

Abstract Submitted
for the HAW09 Meeting of
The American Physical Society

A Report on the BETA Detector Package from SANE JONATHAN MULHOLLAND, University of Virginia, SANE COLLABORATION¹ — The Spin Asymmetries of the Nucleon Experiment measured the parallel and near-perpendicular inclusive double spin asymmetries in an electron scattering experiment using Thomas Jefferson National Laboratory's polarized electron beam and the University of Virginia's polarized frozen ammonia target in Hall C. The experiment ran from January to March of this year, collecting data in a Q^2 region from 2.5 to 6.5 GeV^2 with high Bjorken x . Particle detection was accomplished using the Big Electron Telescope Array (BETA), consisting of a forward hodoscope, a gas Cerenkov detector, a Lucite hodoscope, and a lead glass calorimeter. This talk will be a progress report on the data analysis, discussing the calibration of the SANE detector package and the techniques used for tracking particles with this non-magnetic spectrometer.

¹SANE: Spin Assymetries of the Nucleon Experiment

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Date submitted: 30 Jun 2009

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