

STAR $p+p \rightarrow p' + p\bar{p} + p'$ $\sqrt{s} = 200$ GeV p, \bar{p} : $p_T > 0.4$ GeV $|\eta| < 0.7$ $\min(p_T^+, p_T^-) < 1.1$ GeV p' : $(p_x + 0.3 \text{ GeV})^2 + p_y^2 < 0.25 \text{ GeV}^2$ $0.2 \text{ GeV} < |p_y| < 0.4 \text{ GeV}$ $p_x > -0.2 \text{ GeV}$

1.4

1.2

1

2

2.5

3

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