

Ratio to nominal

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

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

$p_x > -0.2 \text{ GeV}$

0.9

1.1

1.2

1.3

-0.6 -0.4 -0.2 0 0.2 0.4 0.6

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

