

Toponium results from ATLAS and CMS

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A search for resonances in top quark pair ($t\bar{t}$) production in final states with two charged leptons and multiple jets is presented, based on proton-proton collision data collected by the ATLAS and CMS experiment at the CERN LHC at $\sqrt{s} = 13$ TeV. A significant excess of events is observed near the kinematic $t\bar{t}$ threshold compared to the nonresonant production predicted by fixed-order perturbative quantum chromodynamics.

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