

# STAR

$$p+p \rightarrow p' + p \bar{p} + p' \quad \sqrt{s} = 200 \text{ GeV}$$
$$p, \bar{p}: p_{\text{T}} > 0.4 \text{ GeV} \quad |\eta| < 0.7$$
$$\min(p_T^+, p_T^-) < 1.1 \text{ GeV}$$
$$p': (p_v + 0.3 \text{ GeV})^2 + p_v^2 < 0.25 \text{ GeV}^2.$$
$$0.2 \text{ GeV} < |\vec{p}_y| < 0.4 \text{ GeV}$$

$p_x > -0.2 \text{ GeV}$

$$\Delta\phi < 90^\circ$$

# Ratio to nominal



## 1.2

# 1

2

## 2.5

3

 $m(p\bar{p})$  [GeV]