



CERN-EP/2016-005  
2016/06/07

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CMS-EXO-14-013

# Search for R-parity violating decays of a top squark in proton-proton collisions at $\sqrt{s} = 8$ TeV

—Supplementary material—

The CMS Collaboration

*Submitted to Physics Letters B*



# 1 Supplementary Material

Figure 1 shows the number of observed and predicted events in each optimized  $S_T^{\min}$  selection for 5th, 6th, and  $\geq 7$ th jets for electron and muon channels. The event counts correspond to Tables 3 and 4 in the main document, respectively.

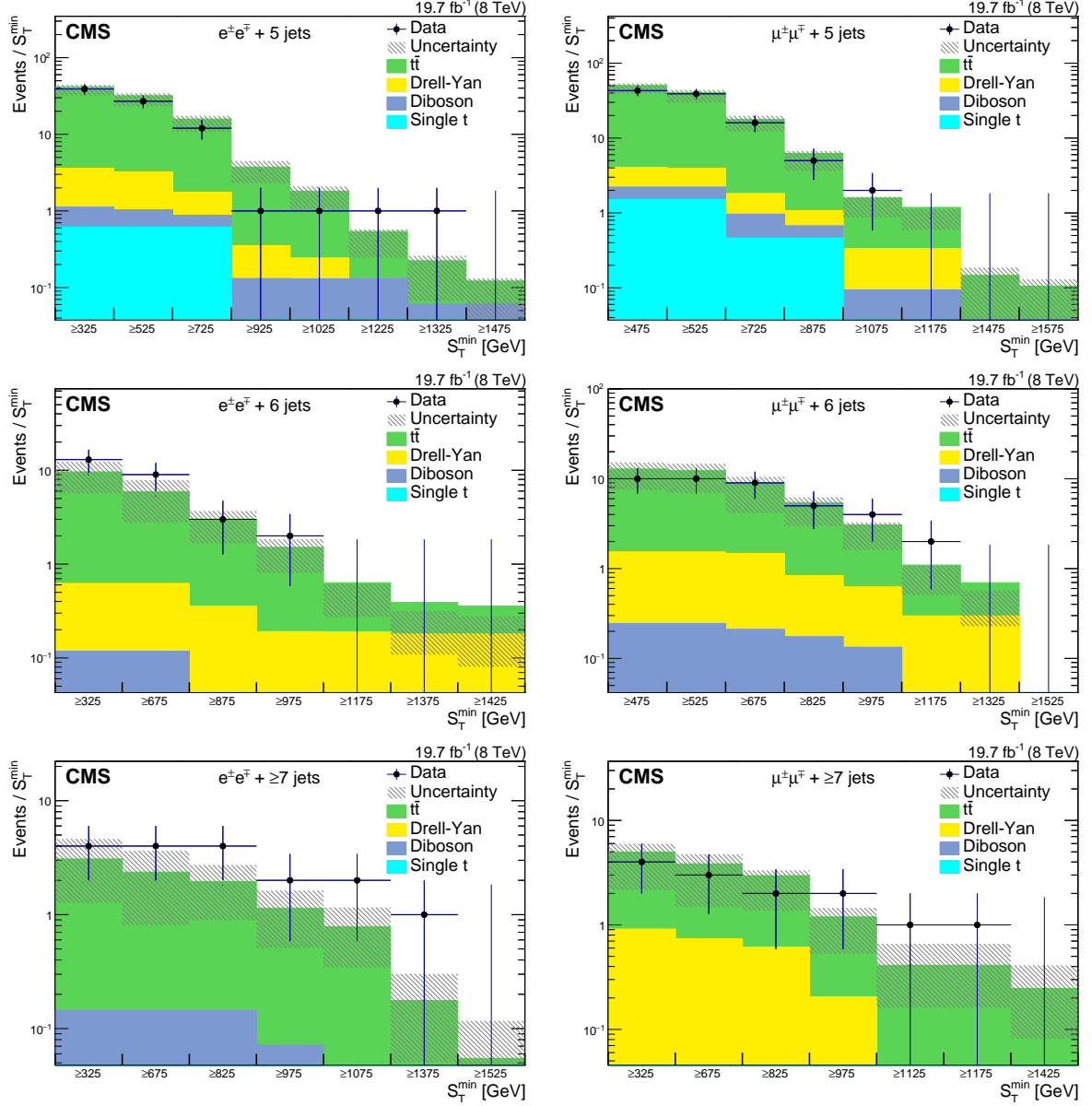


Figure 1: Events per  $S_T^{\min}$  for 5th, 6th, and  $\geq 7$ th jets for  $e^{\pm}e^{\mp}$  (left) and  $\mu^{\pm}\mu^{\mp}$  (right). The  $S_T^{\min}$  selections are optimized for  $M_T$  ranging from 300 to 1100 GeV. The asymmetric error bars indicate the central confidence intervals for Poisson-distributed data.