

CMS Preliminary

19.7 fb<sup>-1</sup> (8TeV)

$$1.0 \leq y_b < 2.0$$

$$1.0 \leq y^* < 2.0$$

Uncertainty

- PileUpPtBB
- PileUpPtHF
- PileUpDataMC
- PileUpPtEC1
- PileUpPtEC2
- PileUpPtRef

