

35.9 fb^{-1} (13 TeV)

CMS
Preliminary

$d\sigma/dy_{\text{sum}(Z,\text{jet}2)}$ [pb]

Data
MG5_aMC + PY8 ($\leq 2j$ NLO + PS)
MG5_aMC + PY8 ($\leq 4j$ LO + PS)
GE + PY8 (NNLL' $_{\tau}$ + NNLO $_0$) $\alpha_s = 0.118$

$Z/\gamma^* \rightarrow \ell\ell$

$N_{\text{jets}} \geq 2$

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

Prediction / Measurement

Prediction / Measurement

Prediction / Measurement

$y_{\text{sum}(Z,\text{jet}2)}$

Stat. unc.

Stat. \oplus theo. unc.