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Measurement of Forward-Backward Asymmetry in Drell-Yan processes of Dimuon Production in Proton-Proton collisions with the CMS experiment at the LHC

A measurement of the forward-backward asymmetry AFB of oppositely charged lepton pairs produced via Z/γ^* boson exchange in pp collisions at the LHC is presented. The data samples were collected with the CMS detector. The AFB measurements as a function of dilepton mass and rapidity are compared with the standard model predictions.

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