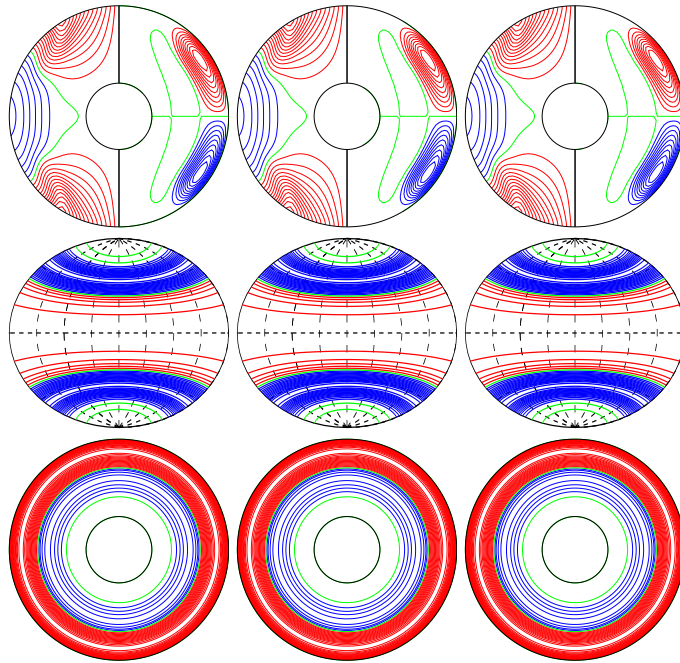
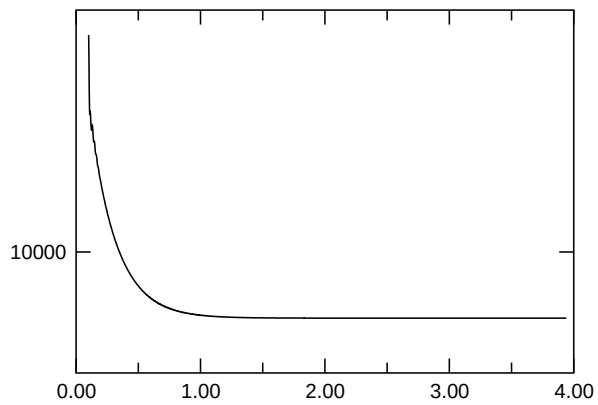


a.e03p1t03r-100000m1n2N3z1.1e5.4
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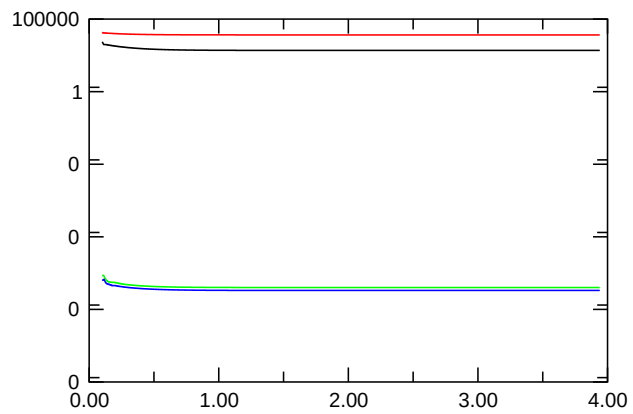
July 12, 2015



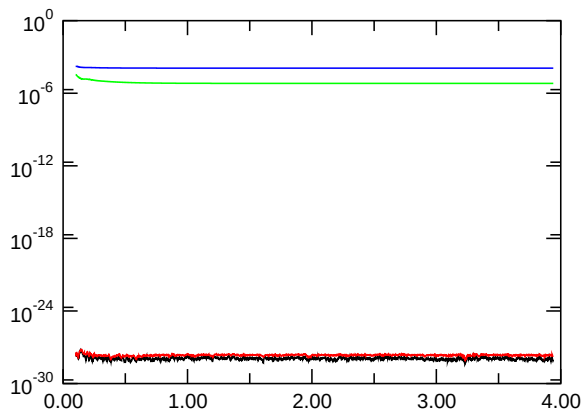
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 E_{kin}



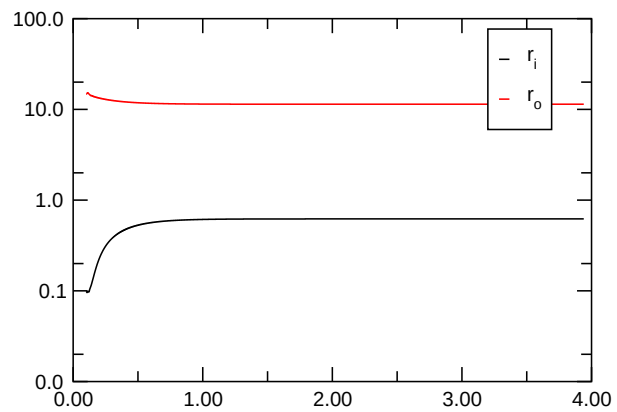
$E_{\text{kin,symm.}}$



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



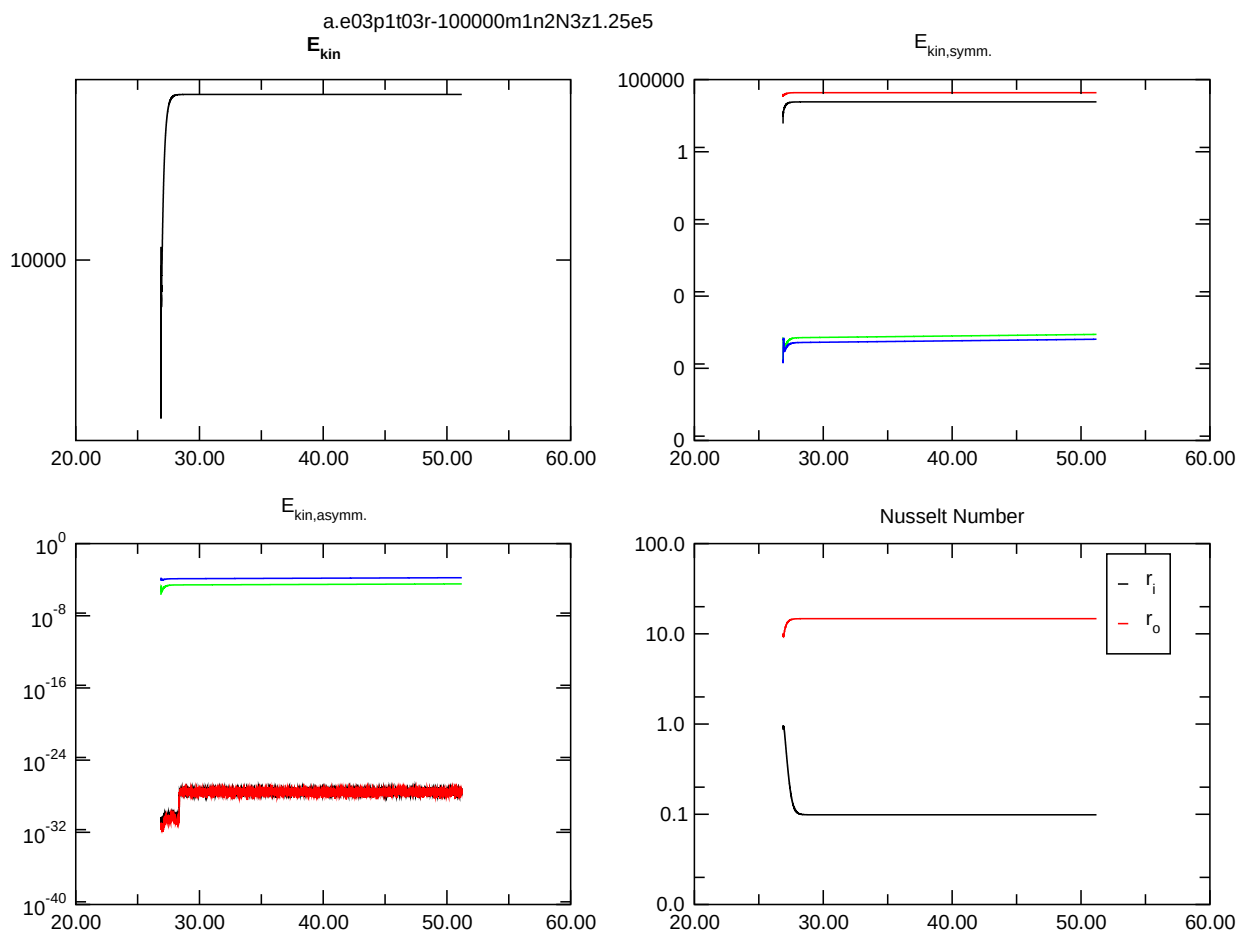
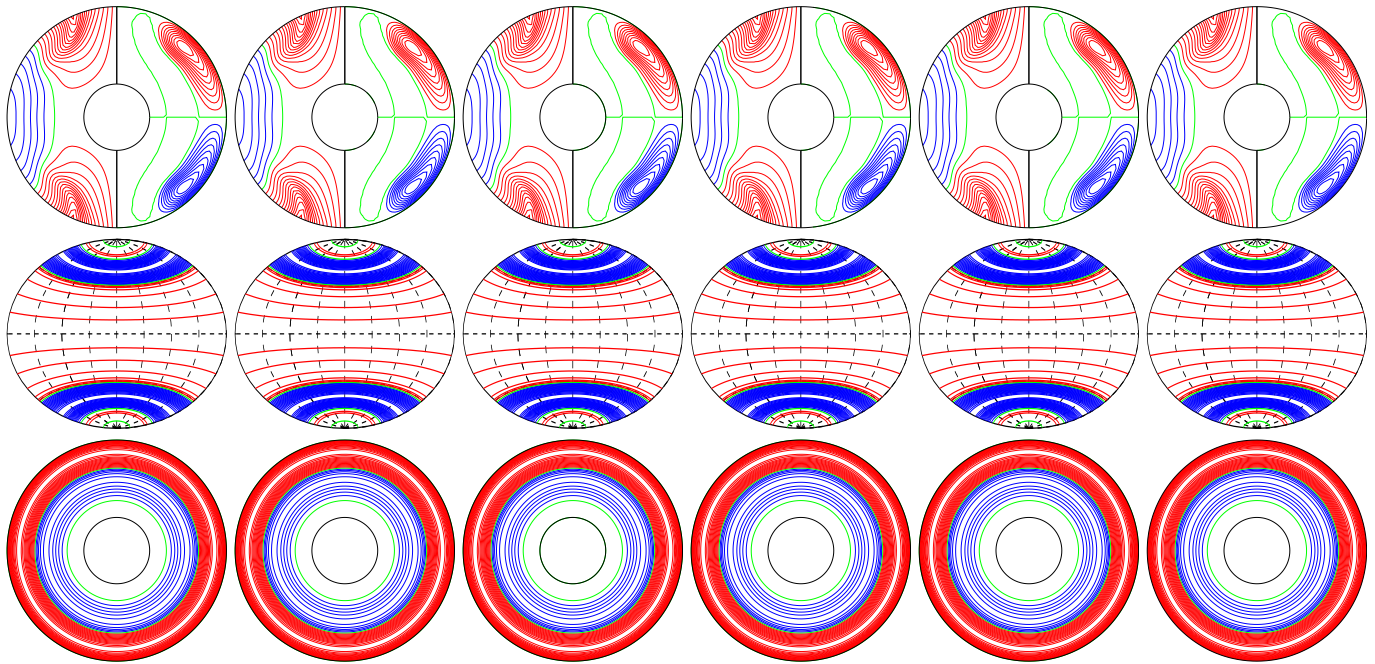
Nusselt Number



a.e03p1t03r-100000m1n2N3z1.25e5.20

times: 44.80001 46.08001 47.36001 48.64001 49.92001 51.20001

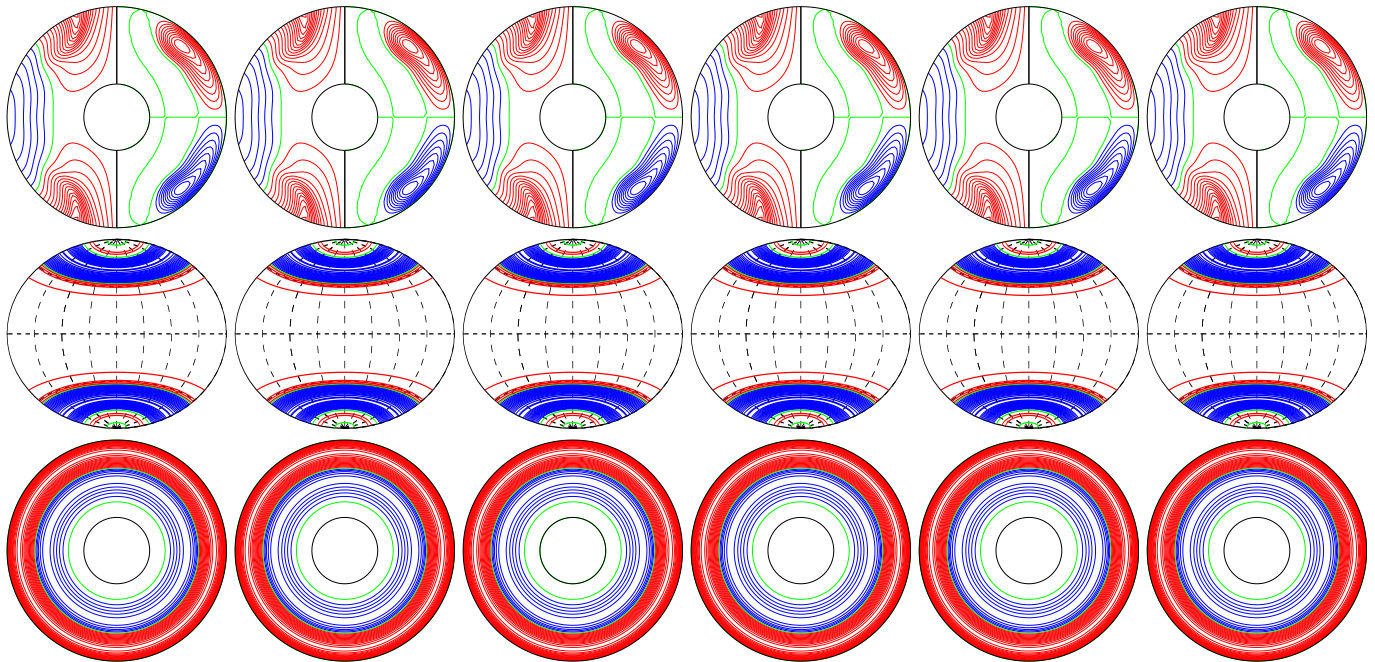
July 12, 2015



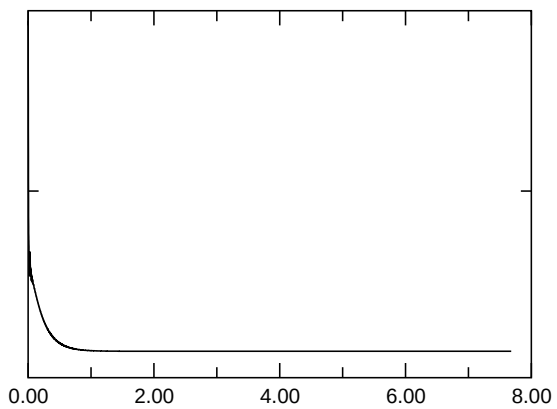
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

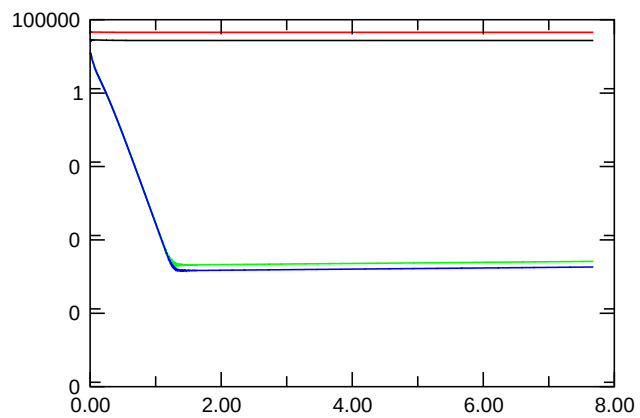
July 12, 2015



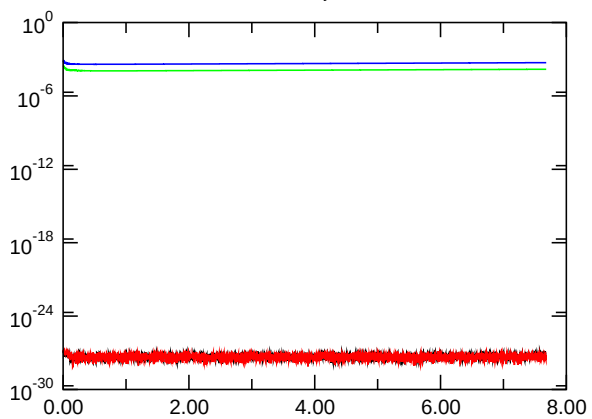
a.e03p1t03r-100000m1n2N3z1.3e5
 E_{kin}



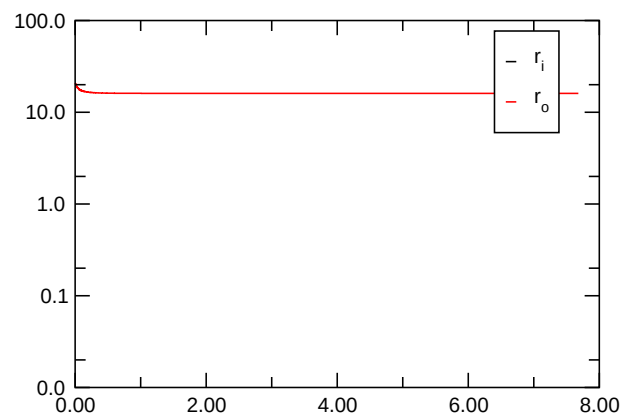
$E_{\text{kin,symm.}}$



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

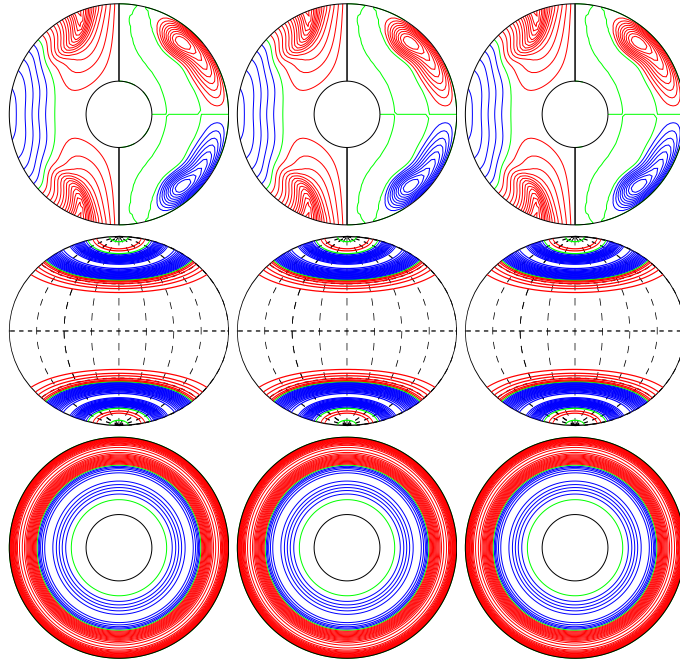


Nusselt Number

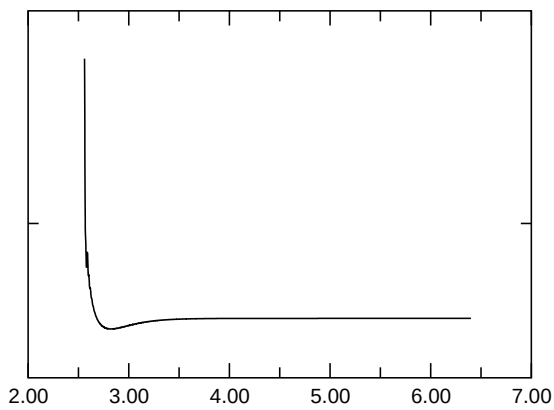


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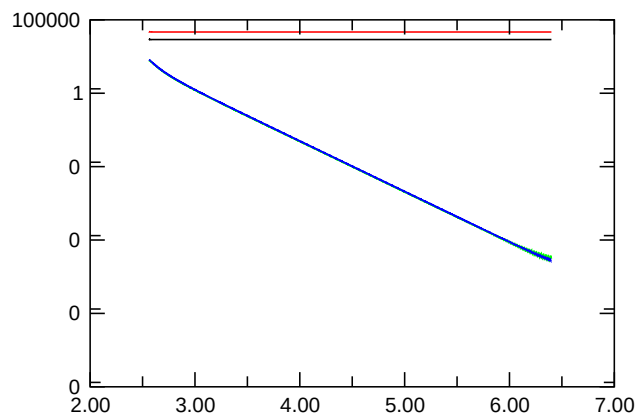
July 12, 2015



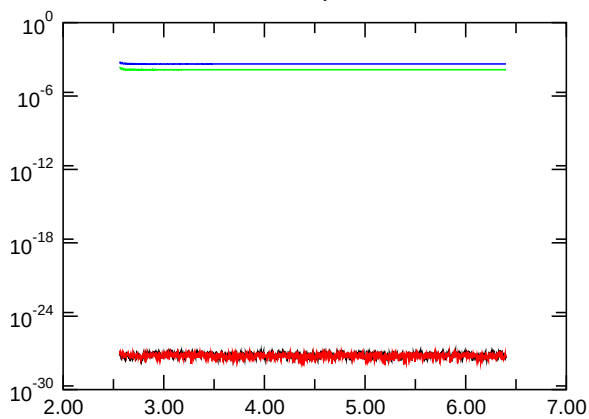
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 E_{kin}



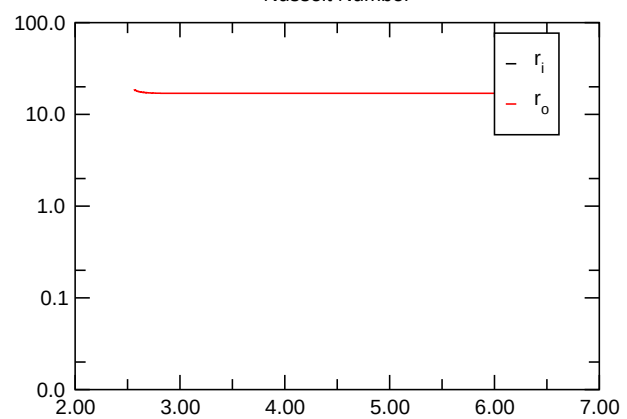
$E_{\text{kin,symm.}}$



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

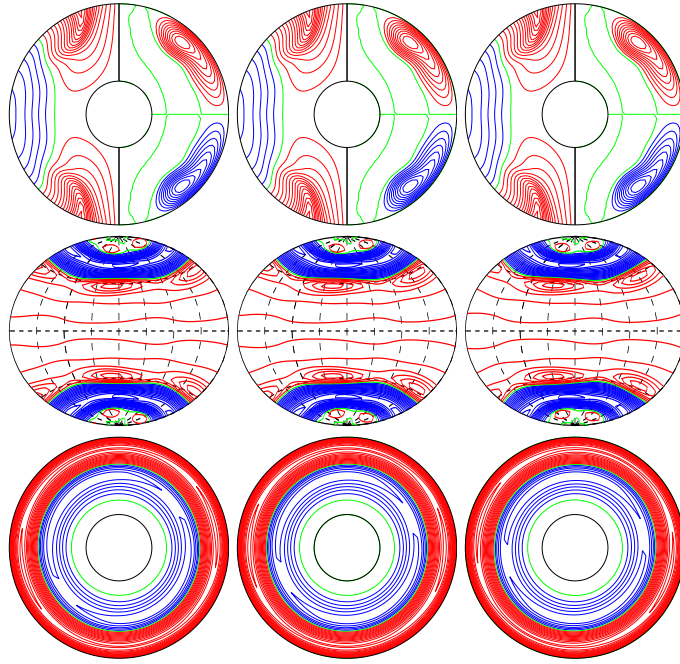


Nusselt Number

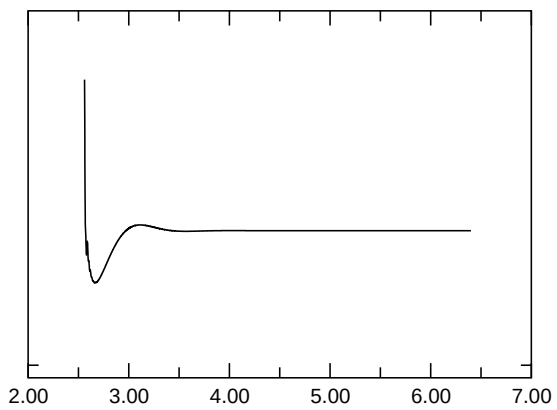


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times: 3.840003 5.120004 6.400005

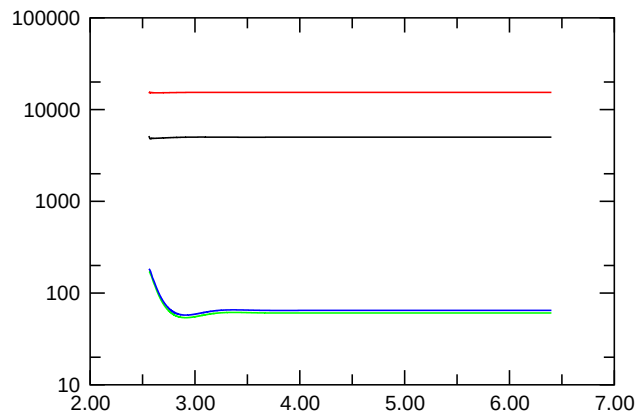
July 12, 2015



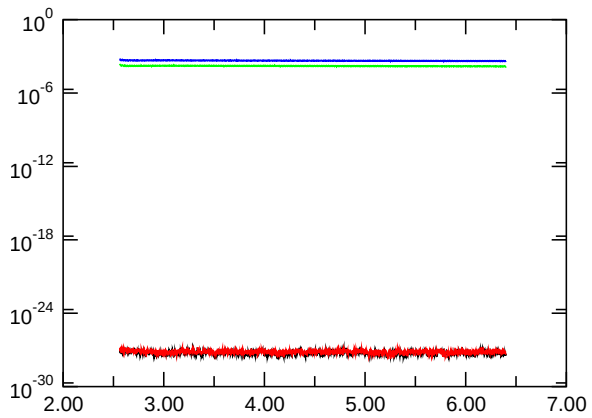
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 E_{kin}



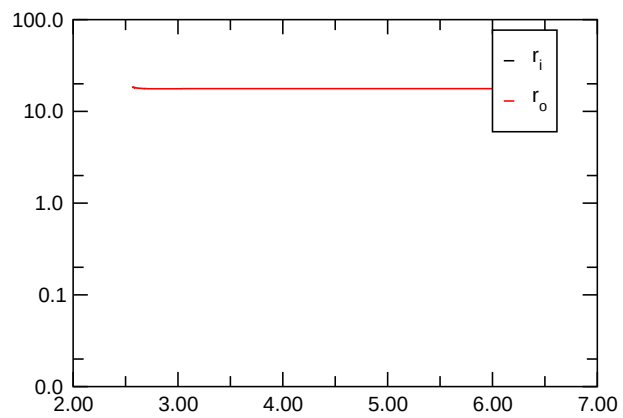
$E_{\text{kin,symm.}}$



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



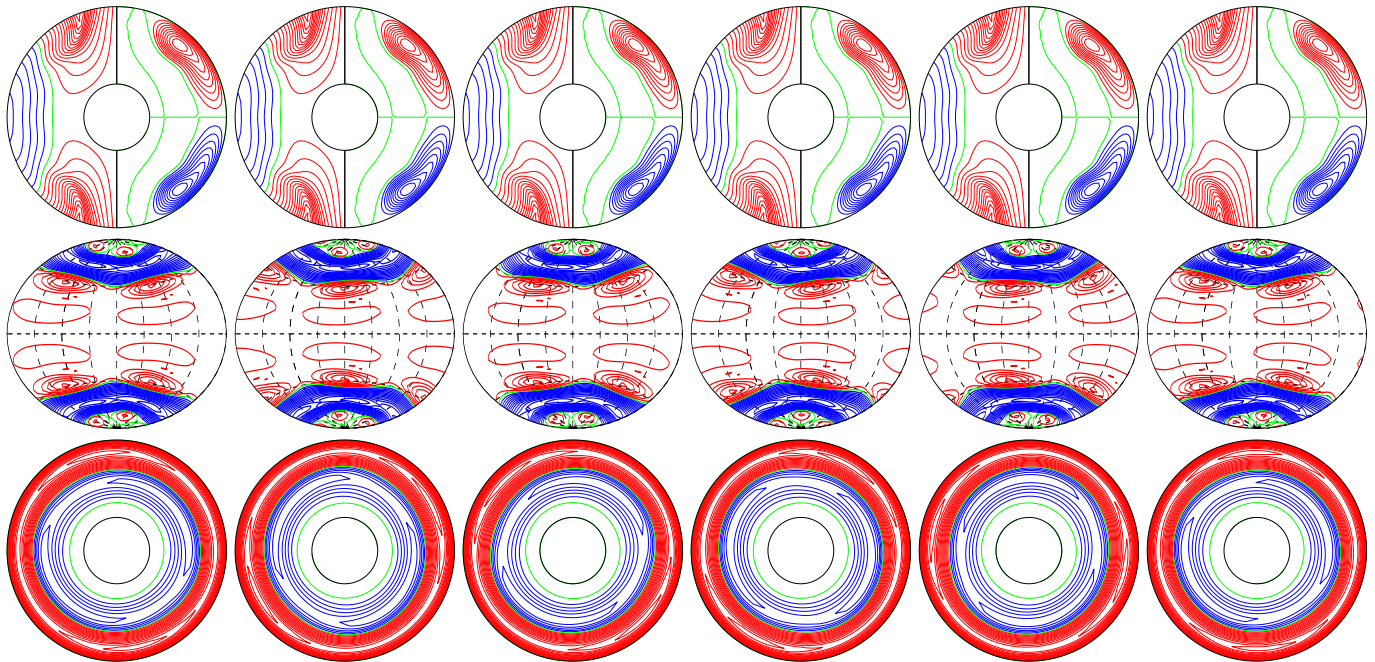
Nusselt Number



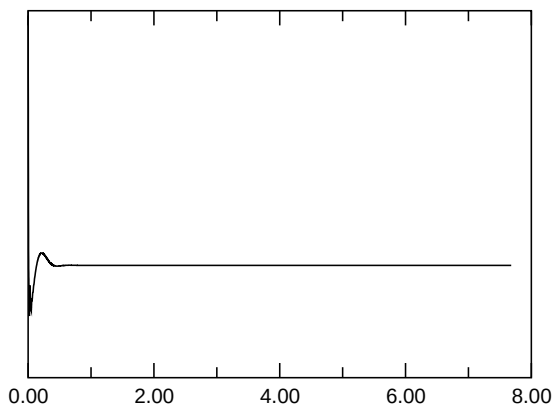
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

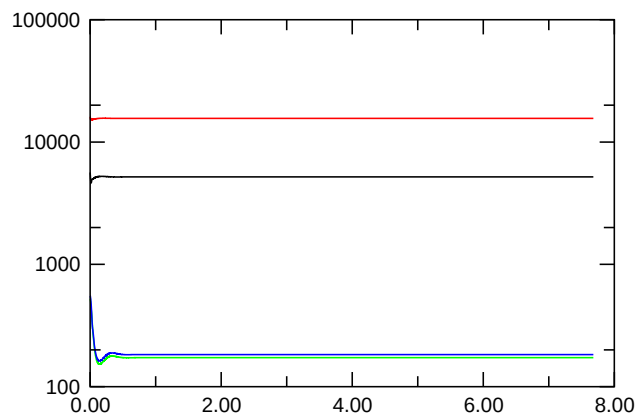
July 12, 2015



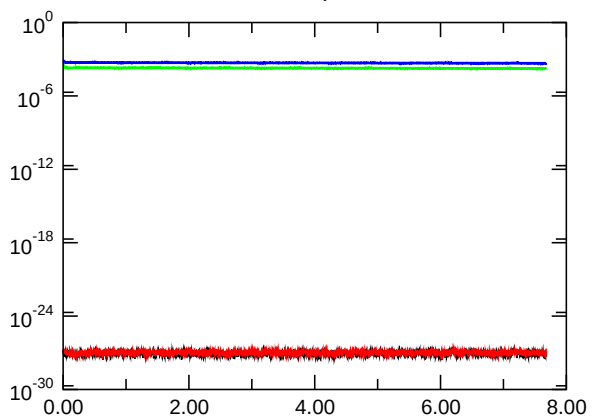
a.e03p1t03r-100000m1n2N3z1.4e5
 E_{kin}



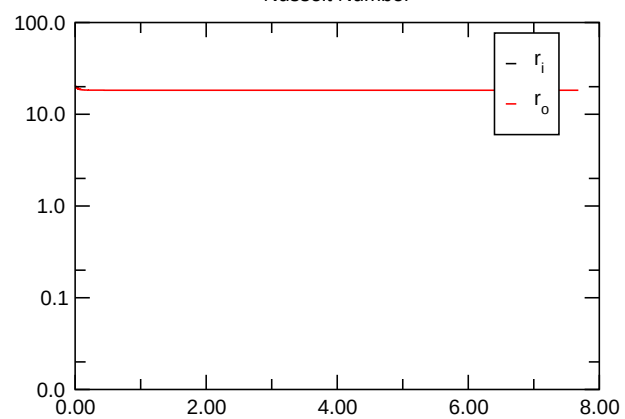
$E_{\text{kin,symm.}}$



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



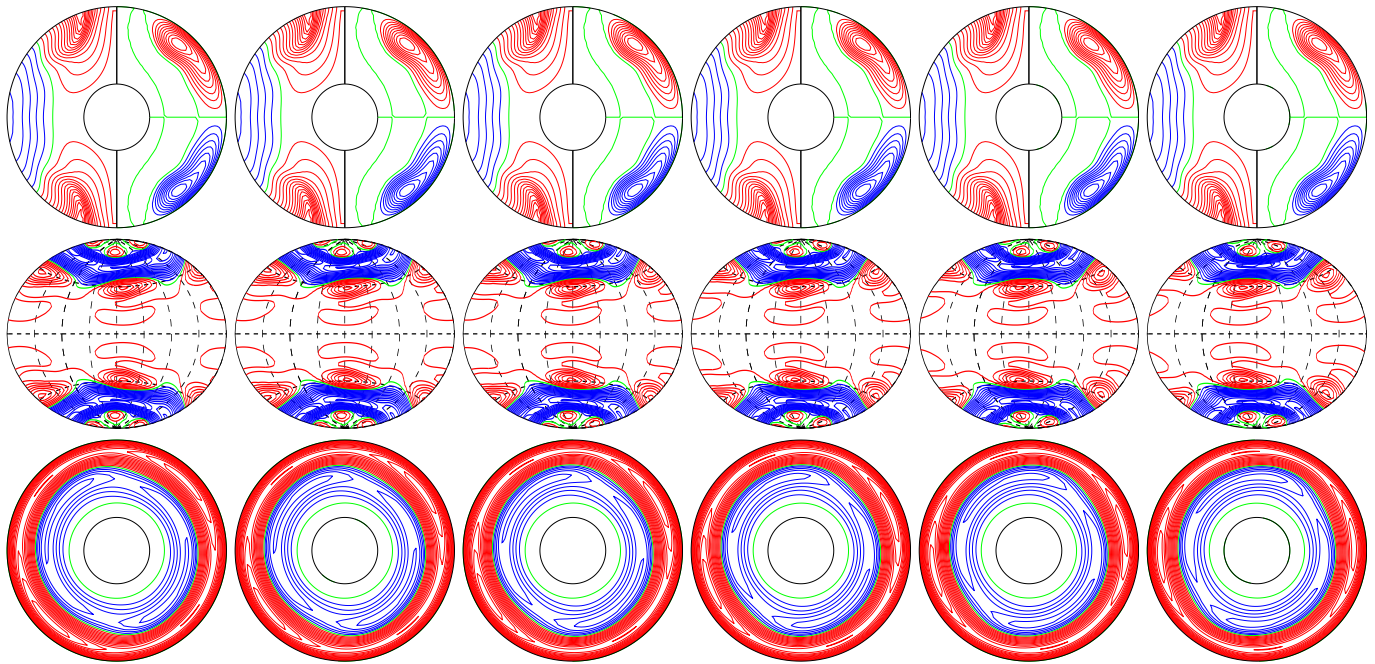
Nusselt Number



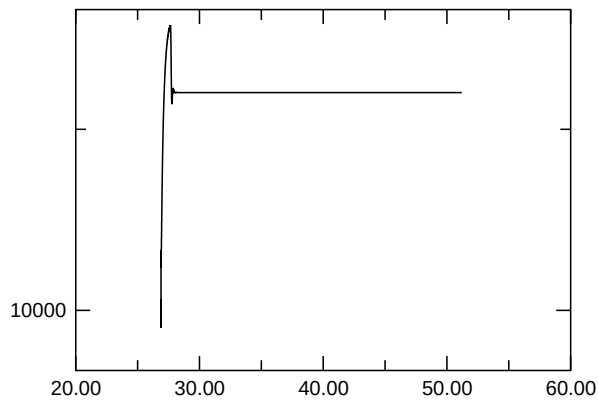
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times: 44.80001 46.08001 47.36001 48.64001 49.92001 51.20001

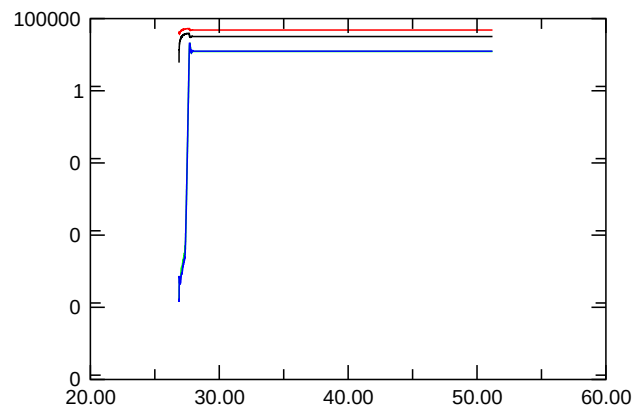
July 12, 2015



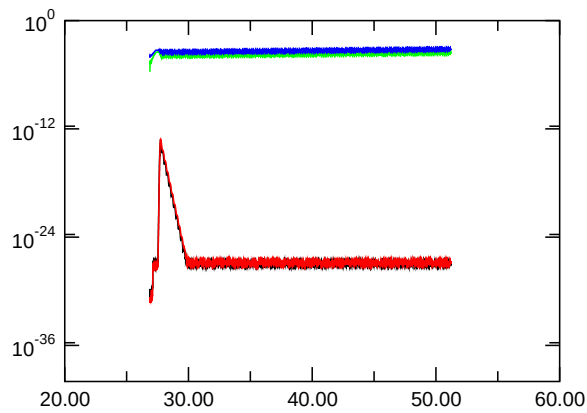
a.e03p1t03r-100000m1n2N3z1.5e5
 E_{kin}



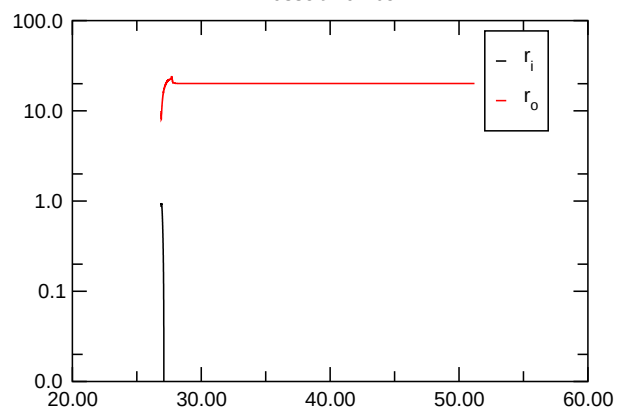
$E_{\text{kin, symm.}}$



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



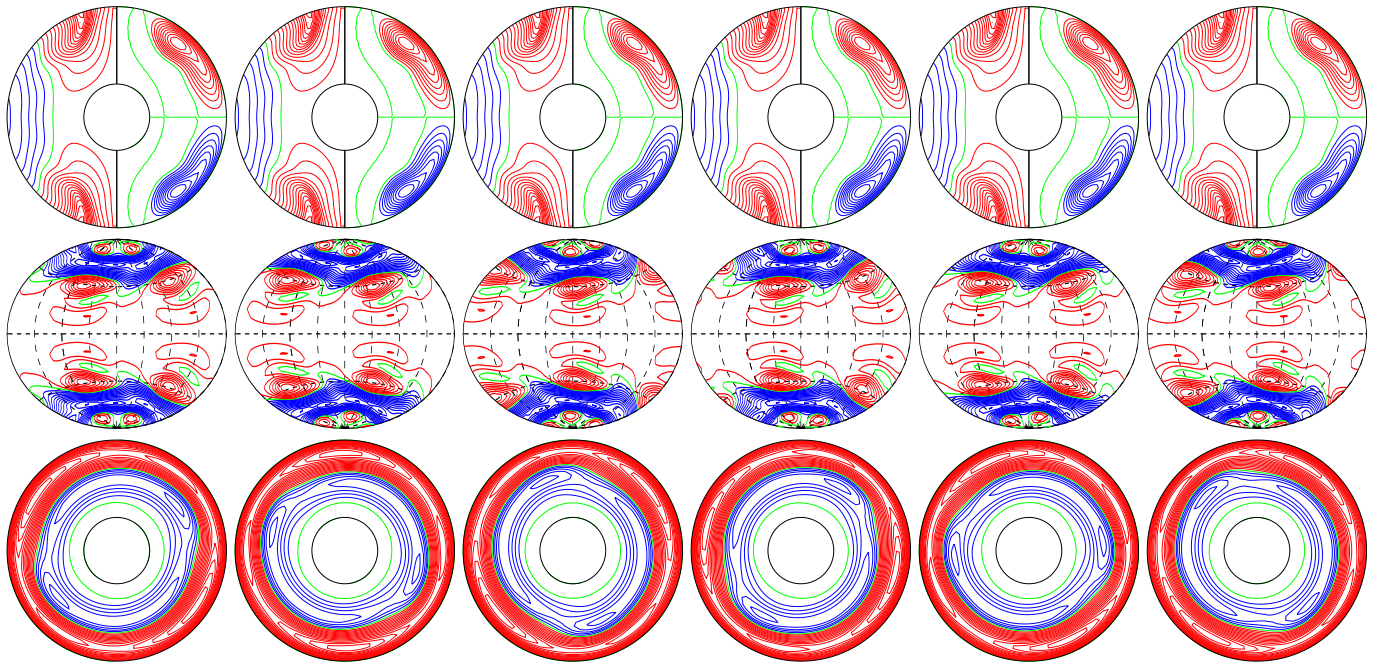
Nusselt Number



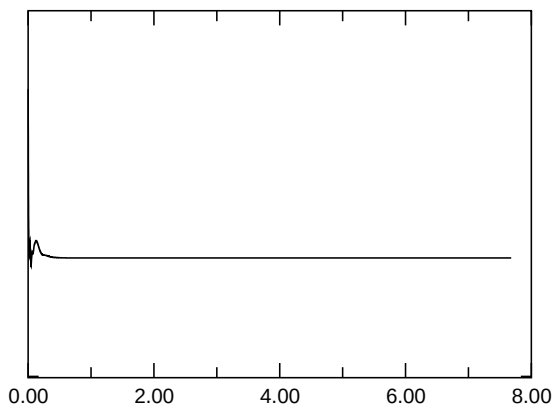
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

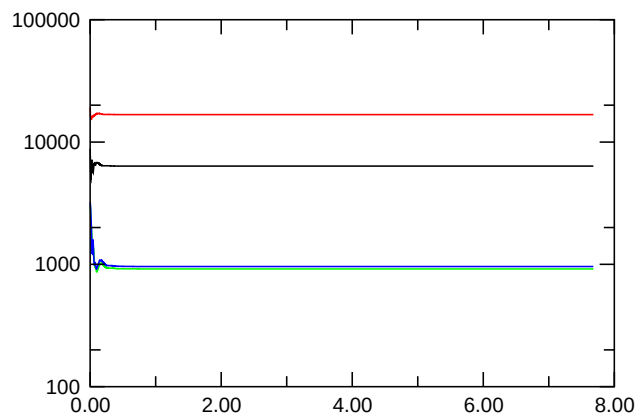
July 12, 2015



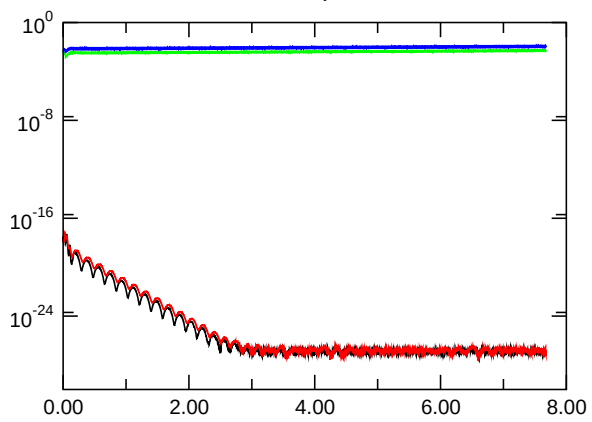
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 E_{kin}



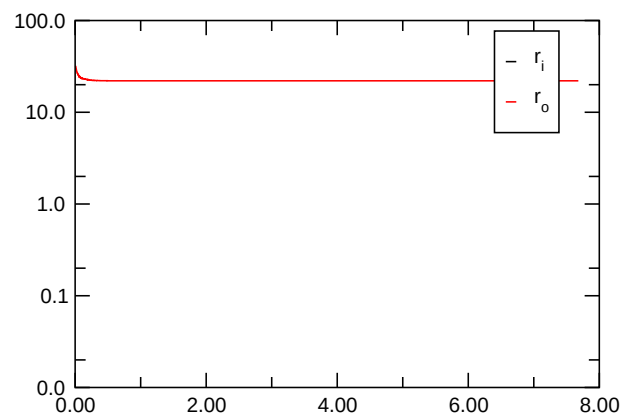
$E_{\text{kin,symm.}}$



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

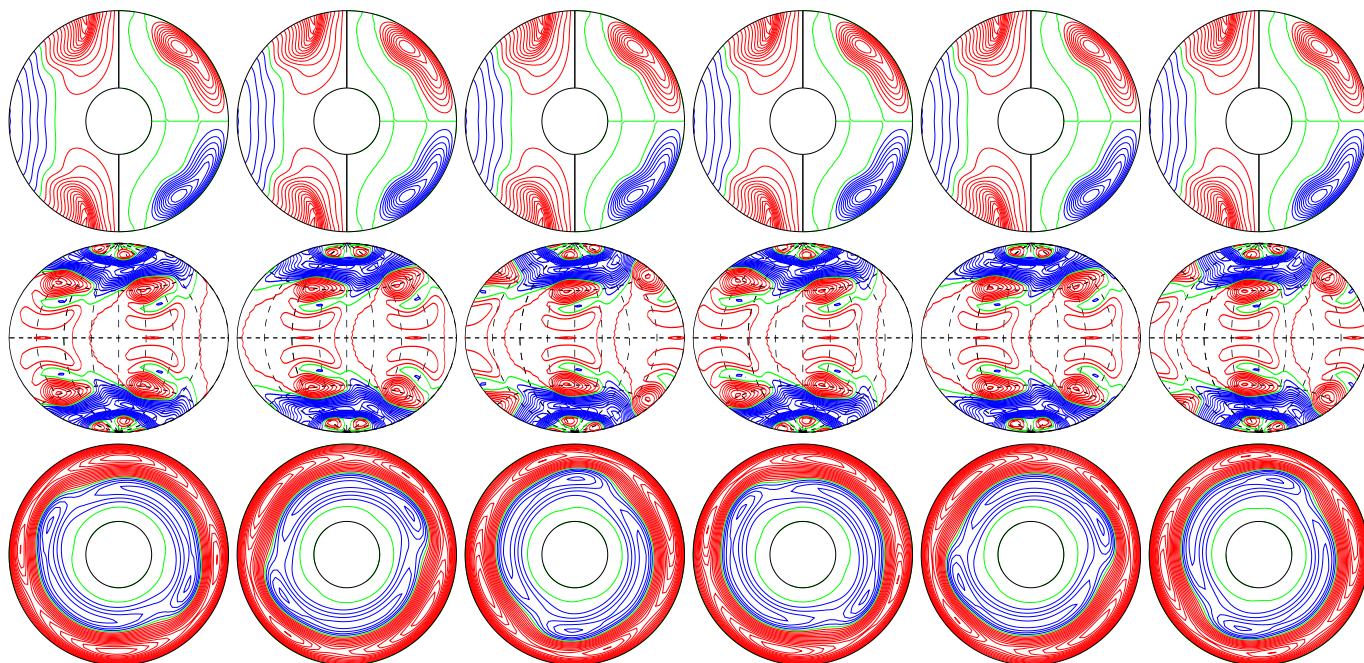


Nusselt Number

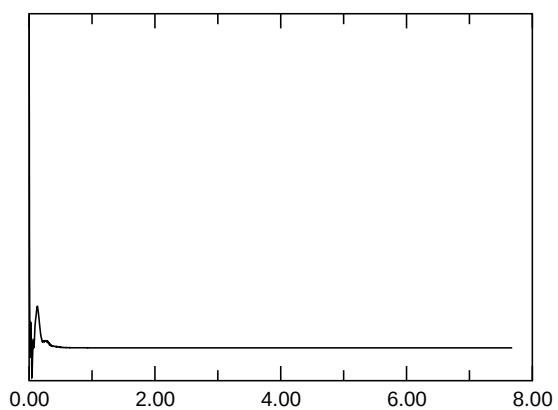


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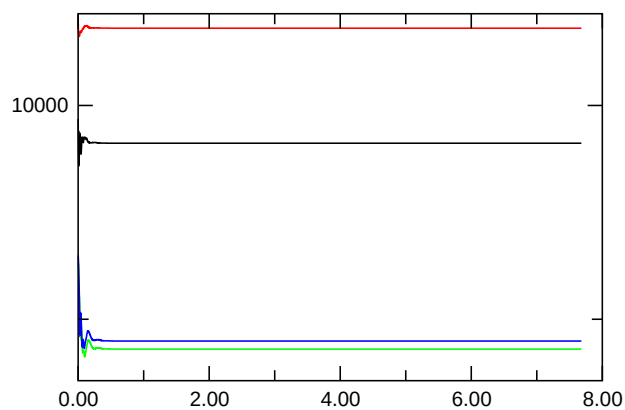
July 12, 2015



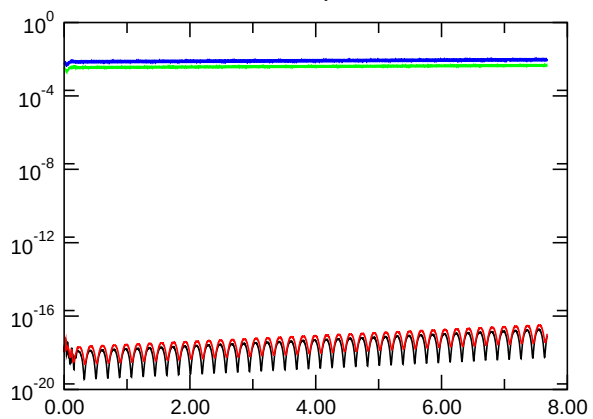
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 E_{kin}



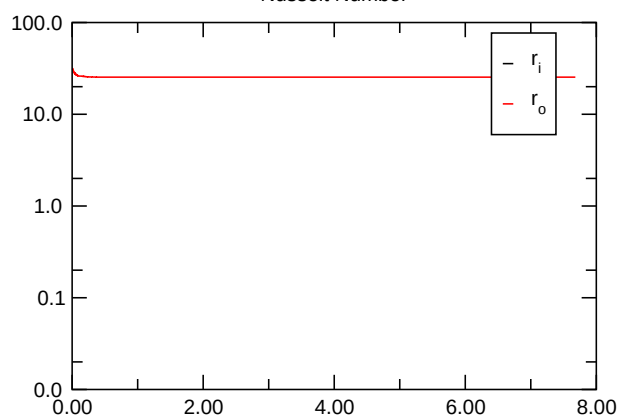
$E_{\text{kin,symm.}}$



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



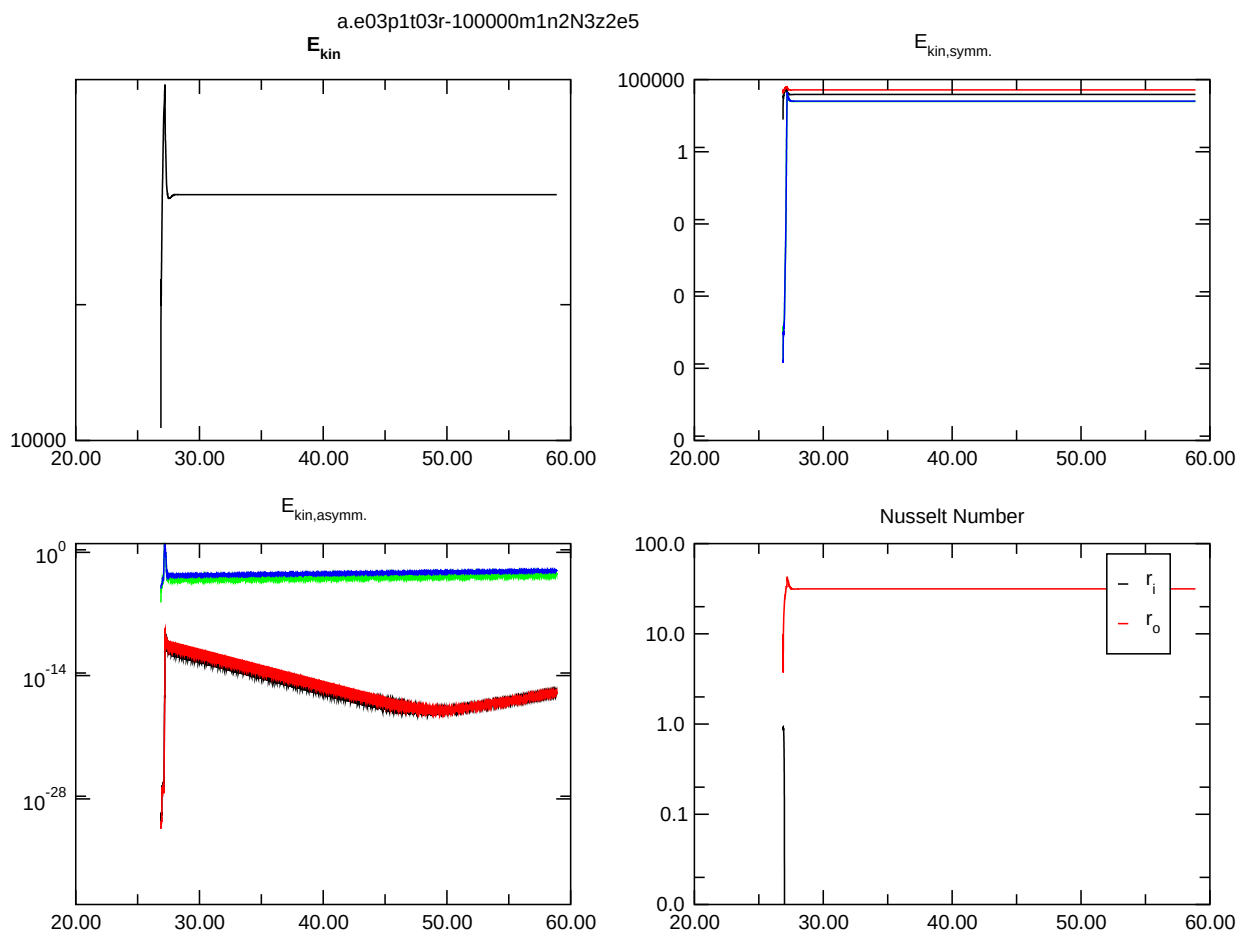
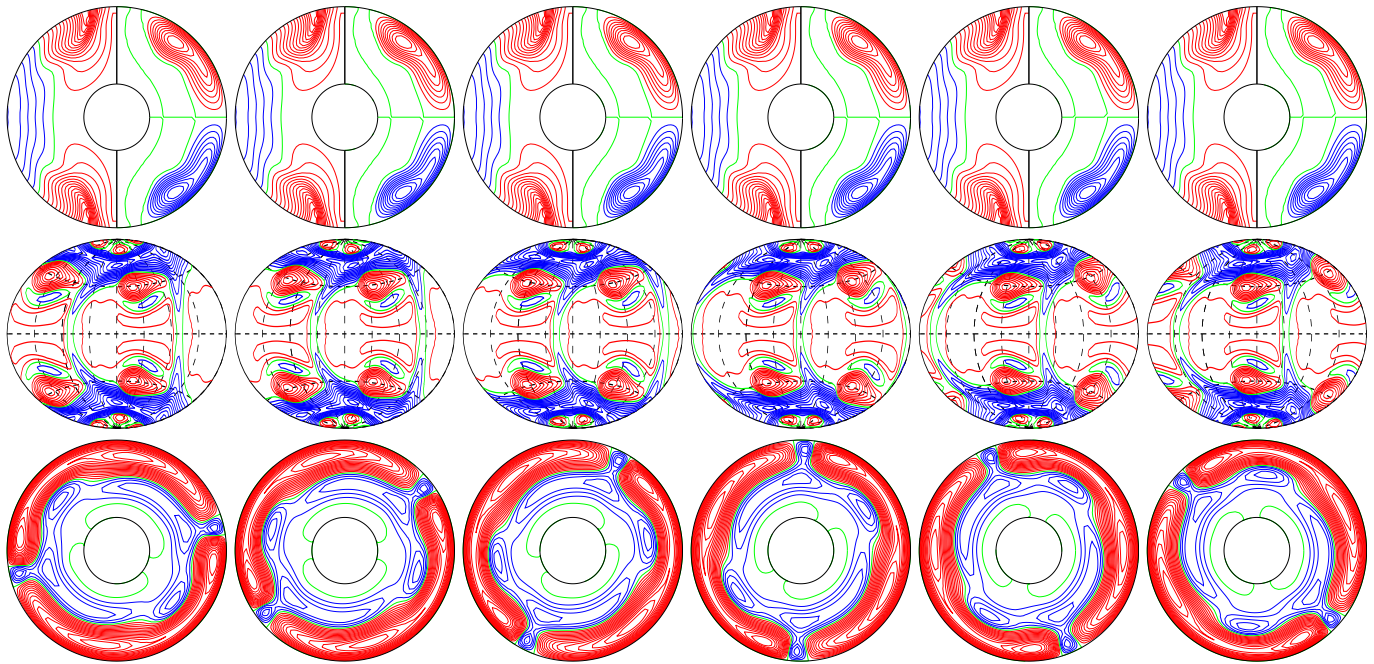
Nusselt Number



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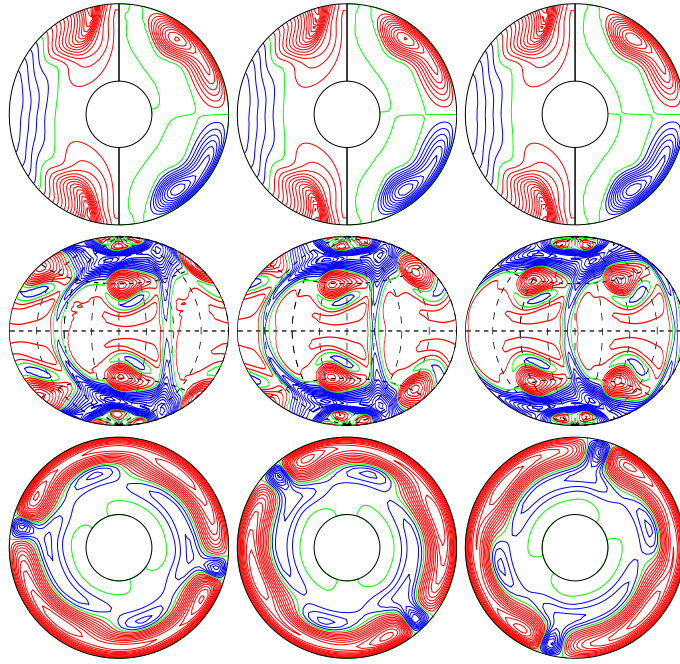
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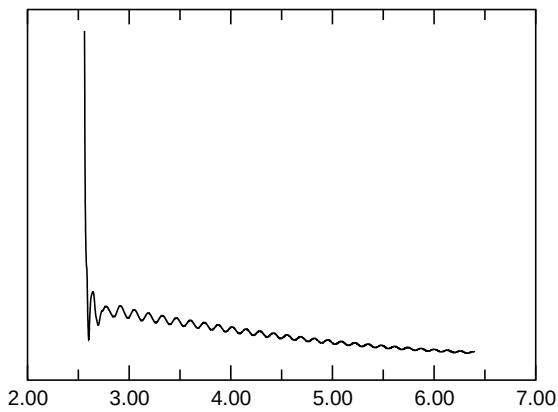


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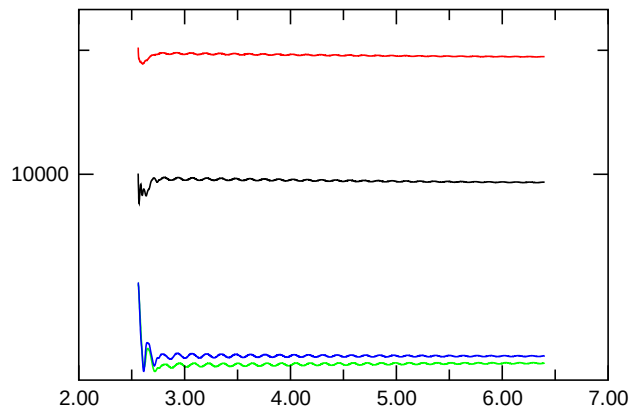
July 12, 2015



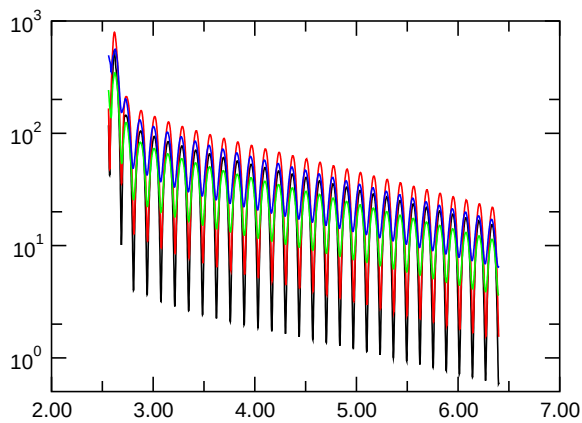
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 E_{kin}



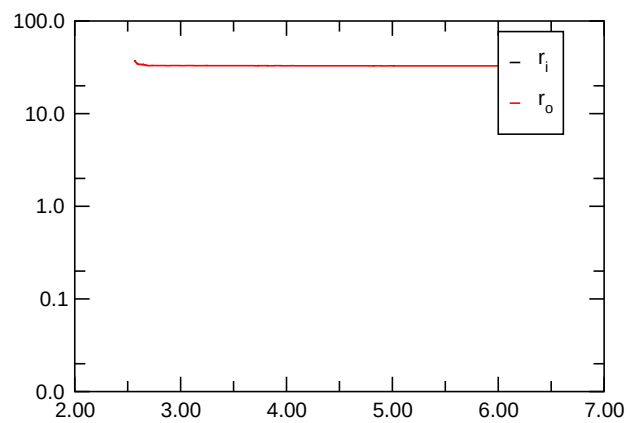
$E_{\text{kin, symm.}}$



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

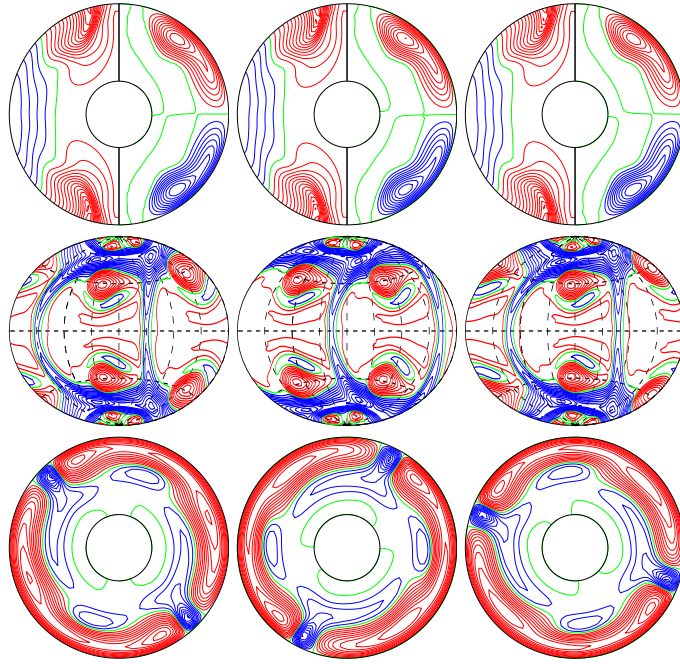


Nusselt Number

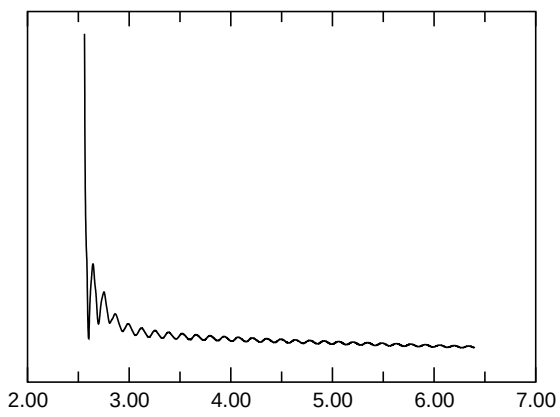


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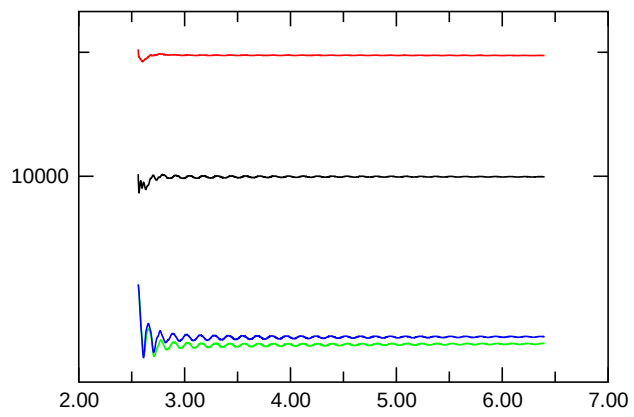
July 12, 2015



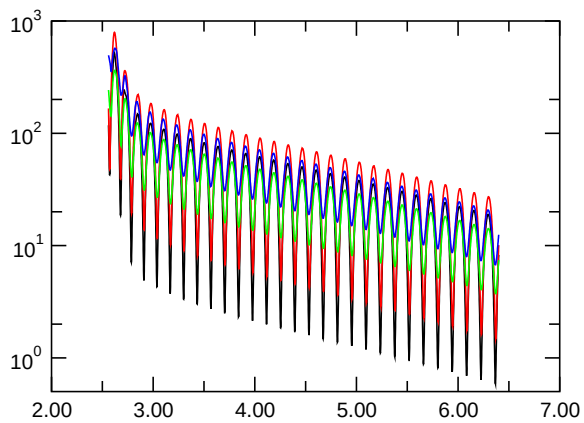
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 E_{kin}



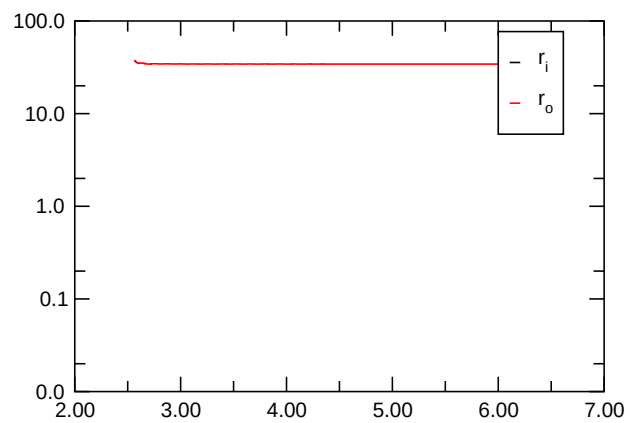
$E_{\text{kin, symm.}}$



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

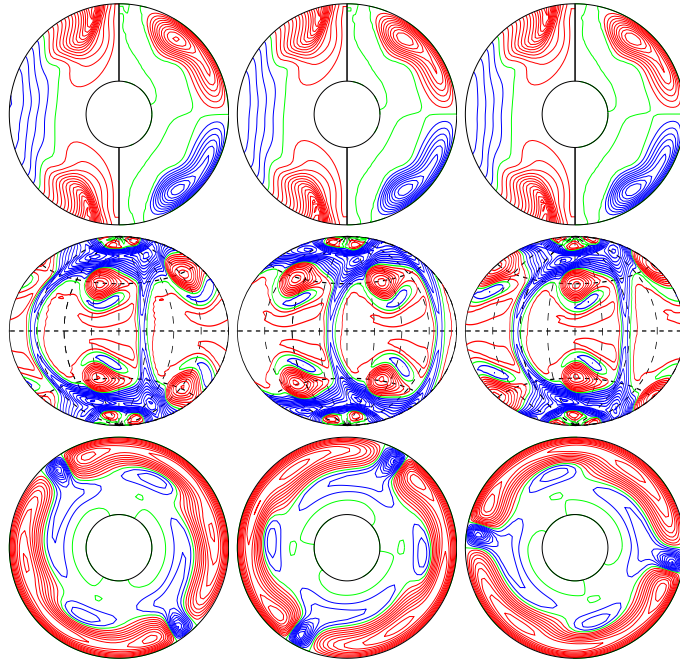


Nusselt Number

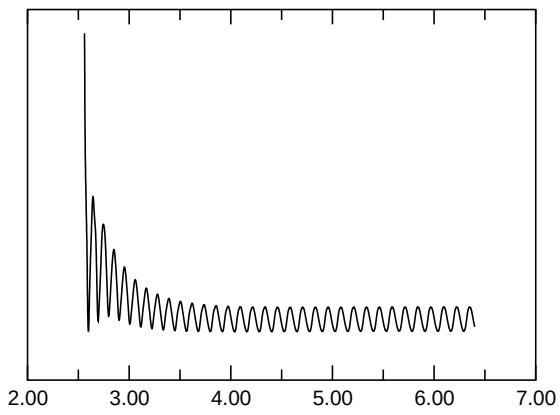


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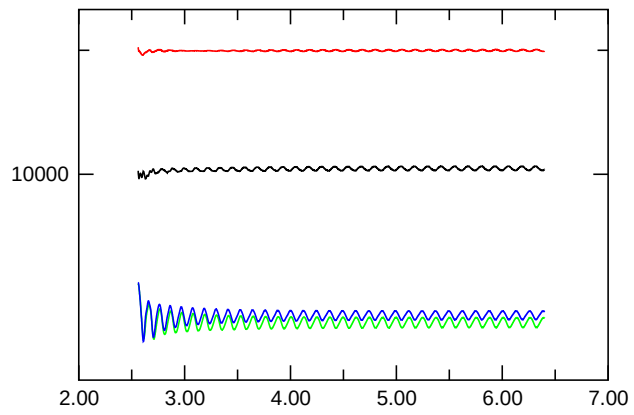
July 12, 2015



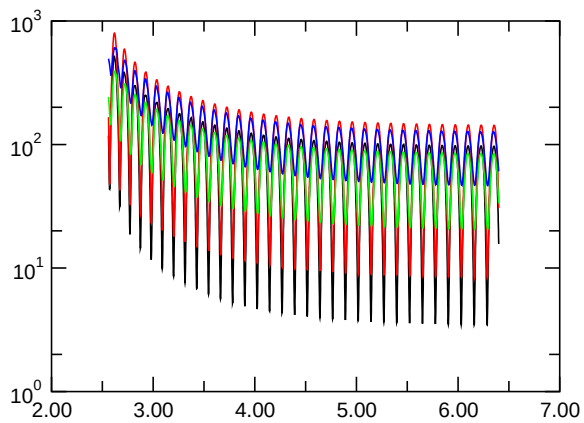
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 E_{kin}



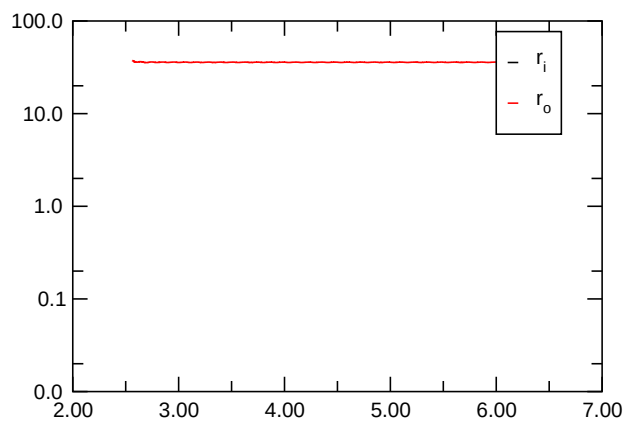
$E_{\text{kin, symm.}}$



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



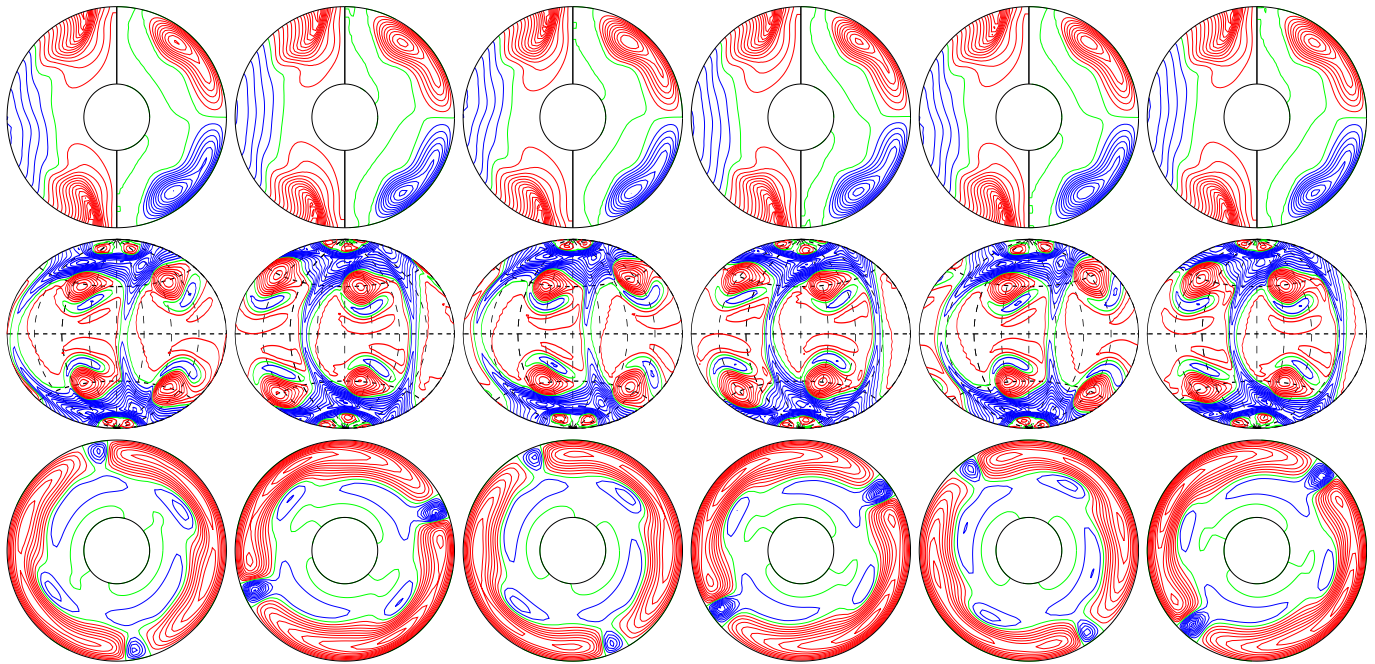
Nusselt Number



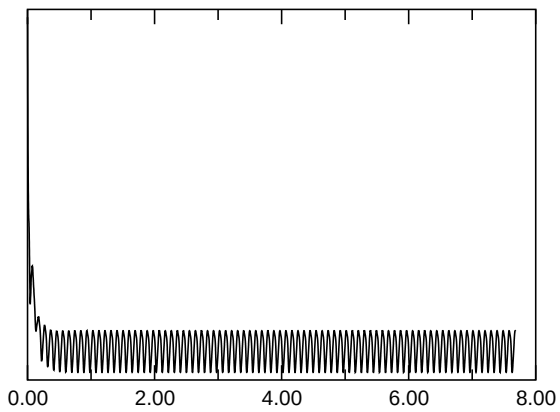
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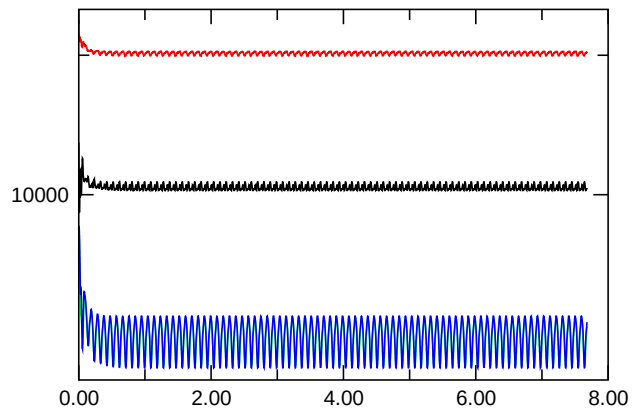
July 12, 2015



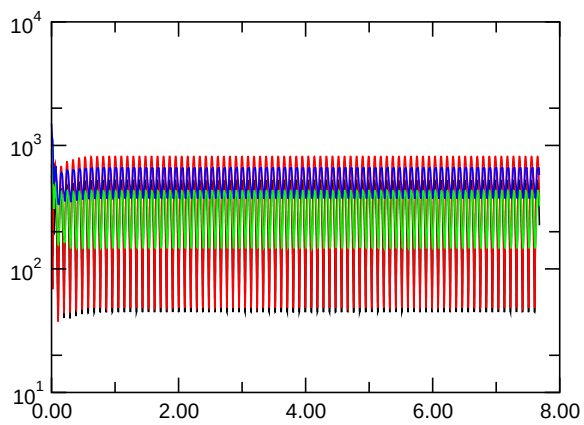
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 E_{kin}



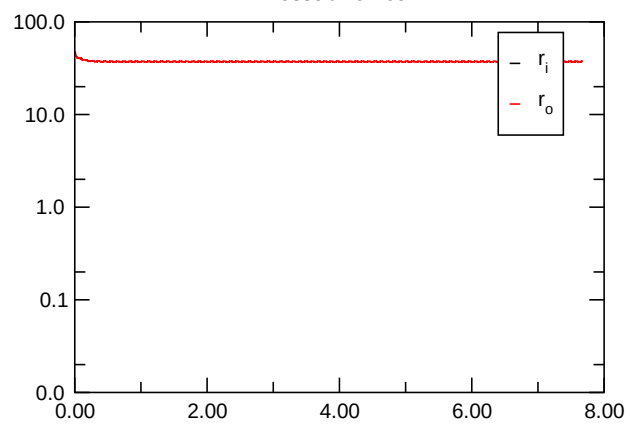
$E_{\text{kin, symm.}}$



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



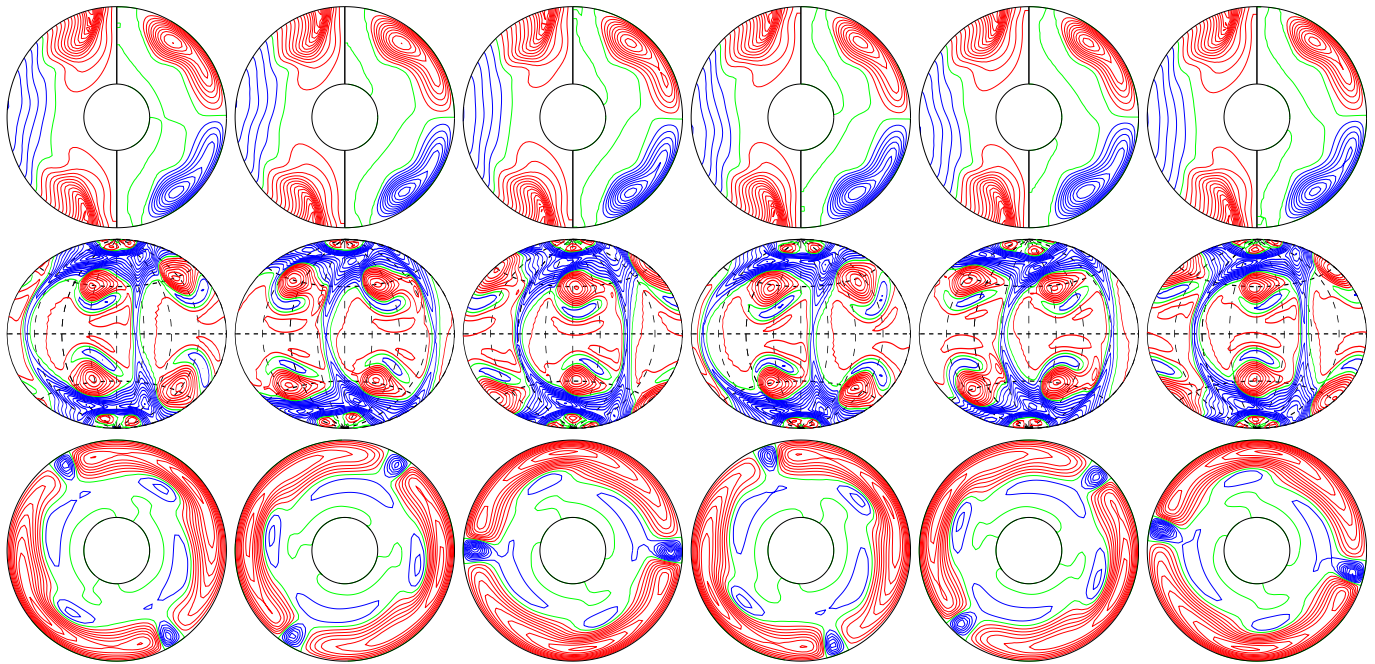
Nusselt Number



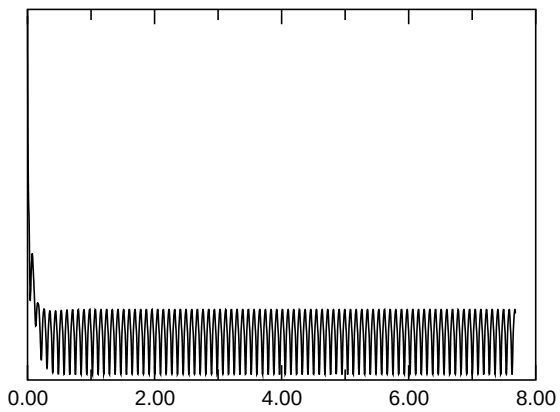
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

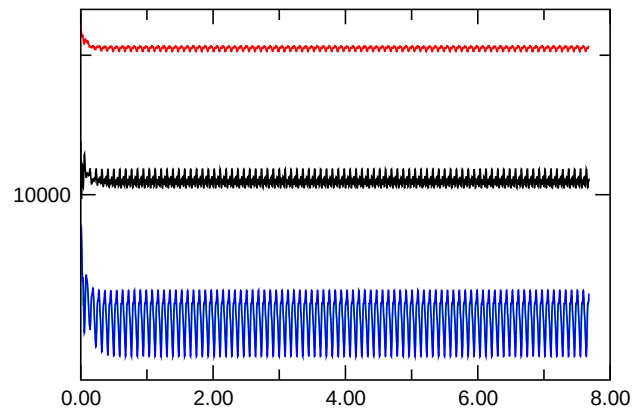
July 12, 2015



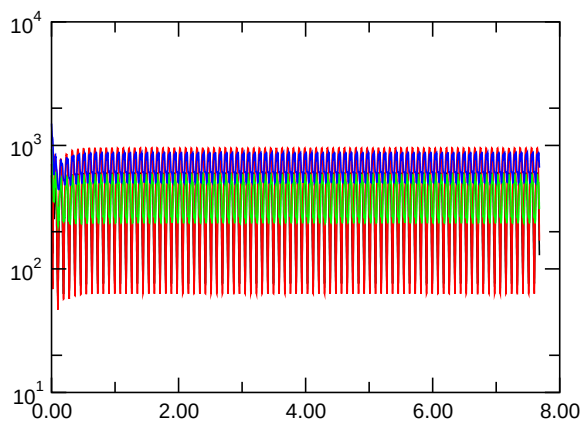
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 E_{kin}



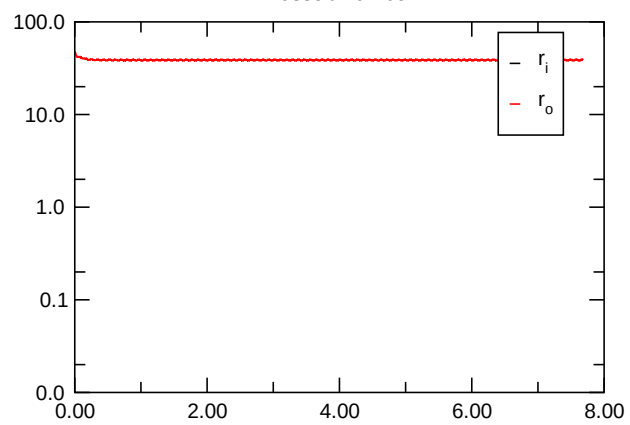
$E_{\text{kin, symm.}}$



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



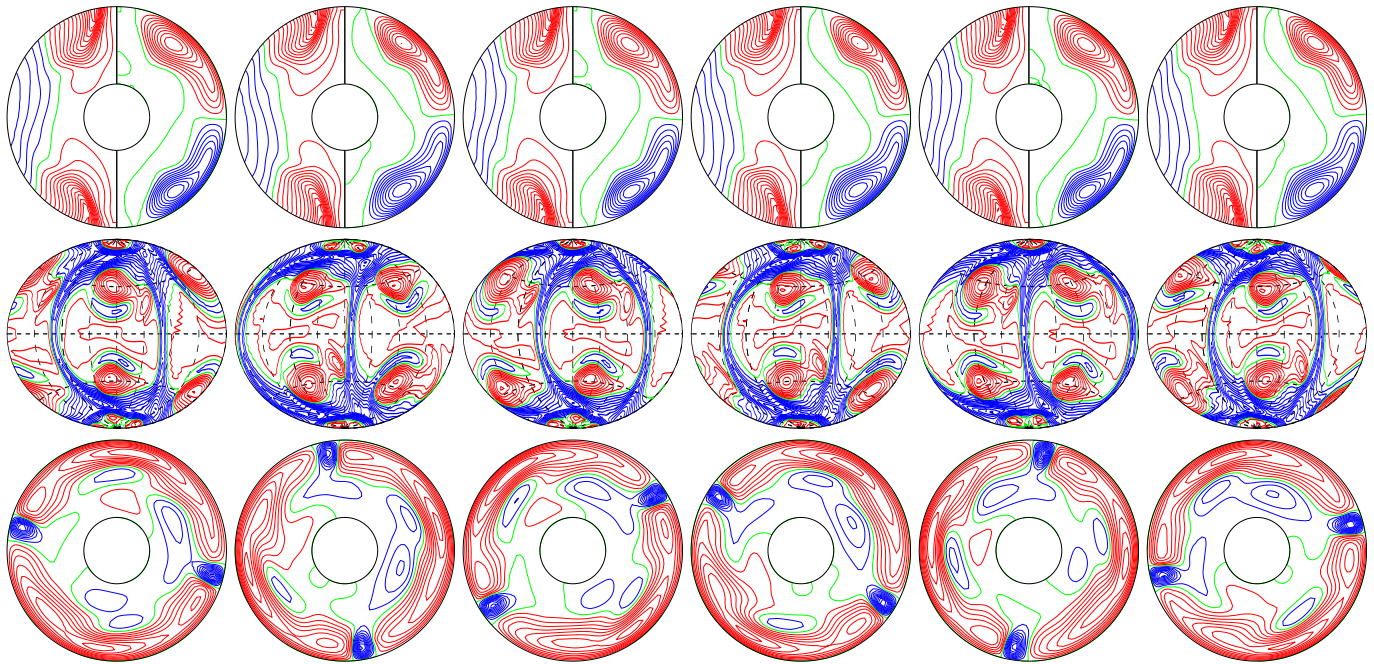
Nusselt Number



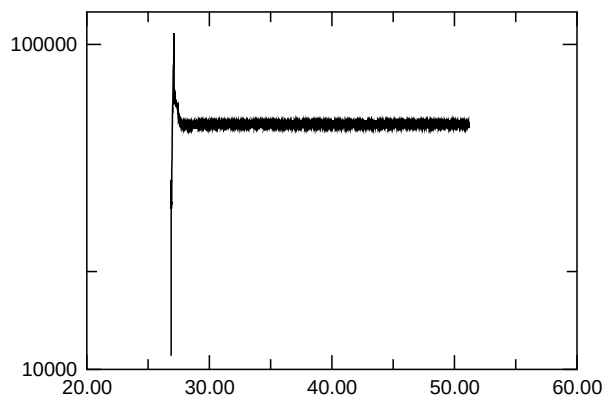
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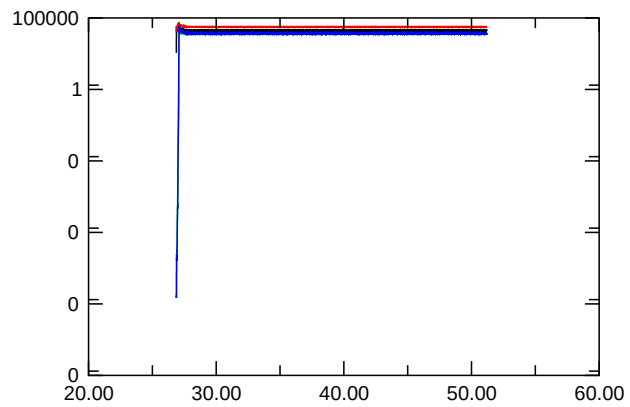
July 12, 2015



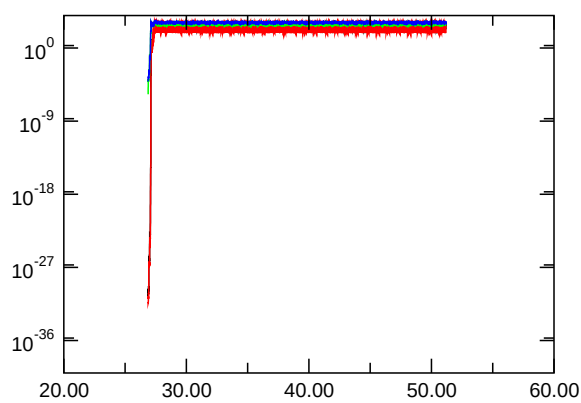
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 E_{kin}



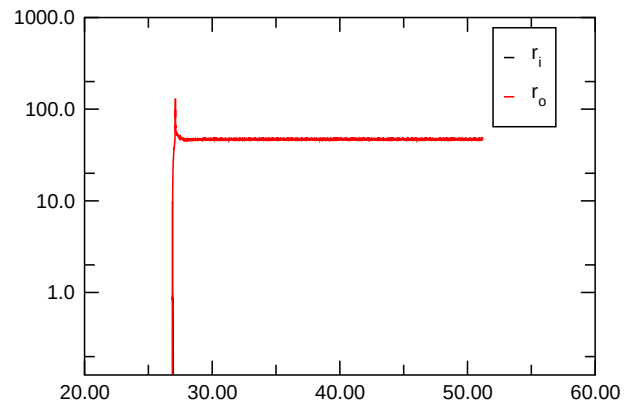
$E_{\text{kin,symm.}}$



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

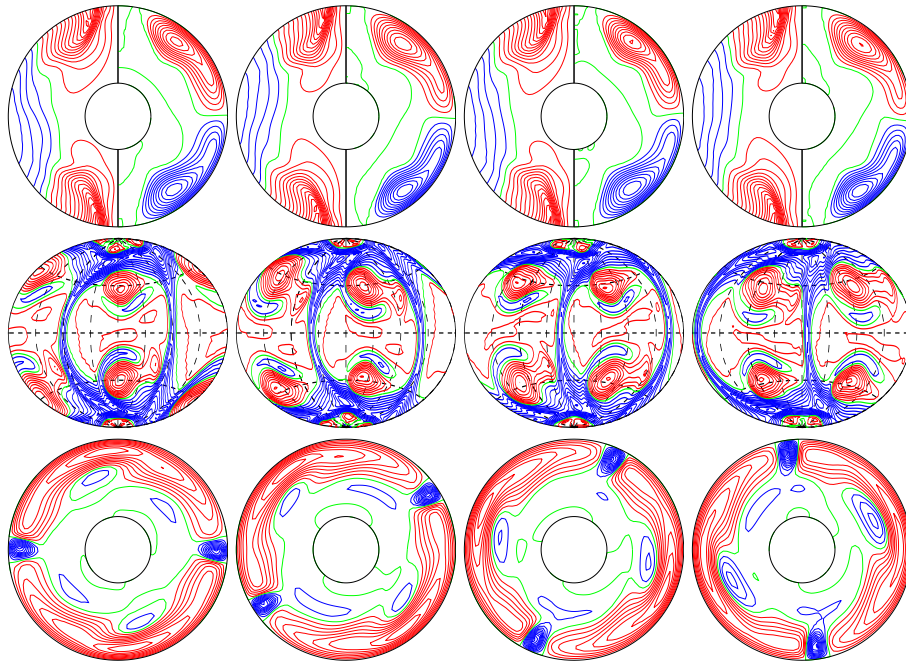


Nusselt Number

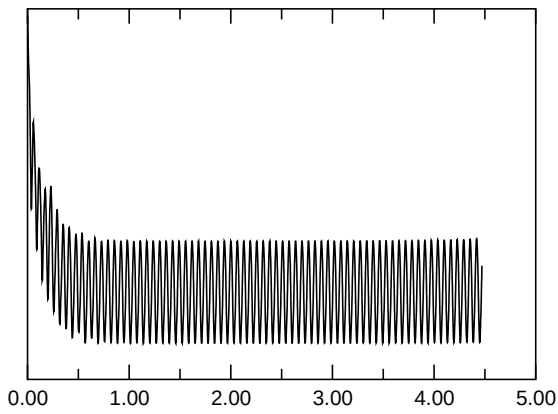


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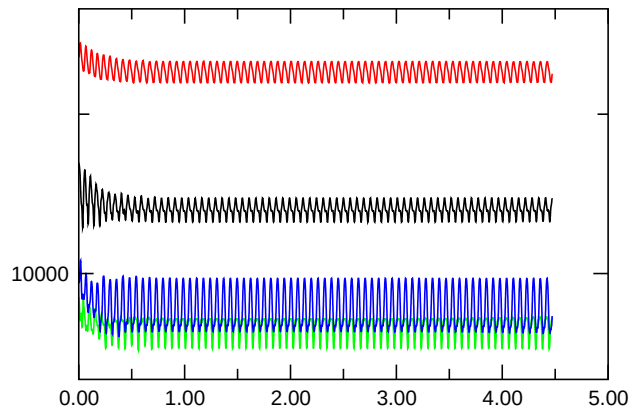
July 12, 2015



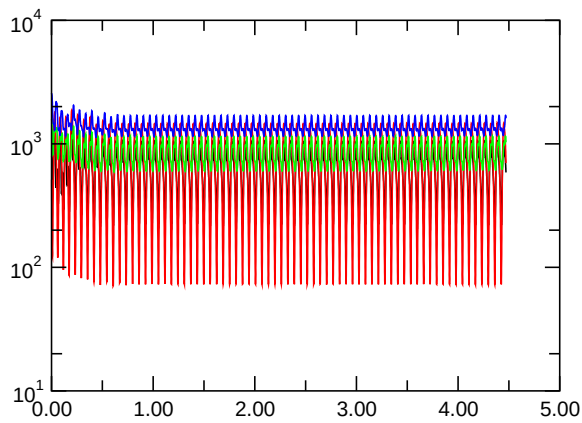
a.e03p1t03r-100000m1n2N3z2.52e5
 E_{kin}



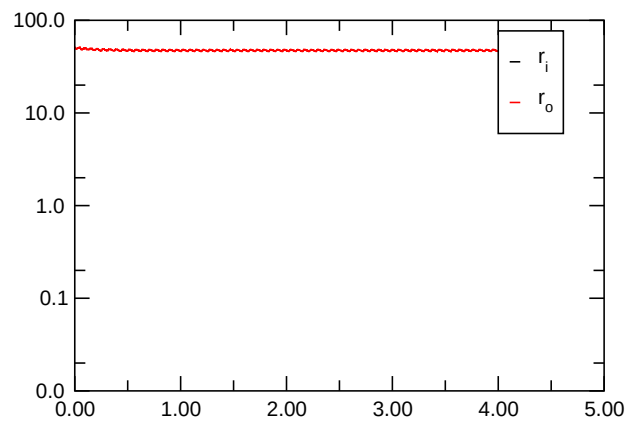
$E_{\text{kin,symm.}}$



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



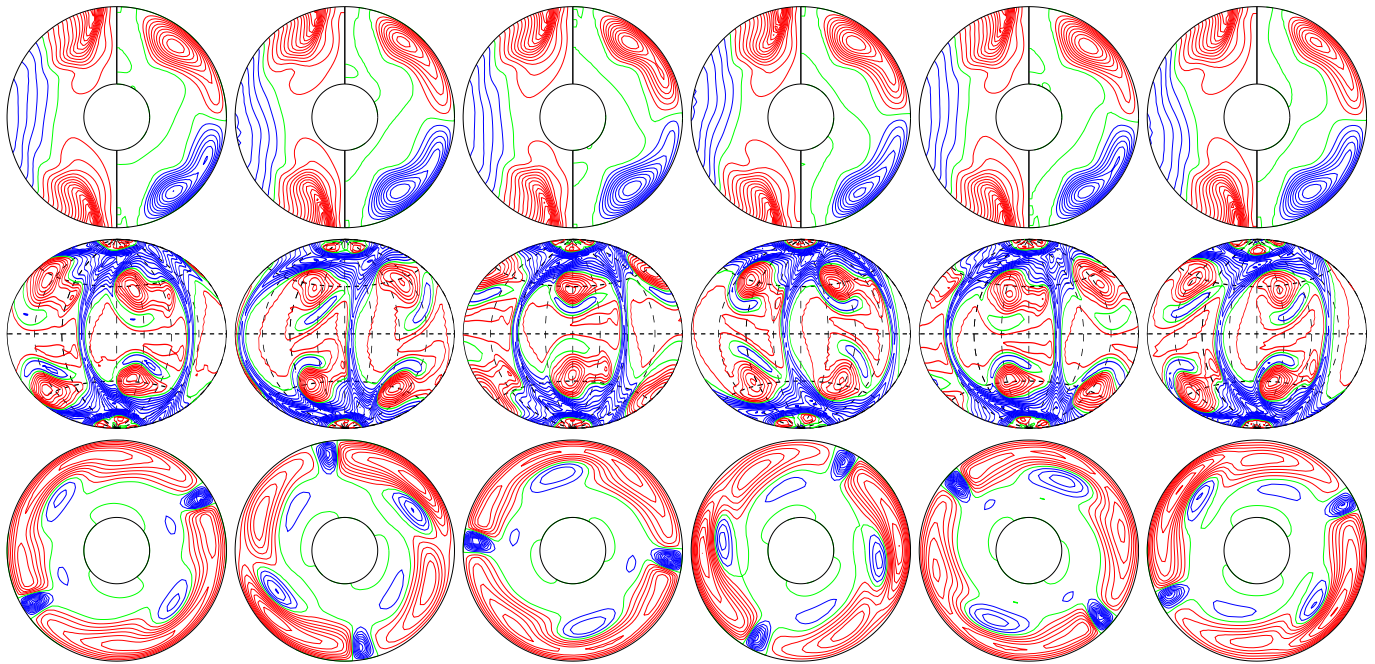
Nusselt Number



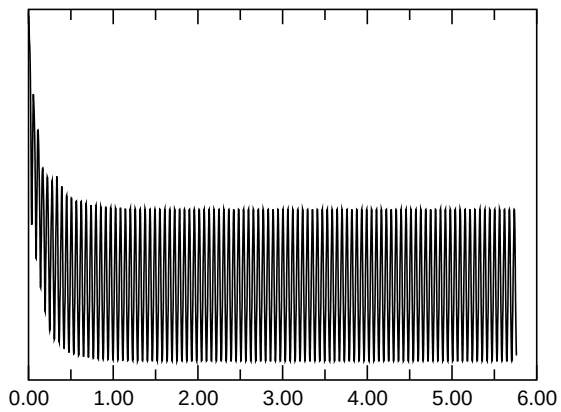
a.e03p1t03r-100000m1n2N3z2.55e5.7

times: 0.9601006 1.920101 2.880102 3.840103 4.800104 5.760105

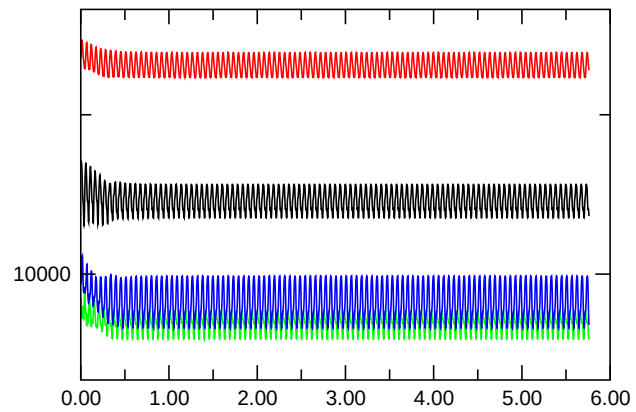
July 12, 2015



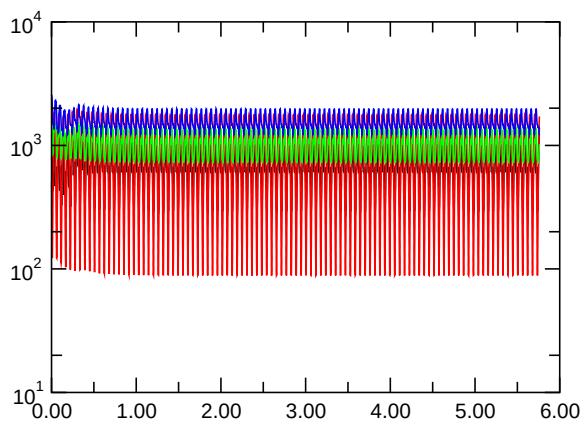
a.e03p1t03r-100000m1n2N3z2.55e5
 E_{kin}



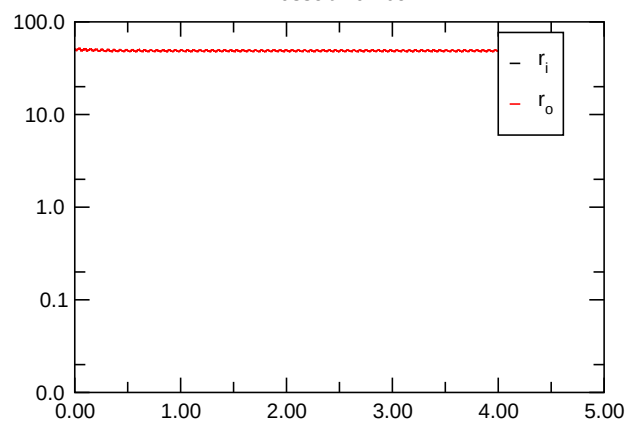
$E_{\text{kin, symm.}}$

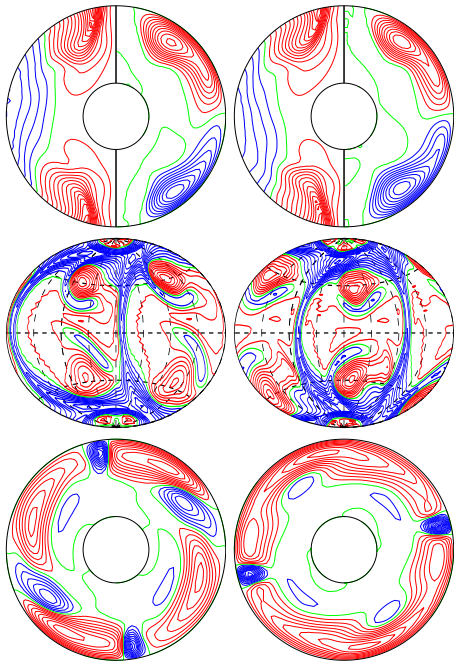


$E_{\text{kin, asymm.}}$

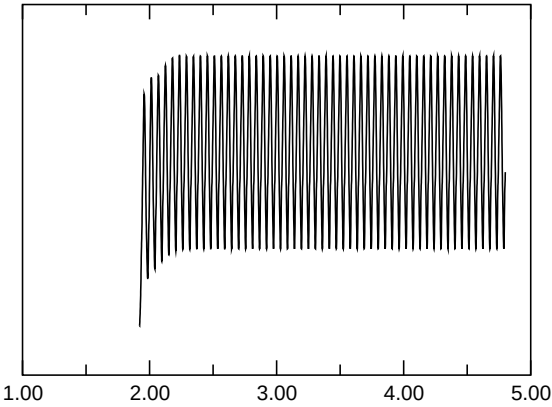


Nusselt Number

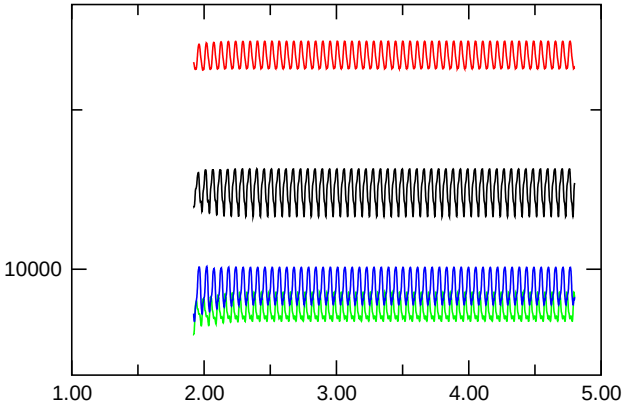




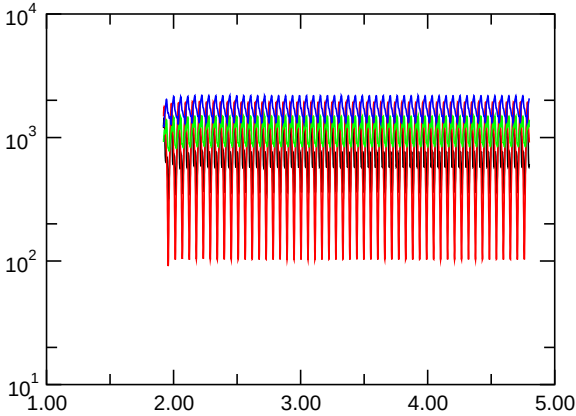
a.e03p1t03r-100000m1n2N3z2.58e5
 E_{kin}



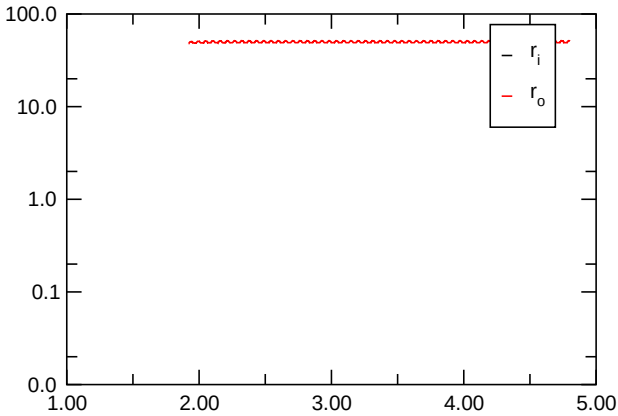
$E_{\text{kin,symm.}}$



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

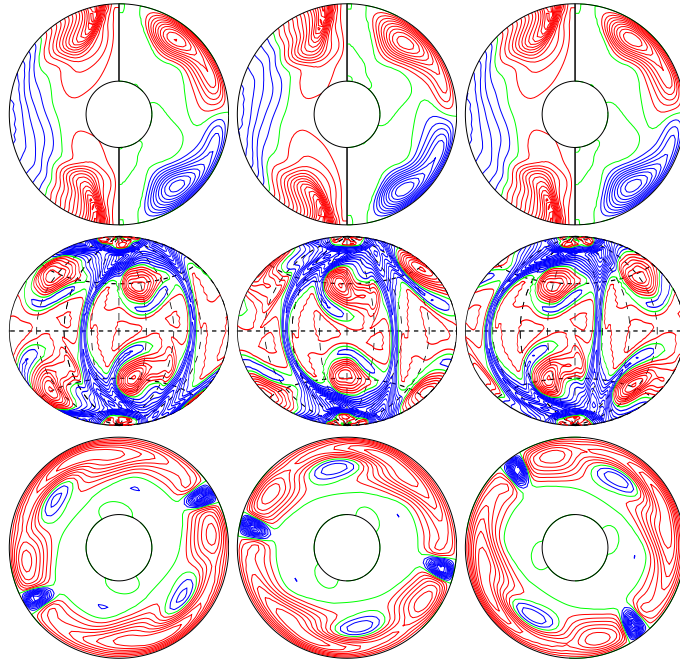


Nusselt Number

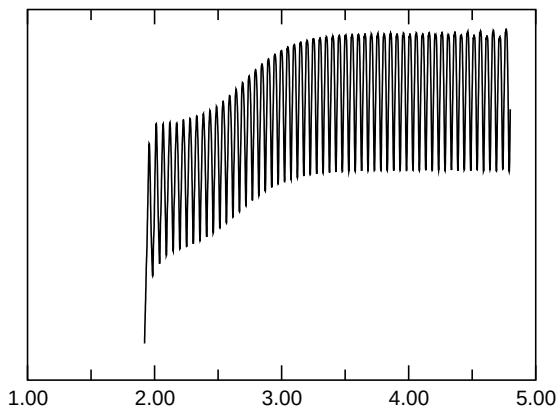


a.e03p1t03r-100000m1n2N3z2.6e5.4
times: 2.880102 3.840103 4.800104

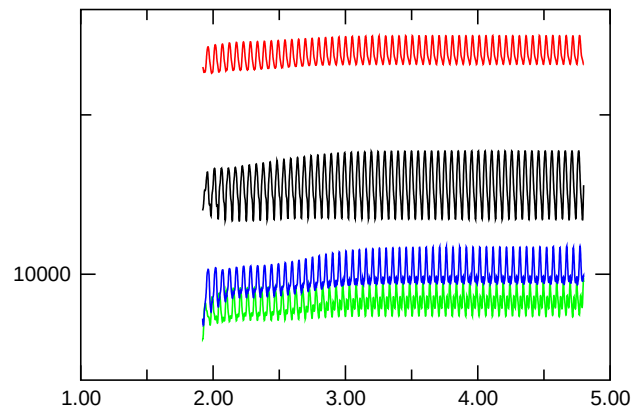
July 12, 2015



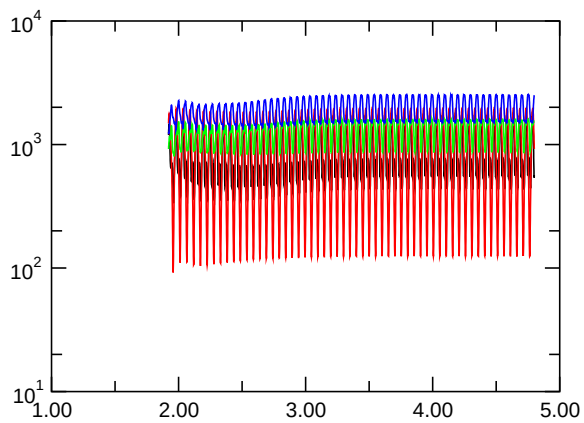
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 E_{kin}



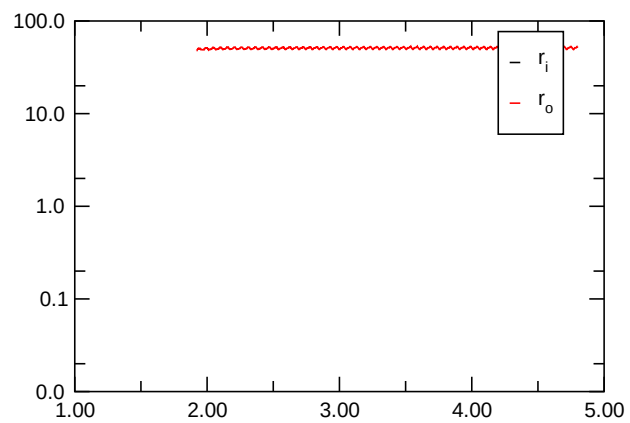
$E_{\text{kin, symm.}}$



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

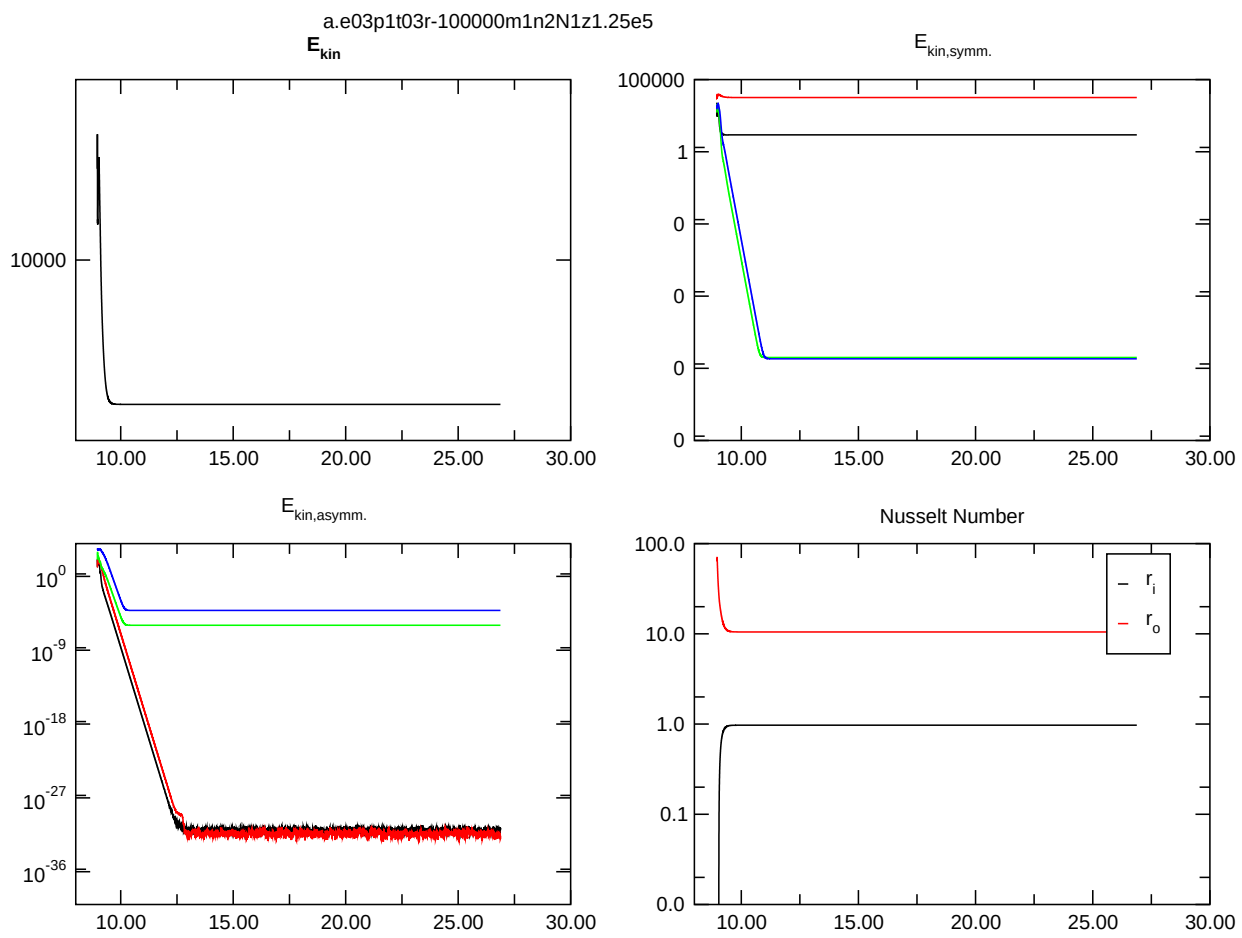
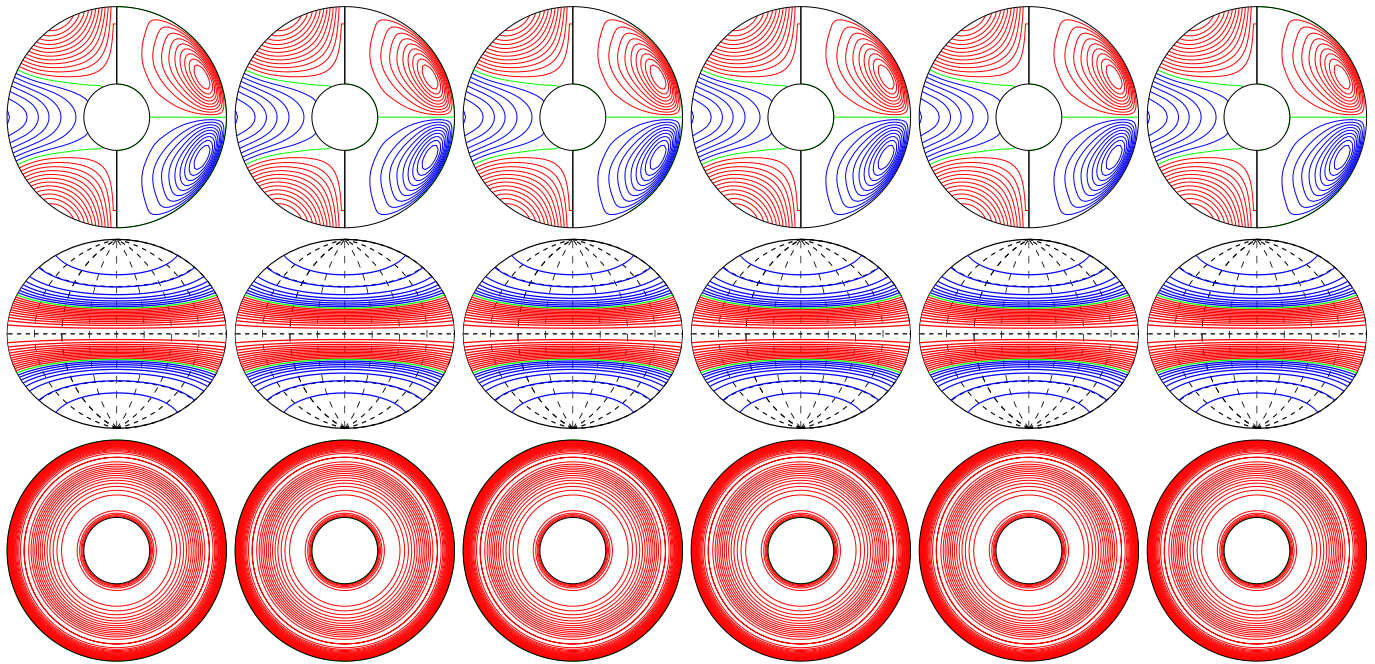


Nusselt Number



a.e03p1t03r-100000m1n2N1z1.25e5.15
times: 20.48001 21.76001 23.04001 24.32001 25.60001 26.88001

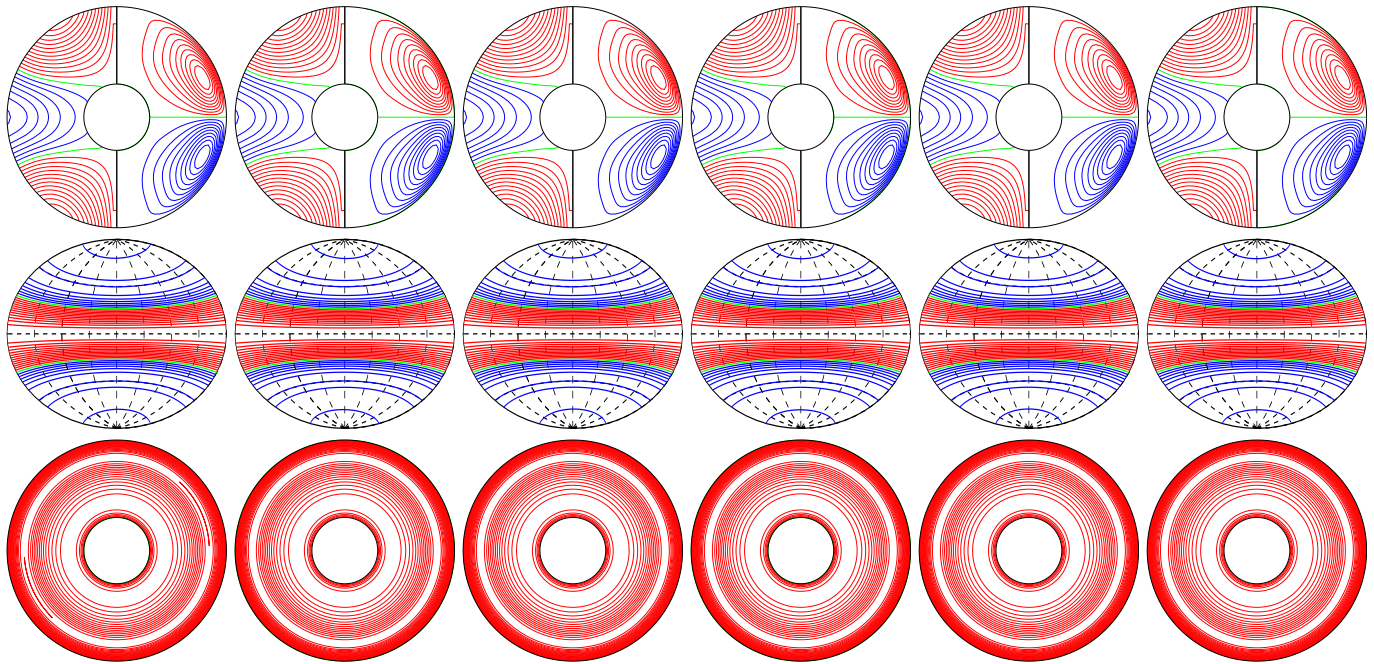
July 12, 2015



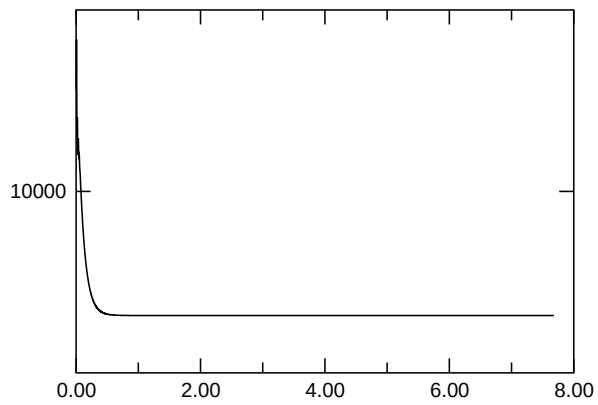
a.e03p1t03r-100000m1n2N1z1.3e5.7

times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

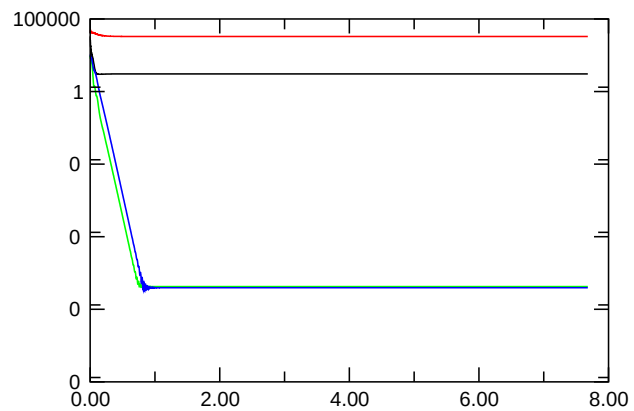
July 12, 2015



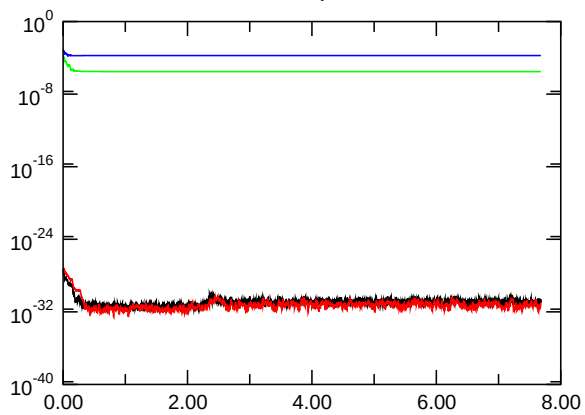
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 E_{kin}



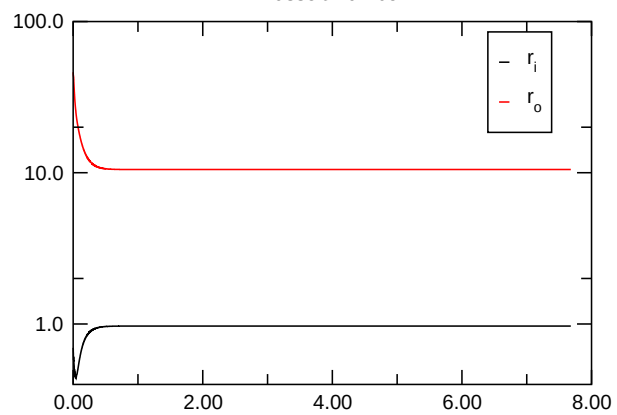
$E_{\text{kin,symm.}}$



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



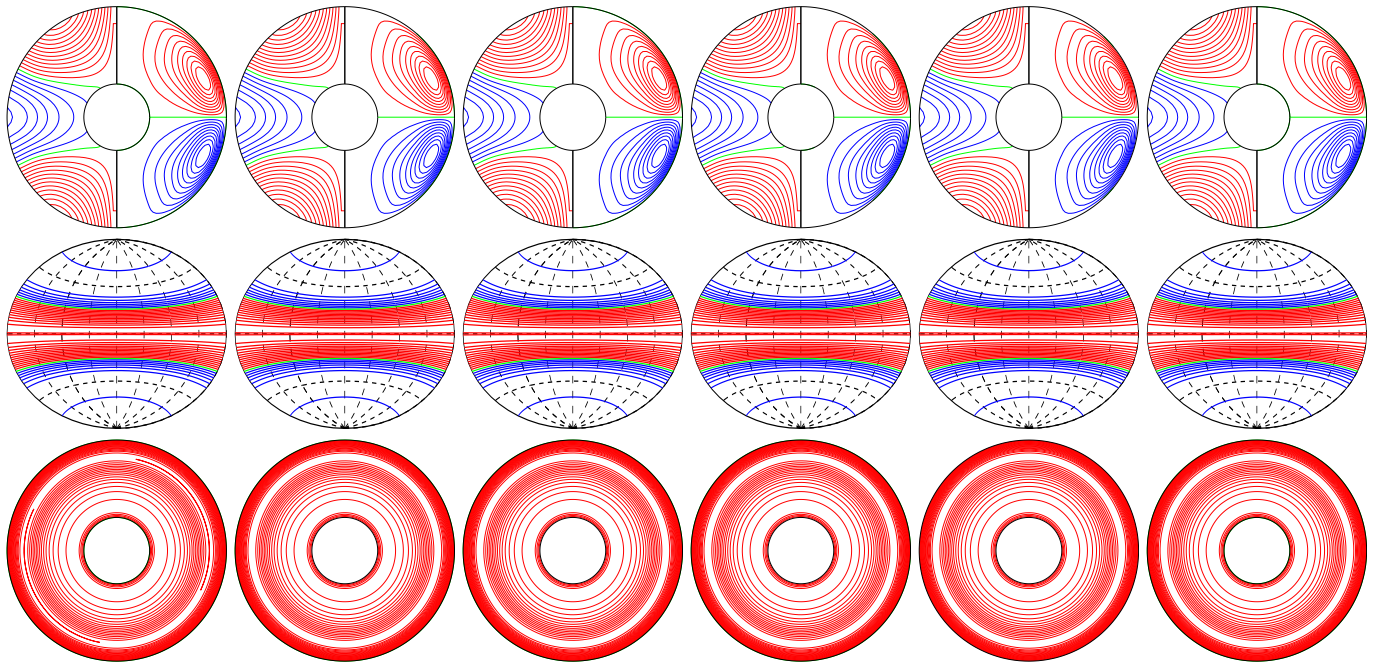
Nusselt Number



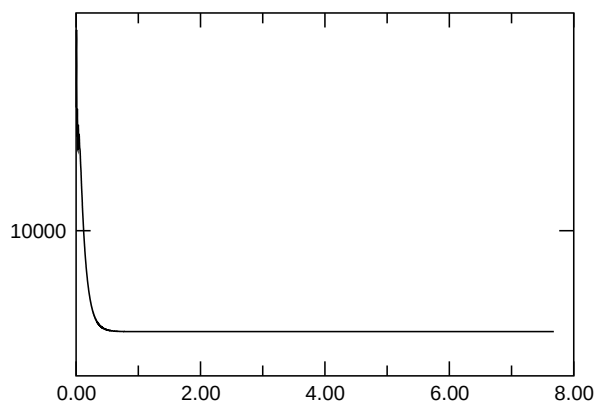
a.e03p1t03r-100000m1n2N1z1.4e5.7

times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

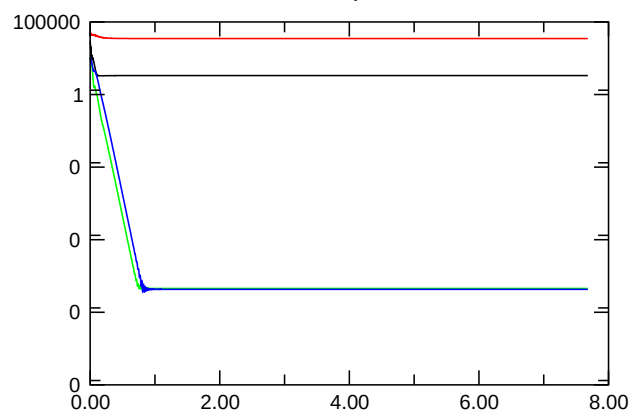
July 12, 2015



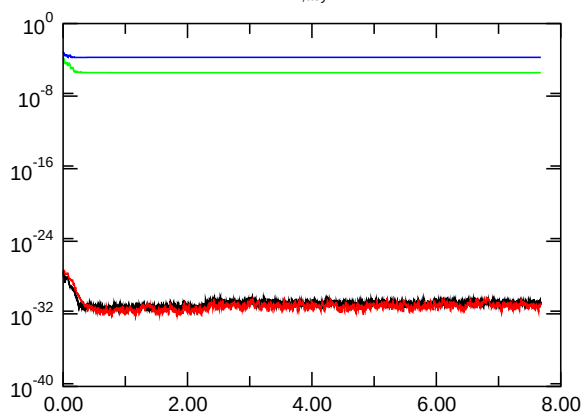
a.e03p1t03r-100000m1n2N1z1.4e5
 E_{kin}



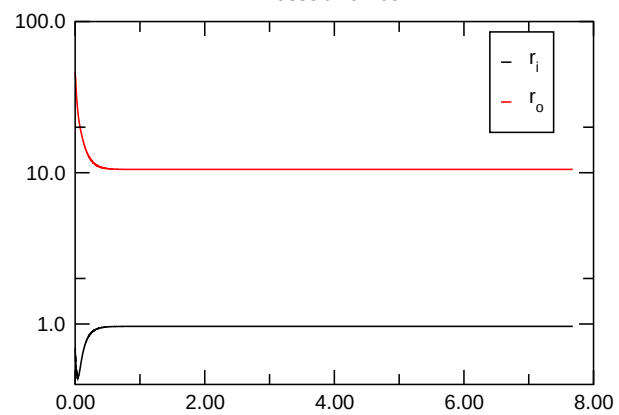
$E_{\text{kin,symm.}}$



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



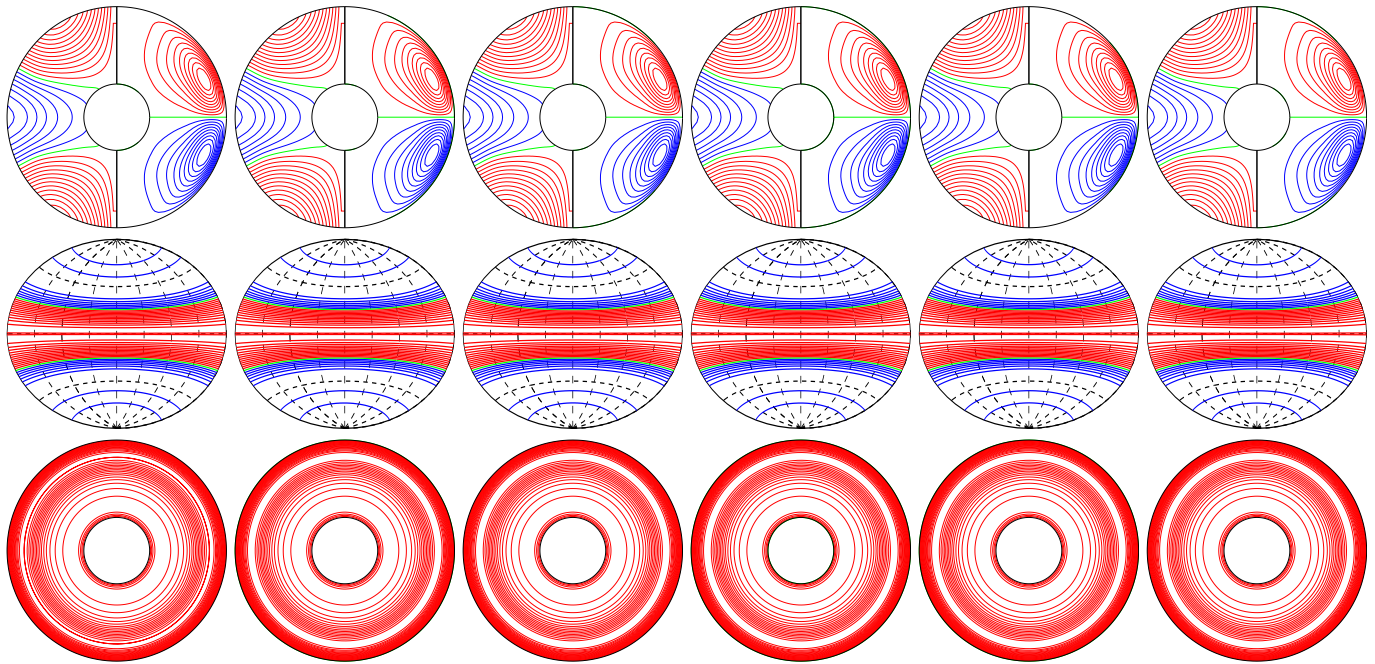
Nusselt Number



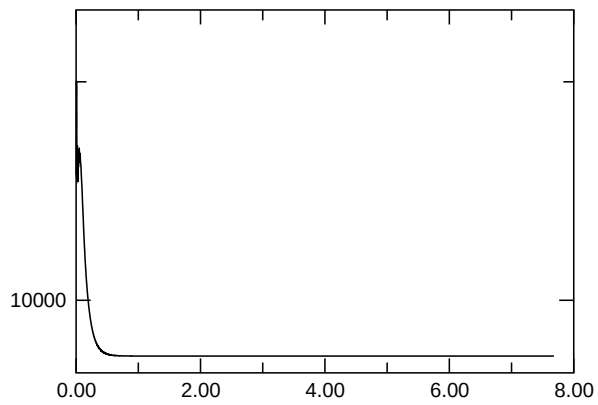
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

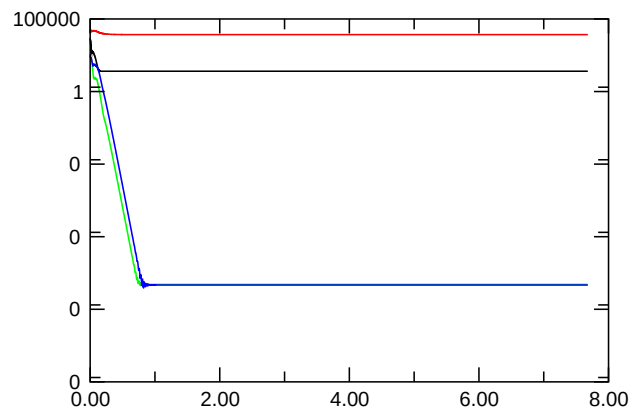
July 12, 2015



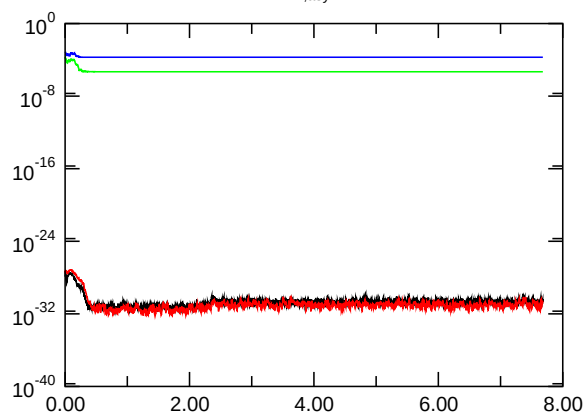
a.e03p1t03r-100000m1n2N1z1.5e5
 E_{kin}



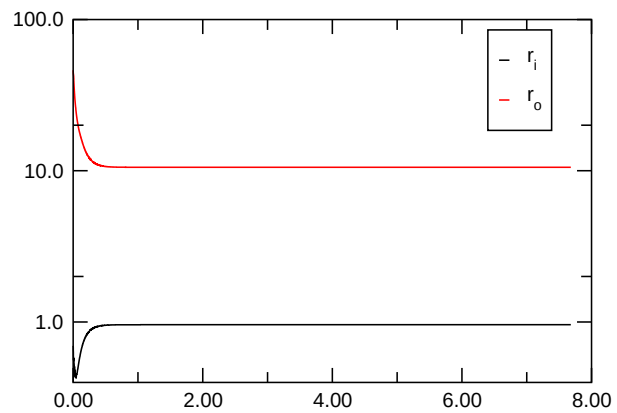
$E_{\text{kin,symm.}}$



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



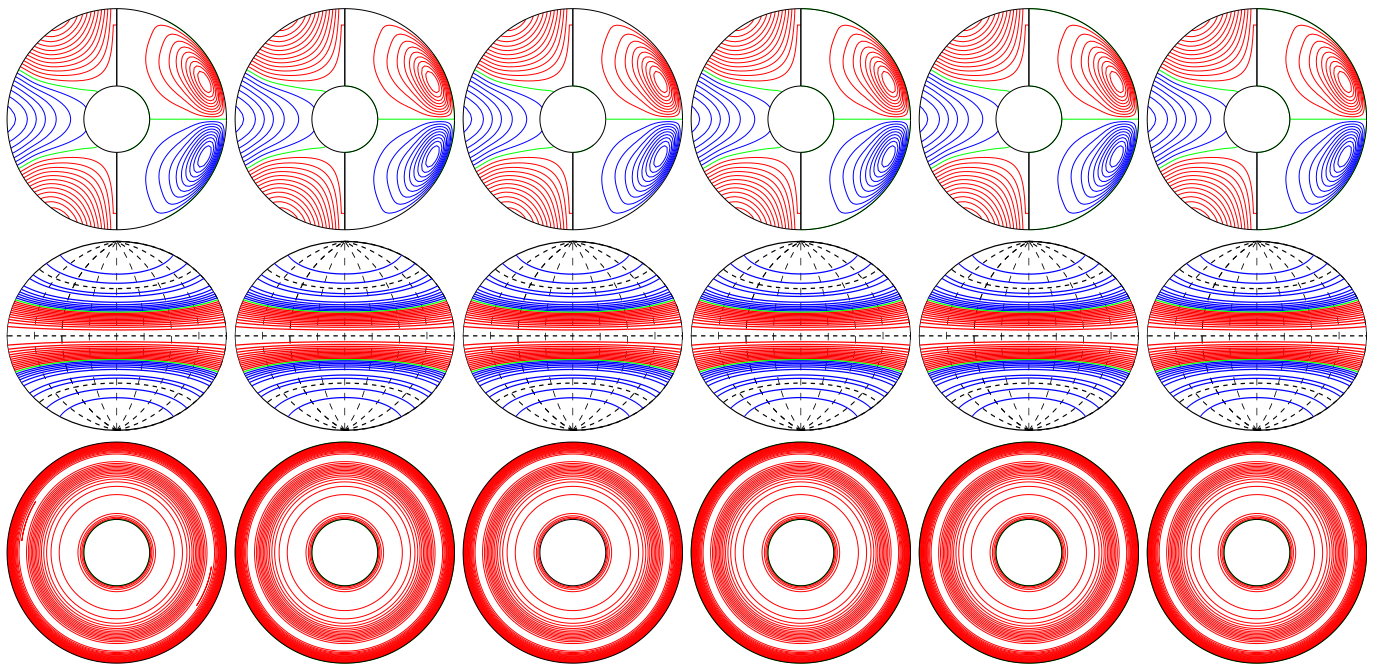
Nusselt Number



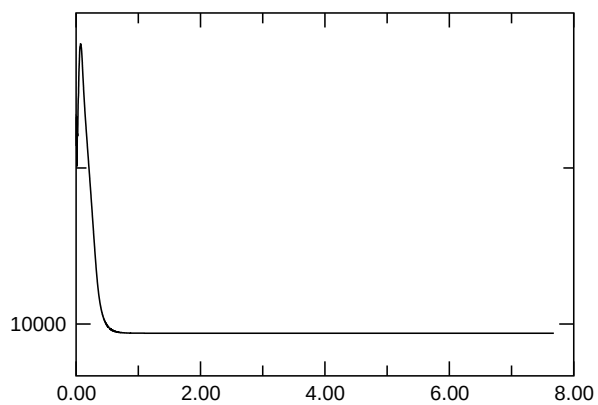
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times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

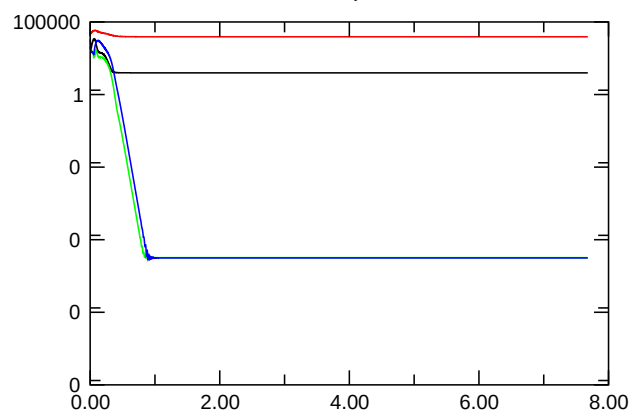
July 12, 2015



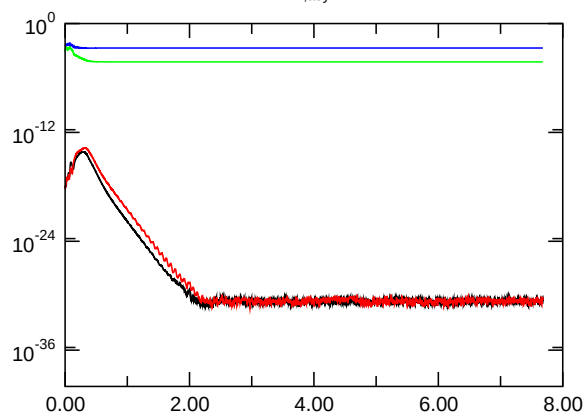
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 E_{kin}



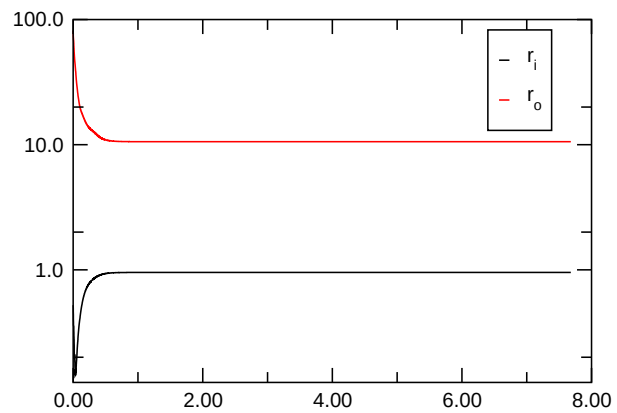
$E_{\text{kin,symm.}}$



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

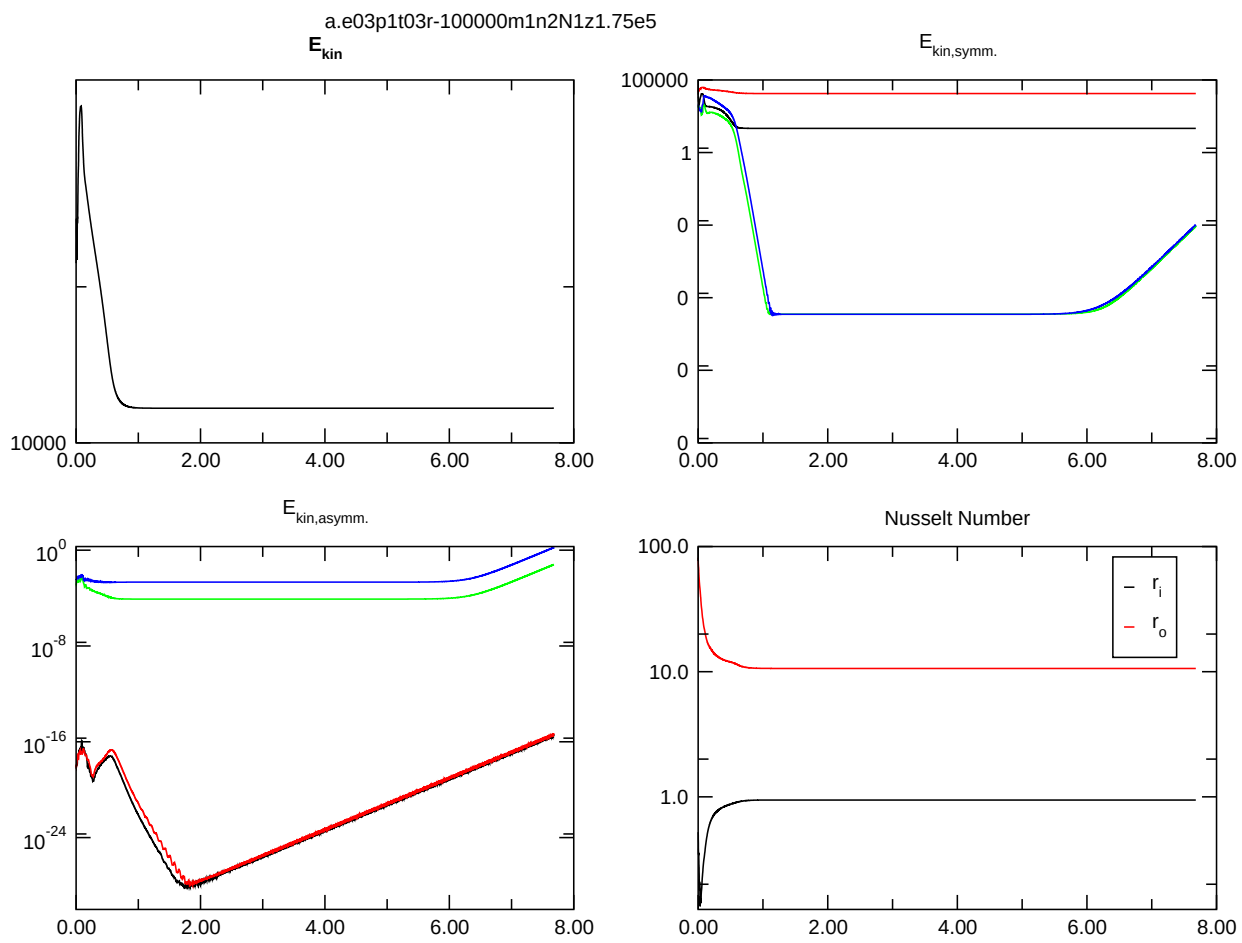
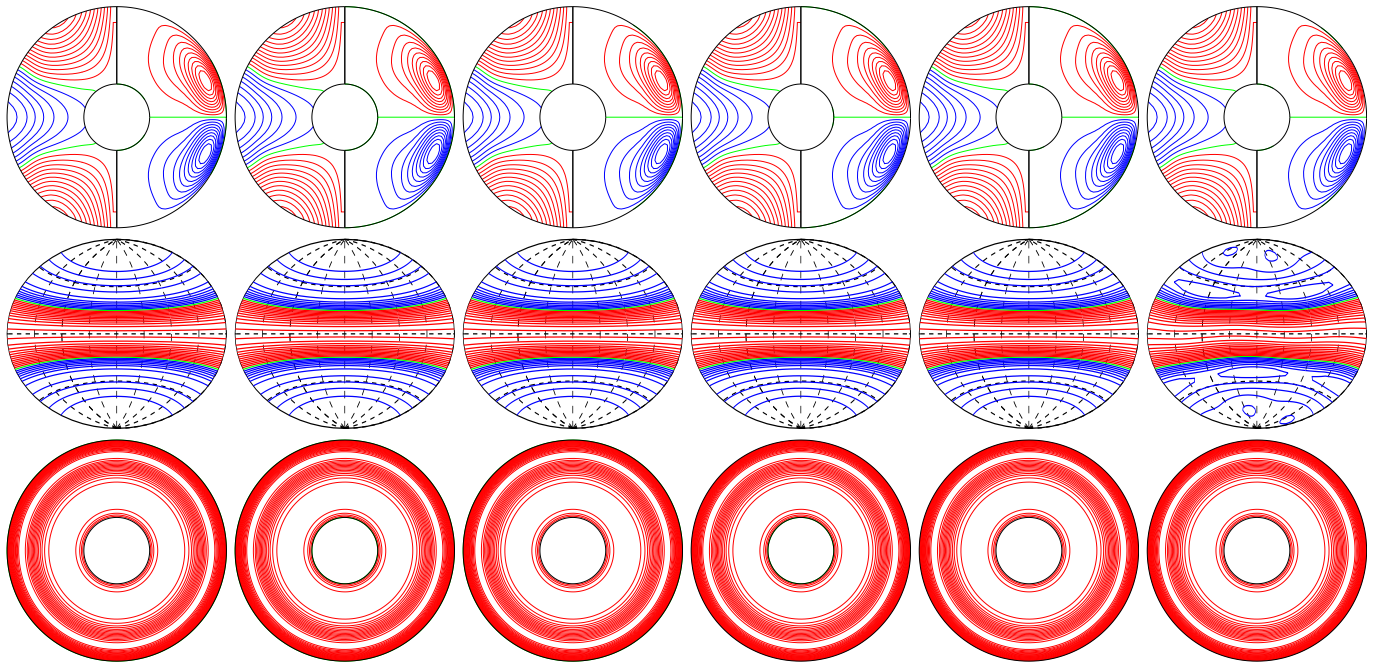


Nusselt Number



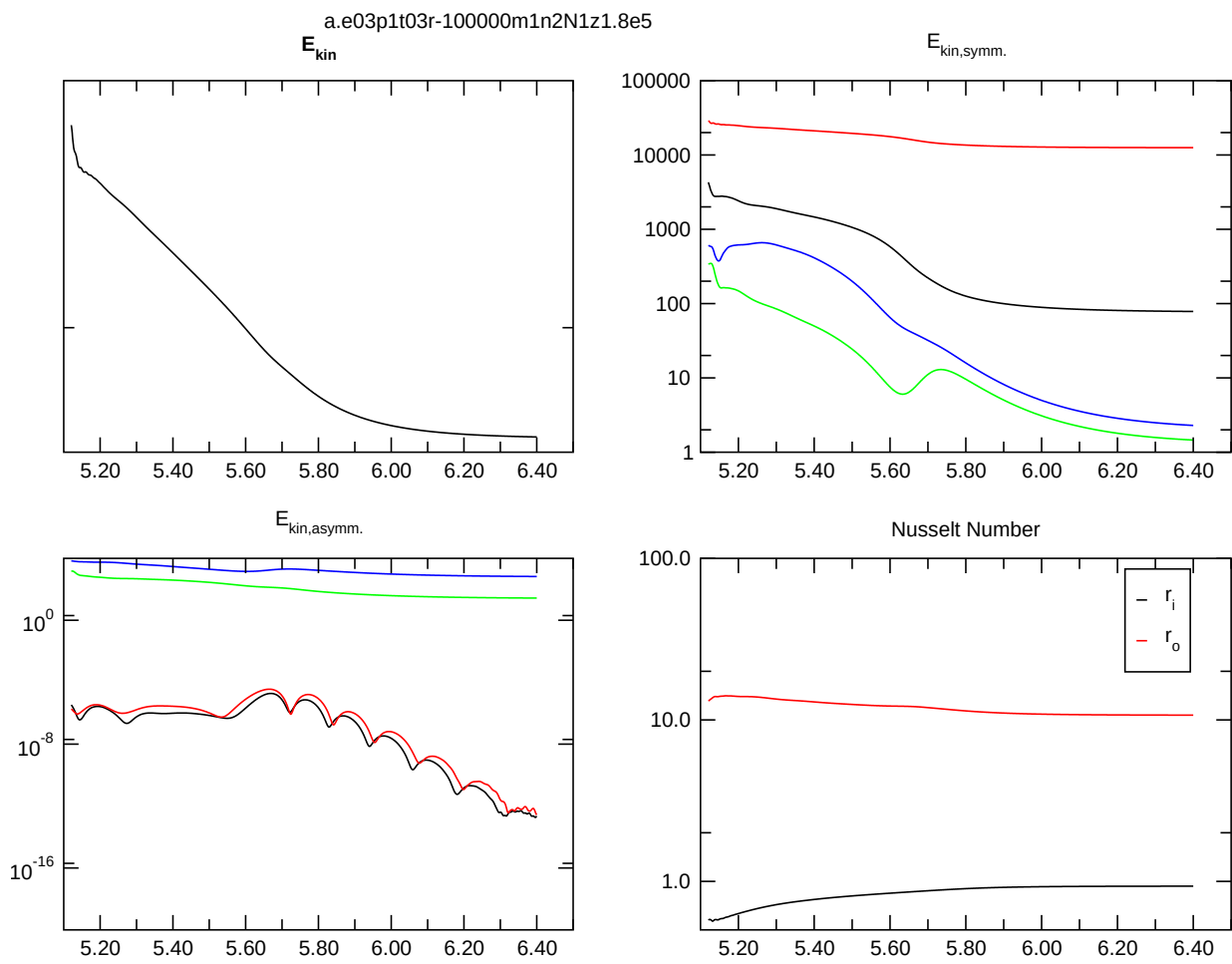
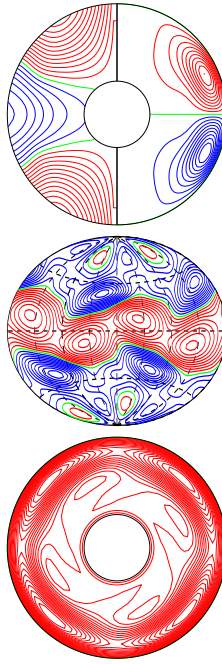
a.e03p1t03r-100000m1n2N1z1.75e5.7
times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

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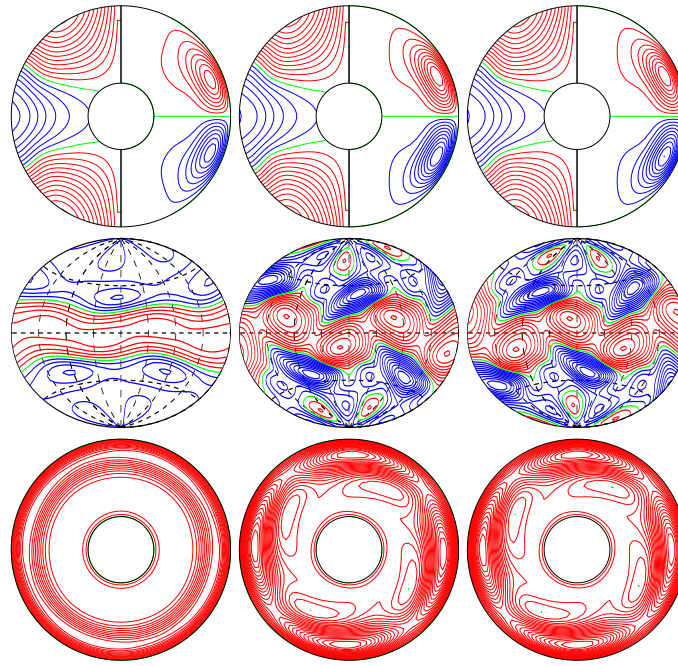
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times: 6.400005

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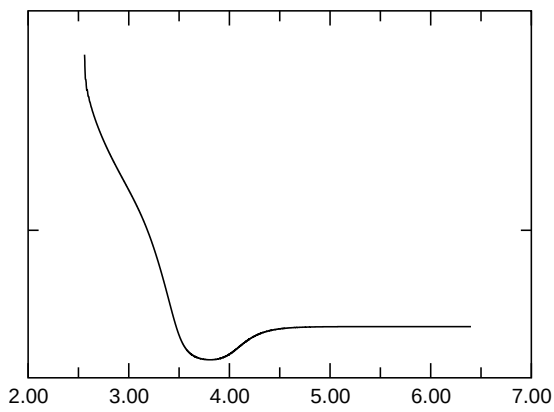


a.e03p1t03r-100000m1n2N1z1.85e5.4
times: 3.840003 5.120004 6.400005

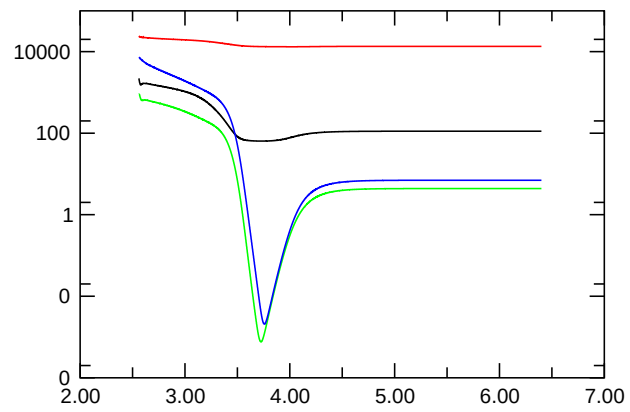
July 12, 2015



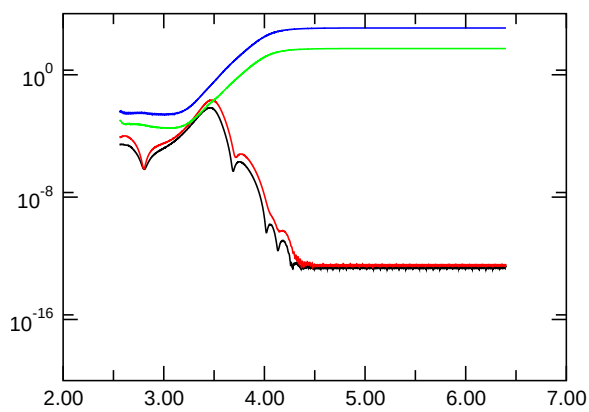
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 E_{kin}



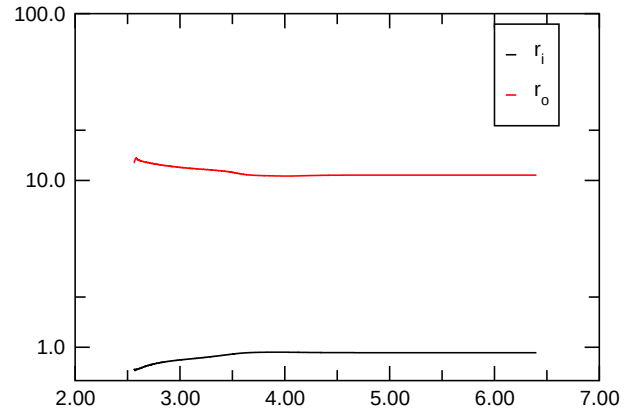
$E_{\text{kin,symm.}}$



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

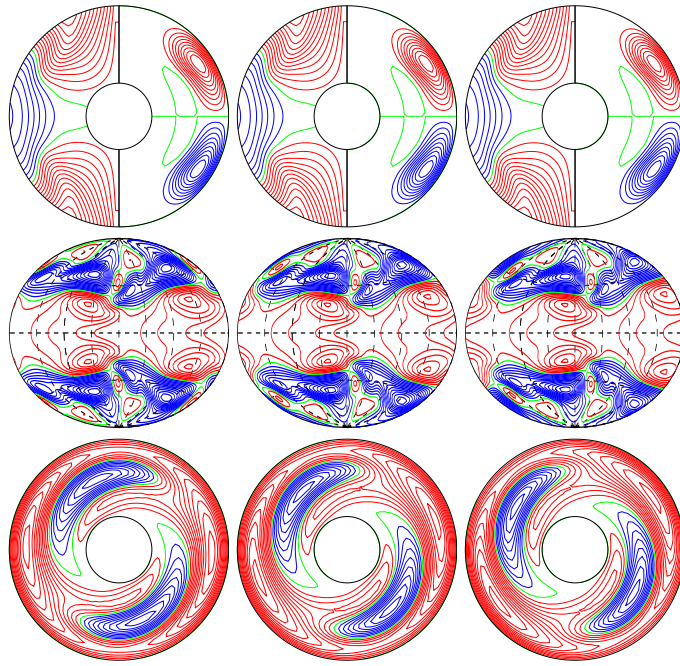


Nusselt Number

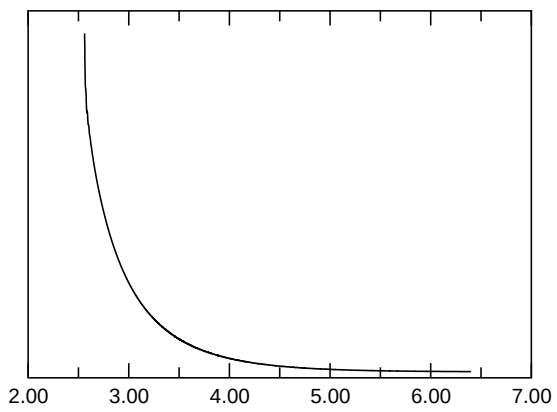


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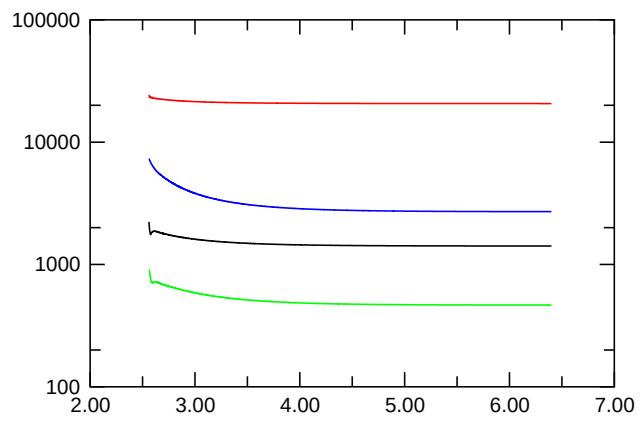
July 12, 2015



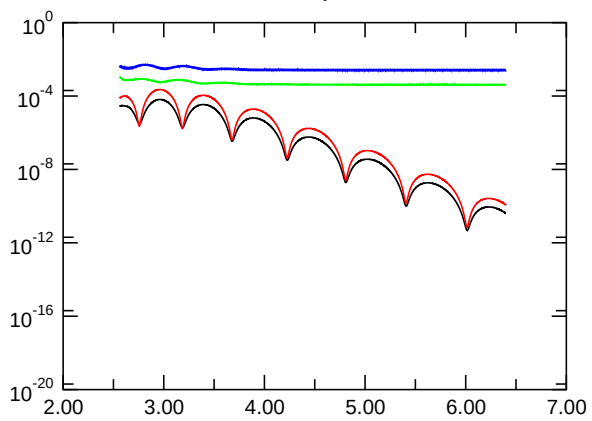
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 E_{kin}



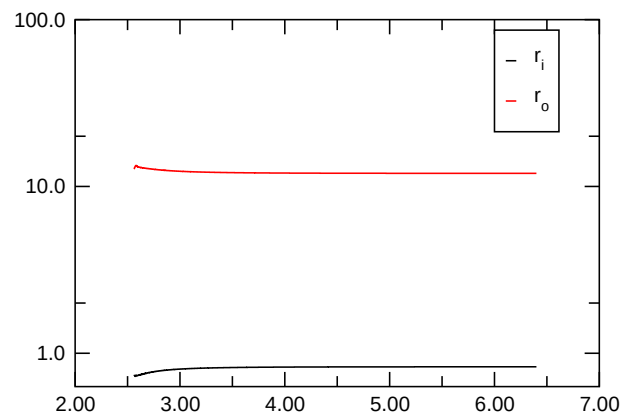
$E_{\text{kin,symm.}}$



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

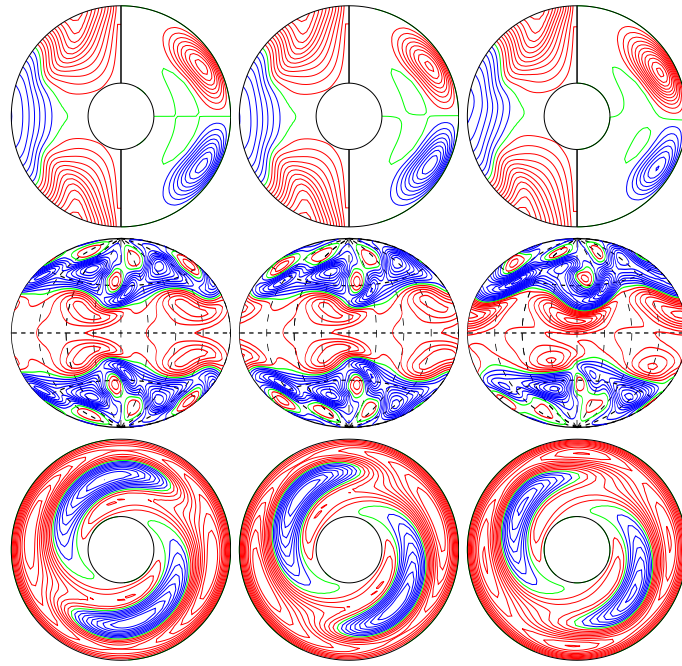


Nusselt Number

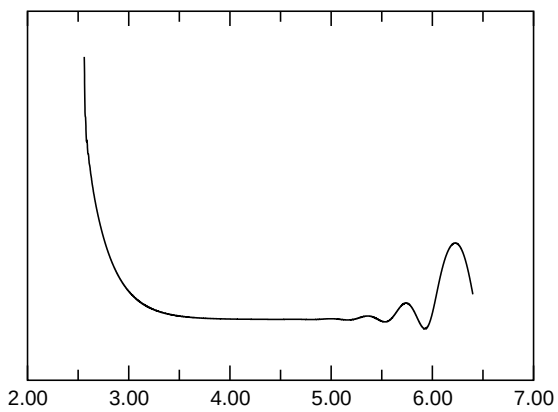


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times: 3.840003 5.120004 6.400005

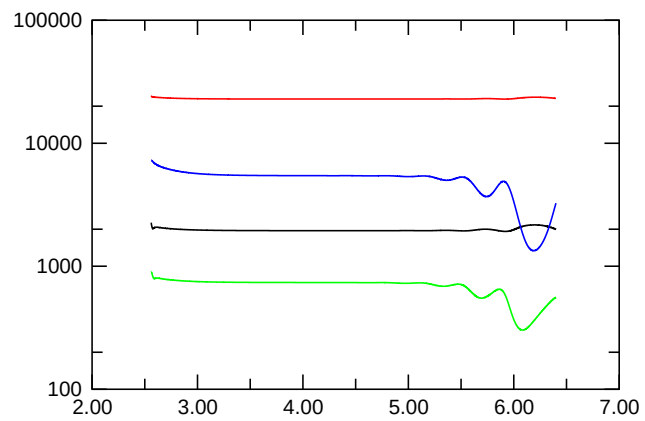
July 12, 2015



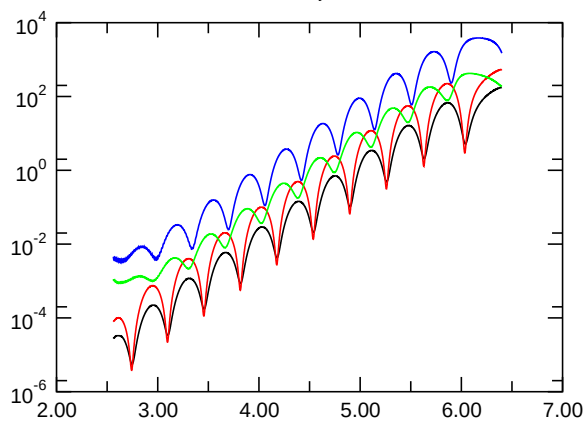
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 E_{kin}



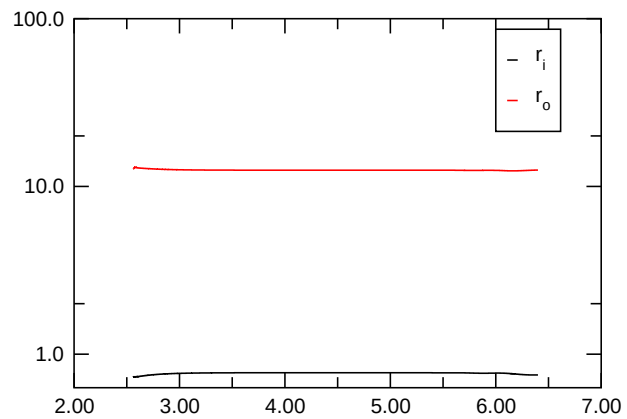
$E_{kin,symm.}$



$E_{kin,asymm.}$



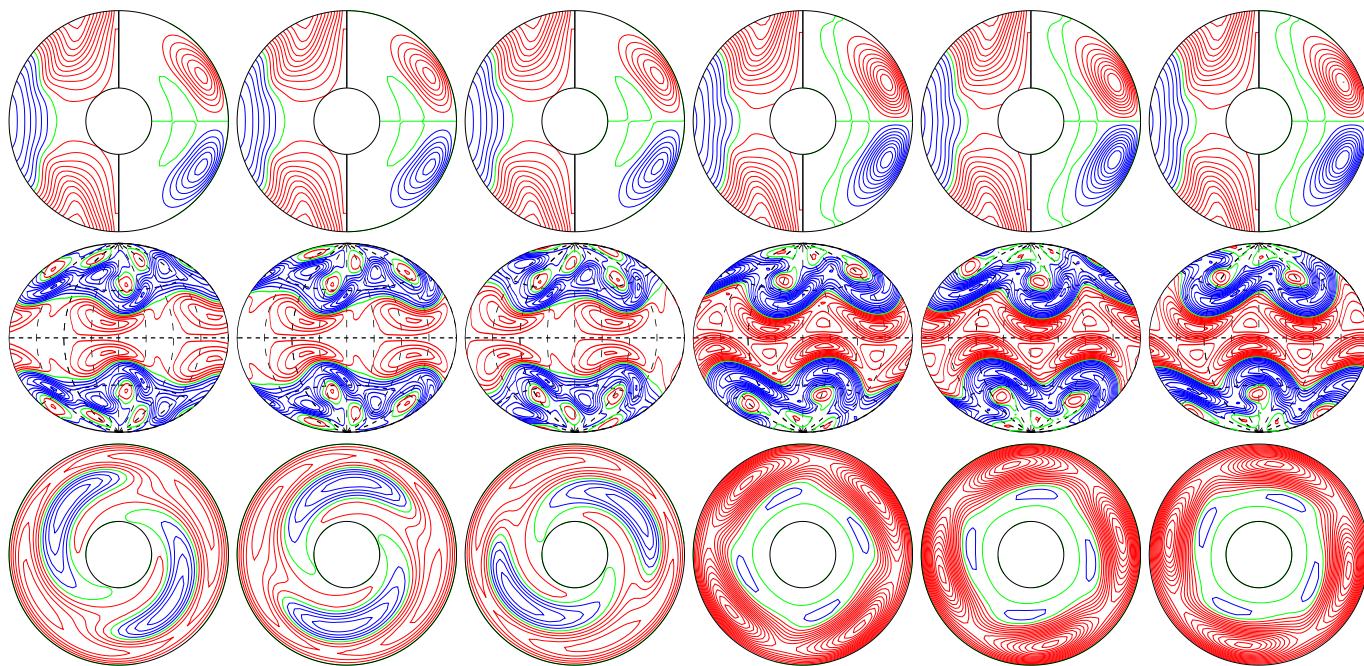
Nusselt Number



a.e03p1t03r-100000m1n2N1z2e5.7

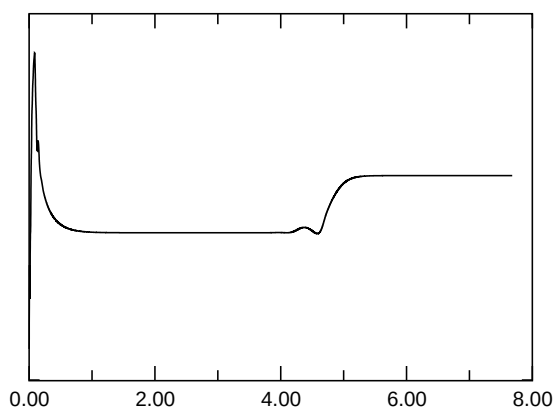
July 12, 2015

times: 1.280001 2.560002 3.840003 5.120004 6.400005 7.680006

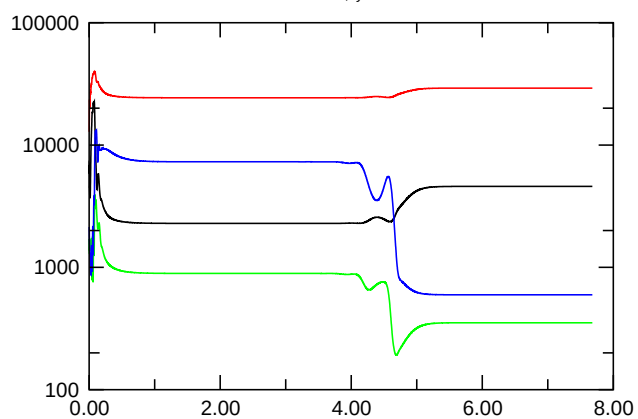


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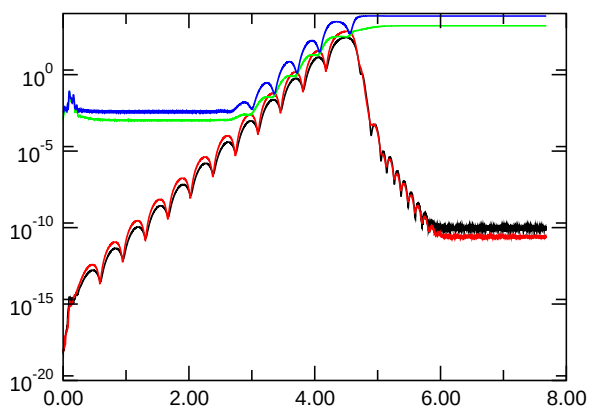
E_{kin}



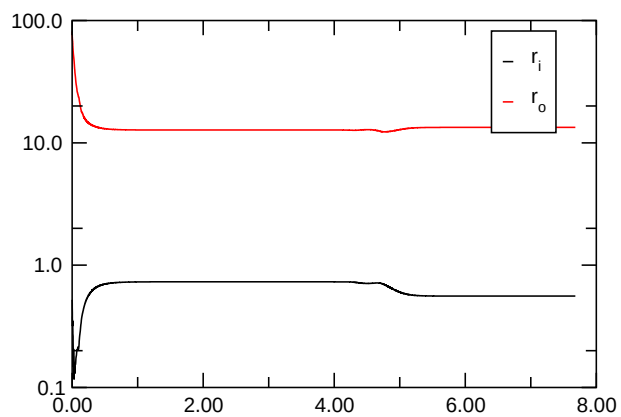
$E_{\text{kin,symm.}}$



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

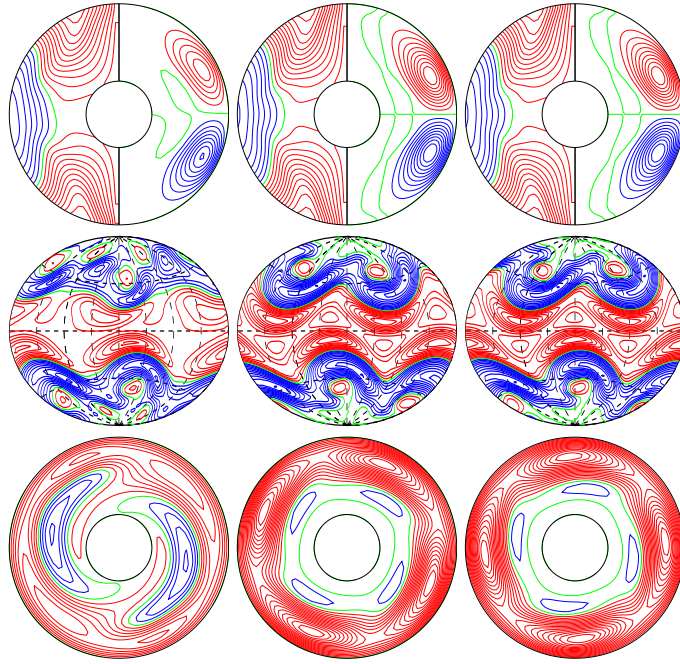


Nusselt Number



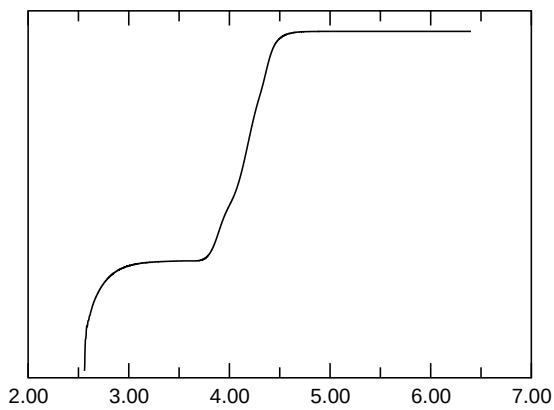
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July 12, 2015

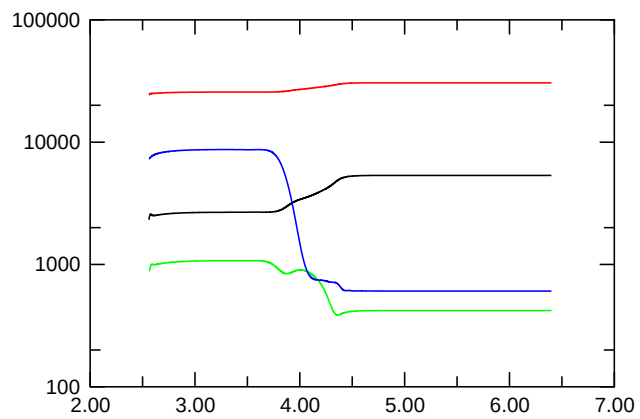


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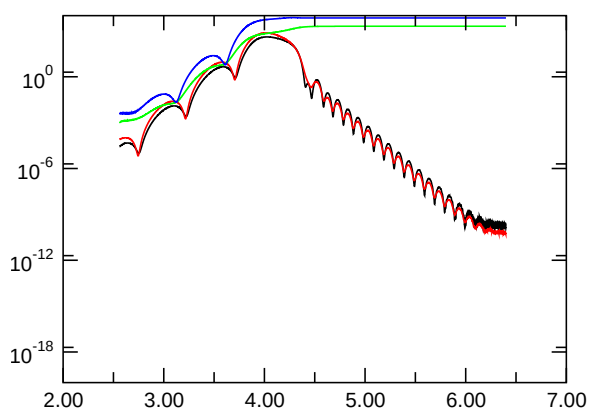
E_{kin}



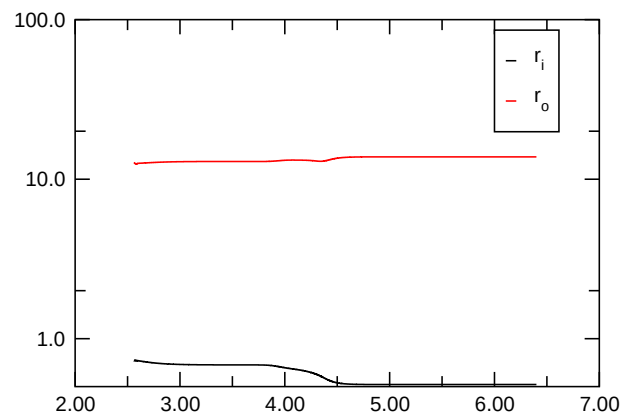
$E_{\text{kin,symm.}}$



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

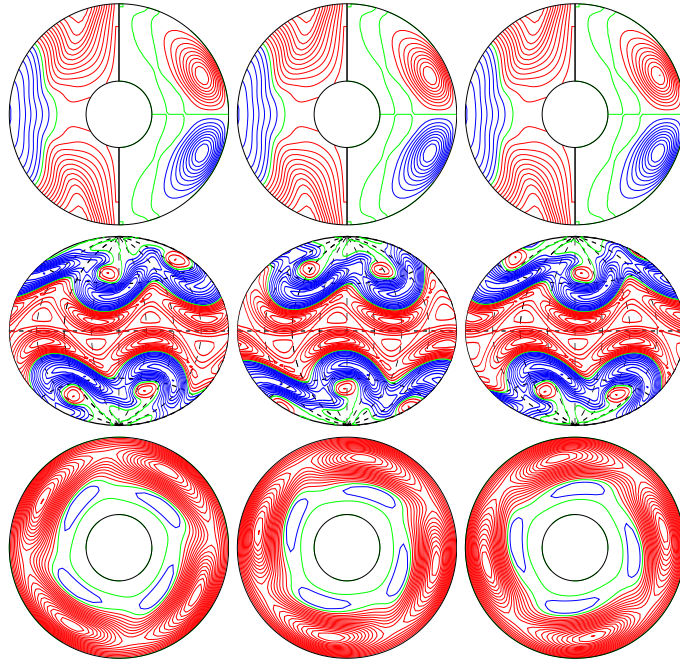


Nusselt Number

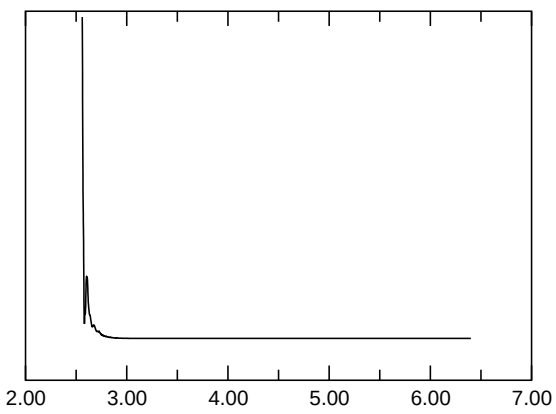


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times: 3.840003 5.120004 6.400005

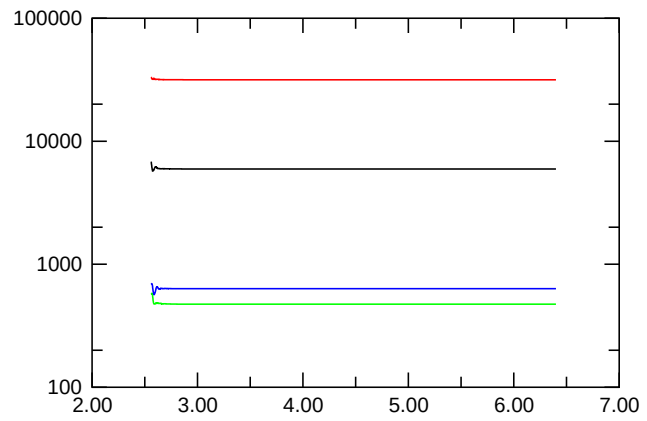
July 12, 2015



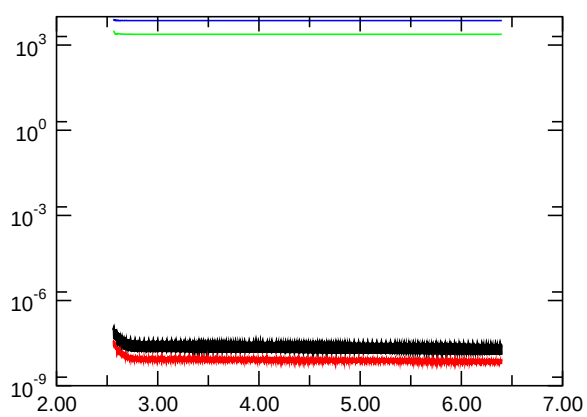
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 E_{kin}



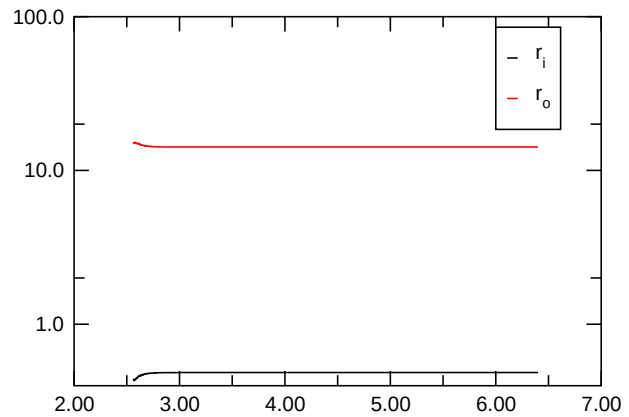
$E_{\text{kin, symm.}}$



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

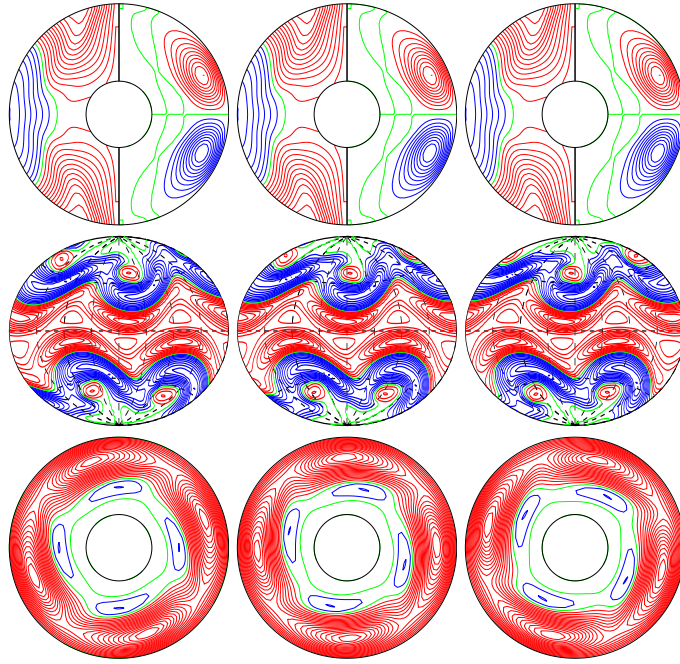


Nusselt Number

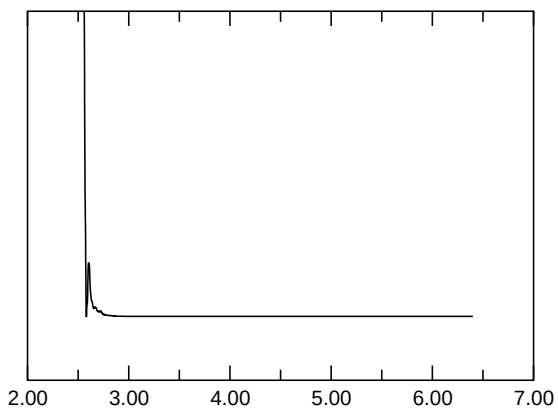


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times: 3.840003 5.120004 6.400005

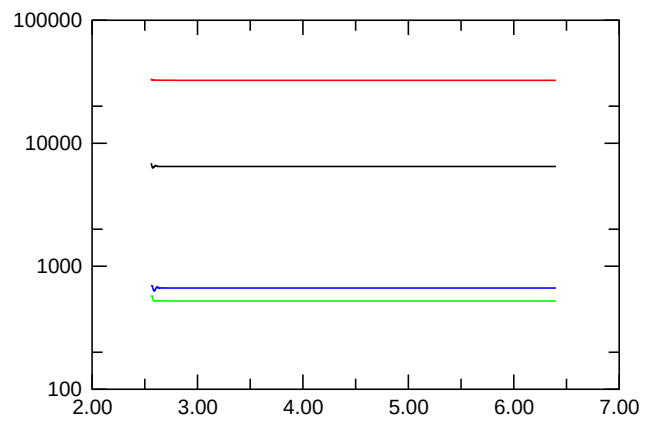
July 12, 2015



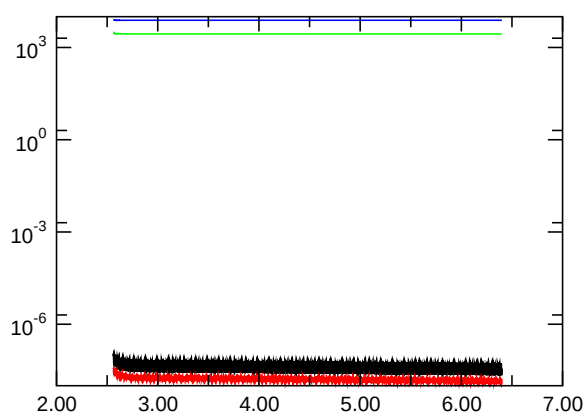
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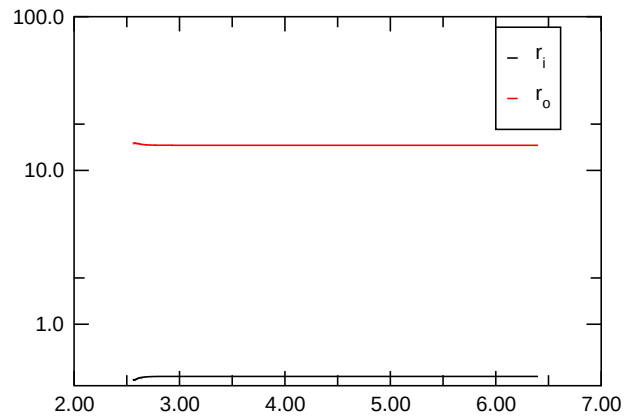
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$E_{\text{kin,asymm.}}$



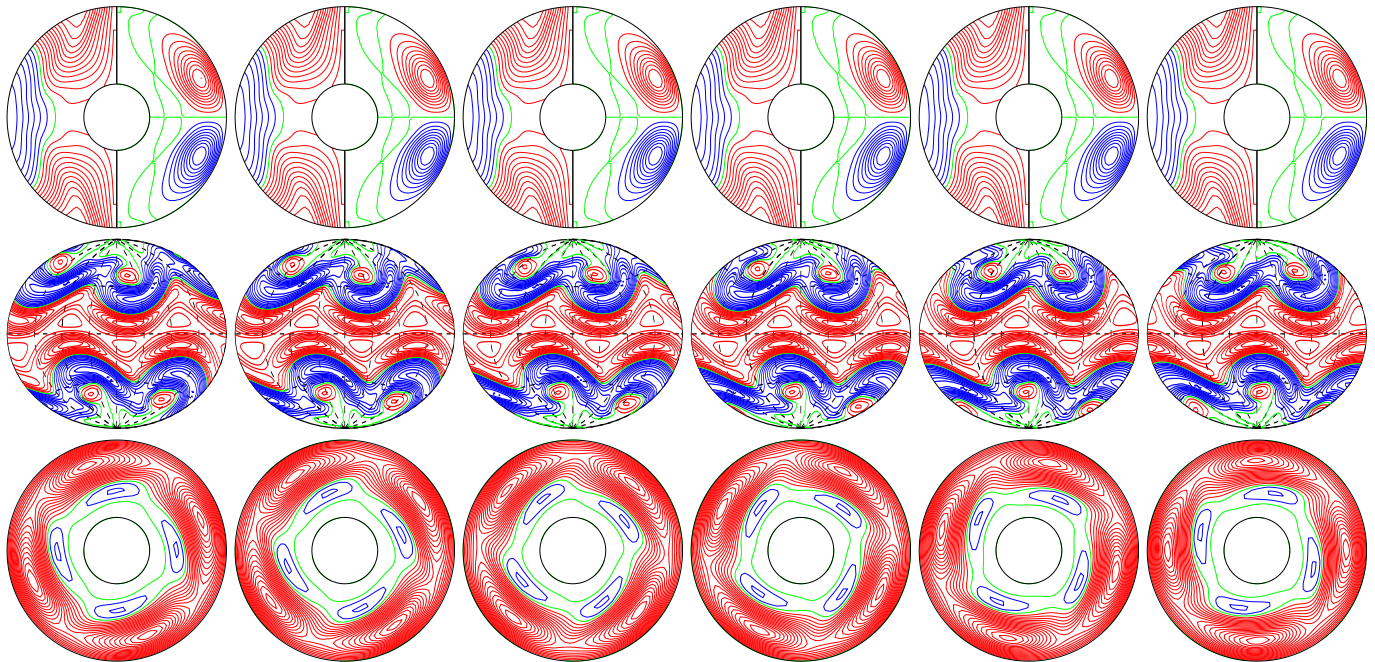
Nusselt Number



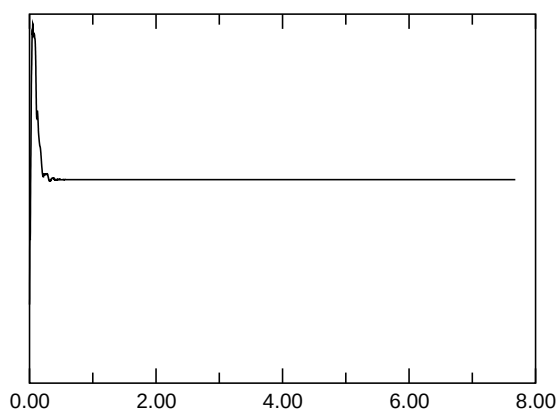
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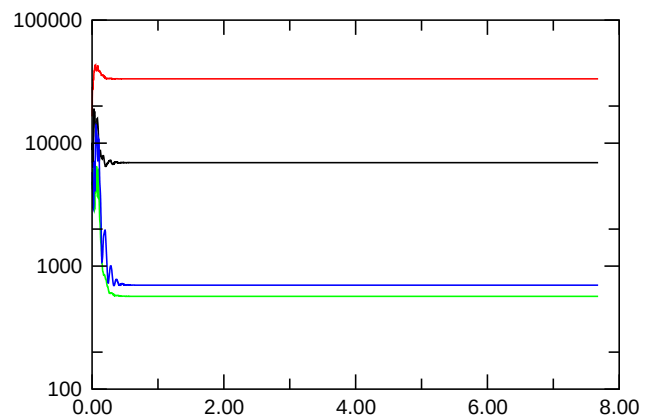
July 12, 2015



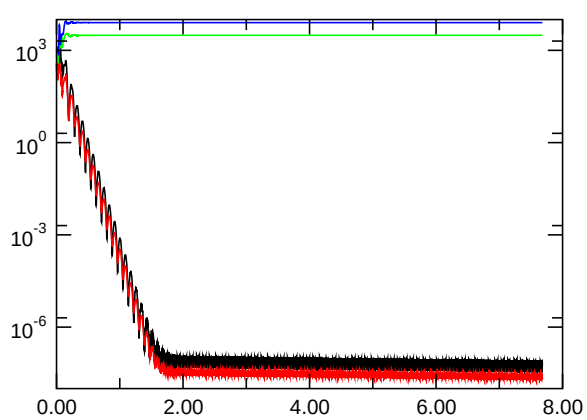
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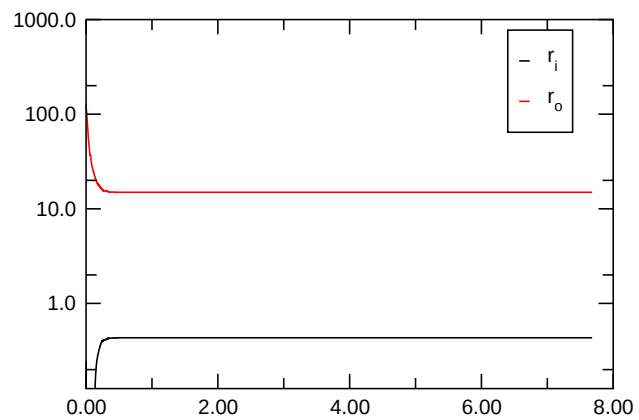
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$E_{\text{kin,asymm.}}$



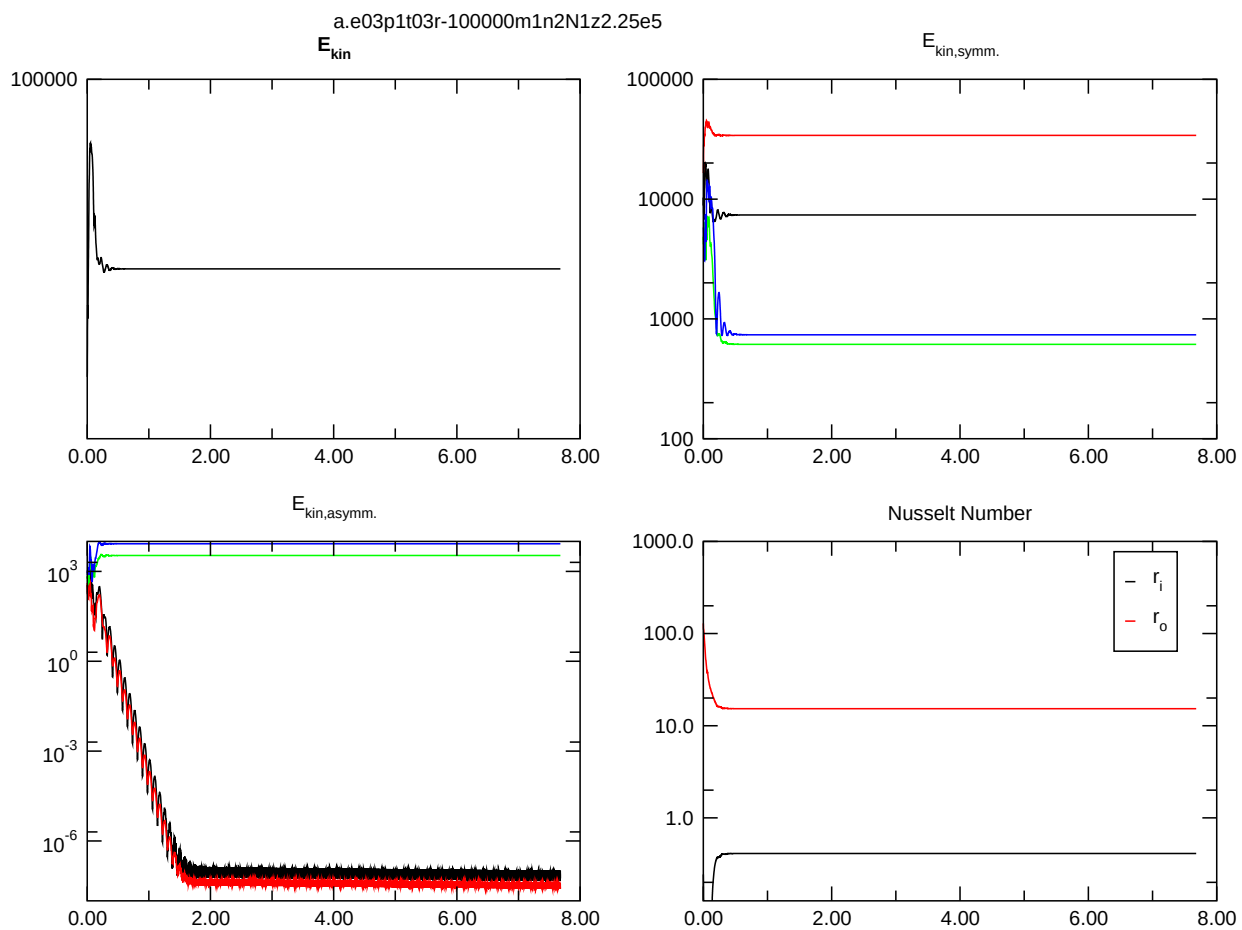
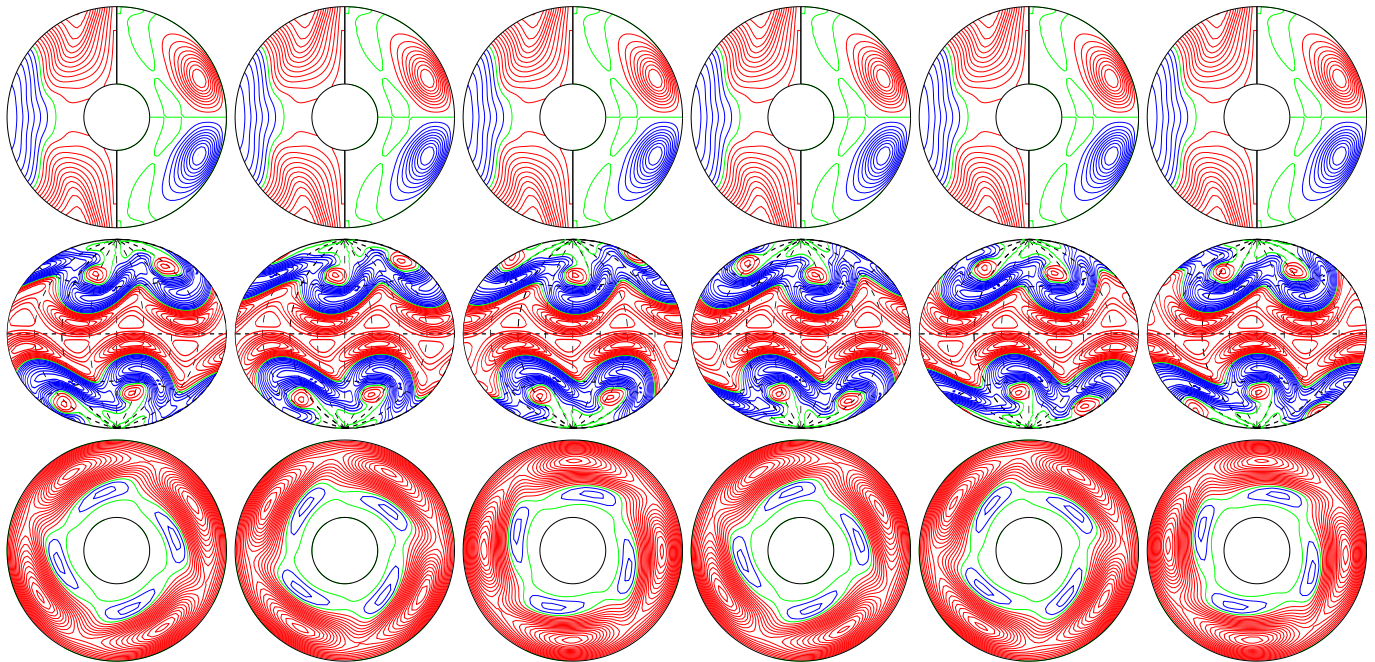
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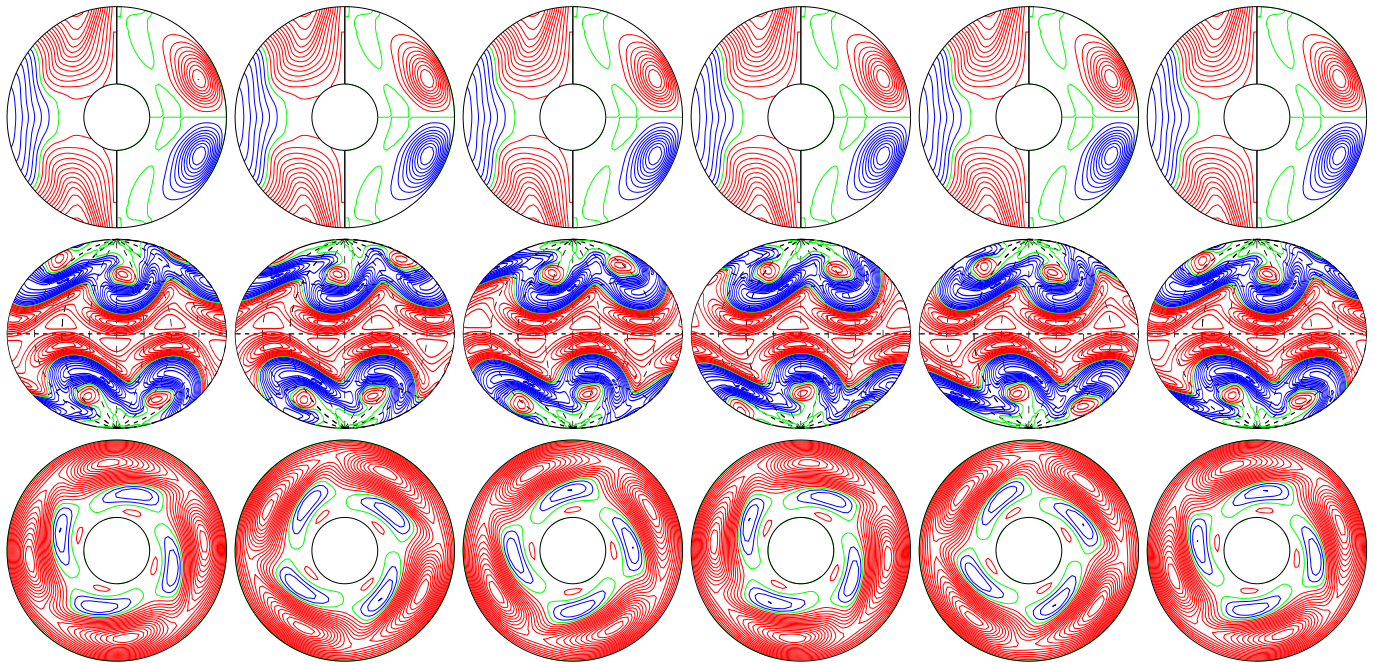
July 12, 2015



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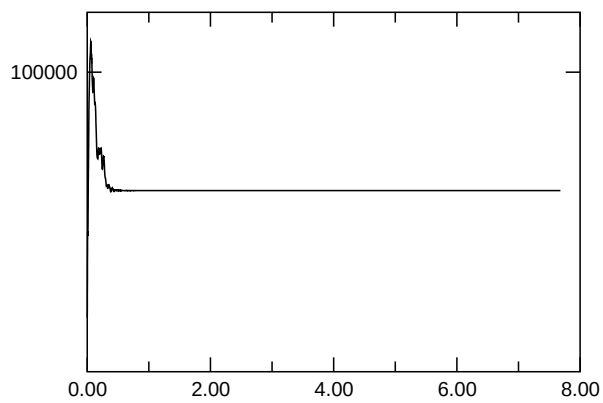
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July 12, 2015

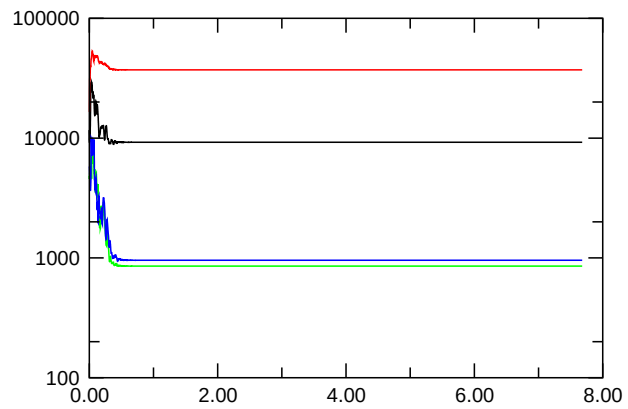


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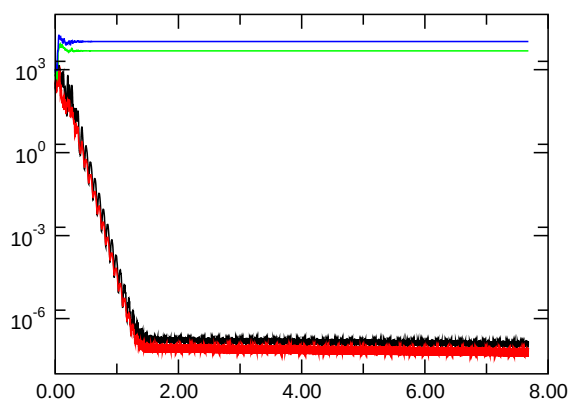
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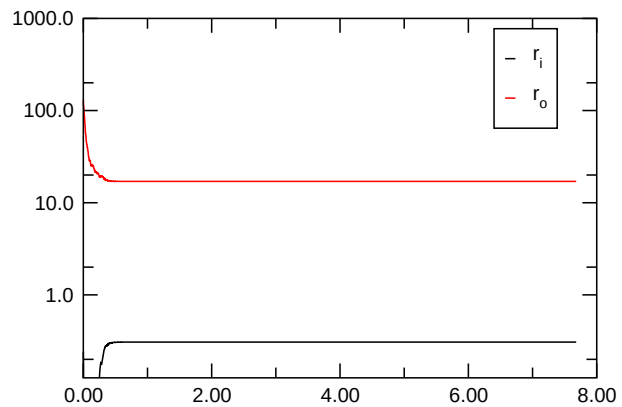
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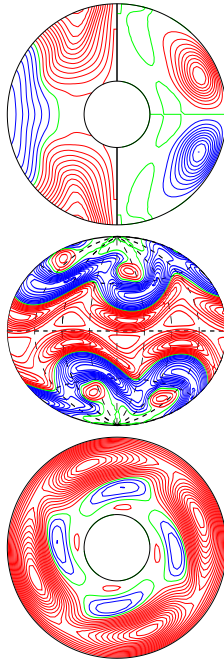


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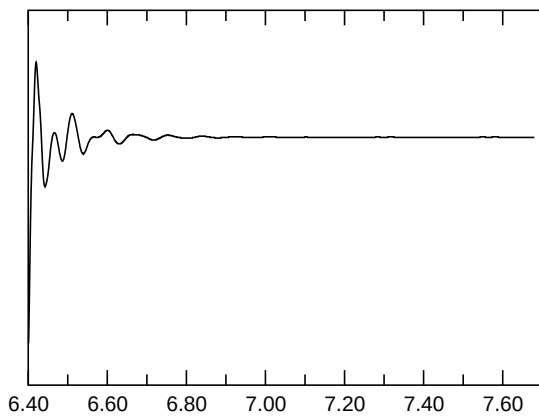


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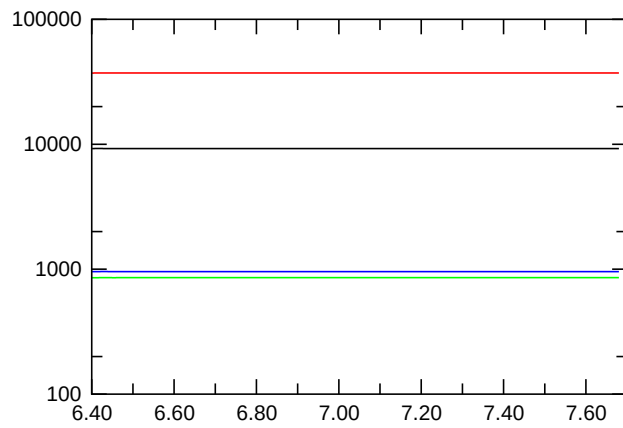
July 12, 2015



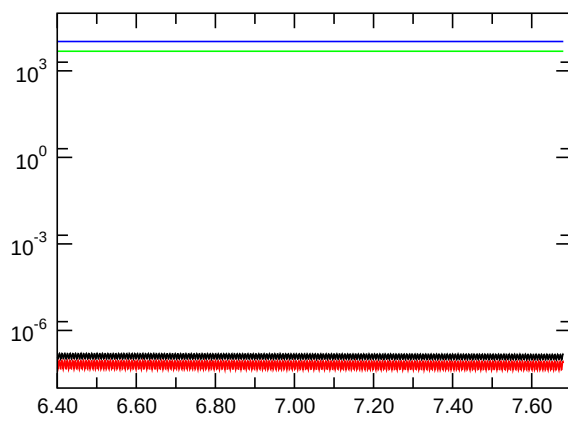
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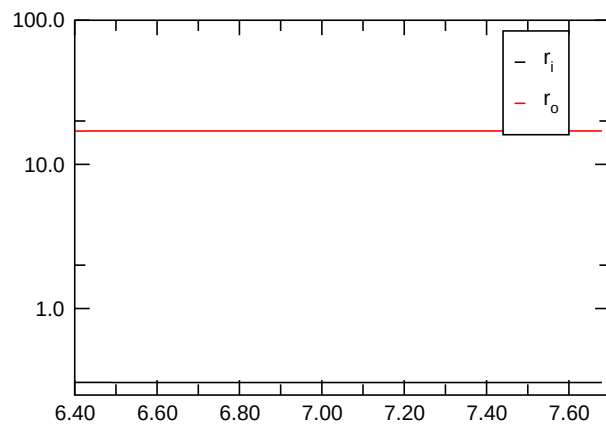
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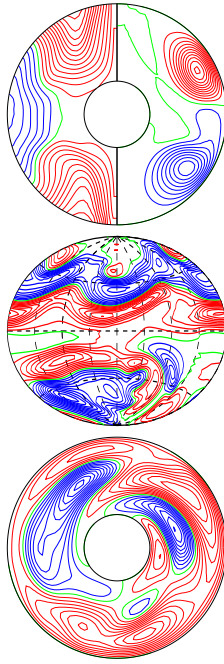


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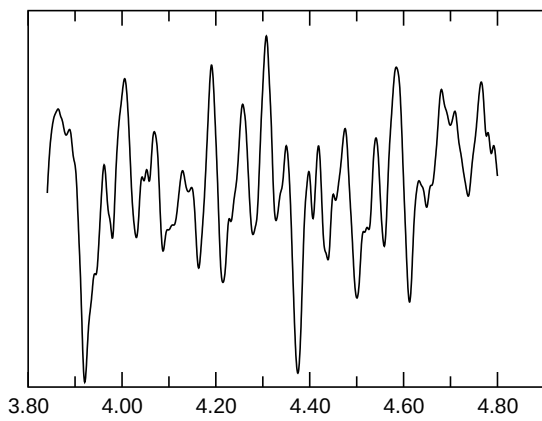


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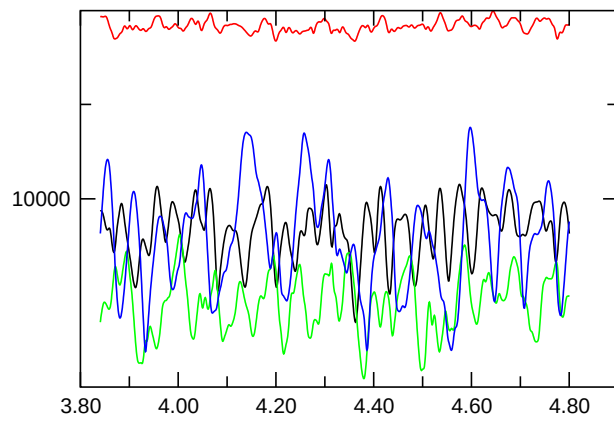
July 12, 2015



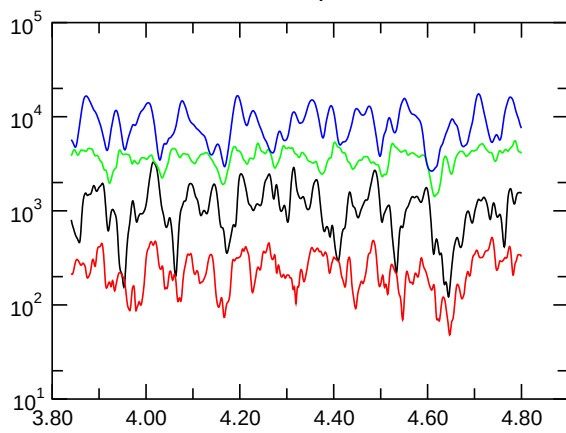
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 E_{kin}



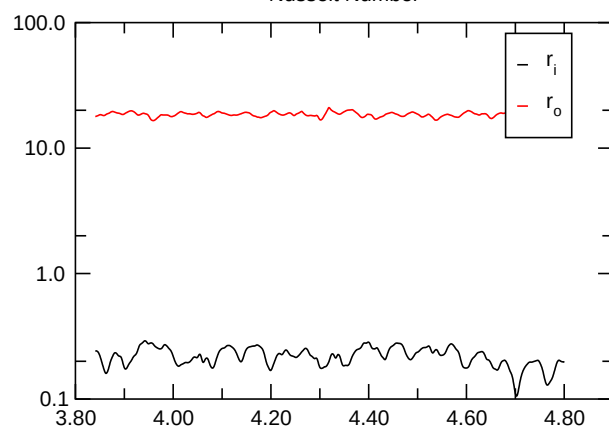
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$E_{\text{kin,asymm.}}$

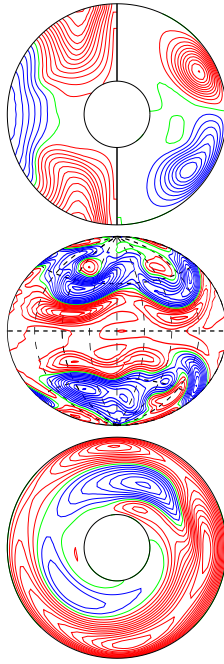


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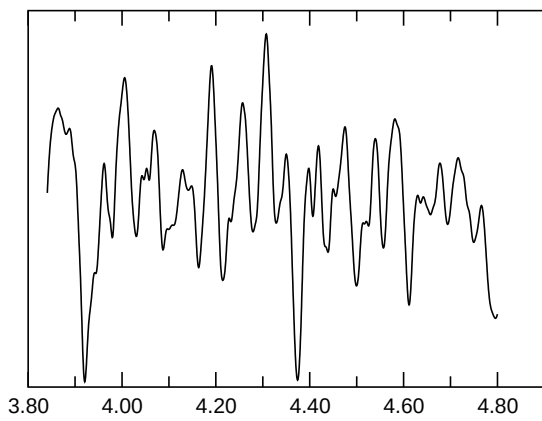


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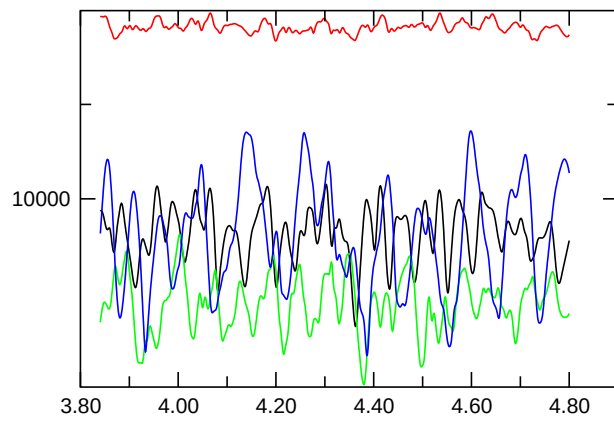
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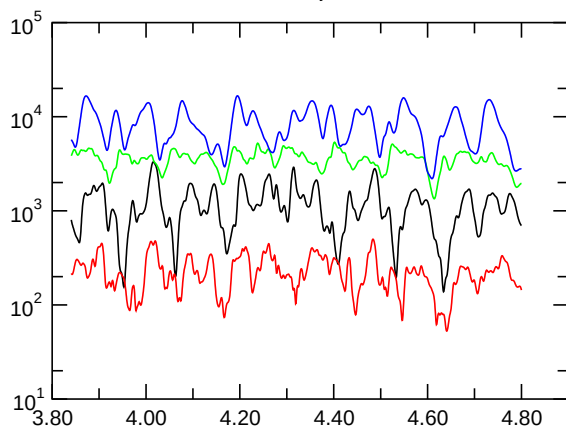
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 E_{kin}



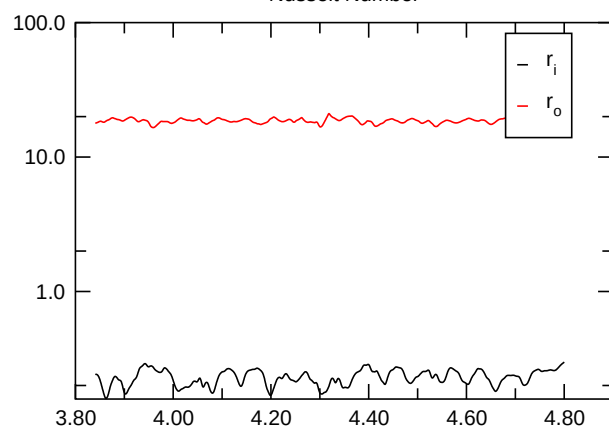
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$E_{\text{kin,asymm.}}$

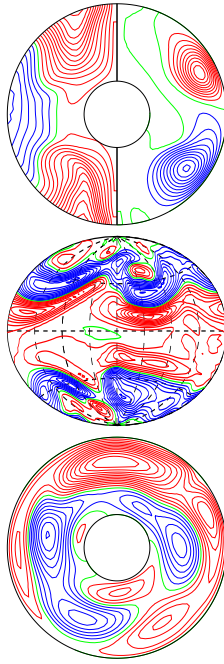


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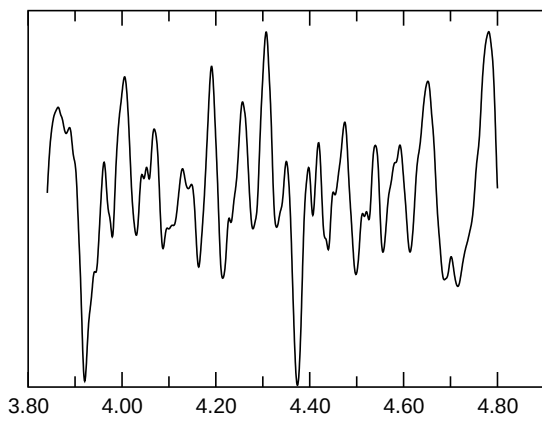


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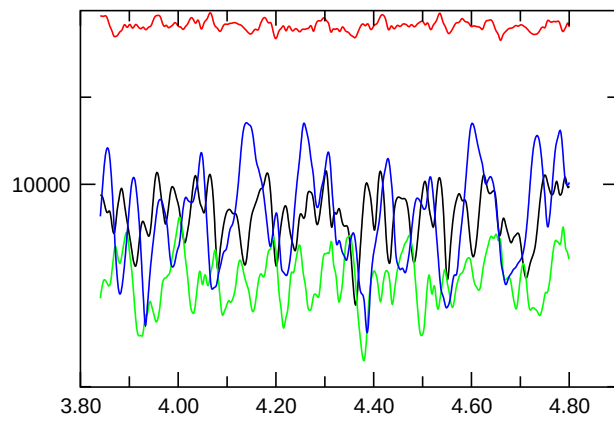
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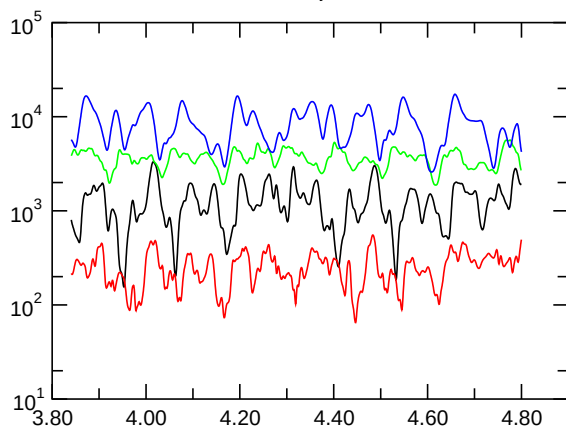
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 E_{kin}



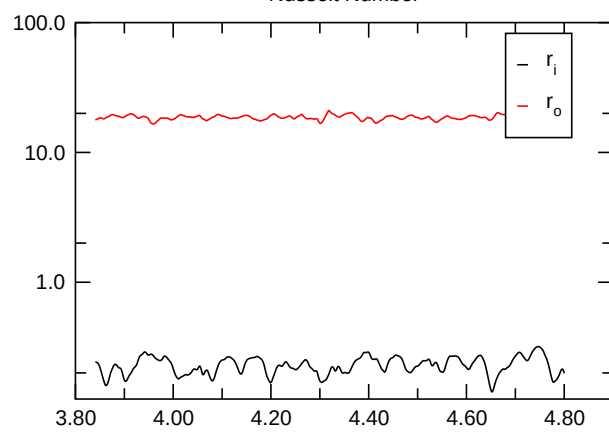
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$E_{\text{kin,asymm.}}$

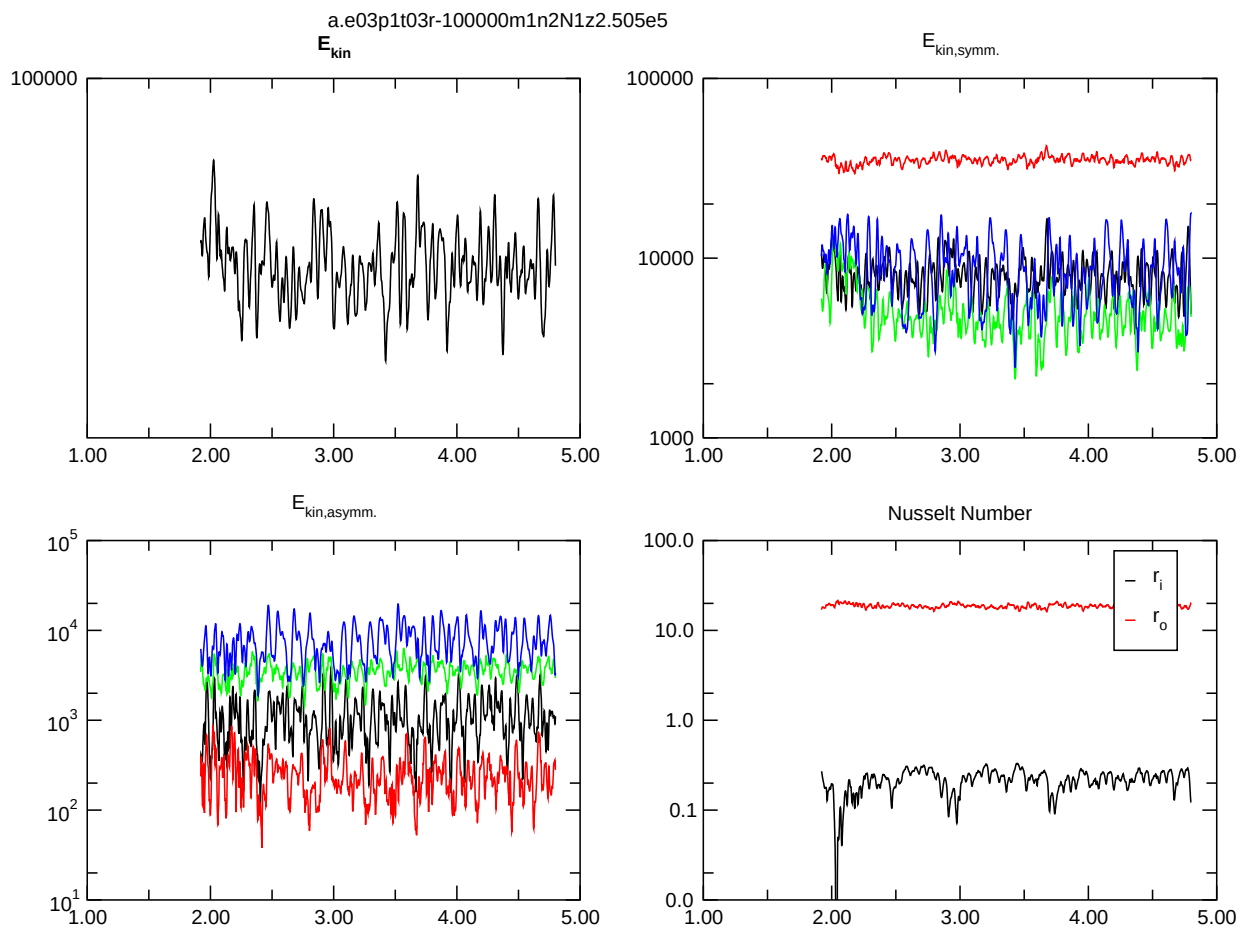
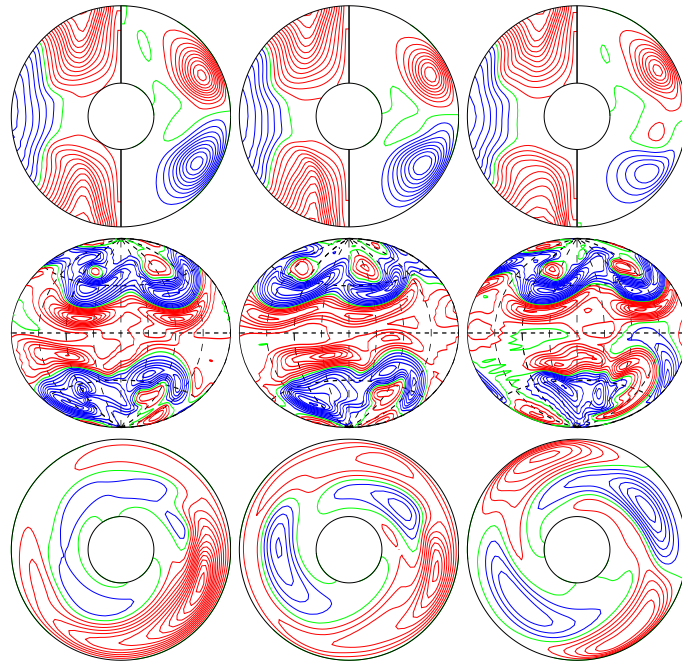


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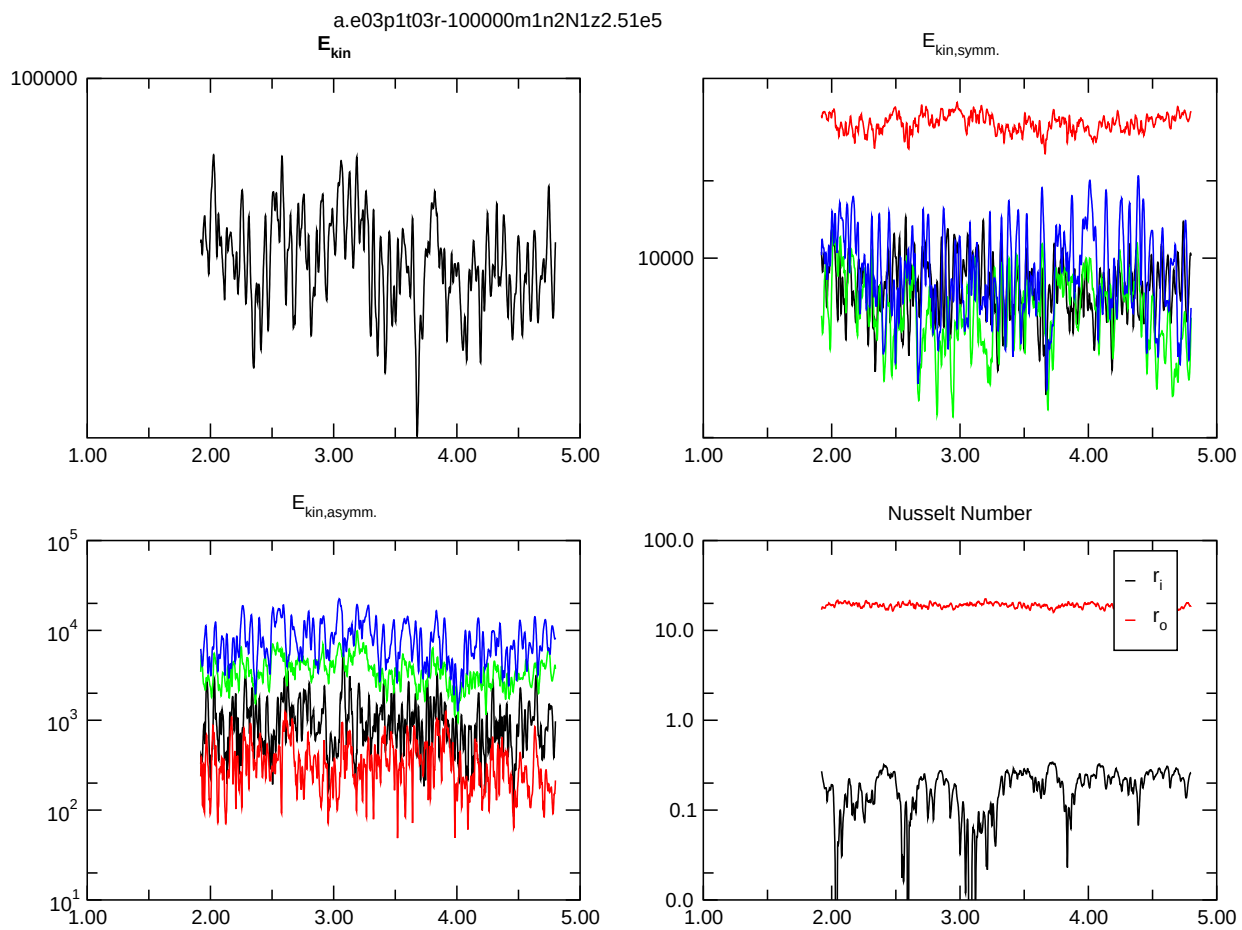
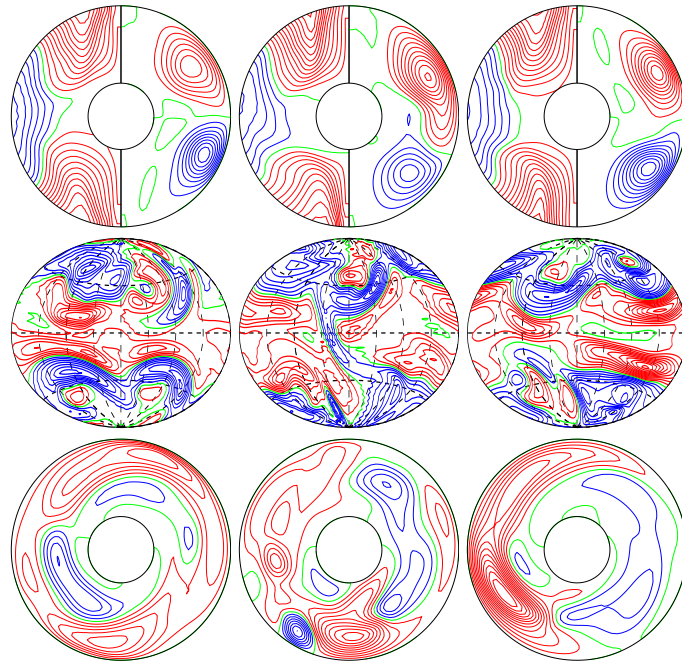
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July 12, 2015



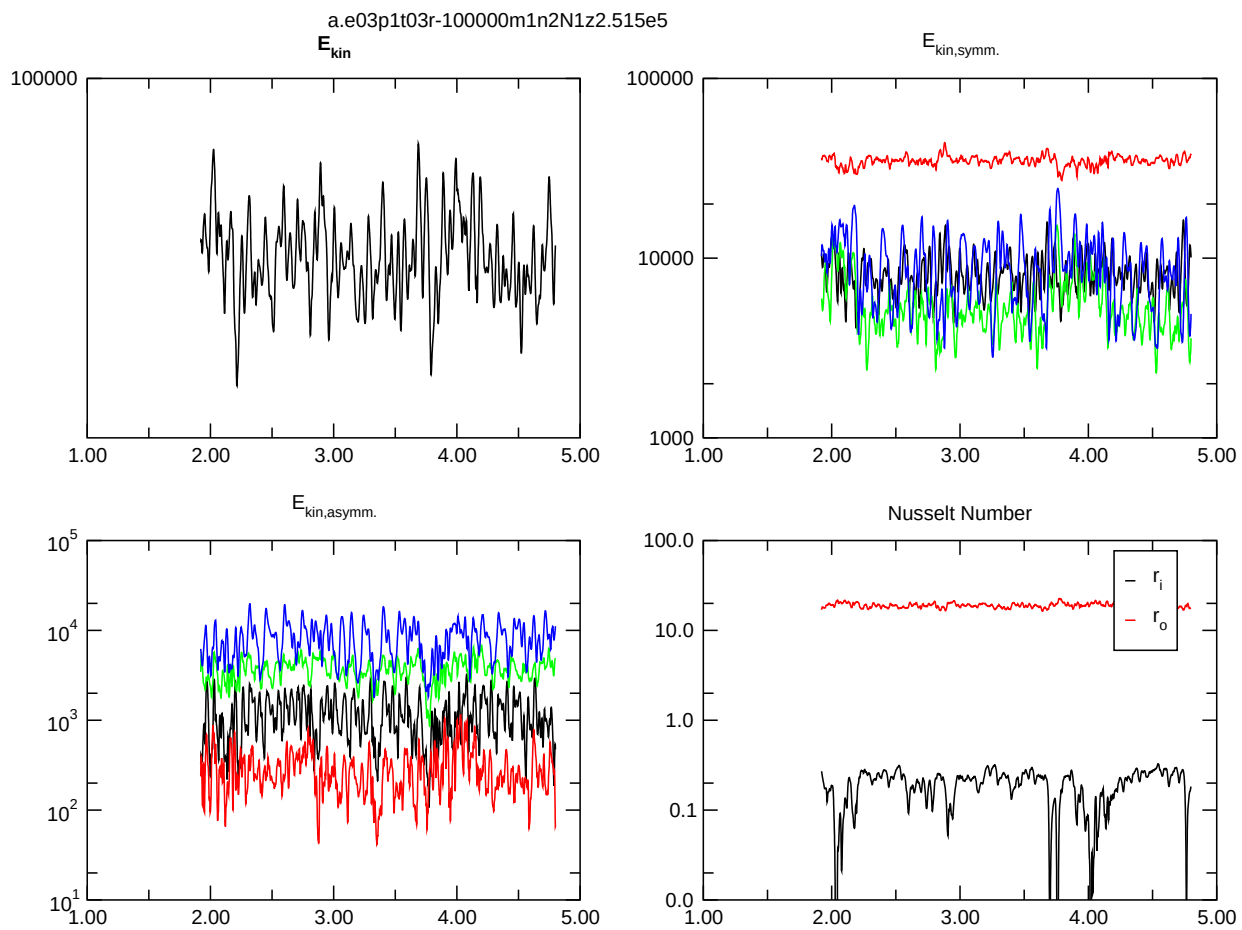
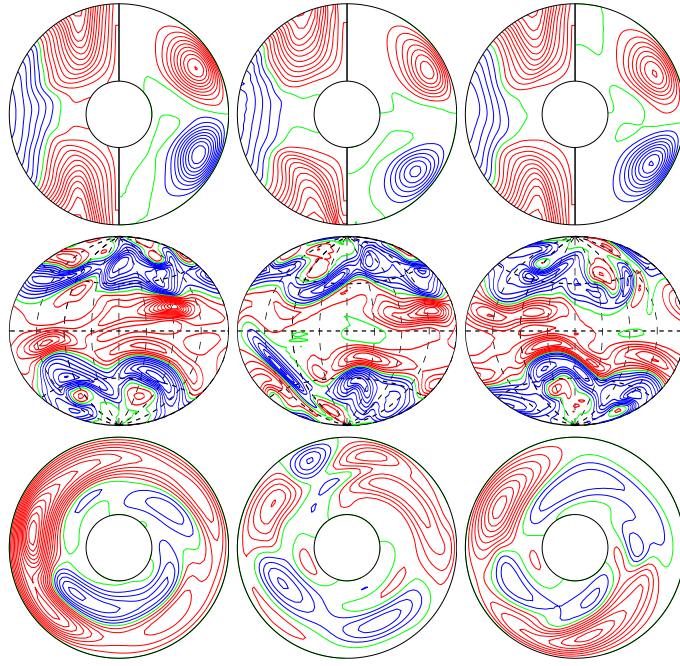
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July 12, 2015



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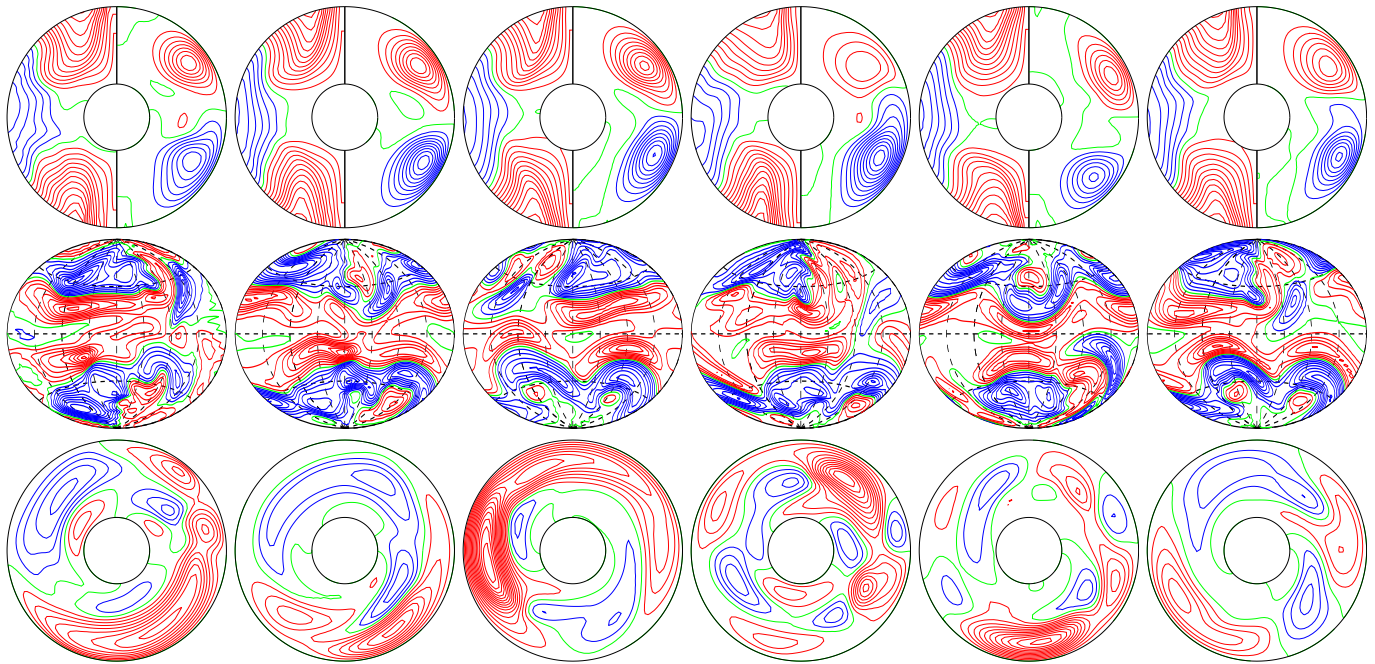
July 12, 2015



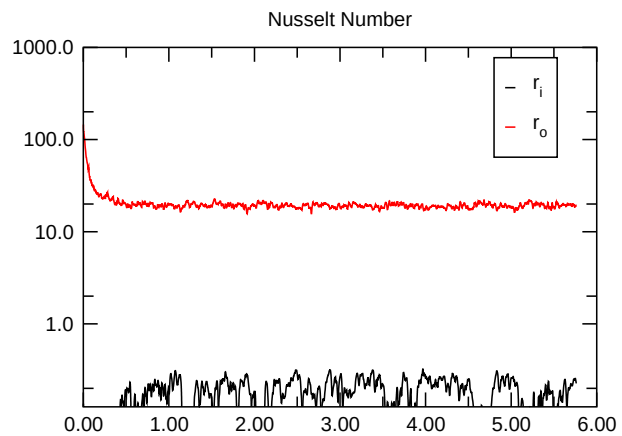
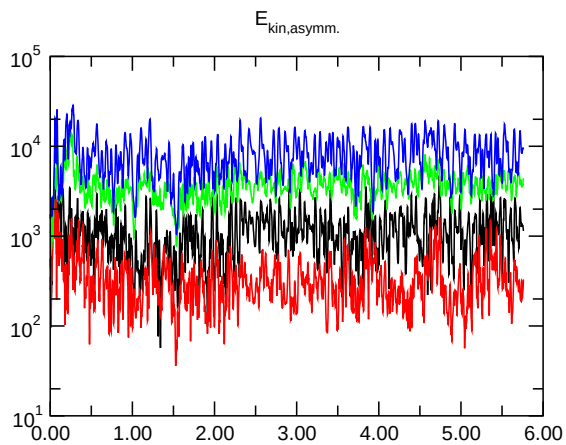
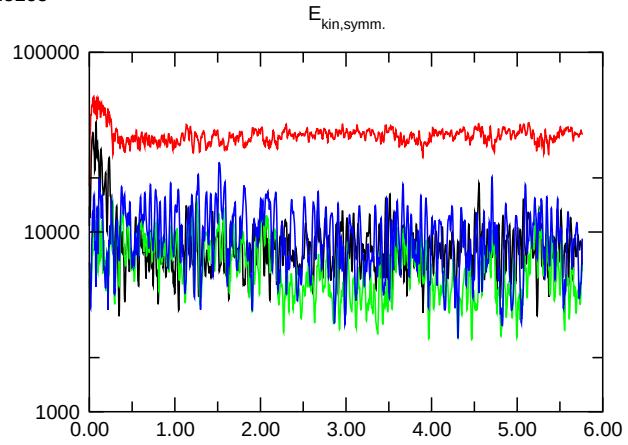
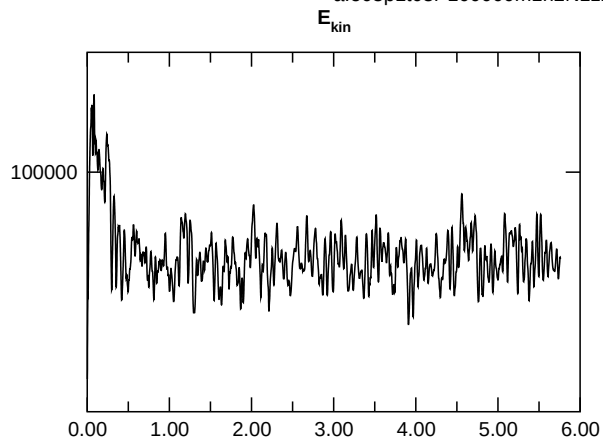
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July 12, 2015

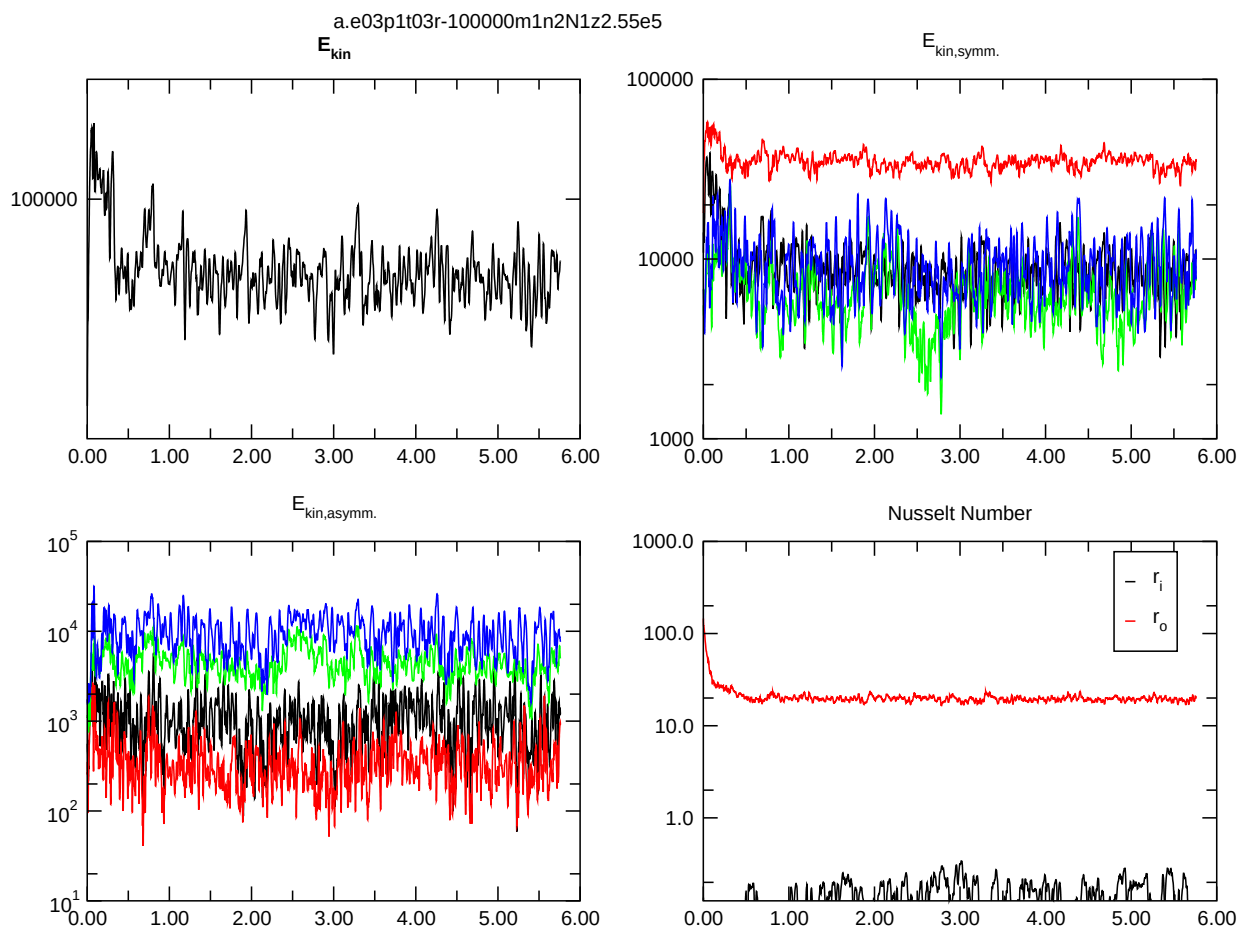
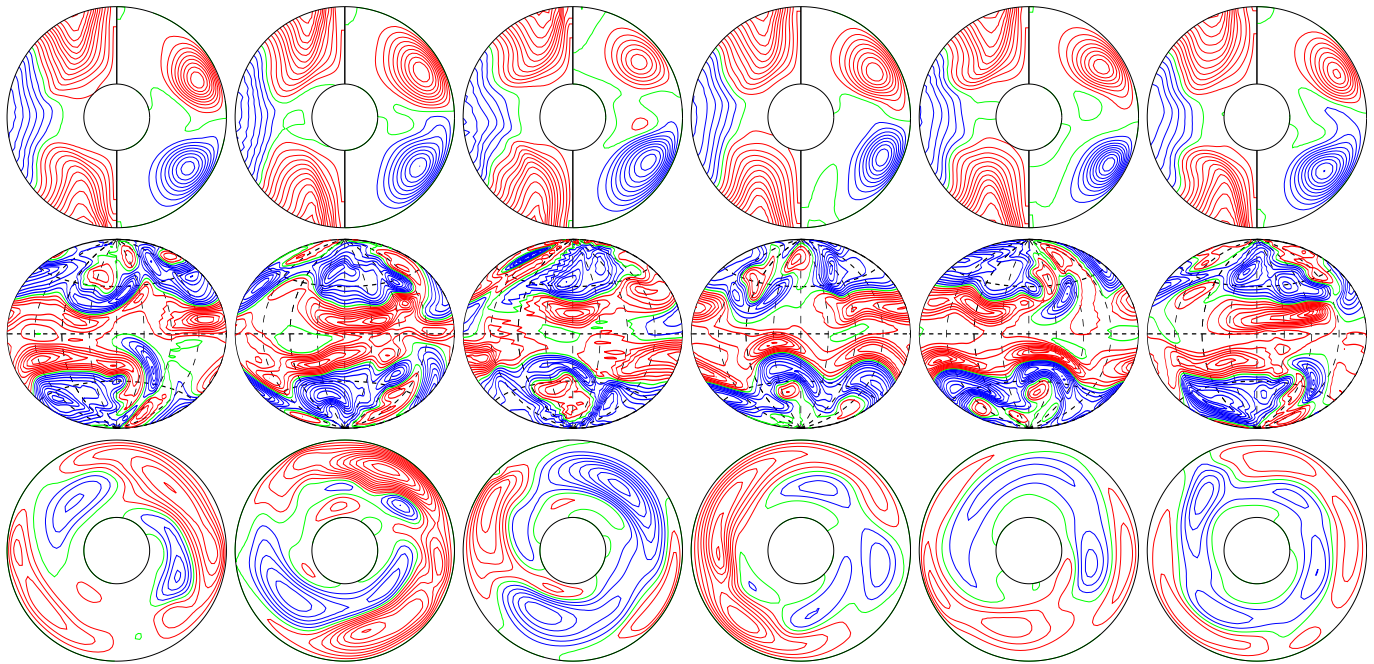


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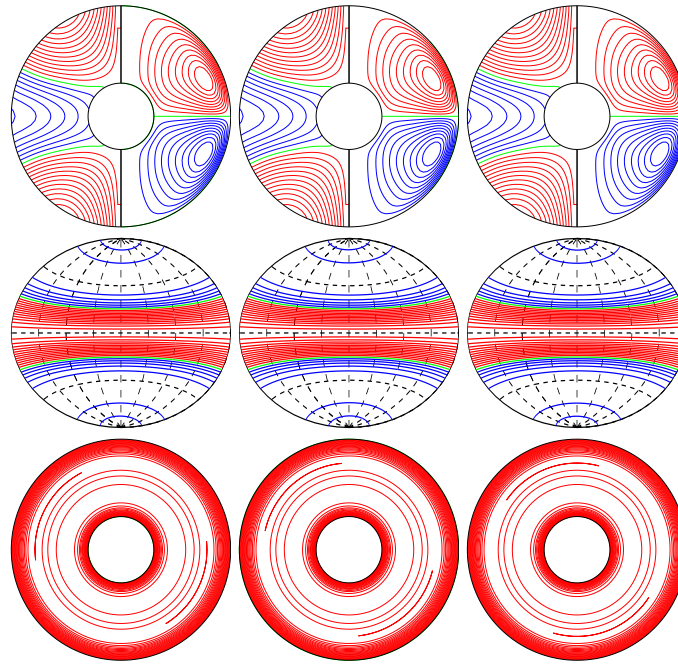
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July 12, 2015

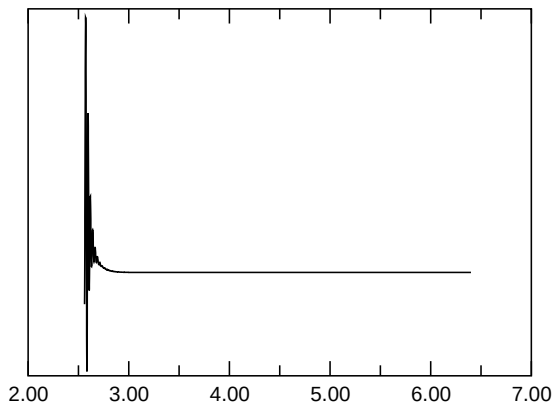


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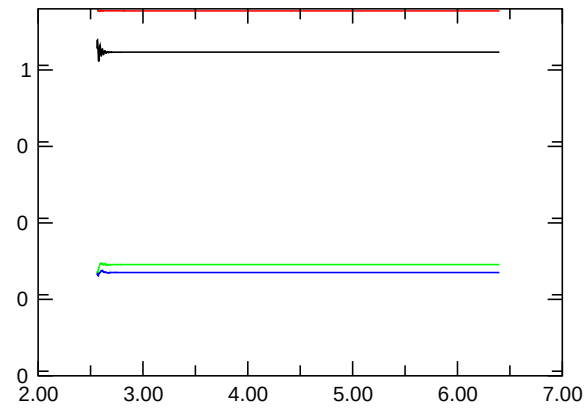
July 12, 2015



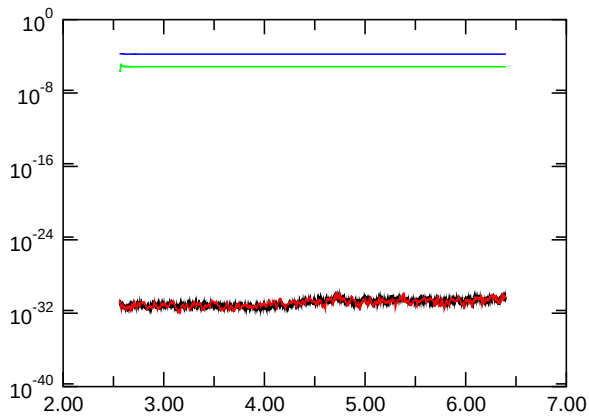
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 E_{kin}



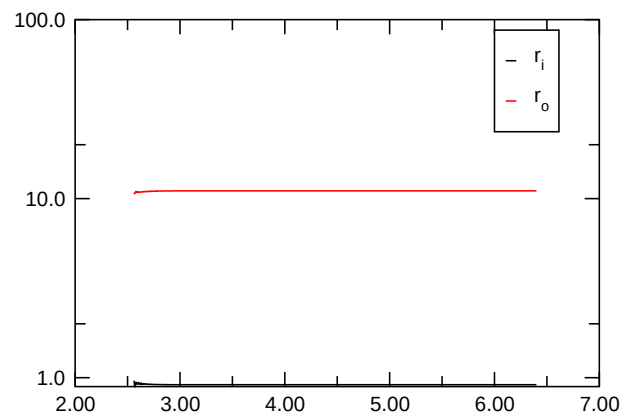
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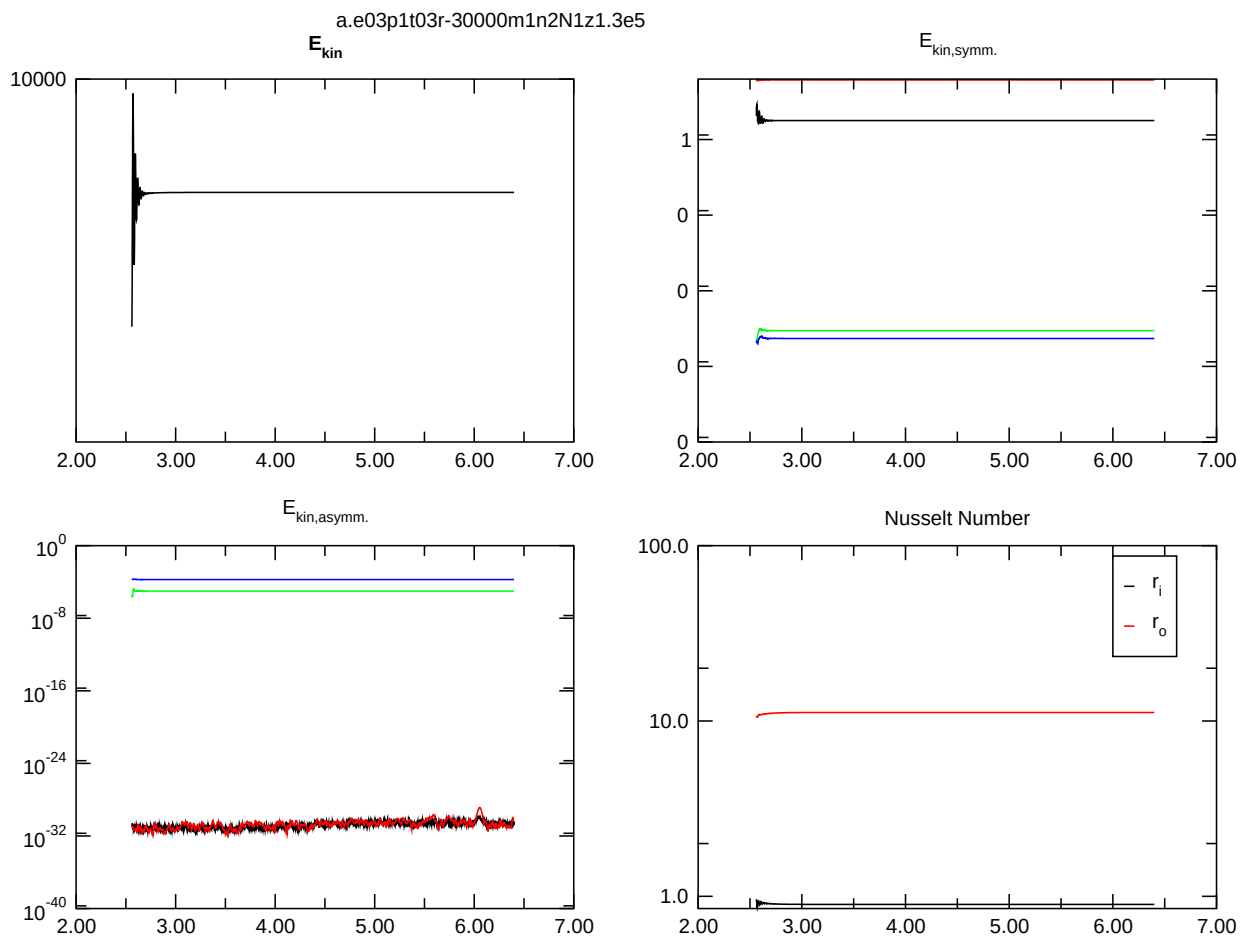
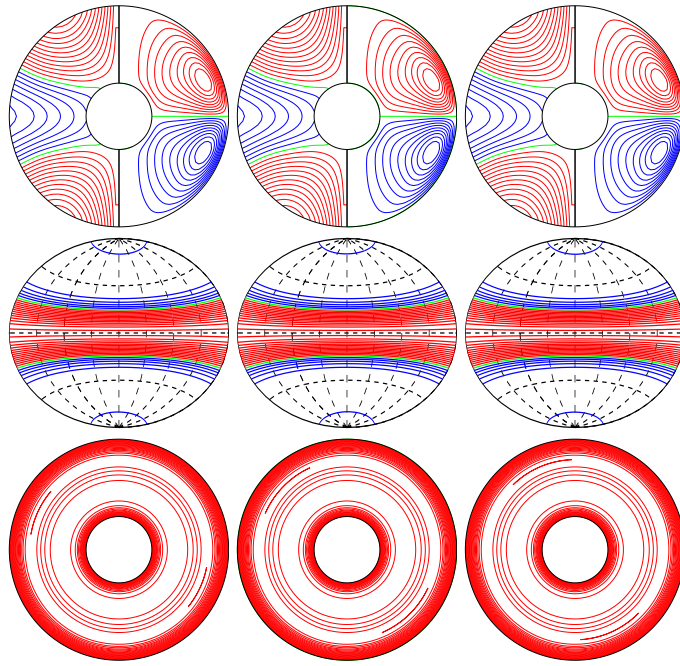


Nusselt Number



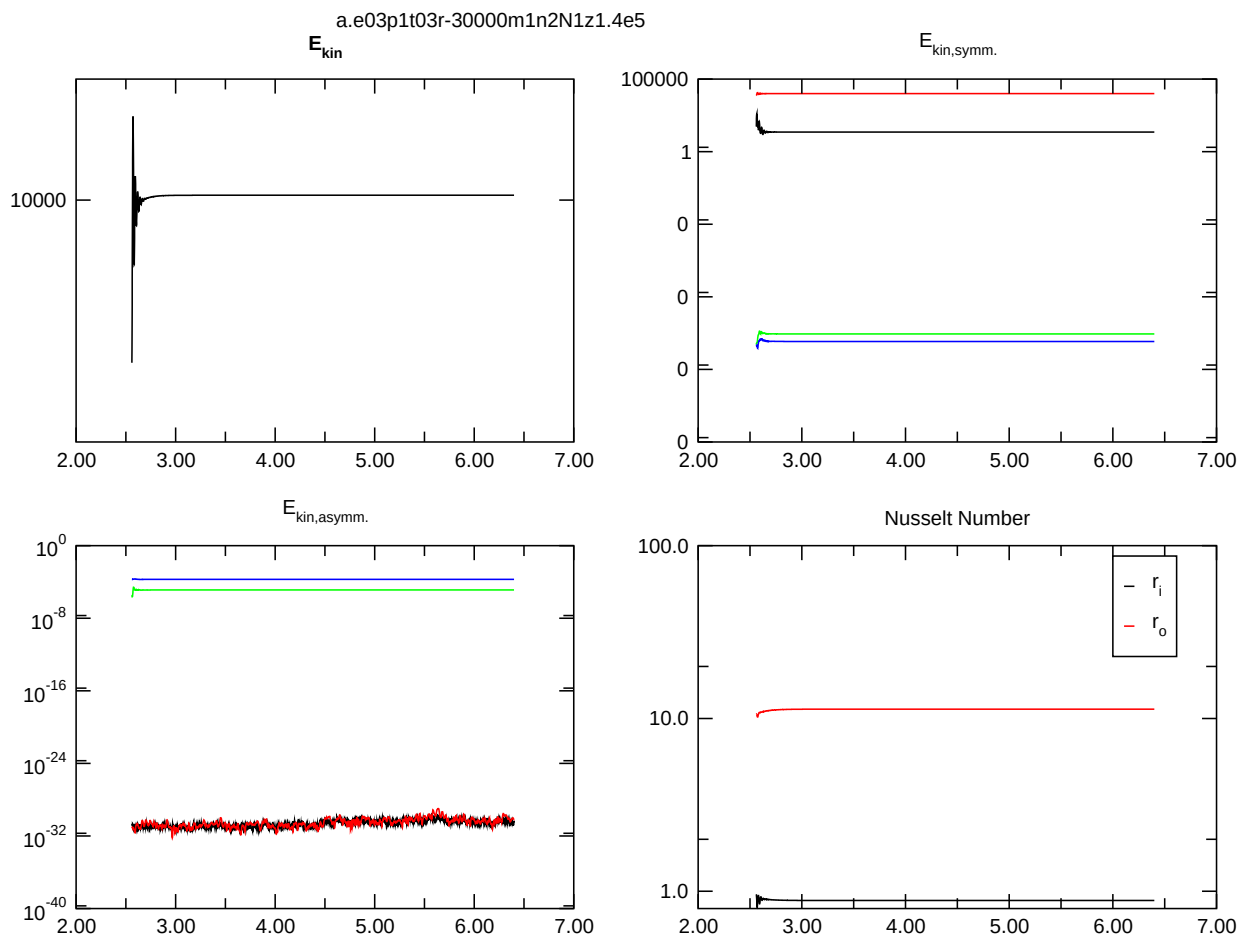
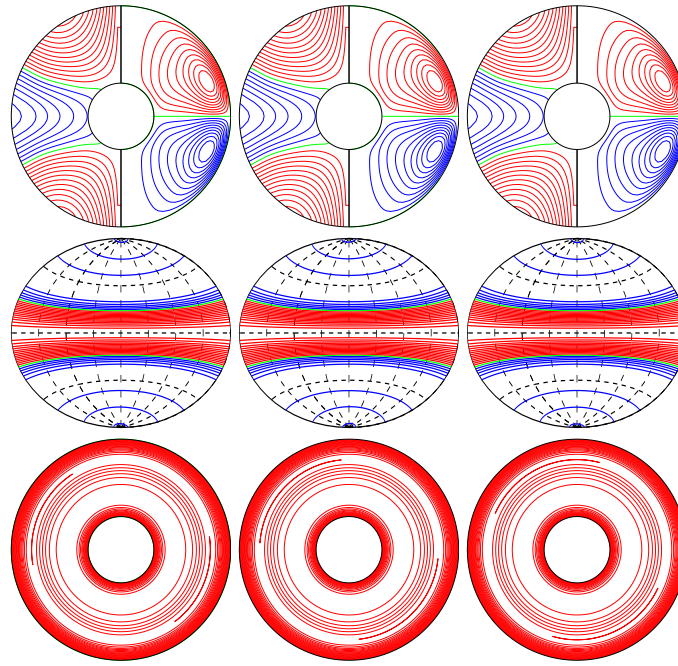
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July 12, 2015



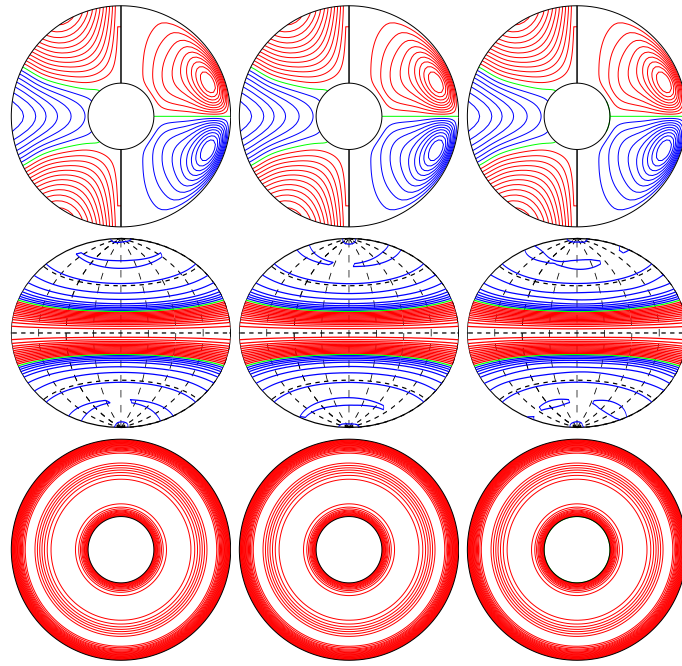
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July 12, 2015

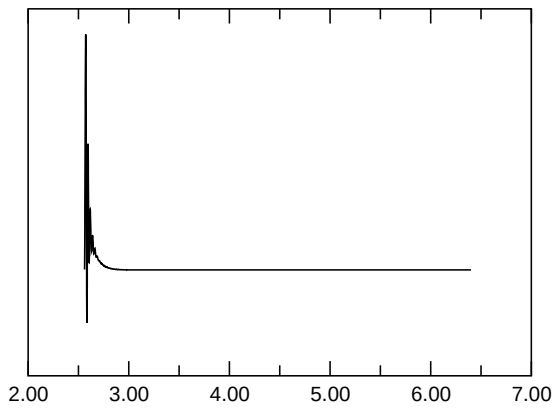


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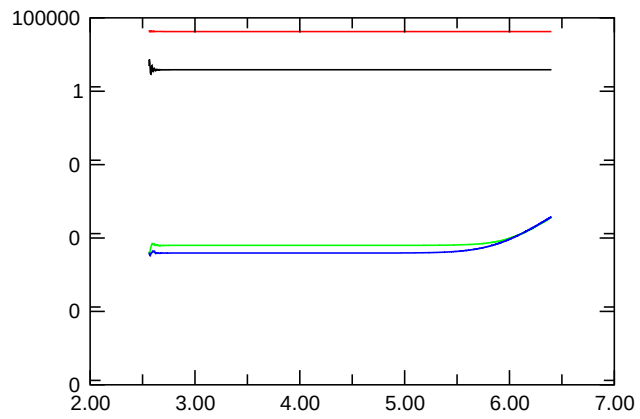
July 12, 2015



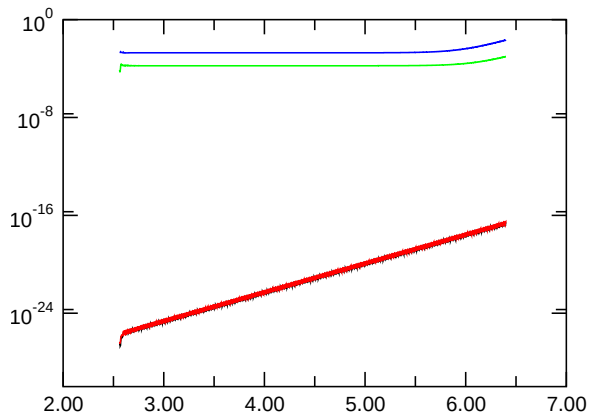
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 E_{kin}



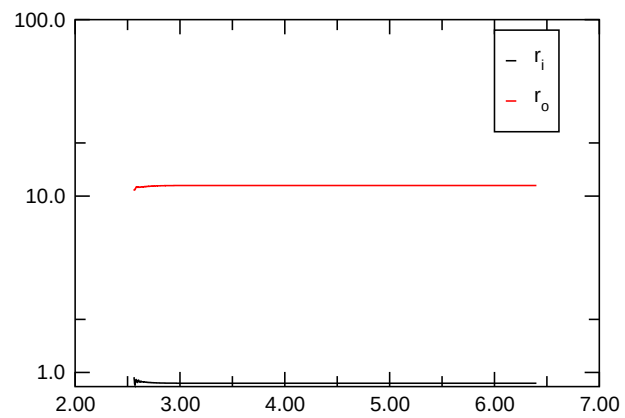
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$E_{\text{kin,asymm.}}$

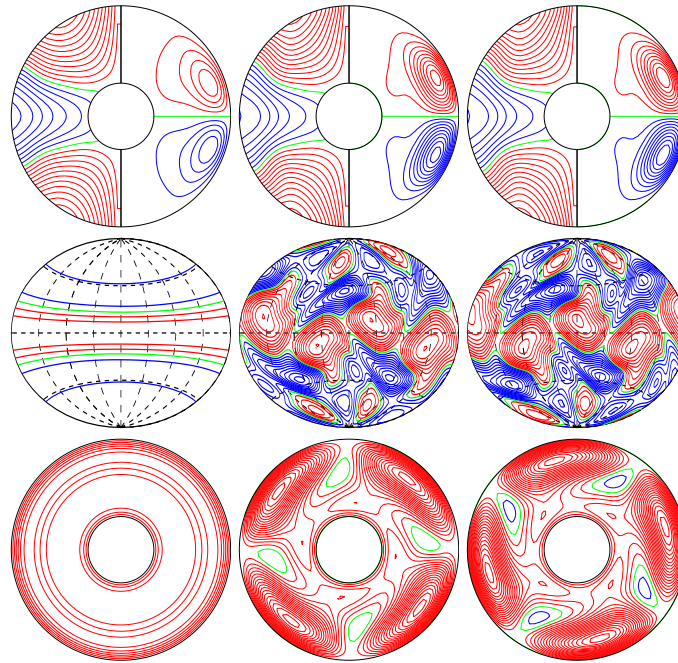


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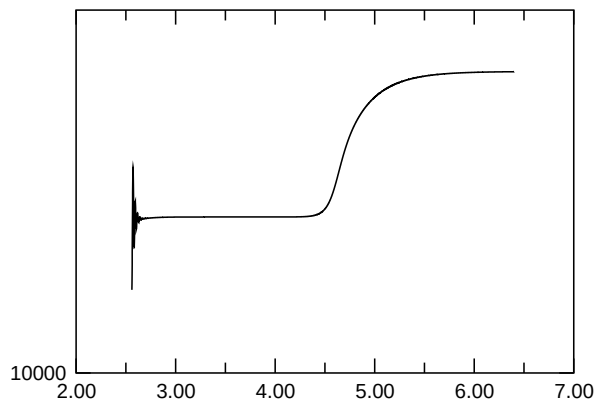


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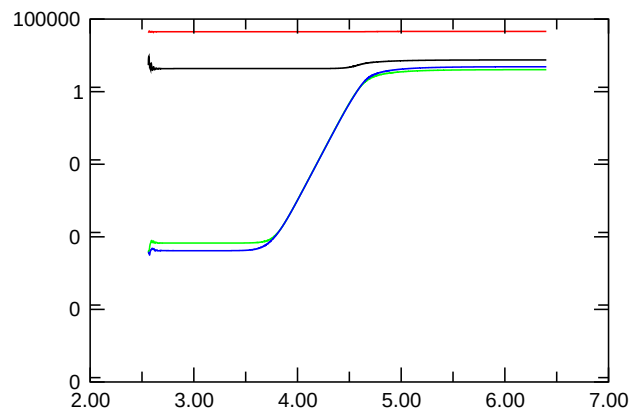
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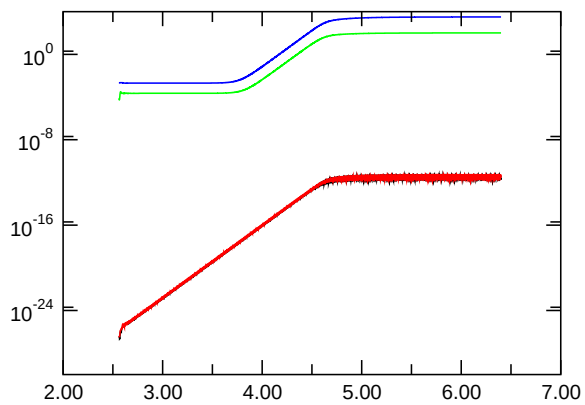
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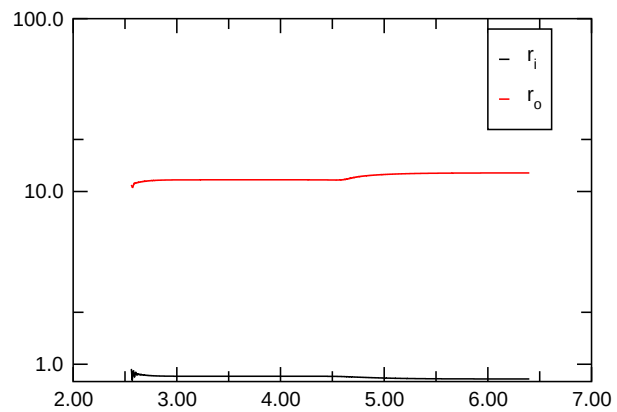
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$E_{\text{kin,asymm.}}$

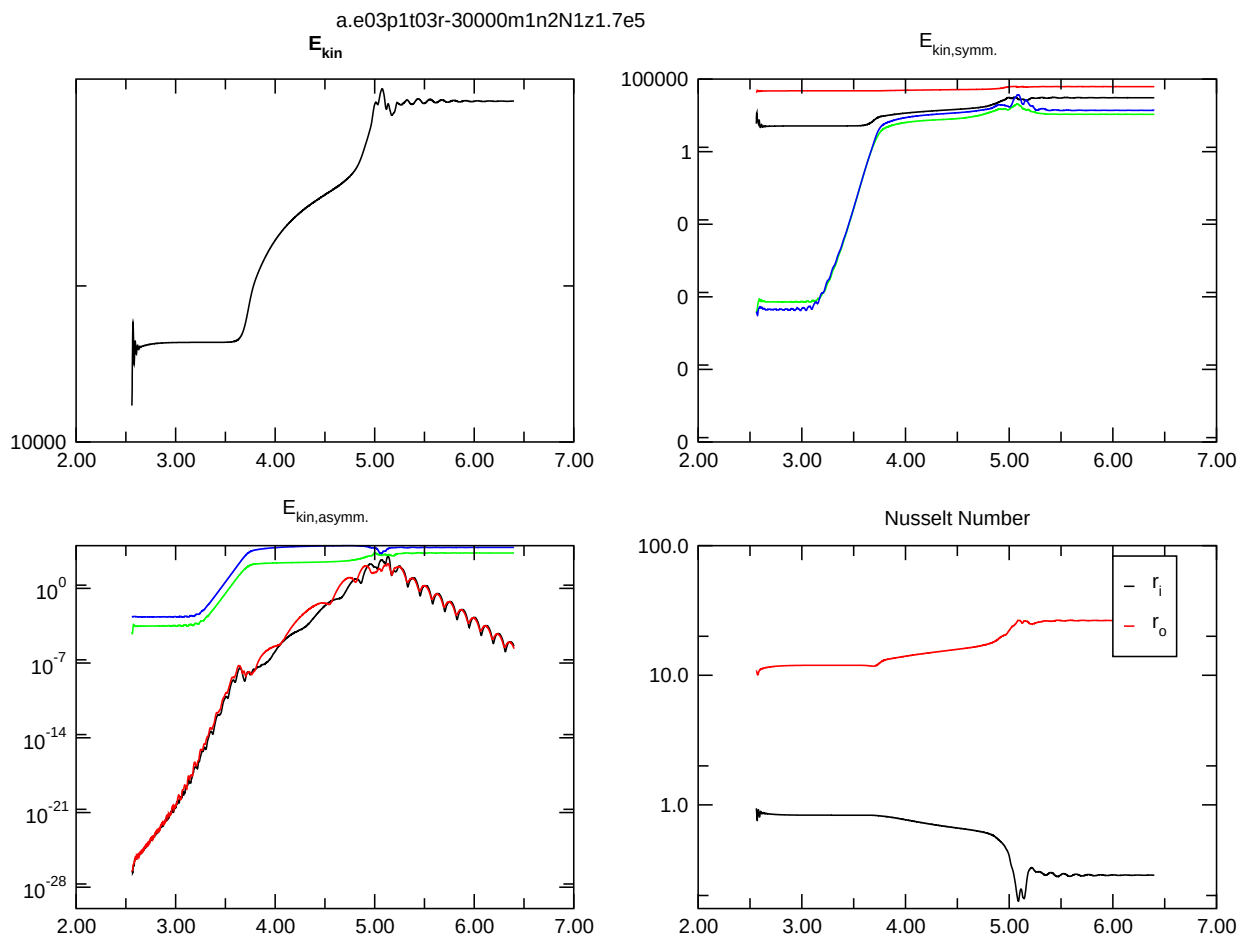
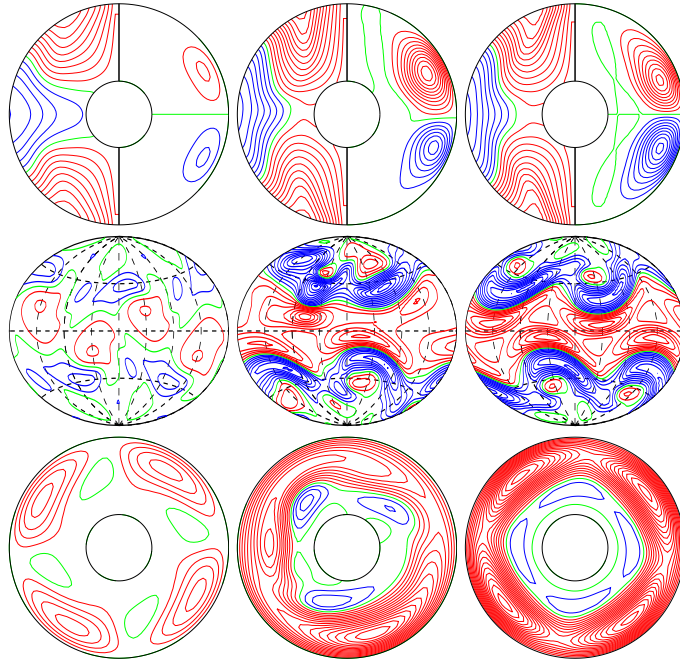


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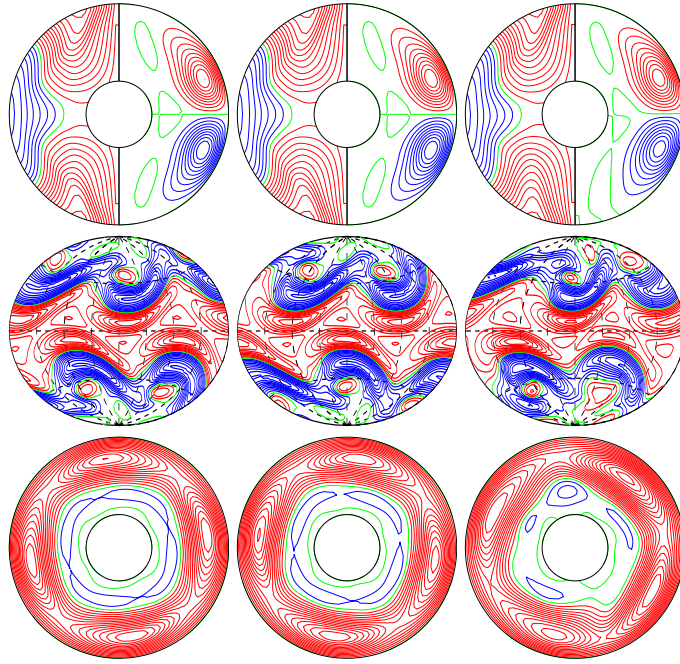
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July 12, 2015

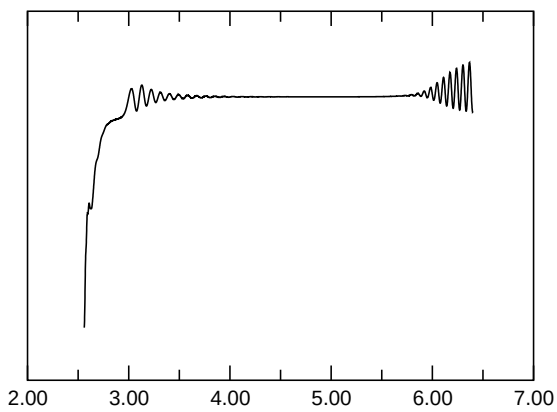


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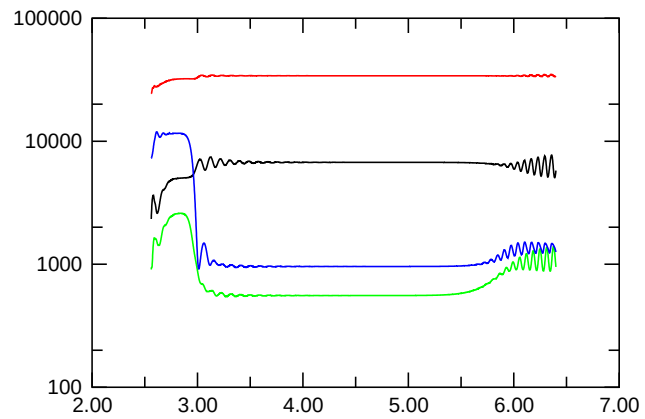
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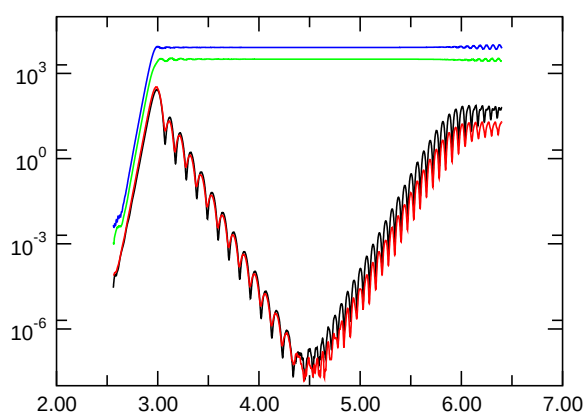
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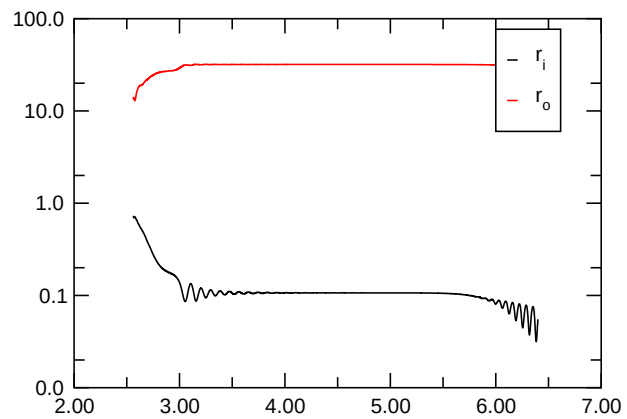
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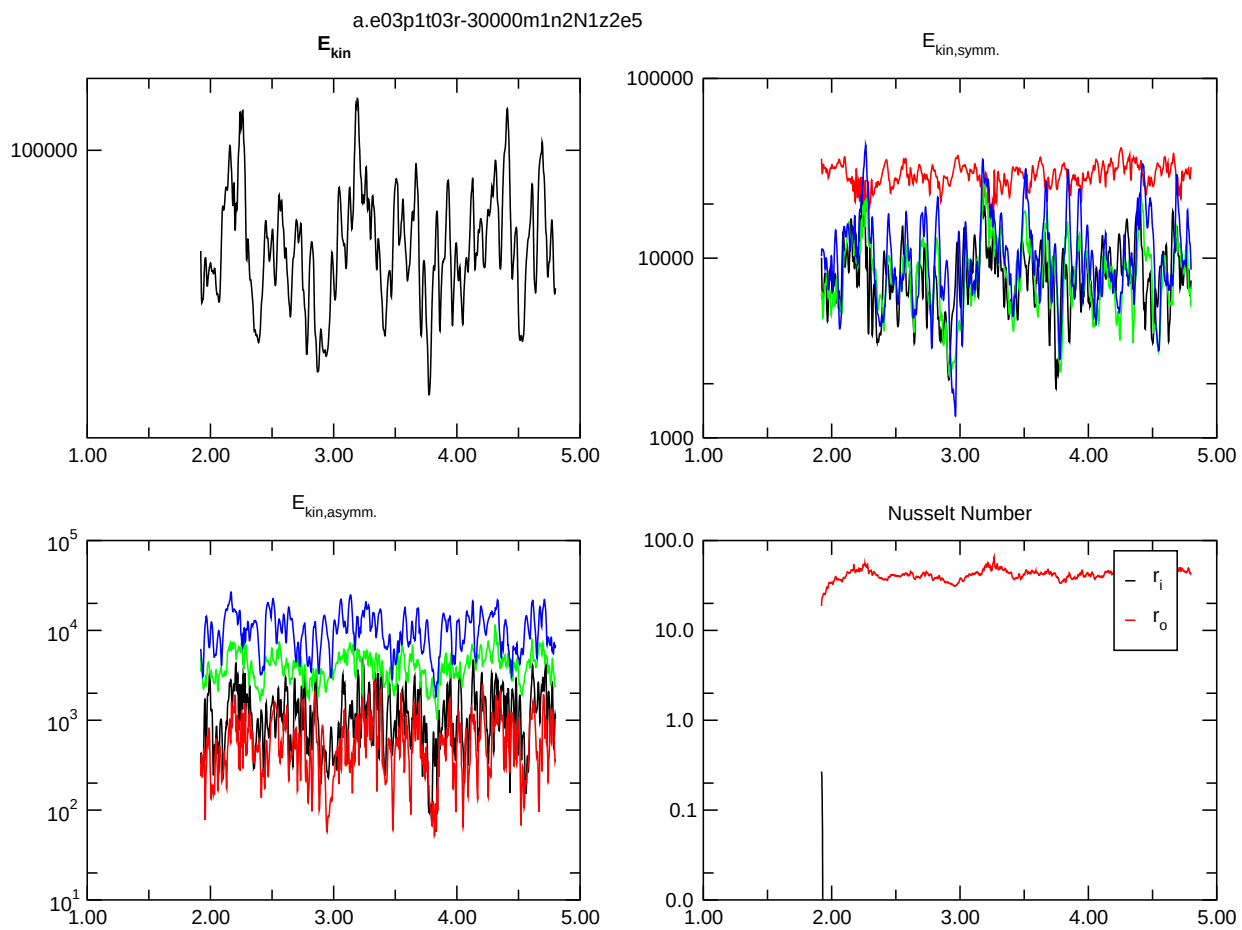
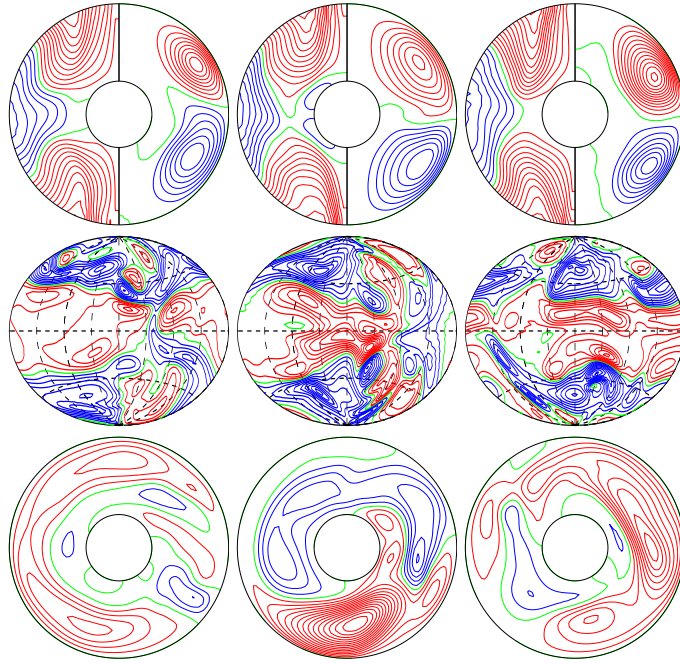


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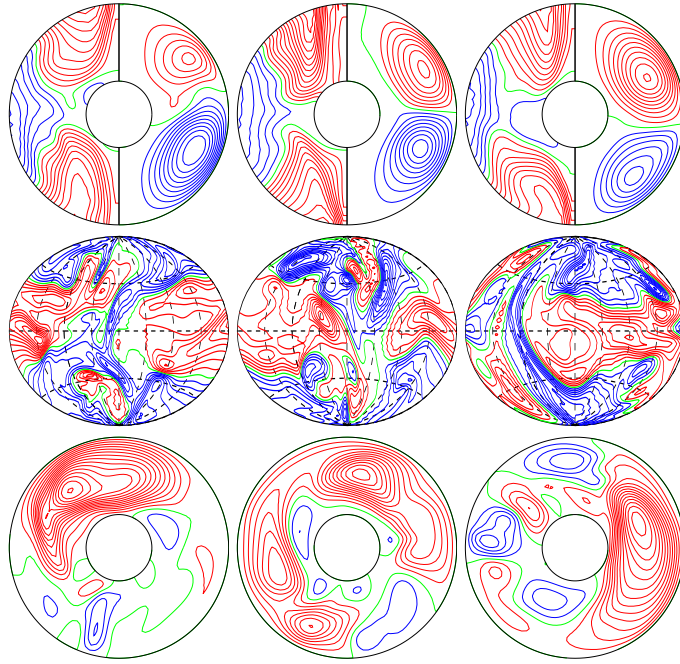
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July 12, 2015

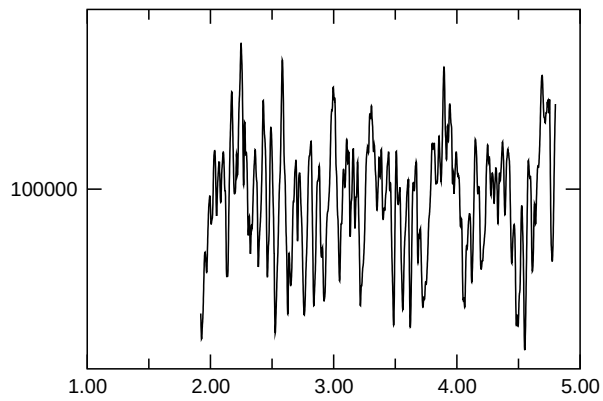


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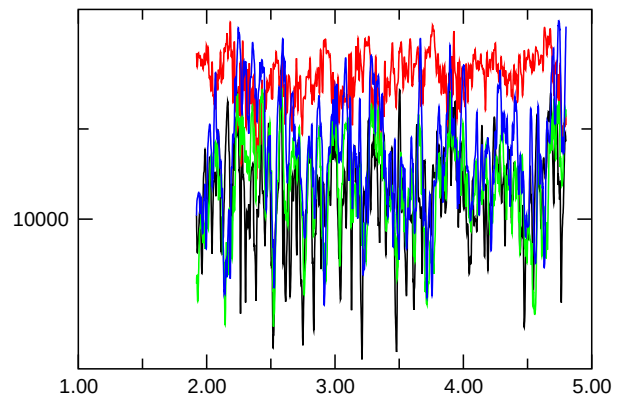
July 12, 2015



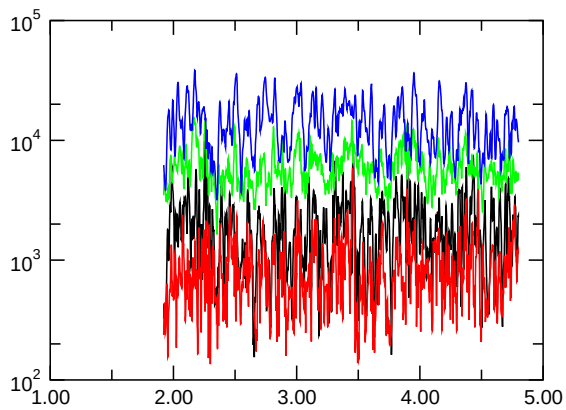
a.e03p1t03r-30000m1n2N1z2.2e5
 E_{kin}



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



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



Nusselt Number

