CMS Simulation  $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ 10<sup>7</sup> SVJ 2000 4 0.5 peak (t-channel) SVJ 2000 40 0.5 peak (t-channel) SVJ 2000 10 0.5 peak (t-channel) SVJ 2000 100 0.5 peak (t-channel) SVJ 2000 20 0.5 peak (t-channel) 10<sup>6</sup> 10<sup>5</sup> Events / 100.00 10<sup>4</sup>  $10^{3}$  $10^{2}$ 10<sup>1</sup> 10<sup>0</sup>  $10^{-1}$ 500 1000 1500 2000 2500 3000 3500 4000 4500  $m_{\mathsf{T}}$  [GeV]