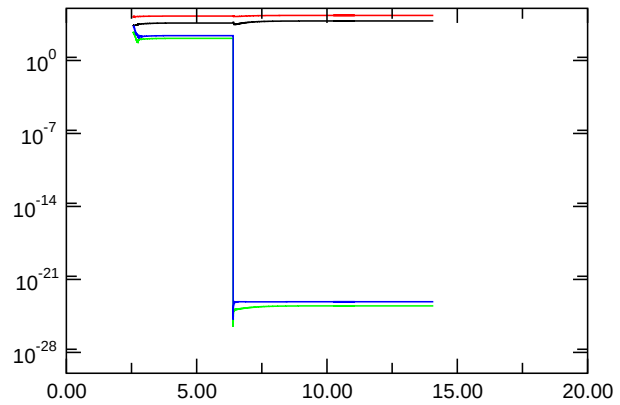
December 1, 2015



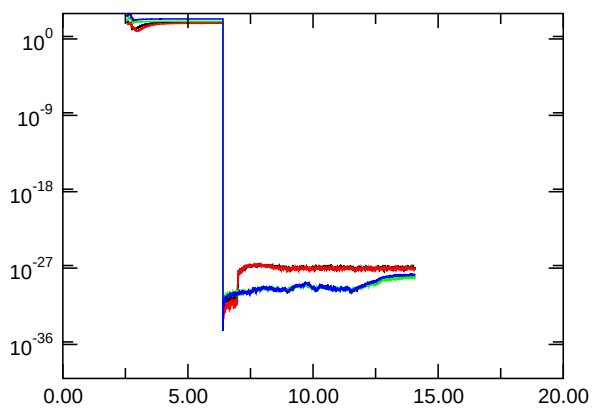
a.e03p1t03r-50000m1n2N2z1.15e5ac
 E_{kin}



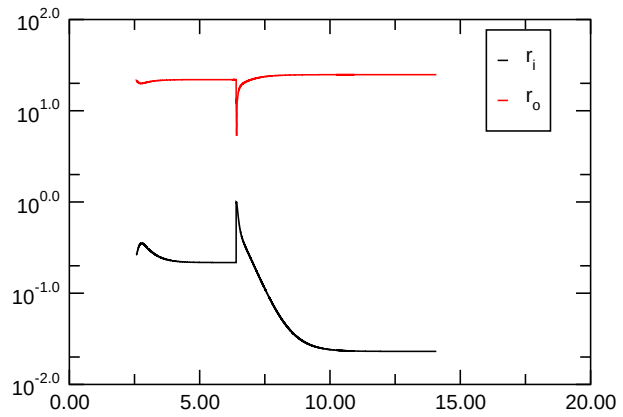
$E_{\text{kin,symm.}}$



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

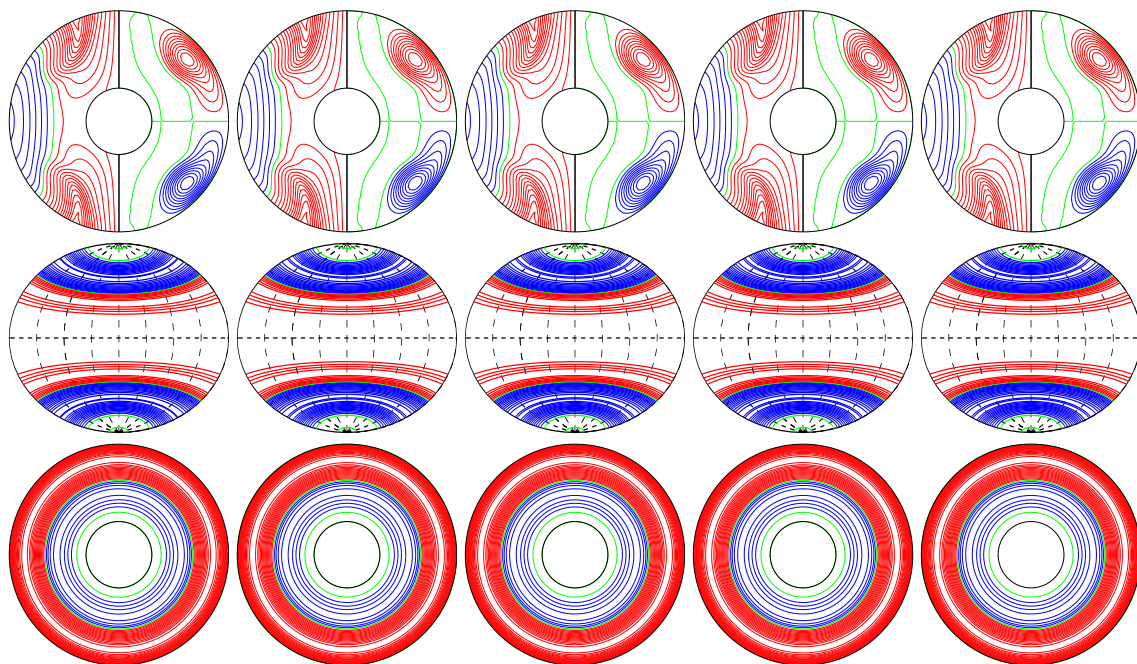


Nusselt Number

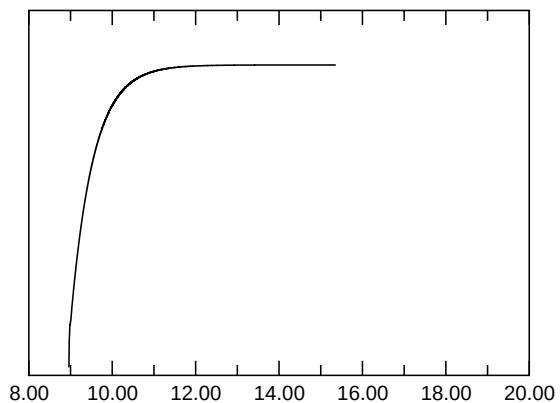


a.e03p1t03r-50000m1n2N2z1.16e5aca.6
times: 10.24001 11.52001 12.80001 14.08001 15.36001

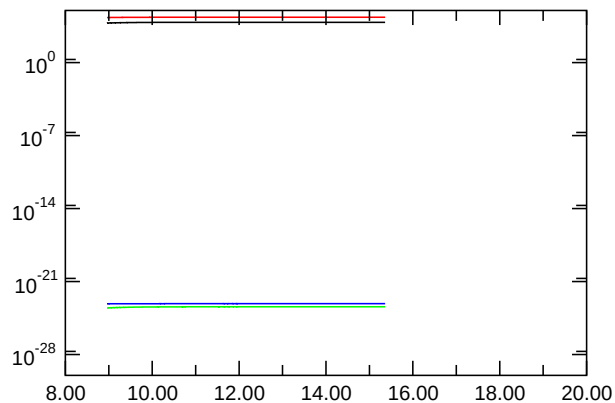
December 1, 2015



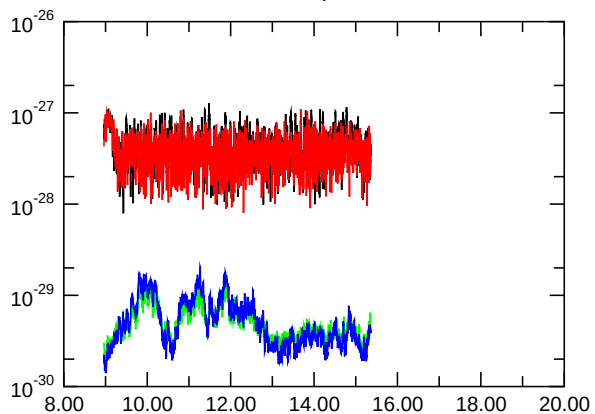
a.e03p1t03r-50000m1n2N2z1.16e5aca
 E_{kin}



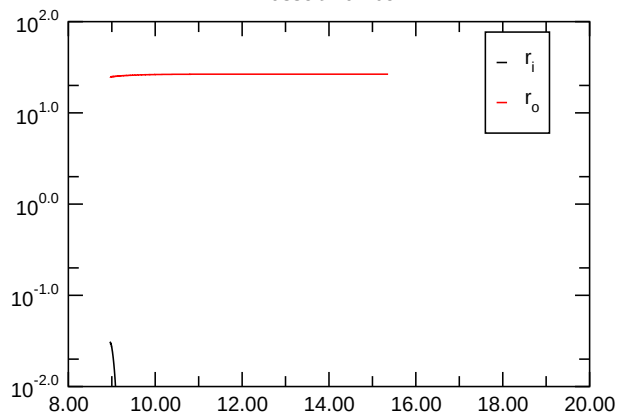
$E_{\text{kin, symm.}}$



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

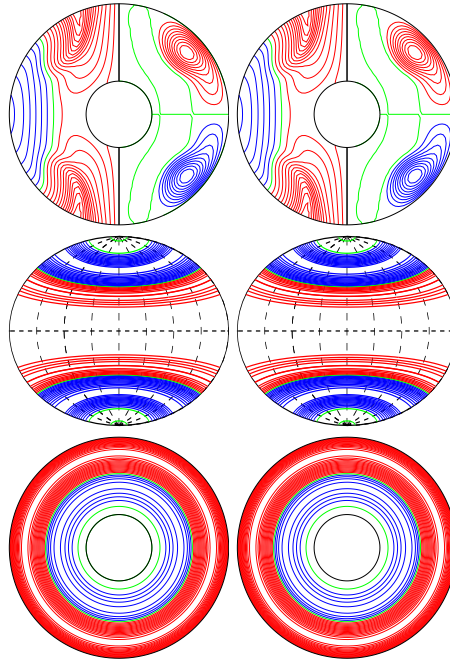


Nusselt Number

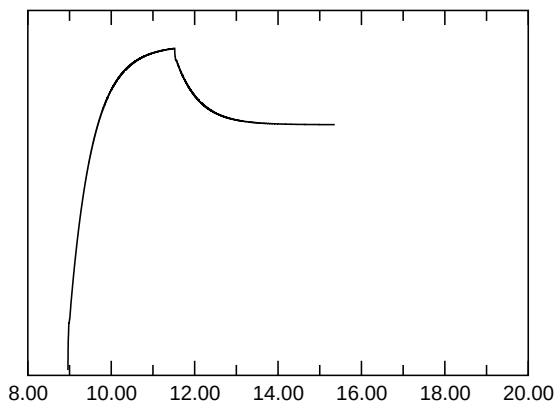


a.e03p1t03r-50000m1n2N2z1.165e5aca.4
times: 14.08001 15.36001

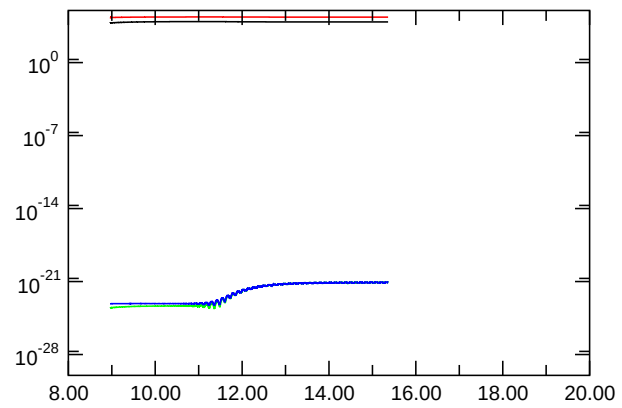
December 1, 2015



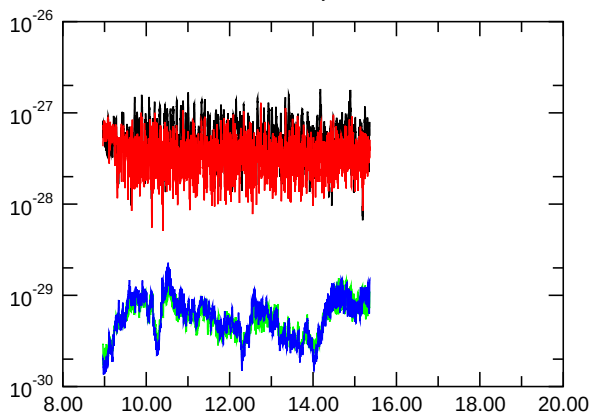
a.e03p1t03r-50000m1n2N2z1.165e5aca
 E_{kin}



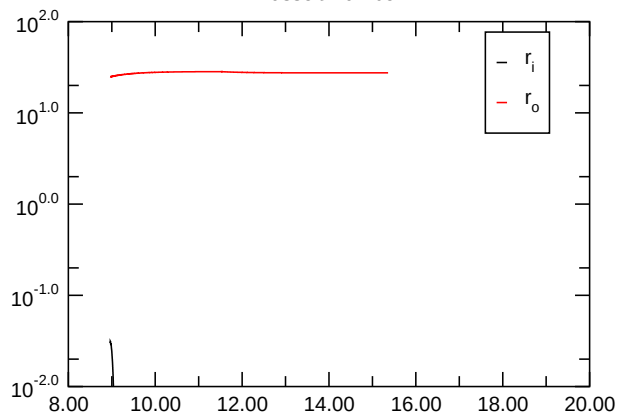
$E_{\text{kin,symm.}}$



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

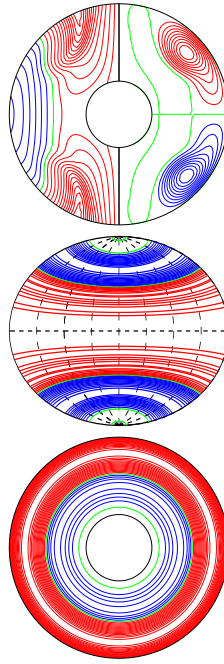


Nusselt Number

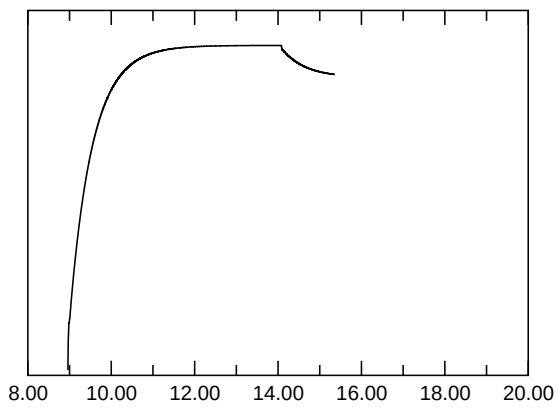


a.e03p1t03r-50000m1n2N2z1.168e5aca.2
times: 15.36001

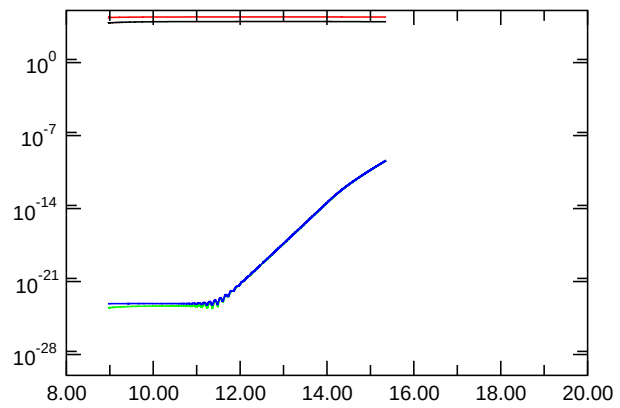
December 1, 2015



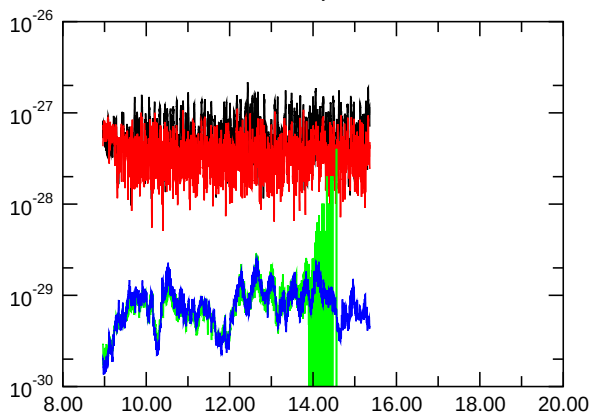
a.e03p1t03r-50000m1n2N2z1.168e5aca
 E_{kin}



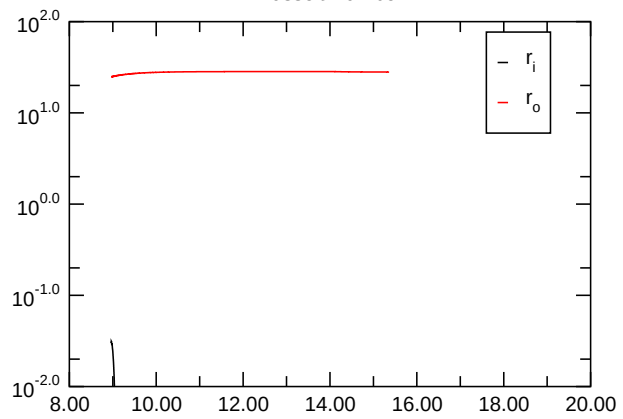
$E_{\text{kin,symm.}}$



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

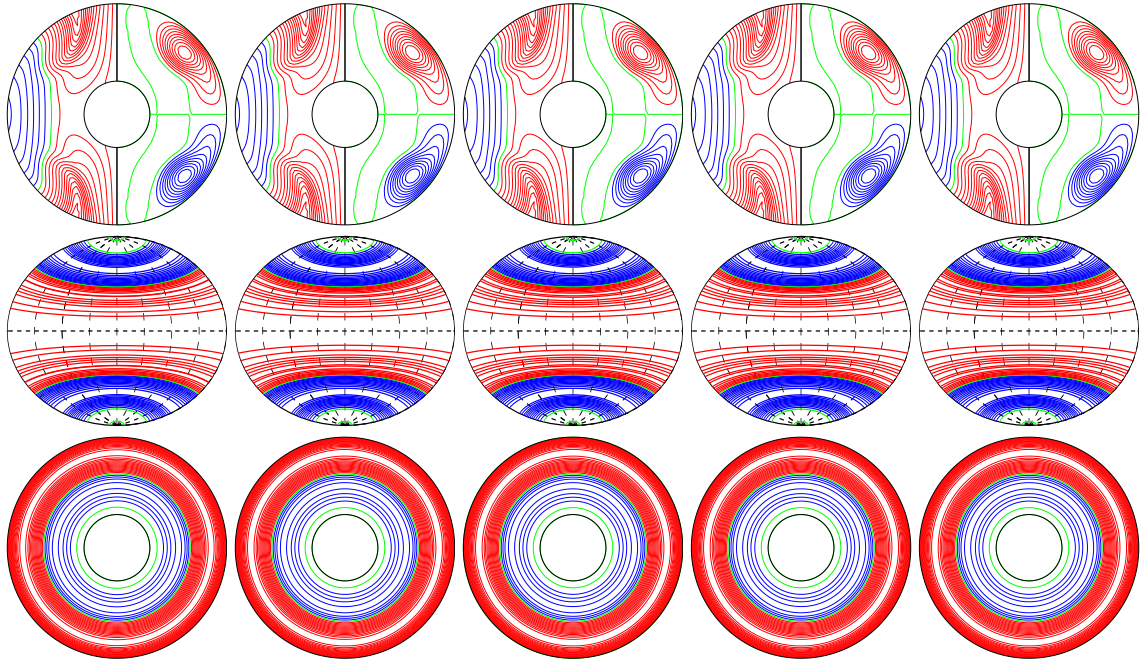


Nusselt Number

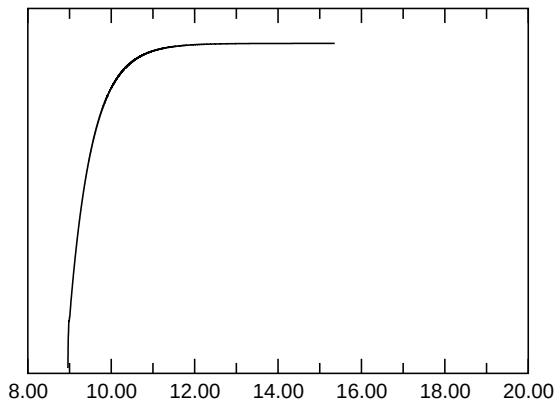


a.e03p1t03r-50000m1n2N2z1.17e5aca.6
times: 10.24001 11.52001 12.80001 14.08001 15.36001

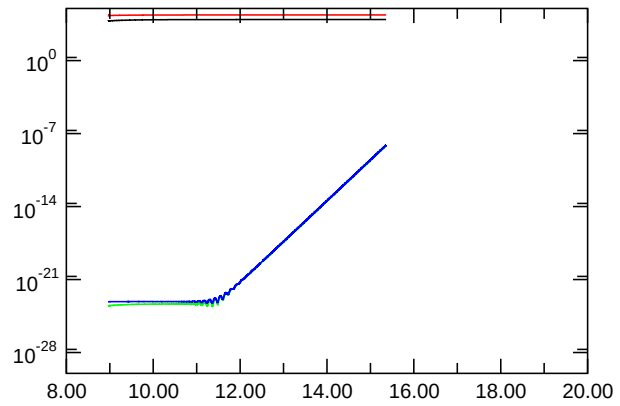
December 1, 2015



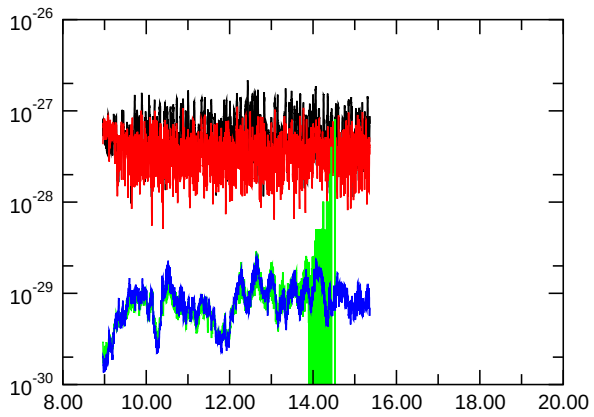
a.e03p1t03r-50000m1n2N2z1.17e5aca
 E_{kin}



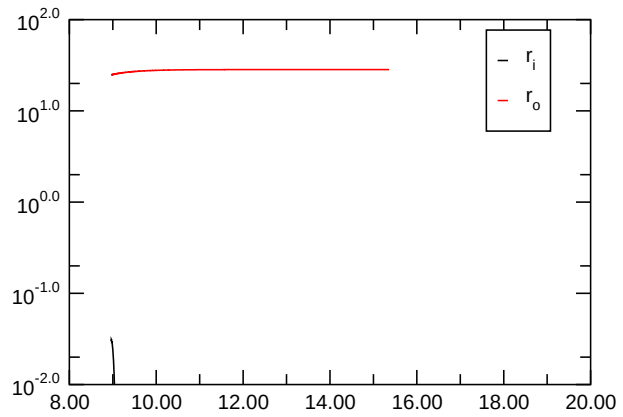
$E_{\text{kin,symm.}}$



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

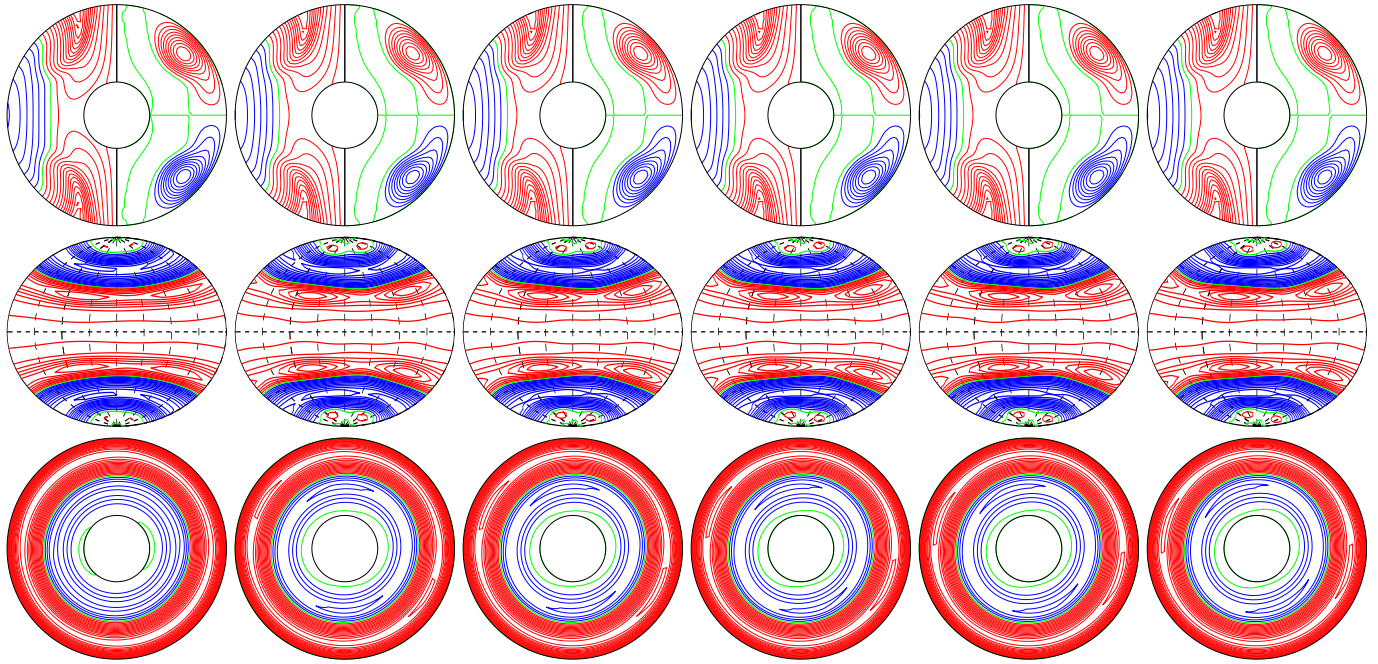


Nusselt Number

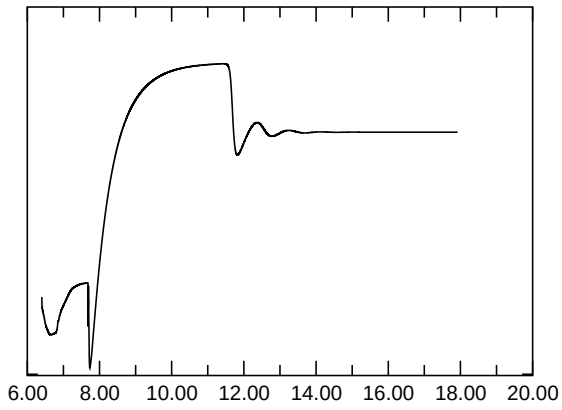


a.e03p1t03r-50000m1n2N2z1.18e5ac.10
times: 11.52001 12.80001 14.08001 15.36001 16.64001 17.92001

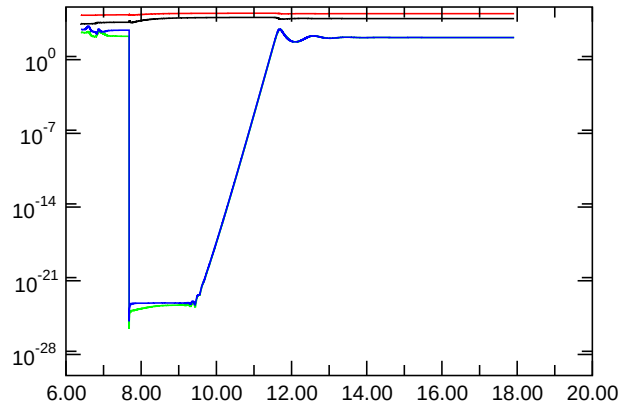
December 1, 2015



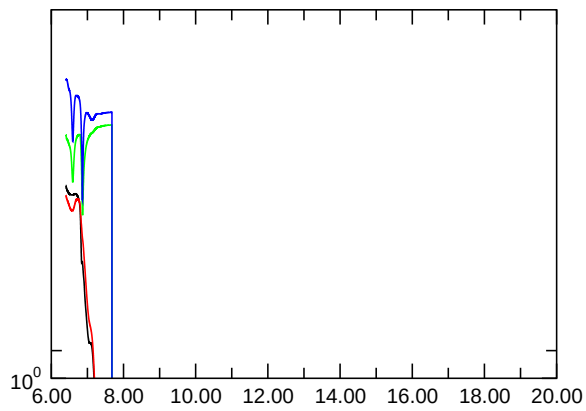
a.e03p1t03r-50000m1n2N2z1.18e5ac
 E_{kin}



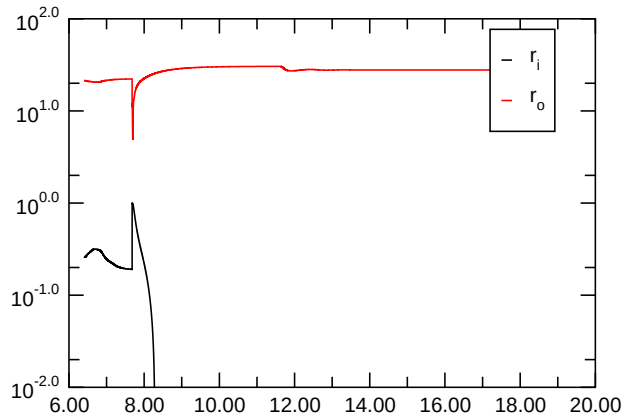
$E_{\text{kin, symm.}}$



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



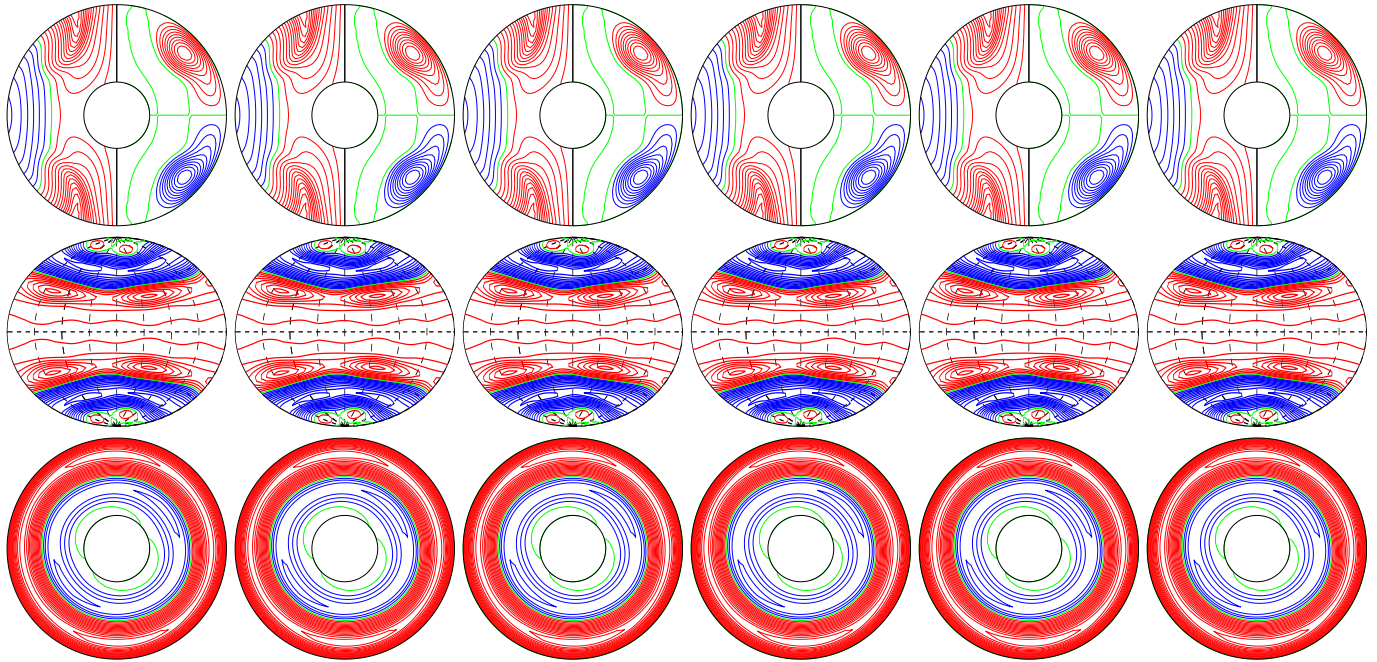
Nusselt Number



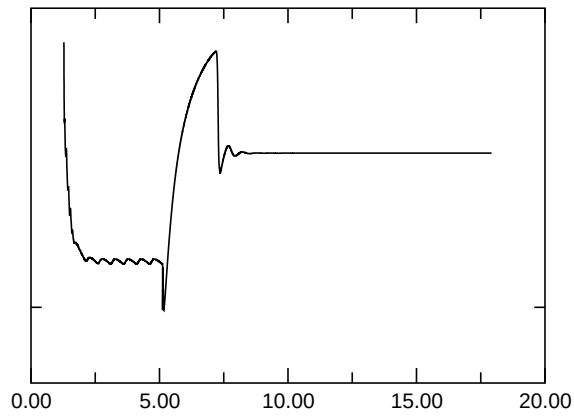
a.e03p1t03r-50000m1n2N2z1.2e5ac.12

times: 11.52001 12.80001 14.08001 15.36001 16.64001 17.92001

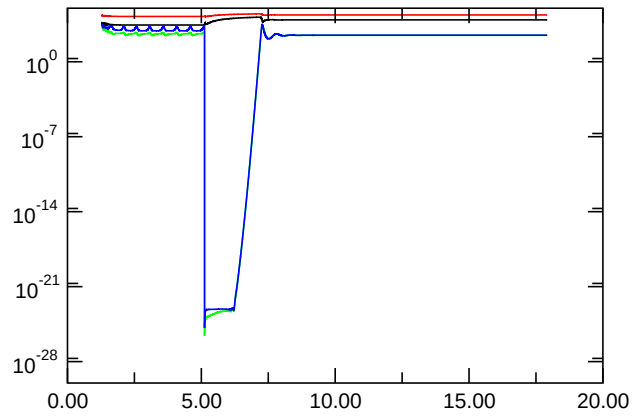
December 1, 2015



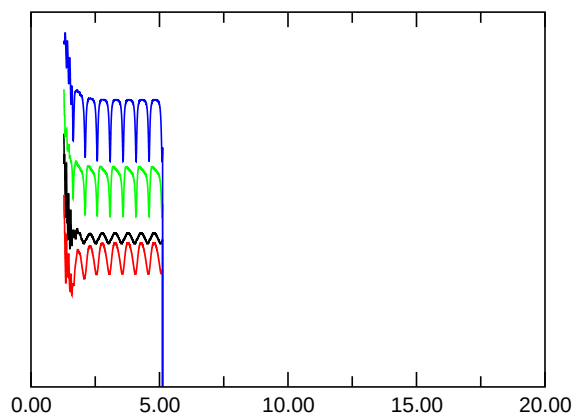
a.e03p1t03r-50000m1n2N2z1.2e5ac
 E_{kin}



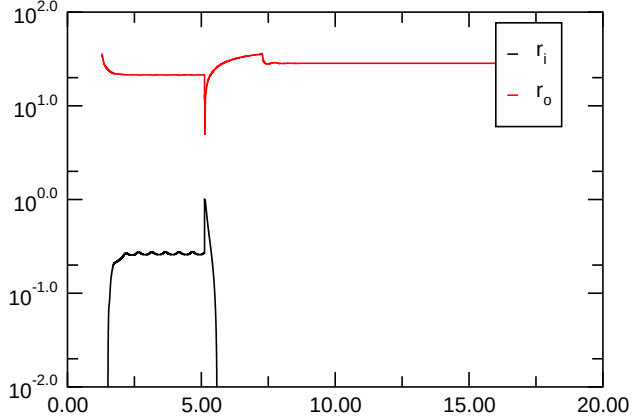
$E_{\text{kin,symm.}}$



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

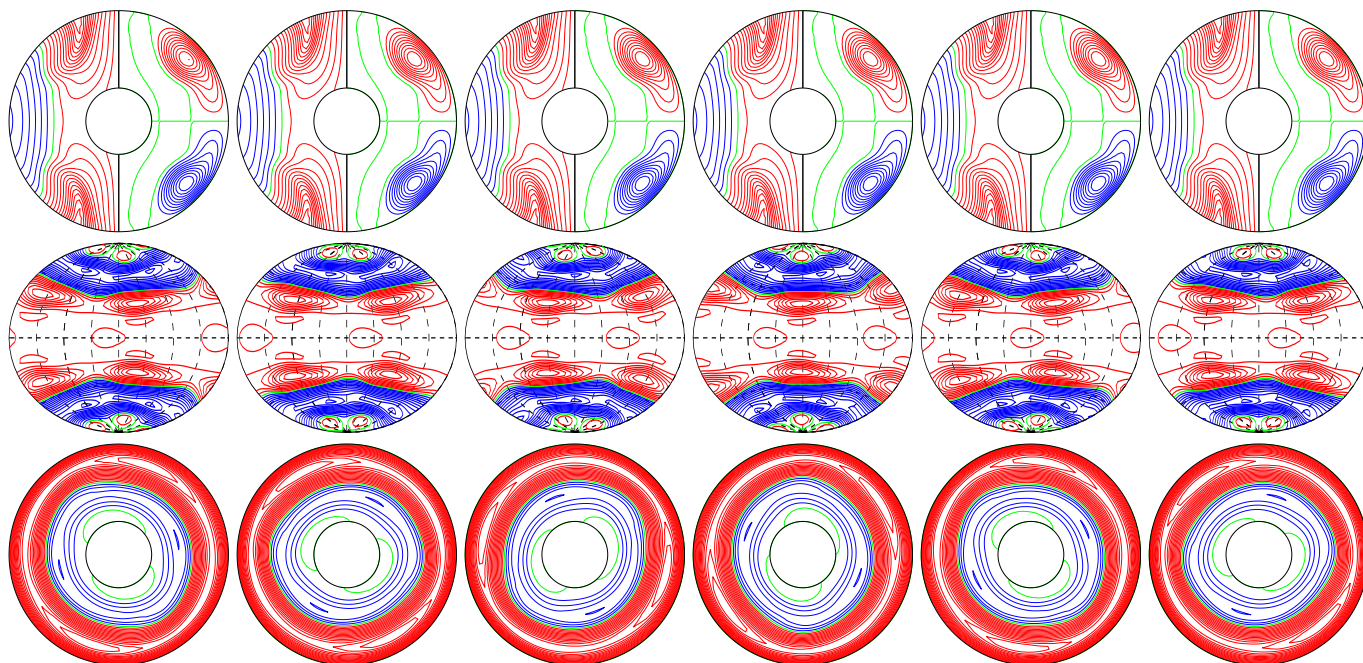


Nusselt Number

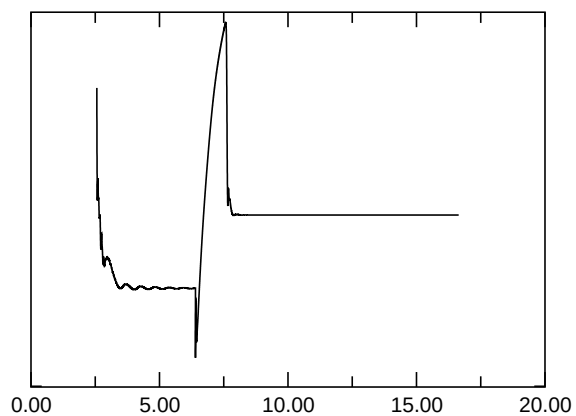


a.e03p1t03r-50000m1n2N2z1.25e5ac.10
times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

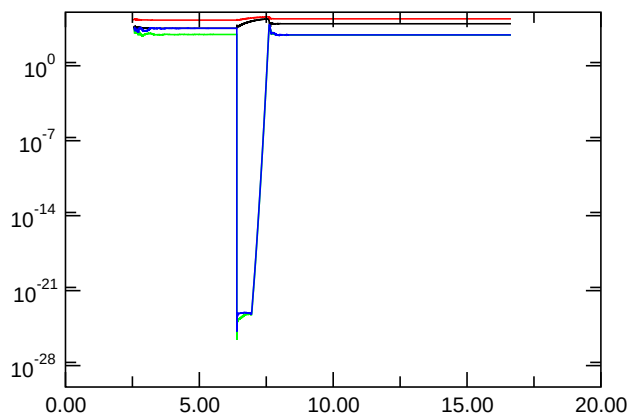
December 1, 2015



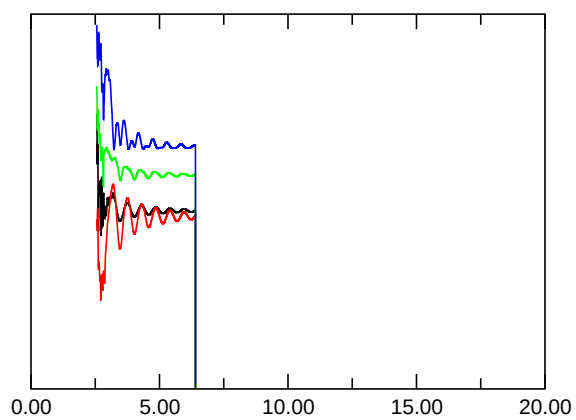
a.e03p1t03r-50000m1n2N2z1.25e5ac
 E_{kin}



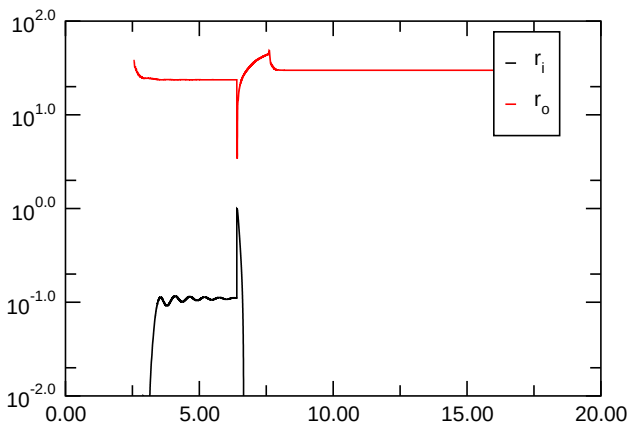
$E_{\text{kin,symm.}}$



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

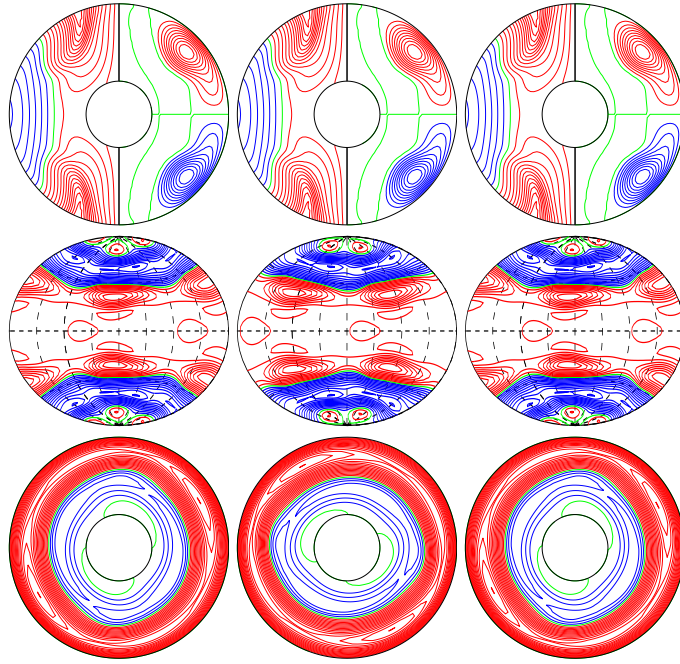


Nusselt Number

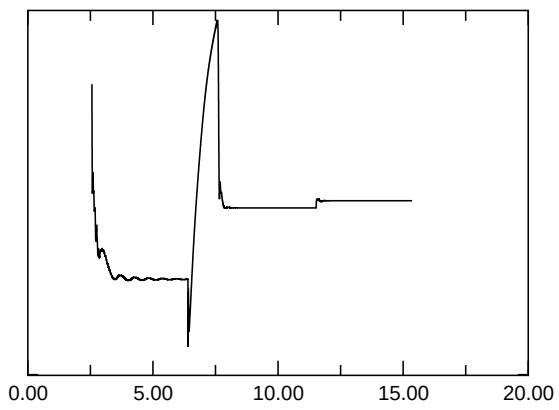


a.e03p1t03r-50000m1n2N2z1.27e5aca.4
times: 12.80001 14.08001 15.36001

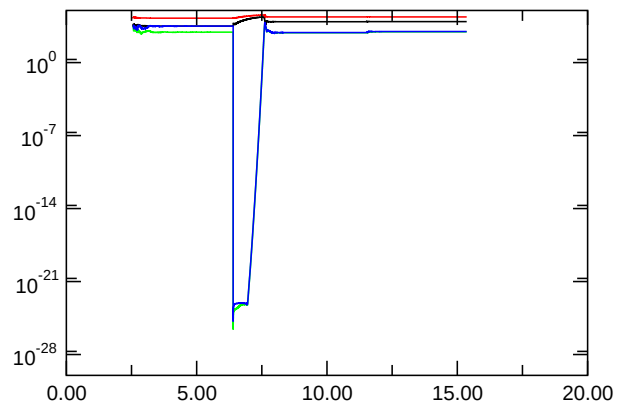
December 1, 2015



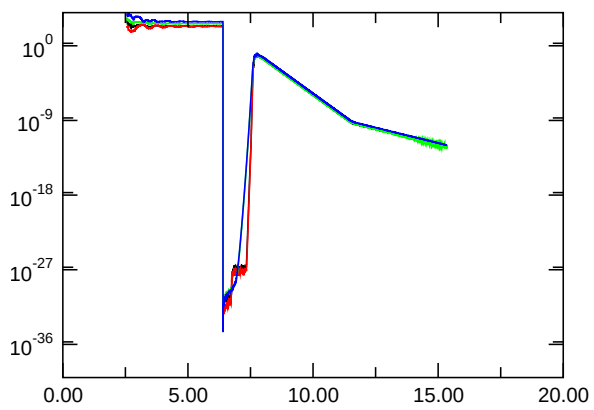
a.e03p1t03r-50000m1n2N2z1.27e5aca
 E_{kin}



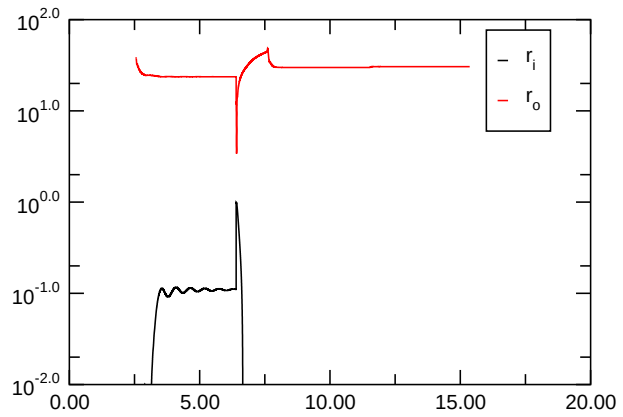
$E_{\text{kin,symm.}}$



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



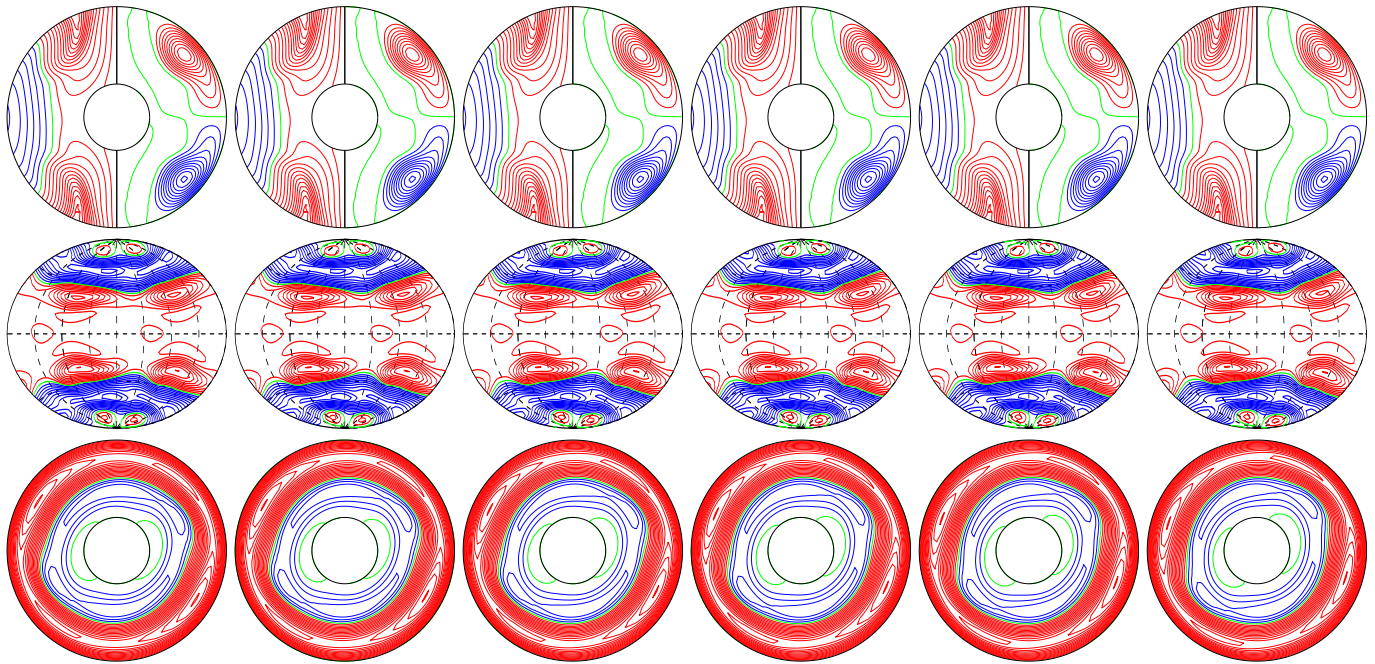
Nusselt Number



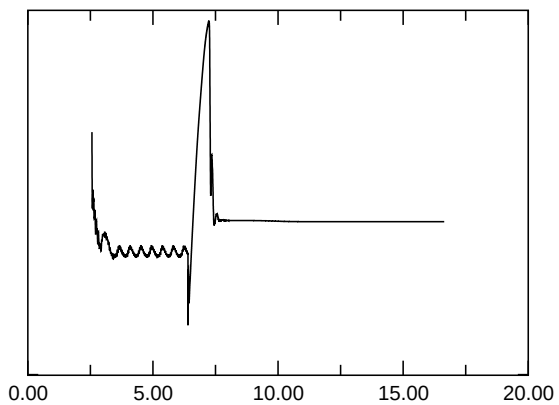
a.e03p1t03r-50000m1n2N2z1.3e5ac.10

times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

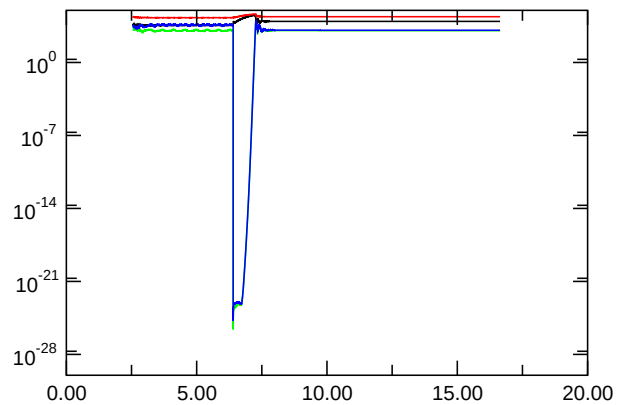
December 1, 2015



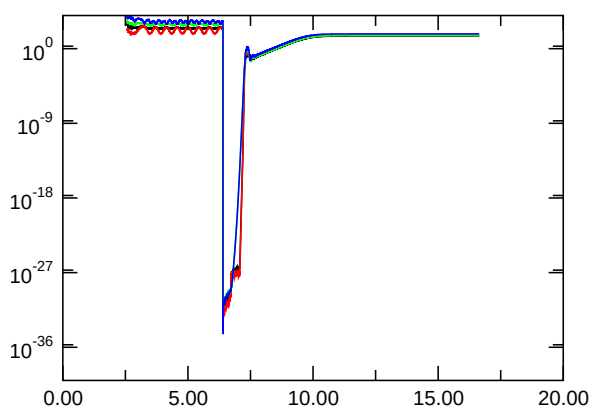
a.e03p1t03r-50000m1n2N2z1.3e5ac
 E_{kin}



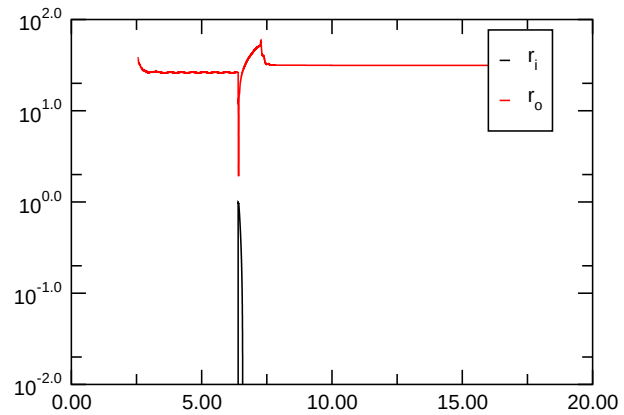
$E_{\text{kin,symm.}}$



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

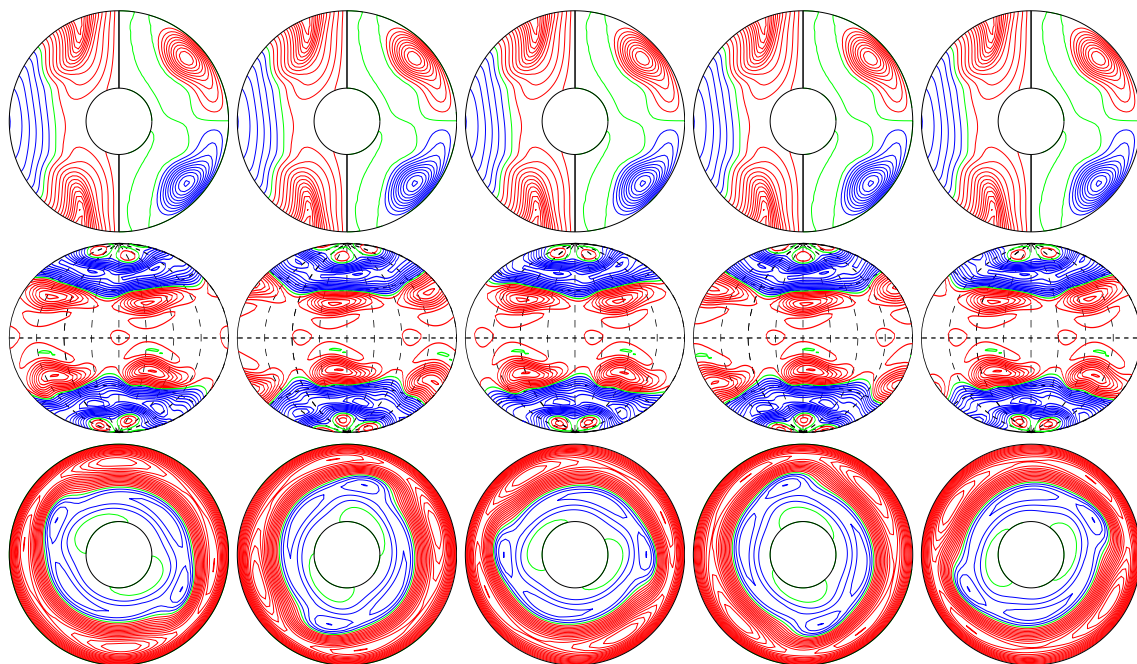


Nusselt Number

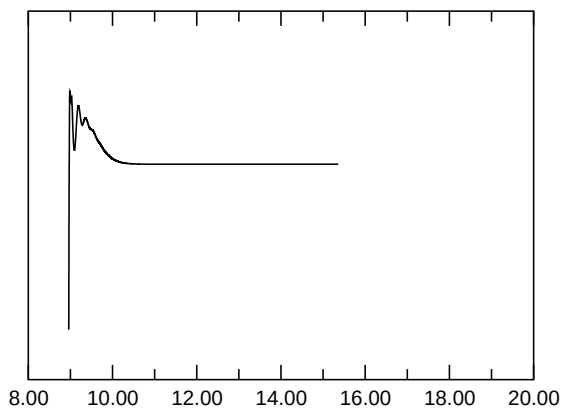


a.e03p1t03r-50000m1n2N2z1.35e5aca.6
times: 10.24001 11.52001 12.80001 14.08001 15.36001

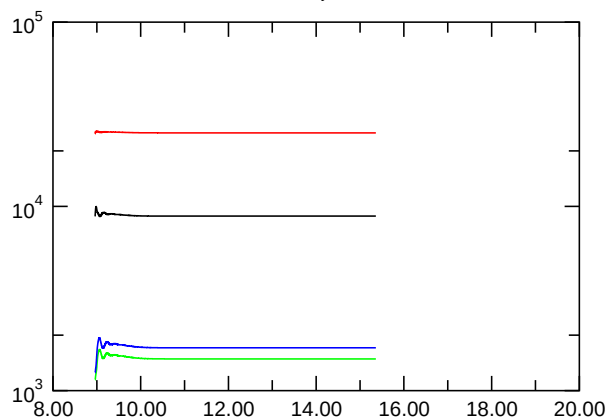
December 1, 2015



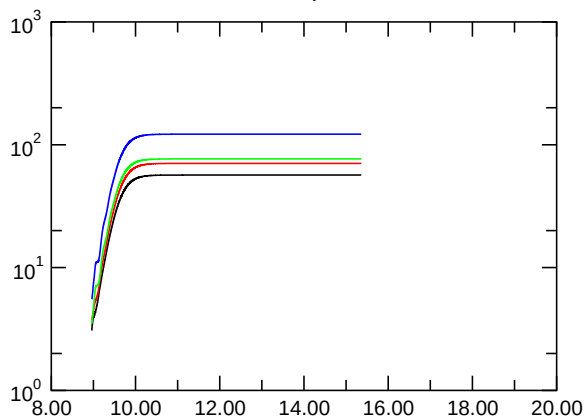
a.e03p1t03r-50000m1n2N2z1.35e5aca
 E_{kin}



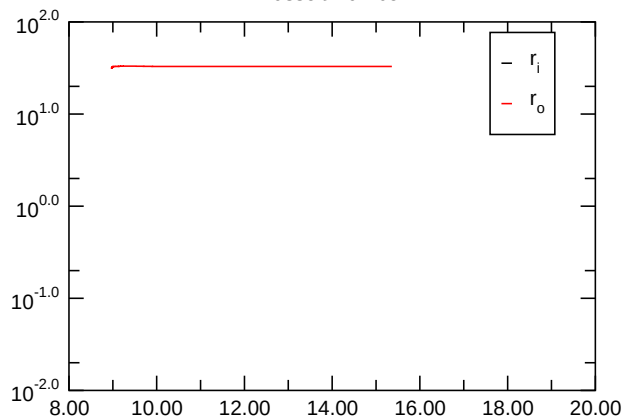
$E_{\text{kin,symm.}}$



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

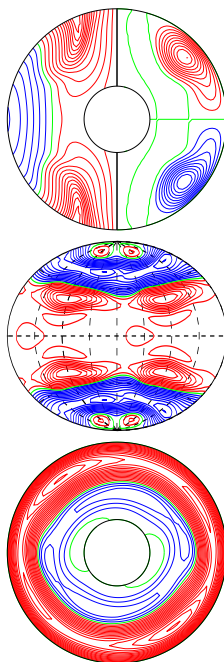


Nusselt Number

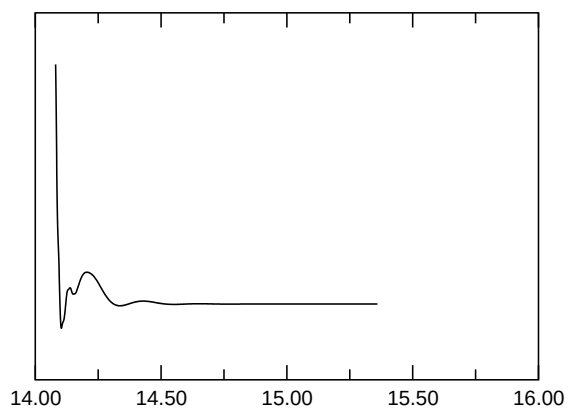


a.e03p1t03r-50000m1n2N2z1.3e5b.2
times: 15.36001

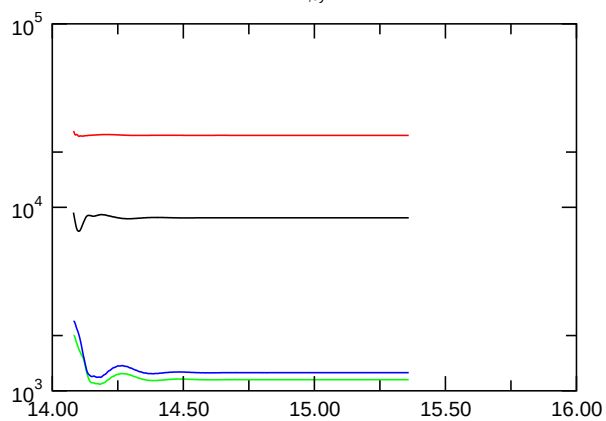
December 1, 2015



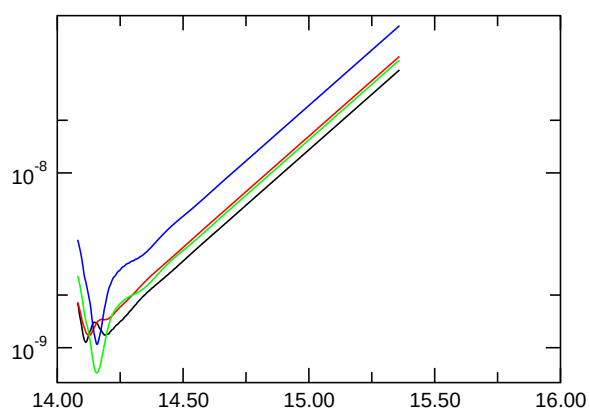
a.e03p1t03r-50000m1n2N2z1.3e5b
 E_{kin}



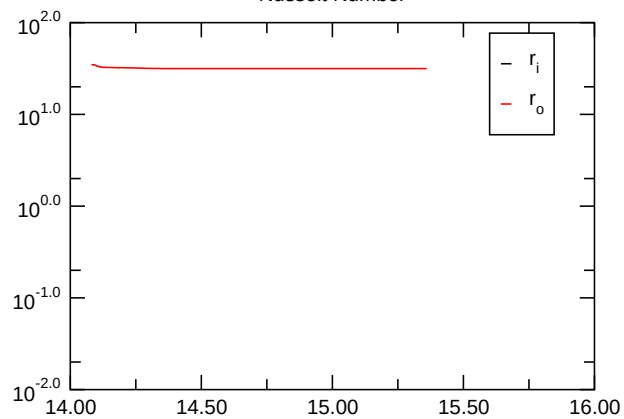
$E_{\text{kin,symm.}}$

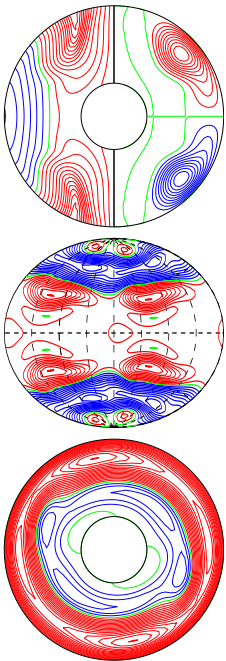


$E_{\text{kin,asymm.}}$

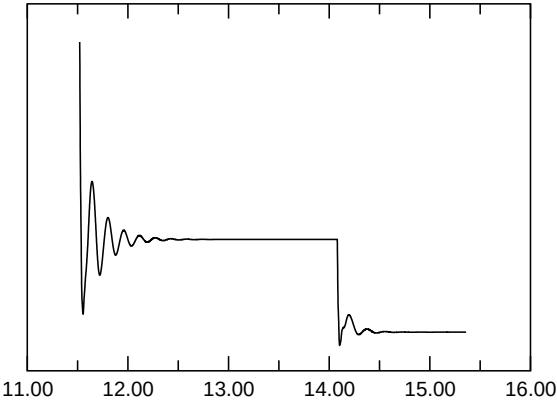


Nusselt Number

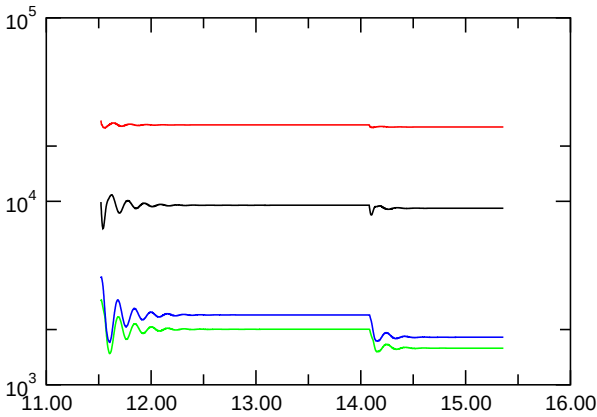




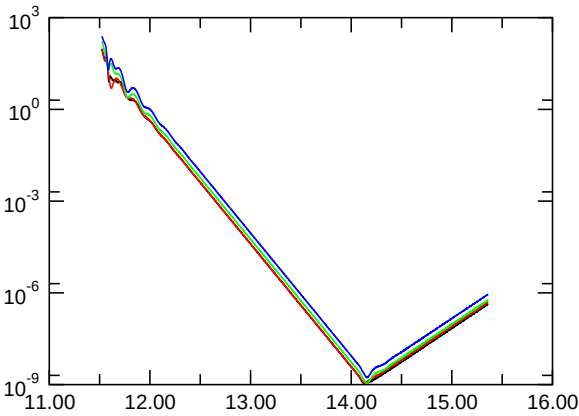
a.e03p1t03r-50000m1n2N2z1.35e5b
 E_{kin}



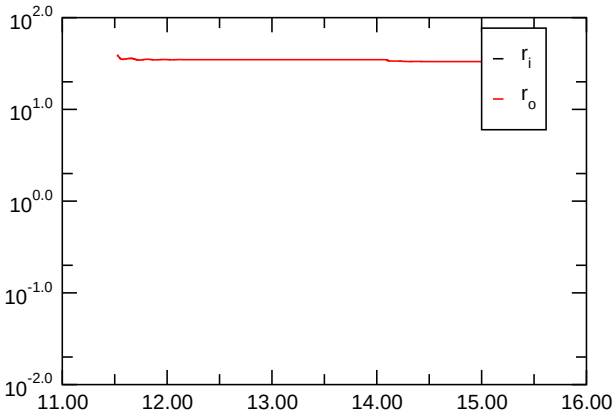
$E_{\text{kin,symm.}}$



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

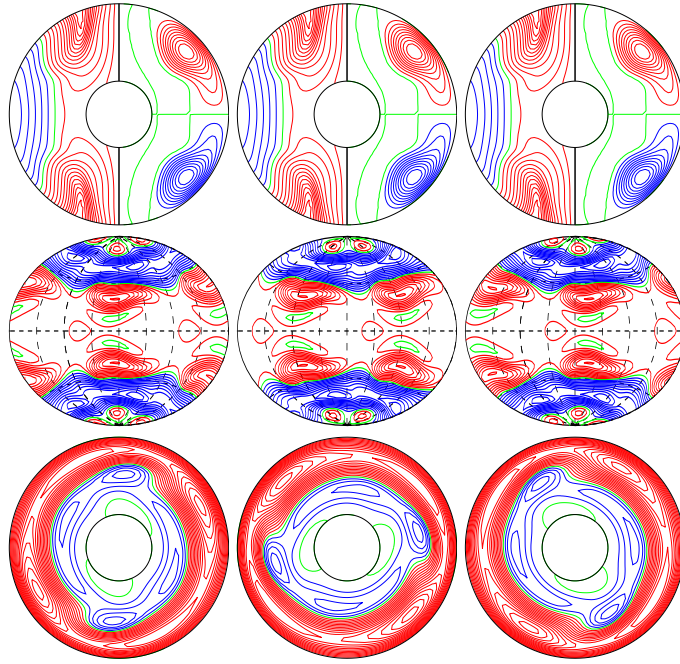


Nusselt Number

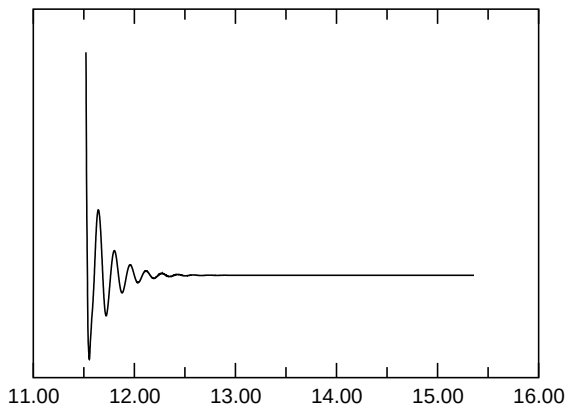


a.e03p1t03r-50000m1n2N2z1.4e5aca.4
times: 12.80001 14.08001 15.36001

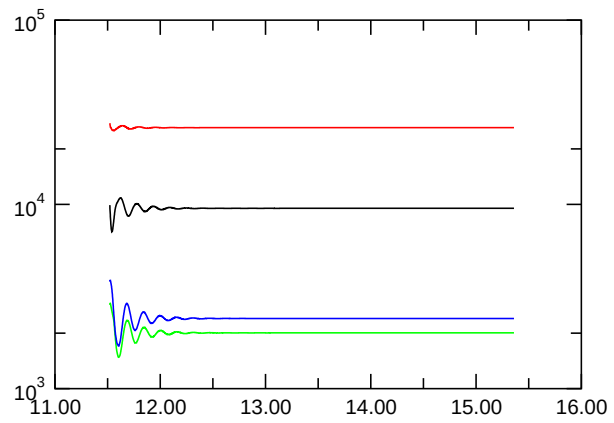
December 1, 2015



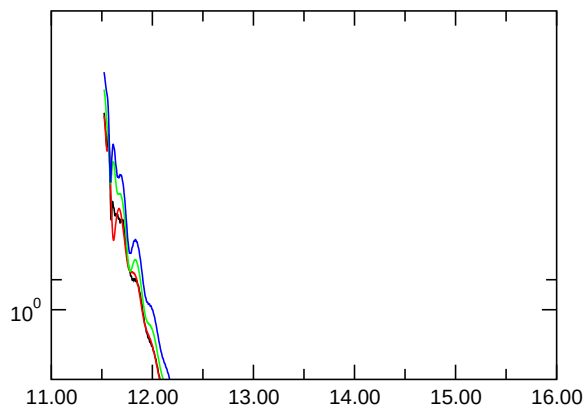
a.e03p1t03r-50000m1n2N2z1.4e5aca
 E_{kin}



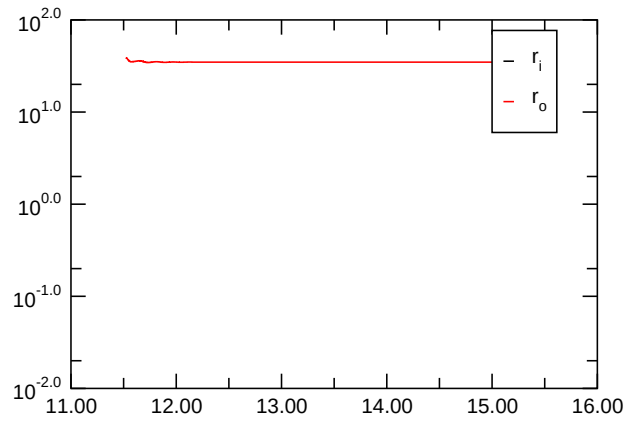
$E_{\text{kin,symm.}}$



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

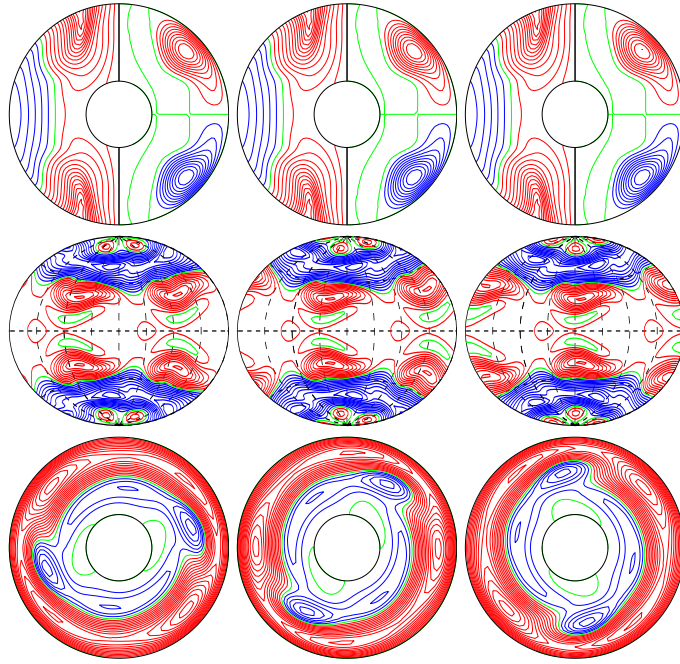


Nusselt Number

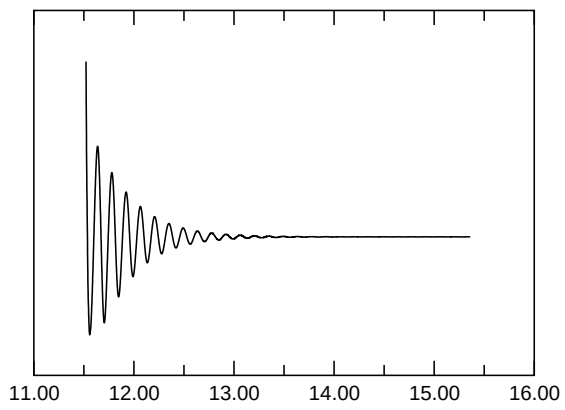


a.e03p1t03r-50000m1n2N2z1.45e5aca.4
times: 12.80001 14.08001 15.36001

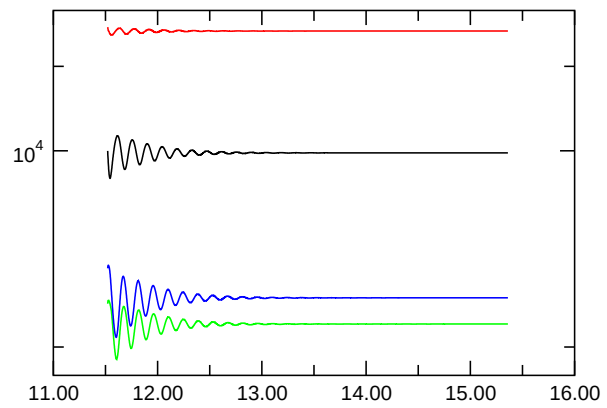
December 1, 2015



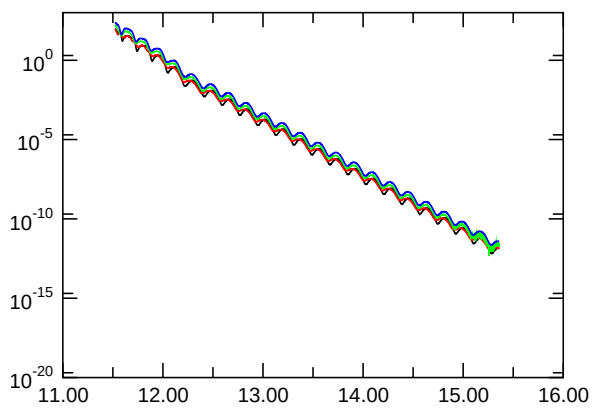
a.e03p1t03r-50000m1n2N2z1.45e5aca
 E_{kin}



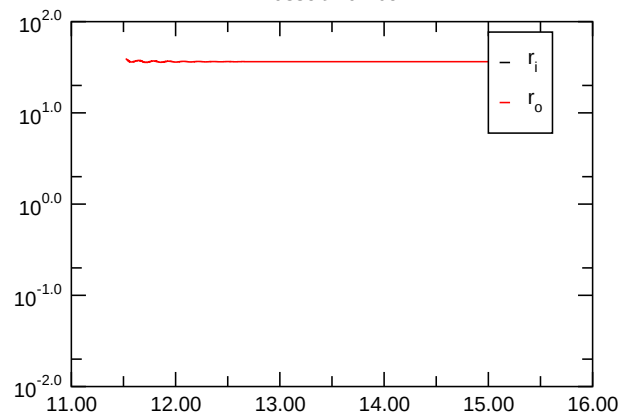
$E_{\text{kin, symm.}}$



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

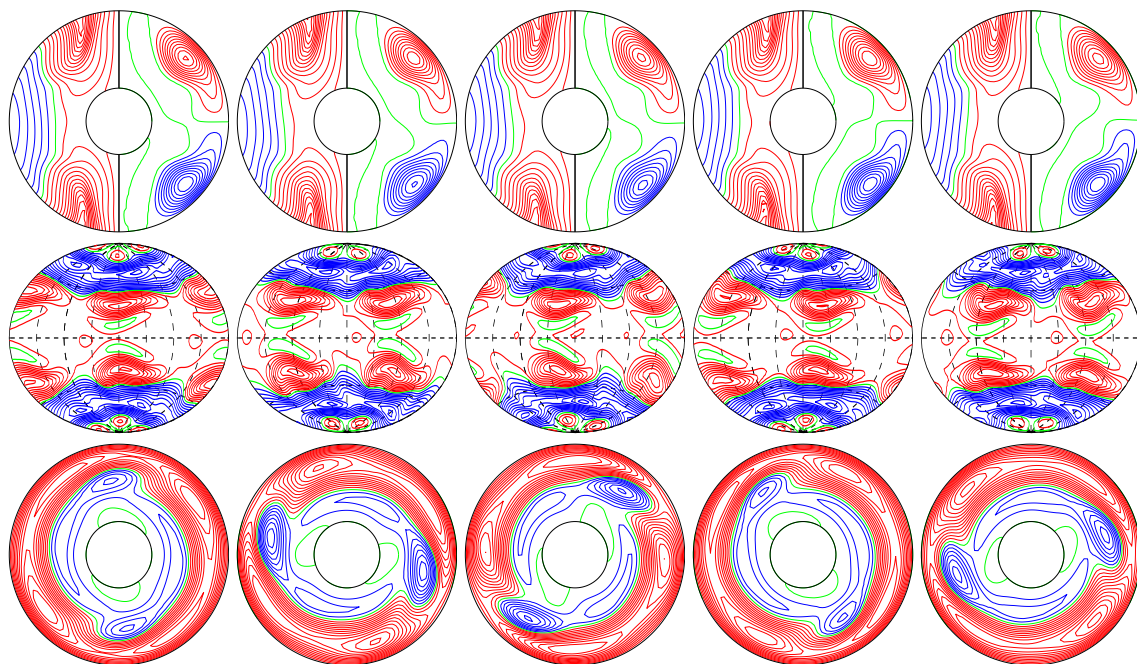


Nusselt Number



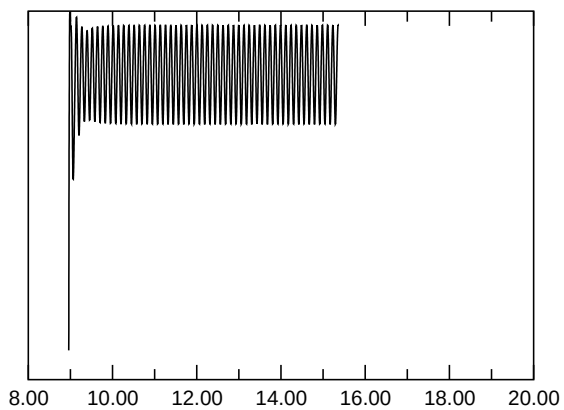
a.e03p1t03r-50000m1n2N2z1.5e5aca.6
times: 10.24001 11.52001 12.80001 14.08001 15.36001

December 1, 2015

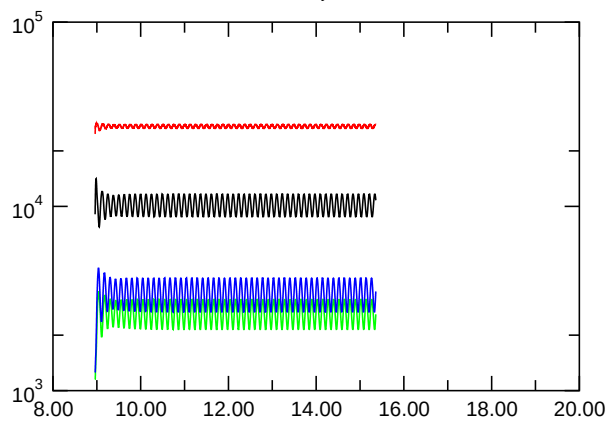


a.e03p1t03r-50000m1n2N2z1.5e5aca

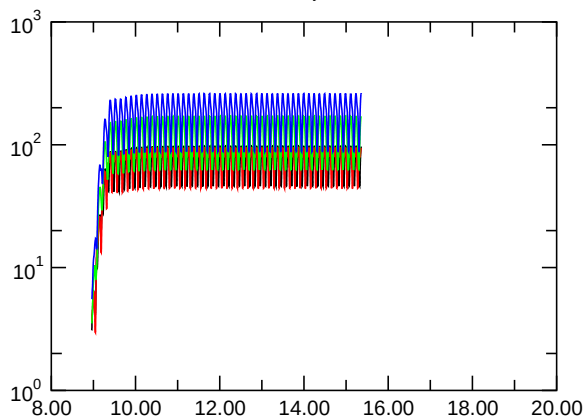
E_{kin}



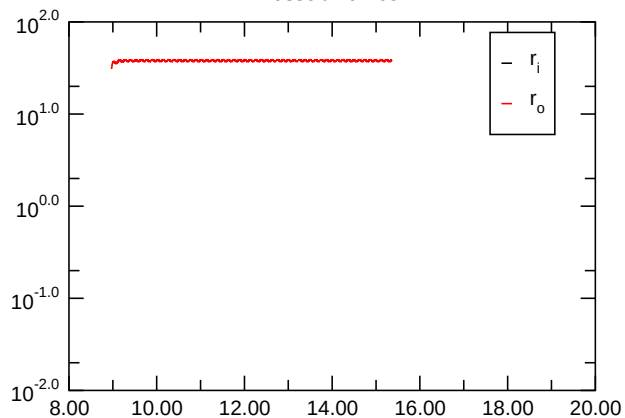
$E_{\text{kin,symm.}}$



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

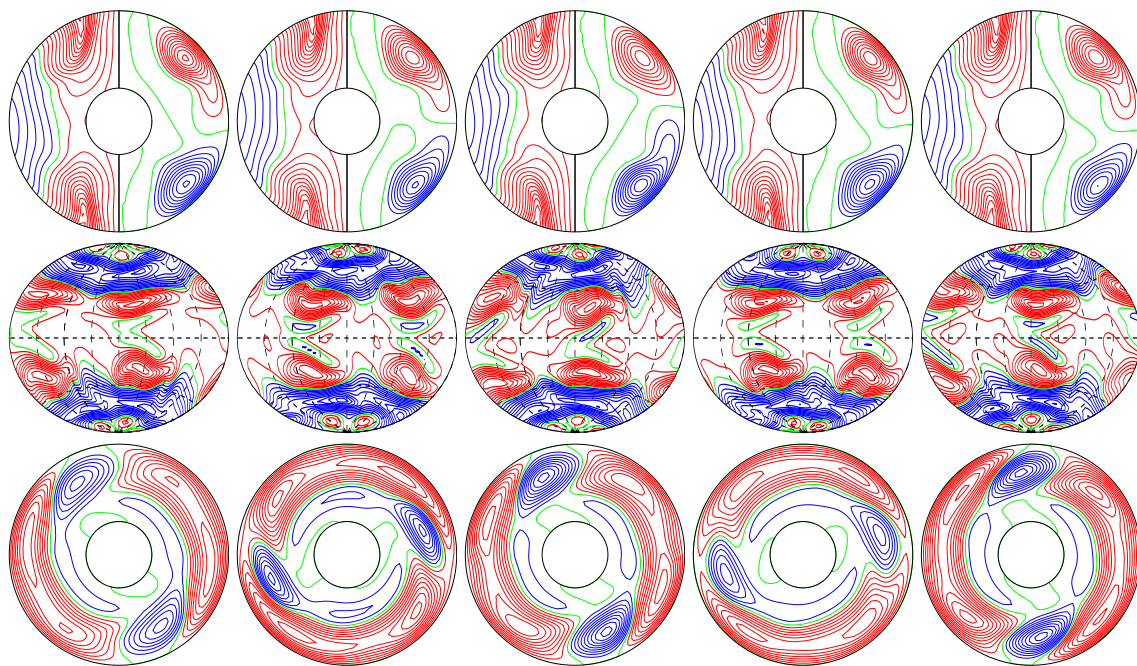


Nusselt Number

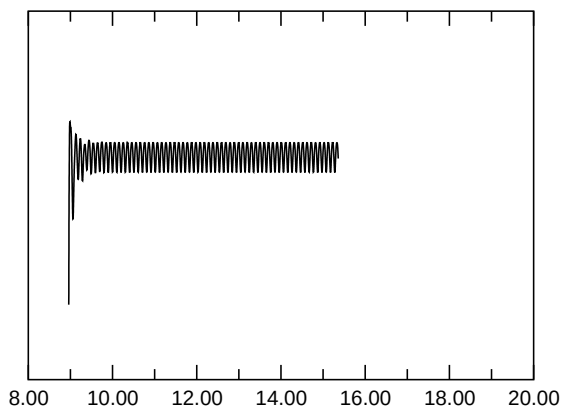


a.e03p1t03r-50000m1n2N2z1.6e5aca.6
times: 10.24001 11.52001 12.80001 14.08001 15.36001

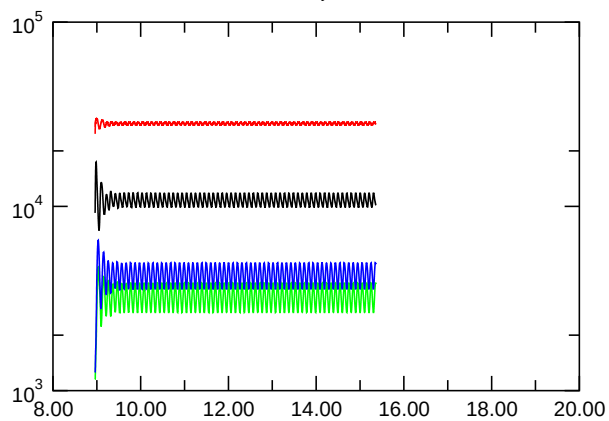
December 1, 2015



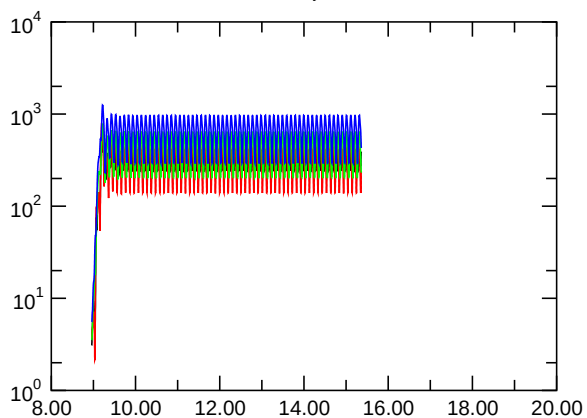
a.e03p1t03r-50000m1n2N2z1.6e5aca
 E_{kin}



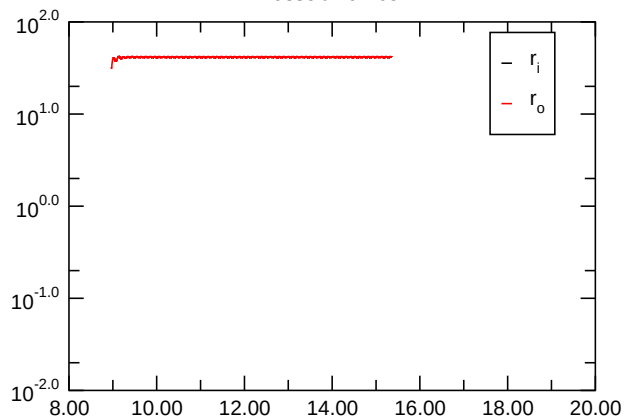
$E_{\text{kin,symm.}}$



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

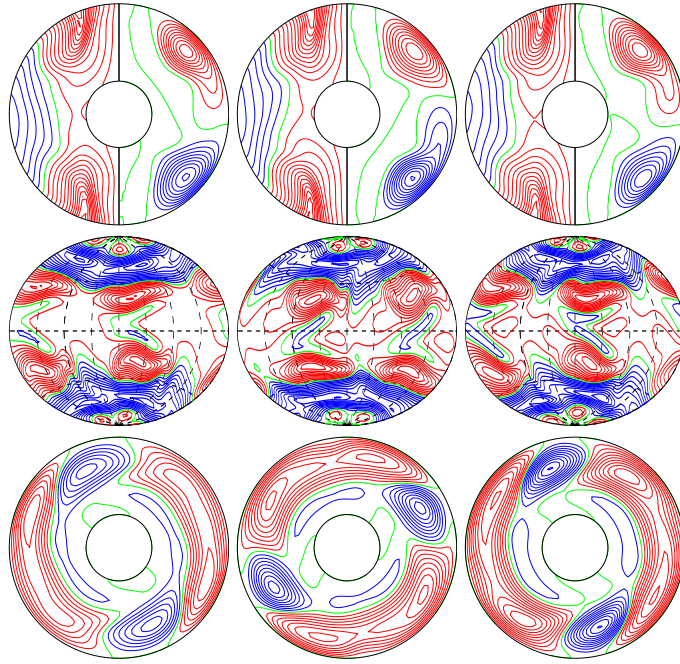


Nusselt Number

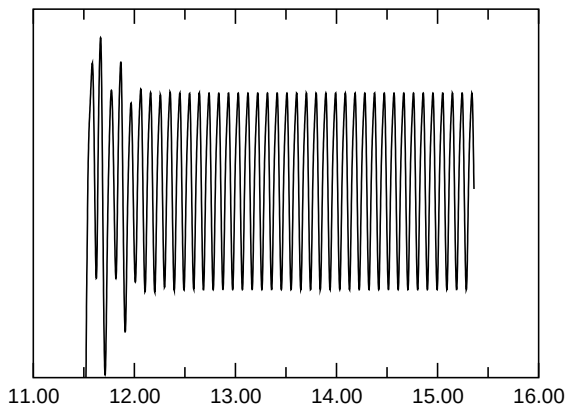


a.e03p1t03r-50000m1n2N2z1.65e5aca.4
times: 12.80001 14.08001 15.36001

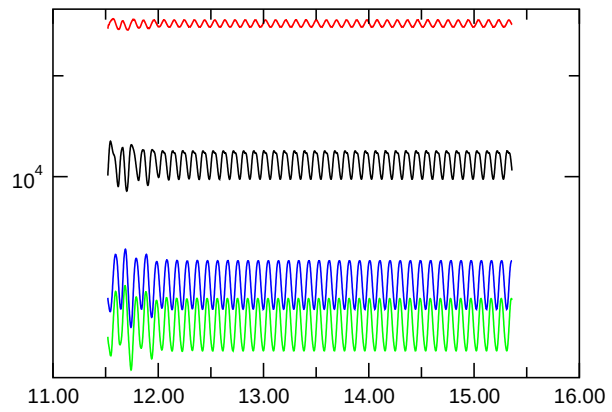
December 1, 2015



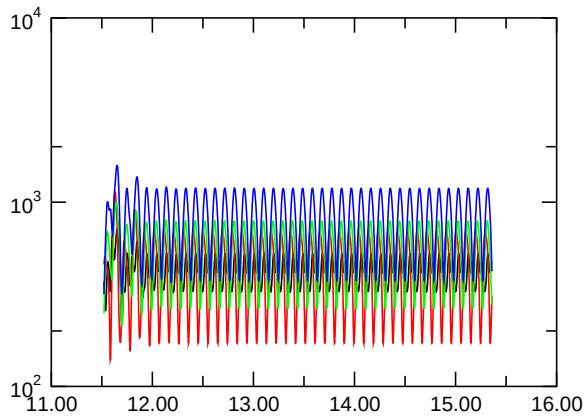
a.e03p1t03r-50000m1n2N2z1.65e5aca
 E_{kin}



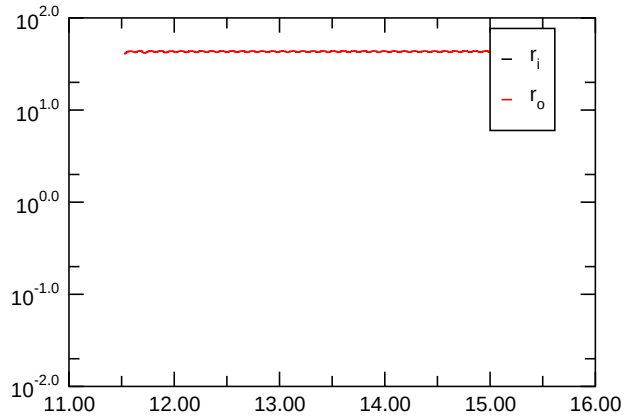
$E_{\text{kin,symm.}}$

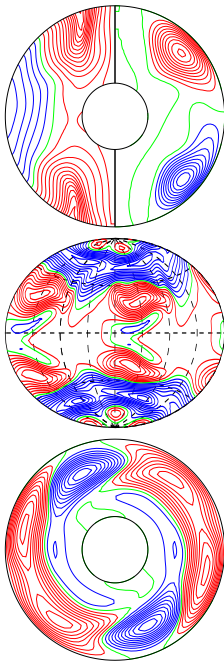


$E_{\text{kin,asymm.}}$

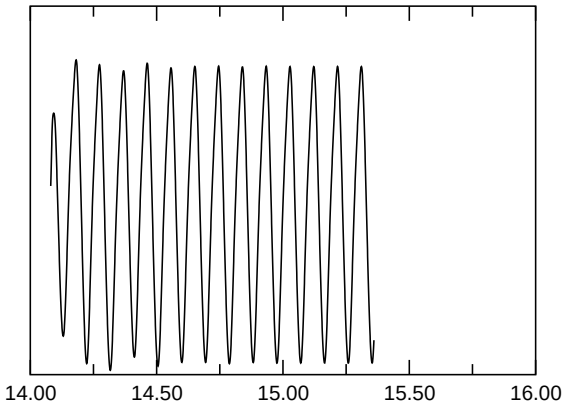


Nusselt Number

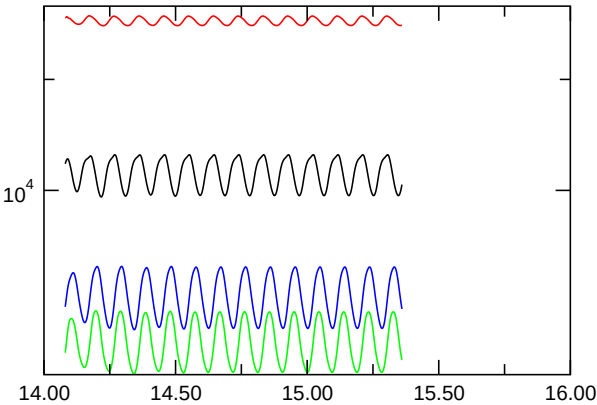




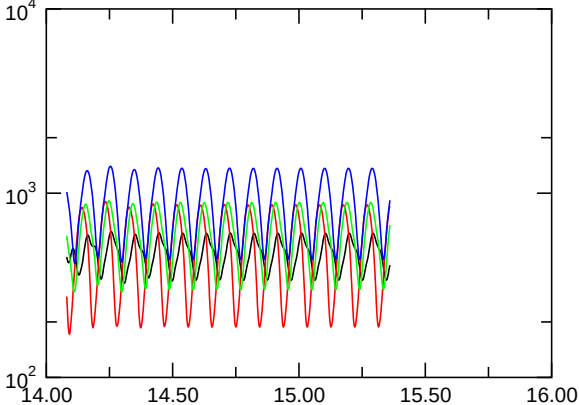
a.e03p1t03r-50000m1n2N2z1.68e5aca
 E_{kin}



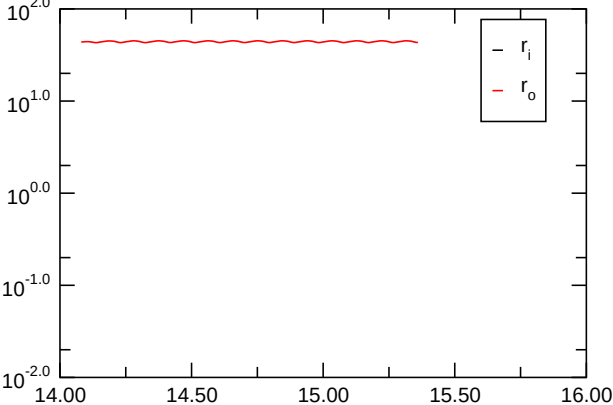
$E_{\text{kin,symm.}}$



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

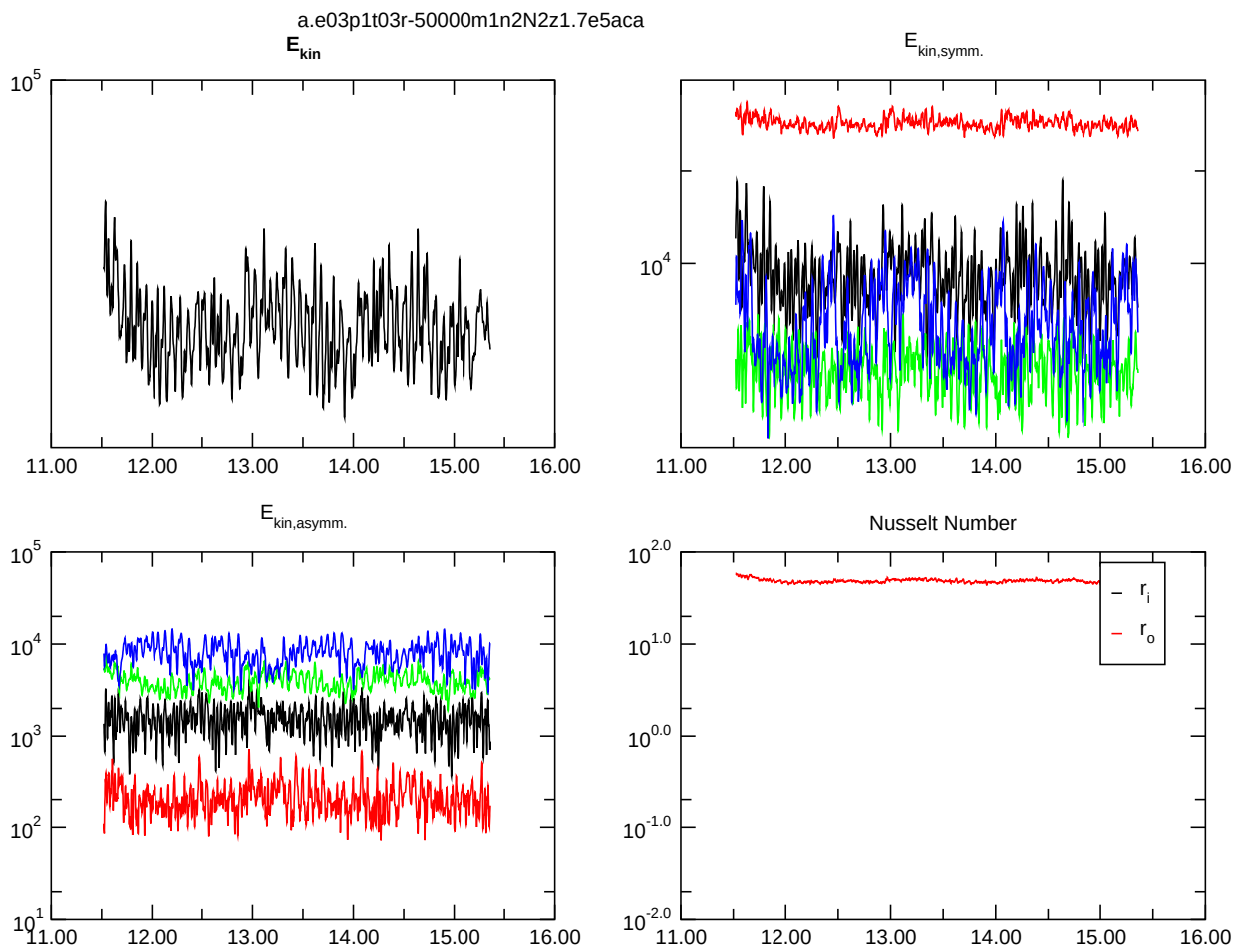
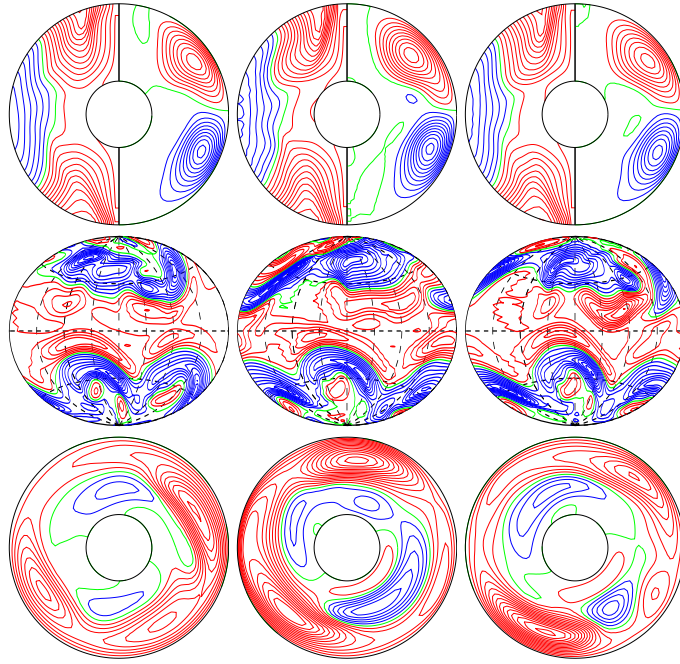


Nusselt Number



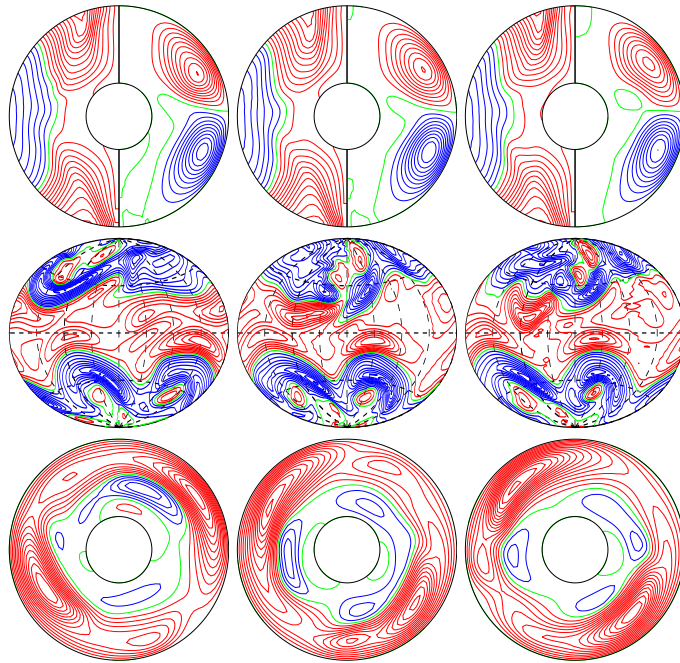
a.e03p1t03r-50000m1n2N2z1.7e5aca.4
times: 12.80001 14.08001 15.36001

December 1, 2015

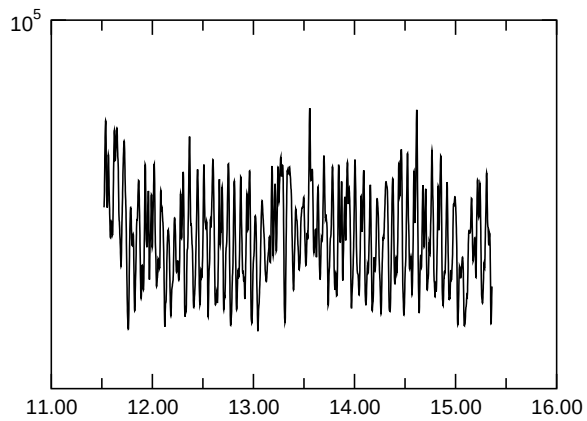


a.e03p1t03r-50000m1n2N2z1.75e5aca.4
times: 12.80001 14.08001 15.36001

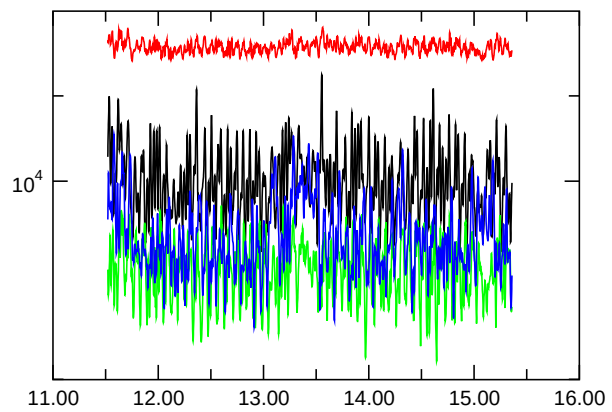
December 1, 2015



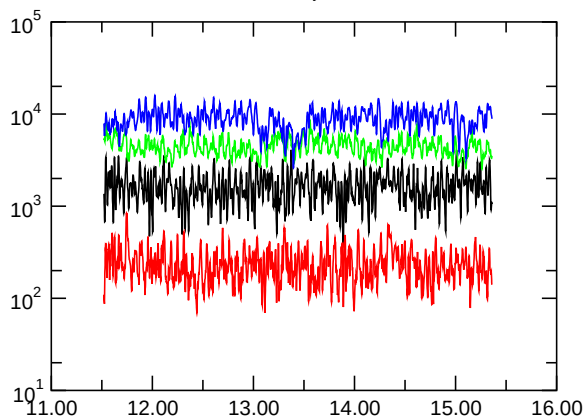
a.e03p1t03r-50000m1n2N2z1.75e5aca
 E_{kin}



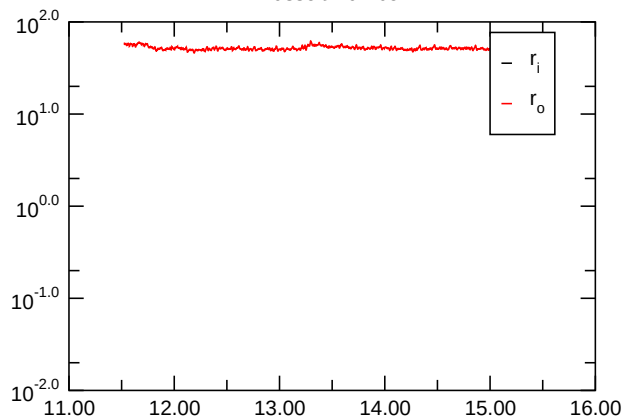
$E_{\text{kin,symm.}}$



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



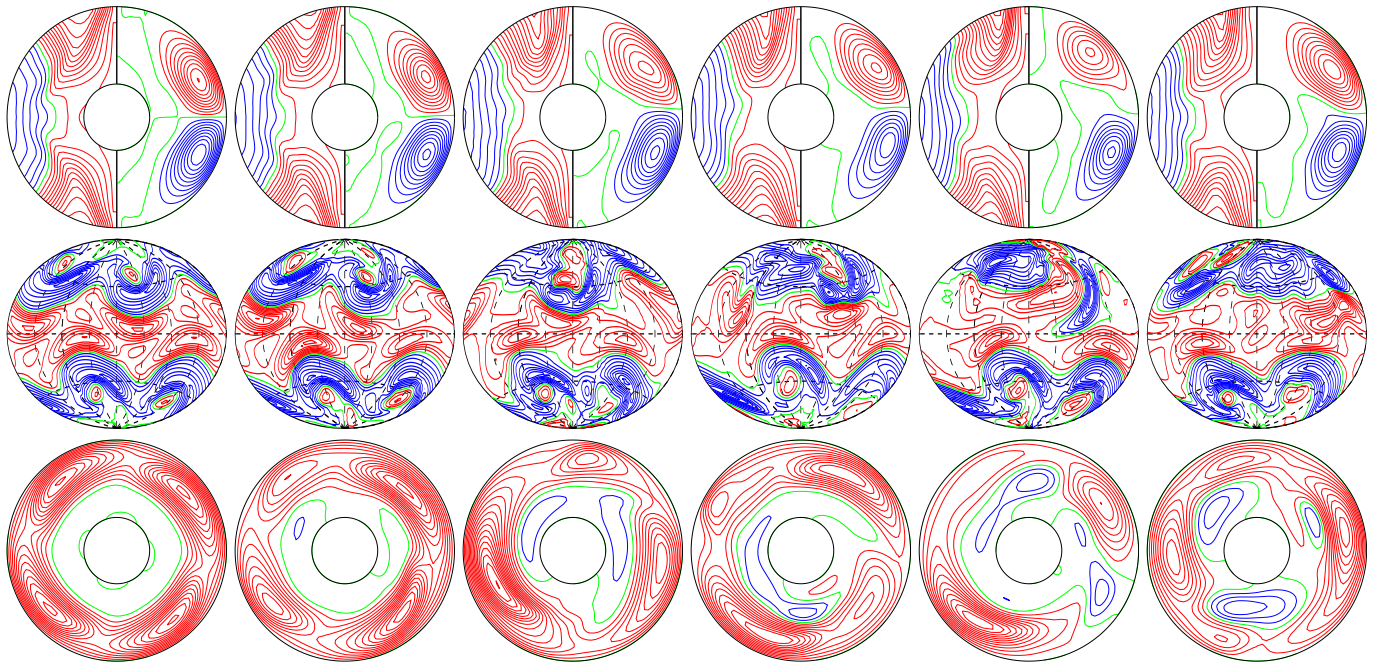
Nusselt Number



a.e03p1t03r-50000m1n2N2z1.8e5ac.8

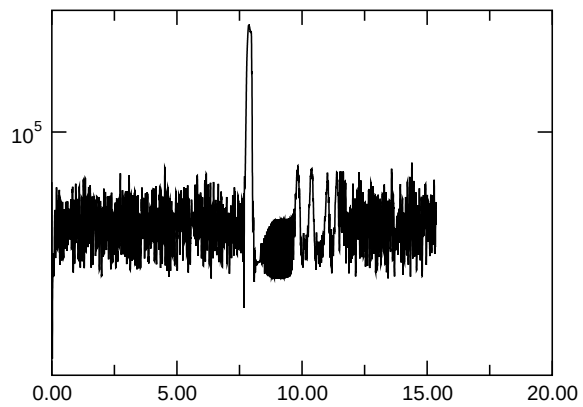
times: 8.960007 10.24001 11.52001 12.80001 14.08001 15.36001

December 1, 2015

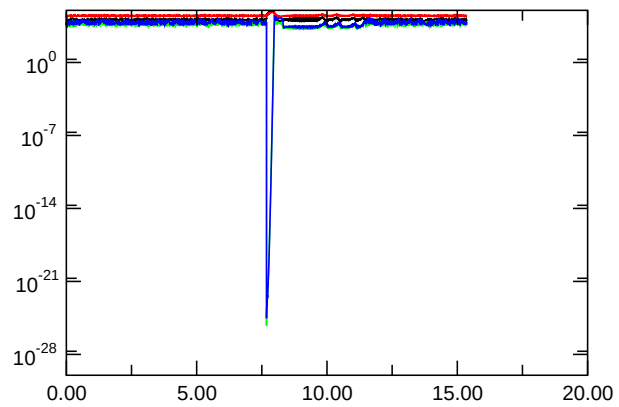


a.e03p1t03r-50000m1n2N2z1.8e5ac

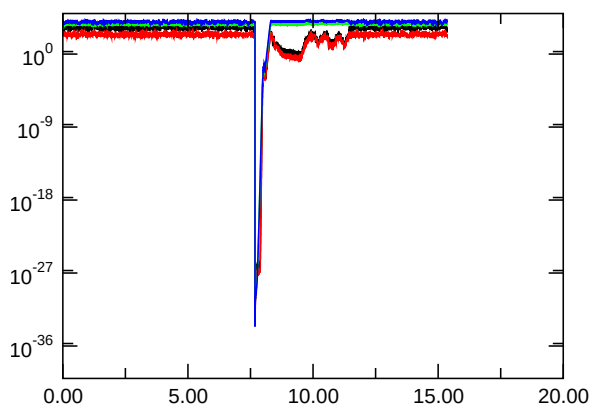
E_{kin}



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



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



Nusselt Number

