

On an evidence of higher twist emergence in DDIS at HERA

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Summary

The HERA DDIS data on the diffractive structure functions at the lowest x and Q^2 show a strong deviation from a twist-2 description, based on DGLAP fits. This deviation grows rapidly with decreasing x and Q^2 , in consistence with an emergence of a significant higher twist contributions to diffractive proton structure functions. It is argued that the data provide an evidence for higher twist contributions to DDIS at HERA.

Primary author: MOTYKA, Leszek (Jagiellonian University)

Presenter: MOTYKA, Leszek (Jagiellonian University)

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