

Beam Spin Asymmetries from Exclusive π^+N Electroproduction

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1 Introduction

This section discusses the history of 1-D and 3-D measurement in DIS. It also discusses the cross section for exclusive electroproduction and points out the term we will be accessing with this beam spin asymmetry measurement.

2 Experiment

This section will briefly state facts about the CLAS detector as well as CEBAF. It will then discuss electron and pion identification.

3 Data Analysis

This section will discuss the calculation of BSA's and the fitting procedure.

4 Systematic Errors

This section will discuss systematic errors in the measurement.

5 Results

This section will display the final results for the BSA. We will also compare to previously measured results, as well as compare to theory if any is available.