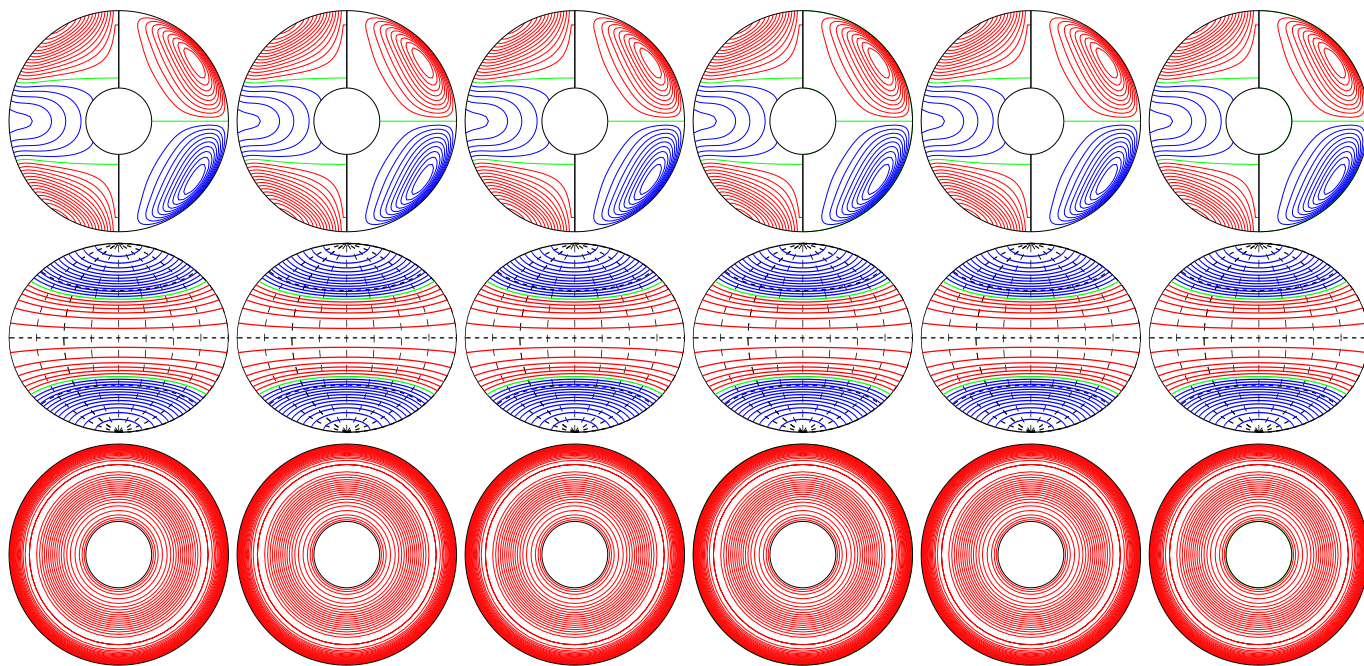
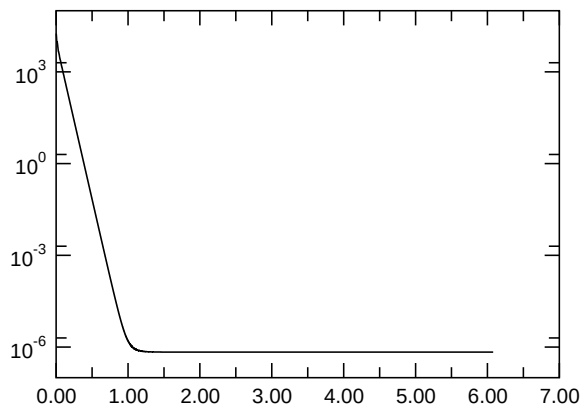


a.e03p1t03r-50000m16n2N2z1.0e0Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

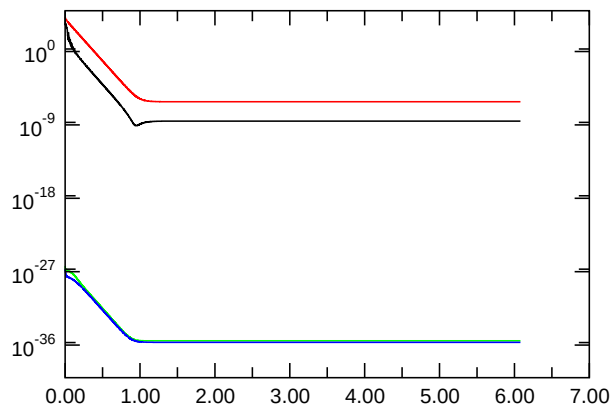
March 19, 2016



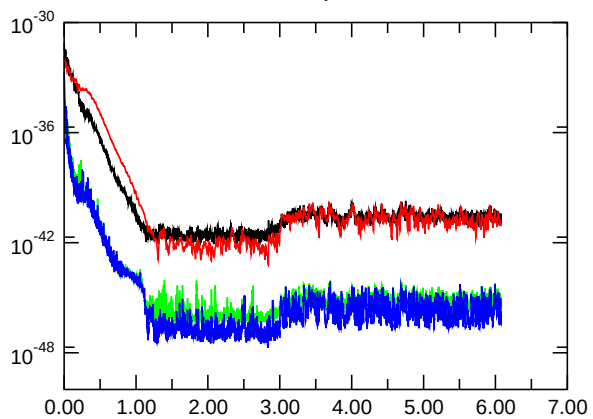
a.e03p1t03r-50000m16n2N2z1.0e0Y
 E_{kin}



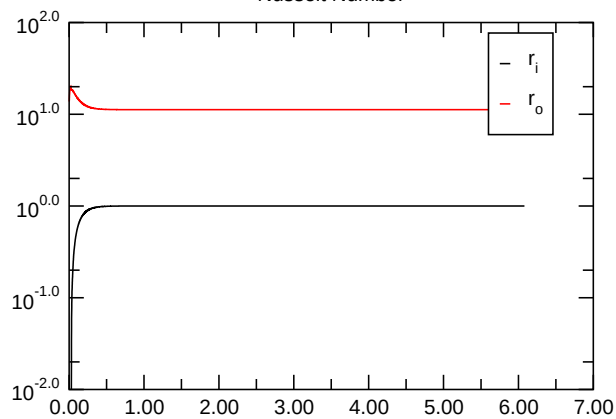
$E_{\text{kin,symm.}}$



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

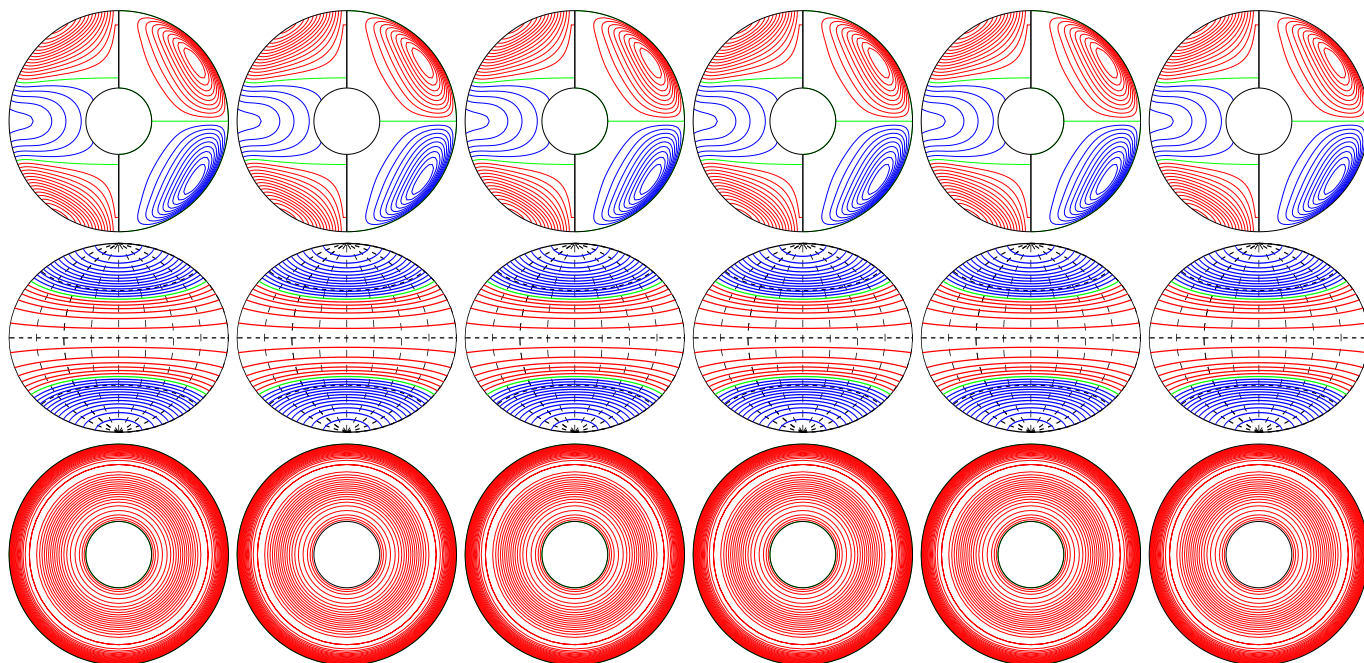


Nusselt Number

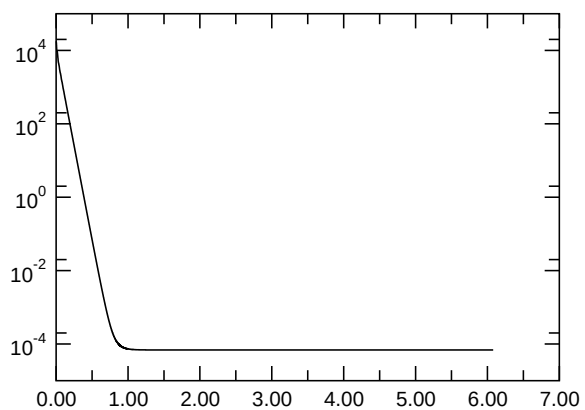


a.e03p1t03r-50000m16n2N2z1.0e1Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

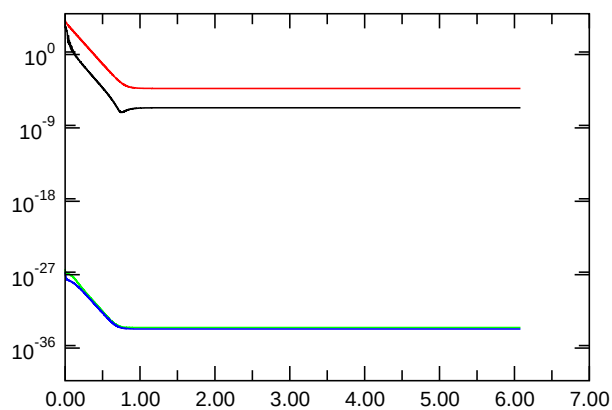
March 19, 2016



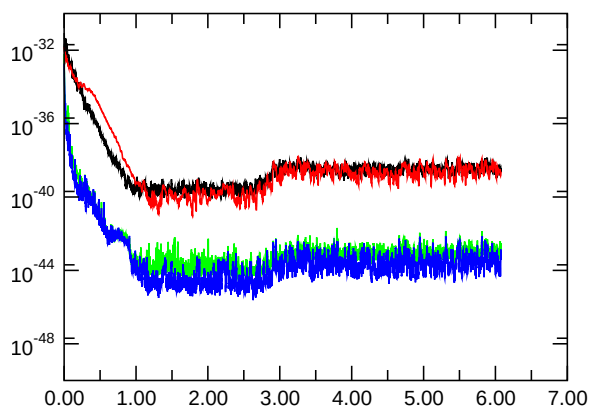
a.e03p1t03r-50000m16n2N2z1.0e1Y
 E_{kin}



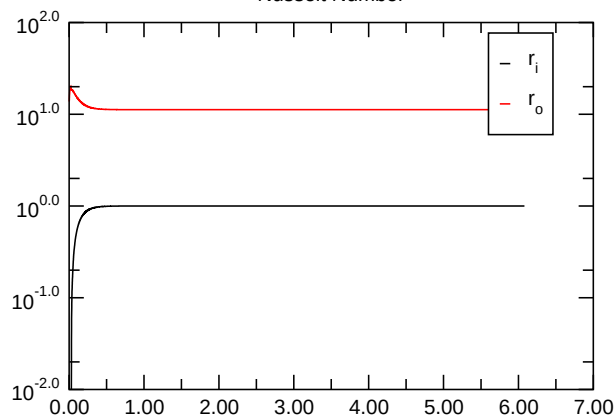
$E_{\text{kin,symm.}}$



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

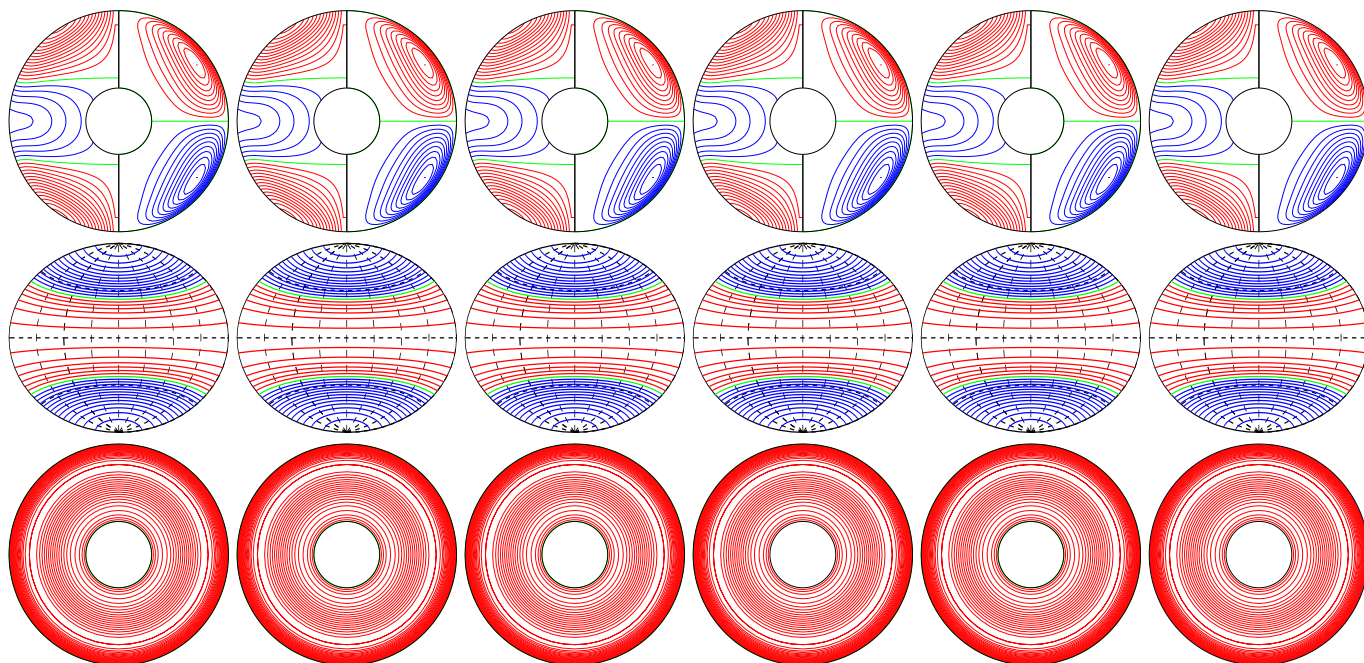


Nusselt Number

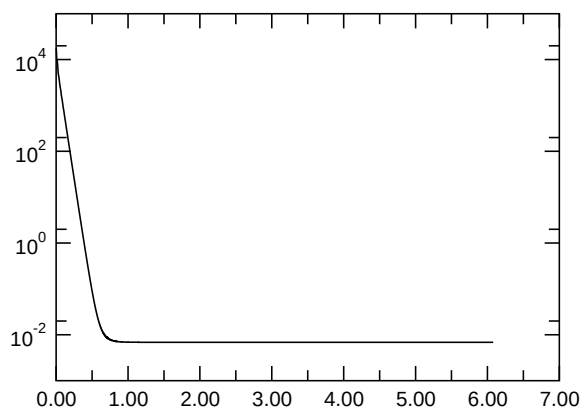


a.e03p1t03r-50000m16n2N2z1.0e2Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

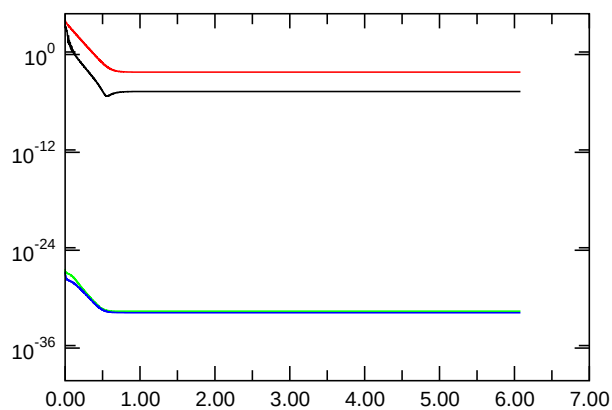
March 19, 2016



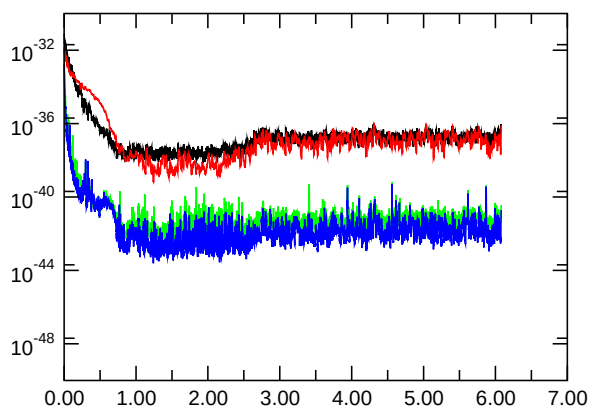
a.e03p1t03r-50000m16n2N2z1.0e2Y
 E_{kin}



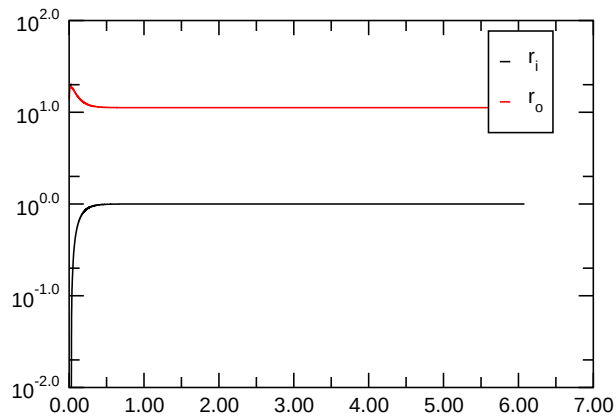
$E_{\text{kin,symm.}}$



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

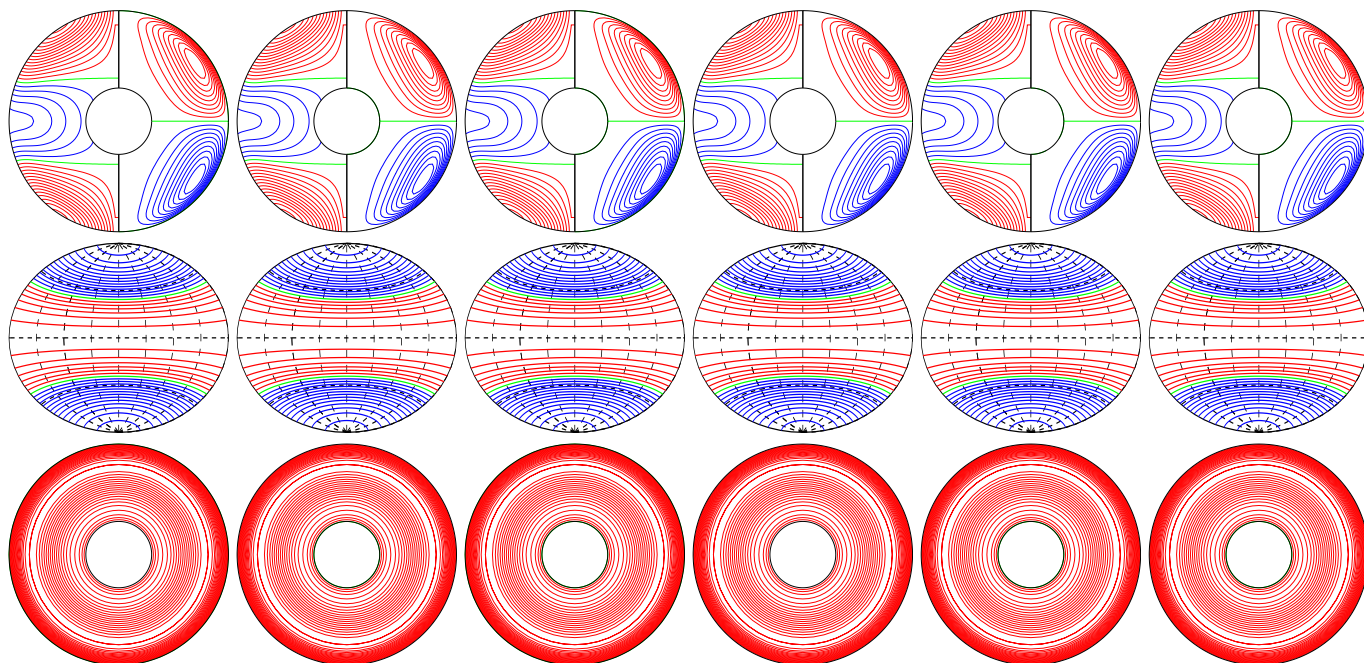


Nusselt Number

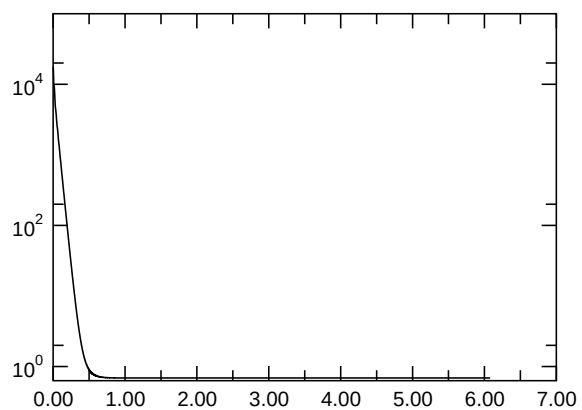


a.e03p1t03r-50000m16n2N2z1.0e3Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

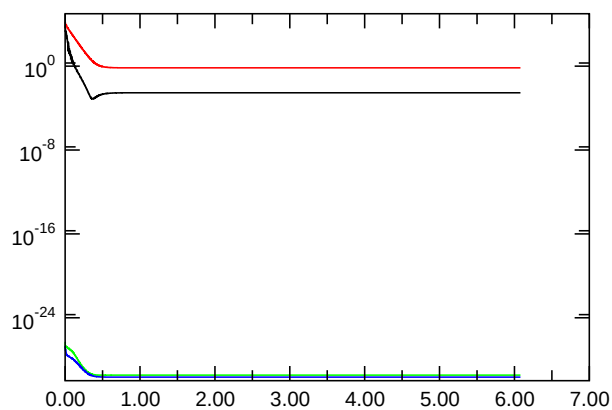
March 19, 2016



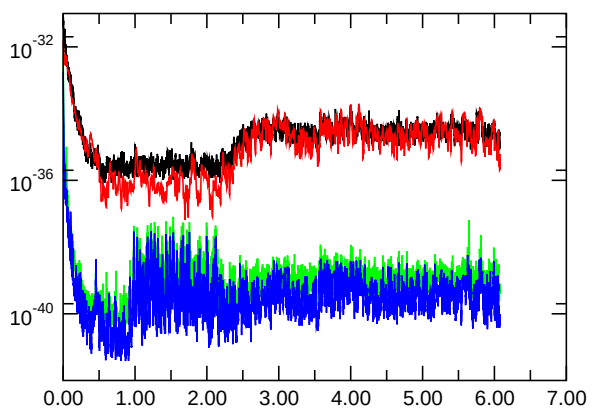
a.e03p1t03r-50000m16n2N2z1.0e3Y
 E_{kin}



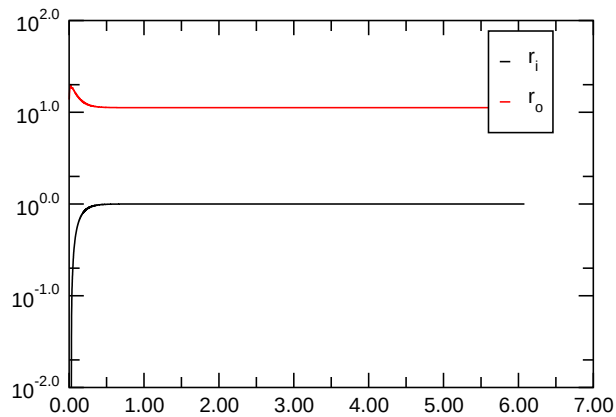
$E_{\text{kin,symm.}}$



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

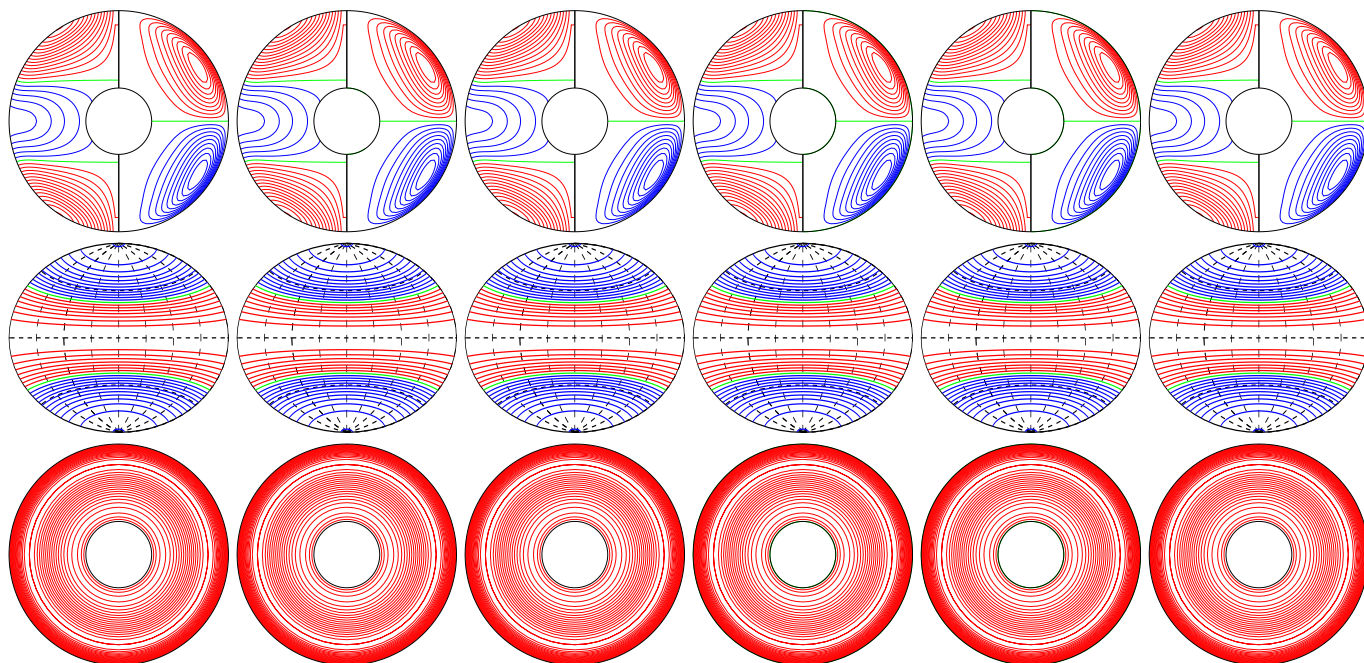


Nusselt Number

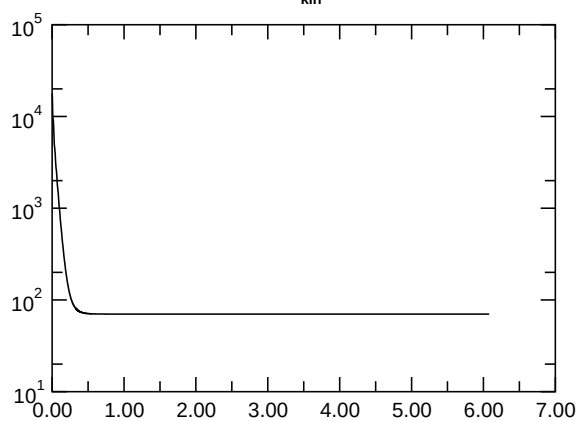


a.e03p1t03r-50000m16n2N2z1.0e4Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

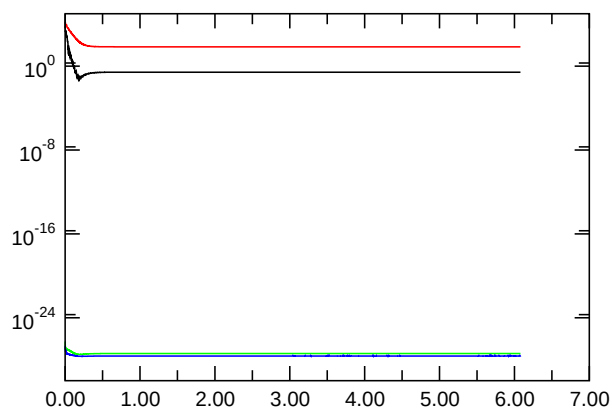
March 19, 2016



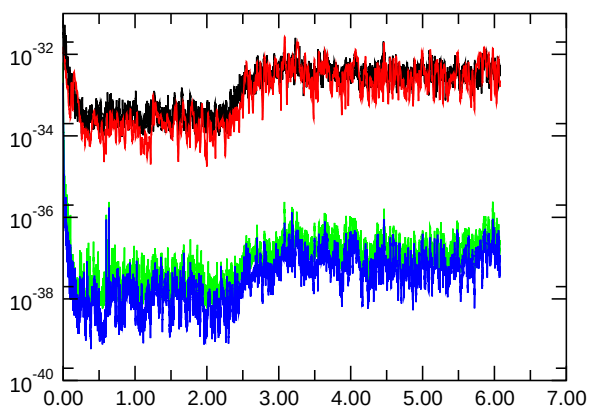
a.e03p1t03r-50000m16n2N2z1.0e4Y
 E_{kin}



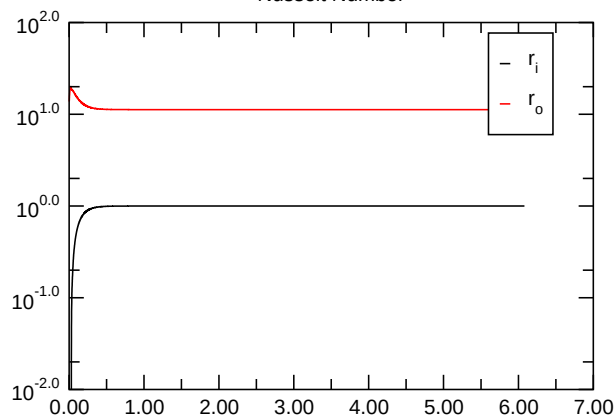
$E_{\text{kin,symm.}}$



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

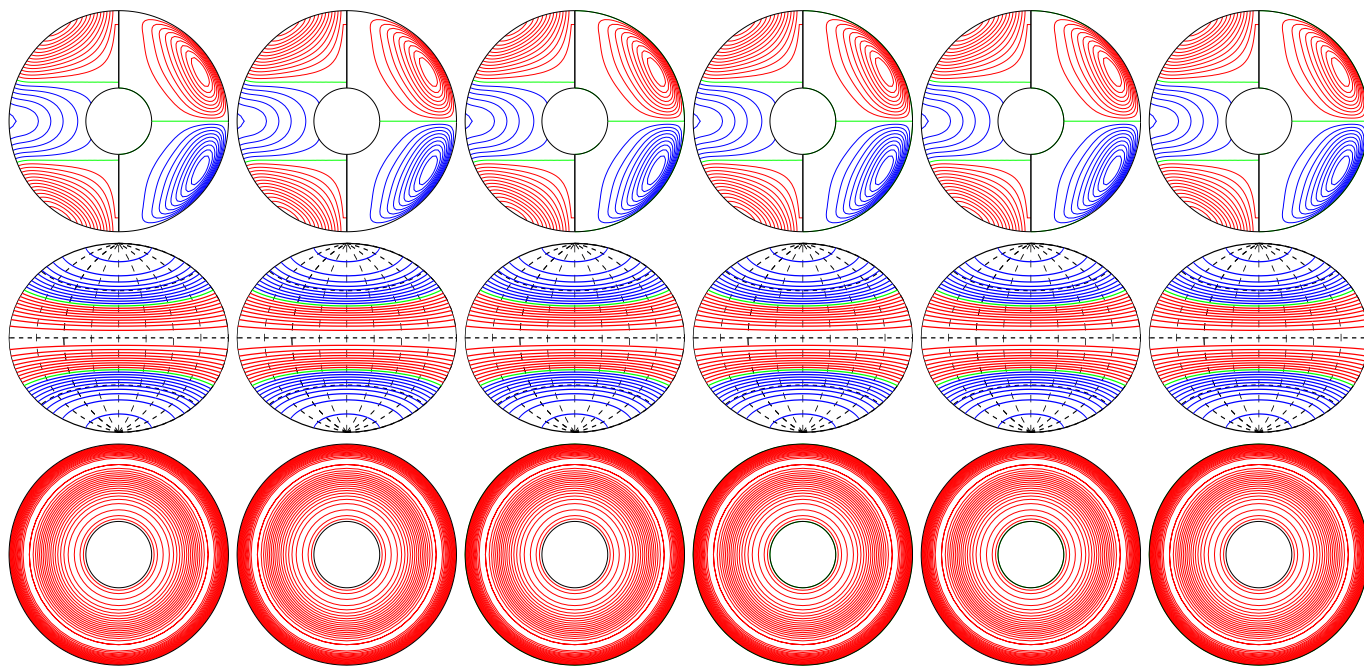


Nusselt Number



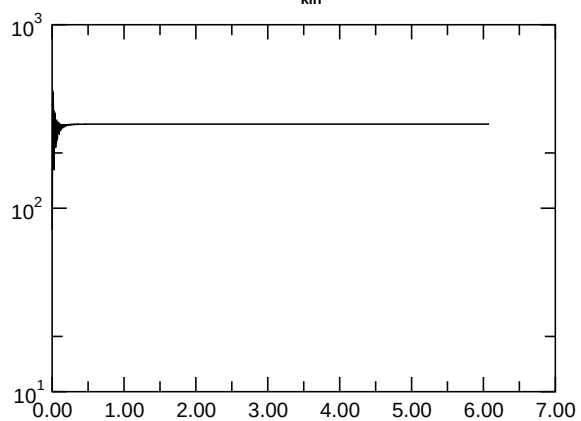
a.e03p1t03r-50000m16n2N2z2.0e4Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

March 19, 2016

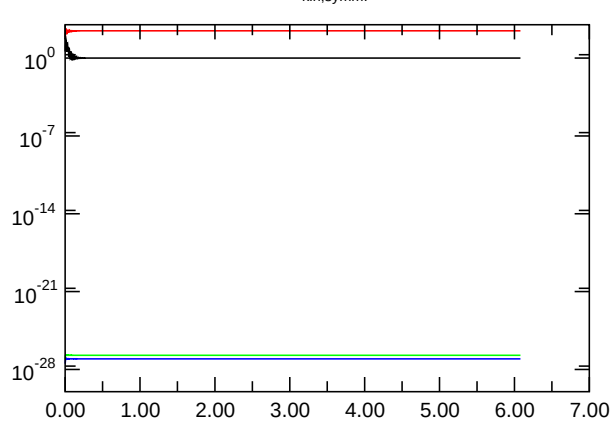


a.e03p1t03r-50000m16n2N2z2.0e4Y

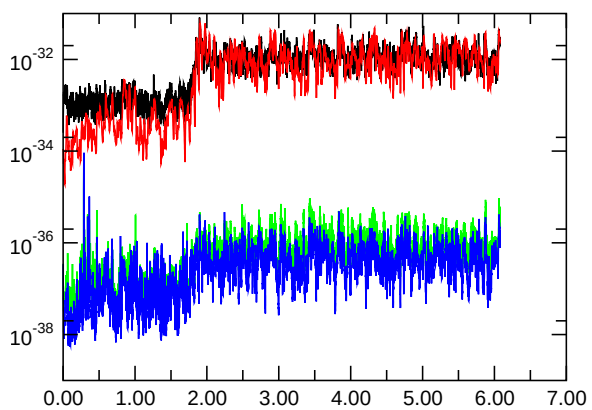
E_{kin}



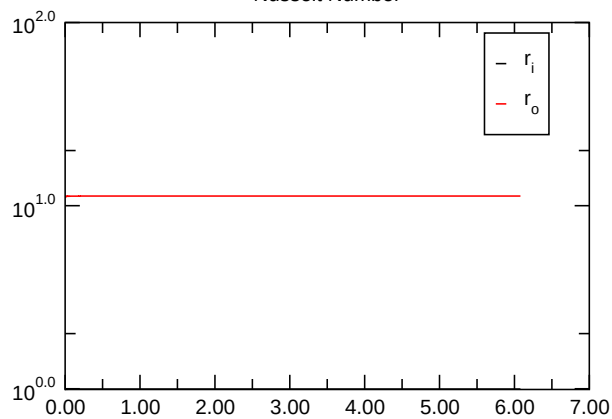
$E_{\text{kin,symm.}}$



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

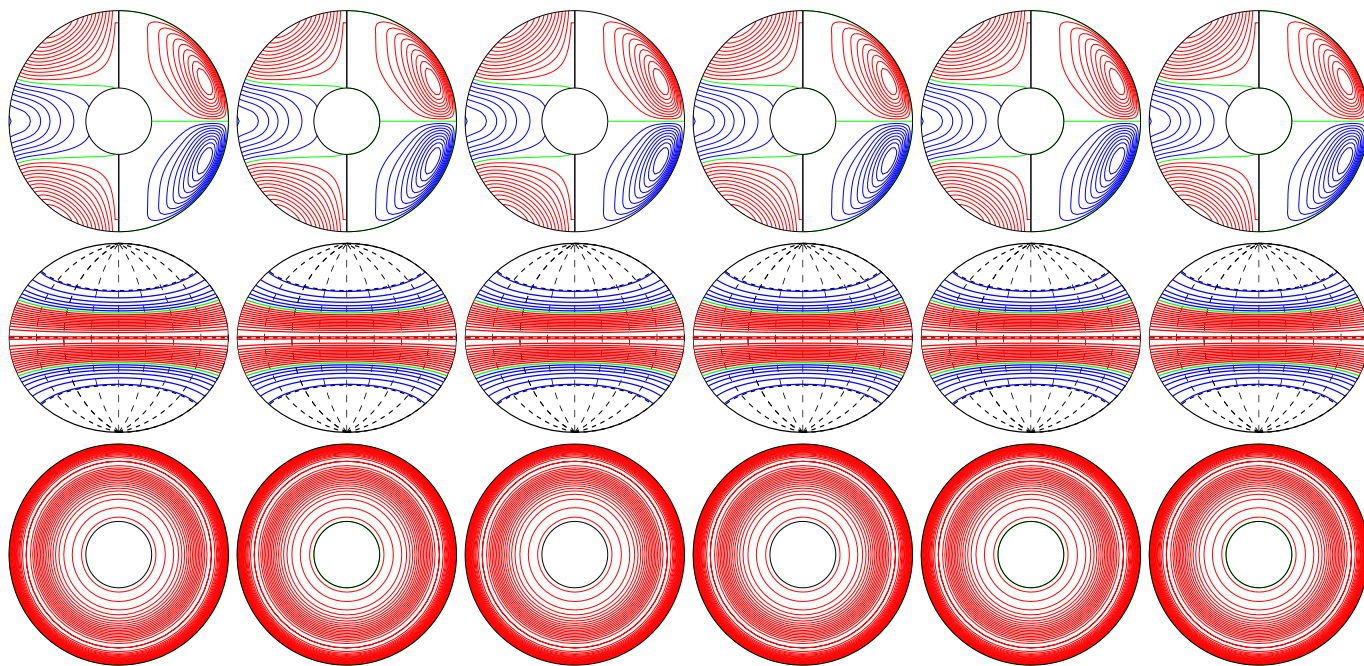


Nusselt Number



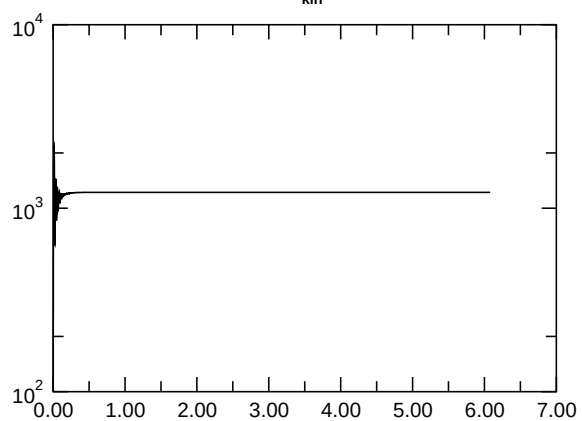
a.e03p1t03r-50000m16n2N2z4.0e4Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

March 19, 2016

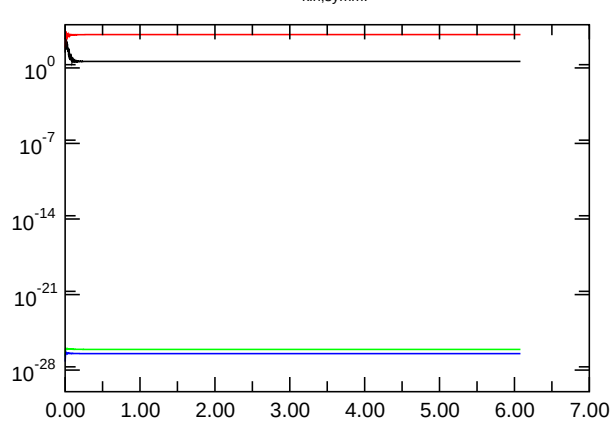


a.e03p1t03r-50000m16n2N2z4.0e4Y

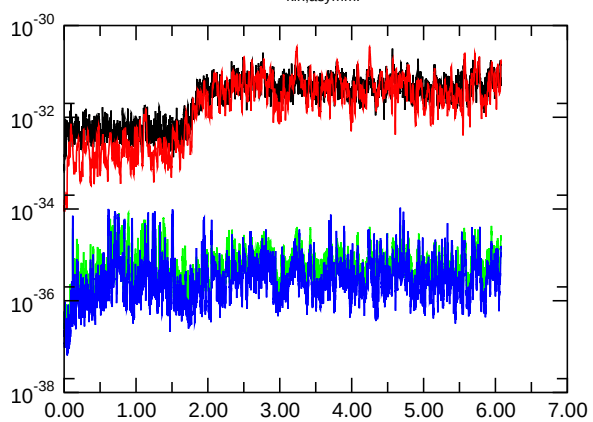
E_{kin}



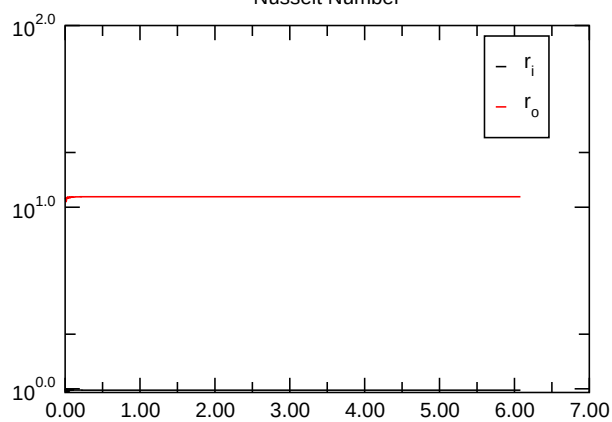
$E_{\text{kin,symm.}}$



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

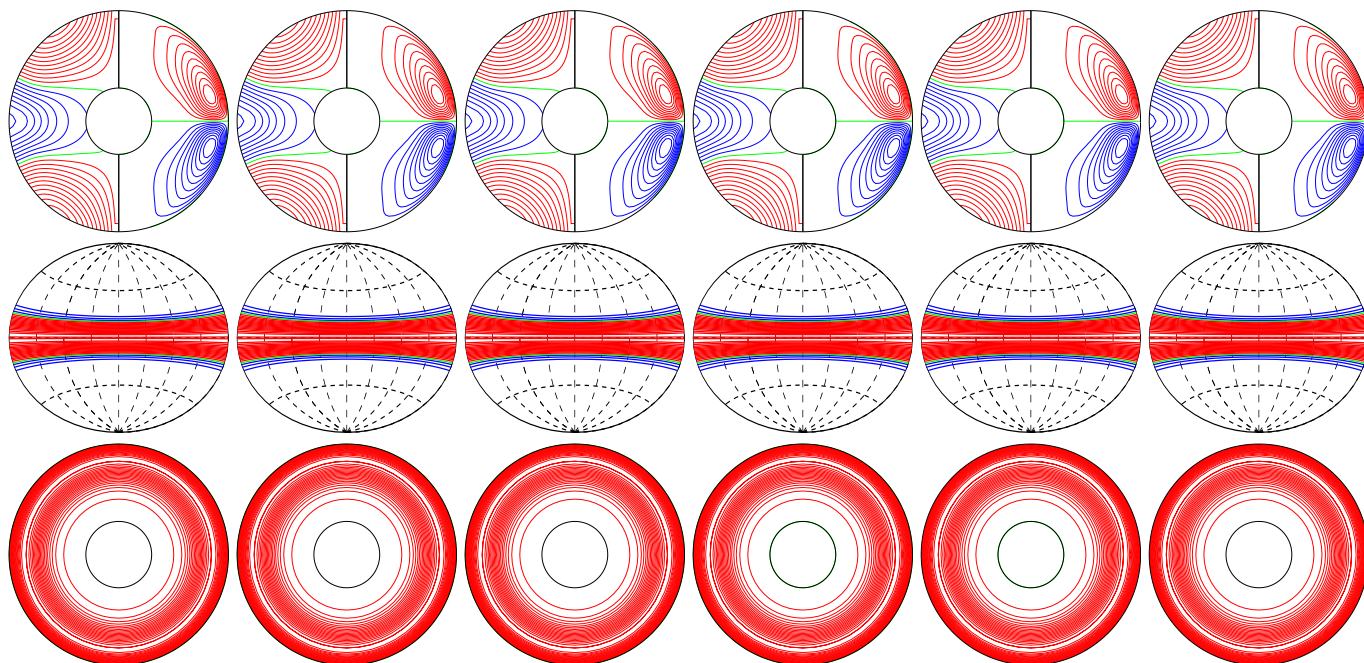


Nusselt Number



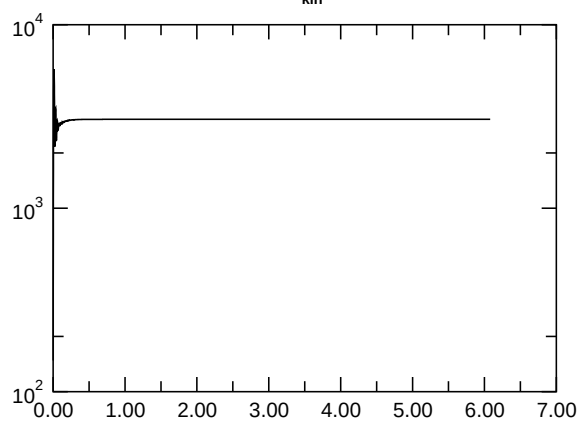
a.e03p1t03r-50000m16n2N2z6.0e4Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

March 19, 2016

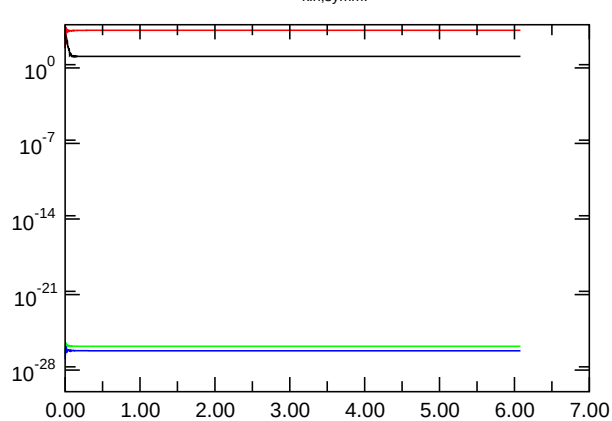


a.e03p1t03r-50000m16n2N2z6.0e4Y

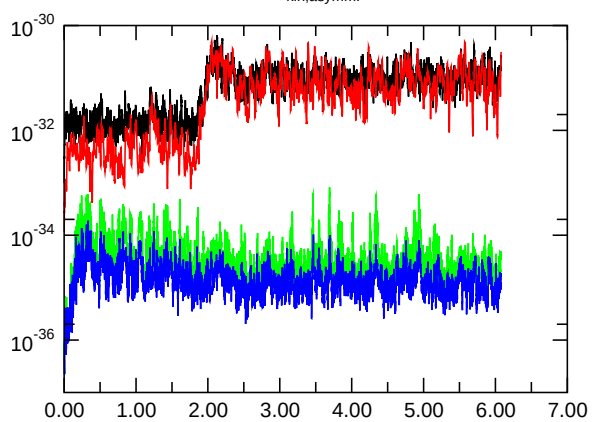
E_{kin}



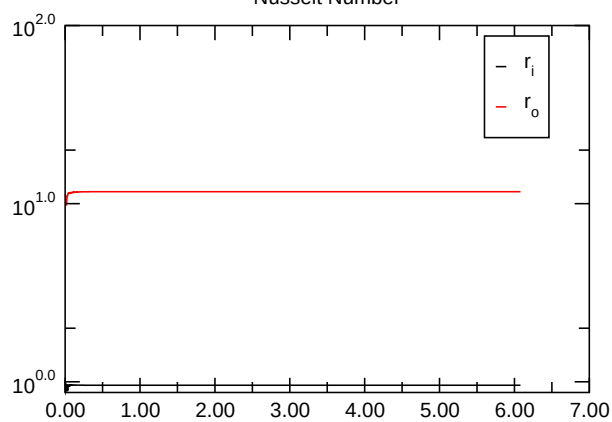
$E_{\text{kin,symm.}}$



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



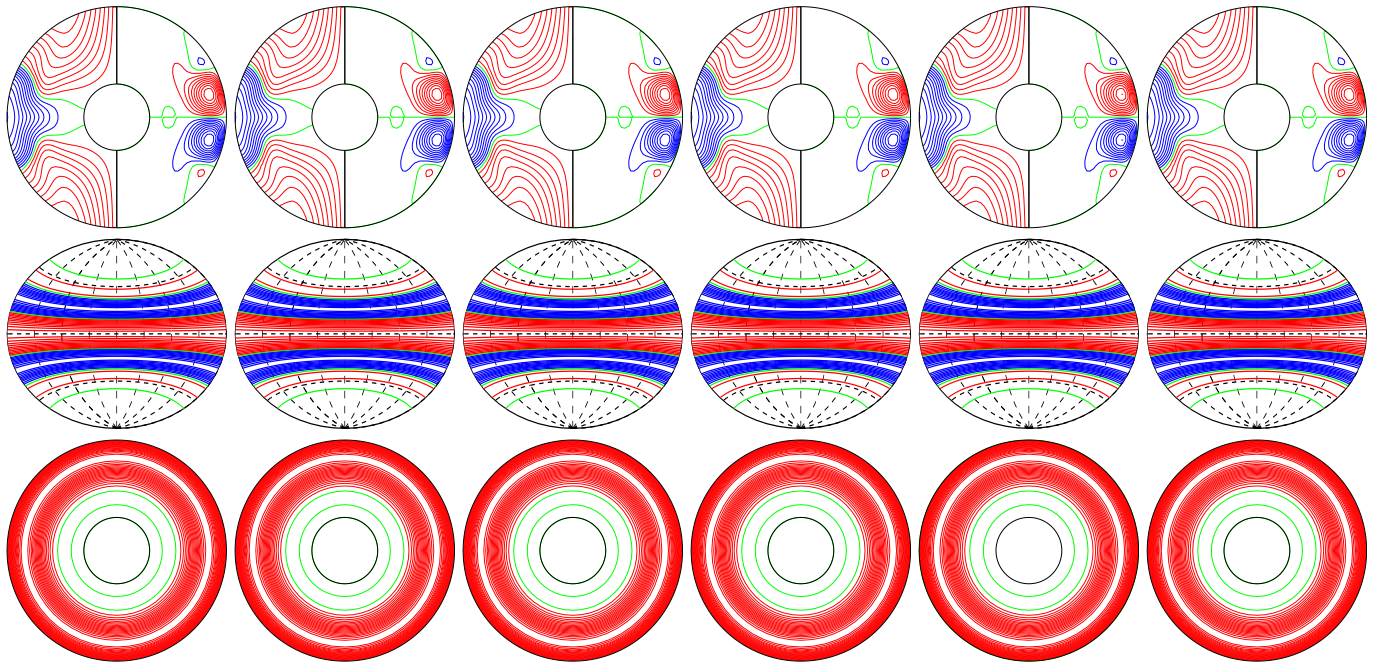
Nusselt Number



a.e03p1t03r-50000m16n2N2z8.0e4Y.20

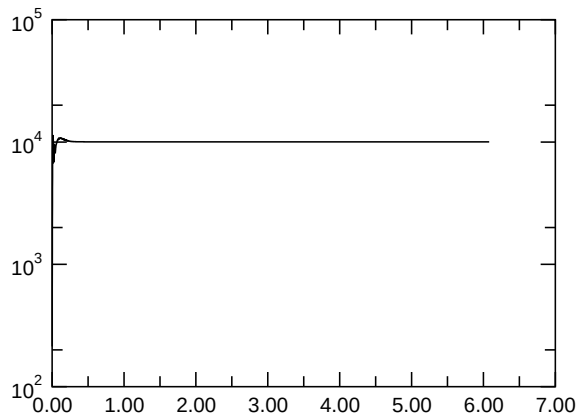
March 19, 2016

times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

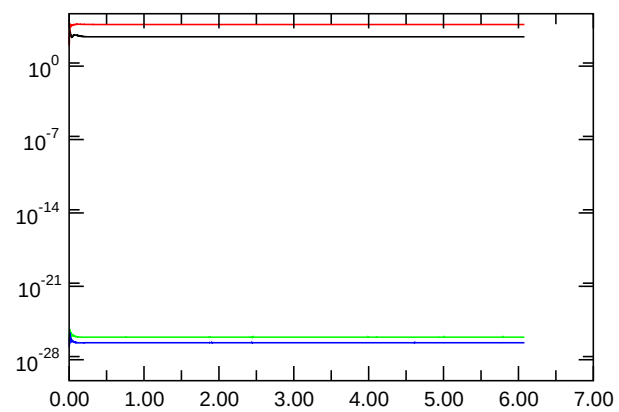


a.e03p1t03r-50000m16n2N2z8.0e4Y

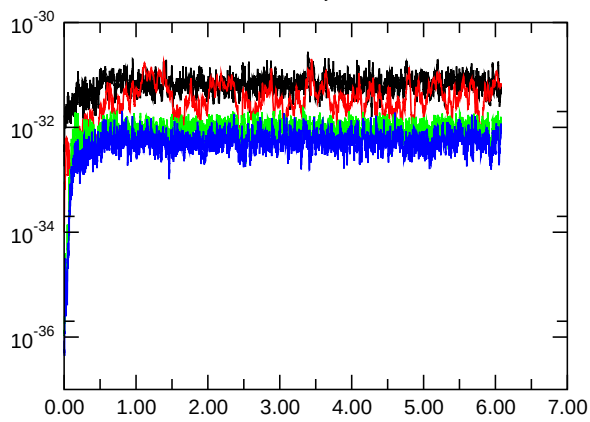
E_{kin}



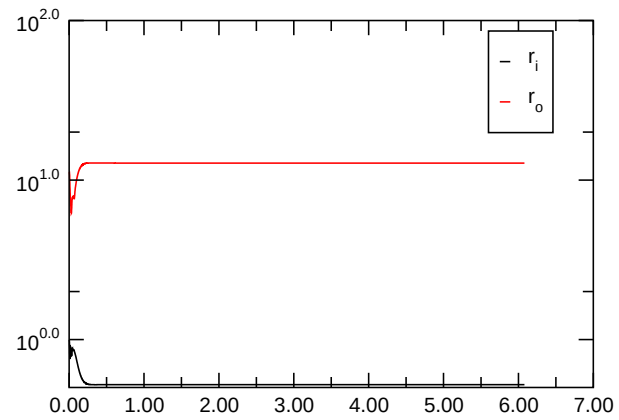
$E_{\text{kin,symm.}}$



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

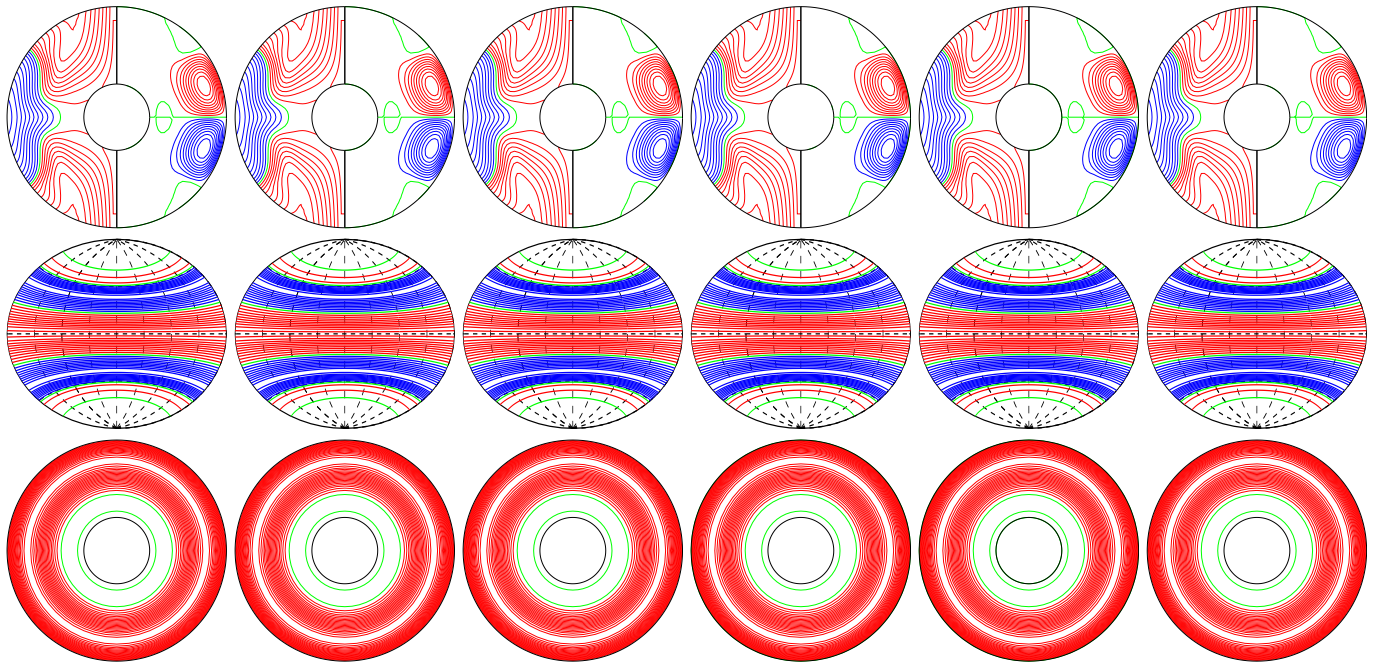


Nusselt Number



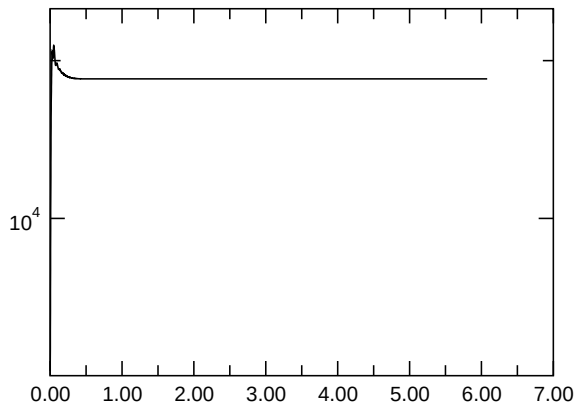
a.e03p1t03r-50000m16n2N2z1.0e5test05.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

March 19, 2016

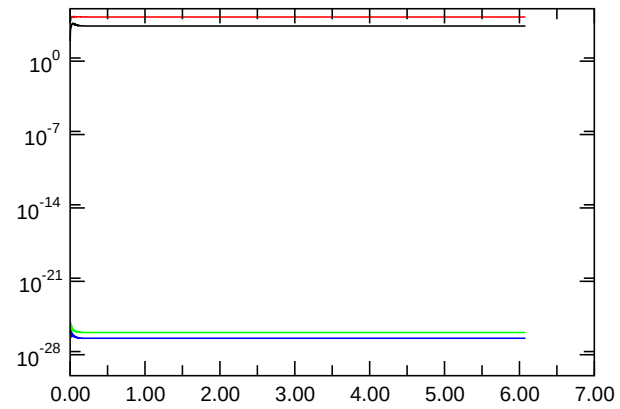


a.e03p1t03r-50000m16n2N2z1.0e5test05

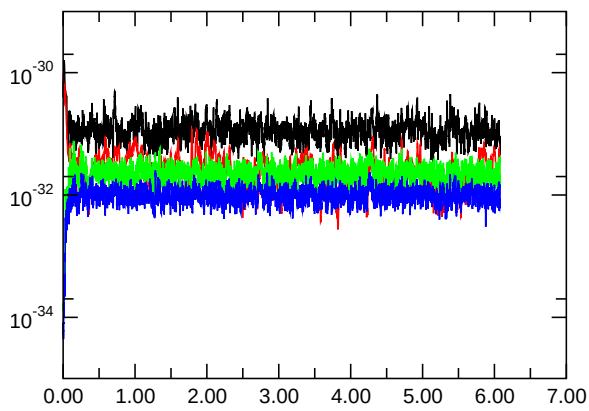
E_{kin}



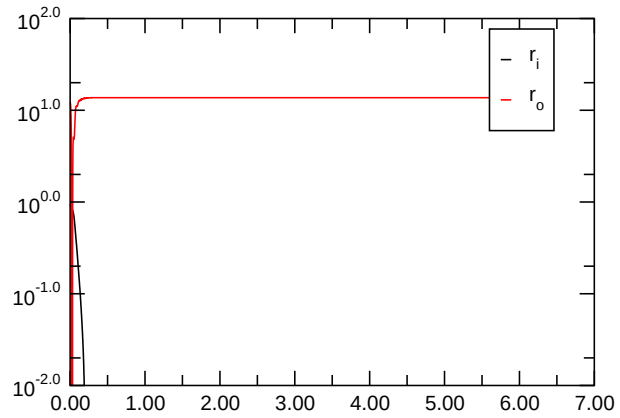
$E_{\text{kin,symm.}}$



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

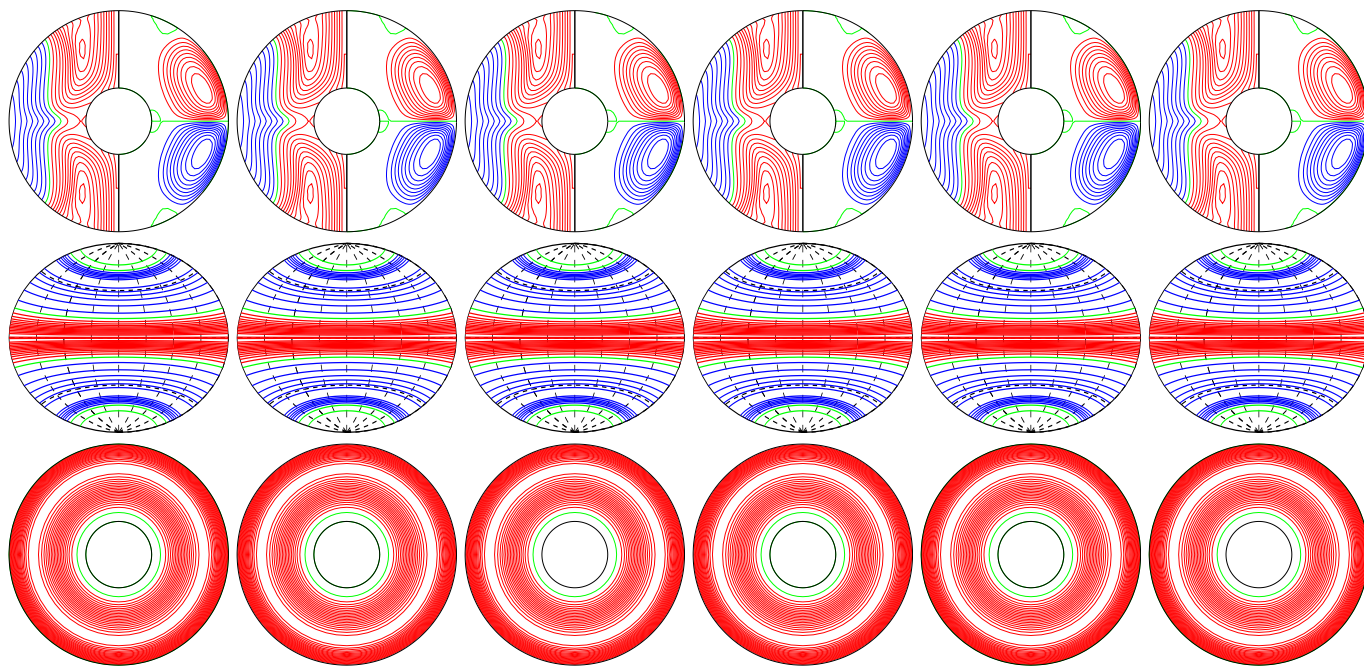


Nusselt Number



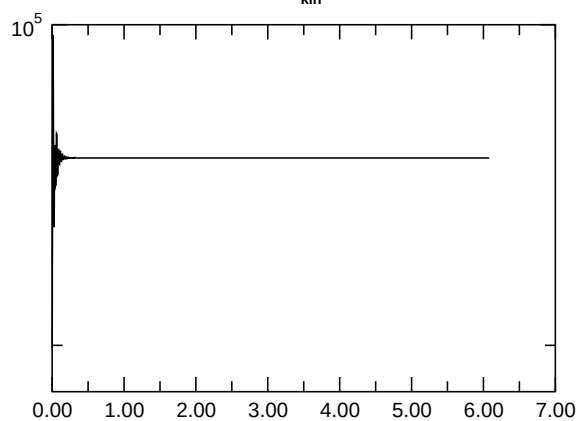
a.e03p1t03r-50000m16n2N2z2.0e5Y.20
times: 4.480013 4.800014 5.120015 5.440016 5.760017 6.080018

March 19, 2016

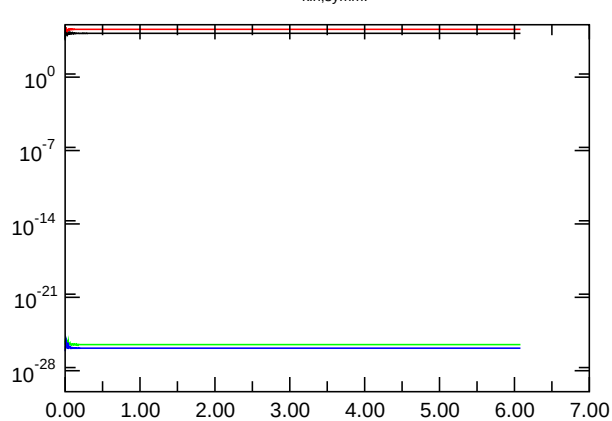


a.e03p1t03r-50000m16n2N2z2.0e5Y

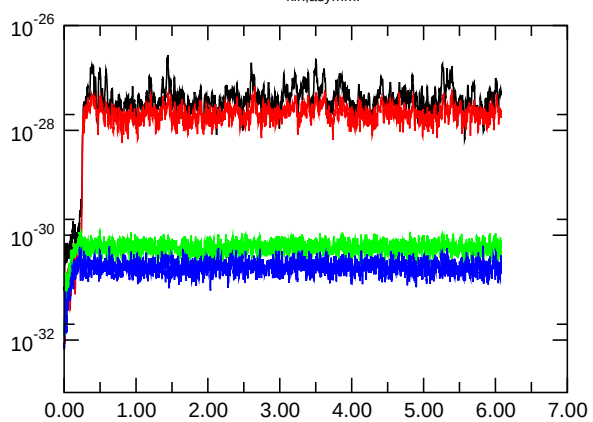
E_{kin}



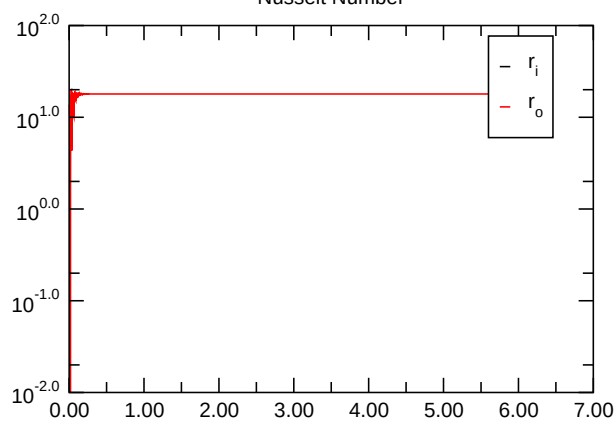
$E_{\text{kin,symm.}}$



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

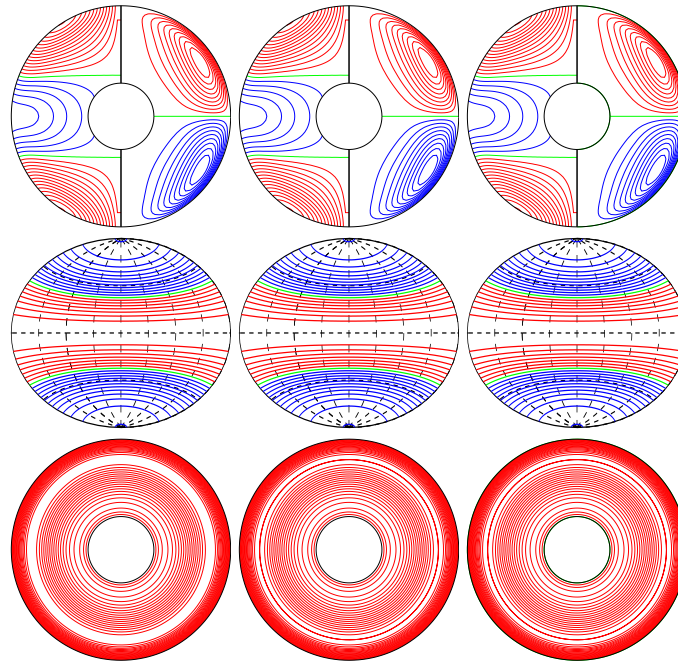


Nusselt Number

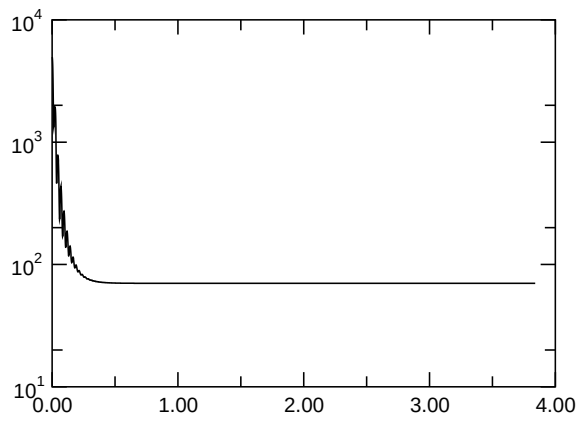


a.e03p1t03r-50000m1n2N2z1.0e4Y.4
times: 1.280001 2.560002 3.840003

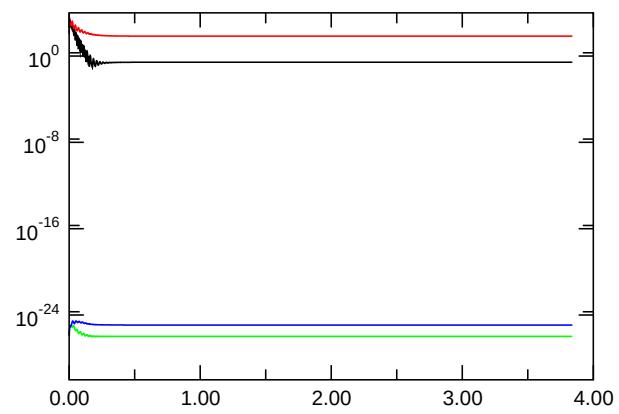
March 19, 2016



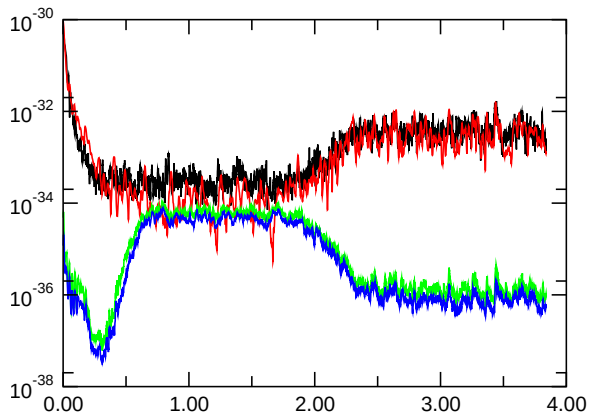
a.e03p1t03r-50000m1n2N2z1.0e4Y
 E_{kin}



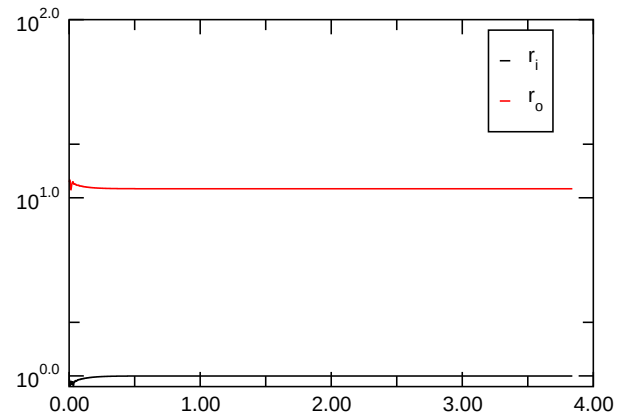
$E_{\text{kin,symm.}}$



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

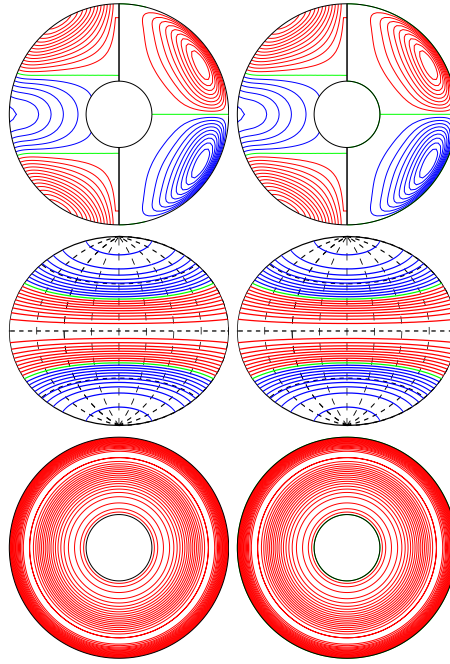


Nusselt Number

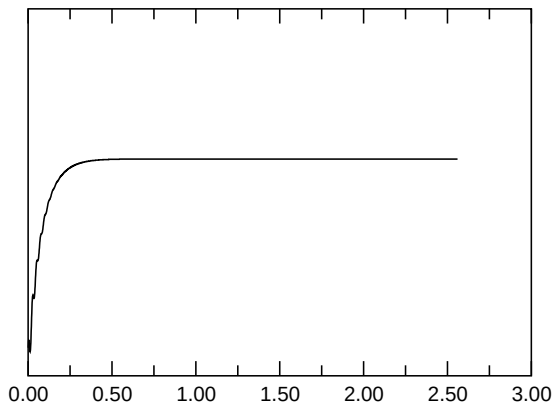


a.e03p1t03r-50000m1n2N2z2.0e4Y.3
times: 1.280001 2.560002

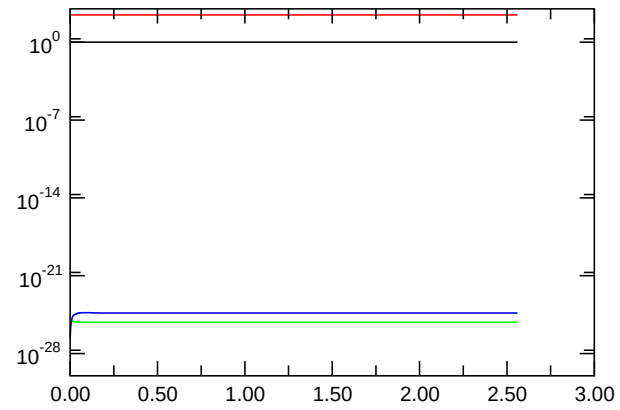
March 19, 2016



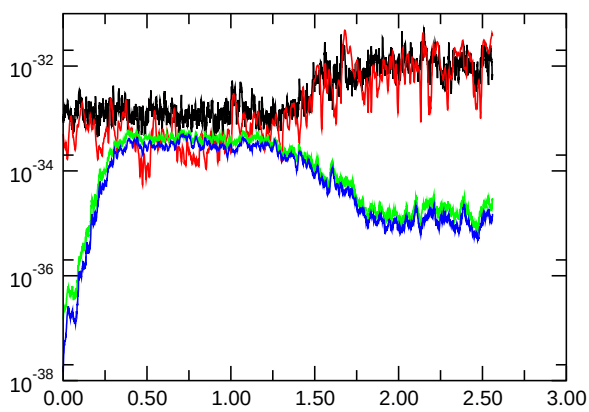
a.e03p1t03r-50000m1n2N2z2.0e4Y
 E_{kin}



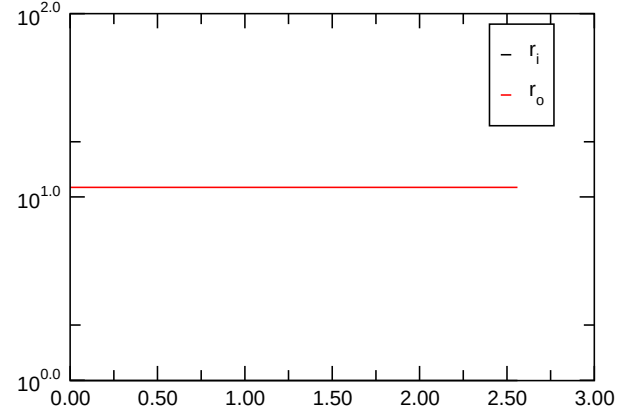
$E_{\text{kin,symm.}}$



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

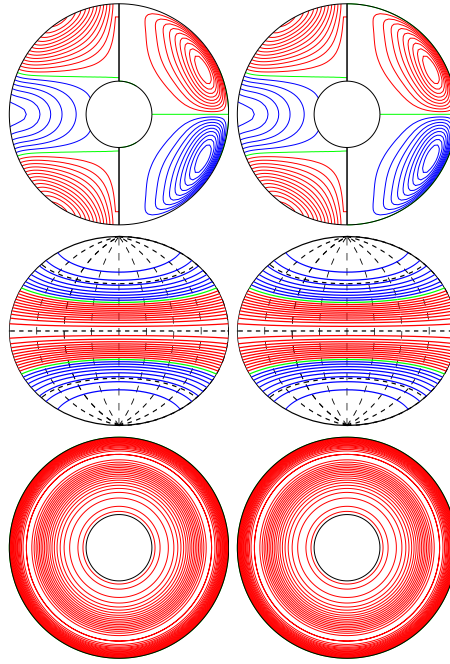


Nusselt Number

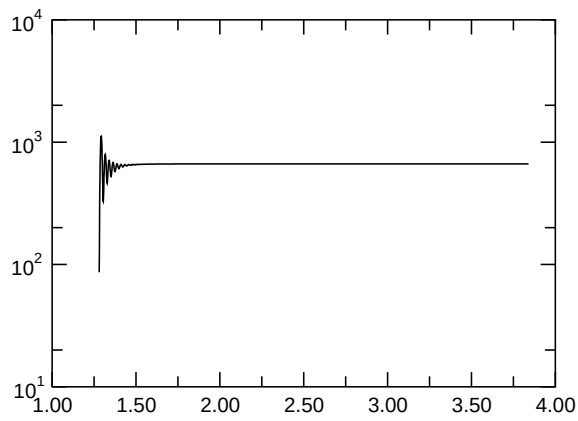


a.e03p1t03r-50000m1n2N2z3.0e4Y.3
times: 2.560002 3.840003

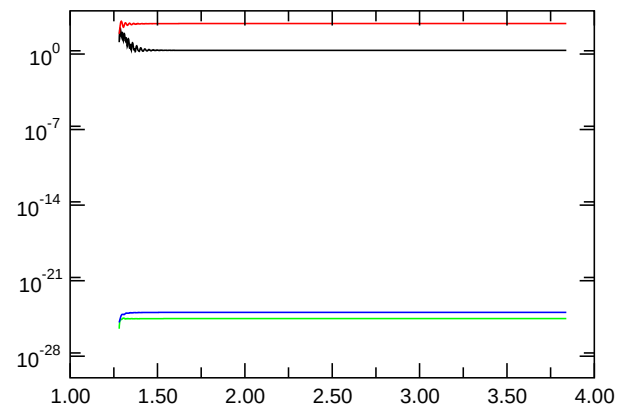
March 19, 2016



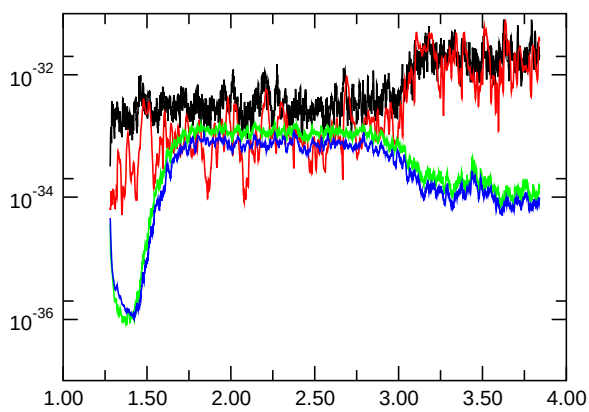
a.e03p1t03r-50000m1n2N2z3.0e4Y
 E_{kin}



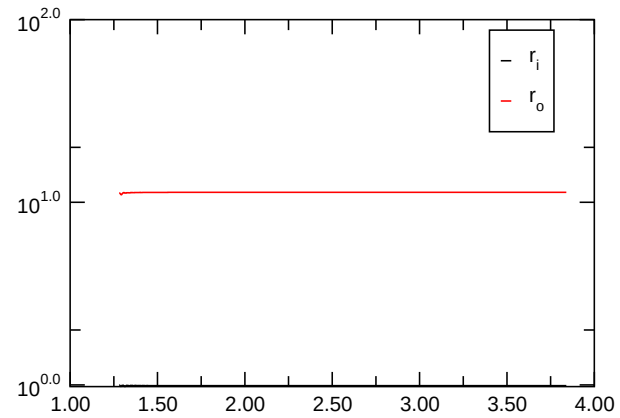
$E_{\text{kin,symm.}}$



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

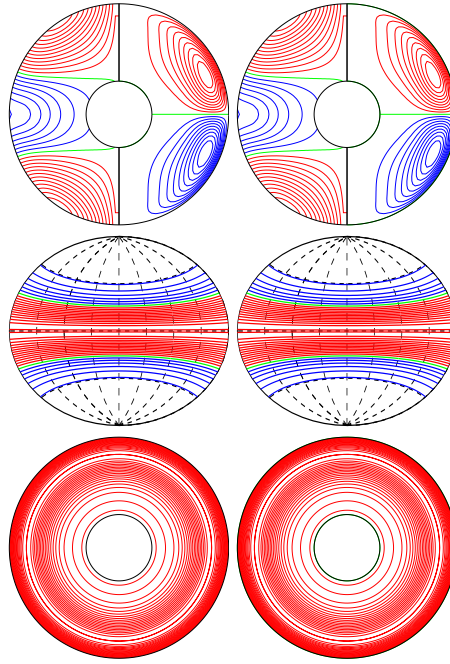


Nusselt Number

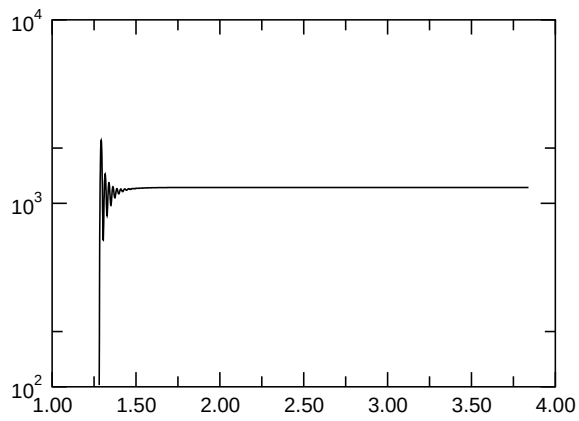


a.e03p1t03r-50000m1n2N2z4.0e4Y.3
times: 2.560002 3.840003

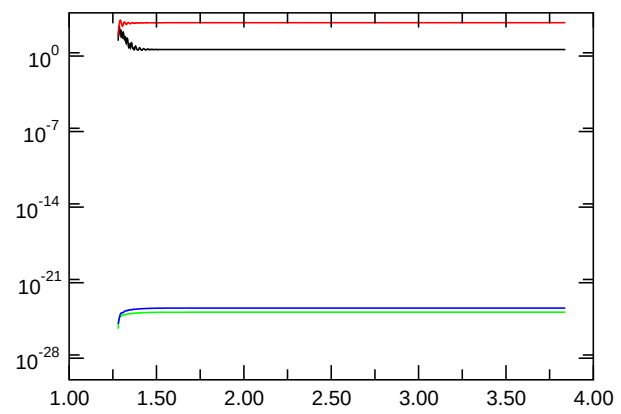
March 19, 2016



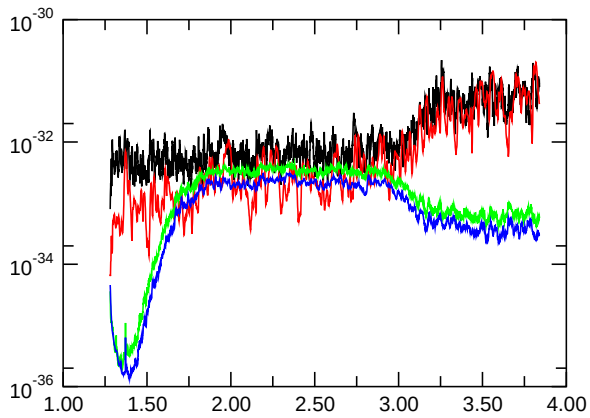
a.e03p1t03r-50000m1n2N2z4.0e4Y
 E_{kin}



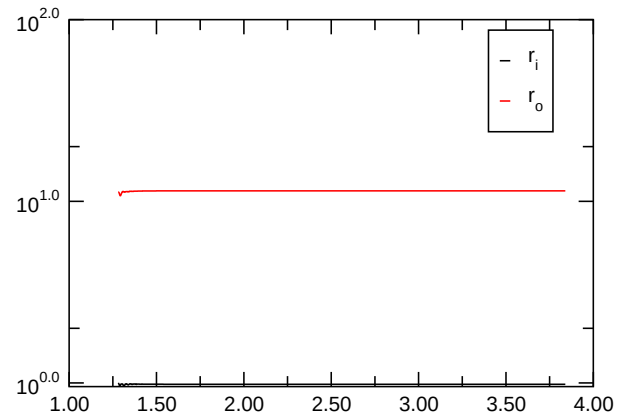
$E_{\text{kin,symm.}}$



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

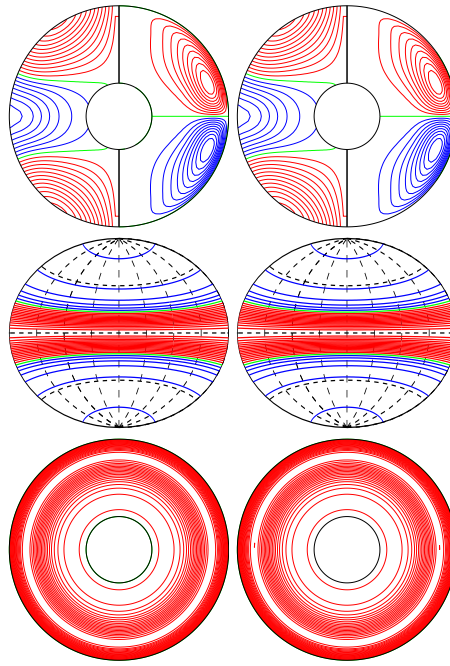


Nusselt Number

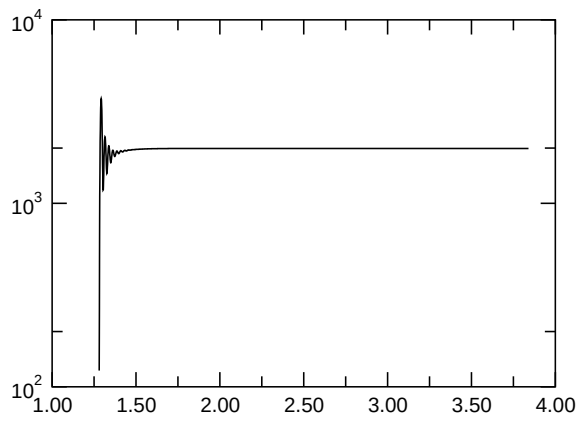


a.e03p1t03r-50000m1n2N2z5.0e4Y.3
times: 2.560002 3.840003

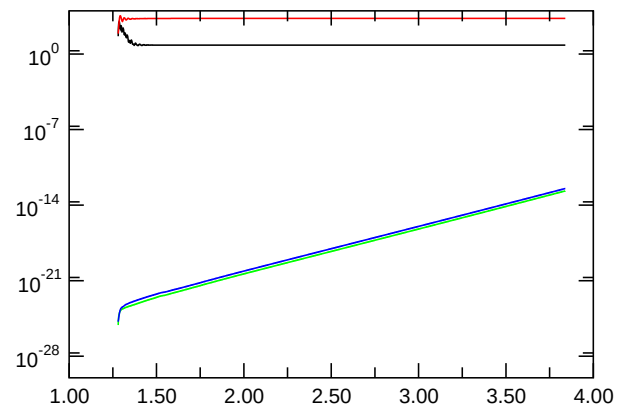
March 19, 2016



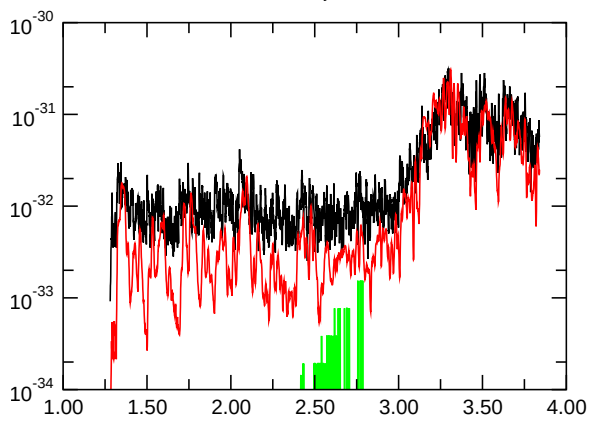
a.e03p1t03r-50000m1n2N2z5.0e4Y
 E_{kin}



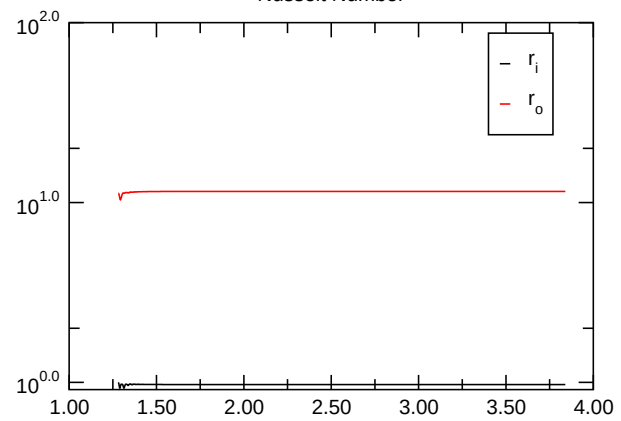
$E_{\text{kin,symm.}}$



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

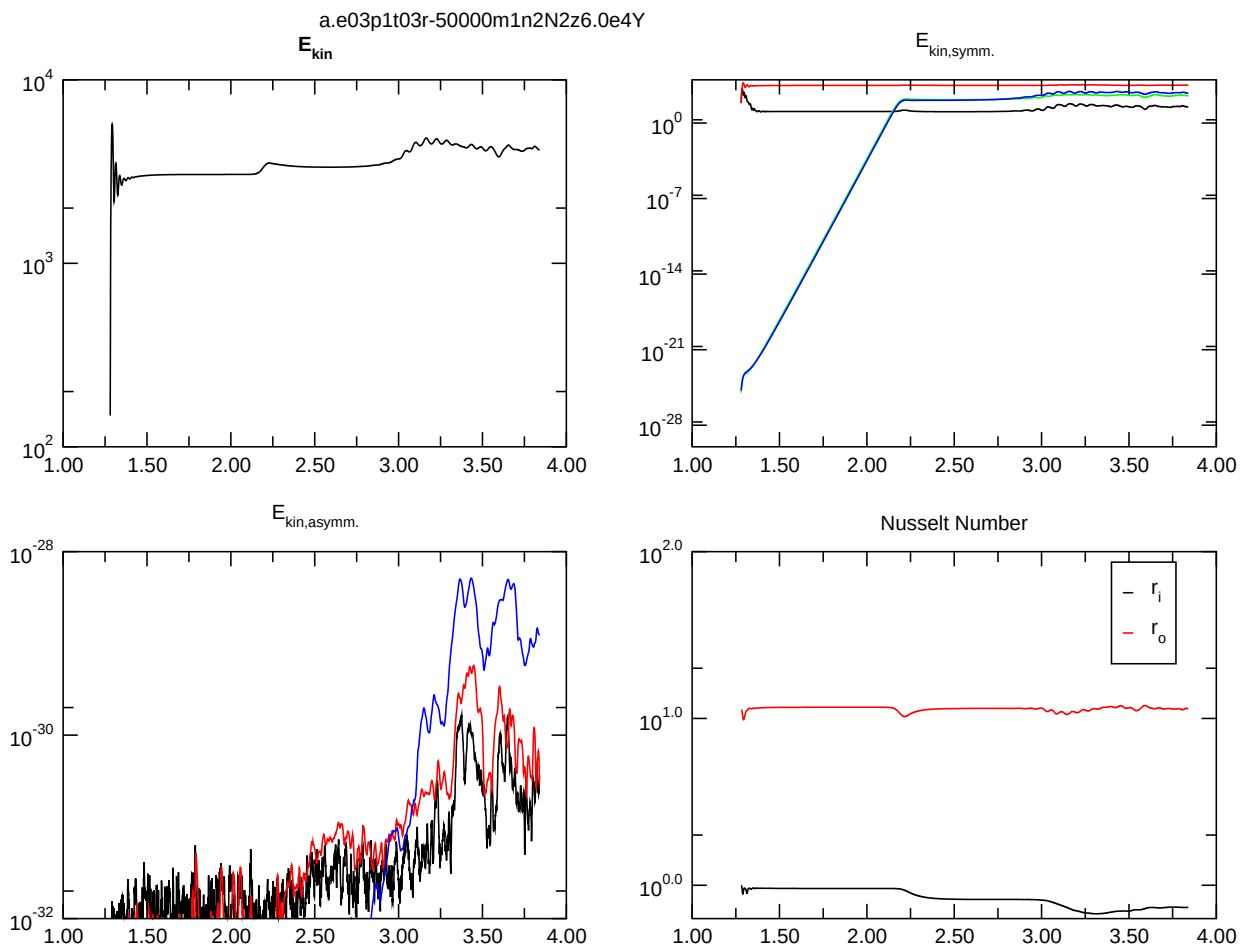
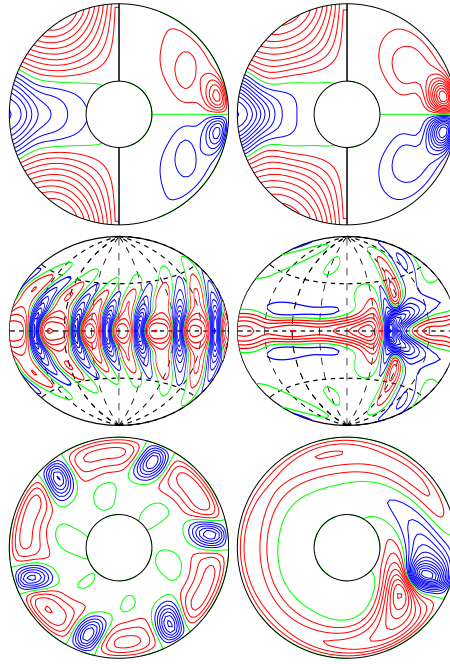


Nusselt Number



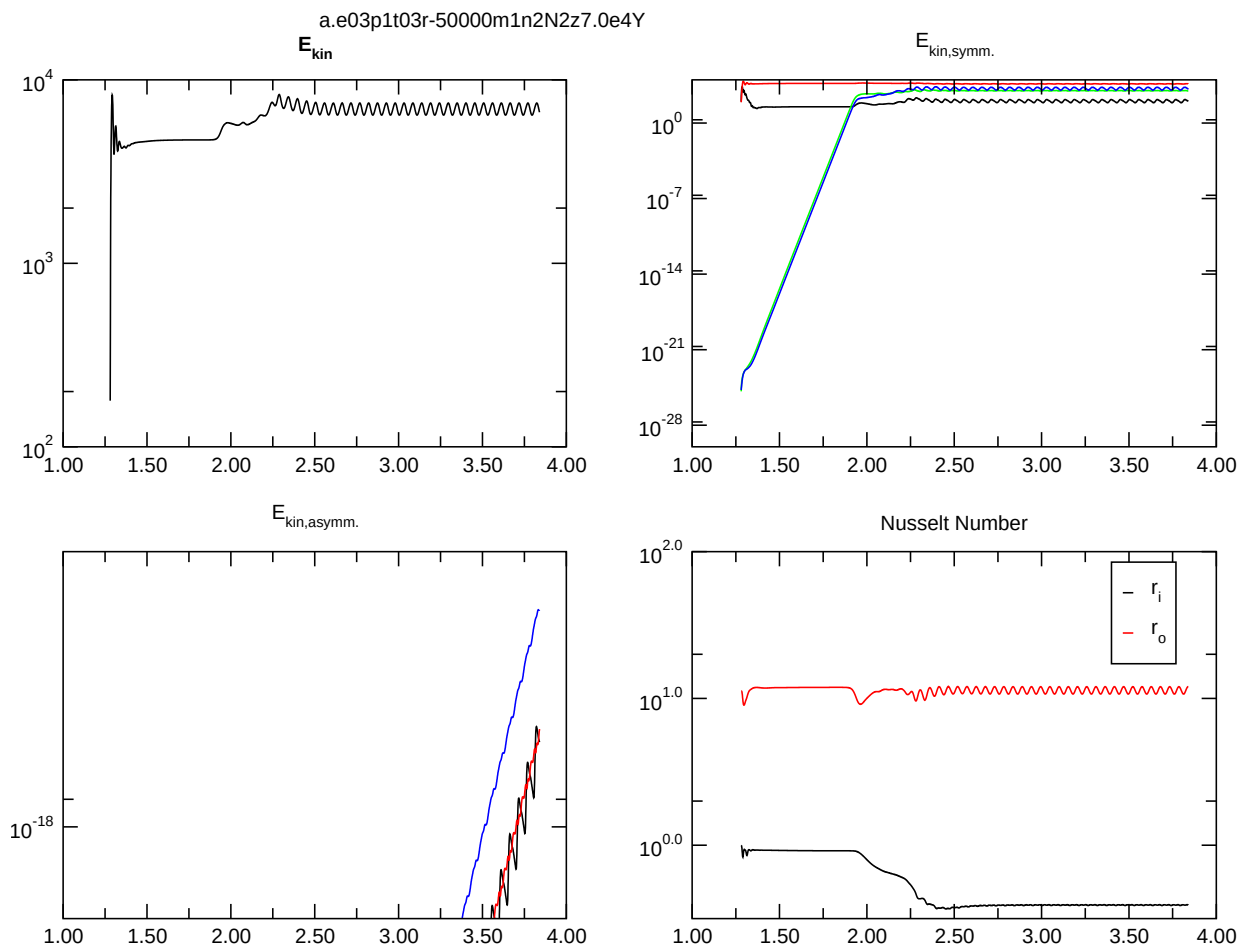
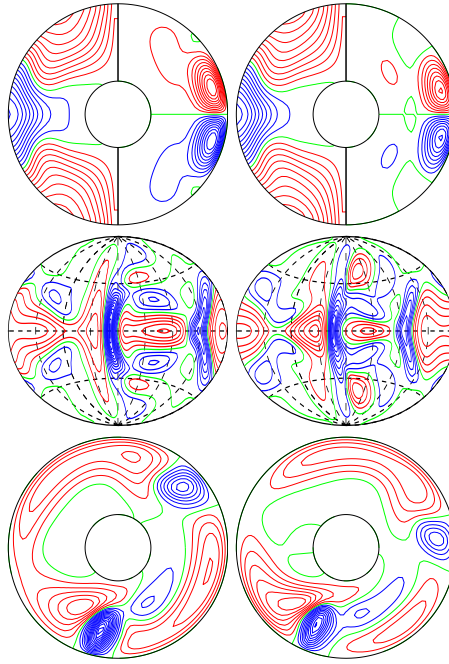
a.e03p1t03r-50000m1n2N2z6.0e4Y.3
times: 2.560002 3.840003

March 19, 2016



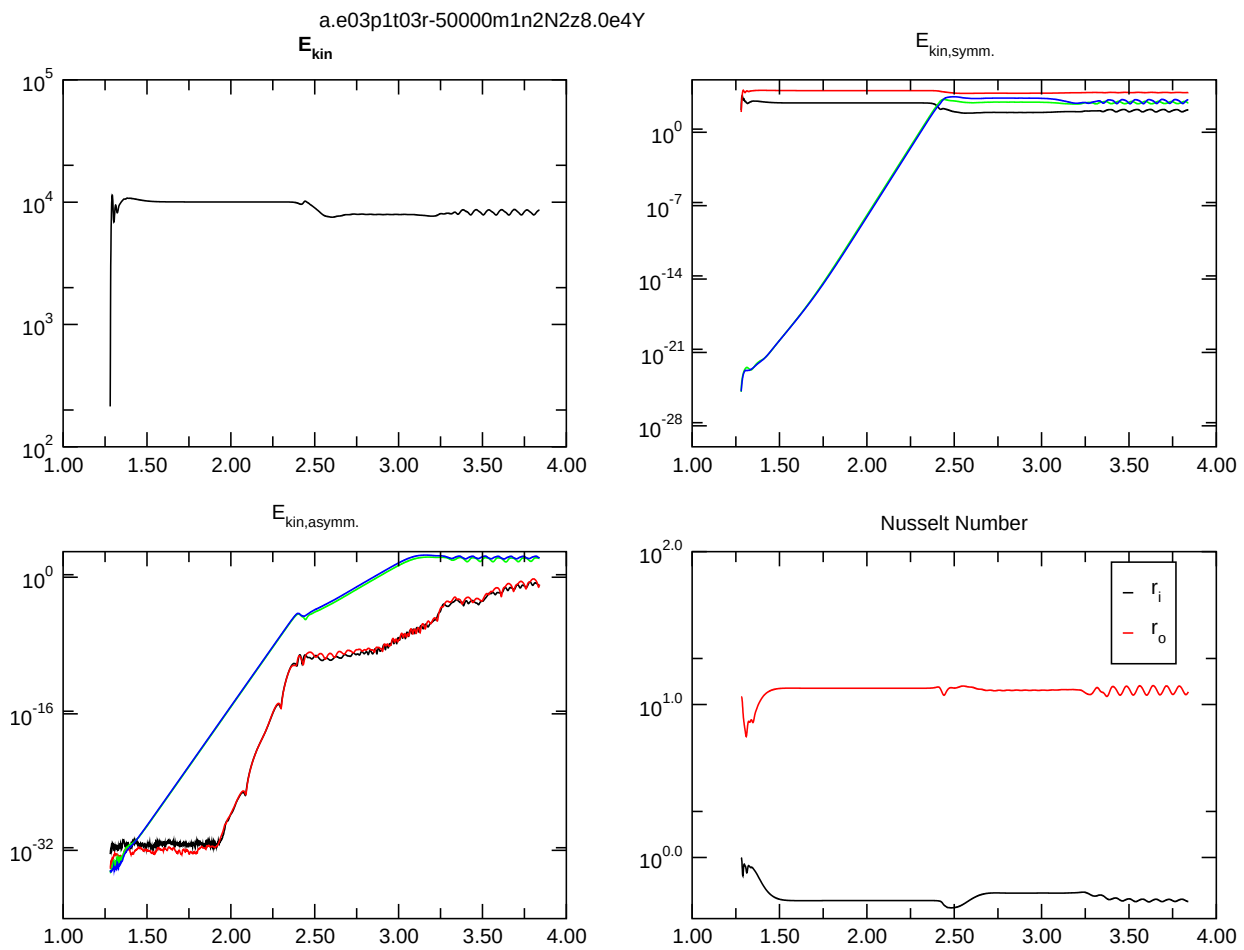
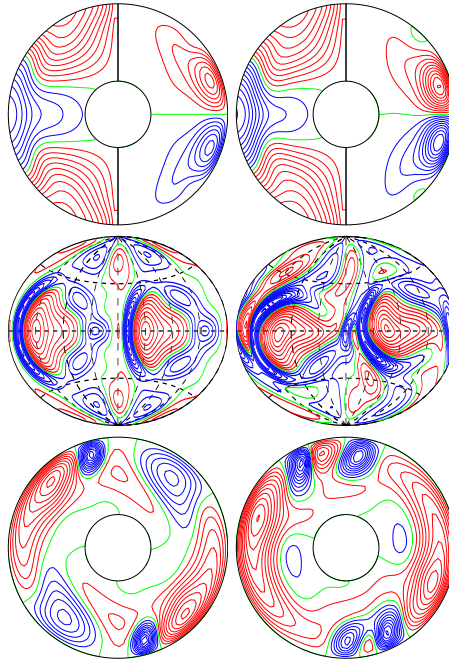
a.e03p1t03r-50000m1n2N2z7.0e4Y.3
times: 2.560002 3.840003

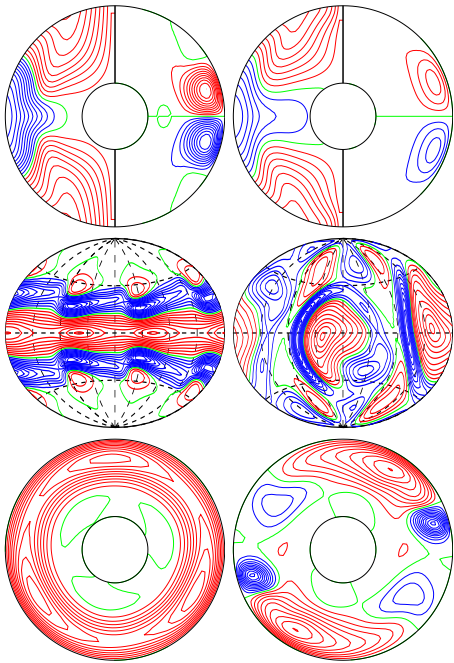
March 19, 2016



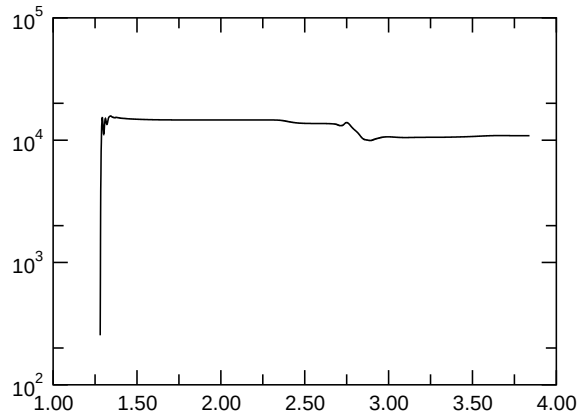
a.e03p1t03r-50000m1n2N2z8.0e4Y.3
times: 2.560002 3.840003

March 19, 2016

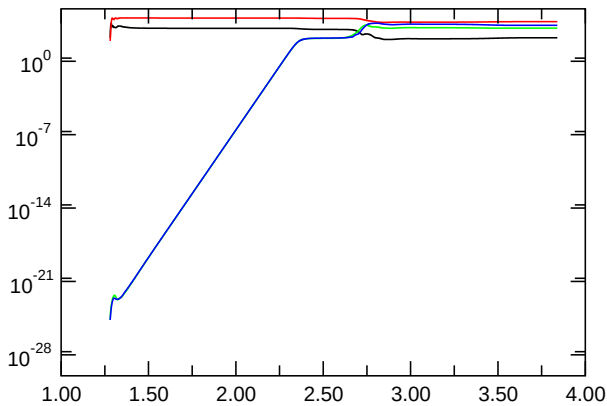




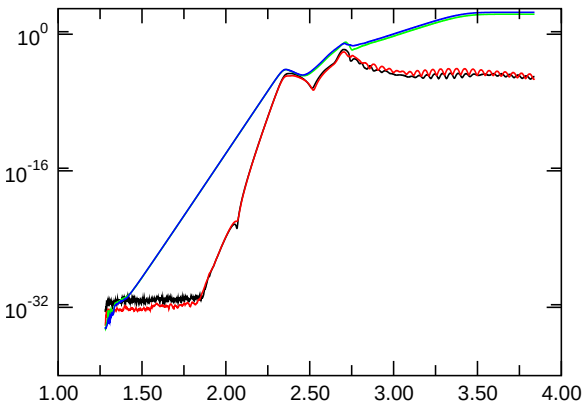
a.e03p1t03r-50000m1n2N2z9.0e4Y
 E_{kin}



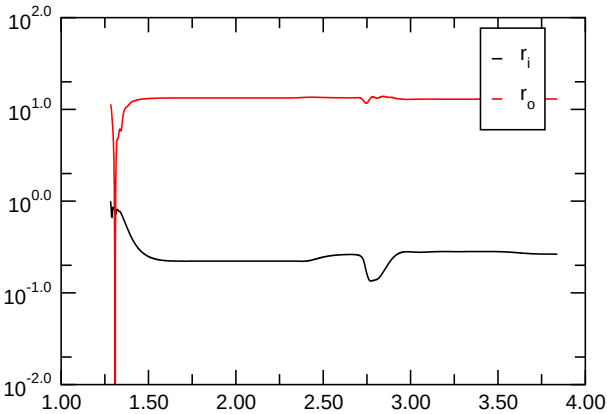
$E_{\text{kin,symm.}}$



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

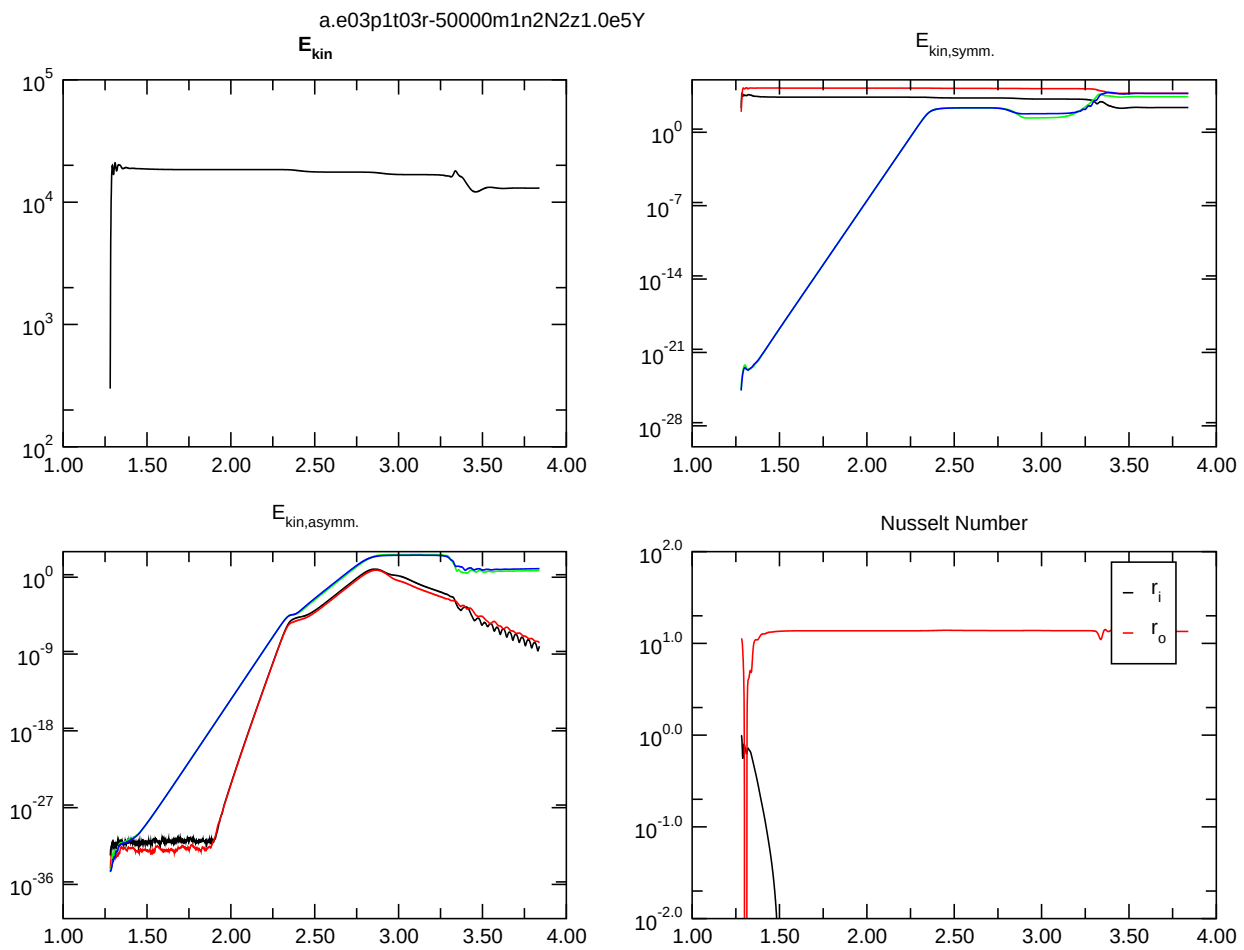
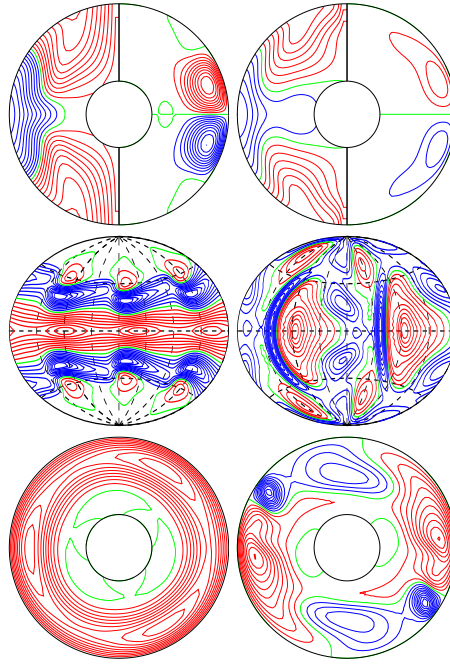


Nusselt Number



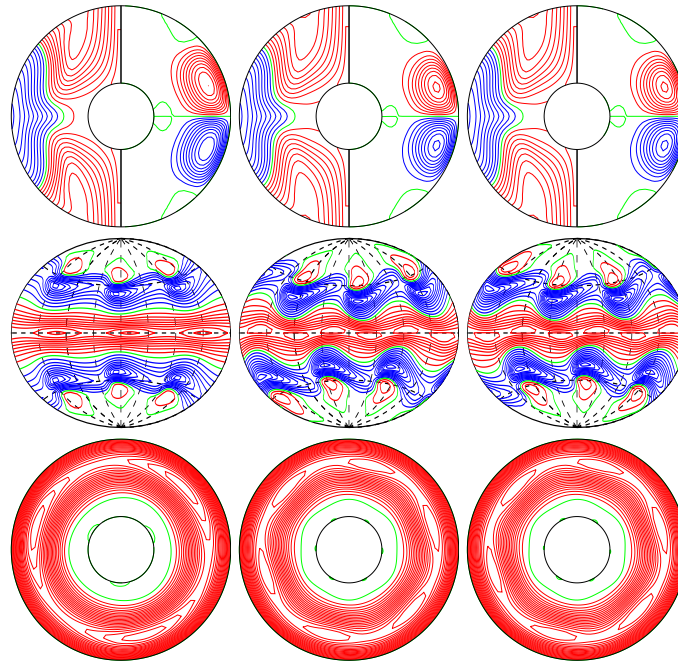
a.e03p1t03r-50000m1n2N2z1.0e5Y.3
times: 2.560002 3.840003

March 19, 2016

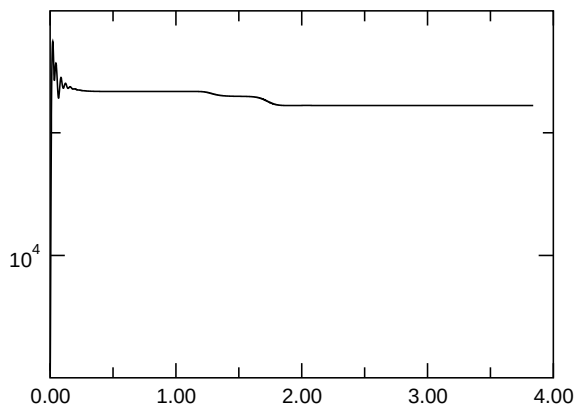


a.e03p1t03r-50000m1n2N2z1.2e5Y.4
times: 1.280001 2.560002 3.840003

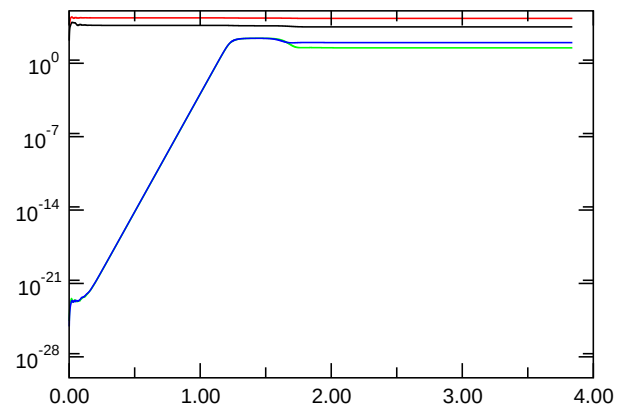
March 19, 2016



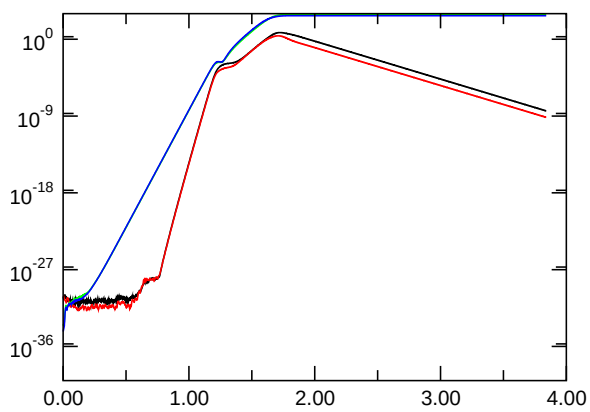
a.e03p1t03r-50000m1n2N2z1.2e5Y
 E_{kin}



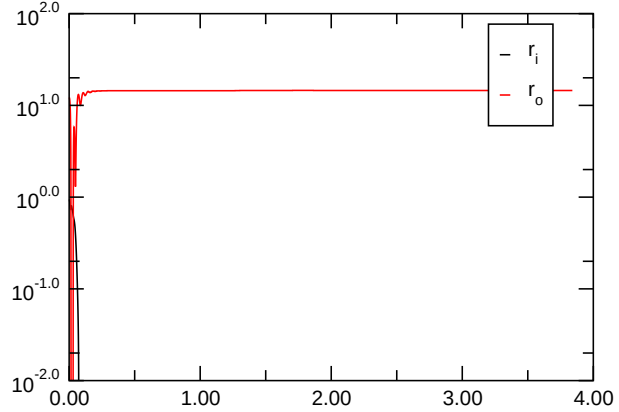
$E_{\text{kin,symm.}}$



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

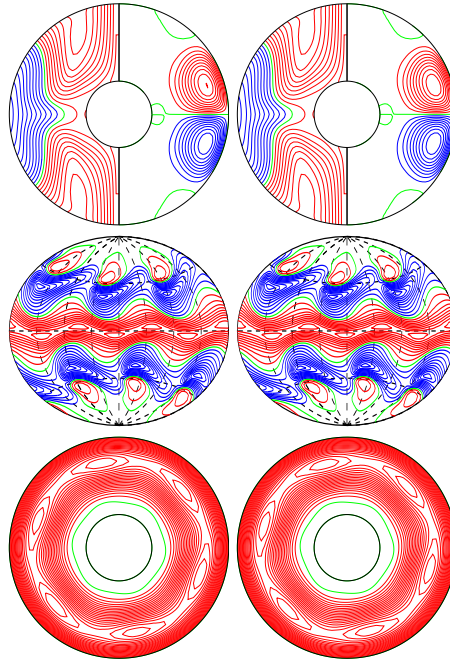


Nusselt Number

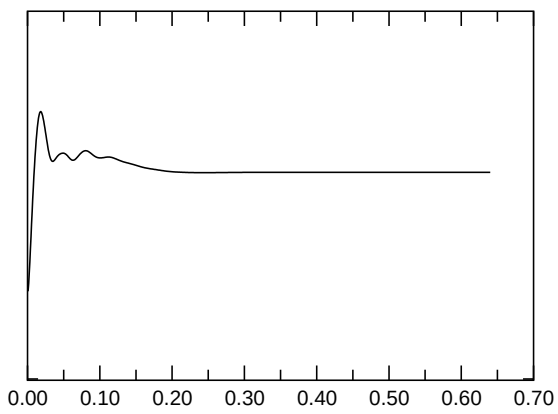


a.e03p1t03r-50000m1n2N2z1.4e5Y.3
times: 0.3200008 0.6400016

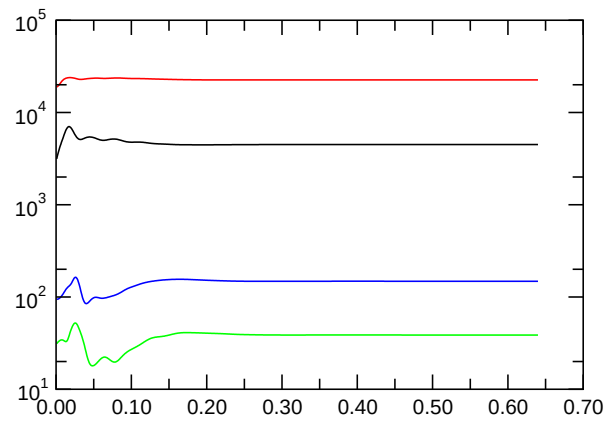
March 19, 2016



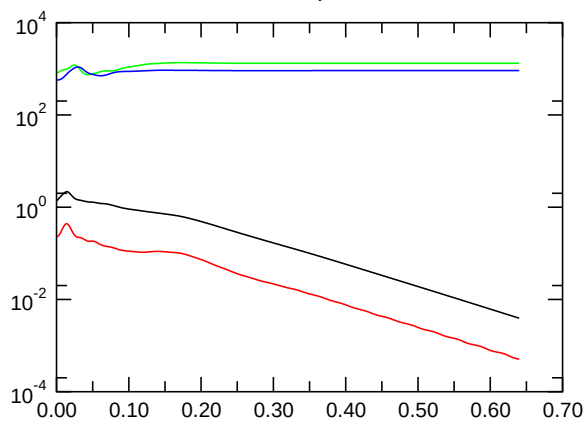
a.e03p1t03r-50000m1n2N2z1.4e5Y
 E_{kin}



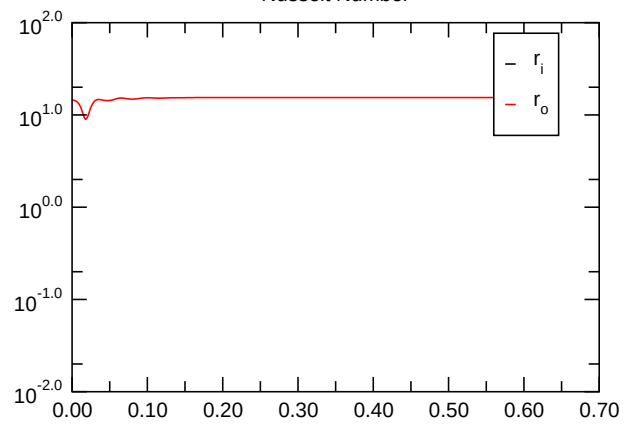
$E_{\text{kin,symm.}}$



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

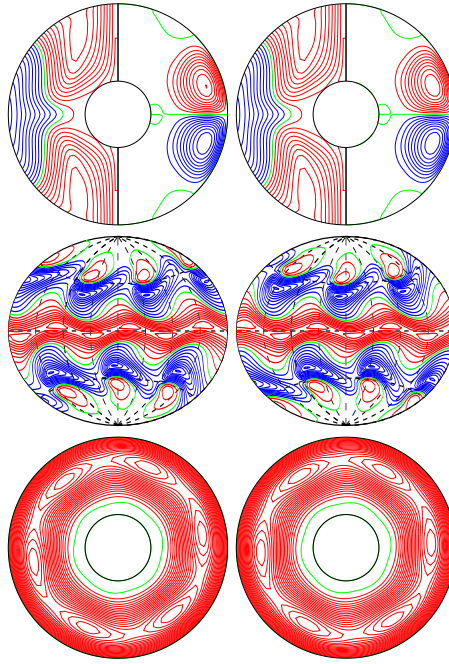


Nusselt Number

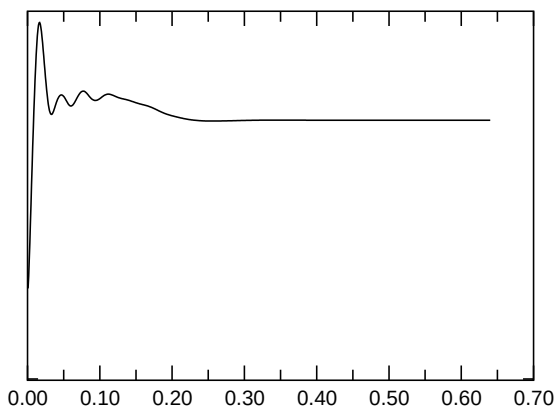


a.e03p1t03r-50000m1n2N2z1.5e5Y.3
times: 0.3200008 0.6400016

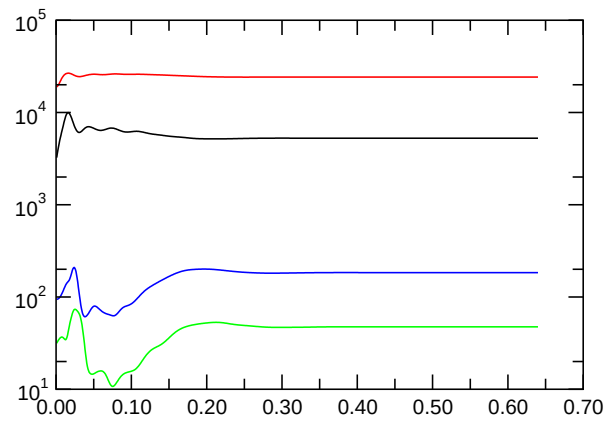
March 19, 2016



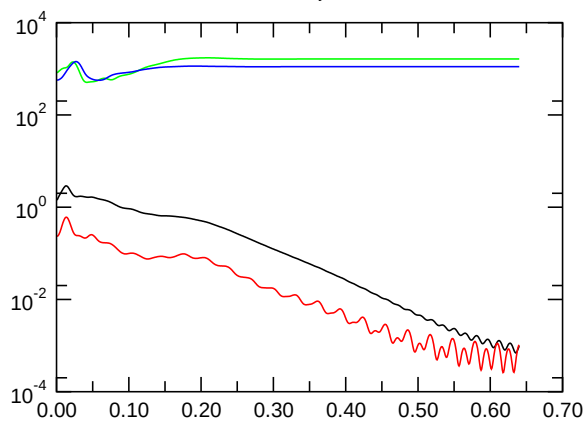
a.e03p1t03r-50000m1n2N2z1.5e5Y
 E_{kin}



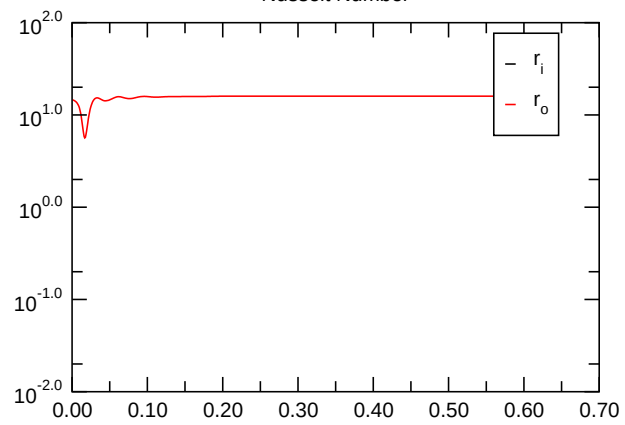
$E_{\text{kin,symm.}}$



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

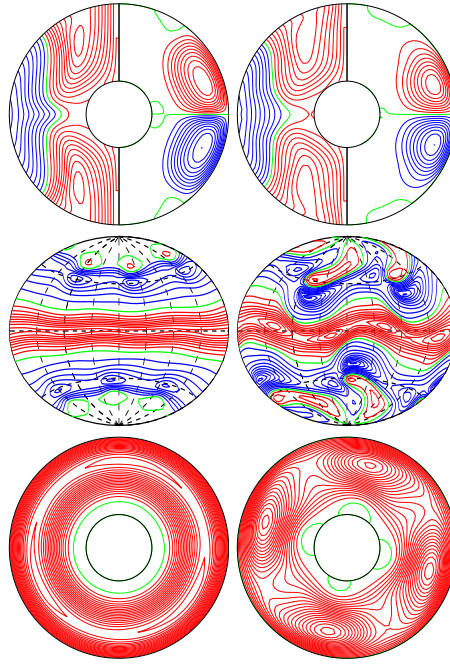


Nusselt Number

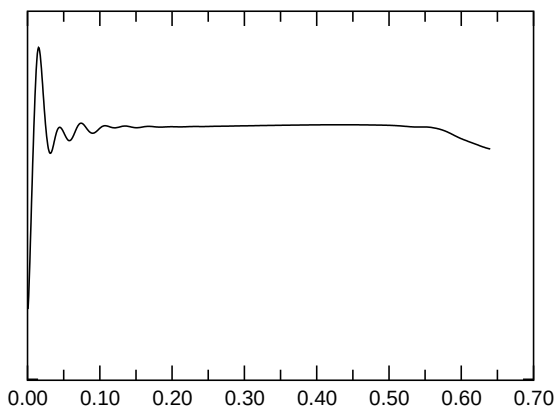


a.e03p1t03r-50000m1n2N2z1.6e5Y.3
times: 0.3200008 0.6400016

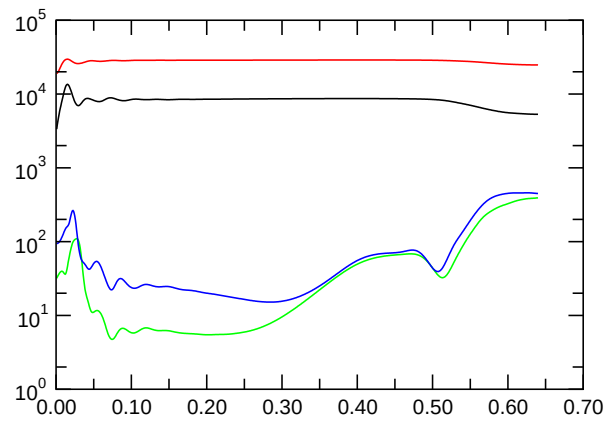
March 19, 2016



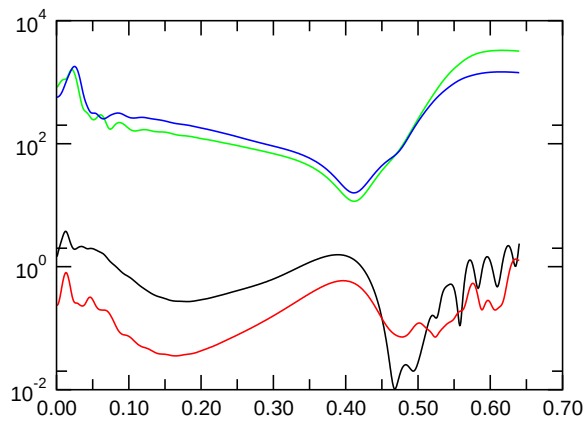
a.e03p1t03r-50000m1n2N2z1.6e5Y
 E_{kin}



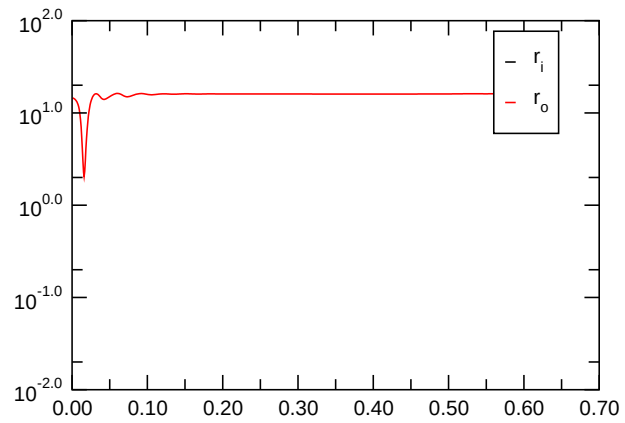
$E_{\text{kin,symm.}}$



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

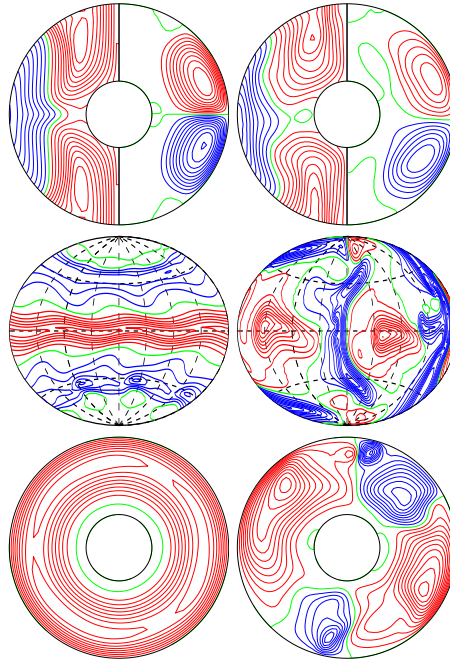


Nusselt Number

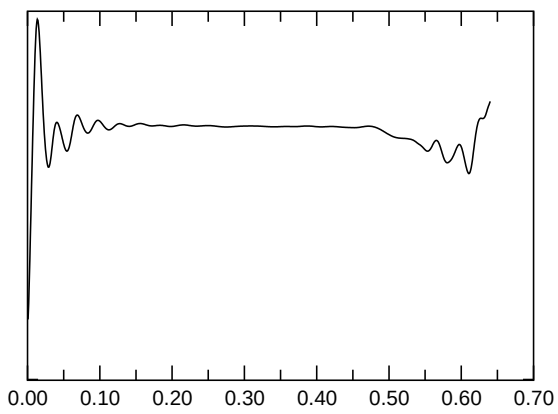


a.e03p1t03r-50000m1n2N2z1.8e5Y.3
times: 0.3200008 0.6400016

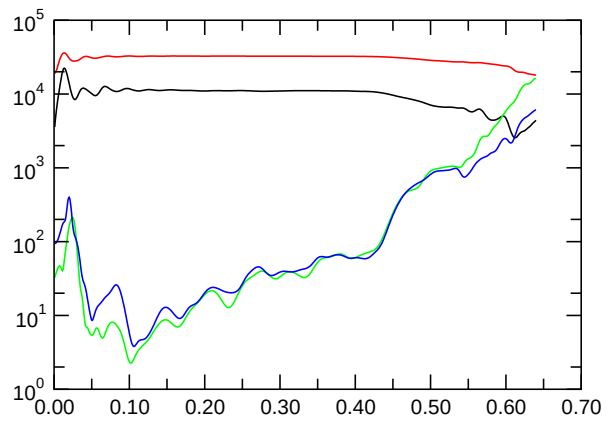
March 19, 2016



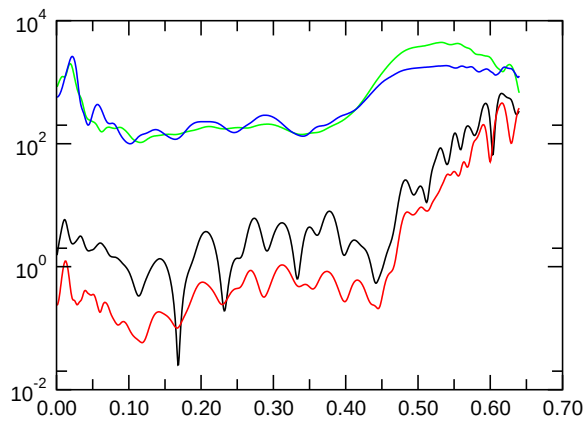
a.e03p1t03r-50000m1n2N2z1.8e5Y
 E_{kin}



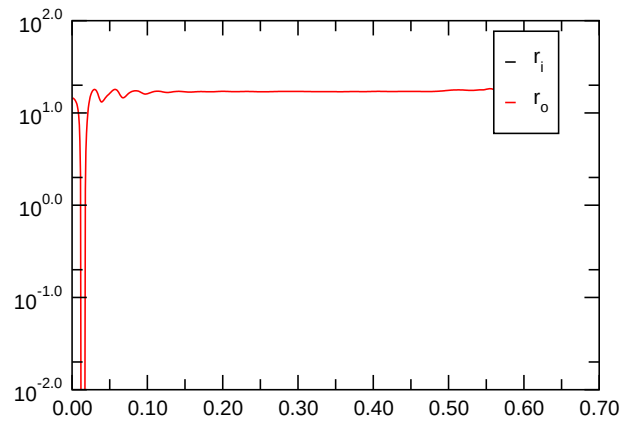
$E_{\text{kin,symm.}}$



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

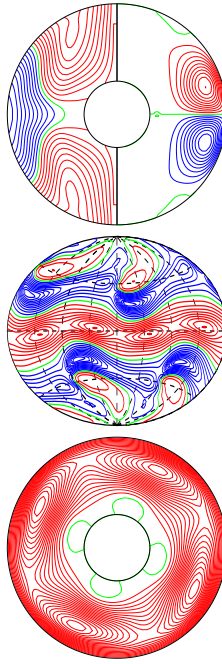


Nusselt Number

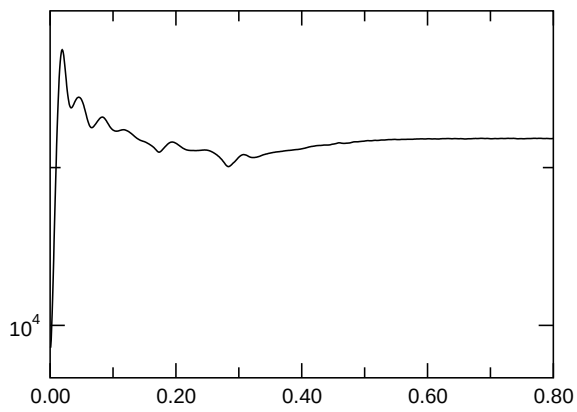


a.e03p1t03r-50000m1p10n2N2z1.2e5Y.2
times: 0.8000008

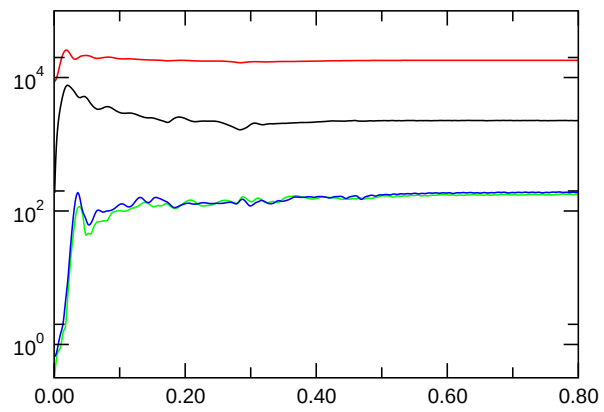
March 19, 2016



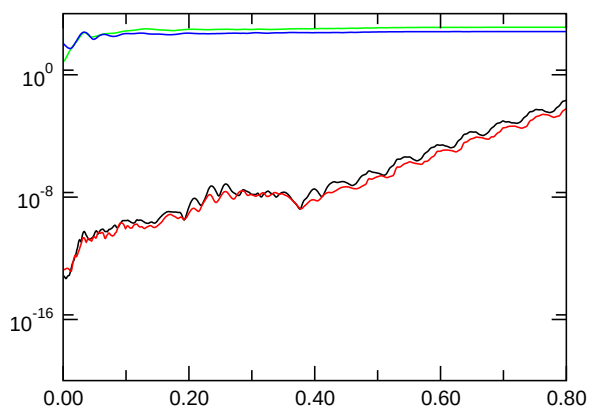
a.e03p1t03r-50000m1p10n2N2z1.2e5Y
 E_{kin}



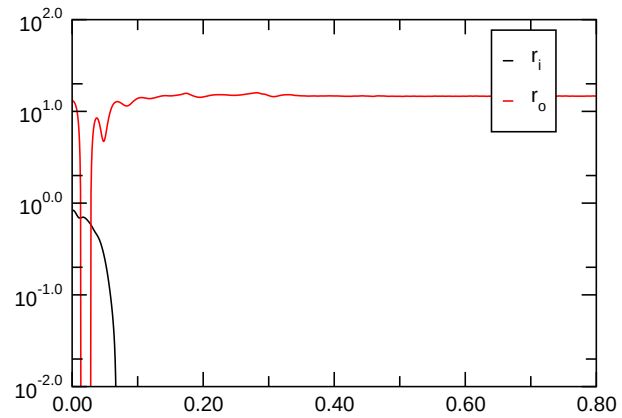
$E_{\text{kin,symm.}}$



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

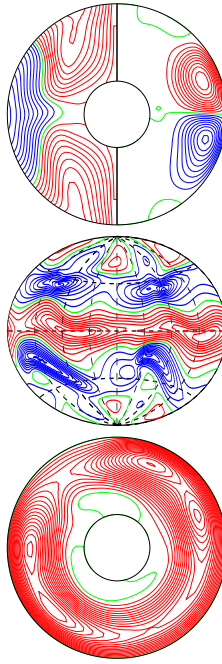


Nusselt Number

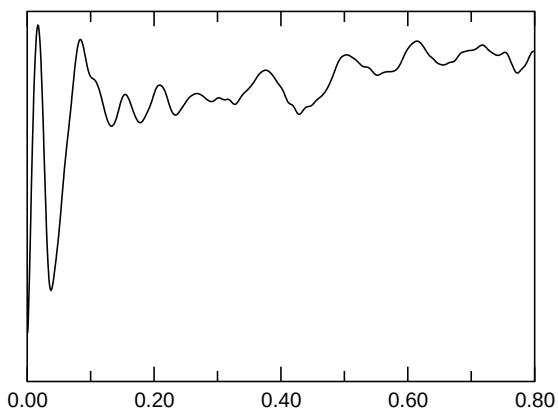


a.e03p1t03r-50000m1p10n2N2z1.3e5Y.2
times: 0.8000008

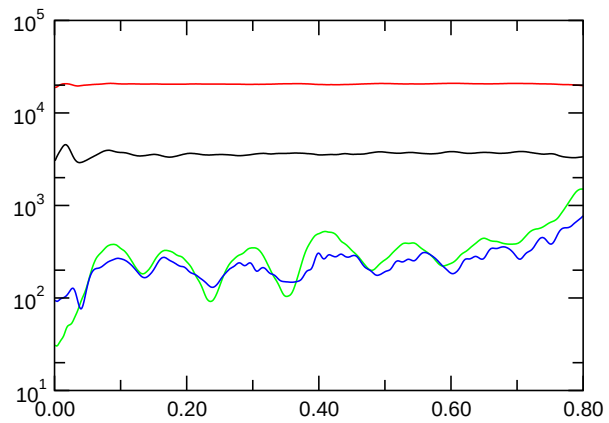
March 19, 2016



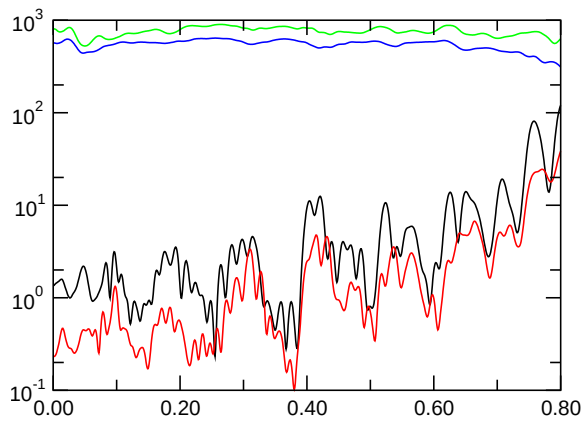
a.e03p1t03r-50000m1p10n2N2z1.3e5Y
 E_{kin}



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



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



Nusselt Number

