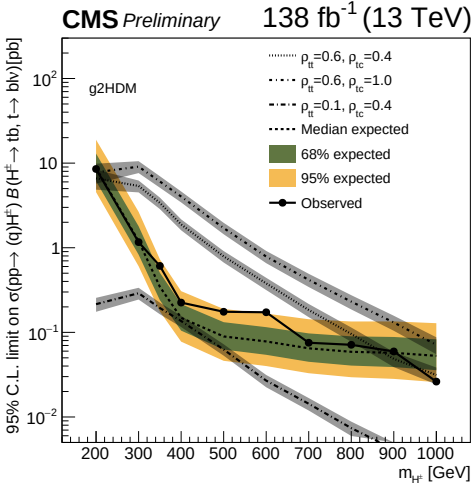
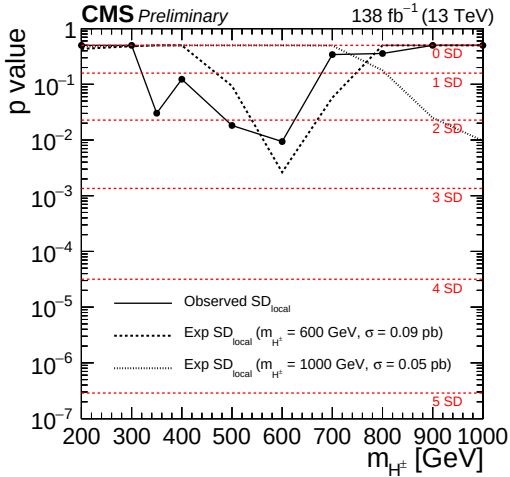

CMS Preliminary
138 fb^{-1} (13 TeV)
g2HDM
ρ_{tt}=0.6, ρ_{tc}=0.4
ρ_{tt}=0.6, ρ_{tc}=1.0
ρ_{tt}=0.1, ρ_{tc}=0.4
Median expected
68% expected
95% expected
Observed
95% C.L. limit on σ(pp→ (q)H$^{\pm}$) B(H$^{\pm}$→ tb, t→ blν)[pb]
$m_{H^{\pm}}$ [GeV]


CMS Preliminary
138 fb^{-1} (13 TeV)
p value
0 SD
1 SD
2 SD
3 SD
4 SD
5 SD
Observed SD_{local}
Exp SD_{local} ($m_{H^{\pm}}$ = 600 GeV, σ = 0.09 pb)
Exp SD_{local} ($m_{H^{\pm}}$ = 1000 GeV, σ = 0.05 pb)
$m_{H^{\pm}}$ [GeV]