CMS Simulation $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ 10^{6} SVJ 1000 20 0.3 peak (MadGraph) SVJ 3000 20 0.1 peak (Pythia) SVJ 1000 20 0.3 peak (Pythia) SVJ 3000 20 0.9 peak (MadGraph) SVJ 3000 20 0.1 peak (MadGraph) SVJ 3000 20 0.9 peak (Pythia) 10⁵ 10^{4} Events / 70.00 10^{3} 10^2 10¹ 10⁰ 10^{-1} 500 1000 1500 2000 2500 3000 3500 H_T [GeV]