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Exclusive meson production at COMPASS

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Summary

In this talk we will summarize recent measurements of exclusive meson production performed by the COMPASS Collaboration. In particular, recent results on the transverse target spin asymmetry $A_{UT}^{\sin(\phi-\phi_s)}$ for exclusive ρ^0 production will be presented. This asymmetry is sensitive to the 'elusive' GPD E, which is related to the orbital angular momentum of quarks. Also, planned measurements of exclusive meson production, which are a part of the approved COMPASS-II proposal, will be discussed.

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