

# Measurements of the longitudinal proton structure function at HERA

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The reduced cross sections for ep deep inelastic scattering have been measured with the ZEUS and H1 detectors at HERA at three different centre-of-mass energies, 318, 251 and 225 GeV. From the cross sections, measured double differentially in Bjorken  $x$  and the virtuality,  $Q^2$ , the proton structure functions  $F_L$  and  $F_2$  have been extracted in a wide kinematic region. The measurements are compared with NLO QCD predictions.

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