Phenomenology 2013 Symposium



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Resummation in processes with jet vetoes

Monday 6 May 2013 15:00 (15 minutes)

We study the processes with a fixed number of jets at the LHC. The jets are defined using the standard hadronic anti-kT algorithm, and the fixed number of jets is obtained by imposing a jet veto on the final QCD activities. A formalism allows a NLL' resummation over the large jet veto logs is derived. We apply the formalism to the higgs+1jet to see how it can help to reduce the theoretical uncertainties.

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