

COMPASS studies of TMDs; recent results and future perspectives

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COMPASS is a fixed target experiment in operation at CERN since 2002 with a wide physics programme. An important part of this programme is the study of transverse spin and momentum dependent parton distribution and fragmentation functions. A review of recent results on TMDs obtained using both muon or hadron beams scattering off unpolarised and polarized targets will be given. The future 2021 approved run with a muon beam scattering off a transversely polarized deuteron target, as well as the further future plans of the COMPASS+/AMBER Collaboration will also be discussed.

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