

STAR $p+p \rightarrow p' + p\bar{p} + p' \quad \sqrt{s} = 200 \text{ GeV}$ p, \bar{p} : $p_T > 0.4 \text{ GeV}$ $|\eta| < 0.7$ $\min(p_T^+, p_T^-) < 1.1 \text{ GeV}$ p' : $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$ $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$ $p_x > -0.2 \text{ GeV}$

Ratio to nominal

1.4

1.2

1

0.8

-180

-120

-60

0

60

120

180

 $\phi^{\text{GJ}}(p)$ 