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 / 70.00  $10^{1}$ 10<sup>0</sup>  $10^{-1}$ 500 1000 2000 1500 2500 3000 3500

 $H_T$  [GeV]