

CMS $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ $\tan \beta$

60

50

40

30

20

10

 $H^\pm \rightarrow \tau \nu$ MSSM $m_h^{\text{mod-}}$ 100 150 200 250 300 350 400 450 500
 $m_{H^\pm} \text{ (GeV)}$

95% CL upper limits

● Observed

□ Excluded

⋯ Median expected

■ 68% expected

■ 95% expected

▨ $m_h^{\text{MSSM}} \neq 125 \pm 3 \text{ GeV}$