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Inclusive-jet production in photoproduction with HERA II

Content :
Differential inclusive-jet cross sections have been measured in photoproduction for boson virtualities $Q^2 < 1$ GeV^2 with the ZEUS detector at HERA using an integrated luminosity of 300 pb^{-1}. Jets were identified in the laboratory using the kt cluster algorithm in the longitudinally inclusive mode. Single-differential cross sections are presented as functions of the jet pseudorapidity, etajet, and the jet transverse energy, Etjet. Next-to-leading-order QCD calculations give a good description of the measurements. A value of alphas(Mz) has been extracted from the measurements.

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Comments :

These results will be presented on behalf of the ZEUS Collaboration