

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

$$1.0 \leq y_b < 2.0$$

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

Uncertainty

1.10  
1.05  
1.00  
0.95  
0.90

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

200

500

$p_{T,avg}$  (GeV)

