

Abstract Submitted  
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**Cross Section Measurement in MIPP** YUSUF GUNAYDIN, University of Iowa, MAIN INJECTOR PARTICLE PRODUCTION EXPERIMENT-FNAL-E907 COLLABORATION — The Main Injector Particle Production (MIPP) Experiment (FNAL-E907) is a fixed target experiment at Fermilab. The purpose of the experiment is to measure hadronic particle production using primary 120 GeV/c protons and secondary  $\pi^\pm$ ,  $K^\pm$ ,  $p^\pm$  beams and target nuclei spanning the periodic table from hydrogen to uranium. Particle identification uses a Time Projection Chamber (TPC), Time of Flight (TOF), Threshold Cherenkov (Ckov), and Ring Imaging Cherenkov (RICH) detectors in a wide range of particle momenta from 5 GeV/c up to 120 GeV/c. We present the status of data analysis to determine cross sections of 58 GeV/c  $\pi/K/p$  beams on a thin carbon target.

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