

June 8, 2011

Comparison with HARP-CDP and HARP-Forward

K. Gallmeister* and J. Weil

Institut für Theoretische Physik, Universität Giessen, Germany

This is a comparison of the GiBUU results with the HARP-CDP data and HARP data for forward angles.

*Electronic address: Kai.Gallmeister@theo.physik.uni-giessen.de

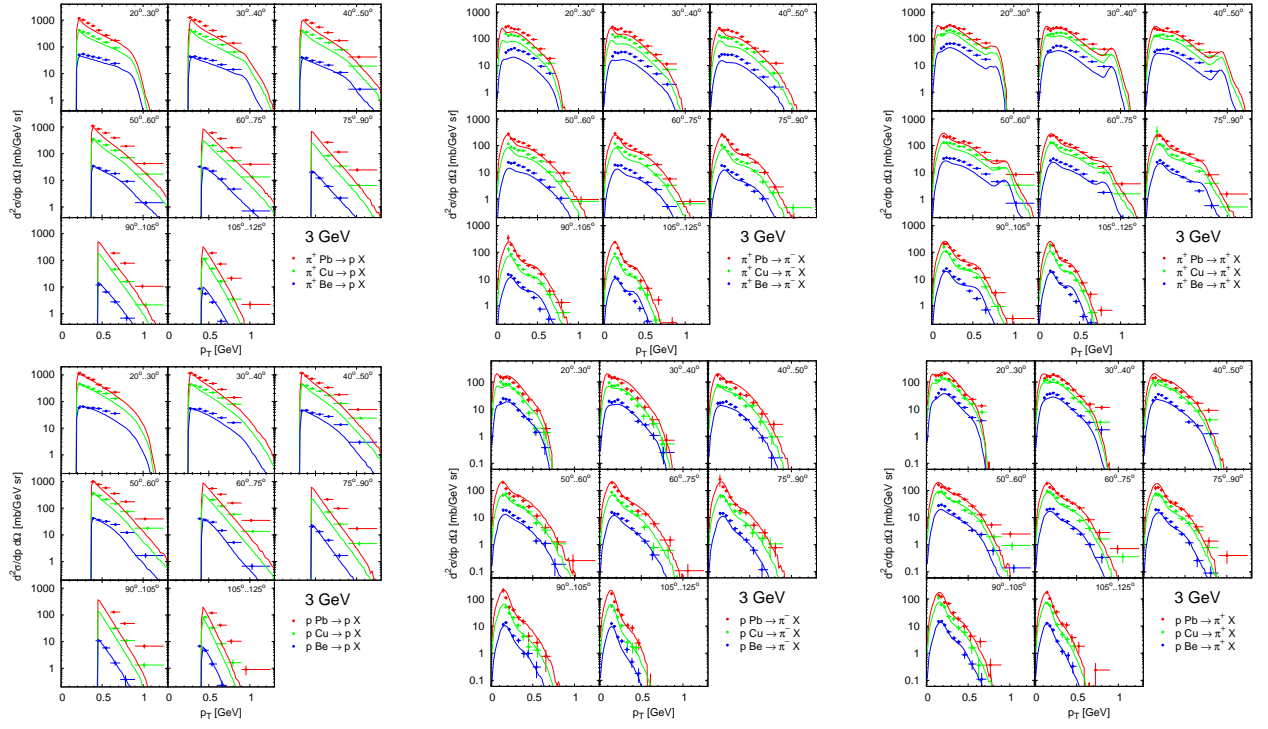


FIG. 1: The cross section of the HARP-CPD, large angle analysis for 3 GeV beam energy (top: π^+ beam, bottom: p beam.)

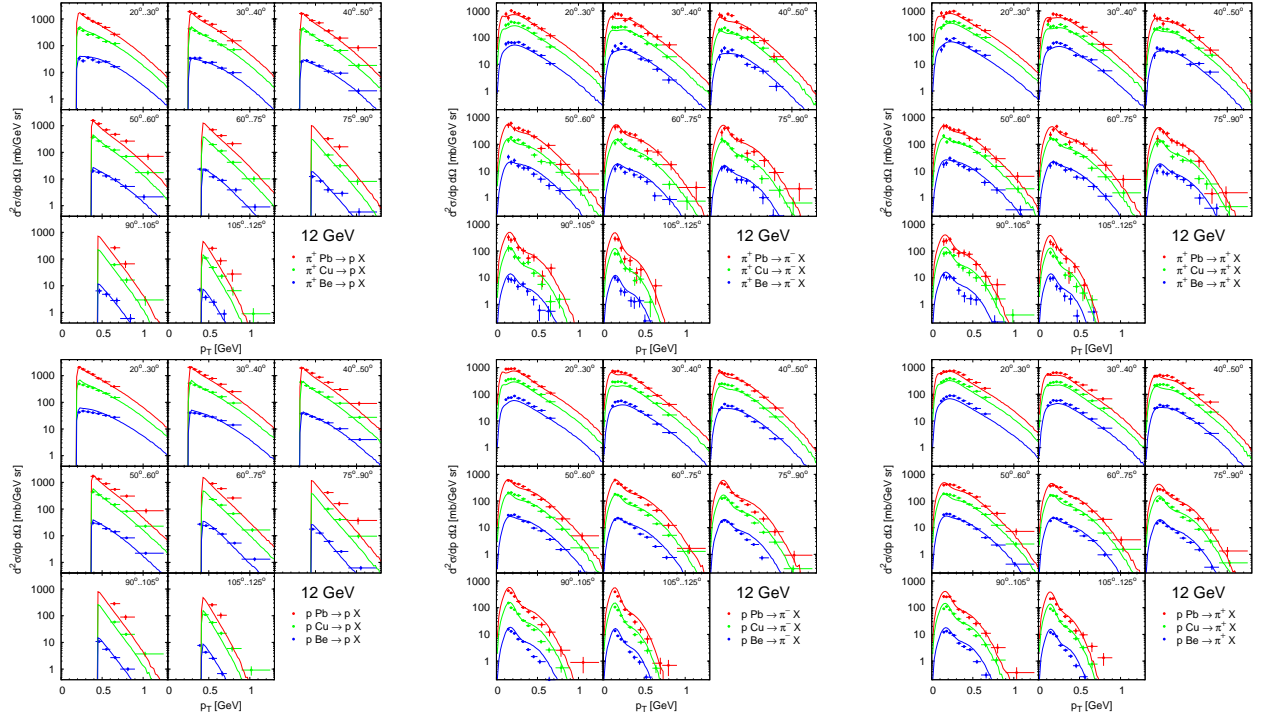


FIG. 2: The cross section of the HARP-CPD, large angle analysis for 12 GeV beam energy (top: π^+ beam, bottom: p beam.)

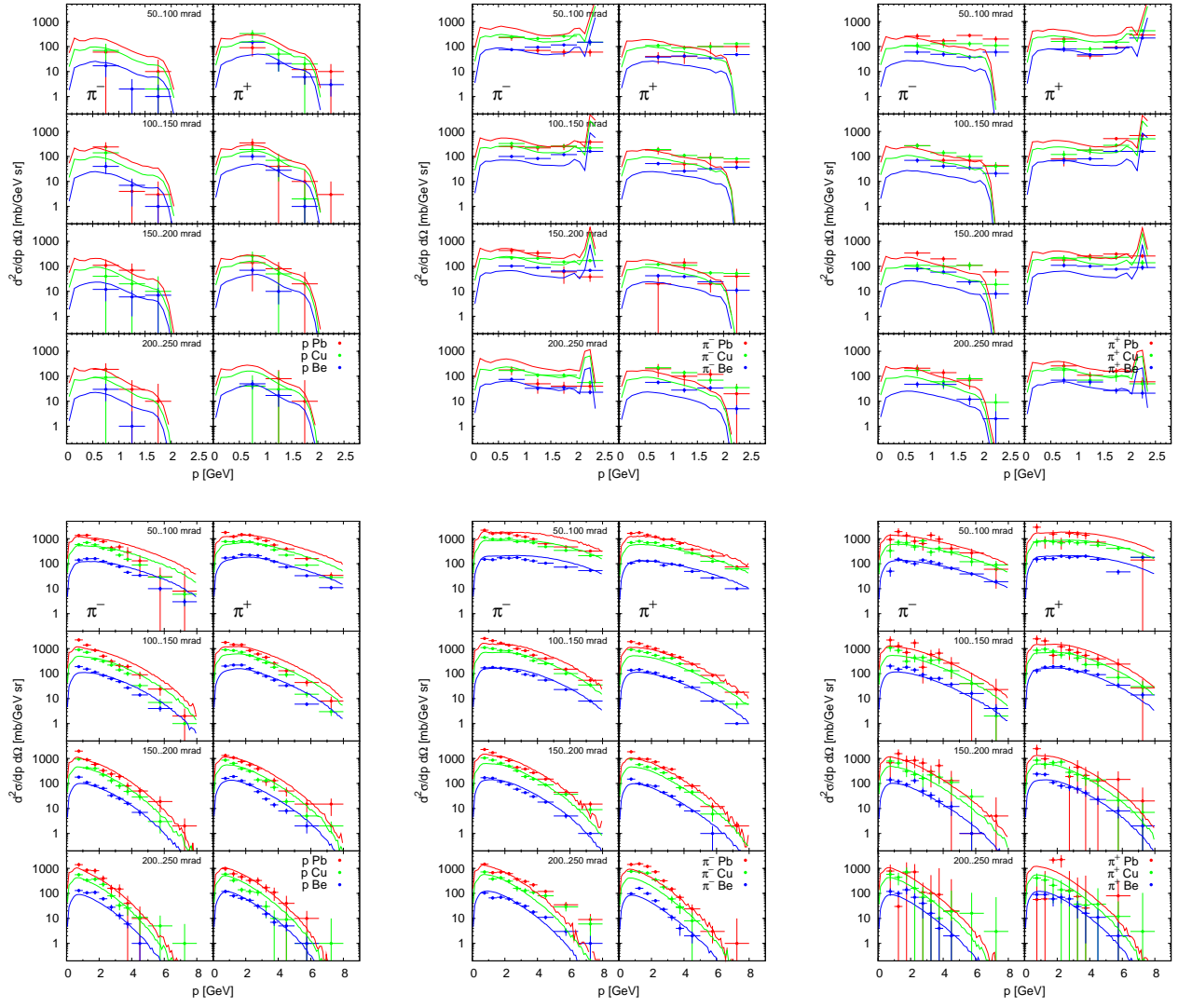


FIG. 3: The cross section of the HARP small angle analysis for 3 GeV (top) and 12 GeV beam energy (bottom) with p beam (left), π^- (middle) and π^+ beam (right).

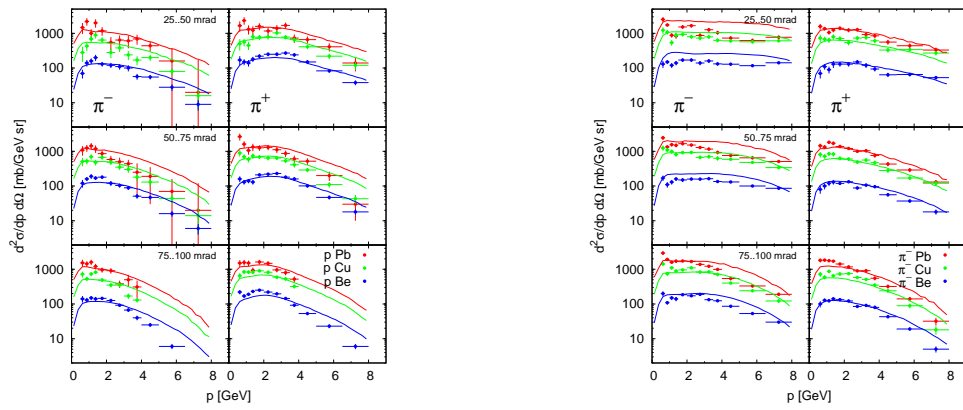


FIG. 4: The cross section of the HARP small angle analysis for 12 GeV beam energy (bottom) with p beam (left) and π^- (right) for the extreme small angles.