

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

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

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

$p_x > -0.2 \text{ GeV}$

1.4  
1.2  
1  
0.8

-1 -0.5 0 0.5 1

$\cos\theta^{\text{CS}}(p)$

