

p-value

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M.Sc. Thesis

$\int L dt = 1000 \text{ fb}^{-1}$
 $\sqrt{s} = 14 \text{ TeV}$

$SRa, E_T^{\text{Miss}} > 350 \text{ GeV}, P_{T^{\text{leadjet}}} > 350 \text{ GeV}$

$SRb, E_T^{\text{Miss}} > 600 \text{ GeV}, P_{T^{\text{leadjet}}} > 350 \text{ GeV}$

$SRc, E_T^{\text{Miss}} > 800 \text{ GeV}, P_{T^{\text{leadjet}}} > 350 \text{ GeV}$

$SRd, E_T^{\text{Miss}} > 1000 \text{ GeV}, P_{T^{\text{leadjet}}} > 350 \text{ GeV}$

0.05

0.45

0.4

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

1200

1400

1600

1800

2000

2200

2400

2600

$M^* [\text{GeV}]$

