

Erratum

Measurement of $D^{*\pm}$ production and the charm contribution to F_2 in deep inelastic scattering at HERA

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After online-first publication we discovered an error in Fig. 9. The correct figure should read as follows.

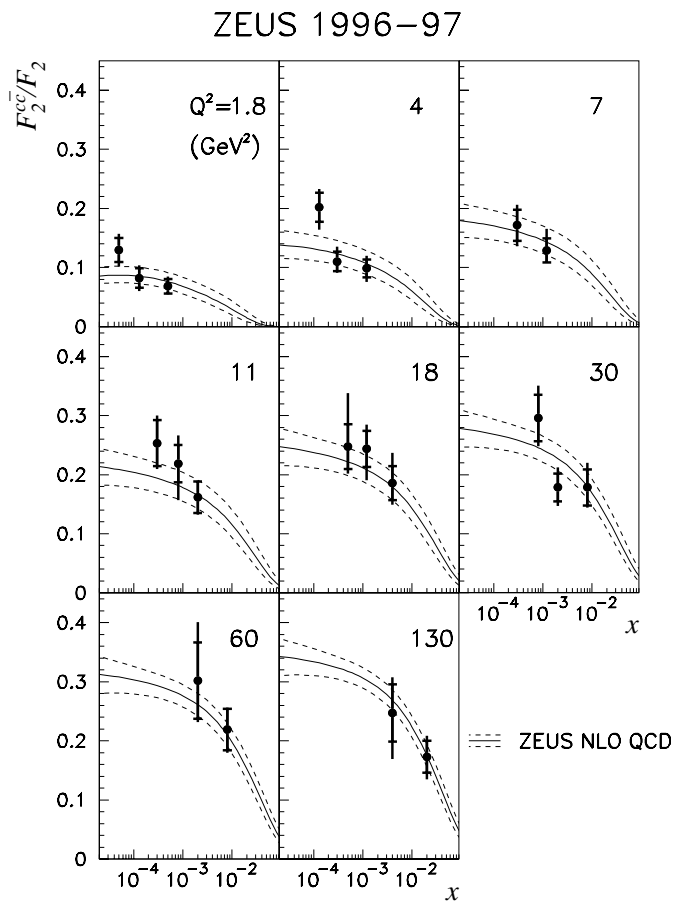


Fig. 9. The ratio of $F_2^{c\bar{c}}$ to F_2 at Q^2 values between 1.8 and 130 GeV^2 as a function of x . The ratio is calculated using the $F_2^{c\bar{c}}$ values measured in this analysis and the ZEUS NLO QCD fit to F_2 [36]. The inner error bars show the statistical uncertainty and the outer ones show the statistical and systematic uncertainties summed in quadrature. The curves correspond to the NLO QCD calculation [7,45] using the result of the ZEUS NLO QCD fit to F_2 [41]. The solid curves correspond to the central values and the dashed curves give the uncertainty due to the parton distributions from the ZEUS NLO fit. Details of this calculation are given in the text. The overall normalization uncertainties arising from the luminosity measurement ($\pm 1.65\%$), the $D^{*\pm}$ and D^0 decay branching ratios, the charm hadronization fraction to D^{*+} ($\pm 9\%$) and the extrapolation uncertainties (see text) are not included