

TMD evolution from SIDIS data.

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Abstract

Obtaining information on transverse momentum dependent functions (TMDs) from data has tested our understanding of the underlying theory of strong interactions. At small to moderate values of the hard scale, it is of particular importance to make at least rough estimates of the applicability of factorization theorems. In this talk, I will discuss about how one may try to address this issue in SIDIS. I will focus on the unpolarized case, providing concrete examples of the challenges currently faced in the extraction of TMDs.