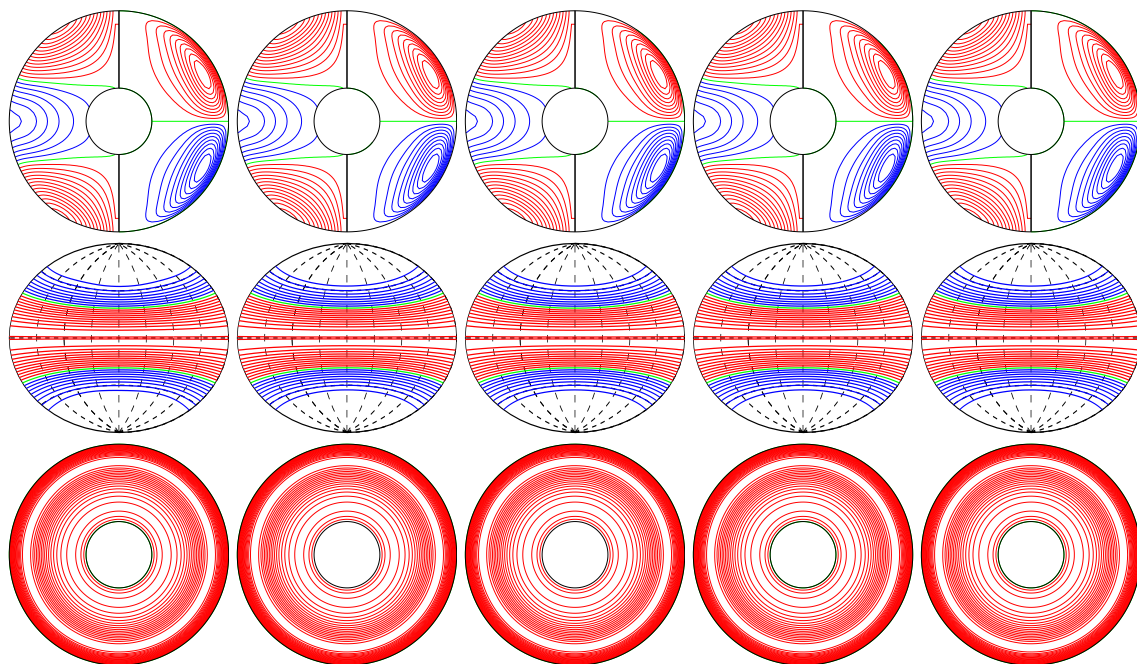


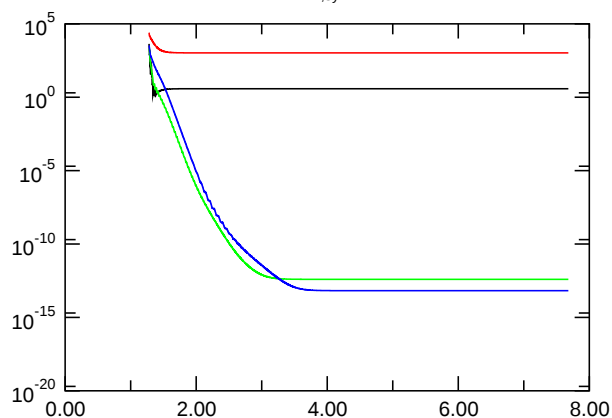
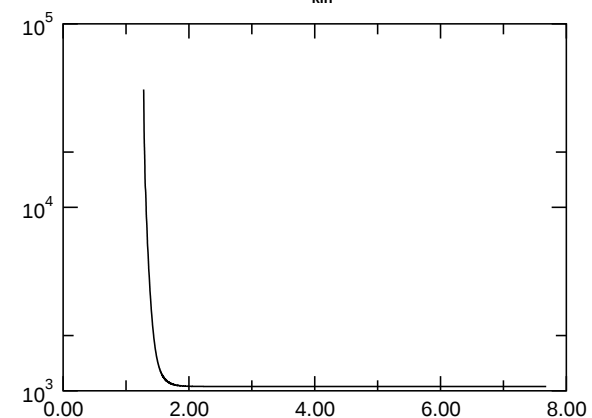
a.e03p1t03r-50000m1n2N2z0.4e5a.6
times: 2.560002 3.840003 5.120004 6.400005 7.680006

November 19, 2015



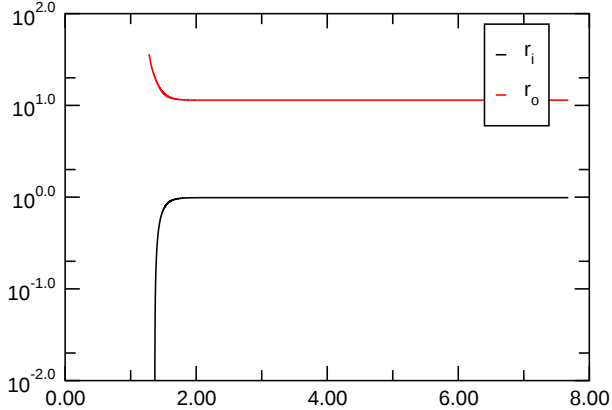
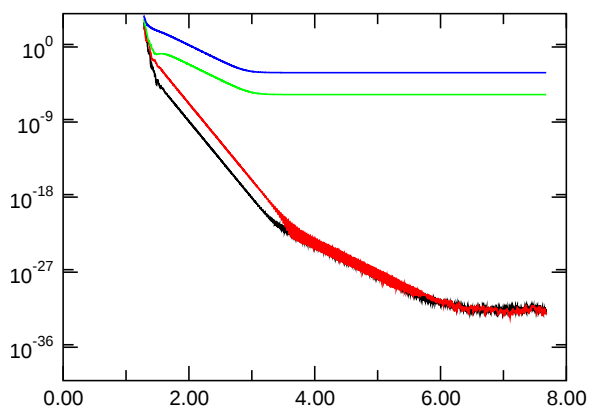
a.e03p1t03r-50000m1n2N2z0.4e5a
 E_{kin}

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



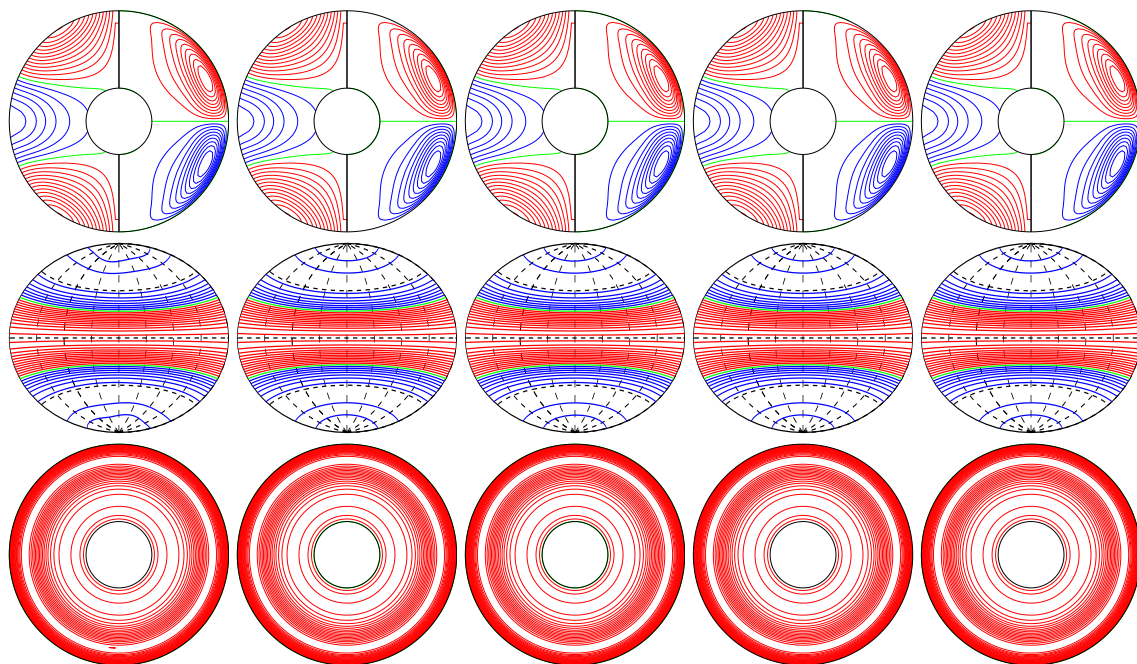
$E_{\text{kin,asymm.}}$

Nusselt Number



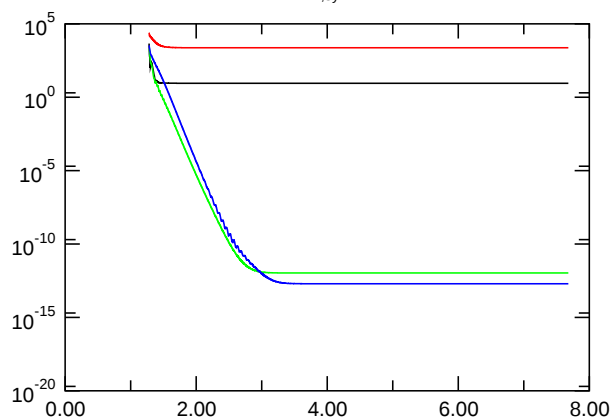
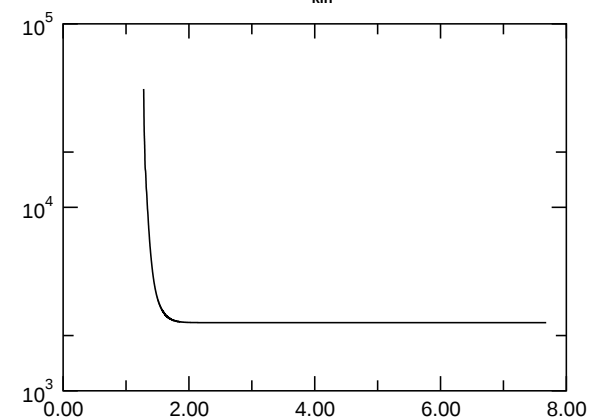
a.e03p1t03r-50000m1n2N2z0.6e5a.6
times: 2.560002 3.840003 5.120004 6.400005 7.680006

November 19, 2015



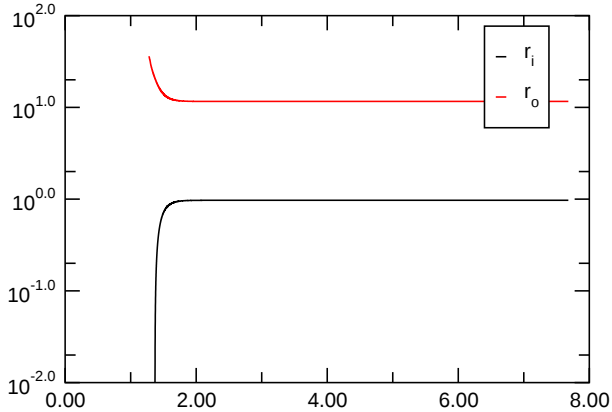
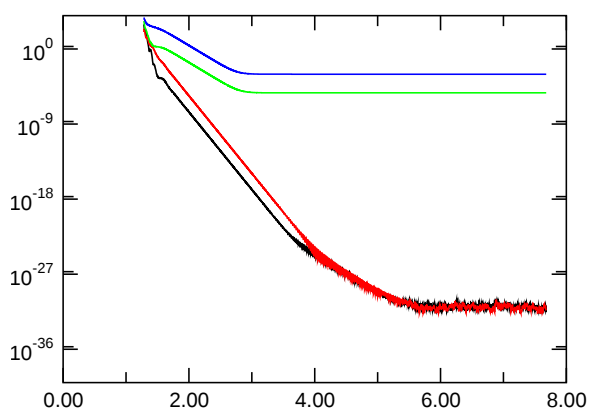
a.e03p1t03r-50000m1n2N2z0.6e5a
 E_{kin}

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



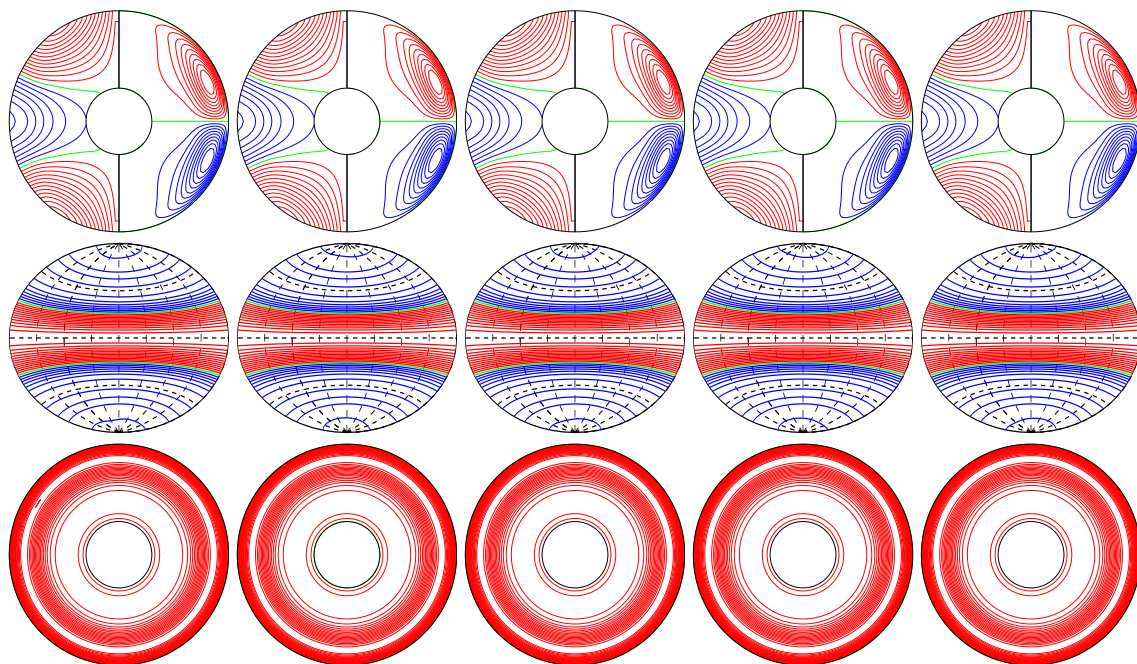
$E_{\text{kin,asymm.}}$

Nusselt Number

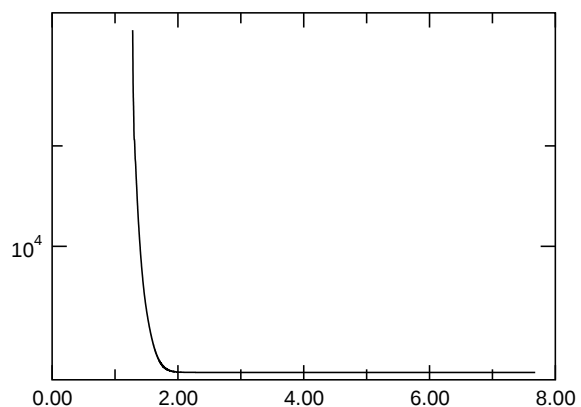


a.e03p1t03r-50000m1n2N2z0.8e5a.6
times: 2.560002 3.840003 5.120004 6.400005 7.680006

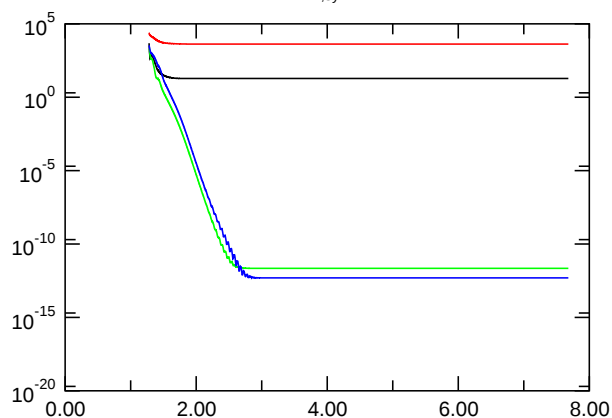
November 19, 2015



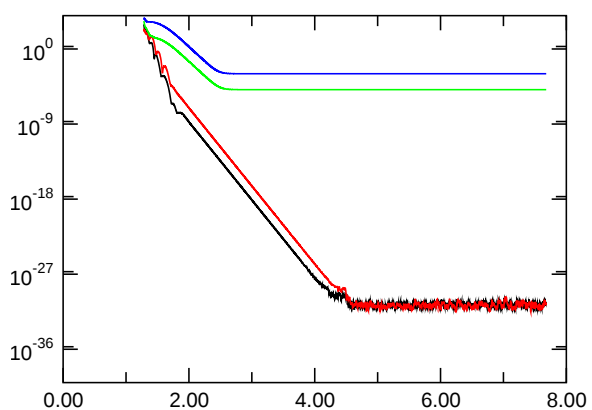
a.e03p1t03r-50000m1n2N2z0.8e5a
 E_{kin}



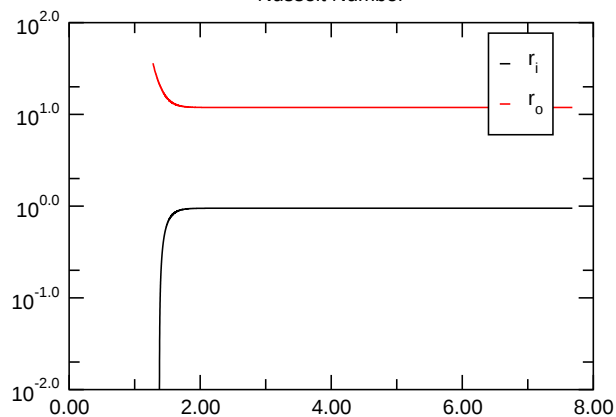
$E_{\text{kin,symm.}}$



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

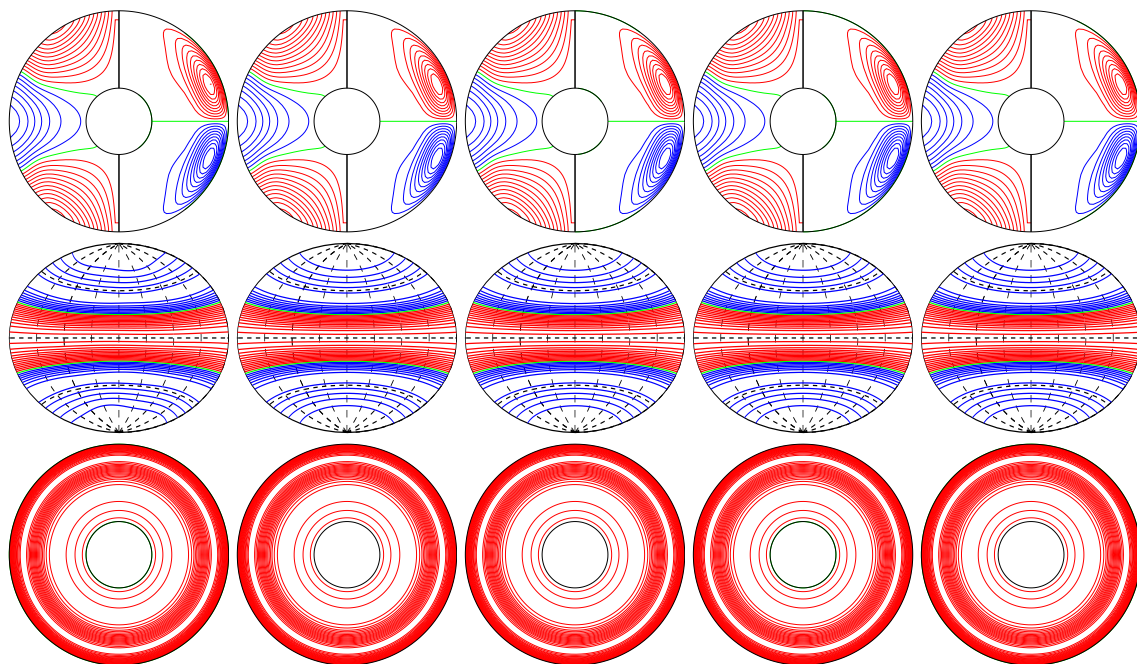


Nusselt Number

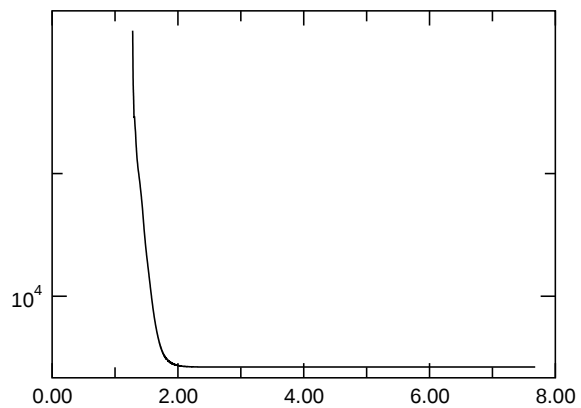


a.e03p1t03r-50000m1n2N2z1.0e5a.6
times: 2.560002 3.840003 5.120004 6.400005 7.680006

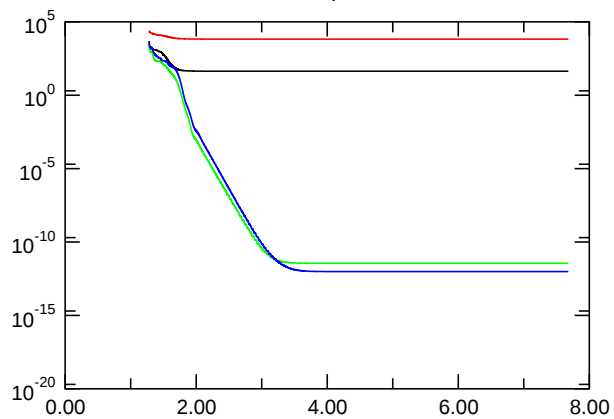
November 19, 2015



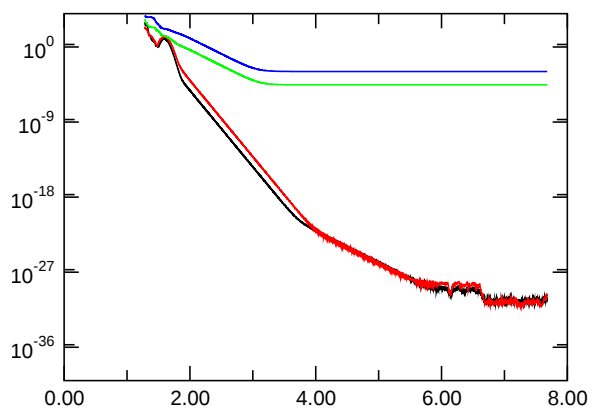
a.e03p1t03r-50000m1n2N2z1.0e5a
 E_{kin}



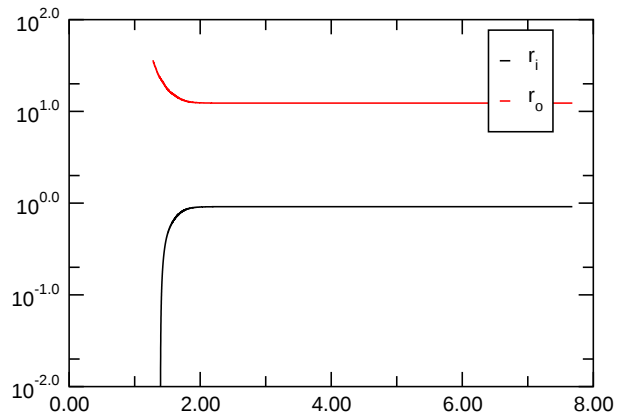
$E_{\text{kin,symm.}}$



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

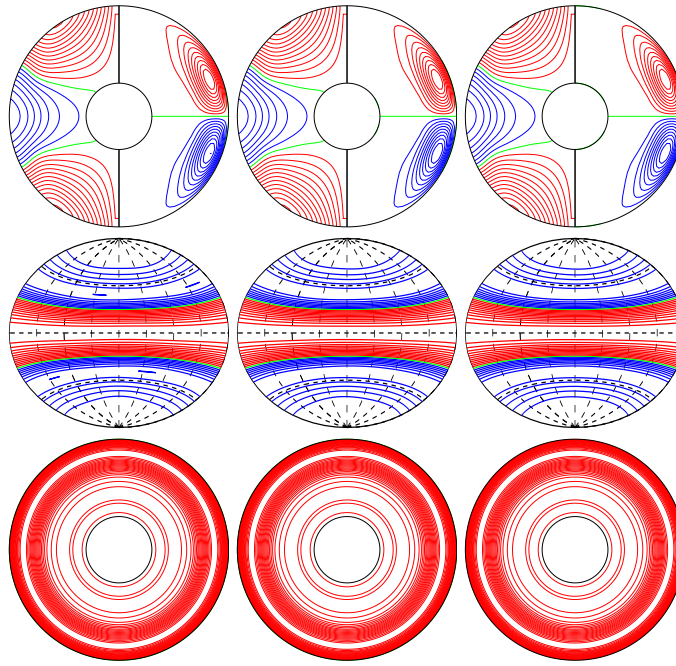


Nusselt Number

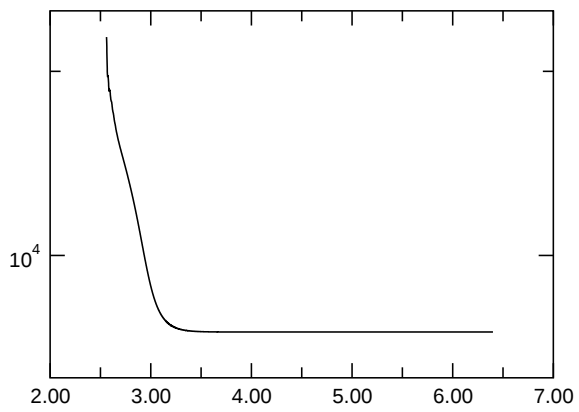


a.e03p1t03r-50000m1n2N2z1.05e5a.4
times: 3.840003 5.120004 6.400005

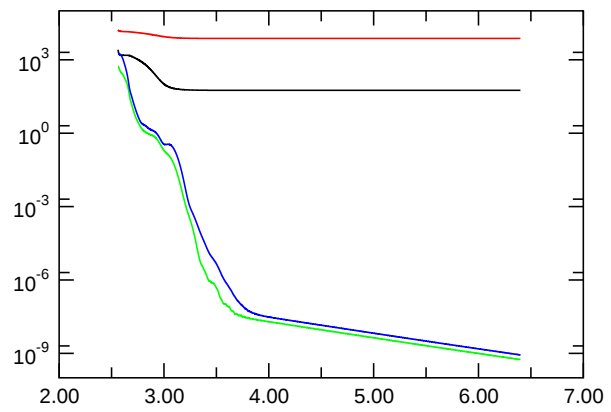
November 19, 2015



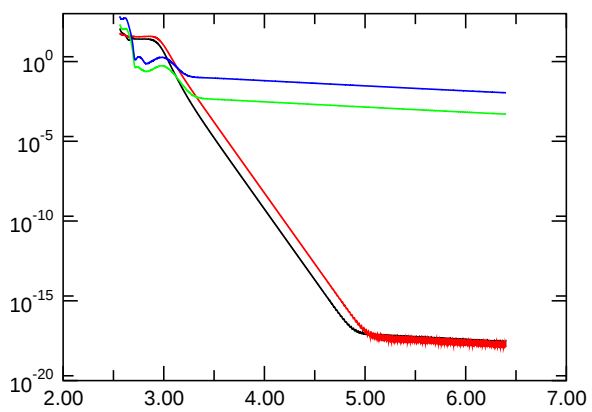
a.e03p1t03r-50000m1n2N2z1.05e5a
 E_{kin}



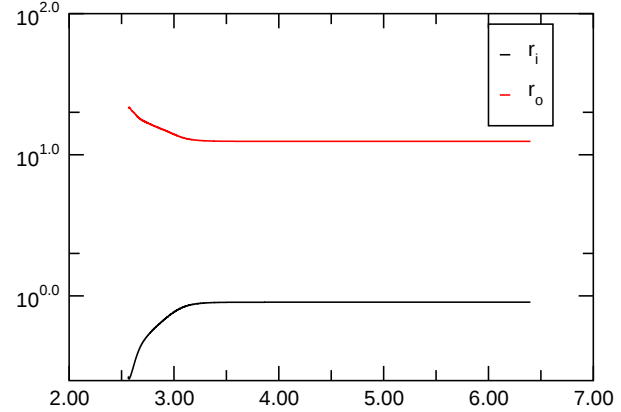
$E_{\text{kin,symm.}}$



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

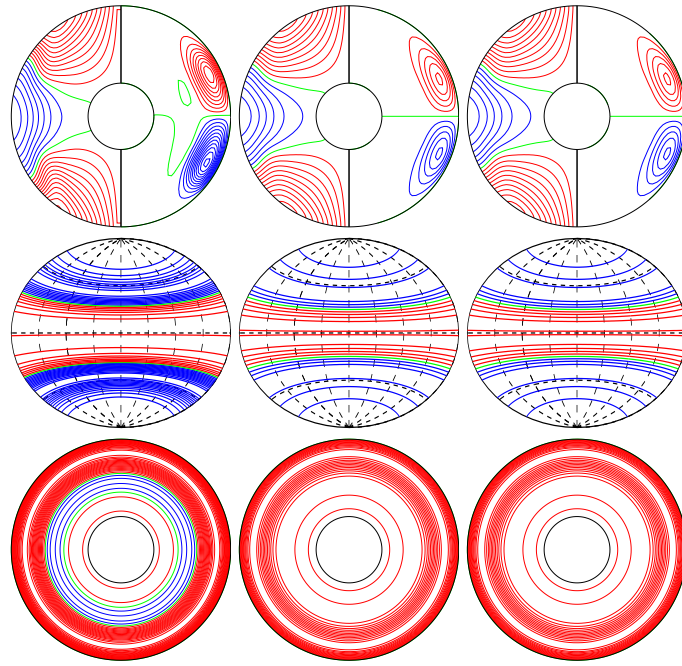


Nusselt Number

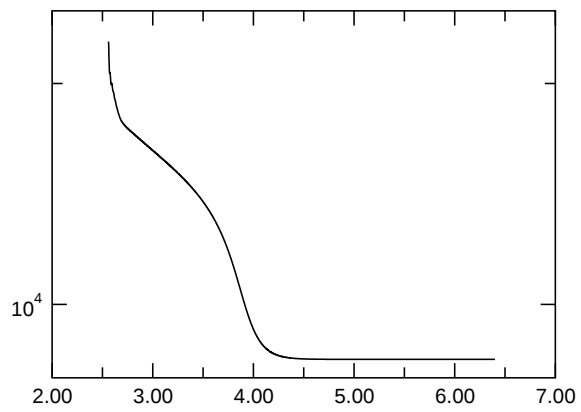


a.e03p1t03r-50000m1n2N2z1.1e5a.4
times: 3.840003 5.120004 6.400005

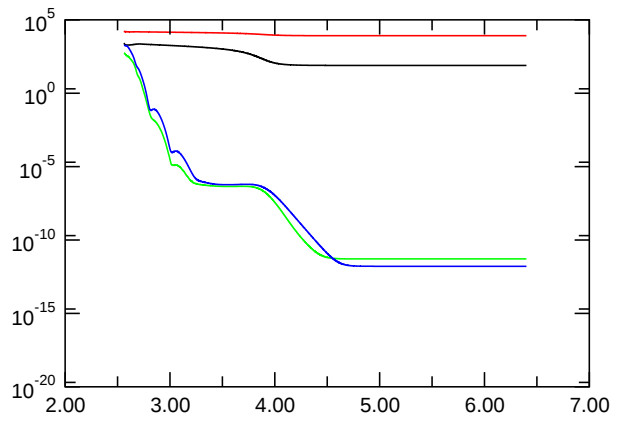
November 19, 2015



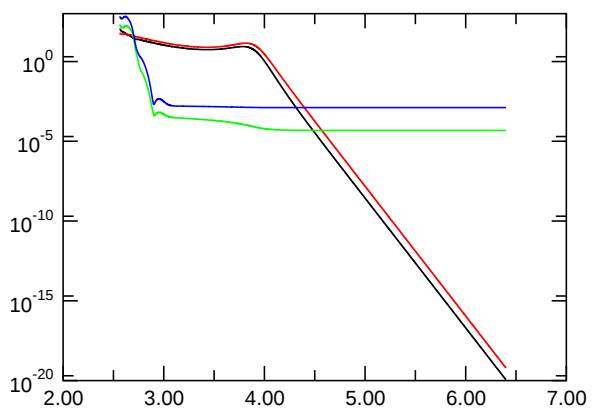
a.e03p1t03r-50000m1n2N2z1.1e5a
 E_{kin}



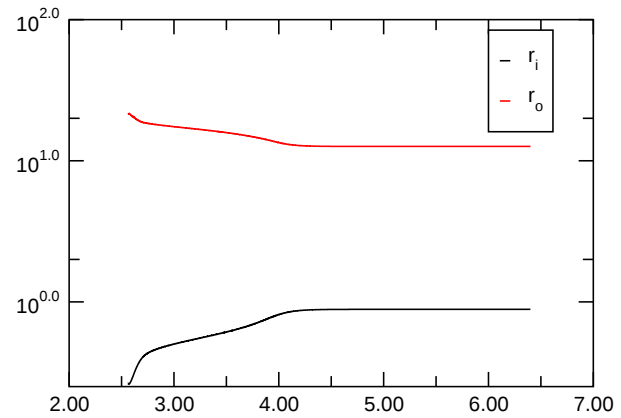
$E_{\text{kin,symm.}}$

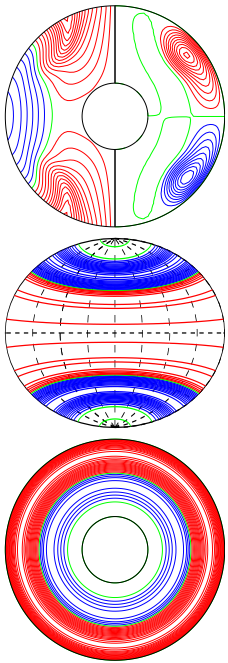


$E_{\text{kin,asymm.}}$

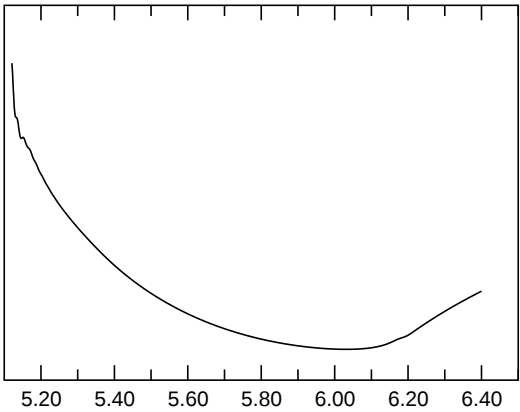


Nusselt Number

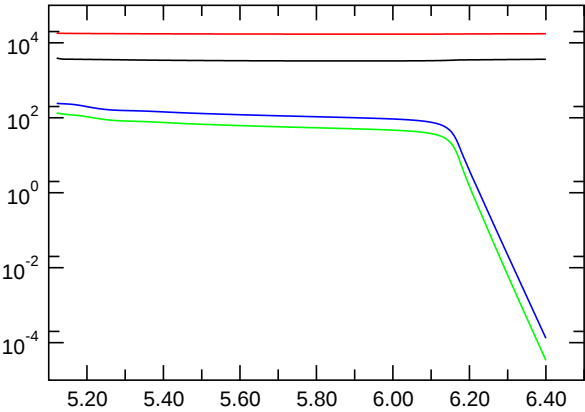




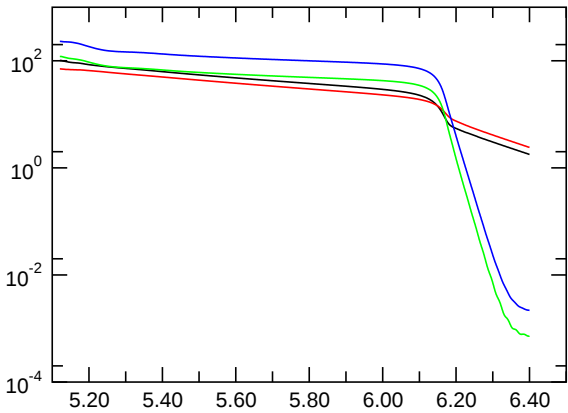
a.e03p1t03r-50000m1n2N2z1.13e5a
 E_{kin}



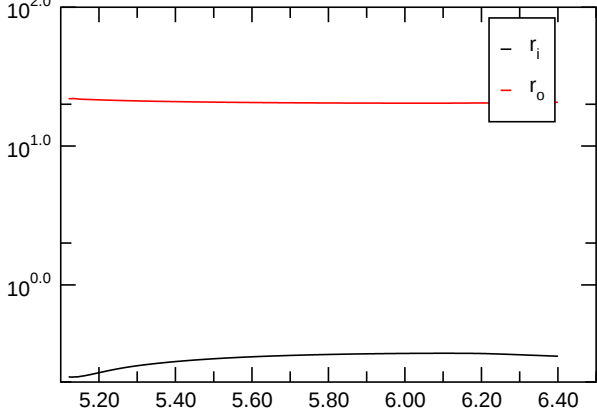
$E_{\text{kin,symm.}}$



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

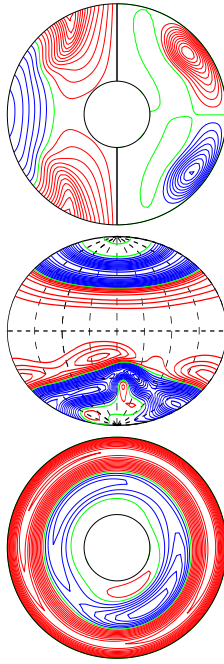


Nusselt Number

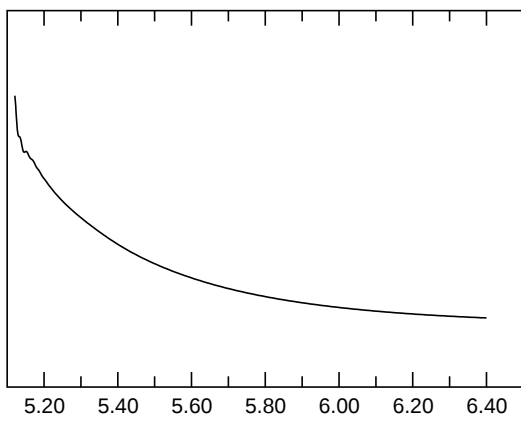


a.e03p1t03r-50000m1n2N2z1.14e5a.2
times: 6.400005

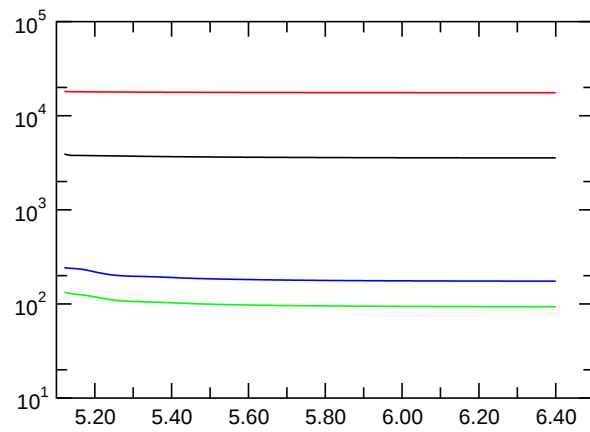
November 19, 2015



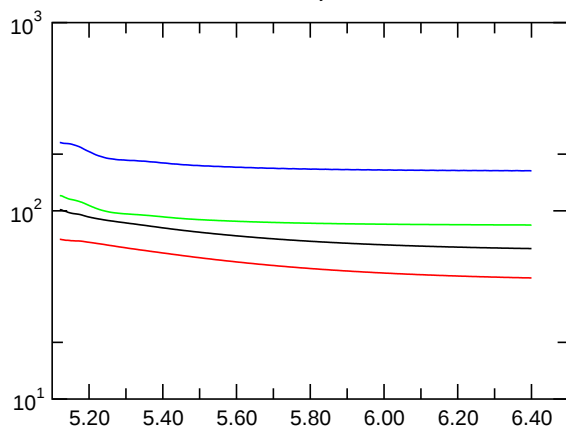
a.e03p1t03r-50000m1n2N2z1.14e5a
 E_{kin}



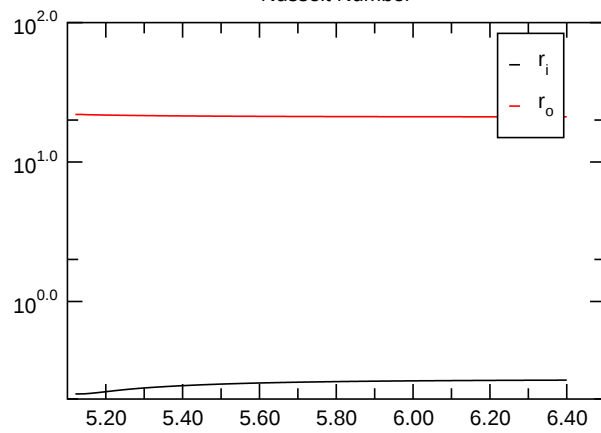
$E_{\text{kin,symm.}}$



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

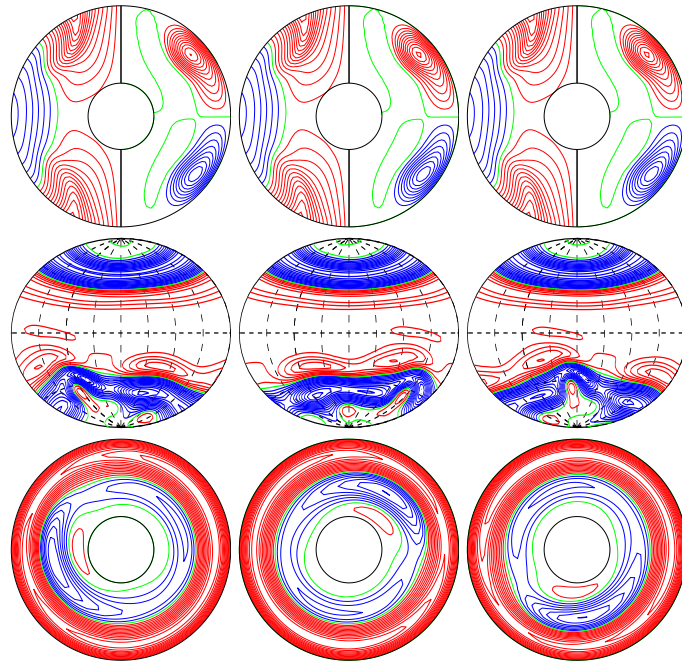


Nusselt Number

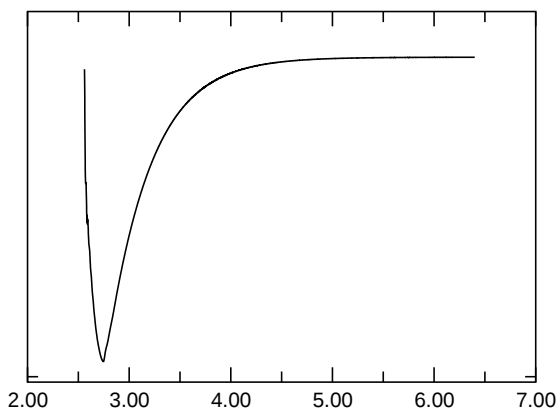


a.e03p1t03r-50000m1n2N2z1.15e5a.4
times: 3.840003 5.120004 6.400005

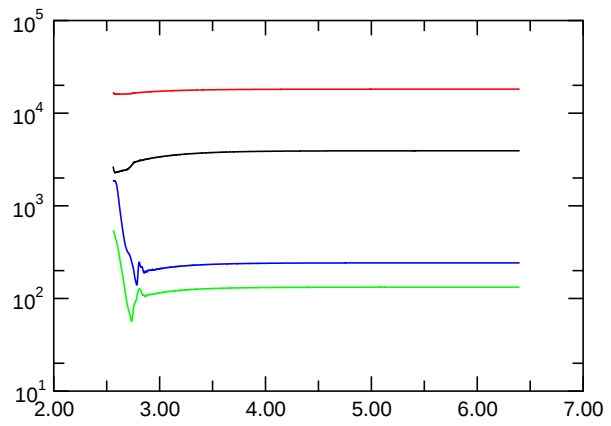
November 19, 2015



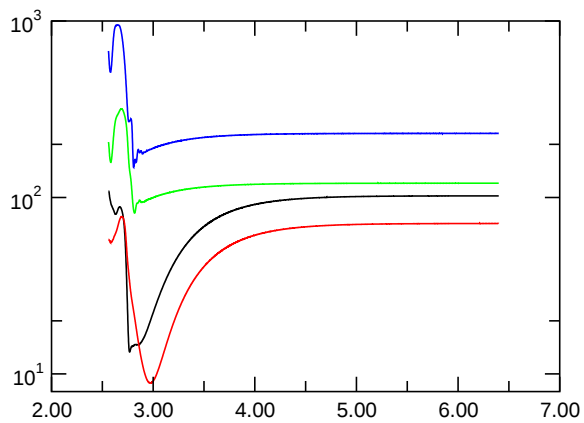
a.e03p1t03r-50000m1n2N2z1.15e5a
 E_{kin}



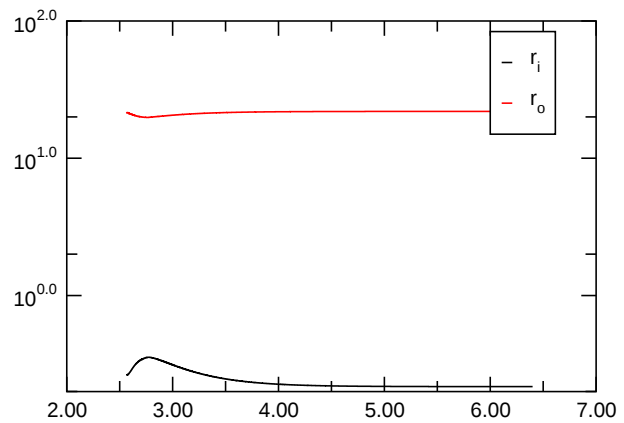
$E_{\text{kin, symm.}}$



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

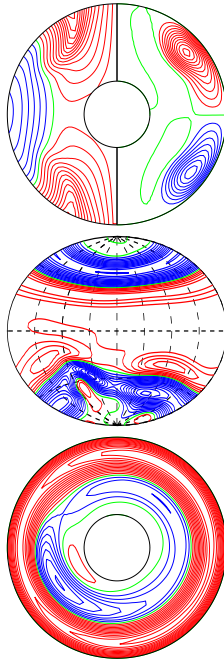


Nusselt Number

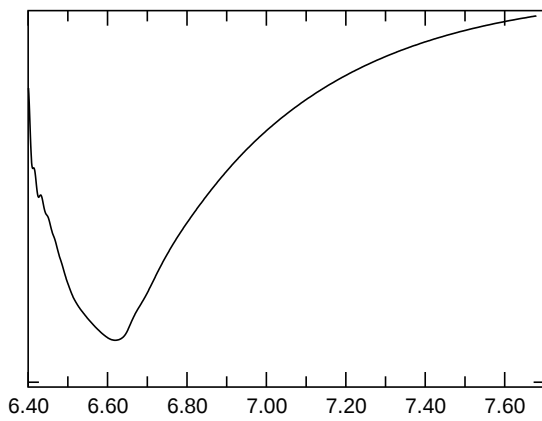


a.e03p1t03r-50000m1n2N2z1.16e5a.2
times: 7.680006

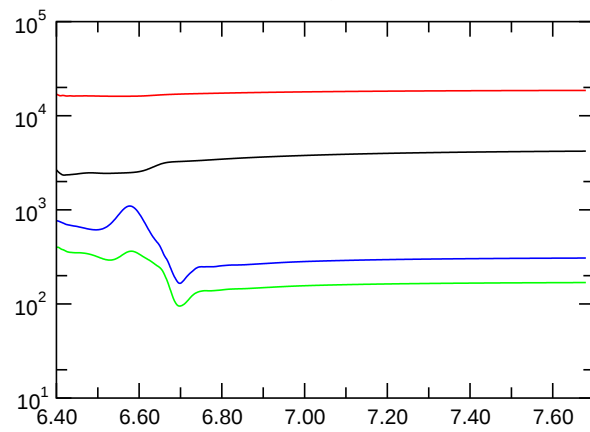
November 19, 2015



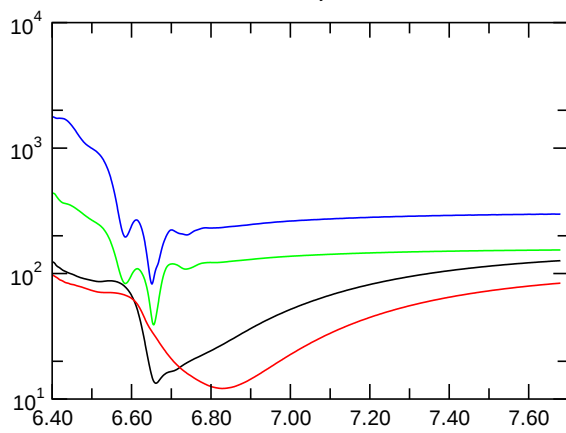
a.e03p1t03r-50000m1n2N2z1.16e5a
 E_{kin}



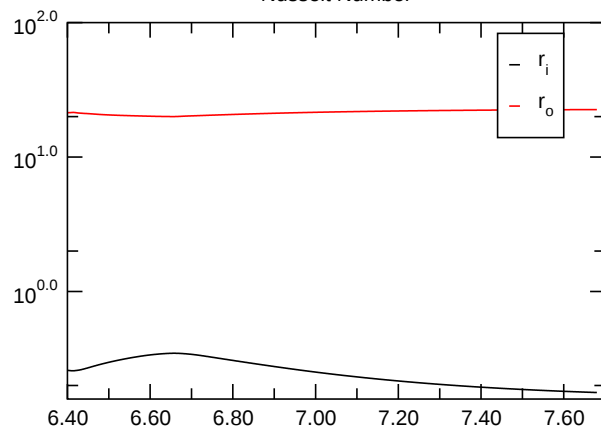
$E_{\text{kin,symm.}}$



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

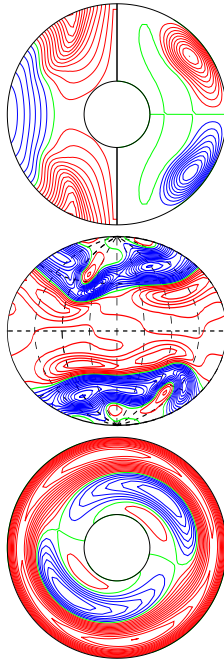


Nusselt Number

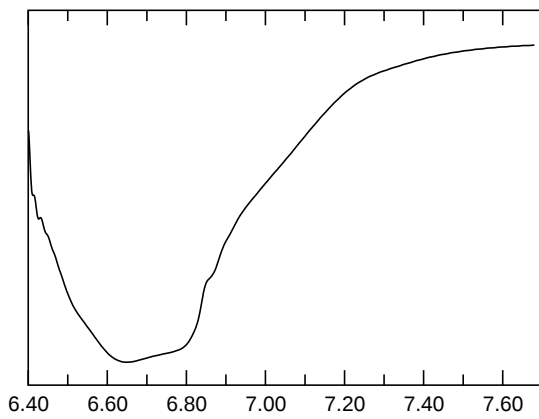


a.e03p1t03r-50000m1n2N2z1.18e5a.2
times: 7.680006

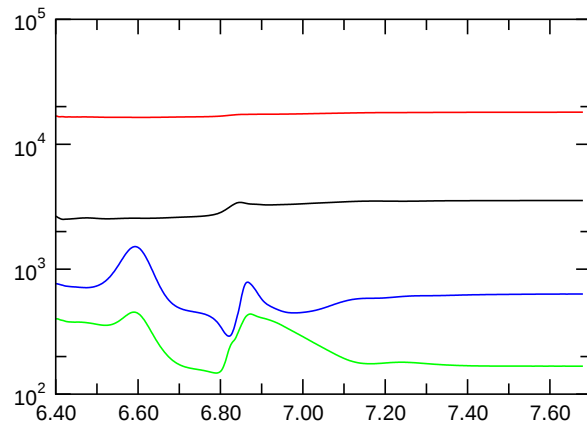
November 19, 2015



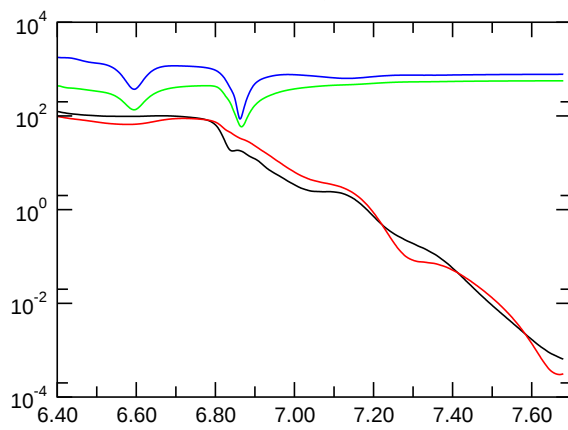
a.e03p1t03r-50000m1n2N2z1.18e5a
 E_{kin}



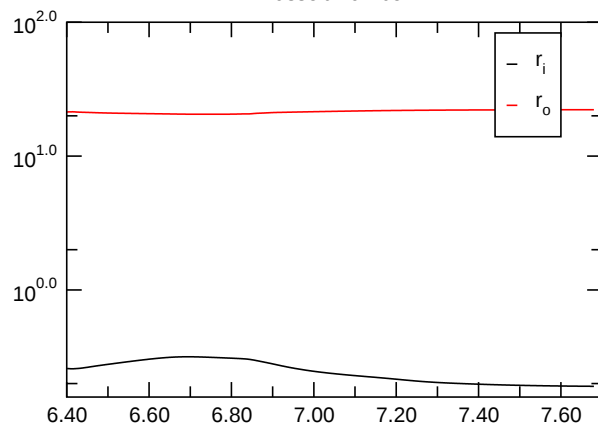
$E_{\text{kin,symm.}}$



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

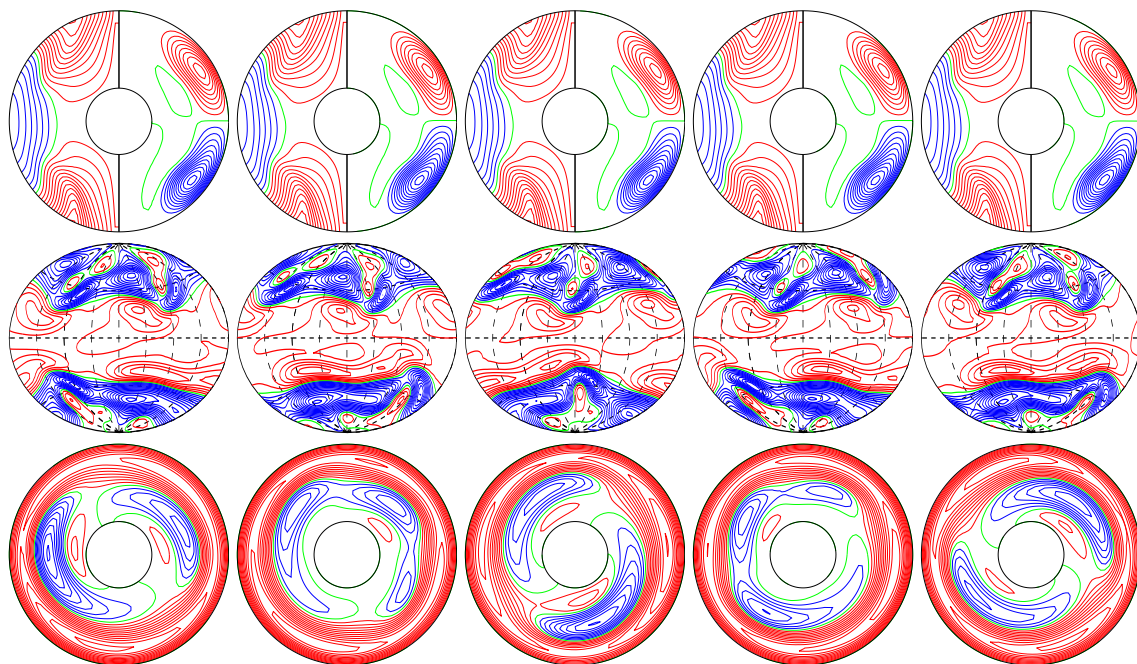


Nusselt Number

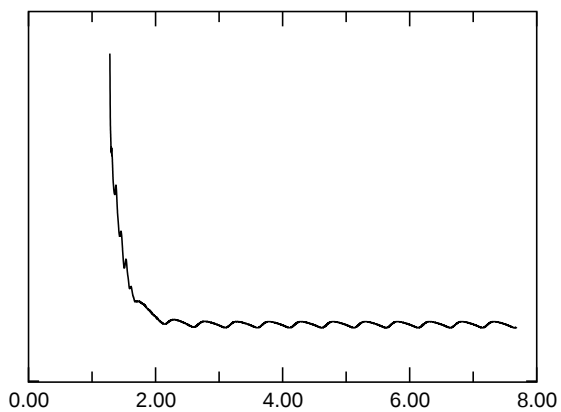


a.e03p1t03r-50000m1n2N2z1.2e5a.6
times: 2.560002 3.840003 5.120004 6.400005 7.680006

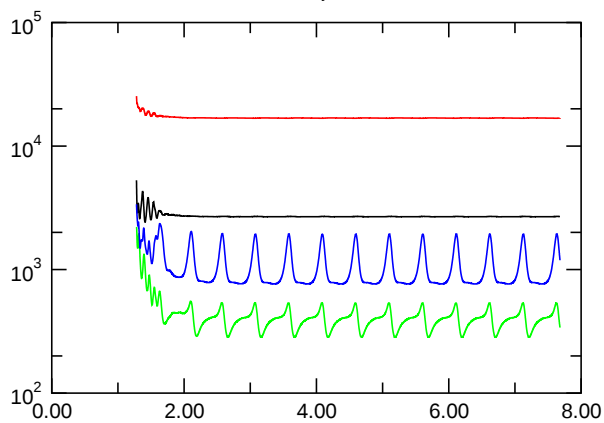
November 19, 2015



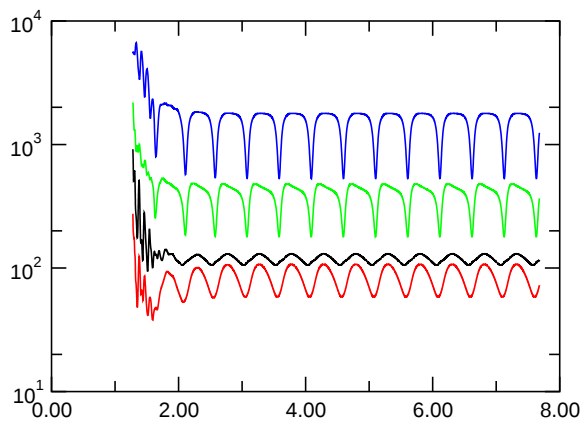
a.e03p1t03r-50000m1n2N2z1.2e5a
 E_{kin}



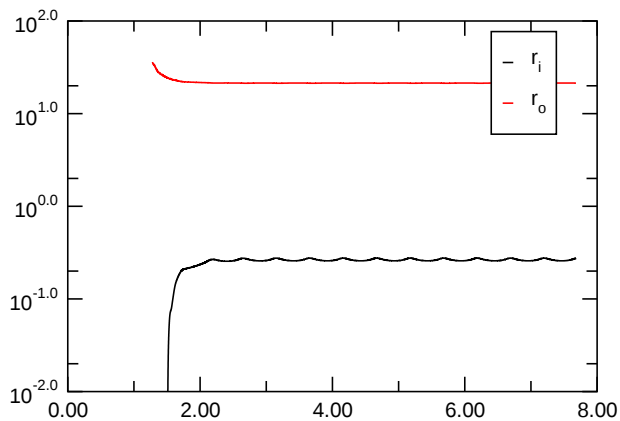
$E_{\text{kin, symm.}}$



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

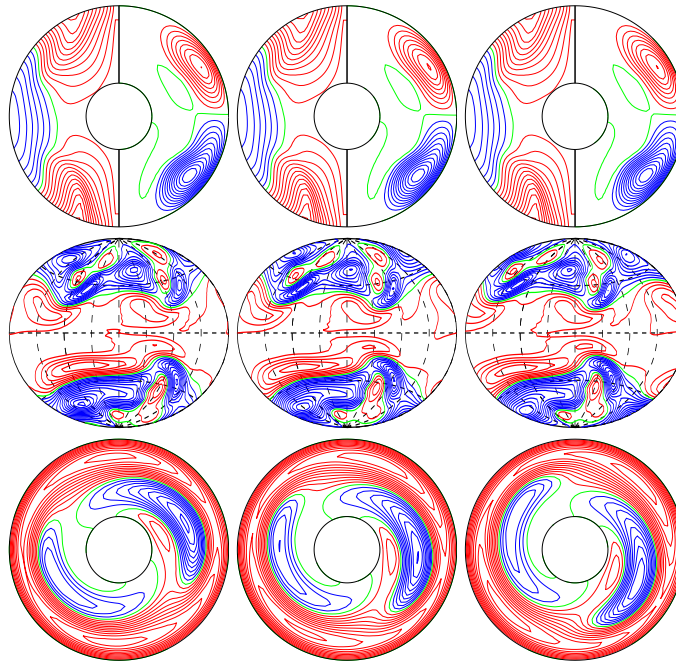


Nusselt Number

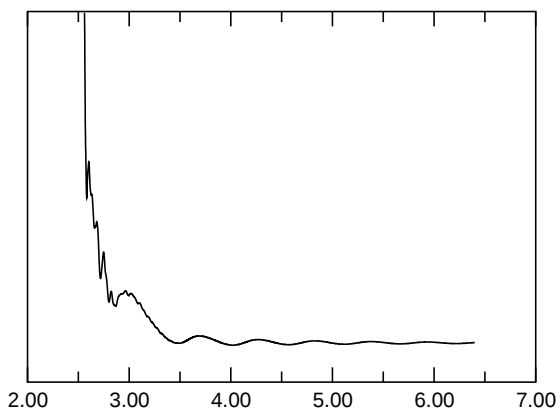


a.e03p1t03r-50000m1n2N2z1.25e5a.4
times: 3.840003 5.120004 6.400005

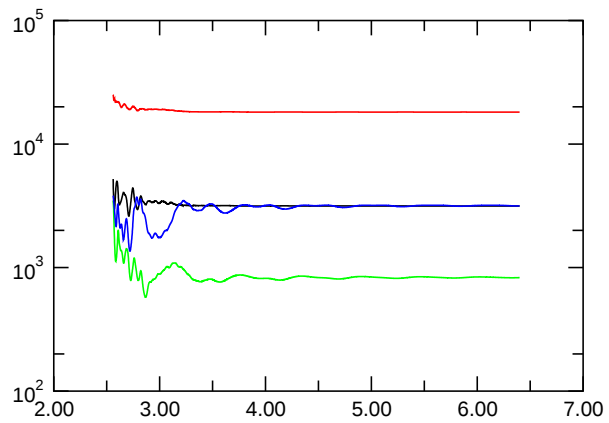
November 19, 2015



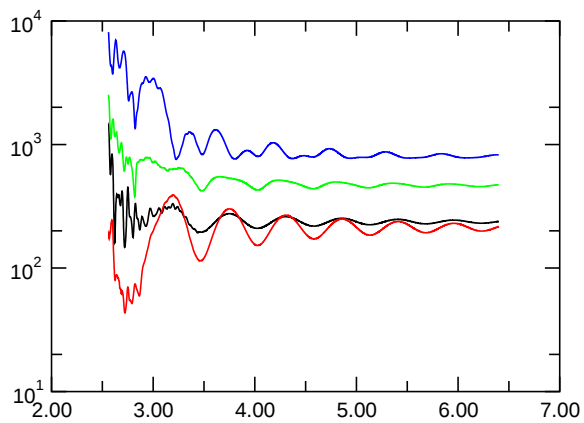
a.e03p1t03r-50000m1n2N2z1.25e5a
 E_{kin}



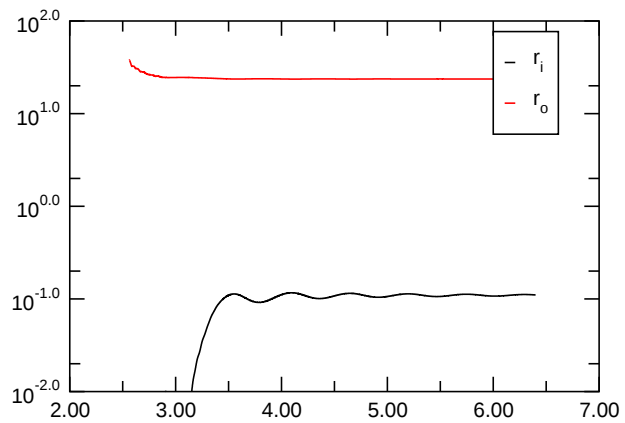
$E_{\text{kin, symm.}}$



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

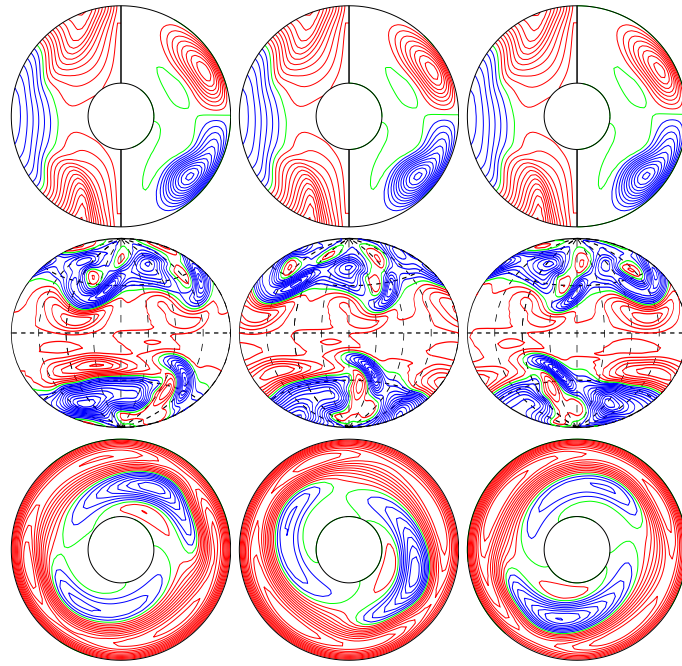


Nusselt Number

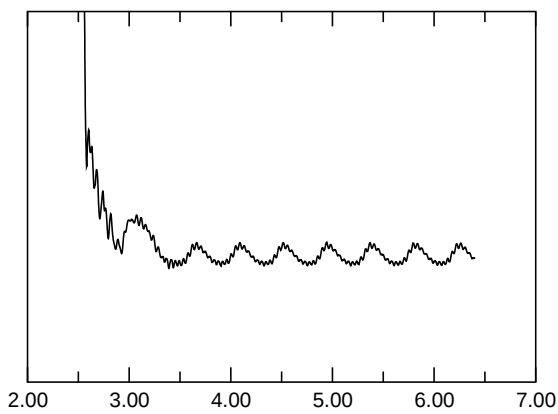


a.e03p1t03r-50000m1n2N2z1.3e5a.4
times: 3.840003 5.120004 6.400005

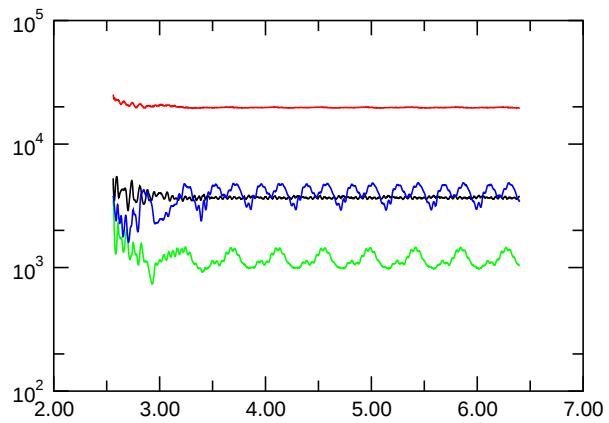
November 19, 2015



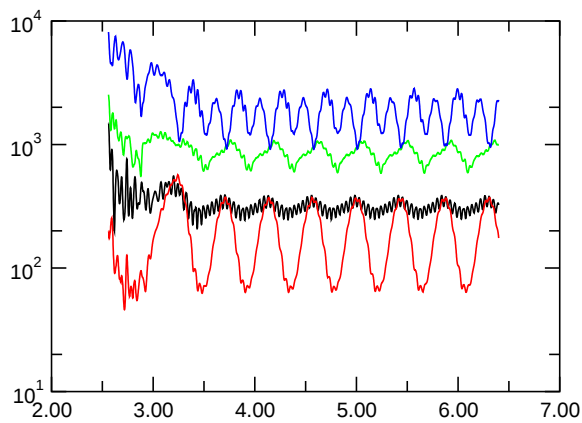
a.e03p1t03r-50000m1n2N2z1.3e5a
 E_{kin}



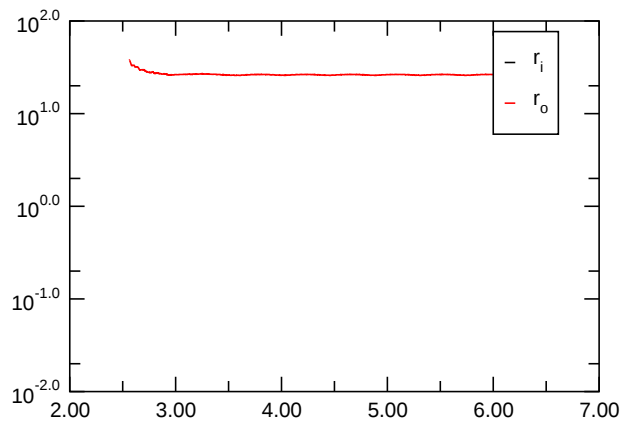
$E_{\text{kin,symm.}}$



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

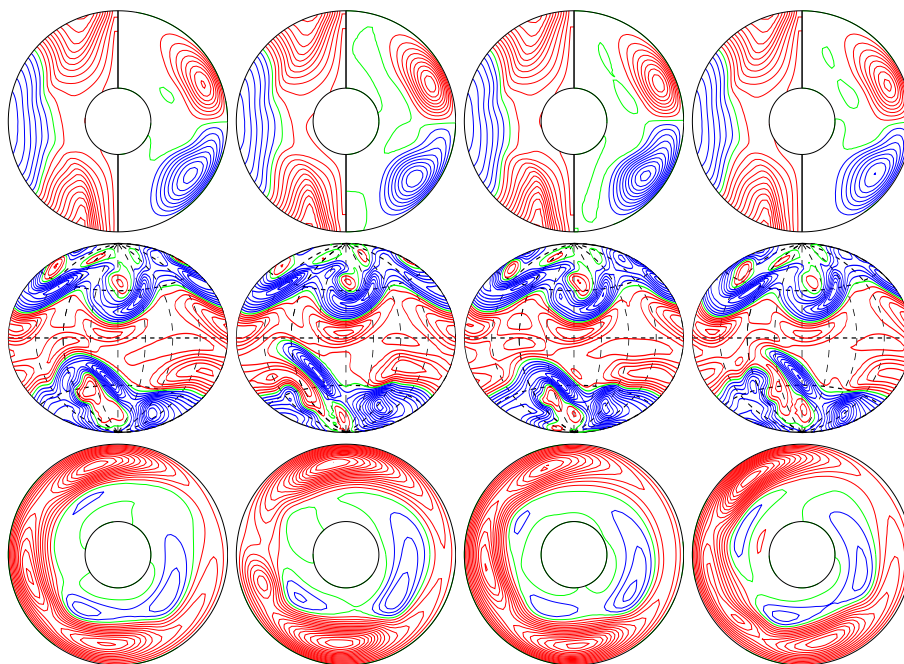


Nusselt Number

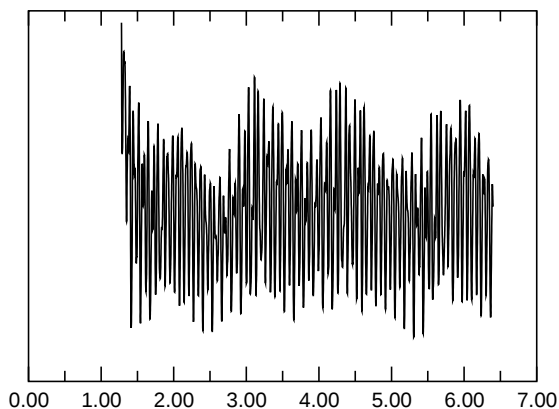


a.e03p1t03r-50000m1n2N2z1.4e5a.5
times: 2.560002 3.840003 5.120004 6.400005

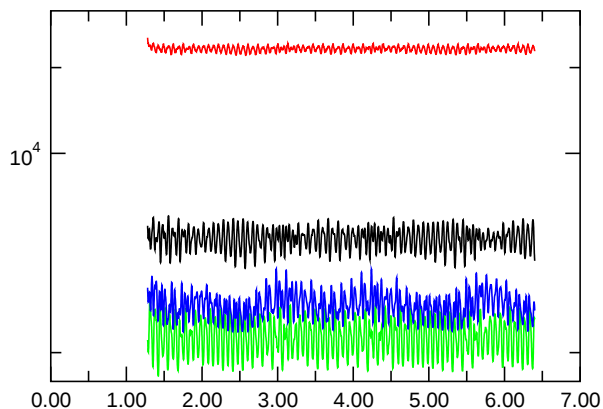
November 19, 2015



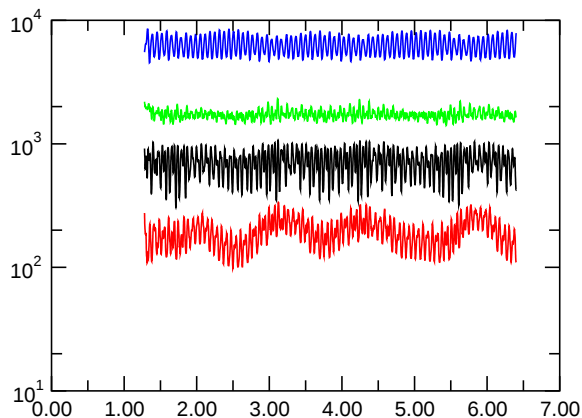
a.e03p1t03r-50000m1n2N2z1.4e5a
 E_{kin}



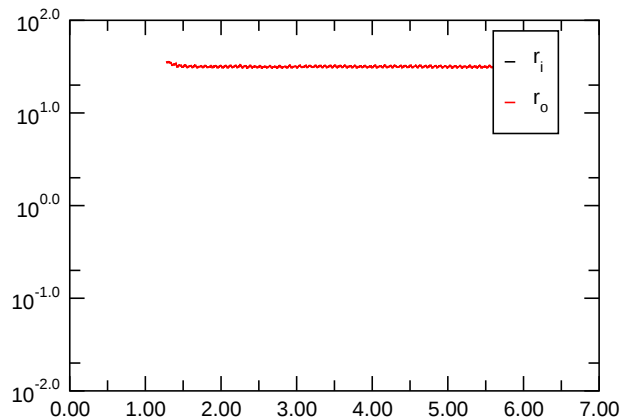
$E_{\text{kin,symm.}}$



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



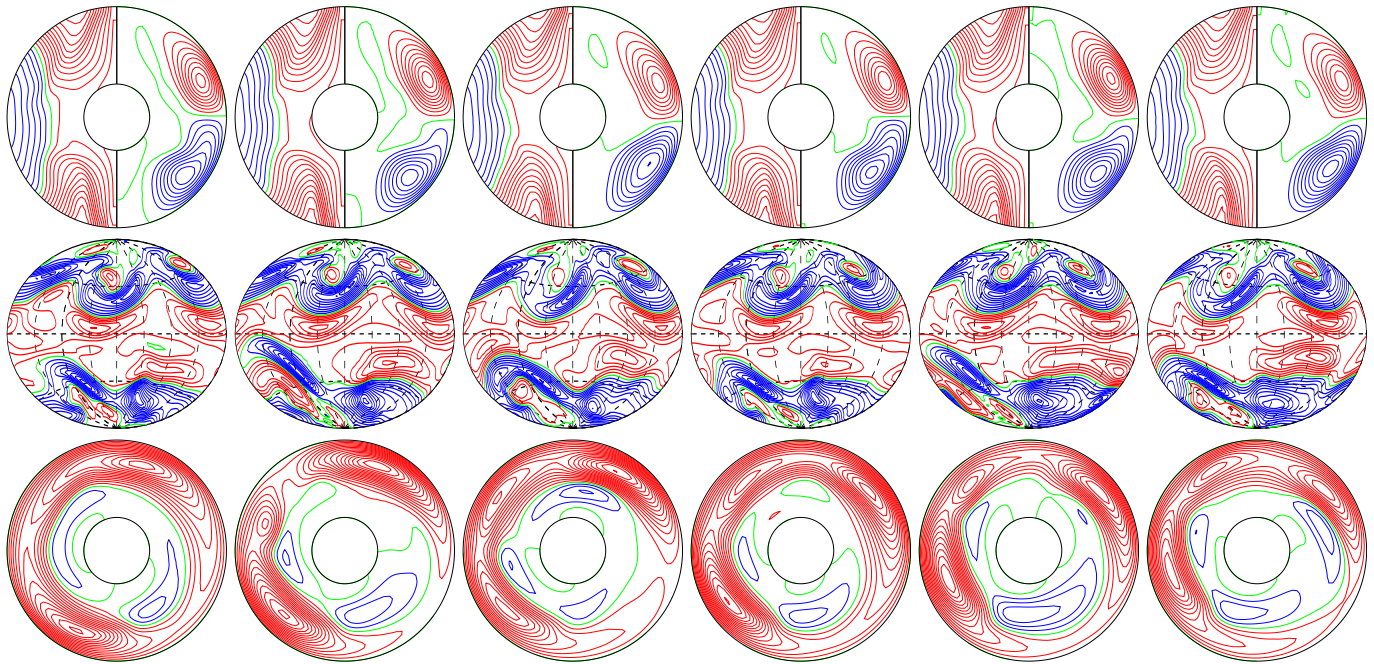
Nusselt Number



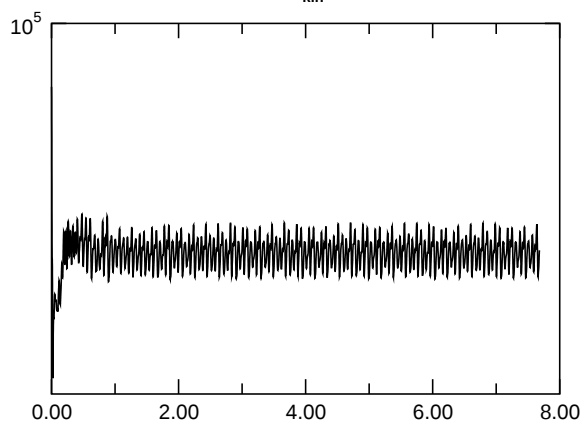
a.e03p1t03r-50000m1n2N2z1.5e5a.7

November 19, 2015

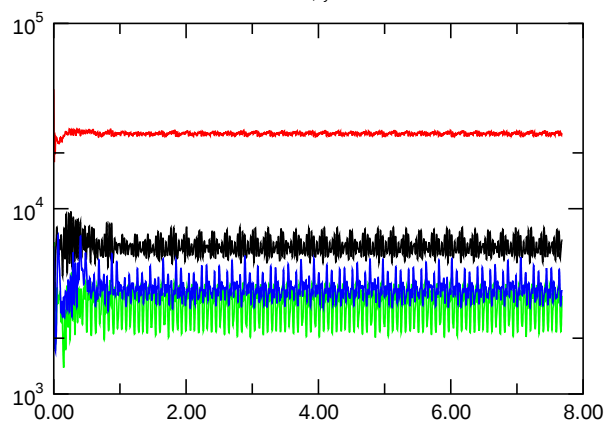
times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006



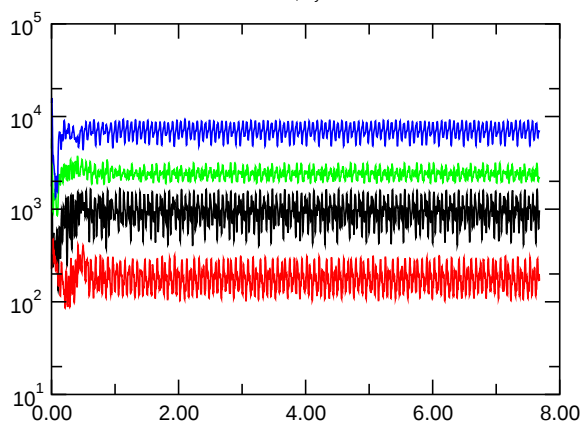
a.e03p1t03r-50000m1n2N2z1.5e5a
 E_{kin}



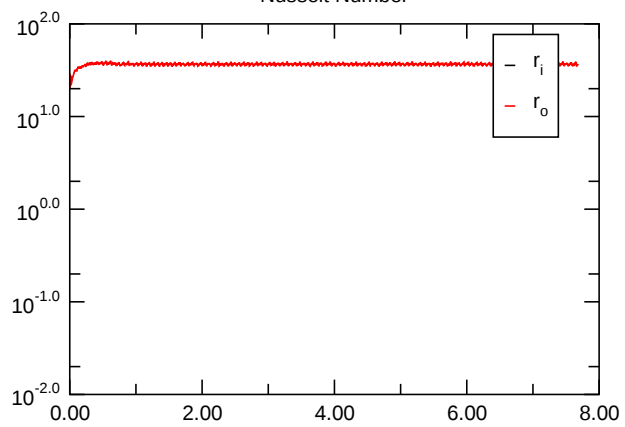
$E_{\text{kin, symm.}}$



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



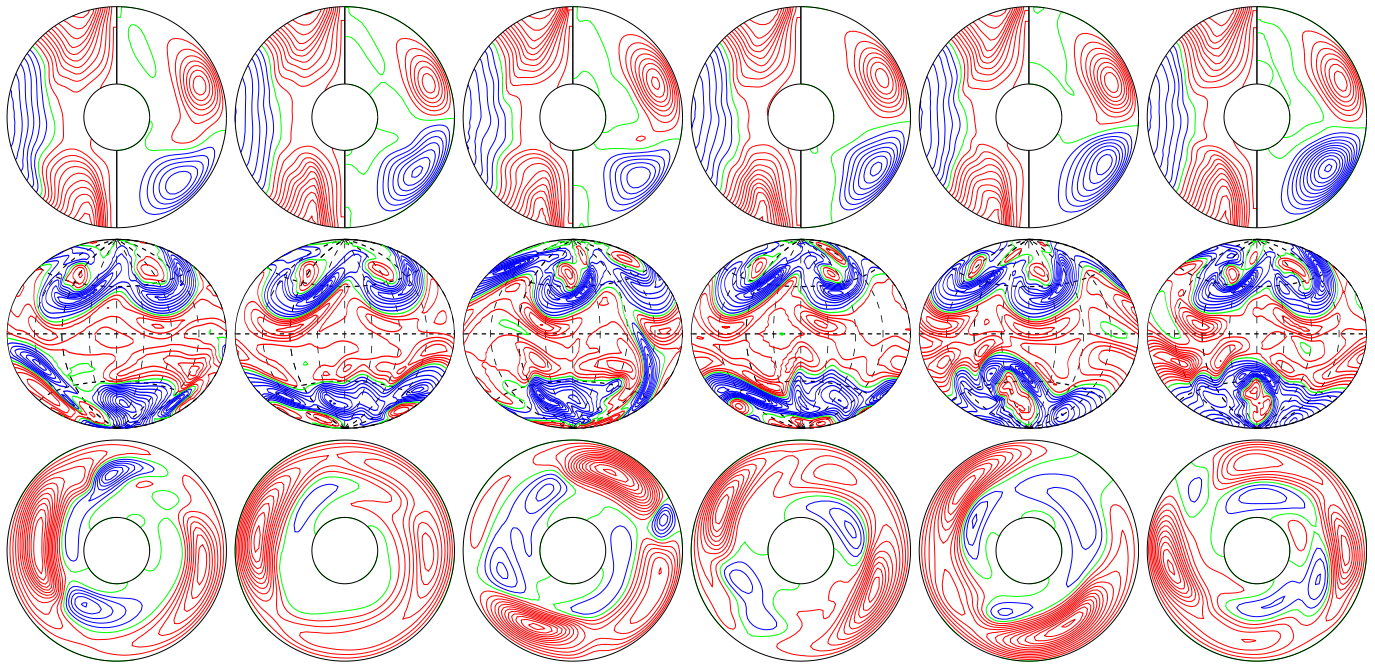
Nusselt Number



a.e03p1t03r-50000m1n2N2z1.8e5a.7

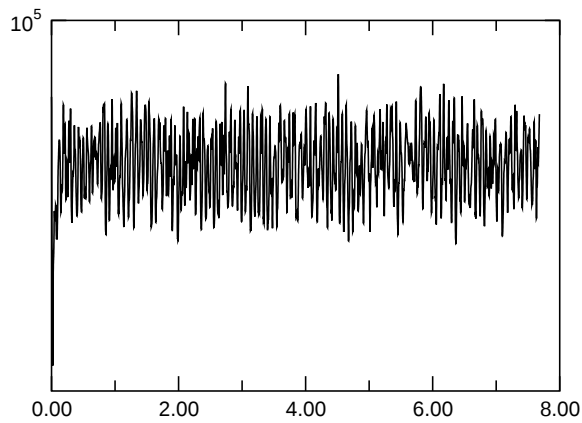
times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

November 19, 2015

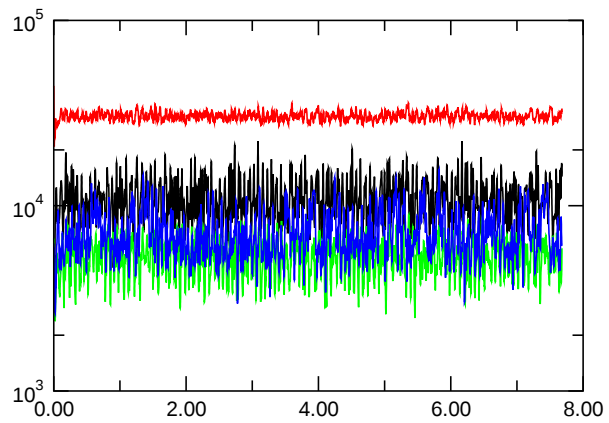


a.e03p1t03r-50000m1n2N2z1.8e5a

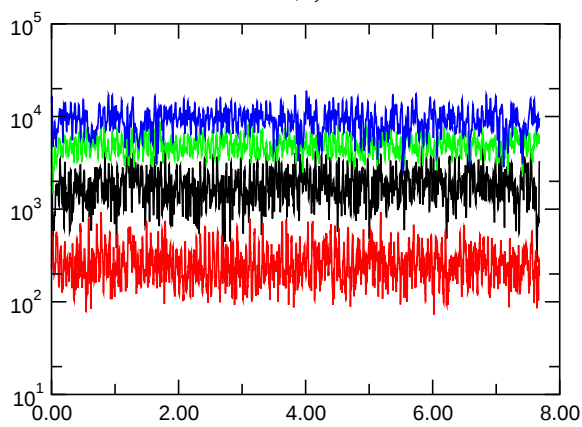
E_{kin}



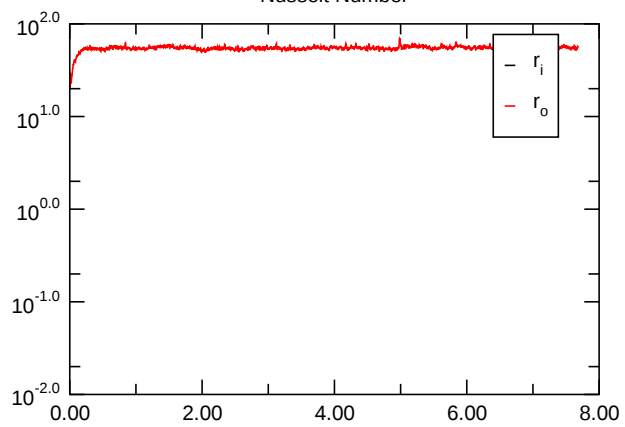
$E_{\text{kin, symm.}}$



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



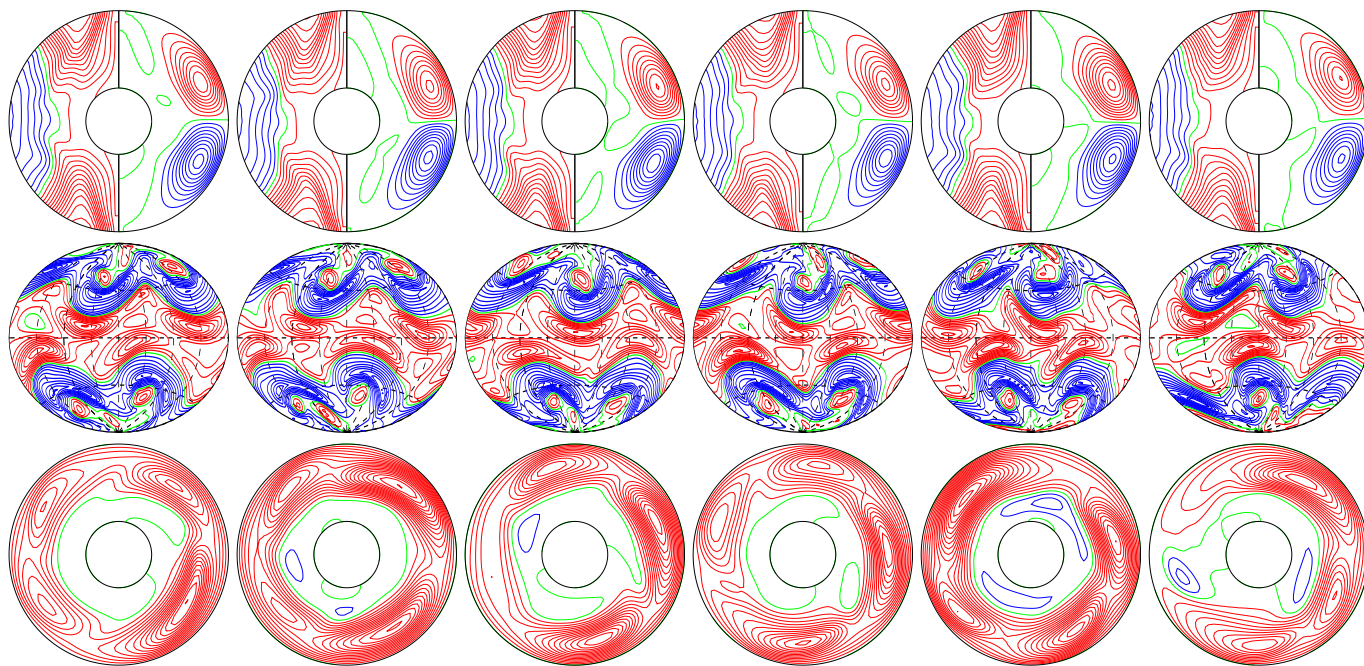
Nusselt Number



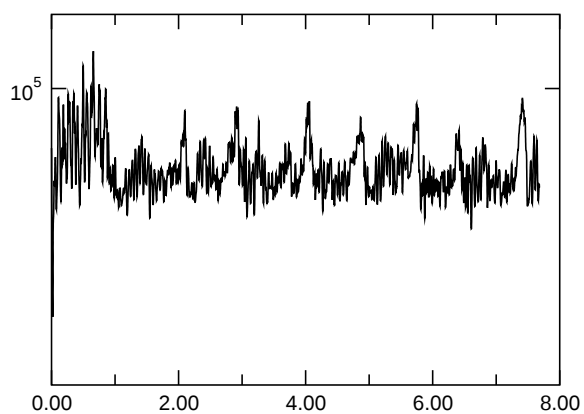
a.e03p1t03r-50000m1n2Nz2.0e5a.7

November 19, 2015

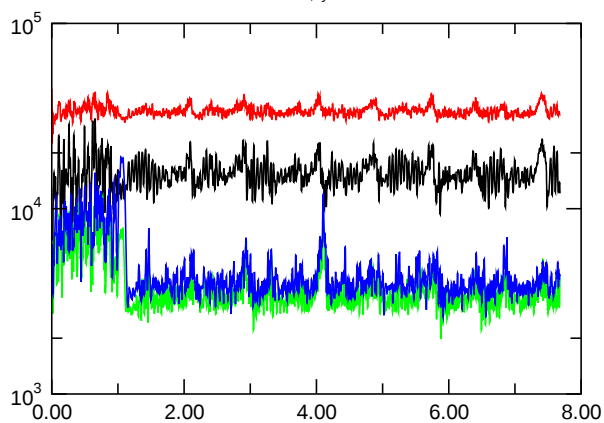
times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006



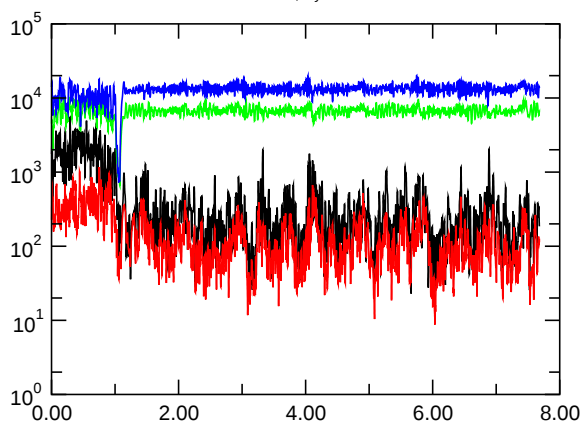
a.e03p1t03r-50000m1n2Nz2.0e5a
 E_{kin}



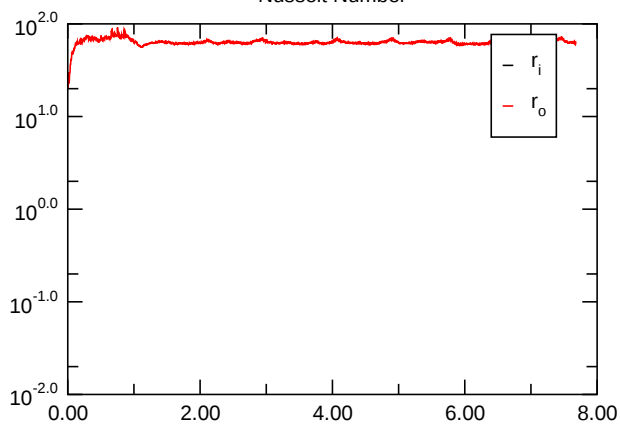
$E_{\text{kin,symm.}}$



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

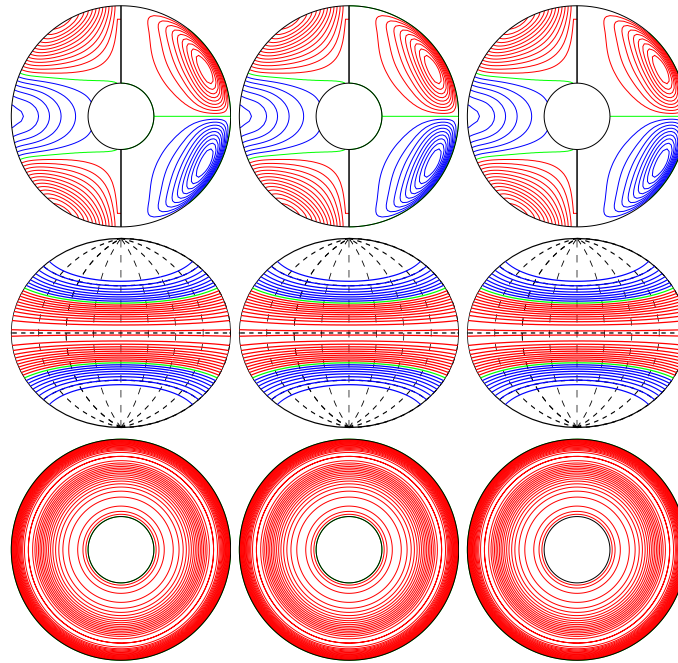


Nusselt Number



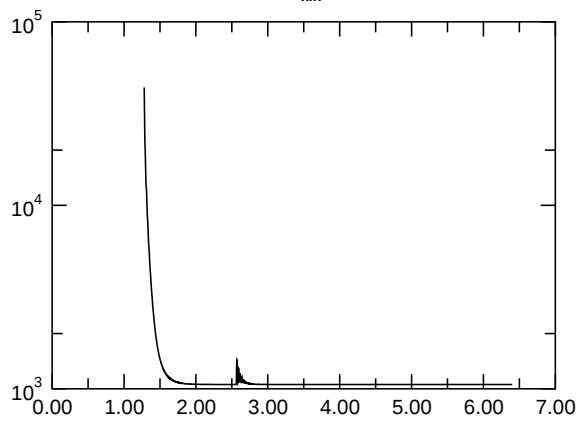
a.e03p1t03r-50000m1n2N2z0.4e5ac.5
times: 3.840003 5.120004 6.400005

November 19, 2015

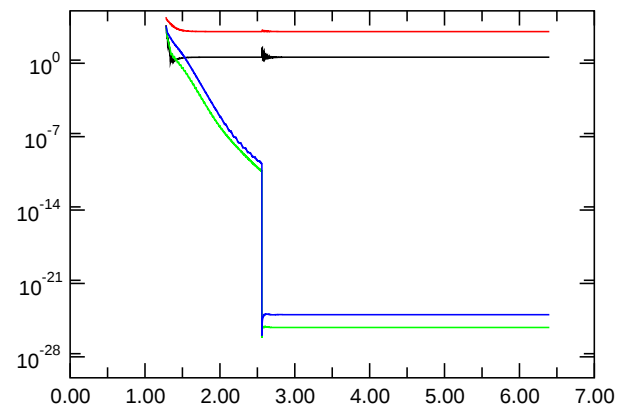


a.e03p1t03r-50000m1n2N2z0.4e5ac

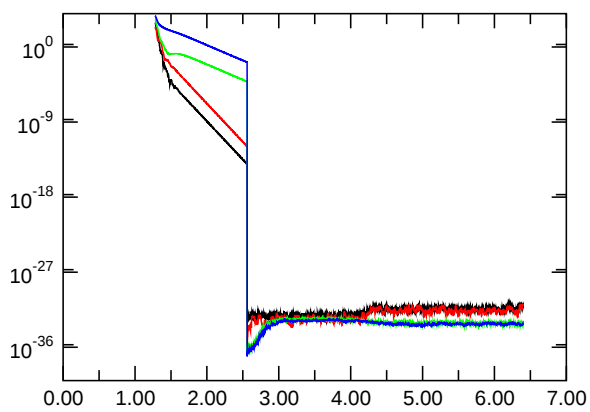
E_{kin}



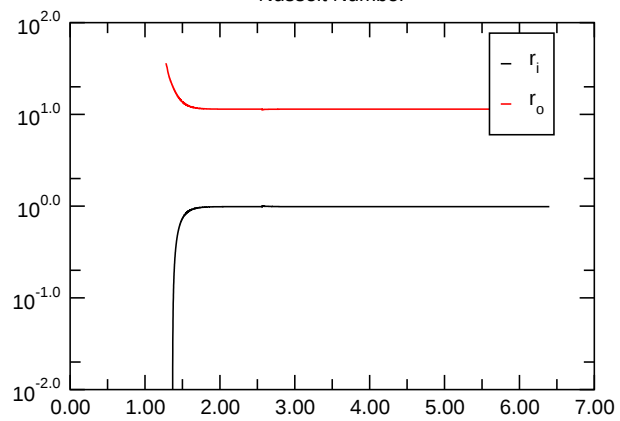
$E_{\text{kin,symm.}}$



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

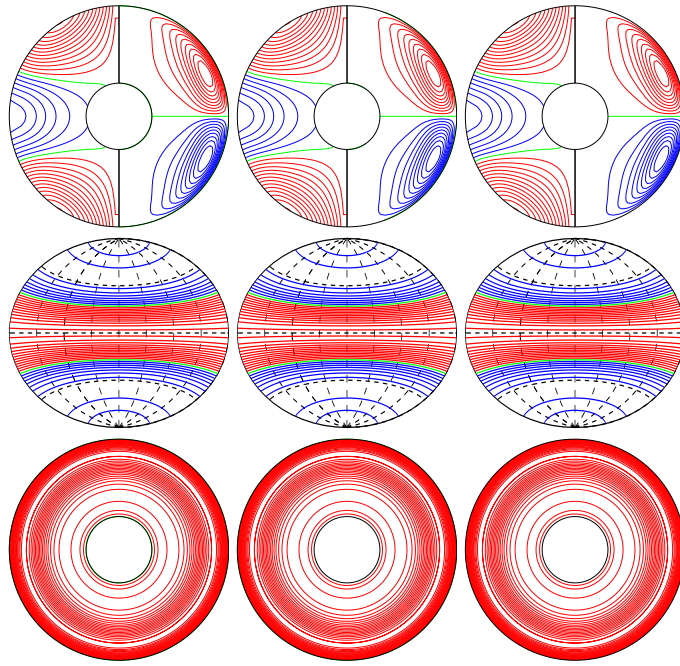


Nusselt Number



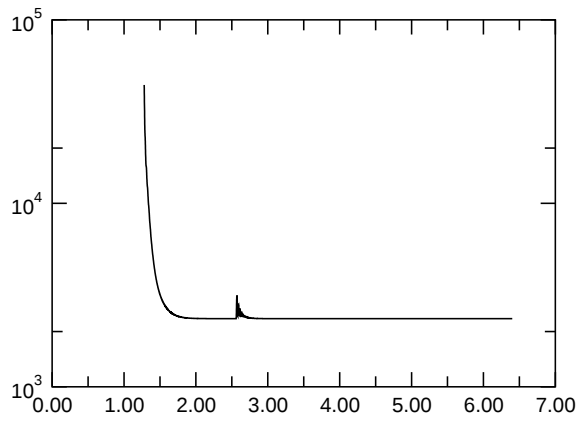
a.e03p1t03r-50000m1n2N2z0.6e5ac.5
times: 3.840003 5.120004 6.400005

November 19, 2015

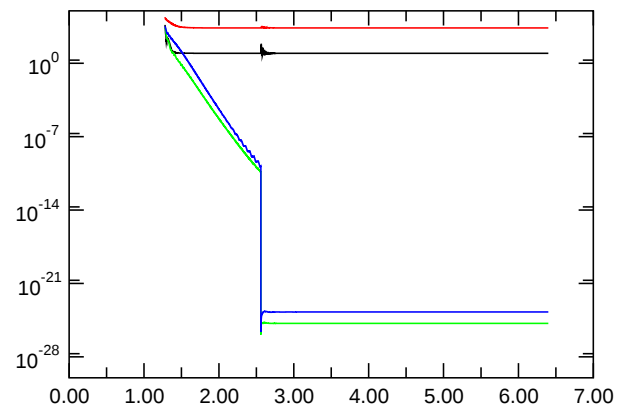


a.e03p1t03r-50000m1n2N2z0.6e5ac

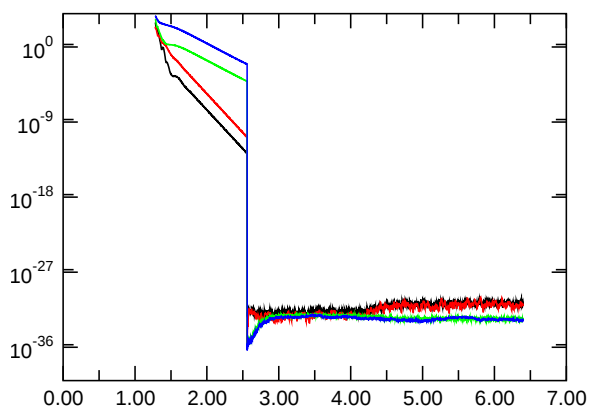
E_{kin}



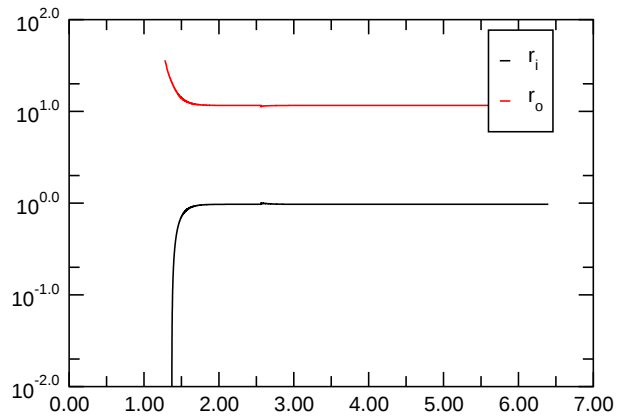
$E_{\text{kin,symm.}}$



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

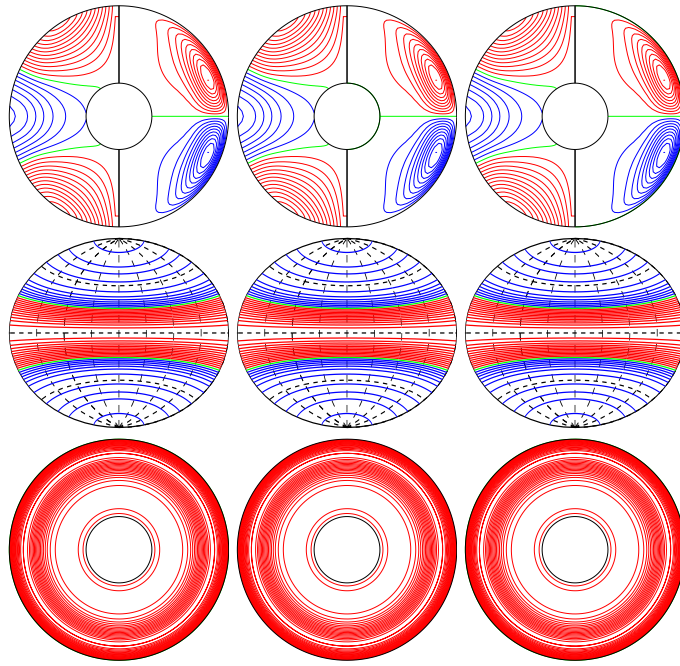


Nusselt Number



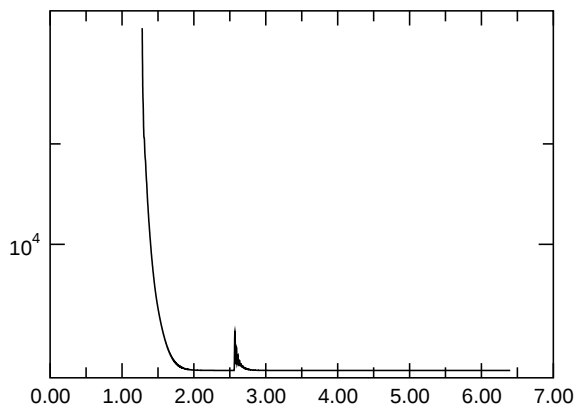
a.e03p1t03r-50000m1n2N2z0.8e5ac.5
times: 3.840003 5.120004 6.400005

November 19, 2015

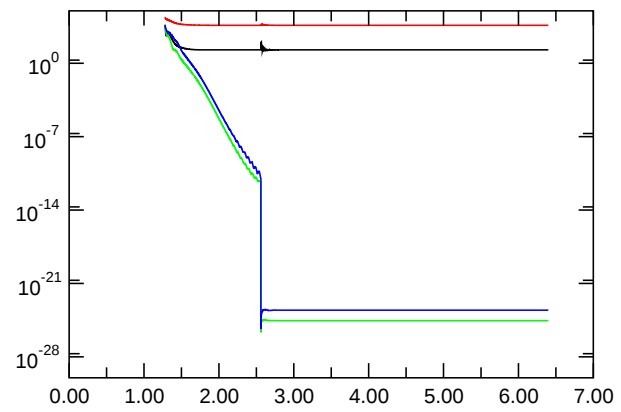


a.e03p1t03r-50000m1n2N2z0.8e5ac

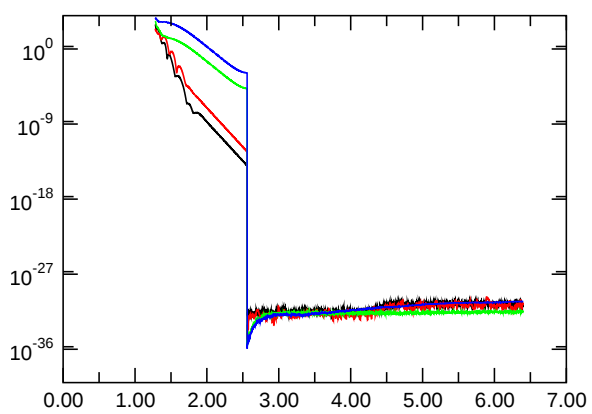
E_{kin}



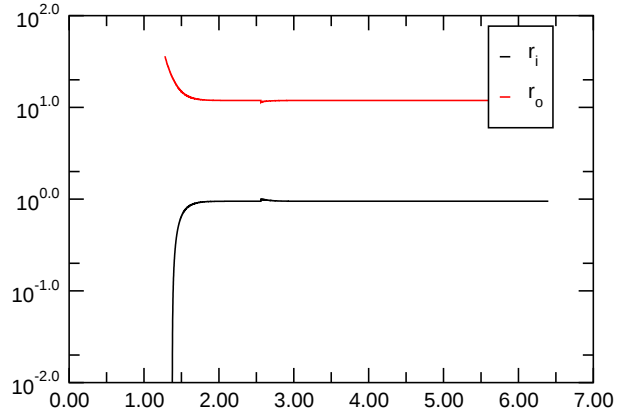
$E_{\text{kin,symm.}}$



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

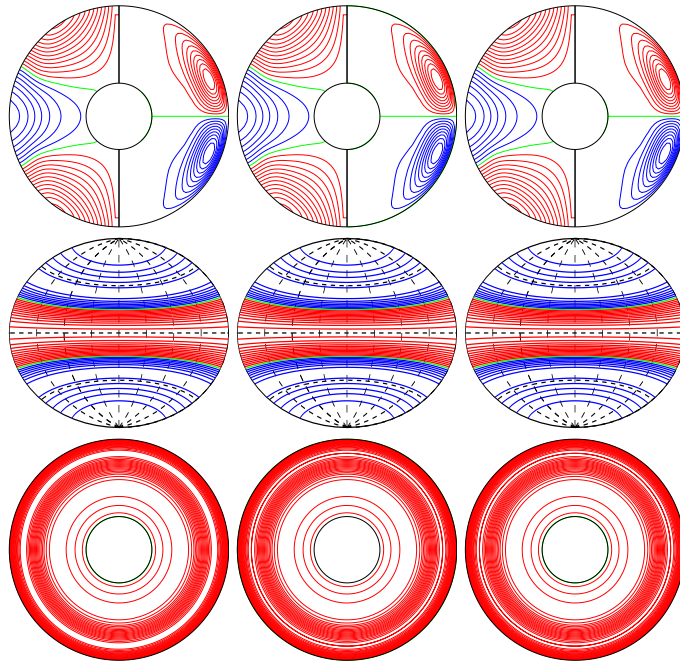


Nusselt Number

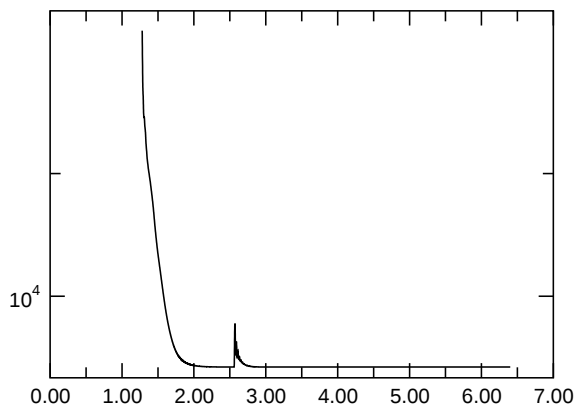


a.e03p1t03r-50000m1n2N2z1.0e5ac.5
times: 3.840003 5.120004 6.400005

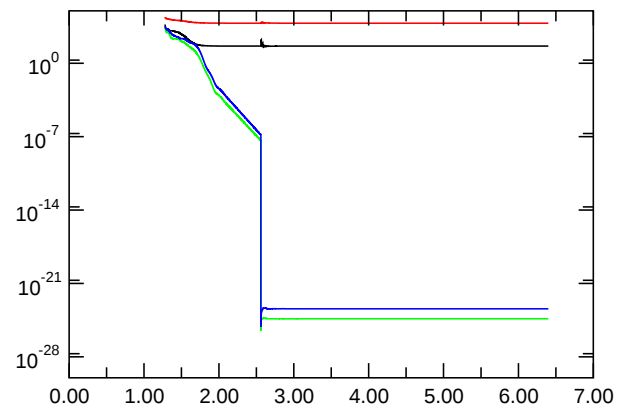
November 19, 2015



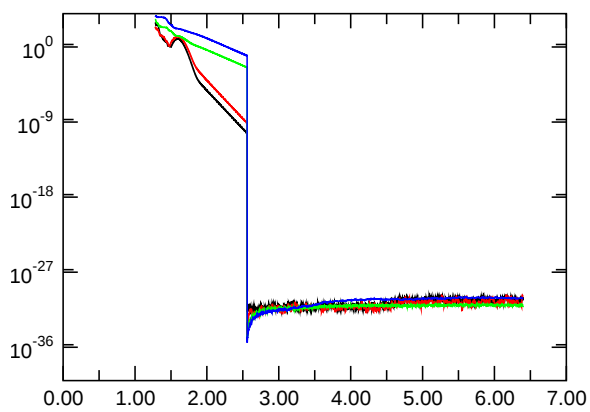
a.e03p1t03r-50000m1n2N2z1.0e5ac
 E_{kin}



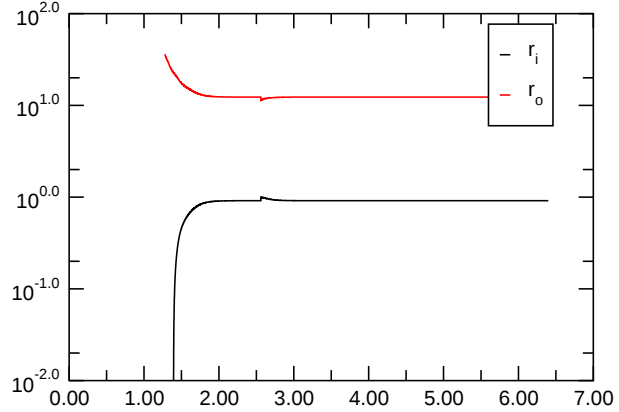
$E_{\text{kin,symm.}}$



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

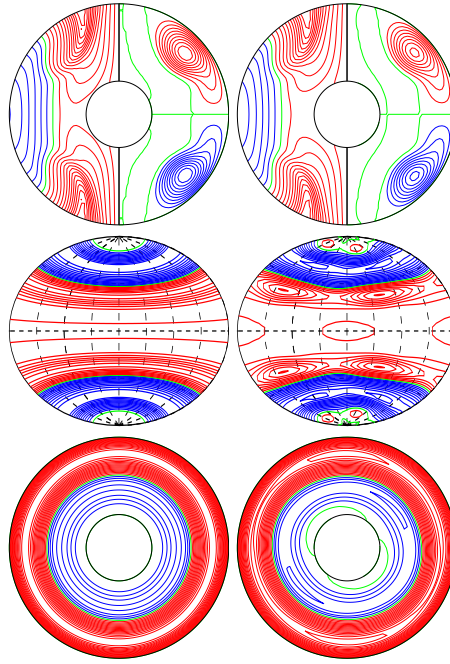


Nusselt Number

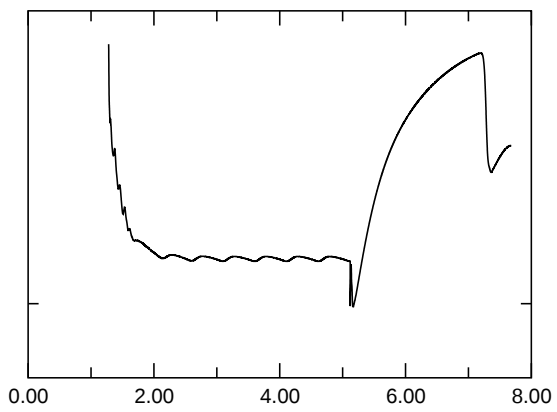


a.e03p1t03r-50000m1n2N2z1.2e5ac.4
times: 6.400005 7.680006

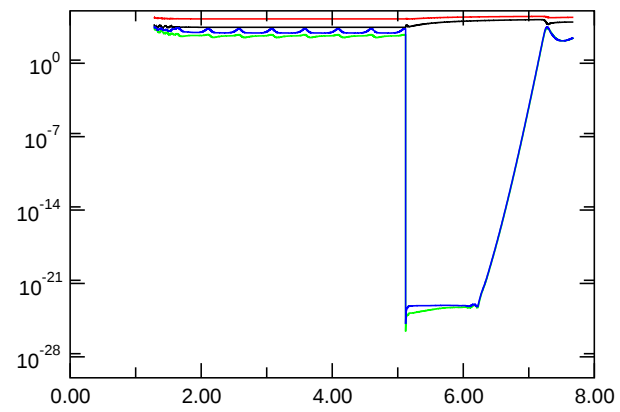
November 19, 2015



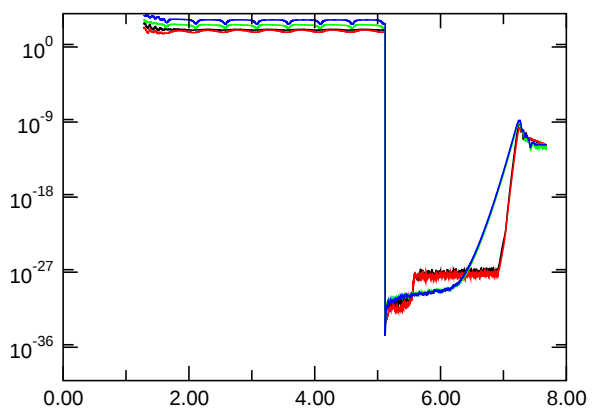
a.e03p1t03r-50000m1n2N2z1.2e5ac
 E_{kin}



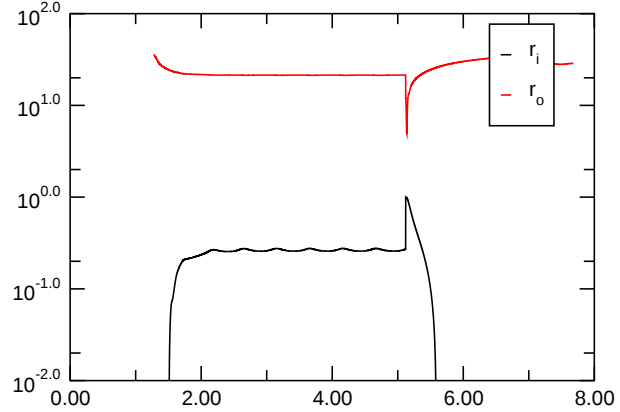
$E_{\text{kin,symm.}}$



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

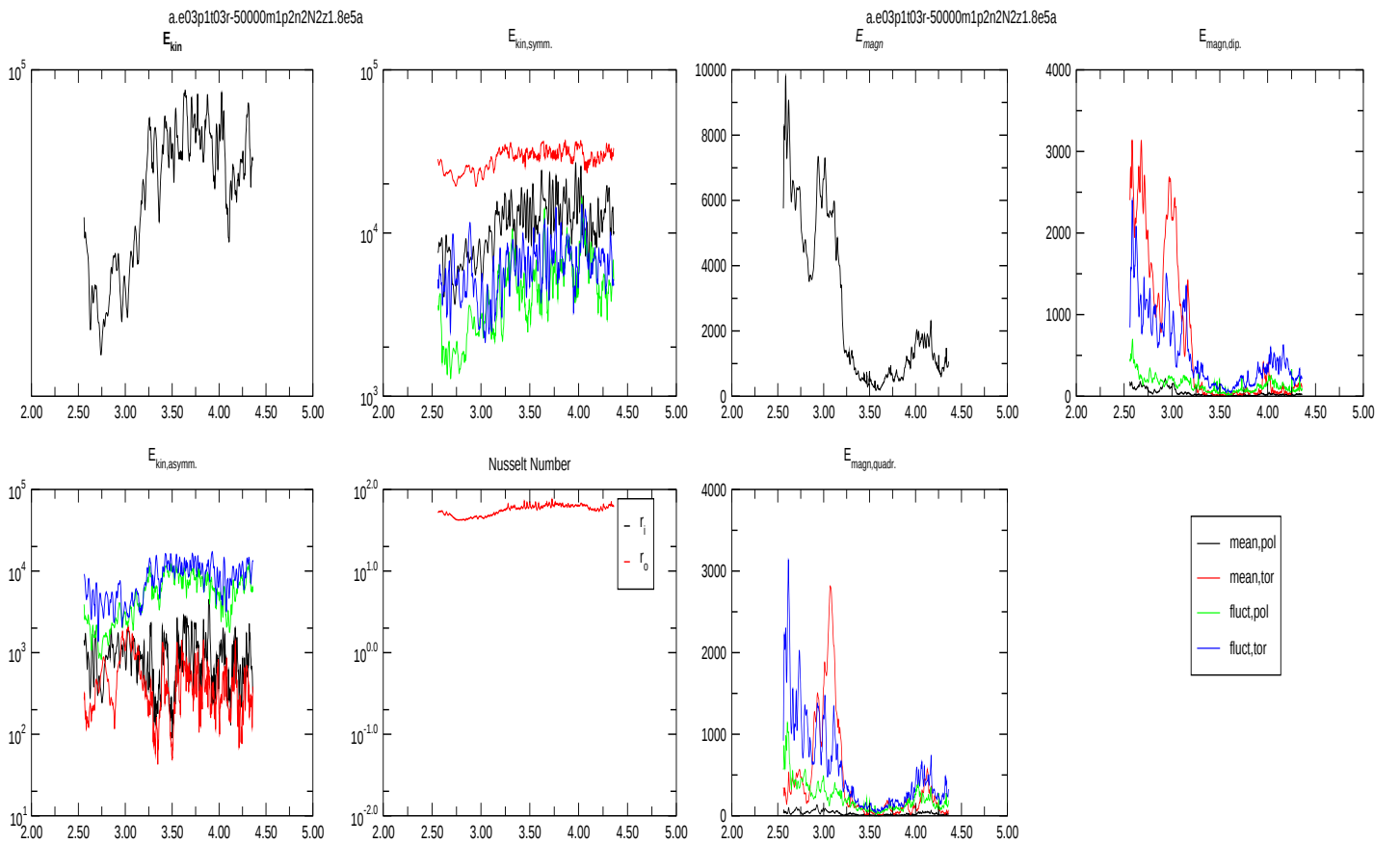
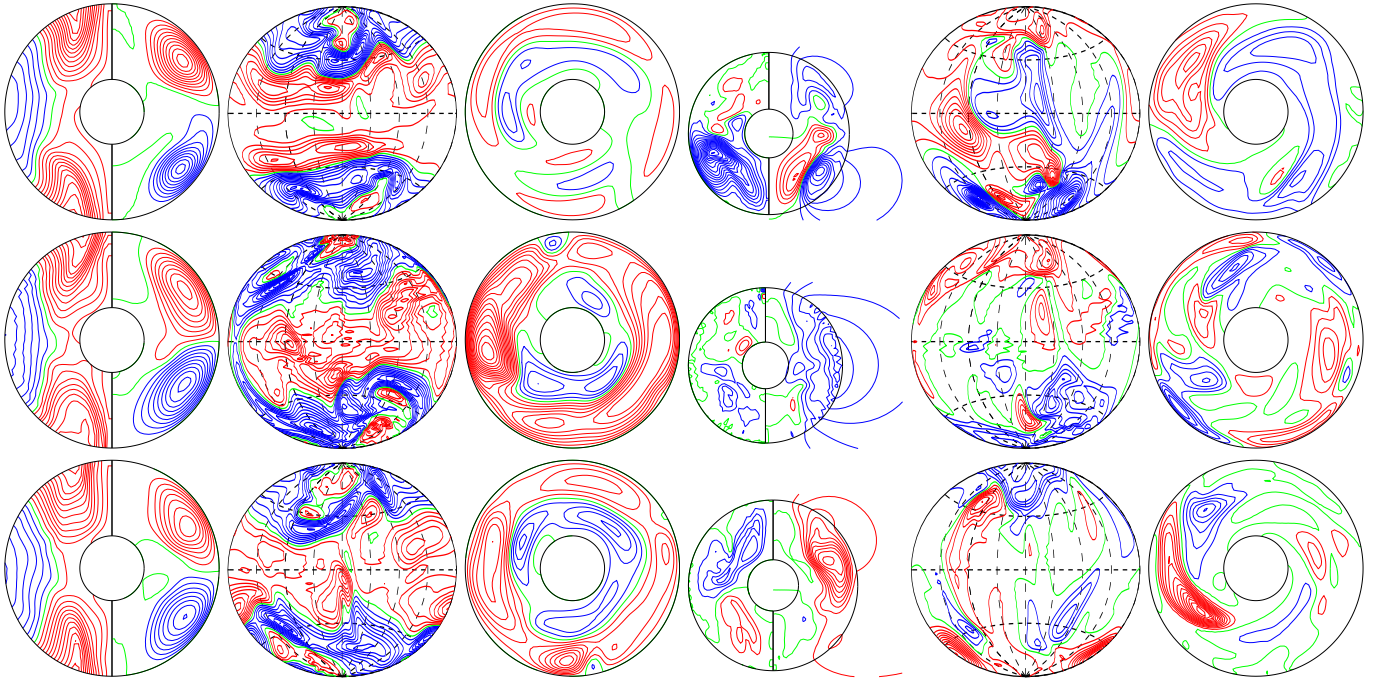


Nusselt Number



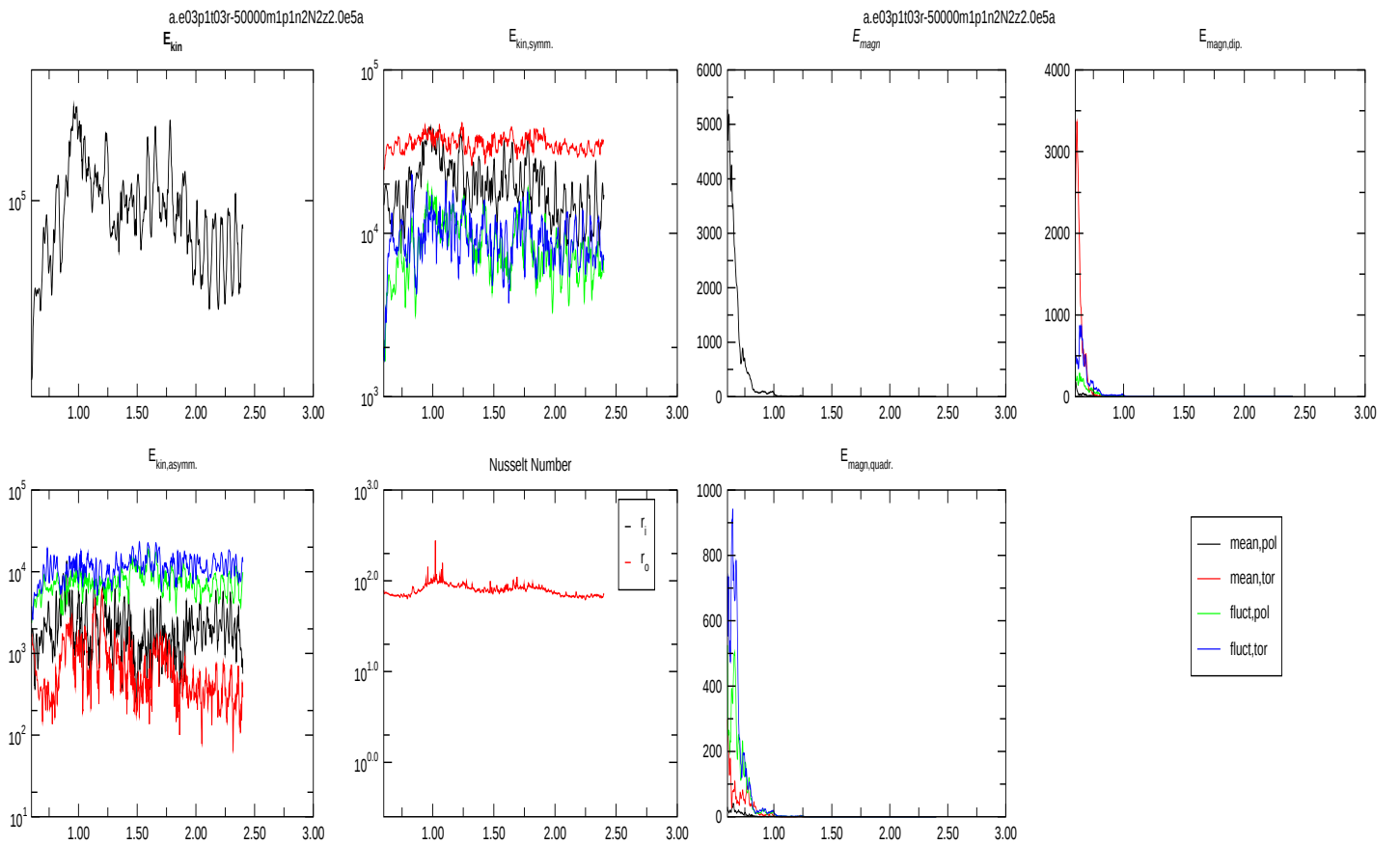
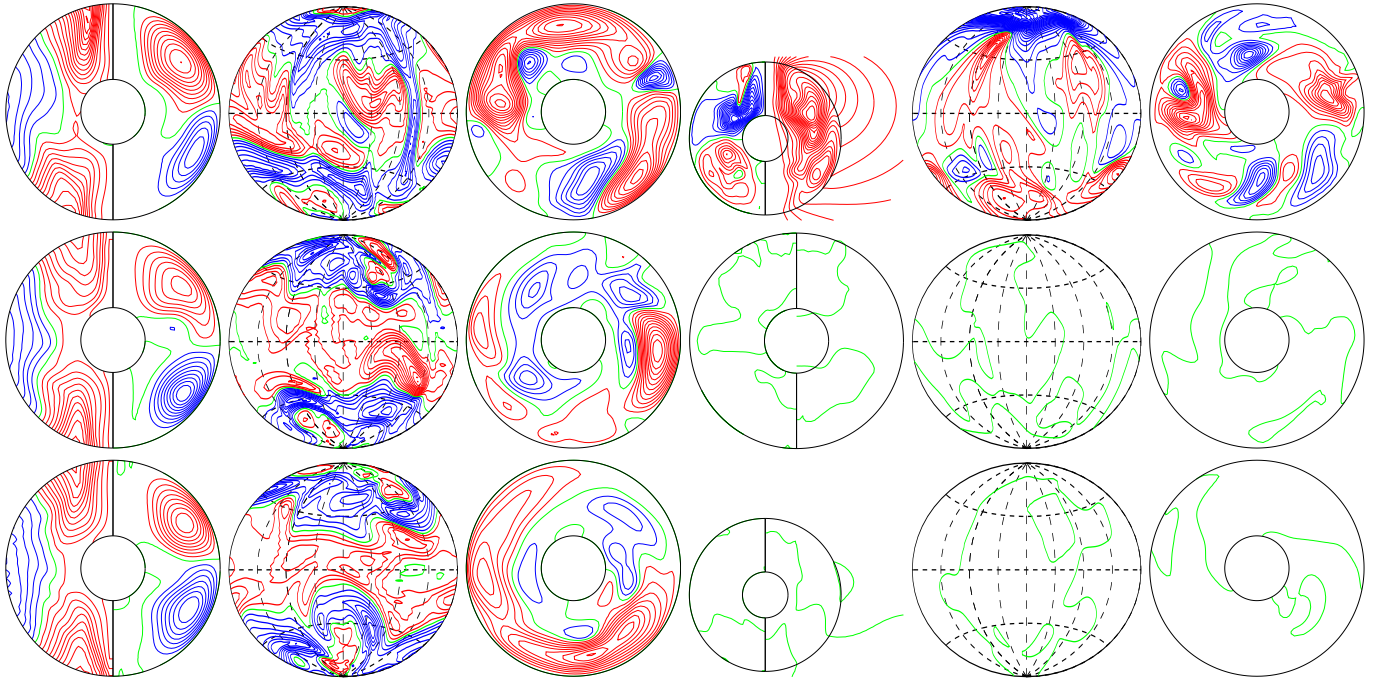
a.e03p1t03r-50000m1p2n2N2z1.8e5a.4
times: 3.160003 3.760004 4.360005

November 19, 2015



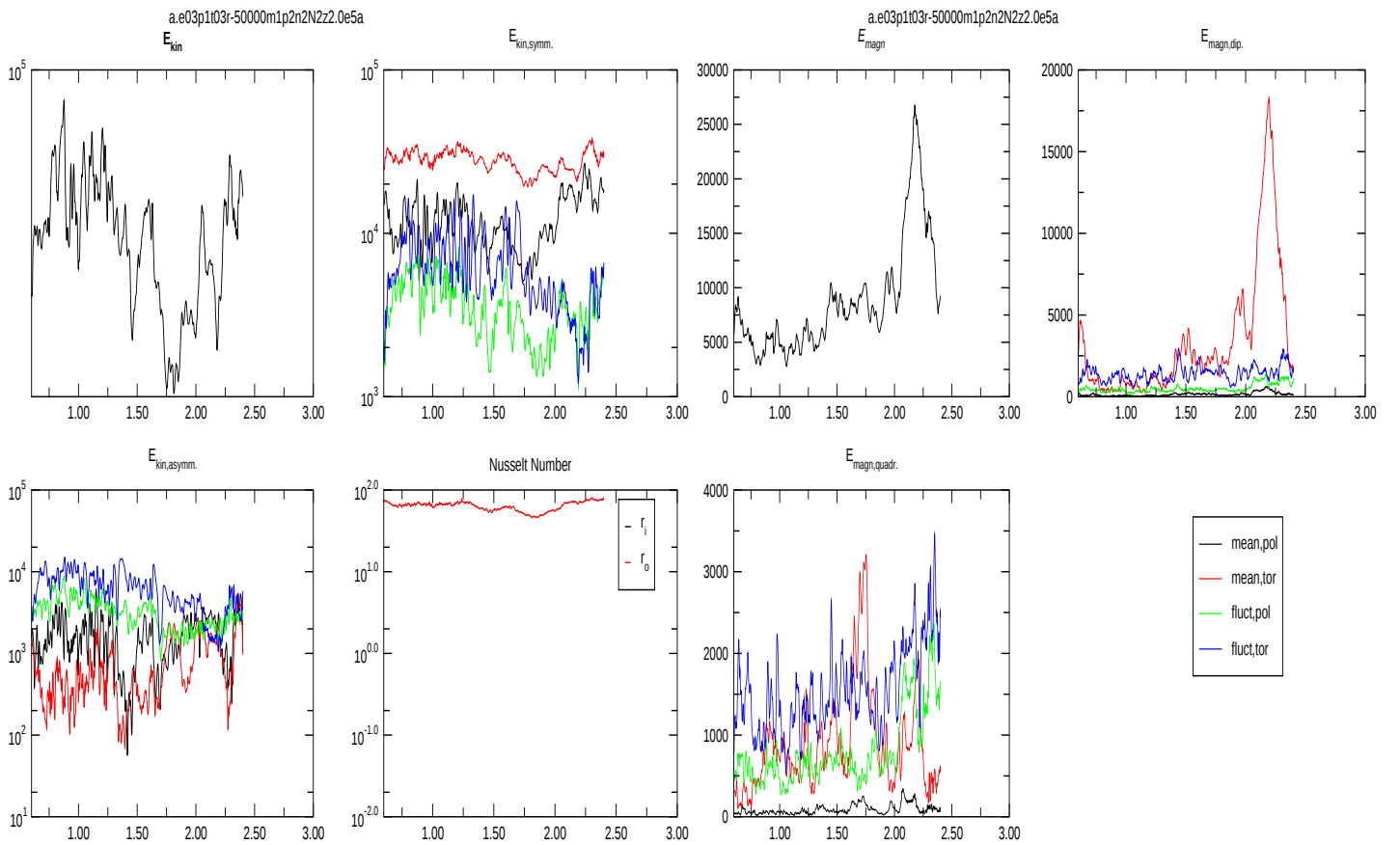
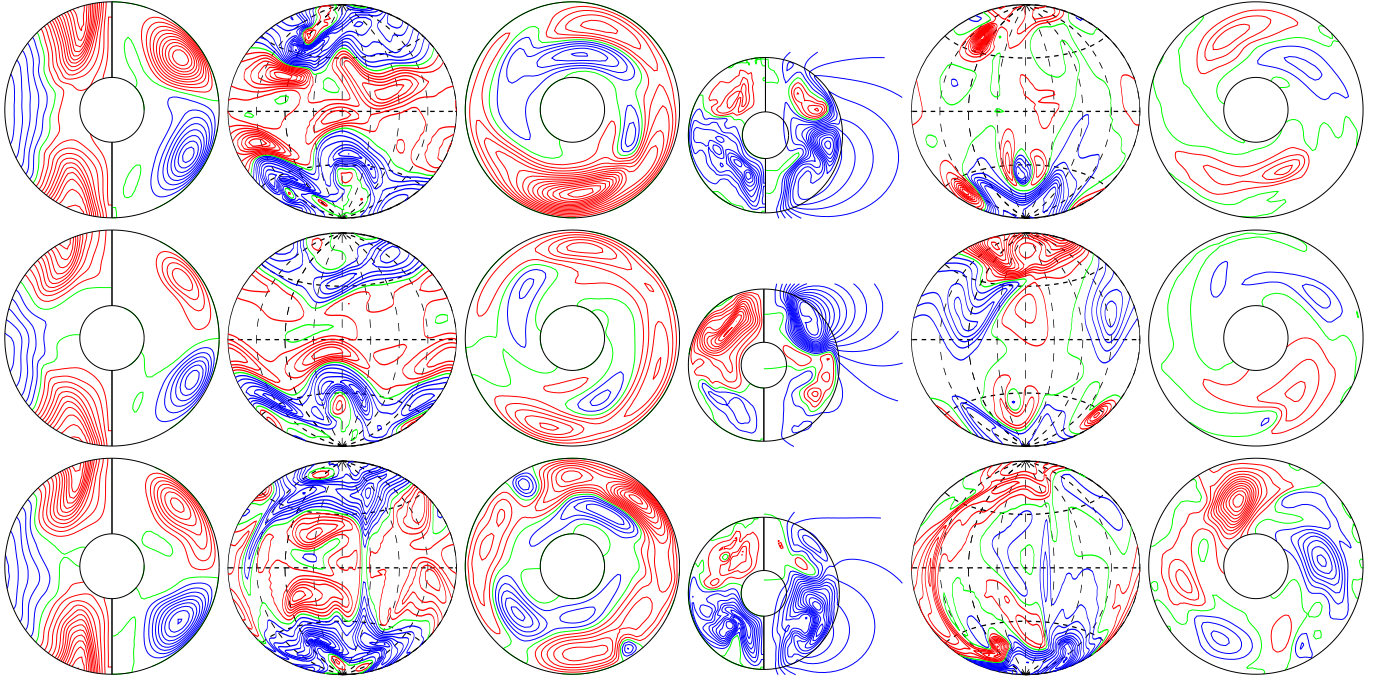
a.e03p1t03r-50000m1p1n2N2z2.0e5a.4
times: 1.200001 1.800002 2.400003

November 19, 2015



a.e03p1t03r-50000m1p2n2N2z2.0e5a.4
times: 1.200001 1.800002 2.400003

November 19, 2015



a.e03p1t03r-50000m1p2n2N2z2.2e5a.2
times: 0.6000006

November 19, 2015

