

The impact of the non-perturbative parameters in the PB method on the predictions for low energy DY measurements

Wednesday, November 27, 2019 3:00 PM (20 minutes)

The PB TMDs were successfully used for obtaining predictions for LHC measurements. However, these measurements turned out to not be sensitive to some of the non-perturbative parameters existing in the PB approach. In this talk we show preliminary results for the application of PB TMDs to low energy DY data. We illustrate the role of non-perturbative dynamics, including intrinsic transverse momentum and soft-gluon resolution scale, in the PB TMDs, and we discuss their impact on phenomenological predictions.

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Session Classification: Wednesday 3