XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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Top-quark double-differential distributions in p_T and rapidity

Tuesday, 24 March 2020 11:00 (20 minutes)

I present new theoretical results at approximate N^3LO for double-differential distributions in top-quark transverse momentum and rapidity. The higher-order corrections are from NNLL resummation of soft-gluon contributions. The corrections are very significant and they reduce theoretical uncertainties. The theoretical predictions are in very good agreement with recent LHC data.

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