

The q_T -subtraction formalism at N3LO

Wednesday, November 27, 2019 10:00 AM (20 minutes)

In this talk we will show the necessary ingredients of a N3LO perturbative QCD calculation using the q_T -subtraction prescription. We will show which are the partially known (or missing) coefficients at the third order in the strong coupling and how we can circumvent this problem using the total cross section at the same perturbative order. We will apply this formalism to the particular case of Higgs boson production in the large top-mass limit.

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