

STAR Preliminary 2012

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

$|\eta^{\pi^+\pi^-}| < 1$, $1 < p_T^{\pi^+\pi^-} < 15$ (GeV/c), $0.02 < \text{cone} < 0.7$

$0.27 < M_{\text{inv}}^{\pi^+\pi^-} < 4.0$ (GeV/c²), $L_{\text{int}} = 26$ (pb)⁻¹

+ Measured + Pythia

