## Vector DM Merging Soliton Test

## Philip Mocz March 22, 2021

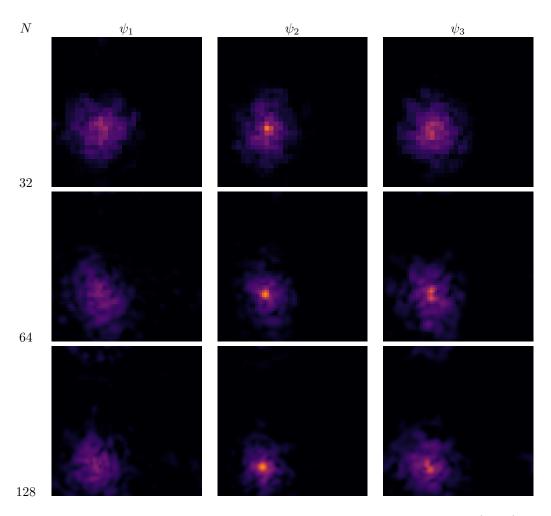


Figure 1: Plot of projected densities at the end of simulation (t = 2).

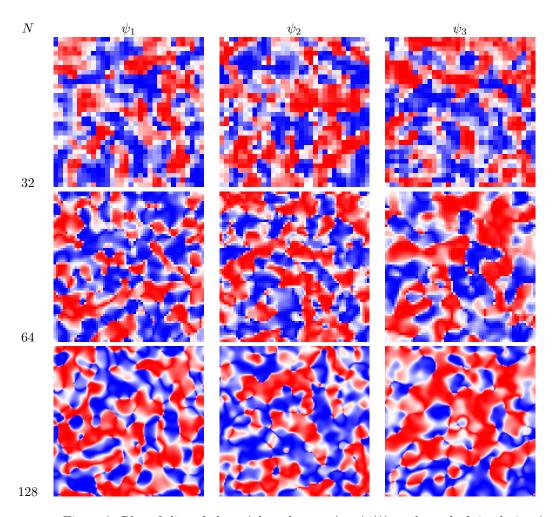


Figure 2: Plot of slice of phase (plotted as  $\cos\left(\arg\left(\psi\right)\right)$ ) at the end of simulation (t=2).

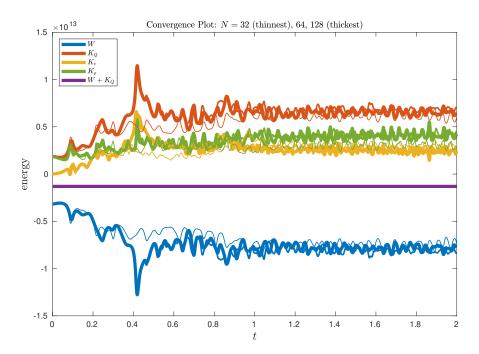


Figure 3: Plot of energies.