

CMS $138 \text{ fb}^{-1} (13 \text{ TeV})$ $(1/\sigma) d\sigma / dz$ $75 \text{ GeV} < p_{\text{T}}^{\text{jet}} < 100 \text{ GeV}$ $\Upsilon(3S) \rightarrow \mu\mu$ ● Data (stat $\oplus$ sys.)

— Pythia 8.240 CP1

— Pythia 8.240 CP5

— Pythia 8.310 CP1

— Pythia 8.310 CP5

