

Global extraction of Unpolarized proton and pion TMDs at N³LL

Monday, May 22, 2023 2:10 PM (20 minutes)

In this talk we present the latest results of the MAP collaboration about the extraction of Transverse-Momentum-Dependent (TMD) distributions at the N³LL logarithmic accuracy. We discuss the extraction of unpolarized quark TMD Parton Distribution Functions (TMD PDFs) in the proton and in the pion, as well as TMD Fragmentation Functions (TMD FFs), from global fits of Drell-Yan and Semi-Inclusive Deep-Inelastic Scattering (SIDIS) data sets.

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