

Ratio to nominal

STAR

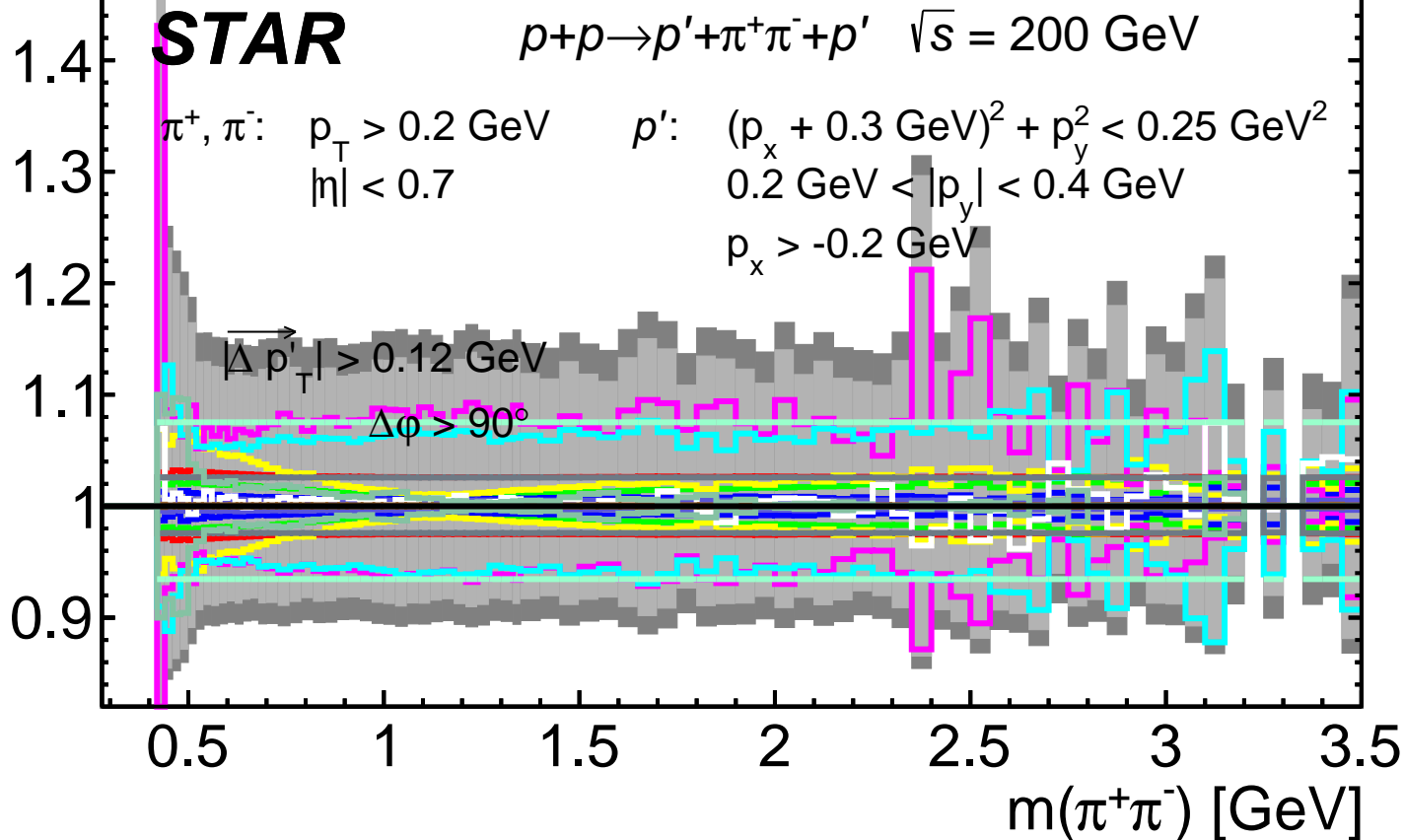
$p+p \rightarrow p' + \pi^+ \pi^- + p'$ $\sqrt{s} = 200$ GeV

π^+, π^- : $p_T > 0.2$ GeV
 $|\eta| < 0.7$

p' : $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$
 $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$
 $p_x > -0.2 \text{ GeV}$

$|\vec{\Delta p_T}| > 0.12 \text{ GeV}$

$\Delta\phi > 90^\circ$



$\Delta\epsilon_{\text{TPC}}$ (embed. stat.)
 $\Delta\epsilon_{\text{TPC}}$ (dead mat.)
 $\Delta\epsilon_{\text{RP}}$
 $\Delta\epsilon_{\text{RP}}$
 $\Delta\epsilon_{\text{RP}}$
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 $\Delta\epsilon_{\text{RP}}$
 $\Delta\epsilon_{\text{RP}}$
 $\Delta\epsilon_{\text{RP}}$

$\Delta\epsilon_{\text{TPC}}$ (pile-up)
 $\Delta\epsilon_{\text{TOF}}$
 $\Delta\epsilon_{\text{DM veto}}$
 $\Delta\epsilon_{\text{RP}}$
 $\Delta\epsilon_{\text{vtx}}$
 $\Delta\langle z_{\text{vtx}} \rangle$
 $\Delta N_{\text{bkgd}}^{\text{non-excl}}$

Total (w/o lumi.)
 Total (w/ lumi.)