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Deeply Virtual Compton Scattering at HERA

Content :
Deeply virtual Compton scattering (DVCS) production in ep collisions at HERA was studied with the ZEUS detector using an integrated luminosity of 0.5 fb-1. New measurements of cross sections as functions of the photon virtuality, Q2, and the photon-proton centre-of-mass energy, W are presented. In addition, differential cross sections as functions of the square of the four-momentumtransfer at the proton vertex, t, are also shown.

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Comments :

These results are presented on behalf of the ZEUS Collaboration