

MAPTMD24: First Global Flavor Dependent TMD extractions

Tuesday, 10 December 2024 15:42 (15 minutes)

In this talk, we report the latest results from the MAP Collaboration on the extraction of unpolarized quark Transverse-Momentum-Dependent Parton Distributions (TMD PDFs) and Fragmentation Functions (TMD FFs) based on global fits to Drell-Yan and Semi-Inclusive Deep-Inelastic Scattering (SIDIS) datasets. Specifically, we examine the impact of incorporating flavor dependence in the nonperturbative models.

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