

Magnetic reconnection

jet.png Proton reconnection outflow from a simulation ran on 2048 cores with 500 million particles. The magnetic field lines are represented as black solid lines. Upstream plasmas have different densities (factor of 4), different magnetic field orientations (antiparallel) and strength (factor of 1.2). The domain is $400 \delta_x$ by $80 \delta_x$.