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Unpolarized TMD extraction from Drell-Yan lepton pairs

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We present an extraction of unpolarized transverse-momentum dependent (TMD) parton distribution functions (PDFs) based on a fit on data from Drell-Yan processes in different experiments and kinematic ranges, including in particular LHC experiments. The analysis is performed in the TMD factorization framework with perturbative accuracy up to next-to-next-to-next-to-leading-log (N^3LL), obtaining a remarkable agreement with data.

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