

STAR $p+p \rightarrow p' + \pi^+ \pi^- + p'$ $\sqrt{s} = 200$ GeV $\pi^+, \pi^-:$ $p_T > 0.2$ GeV $|\eta| < 0.7$ $m(\pi^+ \pi^-) < 1.0$ GeV $p': (p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$ $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$ $p_x > -0.2 \text{ GeV}$

Ratio to nominal

1.2

1

-180

-120

-60

0

60

120

180

 $\phi^{\text{CS}}(\pi^+)$ 