

Number of track points / 4 mm

$\times 10^3$

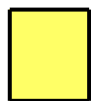
STAR

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

π^+, π^- : $p_T > 0.2$ 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)



MB (Pythia 8.1)

E1U

5
4
3
2
1
0

-40

-20

0

20

40

x [mm]