

**STAR**  $p+p \rightarrow p' + K^+ K^- + p'$   $\sqrt{s} = 200$  GeV

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 $K^+, K^-:$ 

$p_{\perp} > 0.3 \text{ GeV}$

 $|m| < 0.7$ 
$$\min(p_{-}^{+}, p_{-}^{-}) < 0.7 \text{ GeV}$$
$$p': (p_y + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$$
$$0.2 \text{ GeV} < |\vec{p}_\perp| < 0.4 \text{ GeV}$$
$$p_x > -0.2 \text{ GeV}^y$$
$$\Delta\phi < 90^\circ$$

# Ratio to nominal

## 1.4

# 1.2

1

# 1

# 1.5

2

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