

Transverse Λ polarization in e^+e^- annihilation and SIDIS processes within a TMD framework

Wednesday, 21 June 2023 17:00 (30 minutes)

We present an updated analysis of Belle data for the transverse Λ polarization in e^+e^- annihilation processes within a TMD factorization approach. $SU(2)$ isospin symmetry and charm quark contribution, with their impact on the description of the experimental data as well as on the extraction of the polarizing fragmentation functions, will be discussed.

Predictions for SIDIS processes within different scenarios, at typical energies of the future EIC, will be presented.

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