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Further studies of prompt photons in photoproduction at HERA

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The ZEUS Collaboration present further measurements of prompt photons produced with jets in photoproduction, studying a variety of kinematic variables that are sensitive to different aspects of the event dynamics. Cross sections are given in terms of the collinearity of the photon and the jet, the fraction of the proton energy involved in the interaction, and the pseudorapidity difference between the photon and the jet. These and other variables are also studied for different ranges of x_γ^{meas} , the fraction of the photon energy involved in the interaction, in order to enhance the direct and resolved photon components of the process.

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