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Forward-rapidity π^0 -Charged Particle Correlations at STAR from $p^\uparrow + p$ Collisions at $\sqrt{s} = 200$ GeV JAMES DRACHENBERG, Texas A&M University, STAR COLLABORATION — RHIC experiments have observed large transverse single-spin asymmetries, A_N , in inclusive hadron production at forward rapidity. Extending the analysis beyond inclusive measurements, for example, correlations between produced hadrons at forward rapidities, provides the opportunity to decipher between dynamical contributions to A_N , such as the Collins and Sivers mechanisms. Recent analysis at STAR investigates high pseudorapidity π^0 -charged particle correlations from $\sqrt{s} = 200$ GeV polarized proton collisions. The π^0 's are detected at $2.5 < \eta < 4$ with the Forward Meson Spectrometer, and the charged particles are detected in the same pseudorapidity region with the Forward Time Projection Chamber. The status of the analysis will be discussed.

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