

Ratio to nominal

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' : $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$

$0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$

$p_x > -0.2 \text{ GeV}$

$\Delta\phi > 90^\circ$

1

1.5

2

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

