

Power corrections in semi-inclusive DIS

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Semi-inclusive DIS is a natural process for the measurement of transverse momentum dependent distributions. While current fits and analysis use cross section at leading power in the ratio of transverse momenta and center of mass energy, we have computed and factorized the cross section at next-to-leading power, opening the way to a finer set of studies. The proof are done using the background-field method and the evolution of operators is also calculated.

Submitted on behalf of a Collaboration?

No

Author: VLADIMIROV, Alexey

Presenter: VLADIMIROV, Alexey

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