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Deeply-virtual and photoproduction of pseudoscalar mesons at higher-order and higher-twist

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Both deeply-virtual and photoproduction of mesons offer promising access to generalized parton distributions and complementary description of different kinematical regions. The higher-order contributions offer stabilizing effect with respect to the dependence on renormalization scales, while higher-twist effects have been identified as especially important in the case of the production of pseudoscalar mesons. This was confirmed by recent evaluation of the complete twist-3 contribution to π and η (η') production and its confrontation with experimental data.

Submitted on behalf of a Collaboration?

No

Participate in poster competition?

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