

PROBING PROTON STRUCTURE  
IN HIGH-ENERGY  $ep$  COLLISIONS

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S u m m a r y

Measurements of the cross sections for charged and neutral current deep inelastic scattering at HERA are presented. The proton structure functions  $F_2$ ,  $F_L$  and  $xF_3$  are extracted from the measured neutral current cross sections and found to be in agreement with the Standard Model expectations. The measured cross sections are used as input to next-to-leading order QCD analyses to extract the parton distribution functions in the proton.