

$t\bar{t}$ and W +jet background estimate for hadronic SUSY searches at CMS

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To recognise supersymmetric decays or other rare processes, the standard model background for these signatures have to be predicted as precisely as possible. At the CMS experiment the reference analysis 2 is looking for supersymmetry in the purely hadronic channel. In this talk a data driven background estimate to this analysis for the $t\bar{t}$ and W +jet channel with muons or electrons in the final state on the basis of a cut inversion of the lepton veto cut is presented.

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