

# Higher-order soft corrections to $t\bar{t}$ production

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We present new predictions for the total cross section of  $t\bar{t}$  at the Tevatron and the LHC through next-to-next-to-leading order. The results are based on the numerically dominant soft corrections. They are exact in all logarithmically enhanced terms near threshold, include the Coulomb corrections at two loops and exact scale dependence. We investigate the scale dependence as well as the sensitivity on the parton luminosity.

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