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\_4000\_20\_0.3\_peak (MadGraph) SVJ 3000 20 0.5 peak (Pythia) SVJ 3000 50 0.3 peak (MadGraph) SVJ\_4000\_20\_0.3\_peak (Pythia)  $10^{2}$ Events / 0.20 10<sup>1</sup> 10<sup>0</sup>  $10^{-1}$ 

 $\eta^{j_2}$