

Events / 50 GeV

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

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

$p_x > -0.2 \text{ GeV}$

● Data

▨ Signal

- - - Non-excl. bkgd

— Total fit

$\mu = -4.2 \pm 4.8 \text{ MeV}$

$\sigma = 30.2 \pm 5.9 \text{ MeV}$

$\chi^2/\text{NDF} = 9.1/4$

