

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

Uncertainty

$0 \leq y_b < 1$   
 $2 \leq y^* < 3$

PileUpPtBB  
PileUpPtHF  
PileUpDataMC  
PileUpPtEC1  
PileUpPtEC2  
PileUpPtRef

200

300

500

$p_{T,avg}$  (GeV)

