

Events / 25 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 (fit)



Non-excl. background (extr.)

0

0.2

0.4

0.6

0.8

1

p_T^{miss} [GeV]

