

Uncertainty

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

PileUpPtBB
PileUpPtHF
PileUpDataMC
PileUpPtEC1
PileUpPtEC2
PileUpPtRef

200

300

500

 $p_{T, \text{avg}} / \text{GeV}$ 