

19.71 fb⁻¹ (8 TeV)

Uncertainty

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

PileUpPtBB
PileUpPtHF
PileUpDataMC
PileUpPtEC1
PileUpPtEC2
PileUpPtRef

1.10
1.05
1.00
0.95
0.90

200

300

500

1000

 $p_{T,avg}$ (GeV)