

Number of events

**STAR**

$p+p \rightarrow p' + \pi^+ \pi^- + p'$   $\sqrt{s} = 200$  GeV

$\pi^+, \pi^-$ :  $p_T > 0.2$  GeV  
 $|\eta| < 0.7$

$p'$ :  $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$   
 $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$   
 $p_x > -0.2 \text{ GeV}$

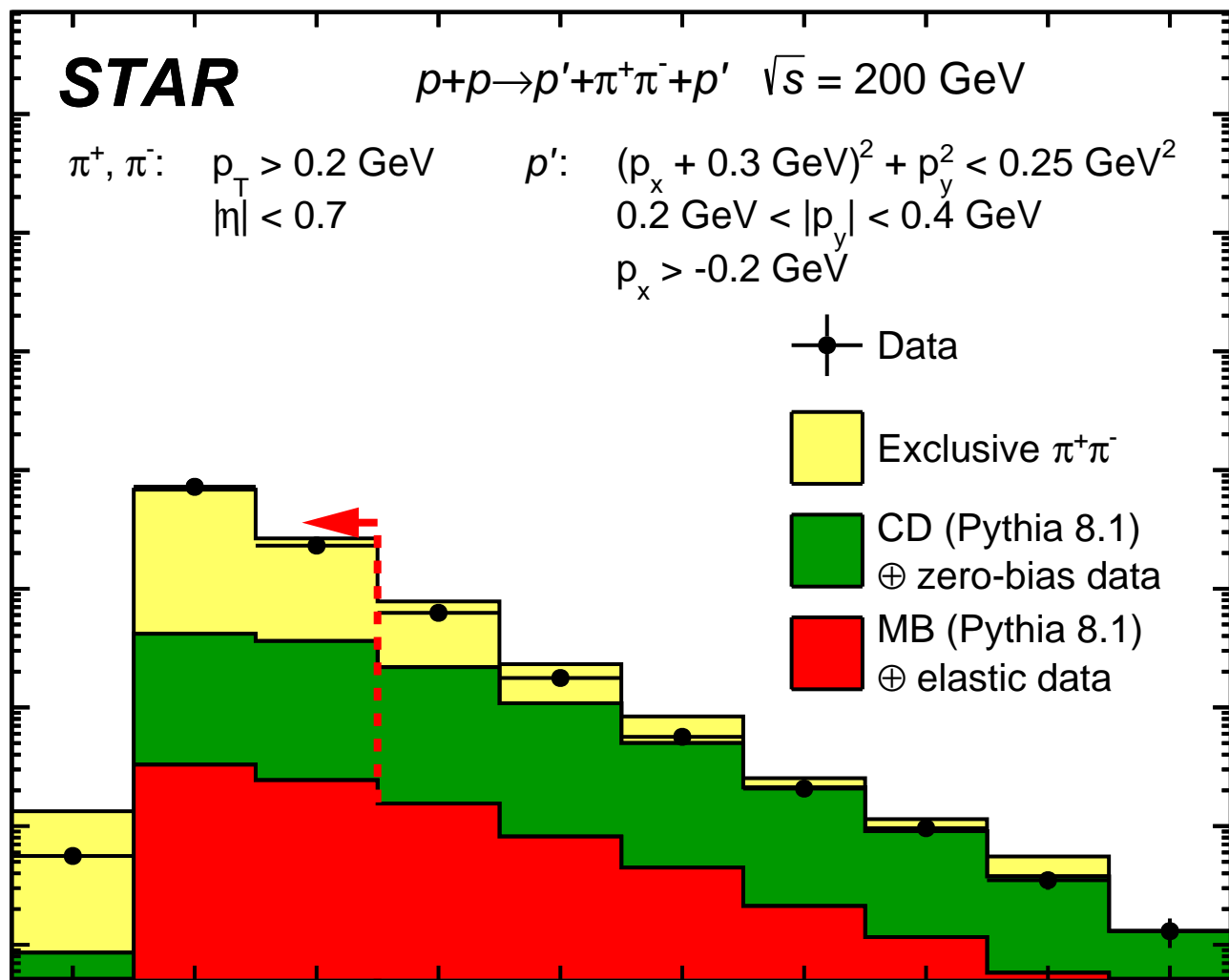
—•— Data

Exclusive  $\pi^+ \pi^-$

CD (Pythia 8.1)  
⊕ zero-bias data

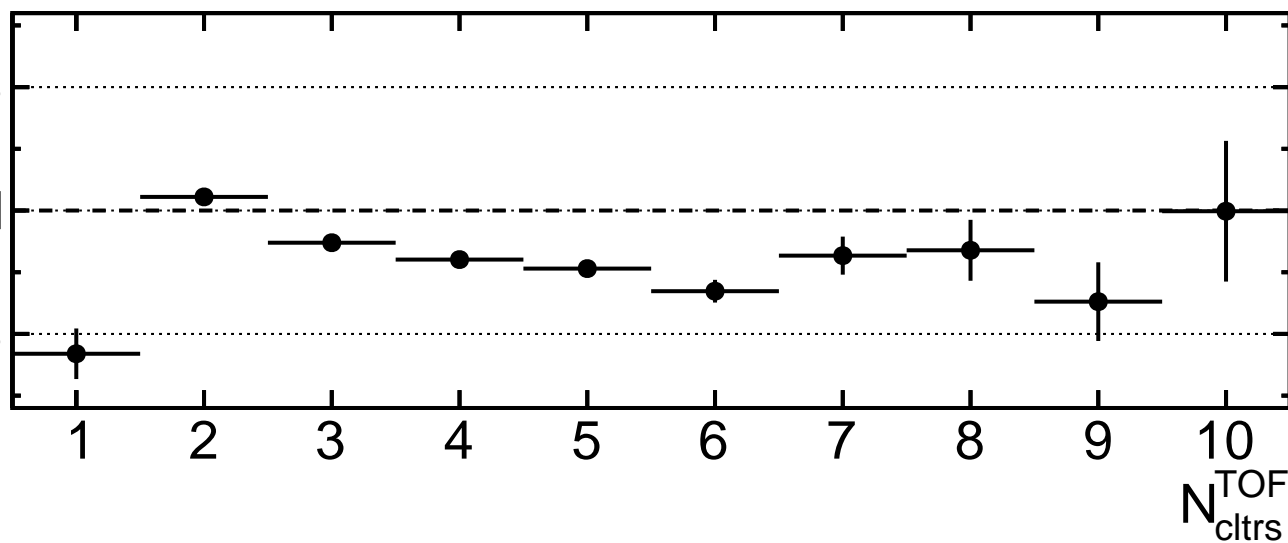
MB (Pythia 8.1)  
⊕ elastic data

$10^8$   
 $10^7$   
 $10^6$   
 $10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10$



Data / MC

1.5  
1  
0.5



$N_{\text{cltrs}}^{\text{TOF}}$