

Uncertainty

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

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

1.10  
1.05  
1.00  
0.95  
0.90

200

300

500

1000

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