

Search for heavy BSM particles in final states with boosted top quarks or W bosons at CMS

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We present results from recent searches for resonances with enhanced couplings to top quarks or W bosons, collected with the CMS detector at a center-of-mass energy of 13 TeV. The analyses presented rely on state-of-the-art boosted-object identification techniques to reconstruct hadronic and leptonic top quark and W boson decays, targeting various signatures from single and pair production of new heavy resonances motivated by different BSM models.

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