

$d\sigma/d\cos\theta^{\text{CS}}(\pi^+) [\text{nb}]$ **STAR** $p+p \rightarrow p' + \pi^+ \pi^- + p' \quad \sqrt{s} = 200 \text{ GeV}$  $\pi^+, \pi^-:$  $p_{\text{T}} > 0.2 \text{ GeV}$  $|\eta| < 0.7$  $m(\pi^+ \pi^-) > 1.5 \text{ GeV}$  $p': (p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$  $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$  $p_x > -0.2 \text{ GeV}$ 

- Data
- Syst. uncertainty
- DiMe
- GenEx  $\times 0.25(\text{Abs.})$
- Pythia 8 MBR
- $S_0$  wave
- $D_0$  wave

