Solution at t = 1.239 using N = 6820Ψ 1.0 8.0 0.6 0.4 0.2 0.0 C 1.0 8.0 0.6 0.4 0.2 0.0 Velocity 1.00 0.75 0.50 0.25 0.00 0.0 0.5 2.5 3.0 1.0 1.5 2.0 3.5 4.0

12 9

6 3

0

-3 -6

-9 -12

1.0

8.0

0.6

0.4

0.2

0.0

100

80

60

40

20