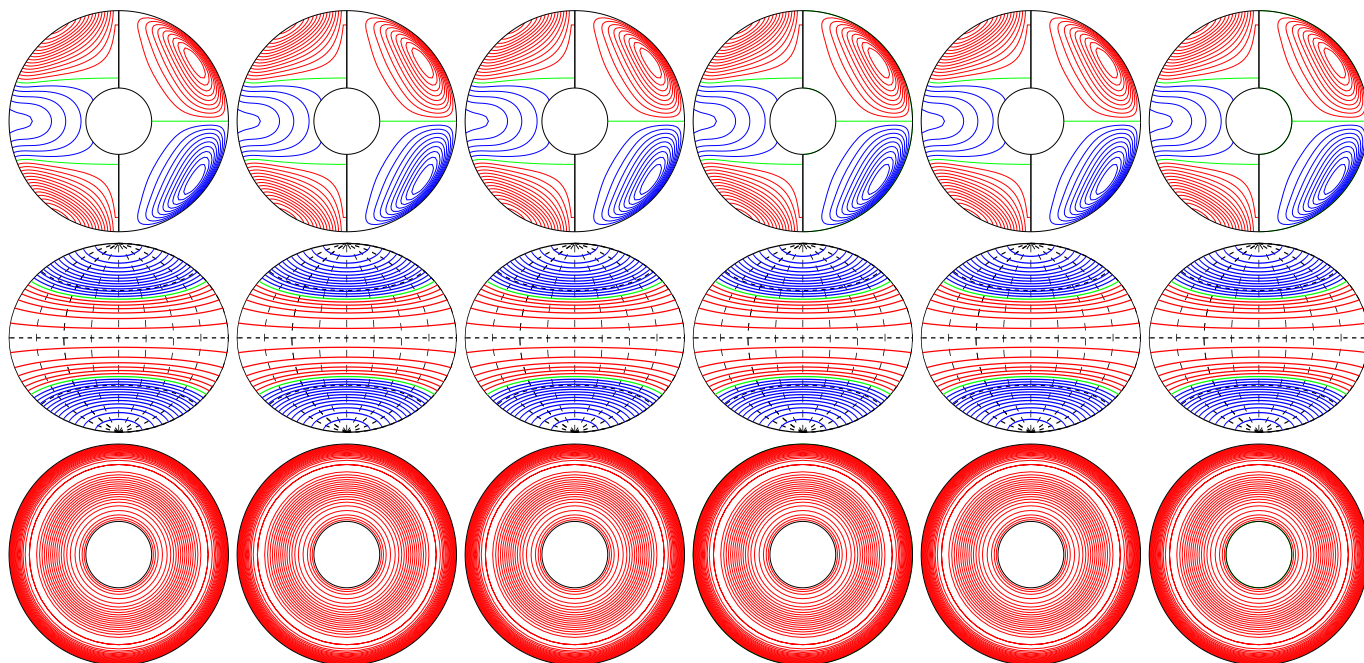
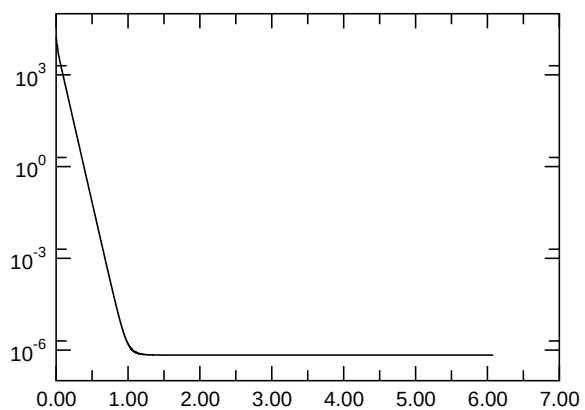


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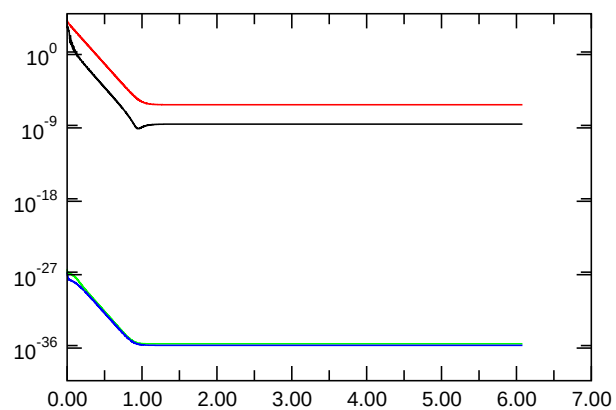
April 15, 2016



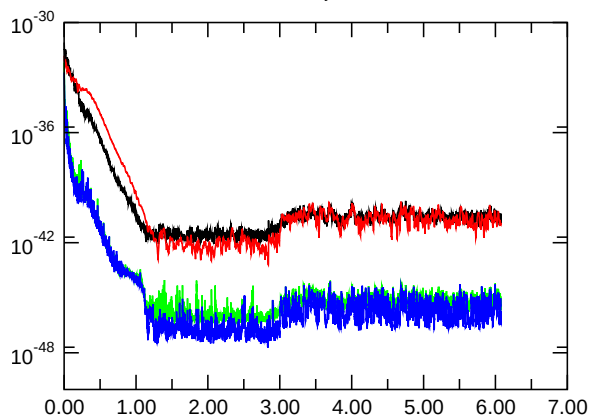
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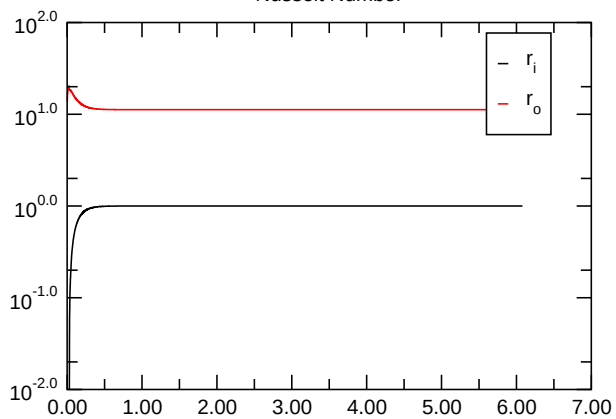
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$E_{\text{kin,asymm.}}$

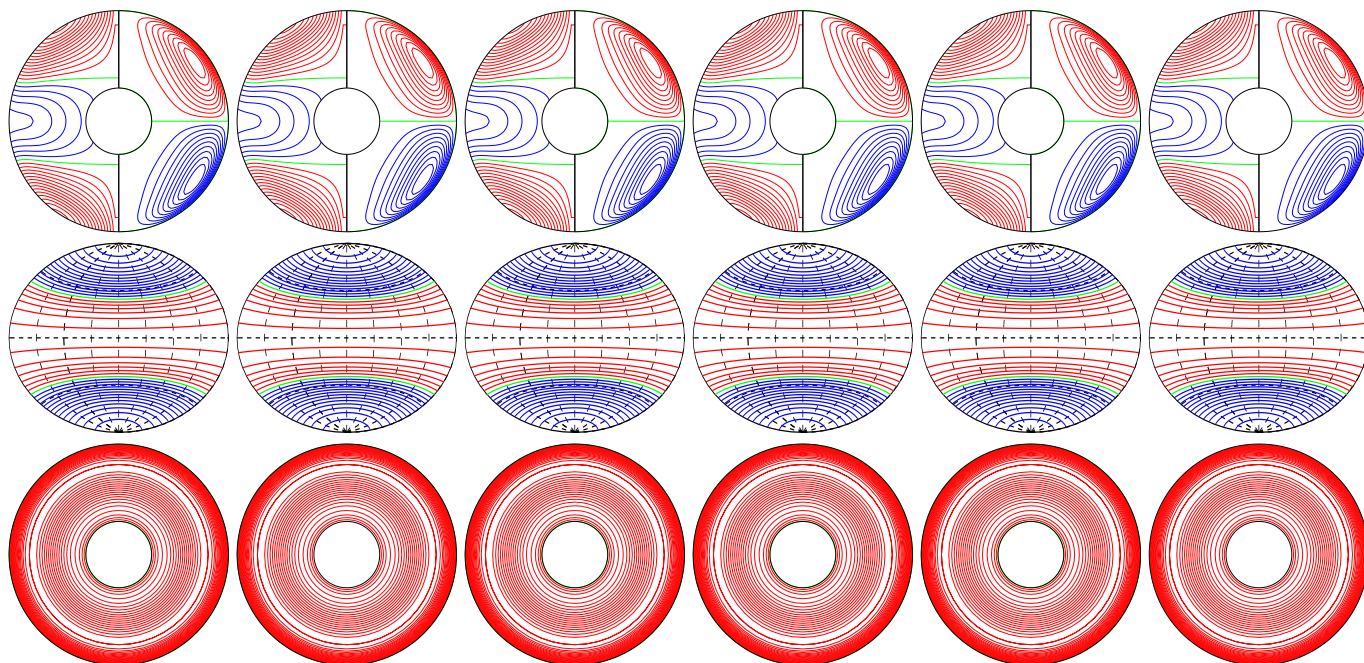


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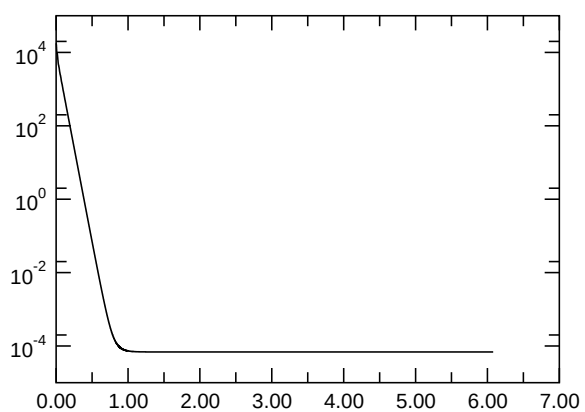


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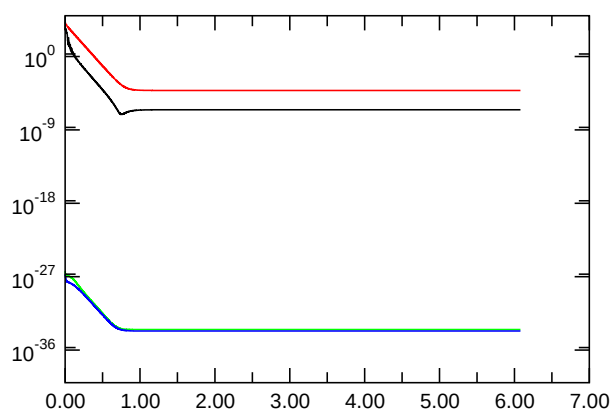
April 15, 2016



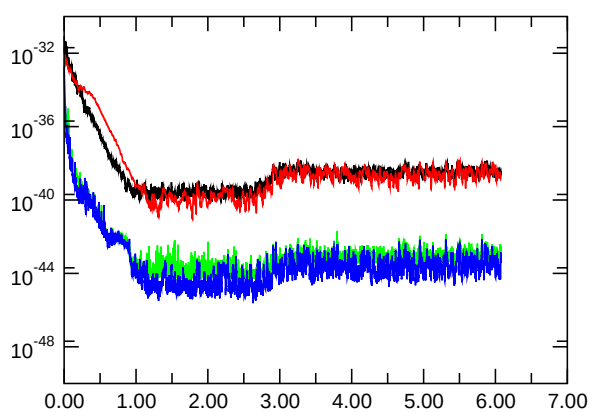
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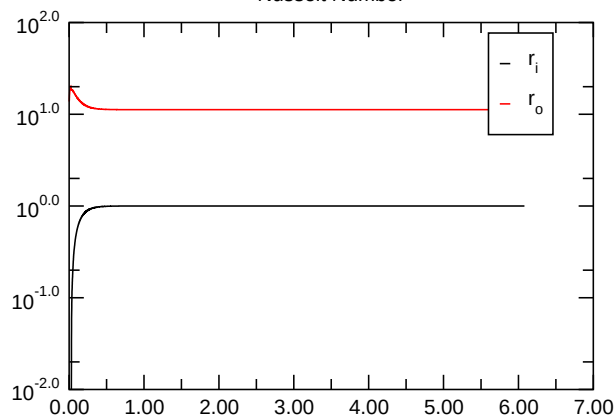
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$E_{\text{kin,asymm.}}$

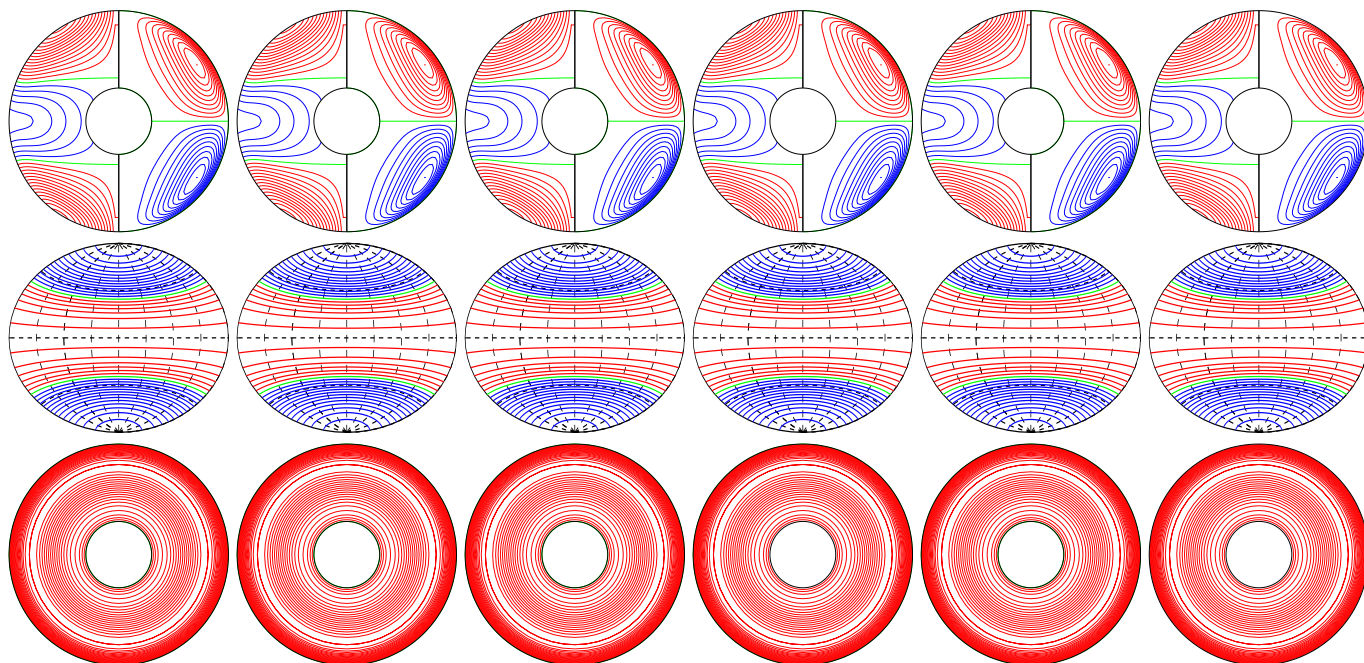


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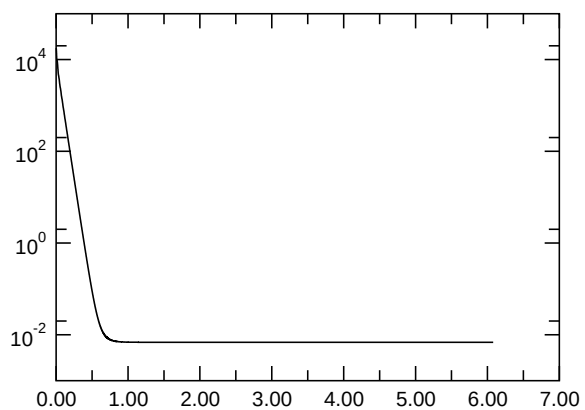


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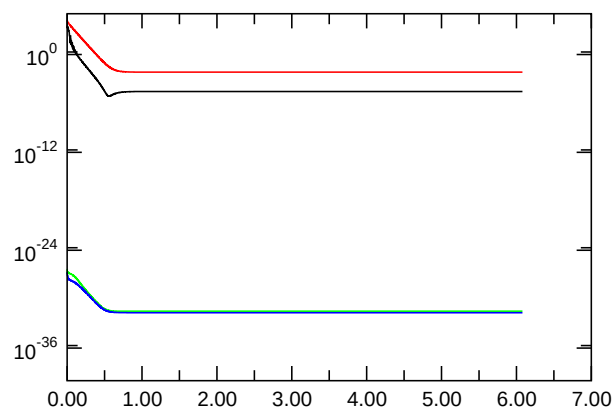
April 15, 2016



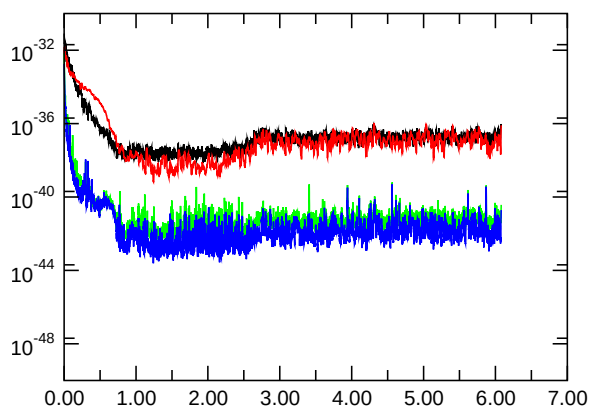
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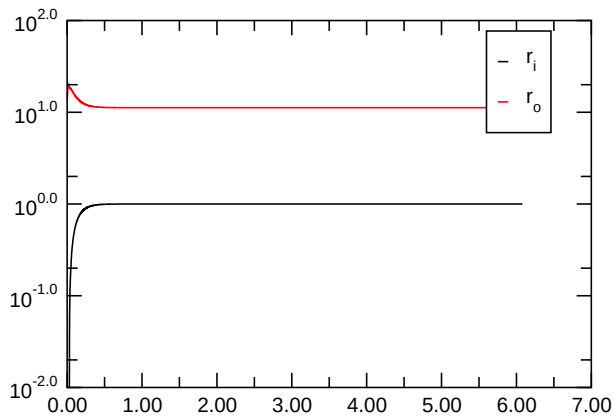
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$E_{\text{kin,asymm.}}$

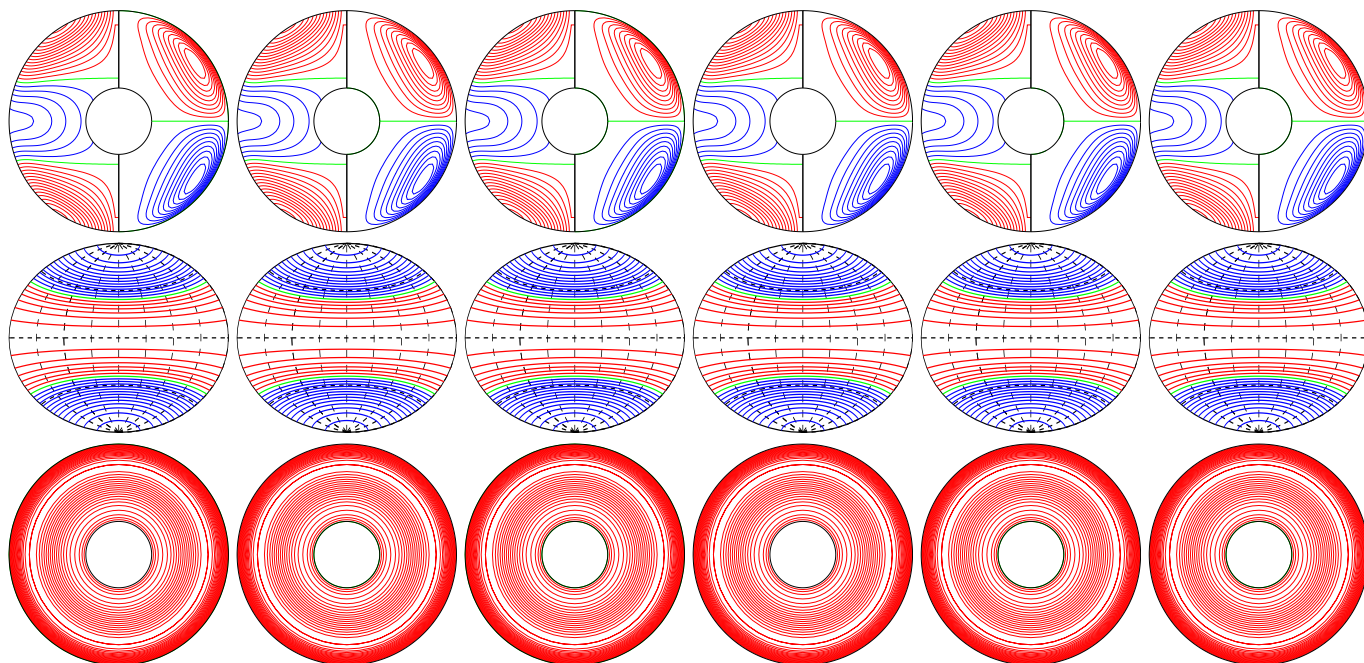


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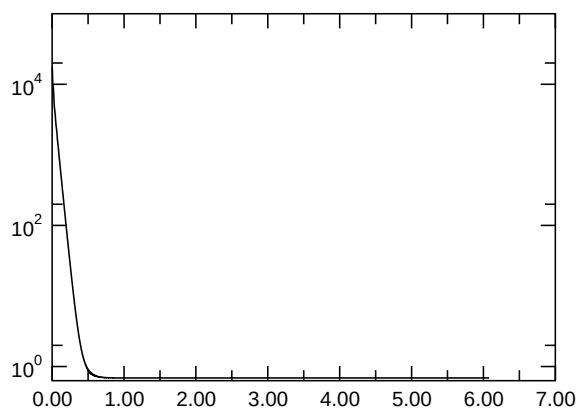


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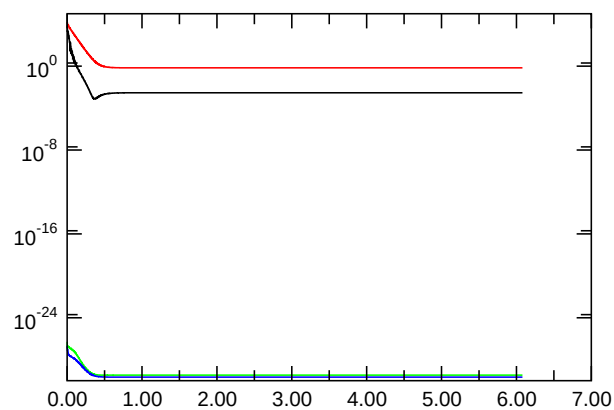
April 15, 2016



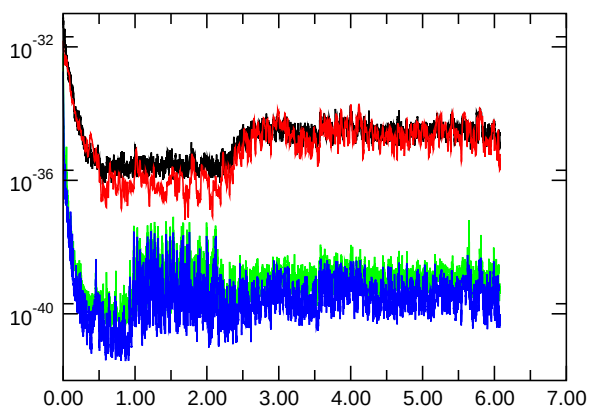
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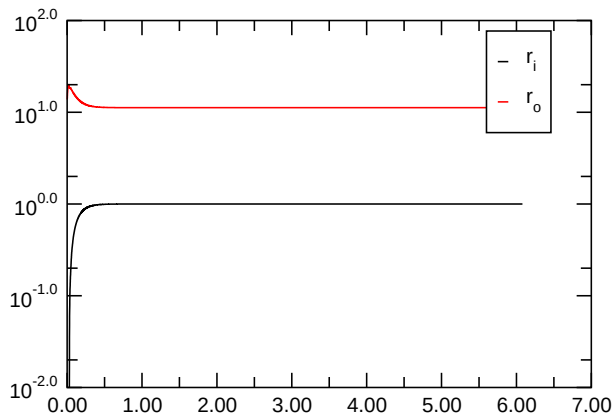
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$E_{\text{kin,asymm.}}$

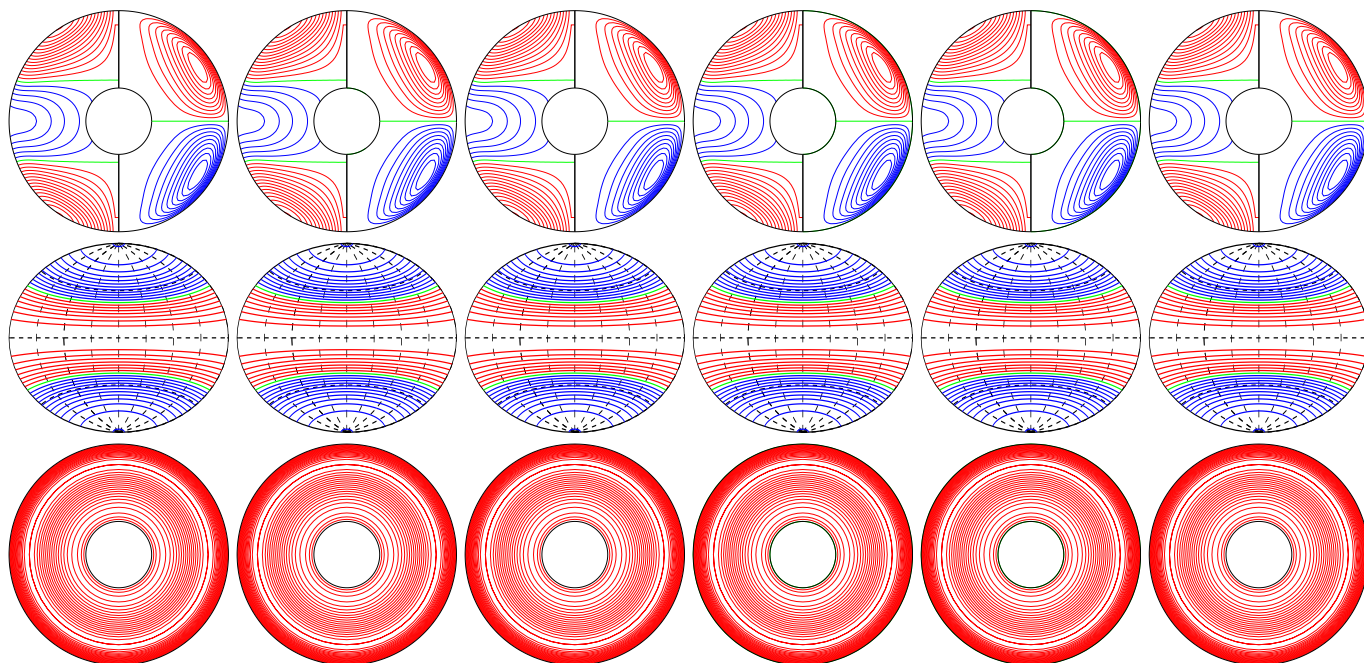


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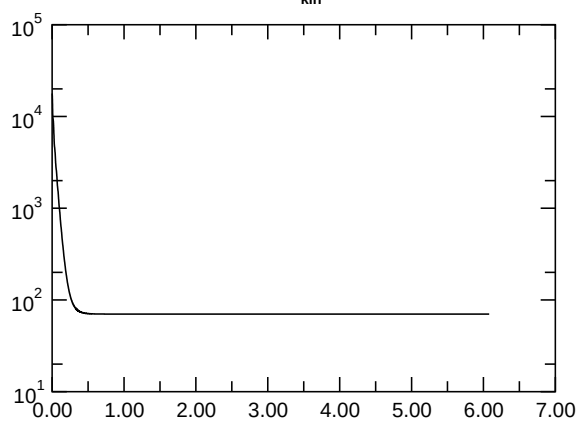
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April 15, 2016

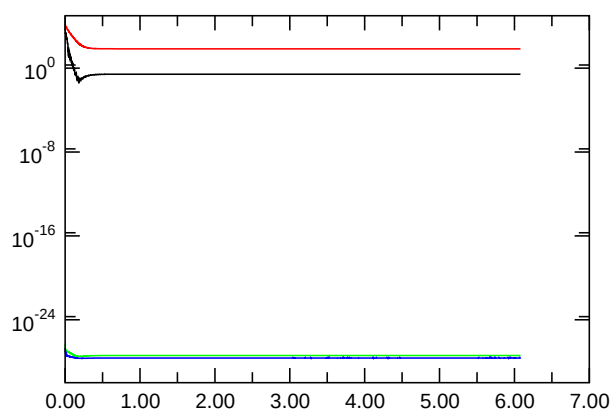


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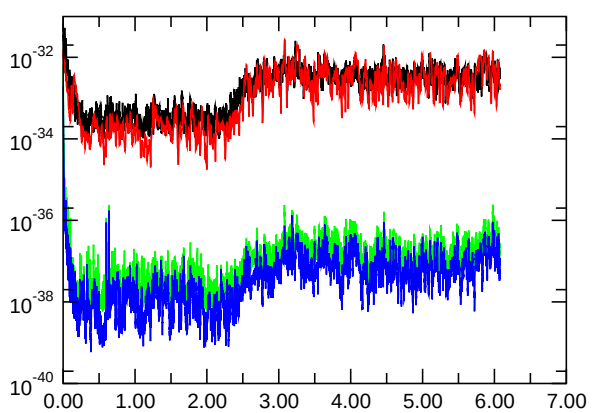
E_{kin}



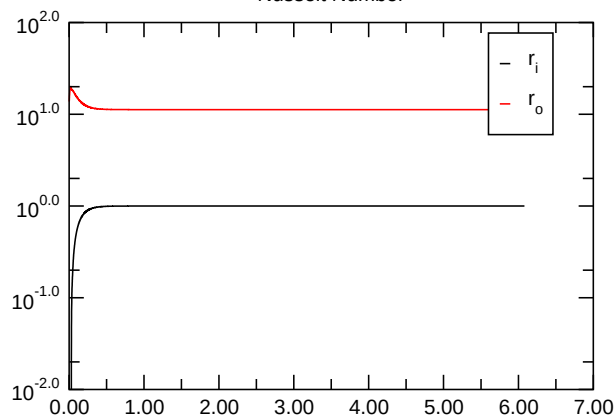
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$E_{\text{kin,asymm.}}$



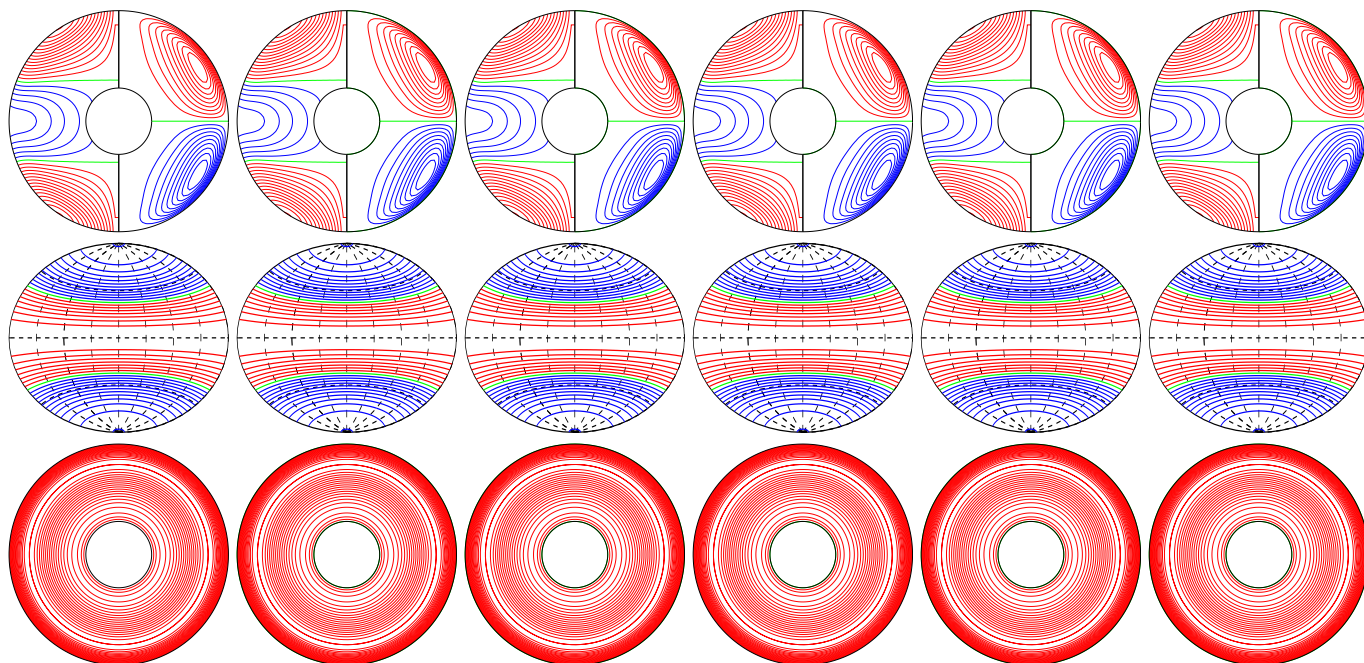
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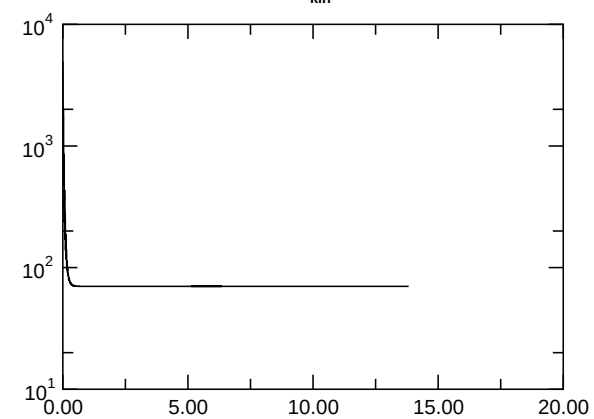
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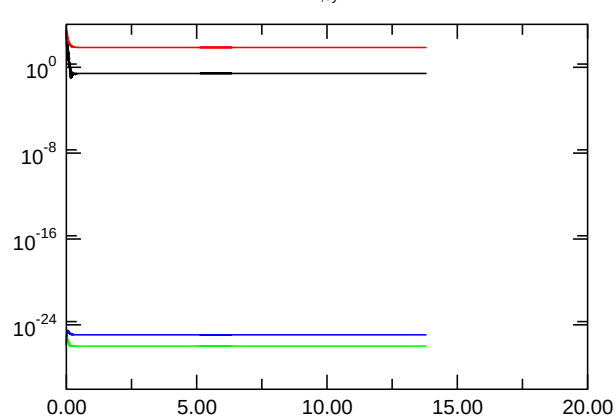
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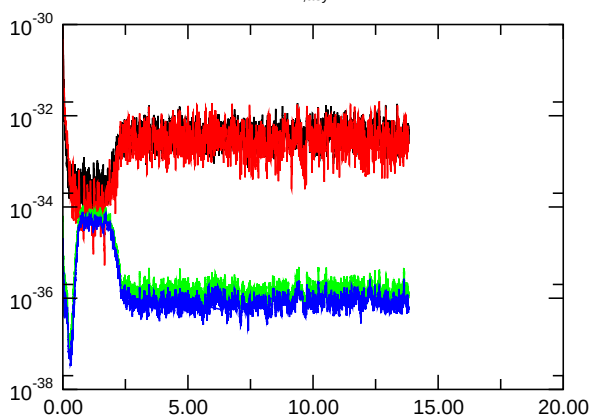
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 E_{kin}



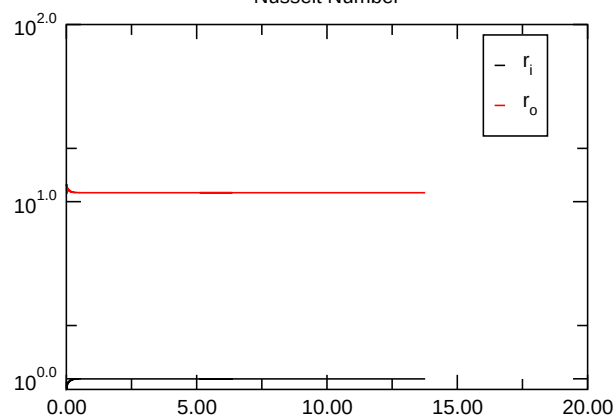
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$E_{\text{kin,asymm.}}$



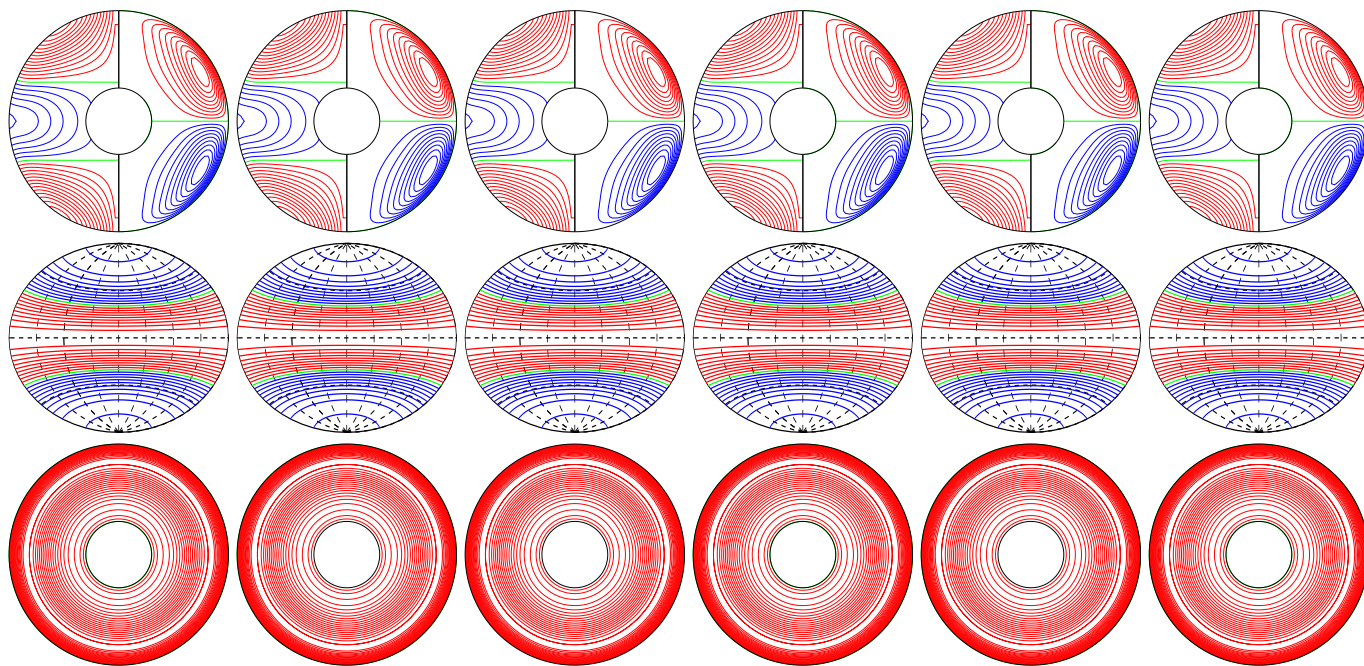
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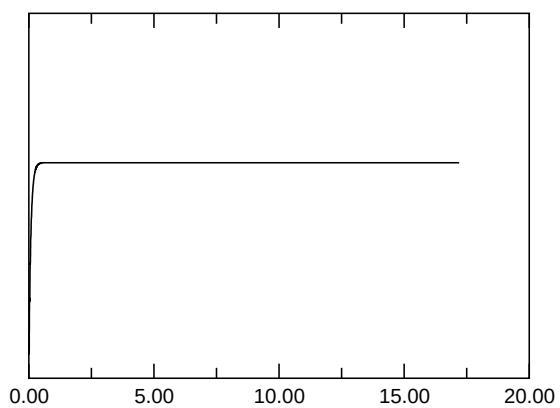
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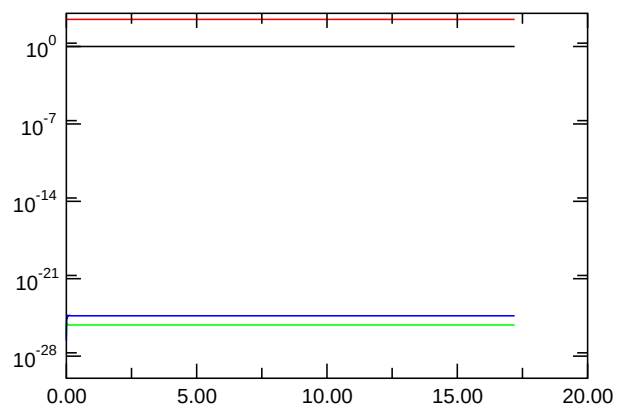
April 15, 2016



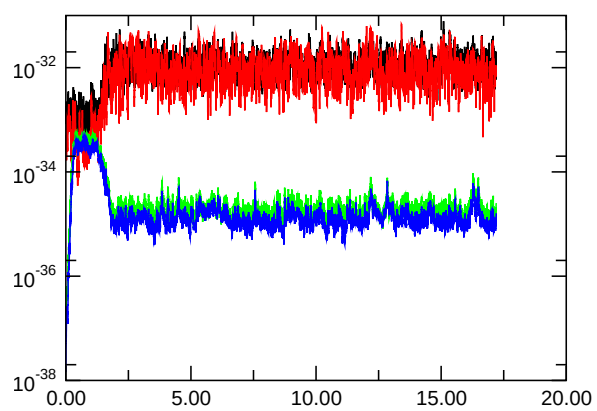
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 E_{kin}



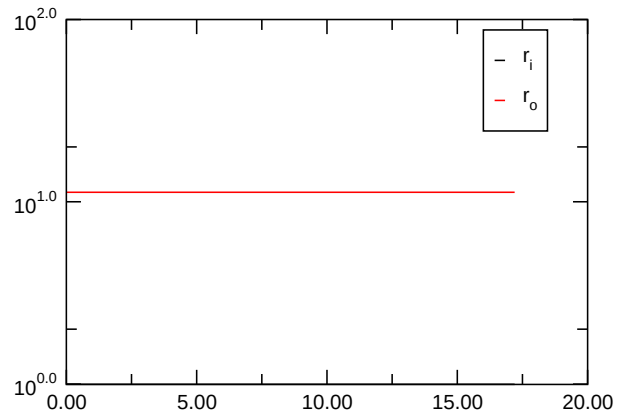
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$E_{\text{kin,asymm.}}$



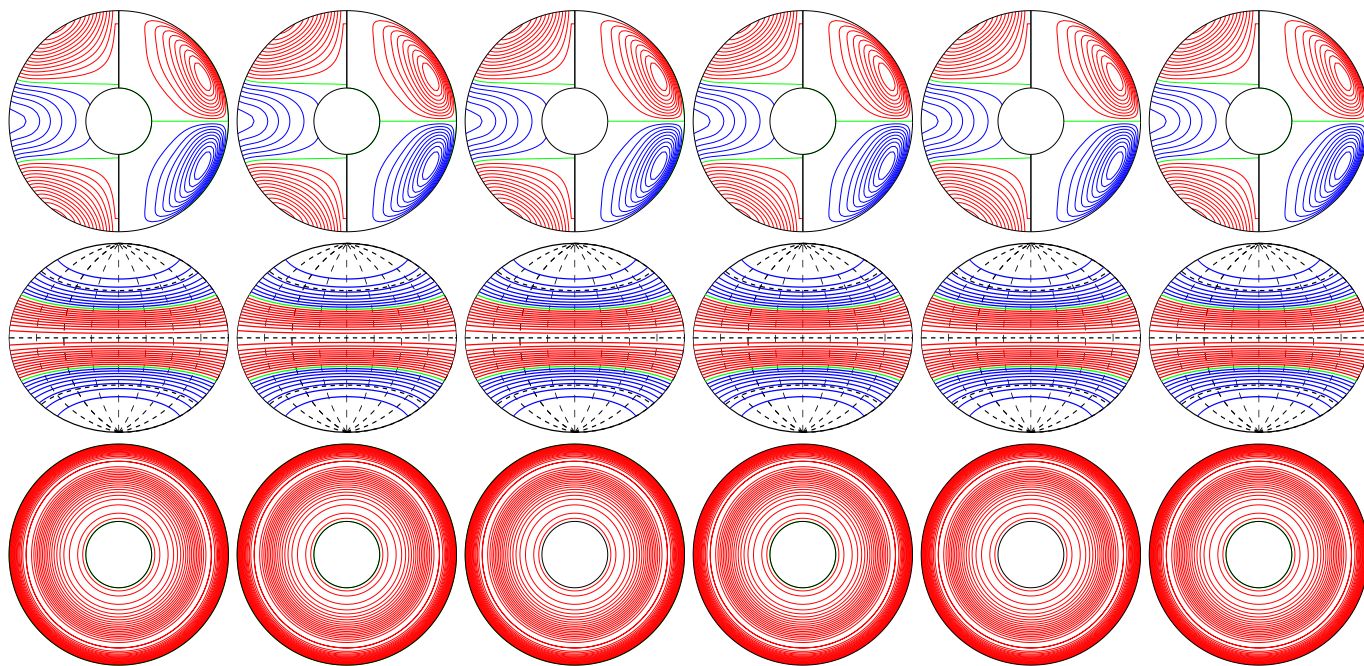
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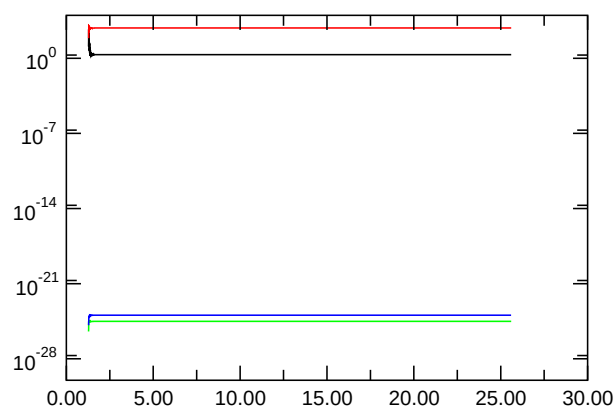
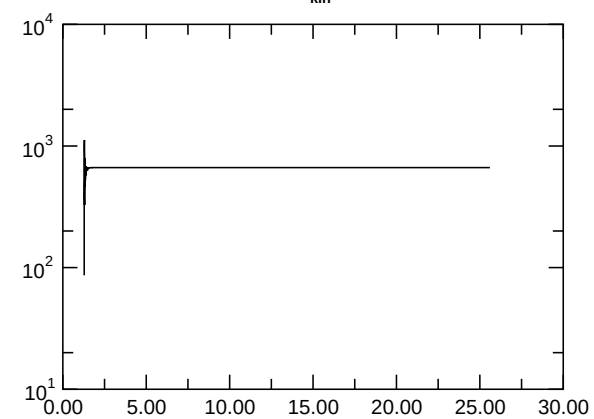
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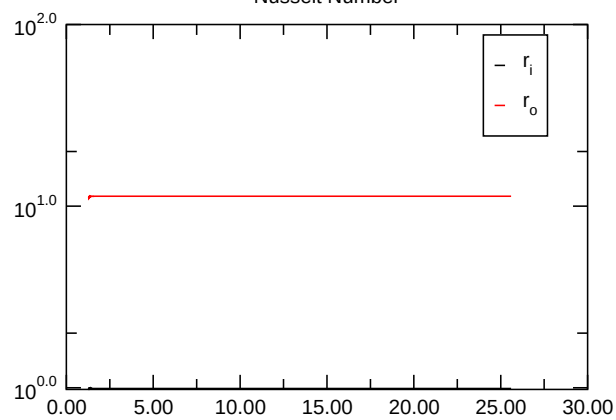
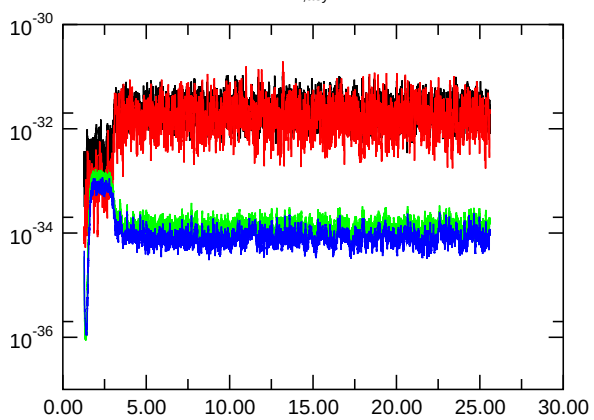
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 E_{kin}

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



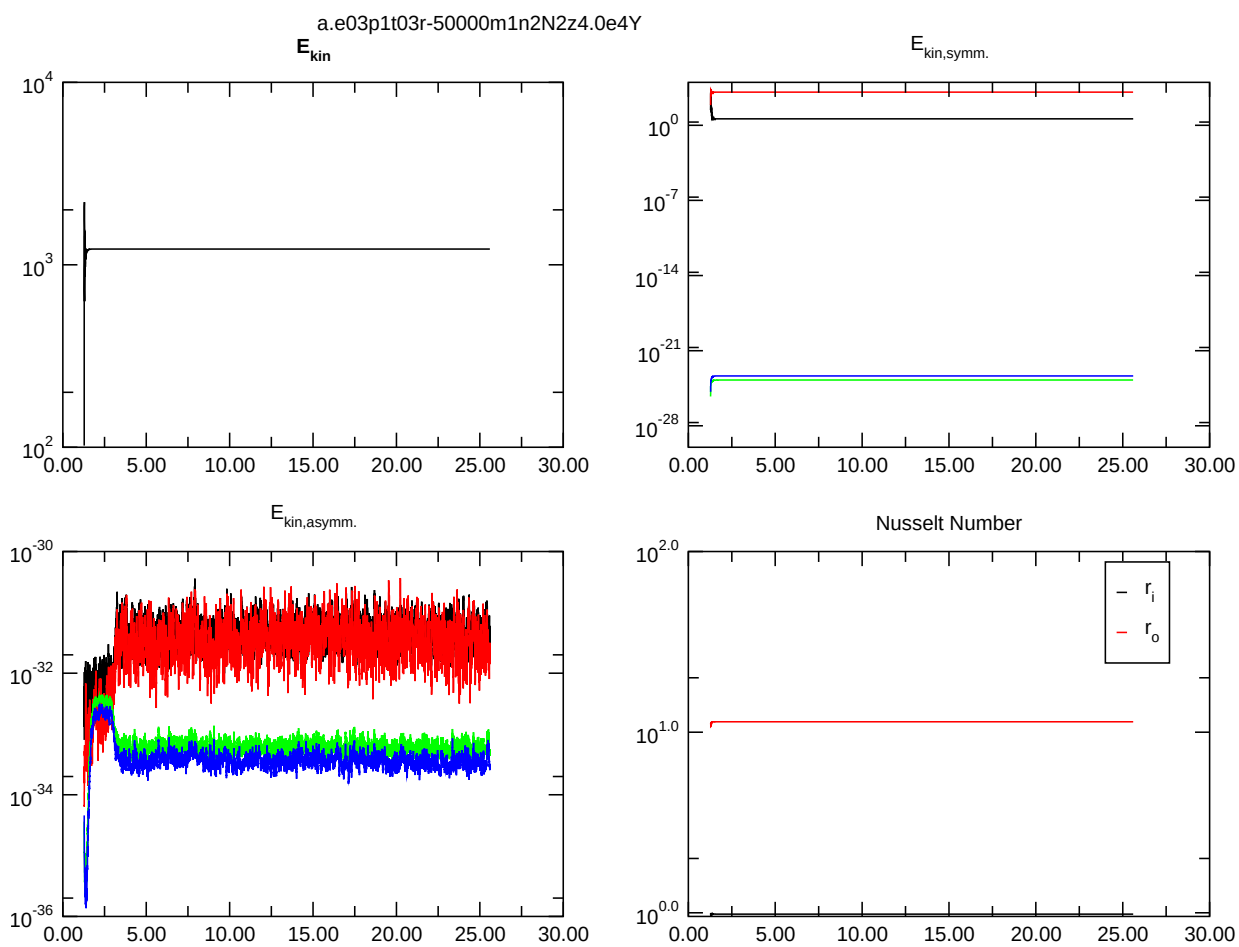
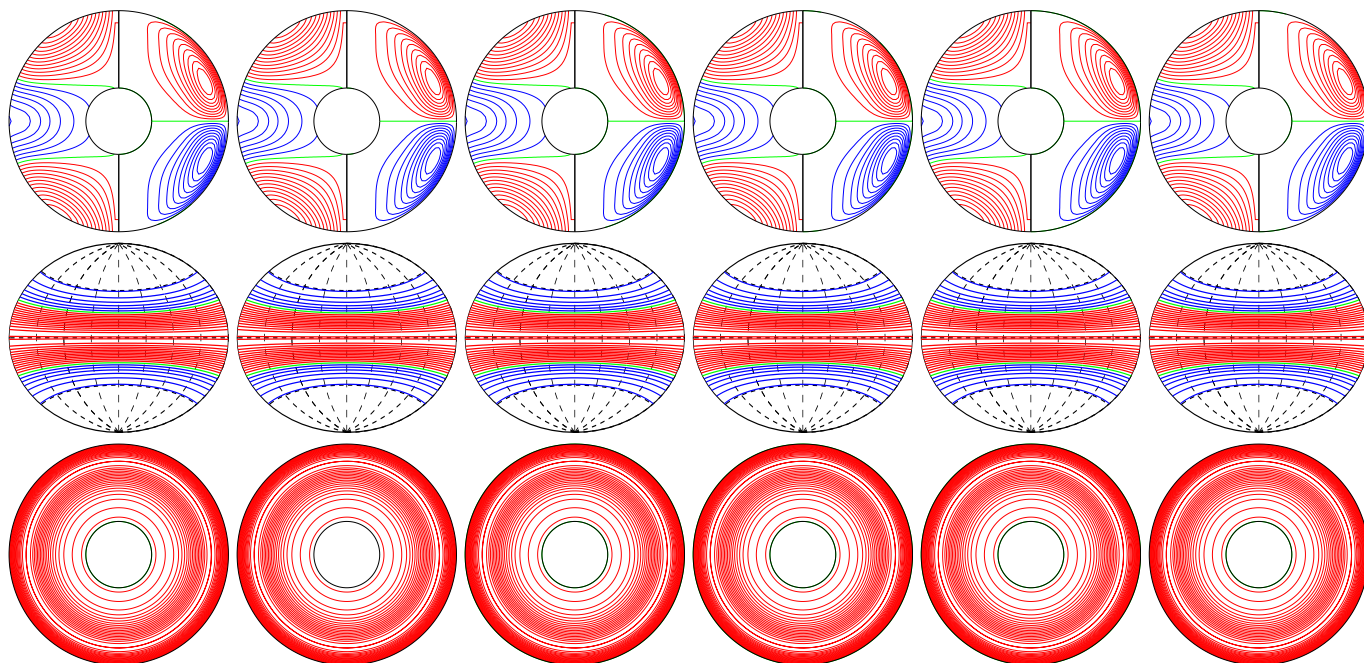
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Nusselt Number



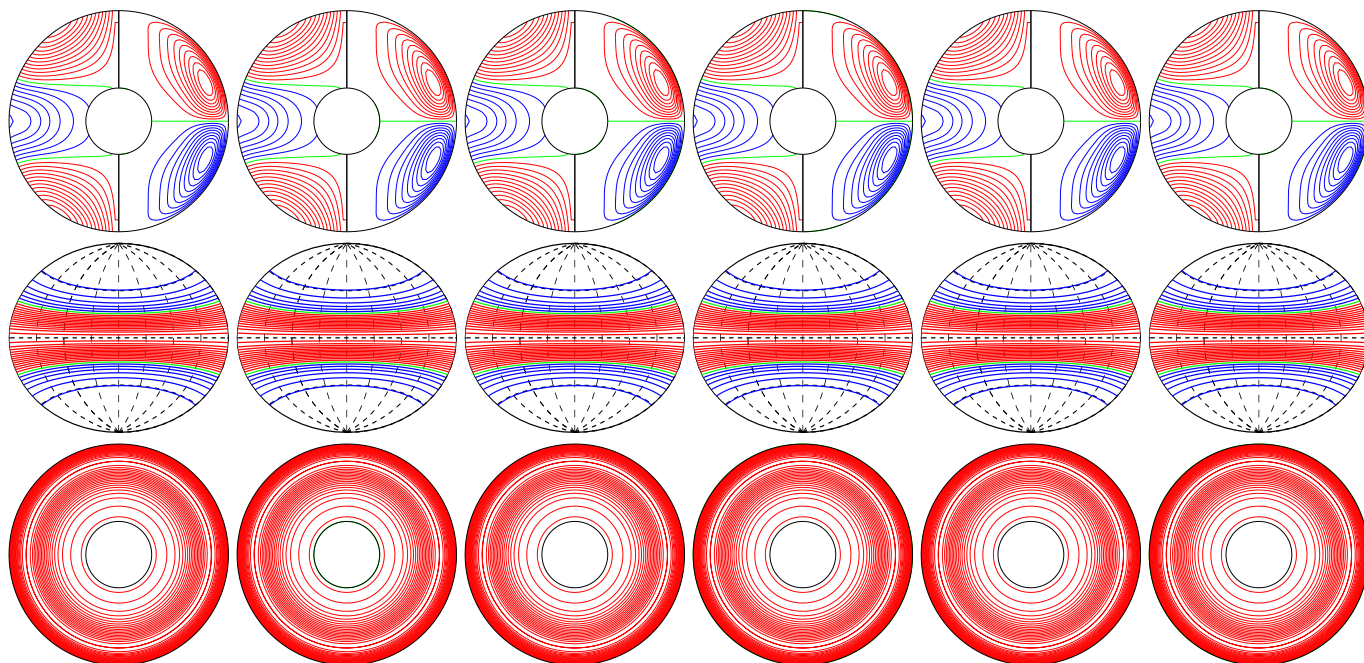
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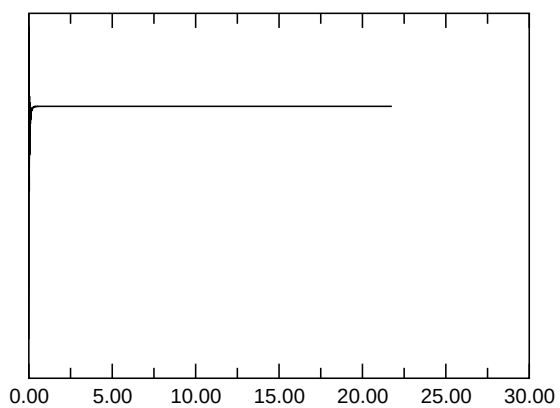


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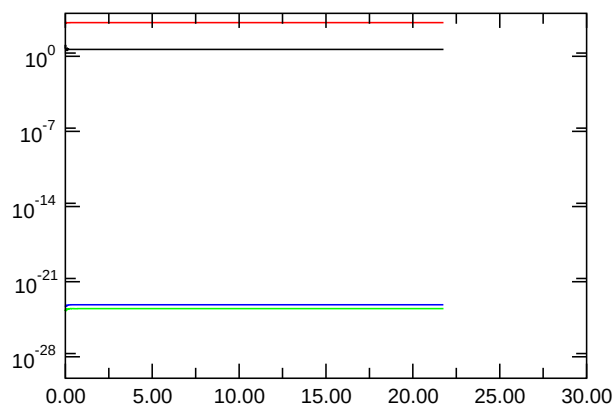
April 15, 2016



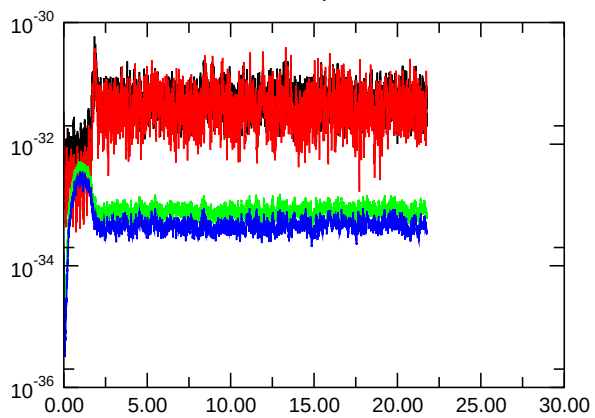
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 E_{kin}



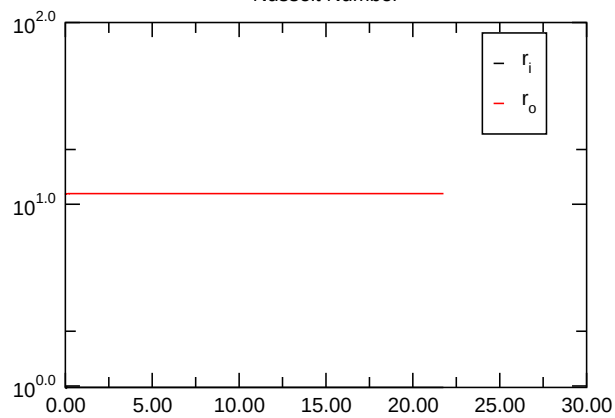
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$E_{\text{kin,asymm.}}$

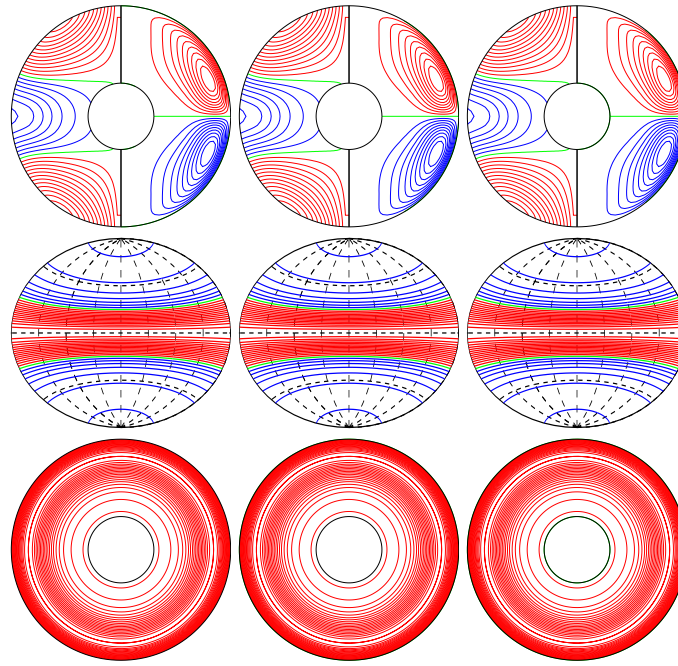


Nusselt Number

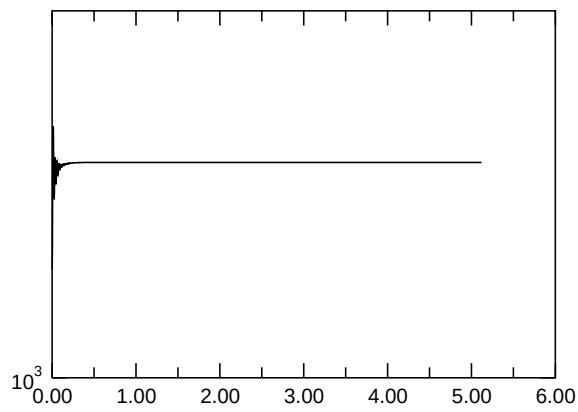


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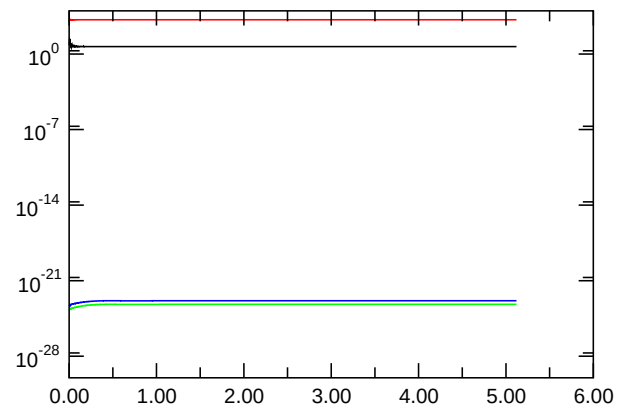
April 15, 2016



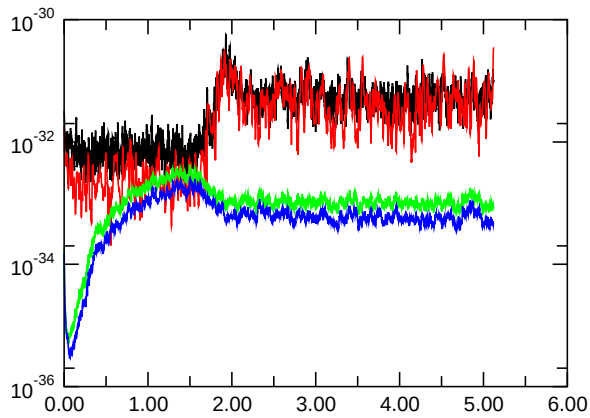
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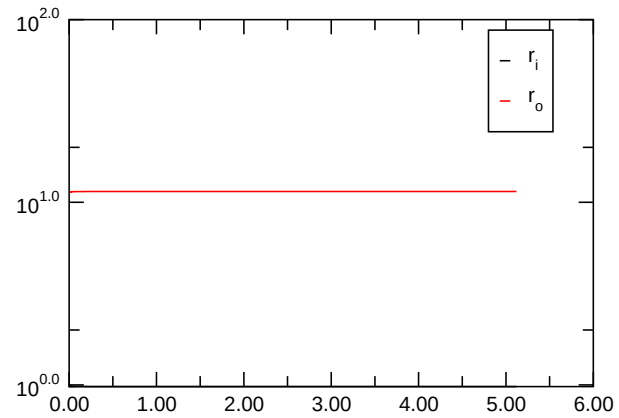
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$E_{\text{kin,asymm.}}$



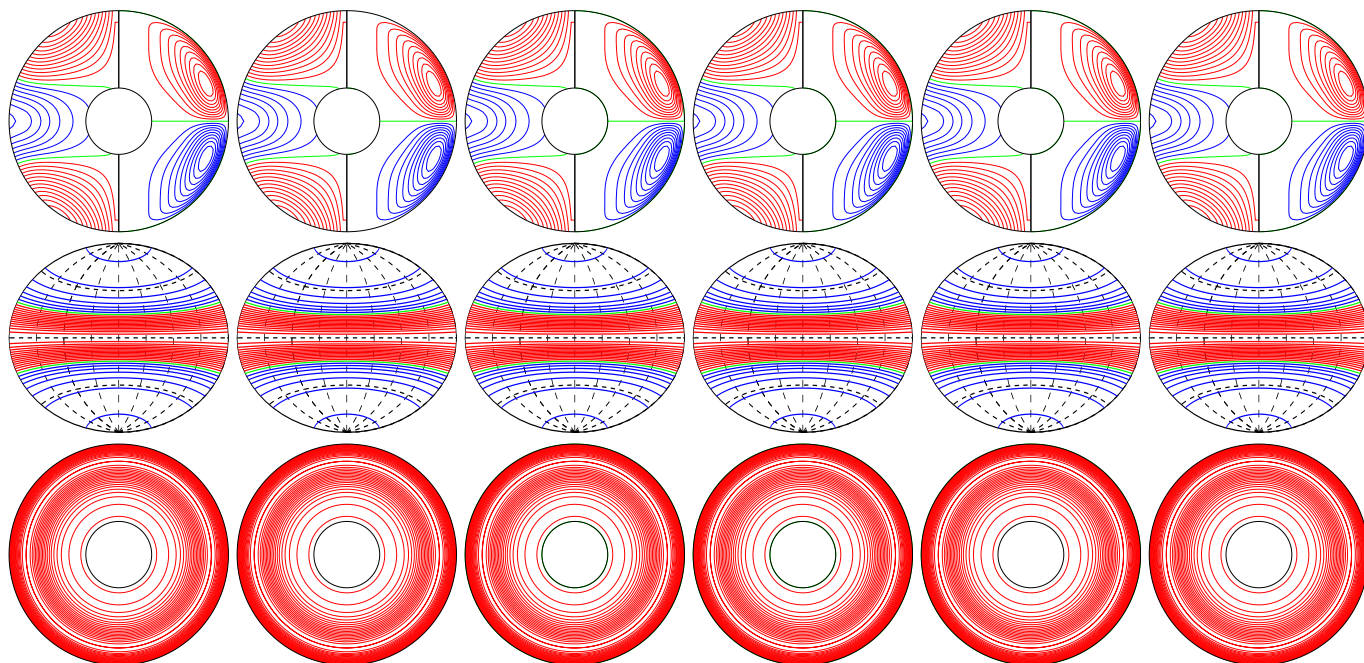
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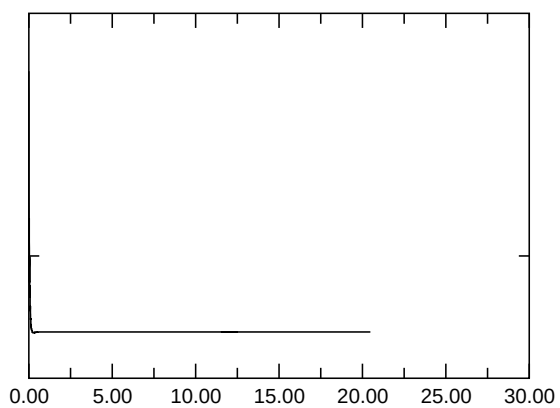
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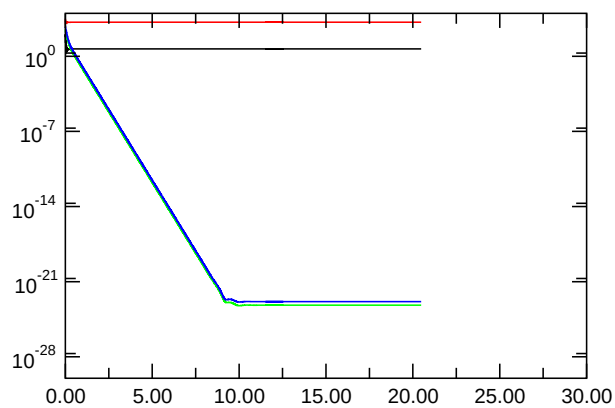
April 15, 2016



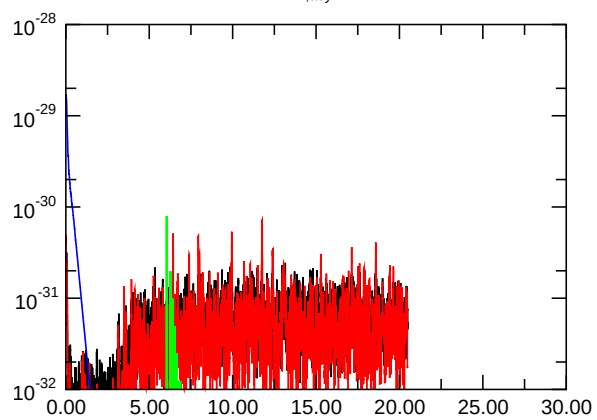
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 E_{kin}



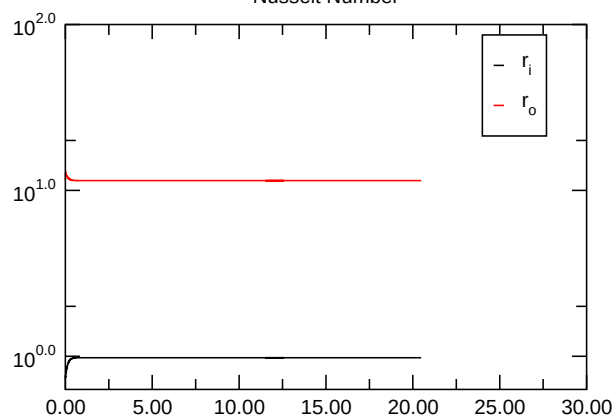
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$E_{\text{kin,asymm.}}$

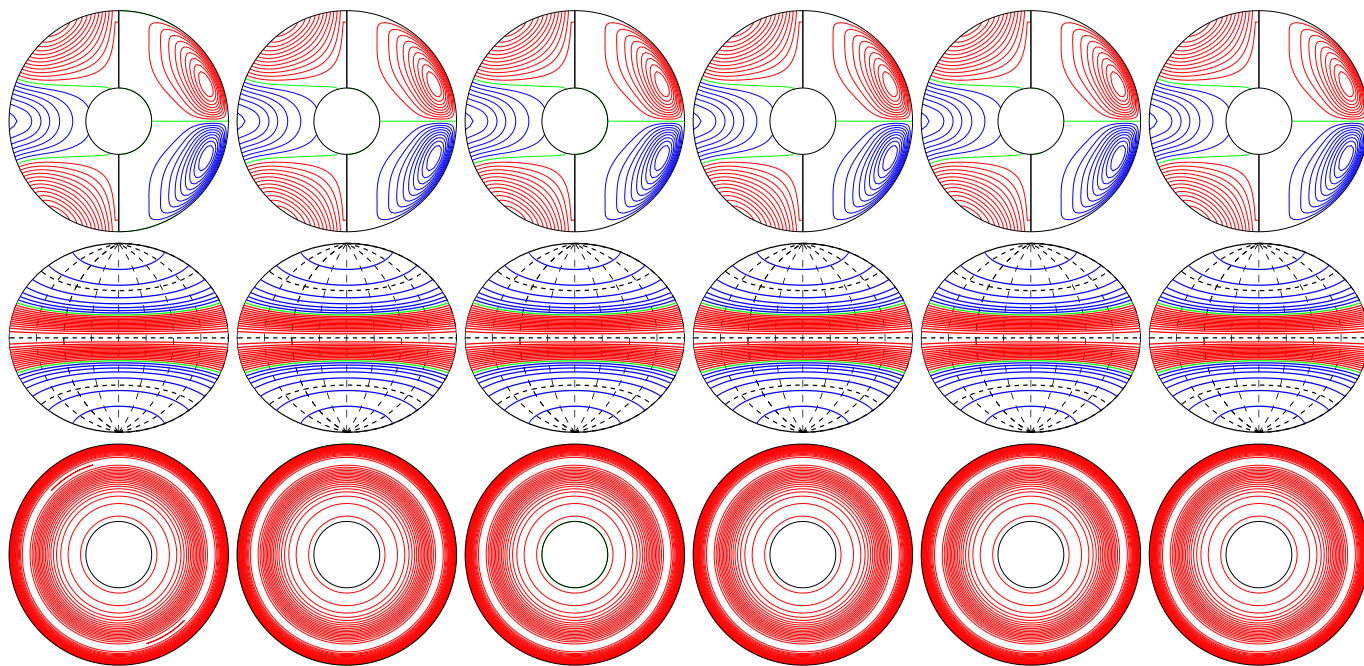


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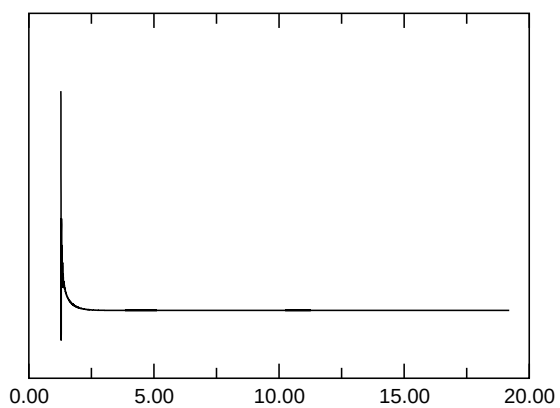


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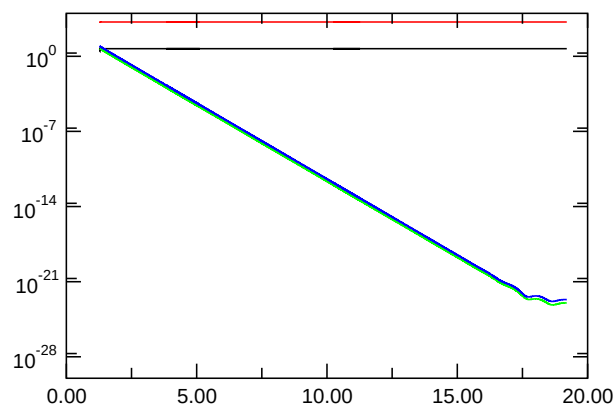
April 15, 2016



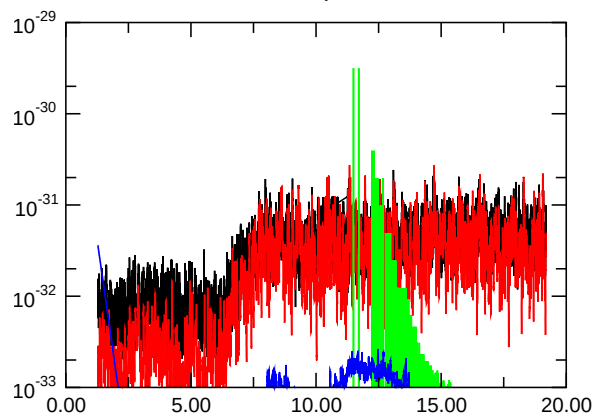
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 E_{kin}



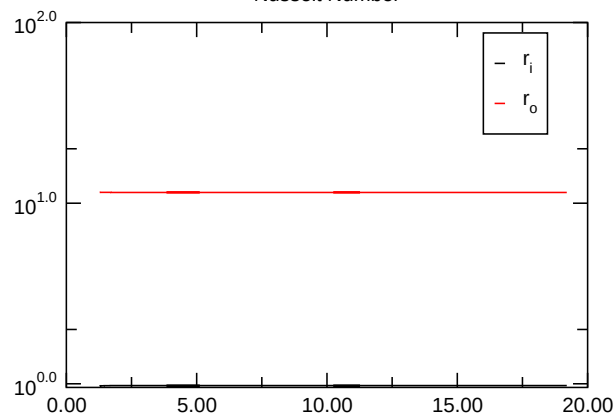
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$E_{\text{kin,asymm.}}$

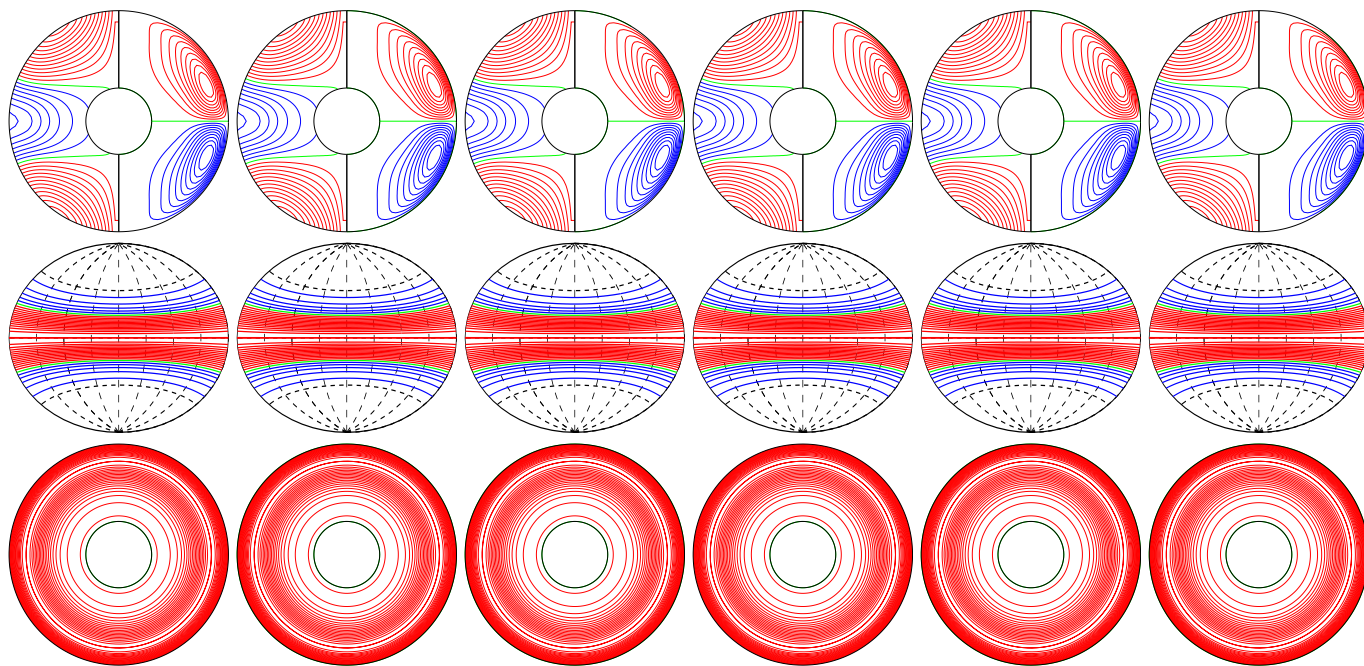


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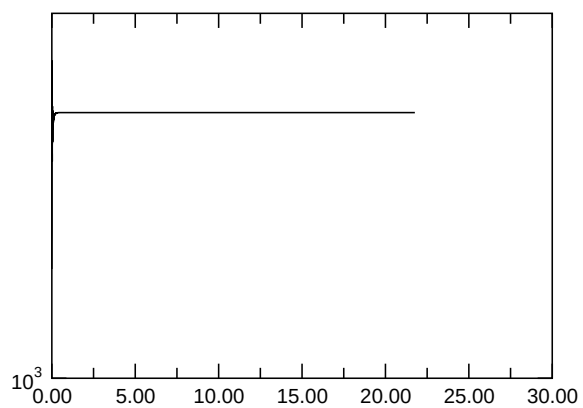


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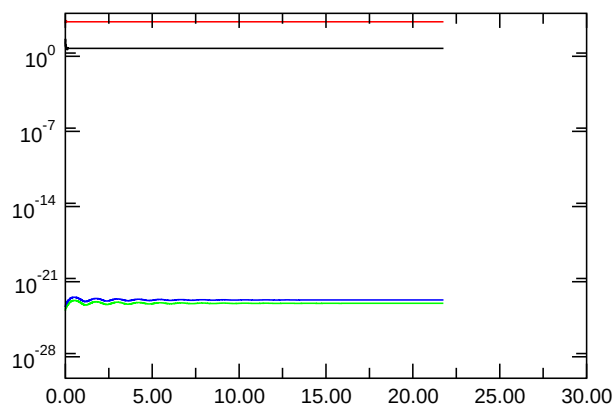
April 15, 2016



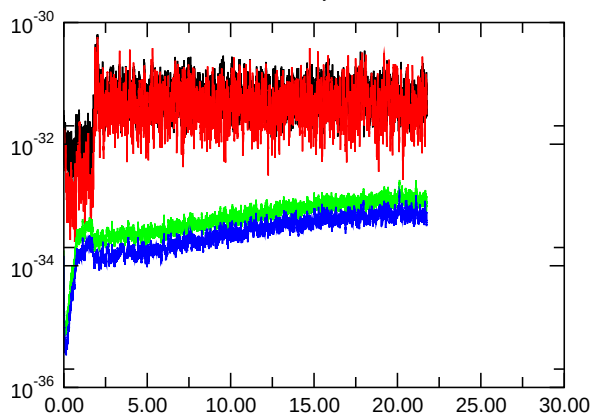
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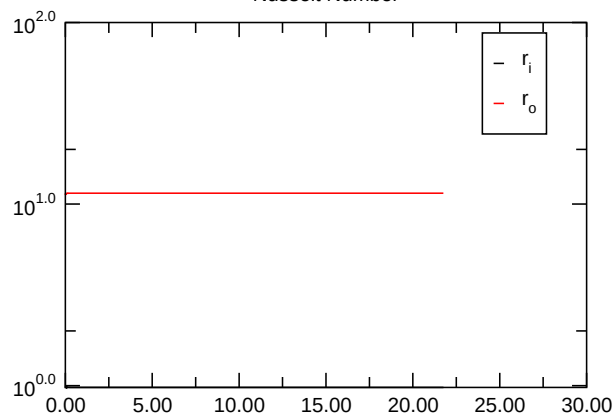
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$E_{\text{kin,asymm.}}$

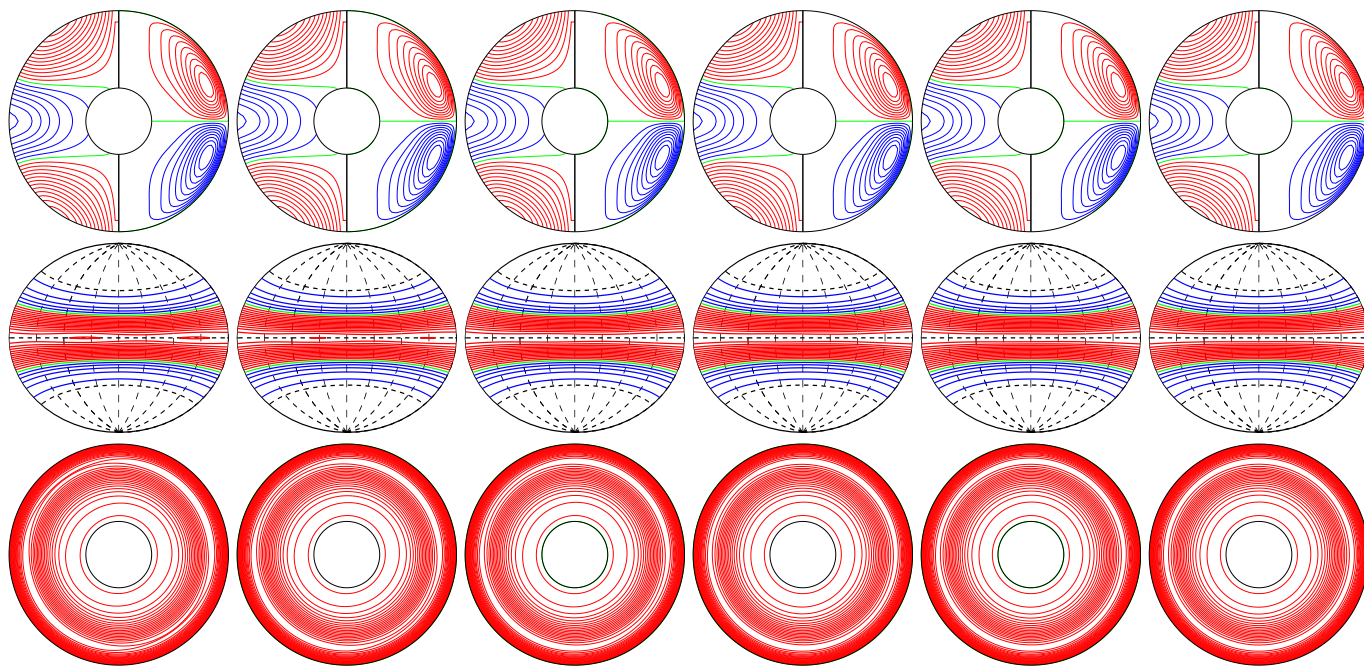


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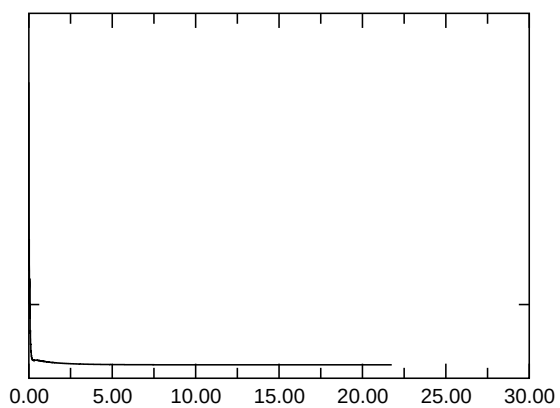


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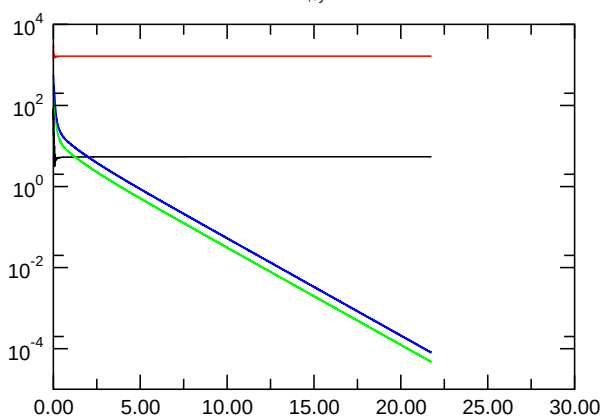
April 15, 2016



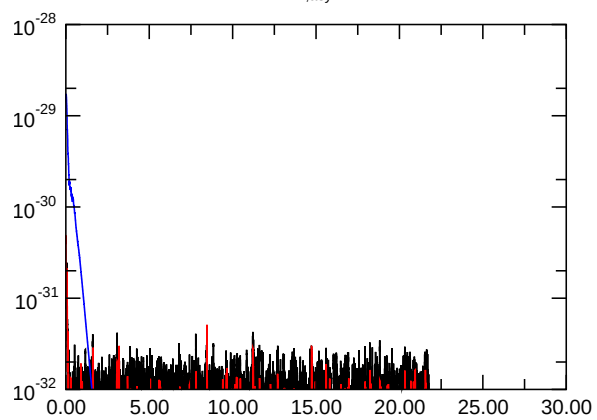
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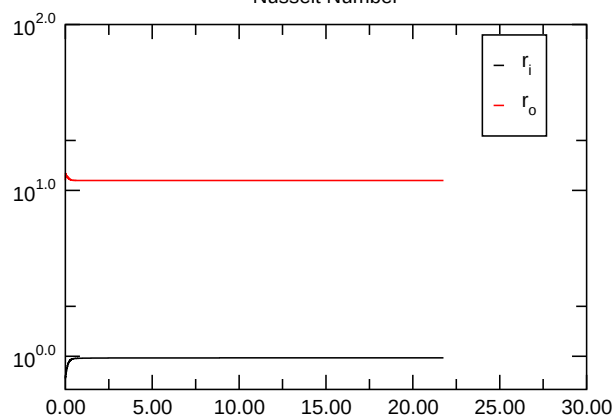
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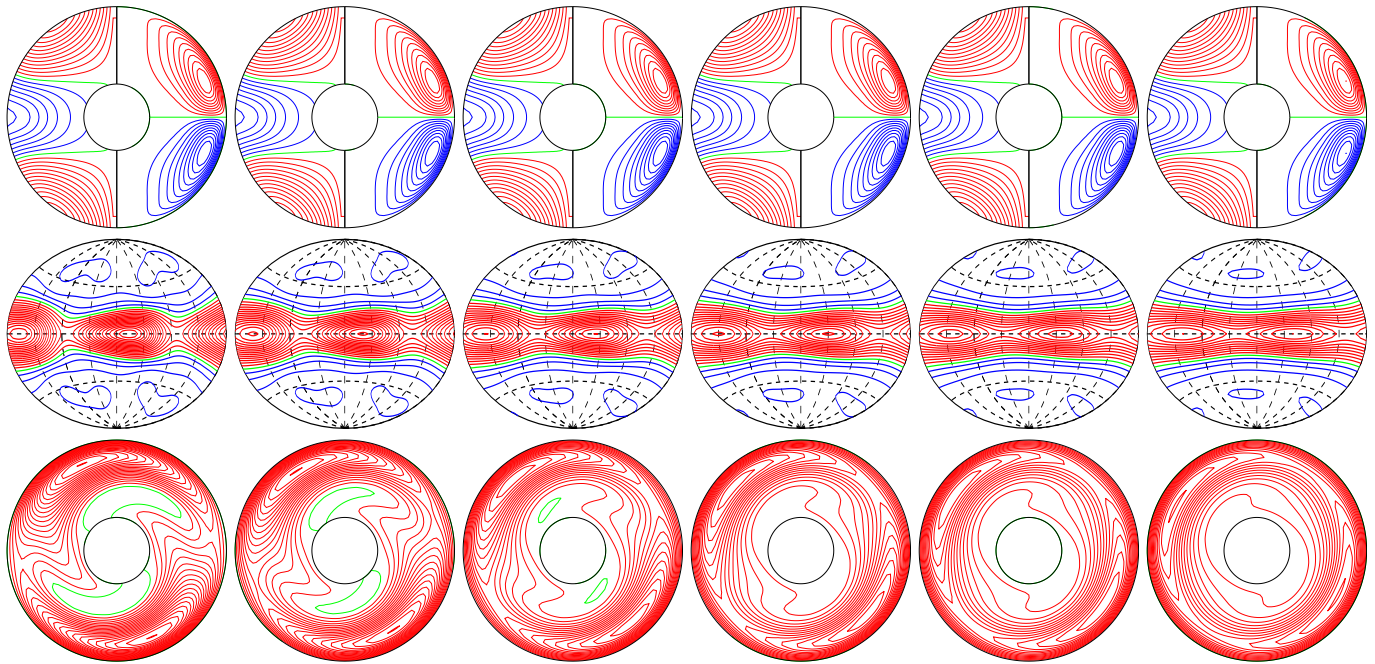


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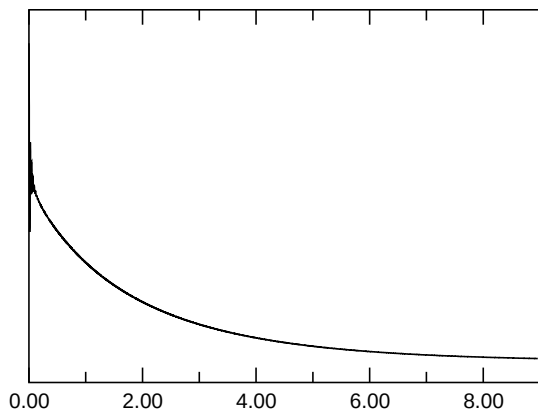


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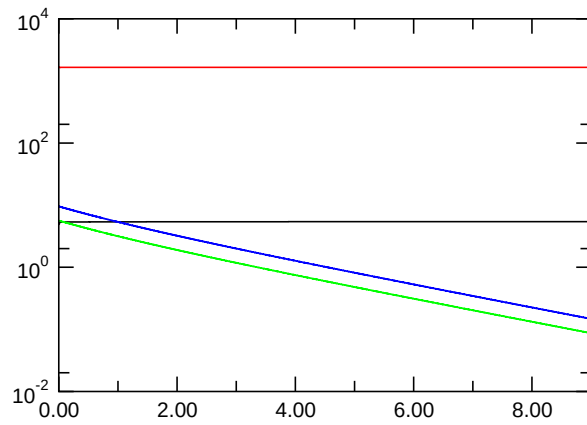
April 15, 2016



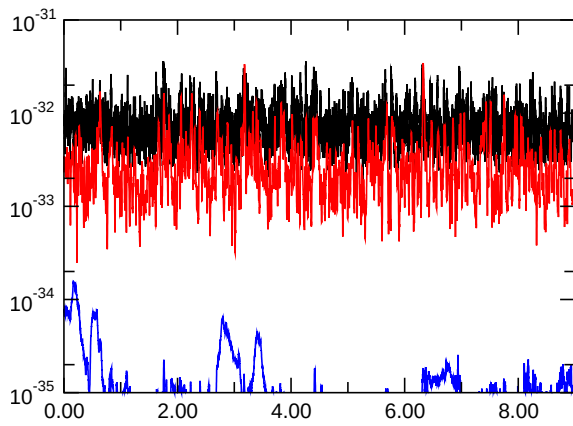
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 E_{kin}



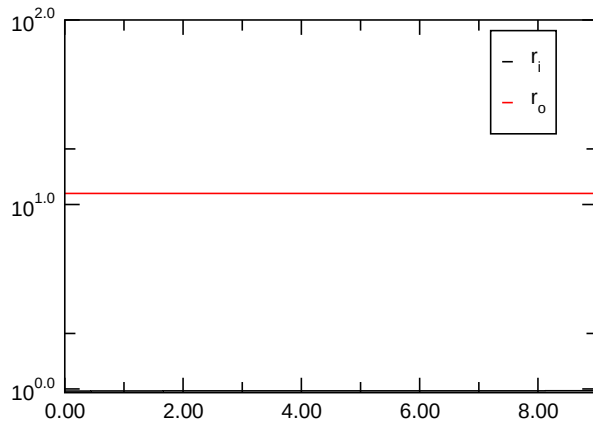
$E_{\text{kin,symm.}}$



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

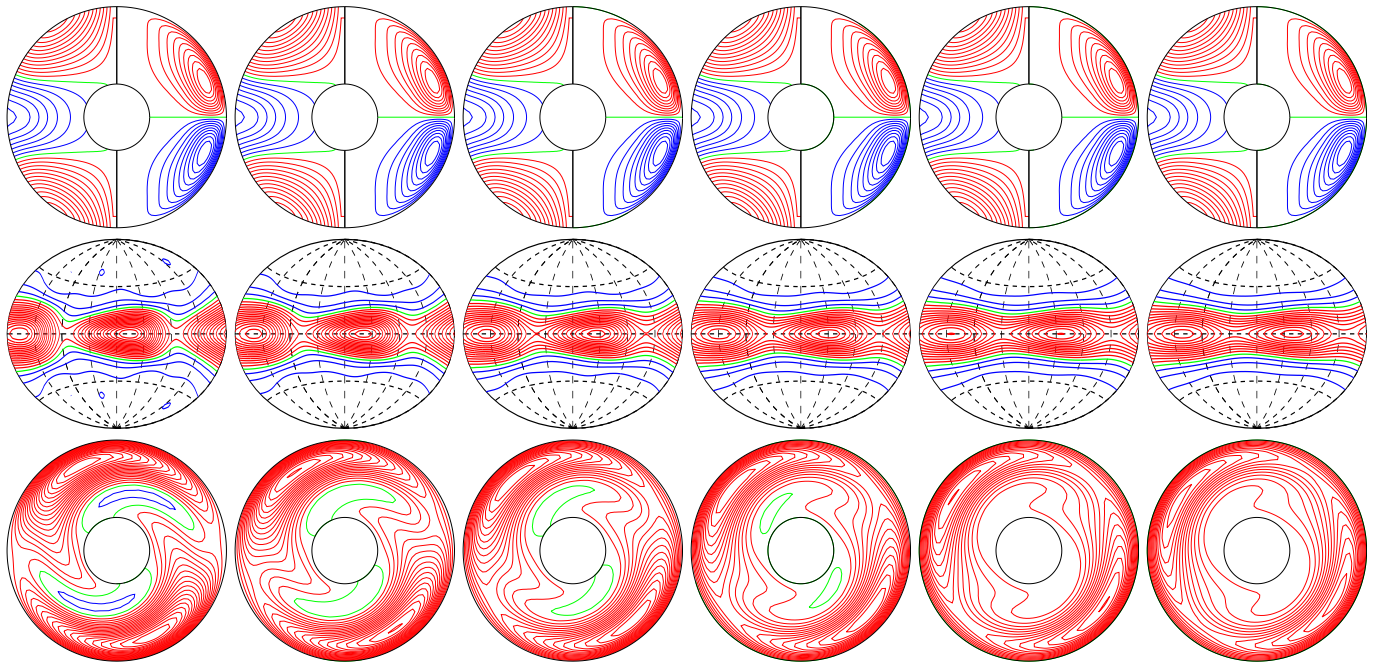


Nusselt Number

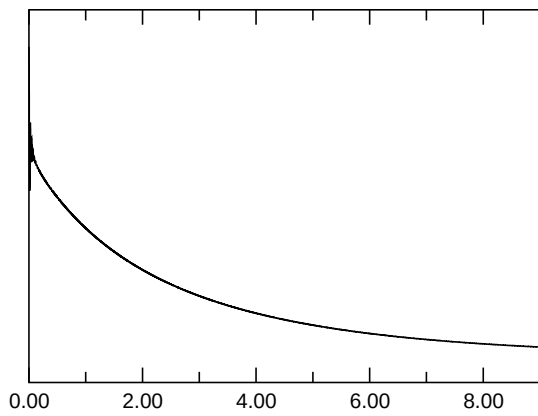


a.e03p1t03r-50000m1n2N2z4.61e4Yb.8
times: 2.560002 3.840003 5.120004 6.400005 7.680006 8.960007

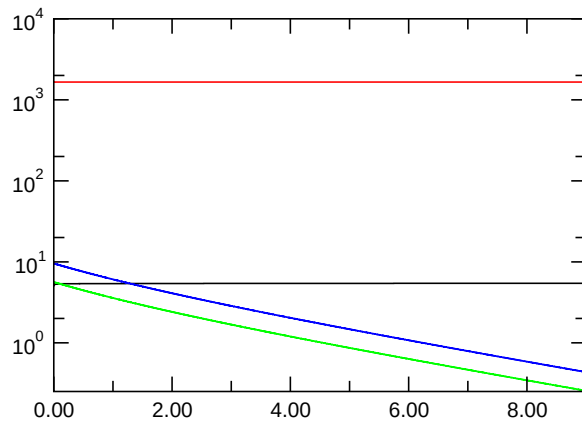
April 15, 2016



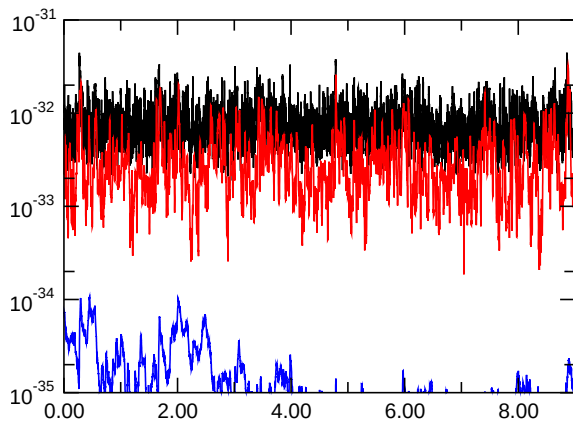
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 E_{kin}



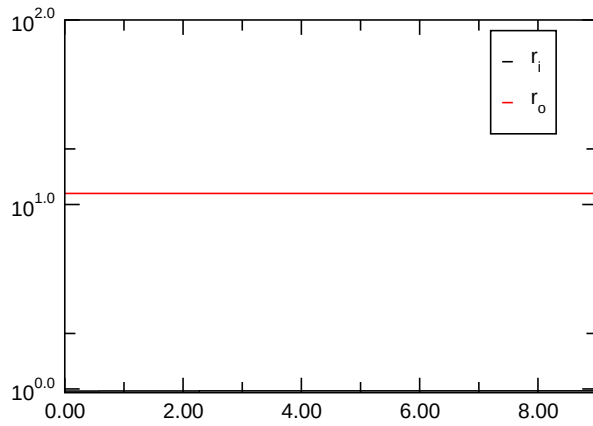
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$E_{kin,asymm.}$

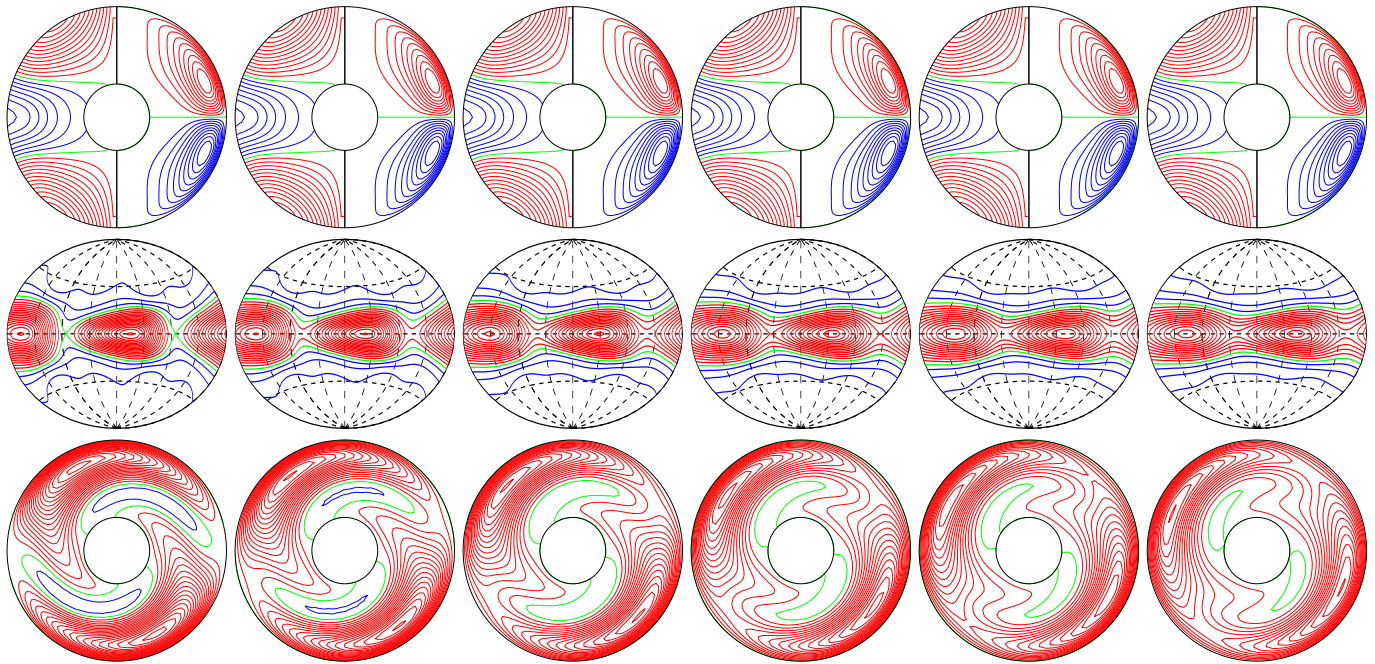


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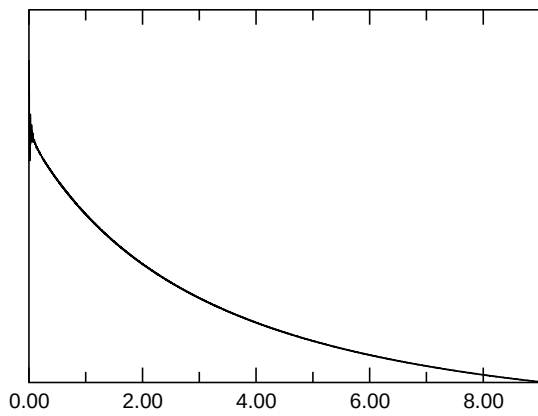


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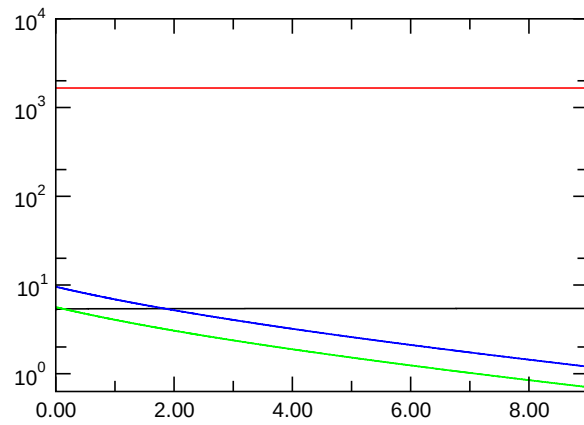
April 15, 2016



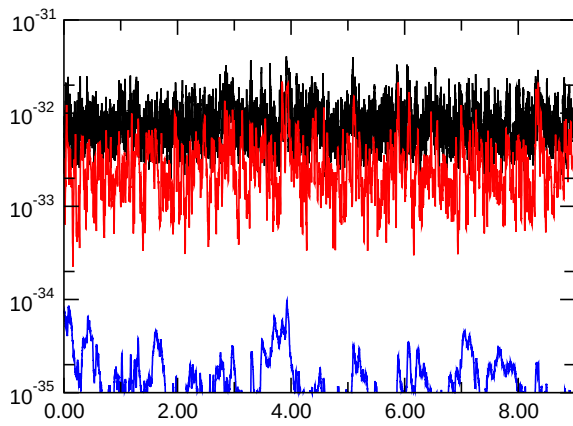
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 E_{kin}



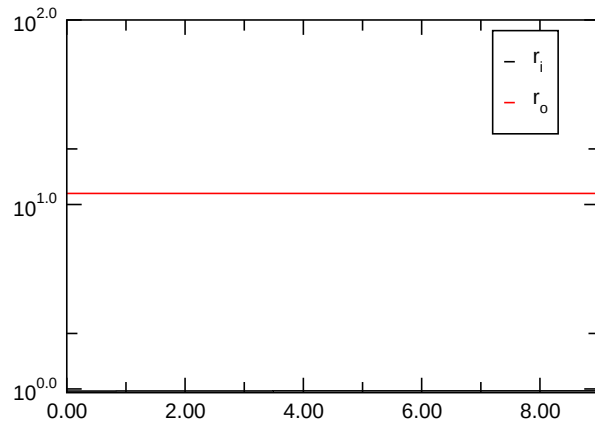
$E_{kin,symm.}$



$E_{kin,asymm.}$

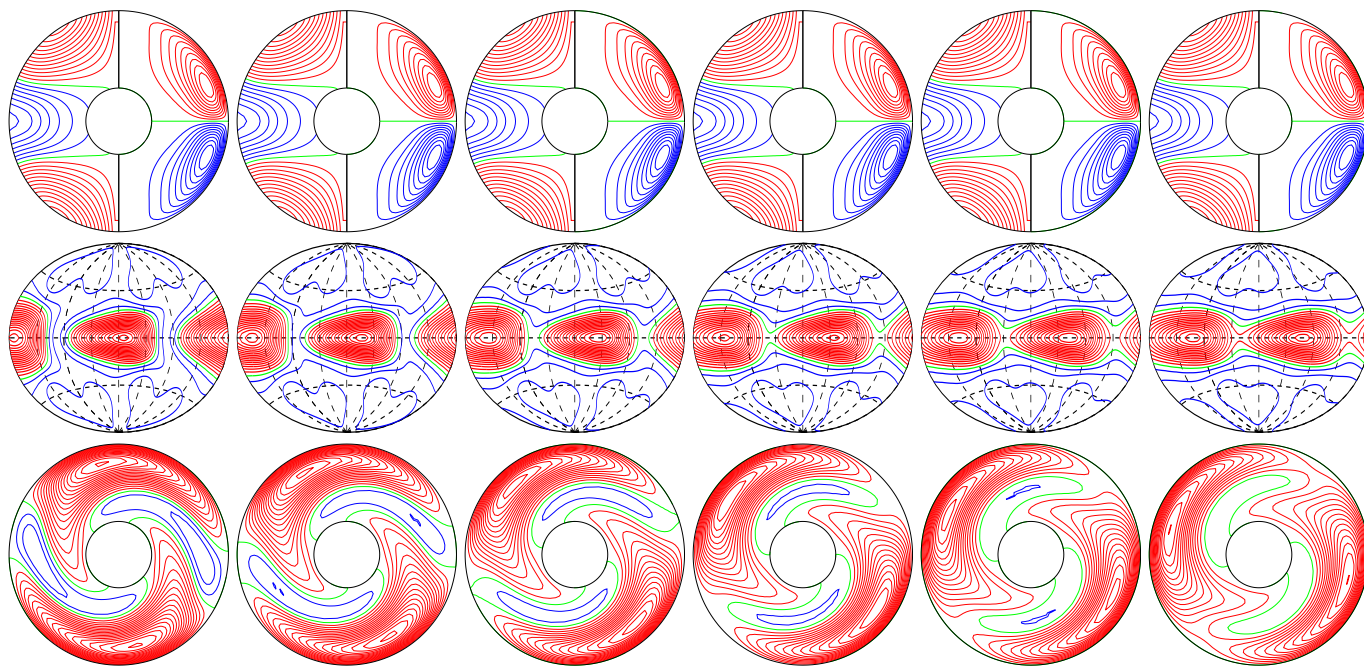


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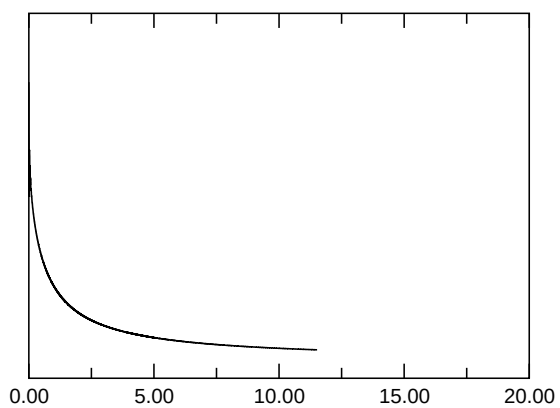


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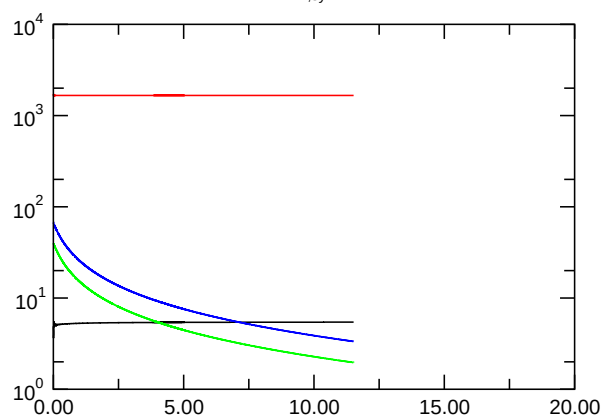
April 15, 2016



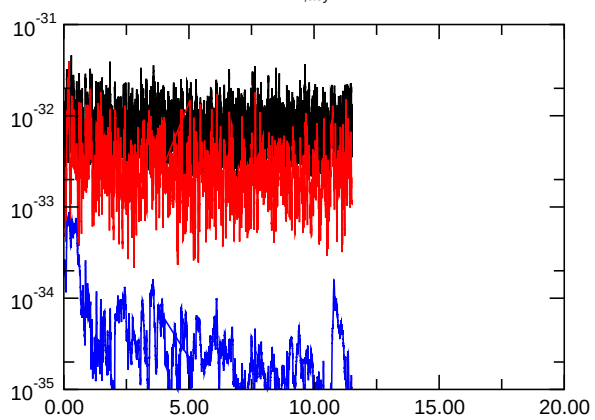
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 E_{kin}



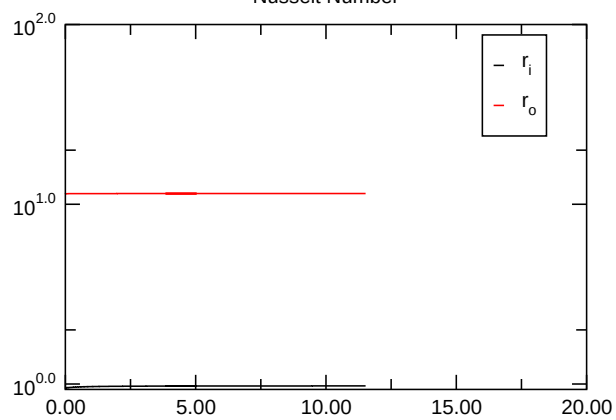
$E_{kin,symm.}$



$E_{kin,asymm.}$

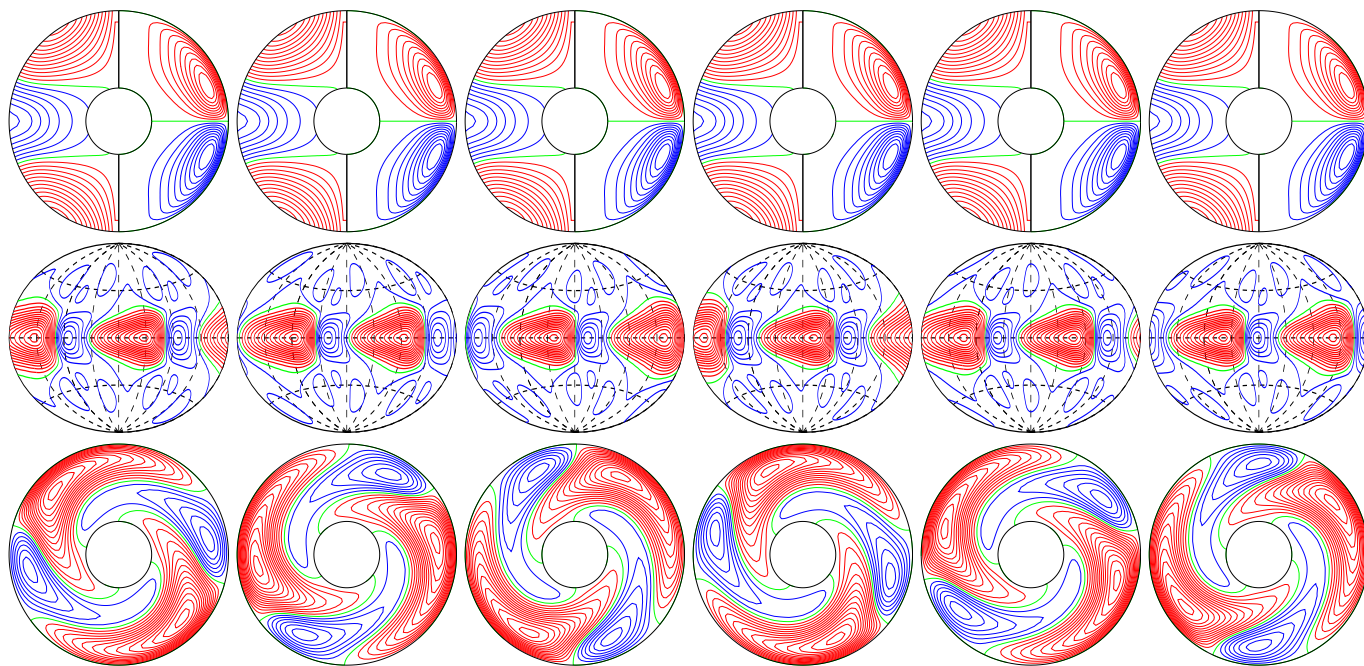


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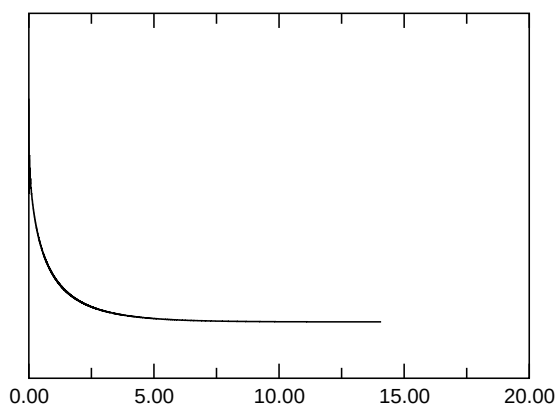


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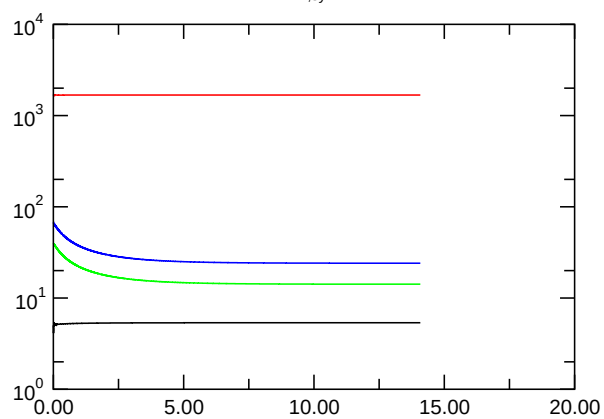
April 15, 2016



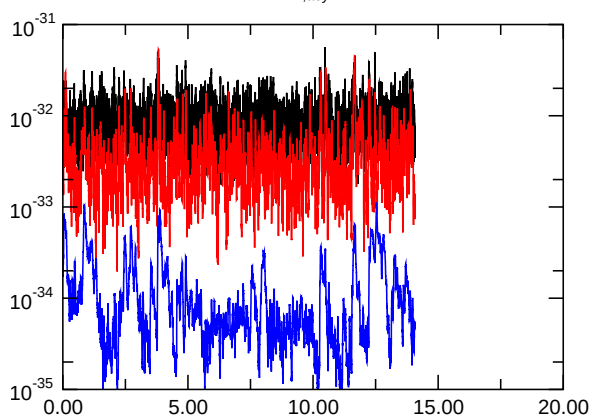
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 E_{kin}



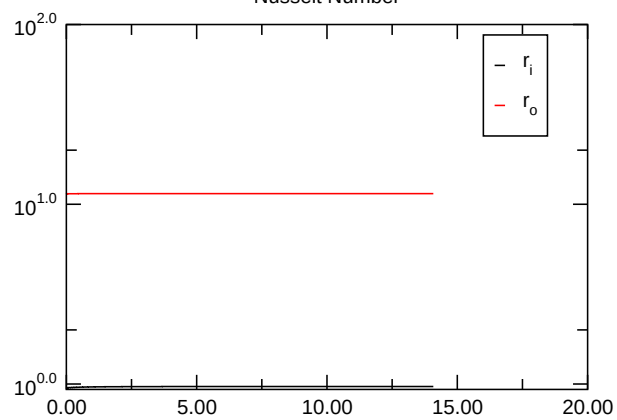
$E_{\text{kin,symm.}}$



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

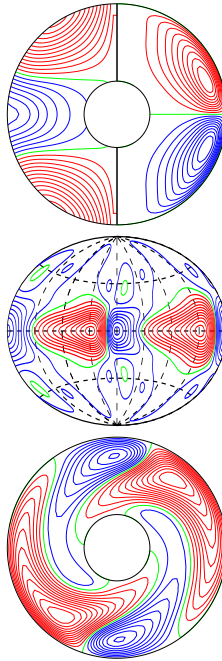


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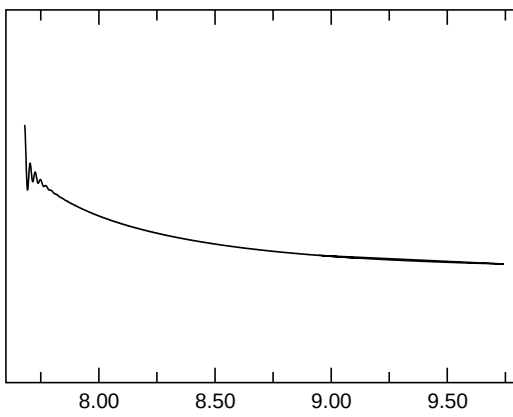


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times: 8.960007

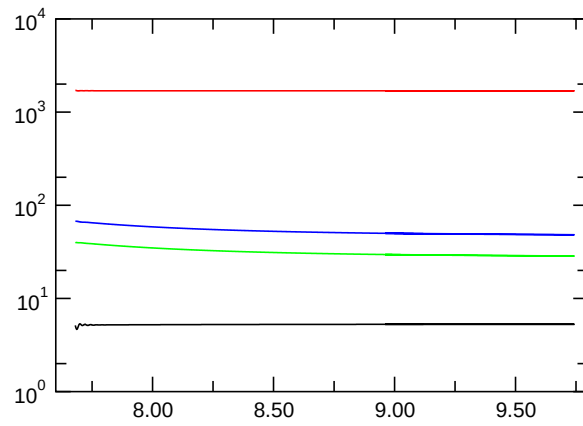
April 15, 2016



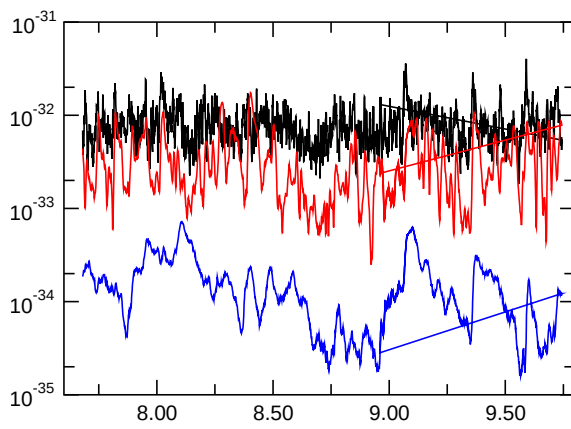
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 E_{kin}



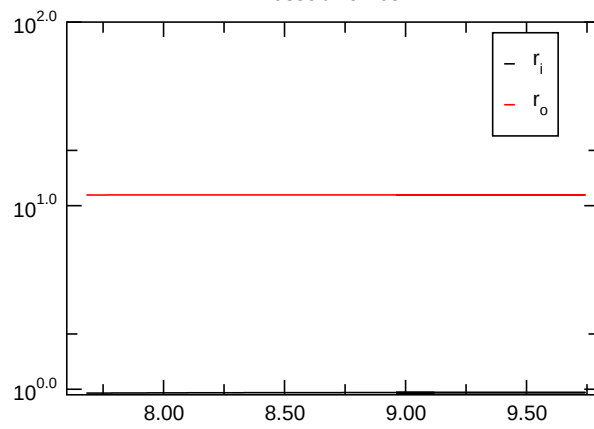
$E_{\text{kin,symm.}}$



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

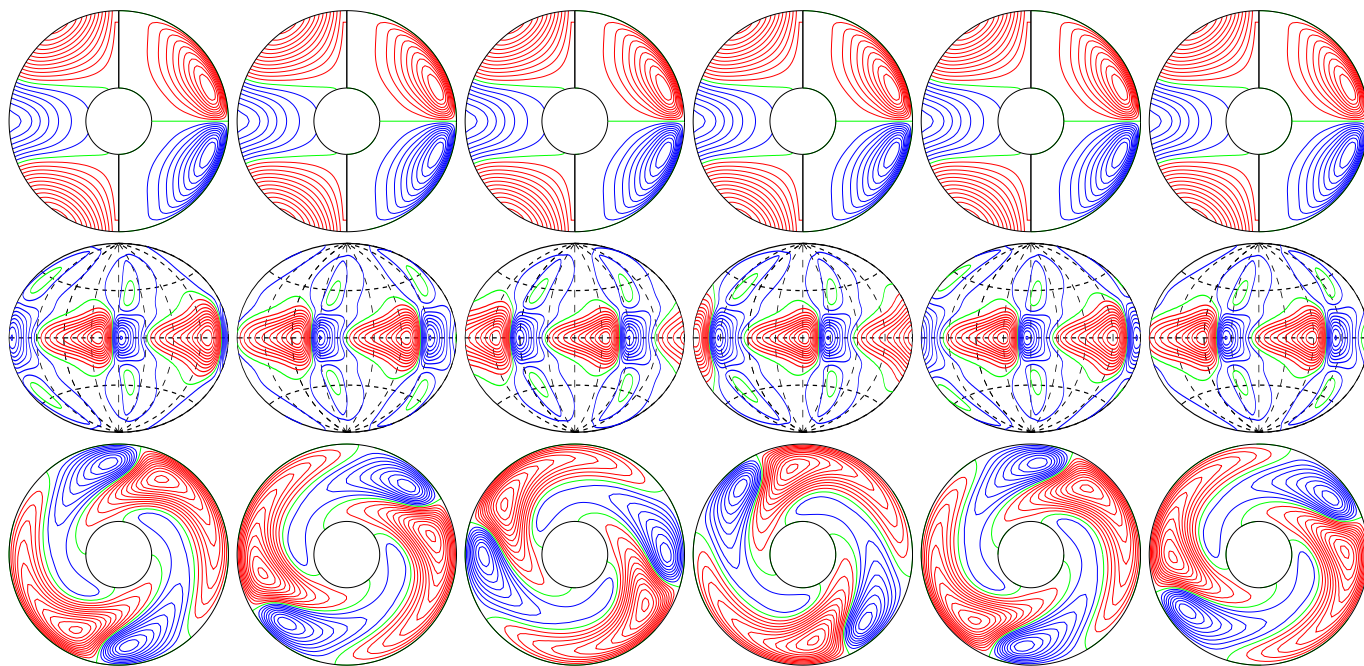


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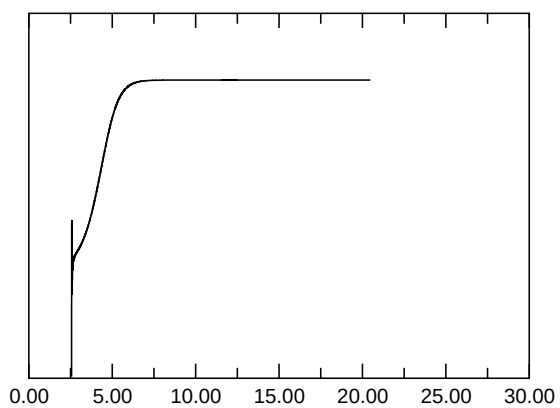


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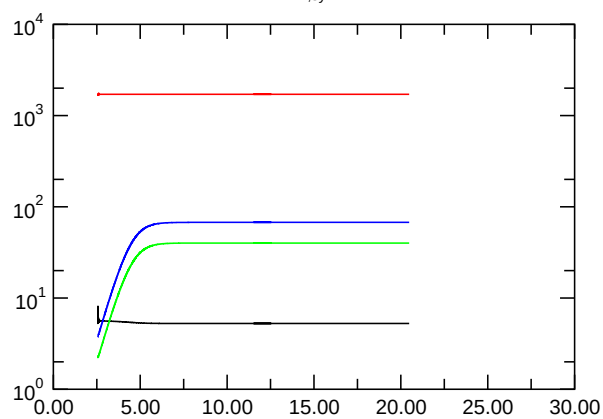
April 15, 2016



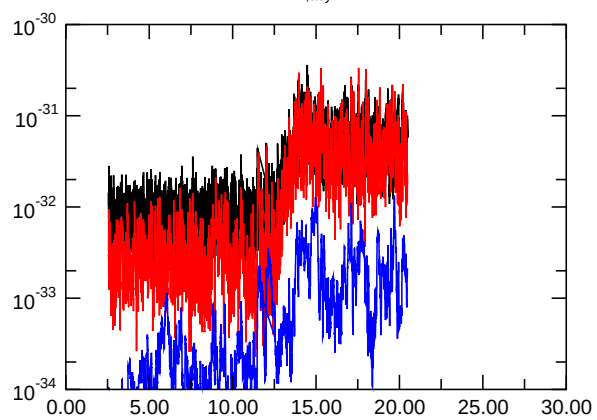
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 E_{kin}



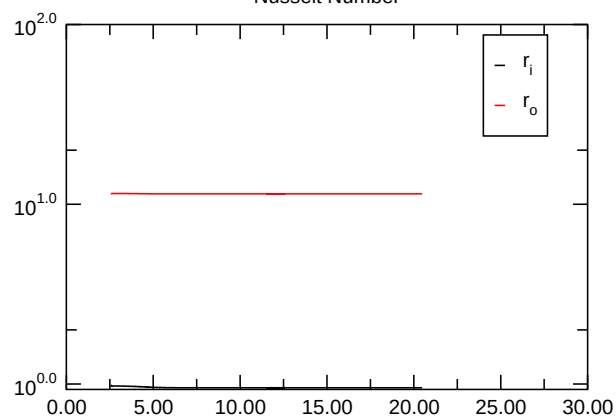
$E_{\text{kin,symm.}}$



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

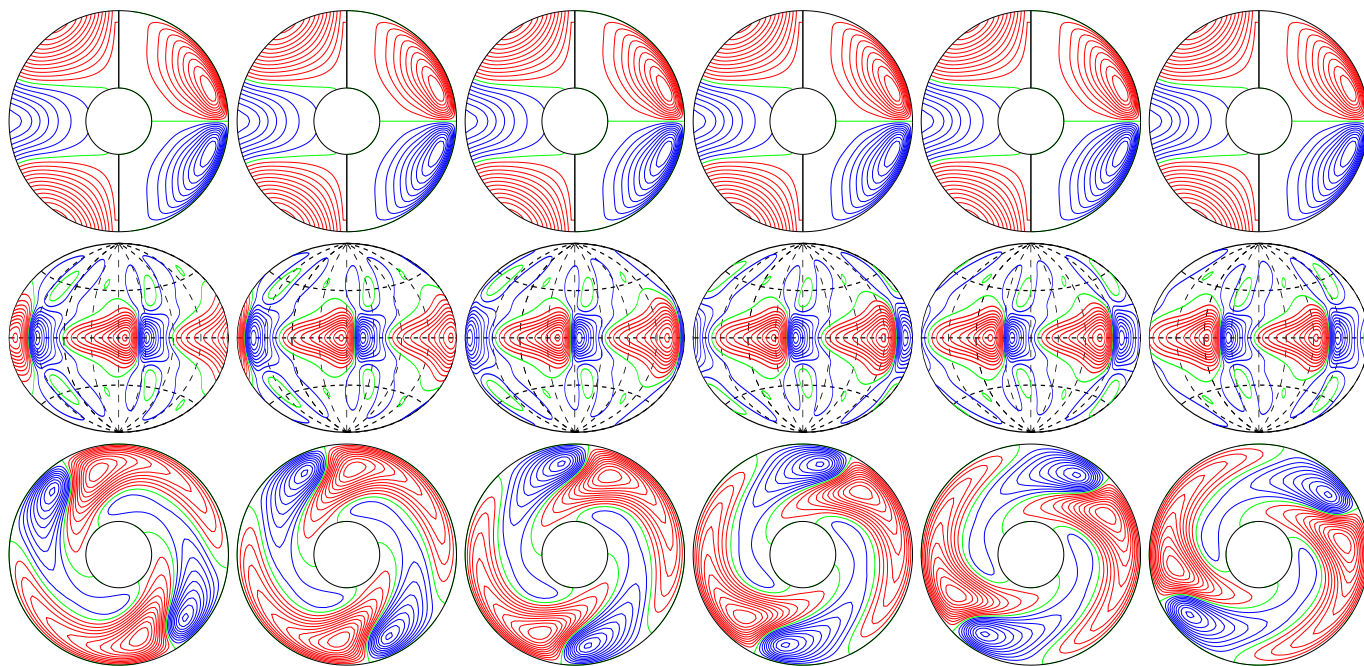


Nusselt Number

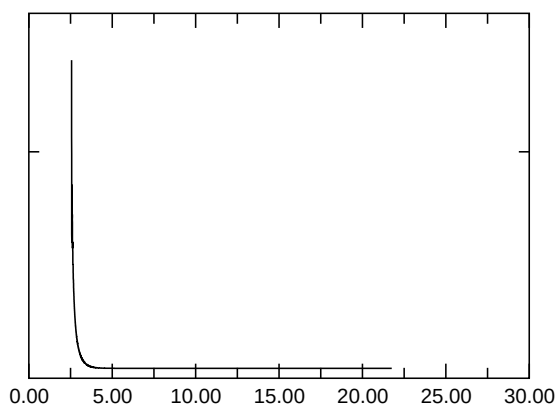


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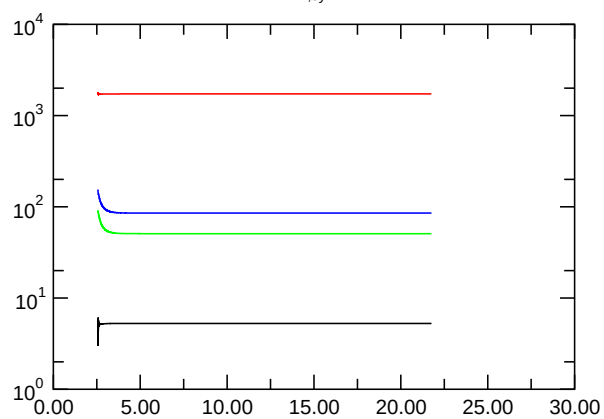
April 15, 2016



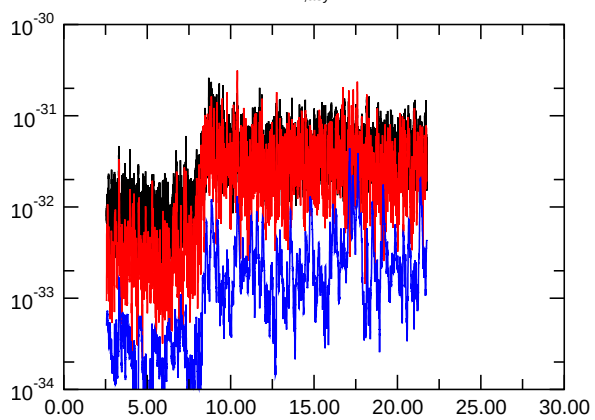
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 E_{kin}



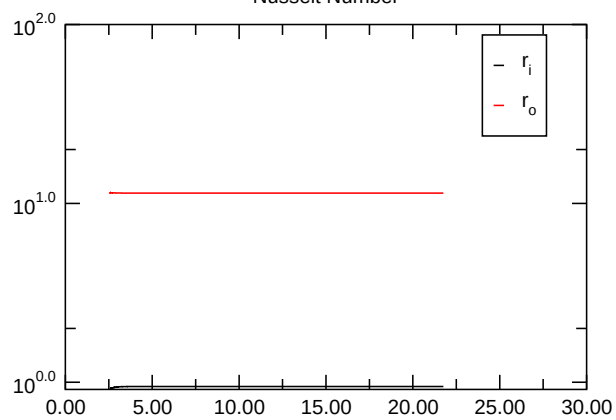
$E_{kin,symm.}$



$E_{kin,asymm.}$

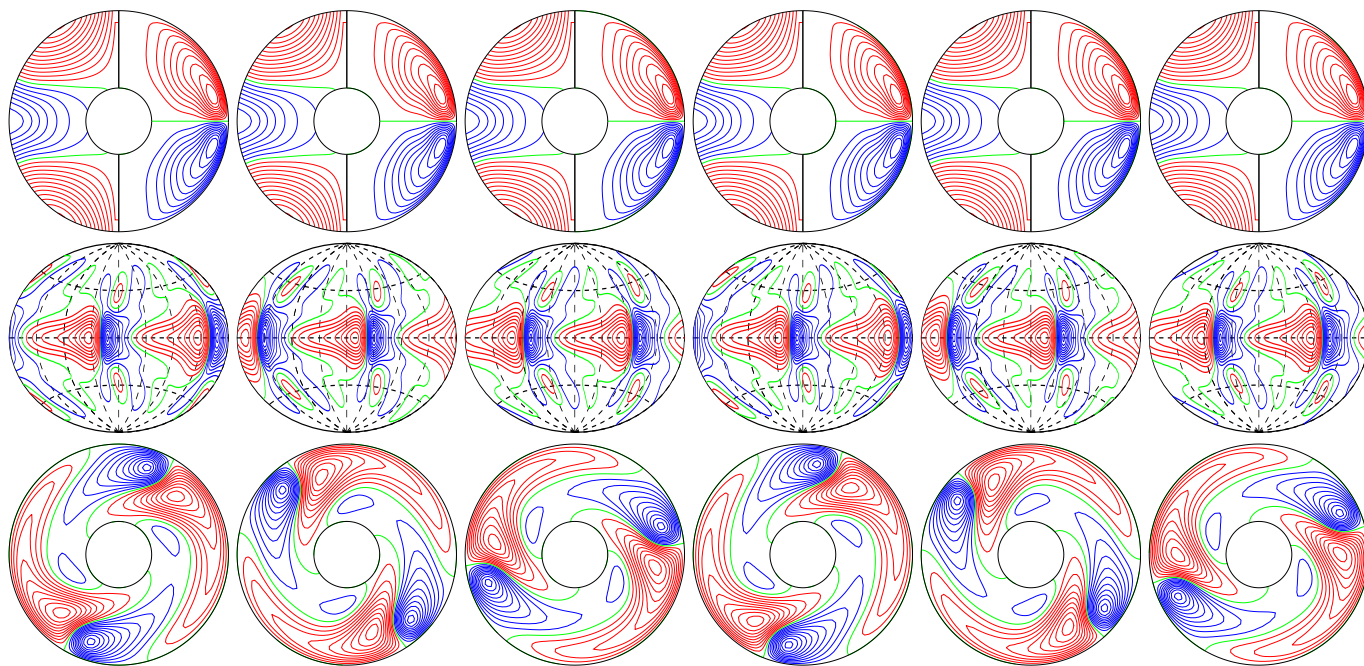


Nusselt Number

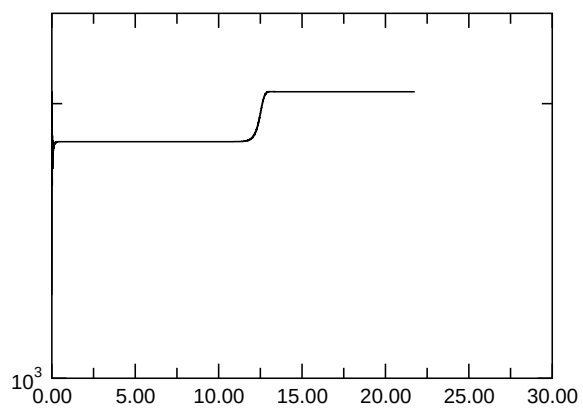


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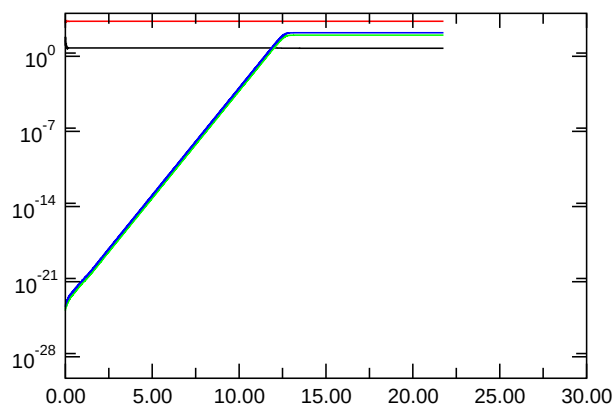
April 15, 2016



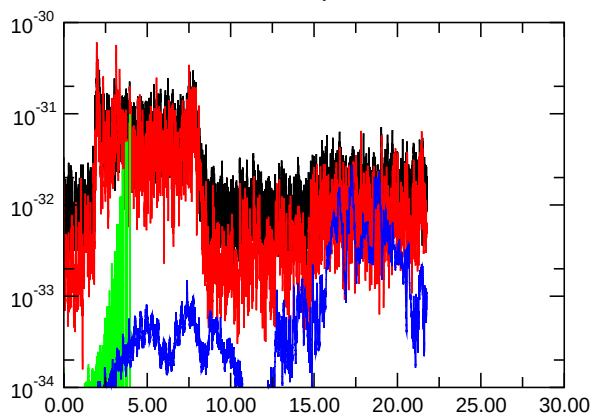
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 E_{kin}



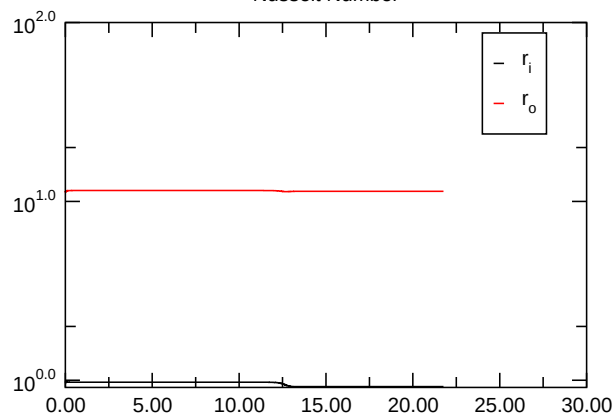
$E_{kin,symm.}$



$E_{kin,asymm.}$



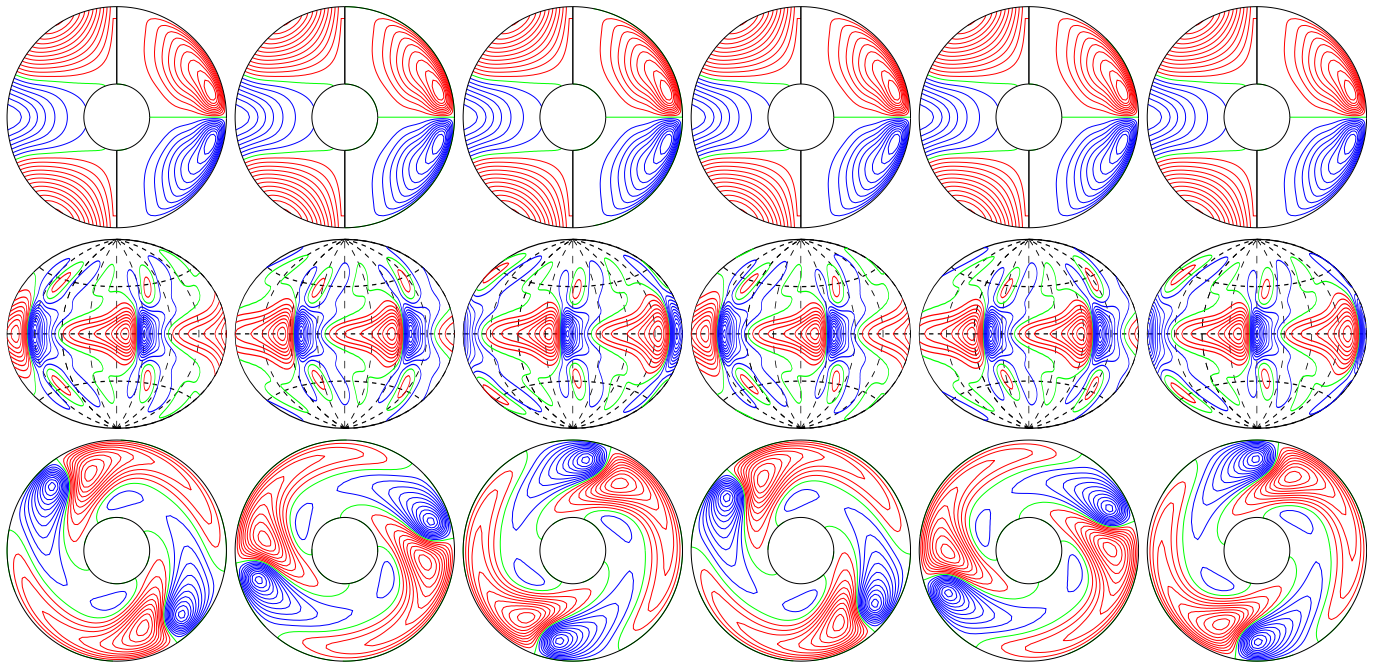
Nusselt Number



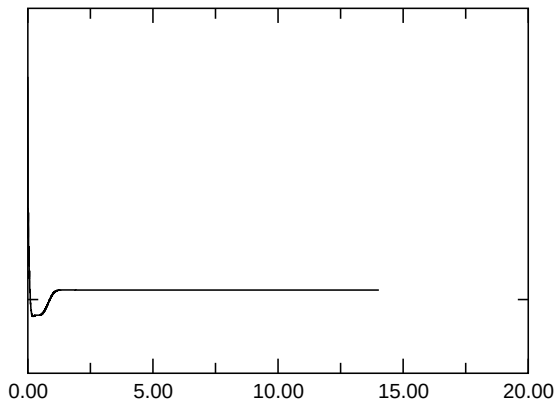
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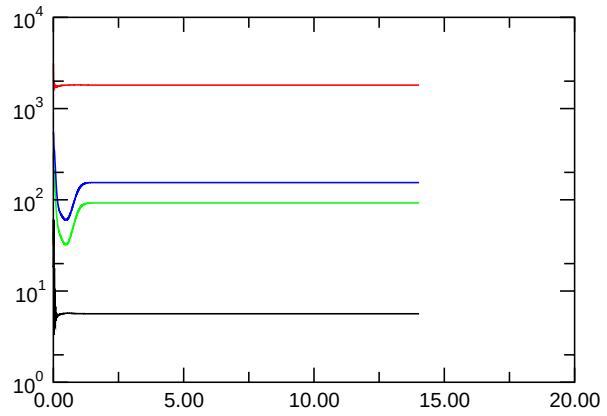
April 15, 2016



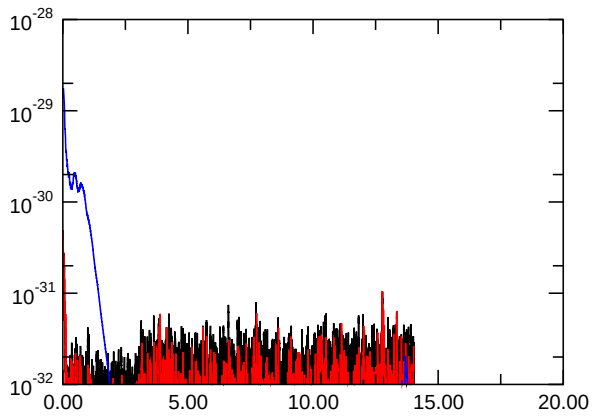
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 E_{kin}



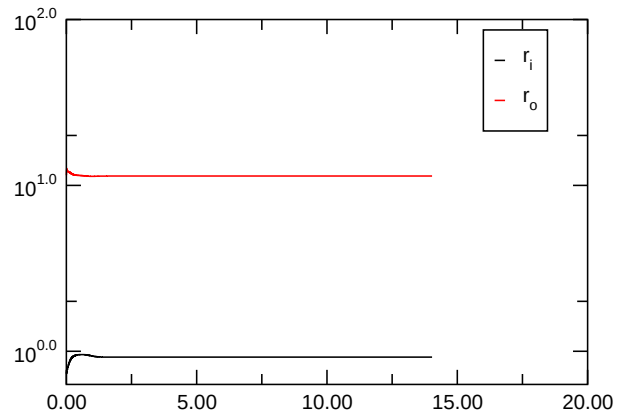
$E_{\text{kin, symm.}}$



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



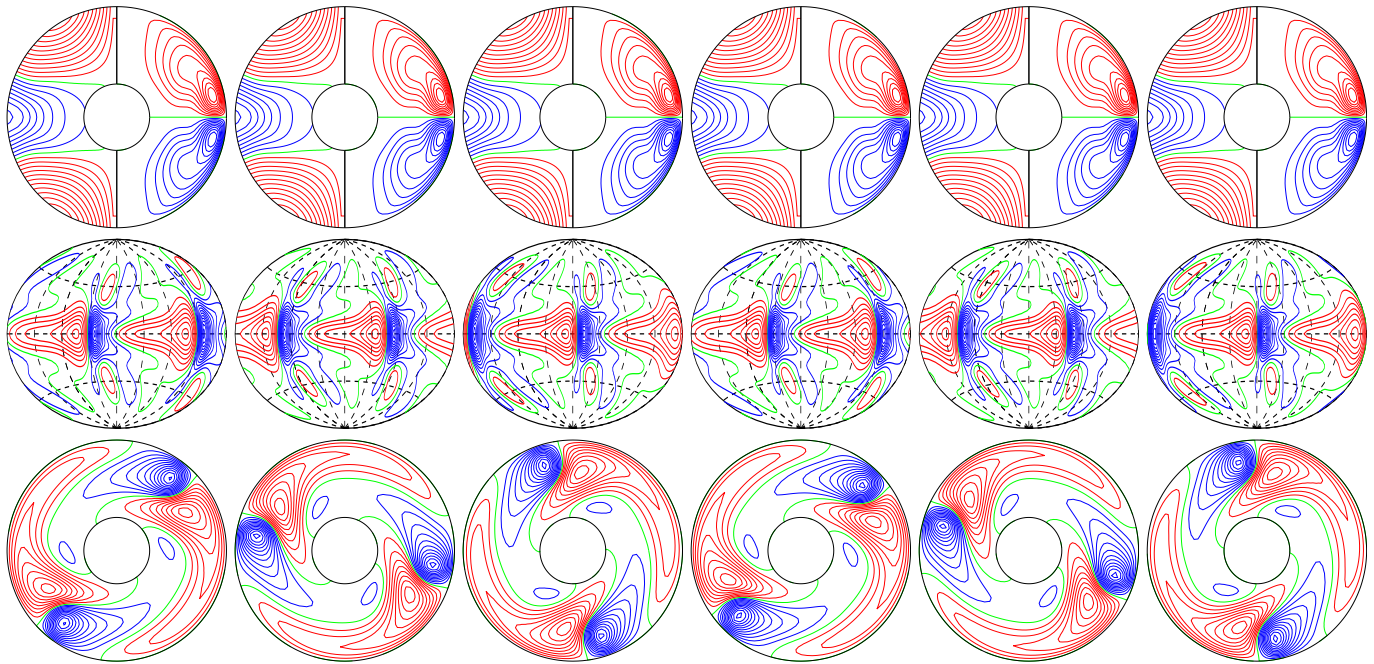
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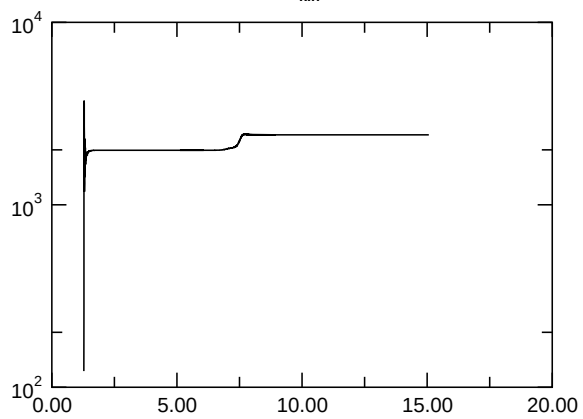
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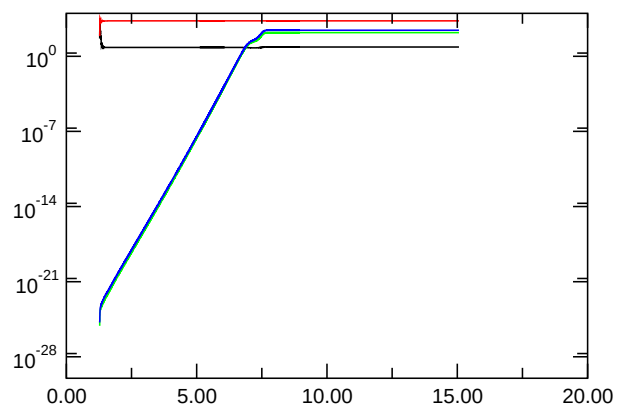
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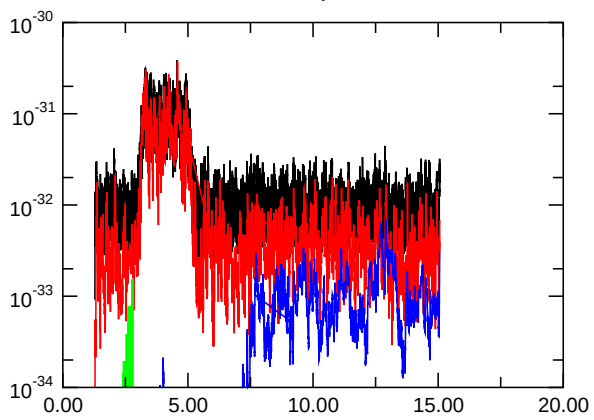
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 E_{kin}



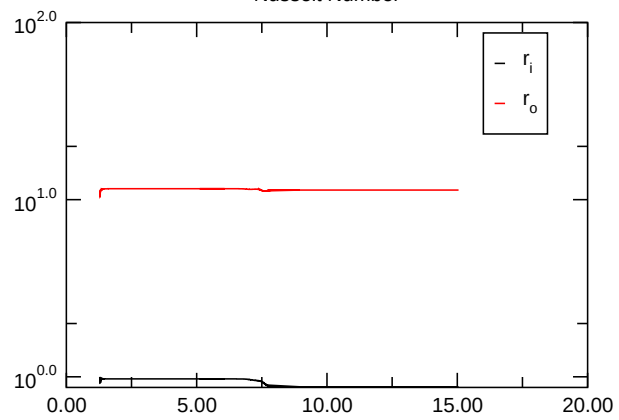
$E_{\text{kin,symm.}}$



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



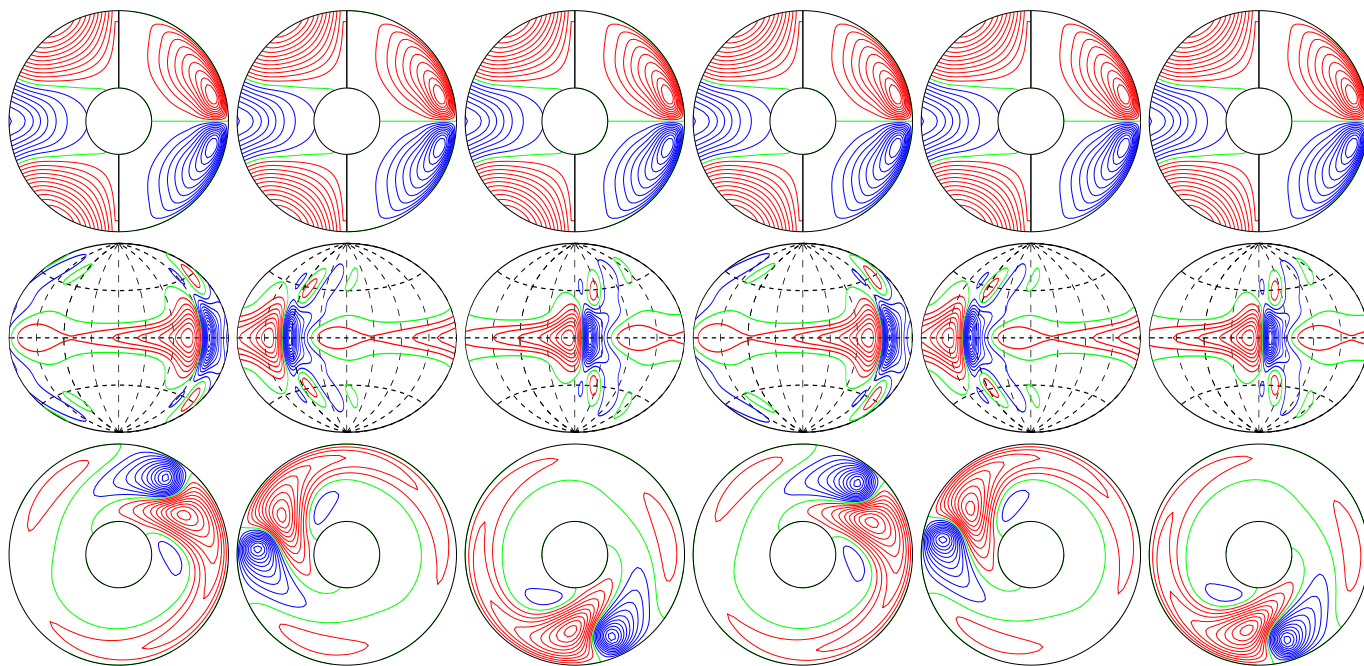
Nusselt Number



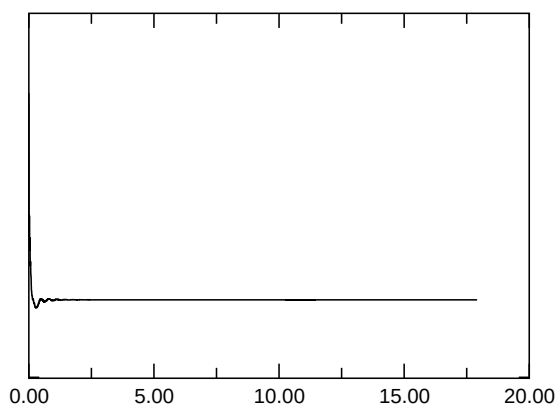
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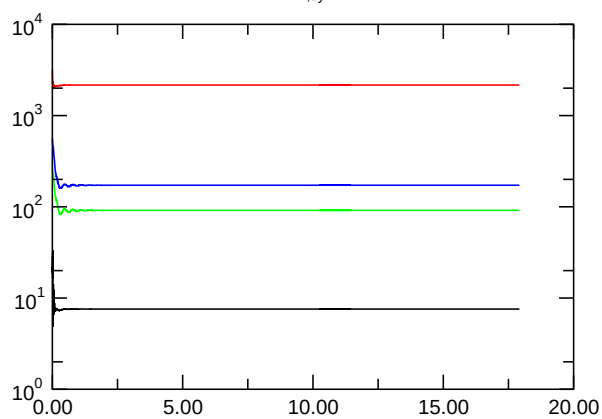
April 15, 2016



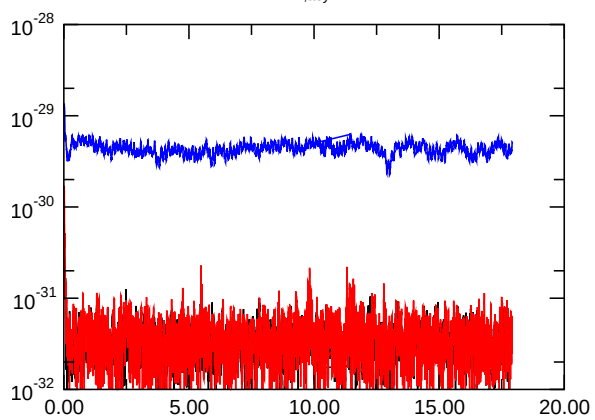
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 E_{kin}



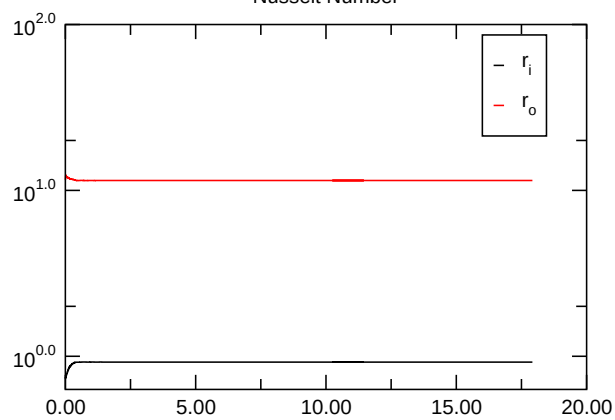
$E_{\text{kin,symm.}}$



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



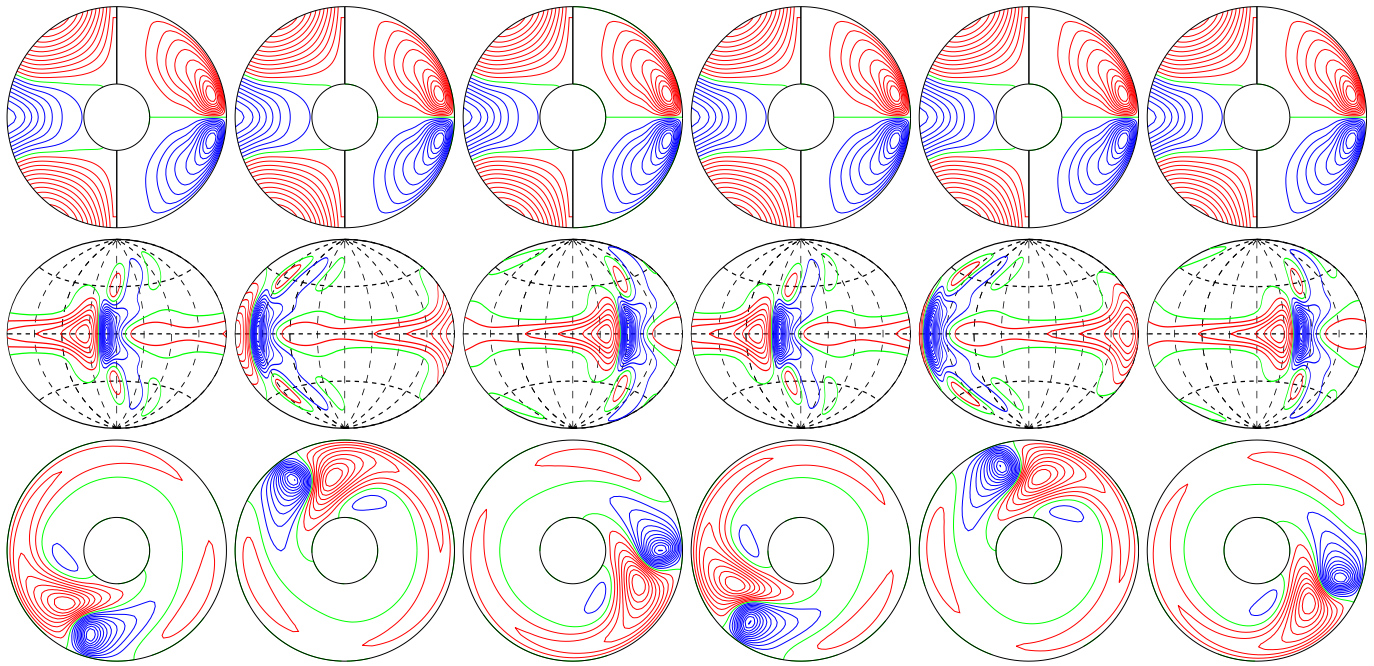
Nusselt Number



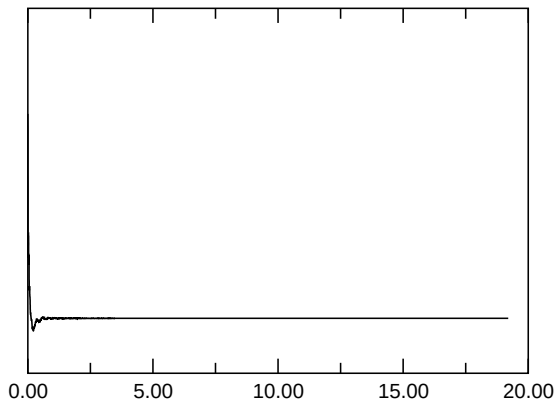
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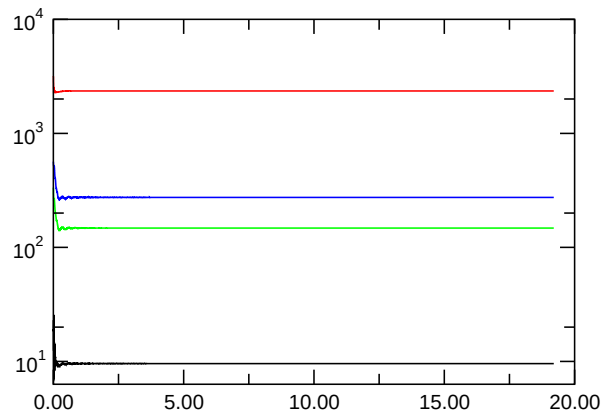
April 15, 2016



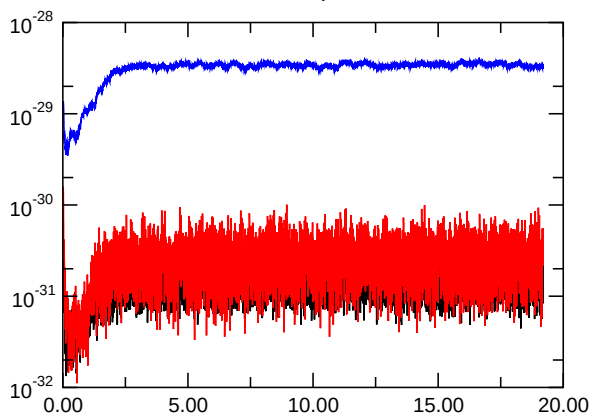
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 E_{kin}



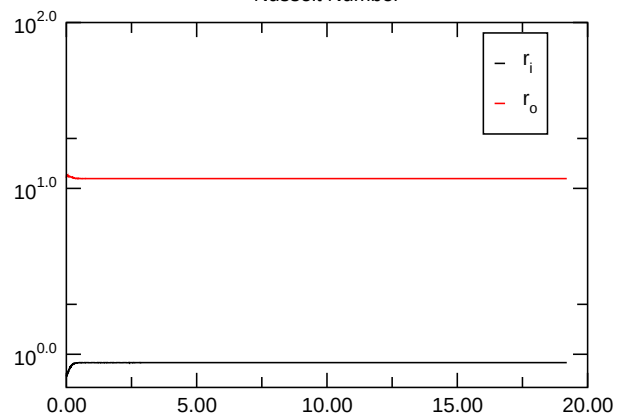
$E_{\text{kin,symm.}}$



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



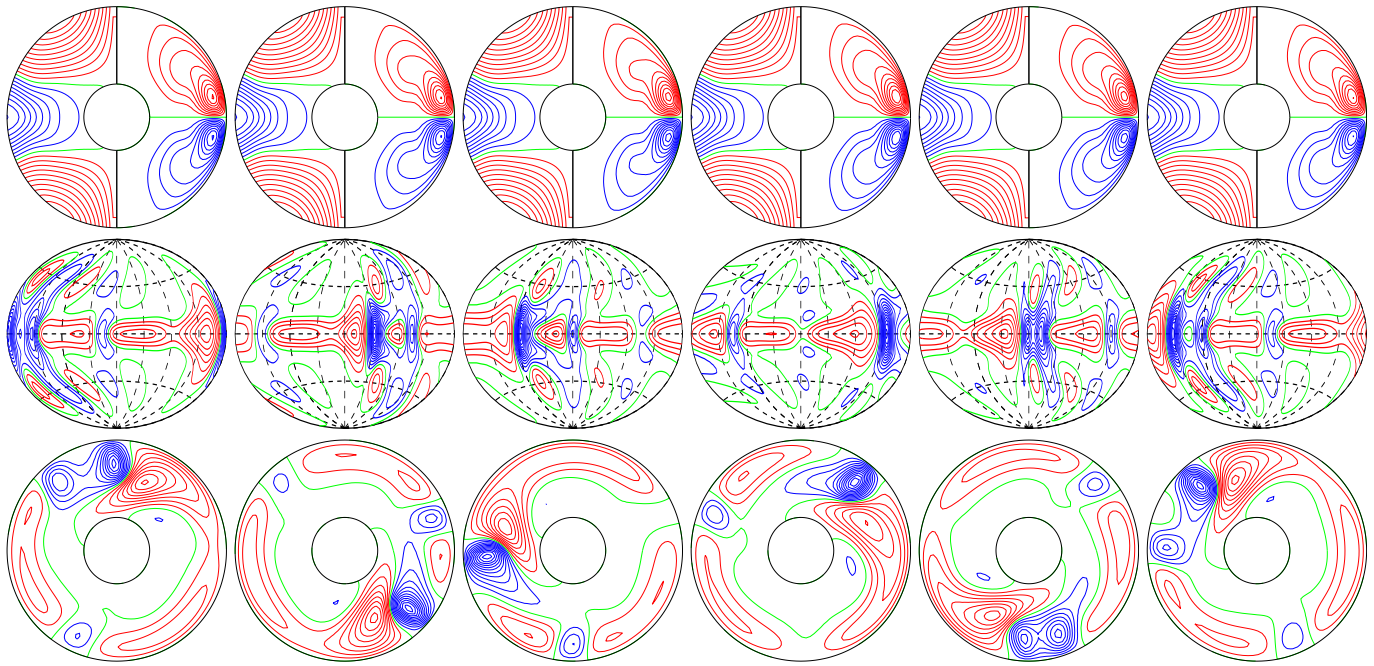
Nusselt Number



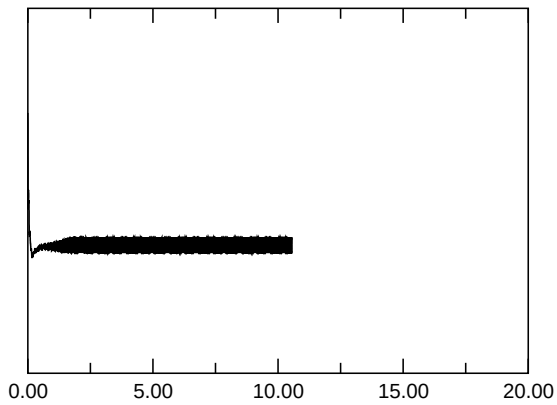
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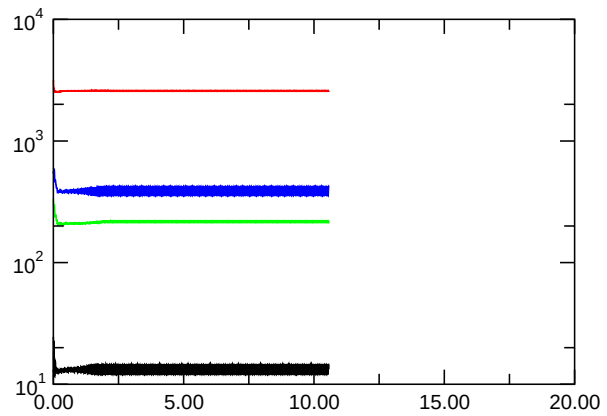
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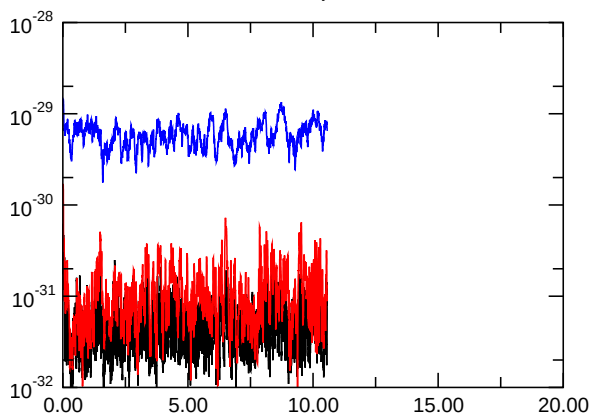
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 E_{kin}



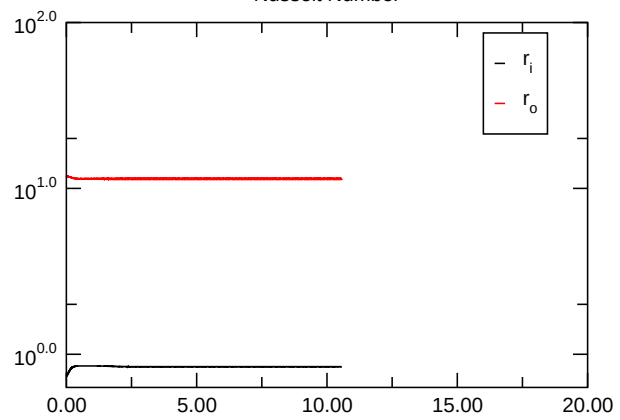
$E_{\text{kin,symm.}}$



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



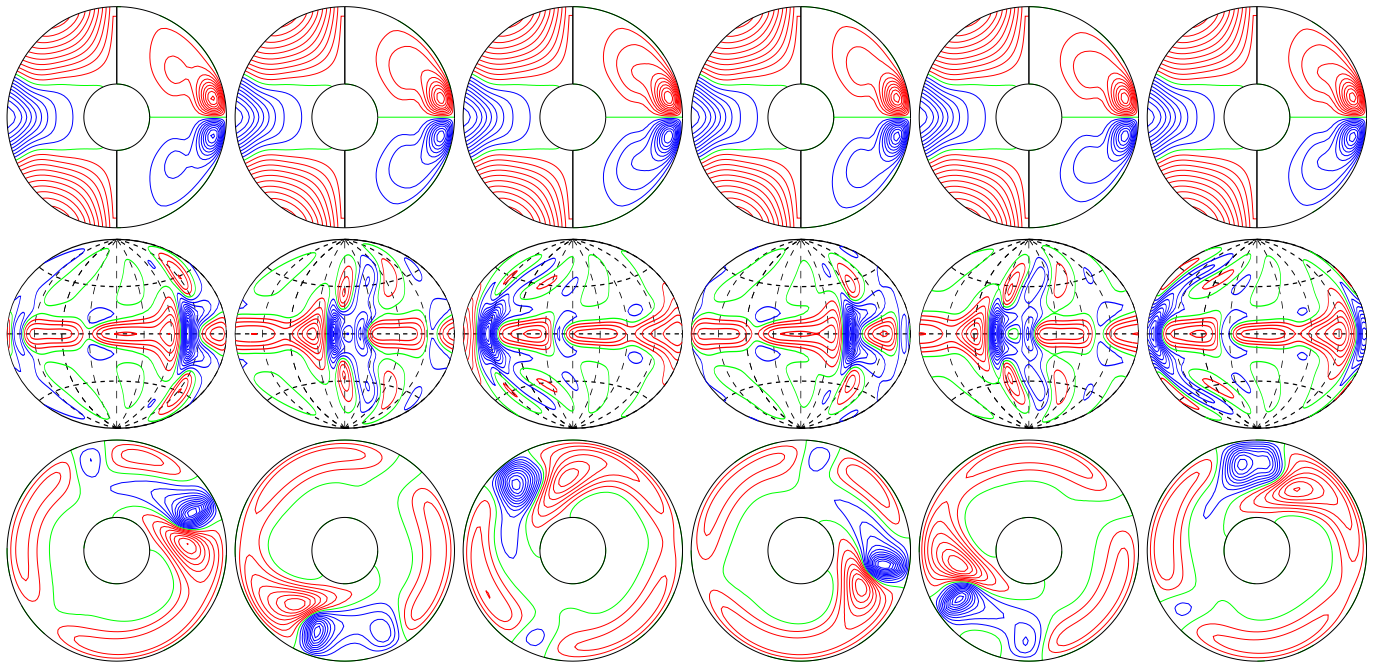
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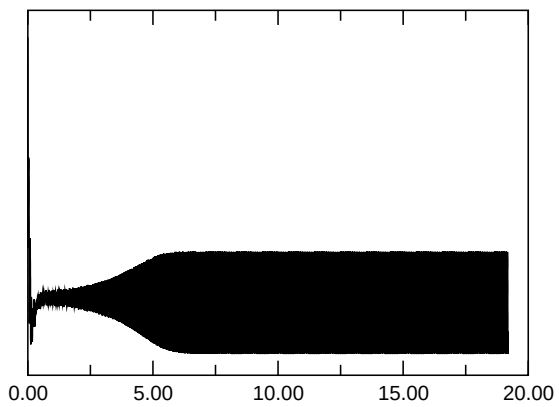
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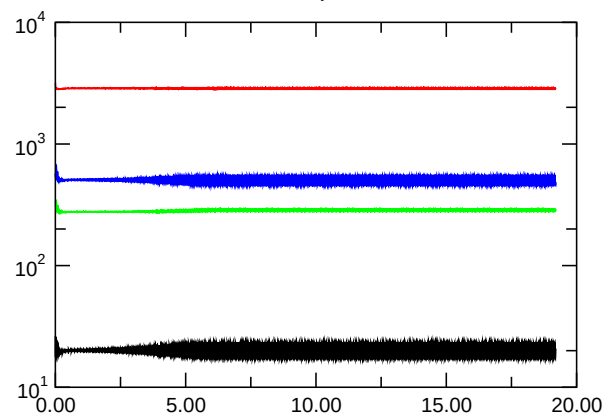
April 15, 2016



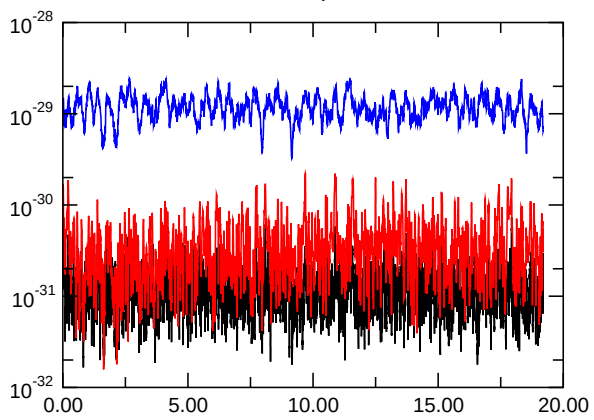
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 E_{kin}



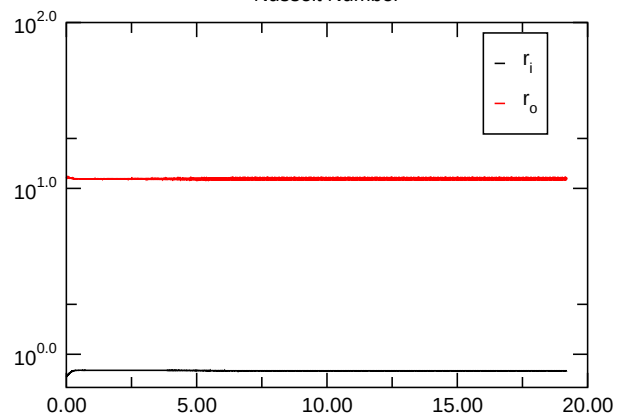
$E_{\text{kin,symm.}}$



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



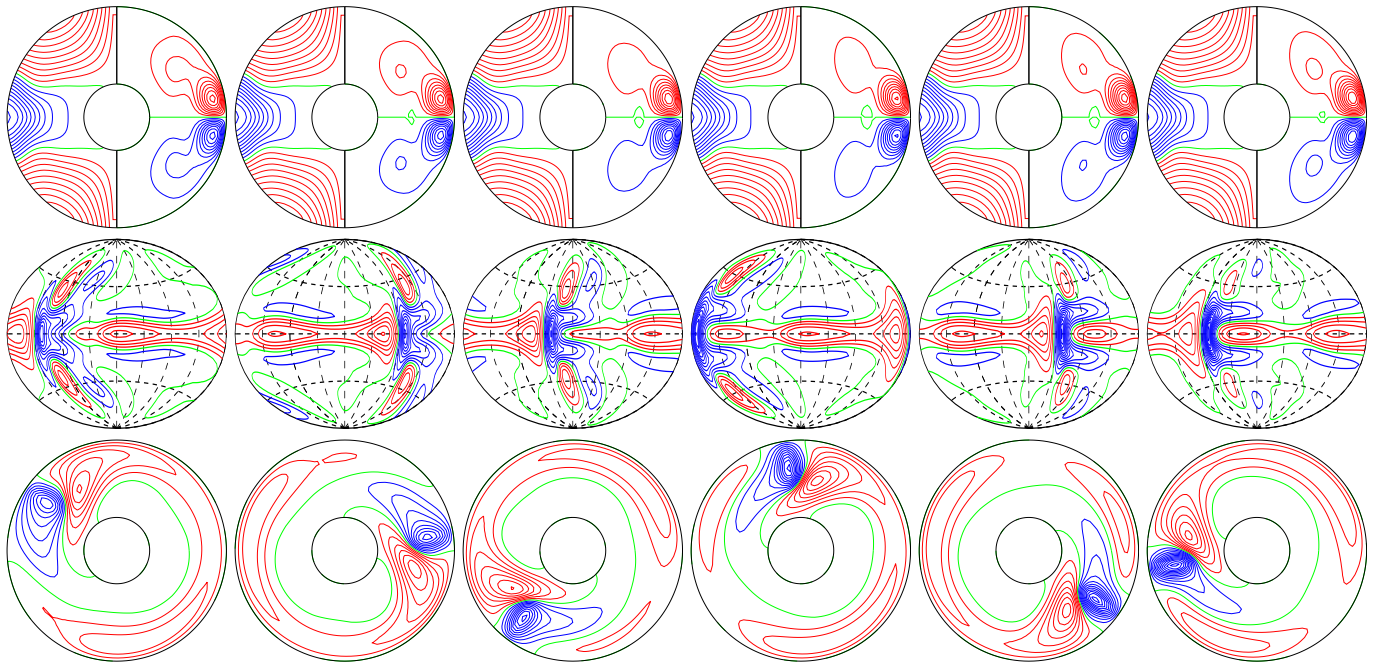
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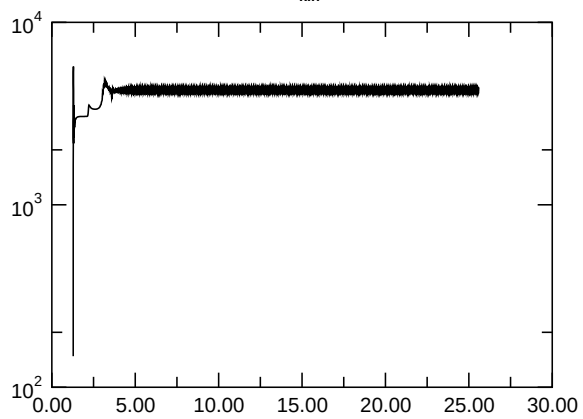
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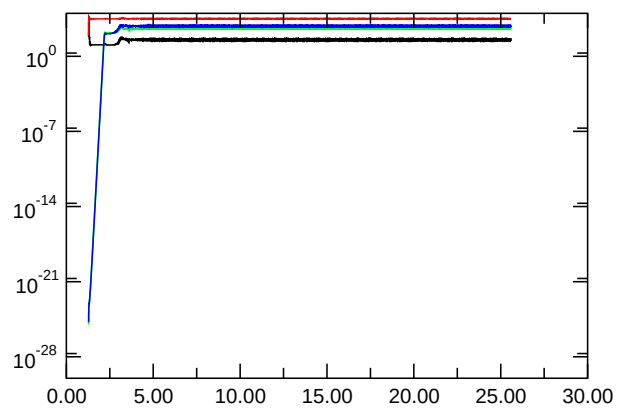
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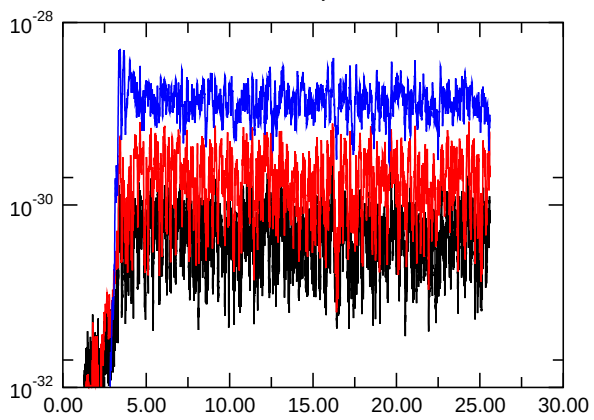
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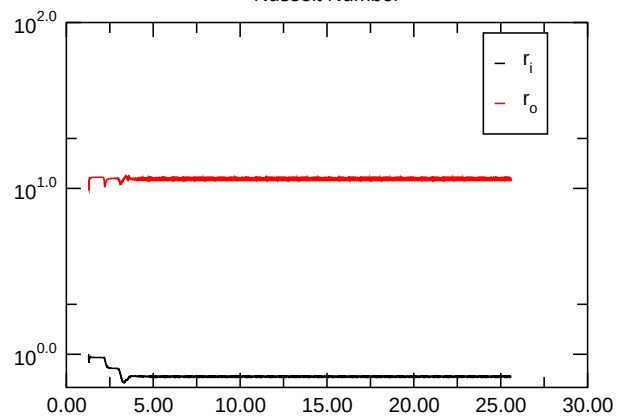
$E_{\text{kin,symm.}}$



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



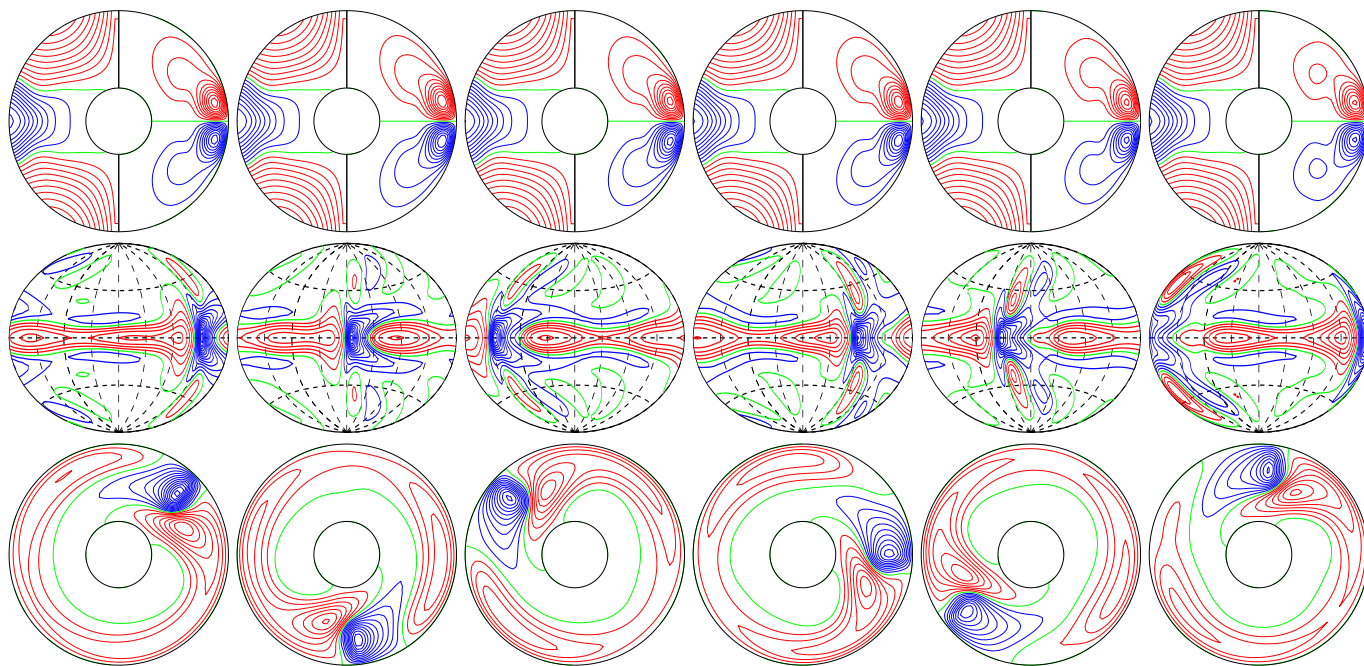
Nusselt Number



a.e03p1t03r-50000m1n2N2z6.0e4Ya.9

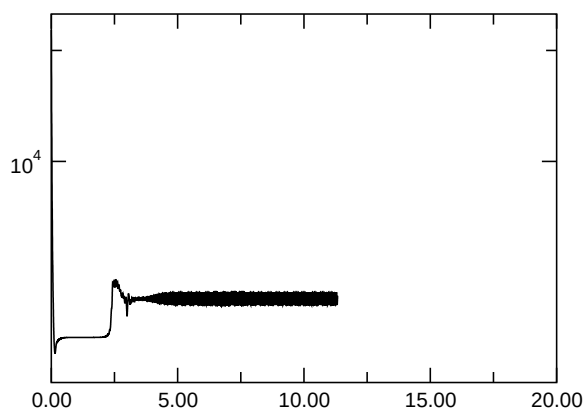
times: 3.840003 5.120004 6.400005 7.680006 8.960007 10.24001

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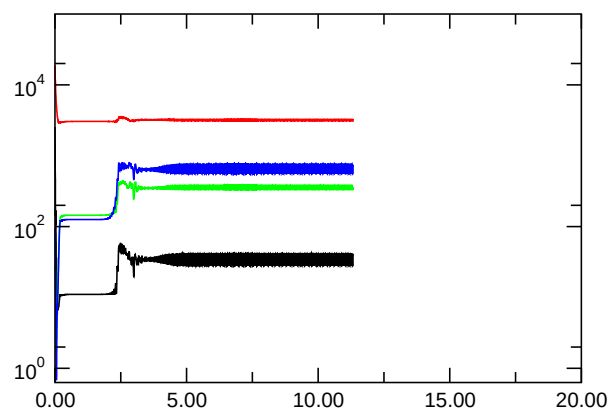


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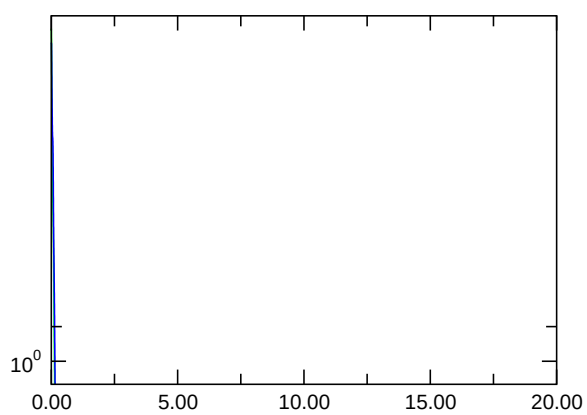
E_{kin}



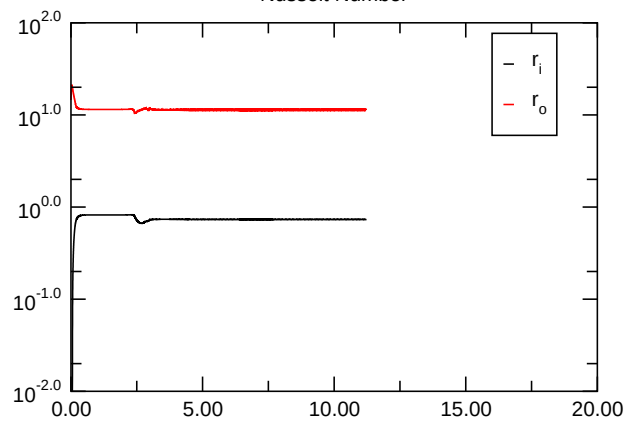
$E_{\text{kin,symm.}}$

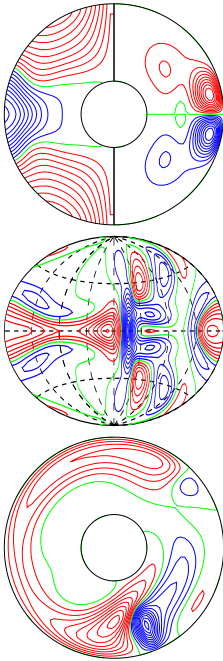


$E_{\text{kin,asymm.}}$

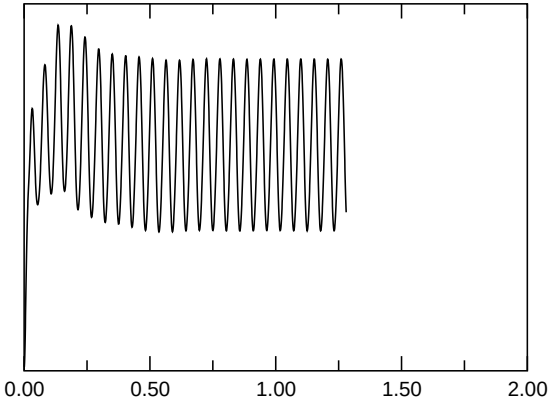


Nusselt Number

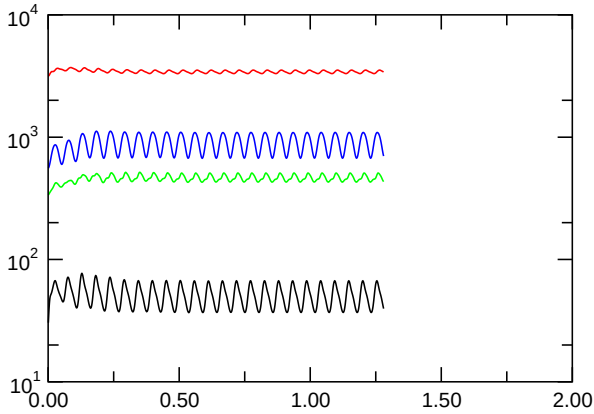




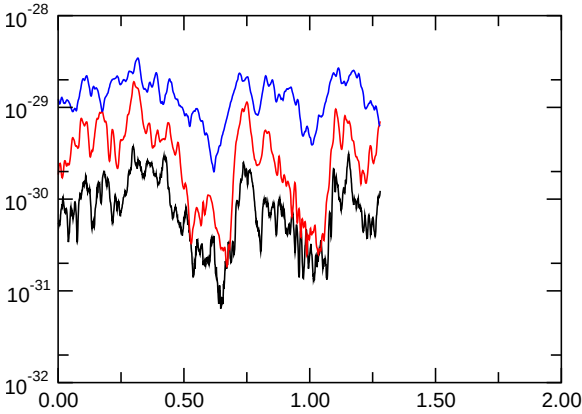
a.e03p1t03r-50000m1n2N2z6.2e4Yb
 E_{kin}



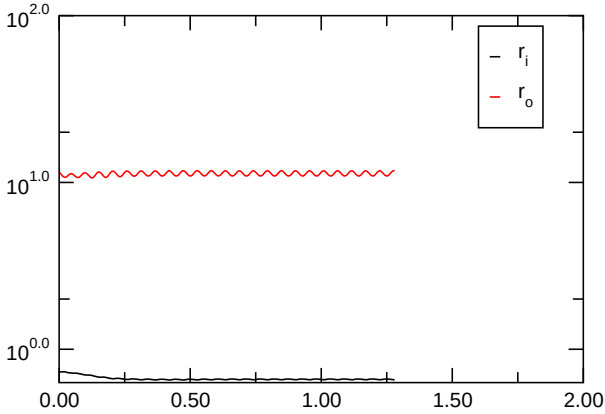
$E_{\text{kin,symm.}}$



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

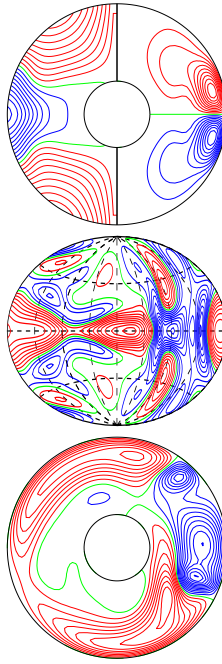


Nusselt Number

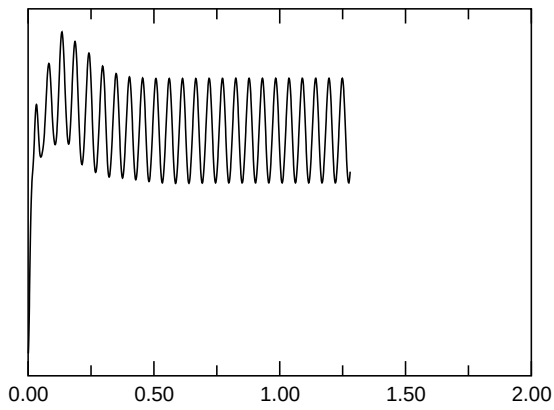


a.e03p1t03r-50000m1n2N2z6.4e4Yb.2
times: 1.280001

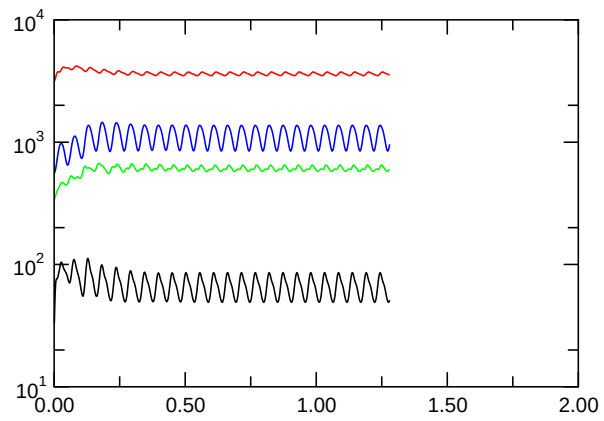
April 15, 2016



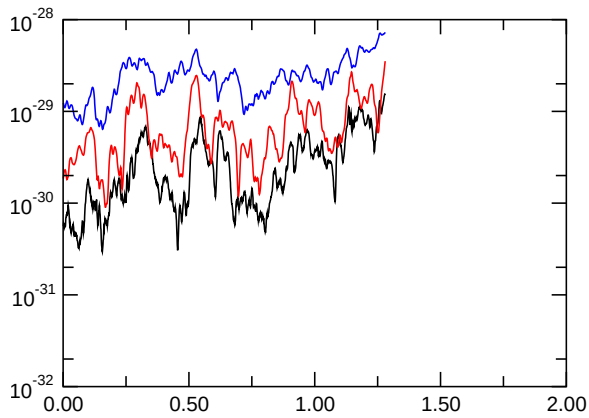
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 E_{kin}



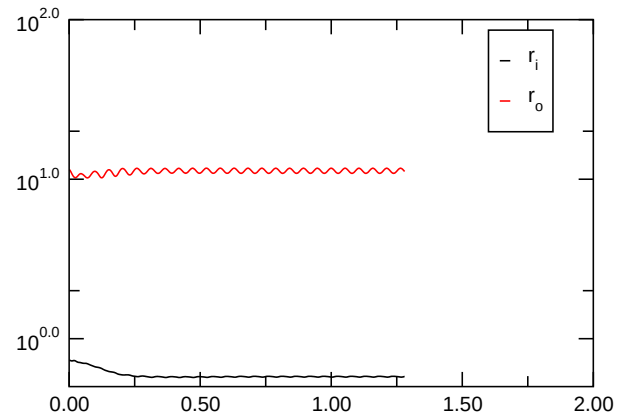
$E_{\text{kin,symm.}}$



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

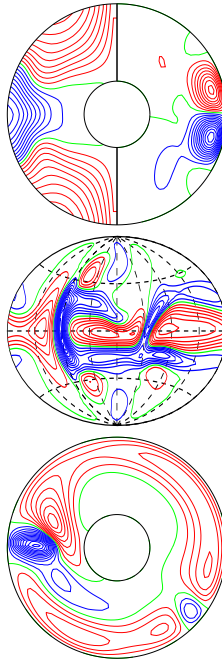


Nusselt Number

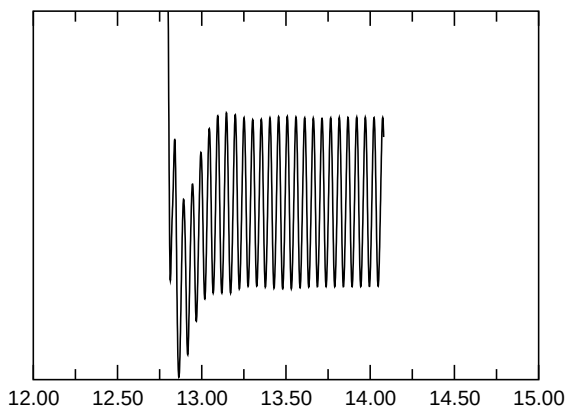


a.e03p1t03r-50000m1n2N2z6.6e4Ya.2
times: 14.08001

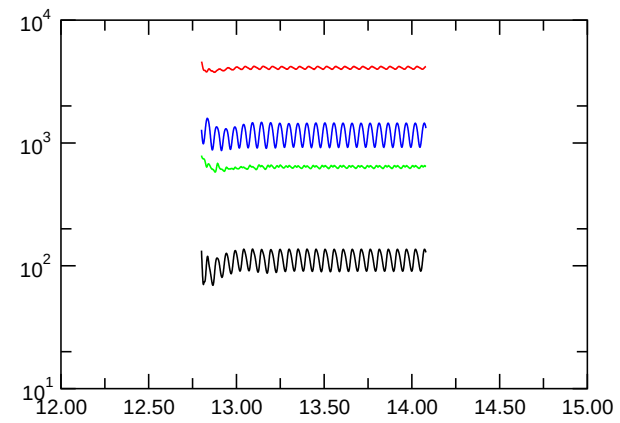
April 15, 2016



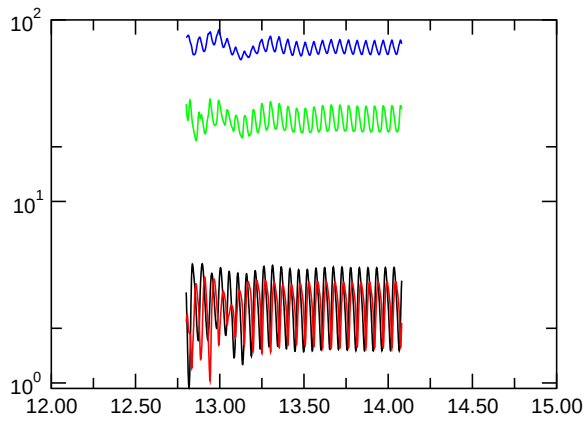
a.e03p1t03r-50000m1n2N2z6.6e4Ya
 E_{kin}



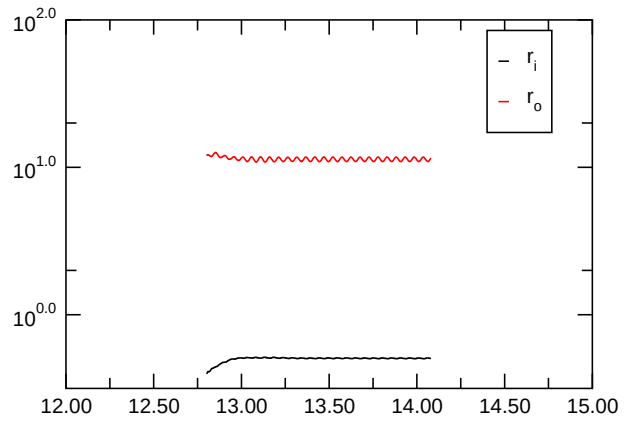
$E_{\text{kin,symm.}}$

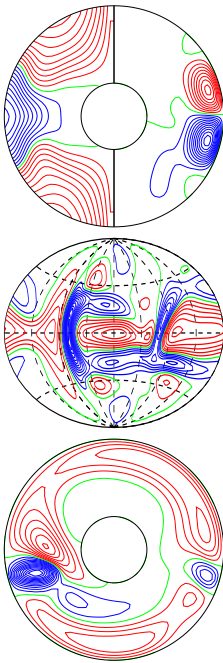


$E_{\text{kin,asymm.}}$

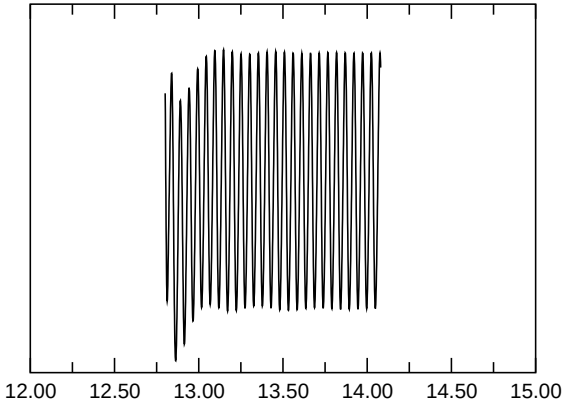


Nusselt Number

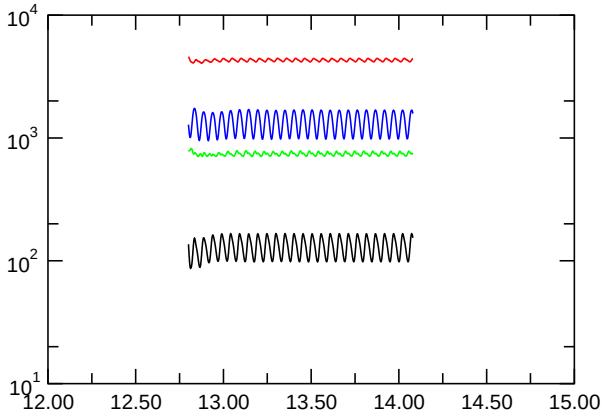




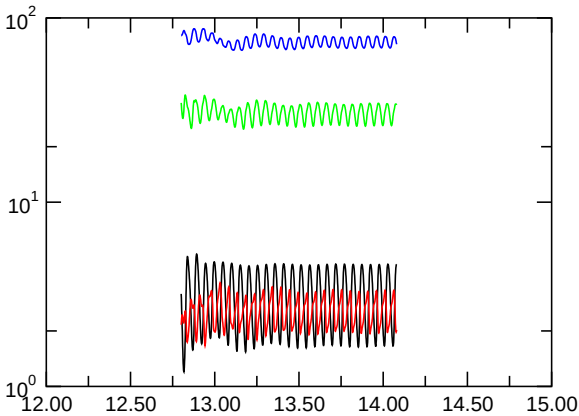
a.e03p1t03r-50000m1n2N2z6.8e4Ya
 E_{kin}



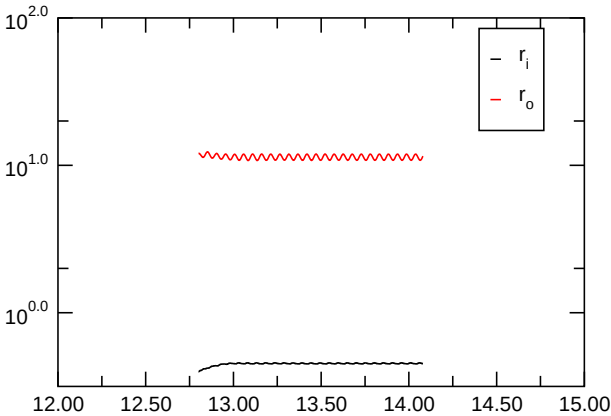
$E_{\text{kin,symm.}}$



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



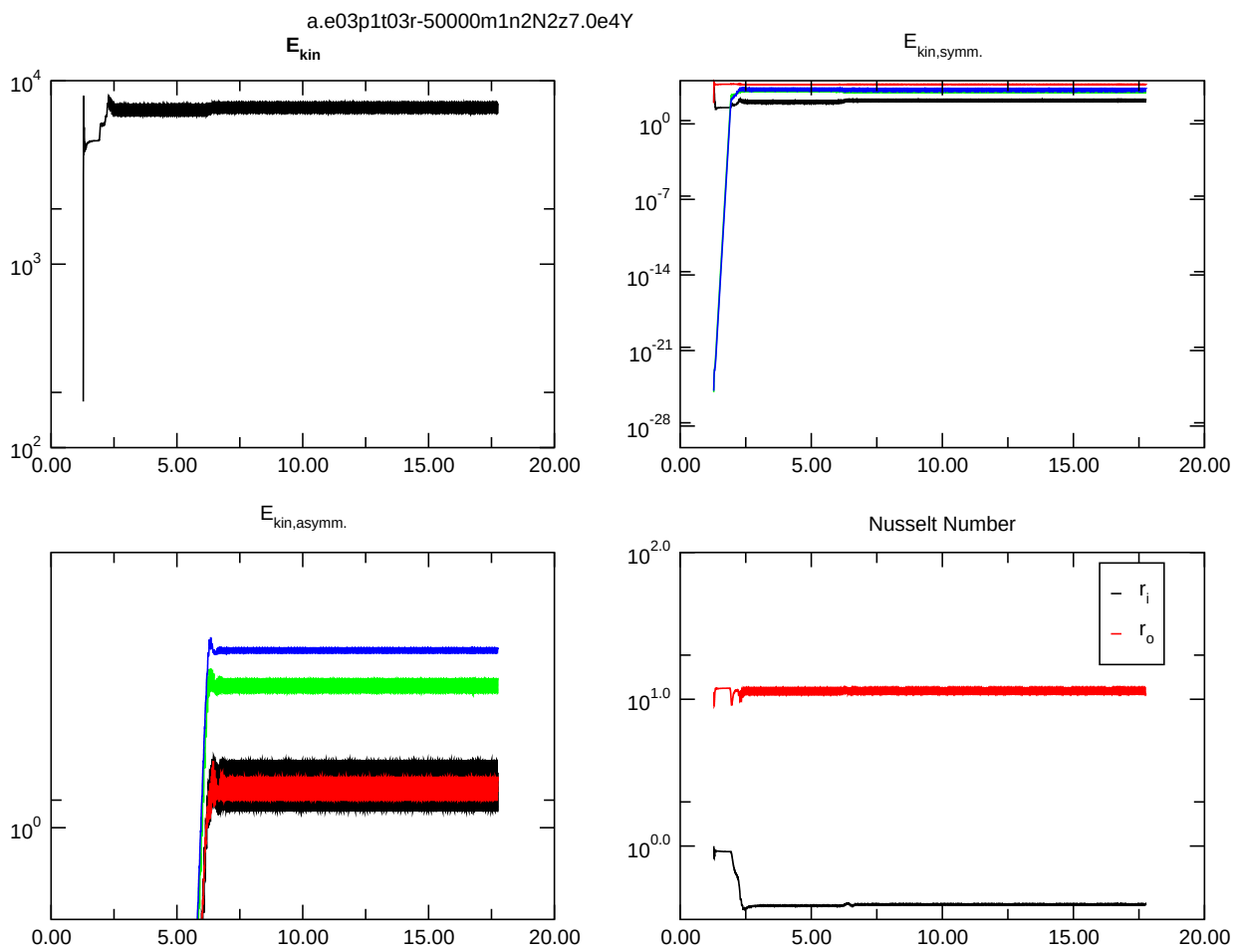
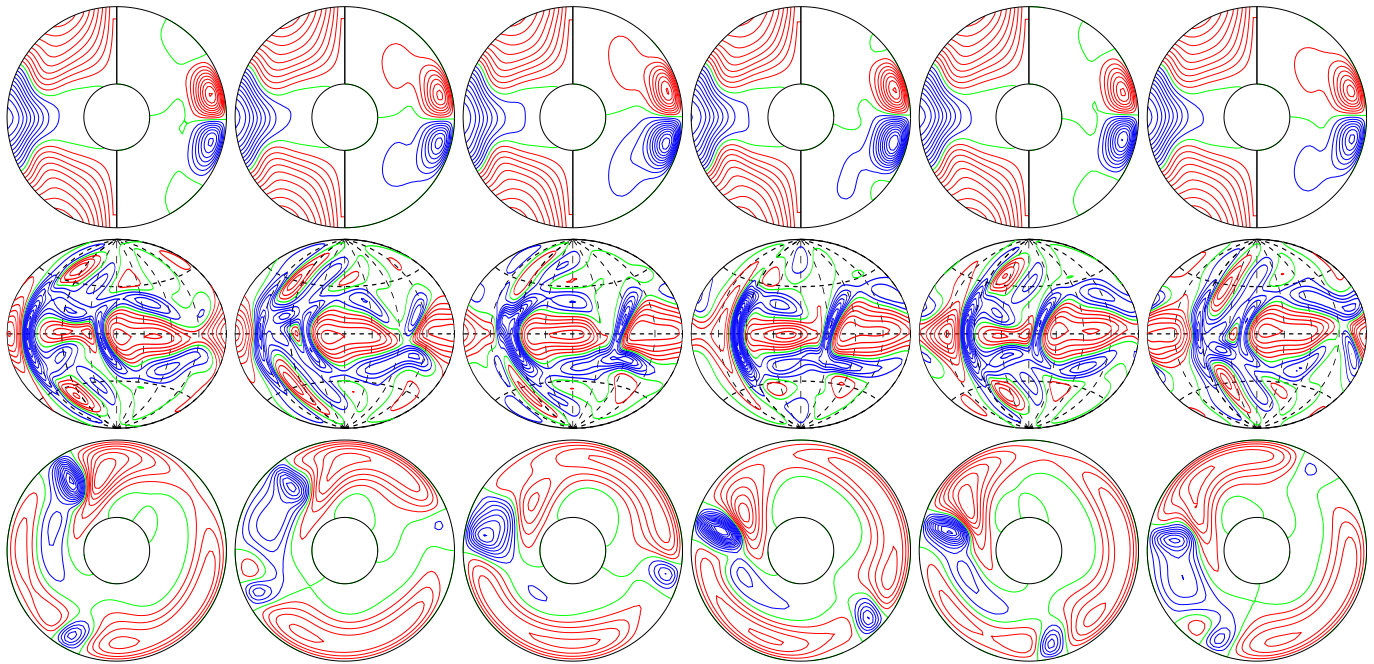
Nusselt Number



a.e03p1t03r-50000m1n2N2z7.0e4Y.30

times: 16.79697 16.81005 16.82313 16.83621 16.84929 16.86237

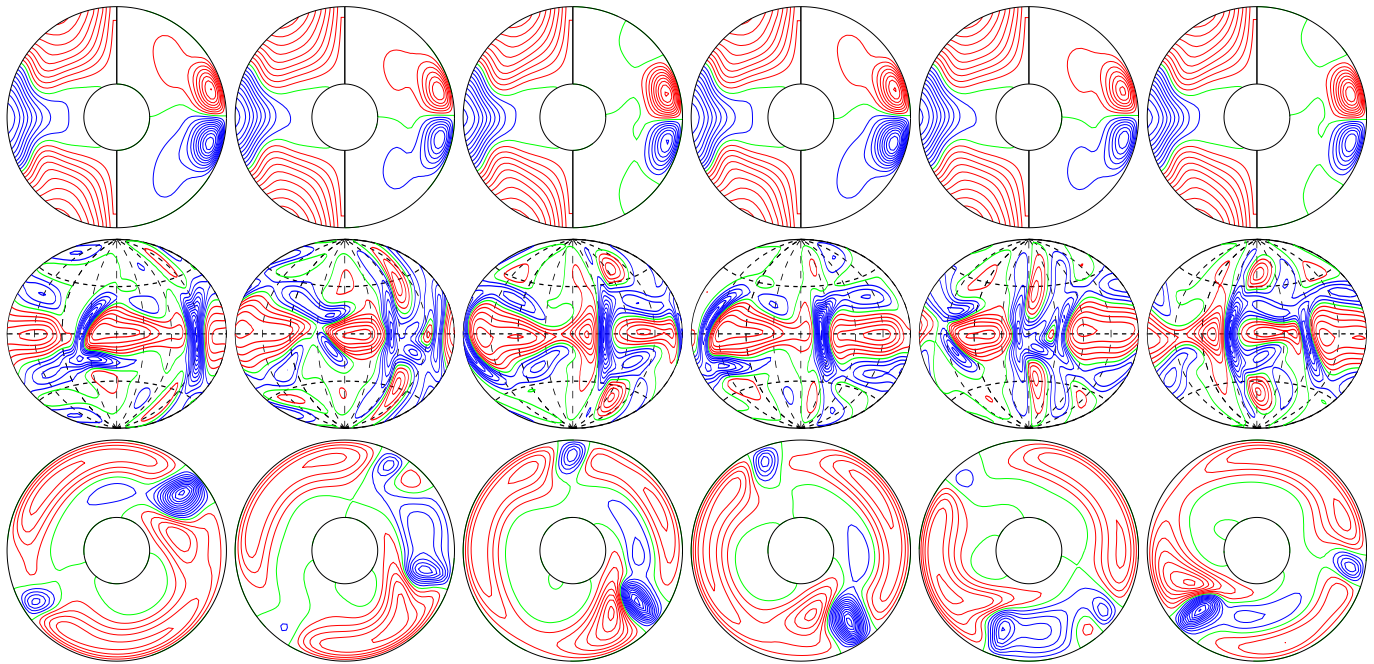
April 15, 2016



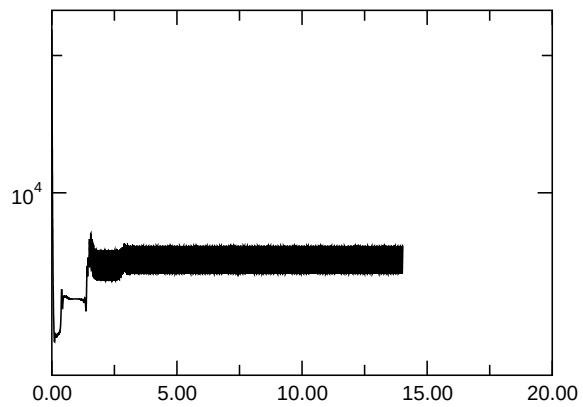
a.e03p1t03r-50000m1n2N2z7.0e4Ya.11

times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

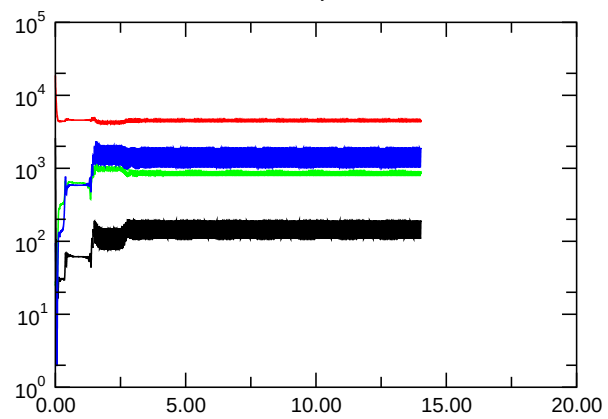
April 15, 2016



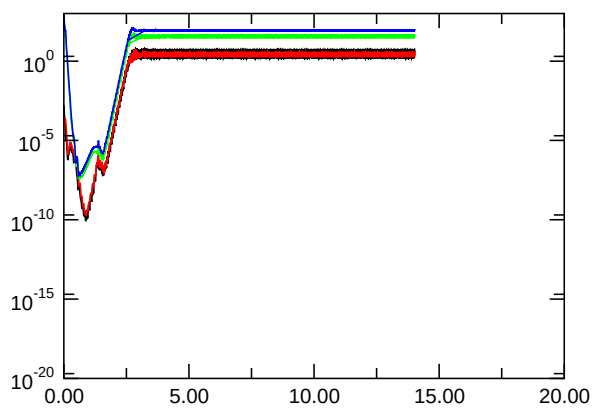
a.e03p1t03r-50000m1n2N2z7.0e4Ya
 E_{kin}



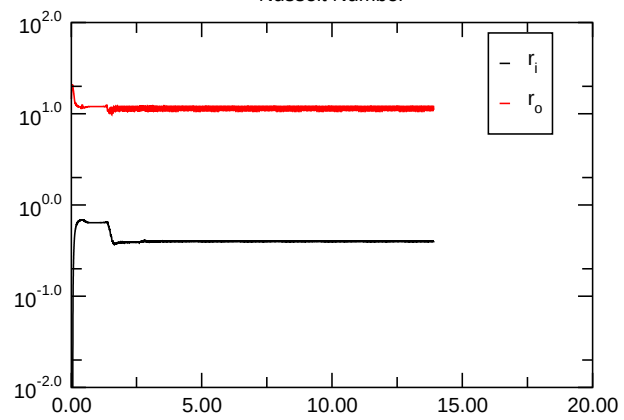
$E_{\text{kin,symm.}}$



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



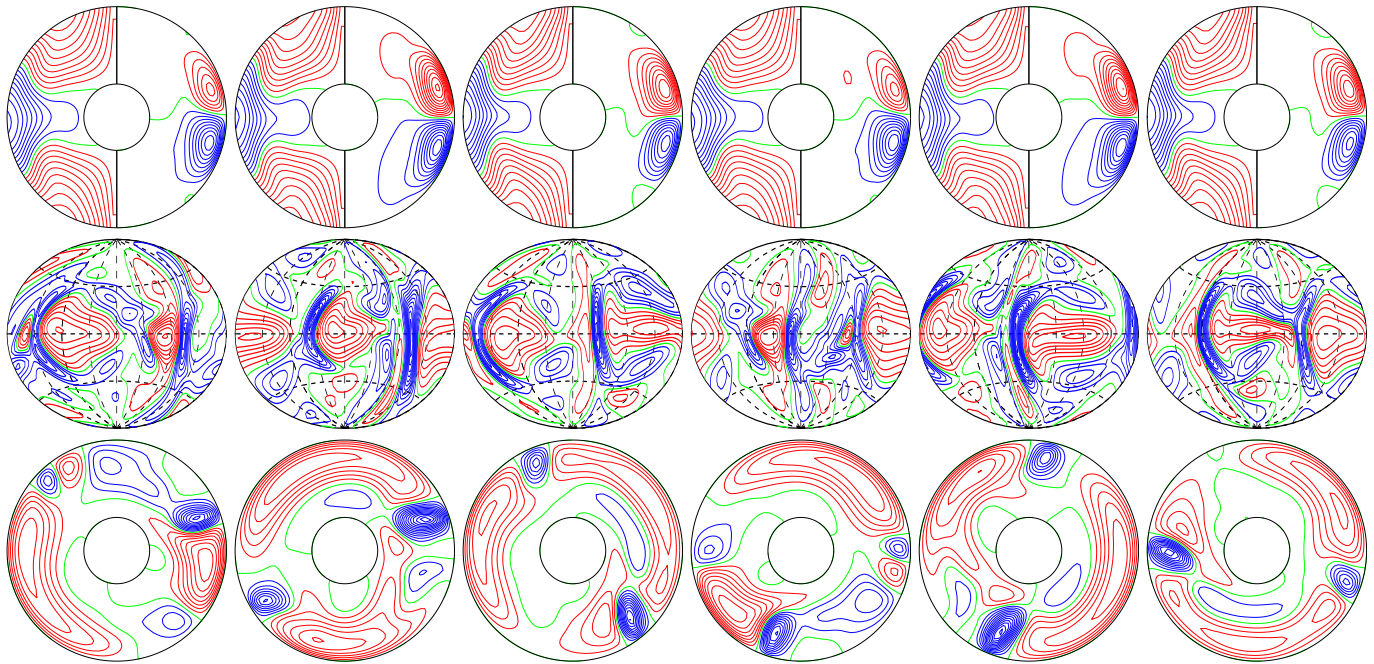
Nusselt Number



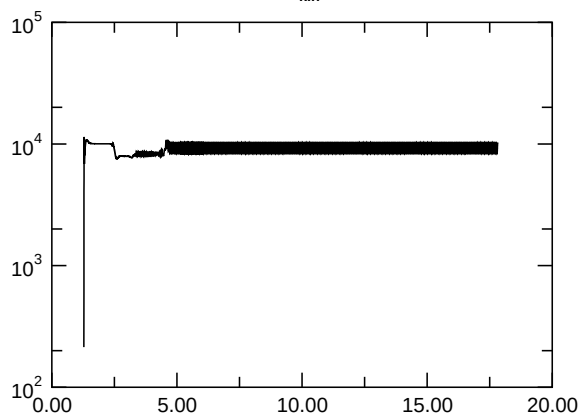
a.e03p1t03r-50000m1n2N2z8.0e4Y.13

times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

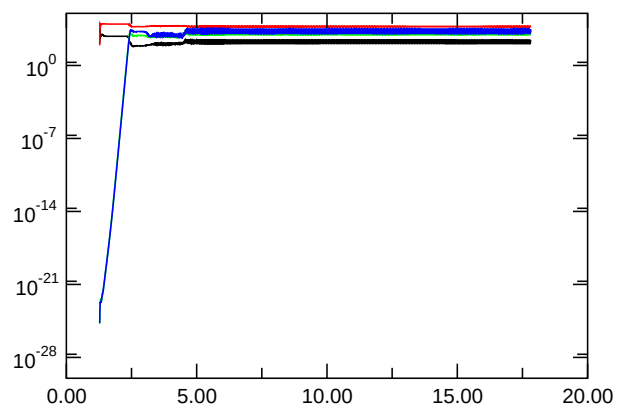
April 15, 2016



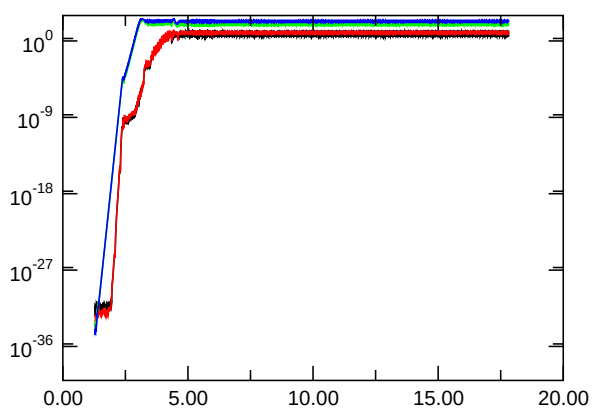
a.e03p1t03r-50000m1n2N2z8.0e4Y
 E_{kin}



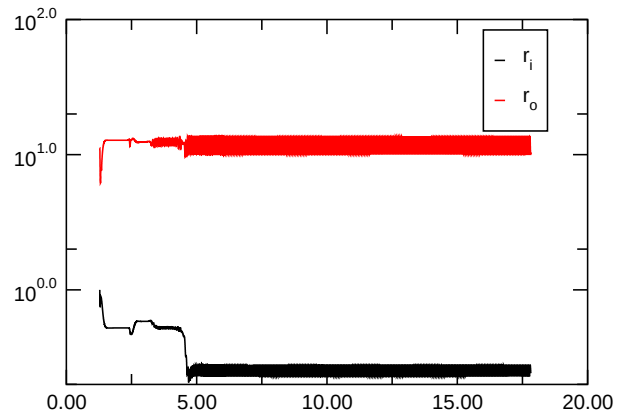
$E_{\text{kin, symm.}}$



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



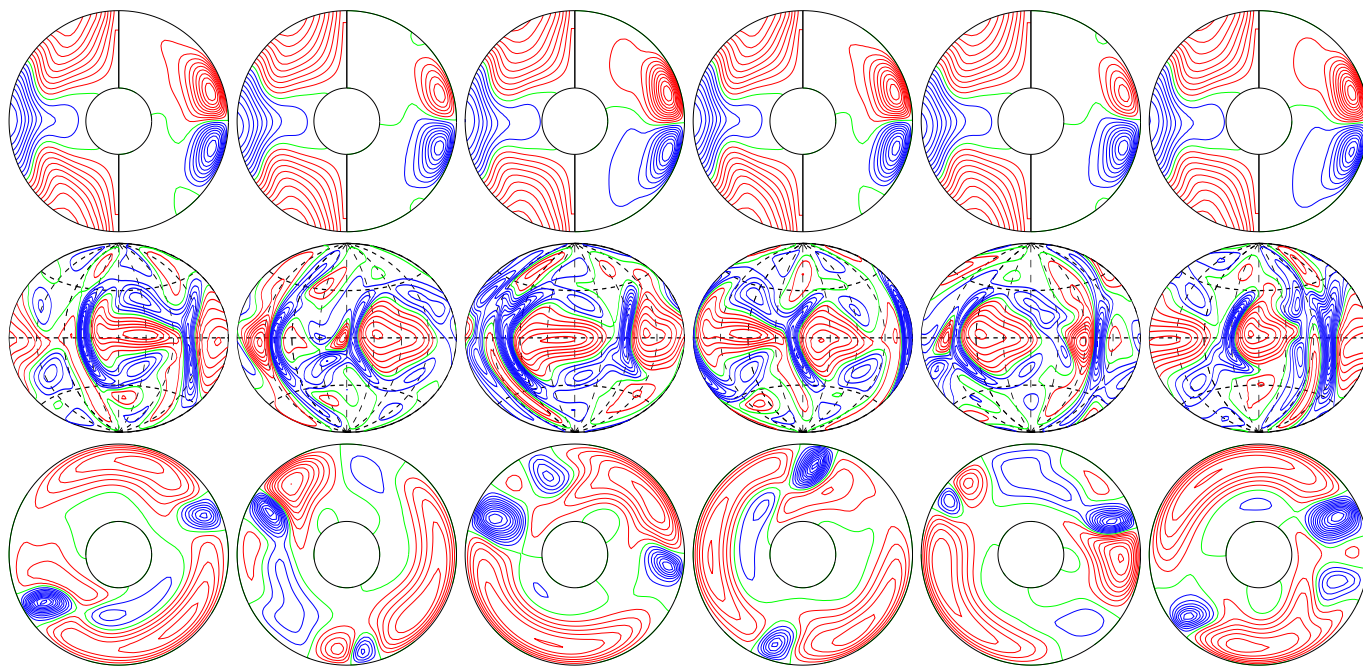
Nusselt Number



a.e03p1t03r-50000m1n2N2z8.0e4Ya.13

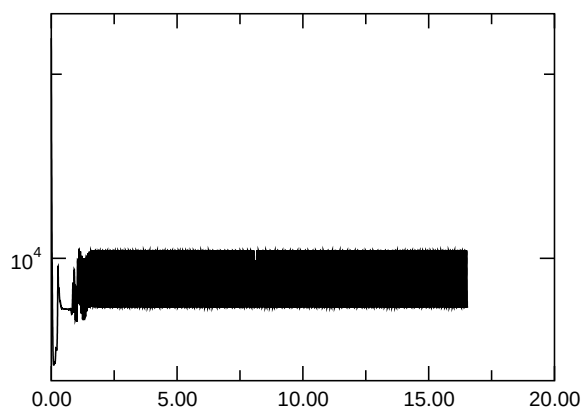
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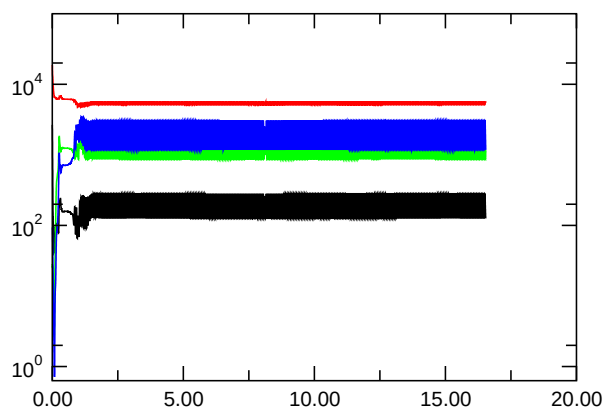


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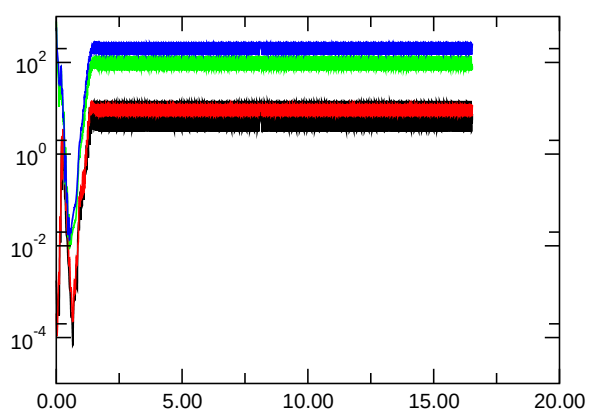
E_{kin}



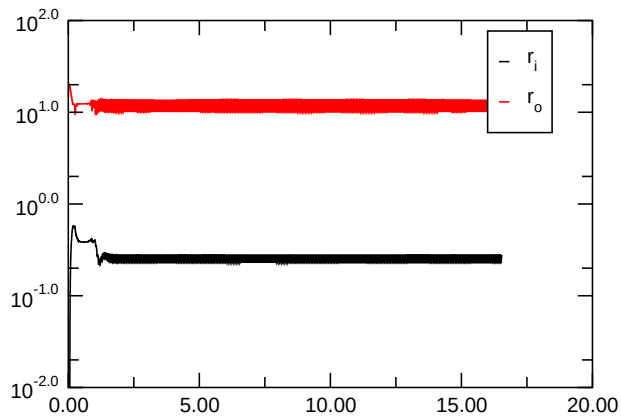
$E_{\text{kin,symm.}}$

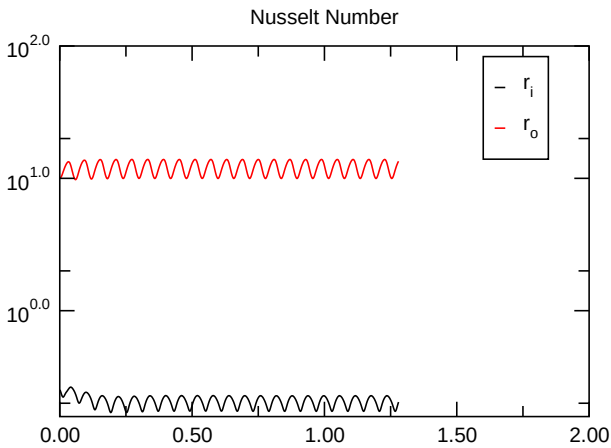
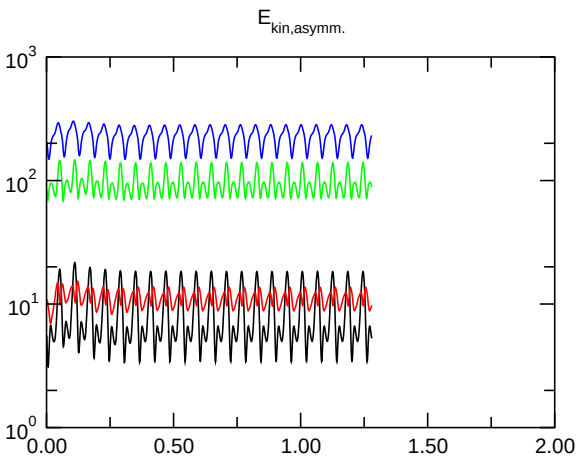
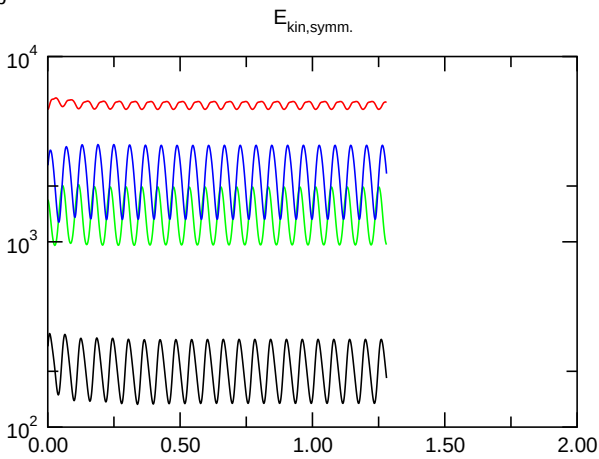
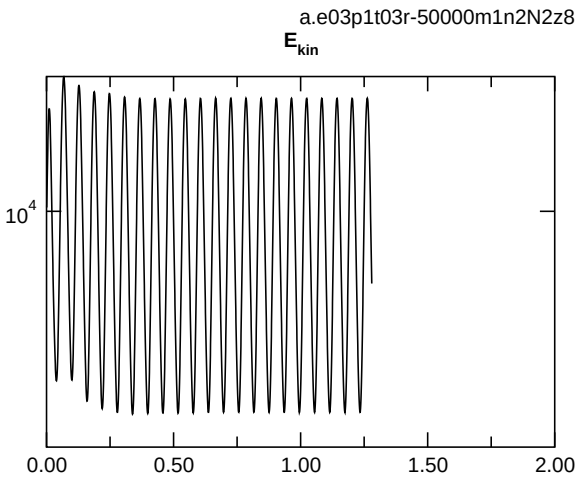
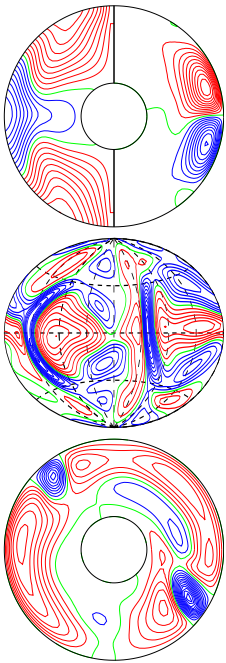


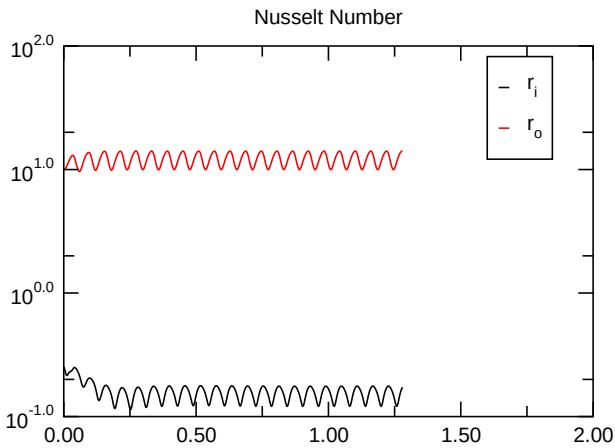
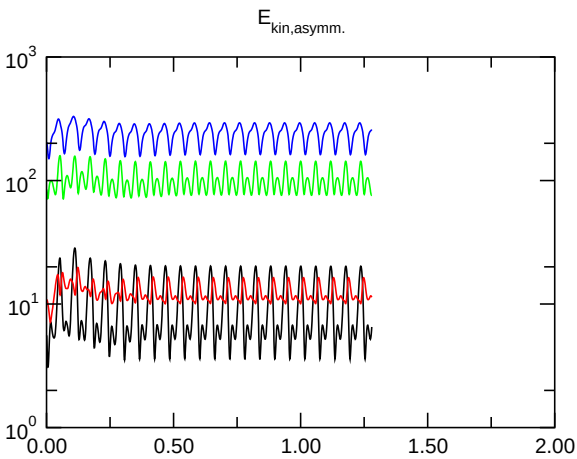
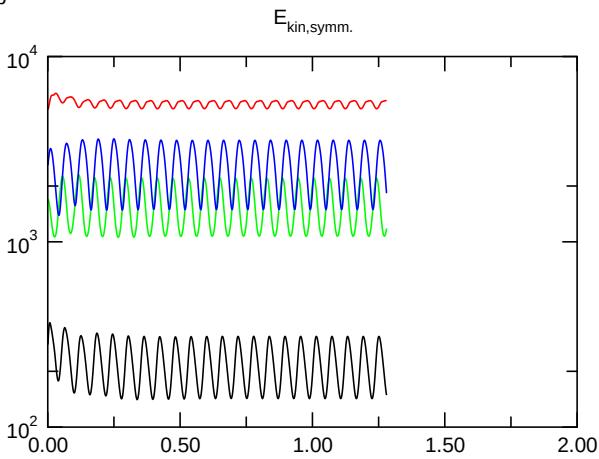
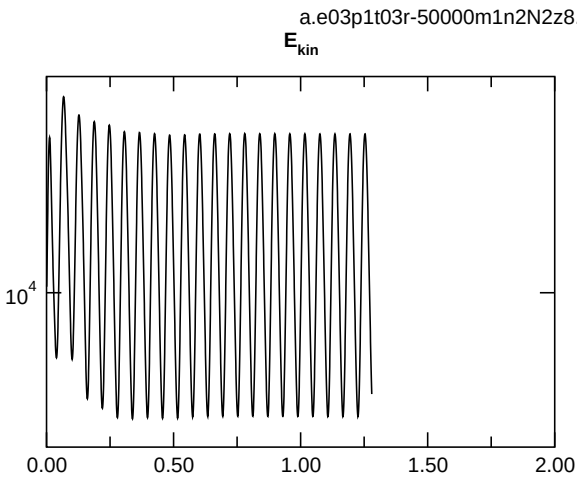
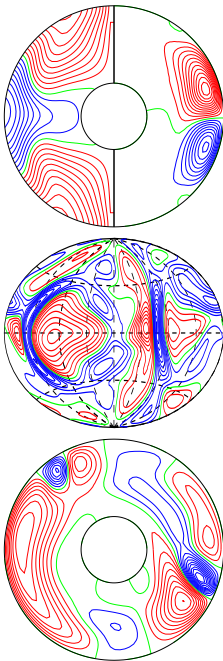
$E_{\text{kin,asymm.}}$

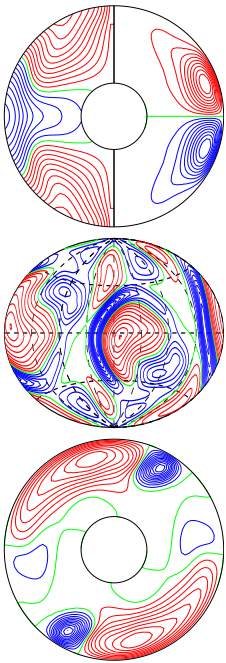


Nusselt Number

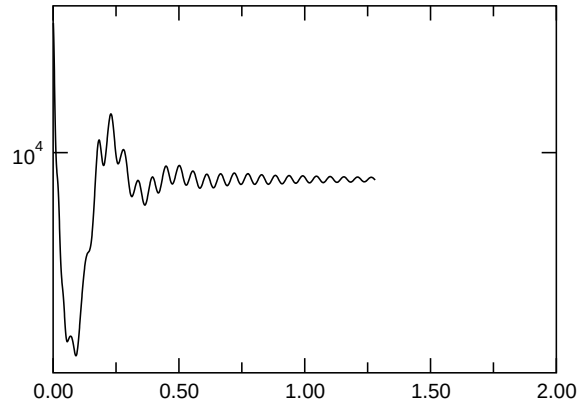




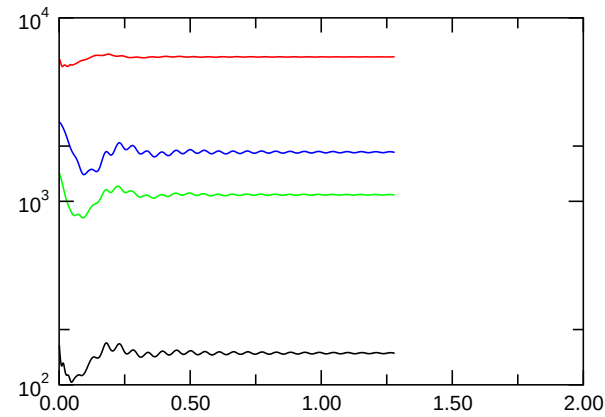




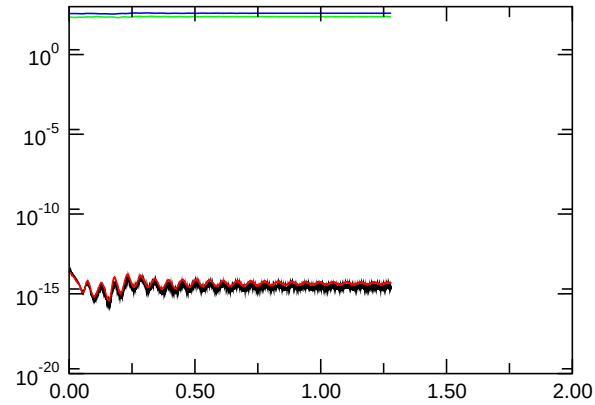
a.e03p1t03r-50000m1n2N2z8.6e4Ya
 E_{kin}



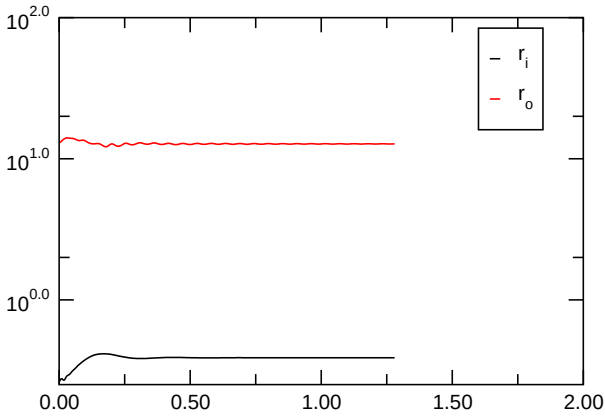
$E_{\text{kin,symm.}}$



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

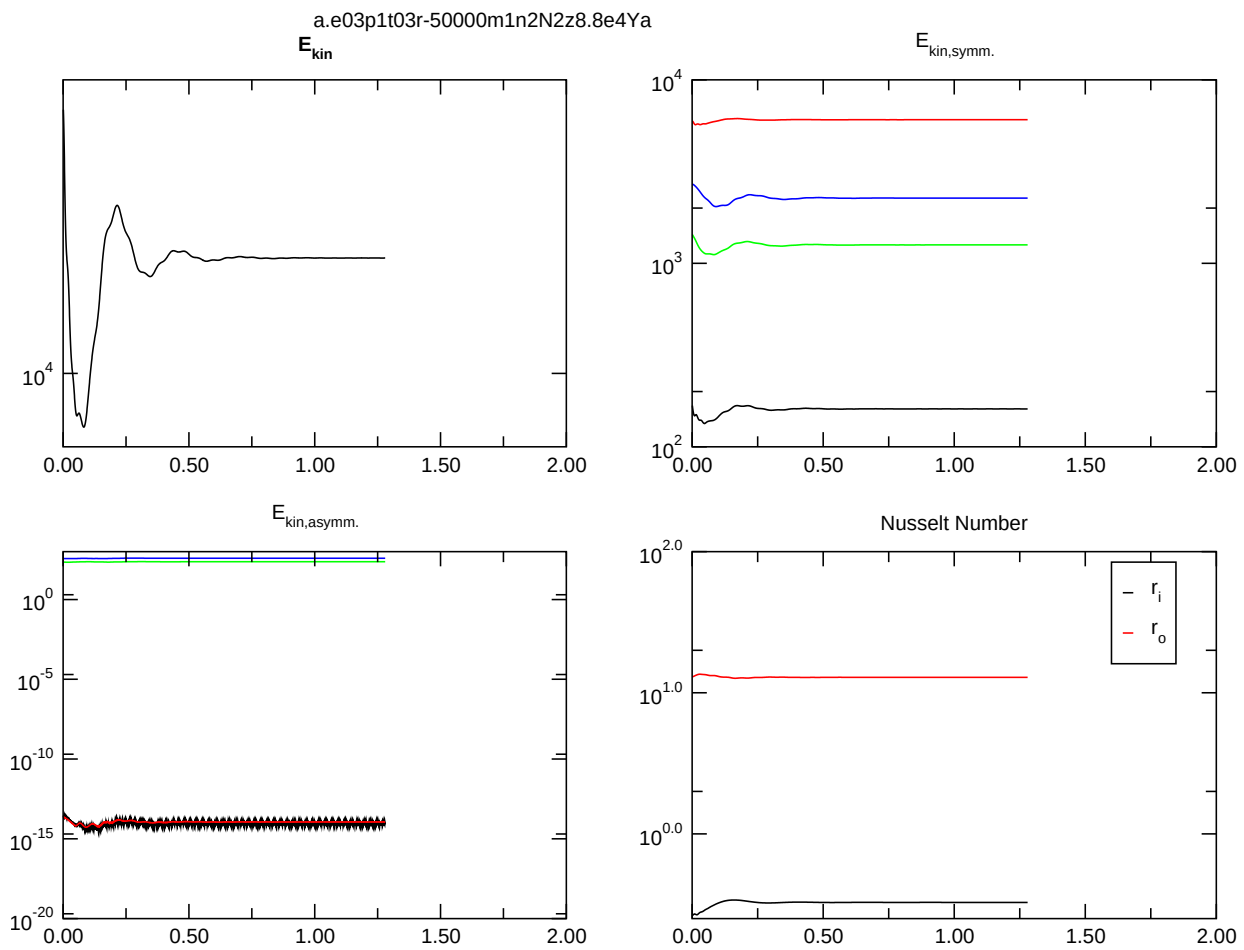
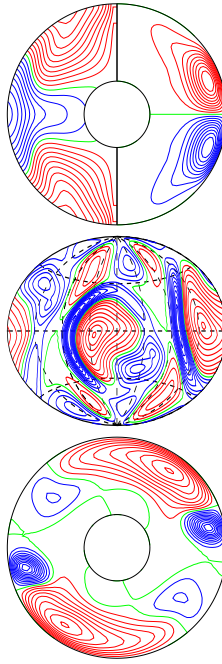


Nusselt Number



a.e03p1t03r-50000m1n2N2z8.8e4Ya.2
times: 1.280001

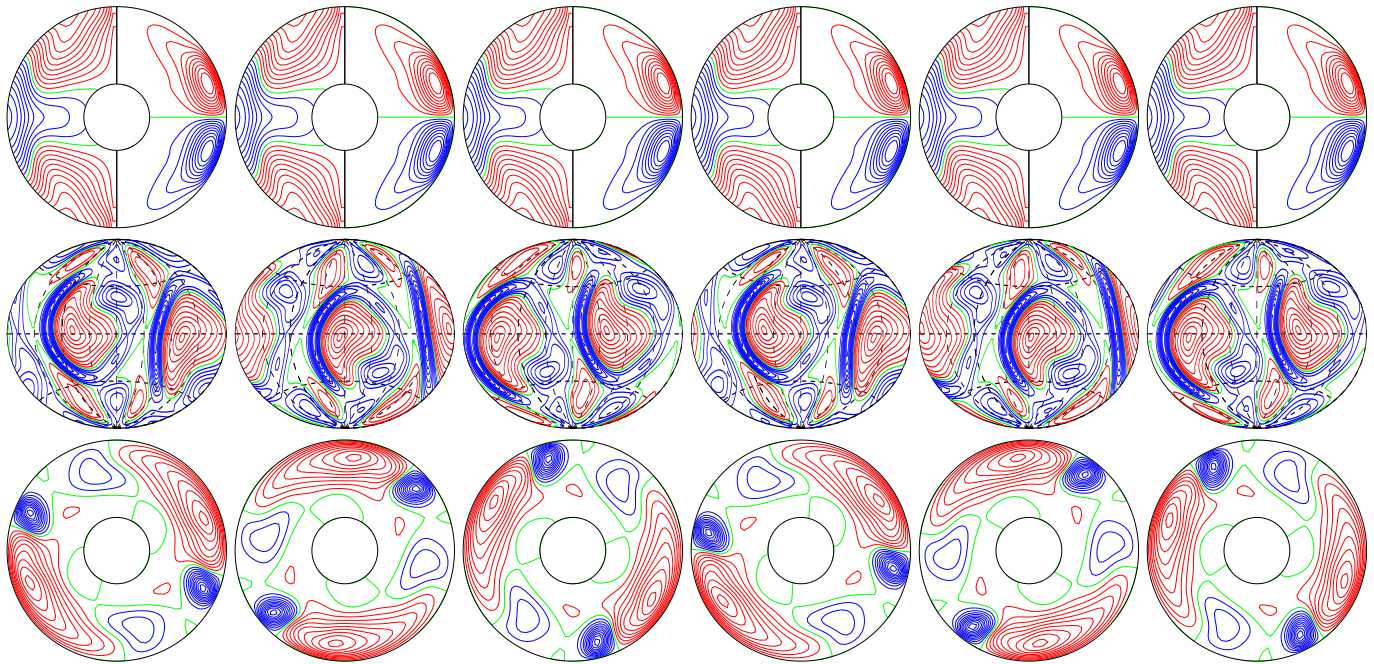
April 15, 2016



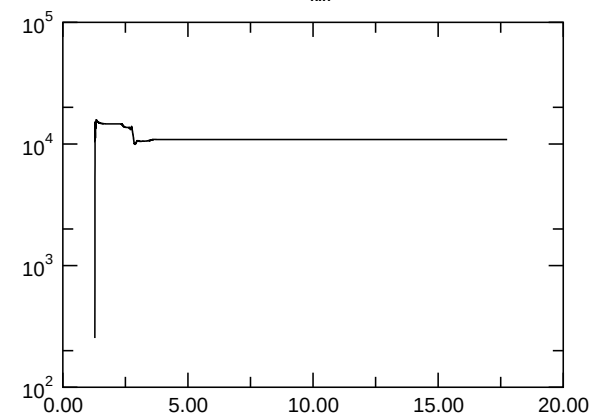
a.e03p1t03r-50000m1n2N2z9.0e4Y.13

times: 10.24001 11.52001 12.80001 14.08001 15.36001 16.64001

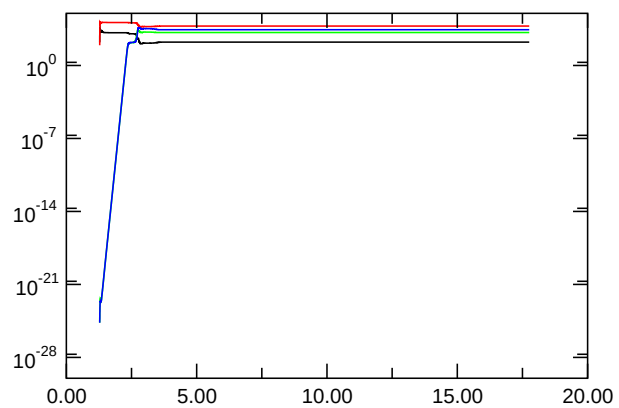
April 15, 2016



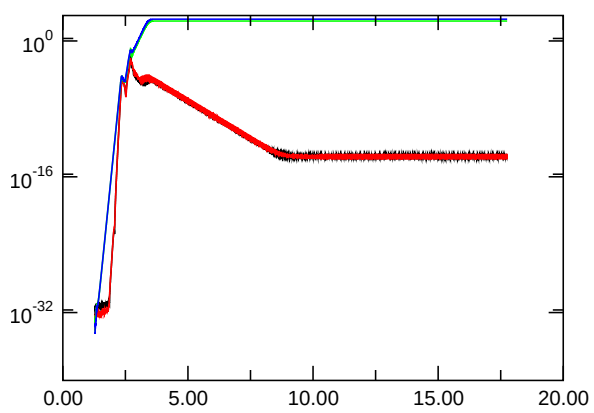
a.e03p1t03r-50000m1n2N2z9.0e4Y
 E_{kin}



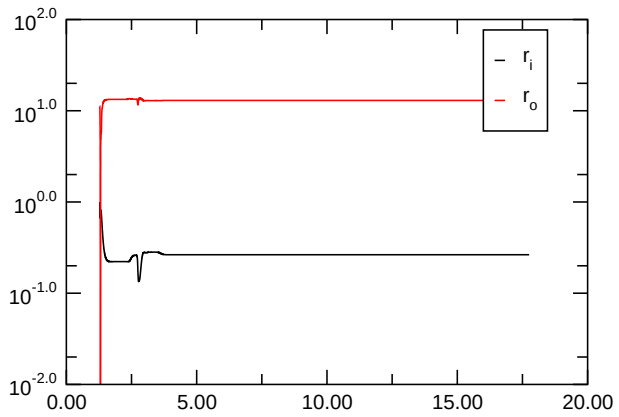
$E_{\text{kin,symm.}}$



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

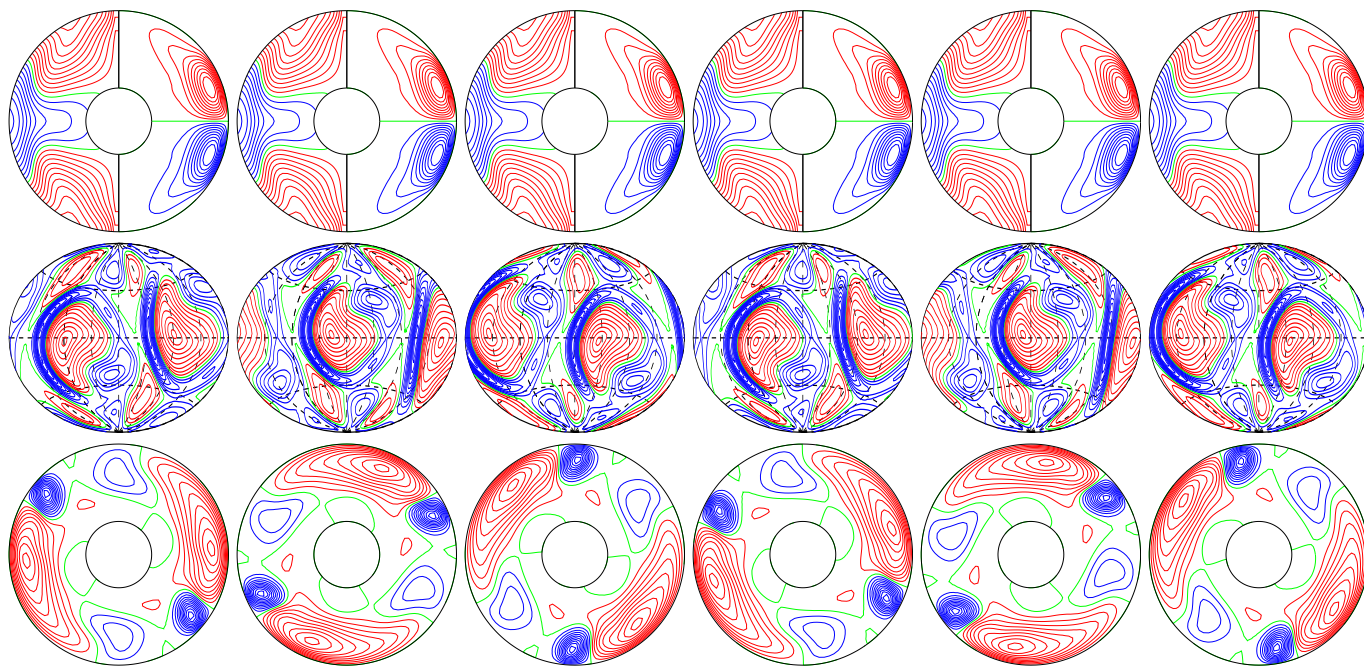


Nusselt Number

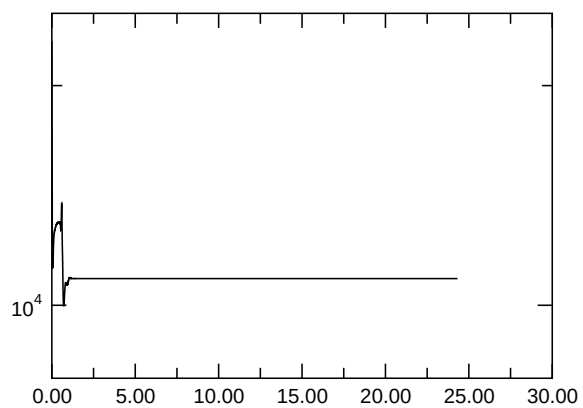


a.e03p1t03r-50000m1n2N2z9.0e4Ya.20
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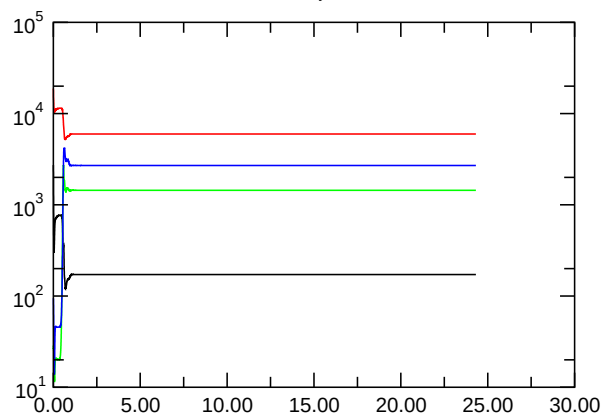
April 15, 2016



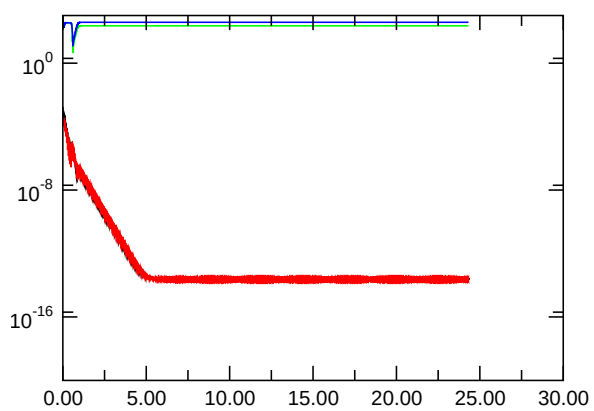
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 E_{kin}



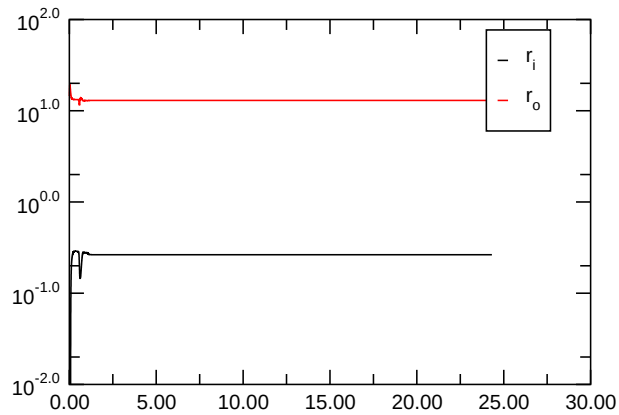
$E_{kin,symm.}$



$E_{kin,asymm.}$

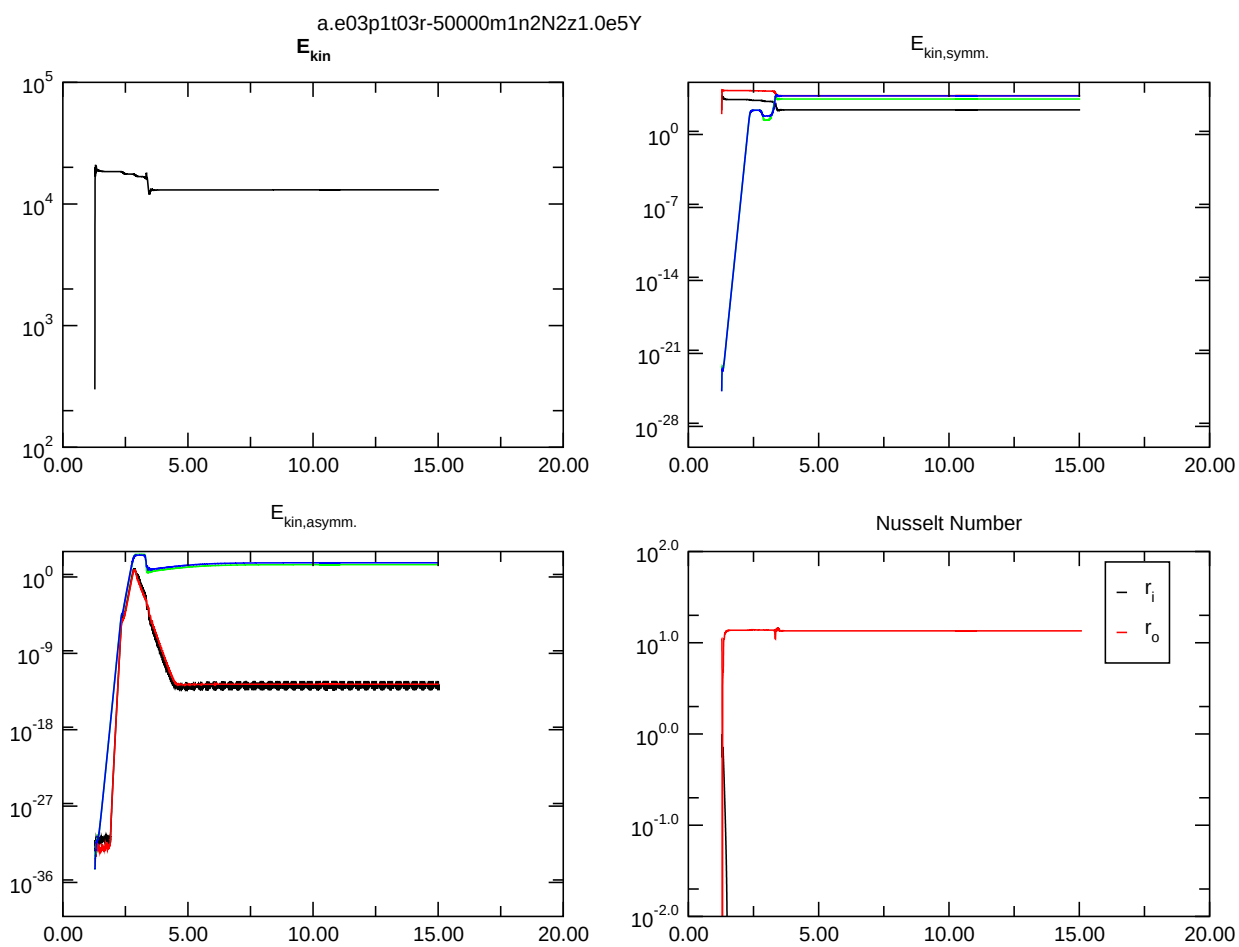
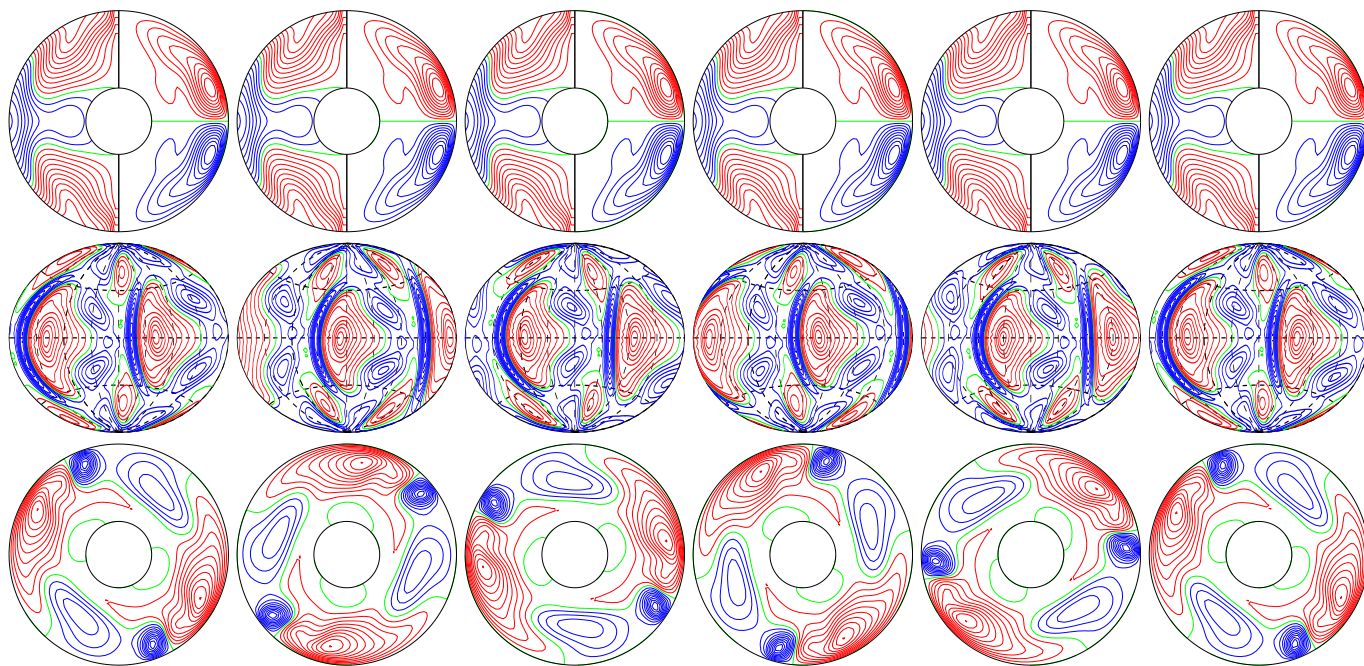


Nusselt Number



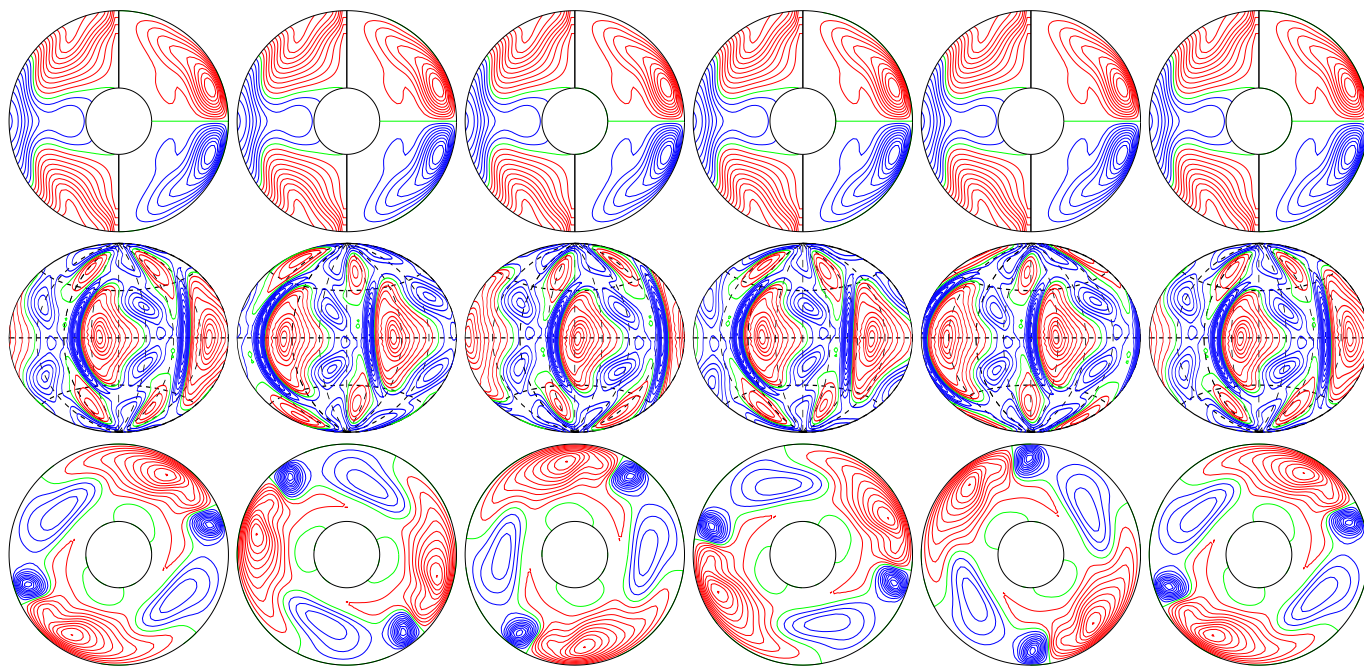
a.e03p1t03r-50000m1n2N2z1.0e5Y.11
times: 7.680006 8.960007 10.24001 11.52001 12.80001 14.08001

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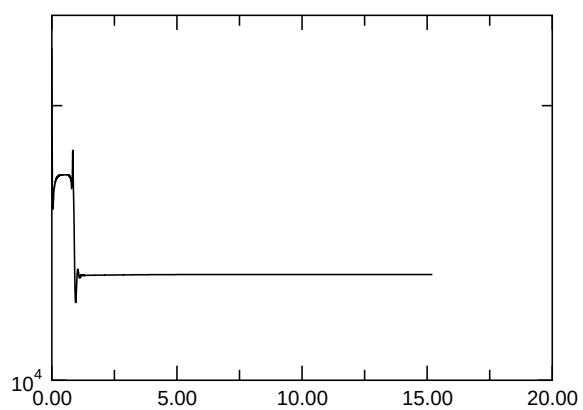


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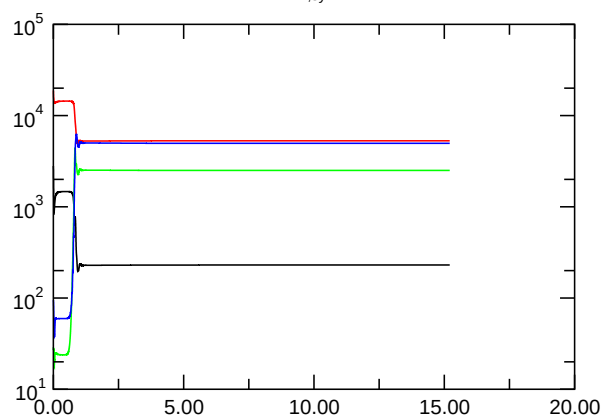
April 15, 2016



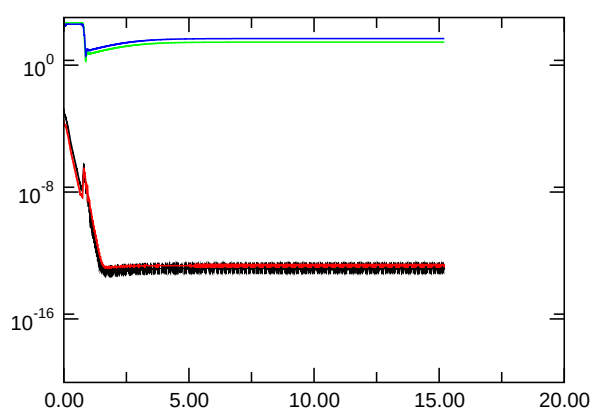
a.e03p1t03r-50000m1n2N2z1.0e5Ya
 E_{kin}



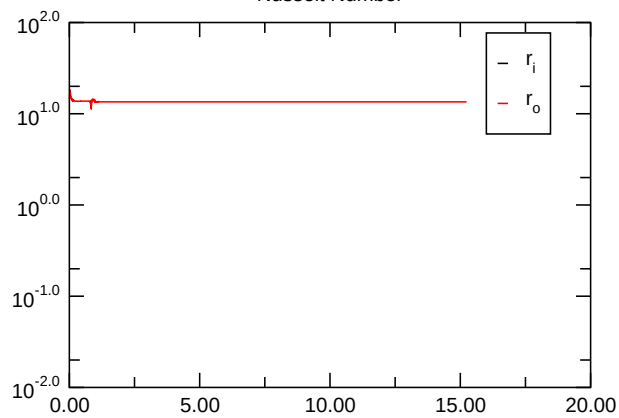
$E_{\text{kin,symm.}}$



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

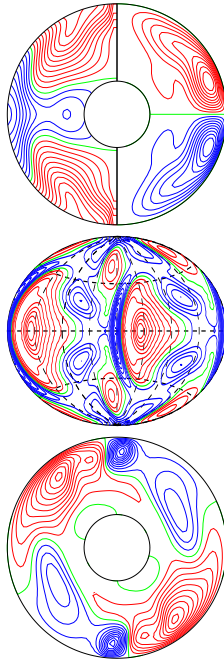


Nusselt Number

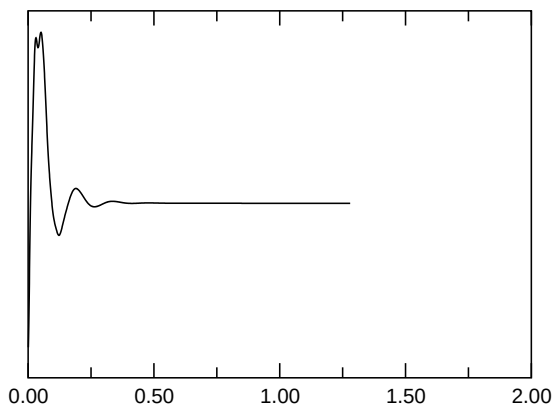


a.e03p1t03r-50000m1n2N2z1.05e5Yb.2
times: 1.280001

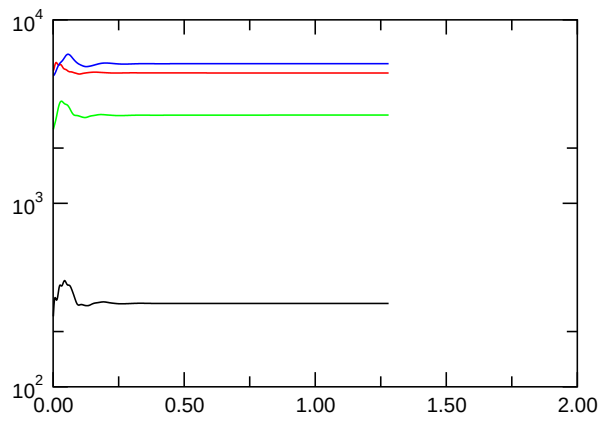
April 15, 2016



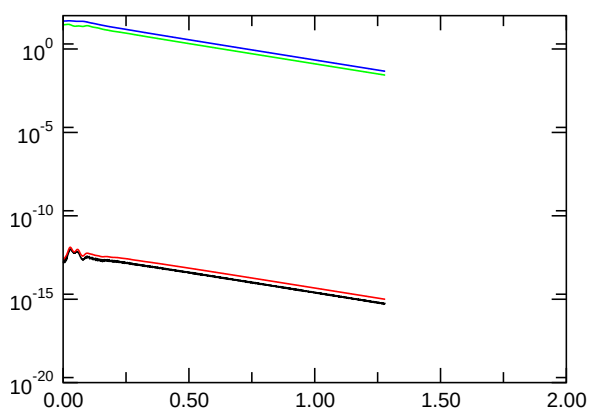
a.e03p1t03r-50000m1n2N2z1.05e5Yb
 E_{kin}



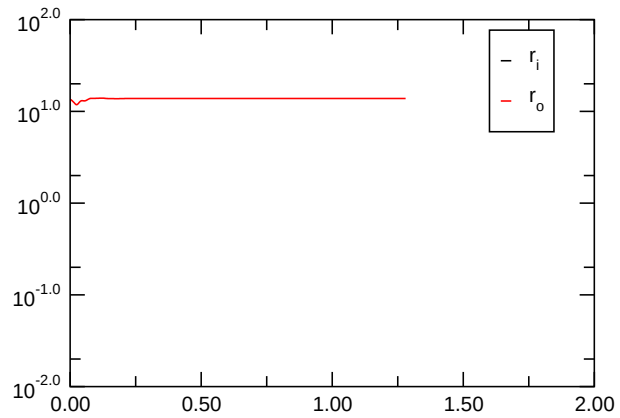
$E_{\text{kin,symm.}}$



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

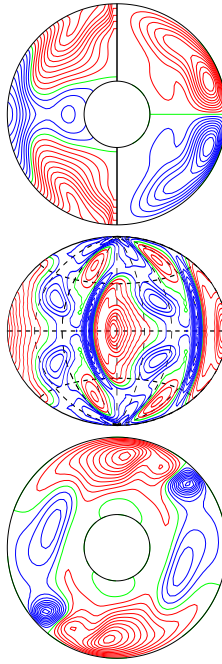


Nusselt Number

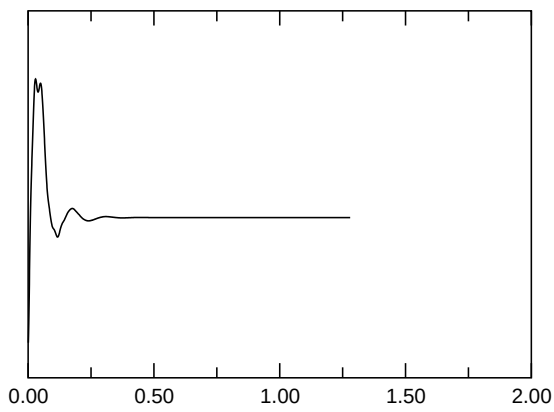


a.e03p1t03r-50000m1n2N2z1.1e5Yb.2
times: 1.280001

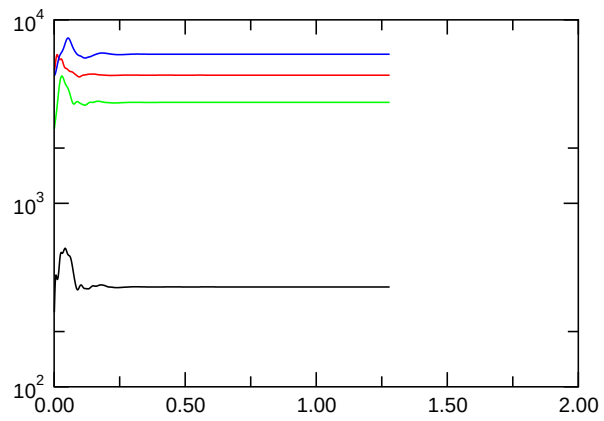
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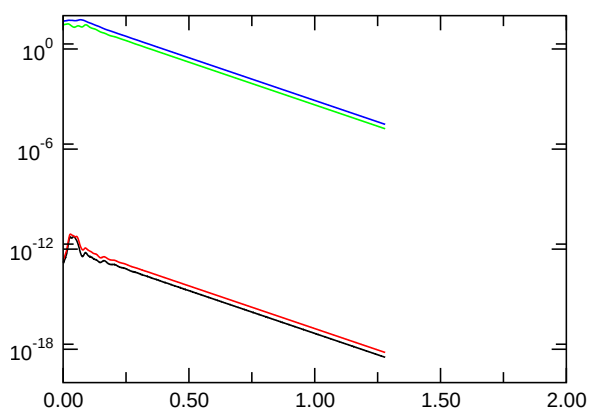
a.e03p1t03r-50000m1n2N2z1.1e5Yb
 E_{kin}



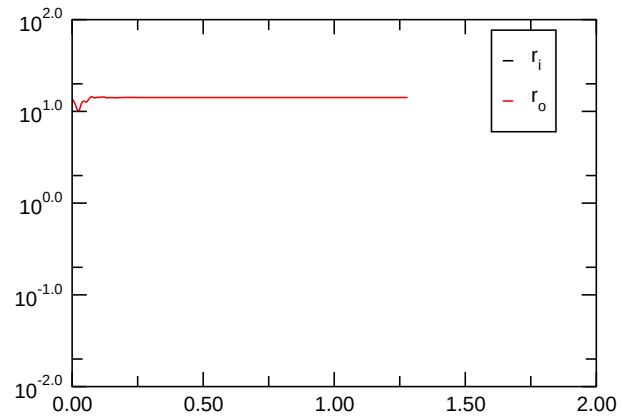
$E_{\text{kin,symm.}}$



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

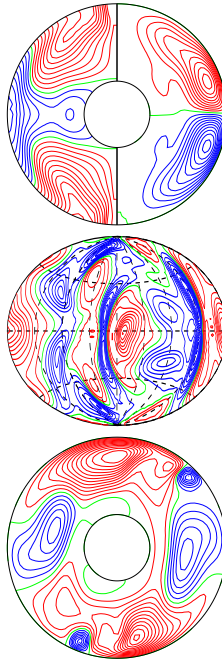


Nusselt Number

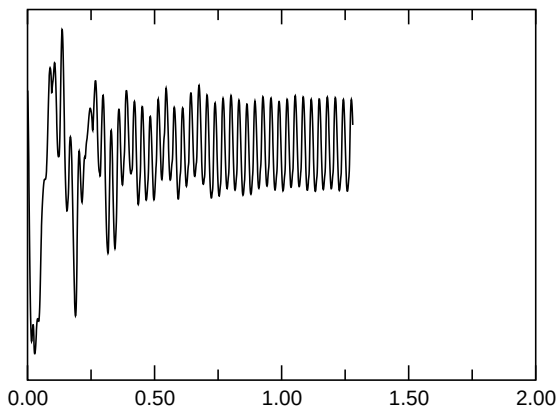


a.e03p1t03r-50000m1n2N2z1.15e5Ya.2
times: 1.280001

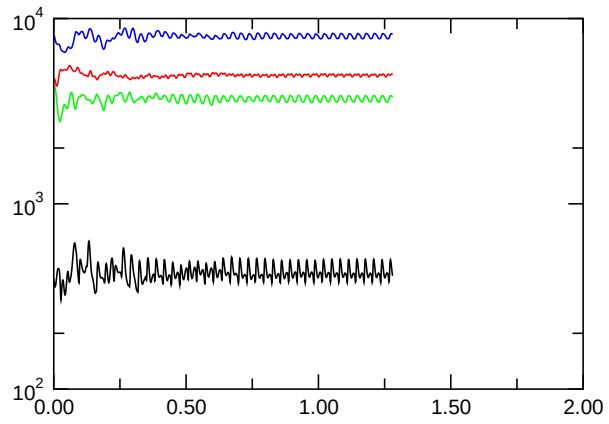
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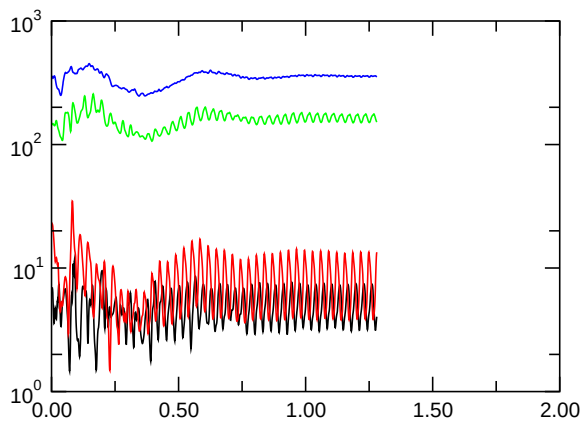
a.e03p1t03r-50000m1n2N2z1.15e5Ya
 E_{kin}



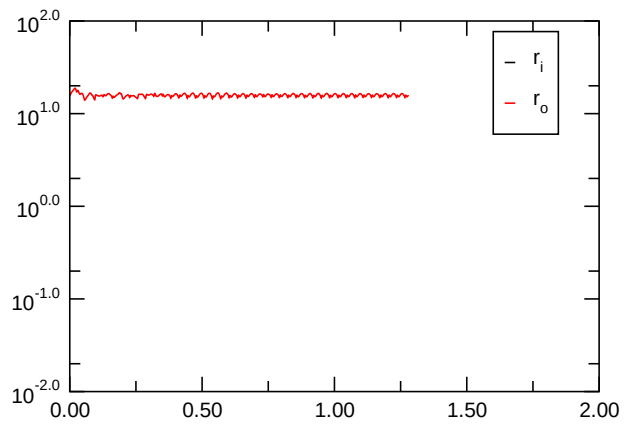
$E_{\text{kin,symm.}}$



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



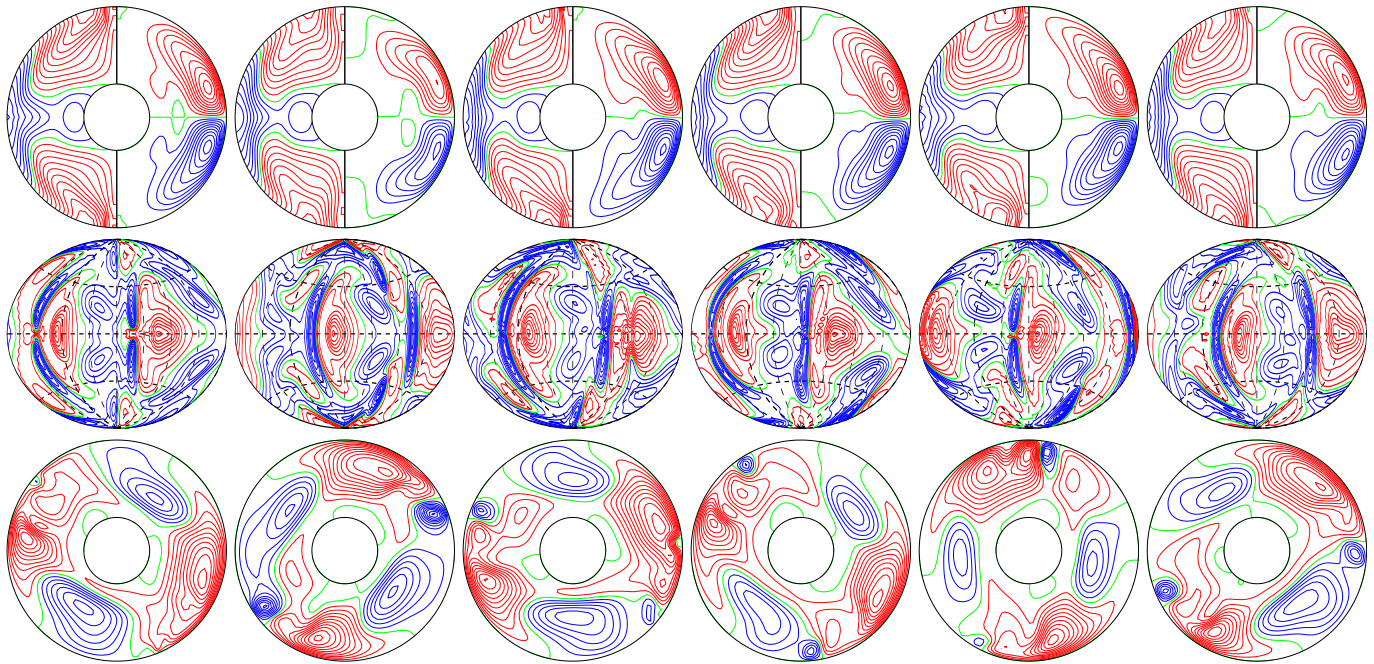
Nusselt Number



a.e03p1t03r-50000m1n2N2z1.2e5Y.12

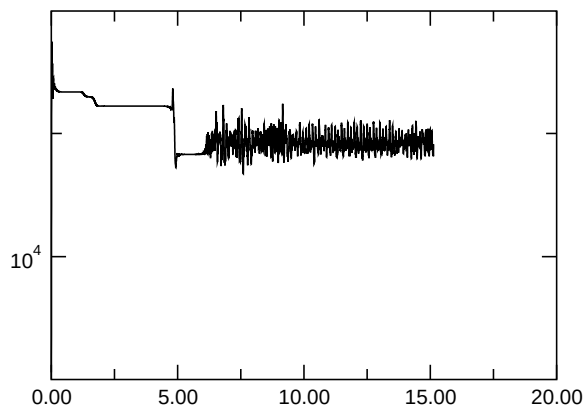
times: 7.680006 8.960007 10.24001 11.52001 12.80001 14.08001

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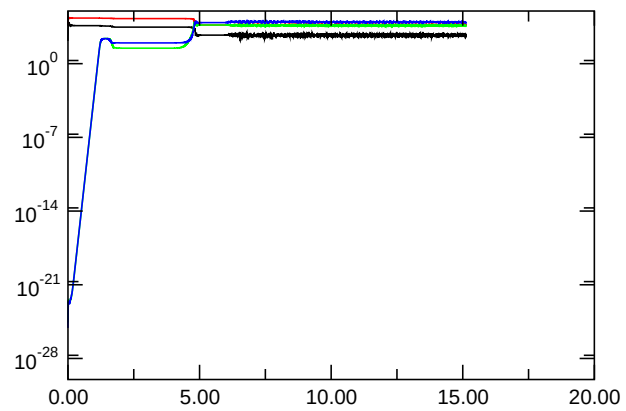


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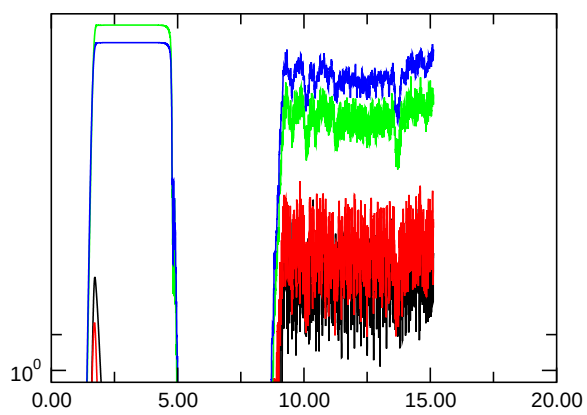
E_{kin}



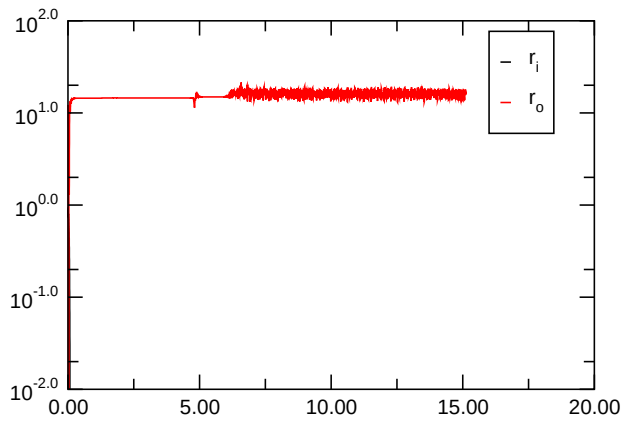
$E_{\text{kin,symm.}}$



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

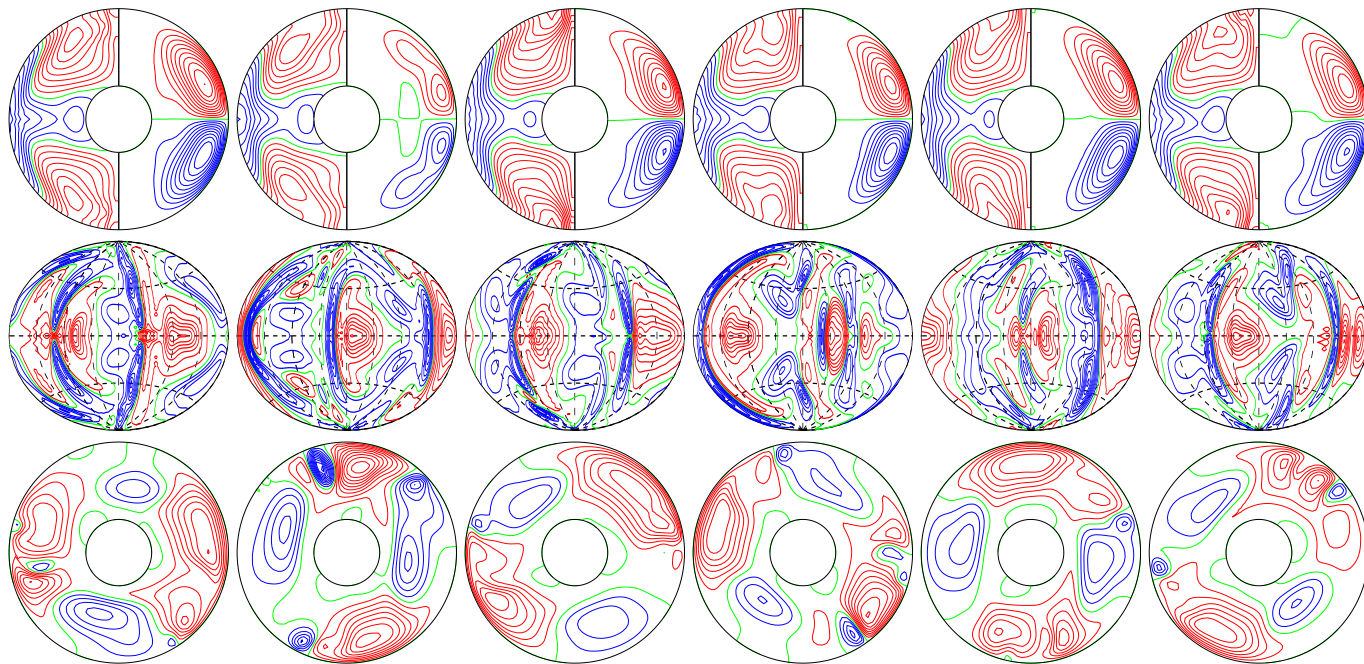


Nusselt Number

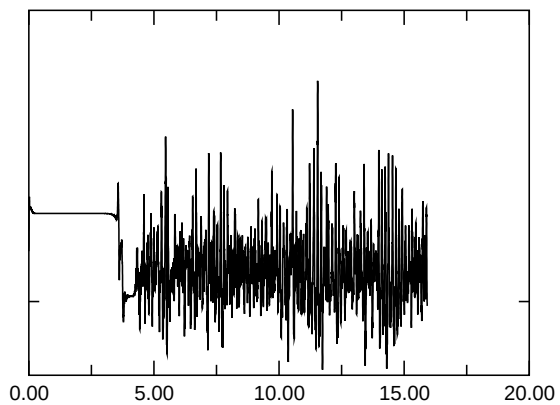


a.e03p1t03r-50000m1n2N2z1.3e5Y.19
times: 8.960007 10.24001 11.52001 12.80001 14.08001 15.36001

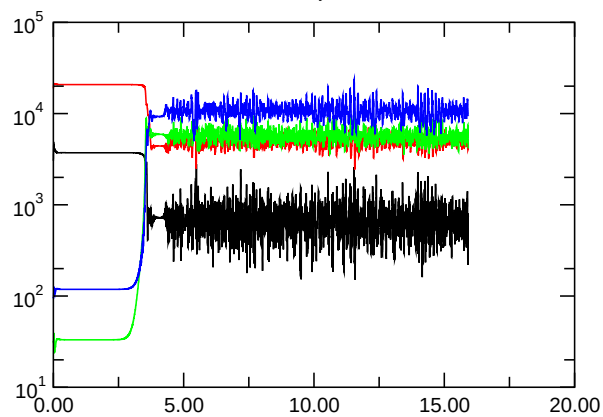
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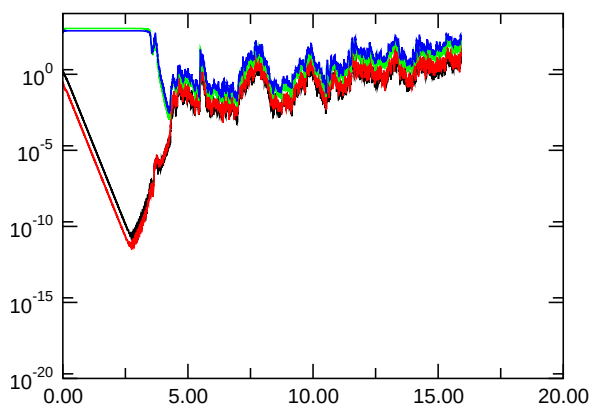
a.e03p1t03r-50000m1n2N2z1.3e5Y
 E_{kin}



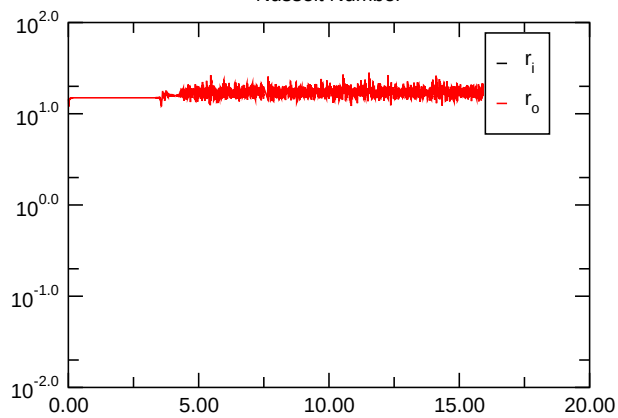
$E_{\text{kin,symm.}}$



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



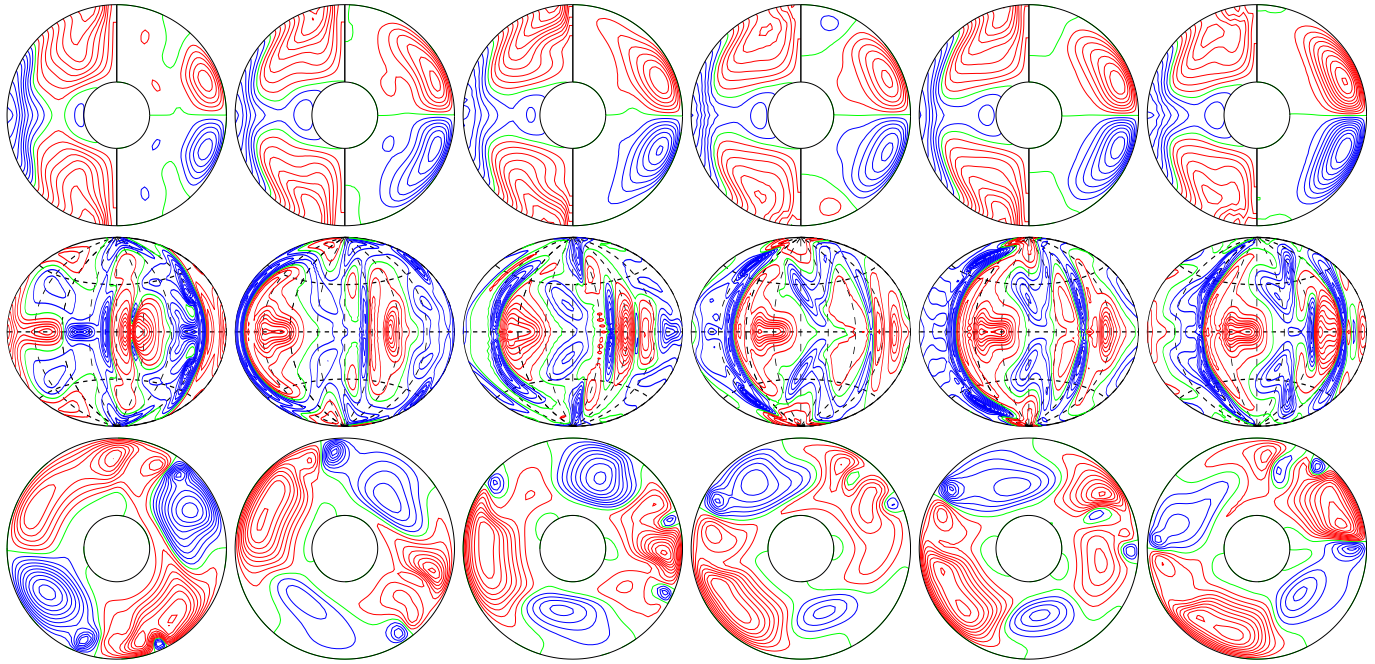
Nusselt Number



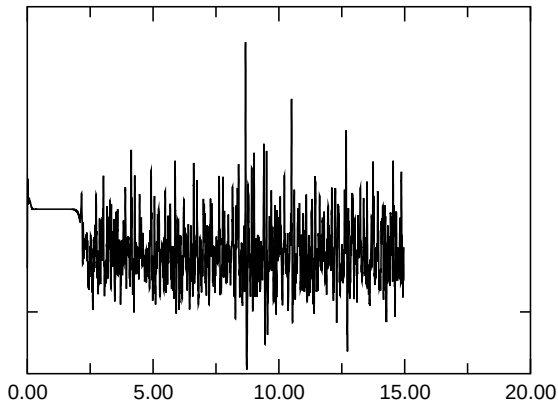
a.e03p1t03r-50000m1n2N2z1.4e5Y.14

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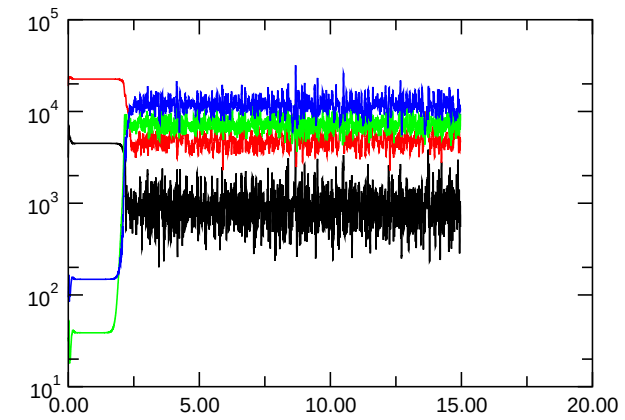
times: 8.320007 9.600008 10.88001 12.16001 13.44001 14.72001



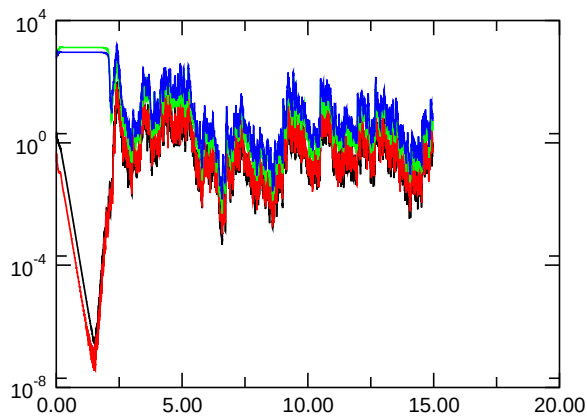
a.e03p1t03r-50000m1n2N2z1.4e5Y
 E_{kin}



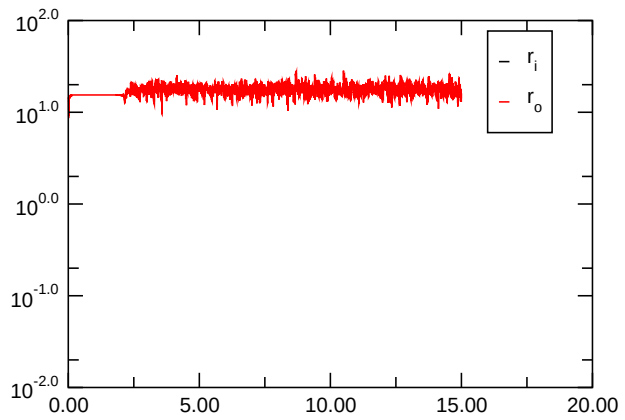
$E_{\text{kin,symm.}}$



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



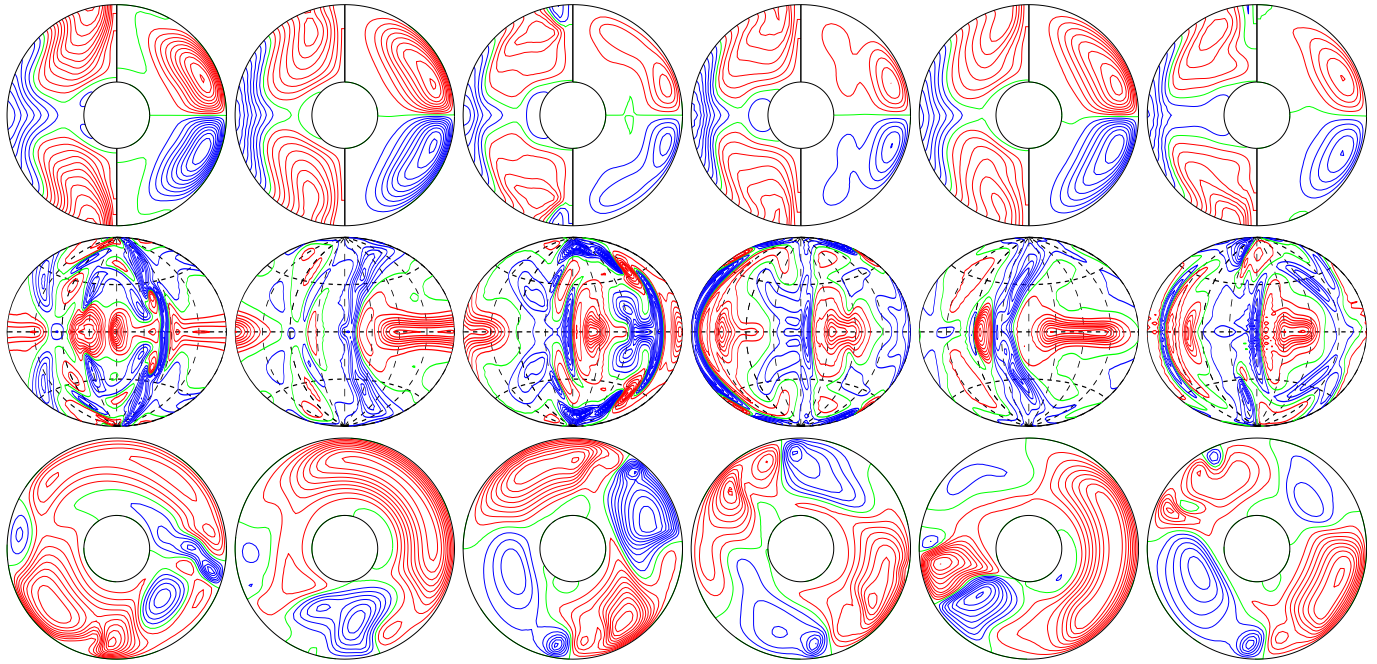
Nusselt Number



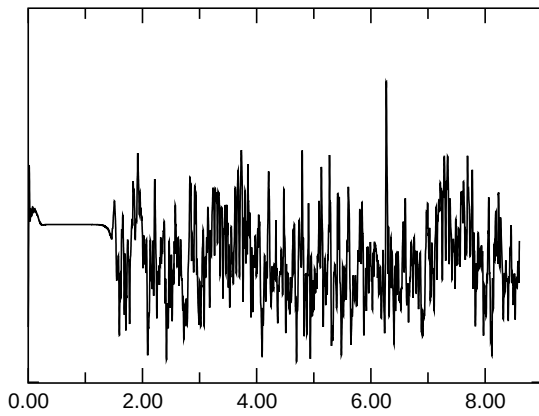
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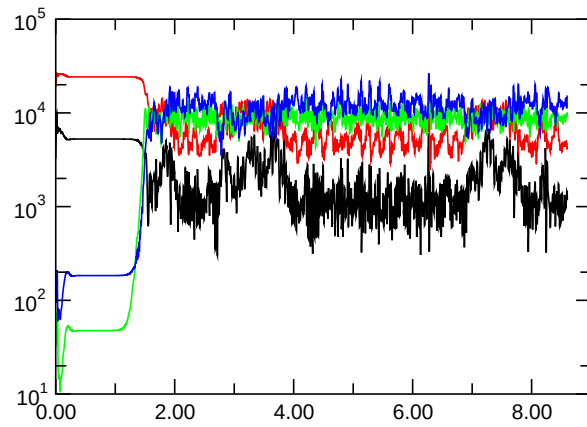
times: 1.920002 3.200003 4.480004 5.760005 7.040006 8.320007



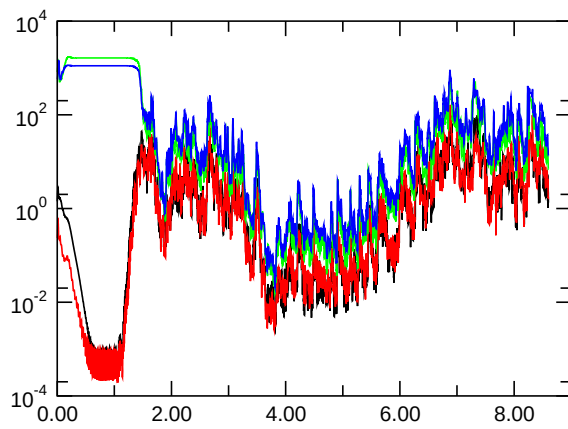
a.e03p1t03r-50000m1n2N2z1.5e5Y
 E_{kin}



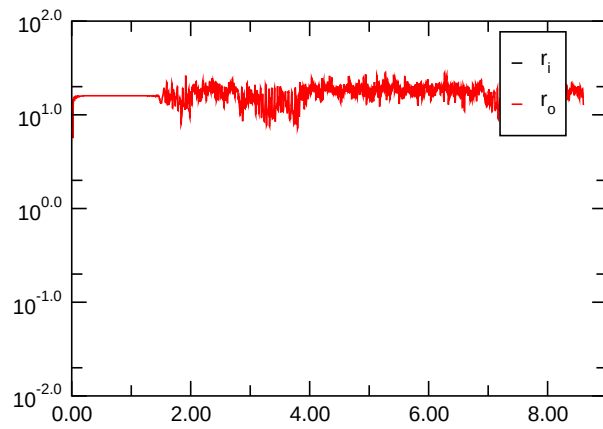
$E_{\text{kin, symm.}}$



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

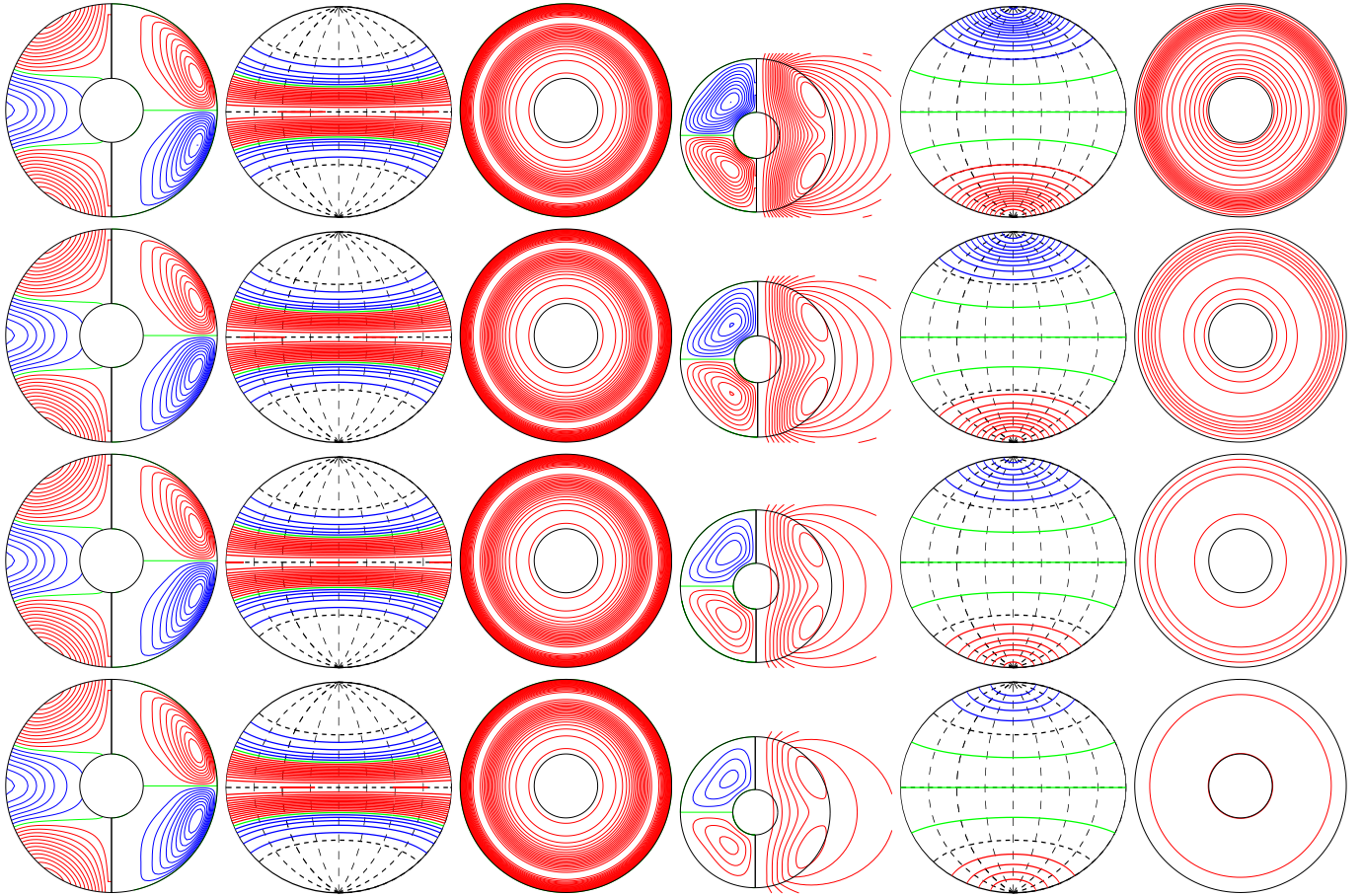


Nusselt Number



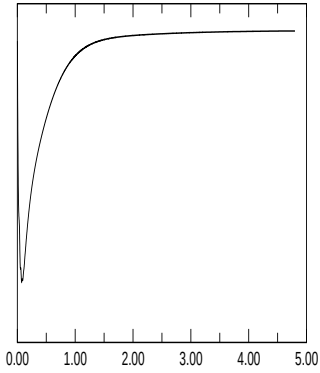
a.e03p1t03r-50000m1p10n2N2z4.6e4Ya.7
times: 2.400003 3.200004 4.000005 4.800006

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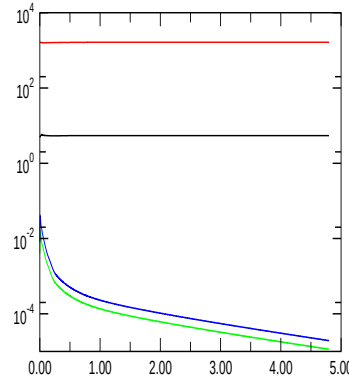


a.e03p1t03r-50000m1p10n2N2z4.6e4Ya

E_{kin}

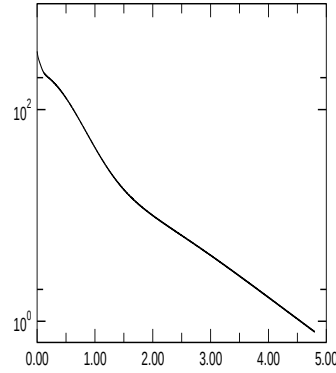


$E_{kin,symm.}$

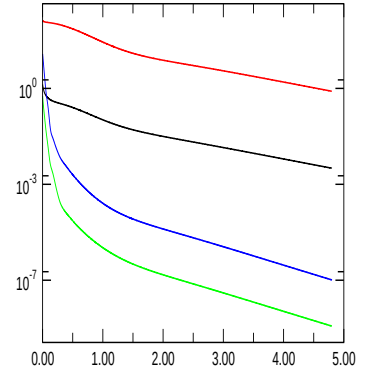


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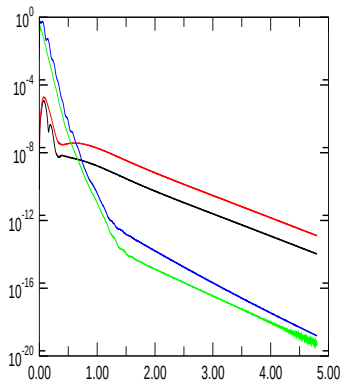
E_{magn}



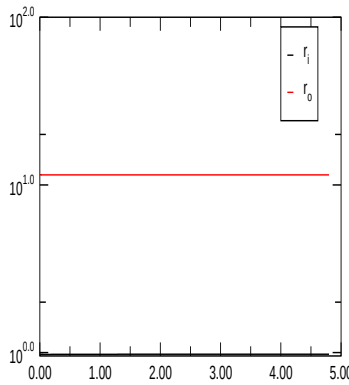
$E_{magn,dip.}$



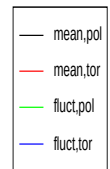
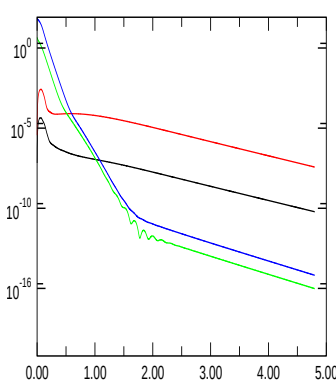
$E_{kin,asymm.}$



Nusselt Number

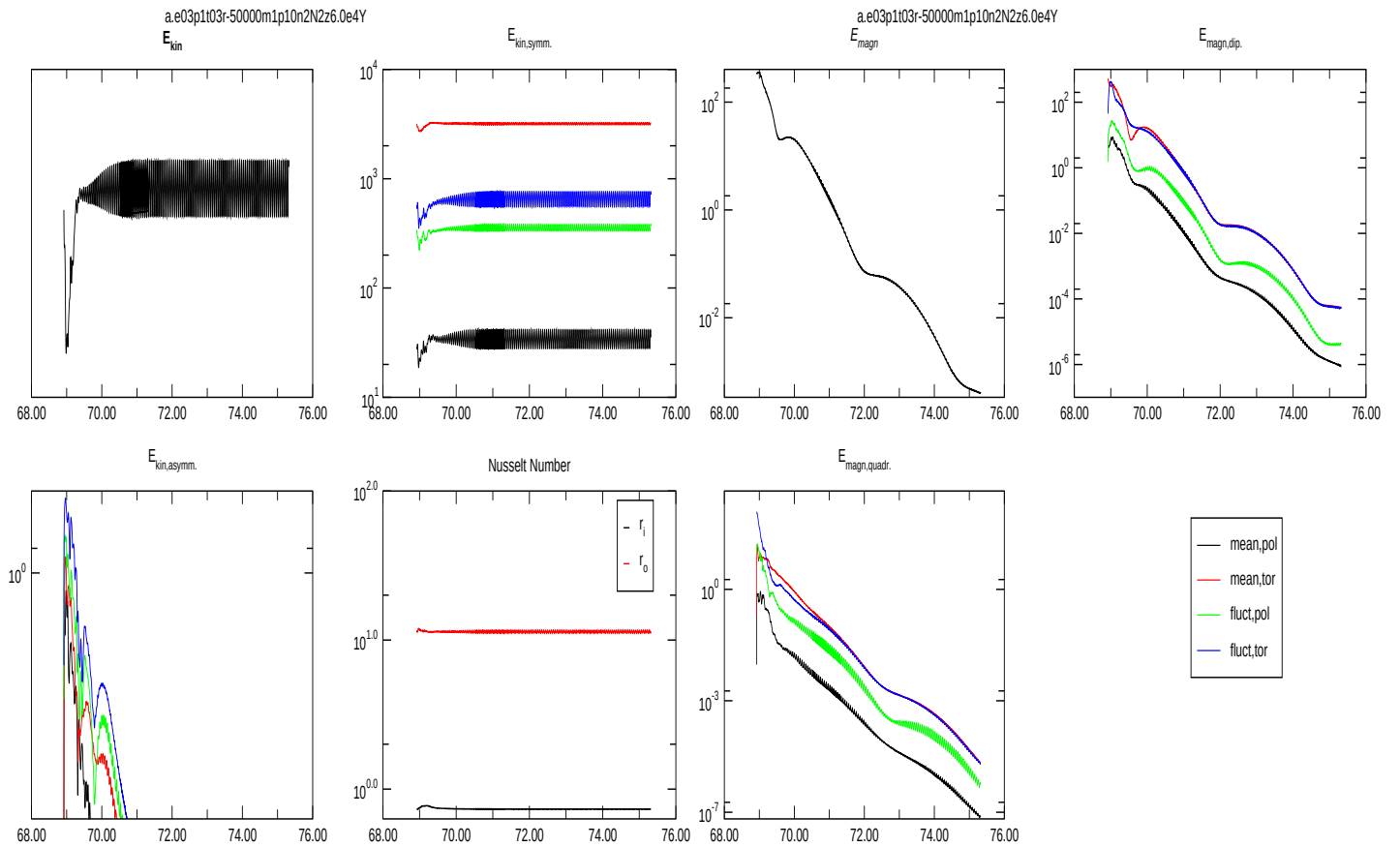
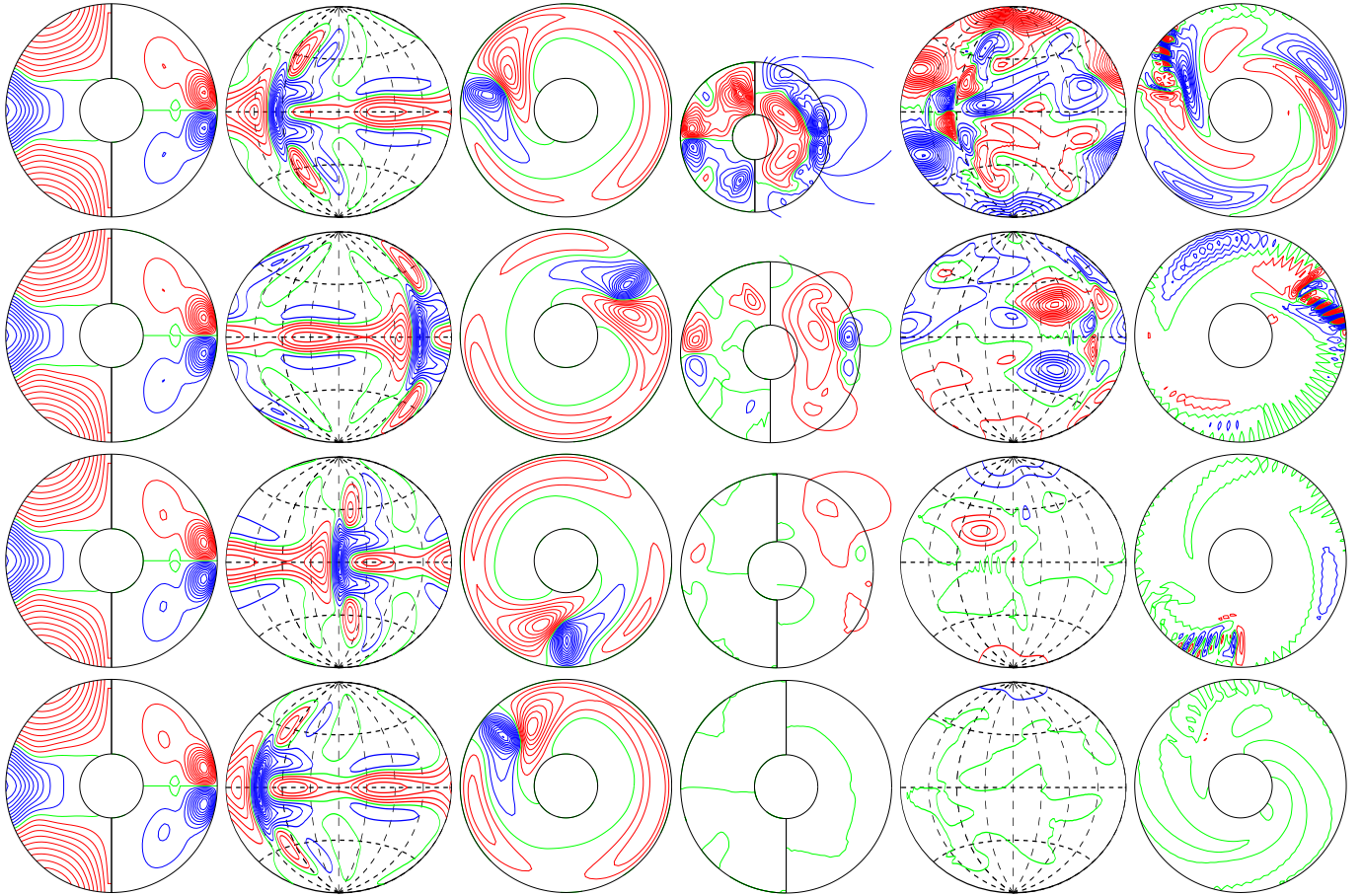


$E_{magn,quadr.}$



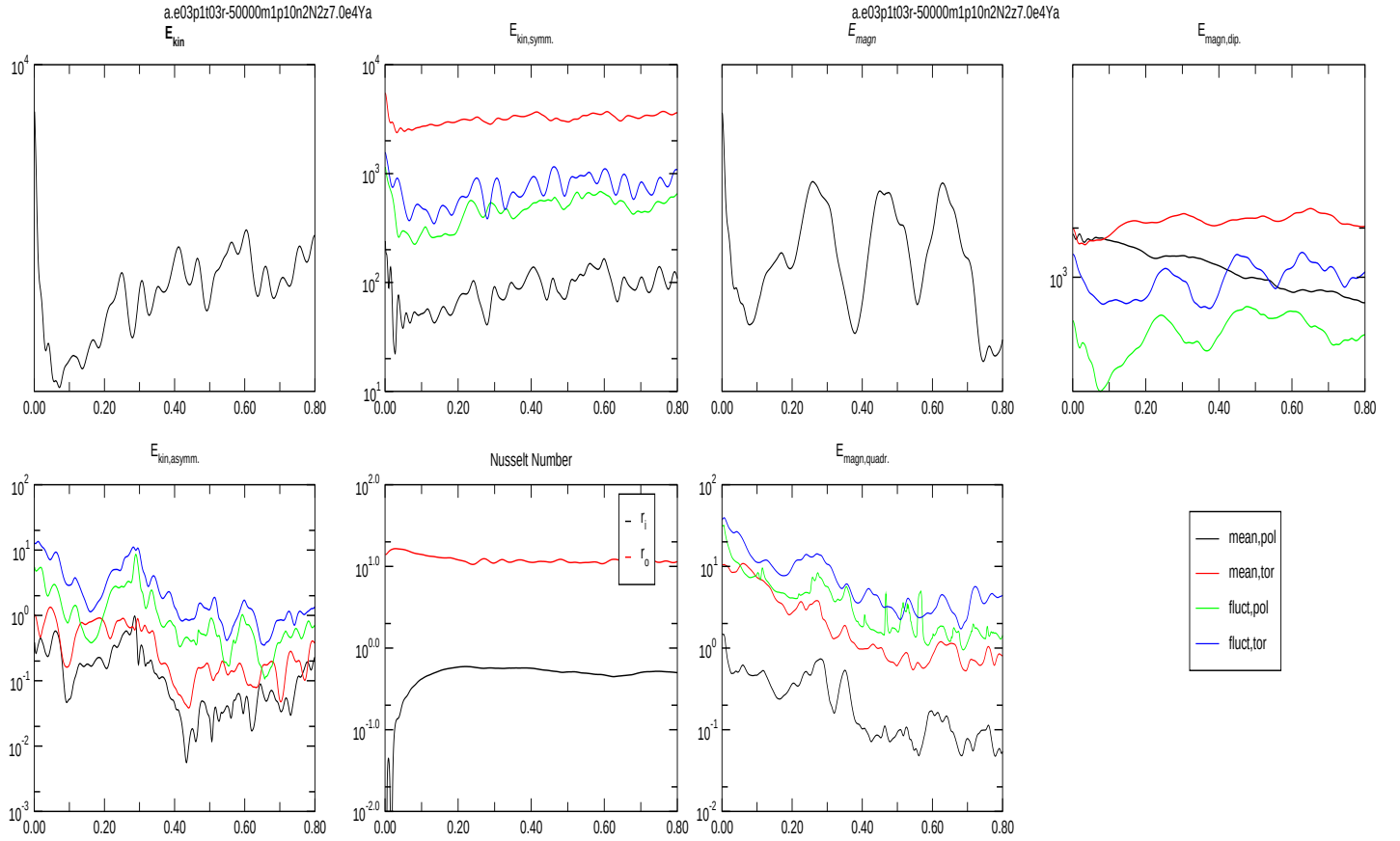
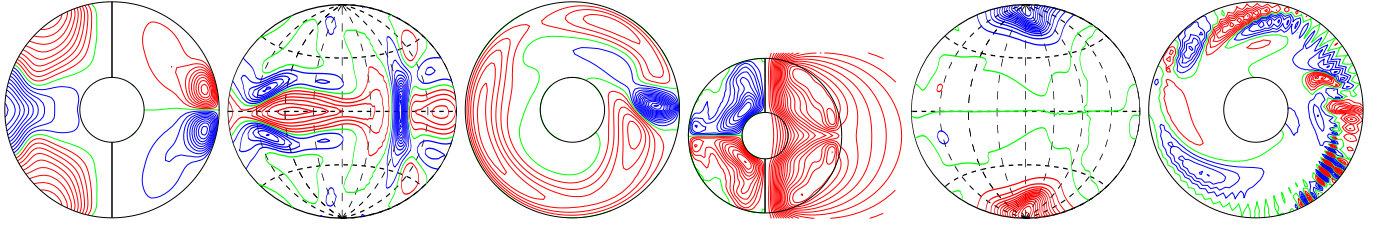
a.e03p1t03r-50000m1p10n2N2z6.0e4Y.9
times: 72.92001 73.72001 74.52001 75.32001

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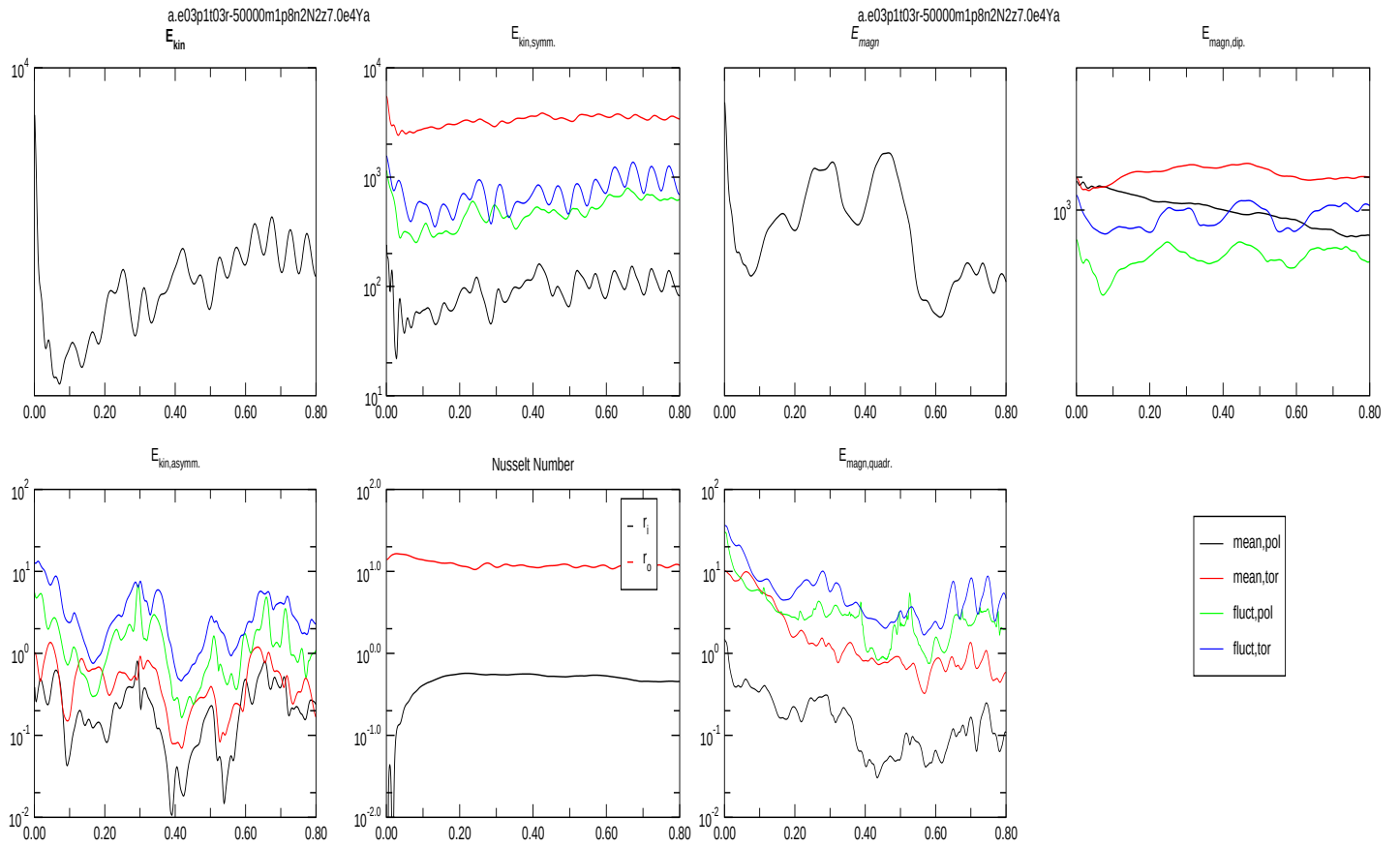
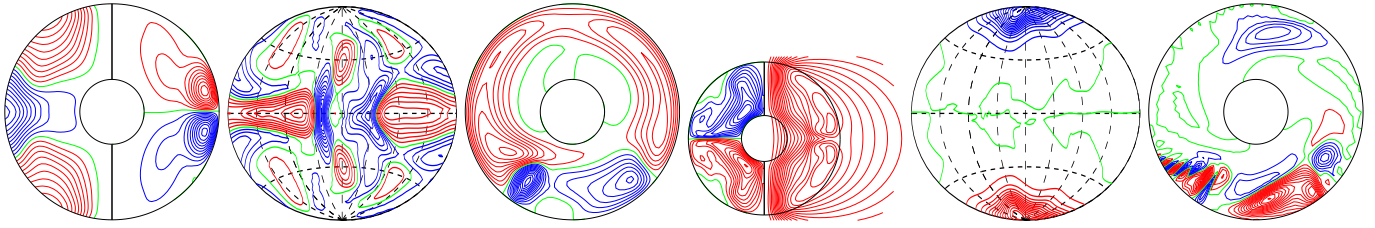
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times: 0.8000008

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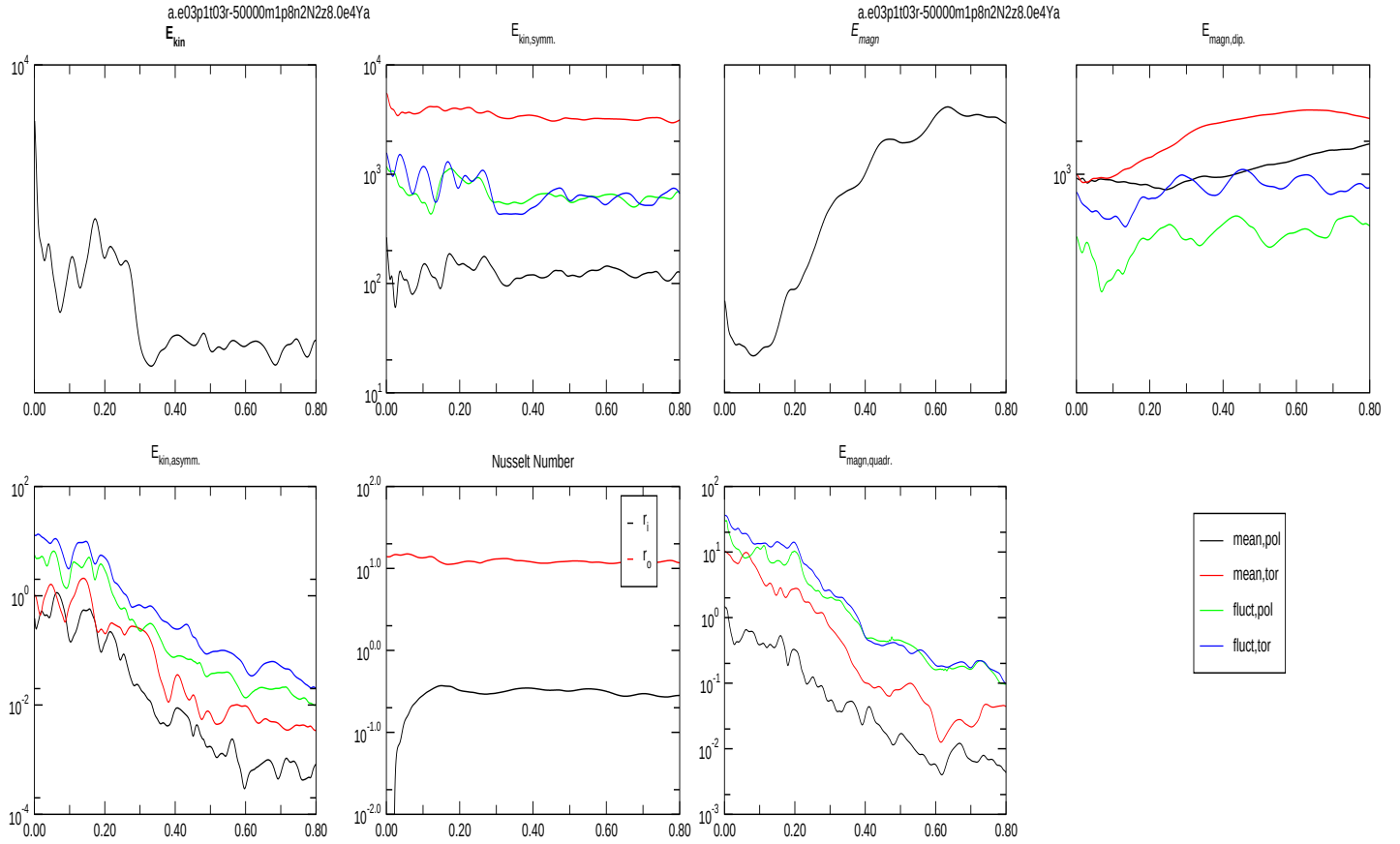
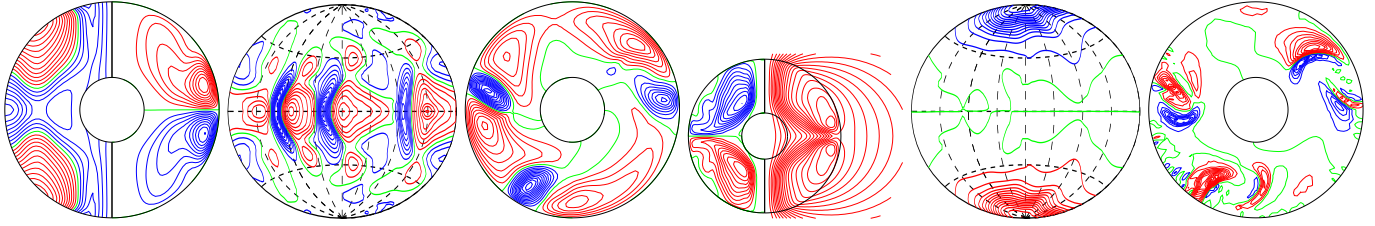
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times: 0.8000008

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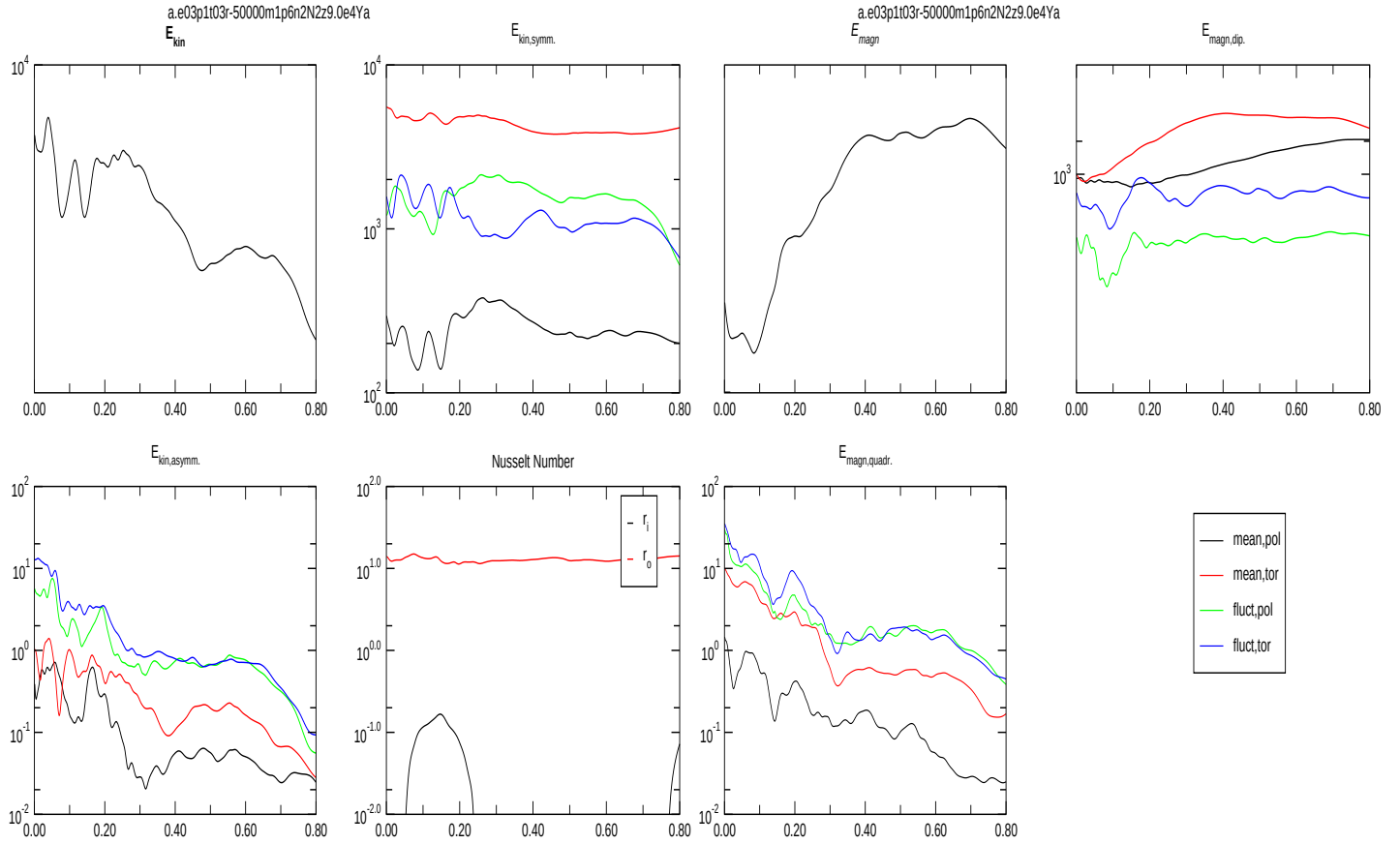
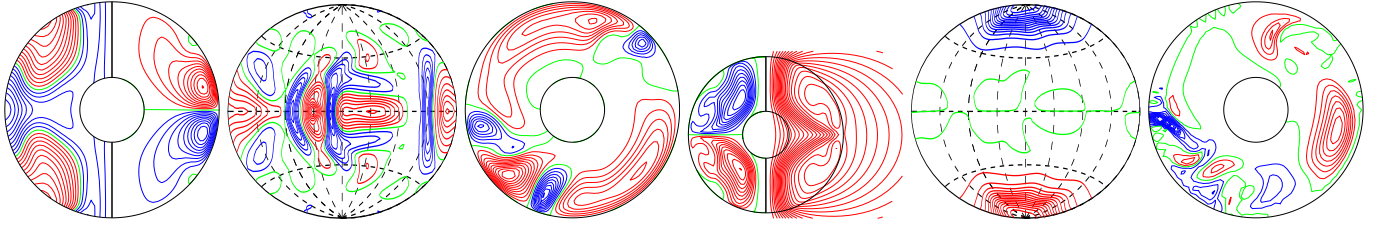
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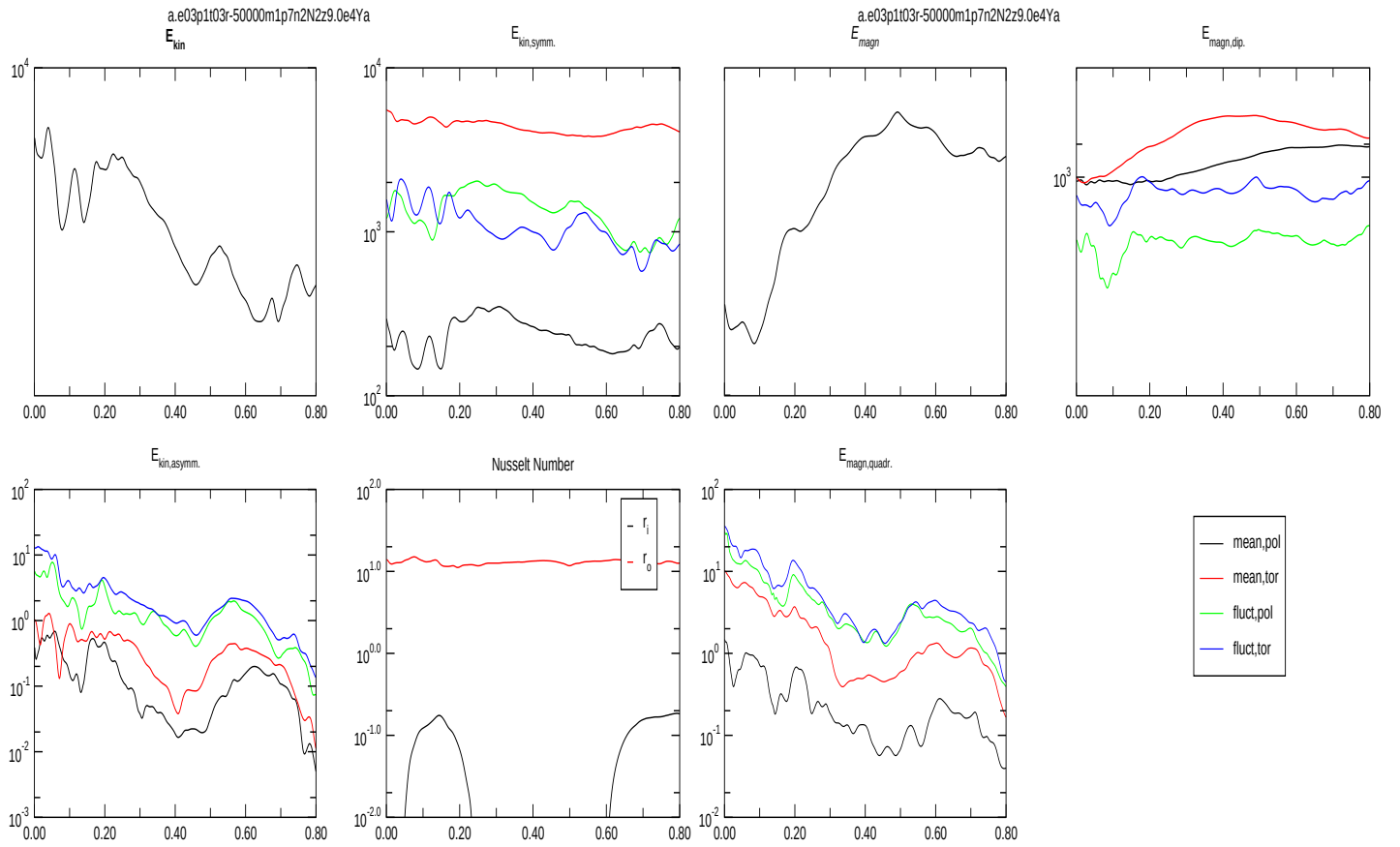
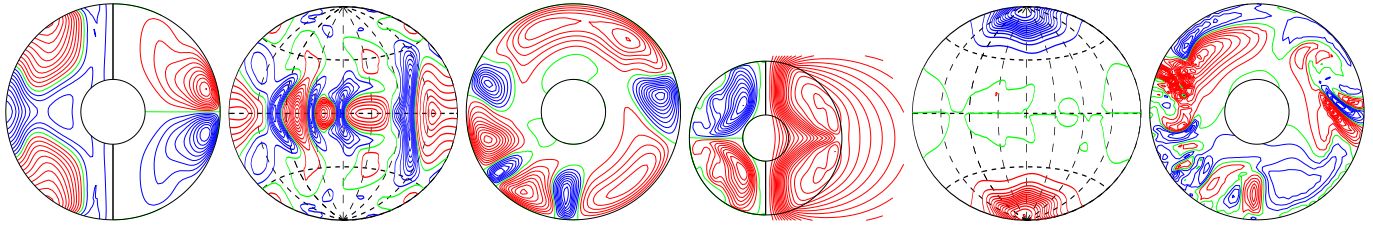
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times: 0.8000008

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a.e03p1t03r-50000m1p7n2N2z9.0e4Ya.2
times: 0.8000008

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a.e03p1t03r-50000m1p8n2N2z9.0e4Ya.7
times: 2.400003 3.200004 4.000005 4.800006

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