

Events / 200 MeV

**STAR**

$p+p \rightarrow p'+p\bar{p}+p'$   $\sqrt{s} = 200$  GeV

$p, \bar{p}$ :  $p_T > 0.4$  GeV

$|\eta| < 0.7$

$\min(p_T^+, p_T^-) < 1.1$  GeV

$p'$ :  $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$

$0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$

$p_x > -0.2 \text{ GeV}$

40

20

0

—●— Data (opposite-sign)

—●— Data (same-sign)

■ Non-excl. background

2

2.5

3

$m(p\bar{p})$  [GeV]

