

p-value

0.45

S-P. Hallsjö

M.Sc. Thesis

0.4

$\int L dt = 1000 \text{ fb}^{-1}$

$\sqrt{s} = 14 \text{ TeV}$

— $SR1, E_T^{\text{Miss}} > 350 \text{ GeV}, P_T^{\text{leadjet}} > 350 \text{ GeV}$

— $SR2, E_T^{\text{Miss}} > 600 \text{ GeV}, P_T^{\text{leadjet}} > 600 \text{ GeV}$

— $SR3, E_T^{\text{Miss}} > 800 \text{ GeV}, P_T^{\text{leadjet}} > 800 \text{ GeV}$

— $SR4, E_T^{\text{Miss}} > 1000 \text{ GeV}, P_T^{\text{leadjet}} > 1000 \text{ GeV}$

— 0.05

0.35

0.3

0.25

0.2

0.15

0.1

0.05

600

700

800

900

1000

1100

1200

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

