

## List of Cuts applied

**$0.3 < MM^2 < 1.7$  (Missing Mass Squared)**

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

**$C.L > 0.001$**

**BeamEnergy  $> 6.5$  GeV**

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

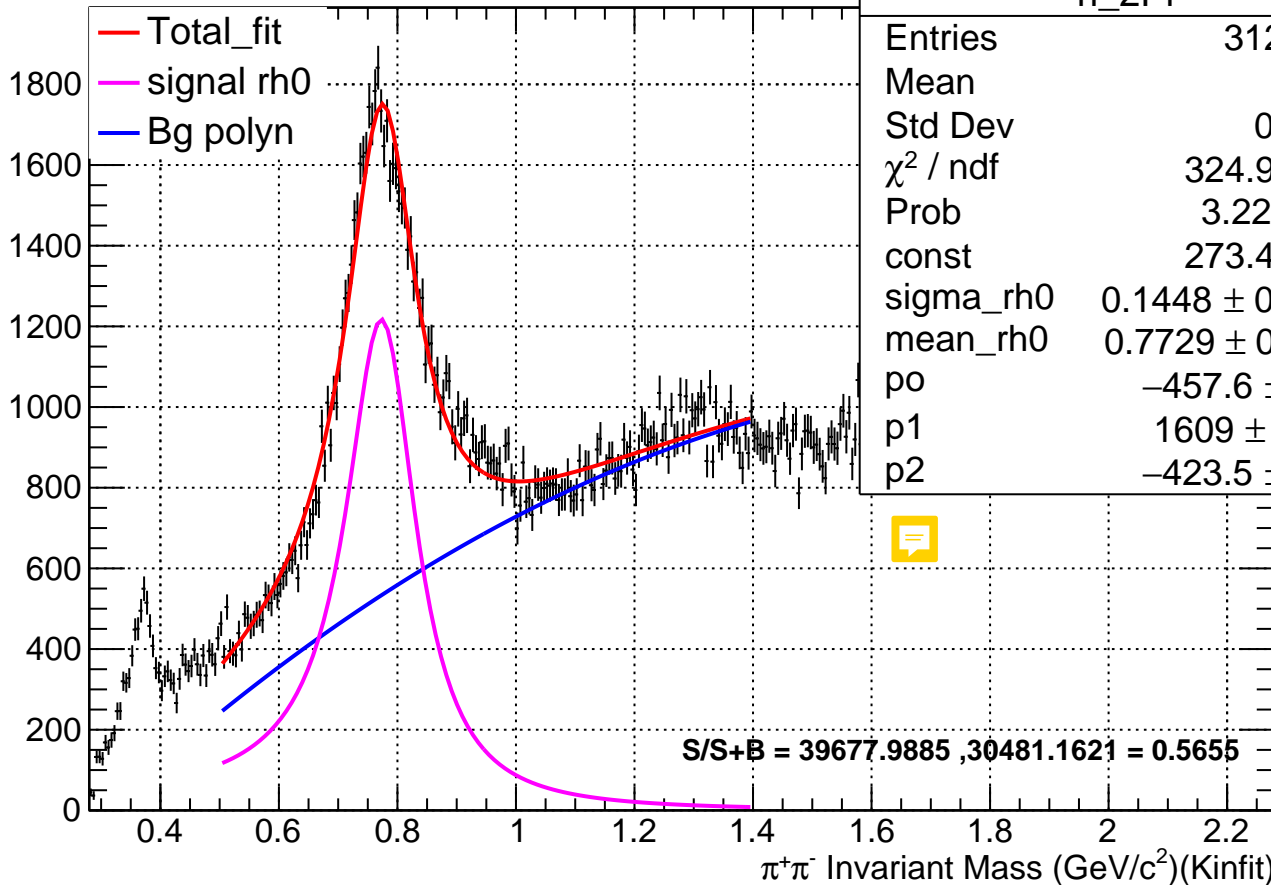
**Coplanarity between Rho0 and Proton(165,195)**

**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/c<sup>2</sup>)



h_2Pi	
Entries	3125315
Mean	1.424
Std Dev	0.5477
$\chi^2 / \text{ndf}$	324.9 / 174
Prob	3.225e-11
const	273.4 $\pm$ 6.9
sigma_rh0	0.1448 $\pm$ 0.0037
mean_rh0	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

