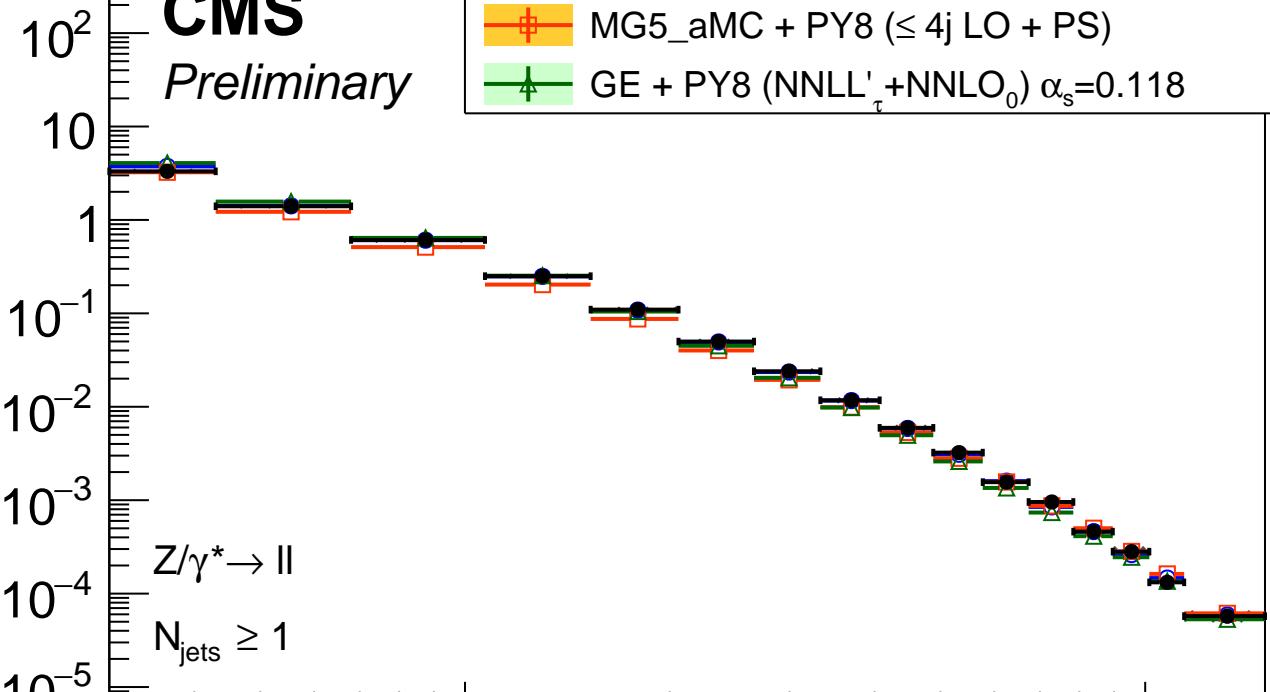


$35.9 \text{ fb}^{-1}$  (13 TeV)

**CMS**  
Preliminary

- Data
- MG5\_aMC + PY8 ( $\leq 2j$  NLO + PS)
- MG5\_aMC + PY8 ( $\leq 4j$  LO + PS)
- GE + PY8 (NNLL'  $_{\tau}$  +NNLO $_0$ )  $\alpha_s=0.118$

$d\sigma/dH_T(\text{jets}) [\text{pb}/\text{GeV}]$



$\frac{\text{Prediction}}{\text{Measurement}}$

Stat.  $\oplus$  theo.  $\oplus$  (PDF  $\oplus \alpha_s$  unc.)

$\frac{\text{Prediction}}{\text{Measurement}}$

Stat. unc.

$\frac{\text{Prediction}}{\text{Measurement}}$

Stat.  $\oplus$  theo. unc.

$10^2$

$10^3$

$H_T [\text{GeV}]$