

List of Cuts applied

$0.2 < MM^2 < 2.3$ (Missing Mass Squared)

$P_{\text{Minus}} = 0.8 < p_{\text{Minus}} < 1.1$

$C.L > 0.001$

BeamEnergy > 6.5 GeV

$52 \text{ cm} < Z_{\text{vertex}} < 78 \text{ cm}$

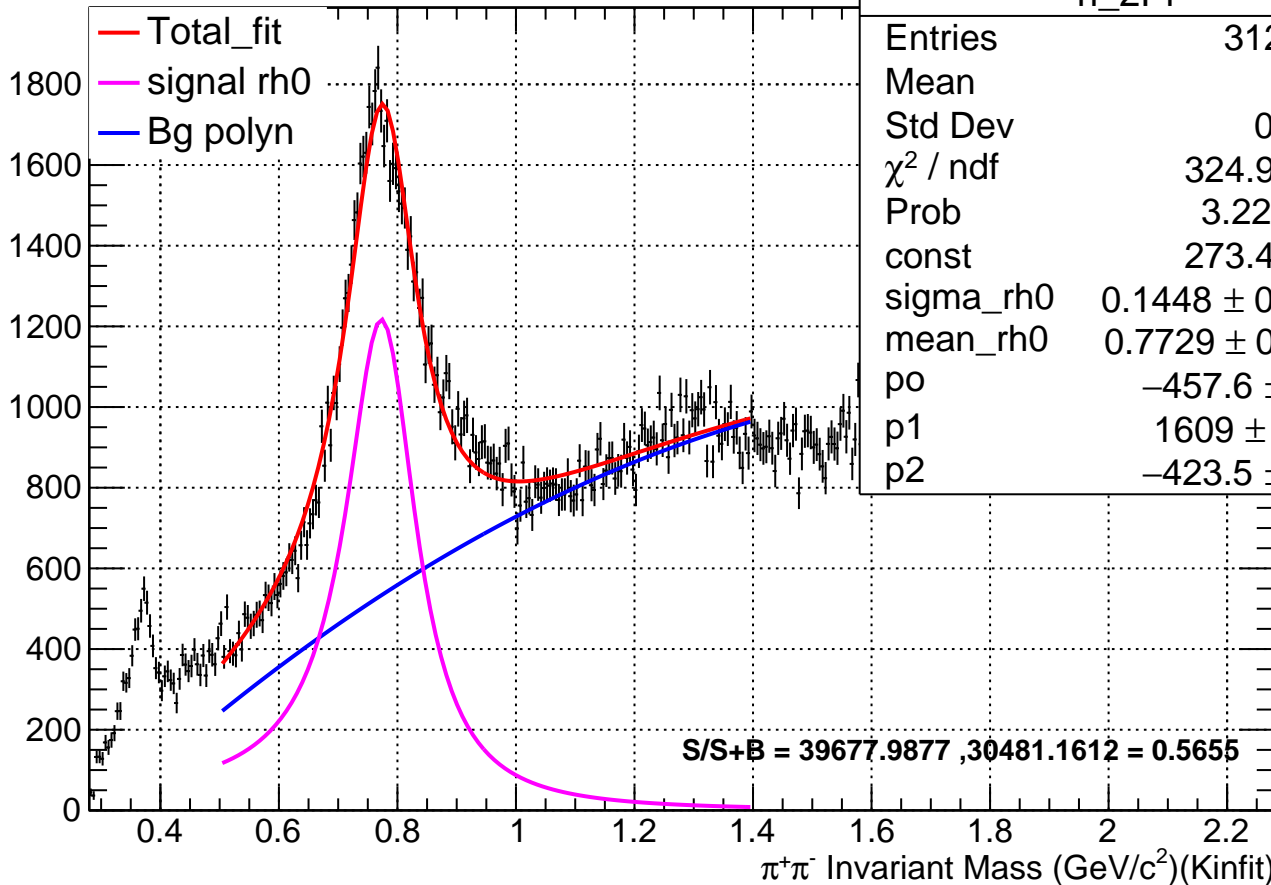
Coplanarity between Rho0 and Proton(165,195)

PipProt Invariant Mass < 1.3 && PimProt Invariant Mass 1.2

$|t| > 1$, $|u| > 1$ and tight cut on dE/dx of pions

Include pMinus cut

#Combos /200(MeV/c²)



| h_2Pi | |
|-----------------------|---------------------|
| Entries | 3125315 |
| Mean | 1.424 |
| Std Dev | 0.5477 |
| χ^2 / ndf | 324.9 / 174 |
| Prob | 3.225e-11 |
| const | 273.4 \pm 6.9 |
| sigma_rho0 | 0.1448 \pm 0.0037 |
| mean_rho0 | 0.7729 \pm 0.0009 |
| p0 | -457.6 \pm 42.3 |
| p1 | 1609 \pm 103.4 |
| p2 | -423.5 \pm 57.8 |

Include MM2 and pMinus cut

