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Direct and Elliptical Flow Comparison at $\sqrt{s_{NN}}$ = 27 GeV.[1] MANUEL ROSALES, Lehigh University — Understanding the appearance and flow development of Quark Gluon Plasma (QGP) is crucial in improving our comprehension of the nearly perfect liquid that permeated the early universe. QGP created in heavy-ion collisions at the Relativistic Heavy Ion Collider (RHIC) has enabled researchers to comprehend the QGP through theoretical models. We present the analysis of anisotropic flow of the quark gluon plasma produced by Gold-Gold ion collisions at $\sqrt{s_{NN}}$ = 27 GeV. In particular direct and elliptical flow comparisons of kaons determined by the Time Projection Chamber (TPC) and the Even Plane Detector (EPD) found at the Solenoid Tracker at RHIC (STAR).

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