Plot traces k=1, k\*v0/wp=0.200.4 0.2 0.0 -0.2-0.4\_ \_2 0 Х Energy  $10^{-4}$  $10^{-6}$ energy 10<sup>-8</sup> 10<sup>-10</sup> -

20

10

30

40

time

50

60

total

70

10-12