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BFKL effects and central rapidity dependence in Mueller-Navelet jet production at 13 TeV LHC

Tuesday, April 12, 2016 2:30 PM (15 minutes)

In this talk a study of the production of Mueller-Navelet jets at 13 TeV LHC will be presented, including the BFKL resummation effects and investigating three different variants of the BLM scale optimization method. It will be shown how the cross section and the azimuthal observables are affected by the exclusion of the events where, for a given rapidity interval between the two jets, one of these is produced in the central region.

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