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Global QCD analysis of the worm-gear TMD g_{1T}

We present the first-ever global QCD analysis of the semi-inclusive DIS data using Monte Carlo techniques to extract the worm-gear TMD g_{1T} . The relevant data are available from HERMES, COMPASS and JLab. We compare our results for g_{1T} with different theoretical approaches such as the large- N_c approximation, the Wandzura-Wilczek-type approximation, and lattice QCD.

Submitted on behalf of a Collaboration?

No

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