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) SVI 4000 20 0.3 peak (Pythia) Number of Events / 0.10 10² 10^{1} 10^{0} 10^{-1} 0.2 0.0 0.1 0.3 0.4 0.5 0.6

 $E_{T}^{\text{miss}}/M_{T}$