

XX International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 35

Type: **not specified**

QCD NLO analysis of inclusive, charm and jet data (HERAPDF 1.7)

Tuesday 27 March 2012 10:10 (25 minutes)

A preliminary global NLO QCD analysis of the HERA data is presented.

The following data sets are used in this analysis:

the NC and CC inclusive DIS cross sections obtained from the combination of the measurements from H1 and ZEUS based on HERA I and HERA II data at the nominal proton beam energy, the preliminary combined inclusive NC DIS cross sections at reduced proton beam energies, the inclusive jet cross sections from H1 and ZEUS and the preliminary combined HERA results on the structure function $F_2(\text{charm})$.

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Session Classification: Structure functions

Track Classification: Structure functions