

Search for large extra dimensions and contact interactions in the dilepton mass spectra from proton-proton collisions at the center of mass energy of 13 TeV

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We present a search for nonresonant excesses in the invariant mass spectra of electron and muon pairs. The results are based on the data from proton-proton collisions at a center-of-mass energy of 13 TeV recorded by the CMS experiment in 2016, corresponding to a total integrated luminosity of 36/fb. No significant deviation from the standard model is observed and limits are set at 95% confidence level on energy scales for large extra dimensions and contact interaction models

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