Abstract 270
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Inclusive Cross Sections of High-p_t Charged Particles in Photoproduction at HERA

H1 Collaboration

A new measurement is presented of high p_t charged particle cross sections in photoproduction at the HERA ep collider. A low $Q^2 < 0.01$ GeV^2 e^+p data sample of 1.3 pb^{-1} is used to determine inclusive γp cross sections as a function of transverse momentum p_t and pseudorapidity η, at an average centre of mass energy $W_{\gamma p} = 200$ GeV. The statistics of this data sample permits measurements to be extended to $2 < p_t < 12$ GeV/c. The data give new information on the parton distributions of the photon.