Abstract 244
Parallel sessions: 2,3,4
Plenary sessions: 1,2,3

Determination of the Gluon Density in the Proton from Jet Rates in Deep–Inelastic *ep* Scattering

H1 Collaboration

Events with two hard jets in deep–inelastic positron proton scattering can be produced by the photon–gluon fusion process. Therefore jet rates have already been used as a measure of the determination of he gluon density in the proton. We present for the first time an analysis in next–to–leading order QCD. The method is based on the use of Mellin–Moments for fitting the QCD prediction to the experimental data. These data have been obtained with the H1 detector at HERA using an integrated luminosity of 6.57 pb^{-1}.