CMS Simulation $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ SVJ_3000_20_0.5_peak (MadGraph) SVJ_3000_50_0.3_peak (Pythia) 10^{3} SVJ_3000_20_0.5_peak (Pythia) SVJ_4000_20_0.3_peak (MadGraph) SVJ_3000_50_0.3_peak (MadGraph) SVJ_4000_20_0.3_peak (Pythia) 10^{2} Events / 40.00 10^{1} 10⁰ 10^{-1} 200 600 800 1600 400 1000 1200 1400 H_T^{miss} [GeV]