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Theoretical results for top-quark cross sections and distributions ($15' + 5'$)

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I present new results and updates for total cross sections and differential distributions in top-antitop pair and single-top production. Soft-gluon corrections are added to exact fixed-order results to provide the best predictions up to N^3LO . Total cross sections and transverse-momentum and rapidity distributions are presented and compared with data at LHC and Tevatron energies.

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