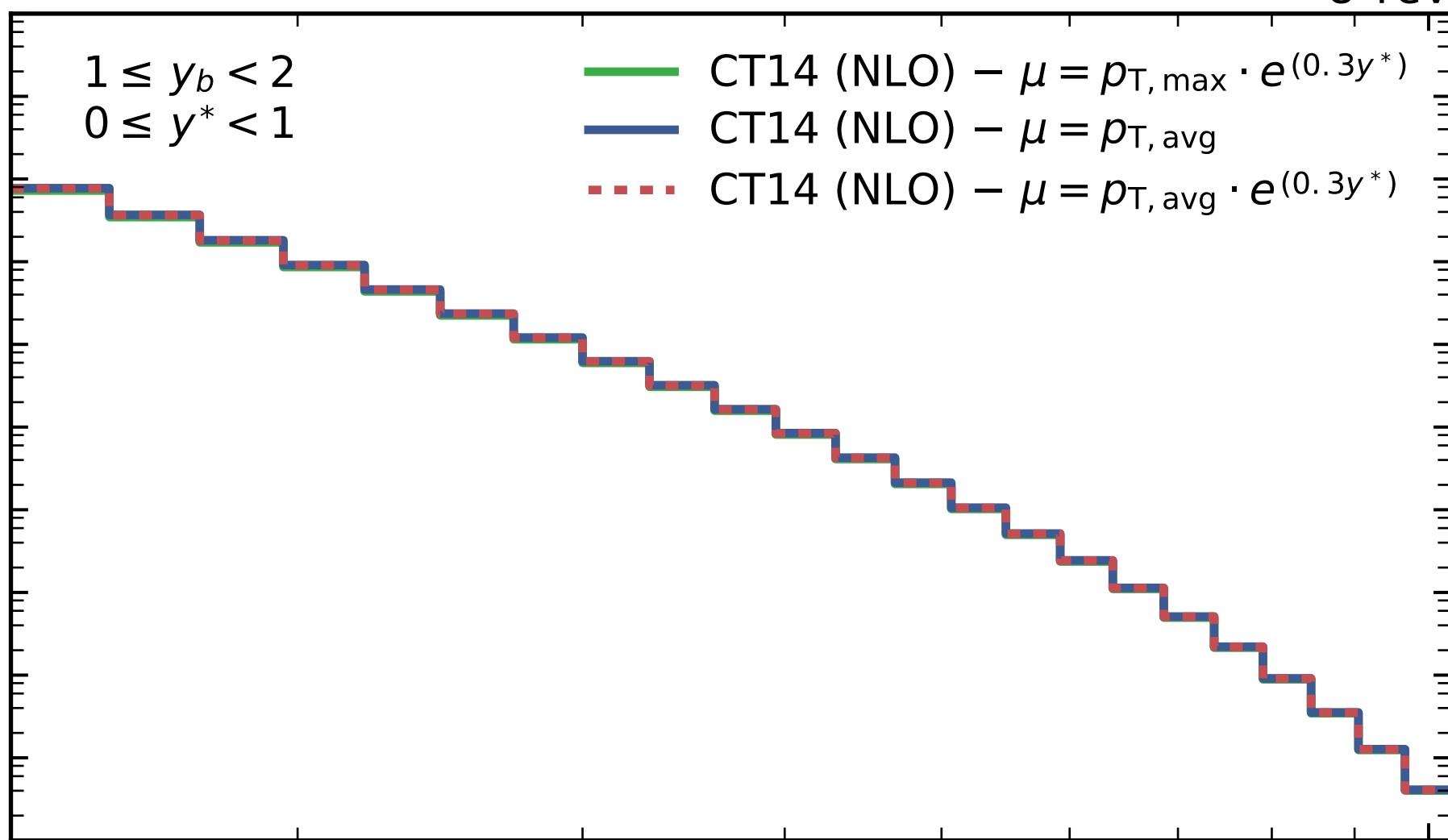


8 TeV

Cross Section (pb/GeV)

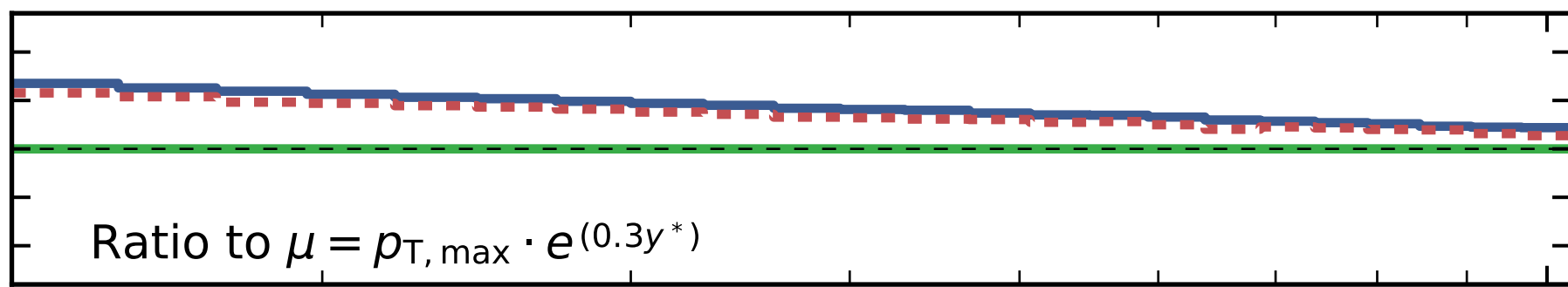
$$1 \leq y_b < 2$$
$$0 \leq y^* < 1$$

- CT14 (NLO) –  $\mu = p_{T,\text{max}} \cdot e^{(0.3y^*)}$
- CT14 (NLO) –  $\mu = p_{T,\text{avg}}$
- CT14 (NLO) –  $\mu = p_{T,\text{avg}} \cdot e^{(0.3y^*)}$

 $10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10^1$   
 $10^0$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$ 

Ratio

Ratio to  $\mu = p_{T,\text{max}} \cdot e^{(0.3y^*)}$

1.10  
1.05  
1.00  
0.95  
0.90

200

300

500

1000

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