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$t(\bar{t})$ associated production in CMS

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The production of an odd number of top quark events is necessarily suppressed in the SM, as it is mediated by the electroweak interactions, but naturally takes place in a number of BSM models, e.g. those involving FCNCs. As a consequence, the study of such processes is a promising tool in the search for new physics. We present a number of studies of such processes, including an observation of tWZ production, a search for 3 top production, and a measurement of t-channel single top production

Secondary track

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