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Measurement of the Drell-Yan transverse momentum dependence over a wide mass range at 13 TeV from CMS

The differential cross section measurements of the production of a Drell-Yan pair of opposite-charged leptons (electrons or muons) as a function of p_T and ϕ^* in various bins of its invariant mass m as well as ratios of these cross sections to the on-shell one are presented. The results are obtained using proton-proton collision data recorded with the CMS detector at the LHC. Measurements are compared to state-of-the-art generators also including TMD based predictions.

Collaboration / Activity

CMS

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