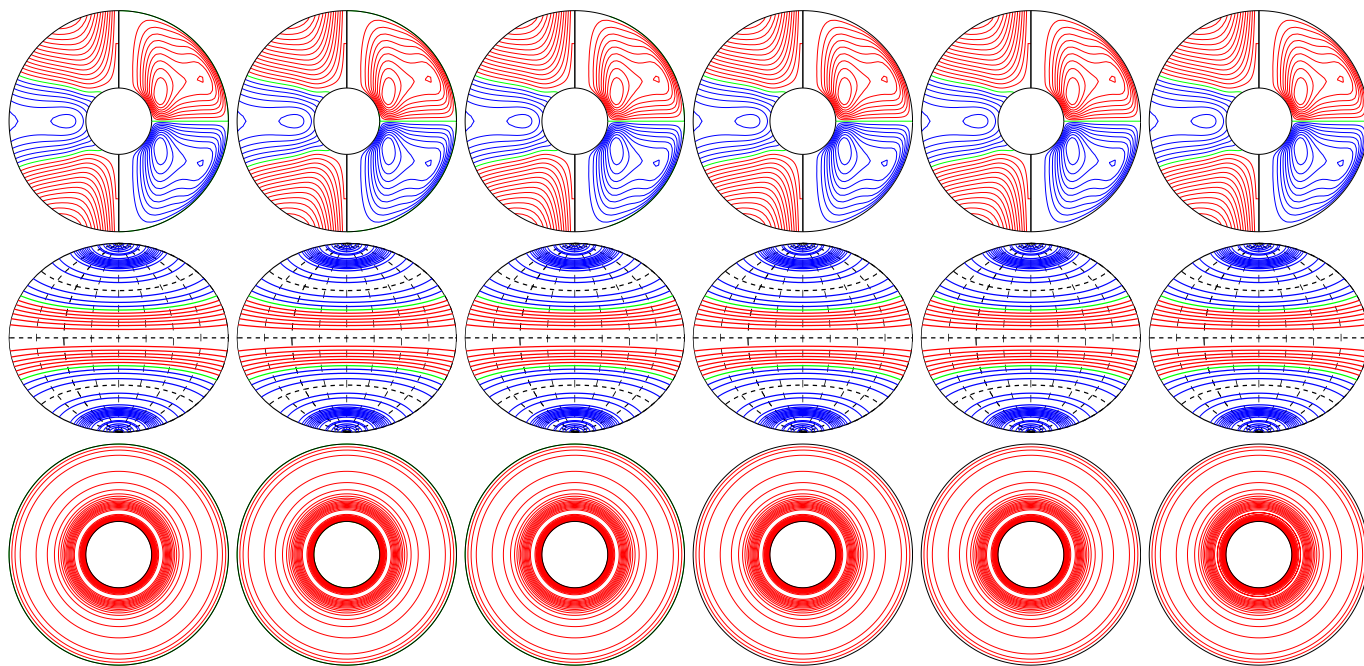


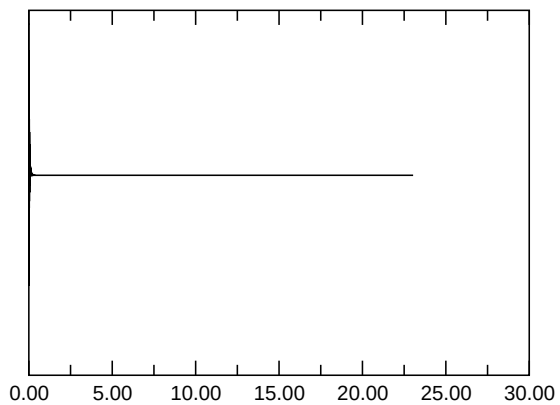
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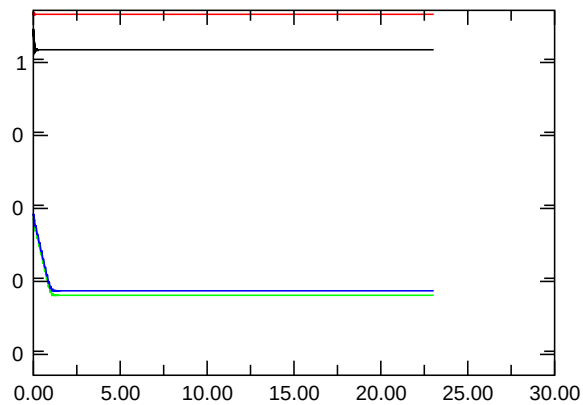
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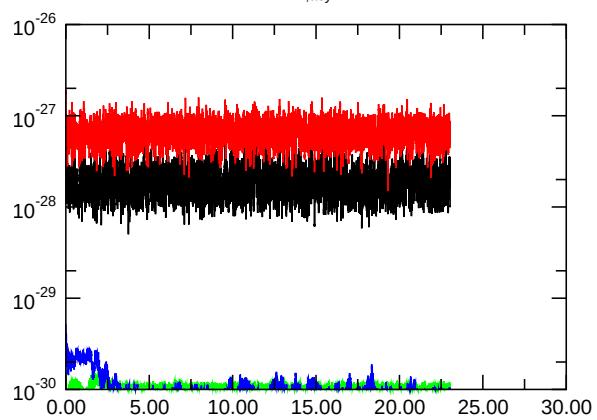
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 E_{kin}



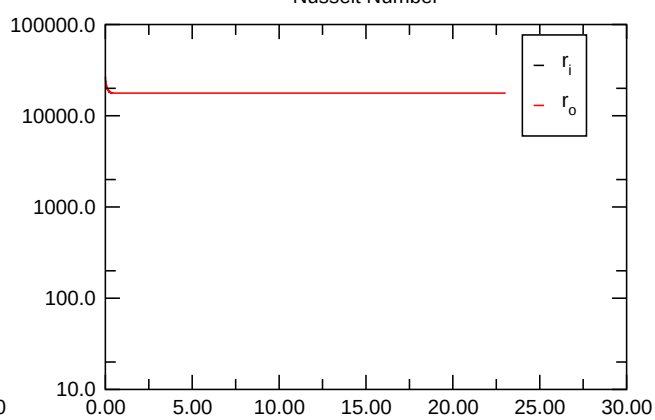
$E_{\text{kin,symm.}}$



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



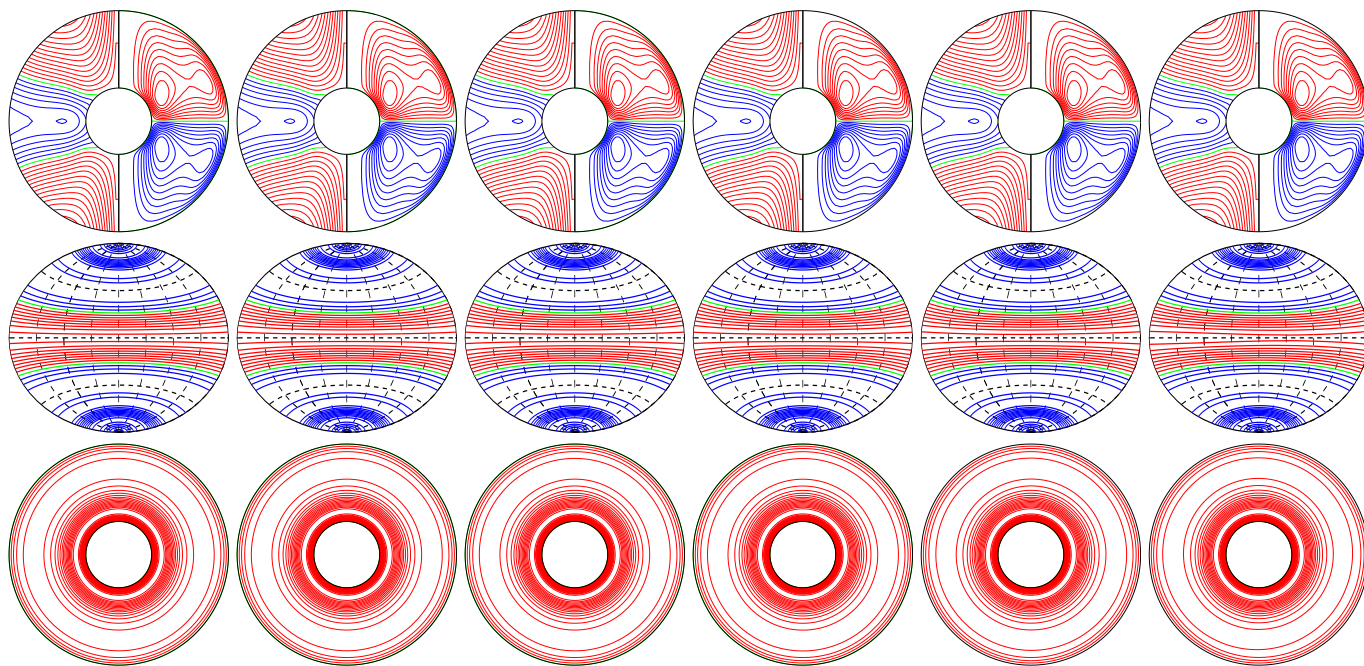
Nusselt Number



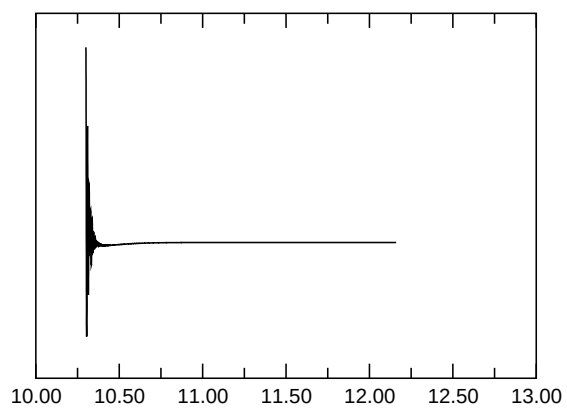
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May 18, 2015

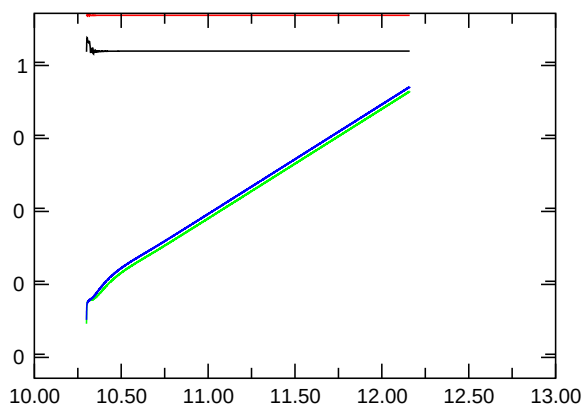
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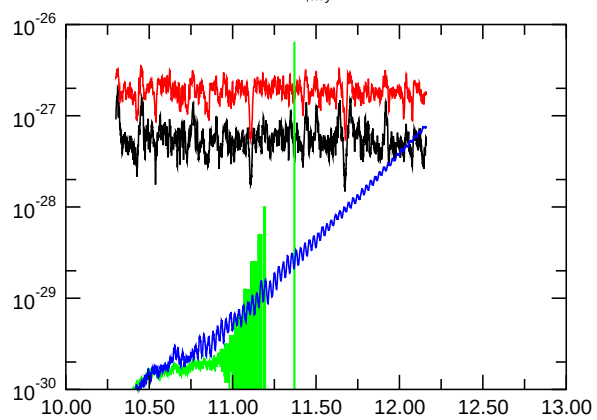
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 E_{kin}



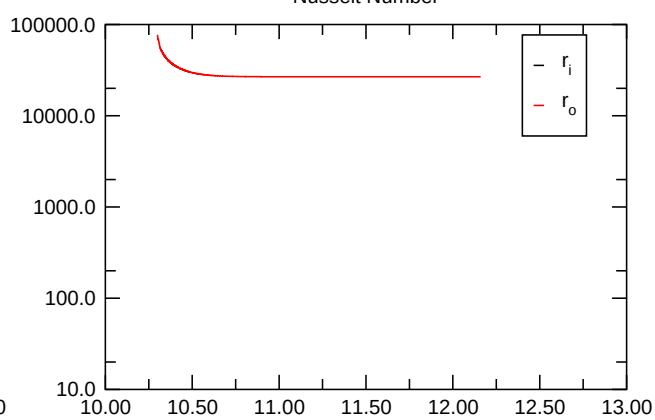
$E_{\text{kin,symm.}}$



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



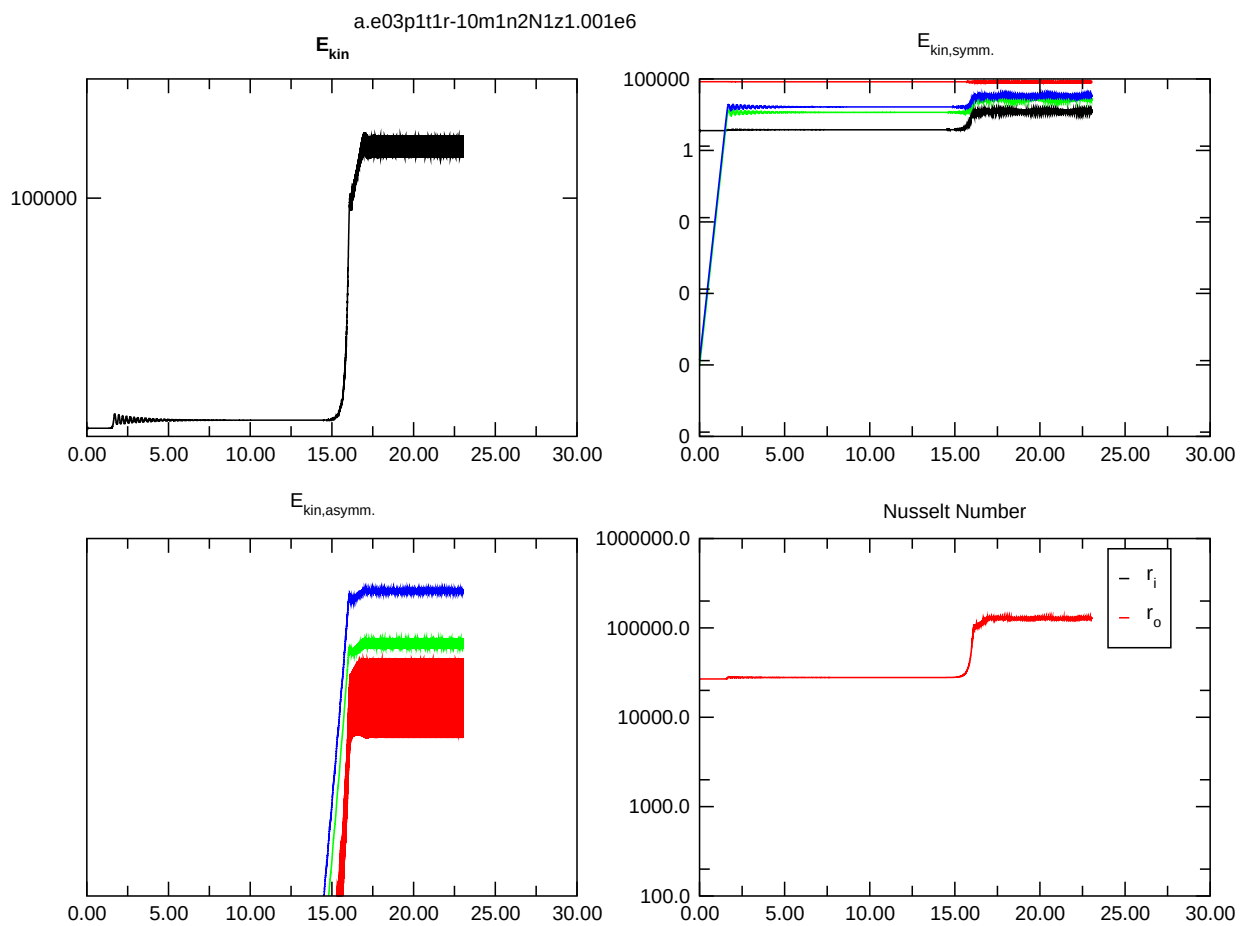
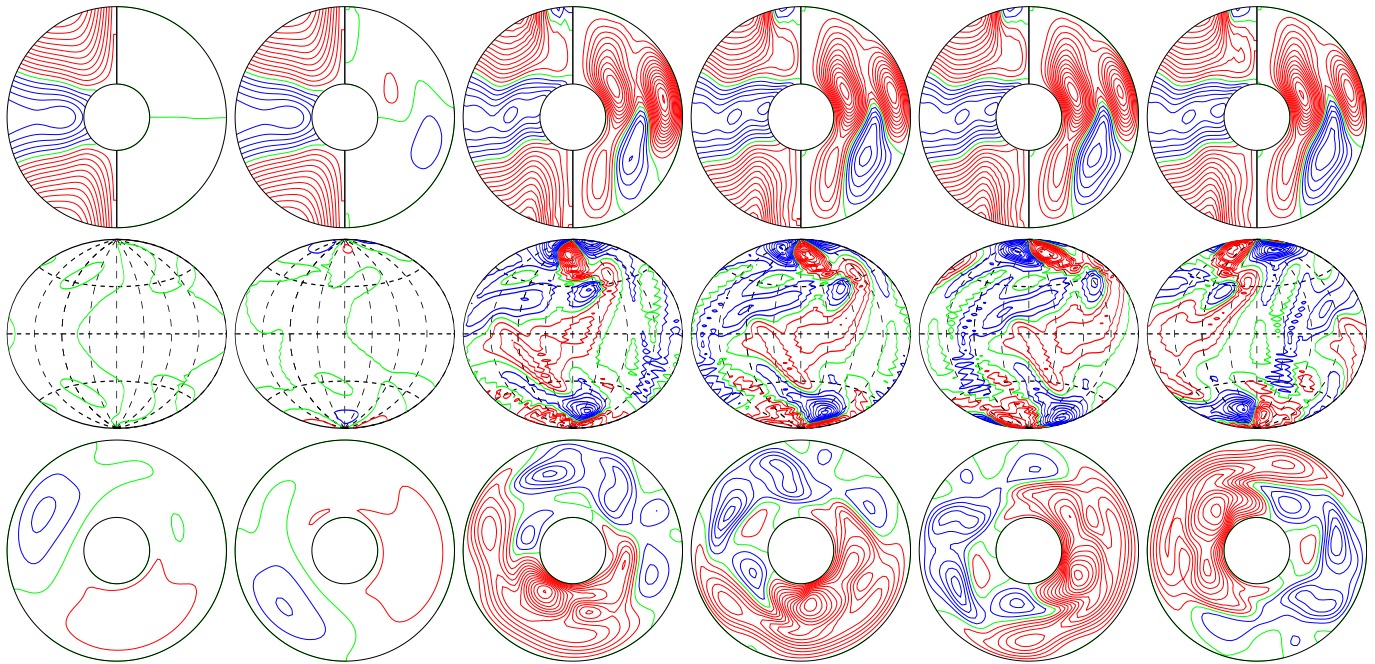
Nusselt Number



a.e03p1t1r-10m1n2N1z1.001e6.20

May 18, 2015

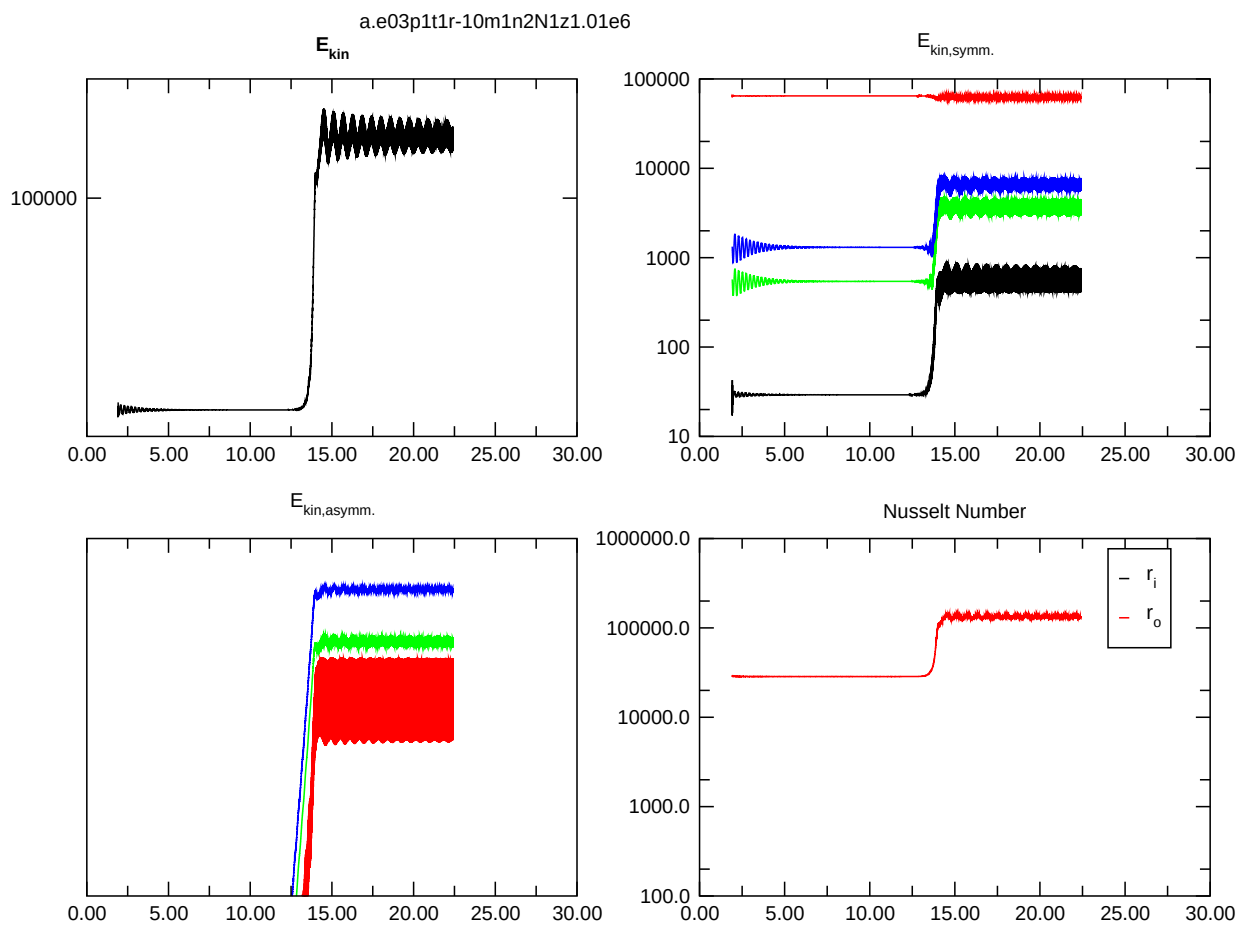
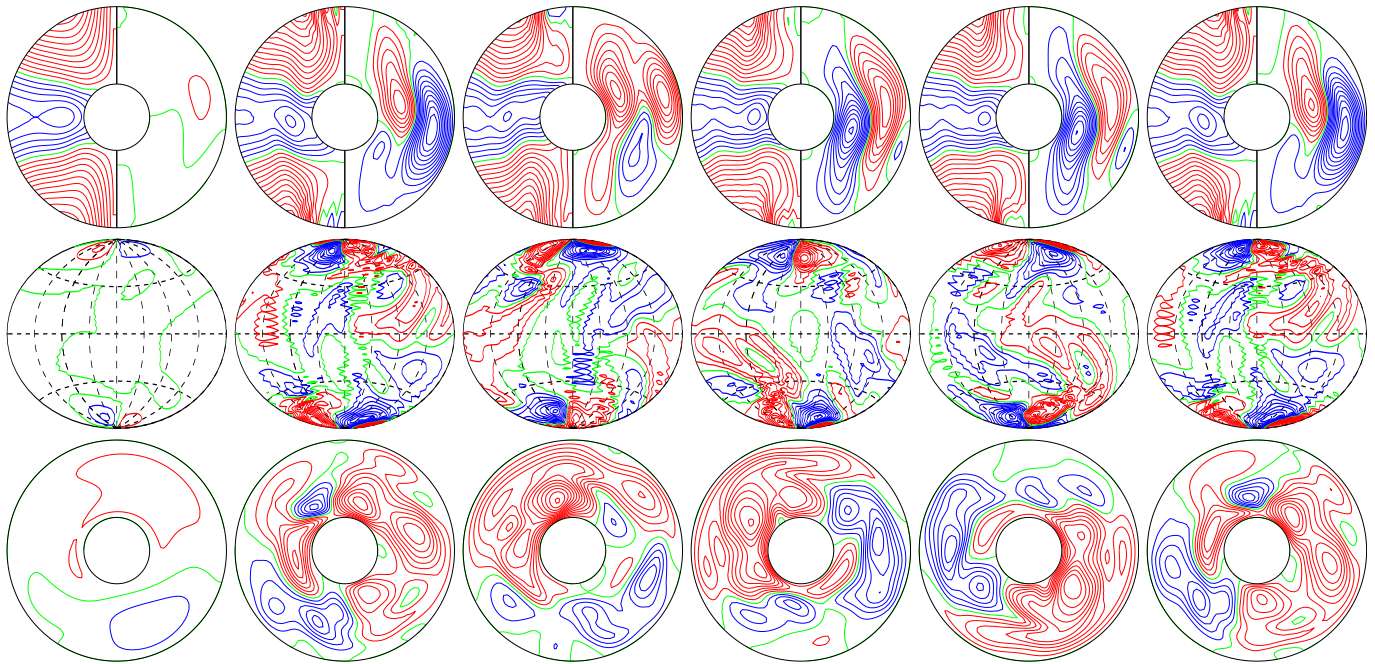
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times: 13.44001 14.72001 16.00001 17.28001 21.12001 22.40001

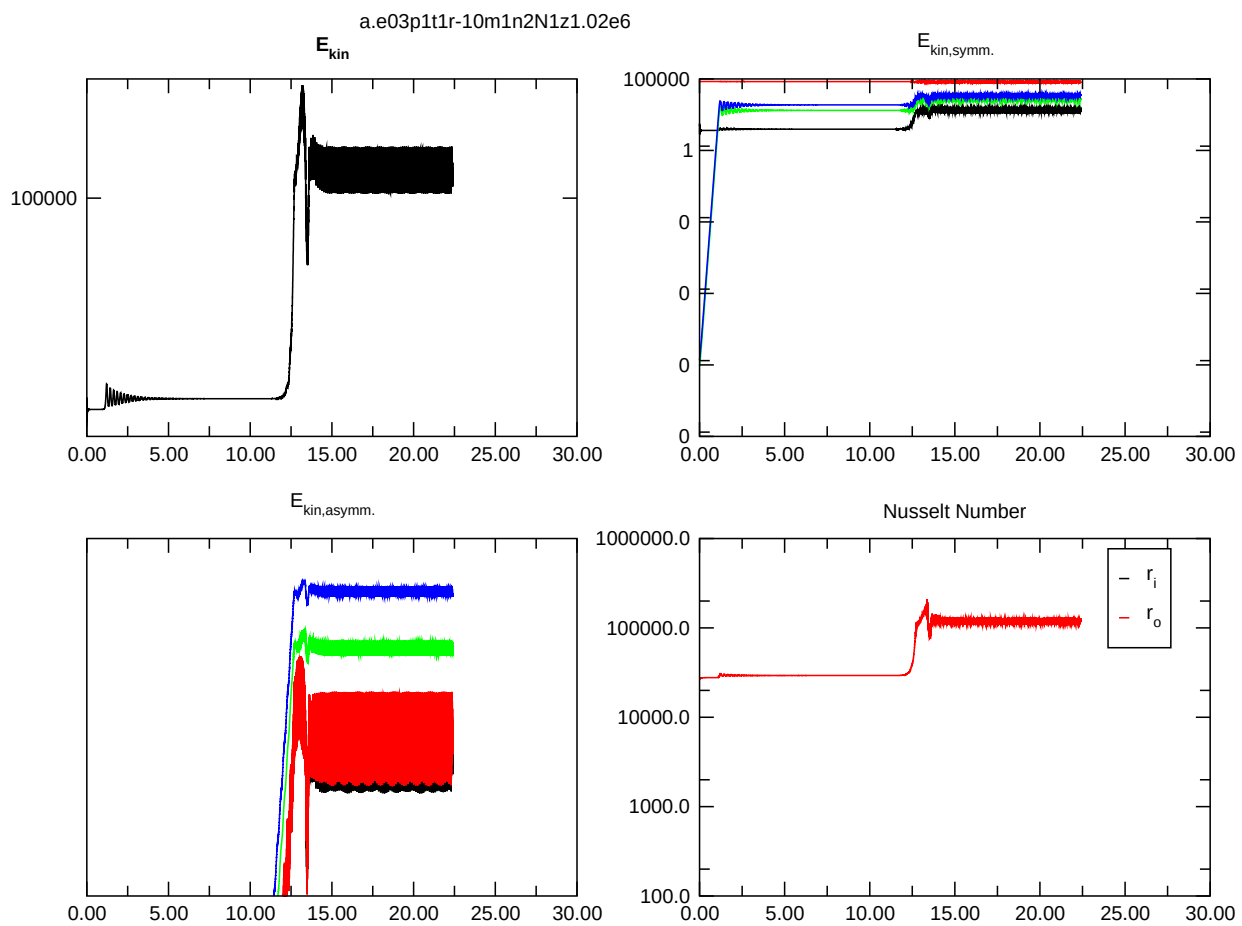
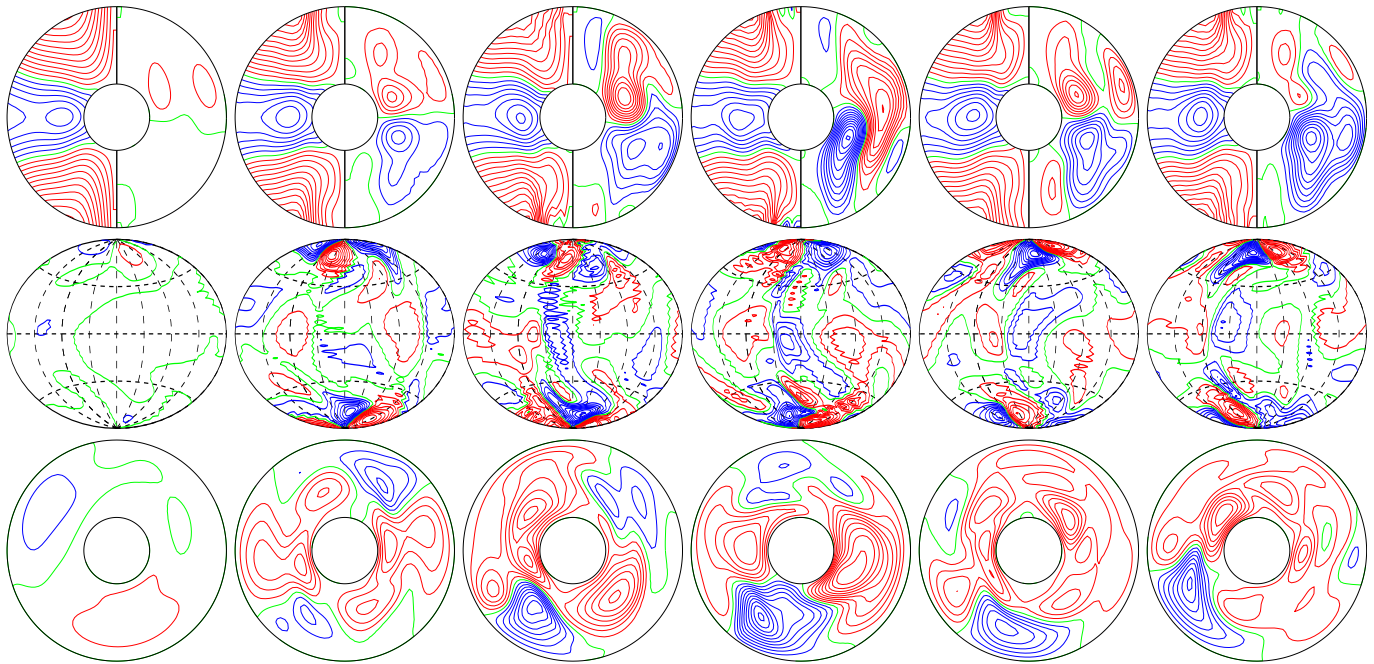
May 18, 2015



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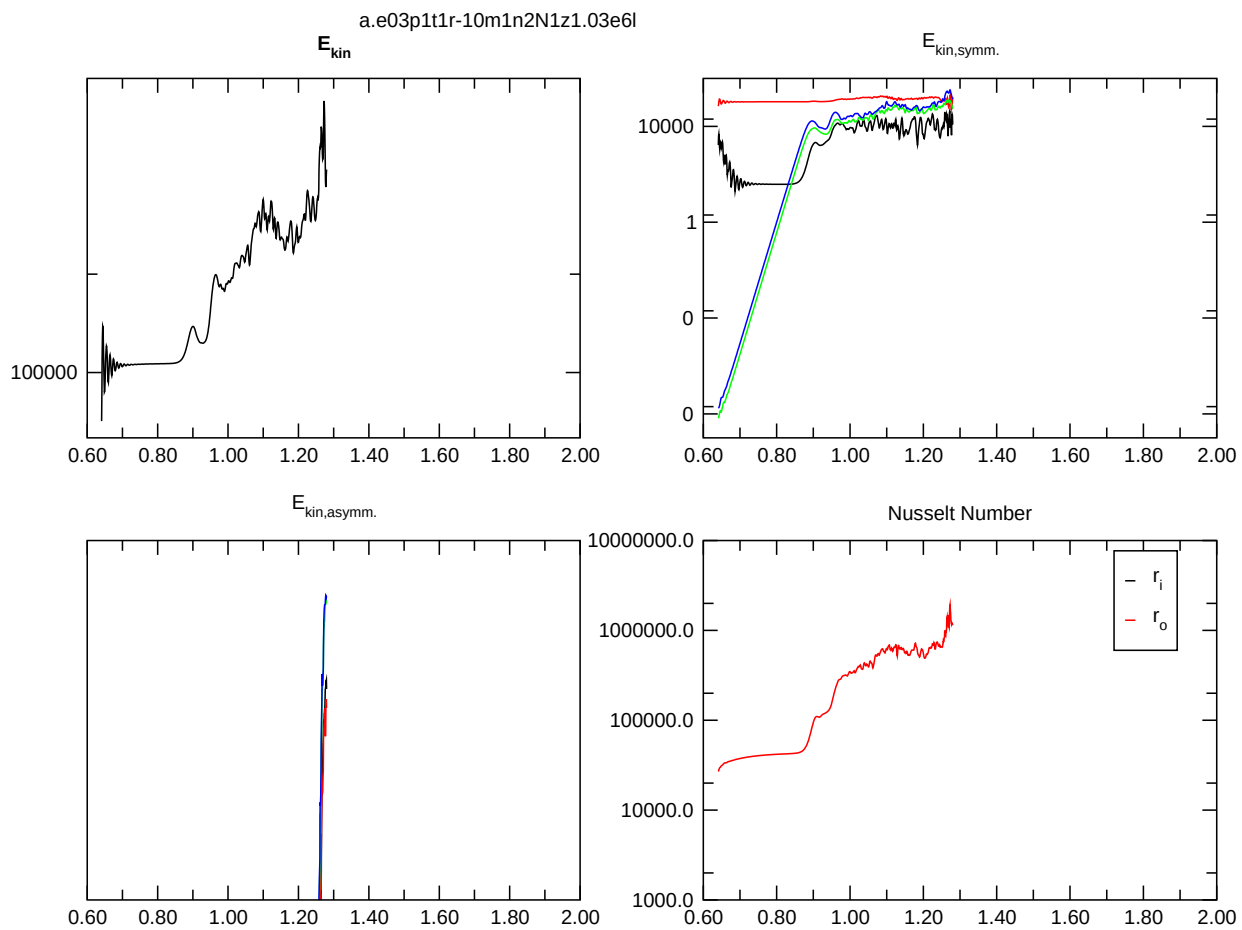
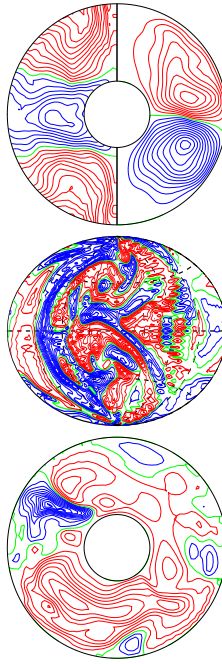
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times: 1.280002

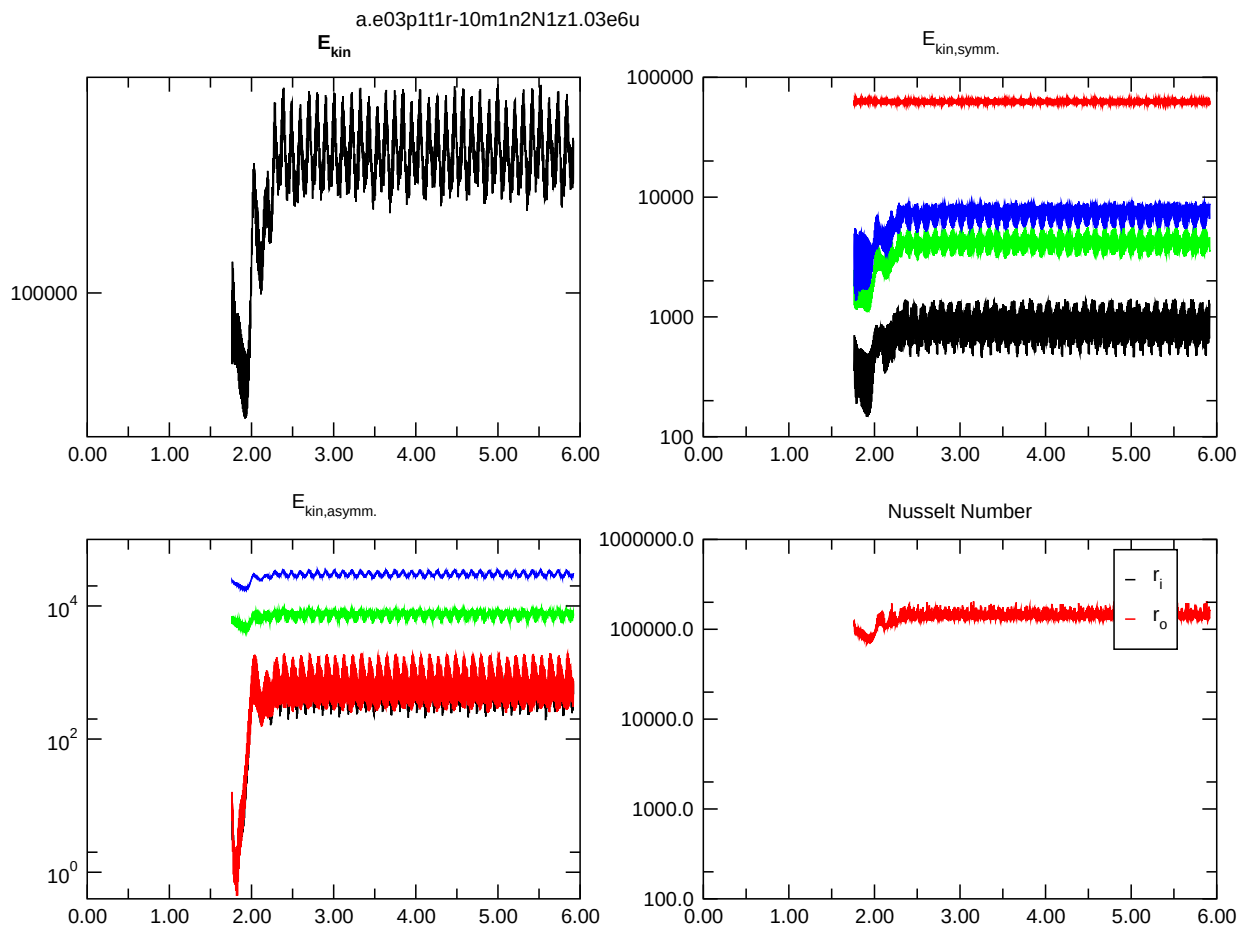
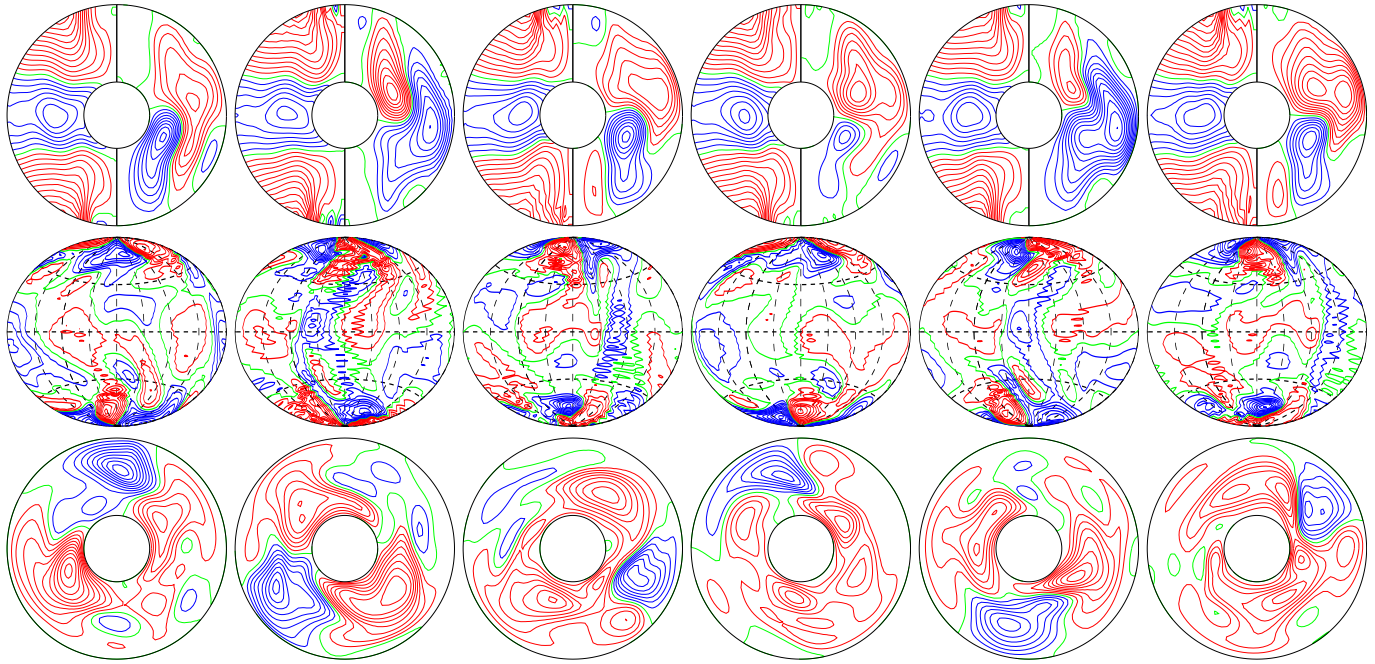
May 18, 2015



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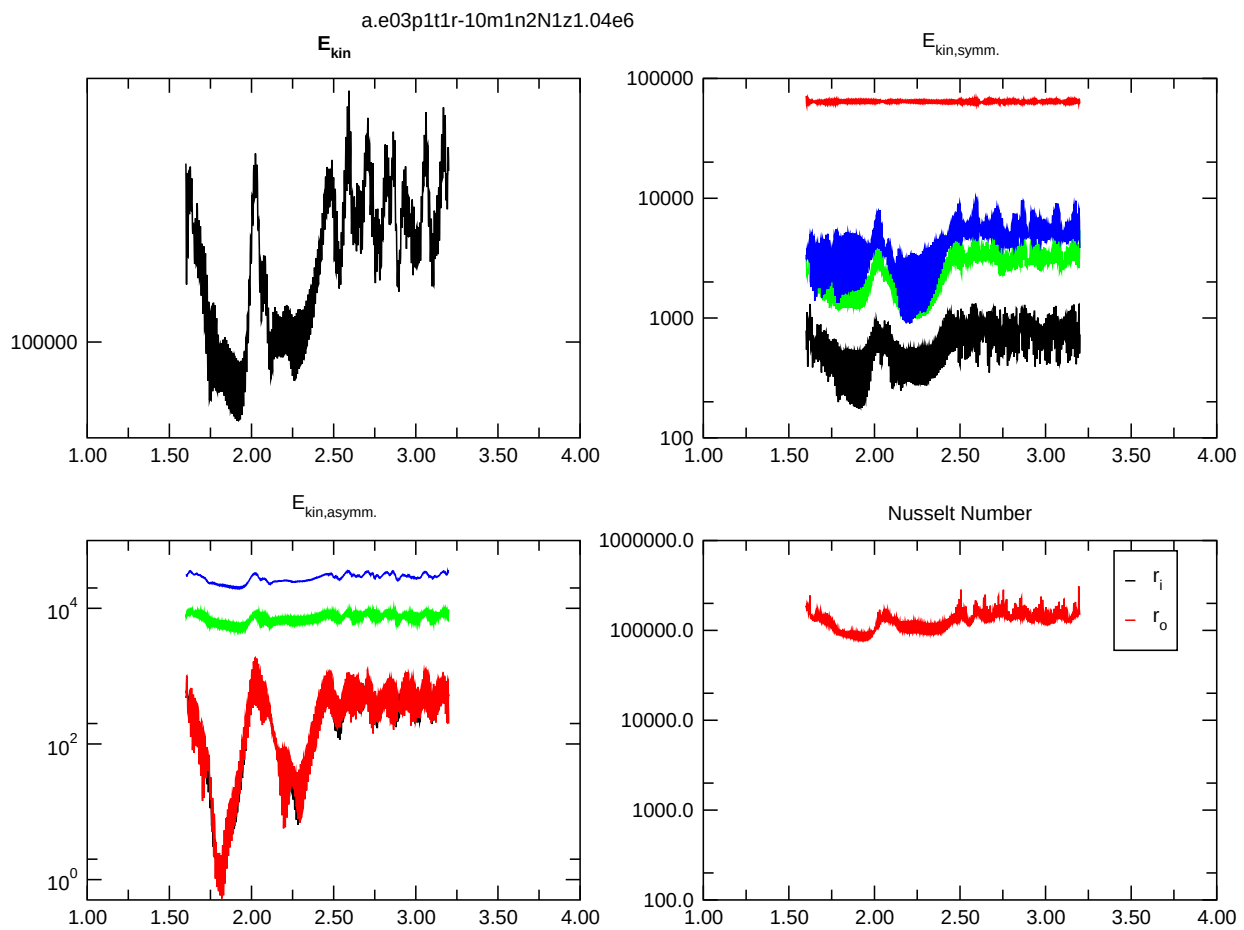
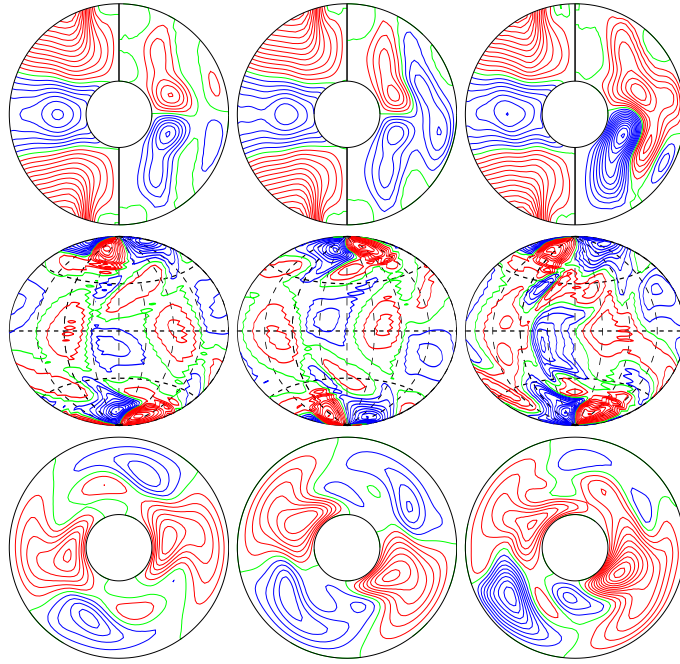
May 18, 2015

times: 2.720013 3.360014 4.000015 4.640016 5.280017 5.920018



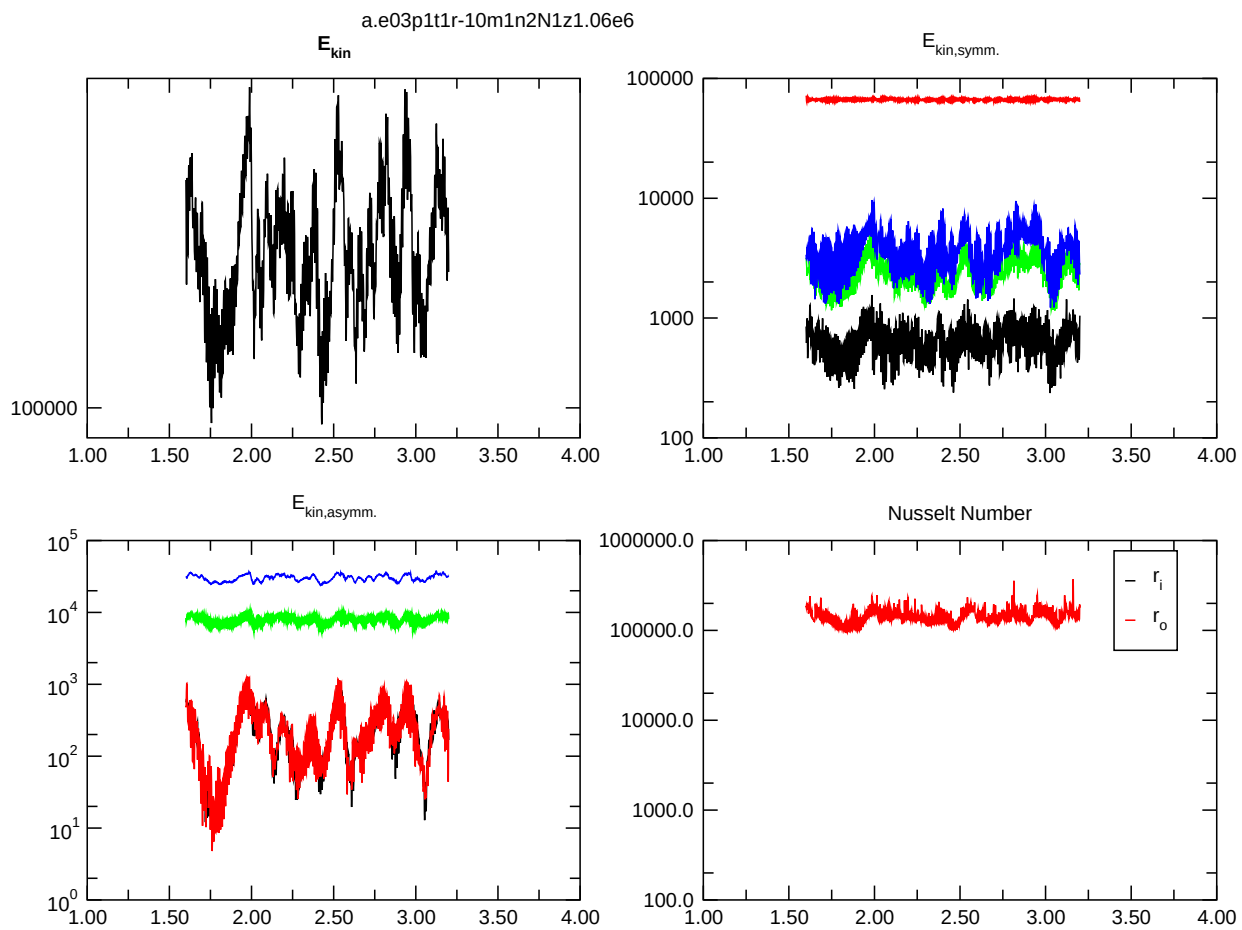
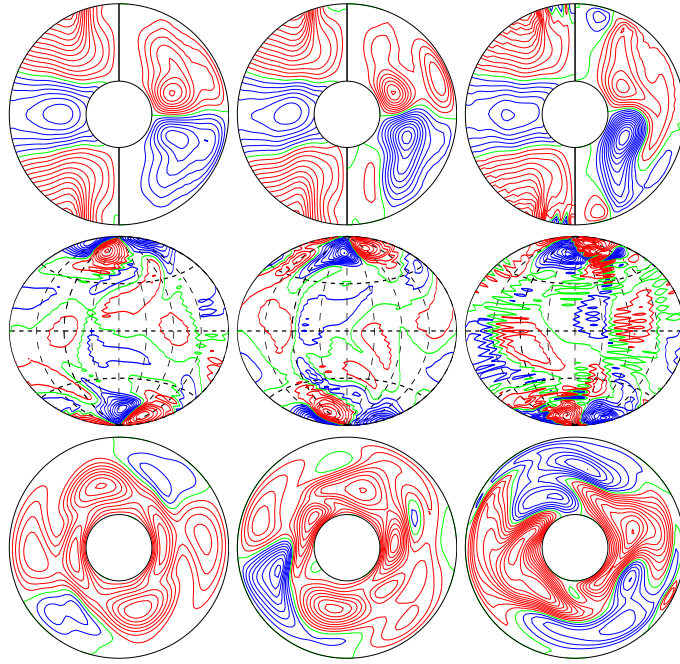
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May 18, 2015



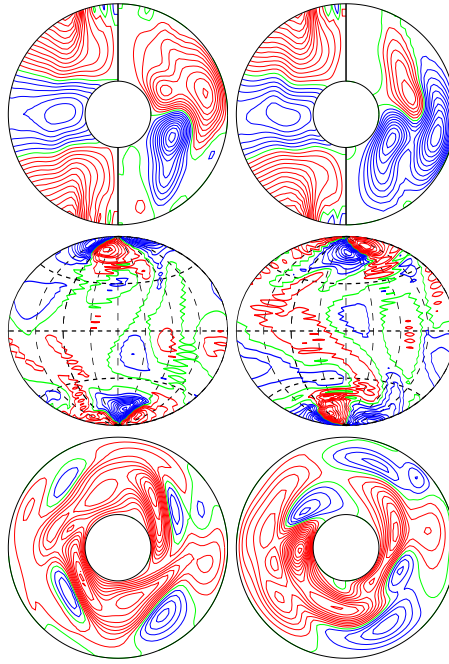
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May 18, 2015

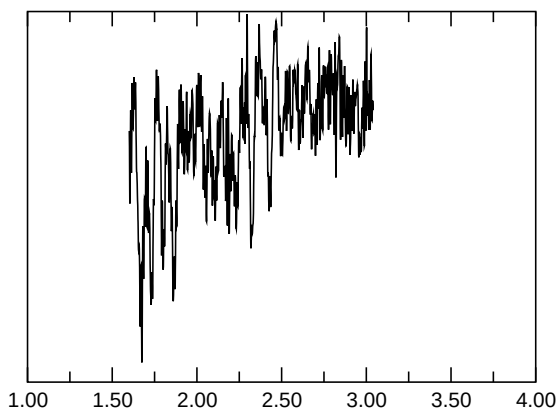


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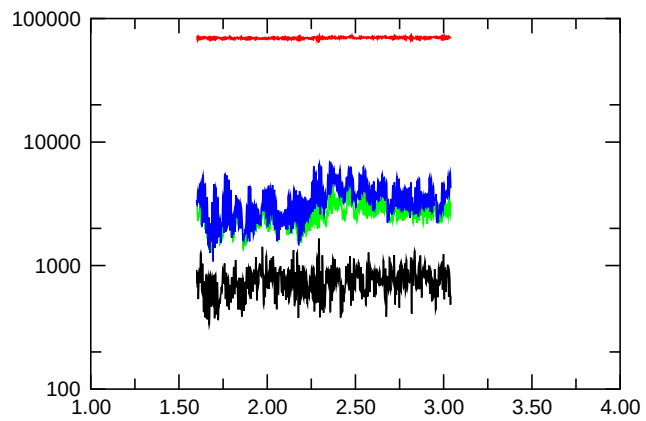
May 18, 2015



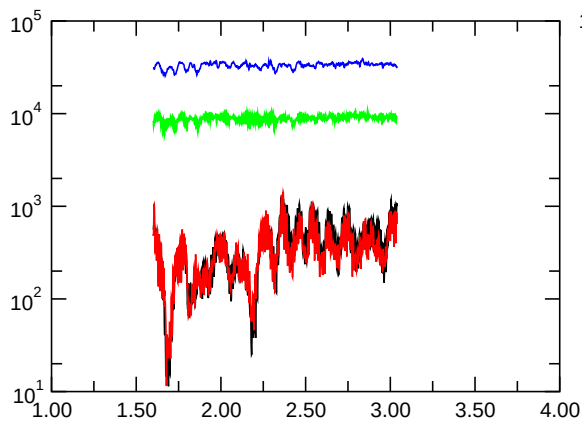
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 E_{kin}



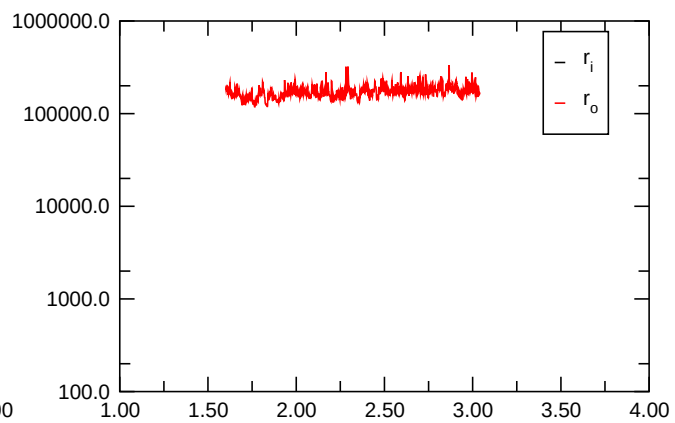
$E_{\text{kin,symm.}}$



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



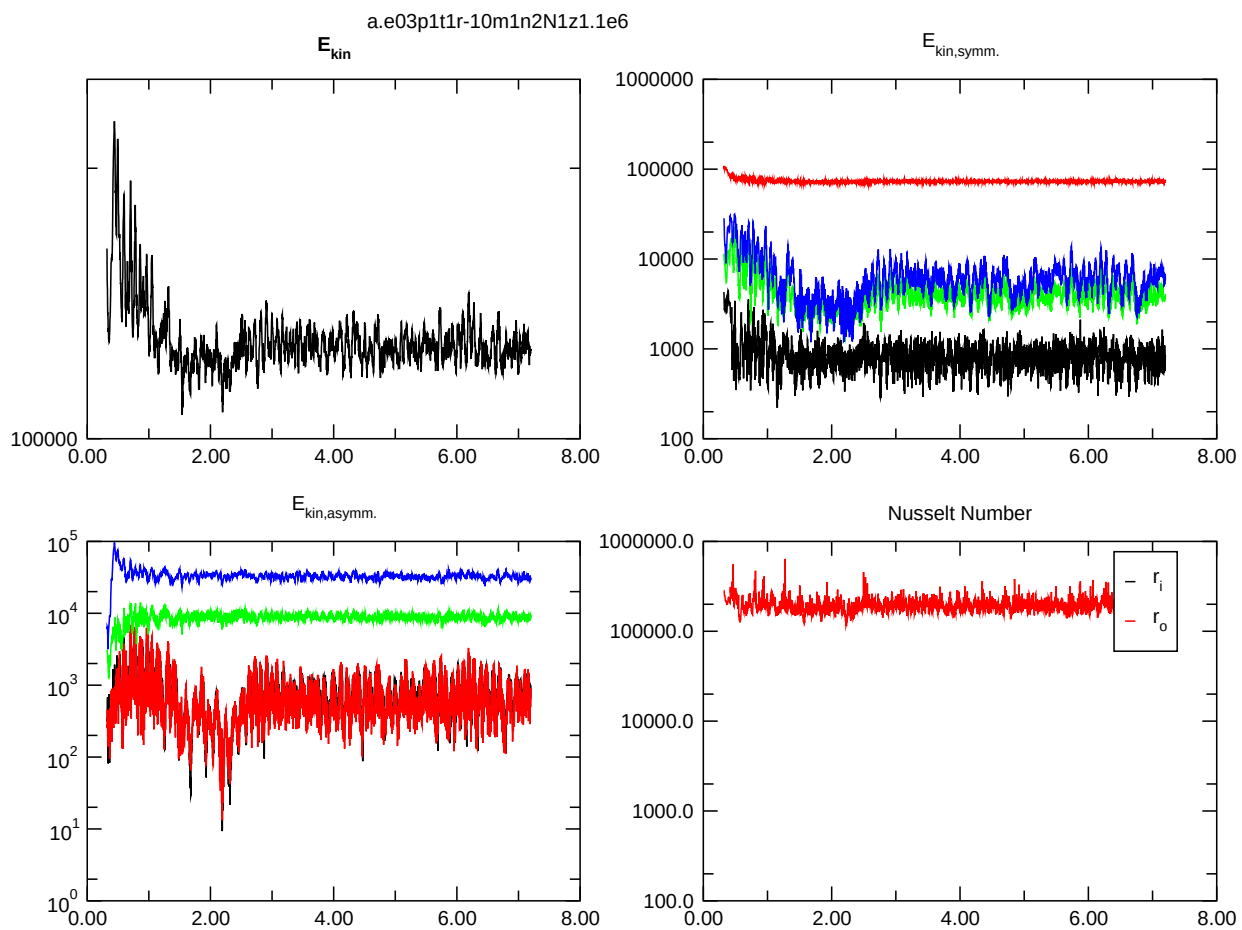
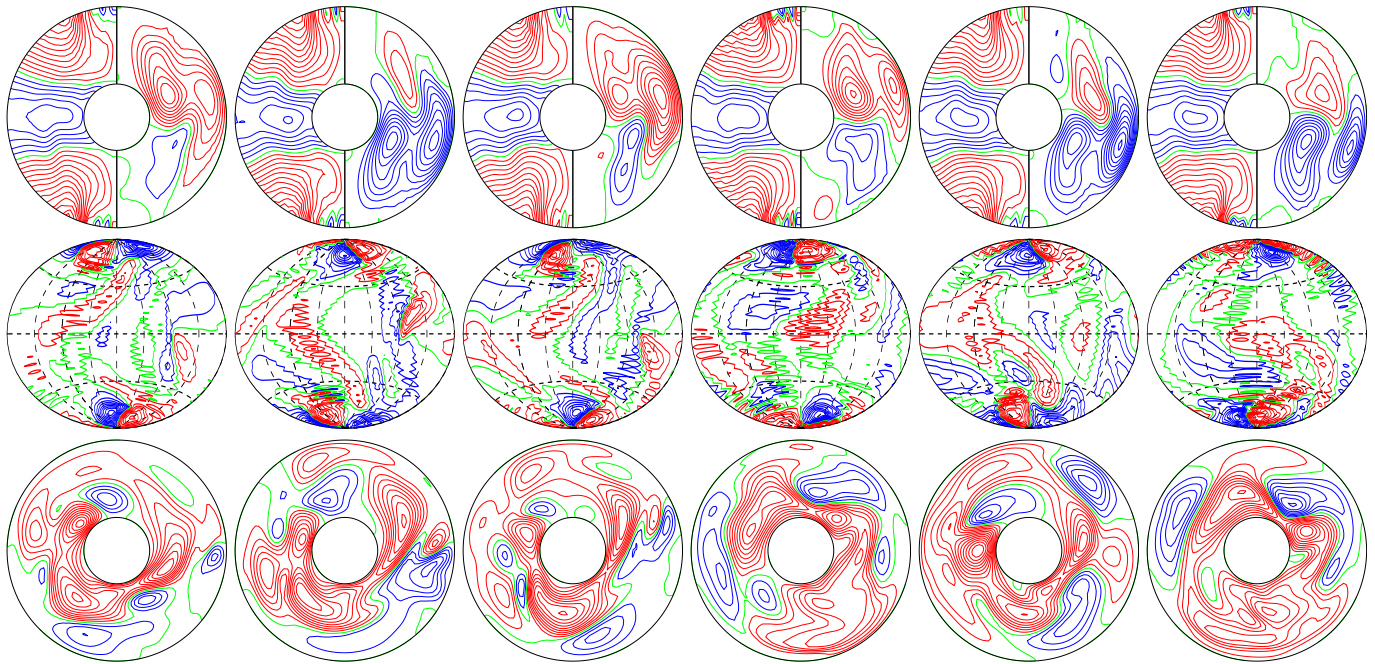
Nusselt Number



a.e03p1t1r-10m1n2N1z1.1e6.23

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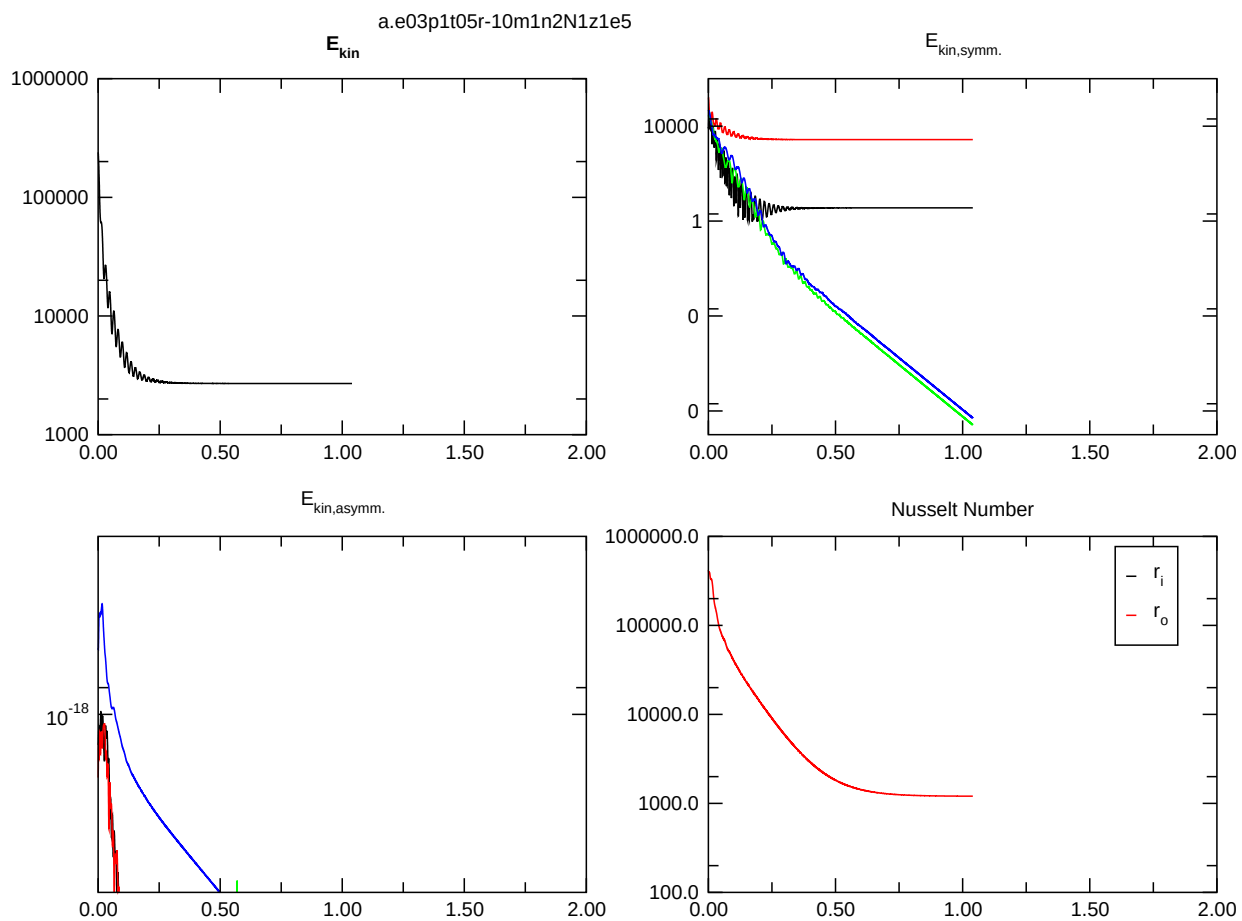
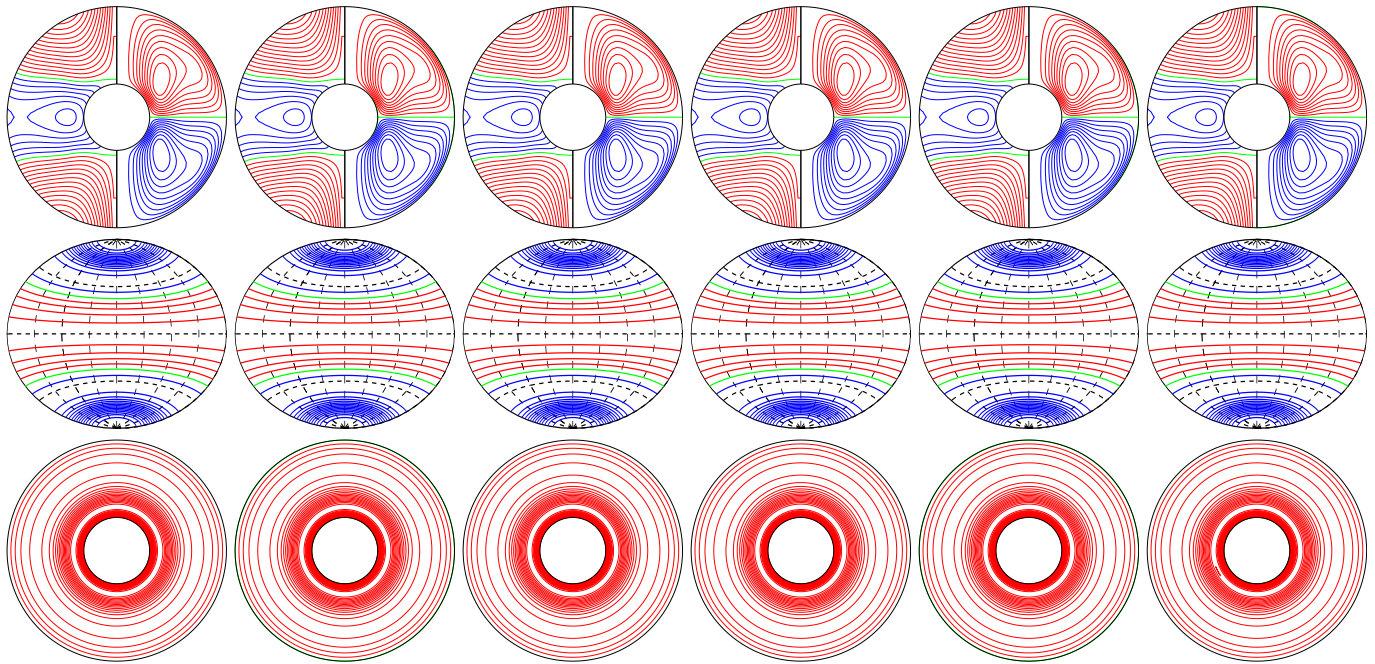
May 18, 2015



a.e03p1t05r-10m1n2N1z1e5.66

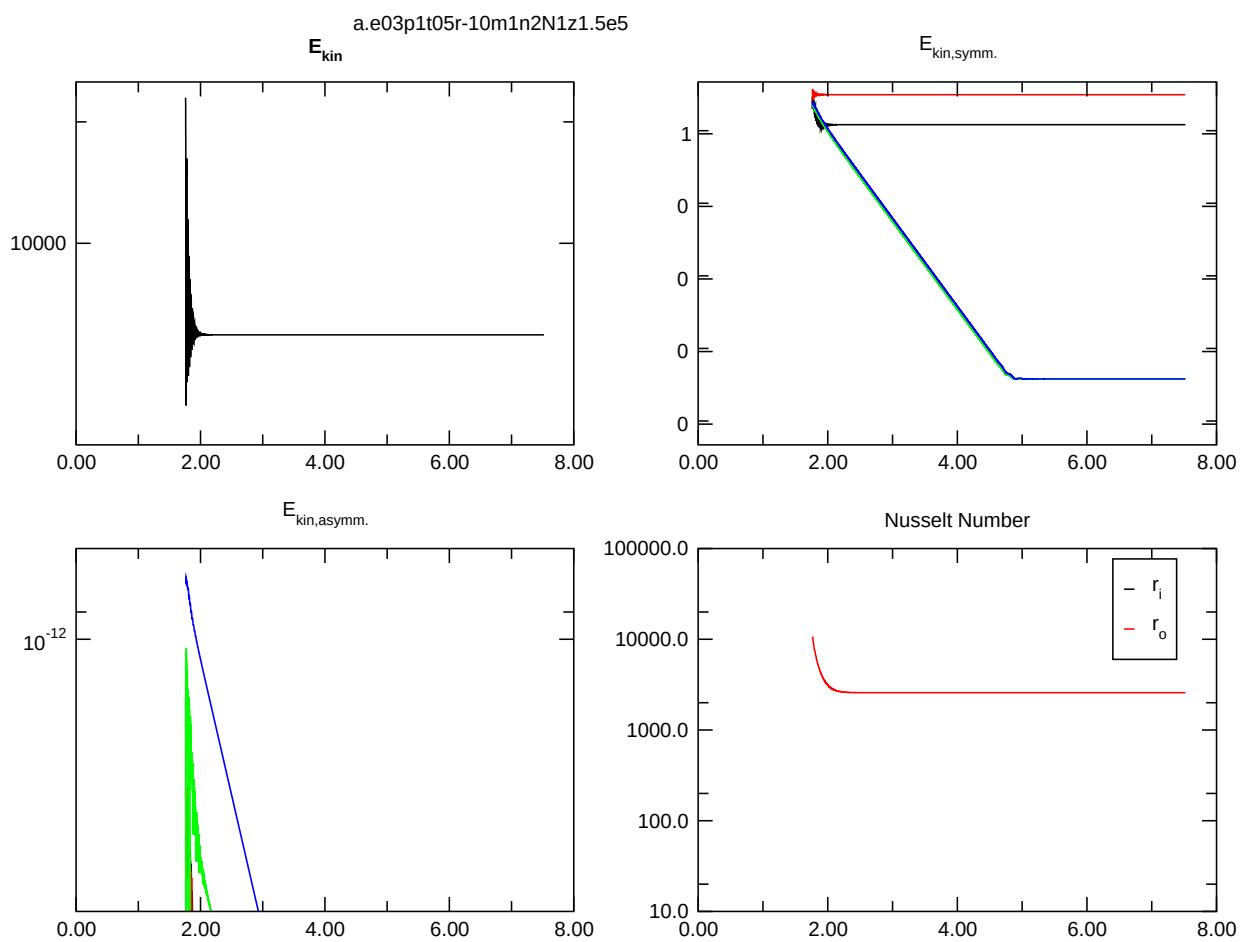
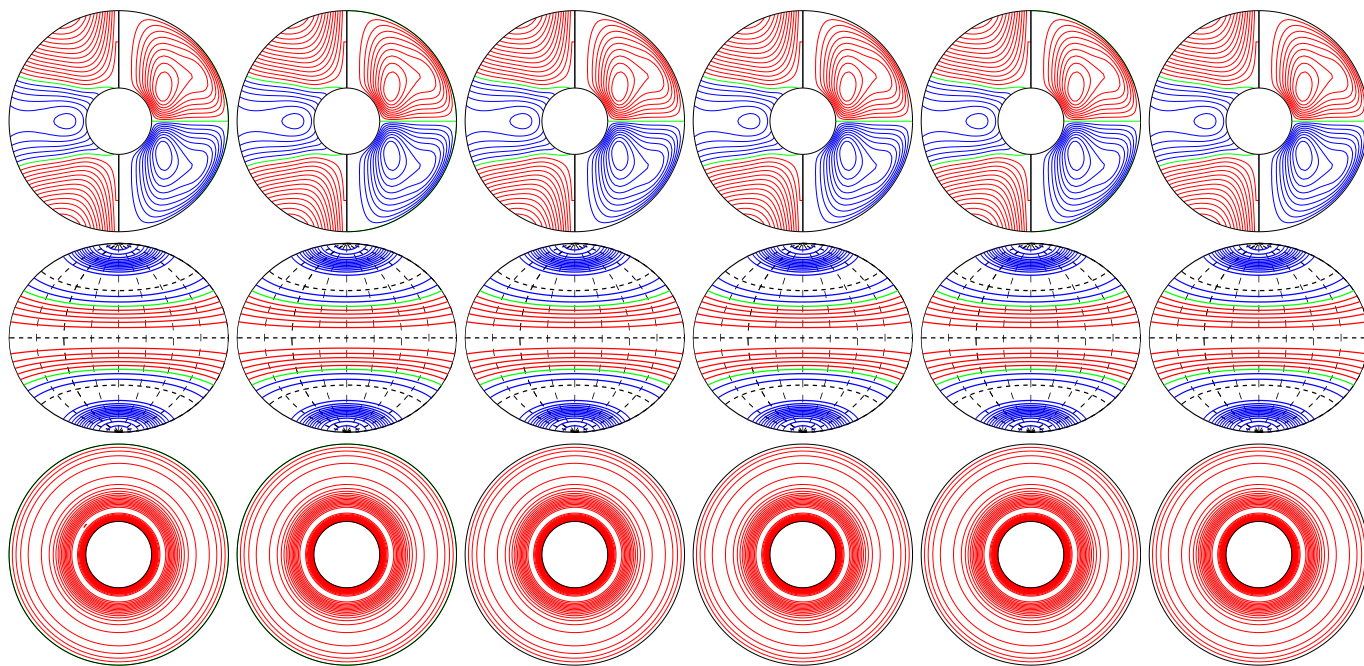
May 18, 2015

times: 0.960048 0.9760488 0.9920496 1.00805 1.024051 1.040052



a.e03p1t05r-10m1n2N1z1.5e5.8
times: 3.040012 3.680013 4.320014 4.960015 0 7.520017

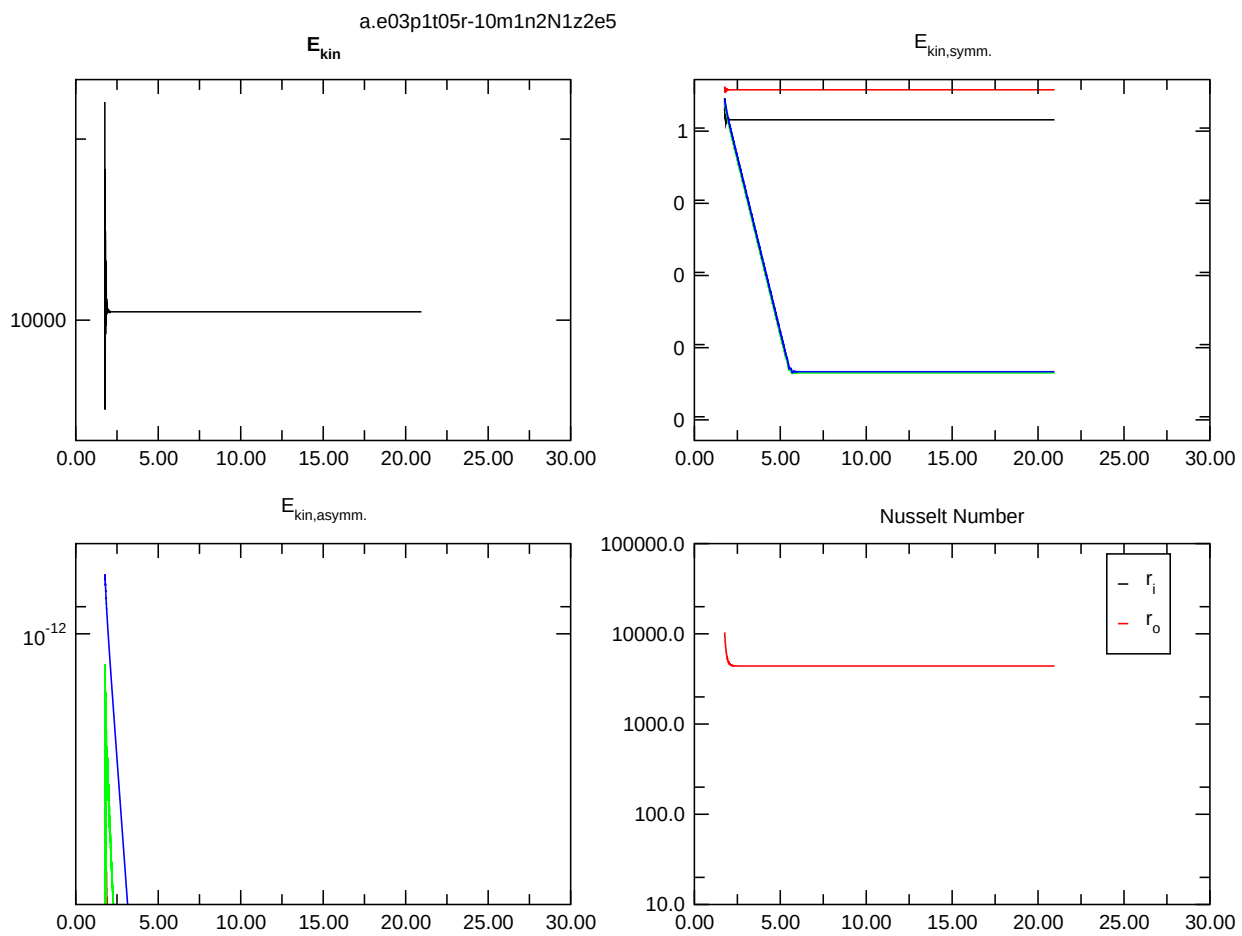
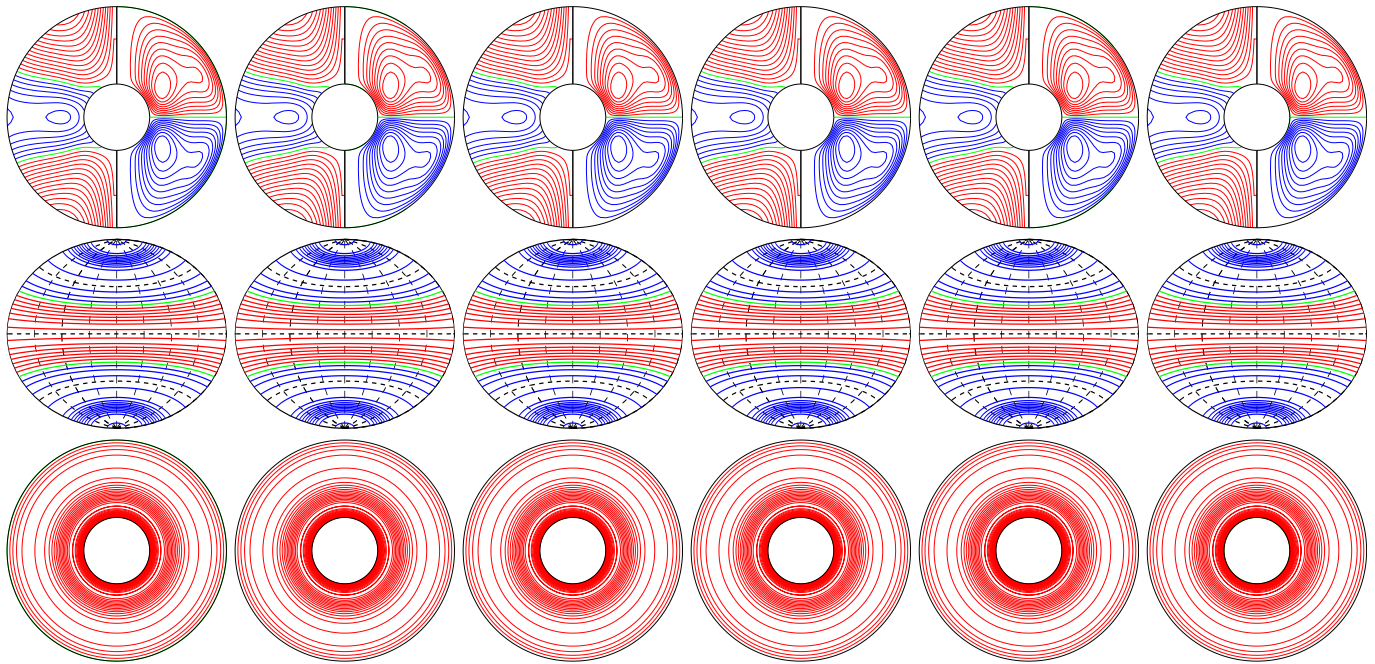
May 18, 2015



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May 18, 2015

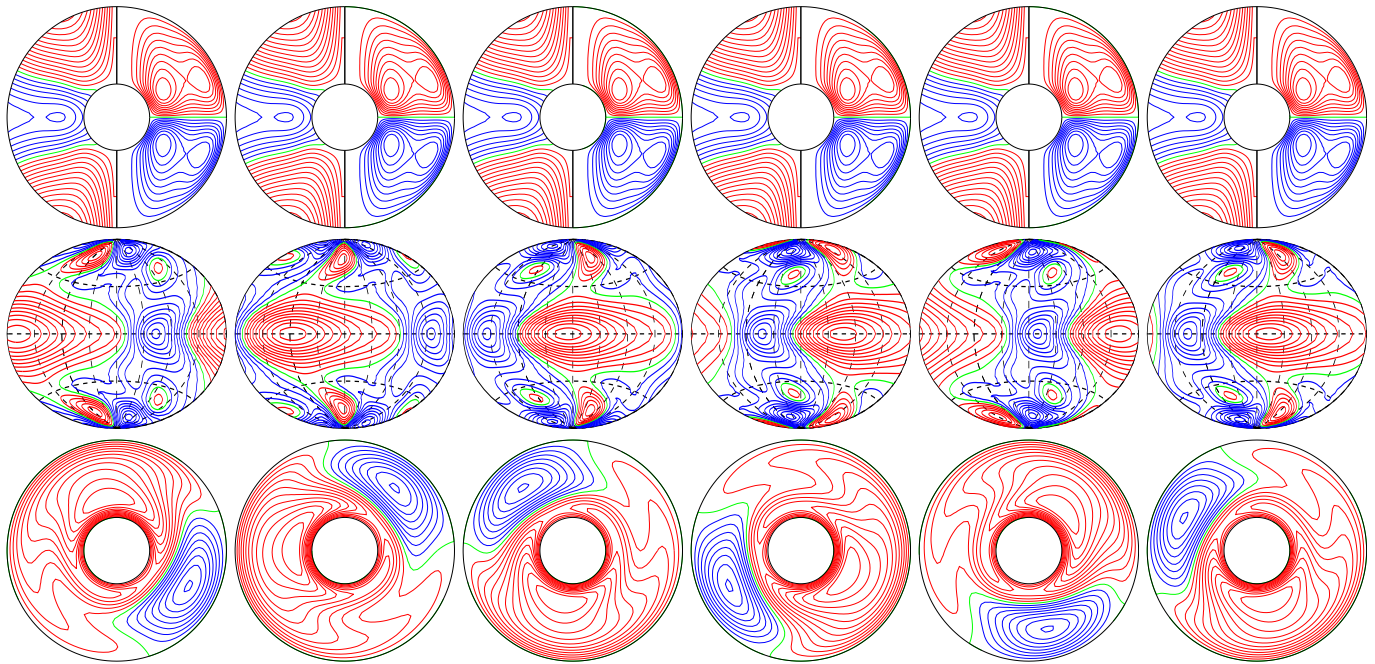
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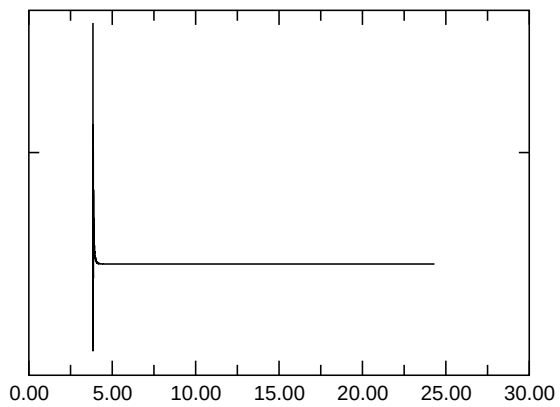
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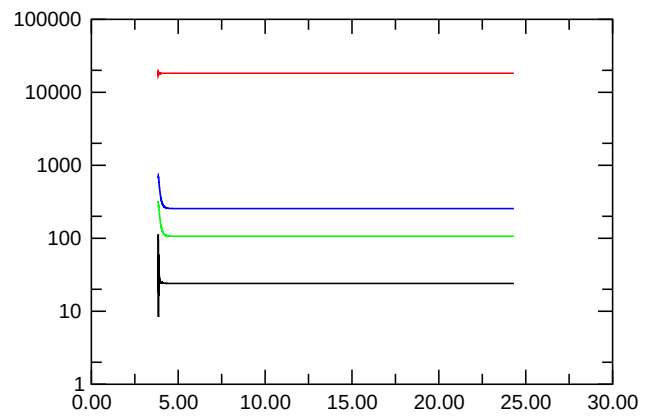


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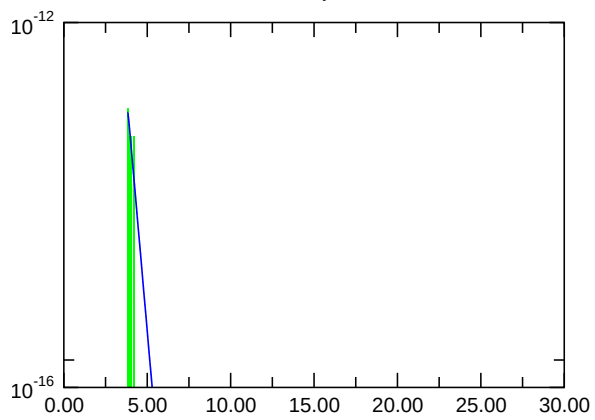
E_{kin}



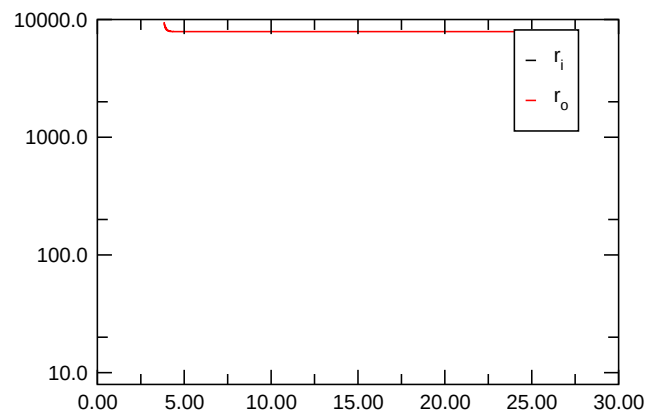
$E_{\text{kin,symm.}}$



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



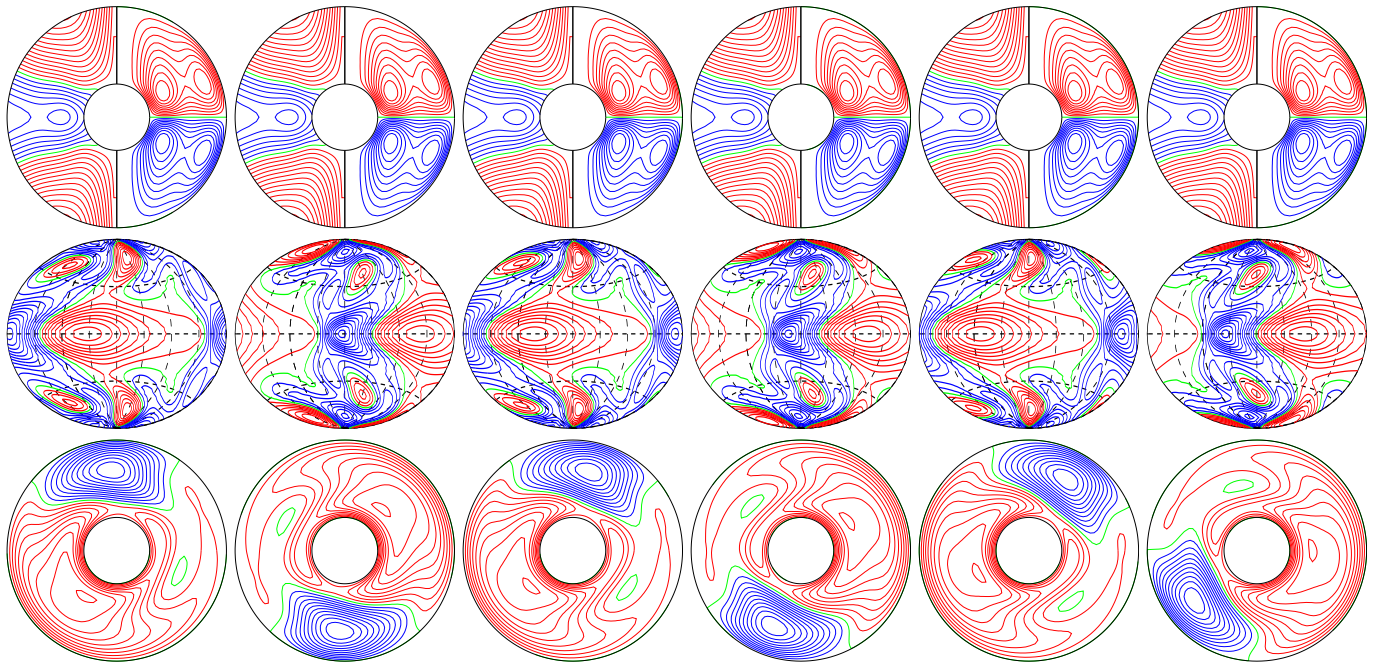
Nusselt Number



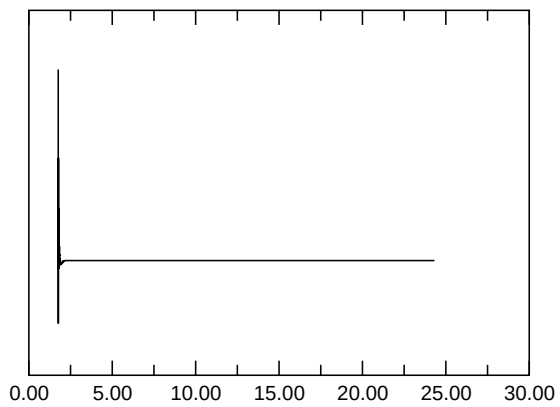
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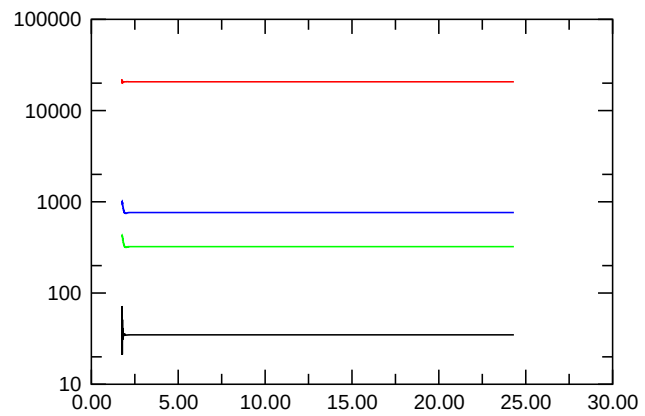
May 18, 2015



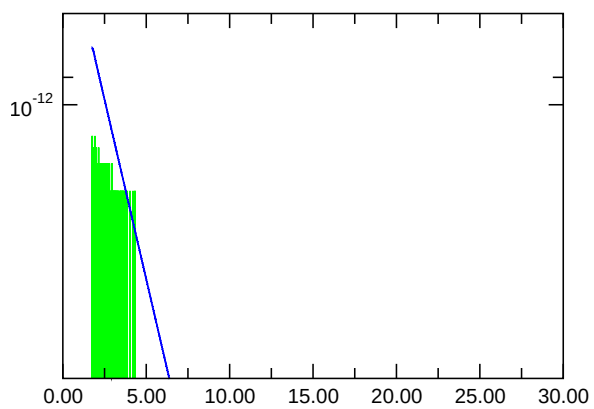
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 E_{kin}



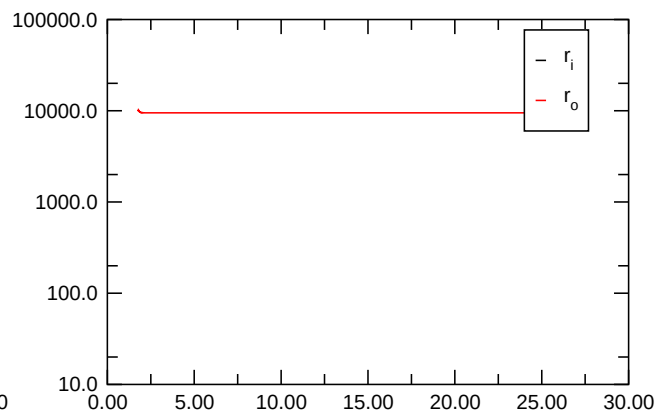
$E_{\text{kin,symm.}}$



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



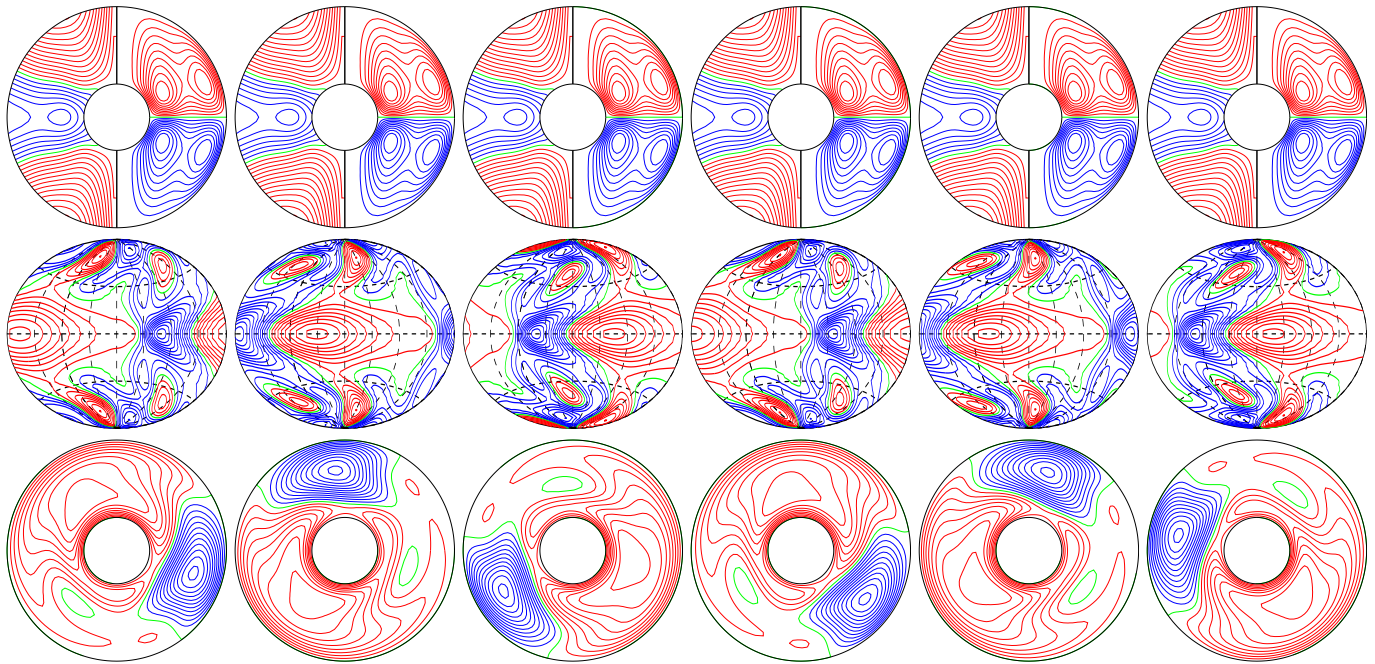
Nusselt Number



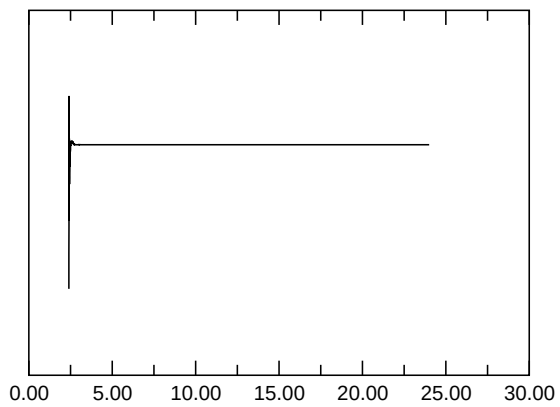
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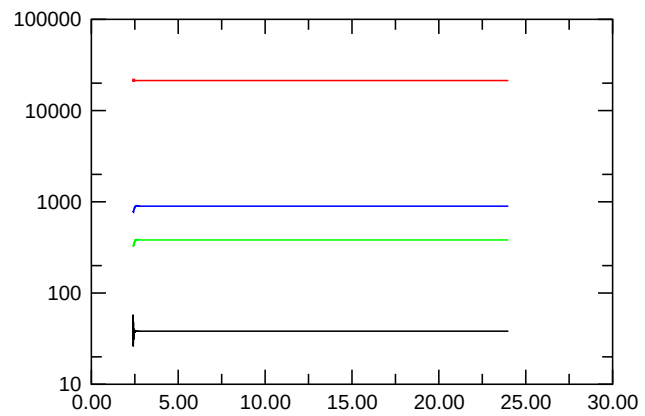
May 18, 2015



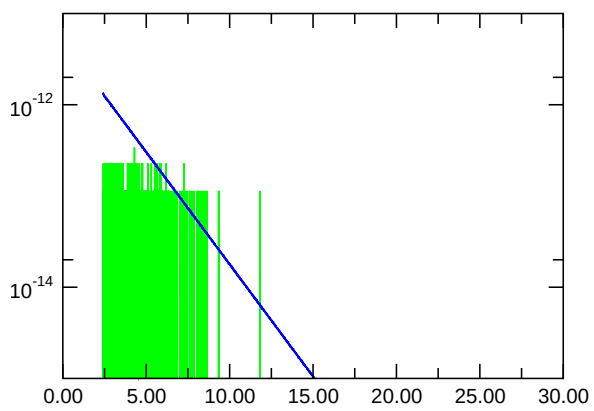
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 E_{kin}



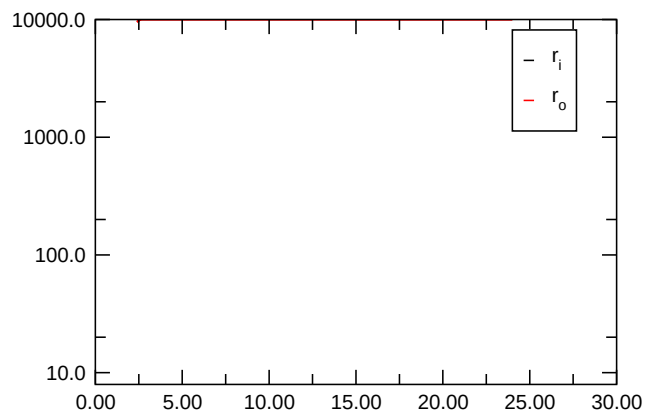
$E_{\text{kin,symm.}}$



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



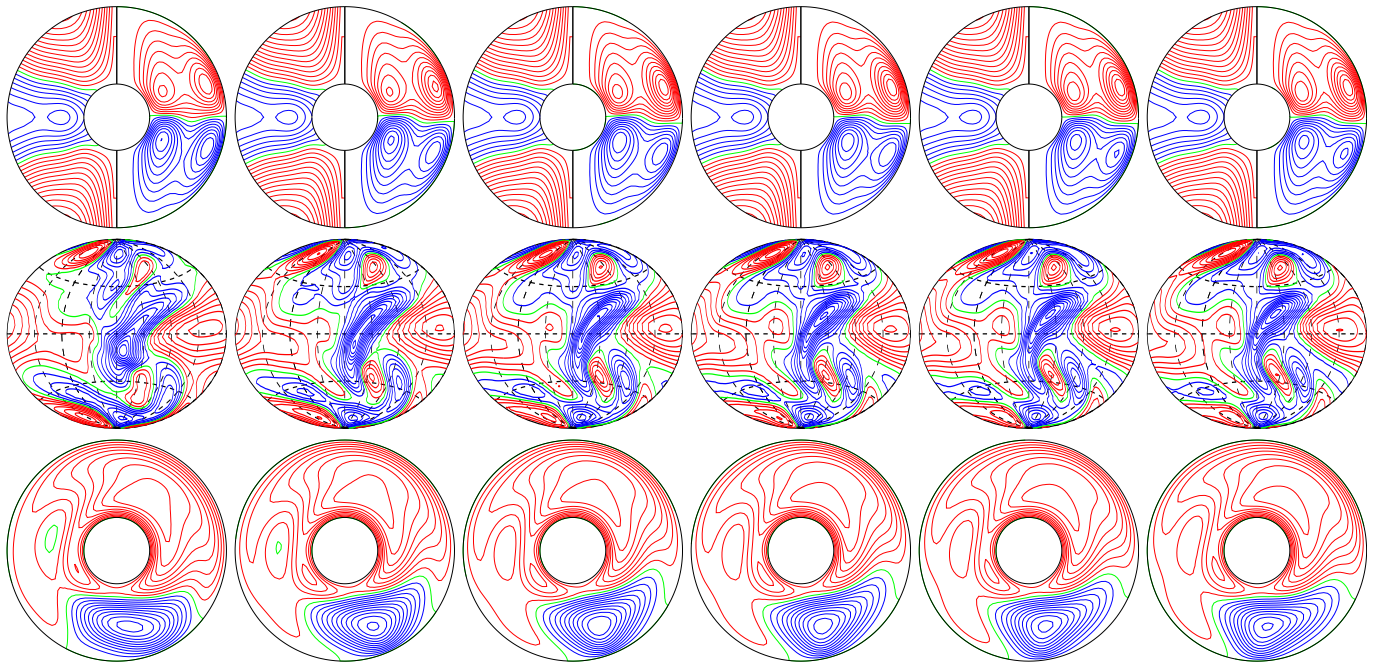
Nusselt Number



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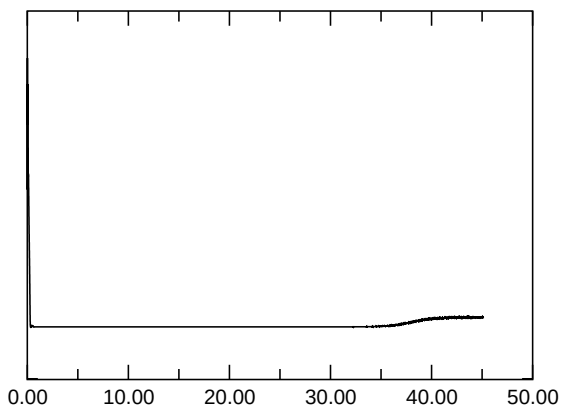
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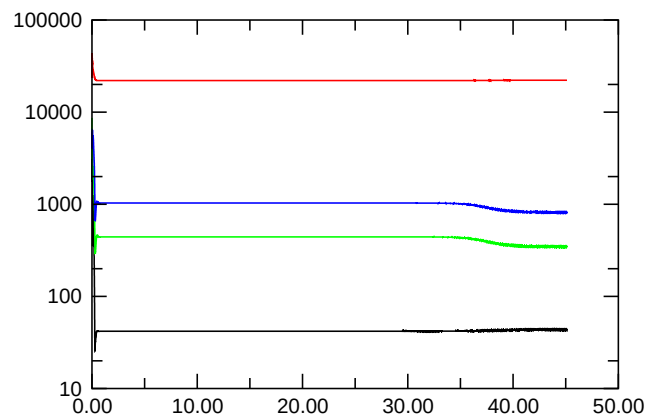


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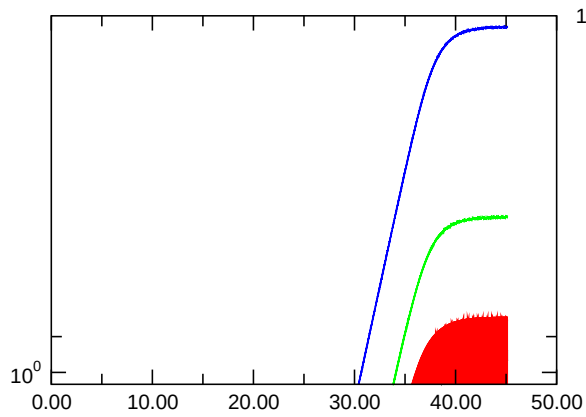
E_{kin}



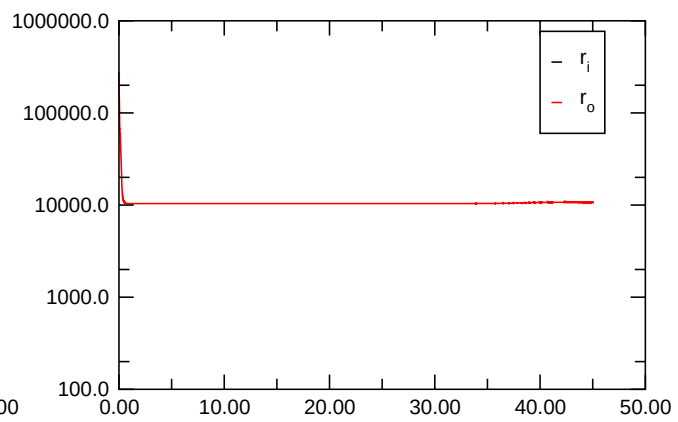
$E_{\text{kin,symm.}}$



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



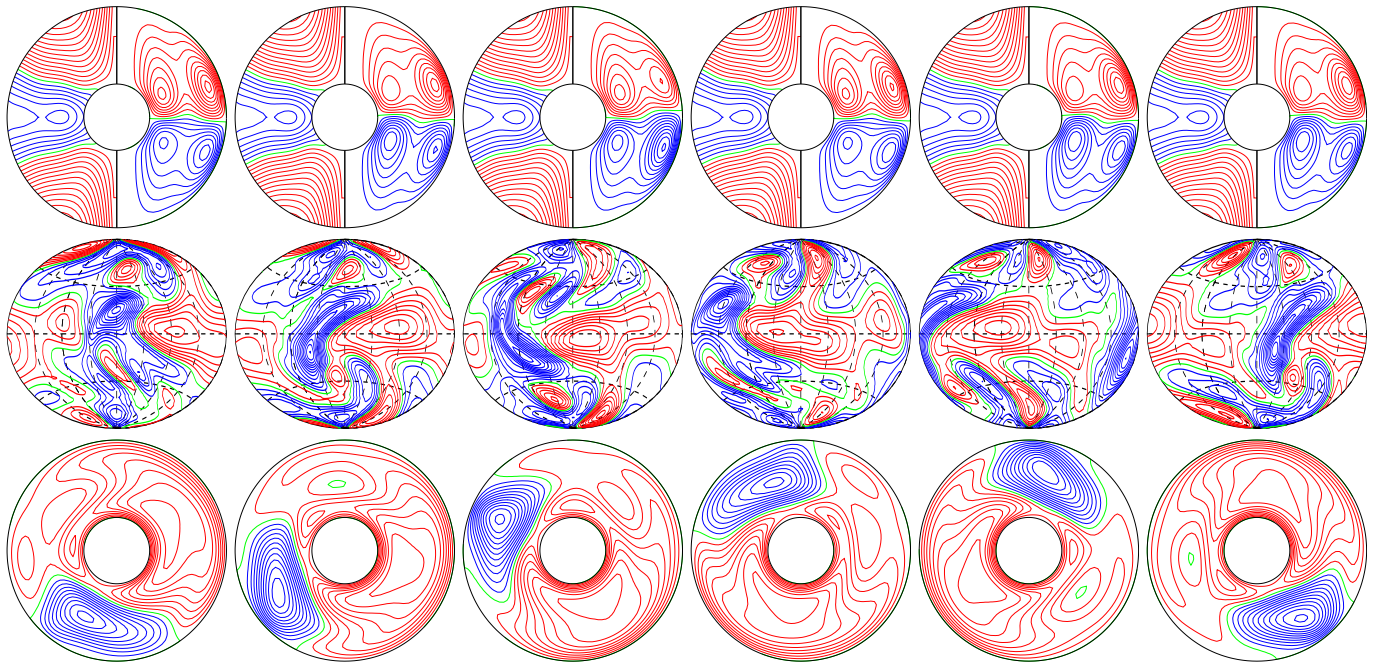
Nusselt Number



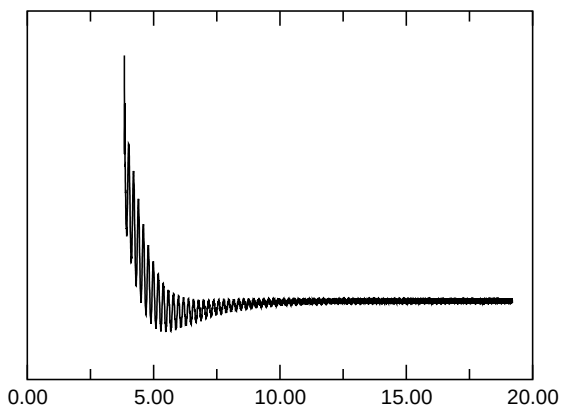
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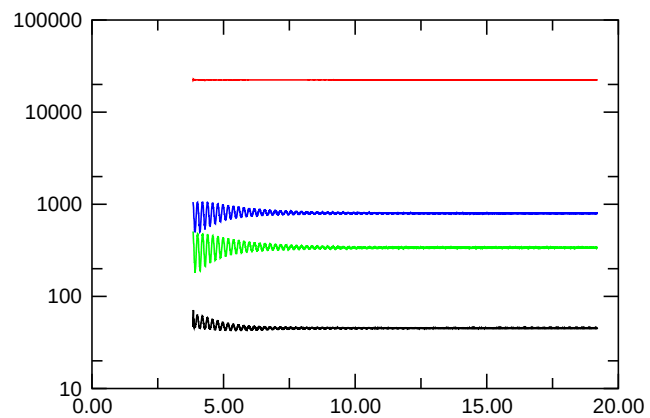
May 18, 2015



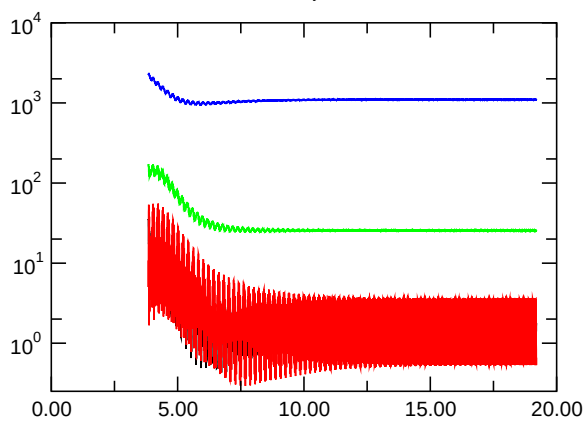
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 E_{kin}



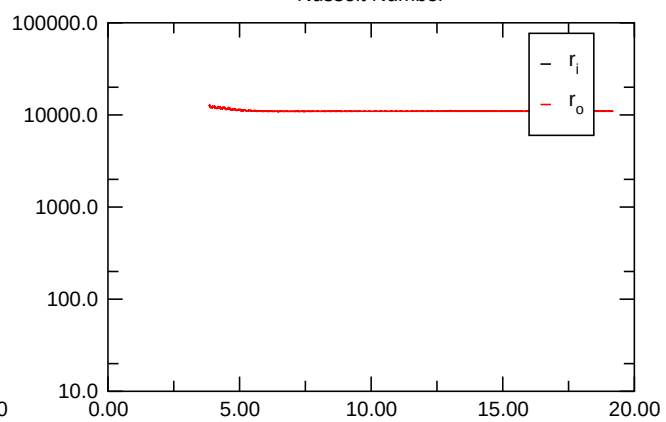
$E_{\text{kin,symm.}}$



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



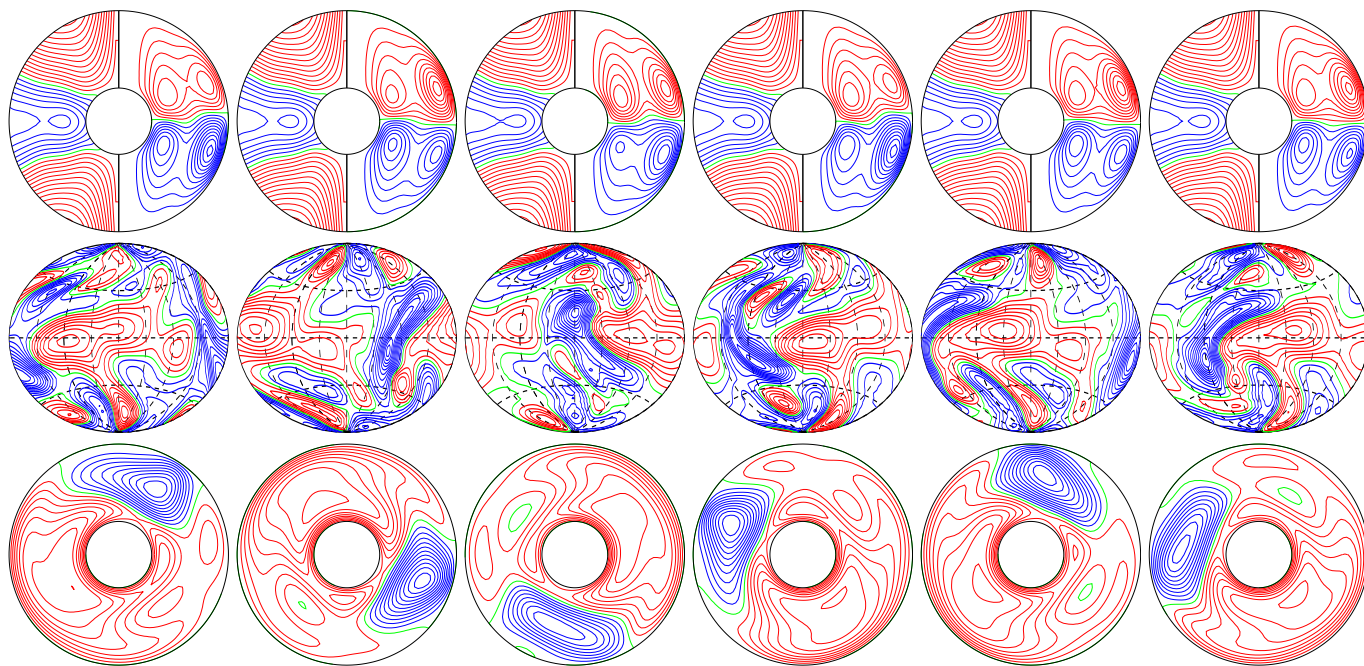
Nusselt Number



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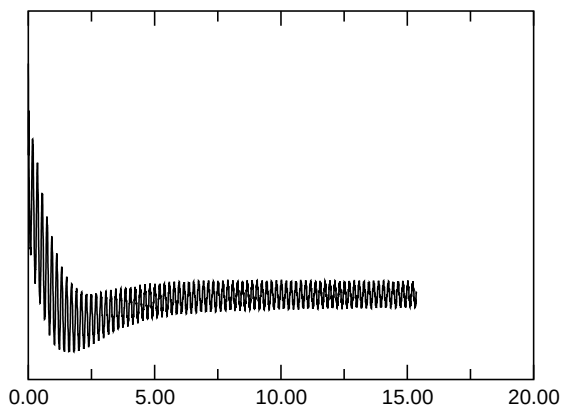
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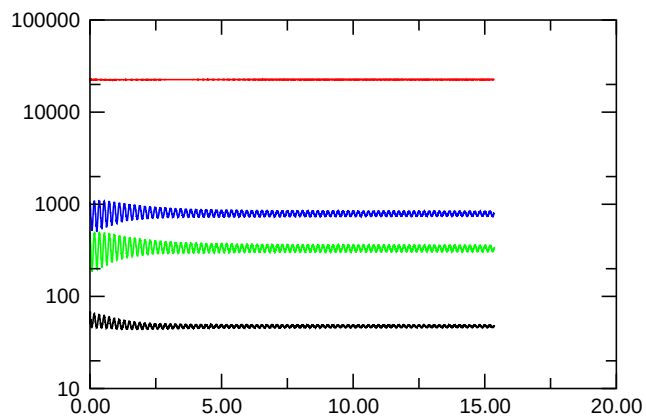


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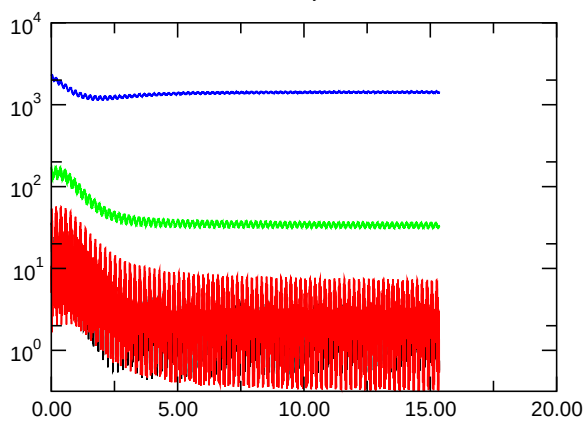
E_{kin}



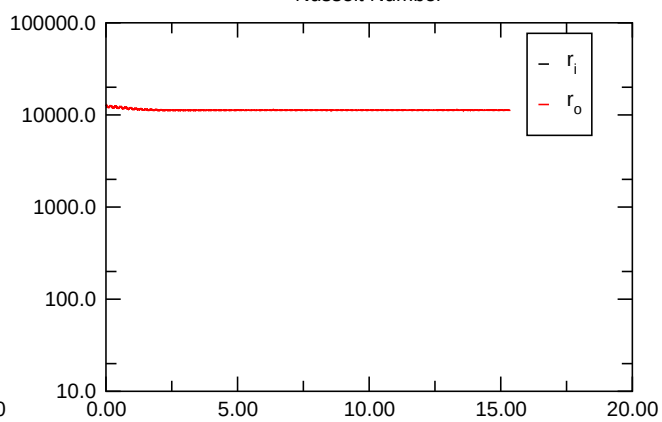
$E_{\text{kin,symm.}}$



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



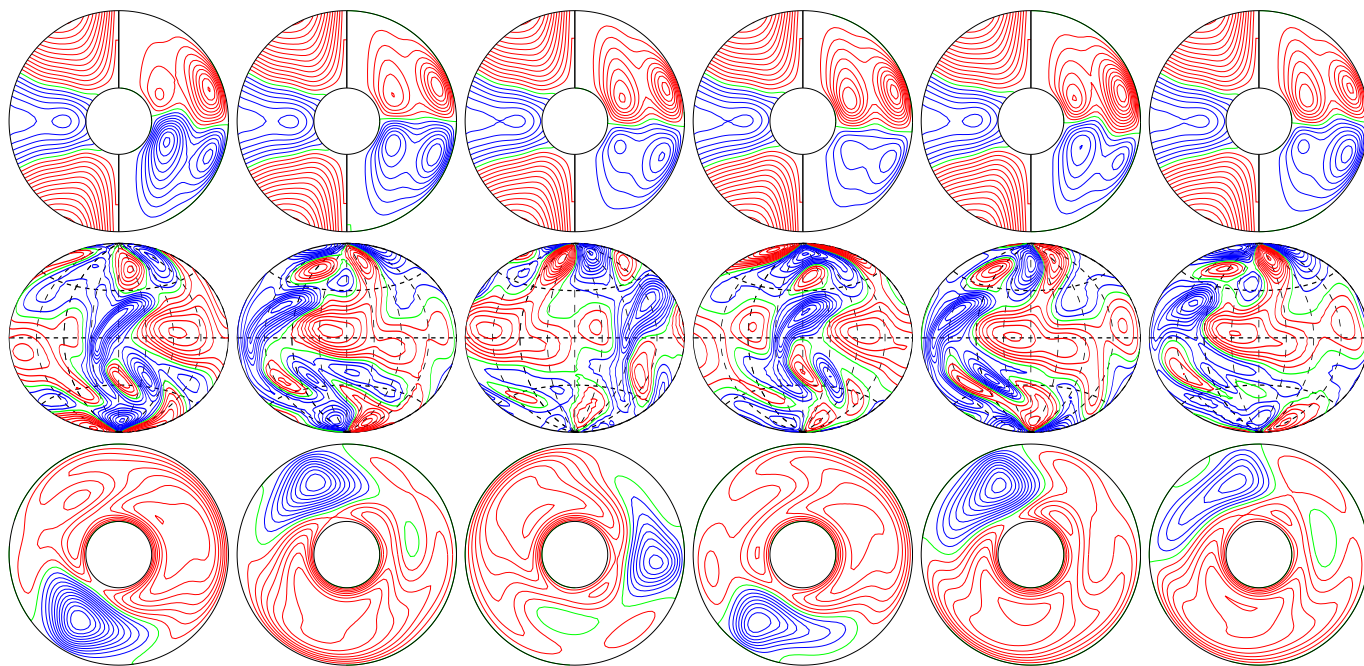
Nusselt Number



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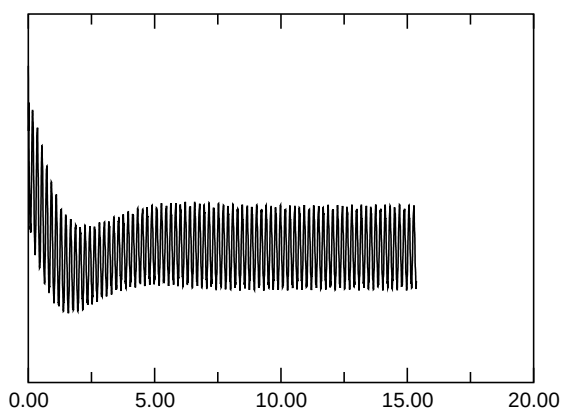
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May 18, 2015

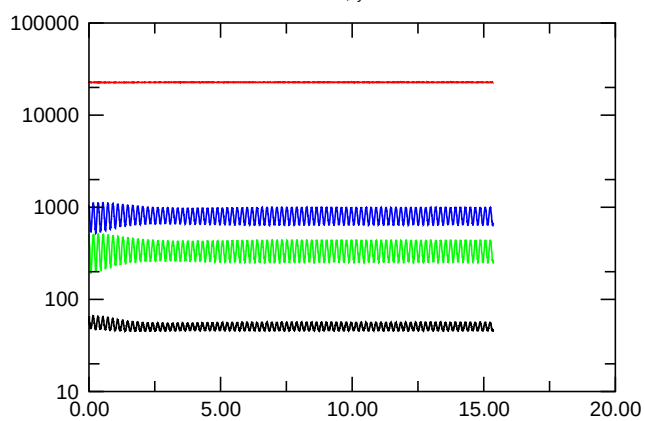


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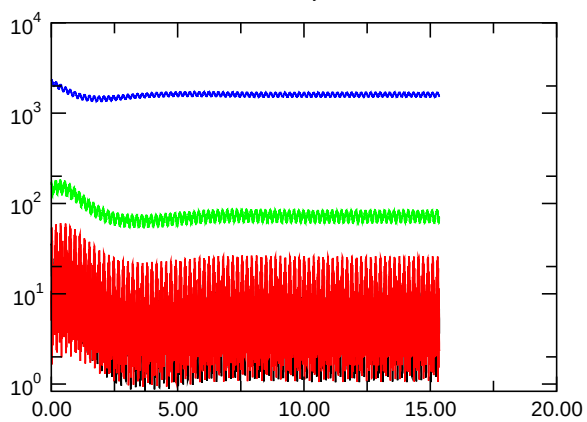
E_{kin}



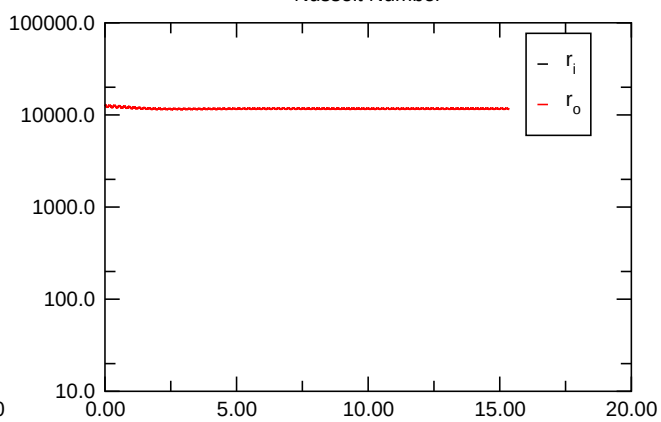
$E_{\text{kin,symm.}}$



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



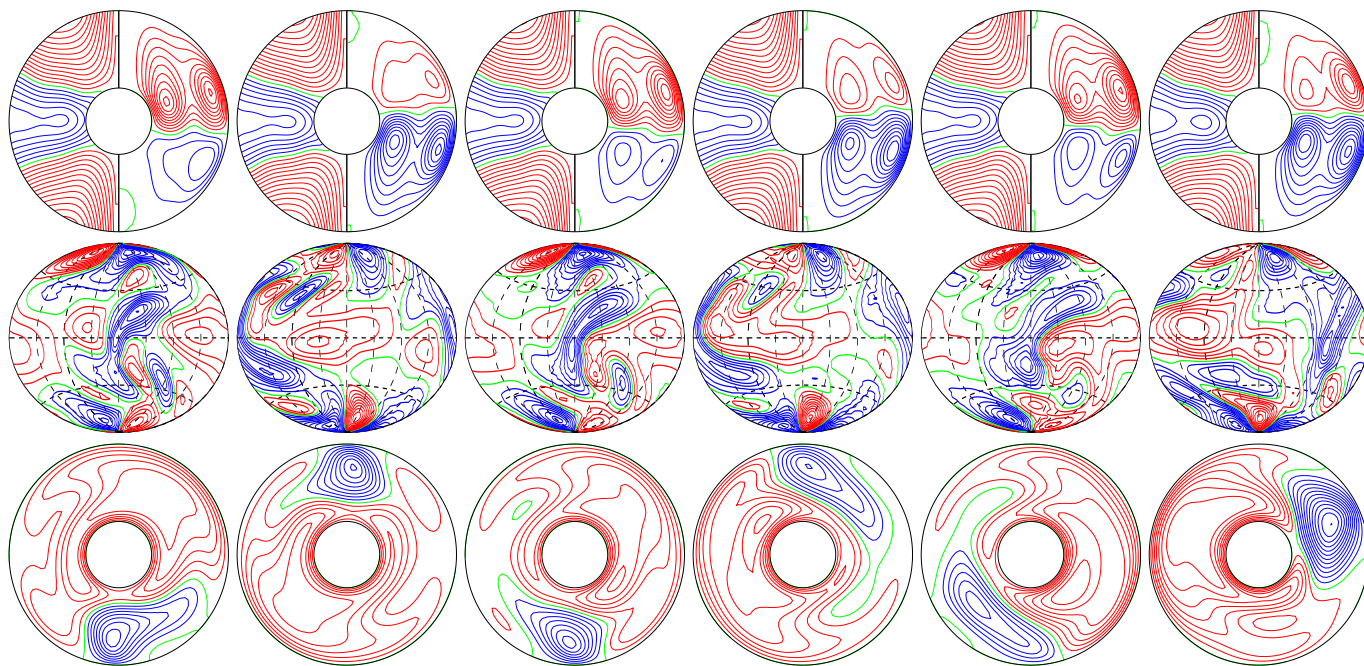
Nusselt Number



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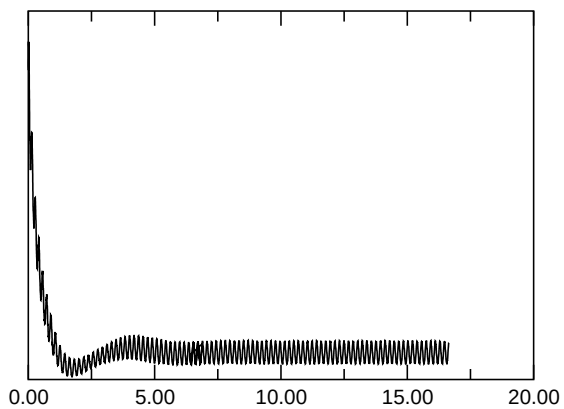
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May 18, 2015

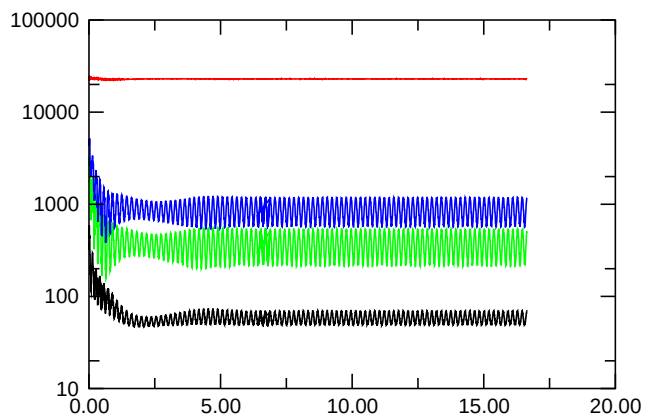


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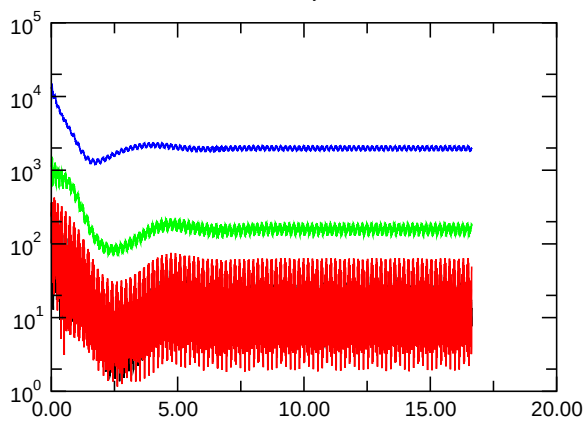
E_{kin}



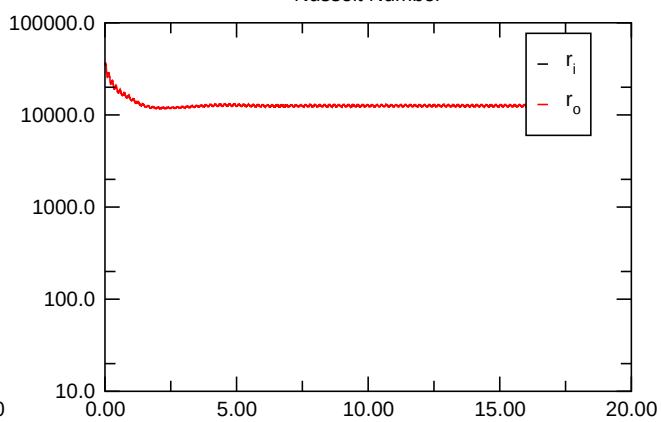
$E_{\text{kin,symm.}}$



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



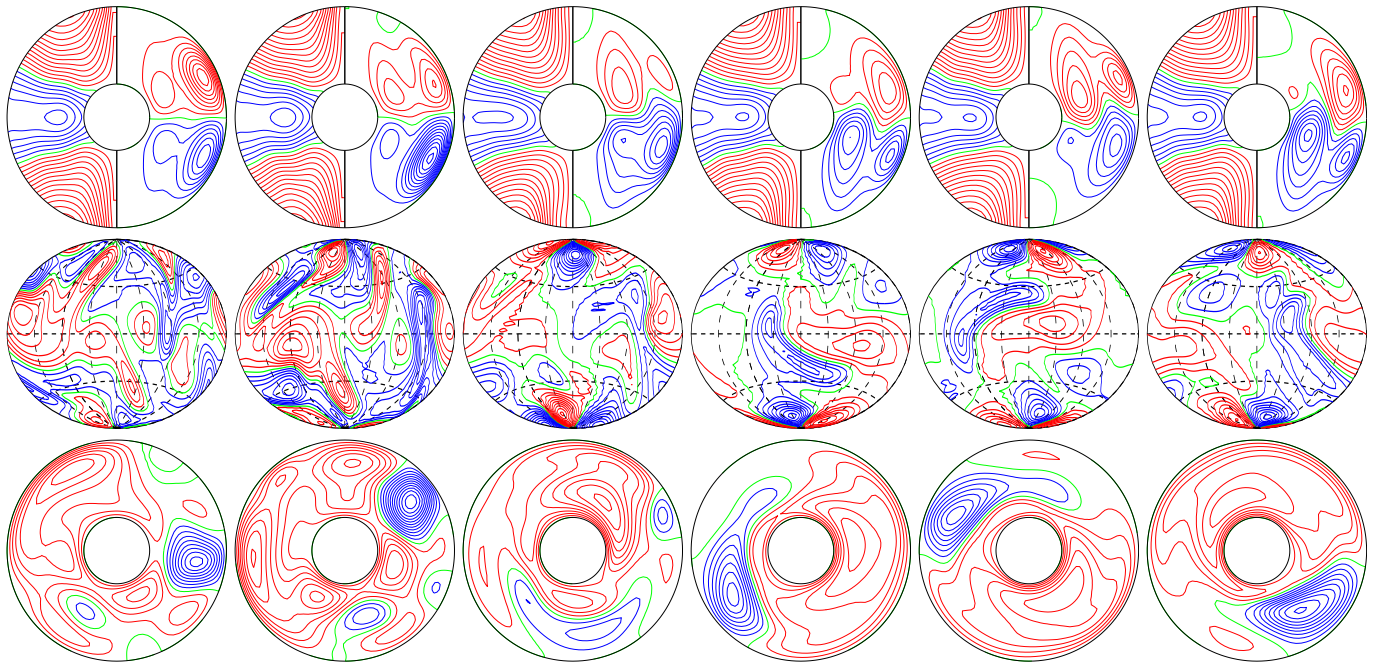
Nusselt Number



a.e03p1t05r-10m1n2N1z3.1e5.24

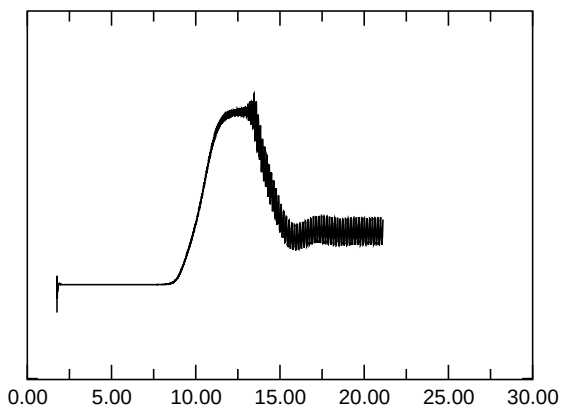
times: 10.88002 12.16002 14.72002 16.00002 17.28002 21.12002

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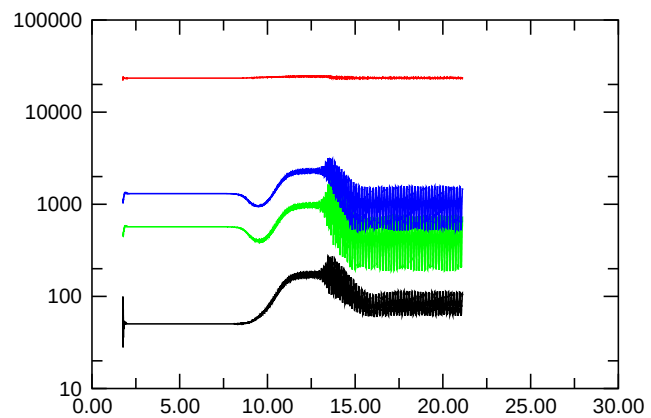


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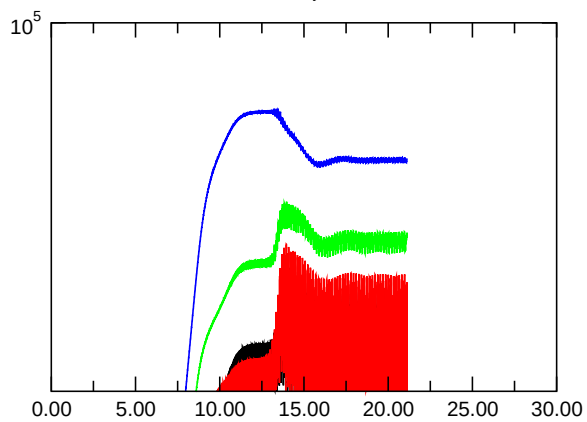
E_{kin}



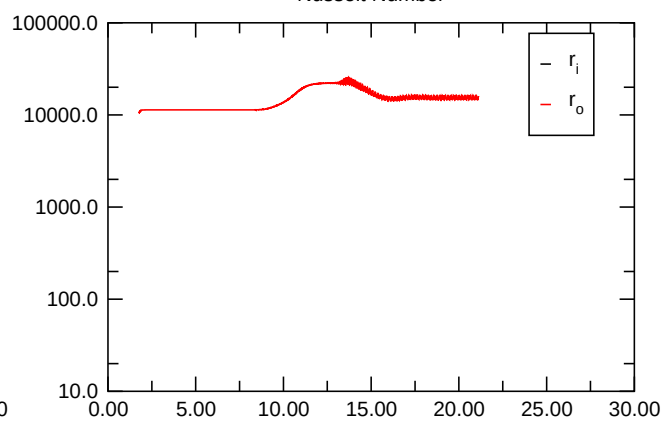
$E_{\text{kin,symm.}}$



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



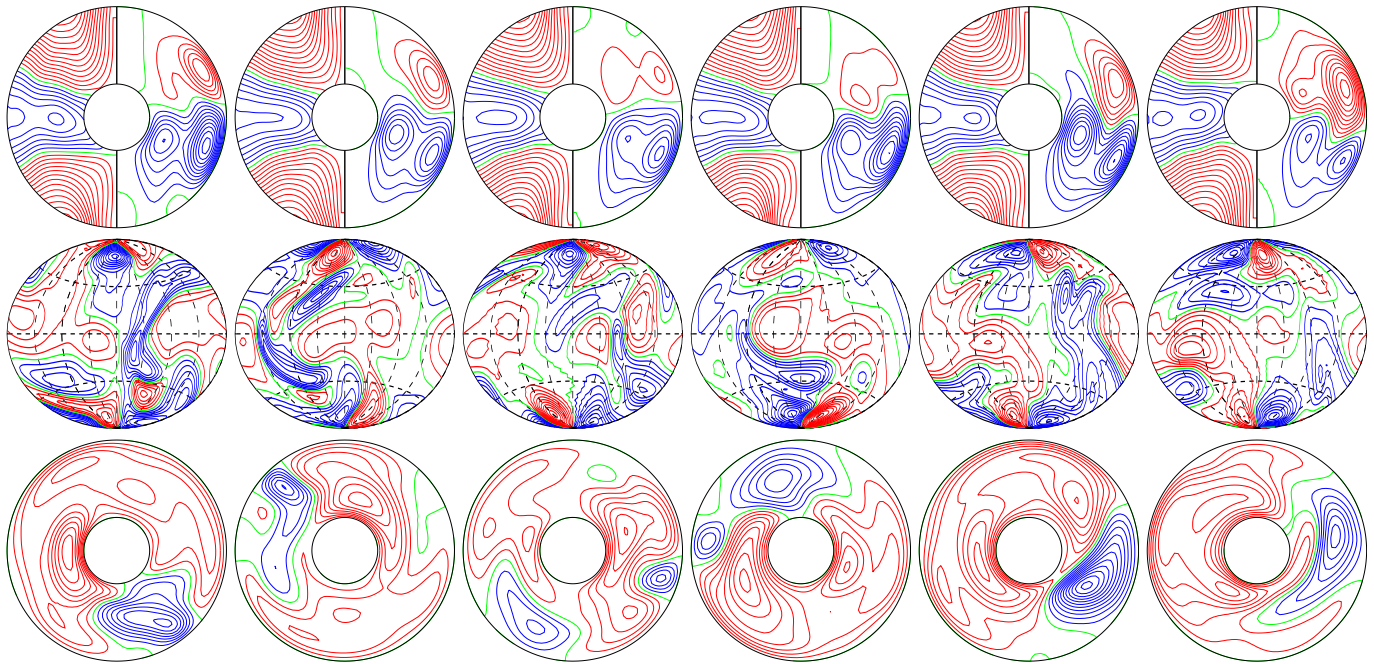
Nusselt Number



a.e03p1t05r-10m1n2N1z3.12e5.17

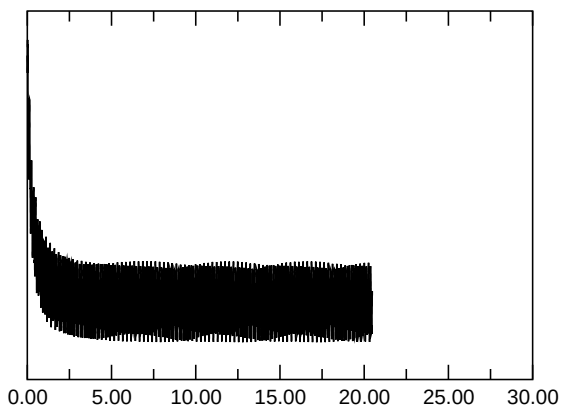
times: 10.24001 11.52001 12.80001 14.08001 15.36001 20.48001

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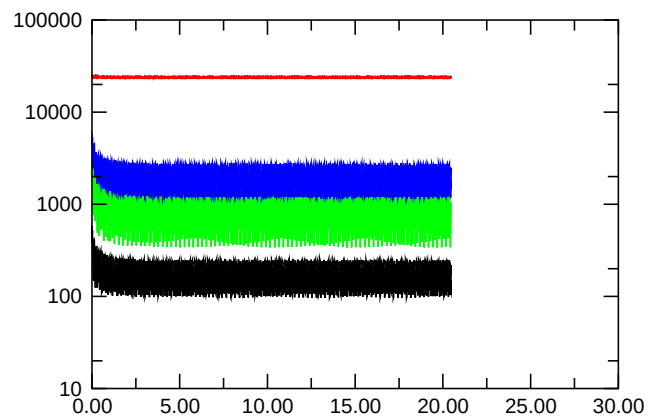


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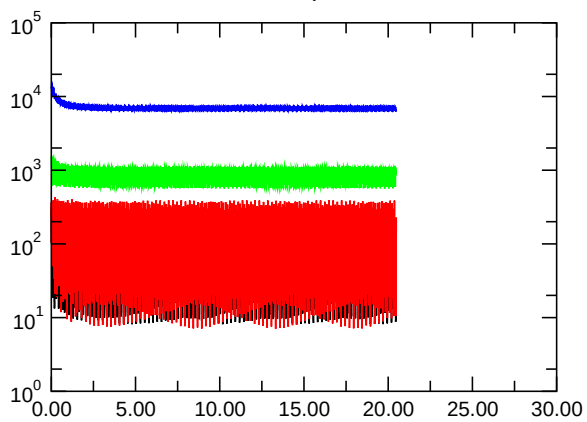
E_{kin}



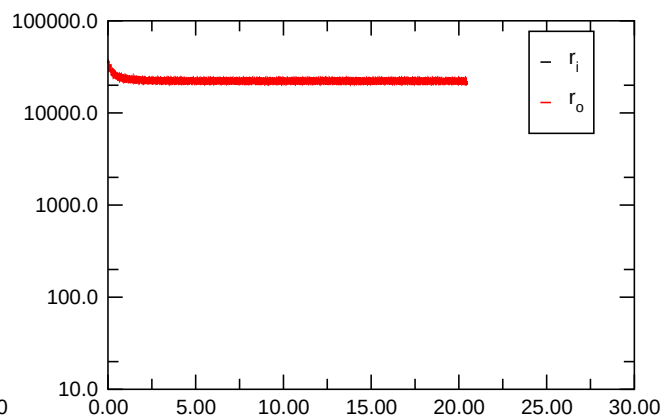
$E_{\text{kin,symm.}}$



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



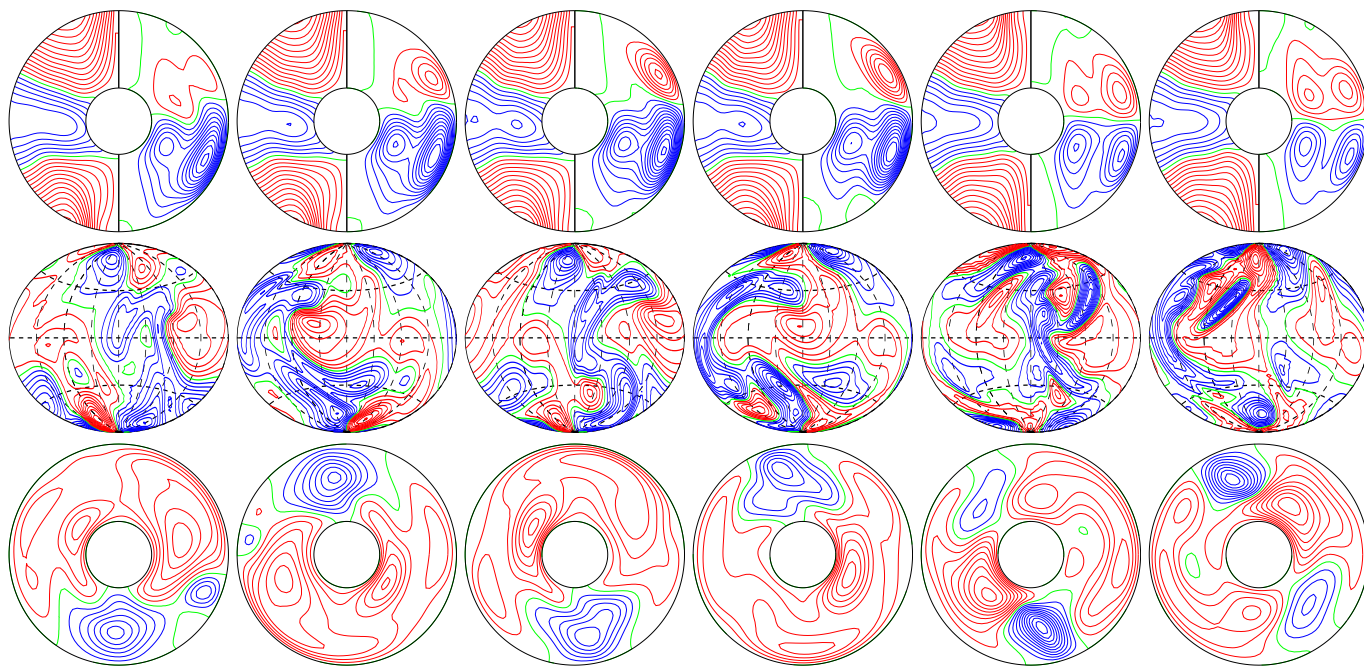
Nusselt Number



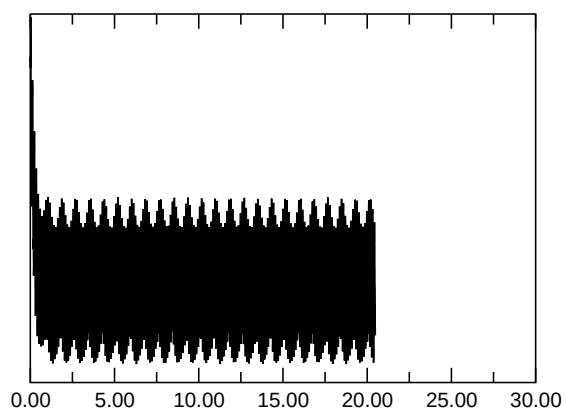
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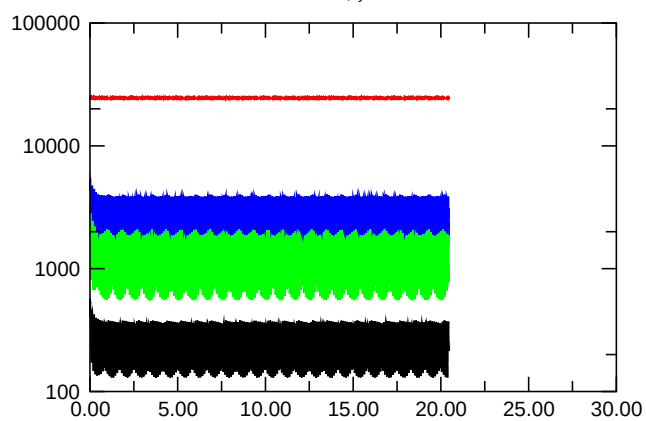
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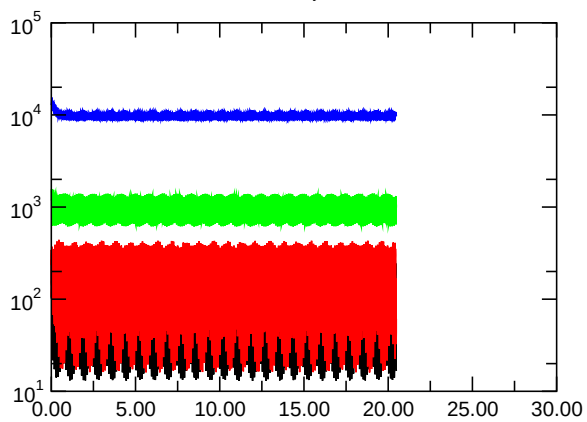
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 E_{kin}



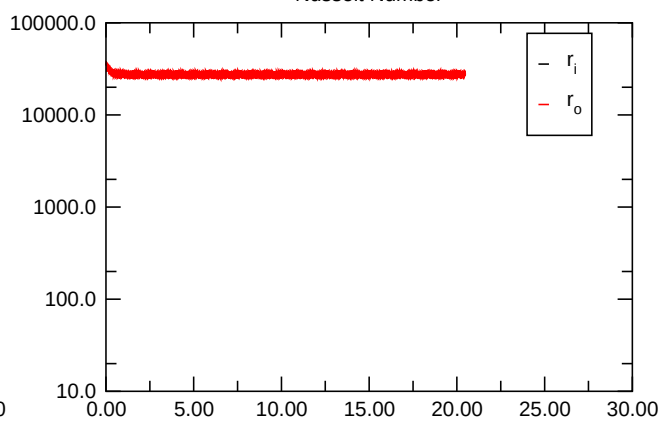
$E_{\text{kin,symm.}}$



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

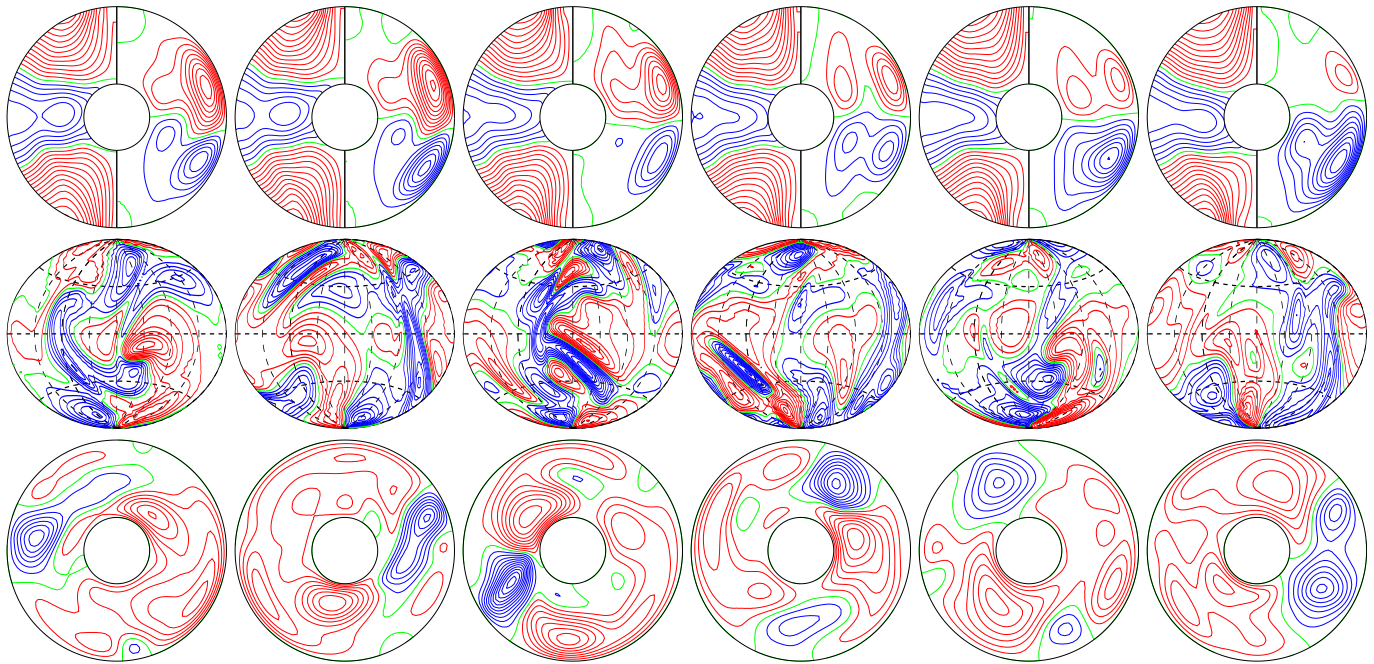


Nusselt Number

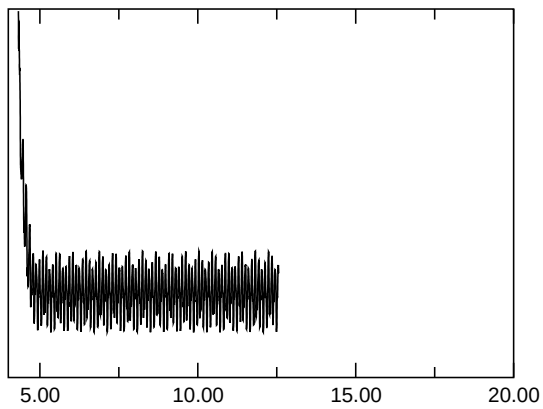


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times: 0 6.880016 8.160017 9.440018 10.72002 12.00002

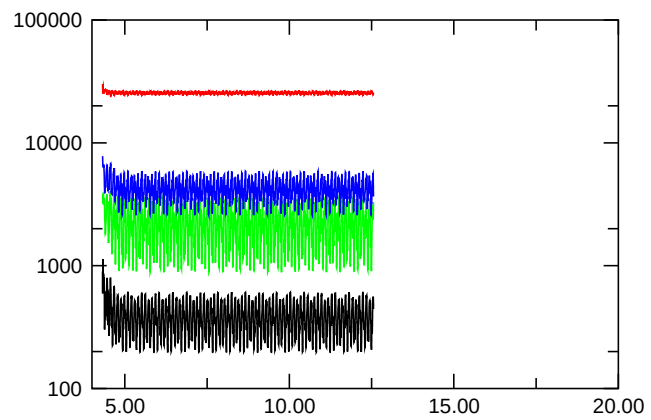
May 18, 2015



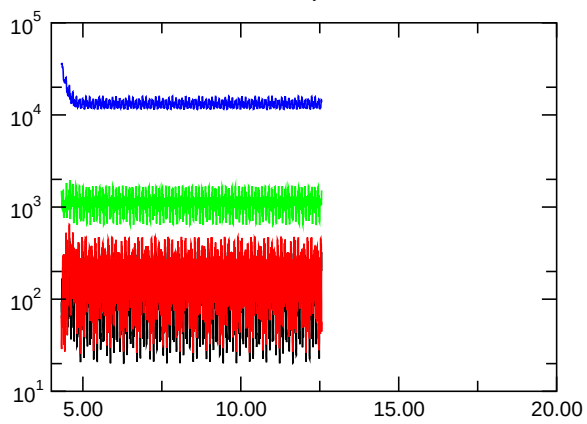
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 E_{kin}



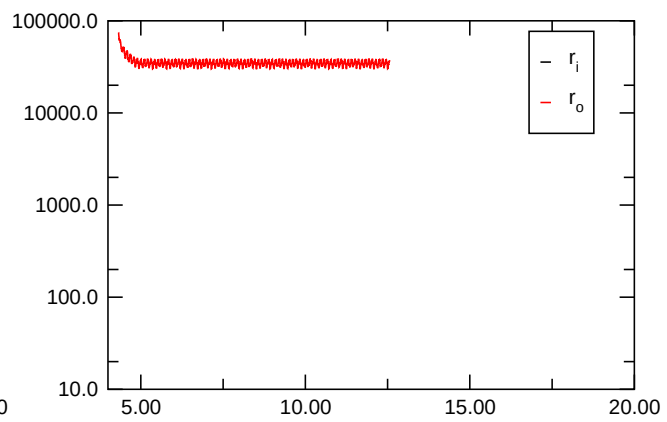
$E_{\text{kin,symm.}}$



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



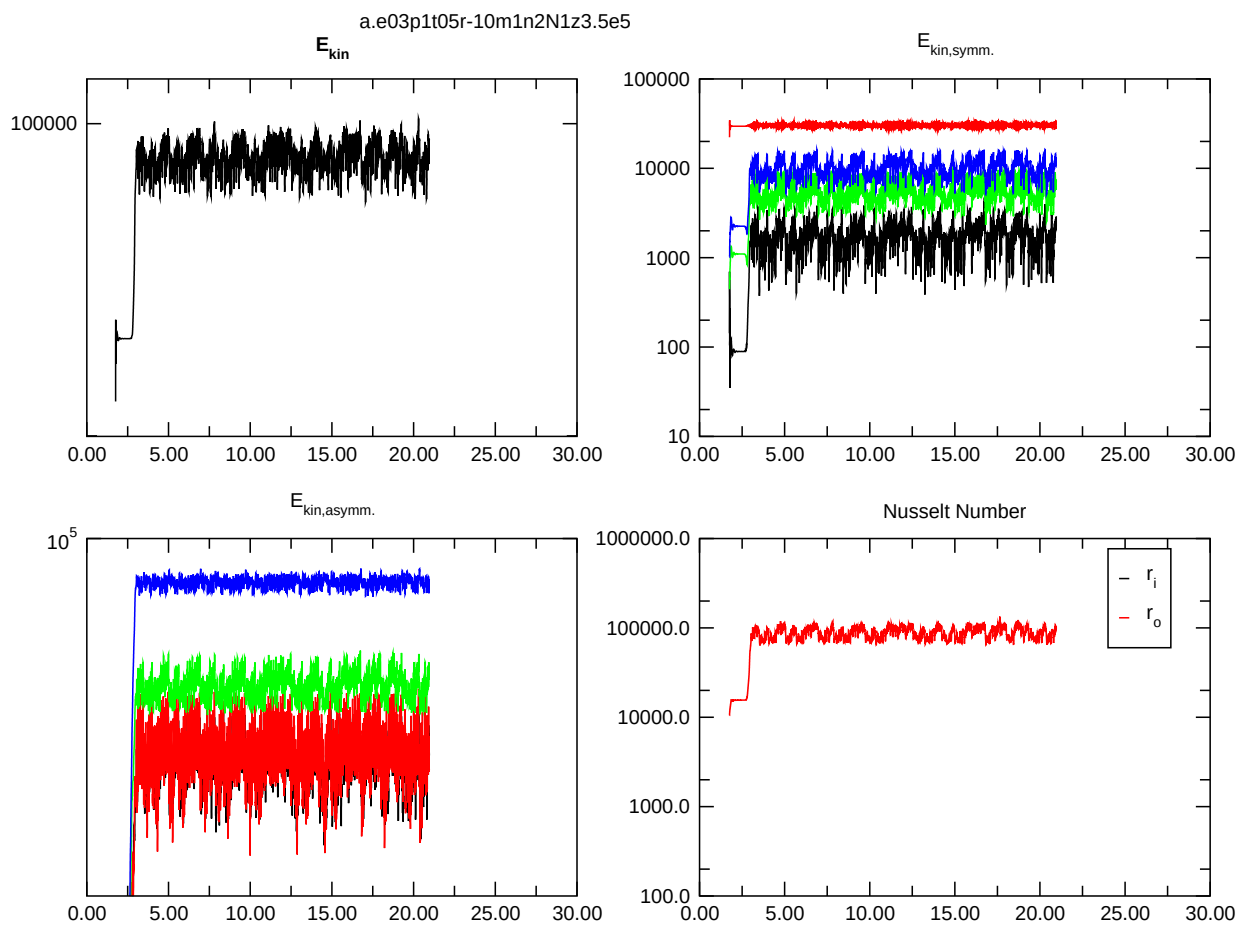
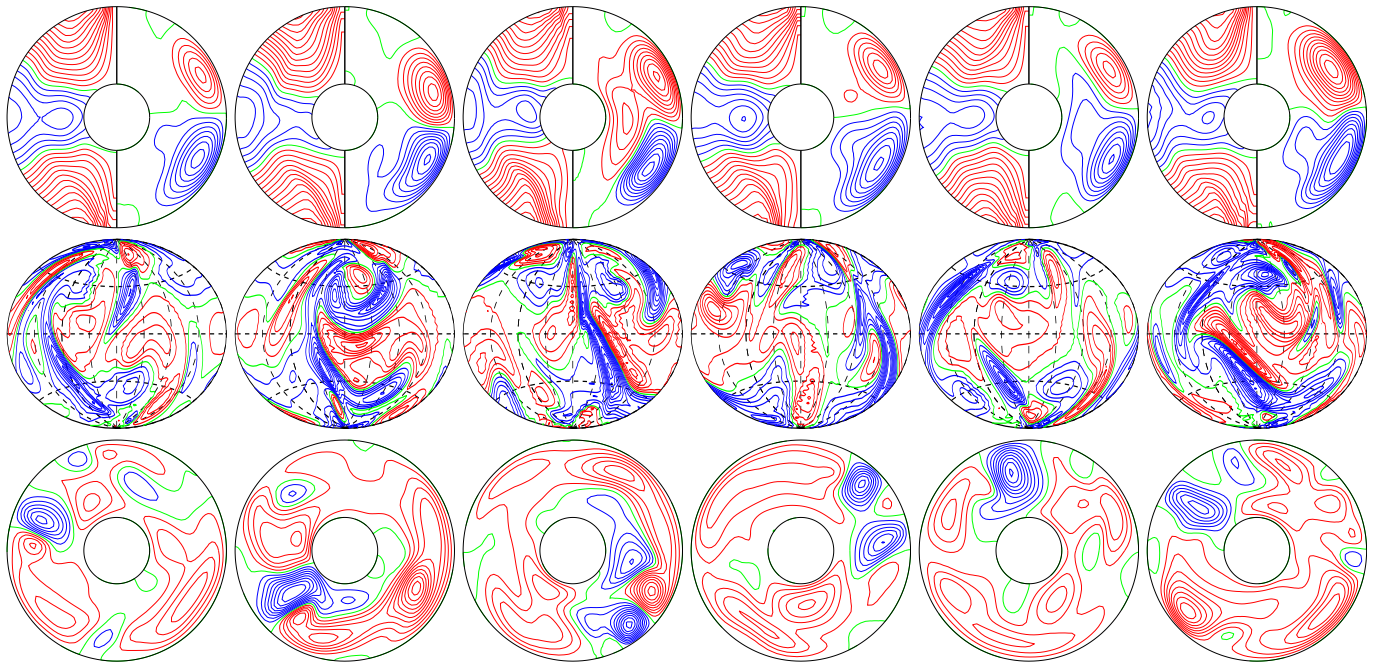
Nusselt Number



a.e03p1t05r-10m1n2N1z3.5e5.19

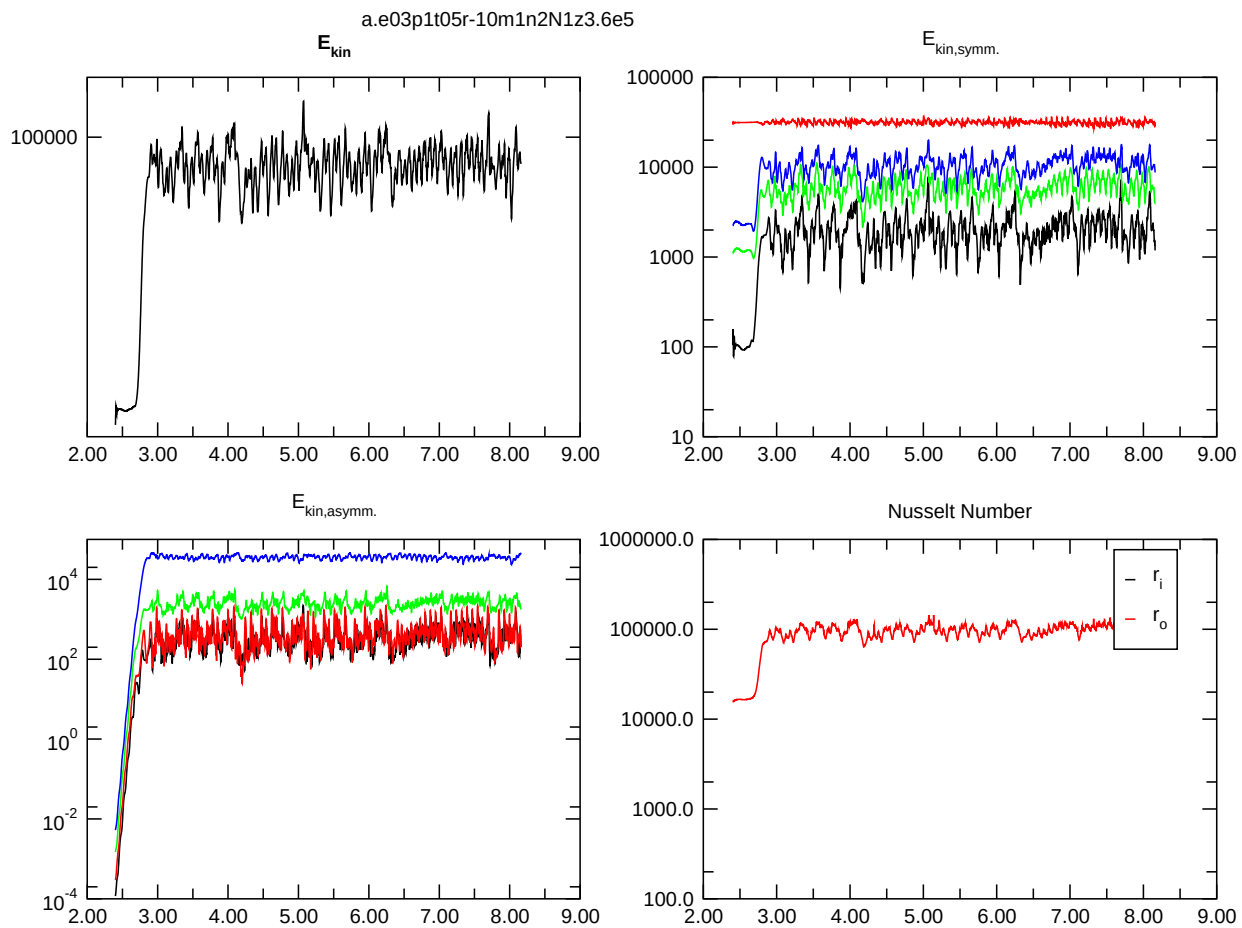
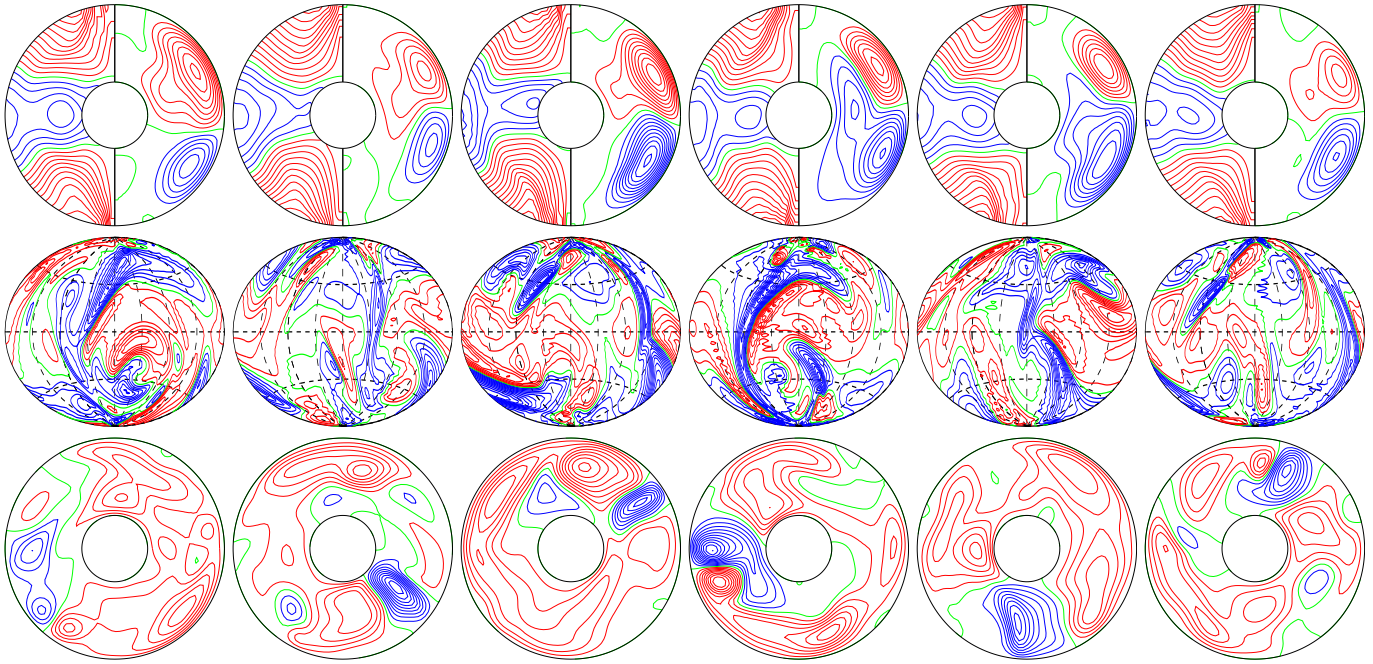
times: 14.56002 15.84002 17.12002 18.40002 19.68002 20.96002

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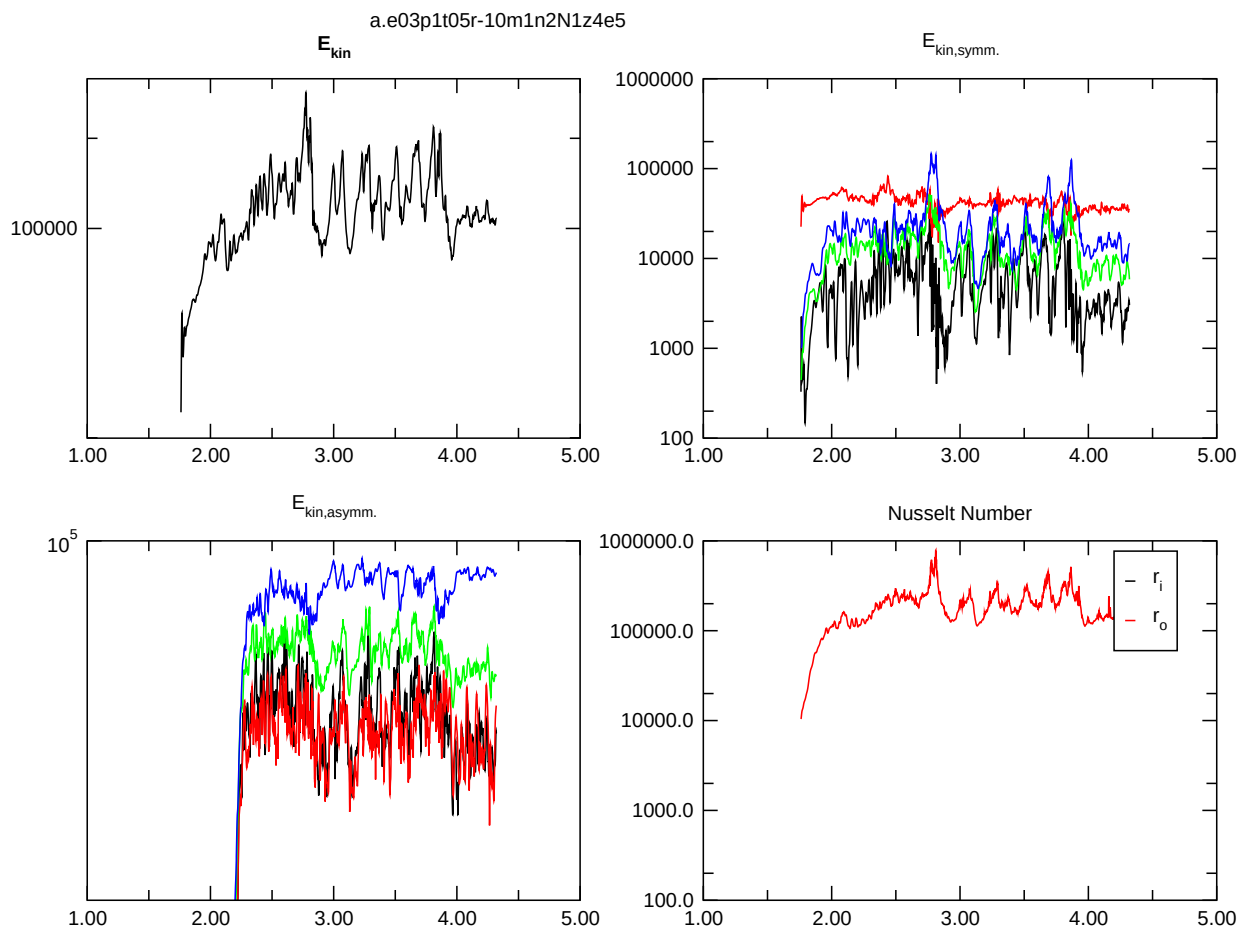
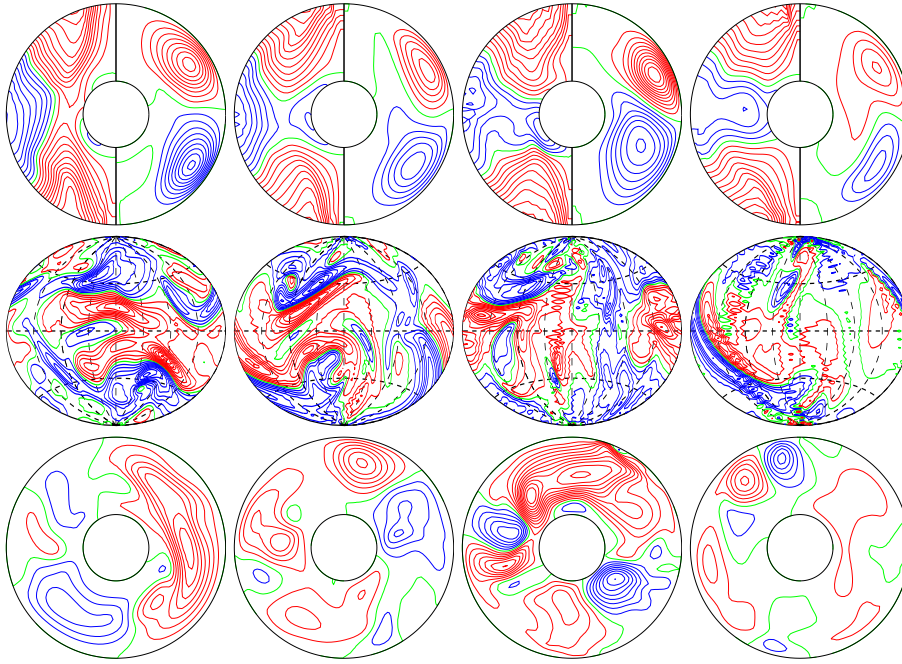
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times: 4.960015 5.600016 6.240017 6.880018 7.520019 0

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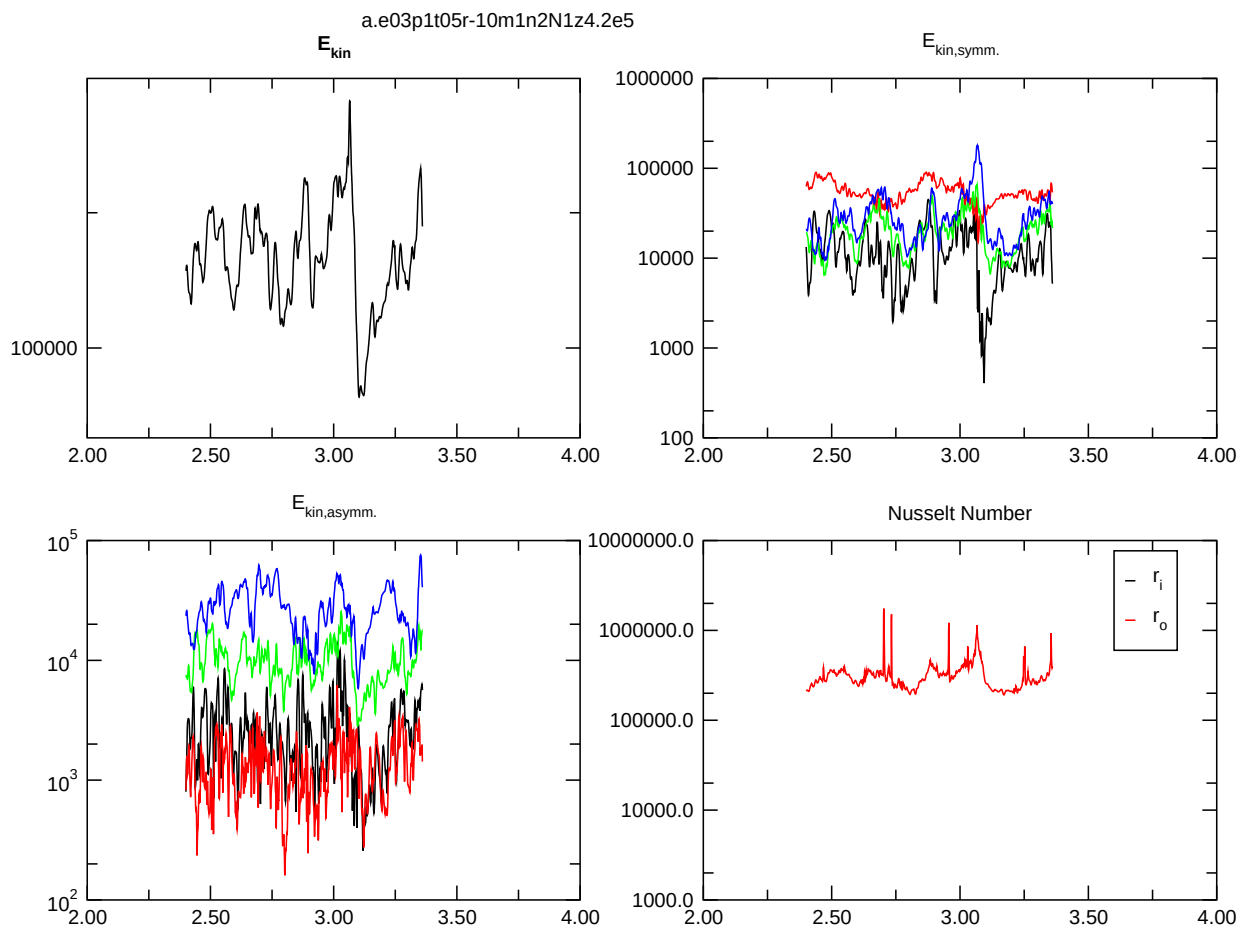
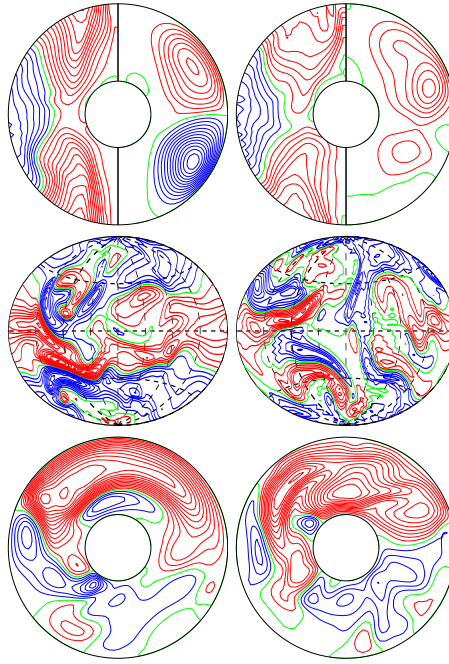
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times: 2.400011 3.040012 3.680013 4.320014

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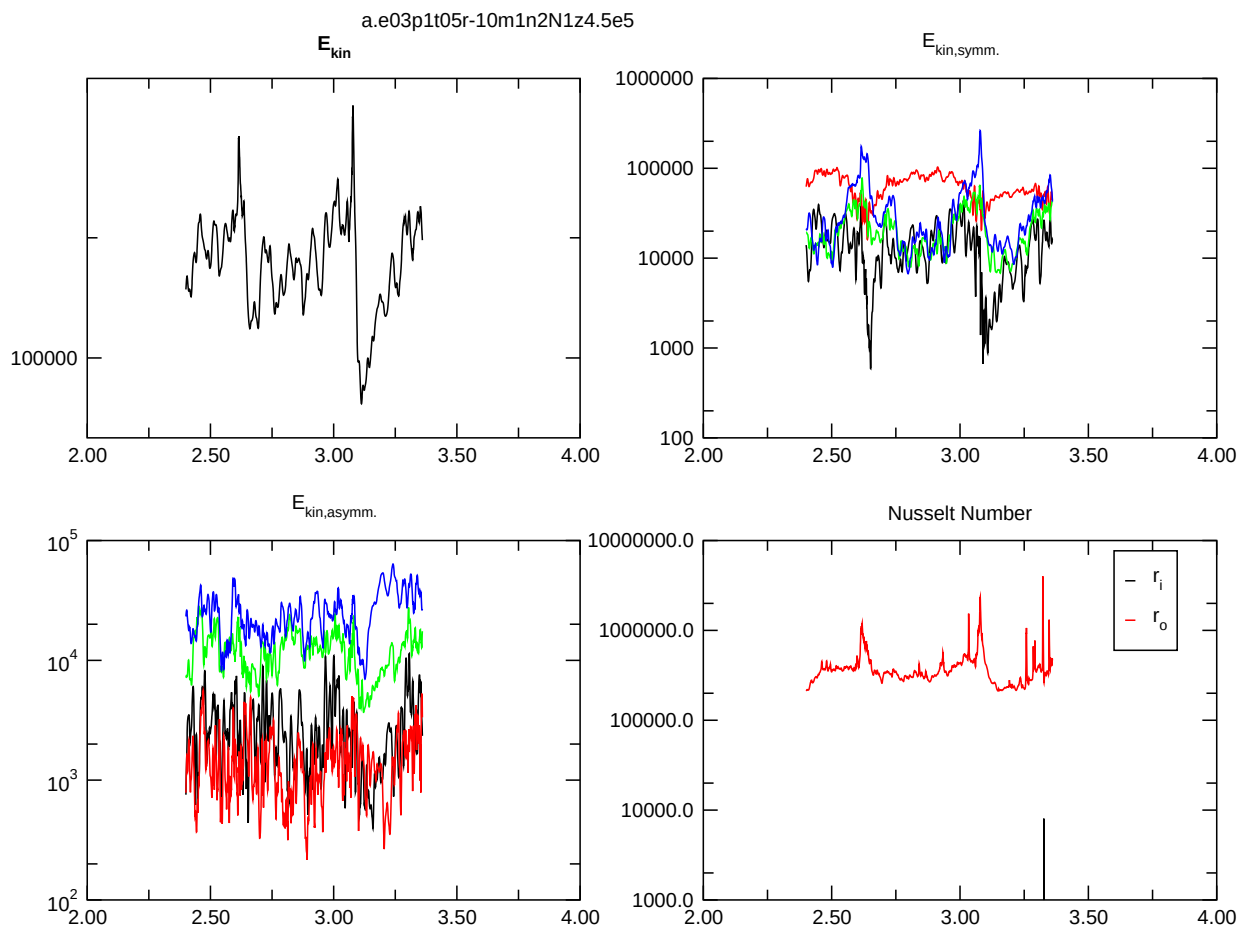
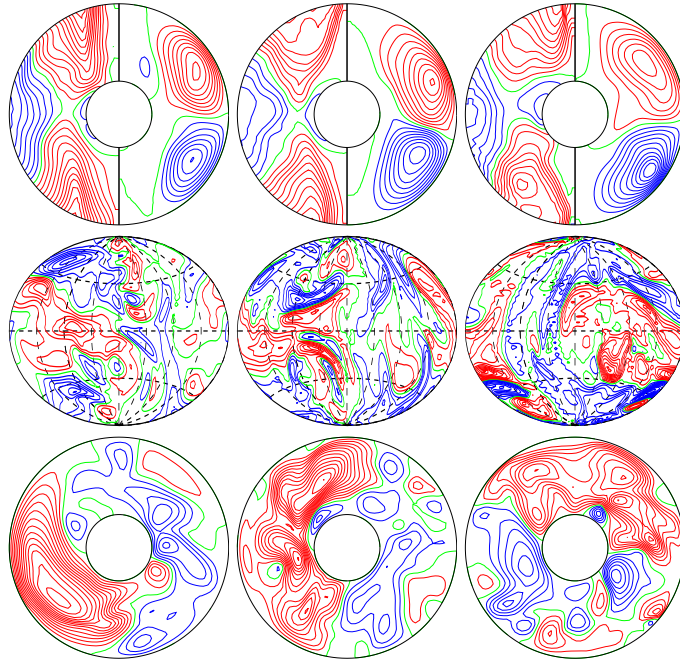
a.e03p1t05r-10m1n2N1z4.2e5.3
times: 2.880012 3.360013

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a.e03p1t05r-10m1n2N1z4.5e5.4
times: 2.720011 3.040011 3.360011

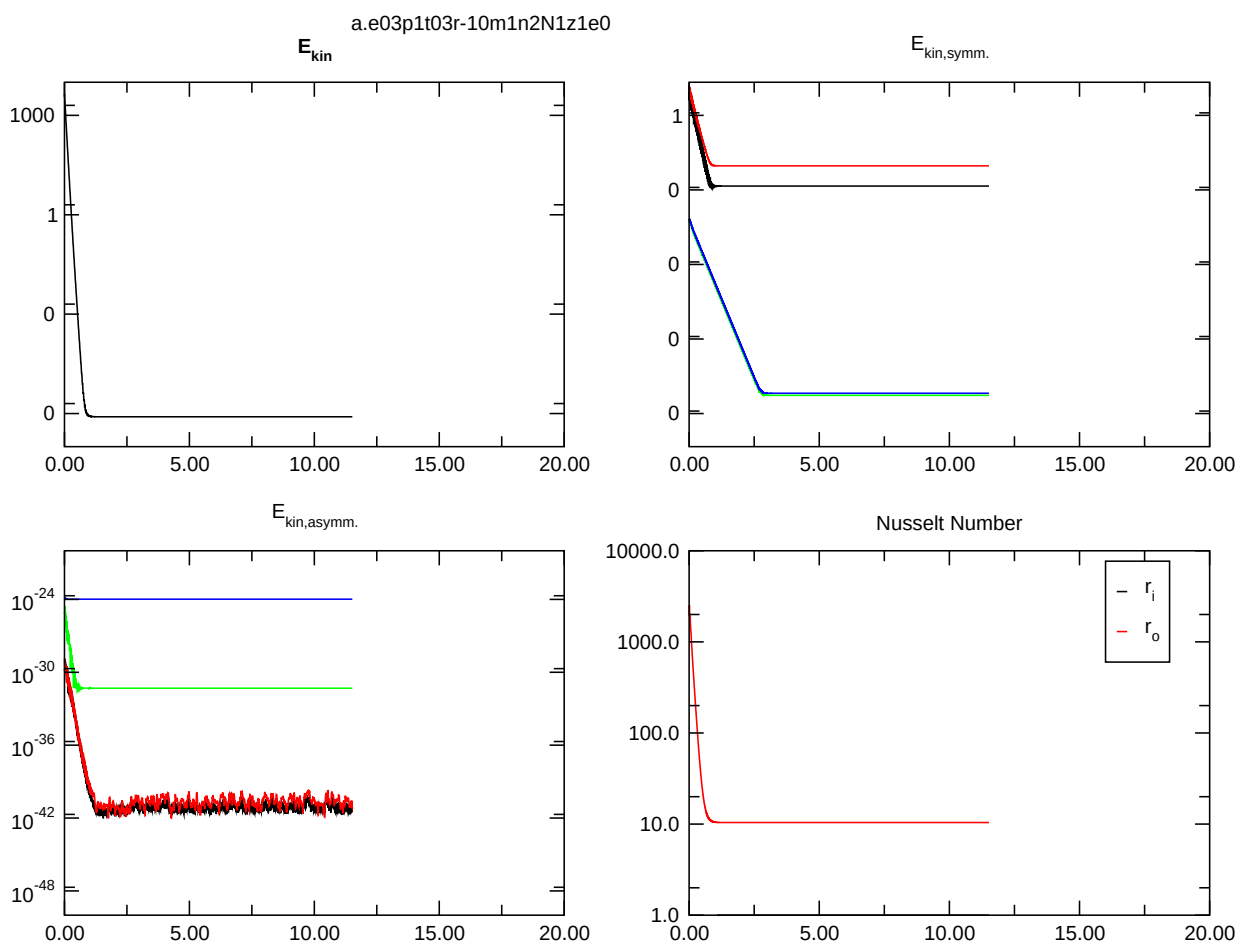
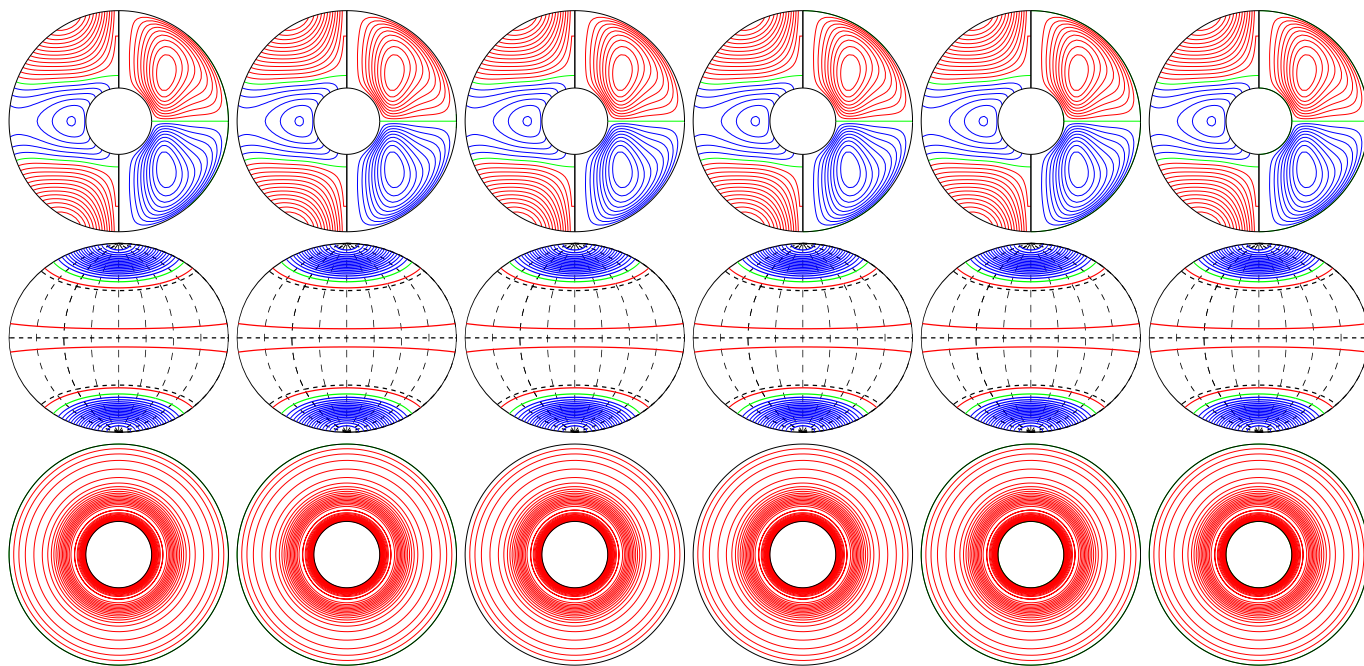
May 18, 2015



a.e03p1t03r-10m1n2N1z1e0.10

May 18, 2015

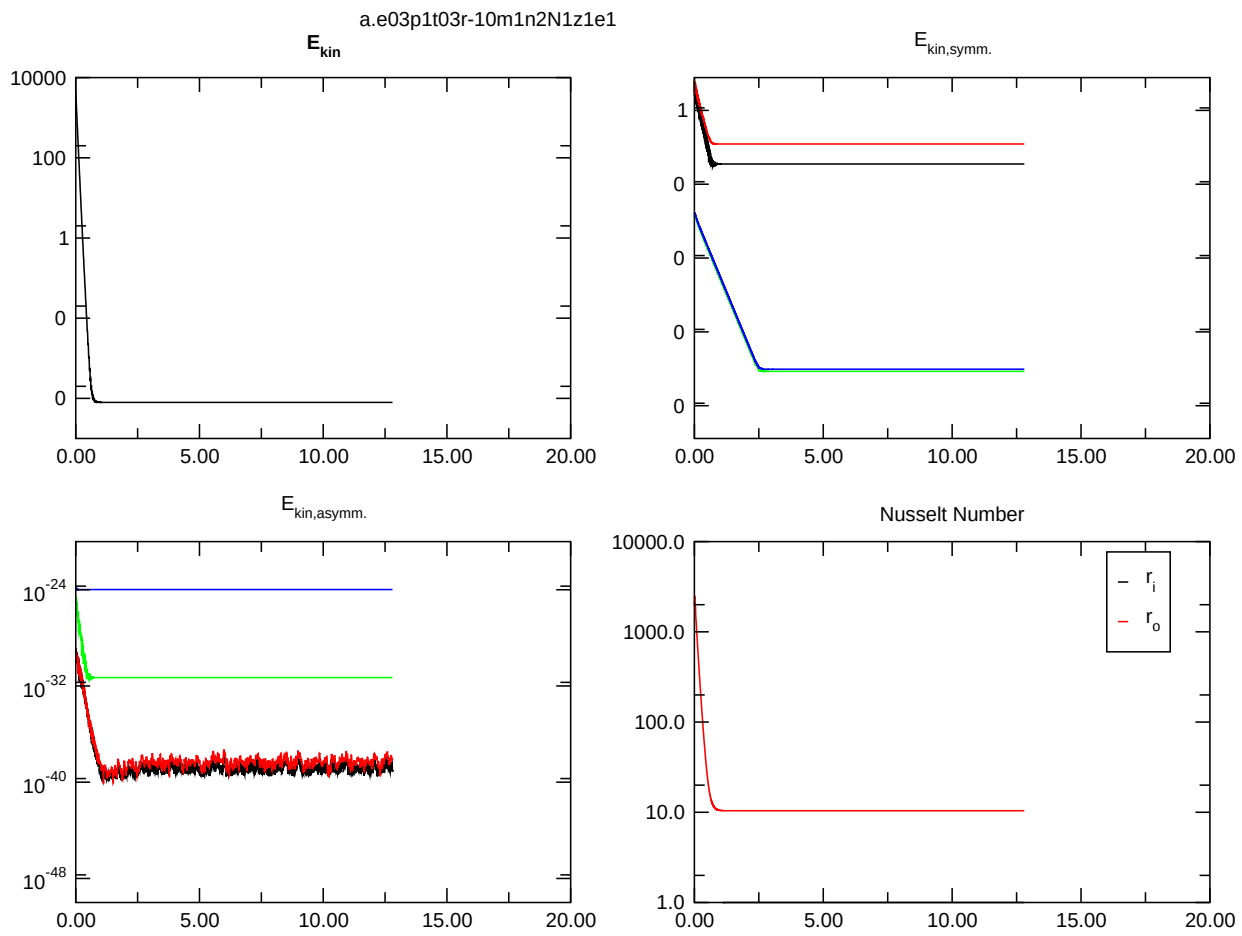
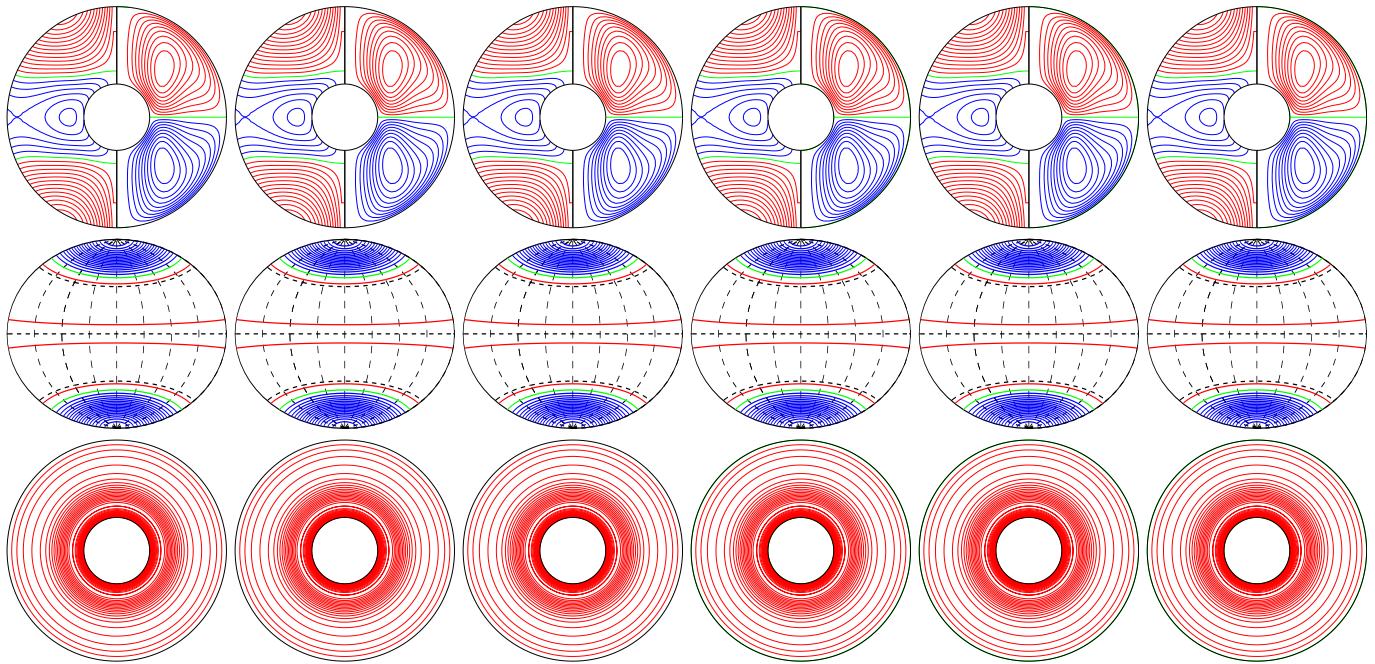
times: 5.120004 6.400005 7.680006 8.960007 10.24001 11.52001



a.e03p1t03r-10m1n2N1z1e1.11

times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

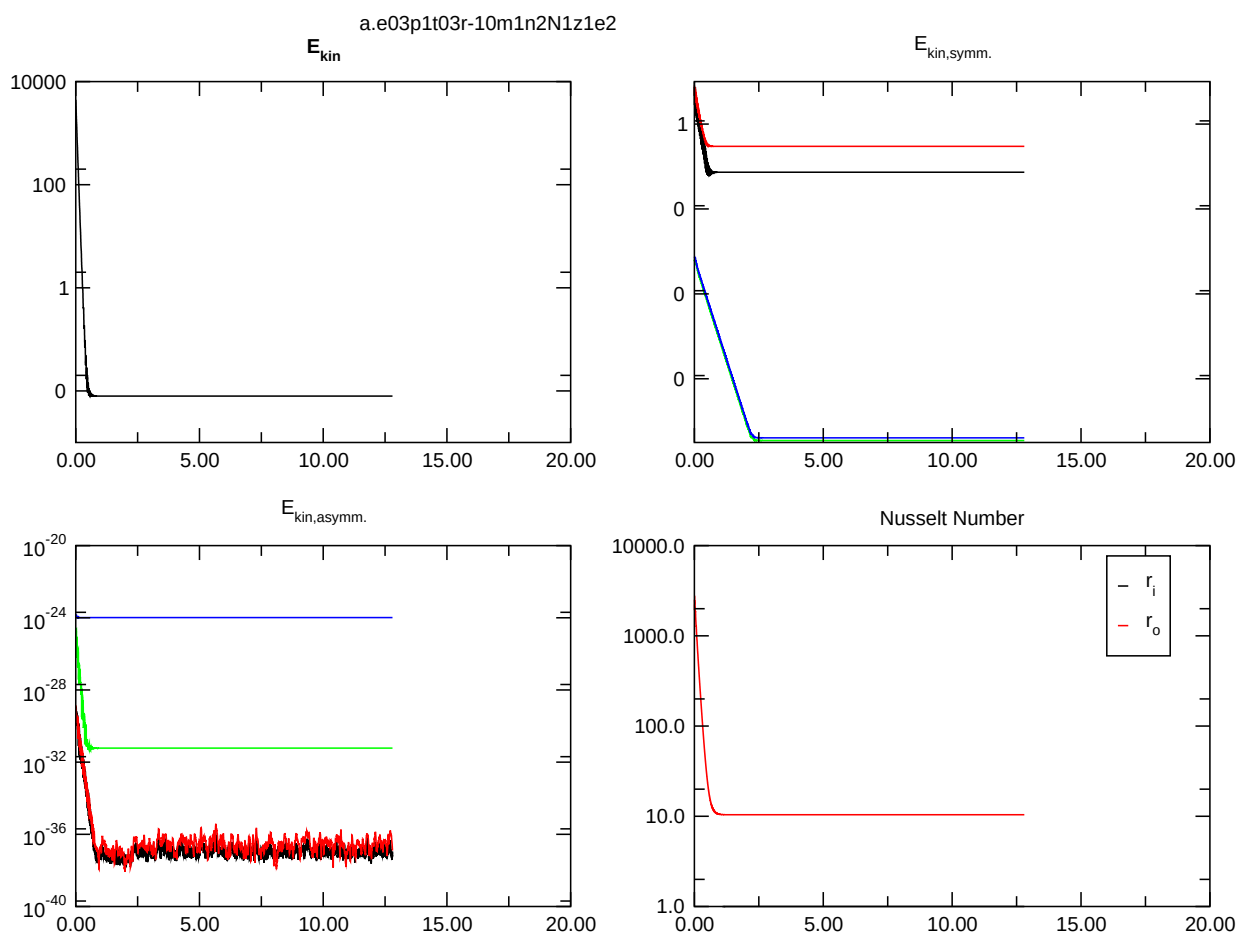
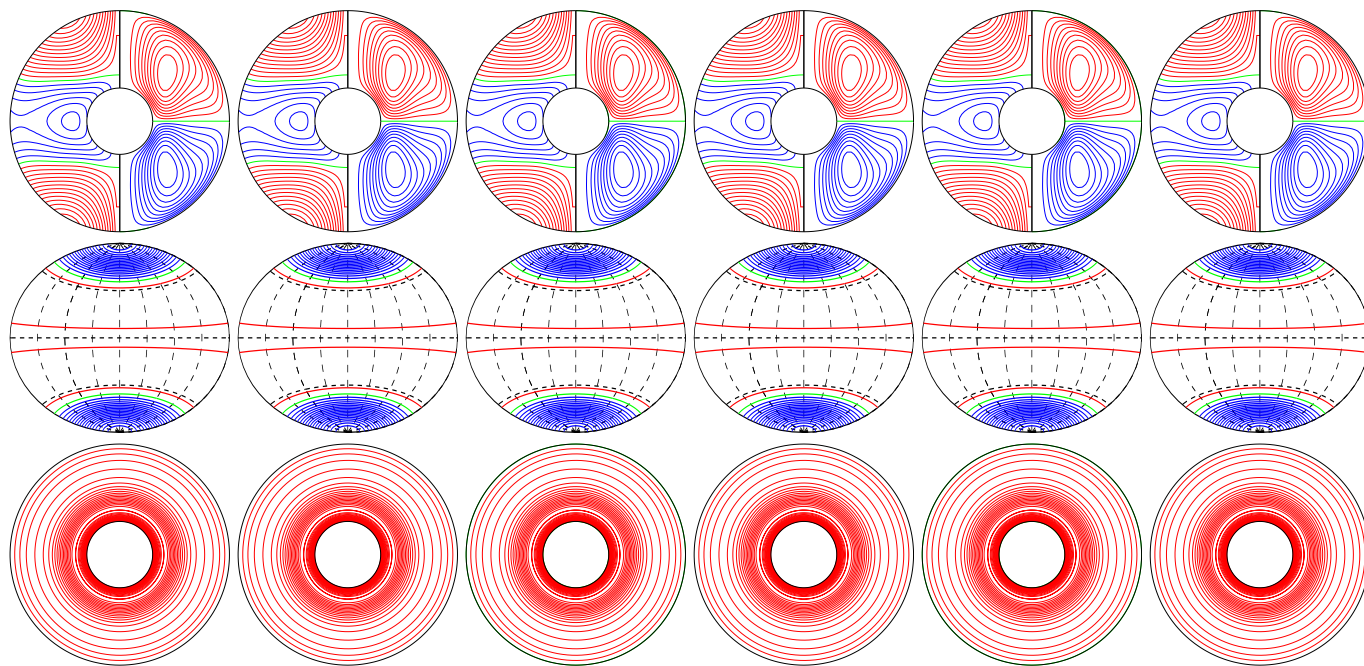
May 18, 2015



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times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

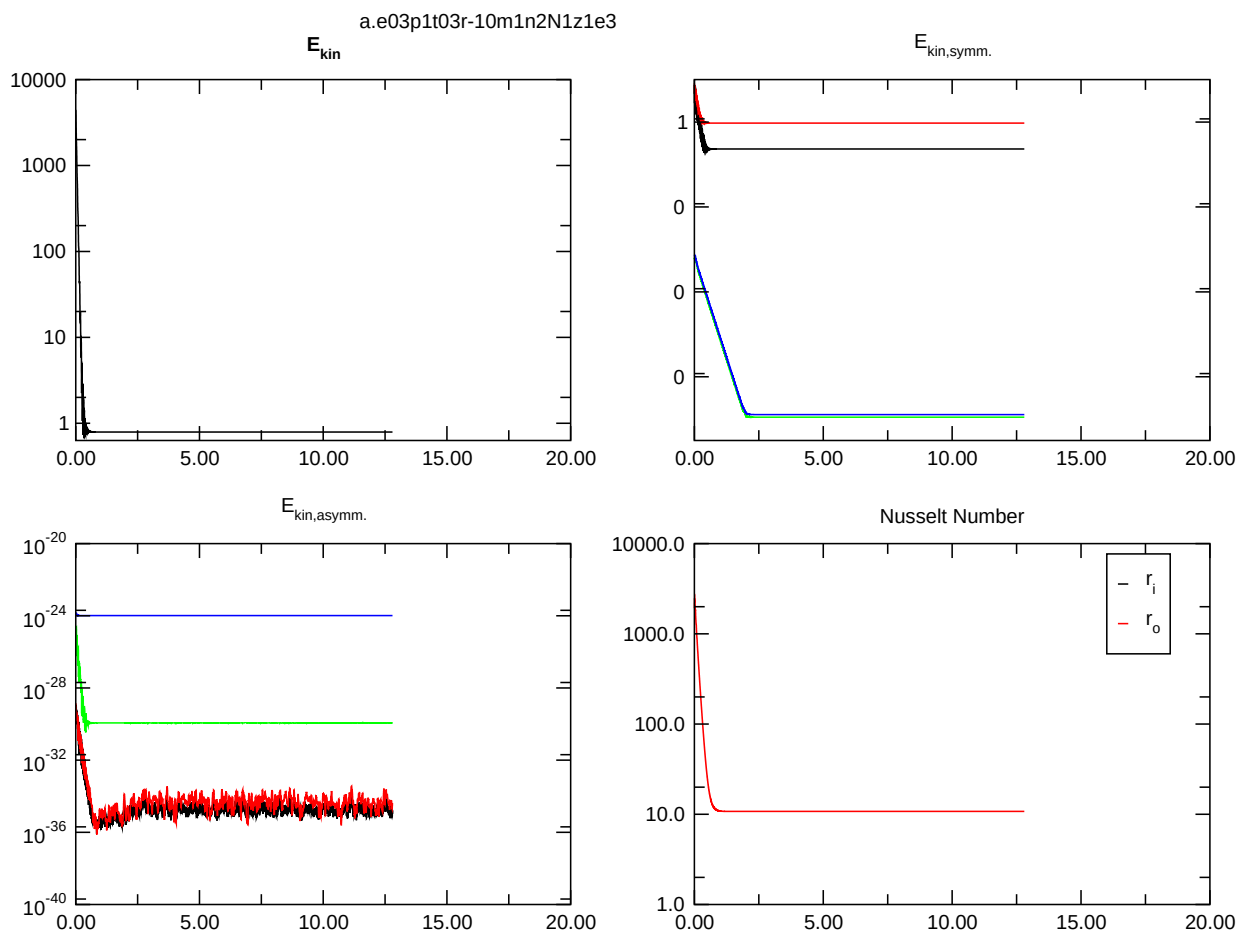
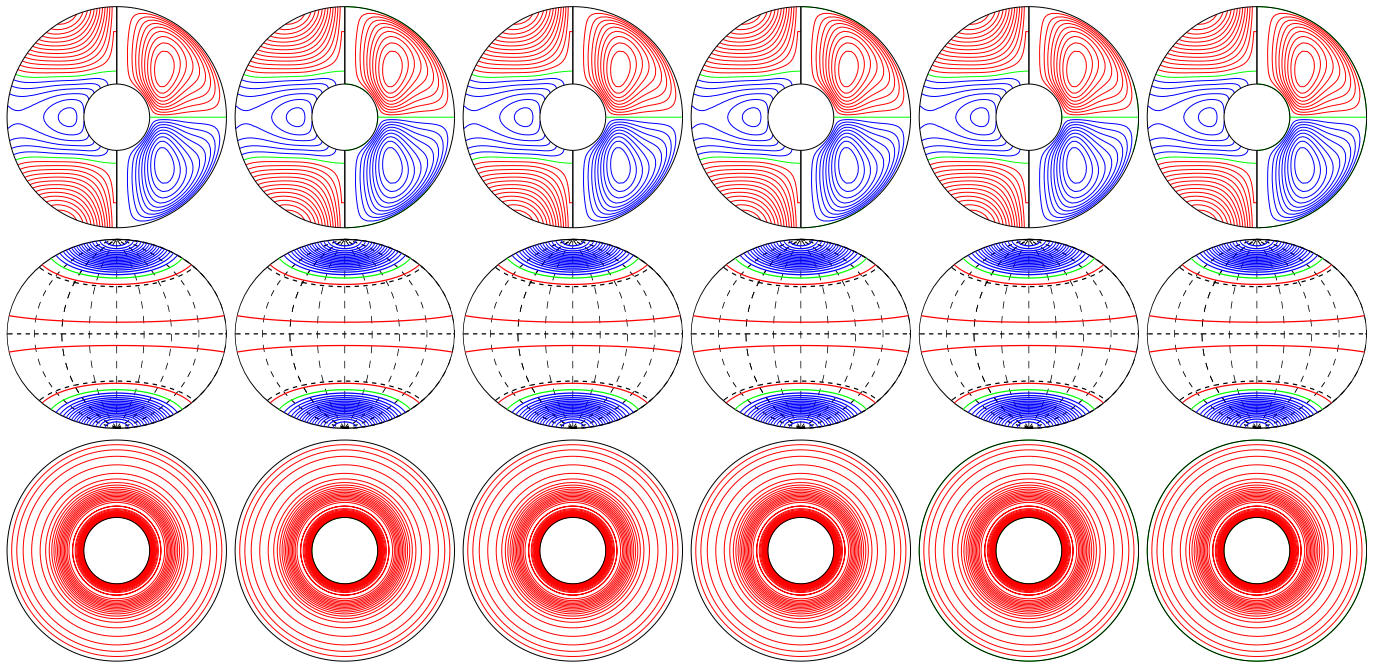
May 18, 2015



a.e03p1t03r-10m1n2N1z1e3.11

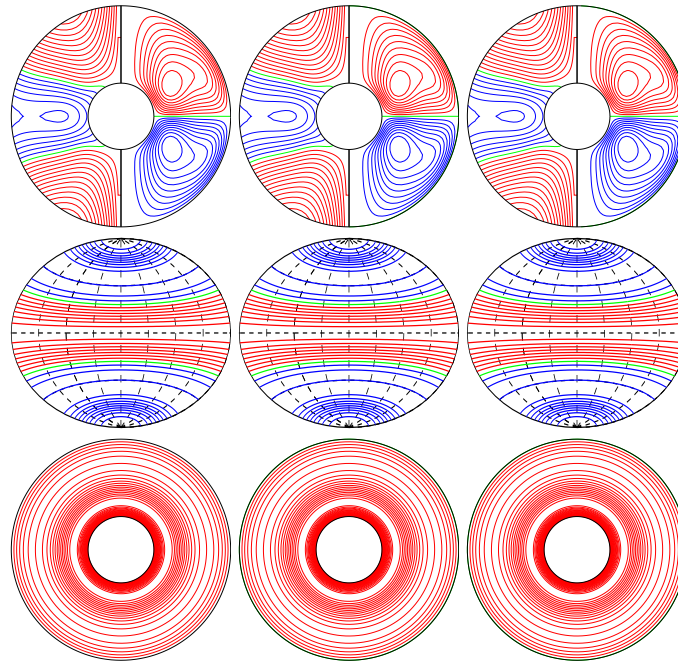
times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

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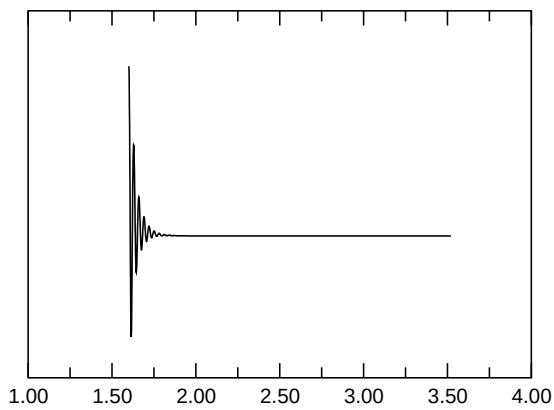


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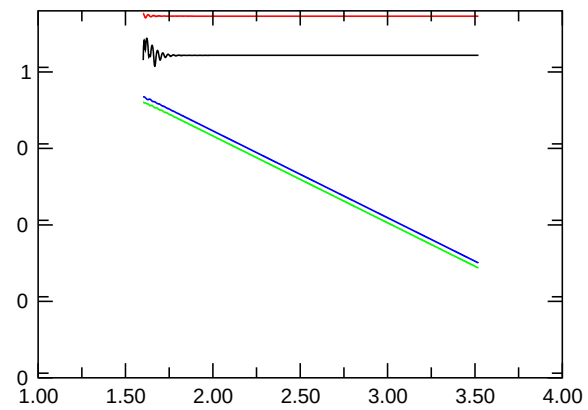
May 18, 2015



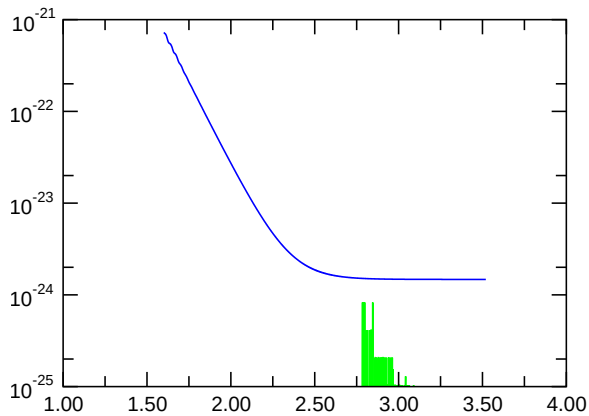
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 E_{kin}



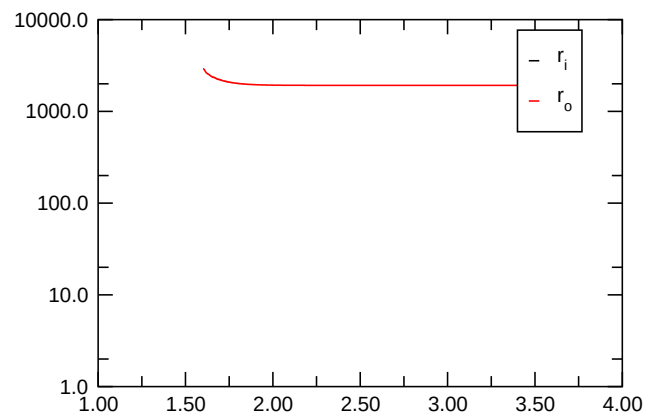
$E_{\text{kin,symm.}}$



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



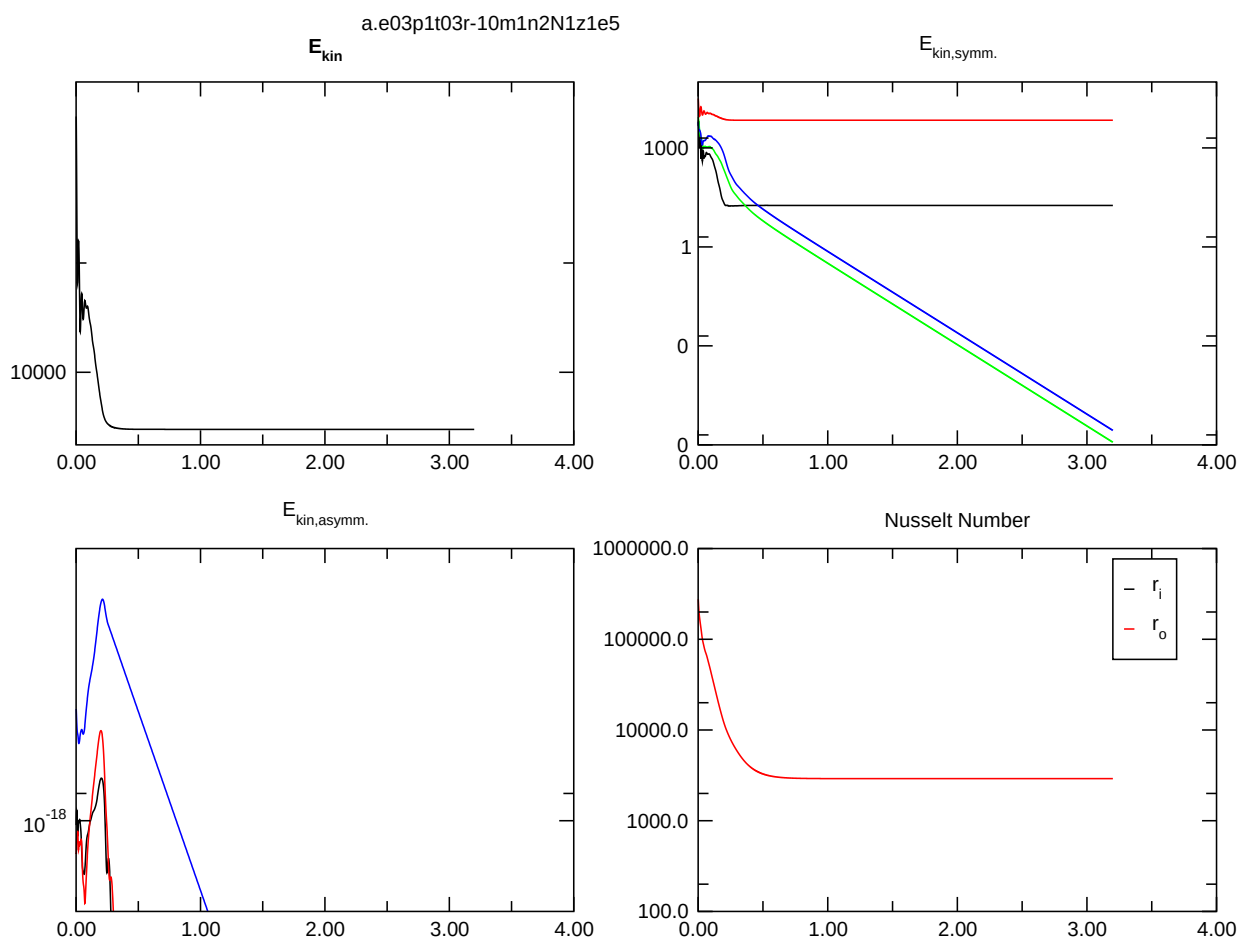
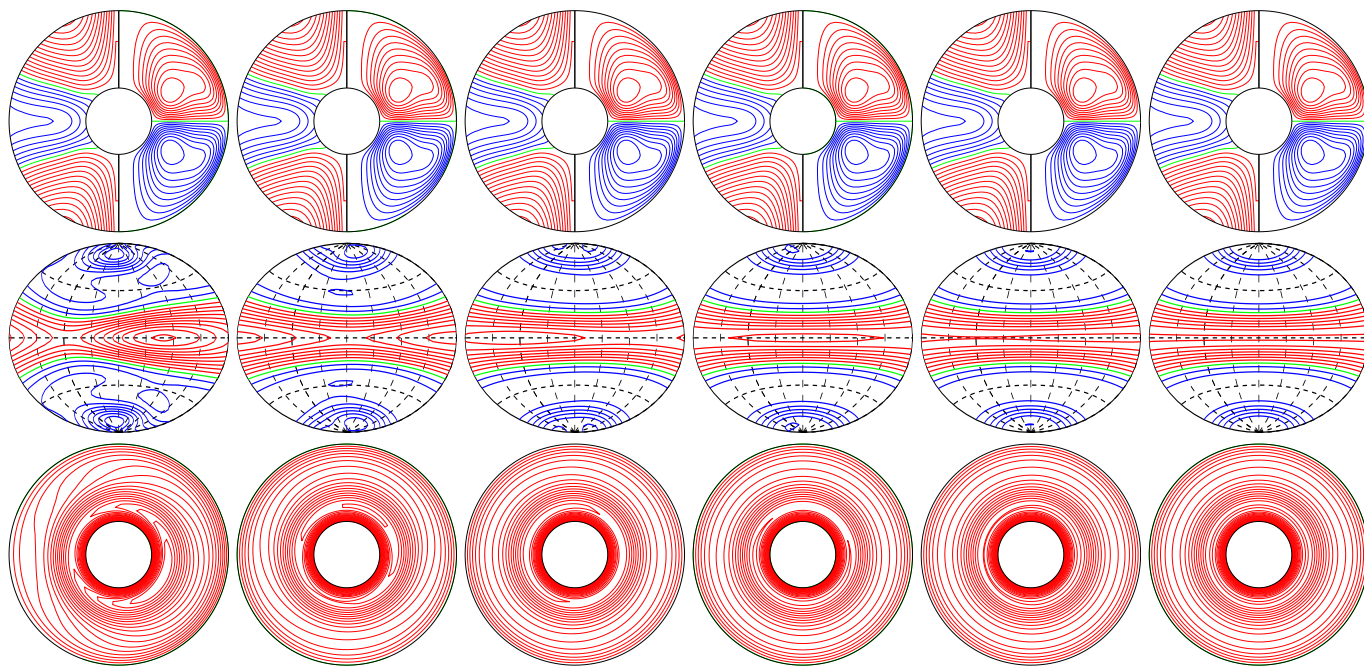
Nusselt Number



a.e03p1t03r-10m1n2N1z1e5.8

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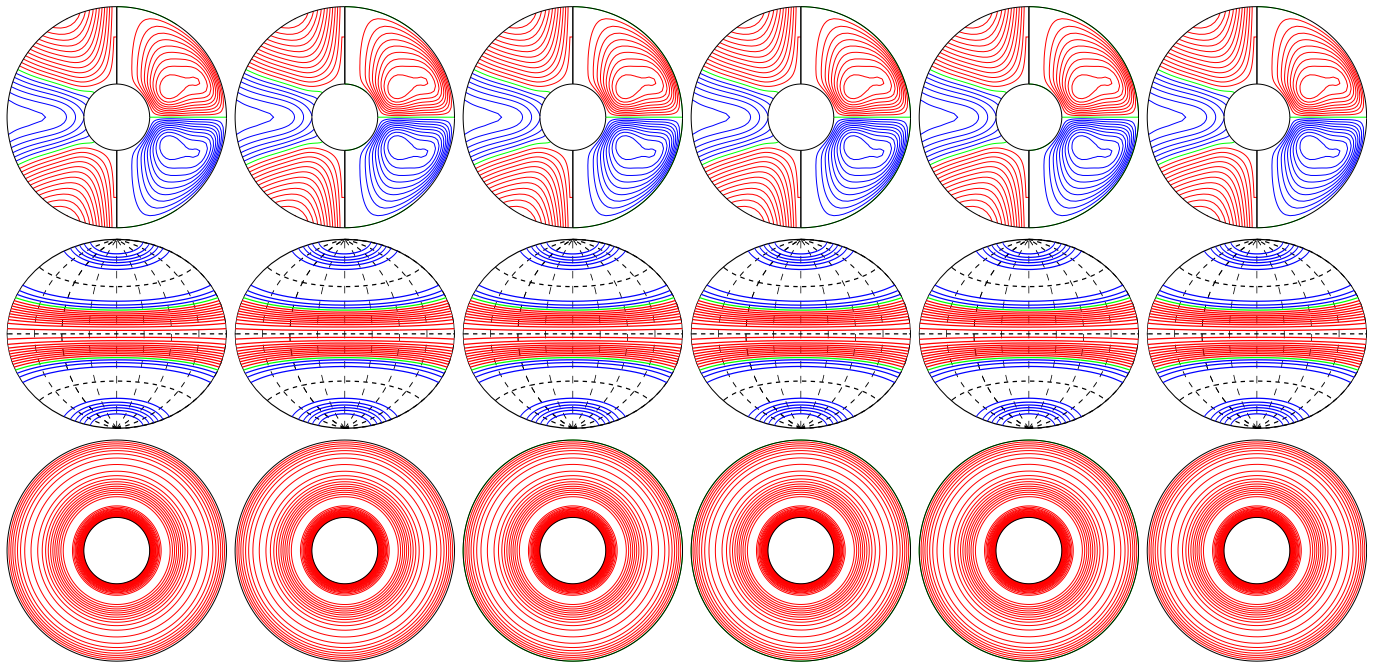
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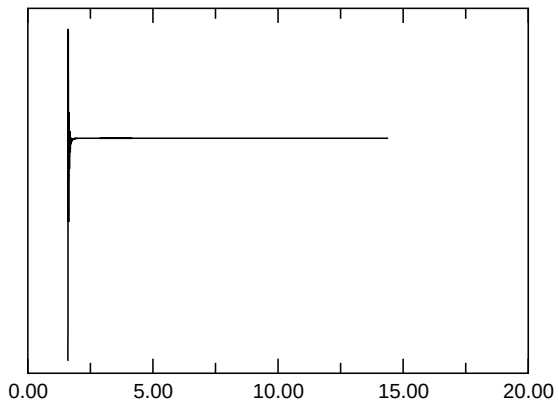
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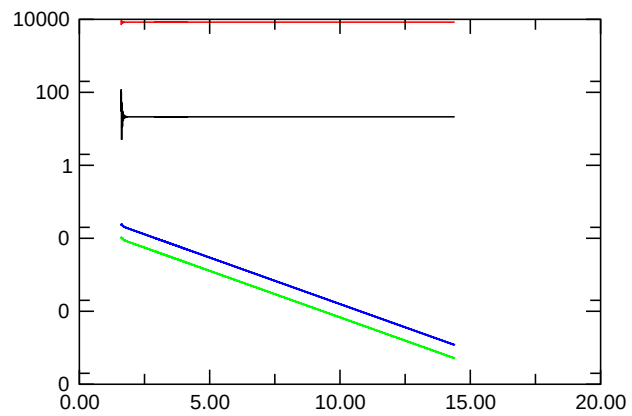
May 18, 2015



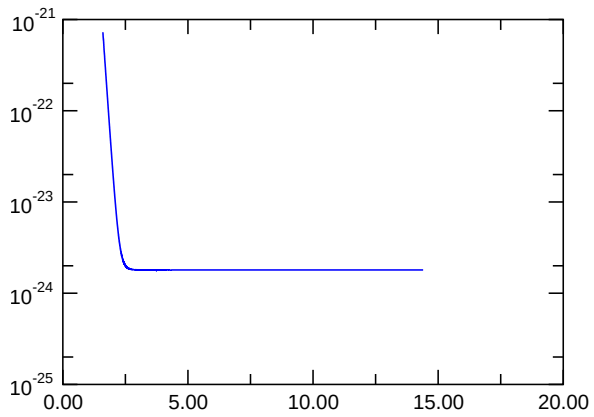
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 E_{kin}



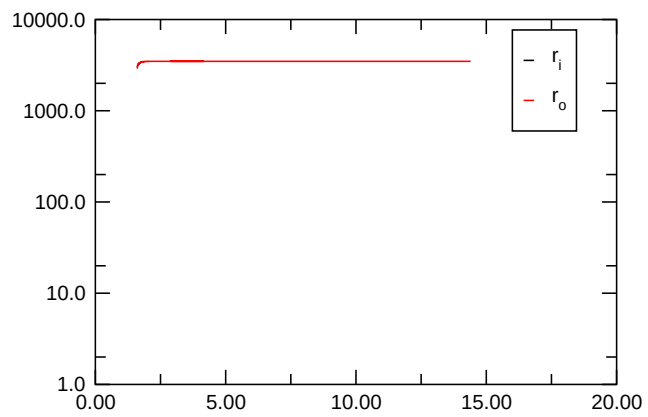
$E_{\text{kin,symm.}}$



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



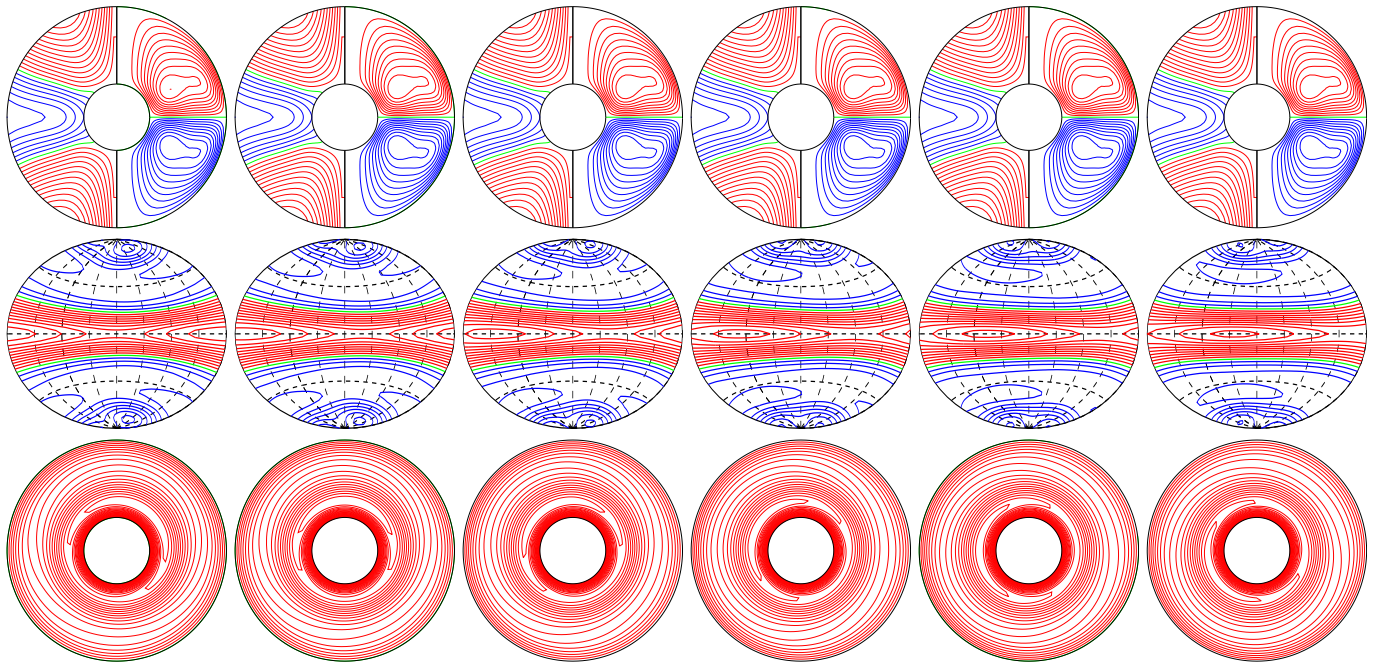
Nusselt Number



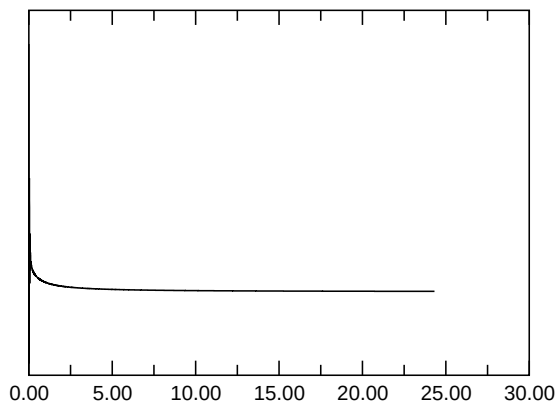
a.e03p1t03r-10m1n2N1z1.11e5.20

times: 17.92001 19.20001 20.48001 21.76001 23.04001 24.32001

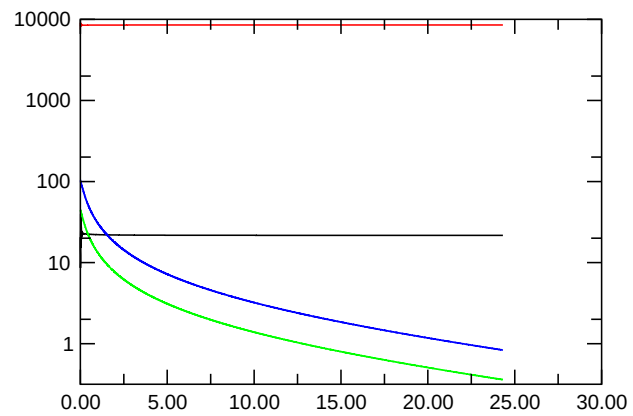
May 18, 2015



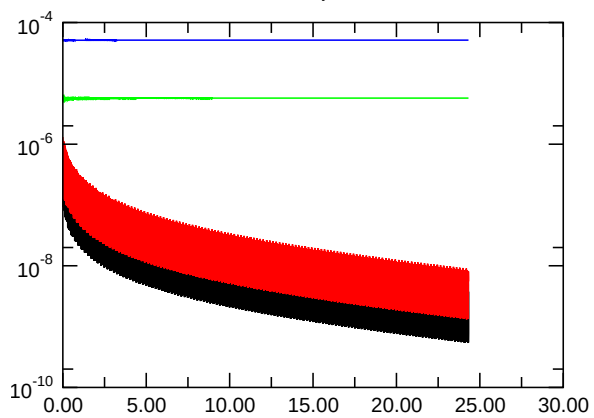
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 E_{kin}



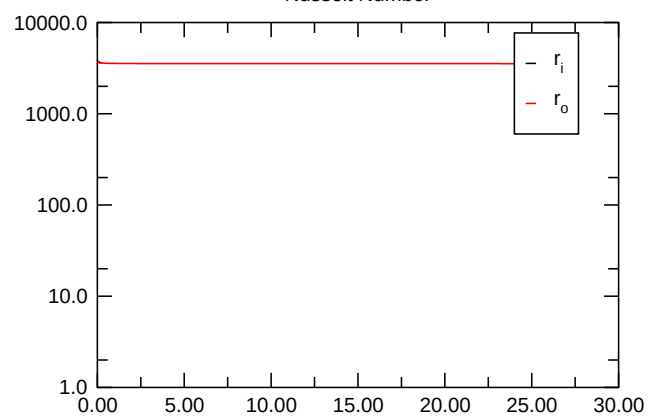
$E_{\text{kin,symm.}}$



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



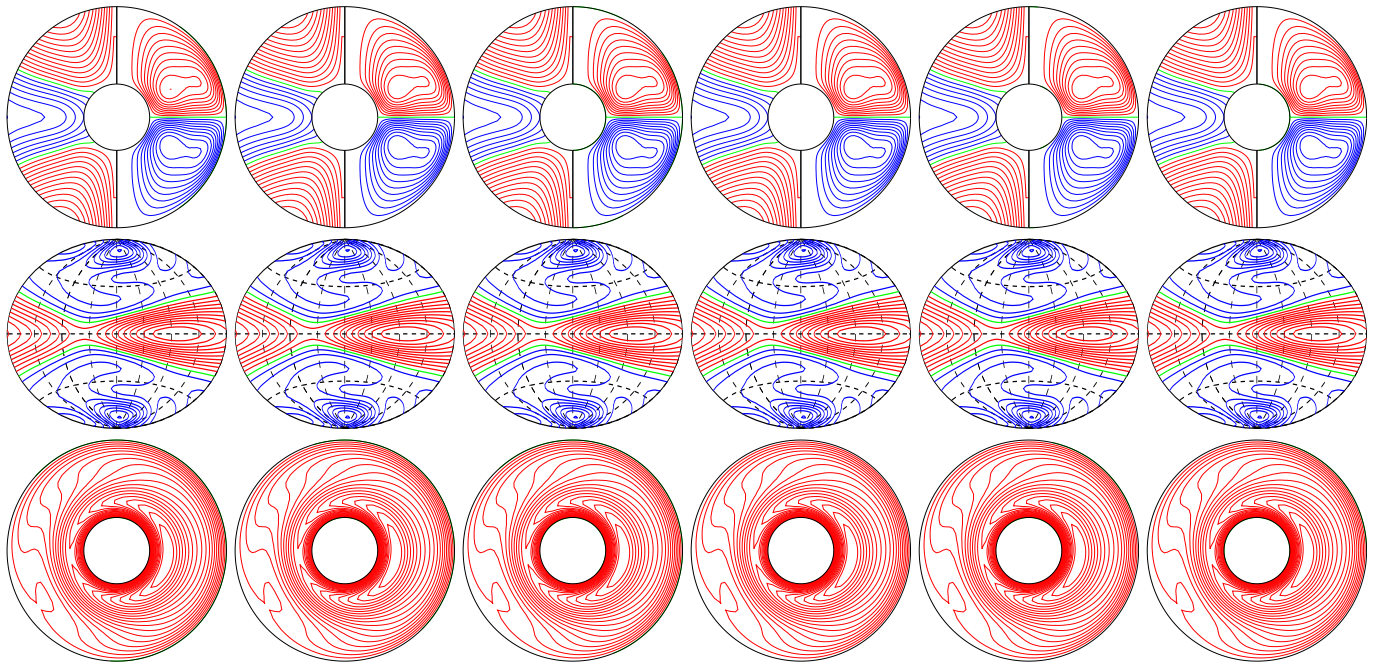
Nusselt Number



a.e03p1t03r-10m1n2N1z1.12e5.20

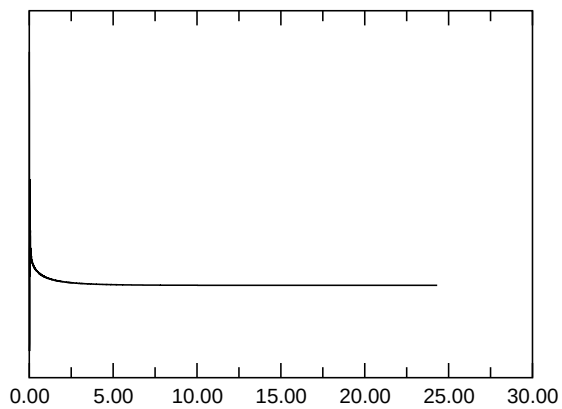
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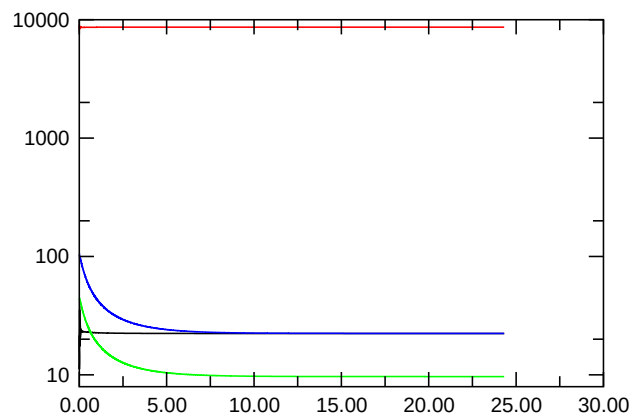


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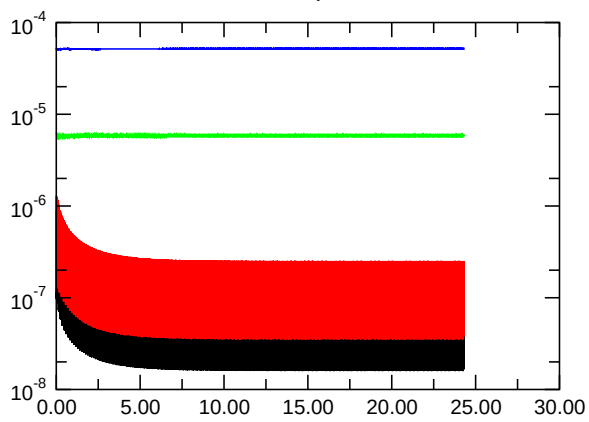
E_{kin}



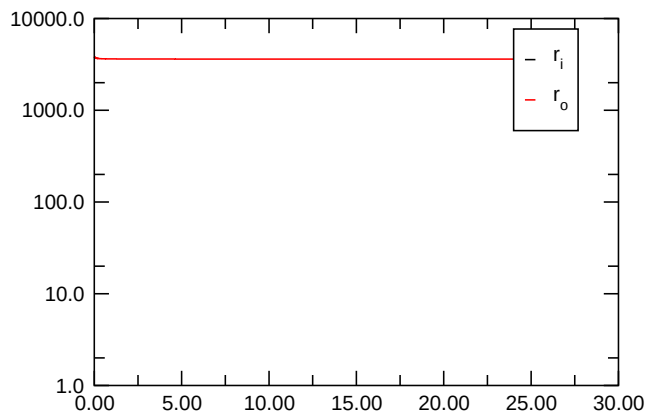
$E_{\text{kin,symm.}}$



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



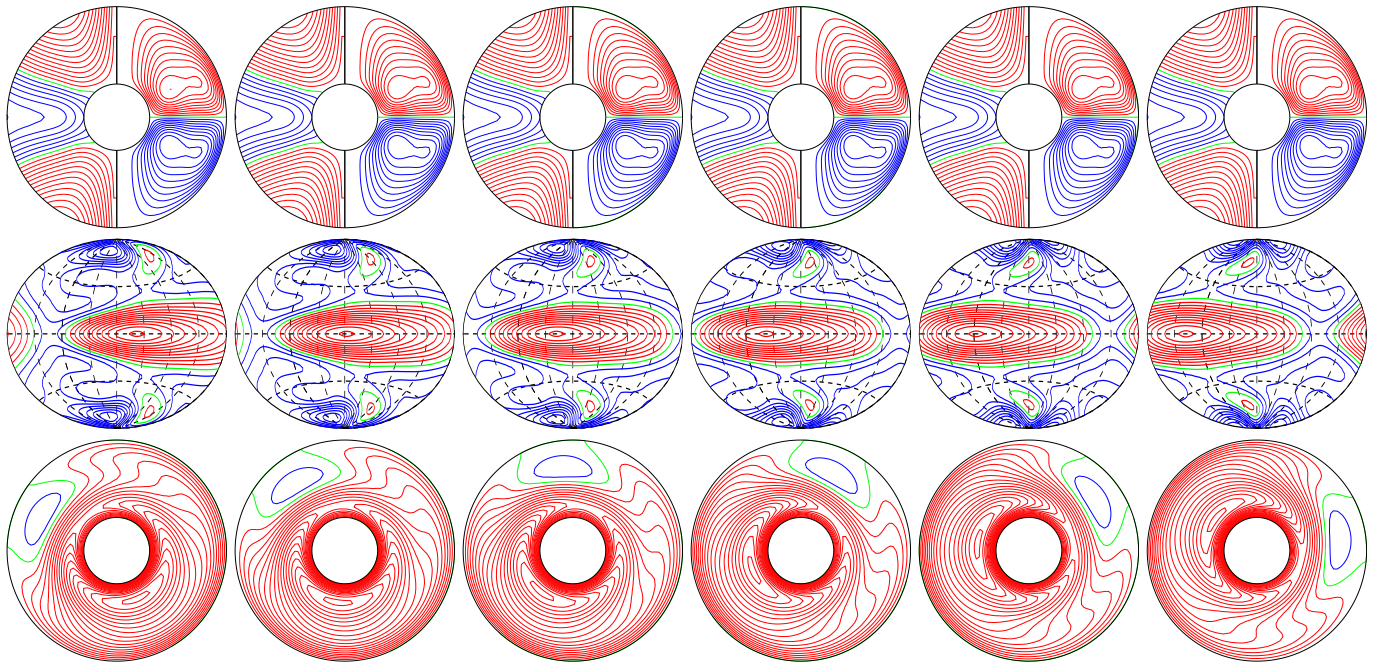
Nusselt Number



a.e03p1t03r-10m1n2N1z1.13e5.20

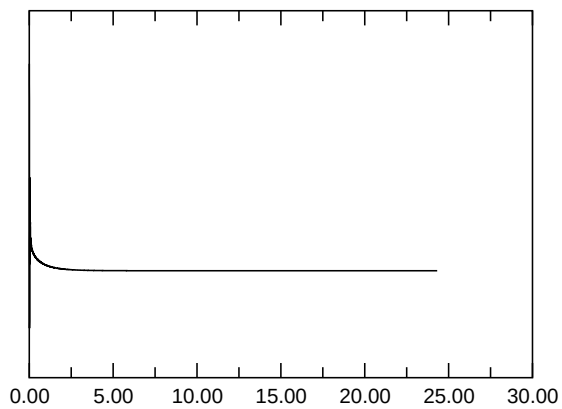
times: 17.92001 19.20001 20.48001 21.76001 23.04001 24.32001

May 18, 2015

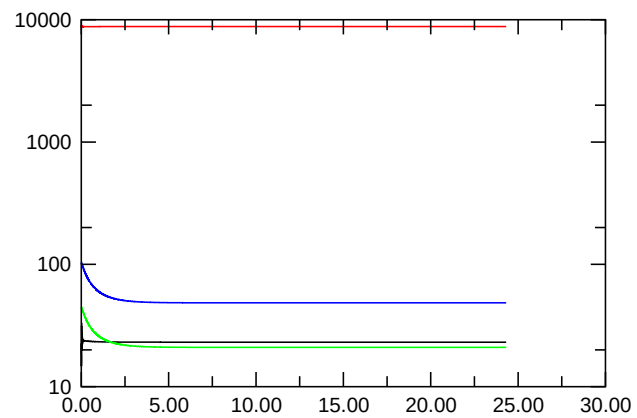


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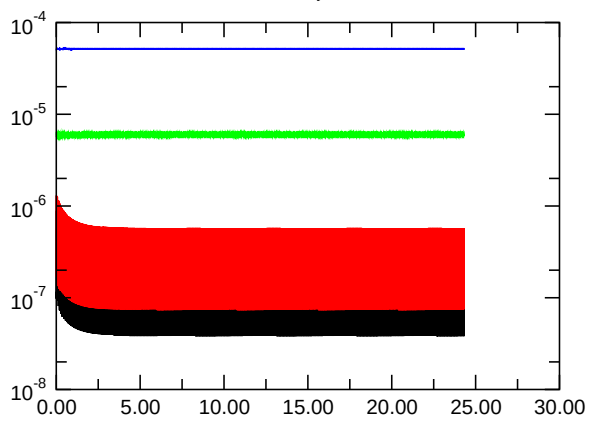
E_{kin}



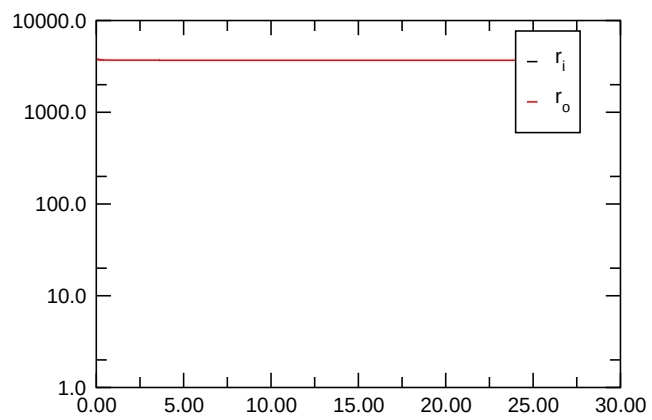
$E_{\text{kin,symm.}}$



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



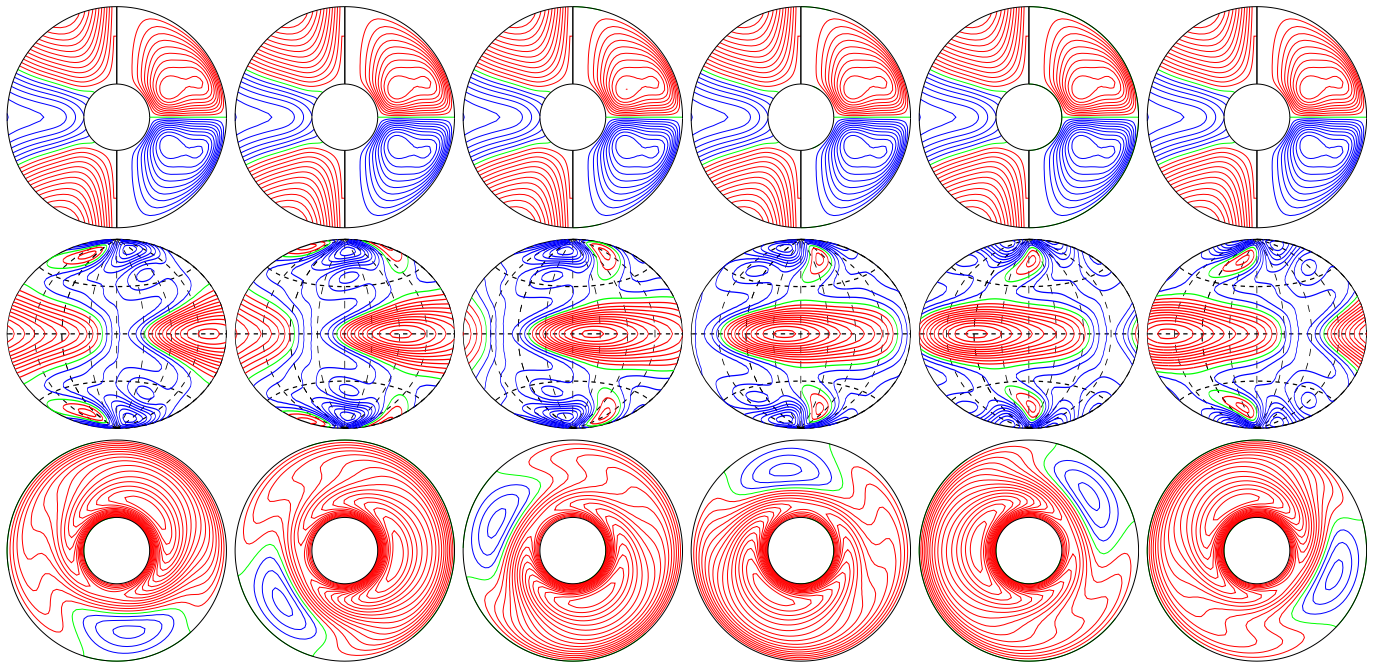
Nusselt Number



a.e03p1t03r-10m1n2N1z1.14e5.11

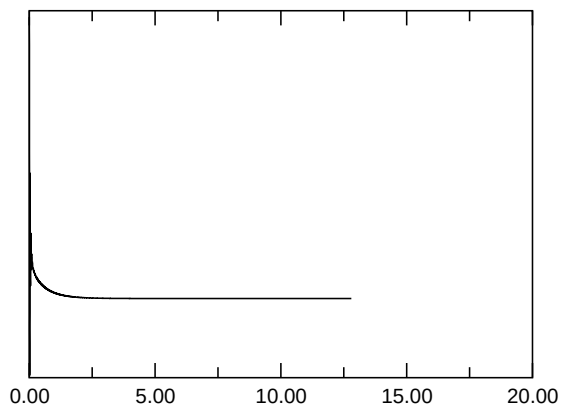
times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

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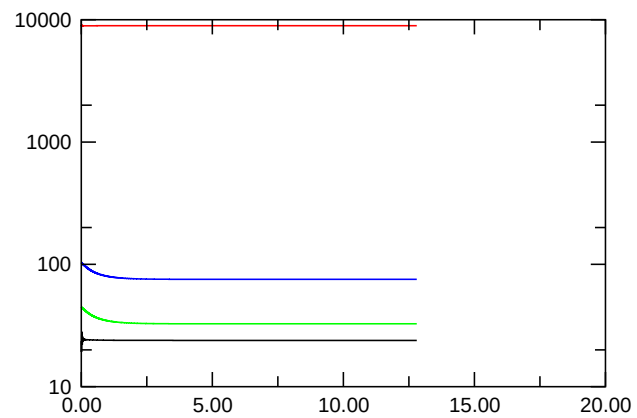


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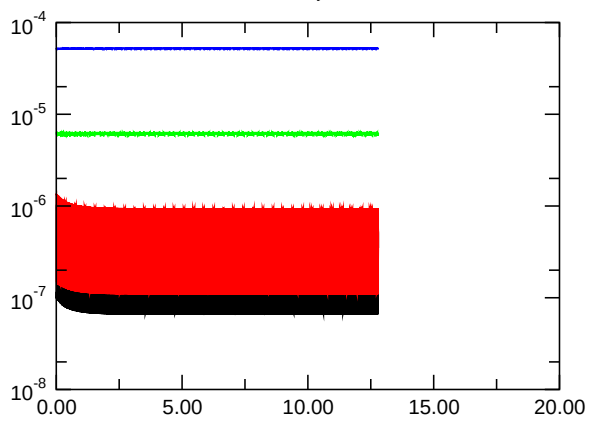
E_{kin}



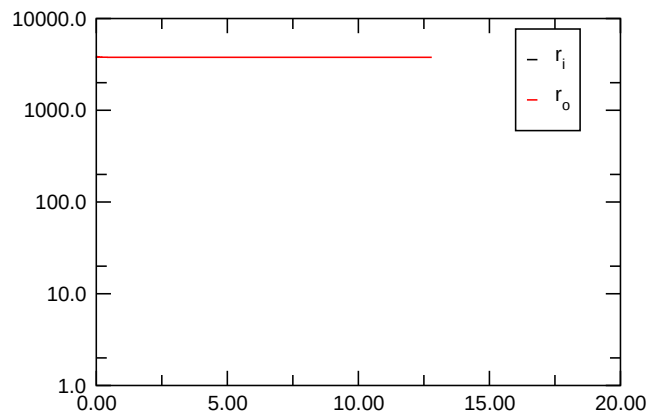
$E_{\text{kin,symm.}}$



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



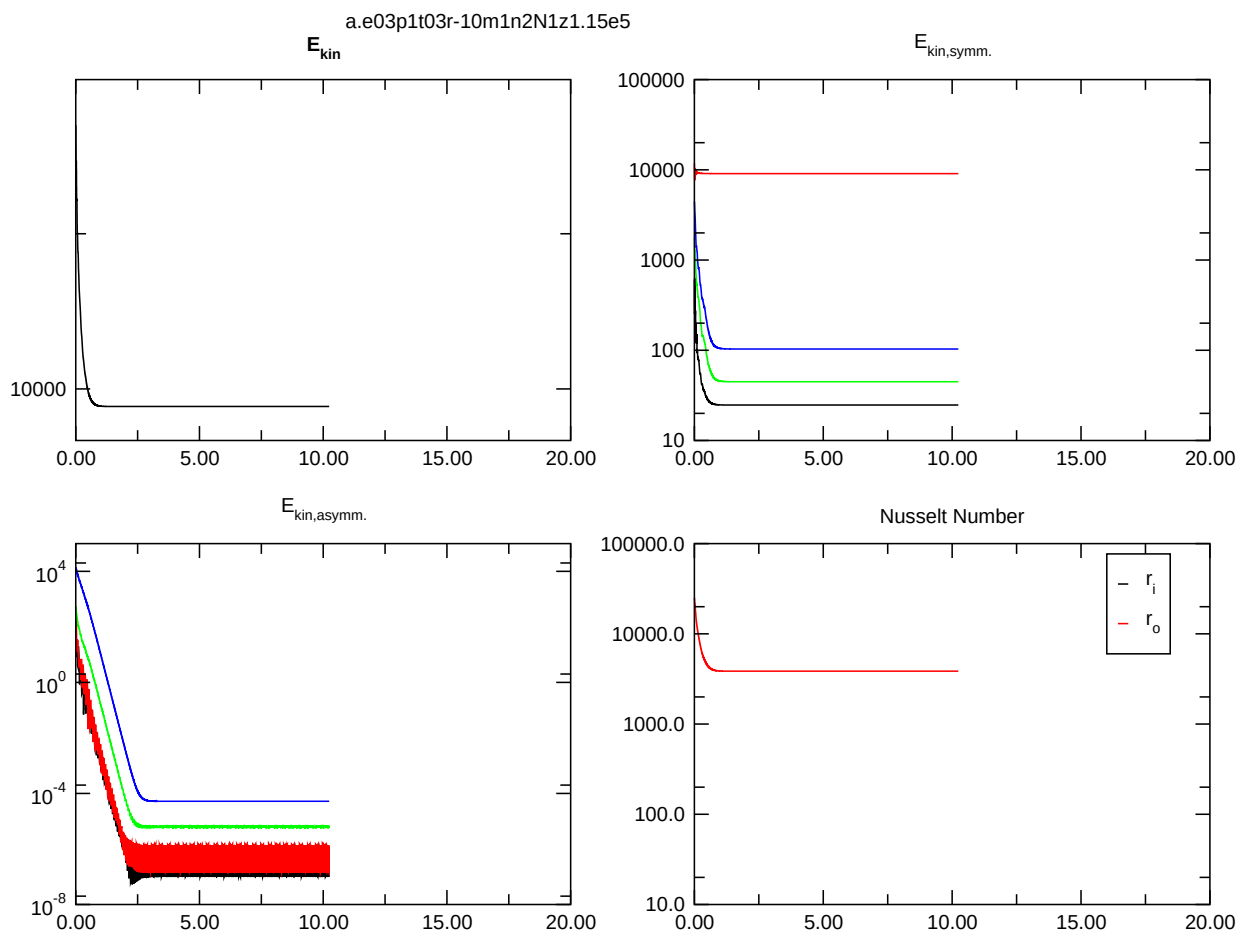
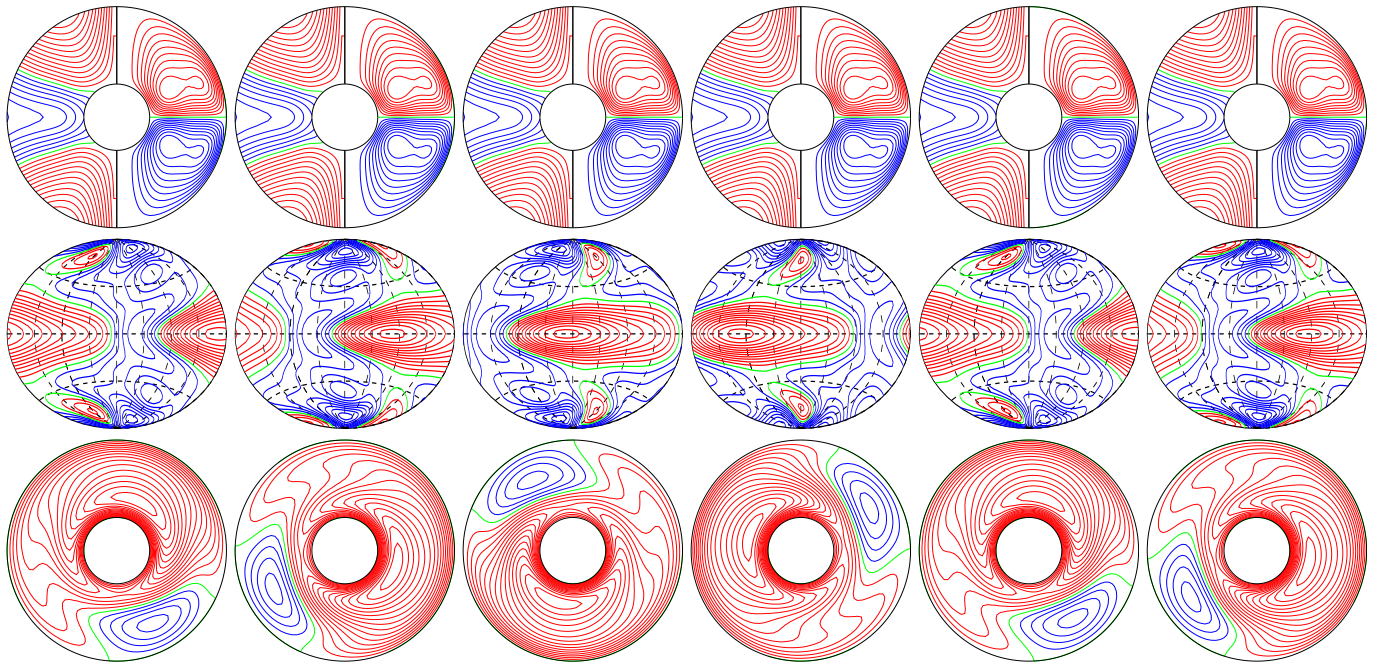
Nusselt Number



a.e03p1t03r-10m1n2N1z1.15e5.9

times: 3.840003 5.120004 6.400005 7.680006 8.960007 10.24001

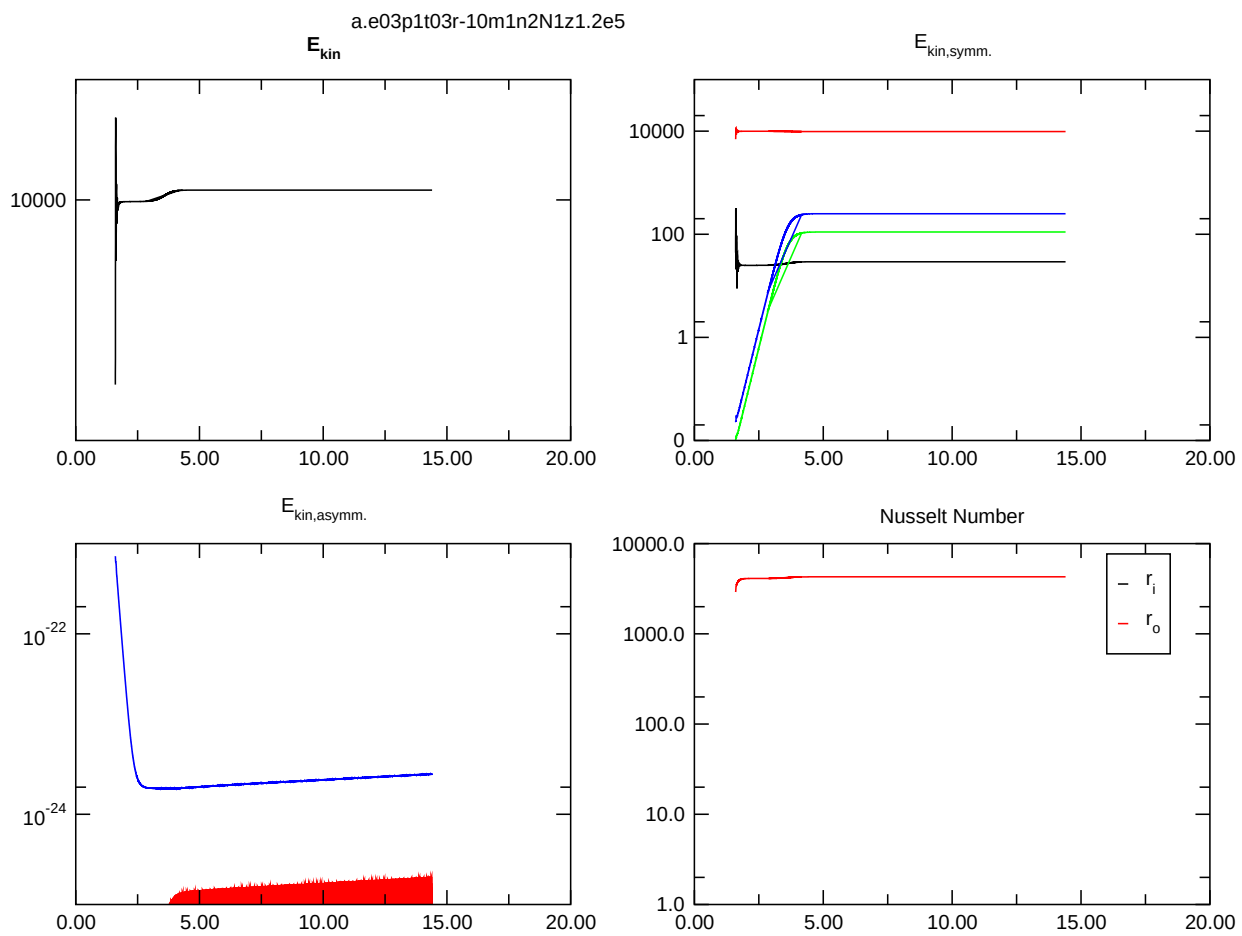
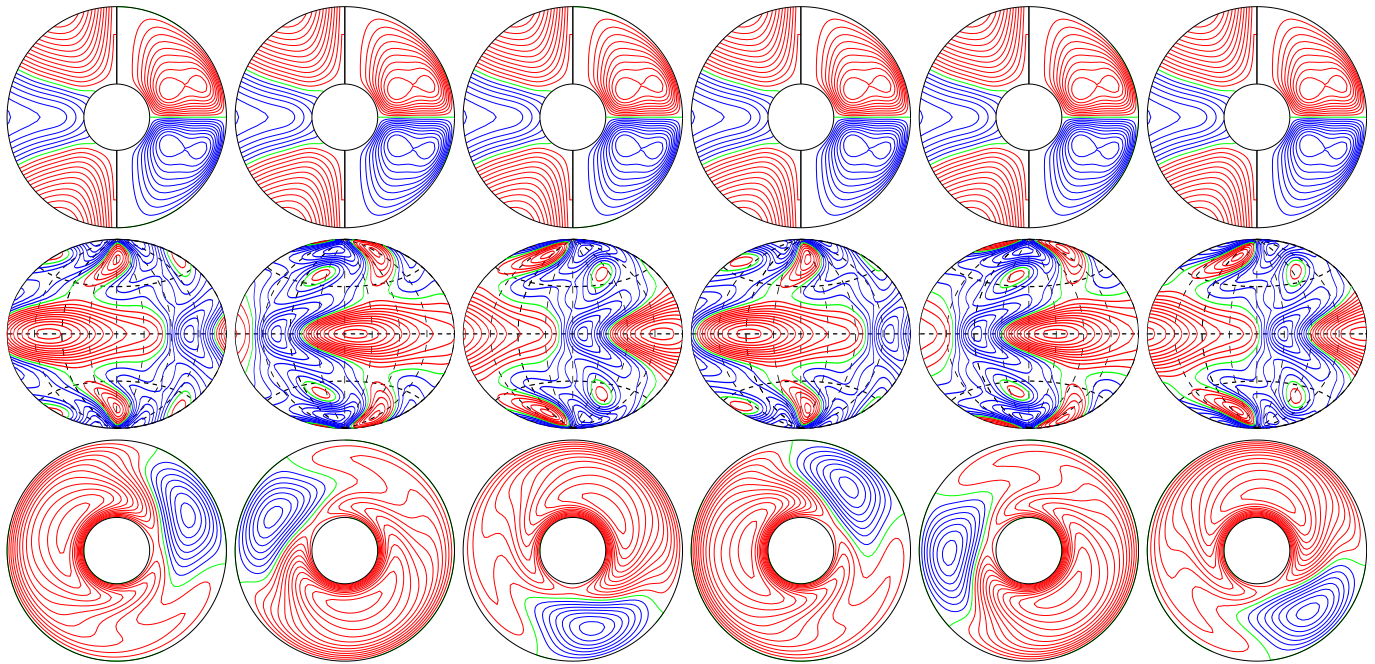
May 18, 2015



a.e03p1t03r-10m1n2N1z1.2e5.12

times: 8.00001 9.280011 10.56001 11.84001 13.12001 14.40001

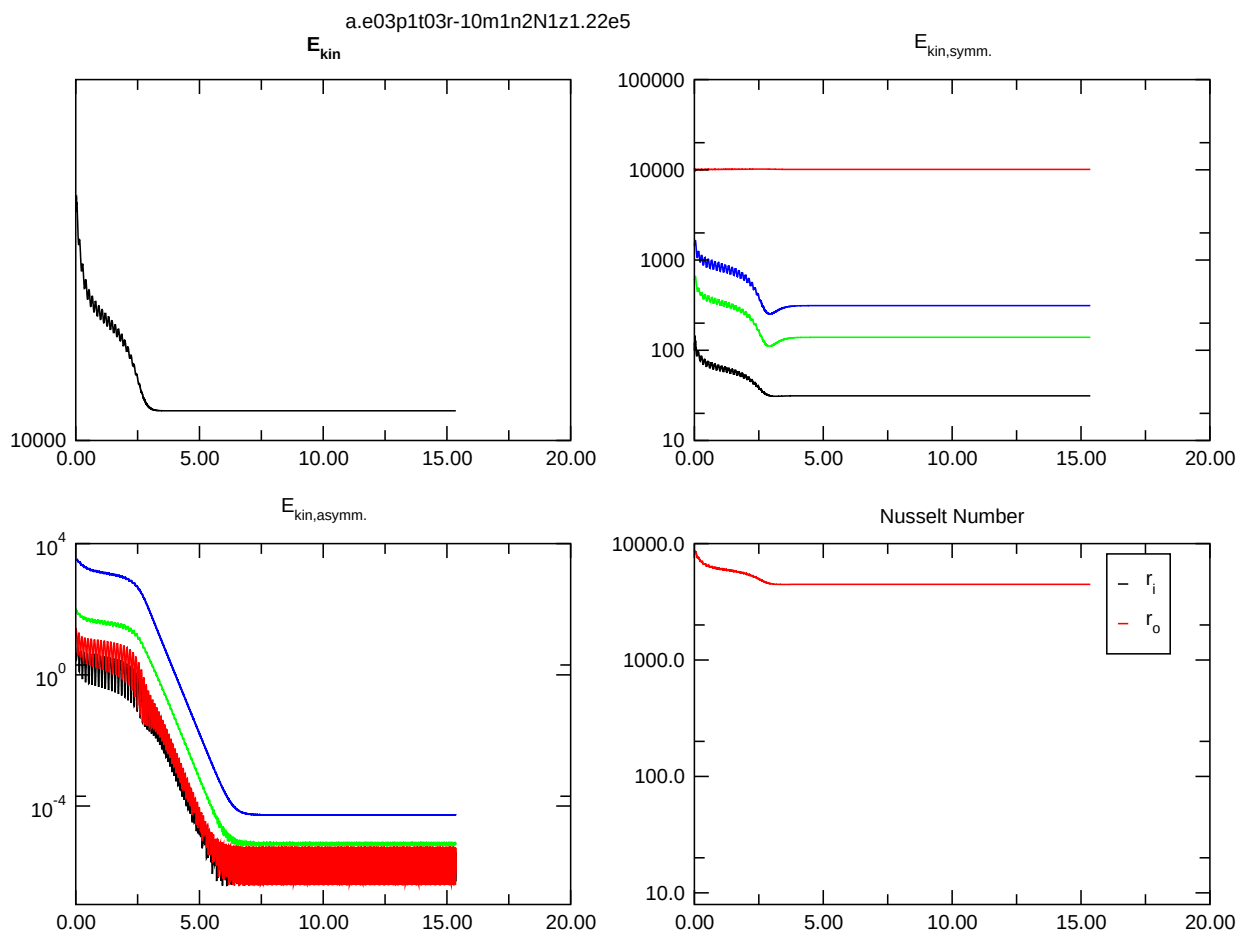
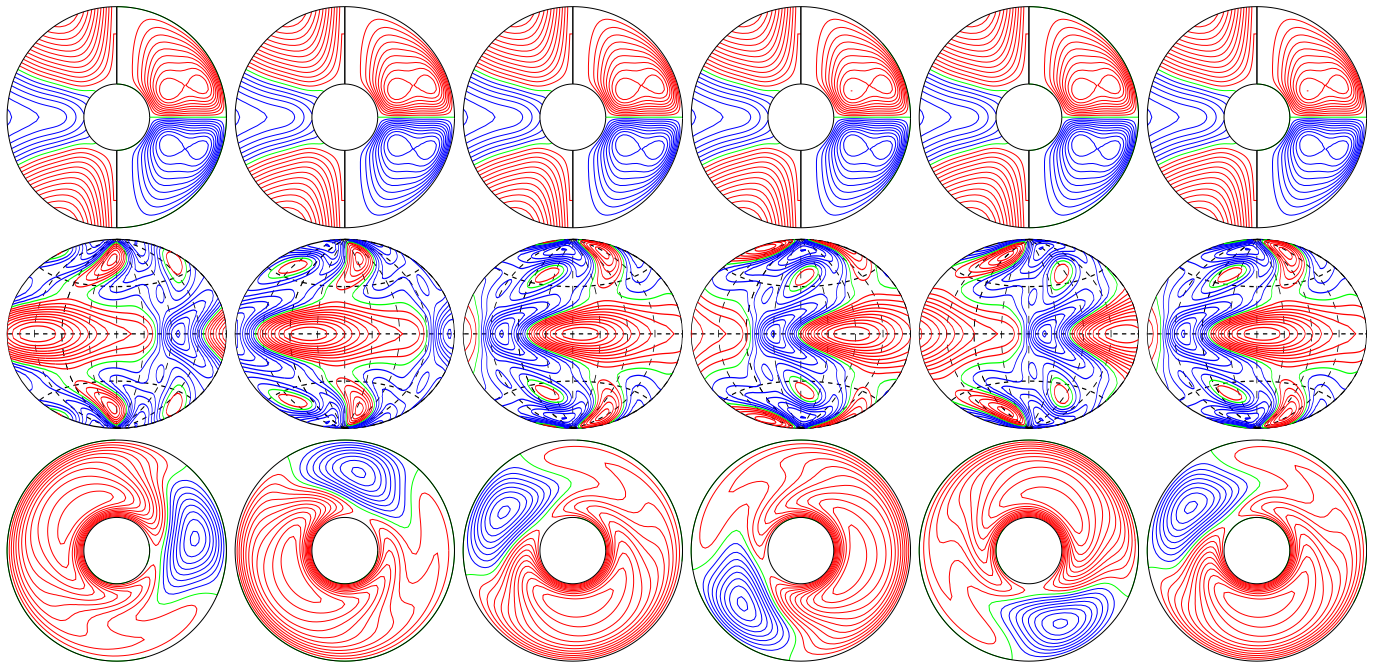
May 18, 2015



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times: 6.400005 7.680006 8.960007 10.24001 11.52001 15.36001

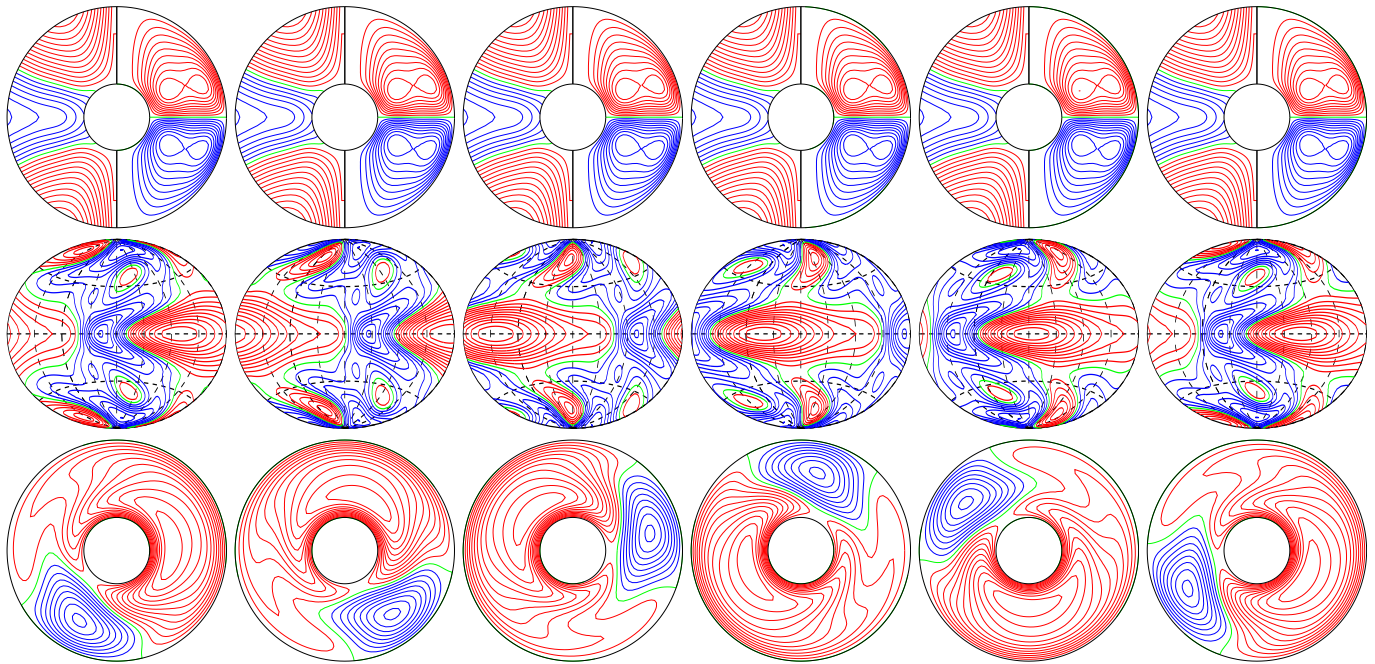
May 18, 2015



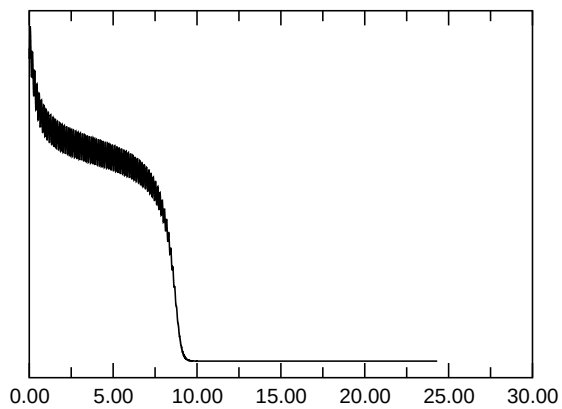
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times: 17.92001 19.20001 20.48001 21.76001 23.04001 24.32001

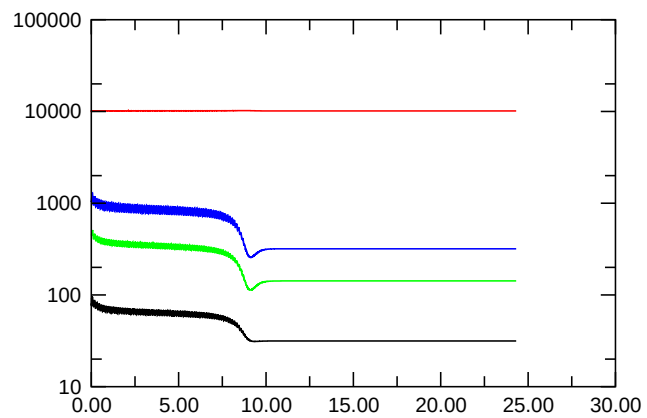
May 18, 2015



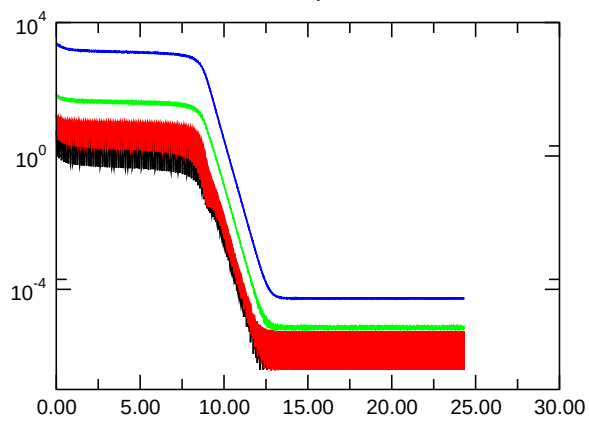
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 E_{kin}



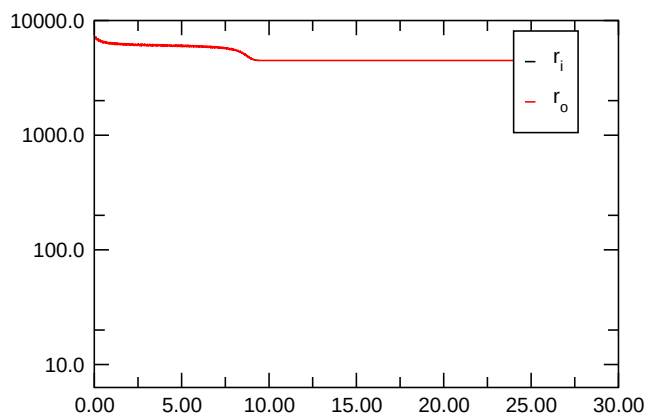
$E_{\text{kin,symm.}}$



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



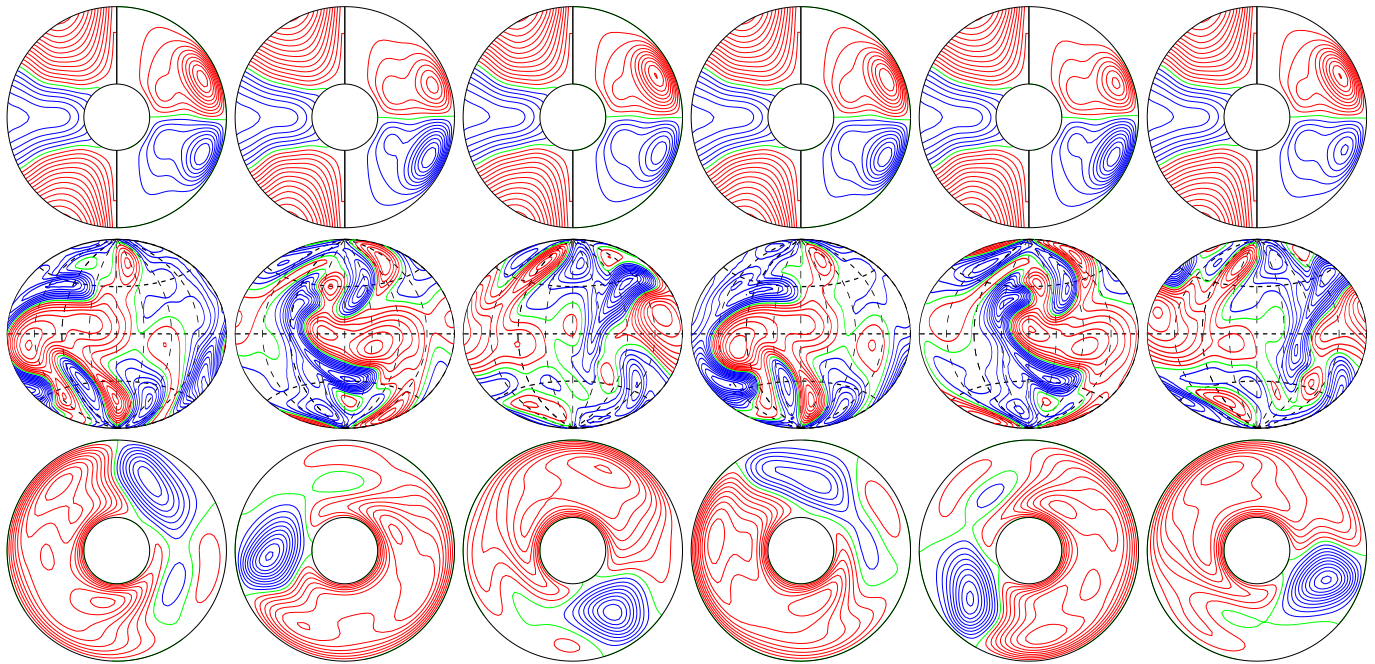
Nusselt Number



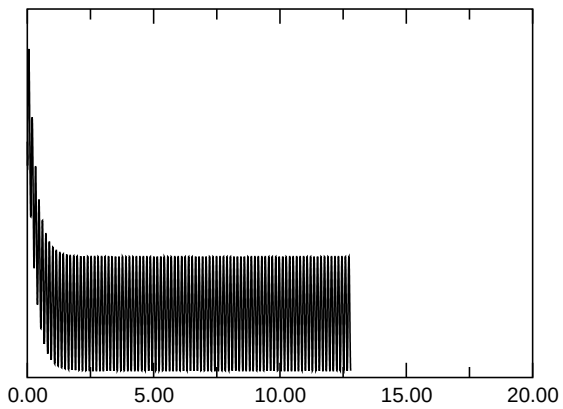
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times: 6.400005 7.680006 8.960007 10.24001 11.52001 12.80001

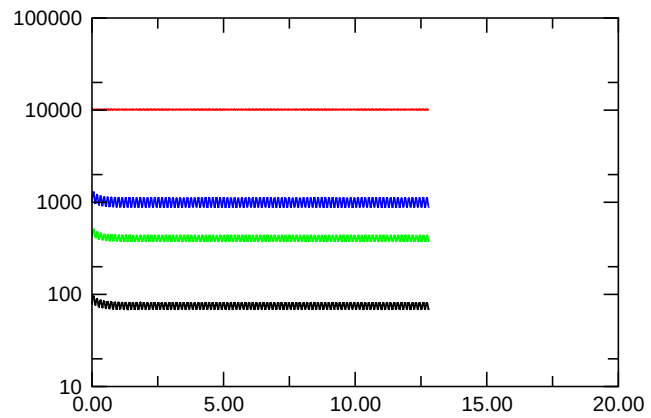
May 18, 2015



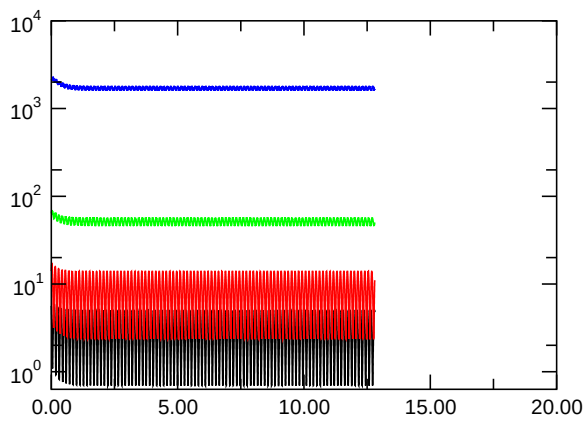
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 E_{kin}



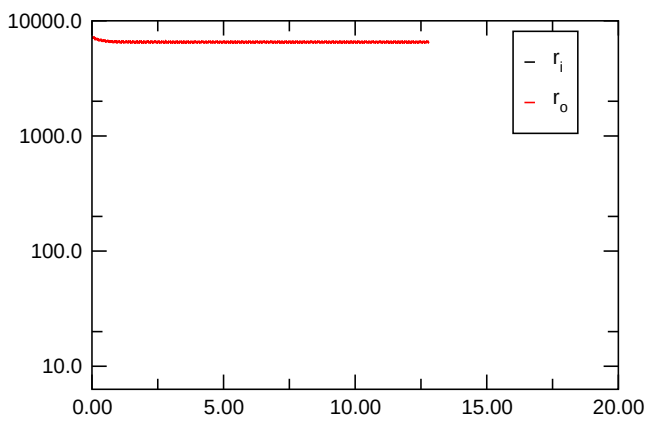
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$E_{\text{kin,asymm.}}$



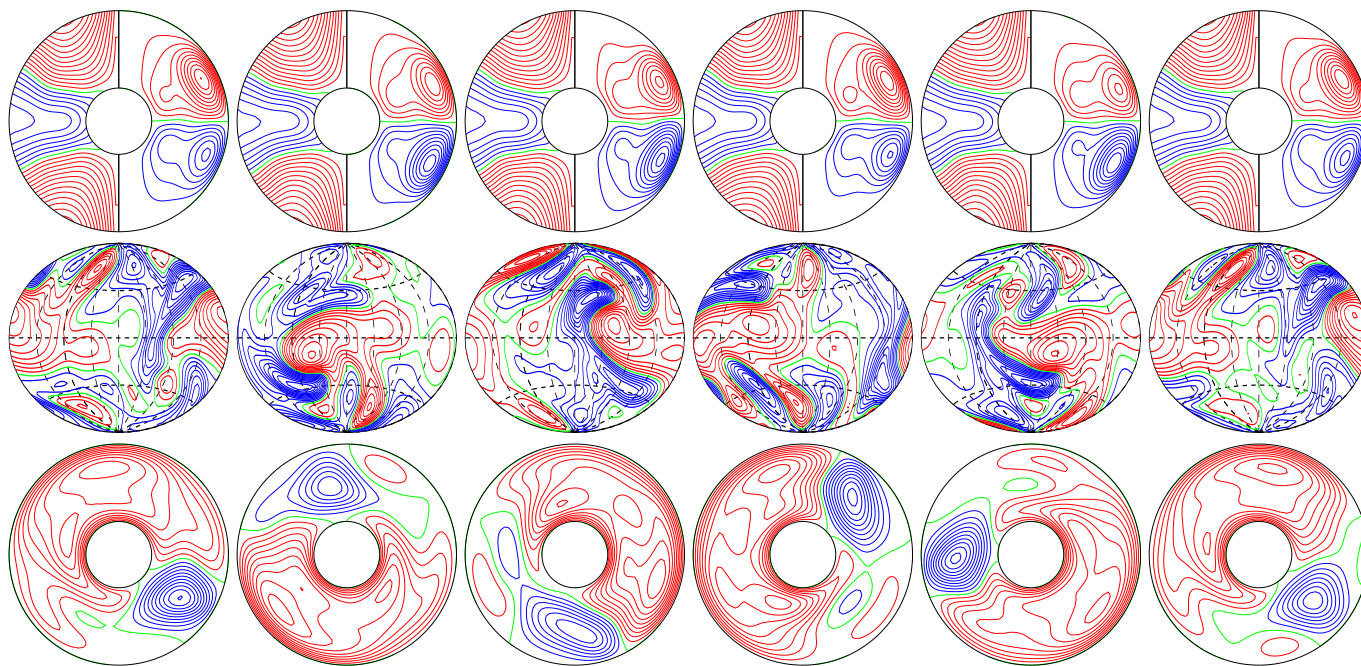
Nusselt Number



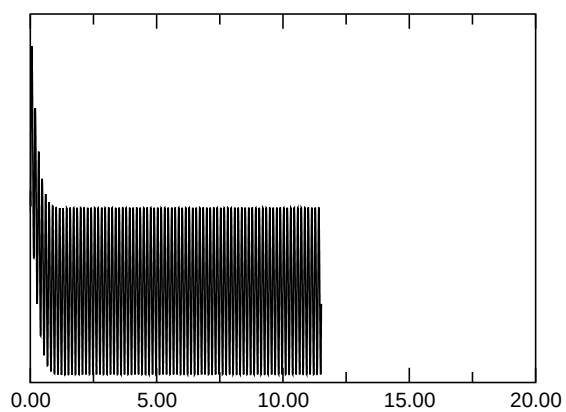
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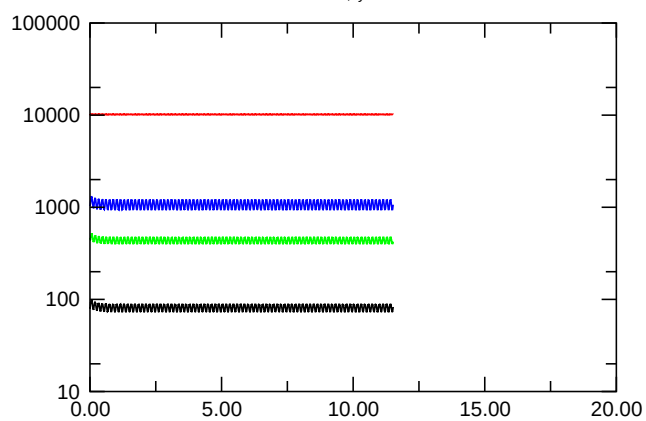
times: 5.120004 6.400005 7.680006 8.960007 10.24001 11.52001



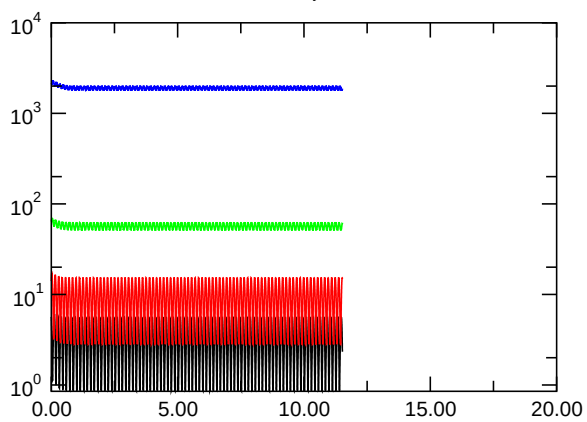
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 E_{kin}



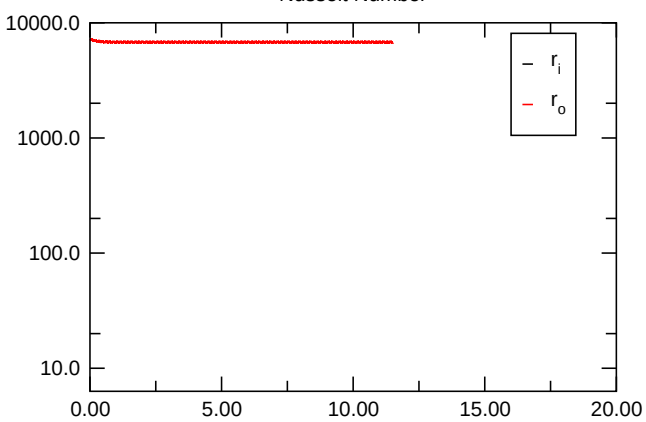
$E_{\text{kin,symm.}}$



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



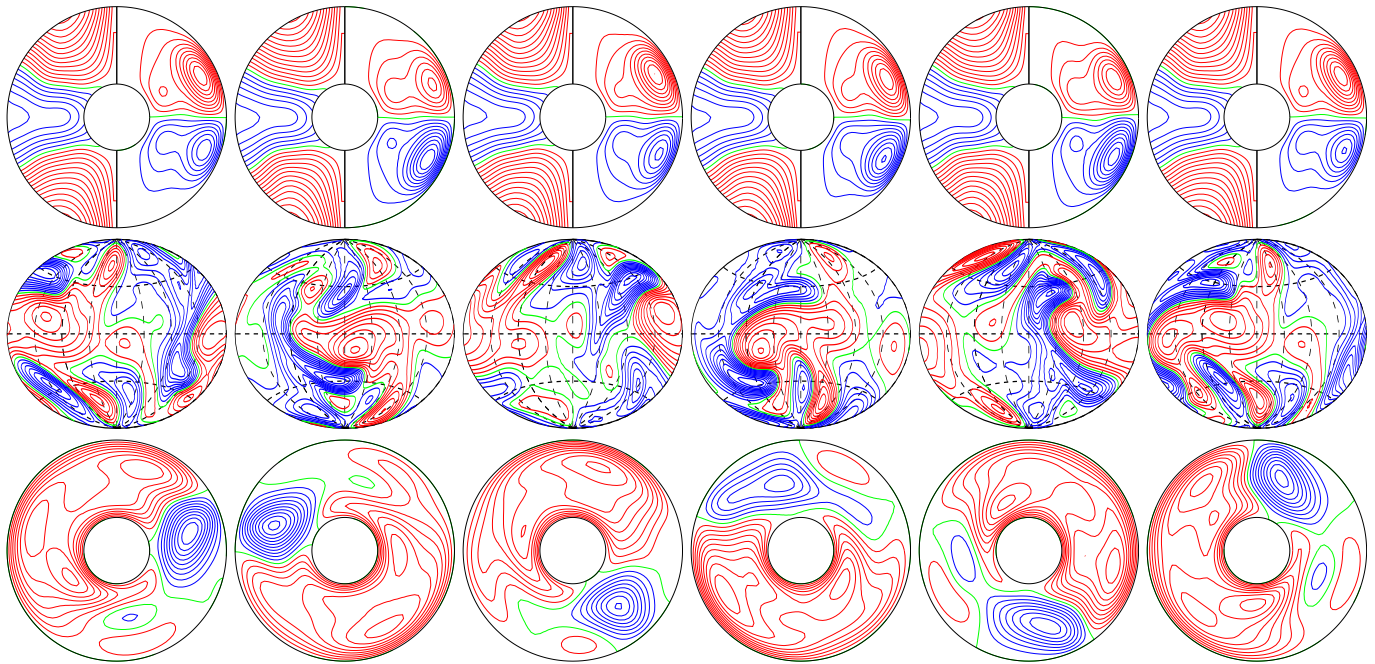
Nusselt Number



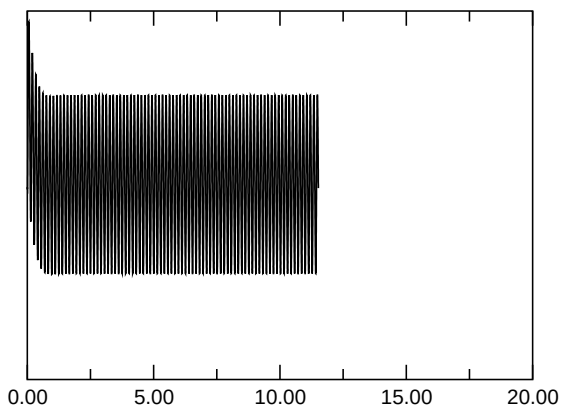
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times: 5.120004 6.400005 7.680006 8.960007 10.24001 11.52001

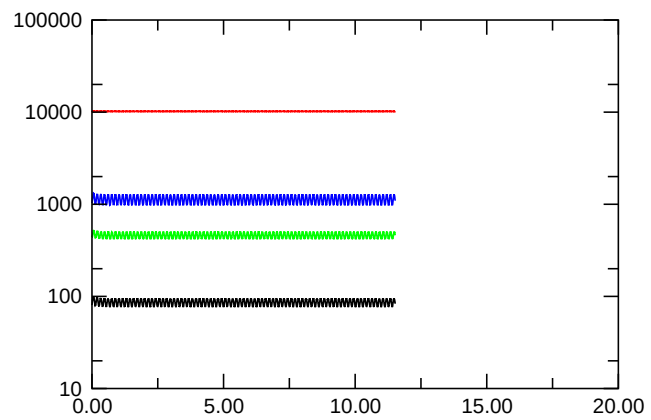
May 18, 2015



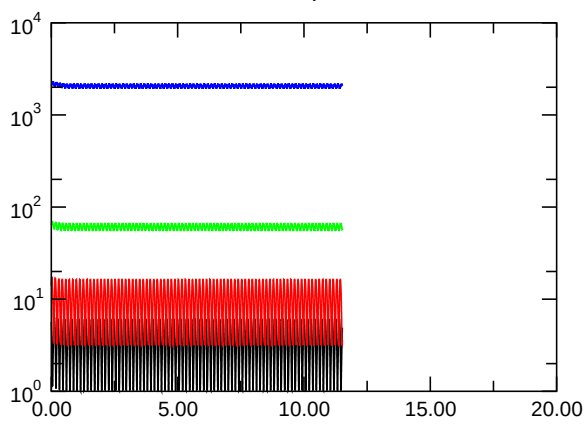
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 E_{kin}



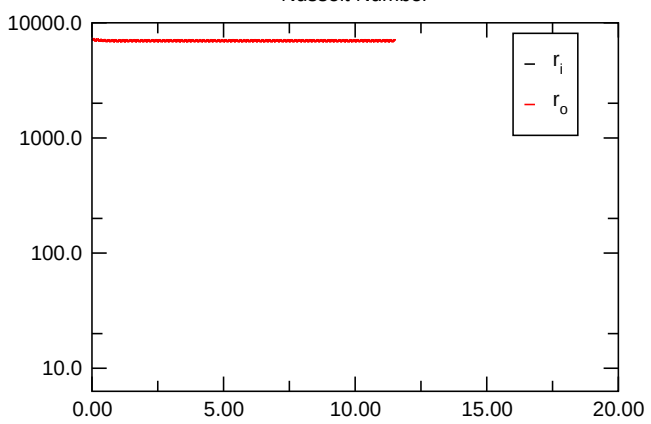
$E_{\text{kin, symm.}}$



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

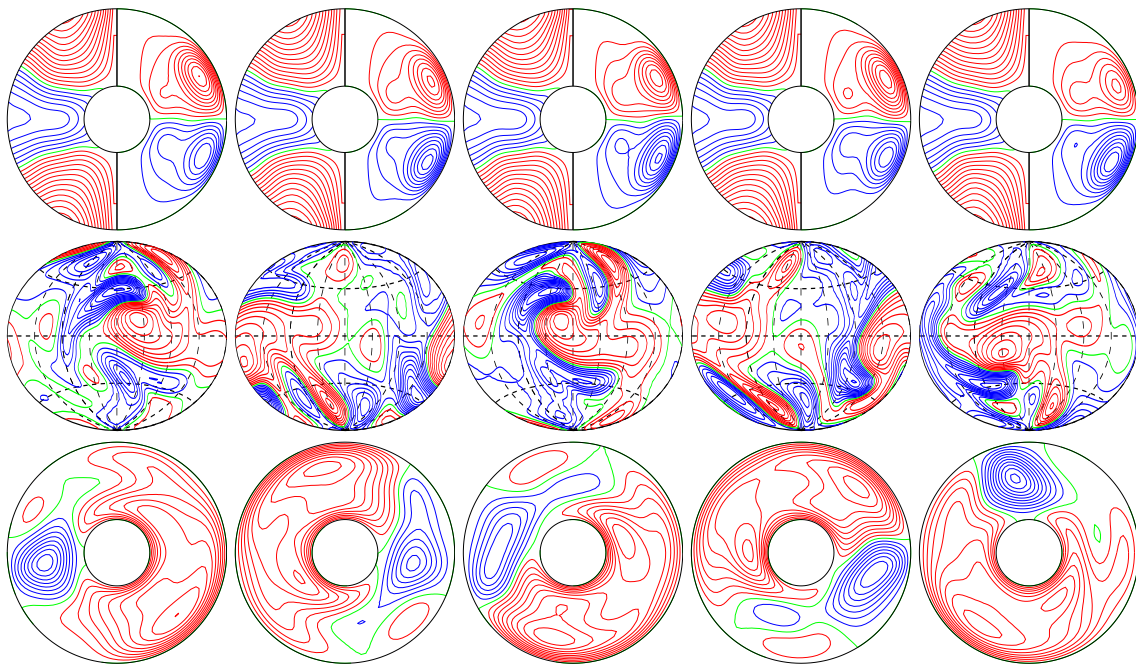


Nusselt Number

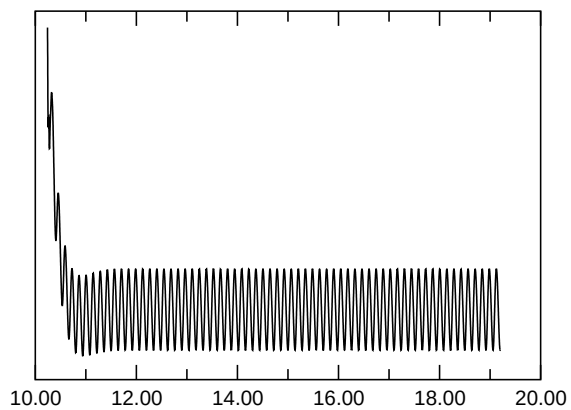


a.e03p1t03r-10m1n2N1z1.23e5.8
times: 11.52001 12.80001 14.08001 15.36001 19.20001

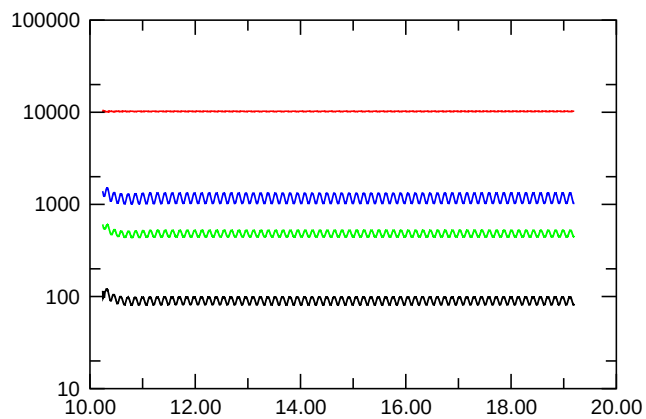
May 18, 2015



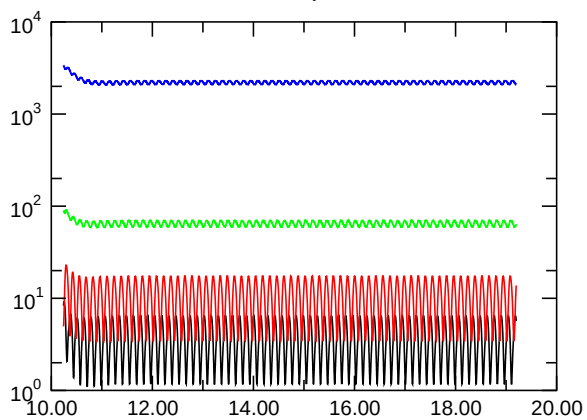
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 E_{kin}



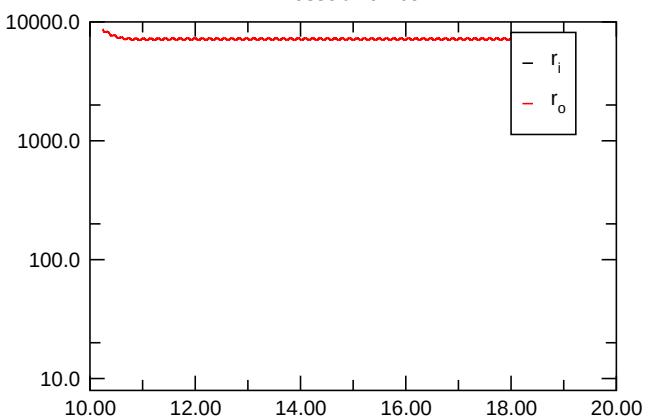
$E_{\text{kin,symm.}}$



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

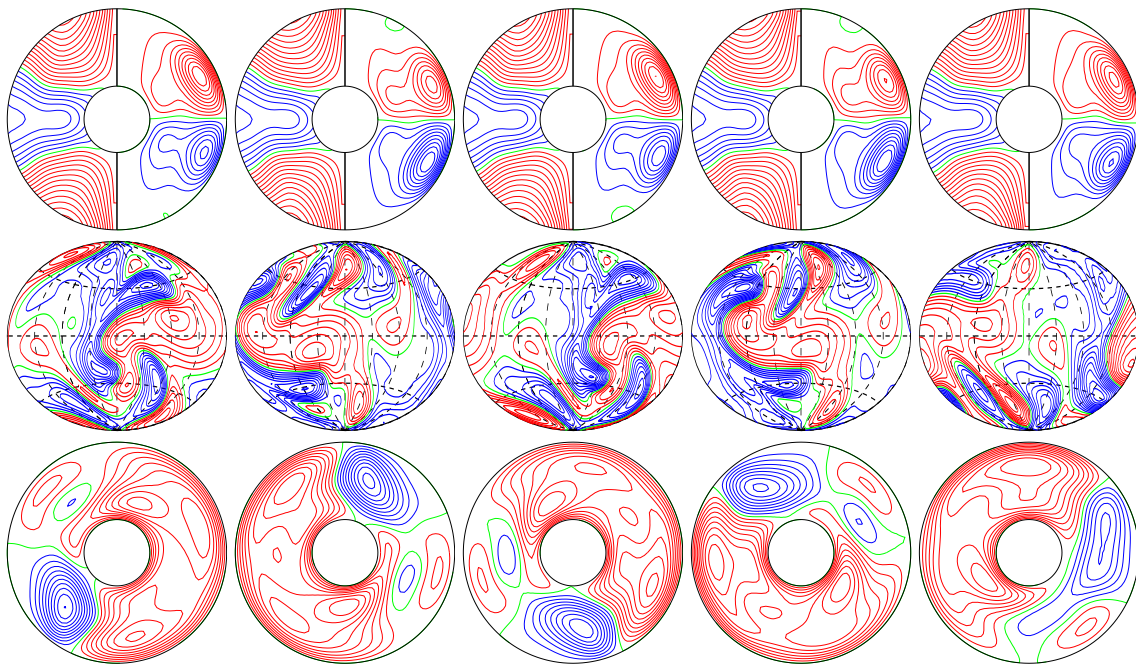


Nusselt Number

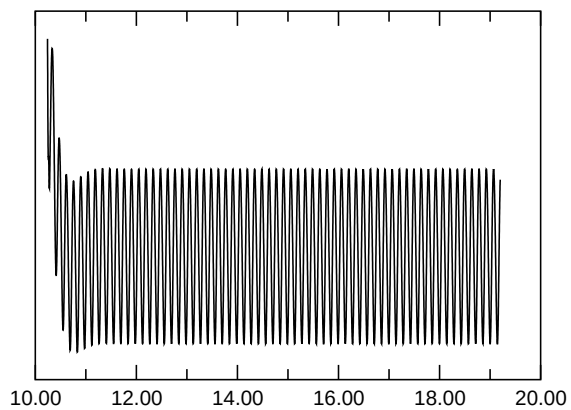


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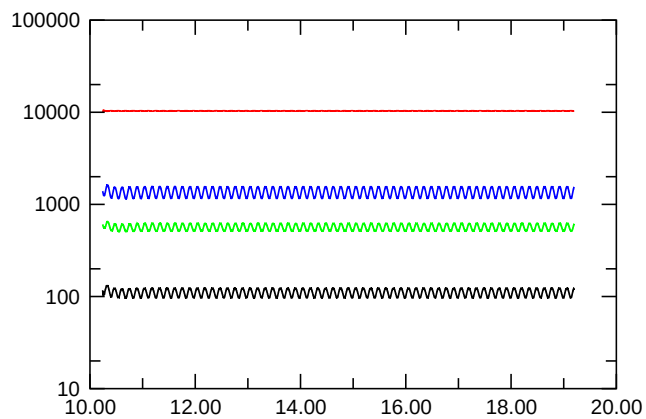
May 18, 2015



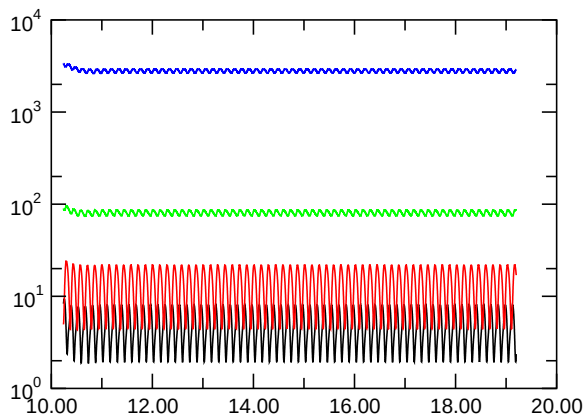
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 E_{kin}



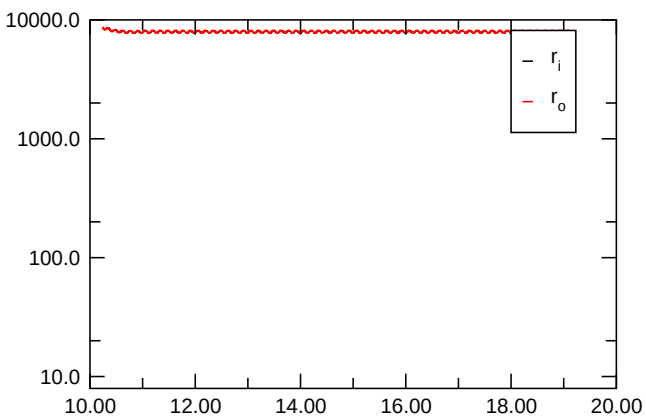
$E_{\text{kin,symm.}}$



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



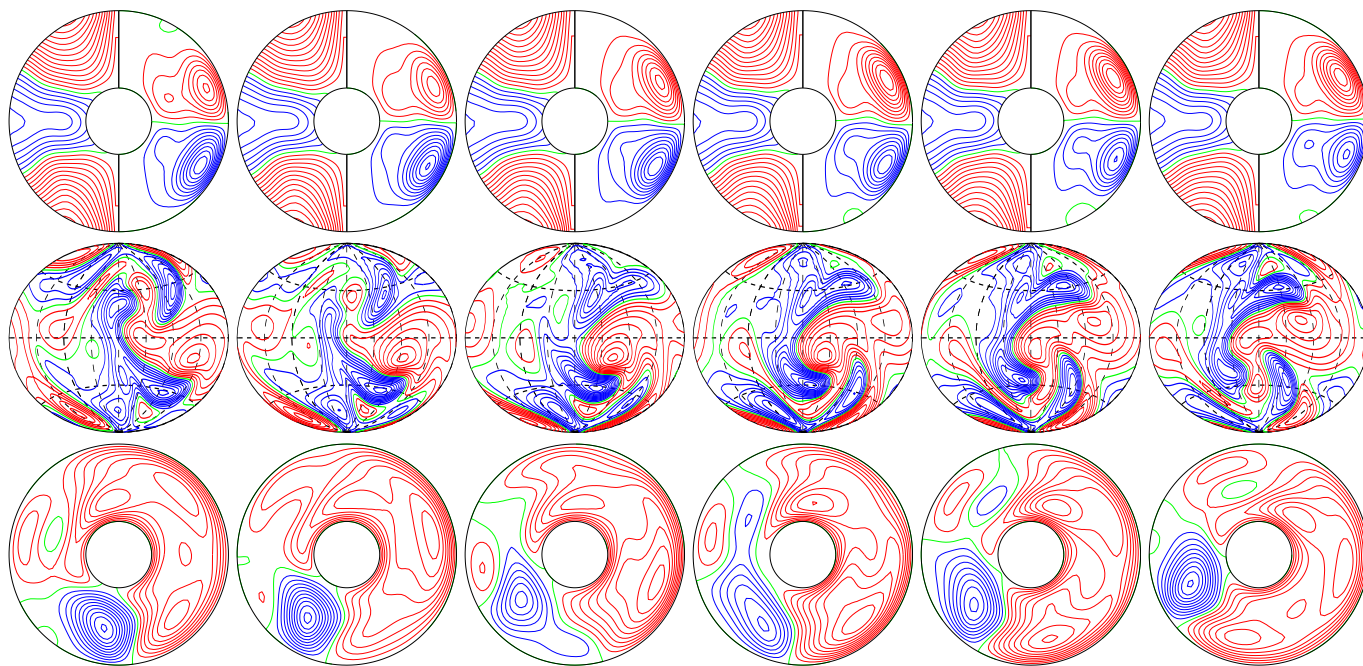
Nusselt Number



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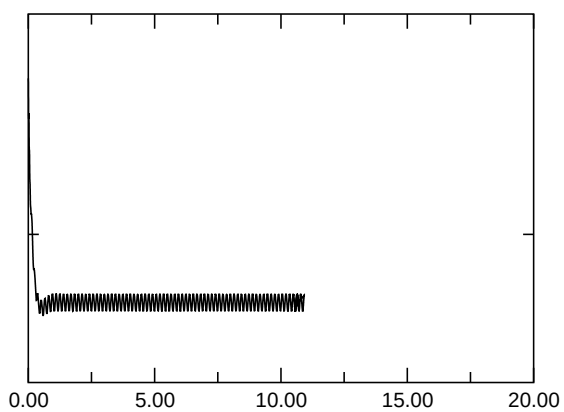
times: 10.54329 10.57258 10.60187 10.63116 10.66045 10.68974

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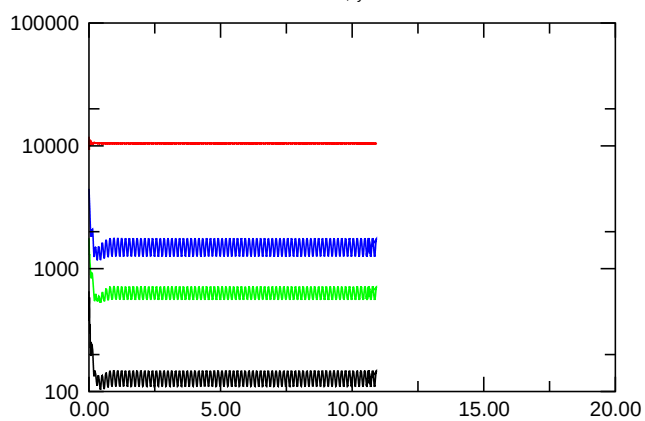


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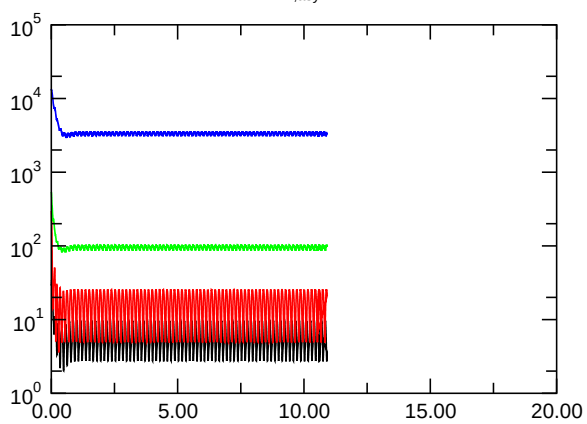
E_{kin}



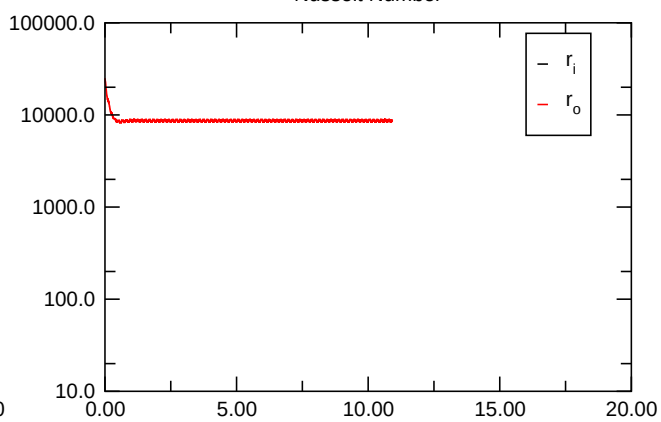
$E_{\text{kin, symm.}}$



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

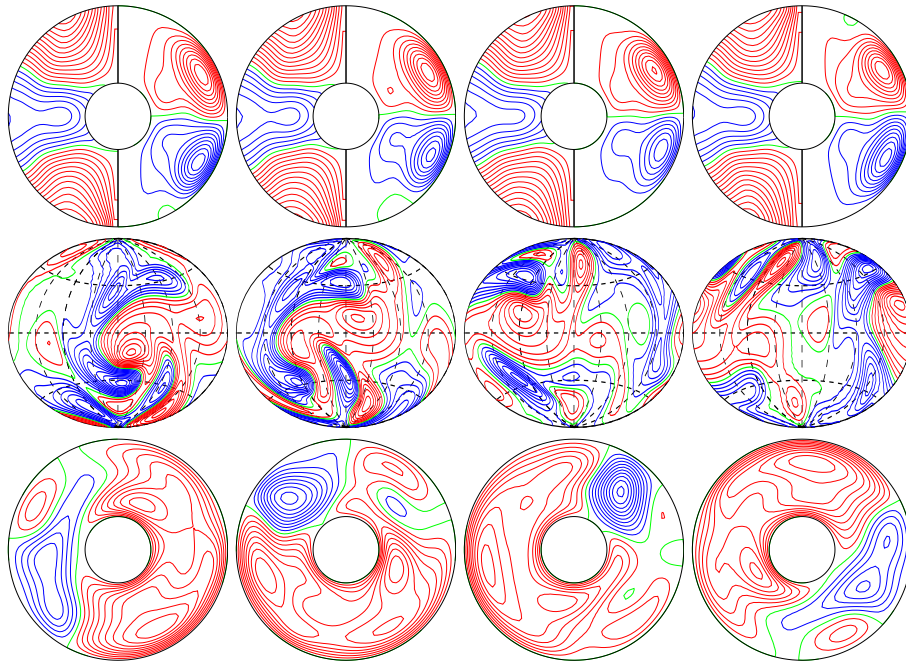


Nusselt Number



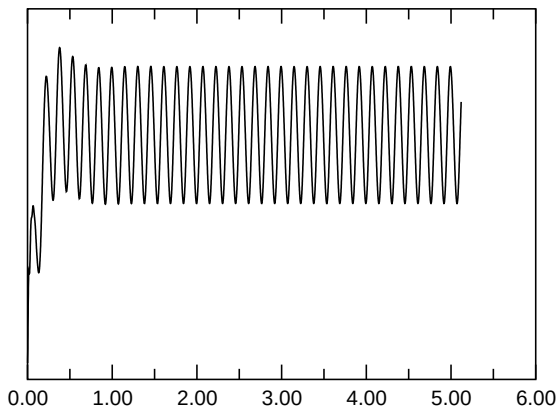
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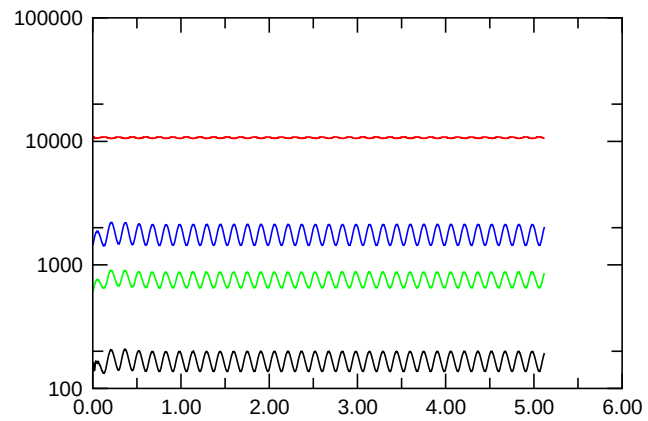


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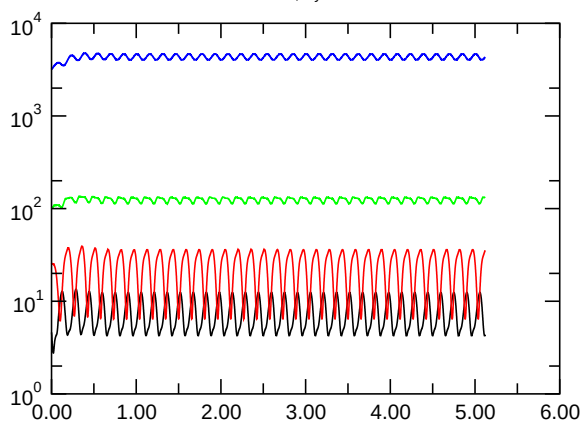
E_{kin}



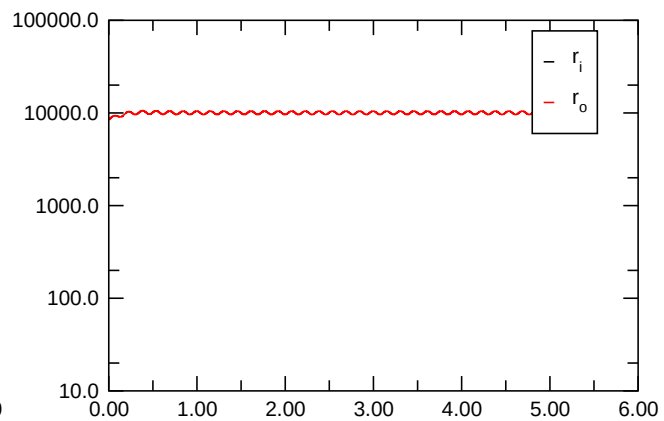
$E_{kin,symm.}$



$E_{kin,asymm.}$



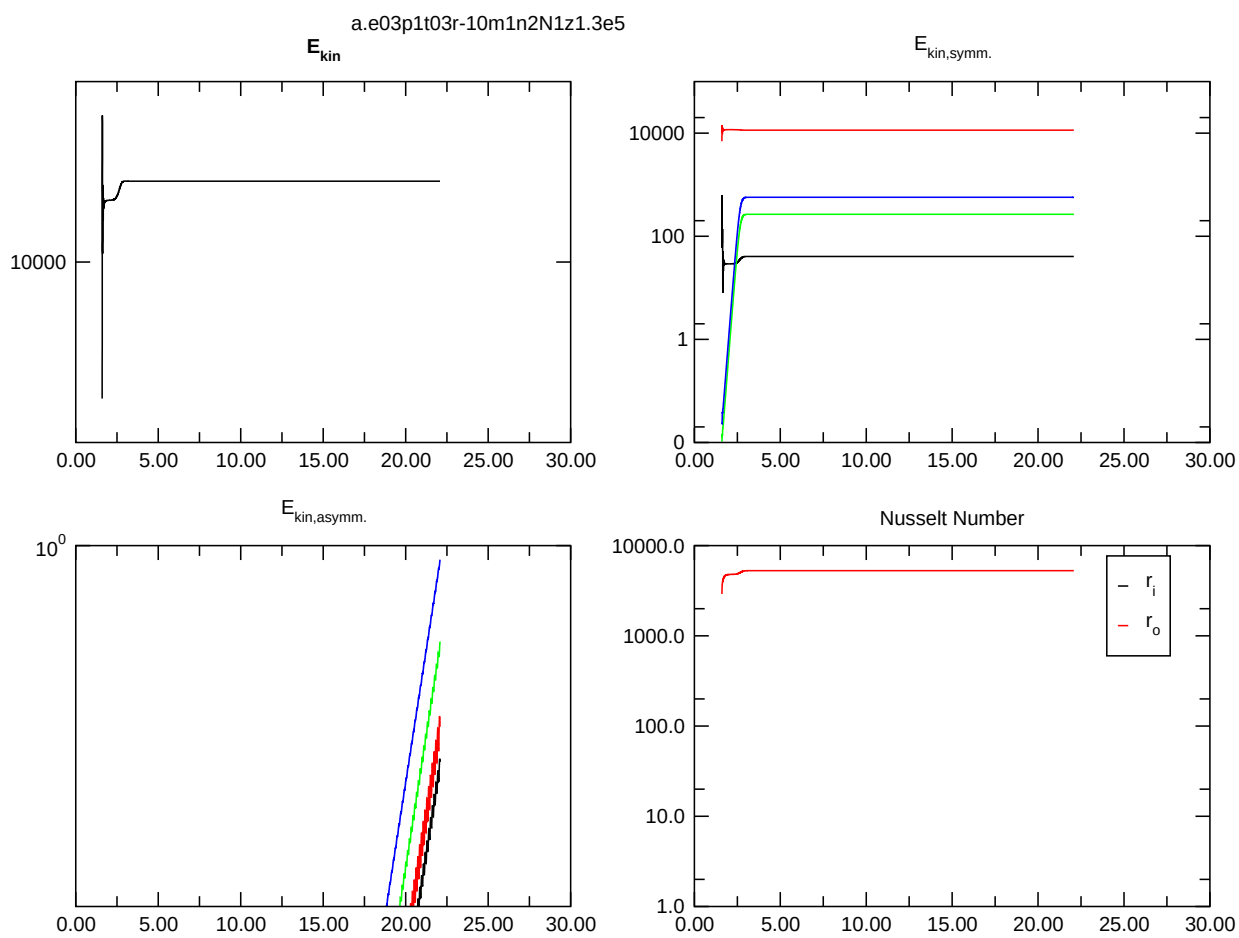
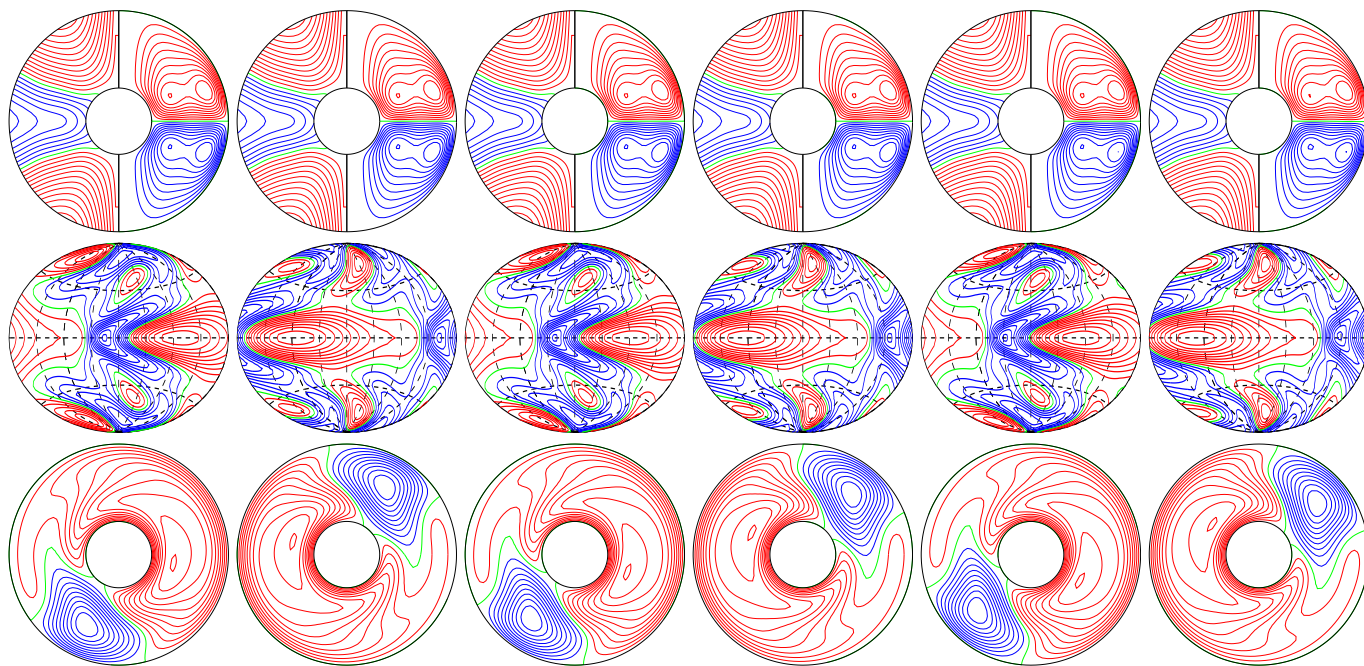
Nusselt Number



a.e03p1t03r-10m1n2N1z1.3e5.20

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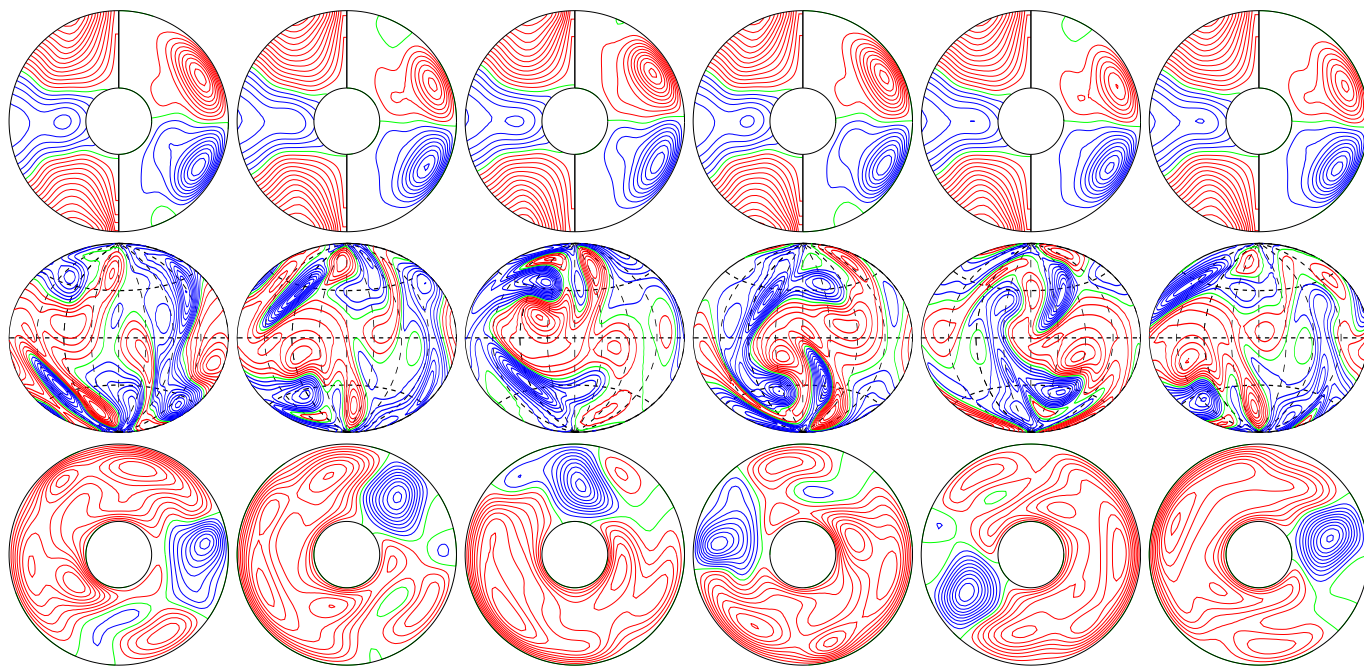
May 18, 2015



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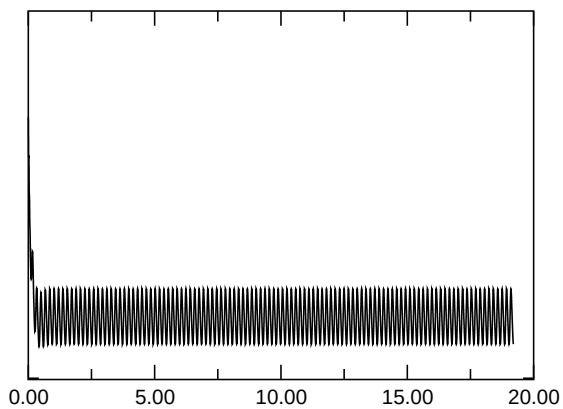
times: 10.24001 11.52001 12.80001 14.08001 15.36001 19.20001

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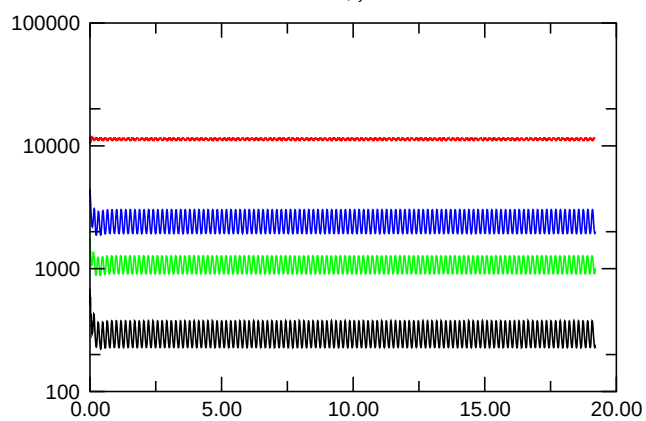


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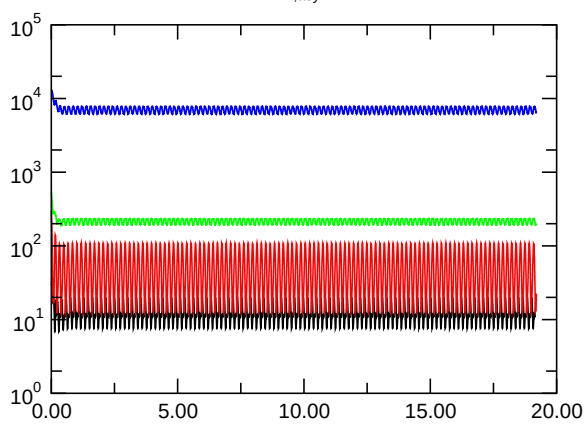
E_{kin}



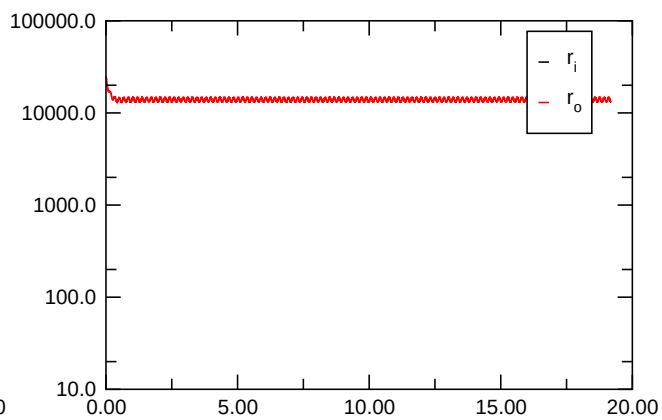
$E_{\text{kin,symm.}}$



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

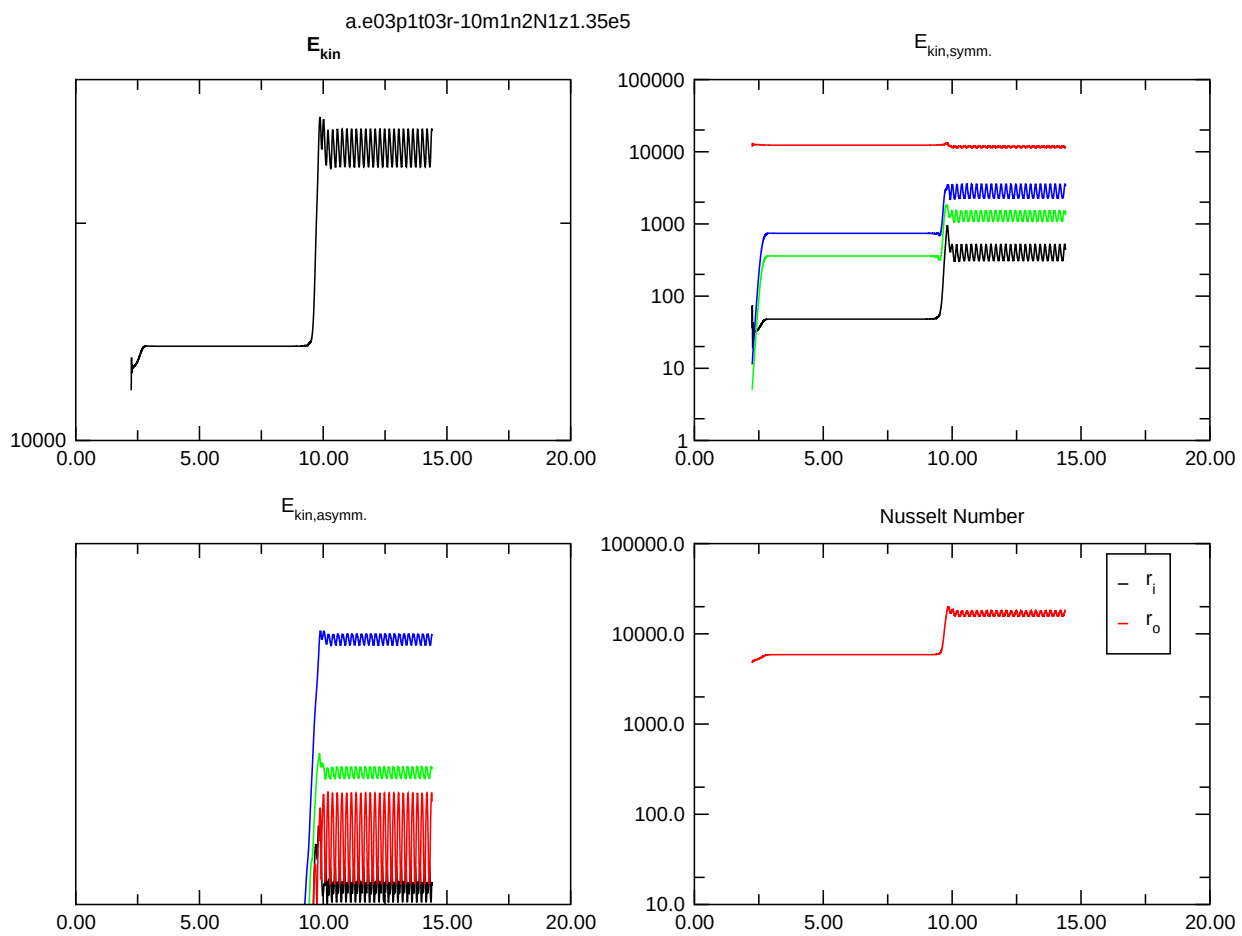
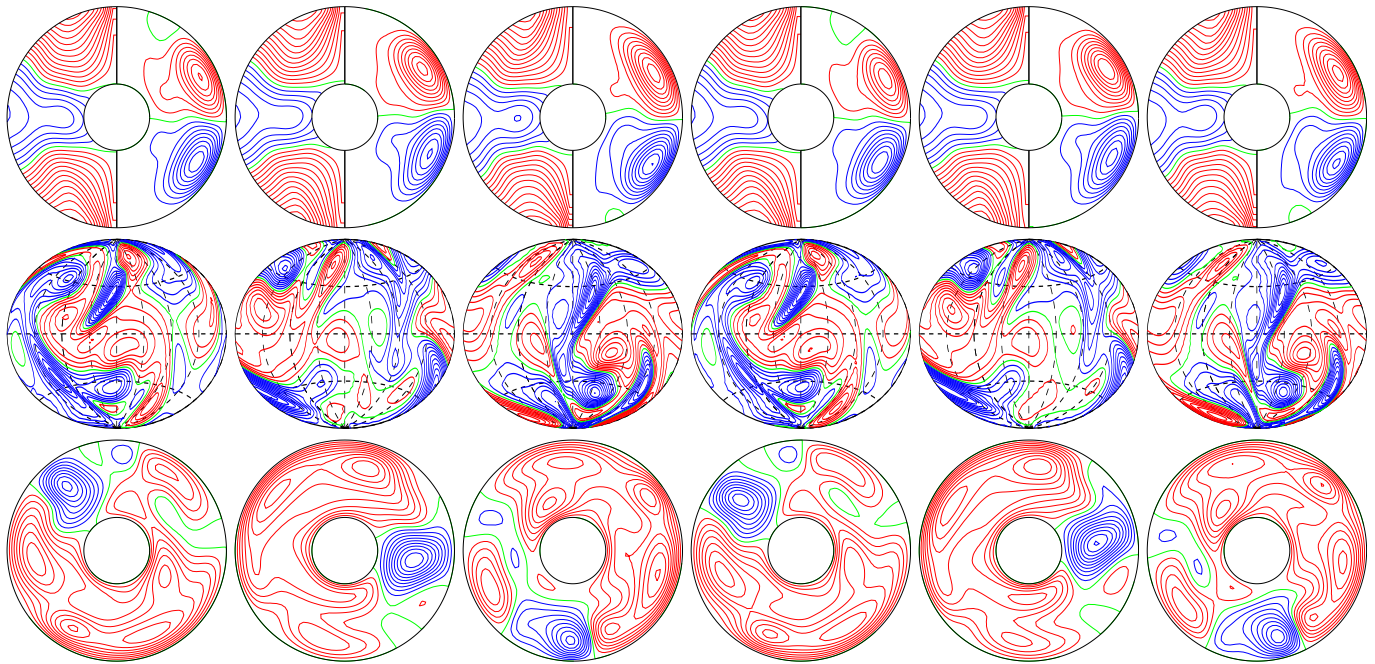


Nusselt Number



a.e03p1t03r-10m1n2N1z1.35e5.20
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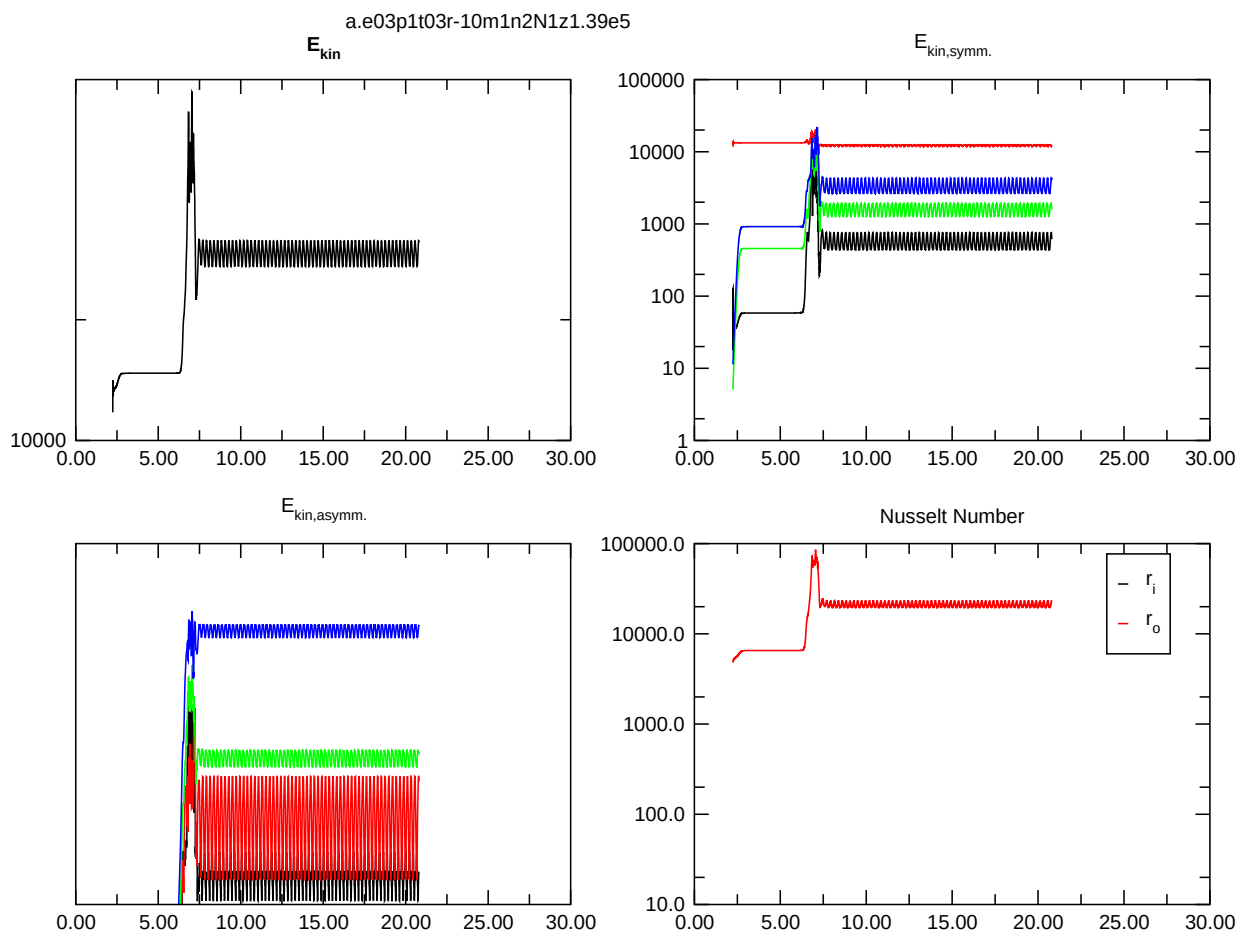
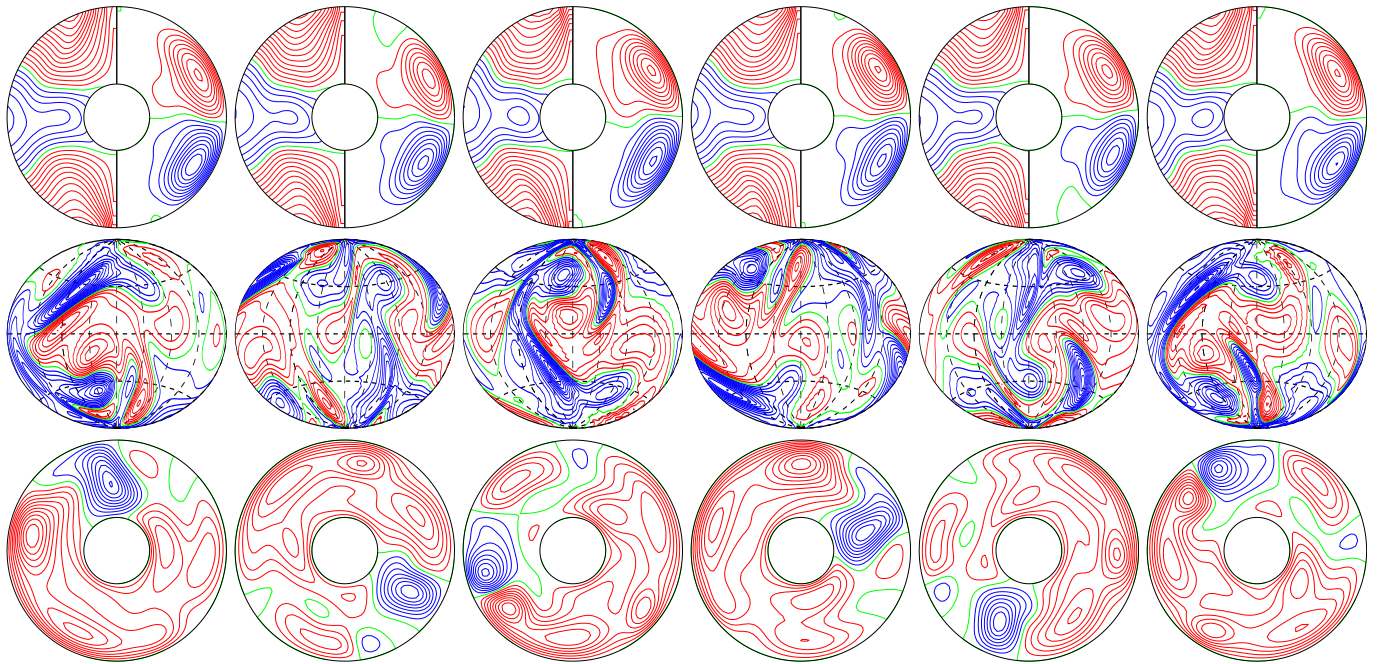
May 18, 2015



a.e03p1t03r-10m1n2N1z1.39e5.18

May 18, 2015

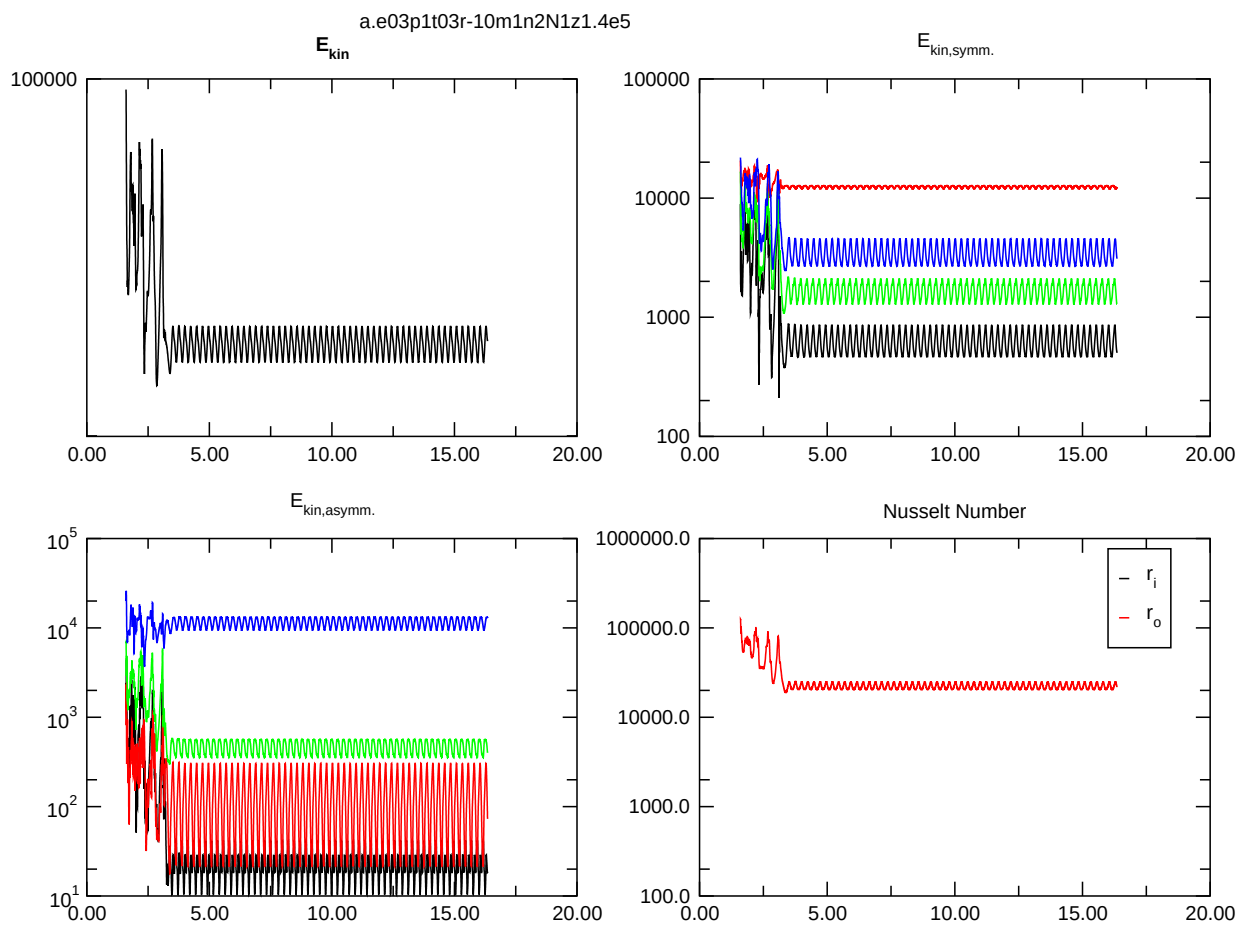
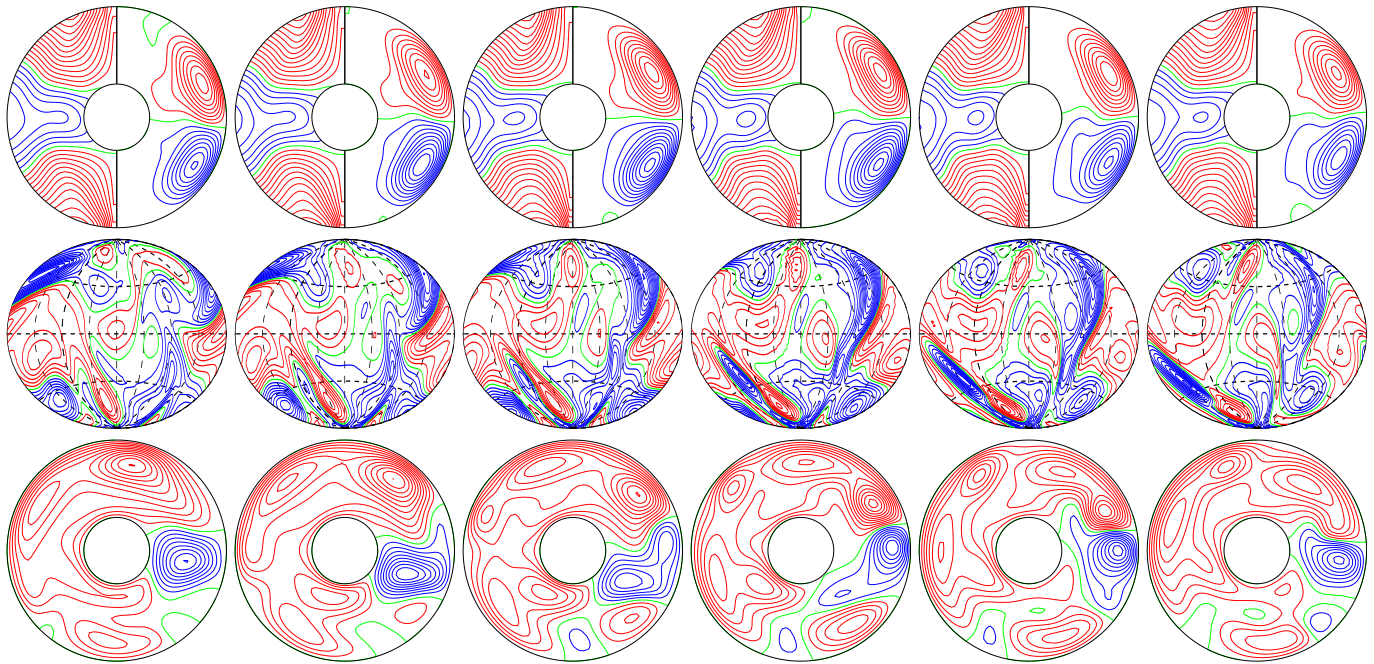
times: 14.40001 15.68001 16.96001 18.24001 19.52001 20.80001



a.e03p1t03r-10m1n2N1z1.4e5.50

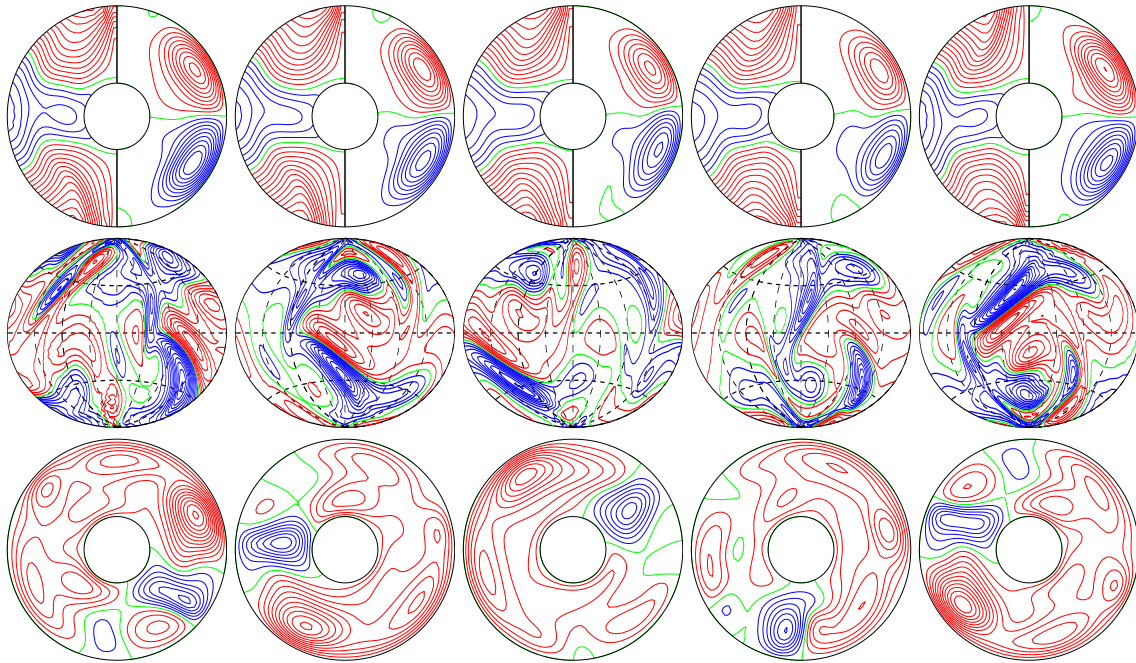
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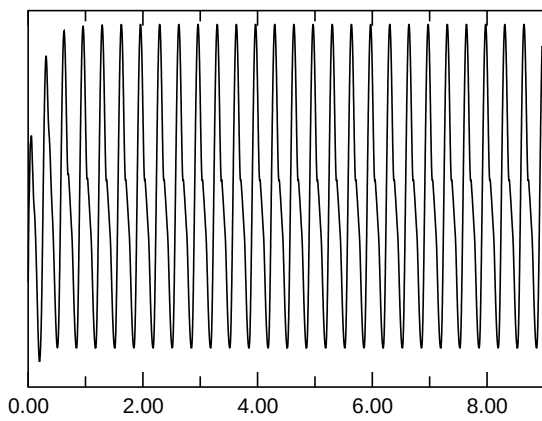
a.e03p1t03r-10m1n2N1z1.42e5.8
times: 1.280001 2.560002 3.840003 5.120004 8.960007

May 18, 2015

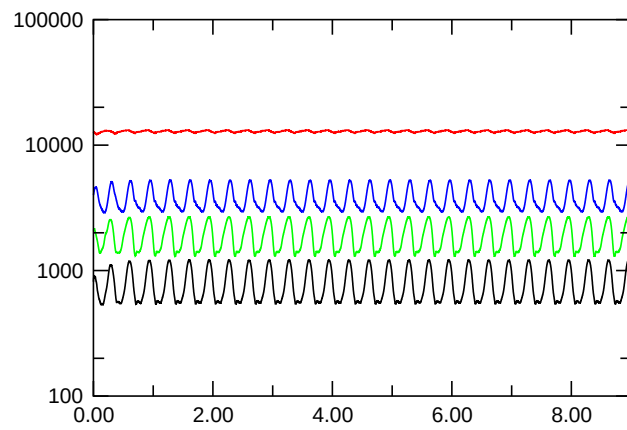


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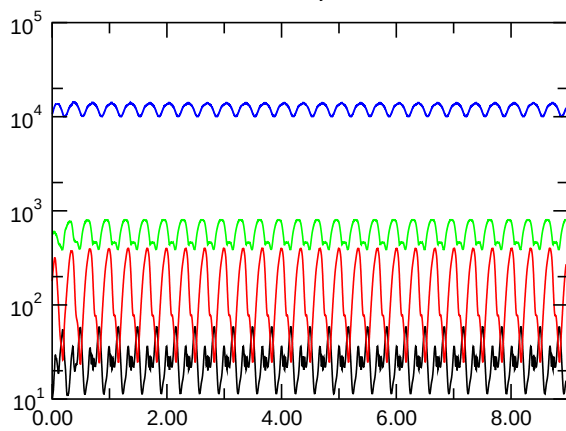
E_{kin}



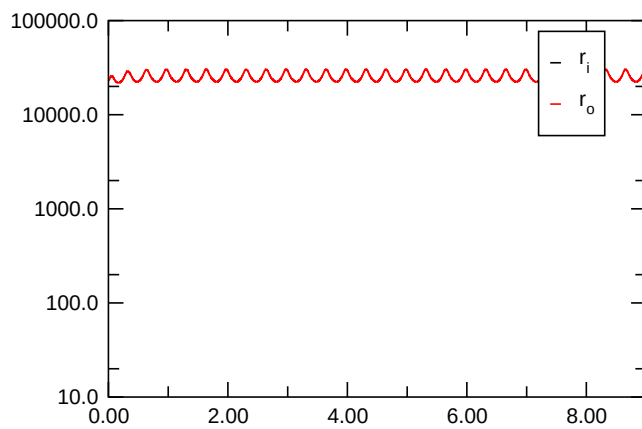
$E_{\text{kin,symm.}}$



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



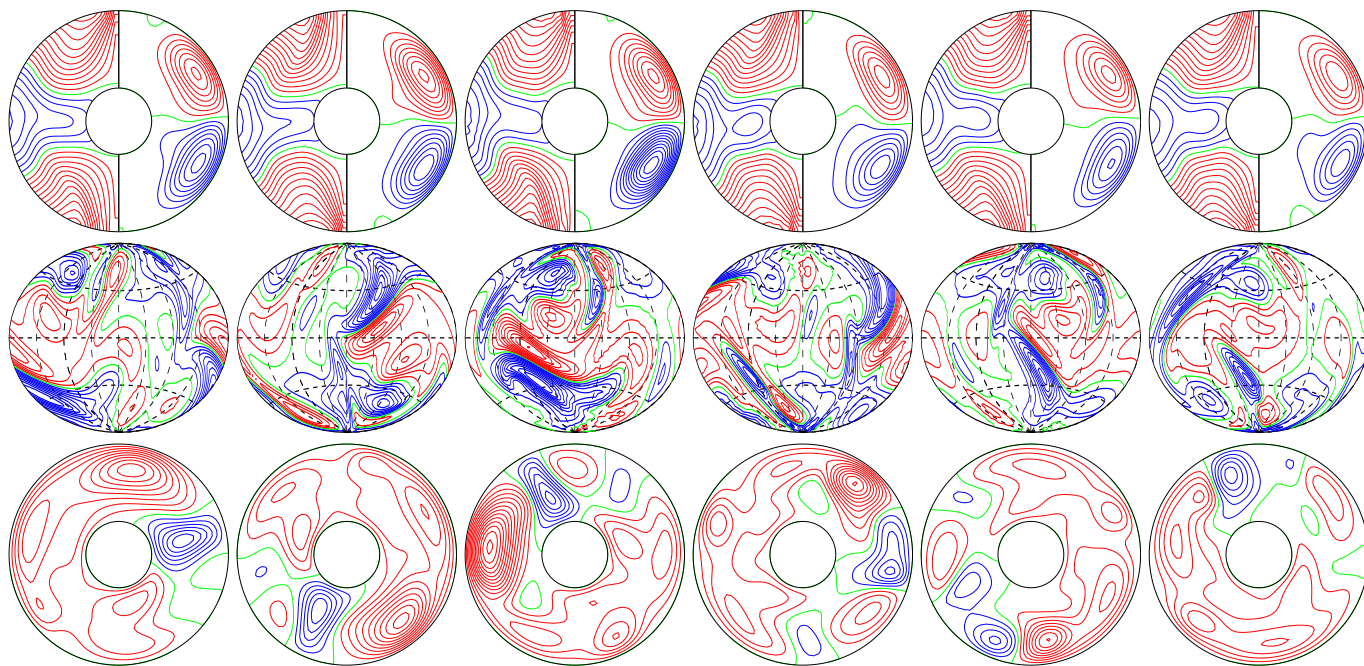
Nusselt Number



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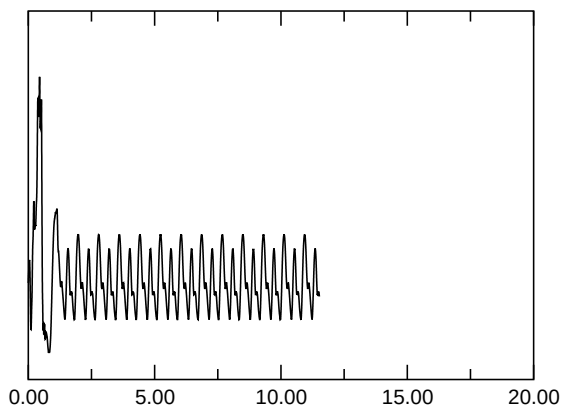
May 18, 2015

times: 5.120004 6.400005 7.680006 8.960007 10.24001 11.52001

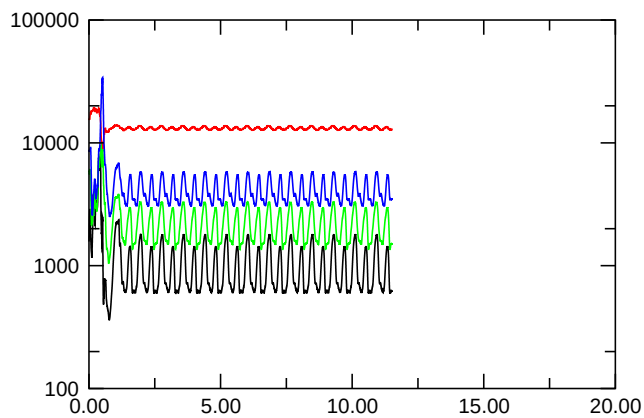


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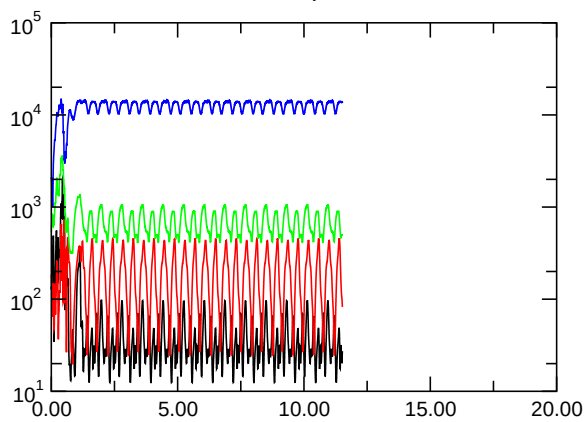
E_{kin}



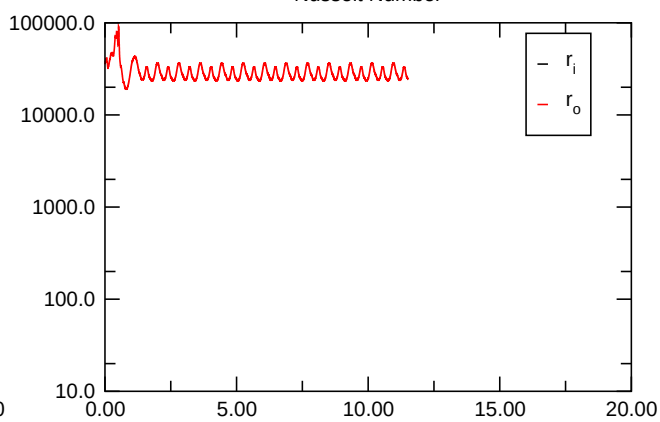
$E_{\text{kin,symm.}}$



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



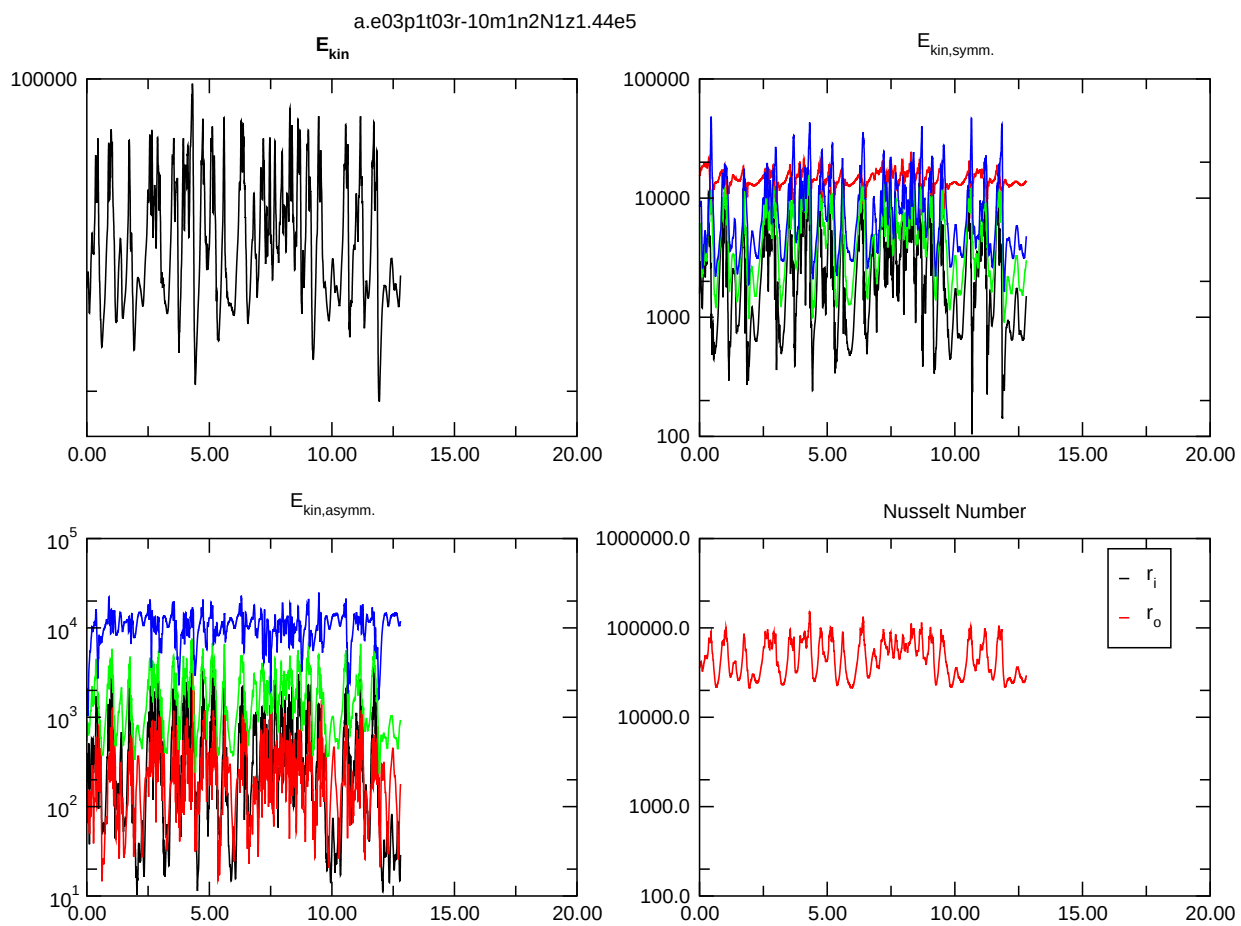
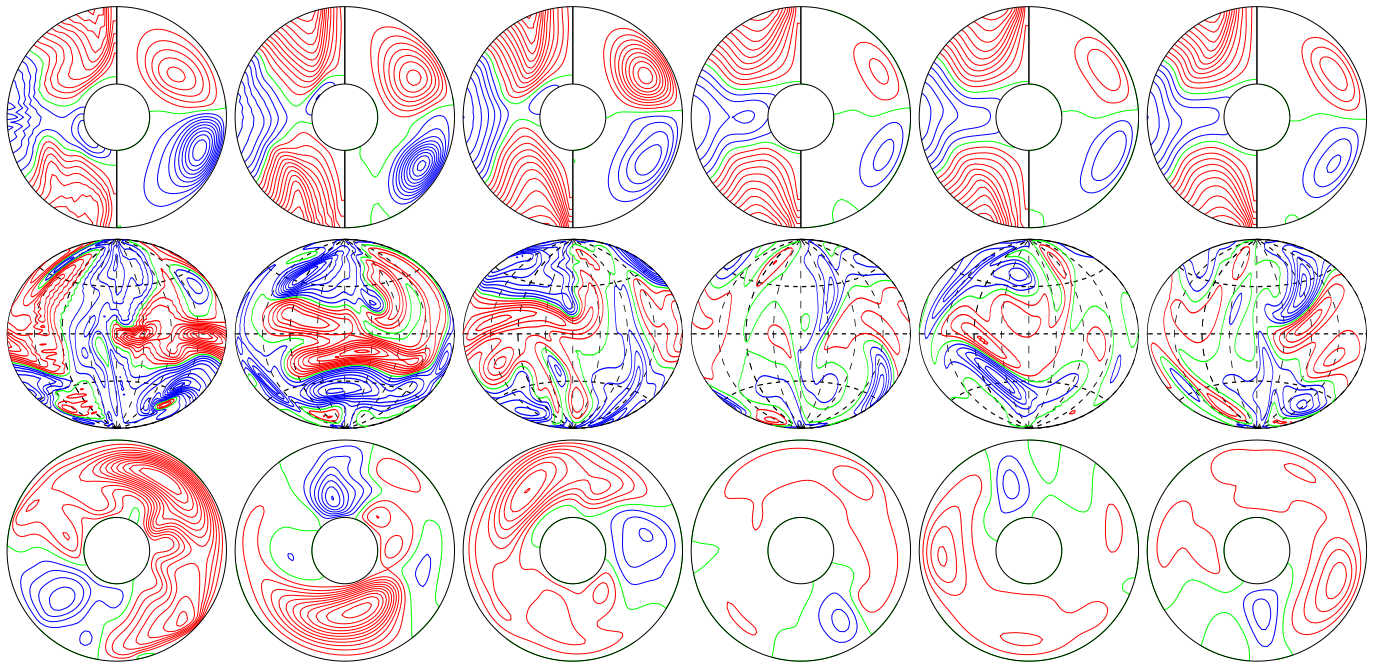
Nusselt Number



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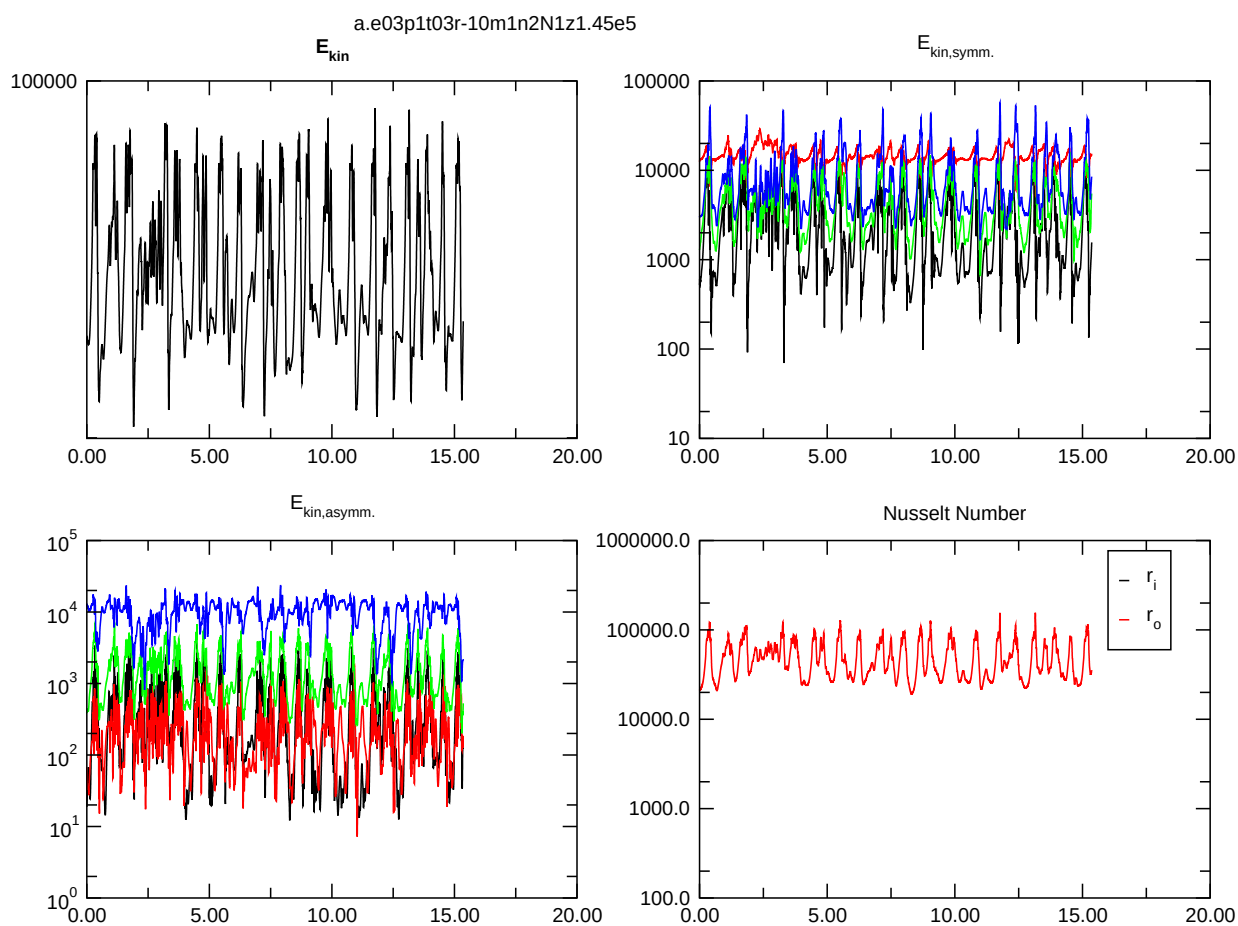
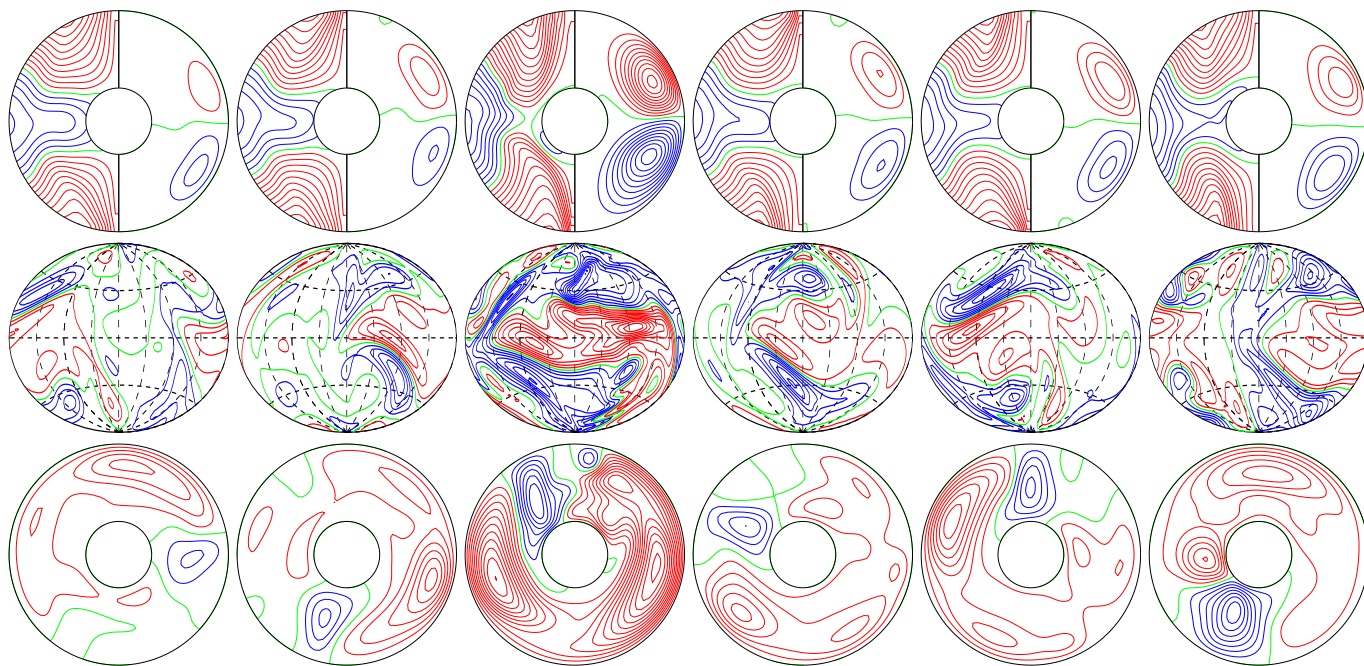
May 18, 2015



a.e03p1t03r-10m1n2N1z1.45e5.13

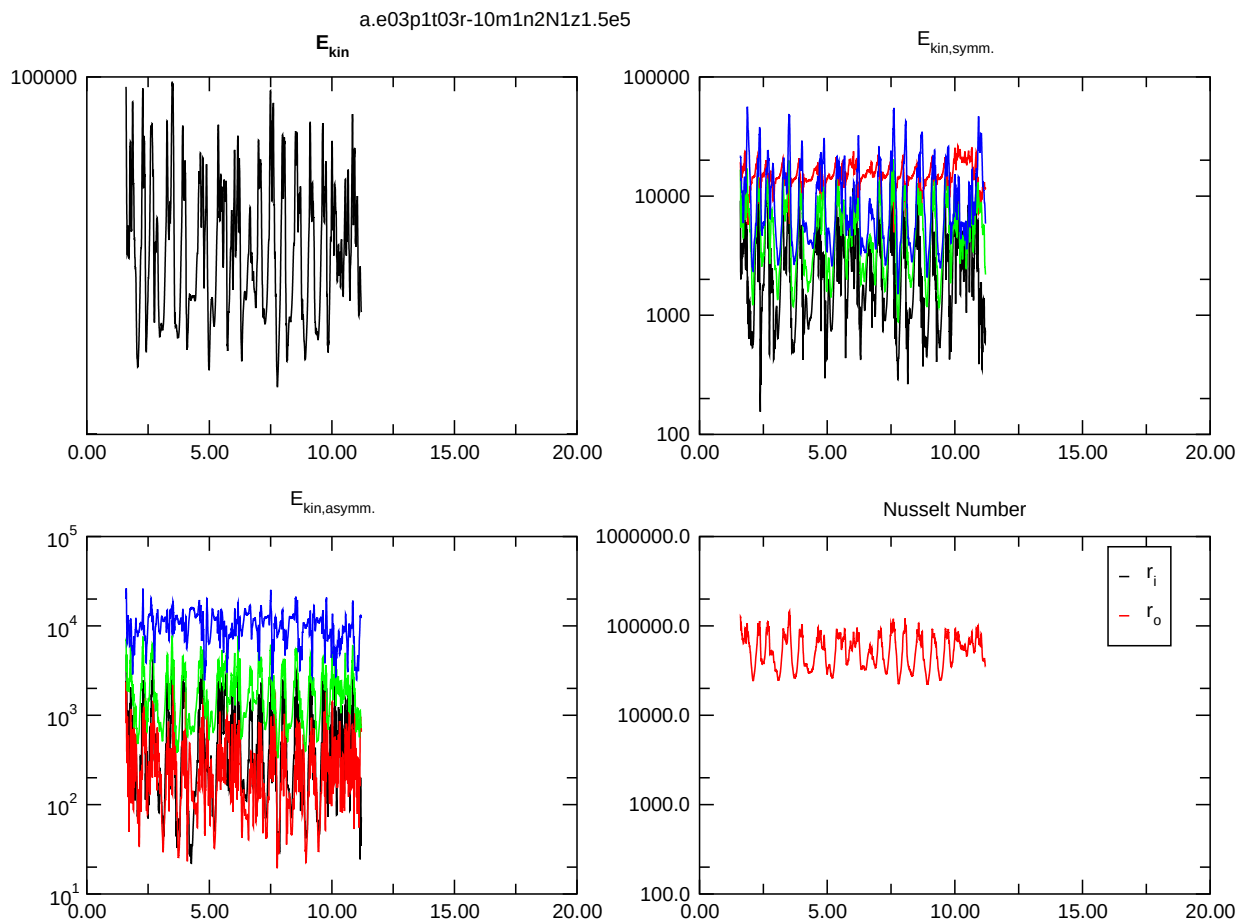
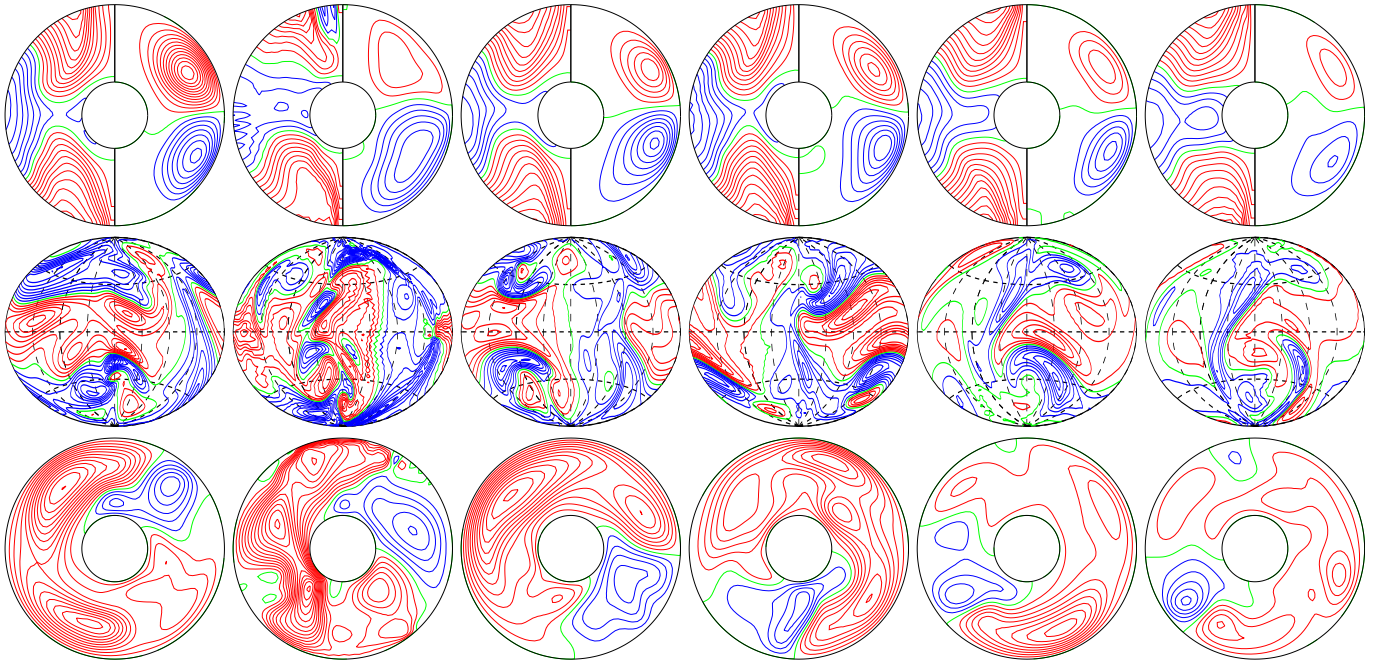
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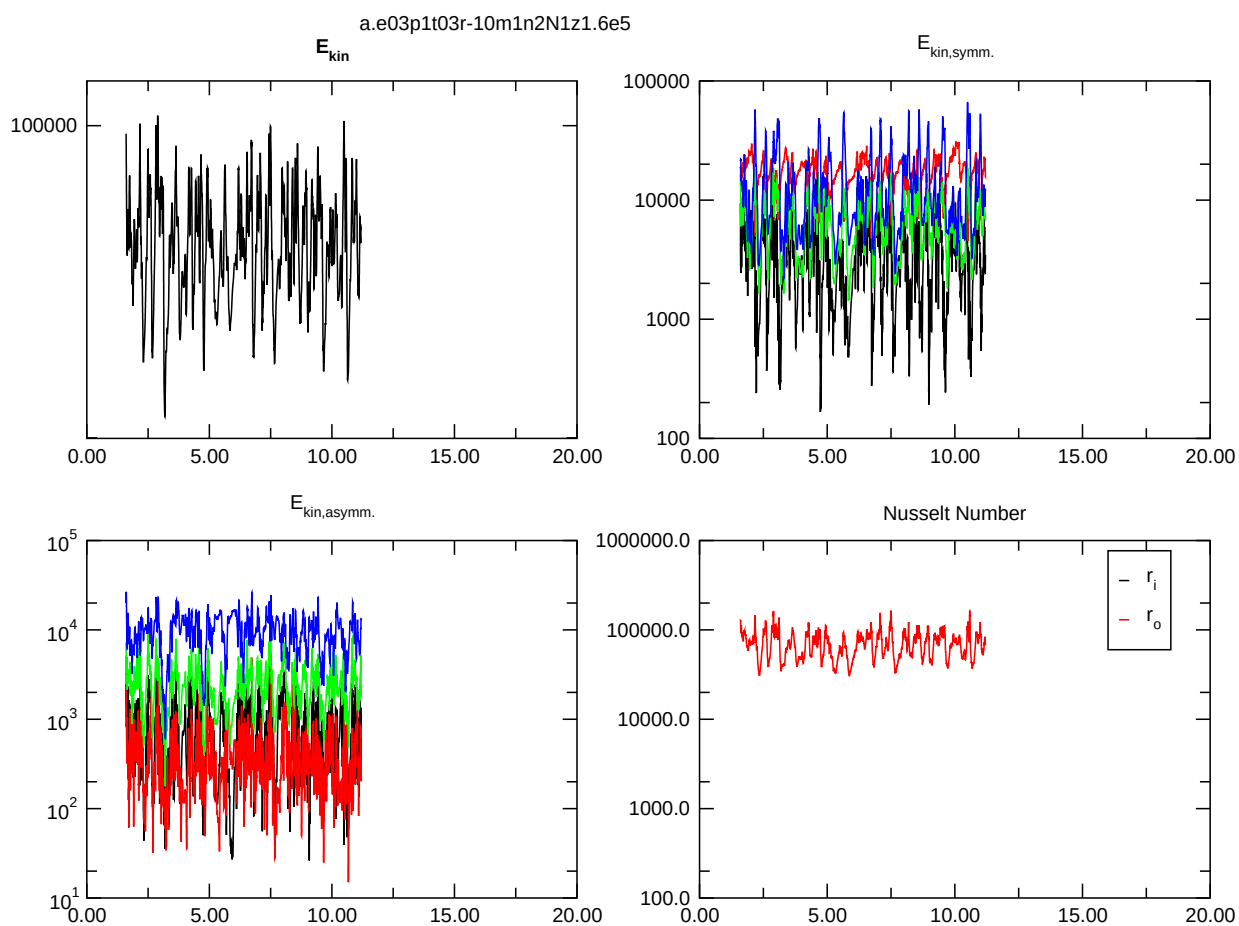
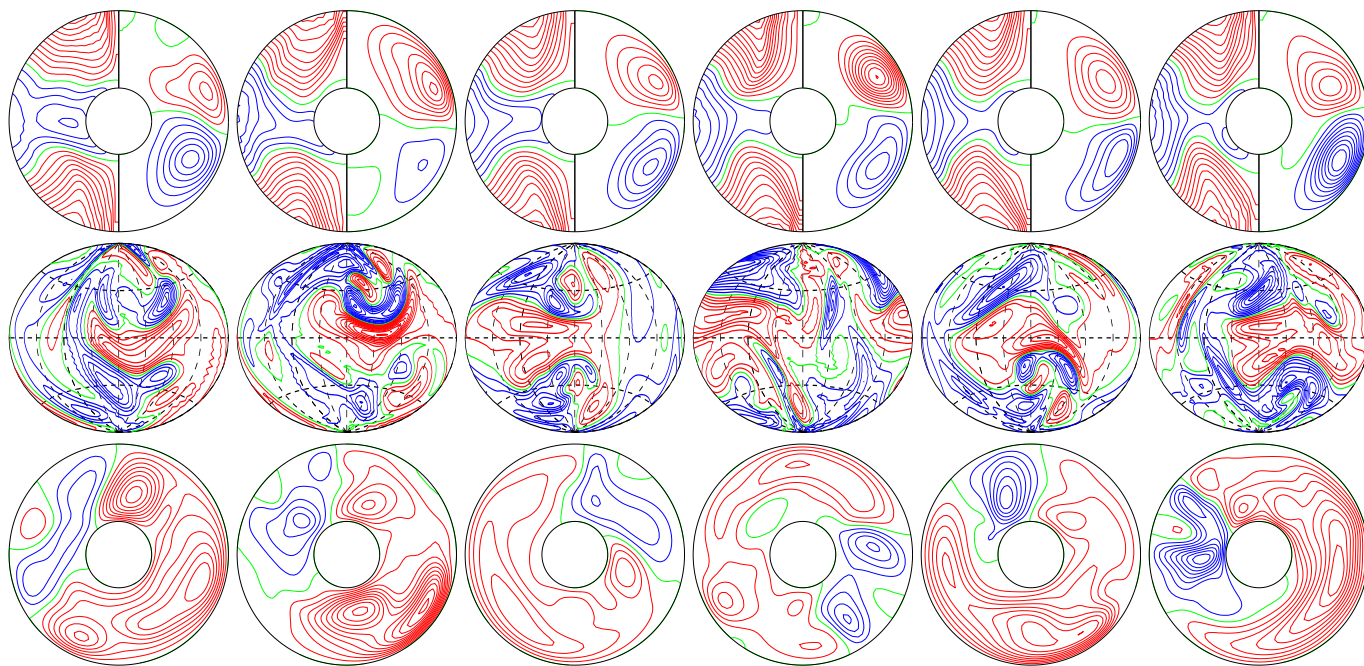
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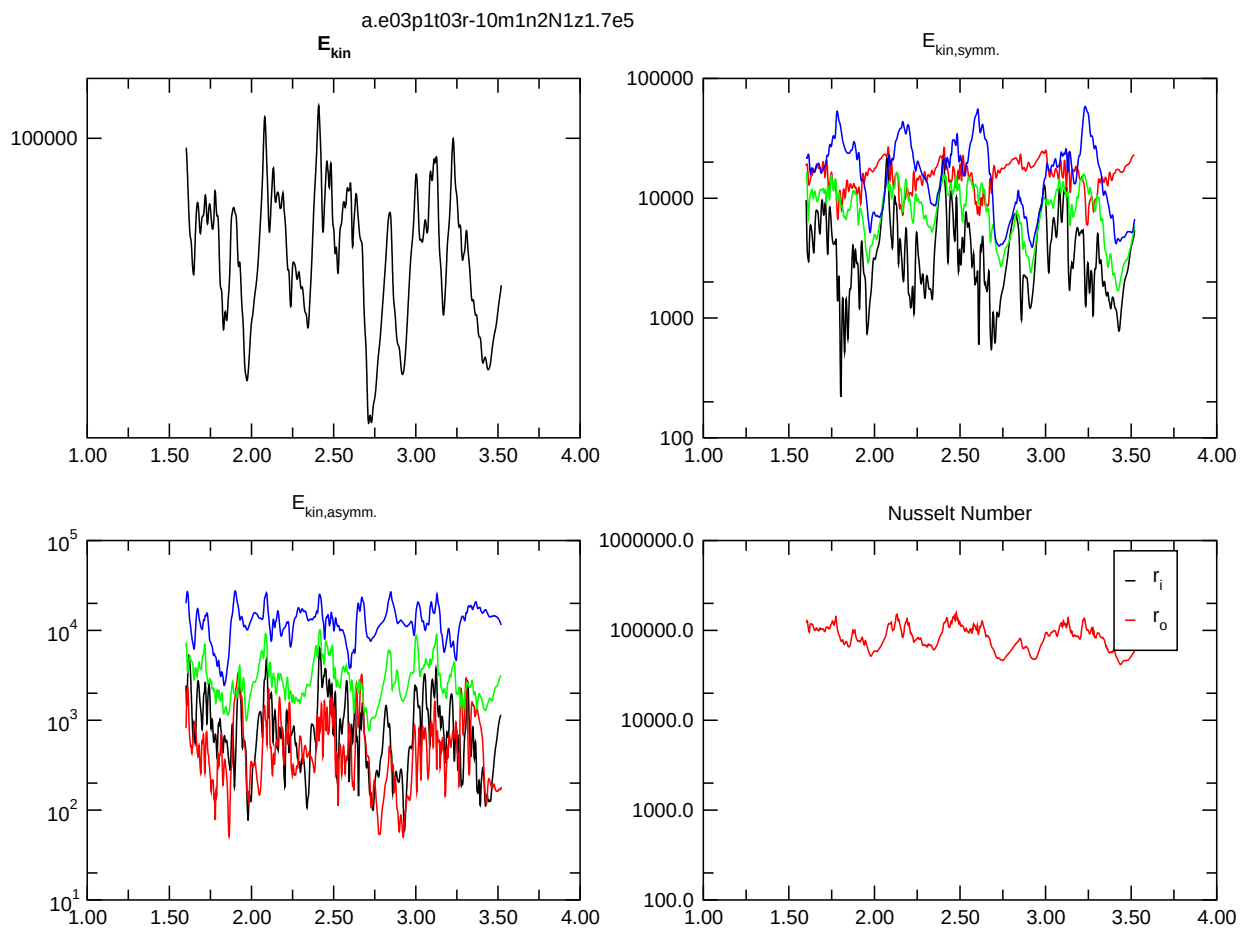
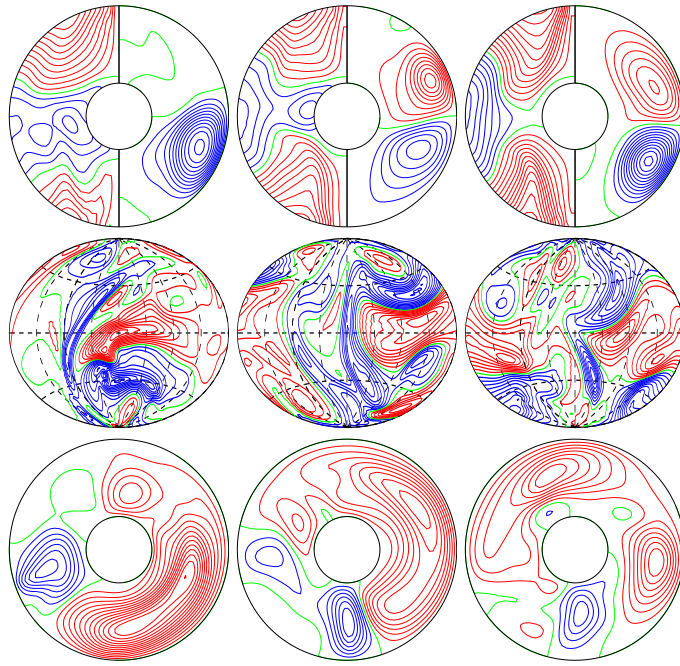
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May 18, 2015



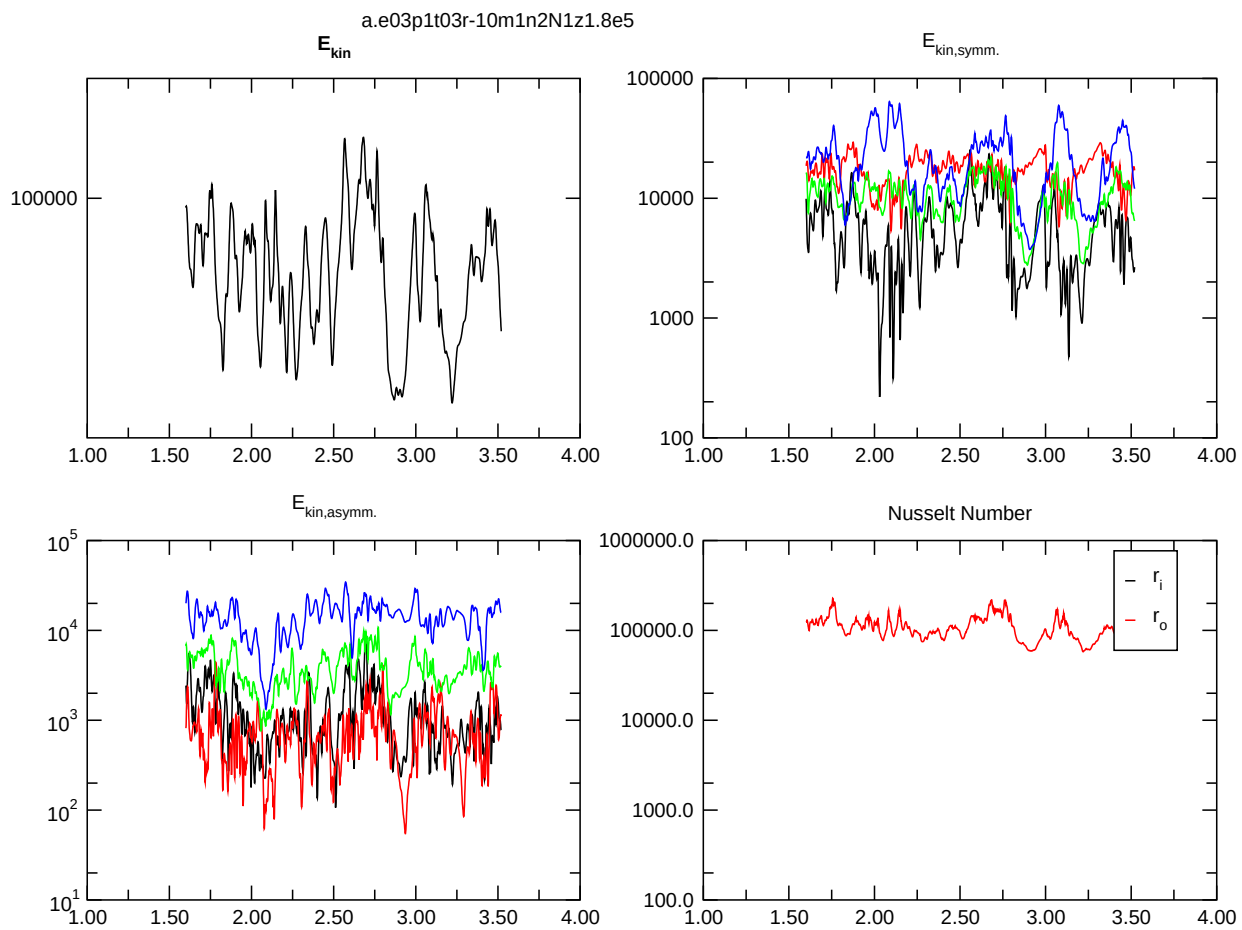
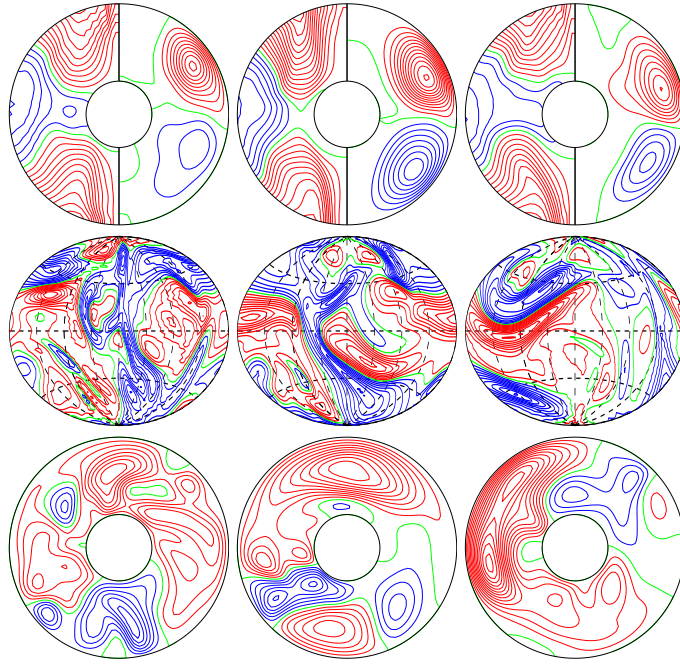
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times: 1.920005 2.240006 0

May 18, 2015



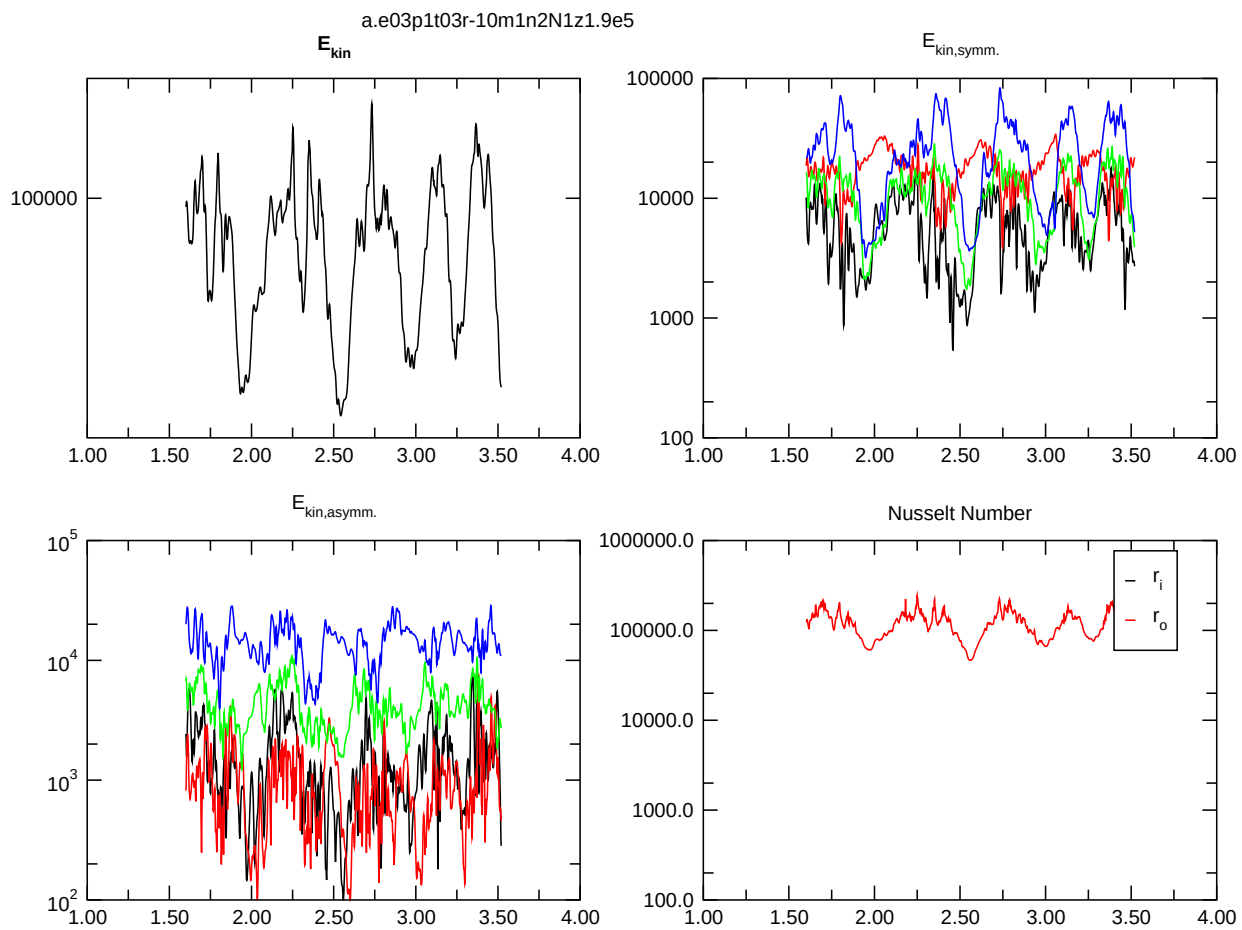
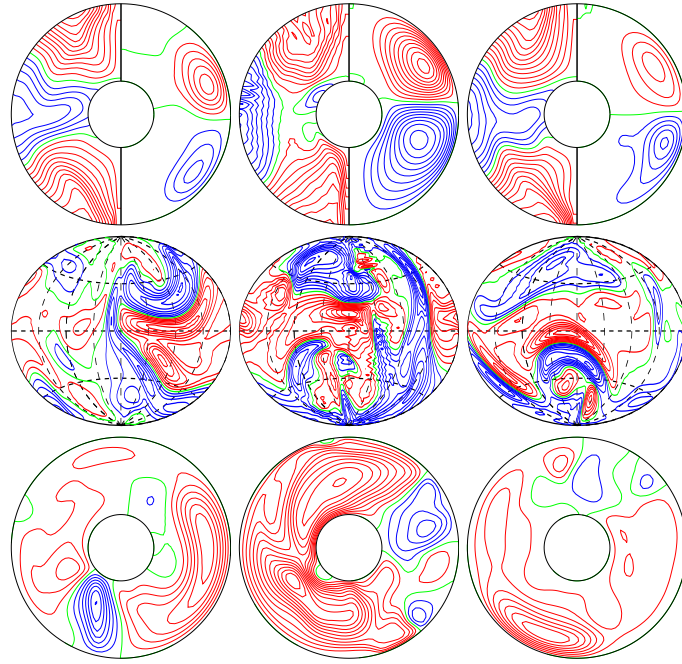
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times: 1.920005 2.240006 0

May 18, 2015



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times: 1.920005 2.240006 0

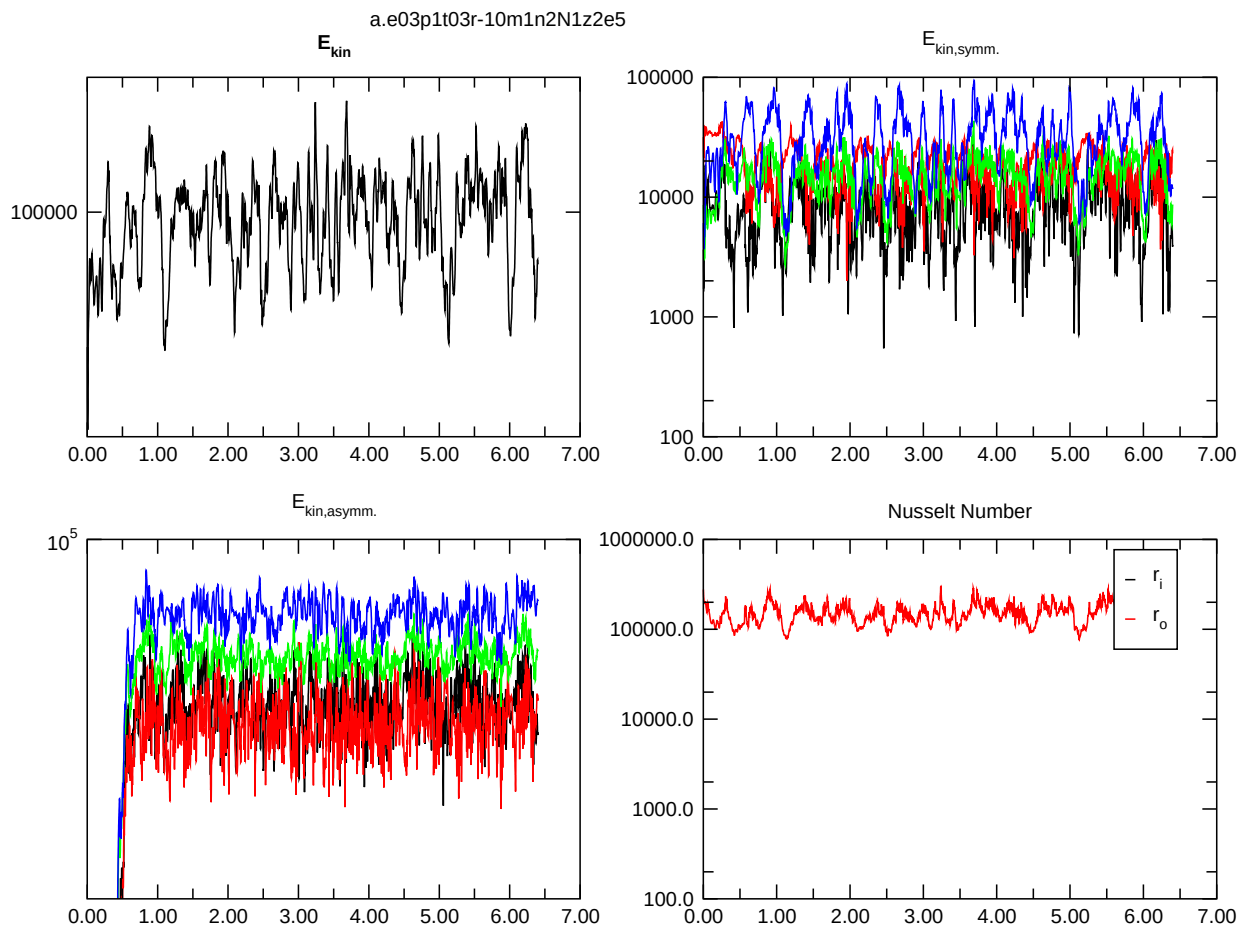
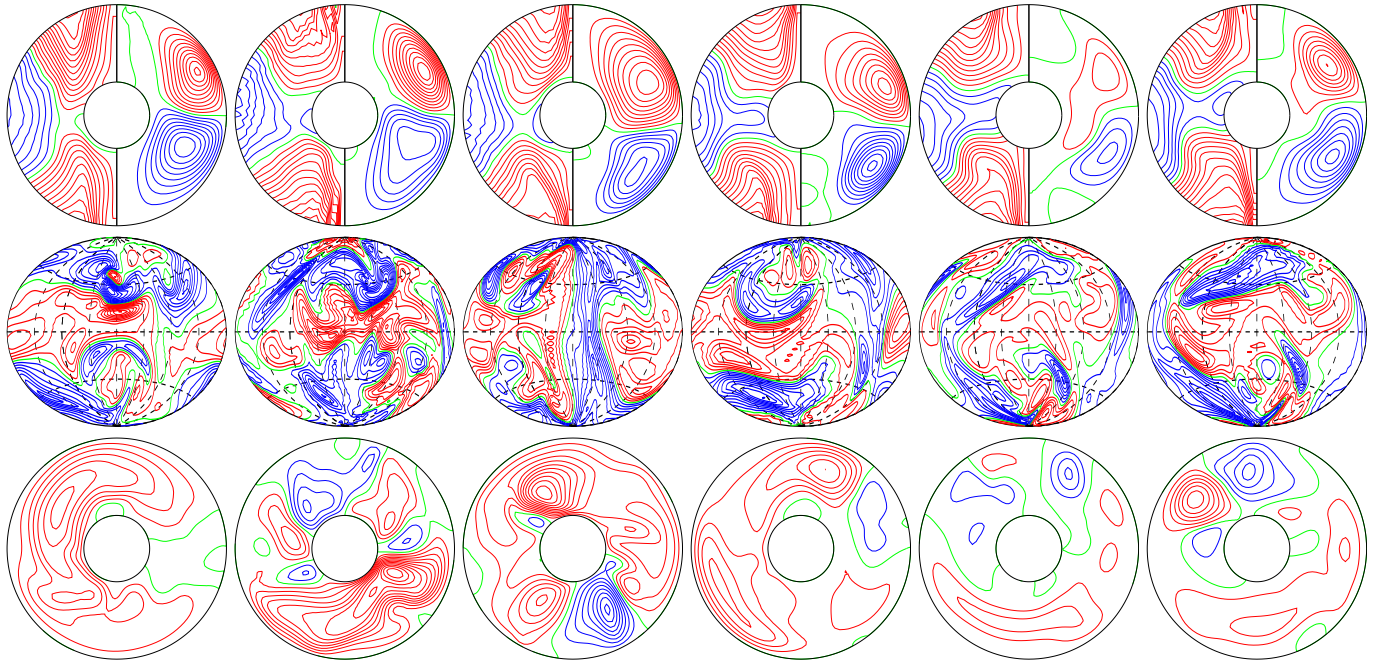
May 18, 2015



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times: 2.560006 3.200007 3.840008 4.480009 5.12001 6.400011

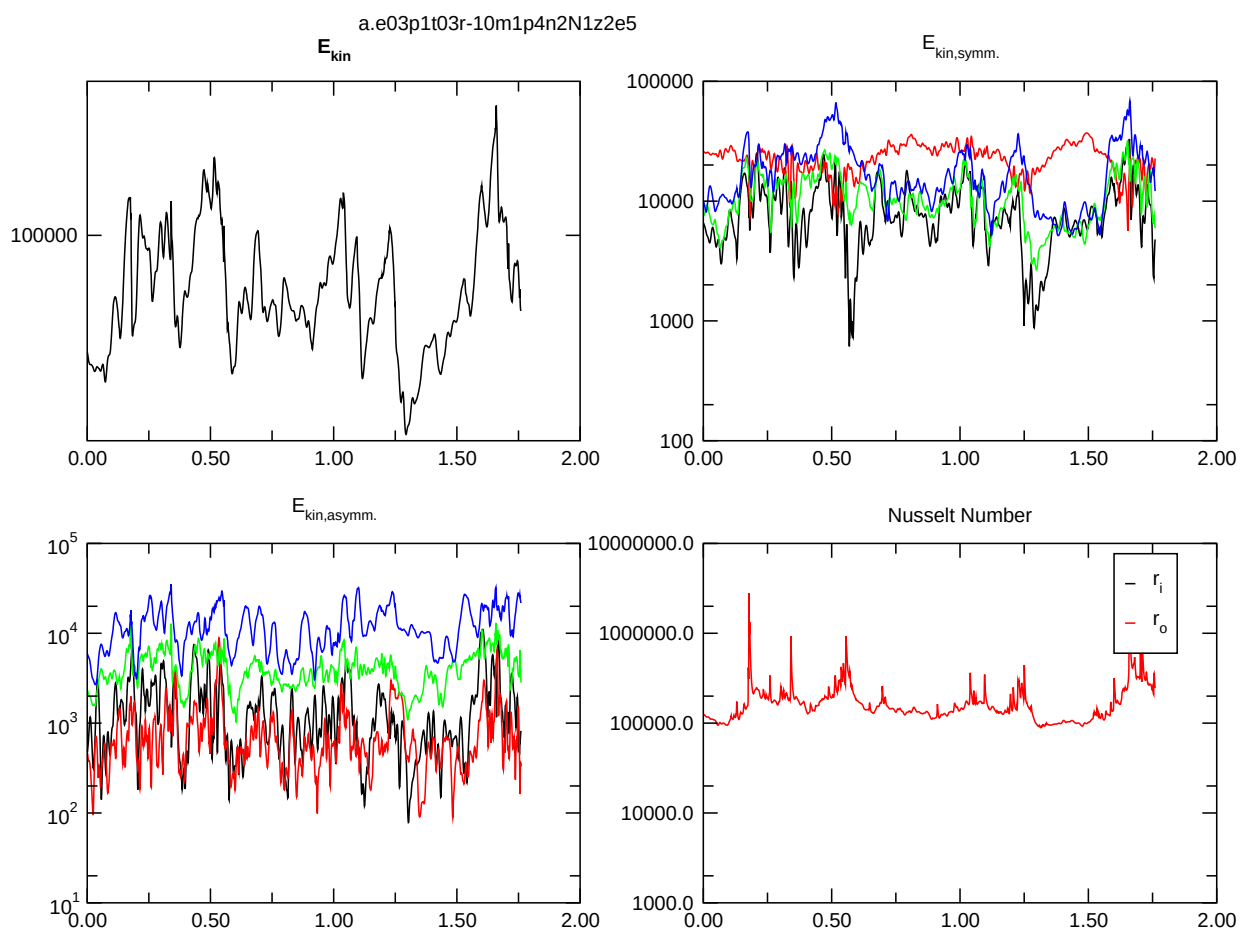
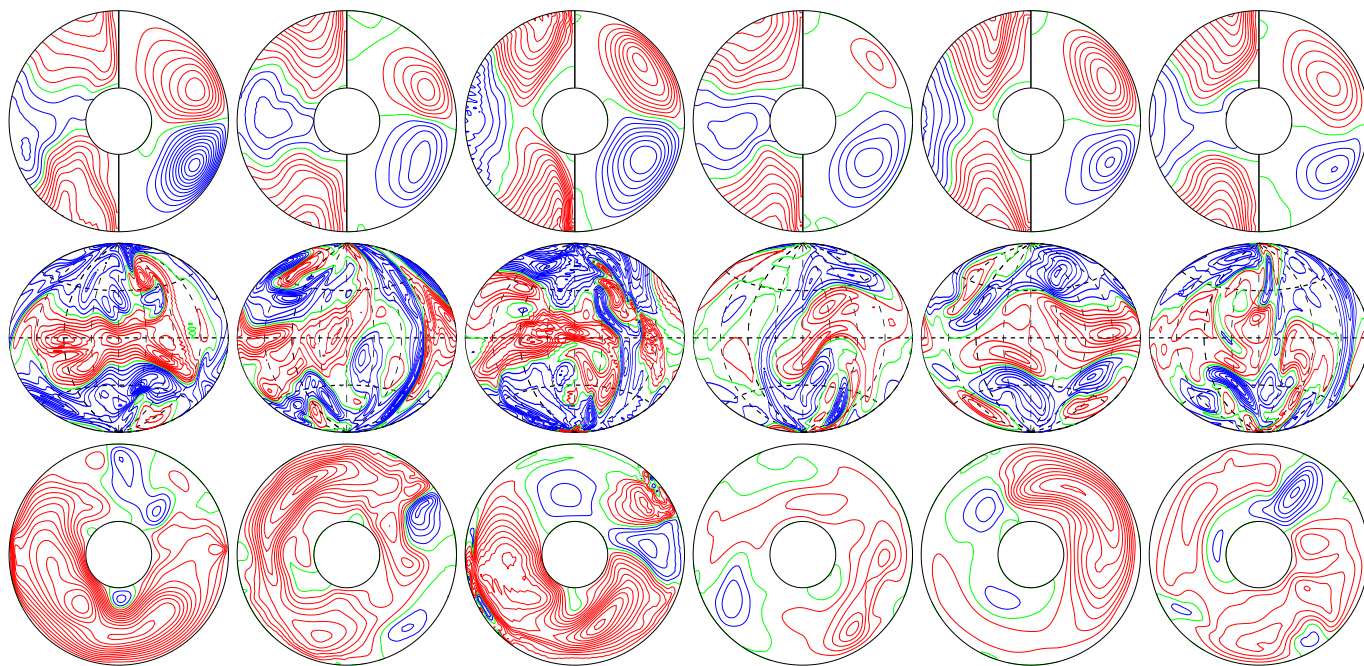
May 18, 2015



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May 18, 2015

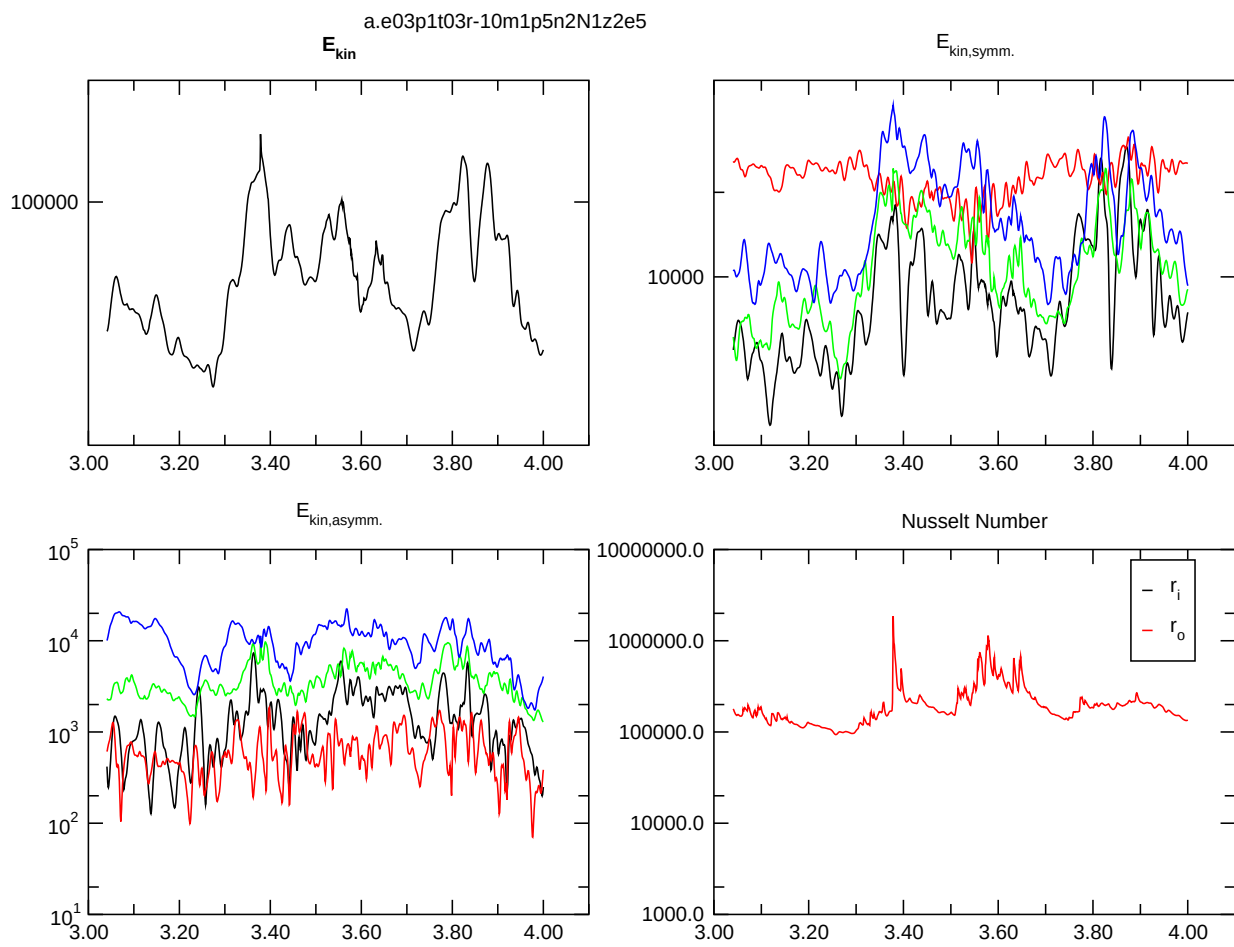
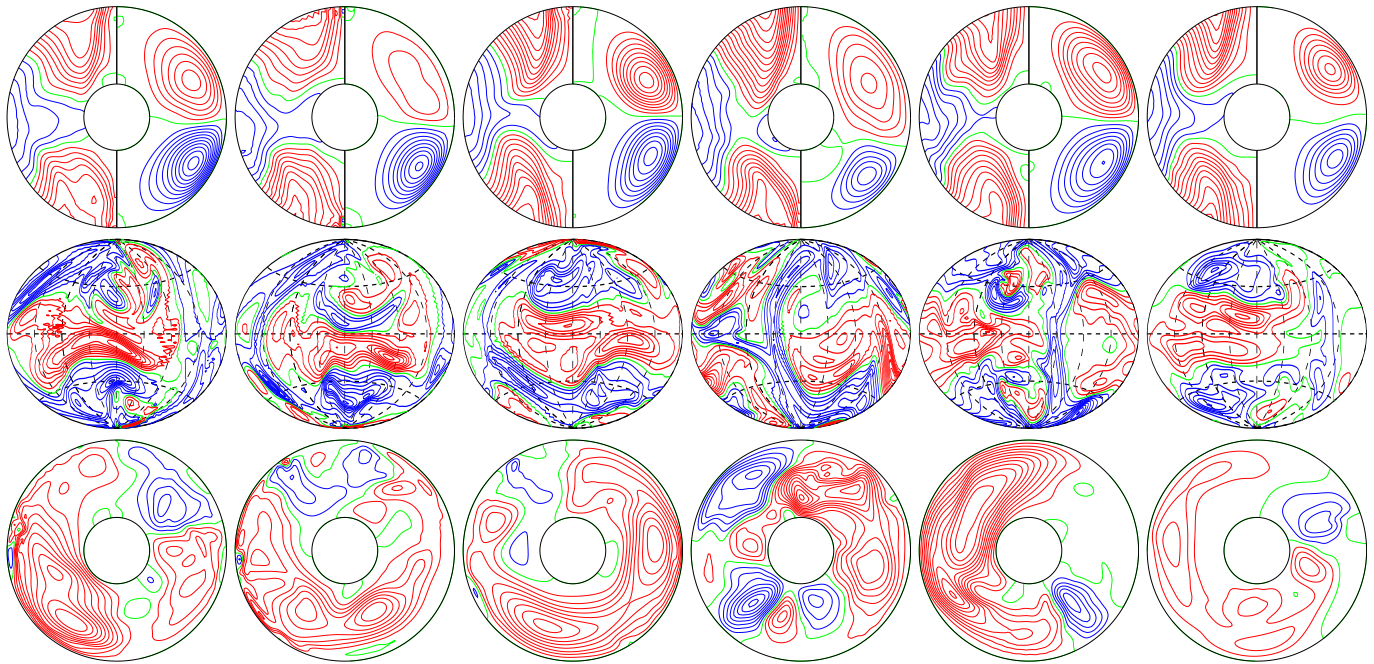
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May 18, 2015

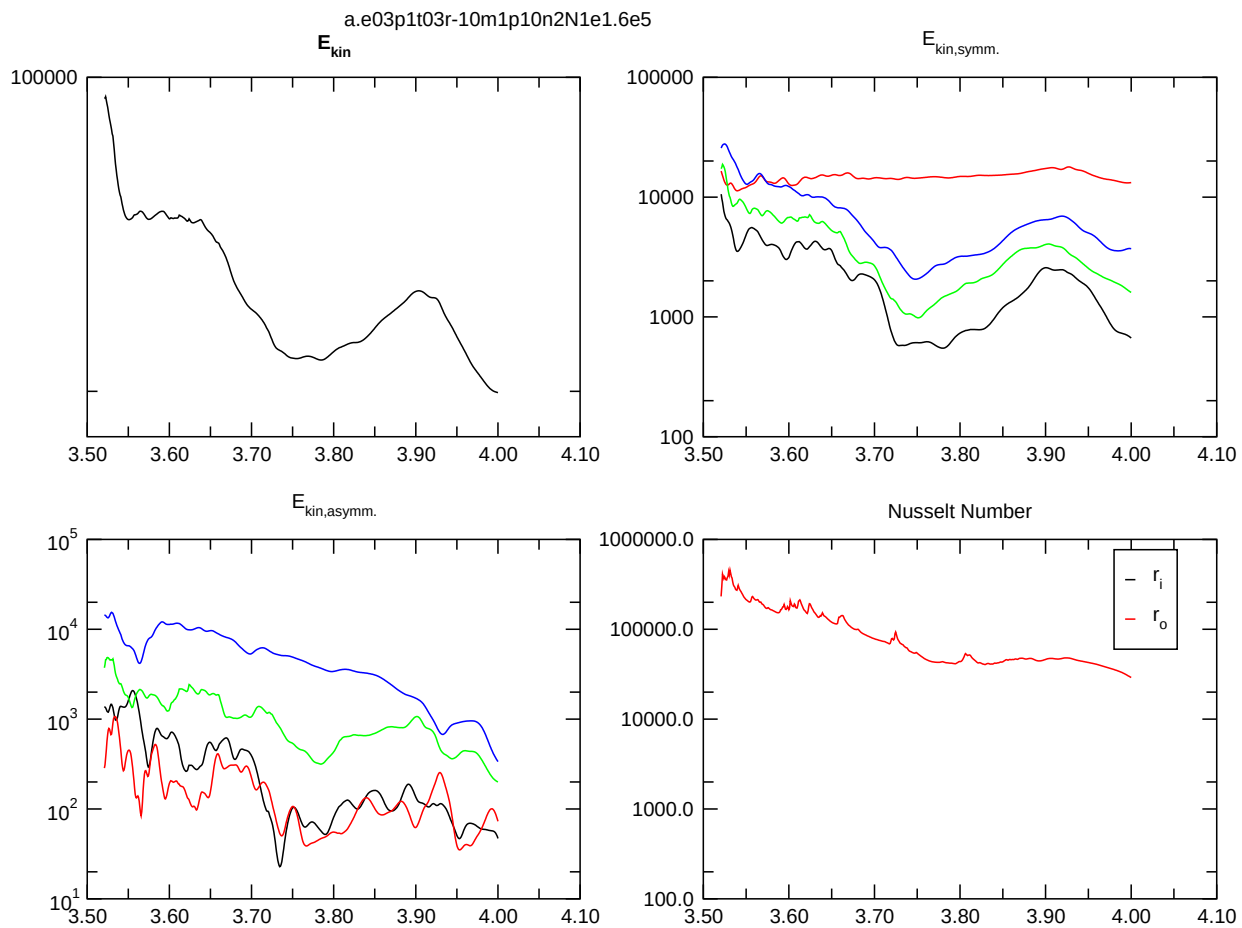
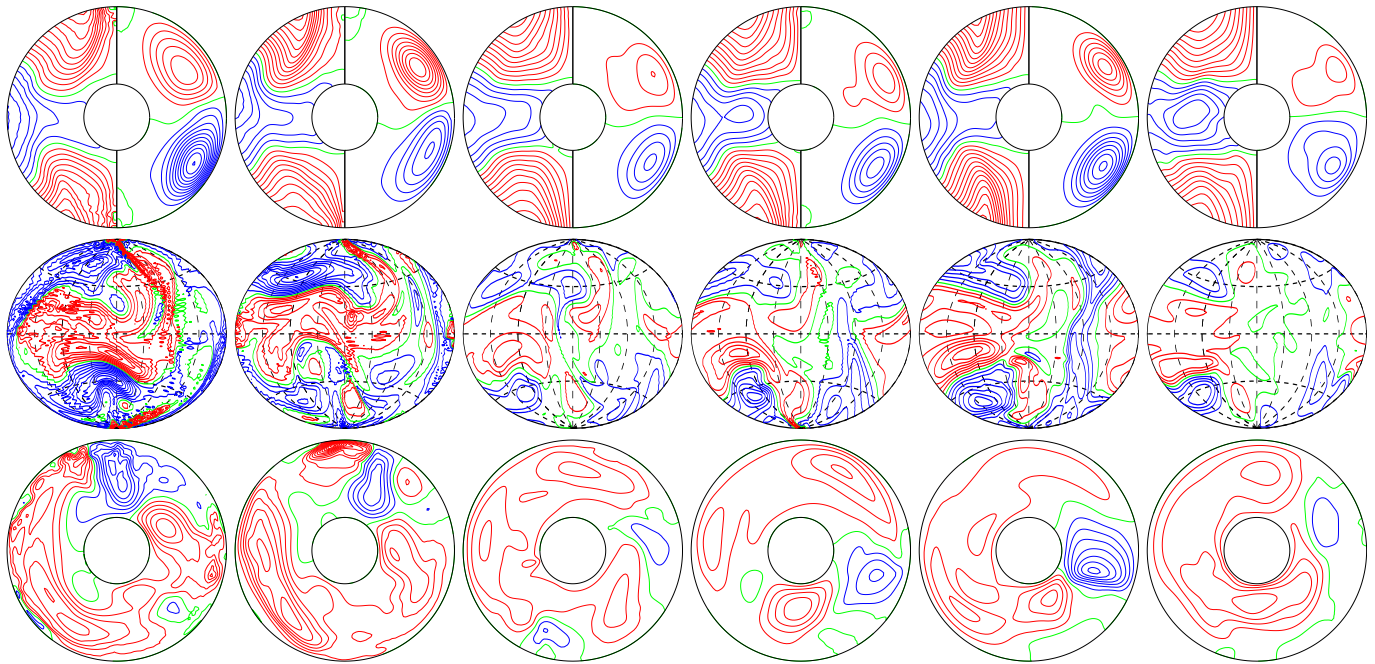
times: 3.520015 3.600016 3.760018 3.840019 3.92002 4.000021



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times: 3.600016 3.680017 3.760018 3.840019 3.92002 4.000021

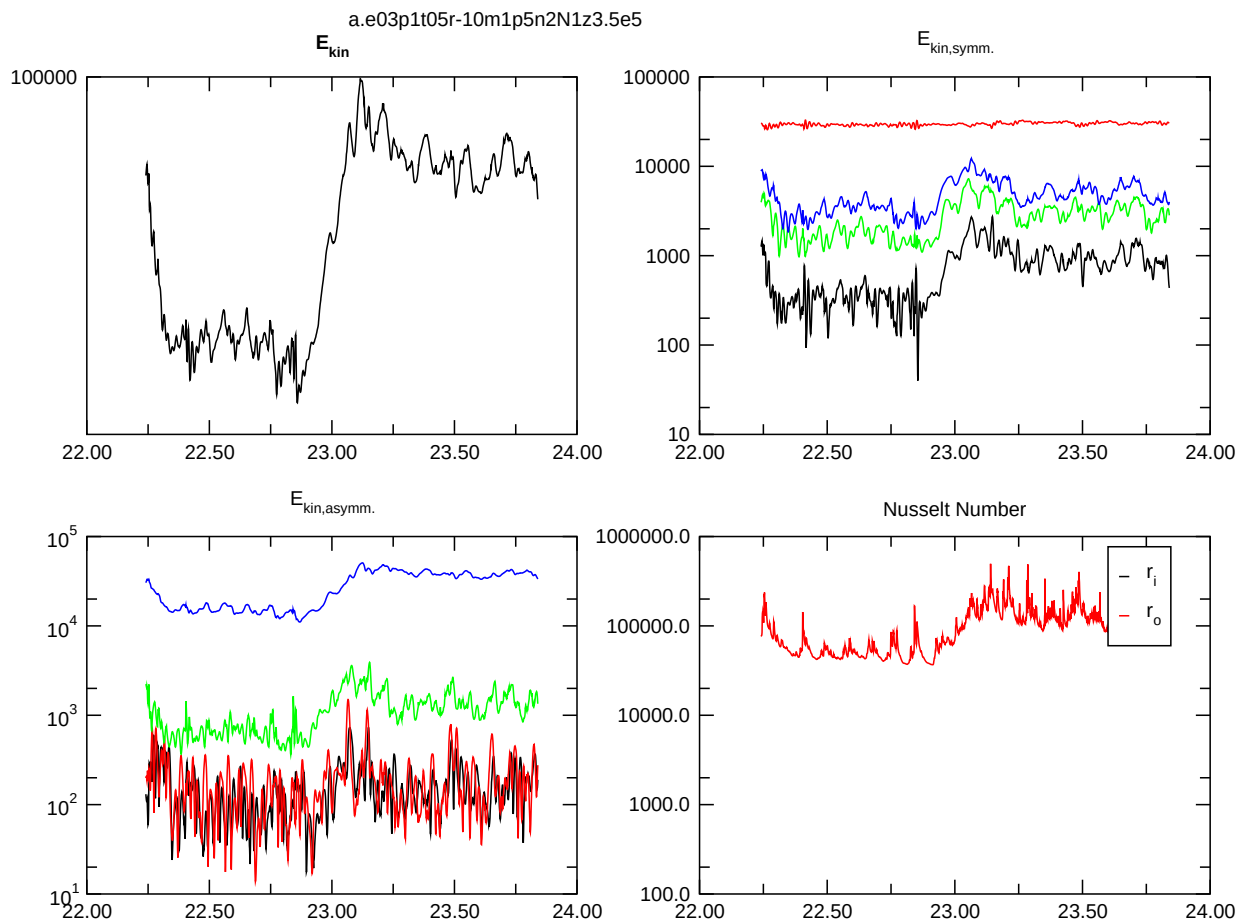
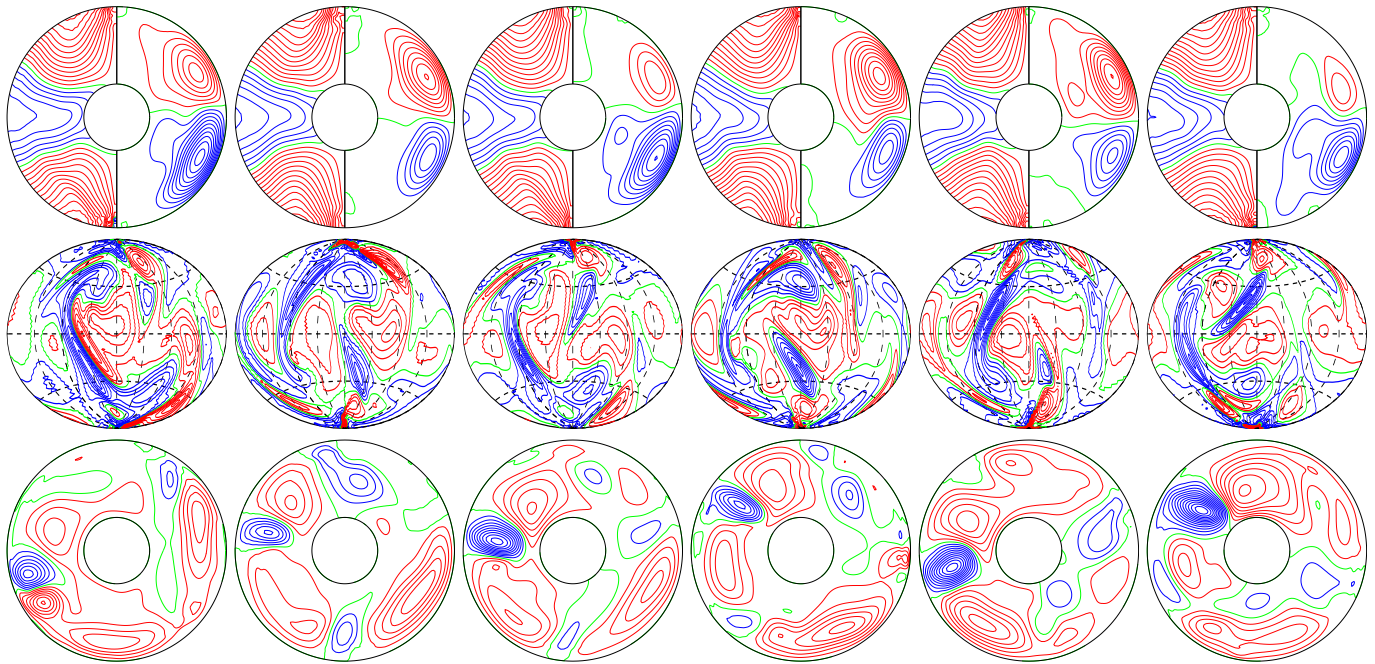
May 18, 2015



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May 18, 2015

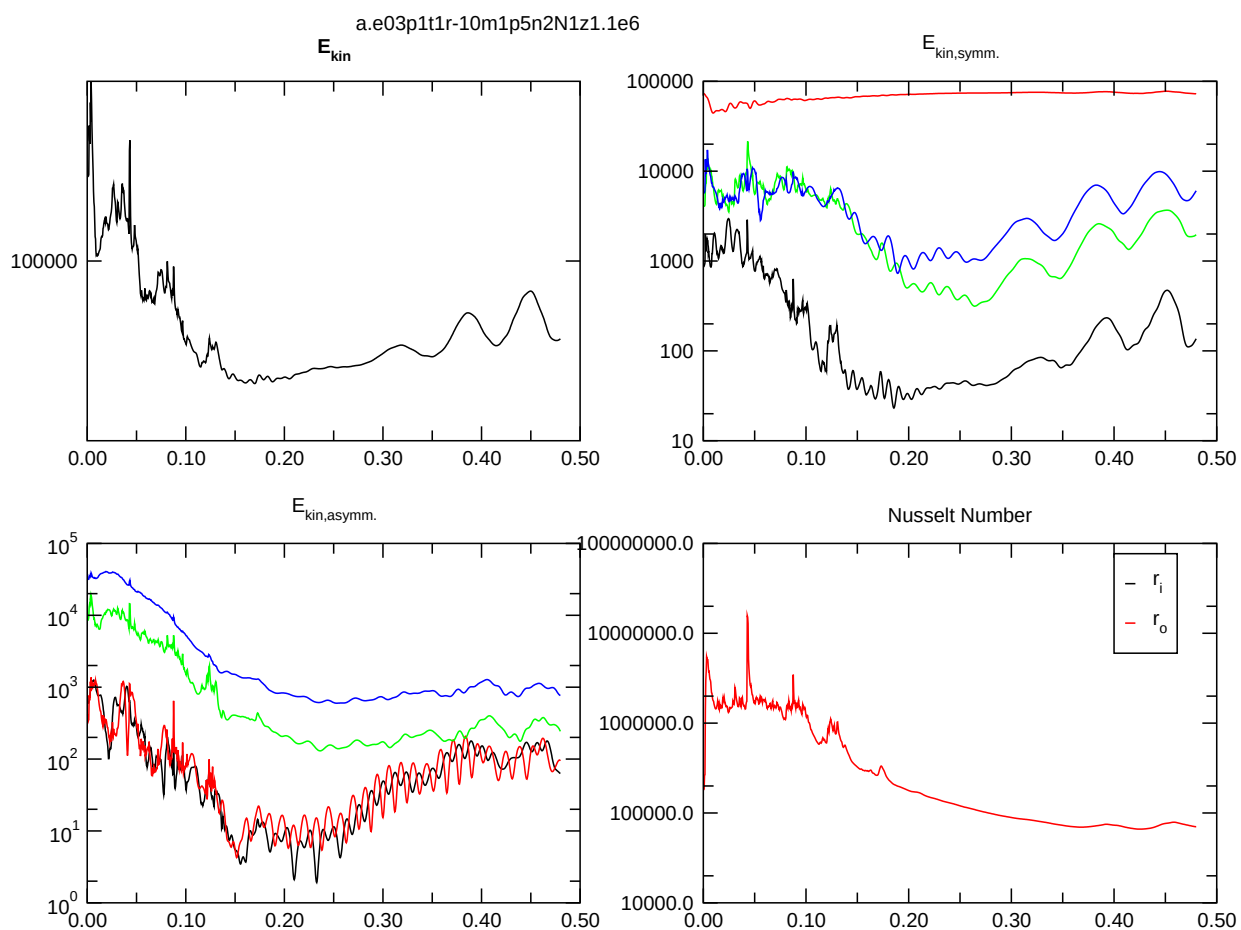
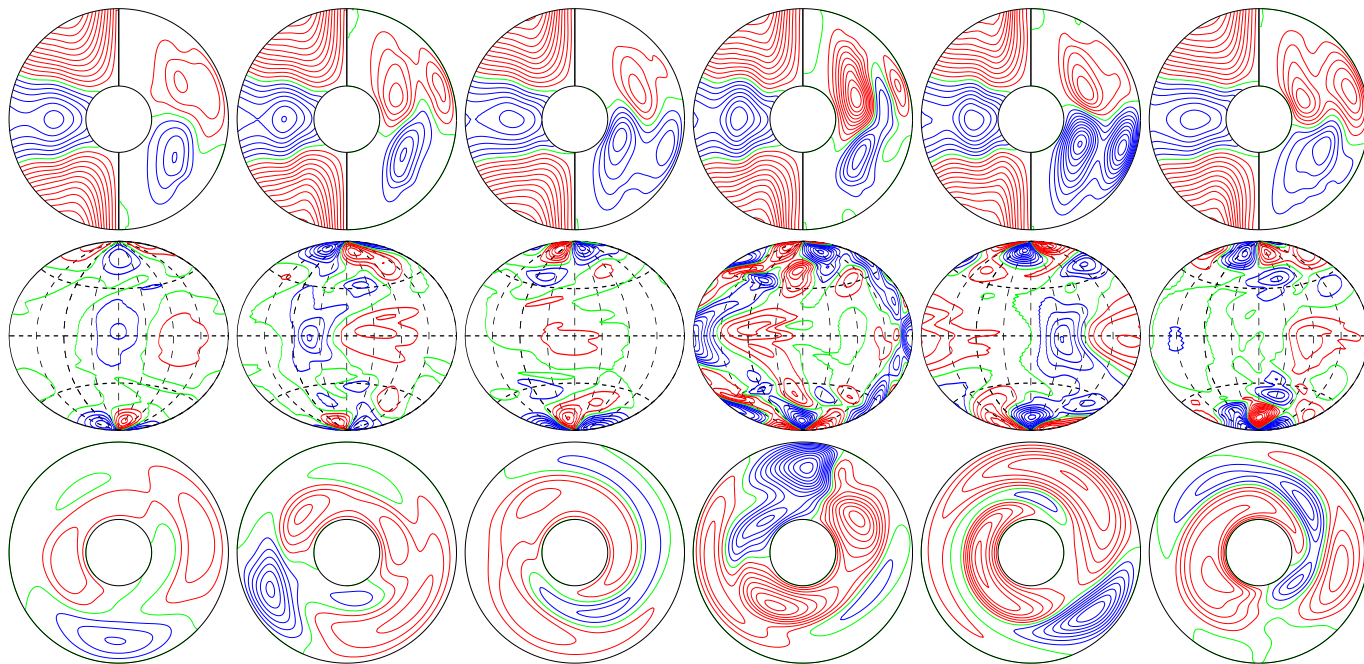
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a.e03p1t1r-10m1p5n2N1z1.1e6.13

May 19, 2015

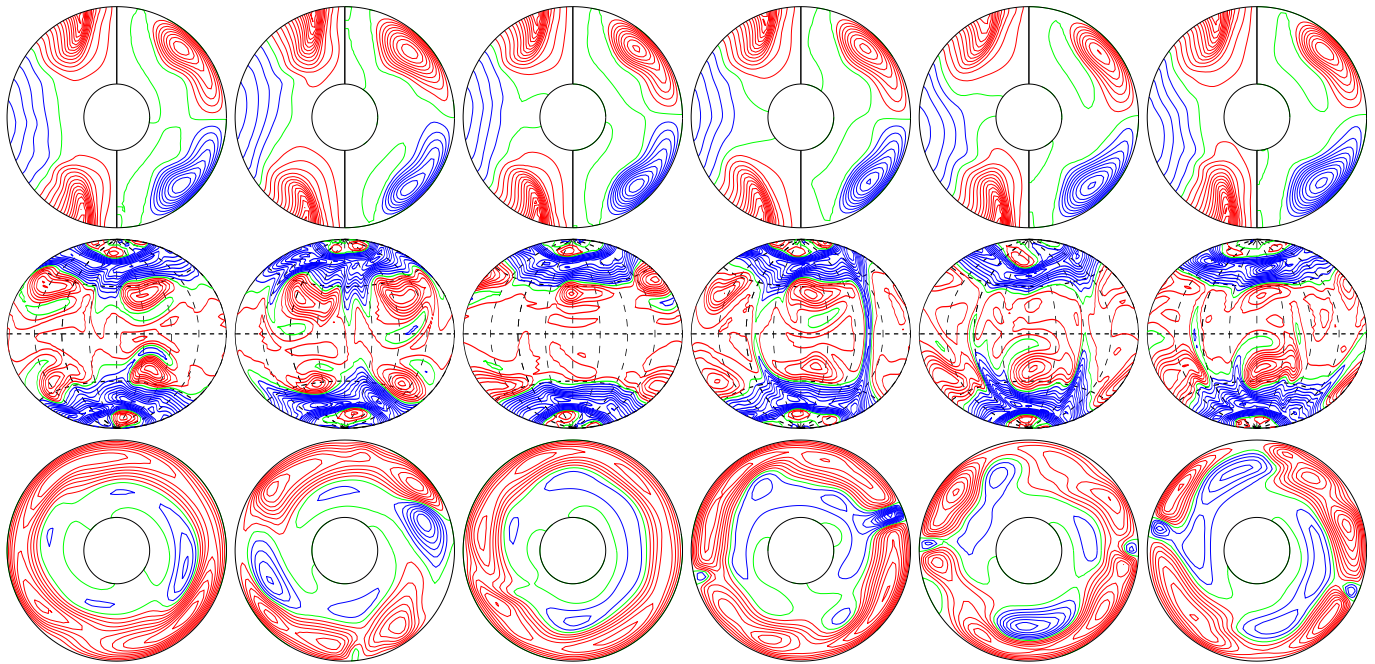
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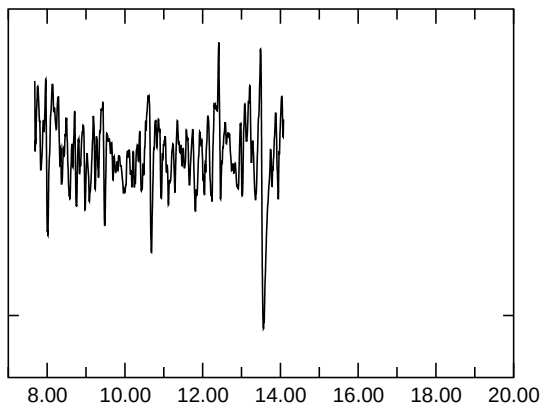
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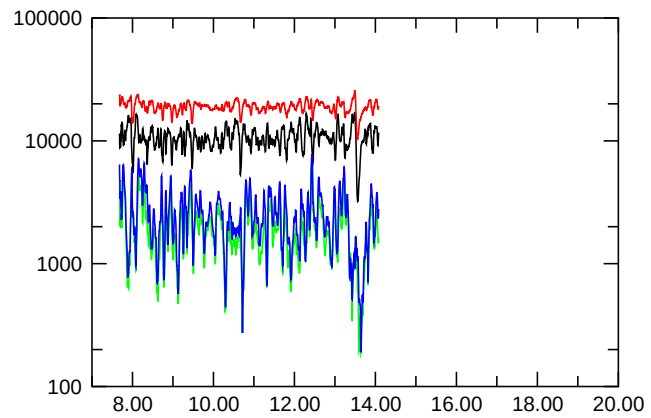
May 19, 2015



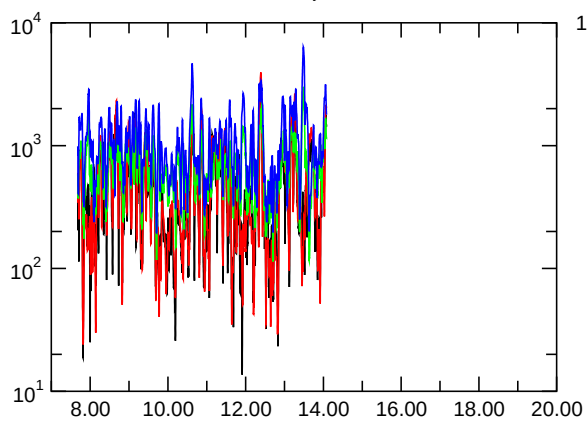
a.e03p1t03r-10m1p2n2N3z1.8e5
 E_{kin}



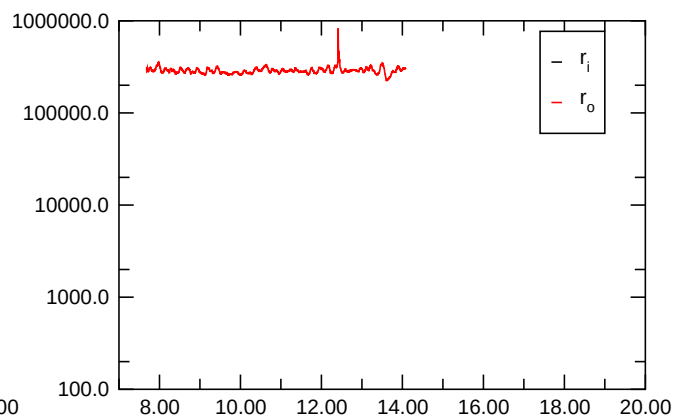
$E_{\text{kin,symm.}}$



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



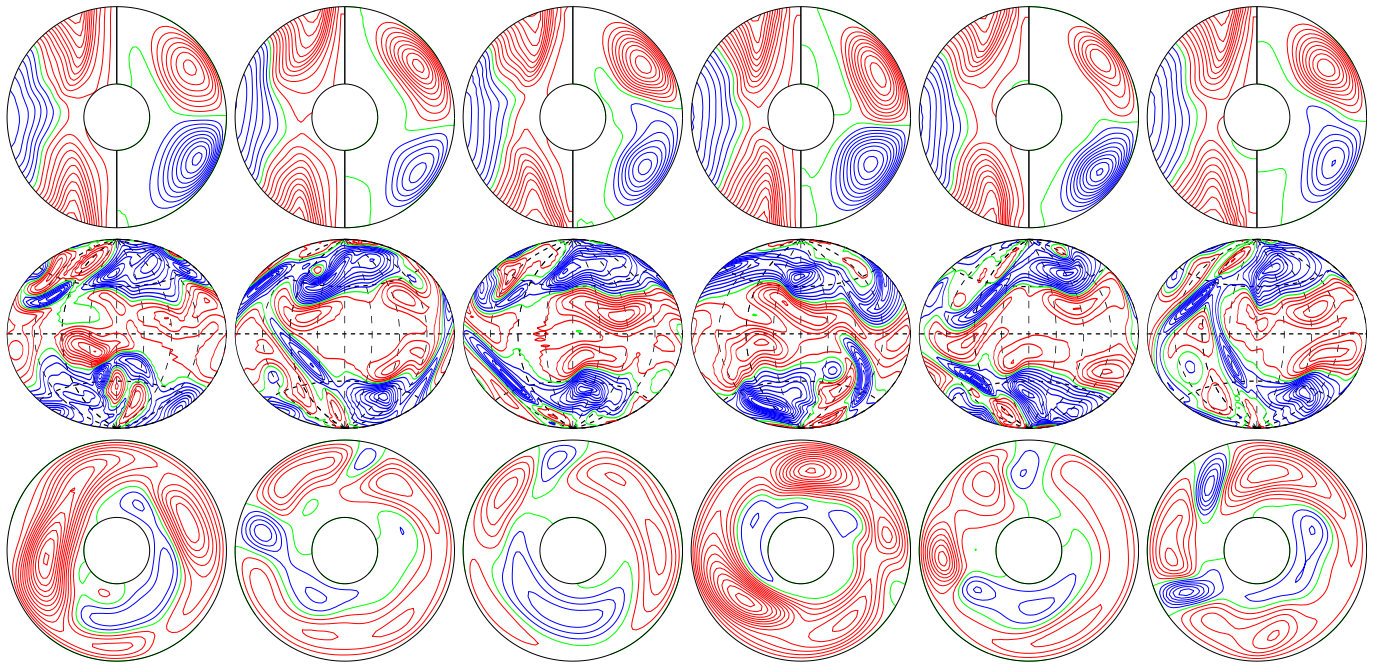
Nusselt Number



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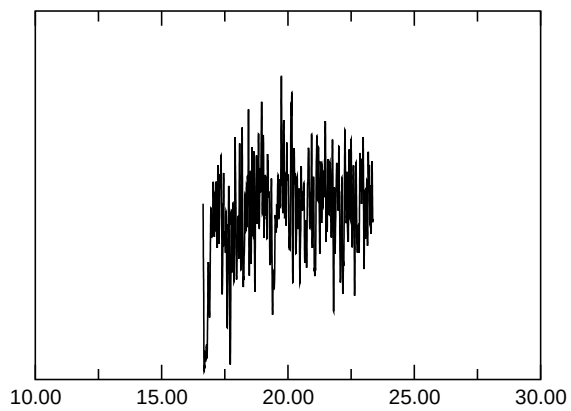
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May 19, 2015

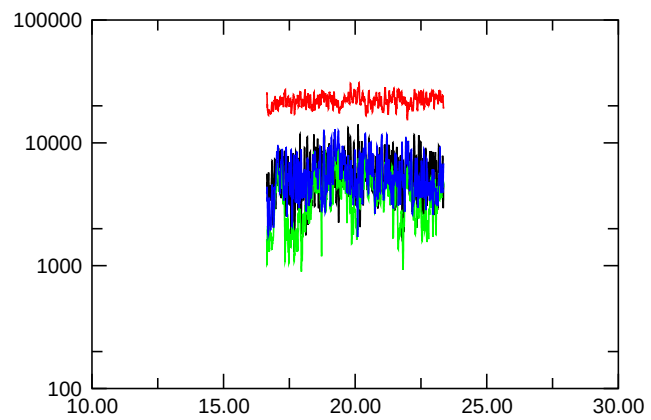


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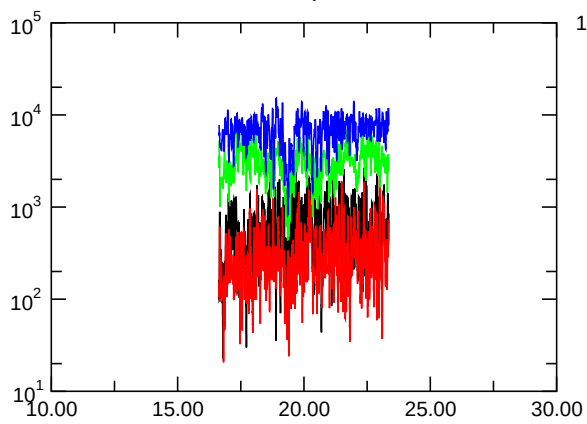
E_{kin}



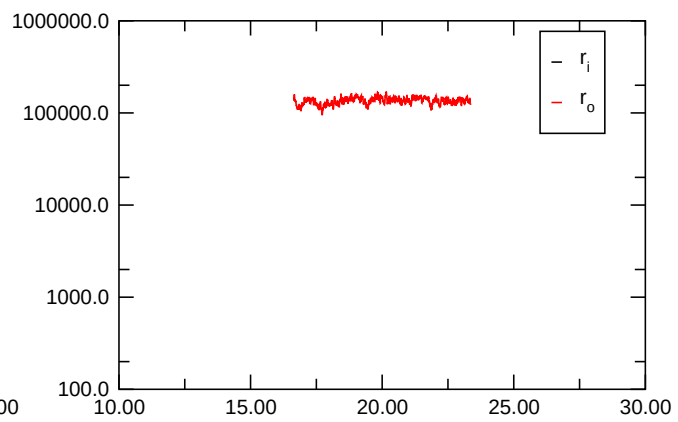
$E_{\text{kin,symm.}}$



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



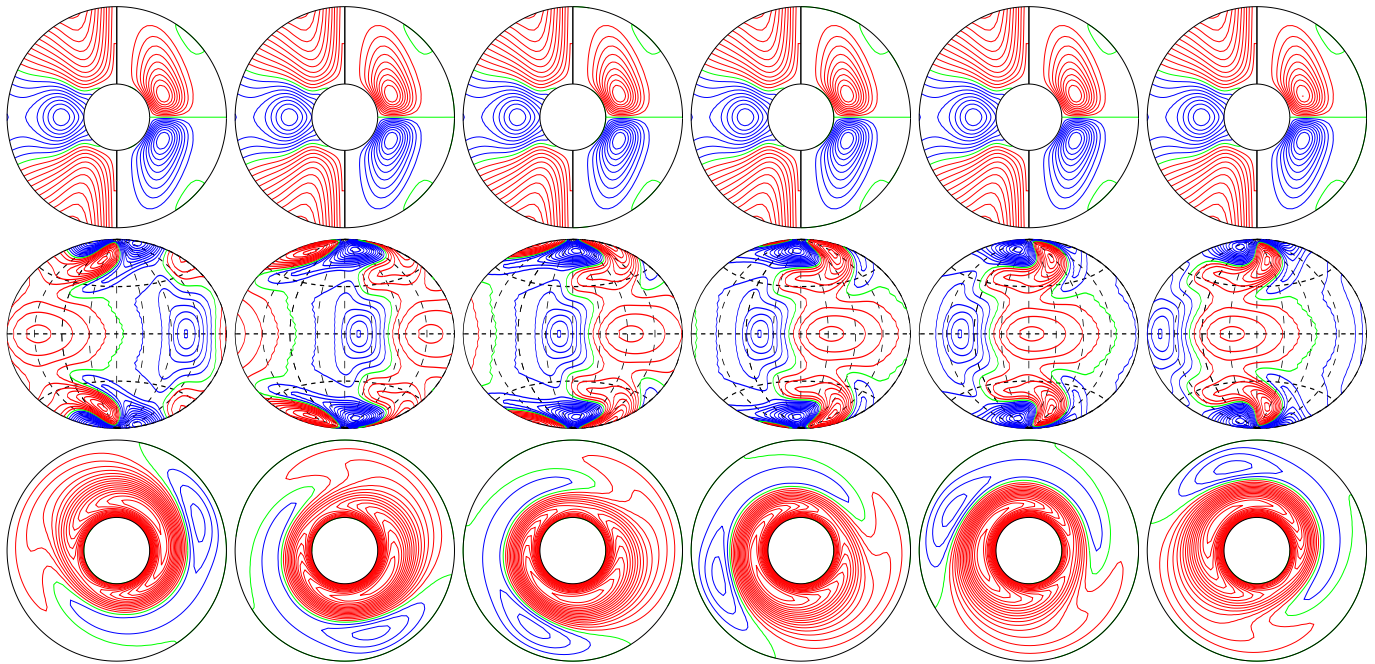
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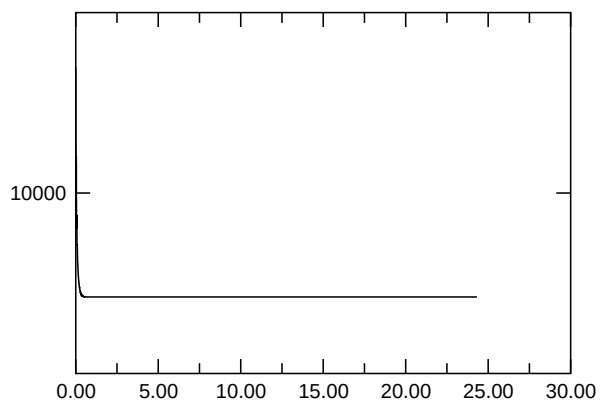
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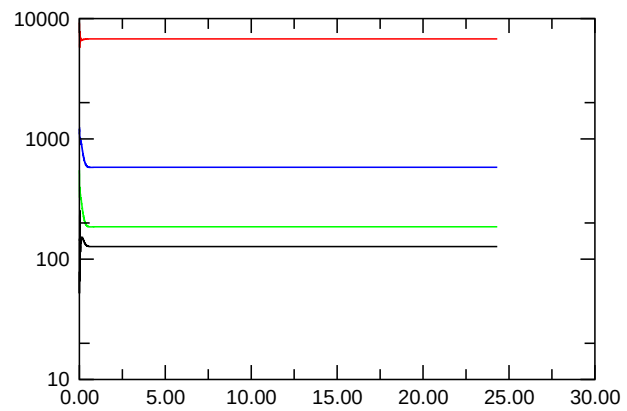
May 19, 2015



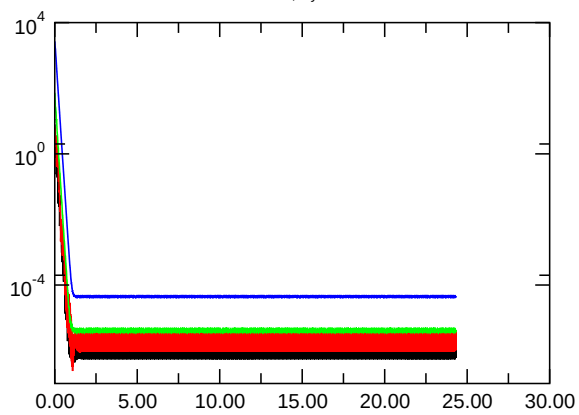
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 E_{kin}



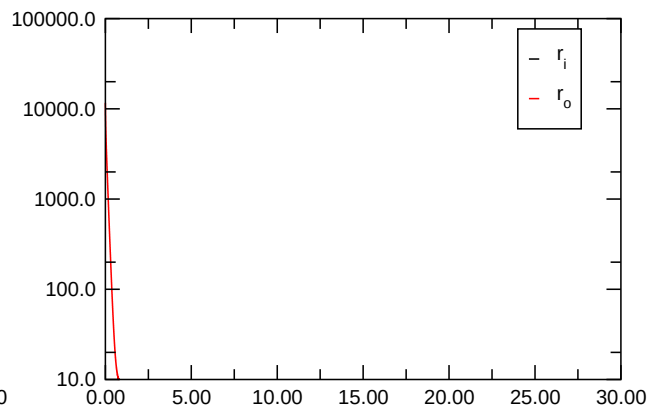
$E_{\text{kin,symm.}}$



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



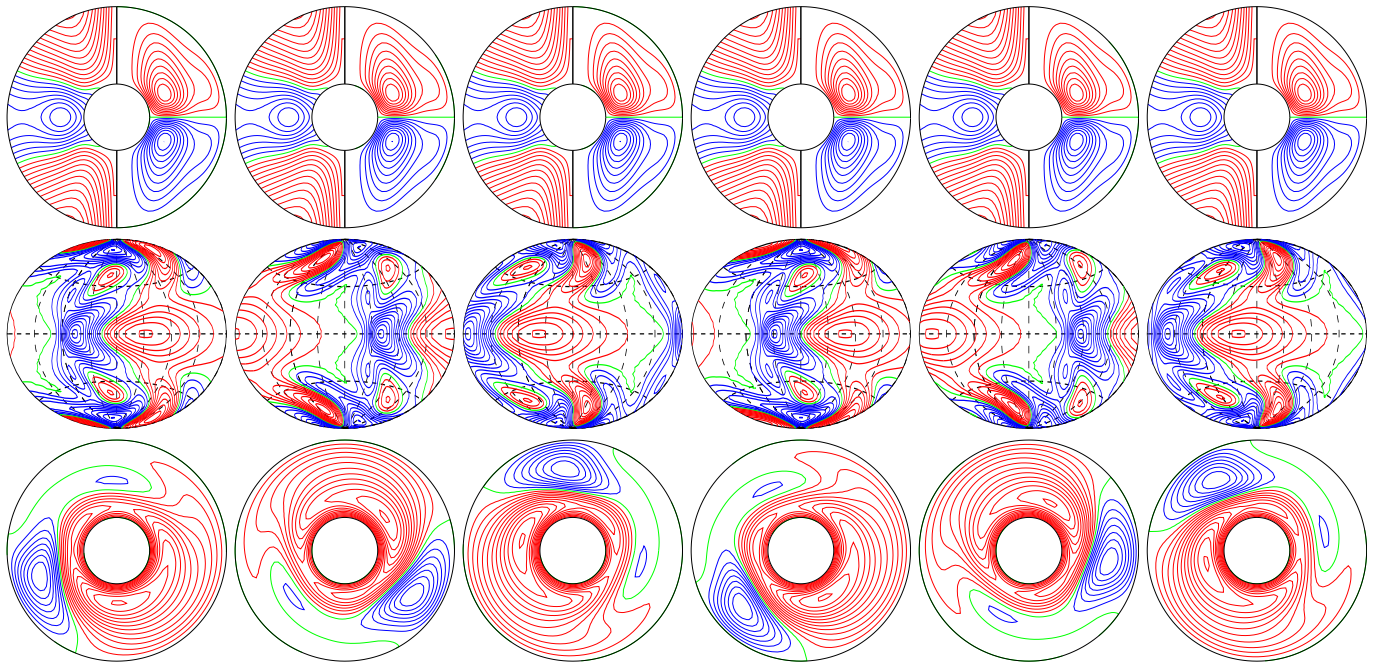
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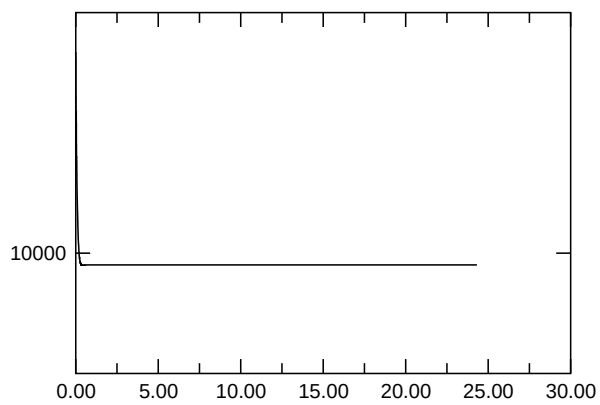
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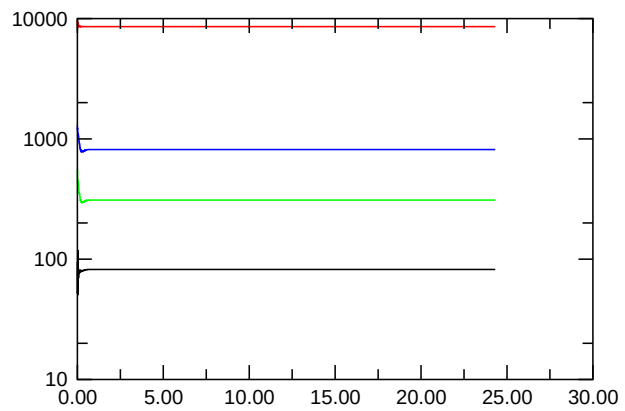
May 19, 2015



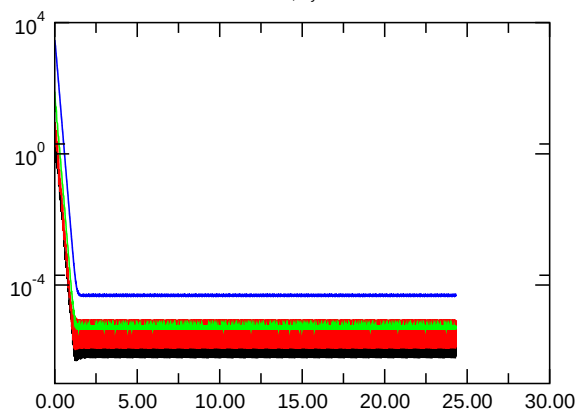
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 E_{kin}



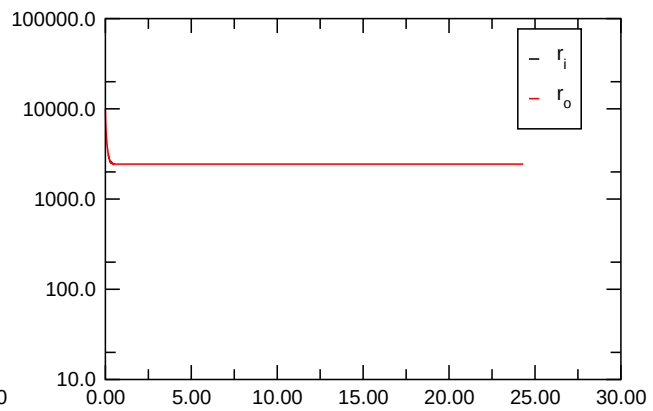
$E_{\text{kin,symm.}}$



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



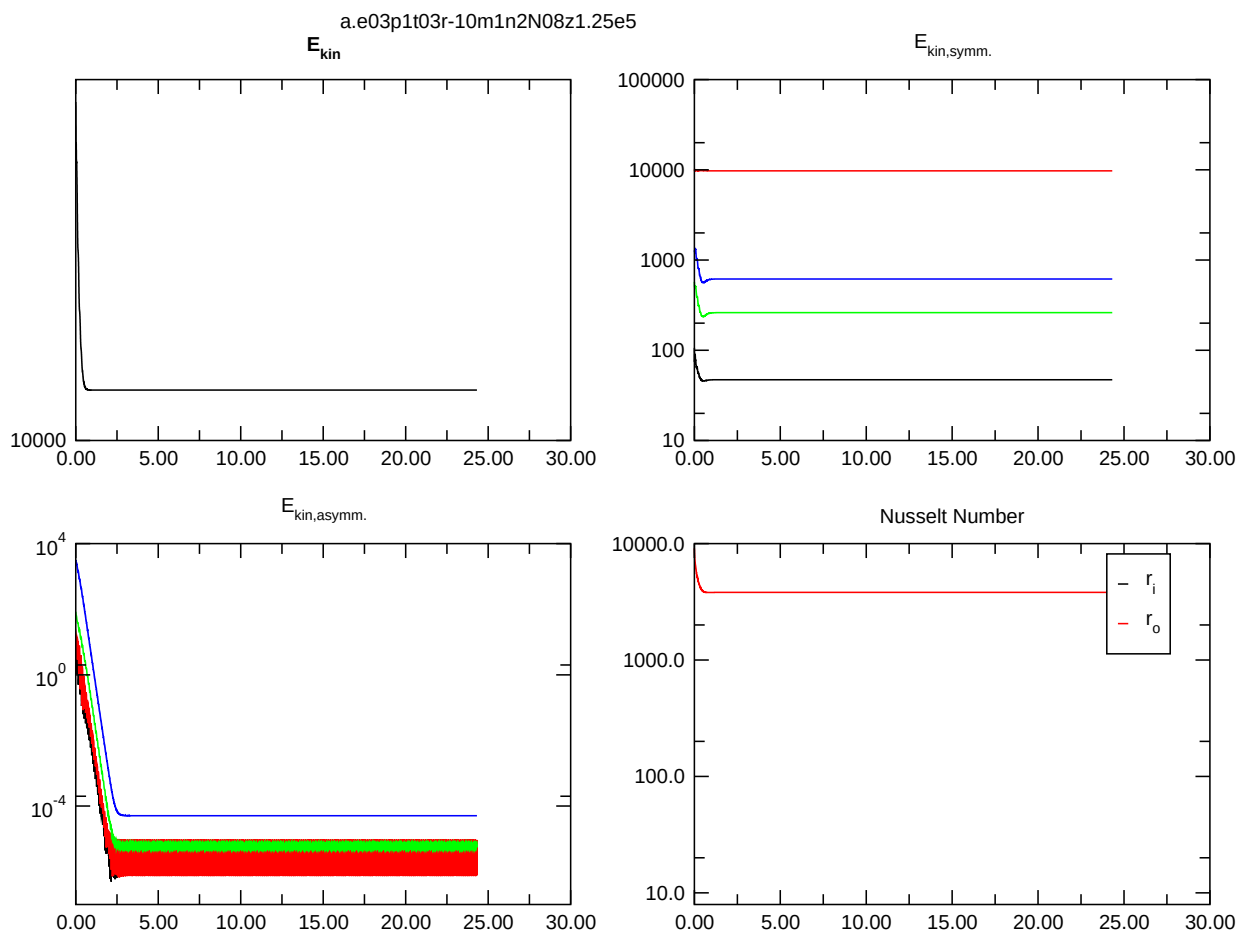
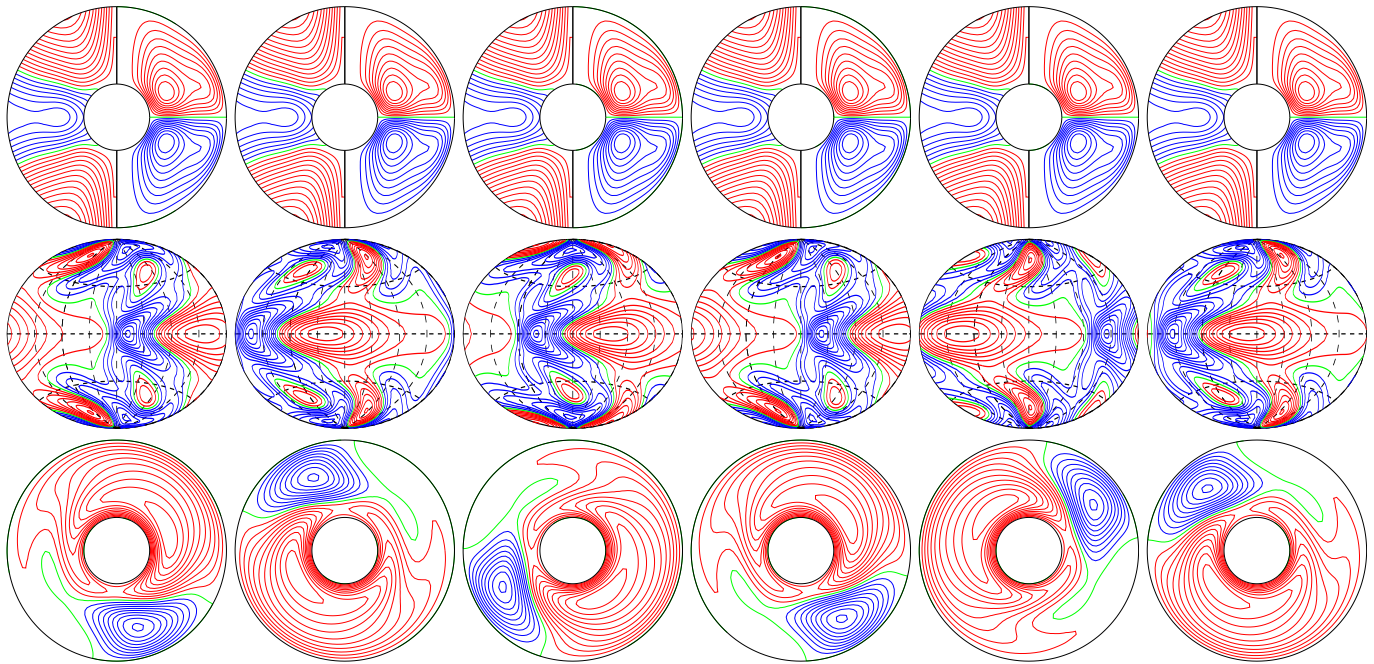
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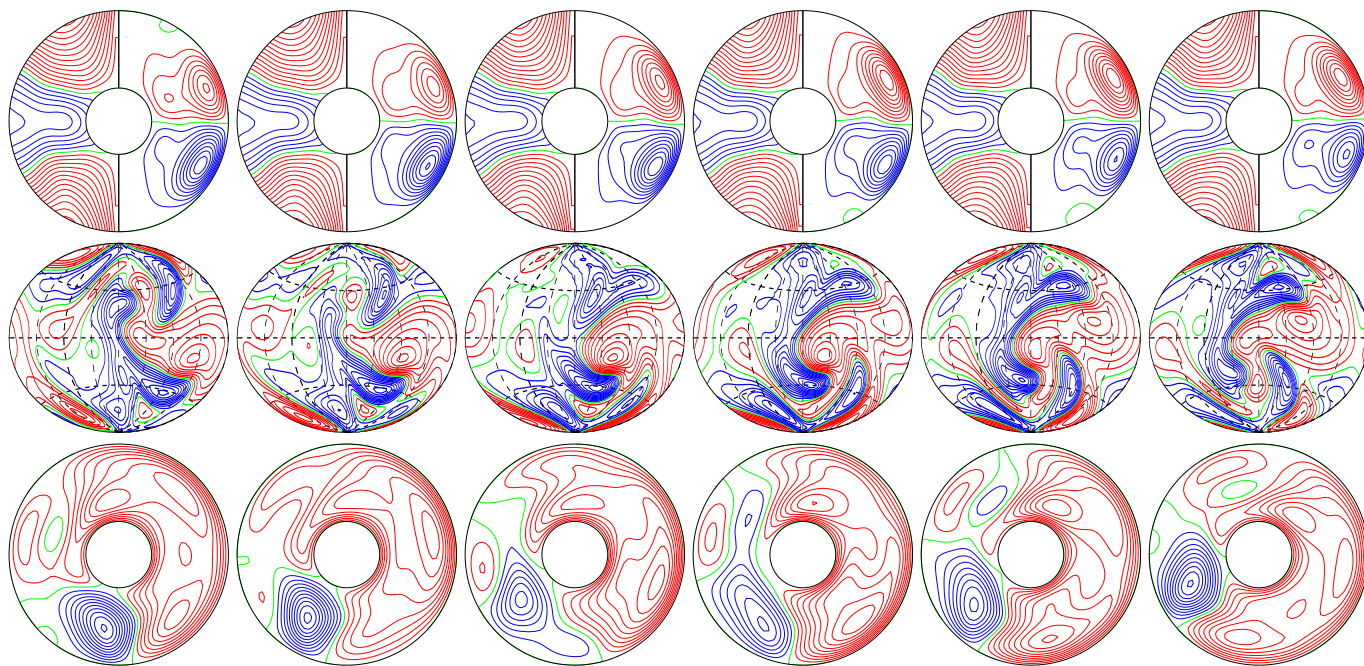
May 19, 2015



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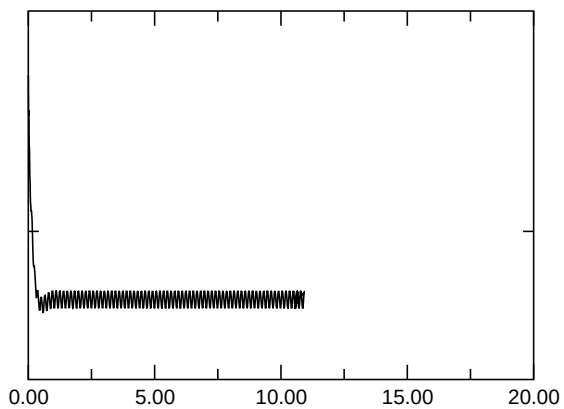
May 19, 2015

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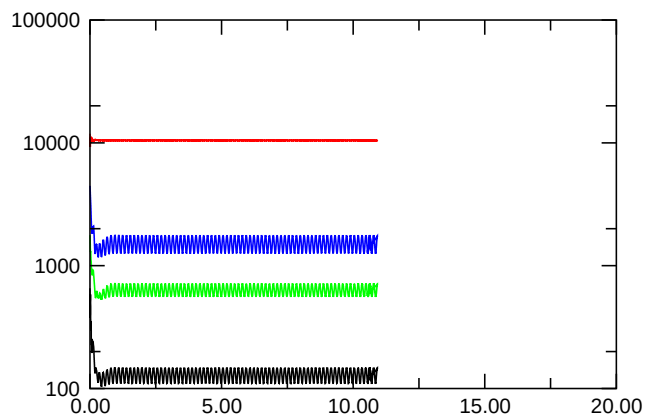


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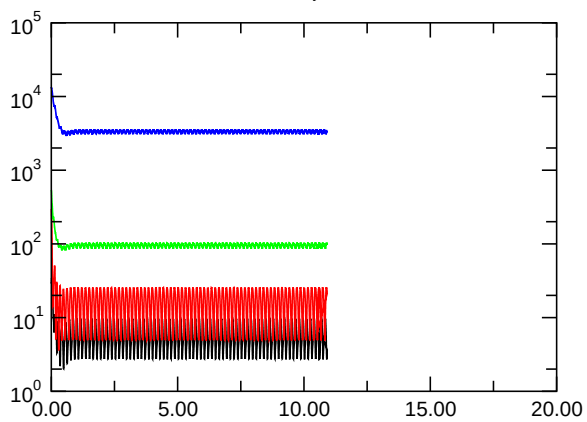
E_{kin}



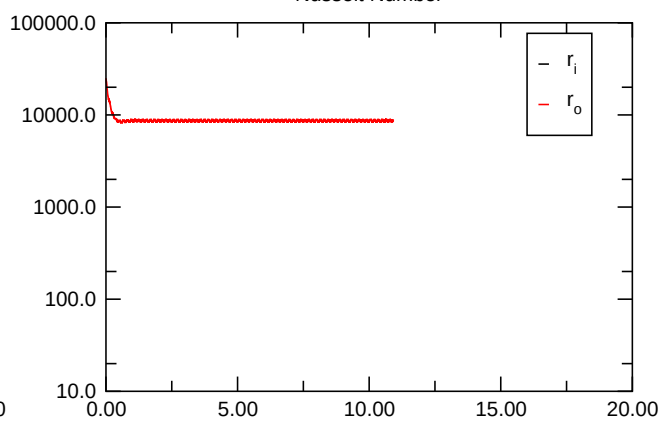
$E_{\text{kin,symm.}}$



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



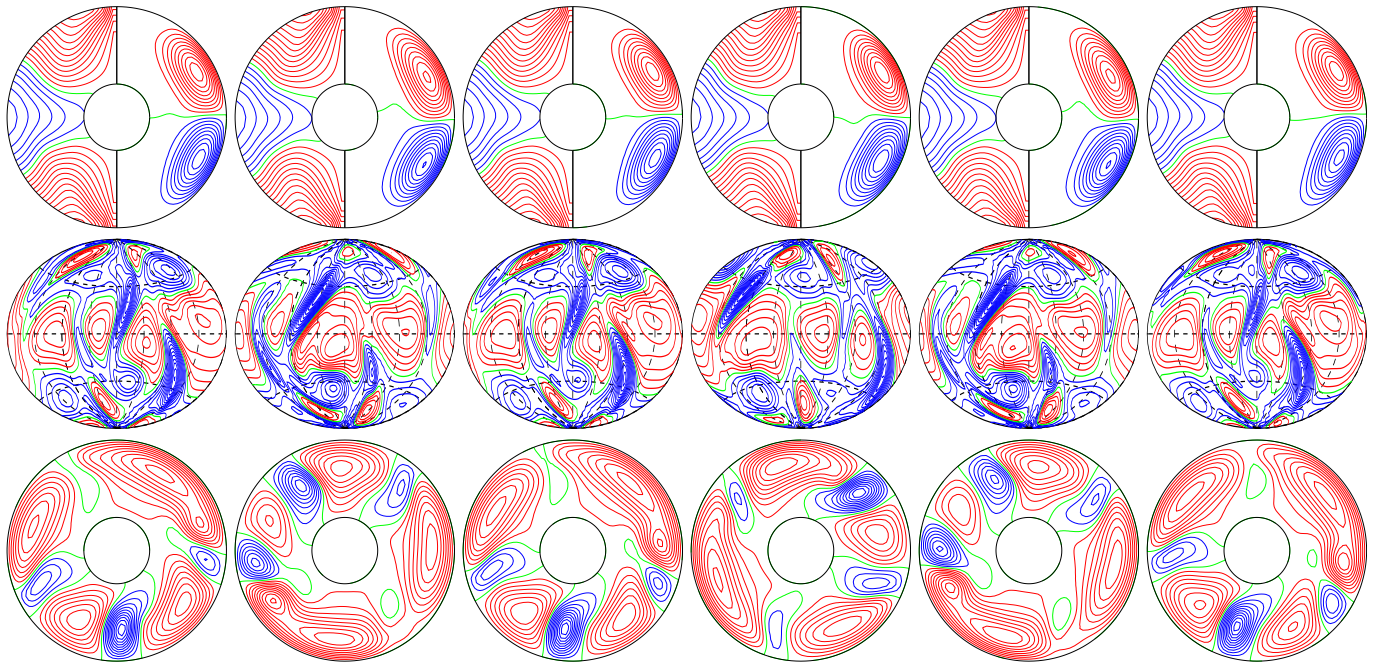
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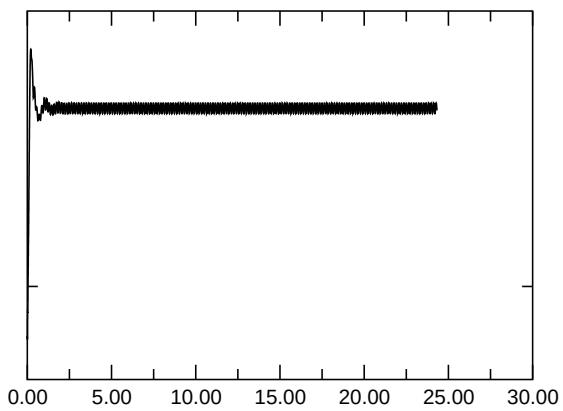
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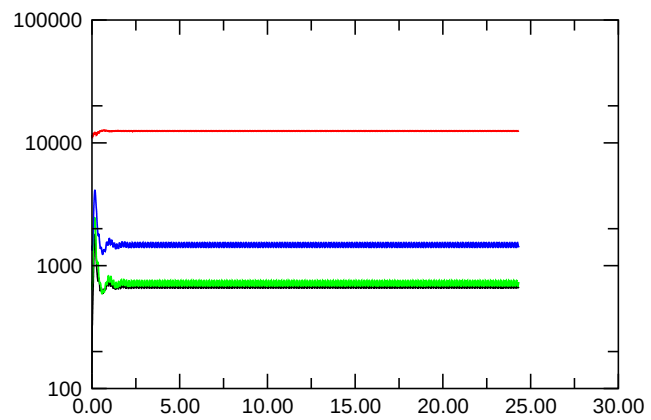
May 19, 2015



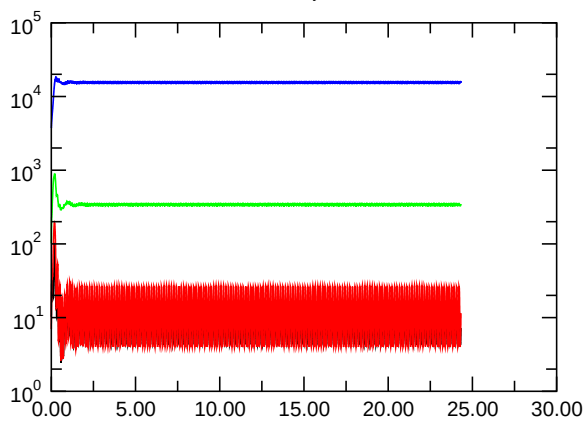
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 E_{kin}



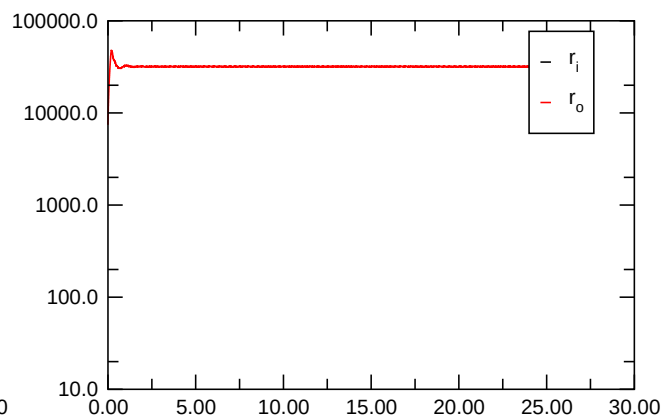
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$E_{\text{kin,asymm.}}$



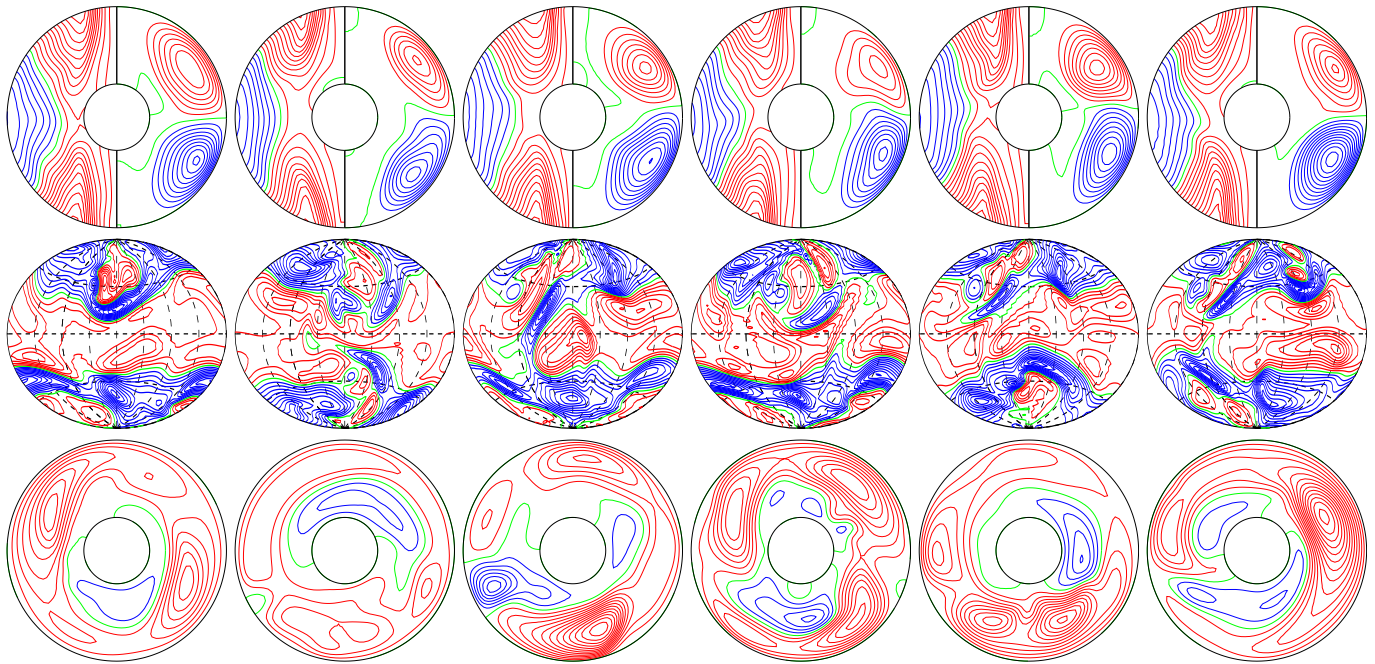
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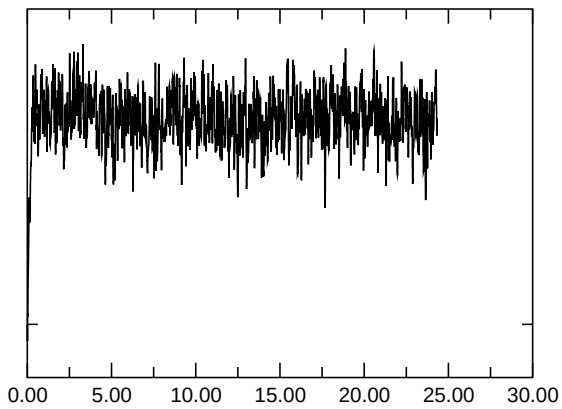
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May 19, 2015

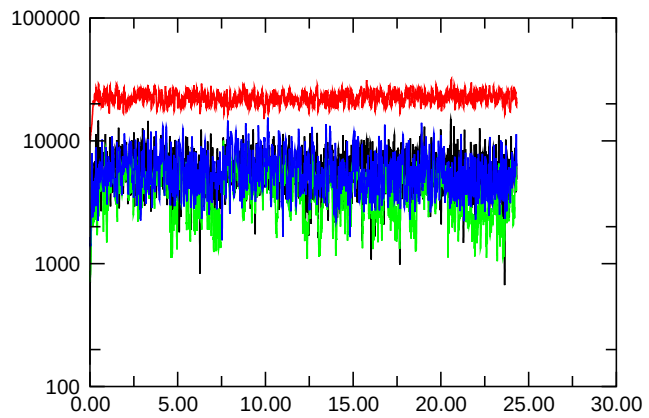


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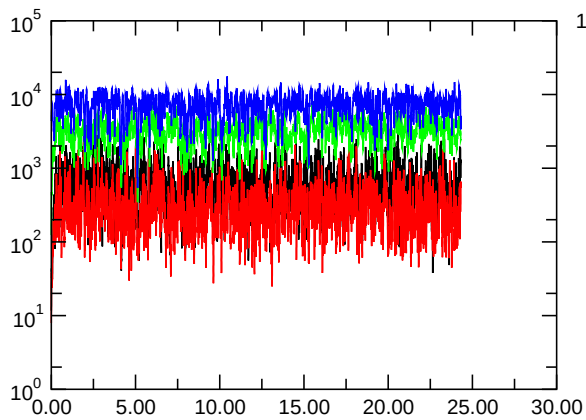
E_{kin}



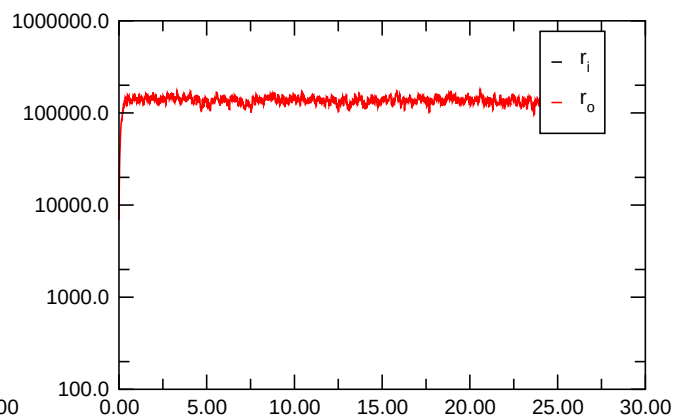
$E_{\text{kin,symm.}}$



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



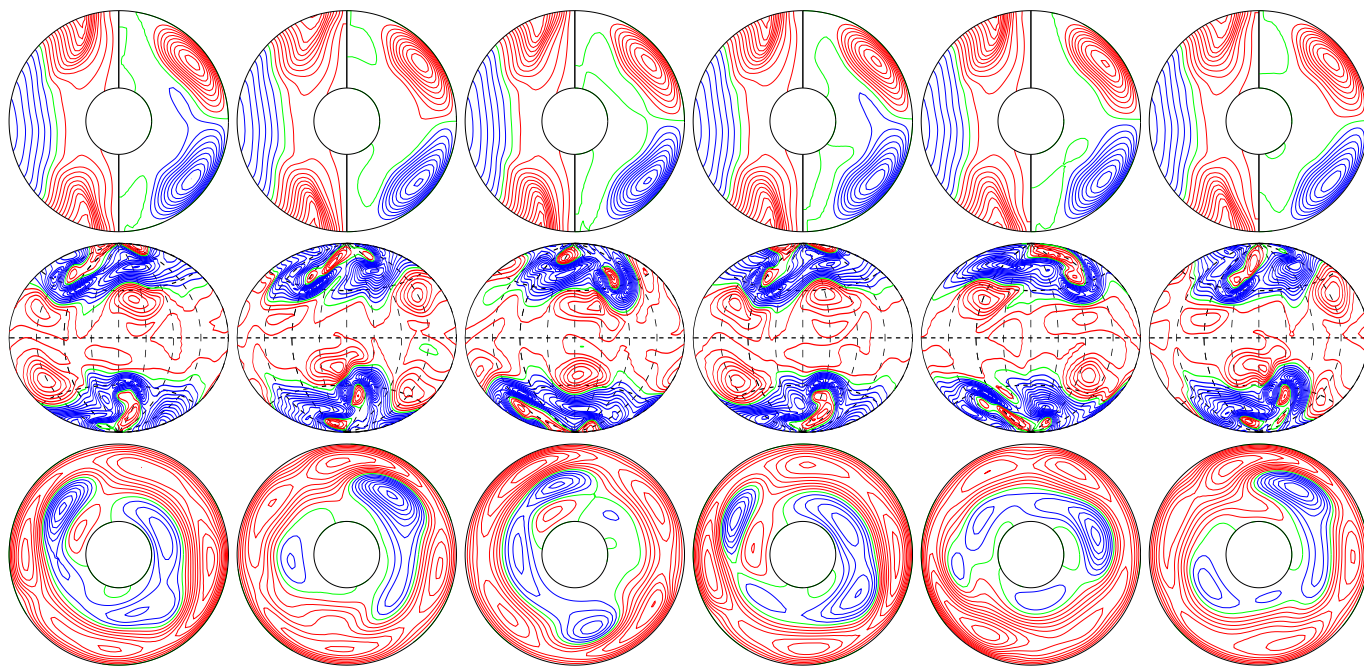
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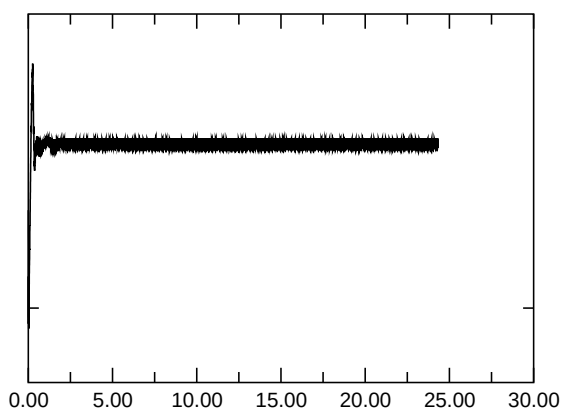
May 19, 2015

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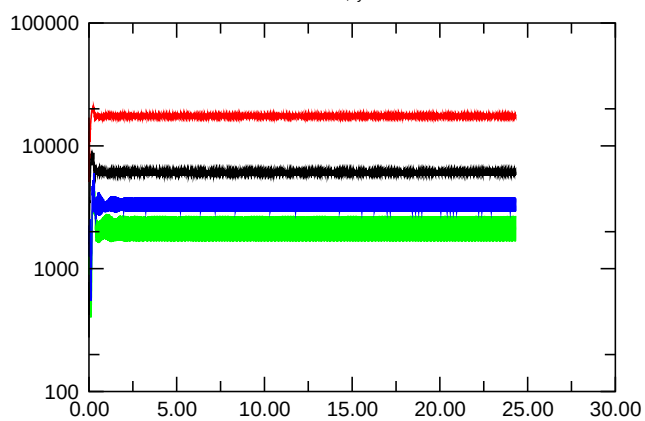


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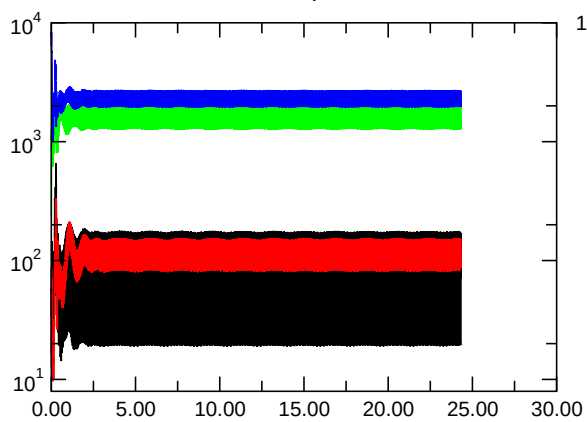
E_{kin}



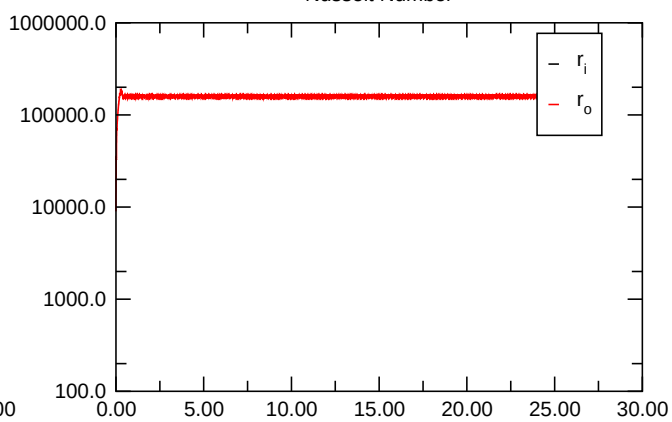
$E_{\text{kin,symm.}}$



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



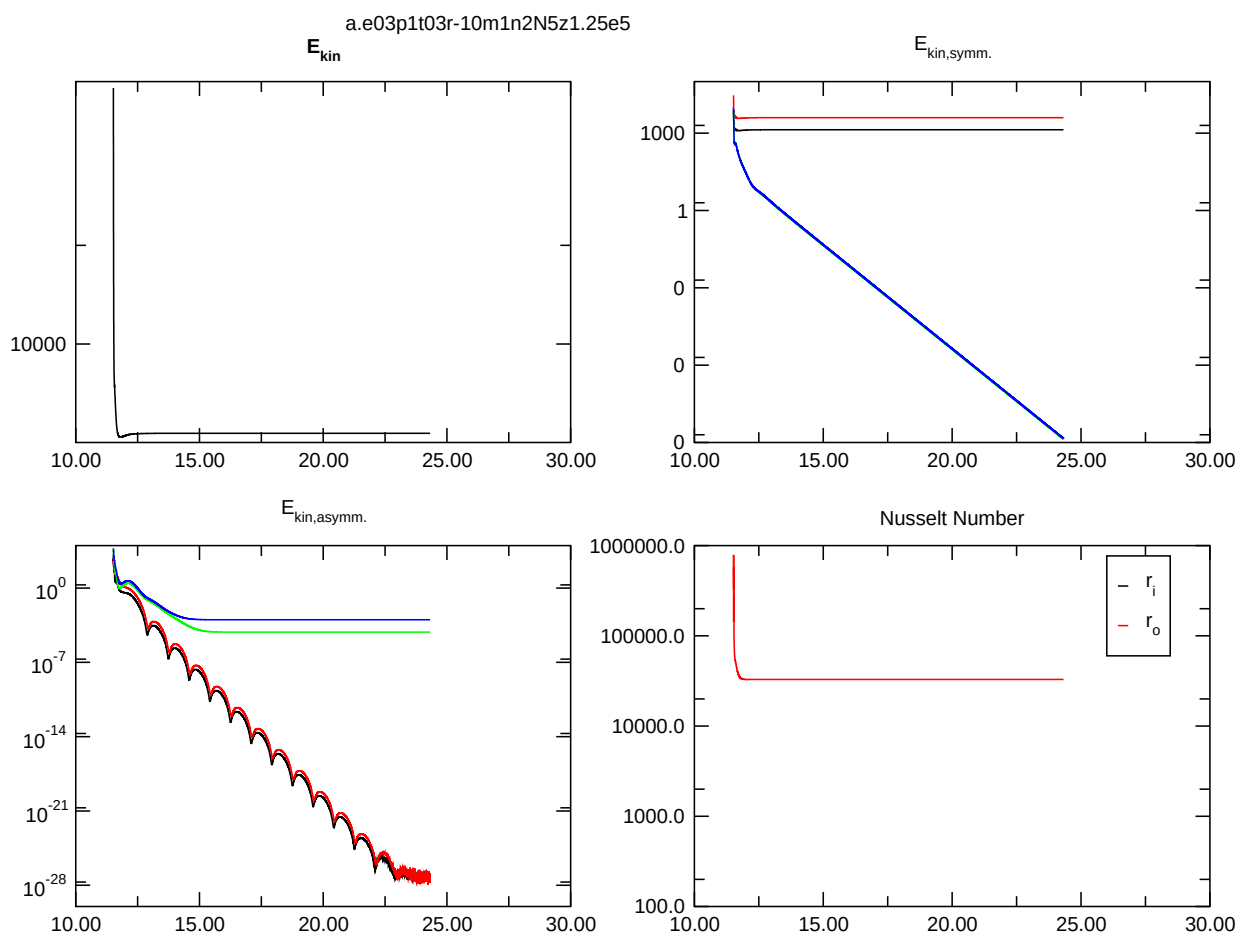
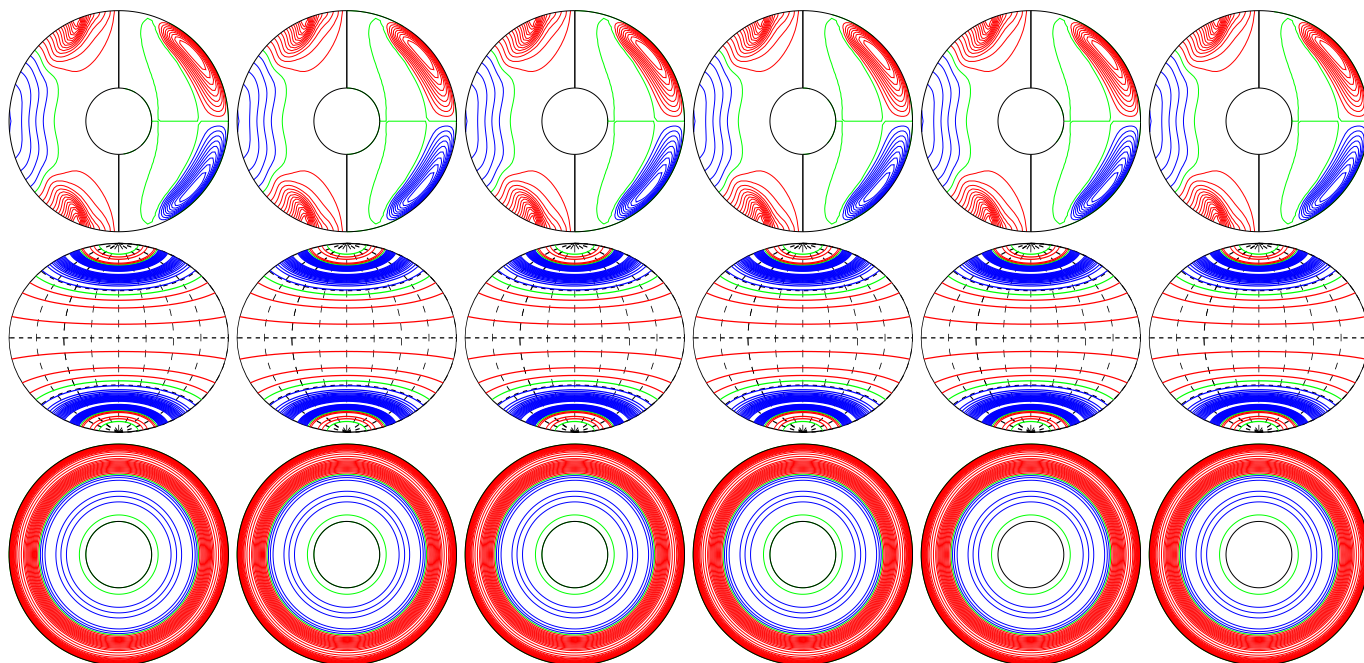
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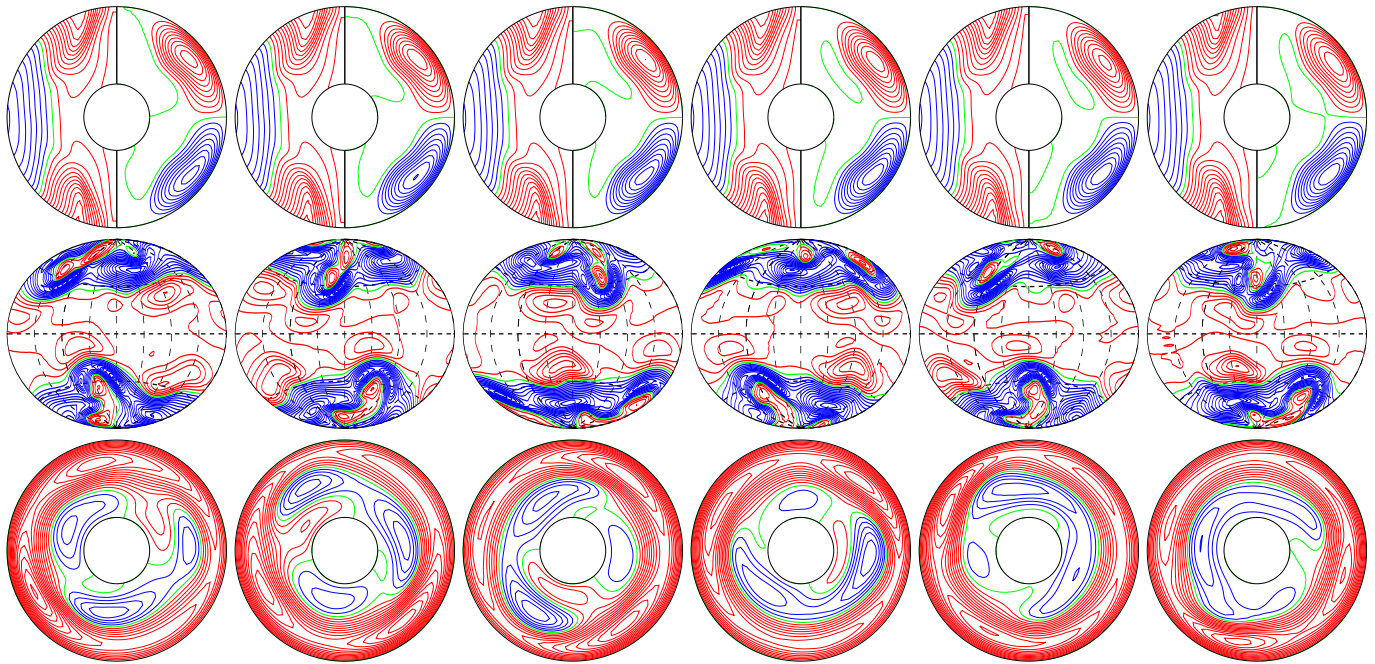
May 19, 2015



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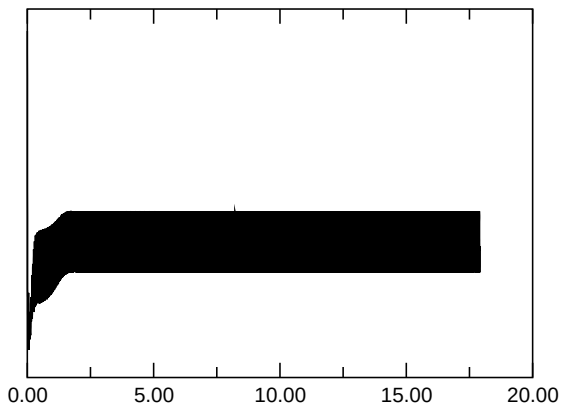
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May 19, 2015

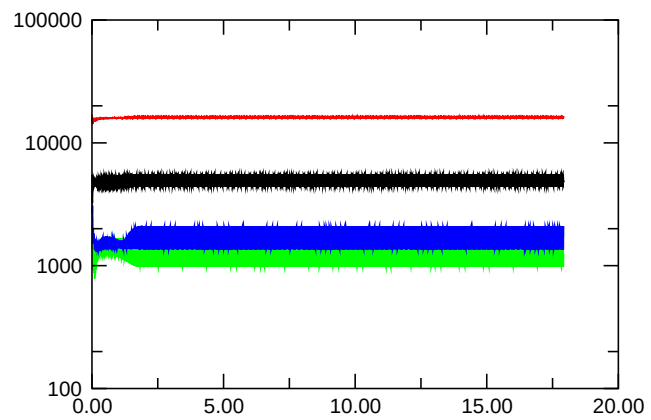


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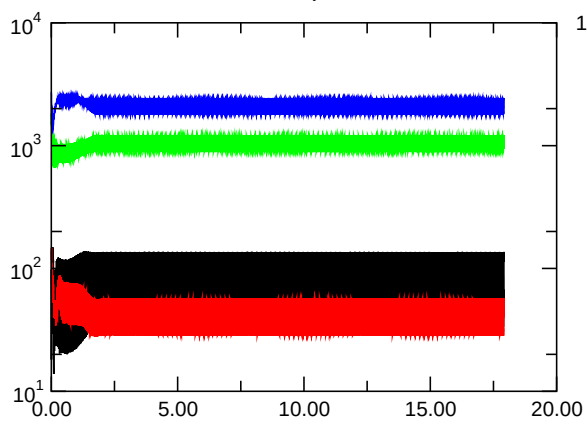
E_{kin}



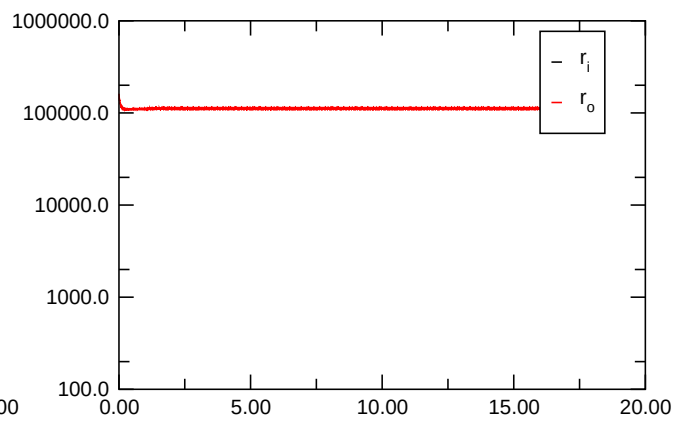
$E_{\text{kin,symm.}}$



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



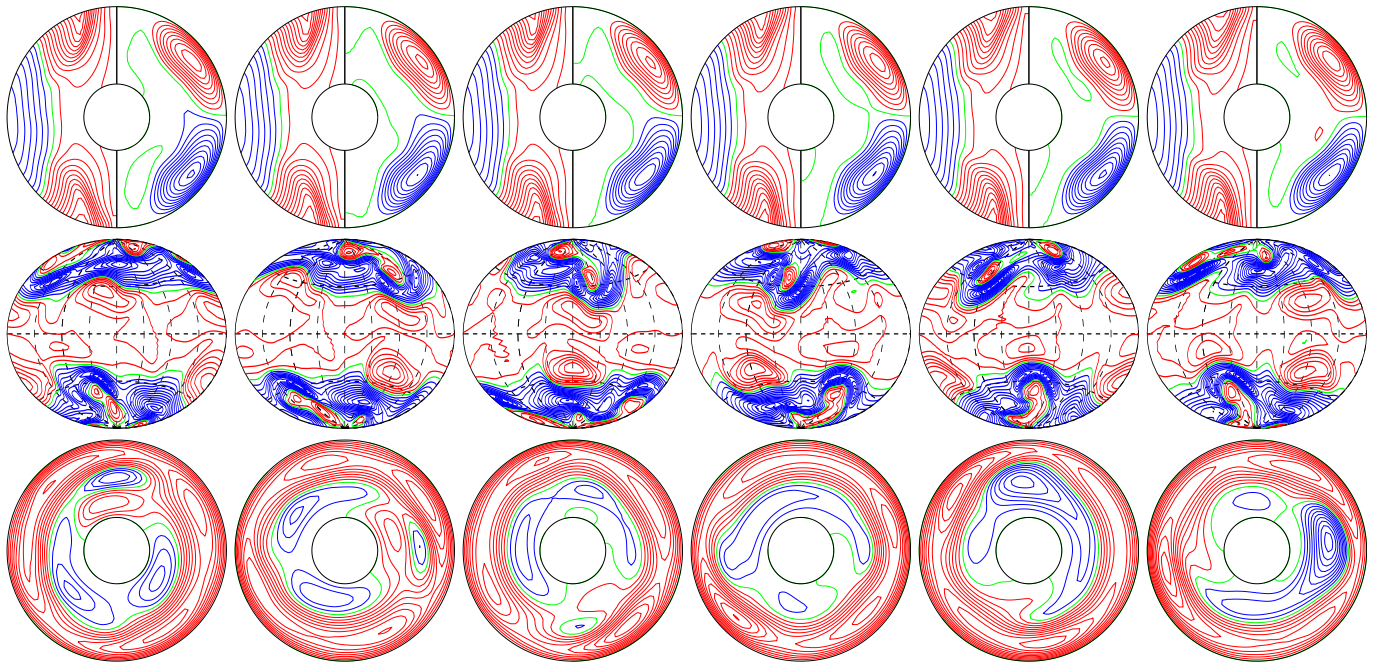
Nusselt Number



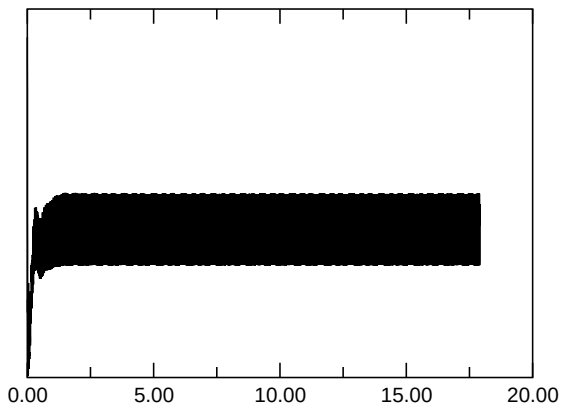
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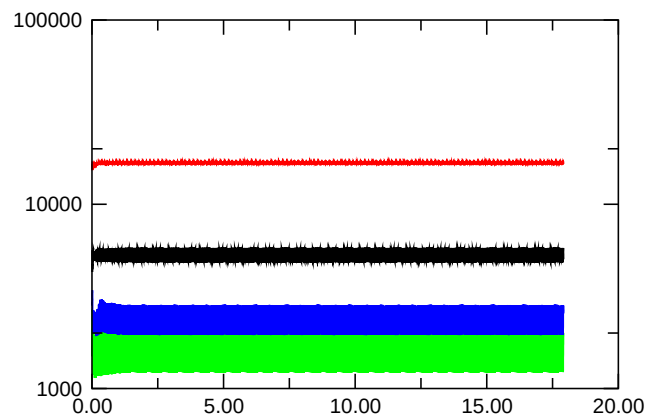
May 19, 2015



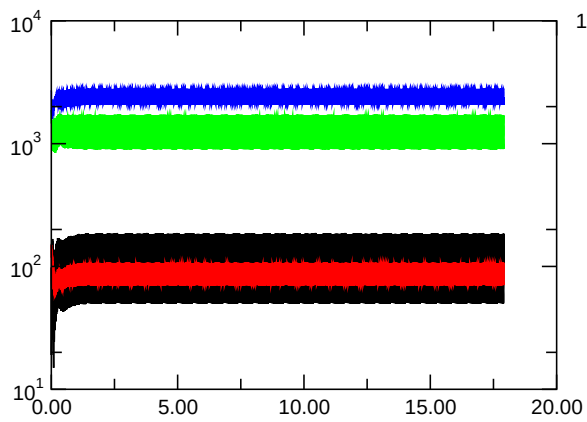
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 E_{kin}



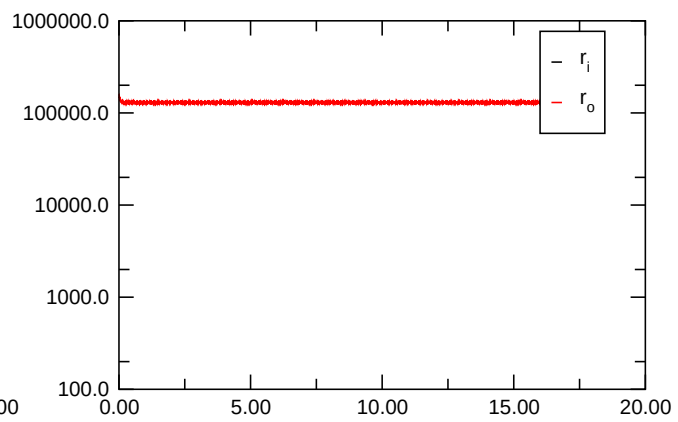
$E_{\text{kin,symm.}}$



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



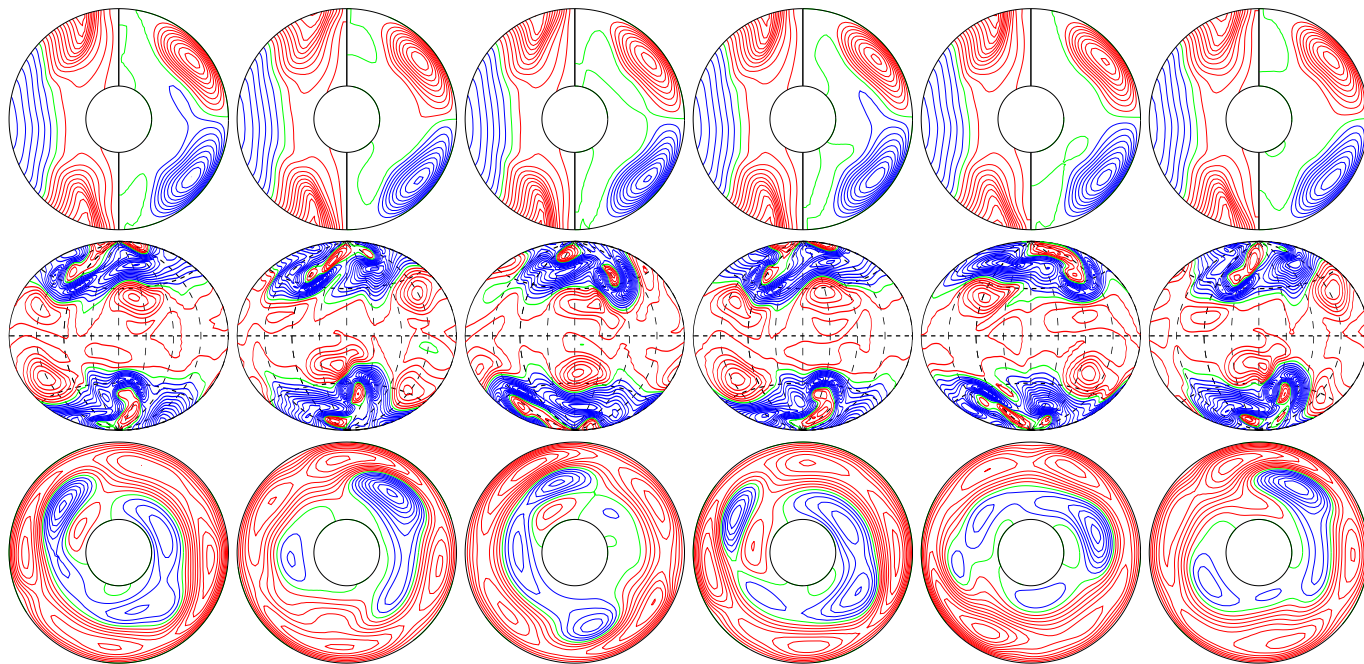
Nusselt Number



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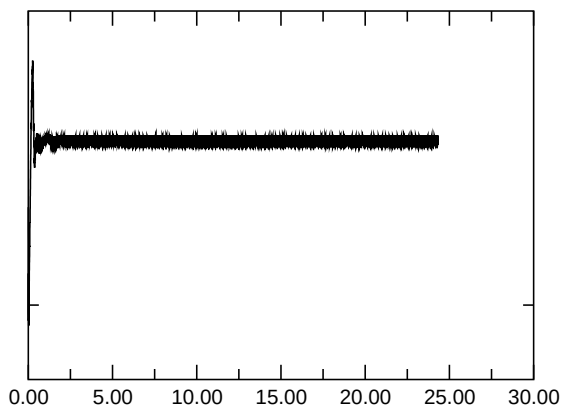
May 19, 2015

times: 16.64001 19.20001 20.48001 21.76001 23.04001 24.32001

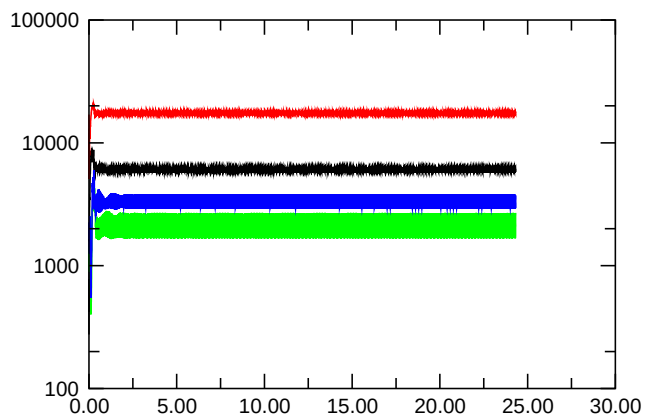


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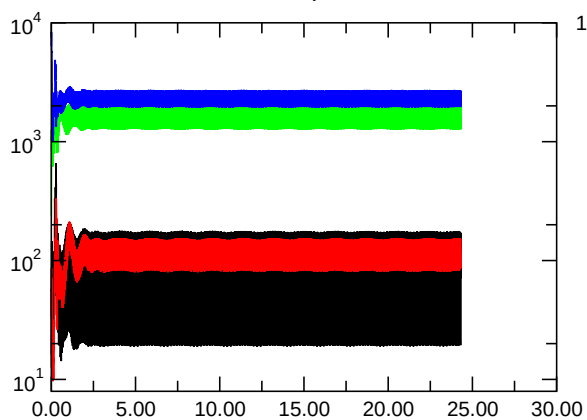
E_{kin}



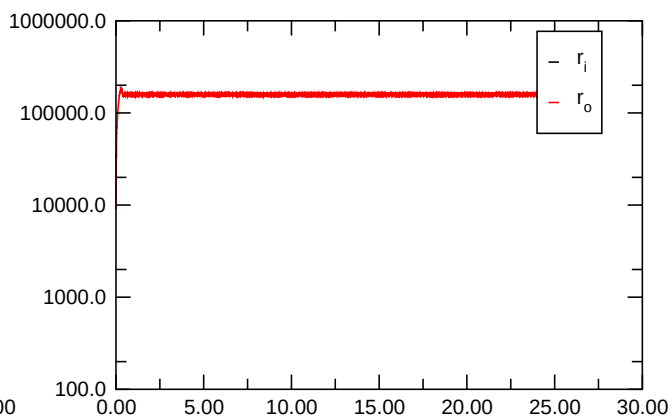
$E_{\text{kin,symm.}}$



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



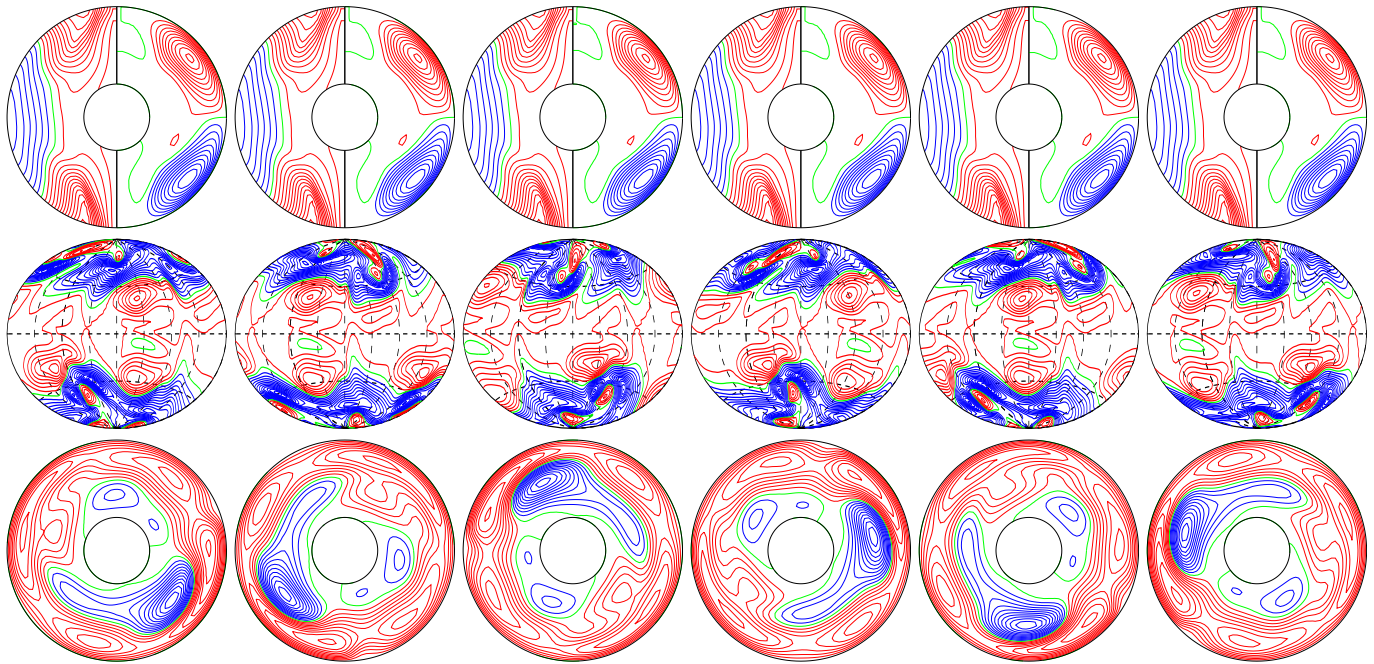
Nusselt Number



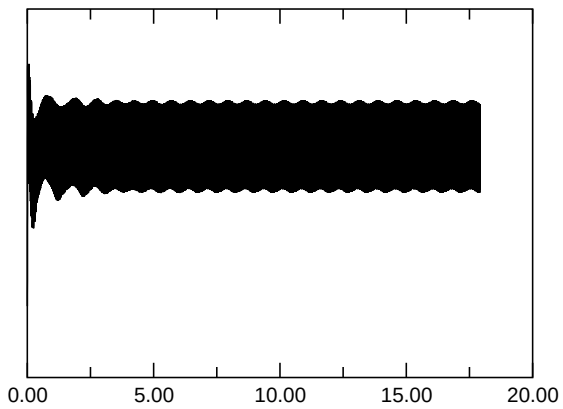
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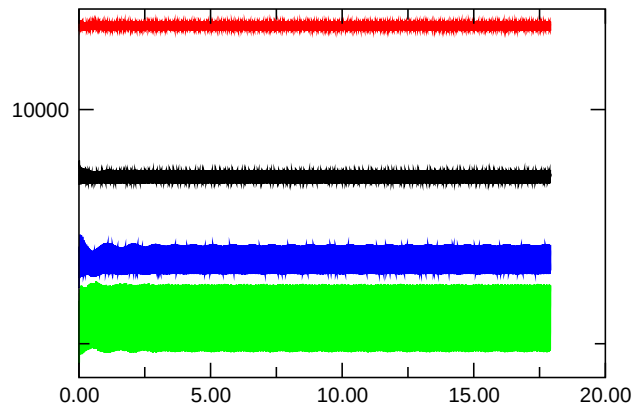
May 19, 2015



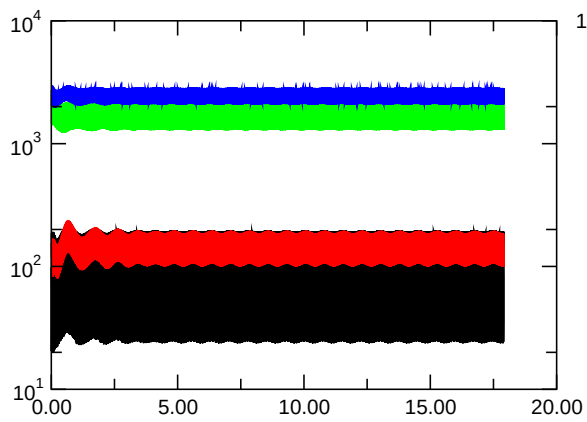
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 E_{kin}



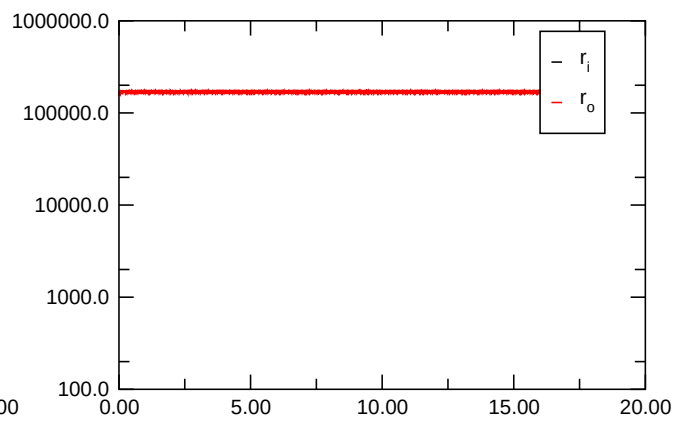
$E_{\text{kin,symm.}}$



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



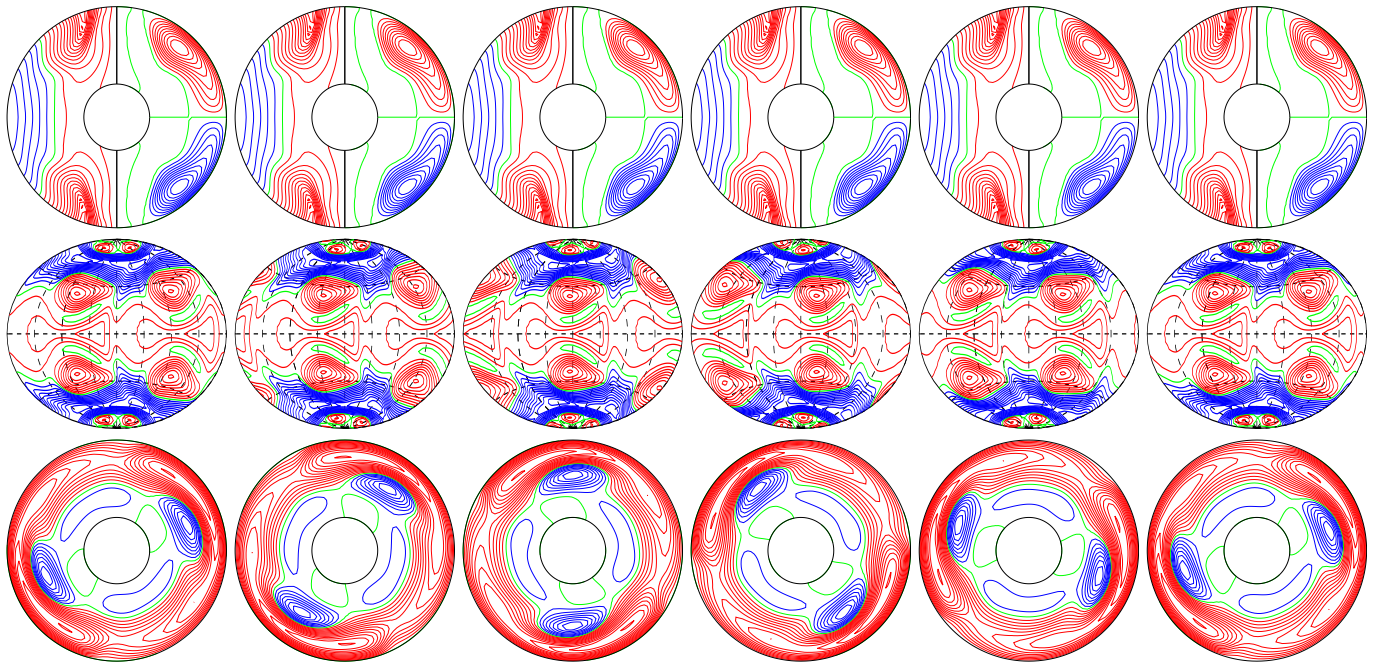
Nusselt Number



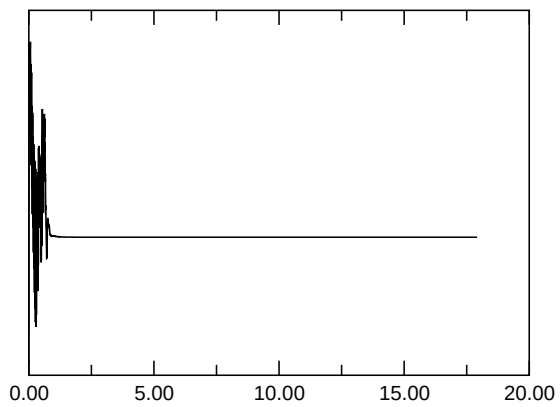
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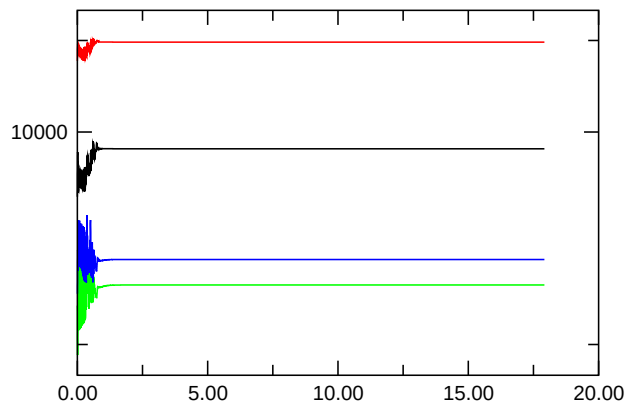
May 19, 2015



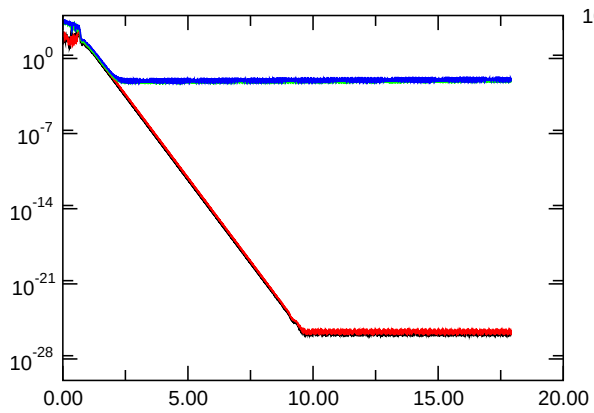
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 E_{kin}



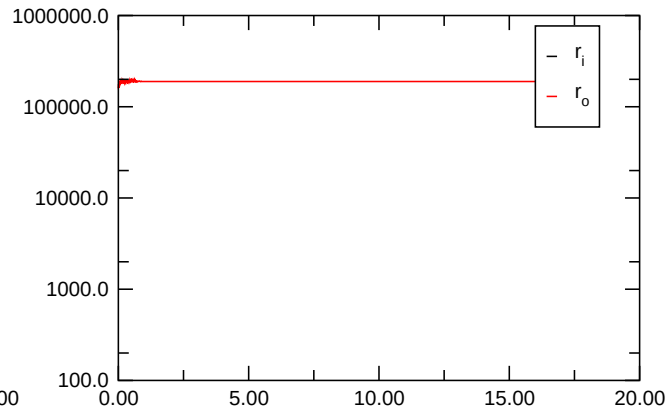
$E_{\text{kin,symm.}}$



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



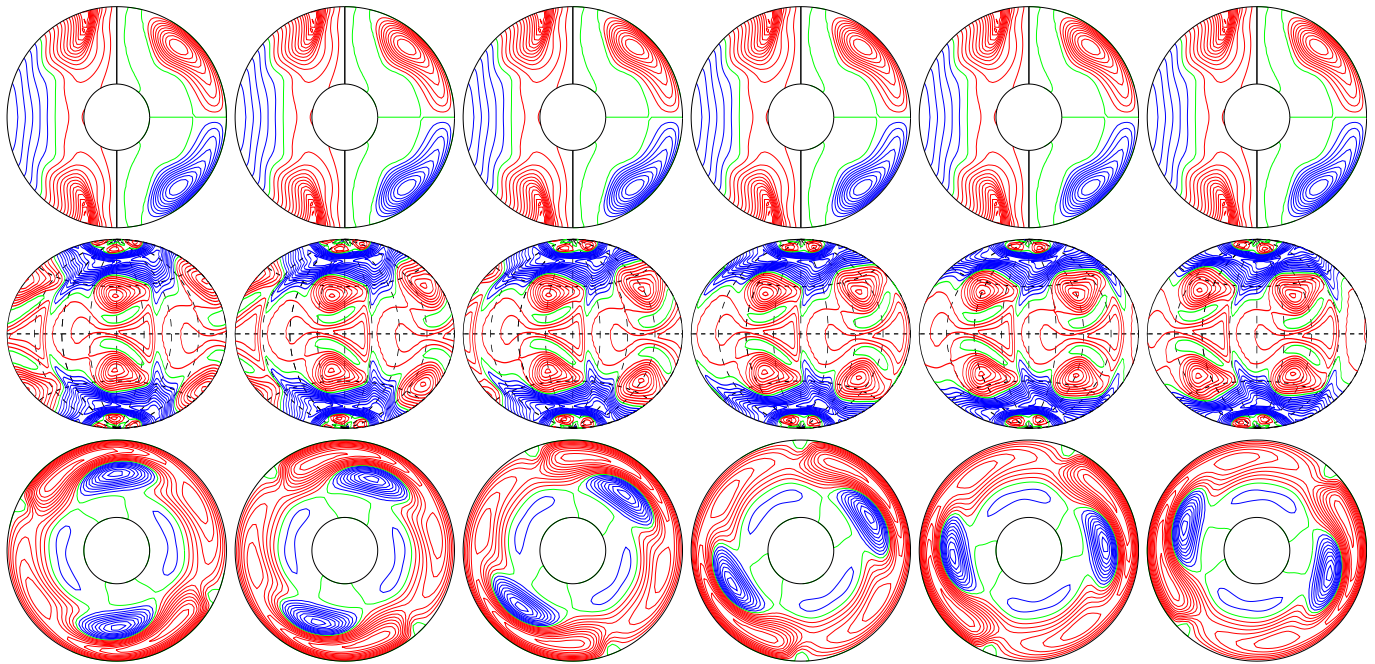
Nusselt Number



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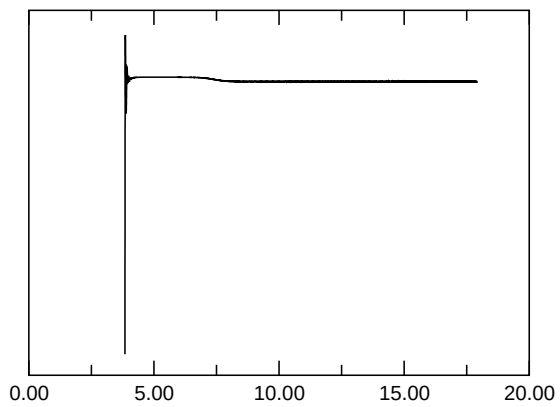
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May 19, 2015

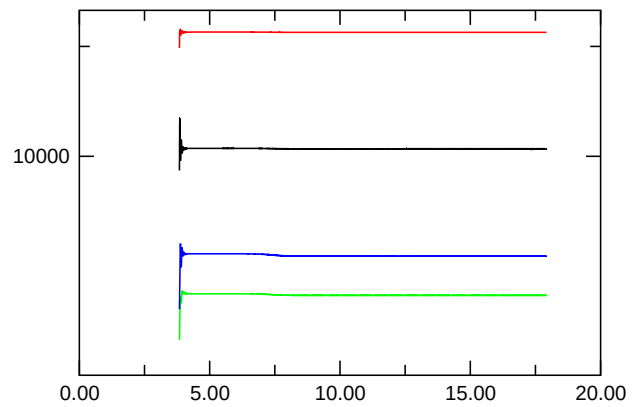


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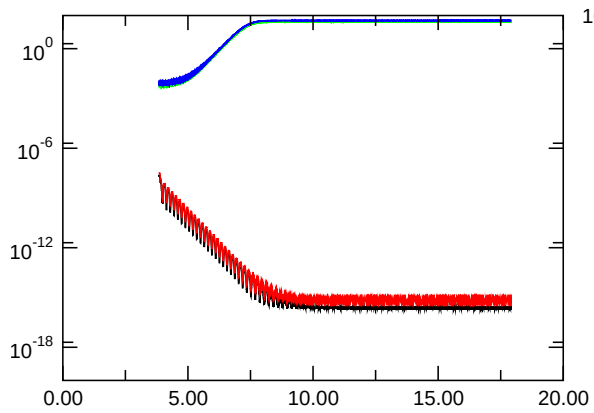
E_{kin}



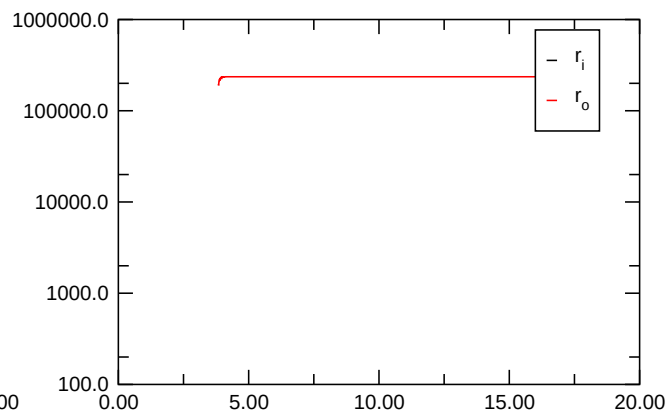
$E_{\text{kin,symm.}}$



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



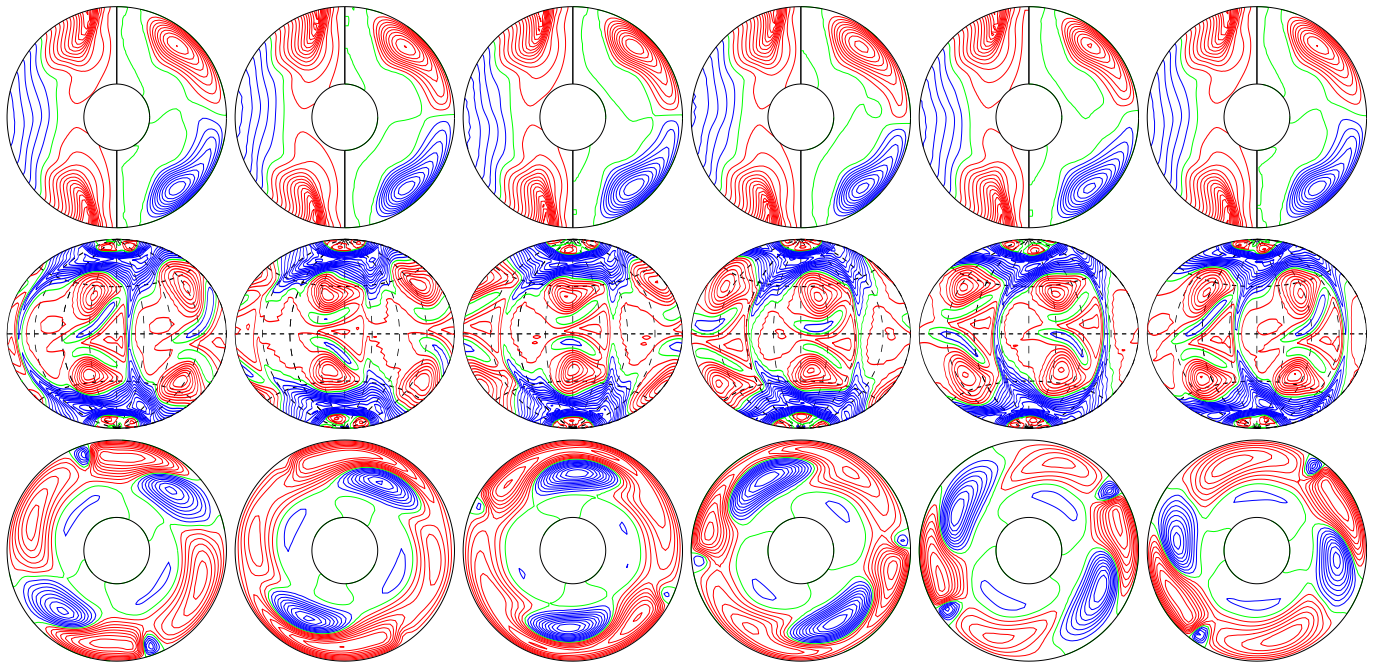
Nusselt Number



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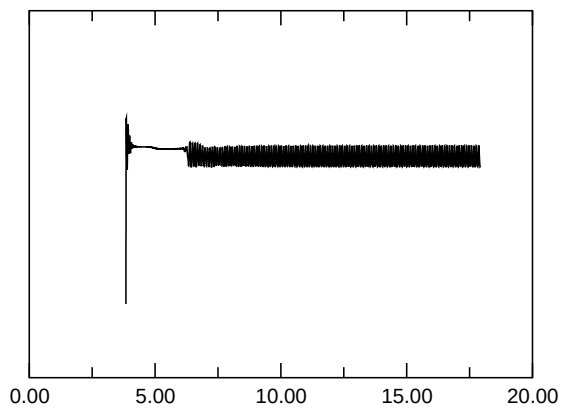
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May 19, 2015

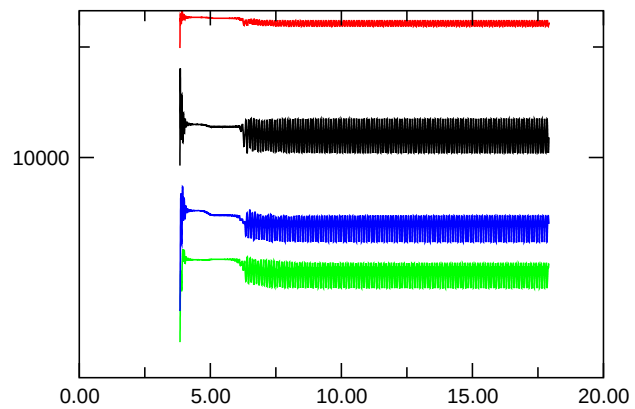


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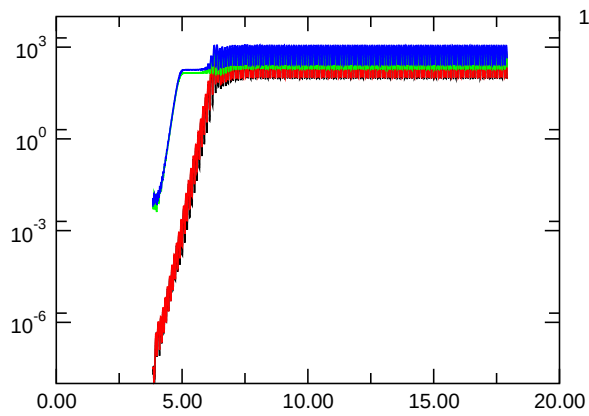
E_{kin}



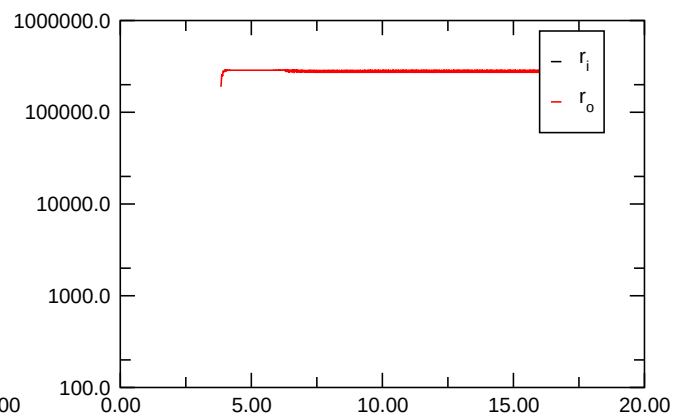
$E_{\text{kin,symm.}}$



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

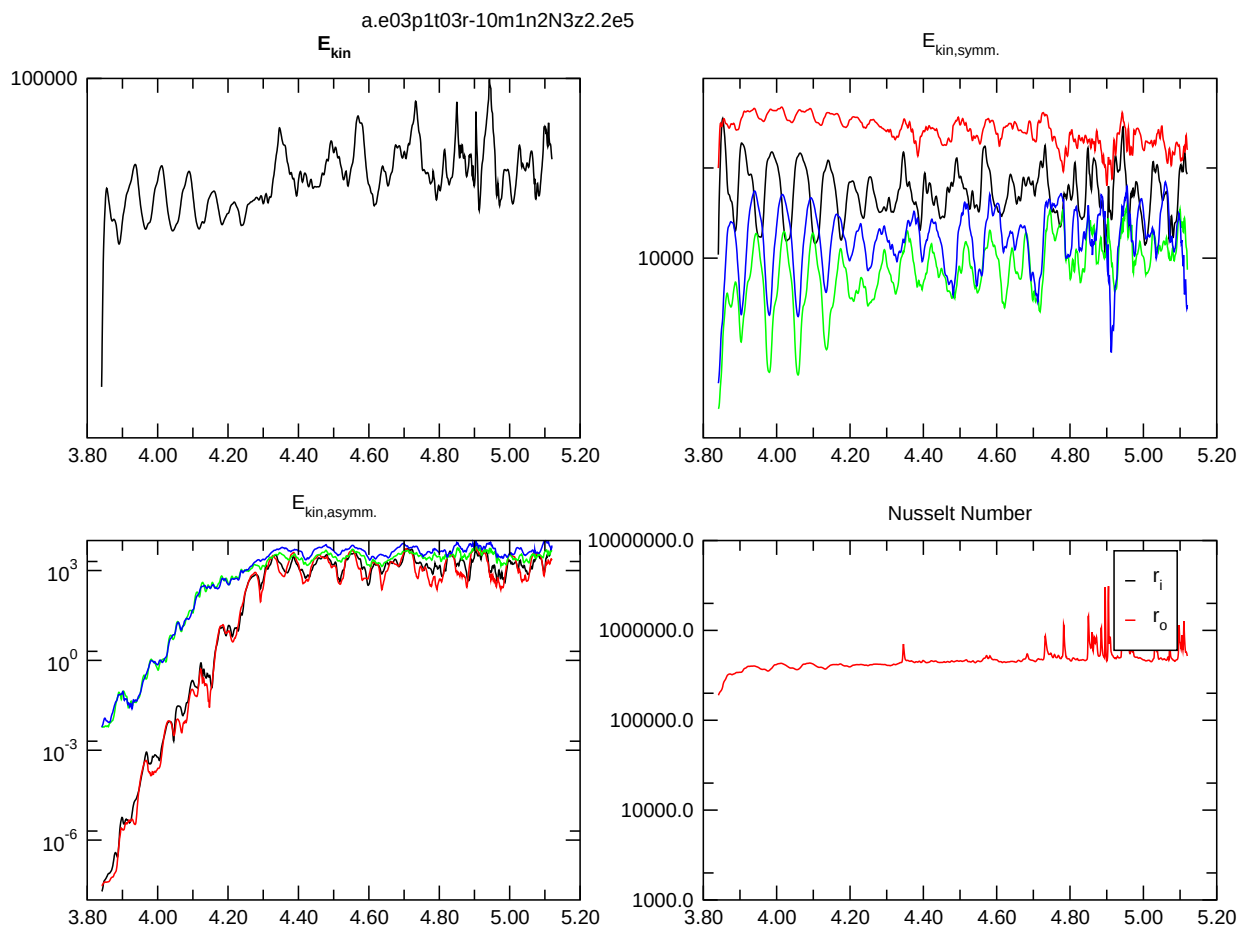
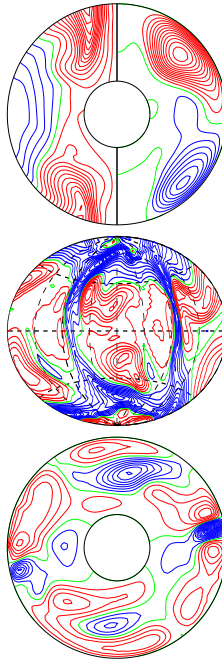


Nusselt Number



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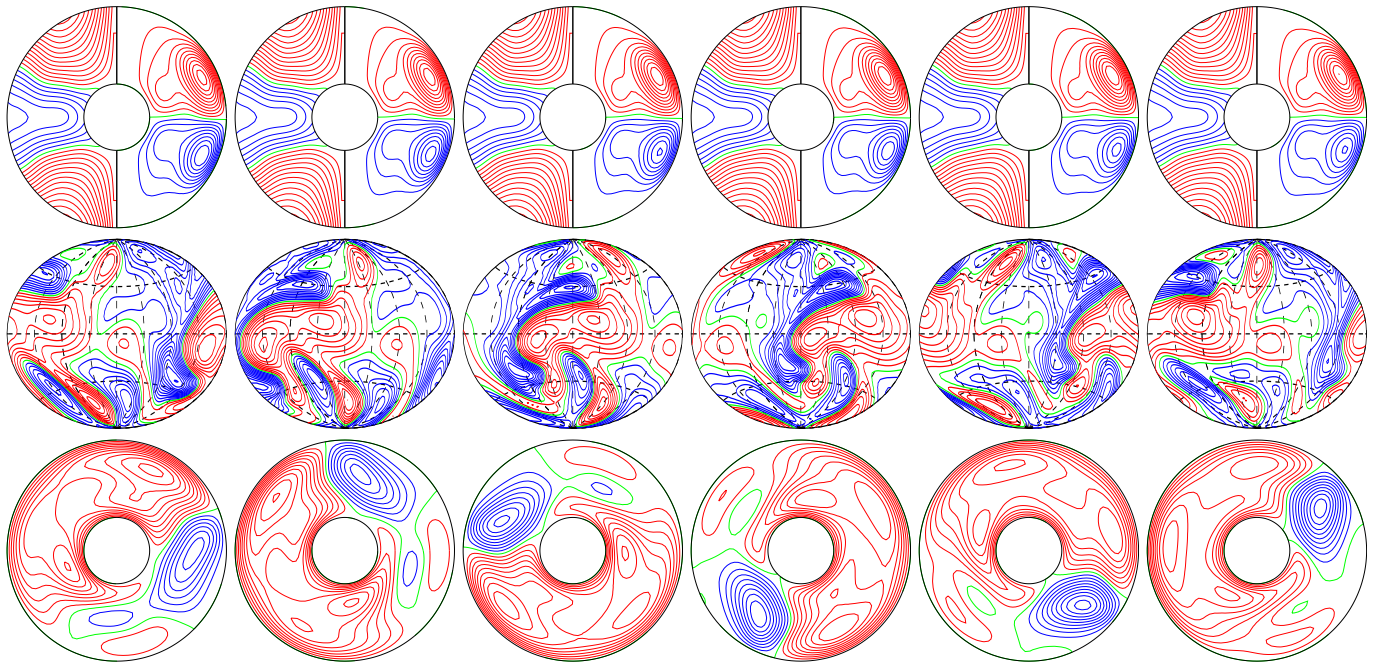
May 19, 2015



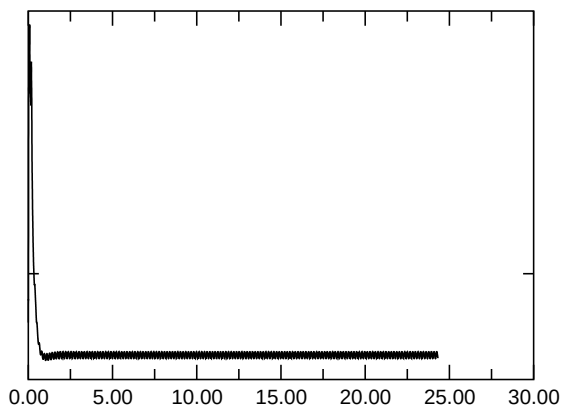
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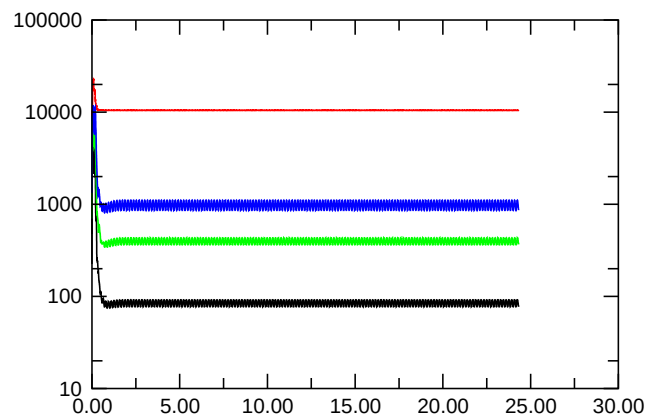
May 19, 2015



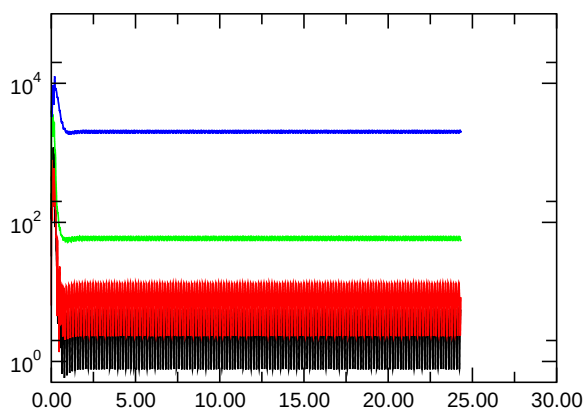
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 E_{kin}



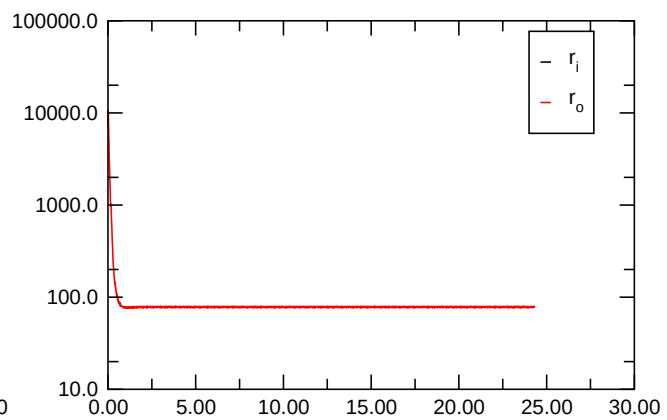
$E_{\text{kin, symm.}}$



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



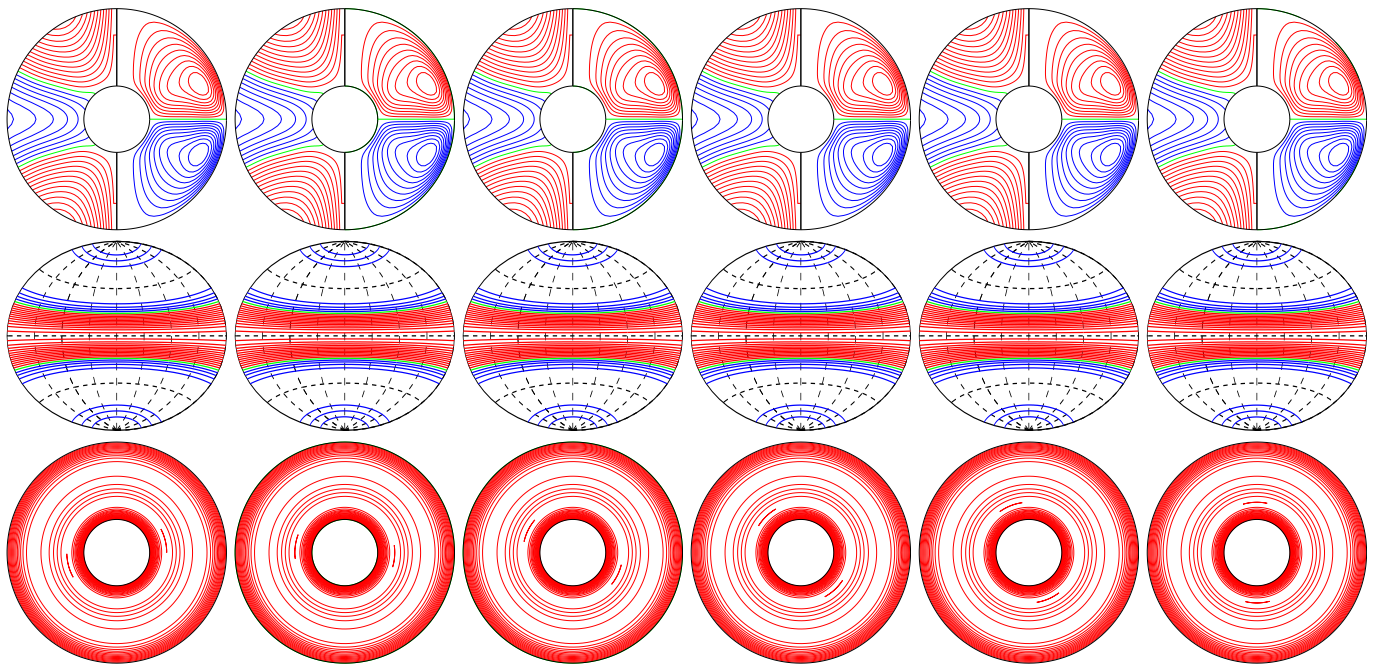
Nusselt Number



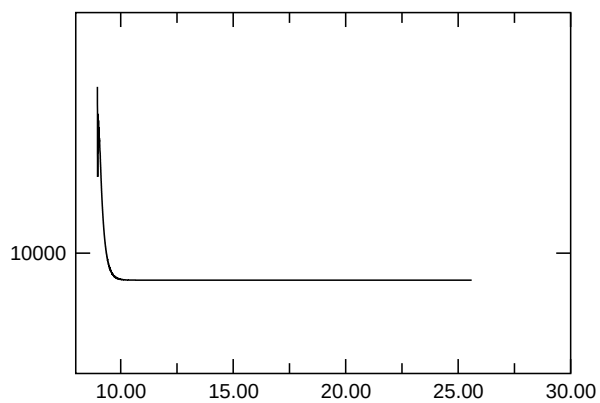
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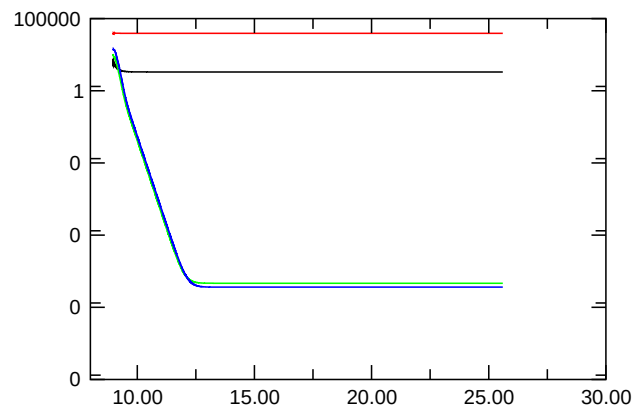
May 19, 2015



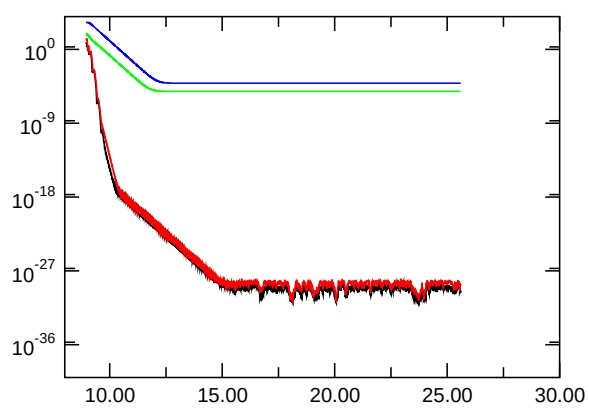
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 E_{kin}



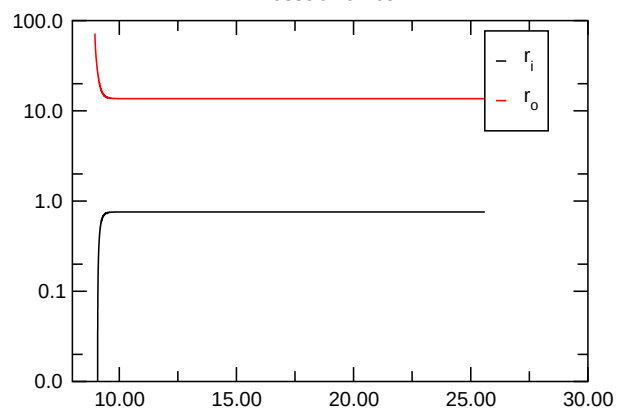
$E_{\text{kin, symm.}}$



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

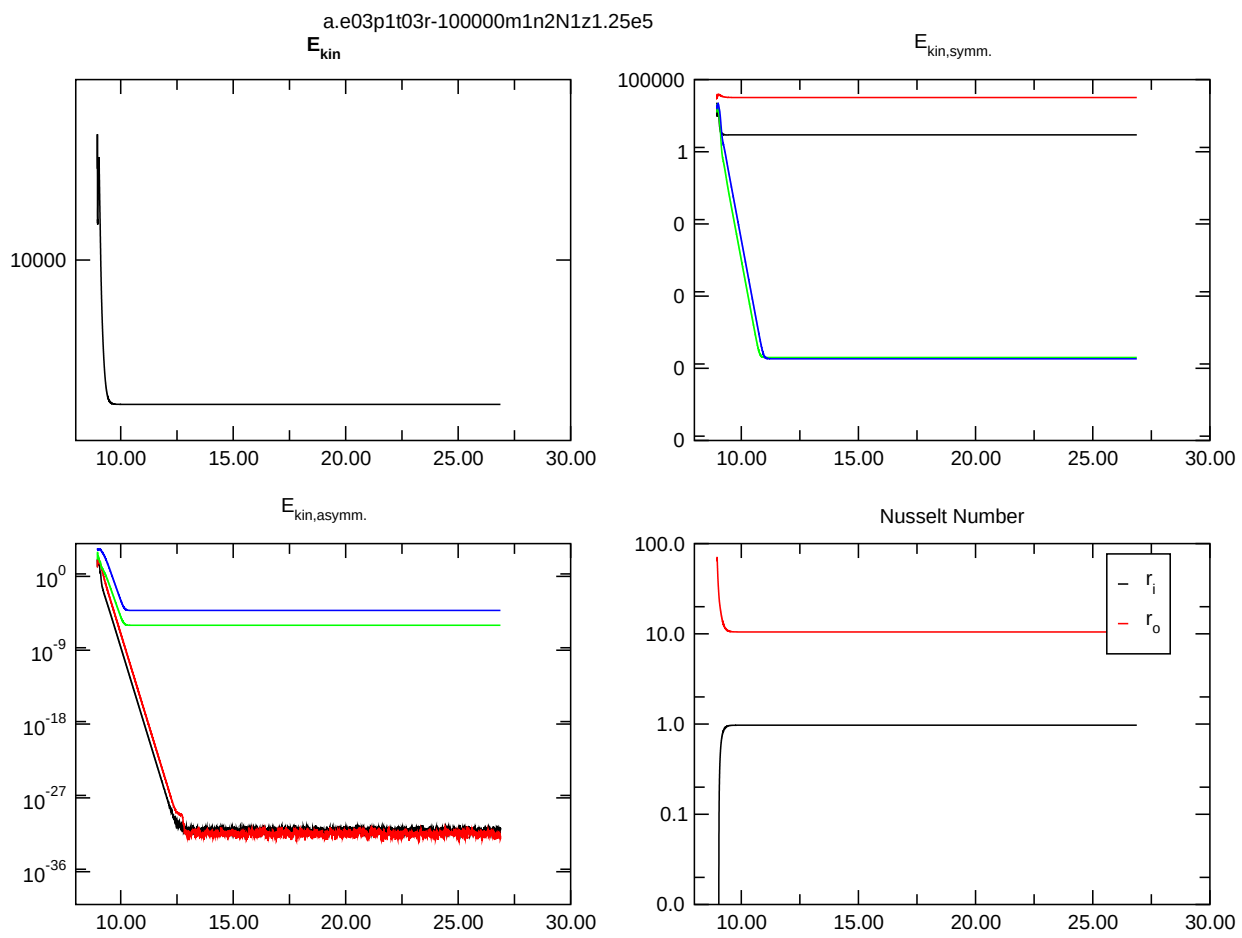
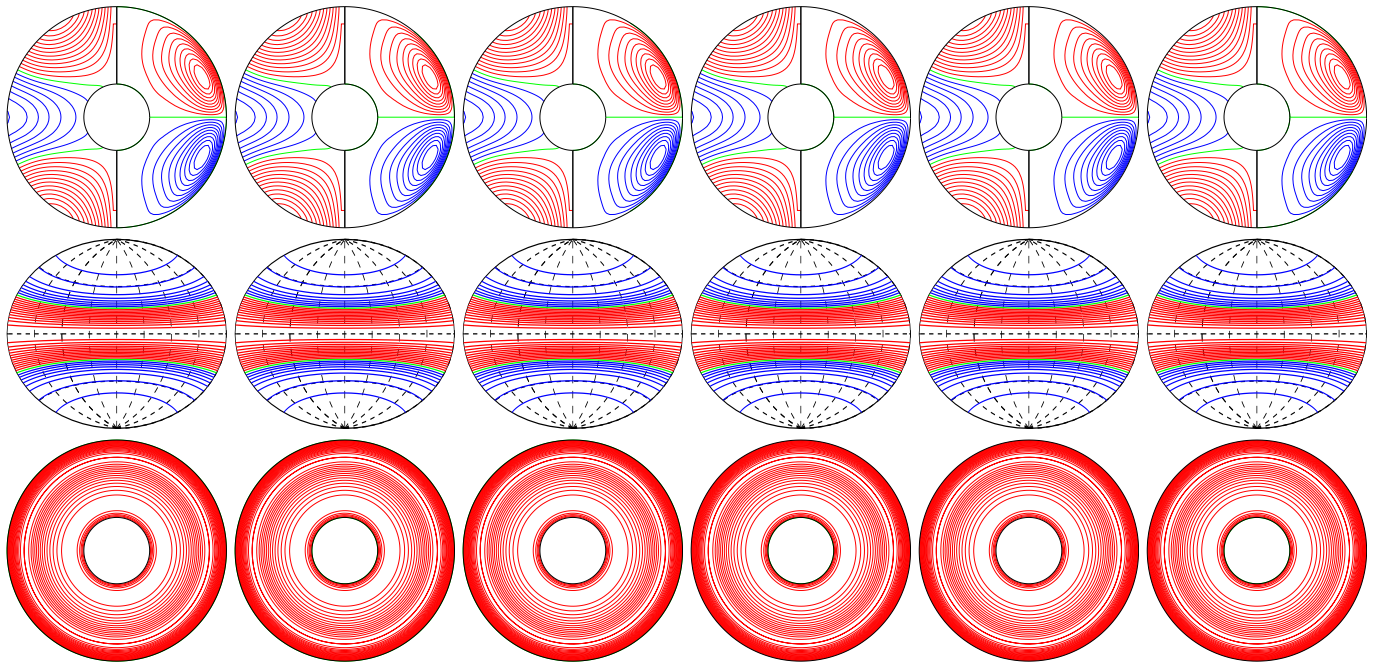


Nusselt Number



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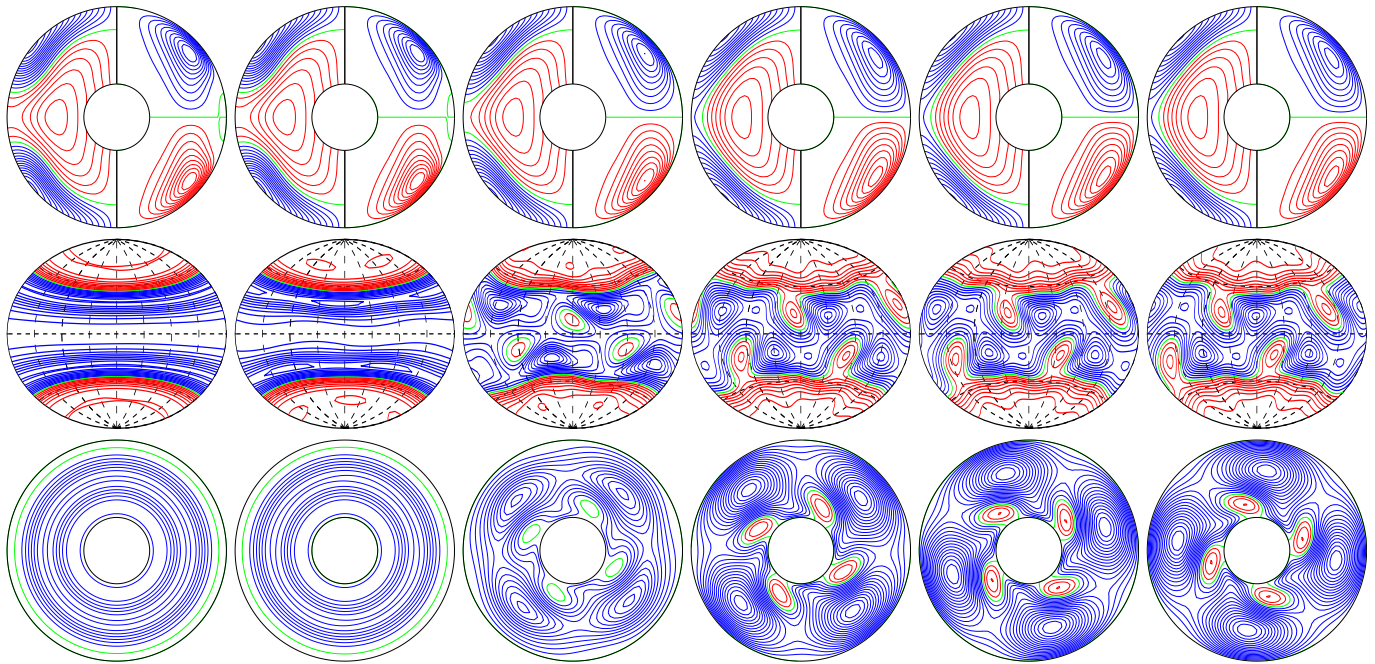
May 19, 2015



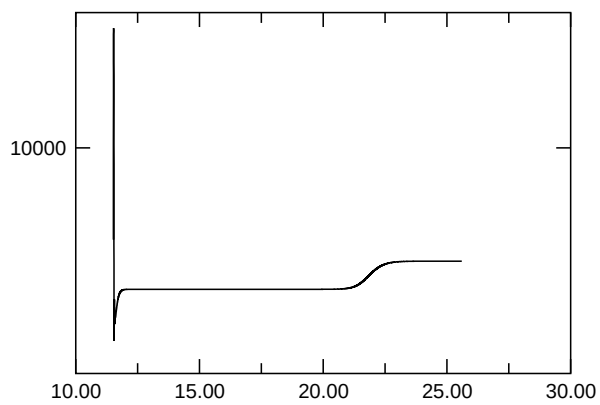
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May 19, 2015

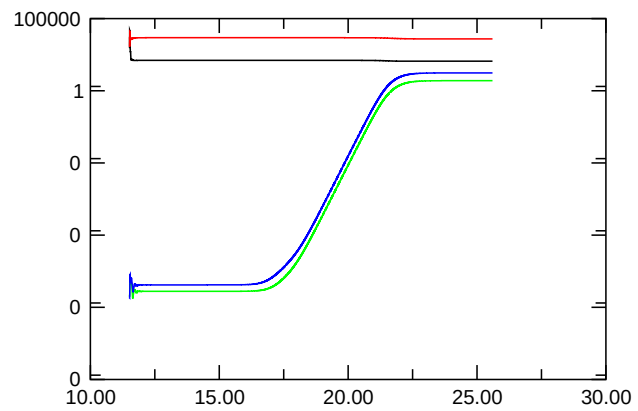
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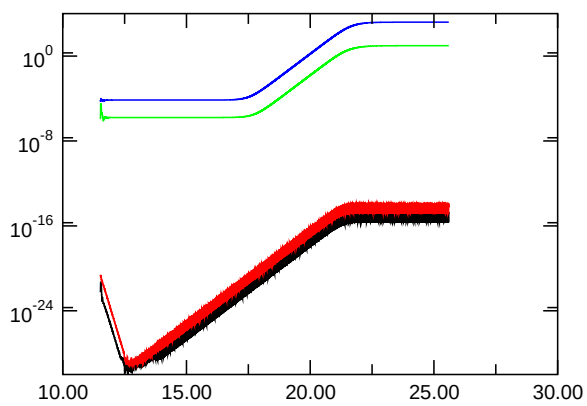
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 E_{kin}



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



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



Nusselt Number

