

**Pion Physics ProdCoin Setting**  
**Q3p85\_W2p62\_t0p21\_loweps\_center**

**Red = SIMC**

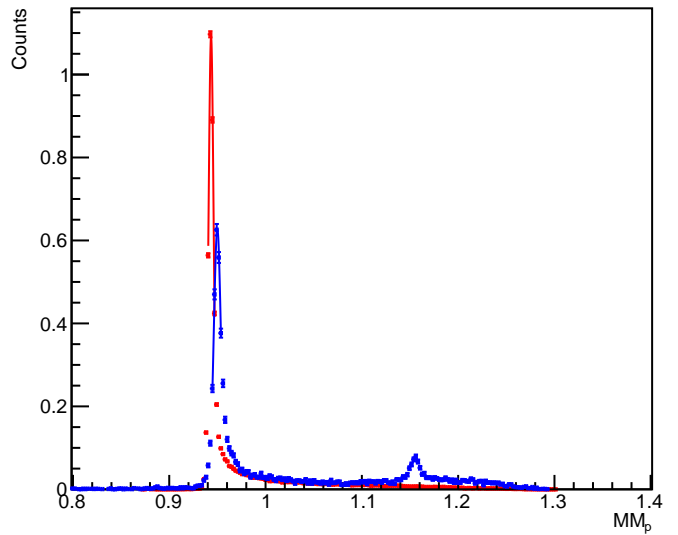
**Blue = DATA**

**Mean MMpi DATA = 0.9499**

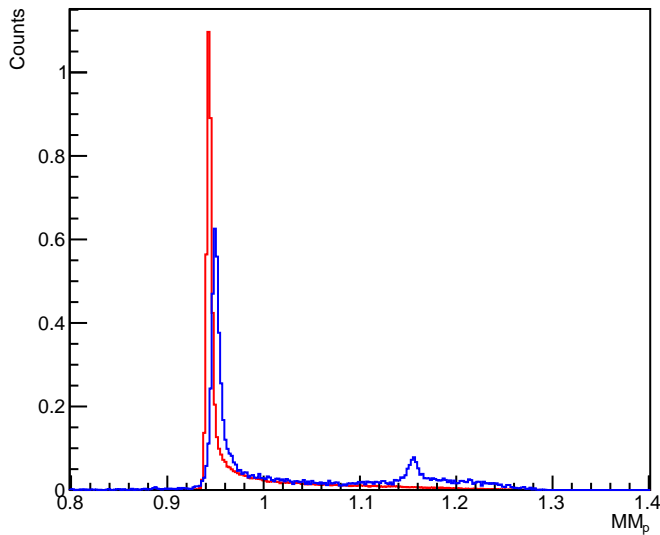
**Mean MMpi SIMC = 0.9434**

**Diff MMpi (SIMC - DATA) = -0.00649**

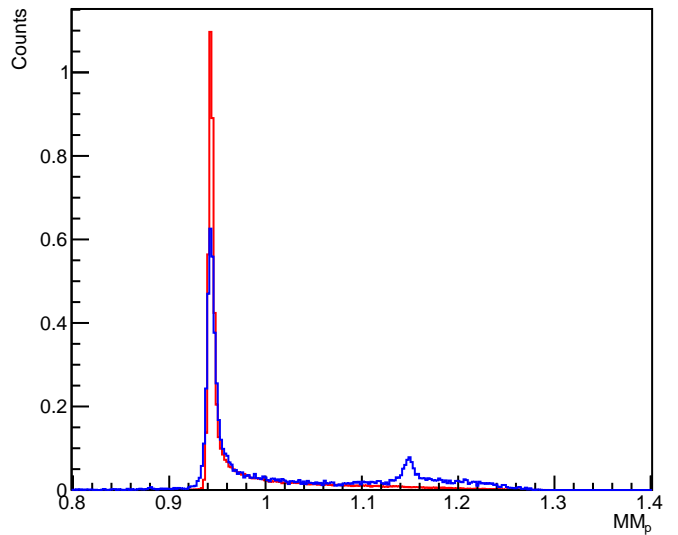
Missing Mass SIMC (cut\_all)



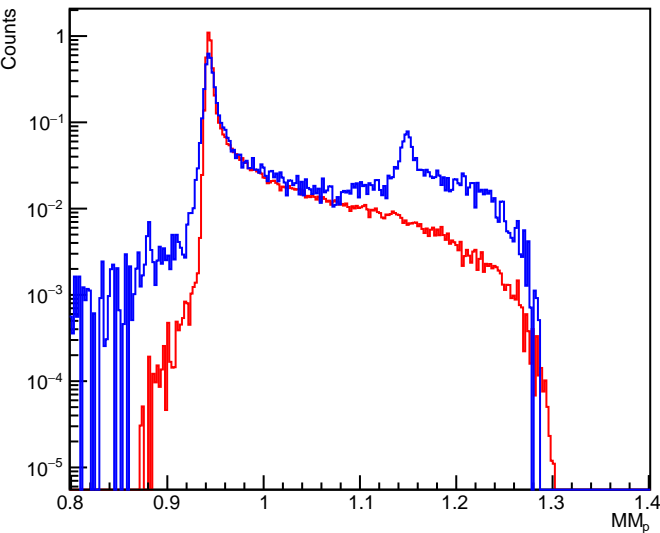
Missing Mass SIMC (cut\_all)



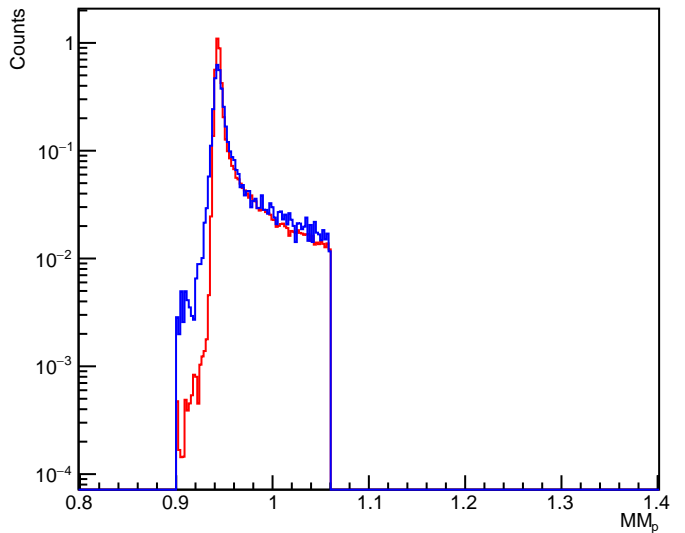
Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



**Pion Physics ProdCoin Setting**  
**Q3p85\_W2p62\_t0p21\_loweps\_left**

**Red = SIMC**

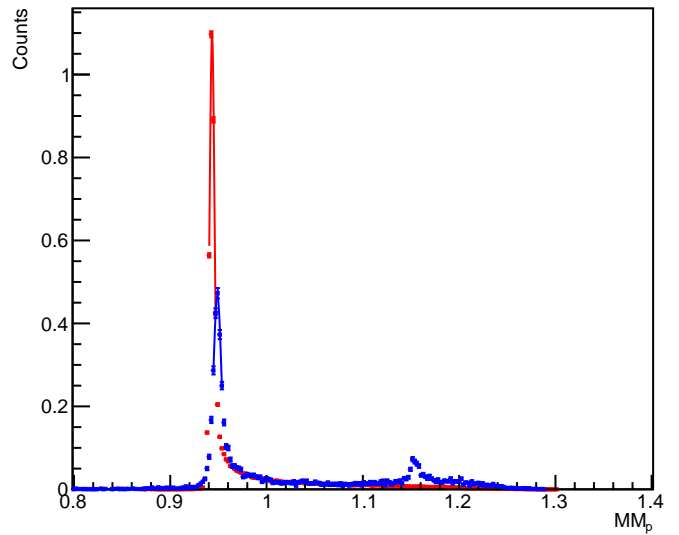
**Blue = DATA**

**Mean MMpi DATA = 0.9490**

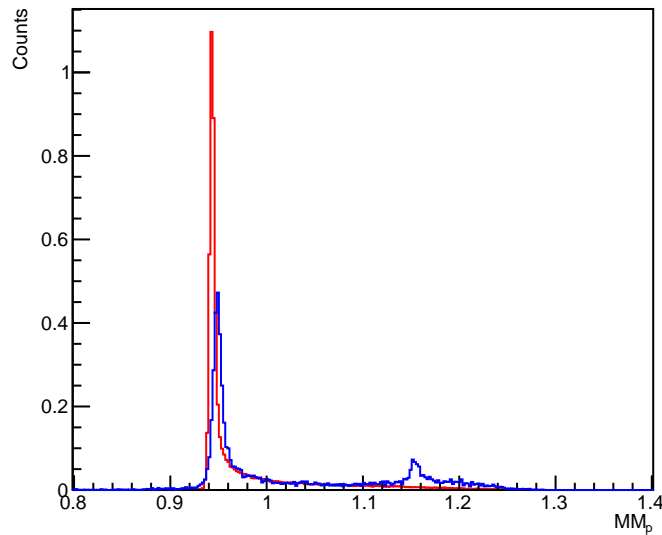
**Mean MMpi SIMC = 0.9434**

**Diff MMpi (SIMC - DATA) = -0.00552**

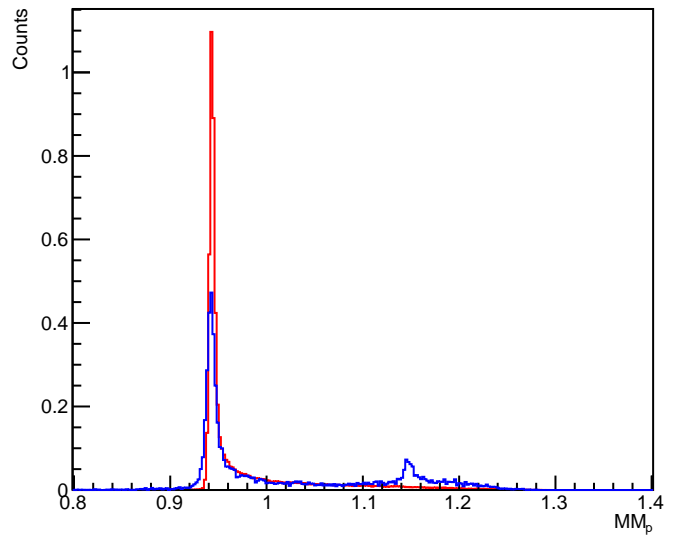
Missing Mass SIMC (cut\_all)



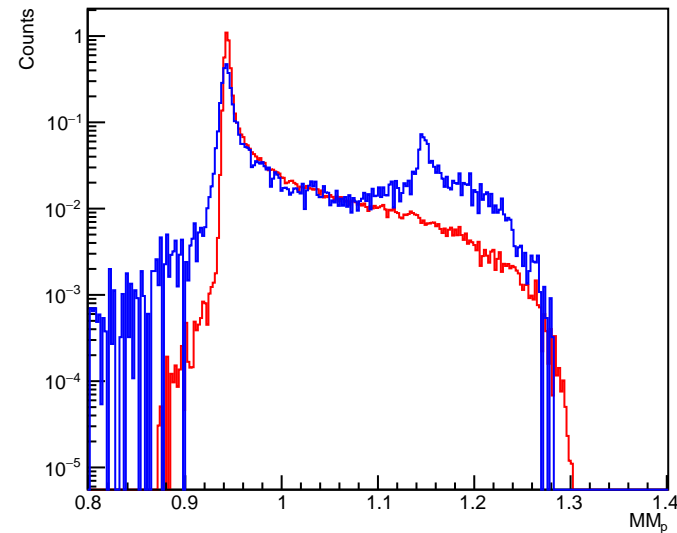
Missing Mass SIMC (cut\_all)



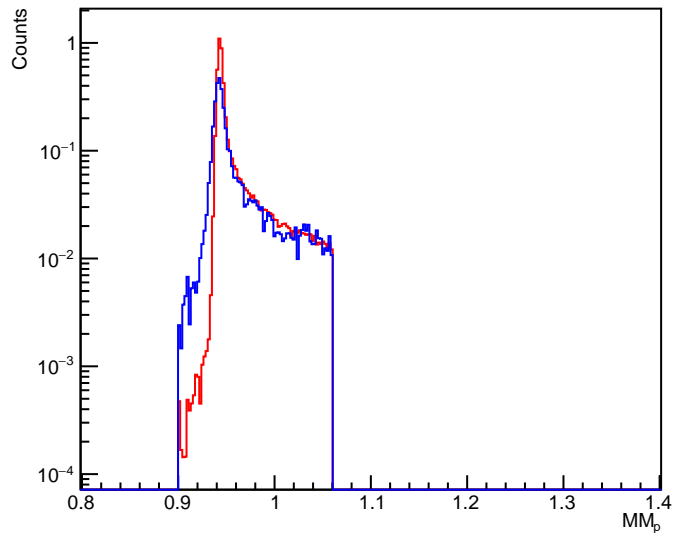
Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



# Pion Physics ProdCoin Setting

## Q3p85\_W2p62\_t0p21\_higheps\_right

Red = SIMC

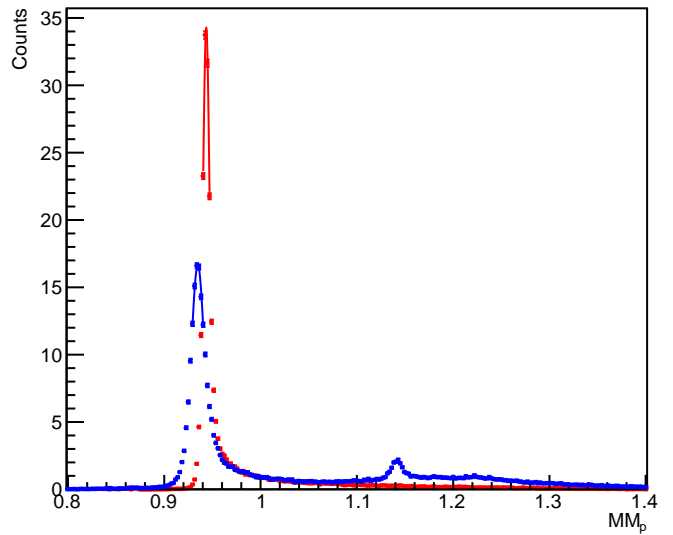
Blue = DATA

Mean MMpi DATA = 0.9349

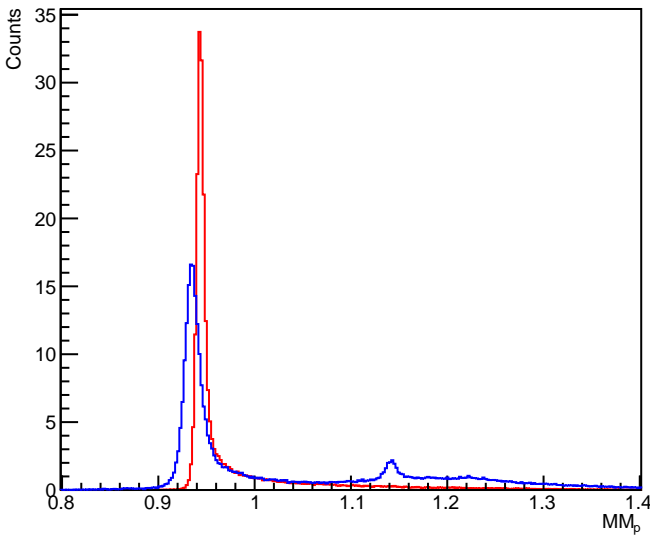
Mean MMpi SIMC = 0.9436

Diff MMpi (SIMC - DATA) = 0.00878

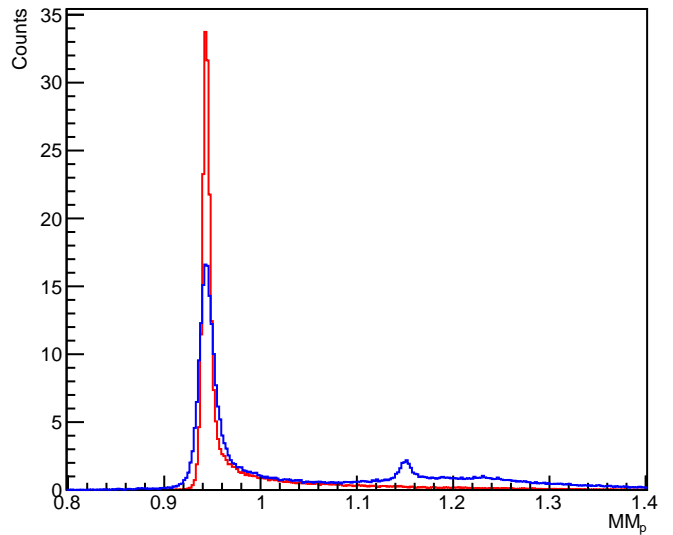
Missing Mass SIMC (cut\_all)



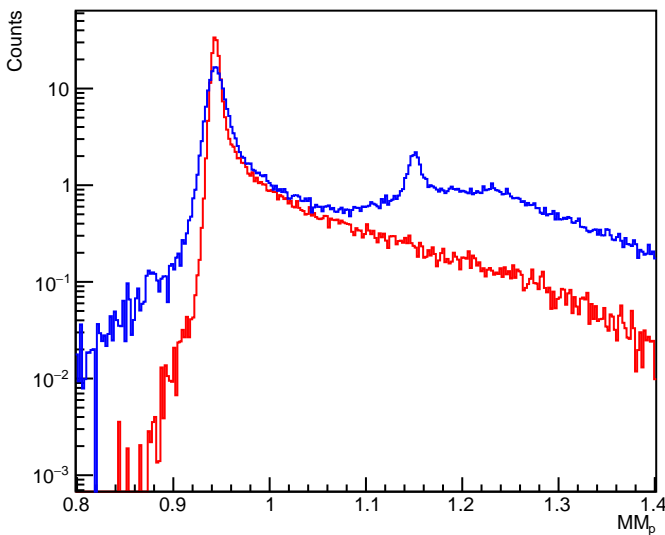
Missing Mass SIMC (cut\_all)



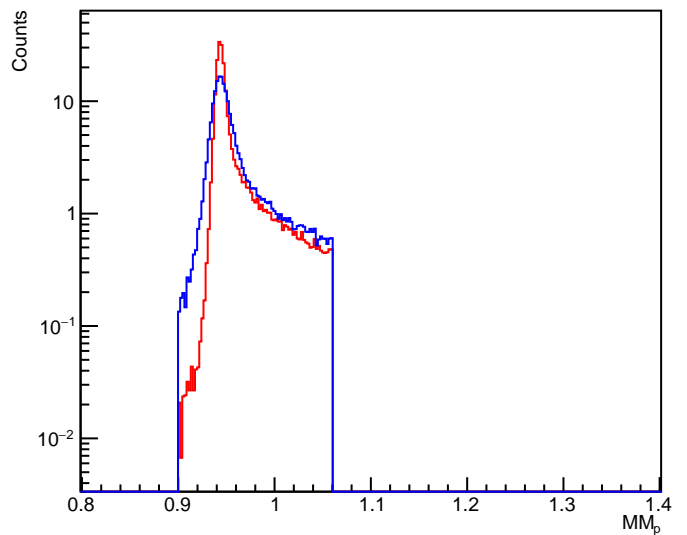
Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



**Pion Physics ProdCoin Setting**  
**Q3p85\_W2p62\_t0p21\_higheps\_center**

**Red = SIMC**

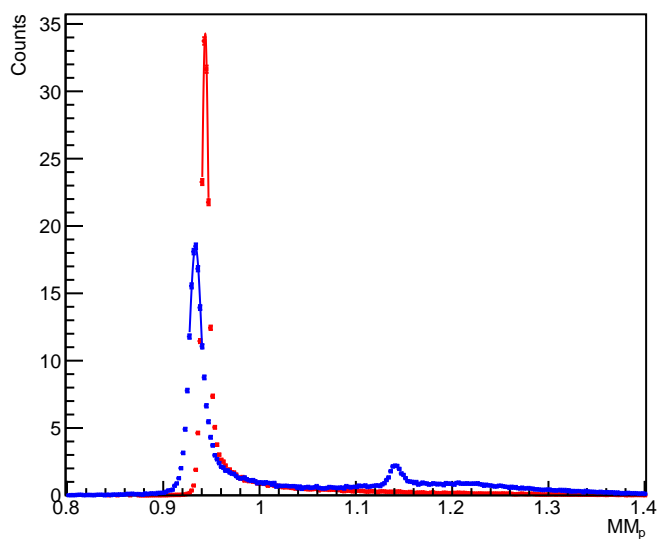
**Blue = DATA**

**Mean MMpi DATA = 0.9335**

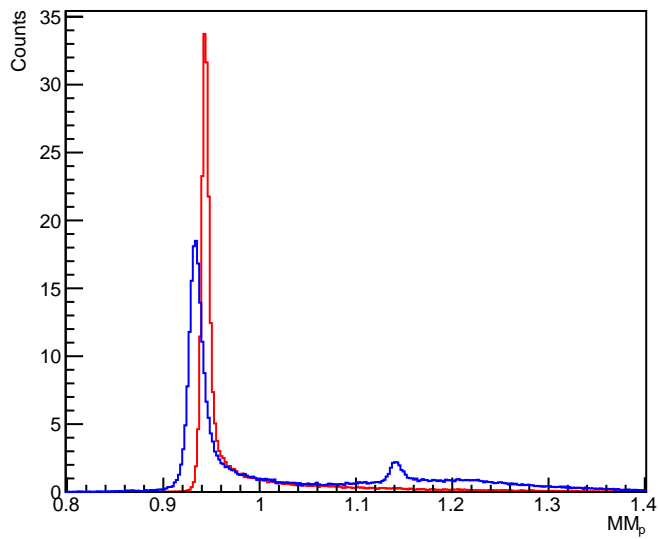
**Mean MMpi SIMC = 0.9436**

**Diff MMpi (SIMC - DATA) = 0.01012**

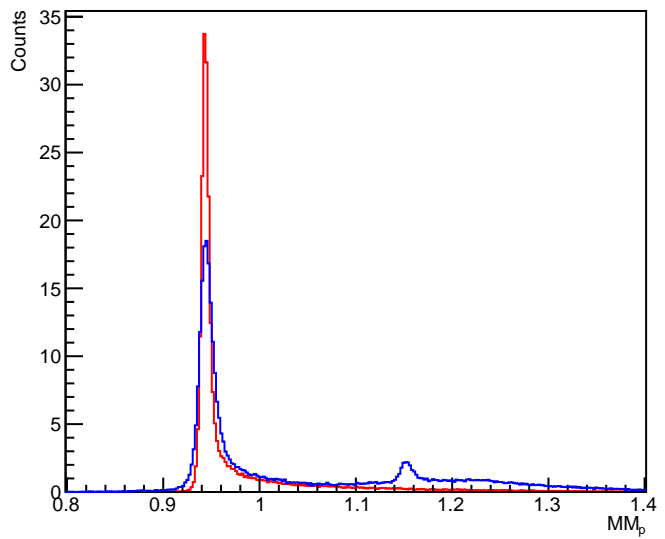
Missing Mass SIMC (cut\_all)



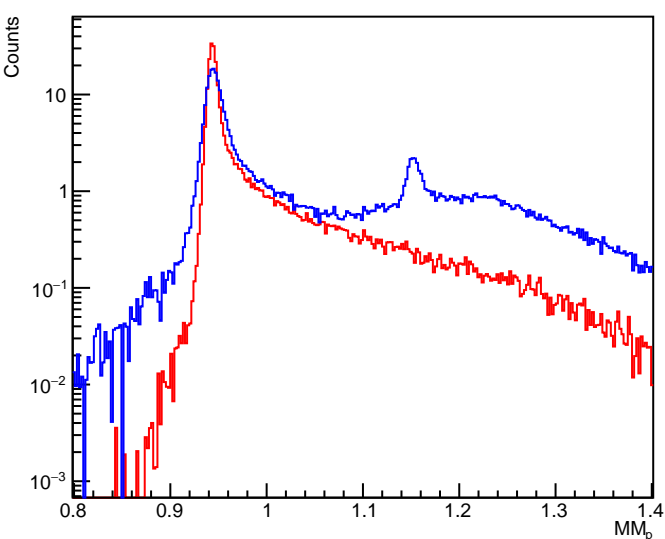
Missing Mass SIMC (cut\_all)



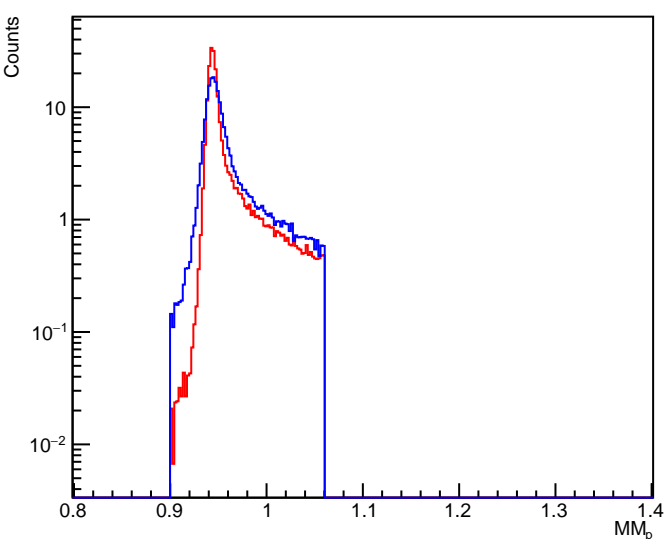
Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



# Pion Physics ProdCoin Setting

## Q3p85\_W2p62\_t0p21\_higheps\_left

Red = SIMC

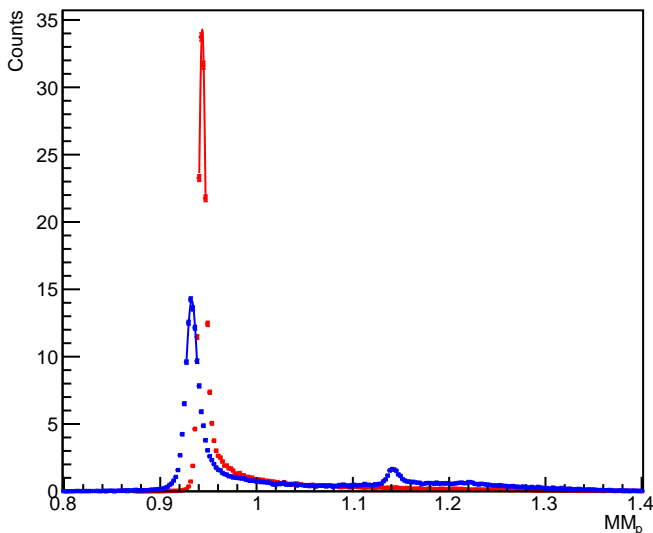
Blue = DATA

Mean MMpi DATA = 0.9327

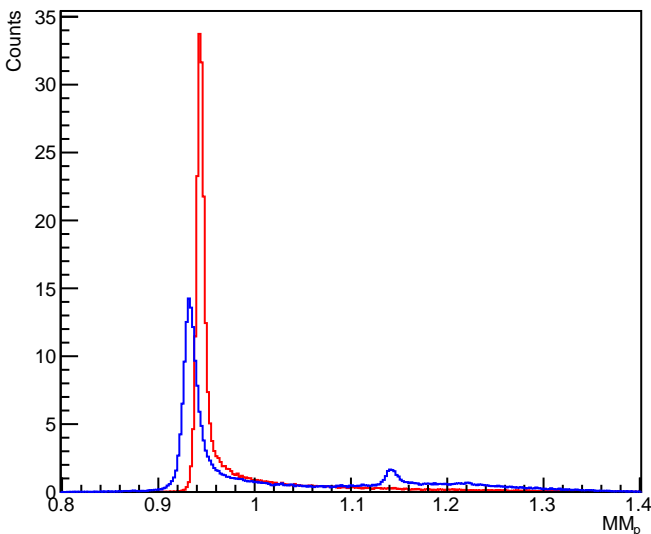
Mean MMpi SIMC = 0.9436

Diff MMpi (SIMC - DATA) = 0.01091

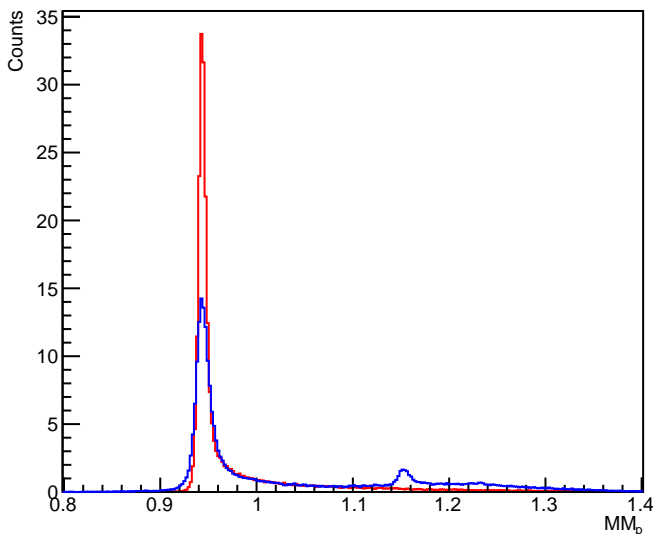
Missing Mass SIMC (cut\_all)



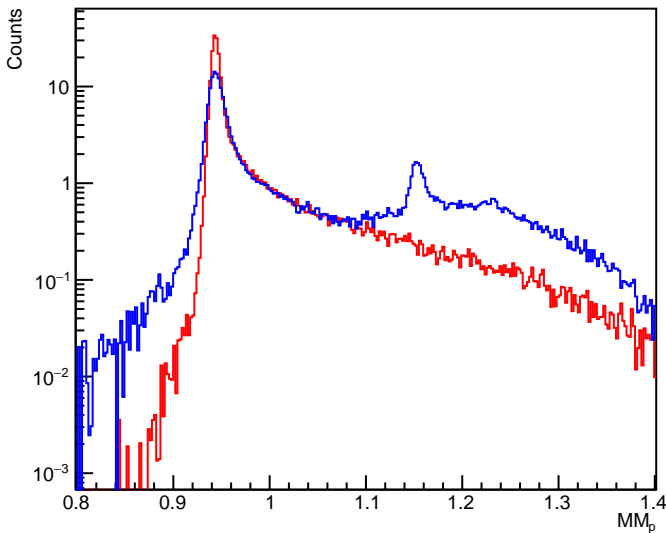
Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)



Missing Mass SIMC (cut\_all)

