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Azimuthal Anisotropy of Unidentified Hadrons at Forward Rapidity in PHENIX at RHIC ERIC RICHARDSON, University of Maryland, PHENIX COLLABORATION — At the Relativistic Heavy Ion Collider (RHIC), where Au nuclei are collided at 200 GeV per nucleon pair, key insights into the bulk properties of the newly formed matter have been made by studying the azimuthal anisotropy (v_2) of the produced particles. Studies of v_2 have shown that the hot dense matter undergoes rapid thermalization and behaves hydrodynamicaly at low p_T. Furthermore, the quark scaling of the v_2 signal for different particle species suggests that thermalization occurs at the quark level and that v_2 is the same for all quark flavors. This analysis will attempt to expand upon these principles by examining the v_2 of unidentified hadrons in the less studied pseudorapidity region of $|1.2| < \eta < |2.0|$ using PHENIX's forward arm detectors. The analysis procedure and results will be explored.

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