

Contribution ID: 31

HEP 2013 Stockholm 18-24 July 2013



Type: Talk presentation

Isolated photons+jet in DIS

Thursday 18 July 2013 15:21 (17 minutes)

Isolated-photon+jet production in ep collisions at a centre-of-mass energy of 318 GeV has been measured with the ZEUS detector at HERA using an integrated luminosity of up to 300 pb-1.

Measurements of prompt-photon+jet cross sections are presented as functions of the photon transverse energy and pseudorapidity in a wide range of exchanged-photon virtuality.

In addition, differential gamma+jet cross sections are presented as functions of the jet transverse energy and pseudorapidity. Leading- logarithm parton-shower Monte Carlo predictions and perturbative QCD calculations were compared to the data.

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Session Classification: QCD

Track Classification: QCD