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New JLab/Hall A Deeply Virtual Compton Scattering results

Tuesday 26 August 2014 14:00 (20 minutes)

The normalization studies performed for the DVCS 2010 experiment in Jefferson Lab Hall A lead to a re-analysis of the published 2004 results.
In addition to the updated results for the published kinematics, we will also show new data points for the unpolarized DVCS cross section at Q^2=1.9 GeV^2 and x_B=0.36. Moreover, using the same data set, we analyzed the x_B-dependence of the helicity-dependent and independent cross sections at fixed Q^2=2.1 GeV^2. Finally, some preliminary results for the 2010 experiment will be shown as well.

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