

Events / 25 MeV

STAR

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

K^\pm : $p_T > 0.3$ GeV

$|\eta| < 0.7$

$\min(p_T^+, p_T^-) < 0.7$ GeV

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

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

$p_x > -0.2 \text{ GeV}$

● Data (opposite-sign)

● Data (same-sign)

▨ Non-excl. background (fit)

■ Non-excl. background (extr.)

200

400

0

0

0.2

0.4

0.6

0.8

1

p_T^{miss} [GeV]

