

STAR $p+p \rightarrow p' + K^+ K^- + p'$ $\sqrt{s} = 200$ GeV K^+, K^- : $p_T > 0.3$ GeV $|\eta| < 0.7$ $\min(p_T^+, p_T^-) < 0.7$ 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

-0.6 -0.4 -0.2 0 0.2 0.4 0.6

 $y(K^+ K^-)$ [GeV]