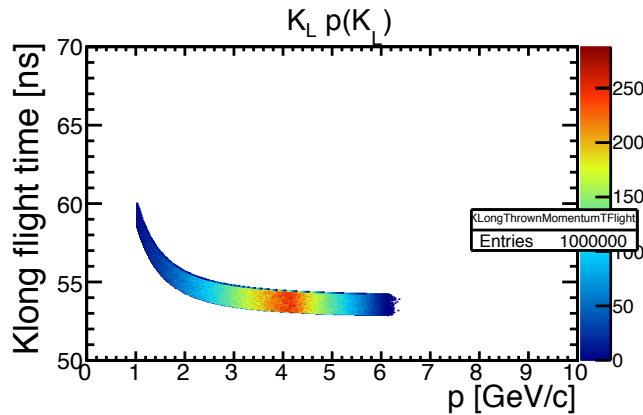
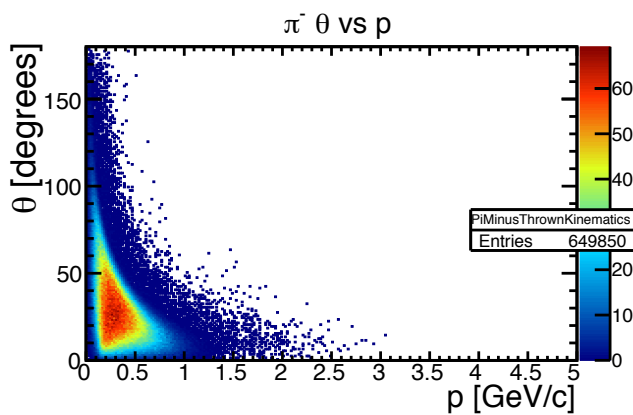
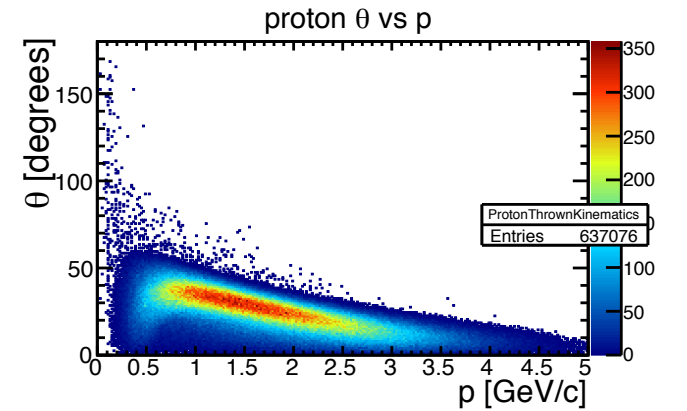
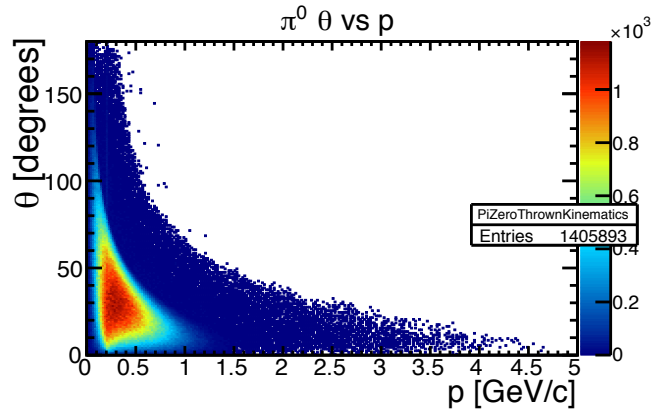
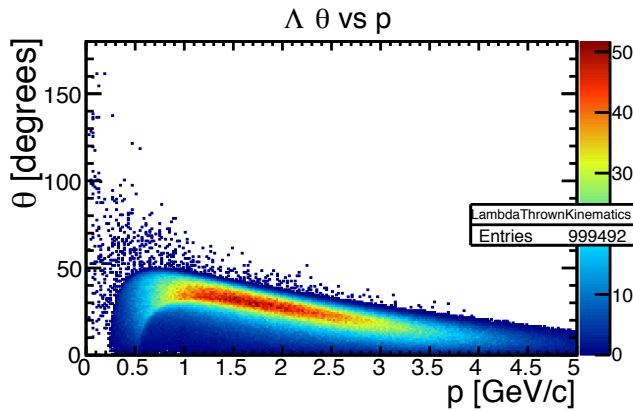
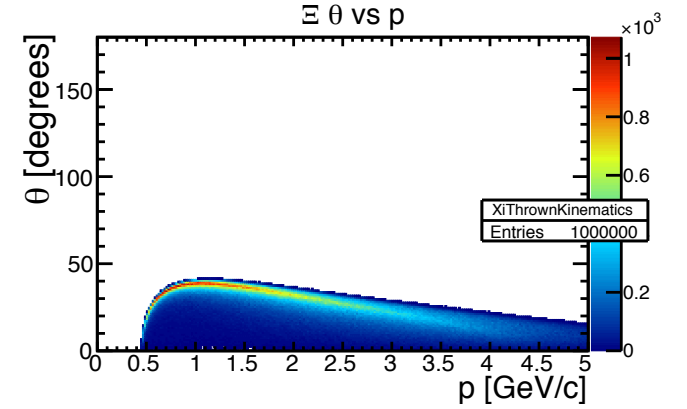
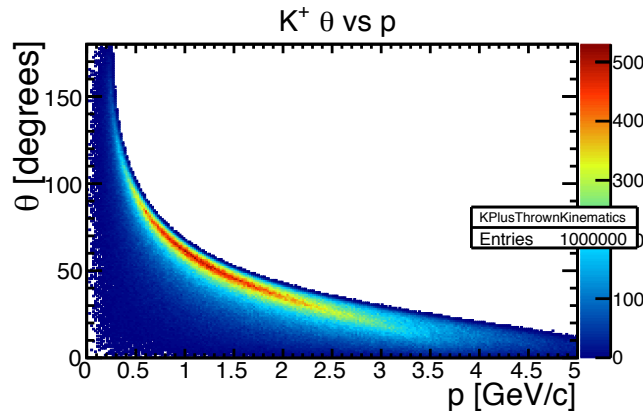
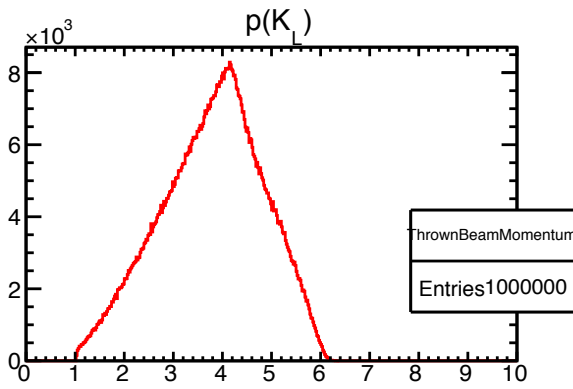
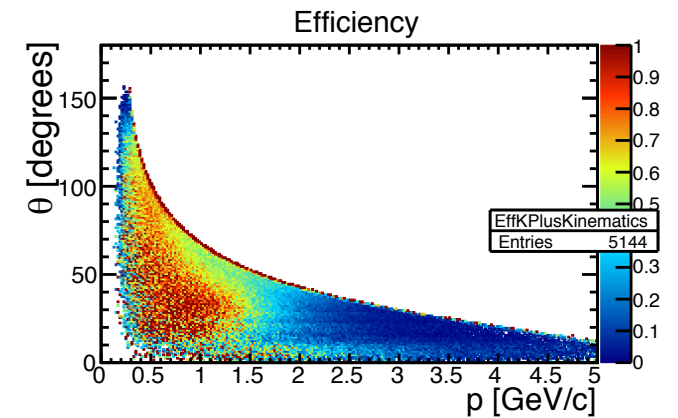
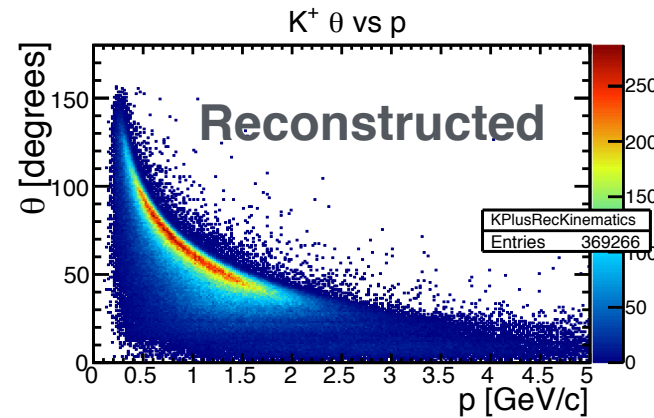
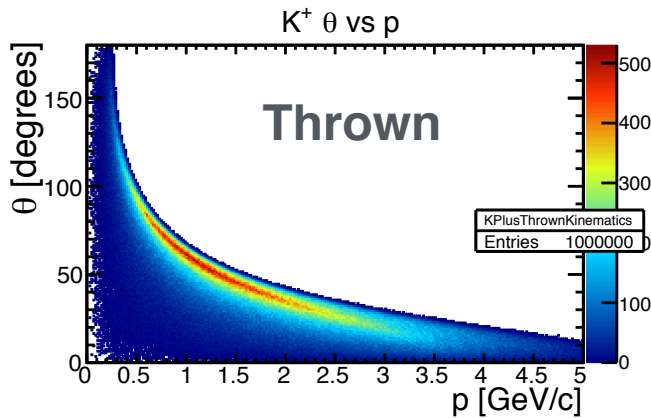
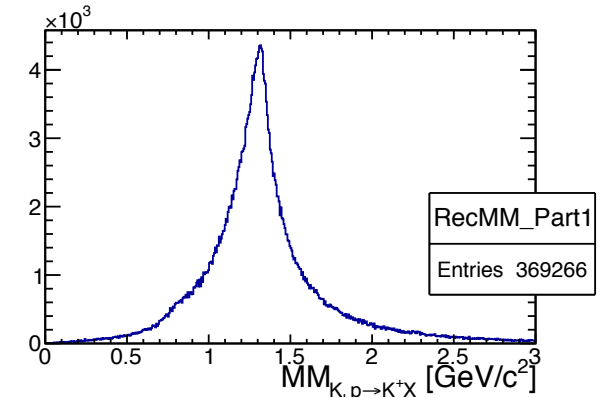
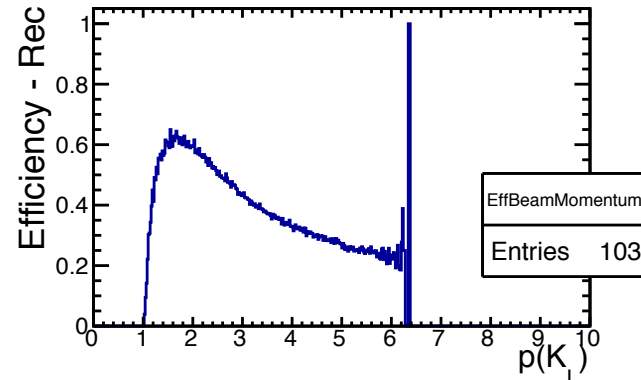
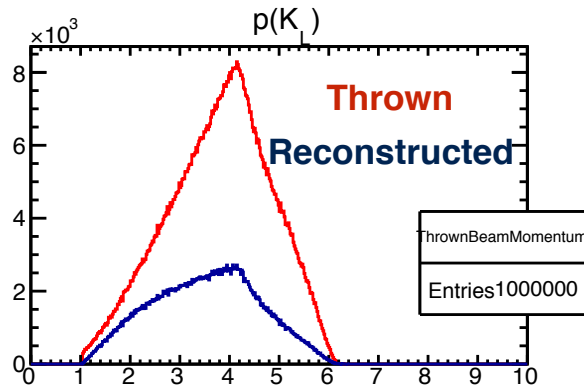


$$K_L p \rightarrow K^+ \Xi$$



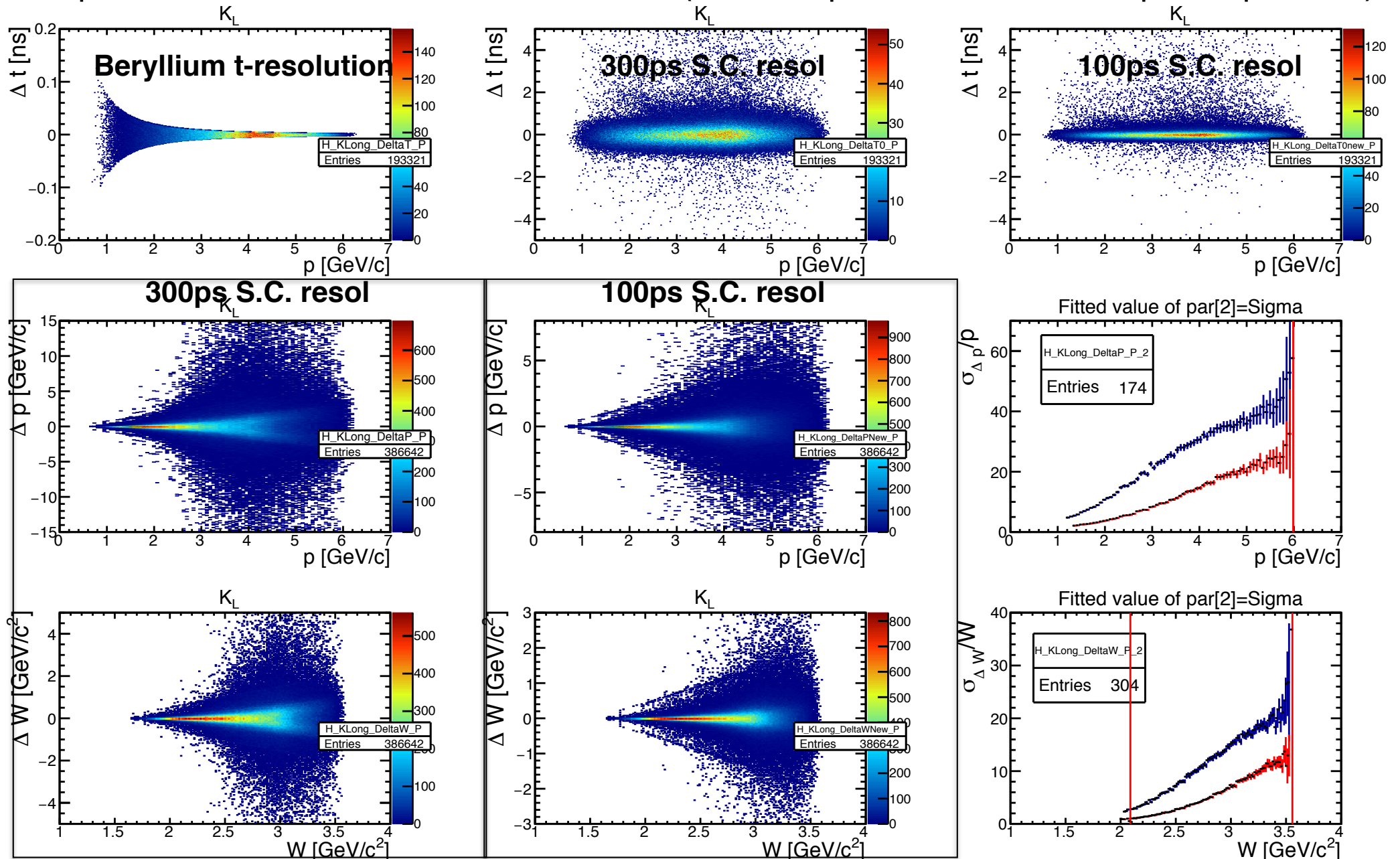
$$K_L p \rightarrow K^+ X$$

1 positive Kaon track events (no requirements on p or pions)



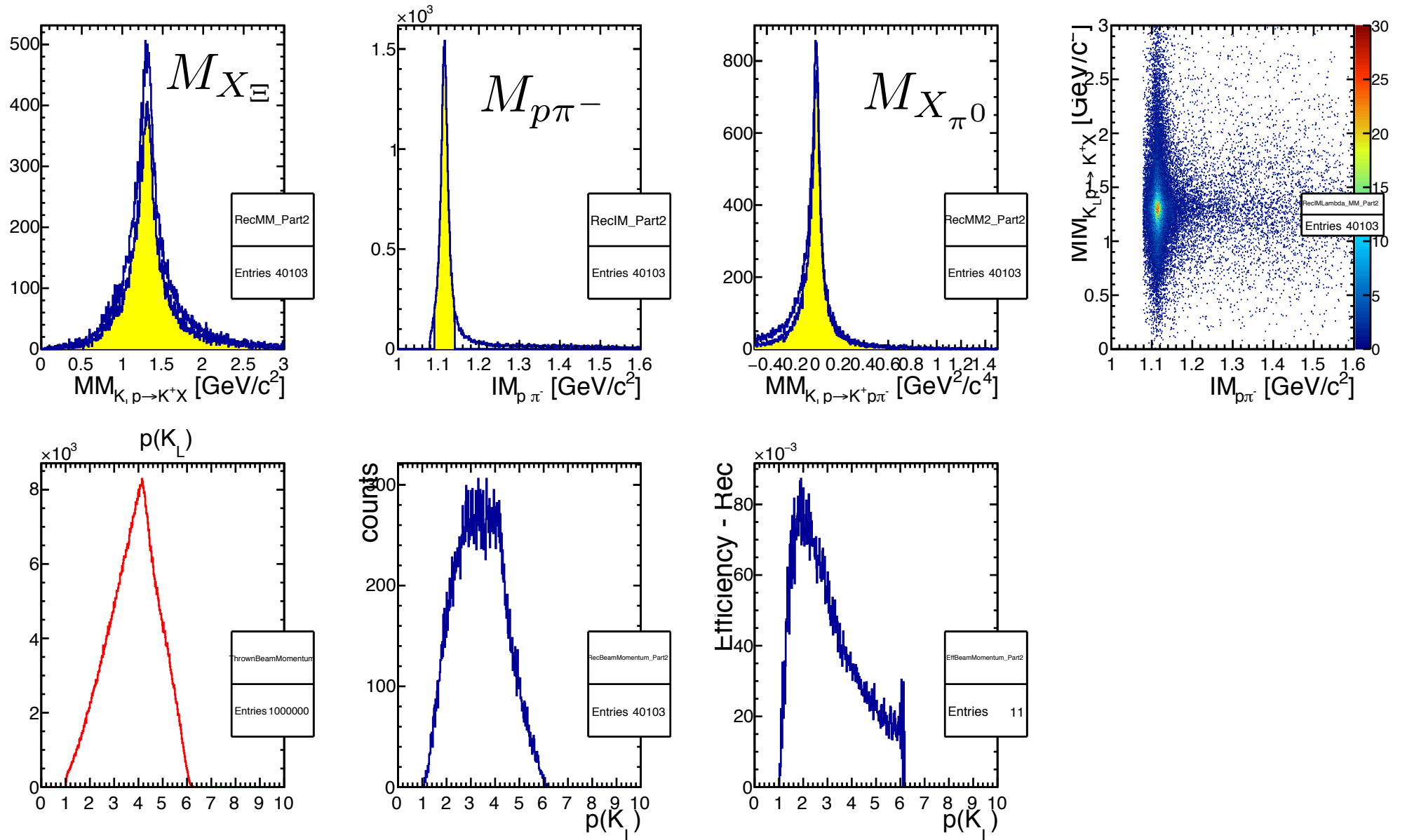
$$K_L p \rightarrow K^+ X$$

1 positive Kaon track events (no requirements on p or pions)



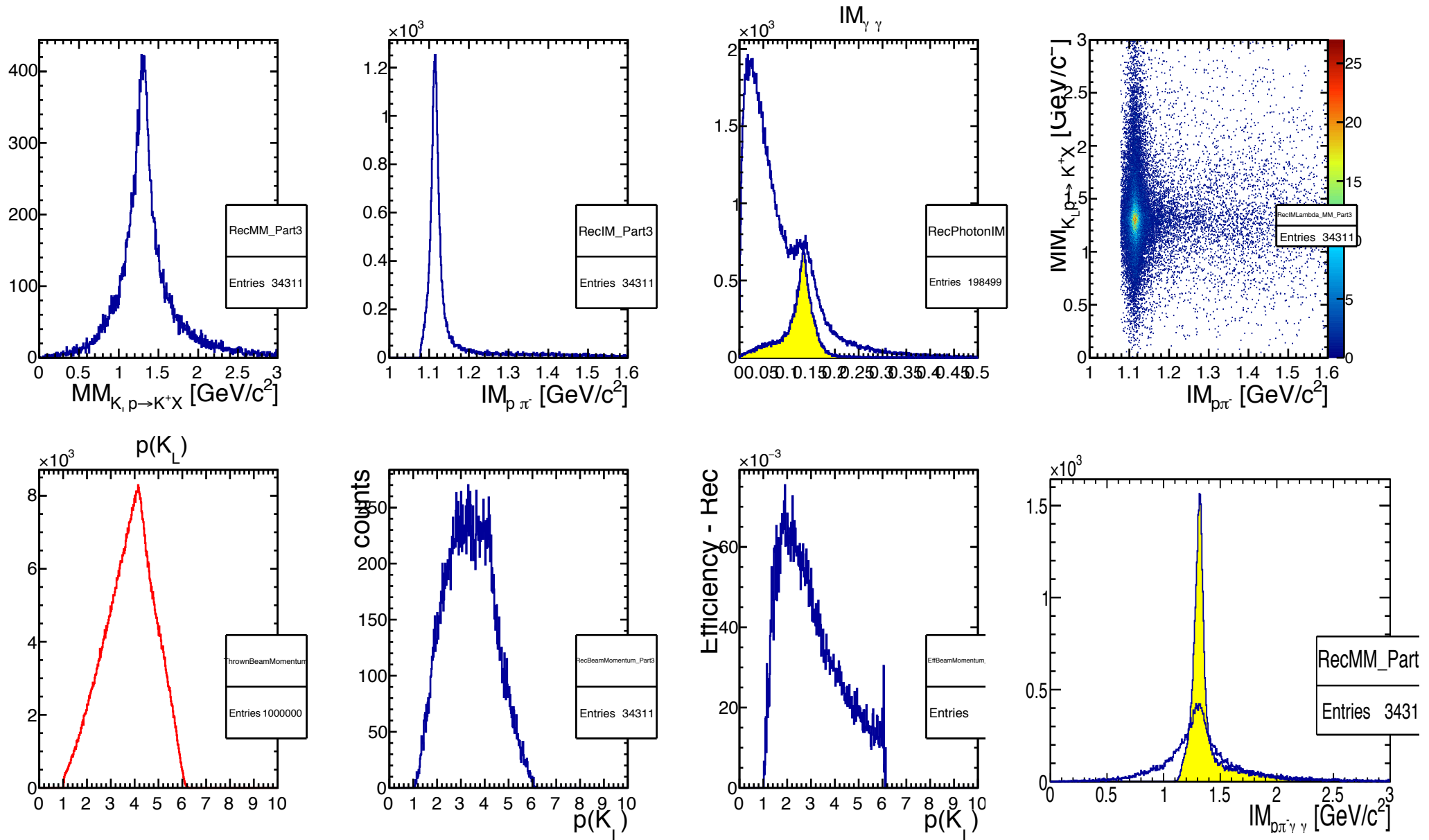
$$K_L p \rightarrow K^+ p \pi^- X$$

1kaon 1proton 1neg.pion events (no requirement on neutral)



$$K_L p \rightarrow K^+ p \pi^- \# \gamma$$

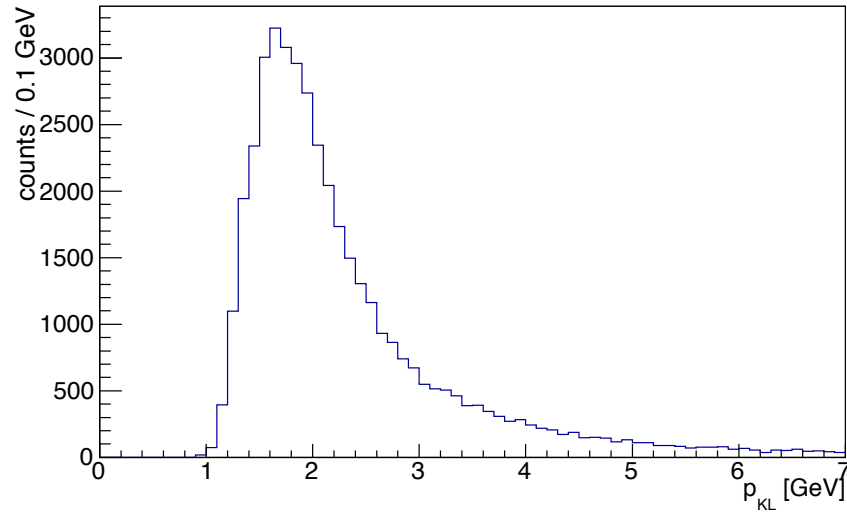
1kaon; 1proton; 1neg.pion; >1neutral



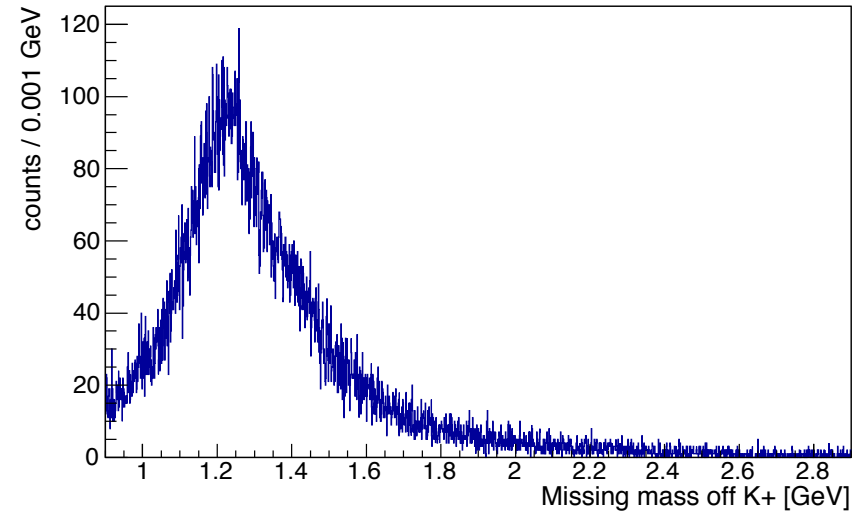
$$K_L p \rightarrow K^+ p \pi^- \# \gamma$$

Proposal

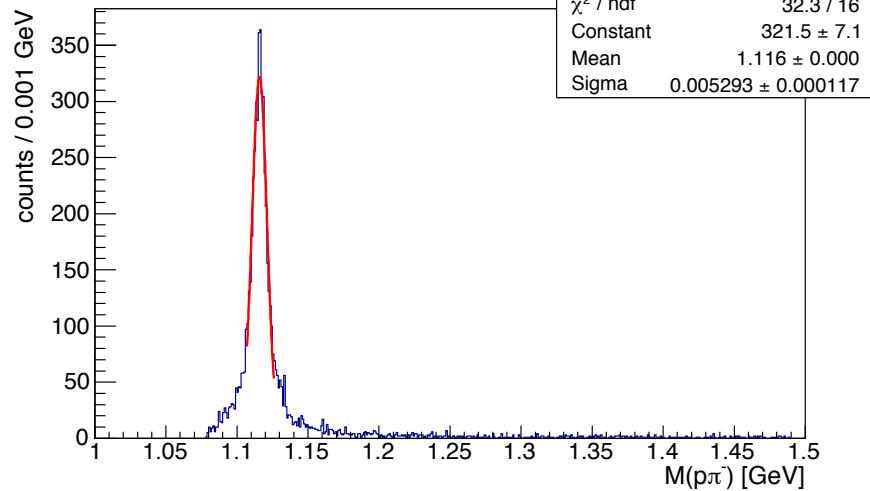
Reconstructed K_L momentum



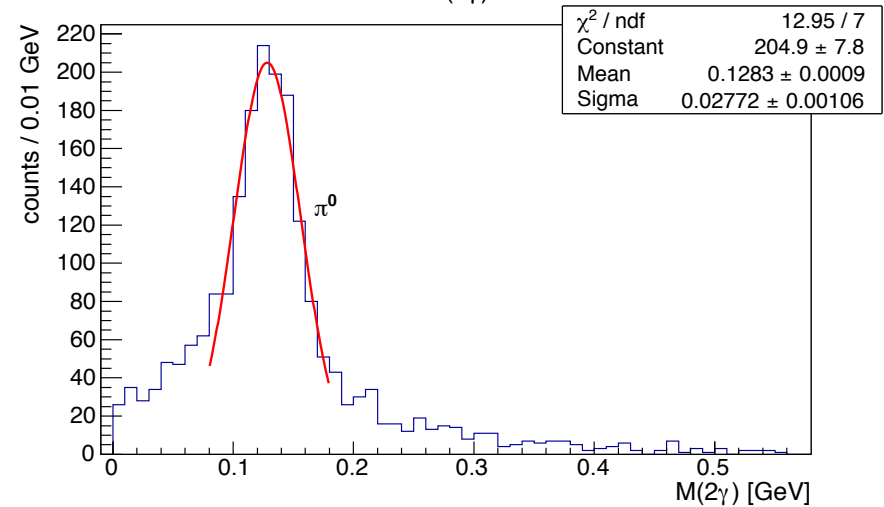
missing mass off K^+



$M(p\pi^-)$

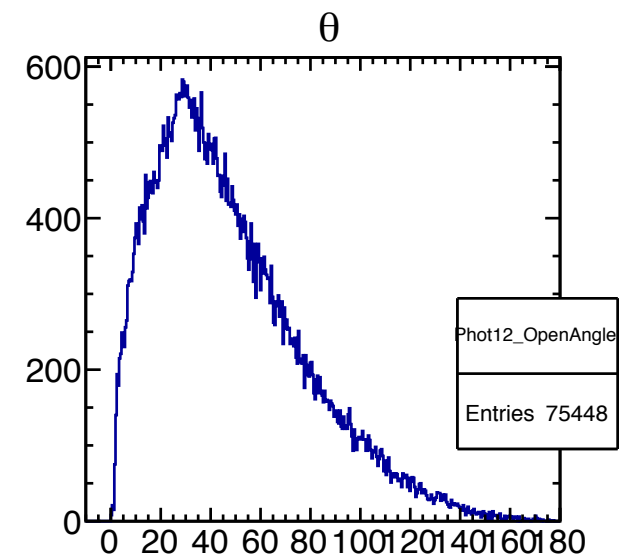
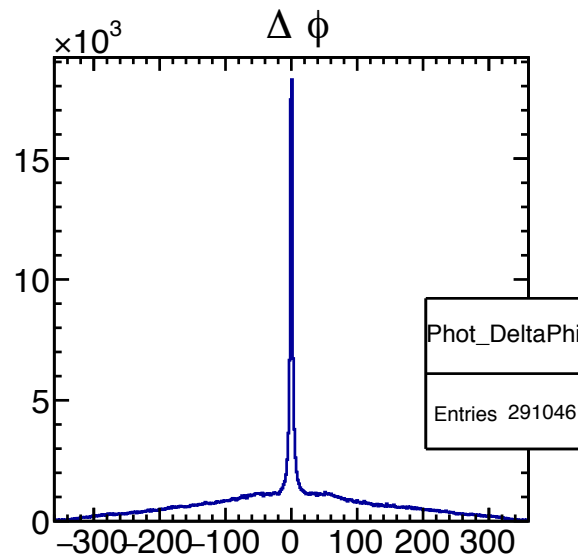
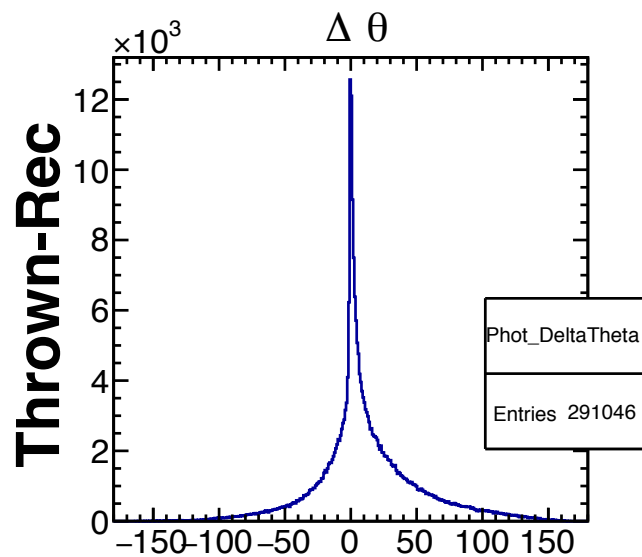
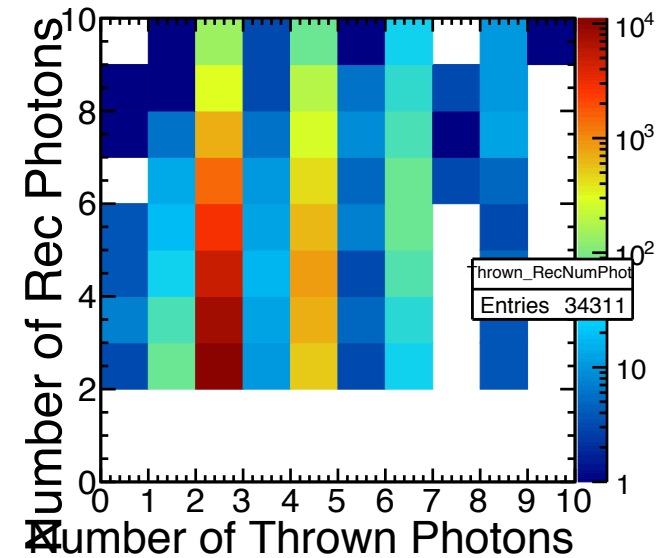
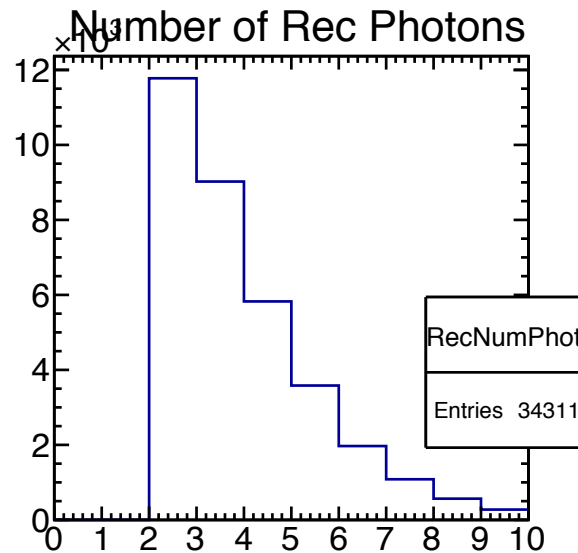
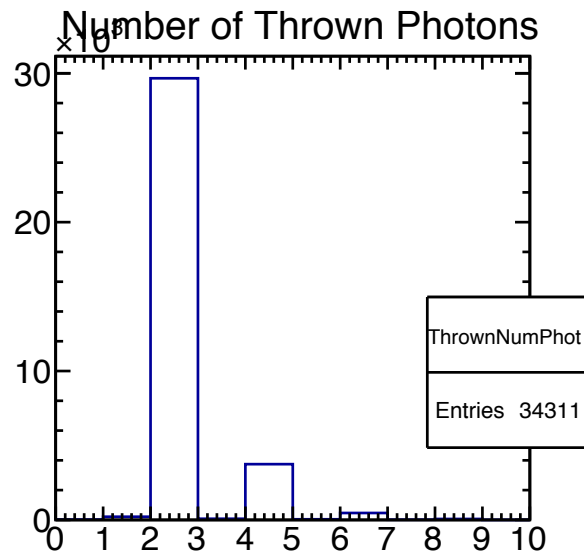


$M(2\gamma)$



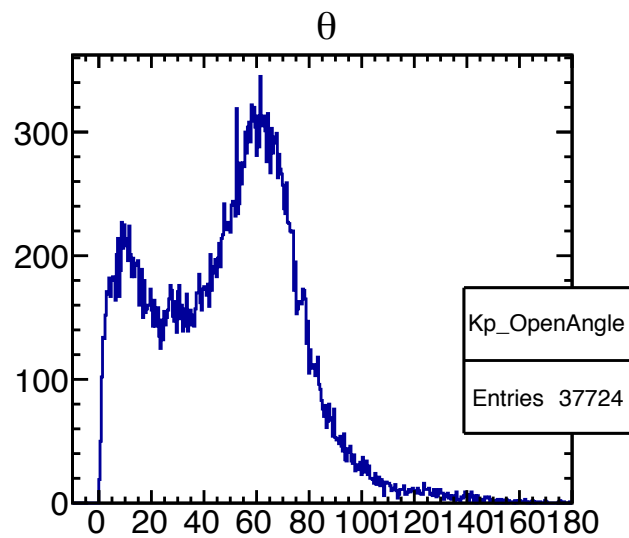
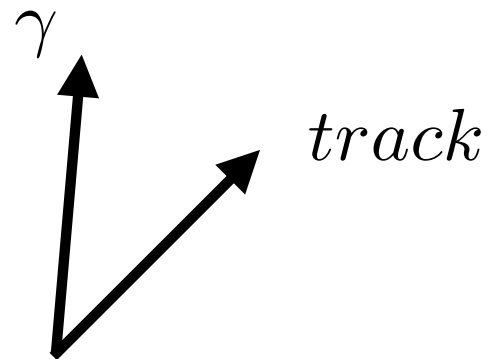
$$K_L p \rightarrow K^+ p \pi^- \# \gamma$$

1kaon 1proton 1neg.pion >1 neutral events

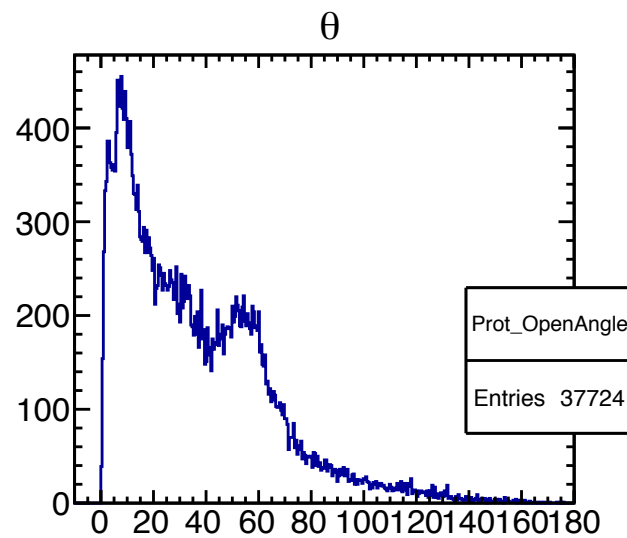




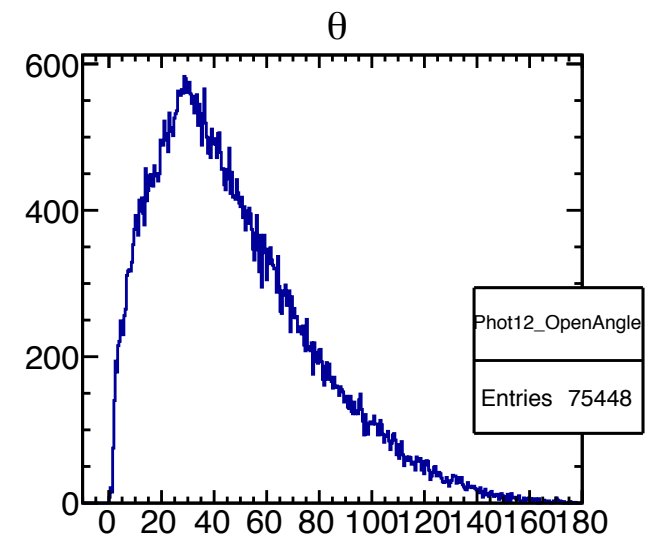
1kaon 1proton 1neg.pion >1 neutral events



$Track = K^+$



$Track = p$

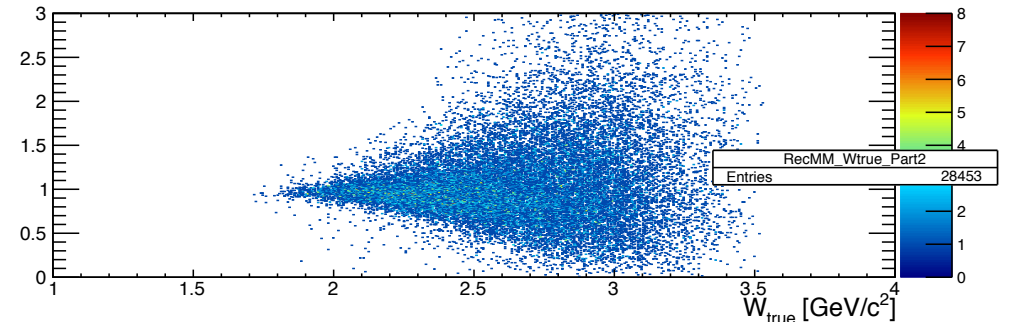
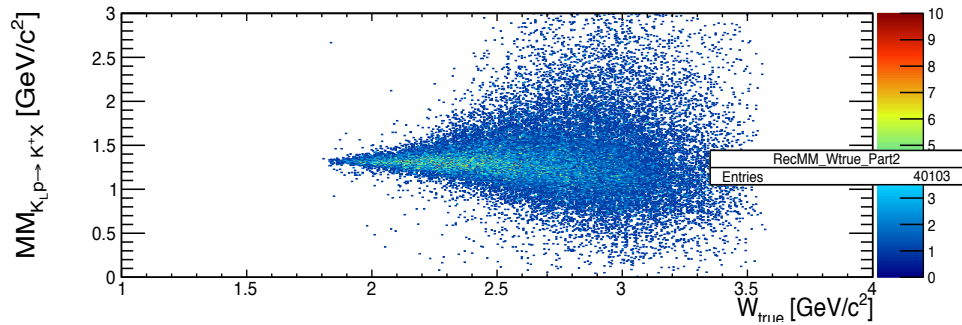
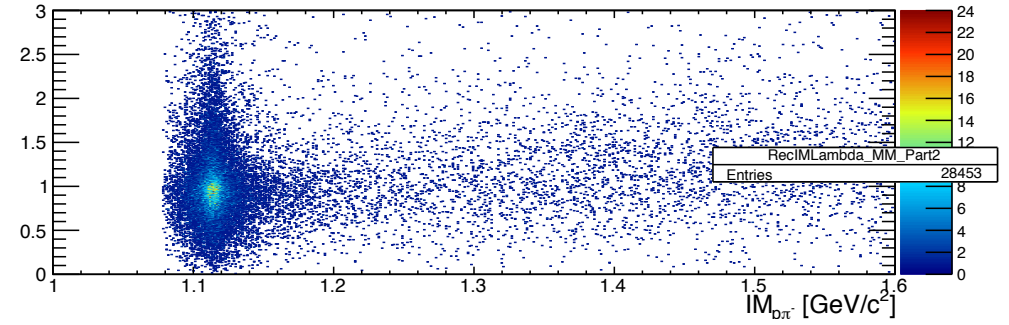
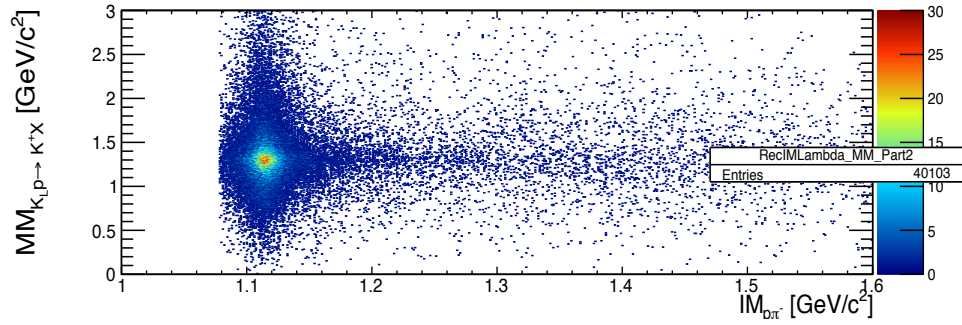


$Track = \pi^-$

when gamma is not the one thrown

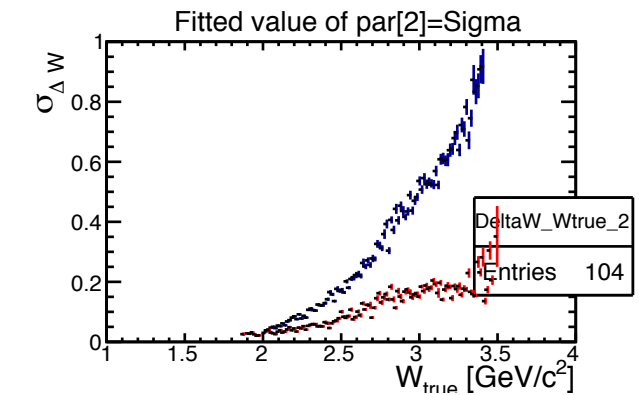
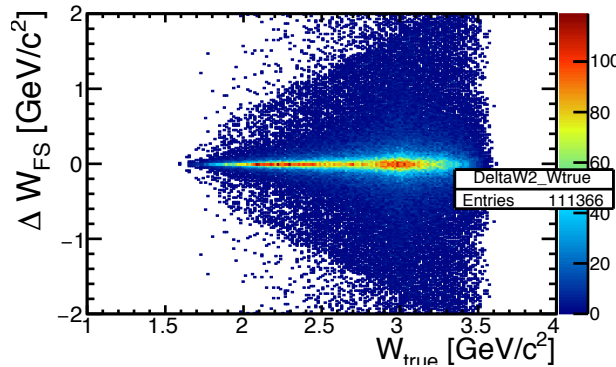
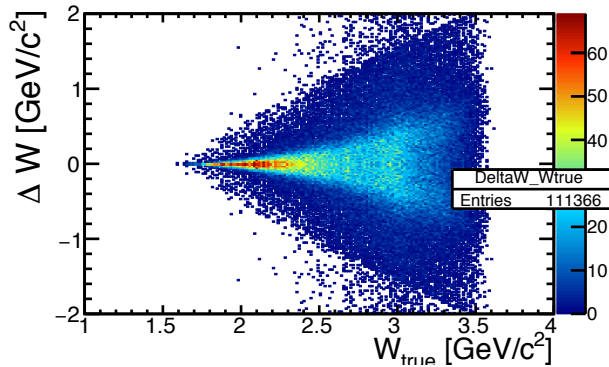
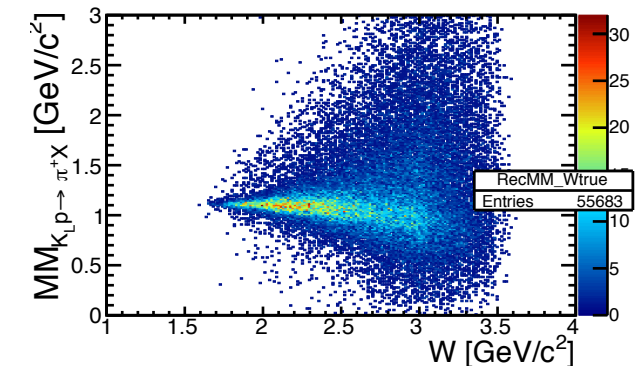
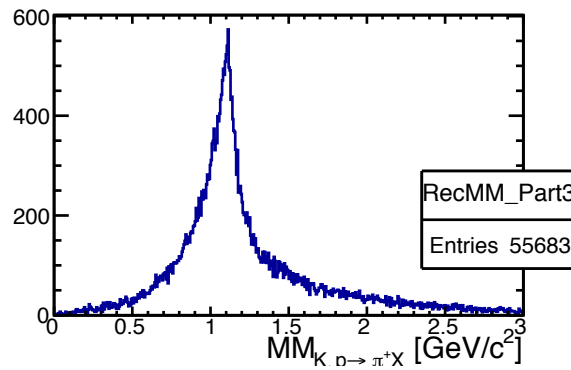
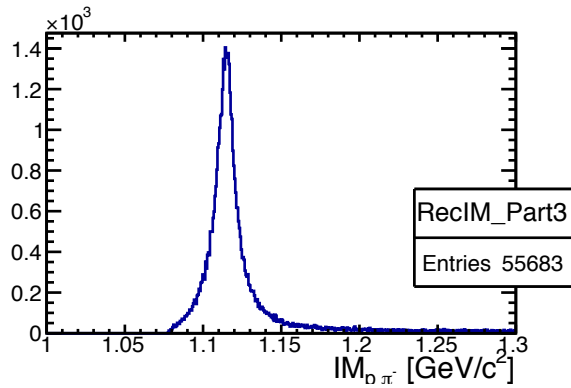
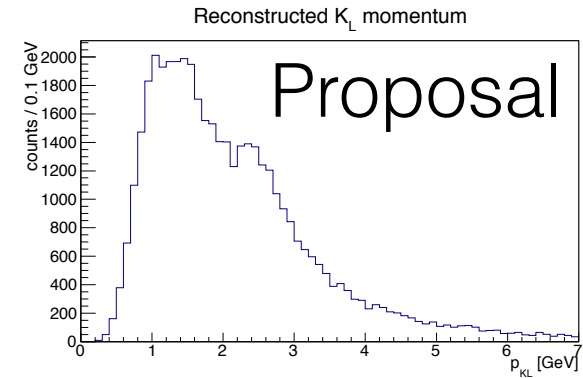
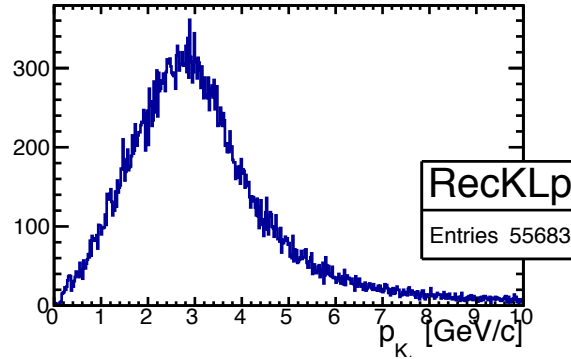
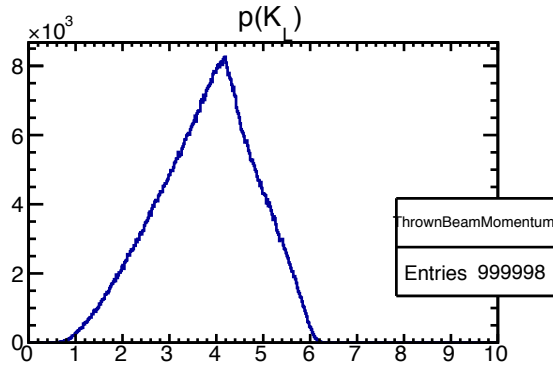
Reconstructed $K_L p \rightarrow K^+ p \pi^- X$

$K_L p \rightarrow K^+ \Xi$ **Generated** $K_L p \rightarrow \pi^+ \Lambda$



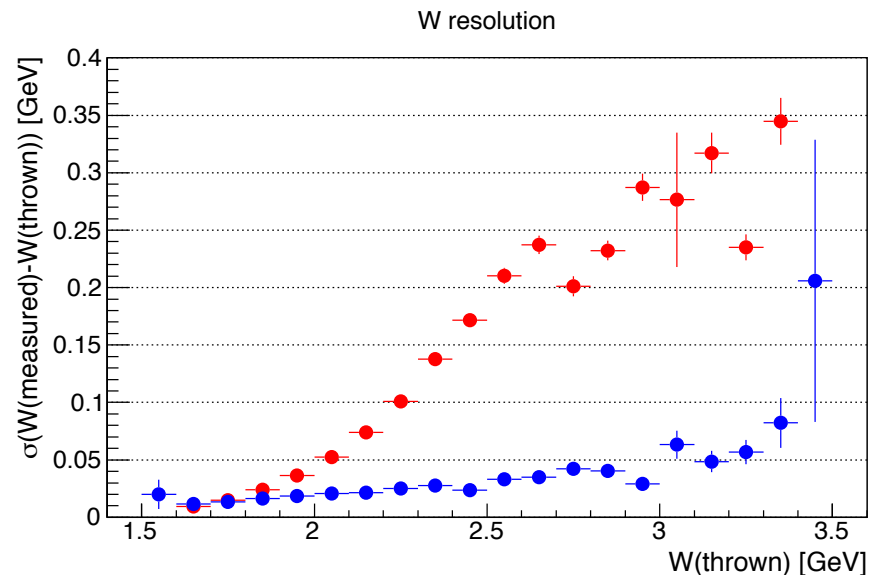
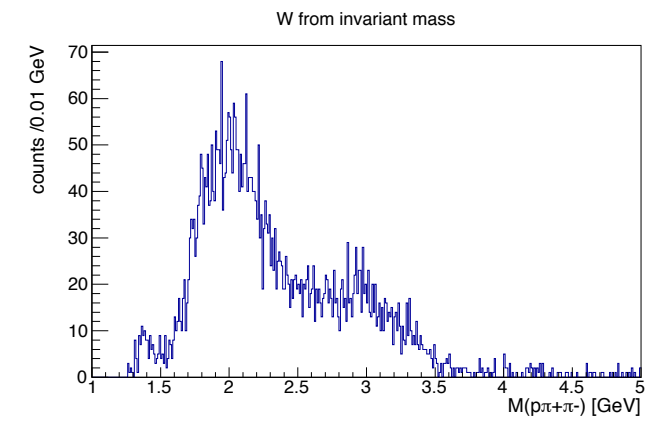
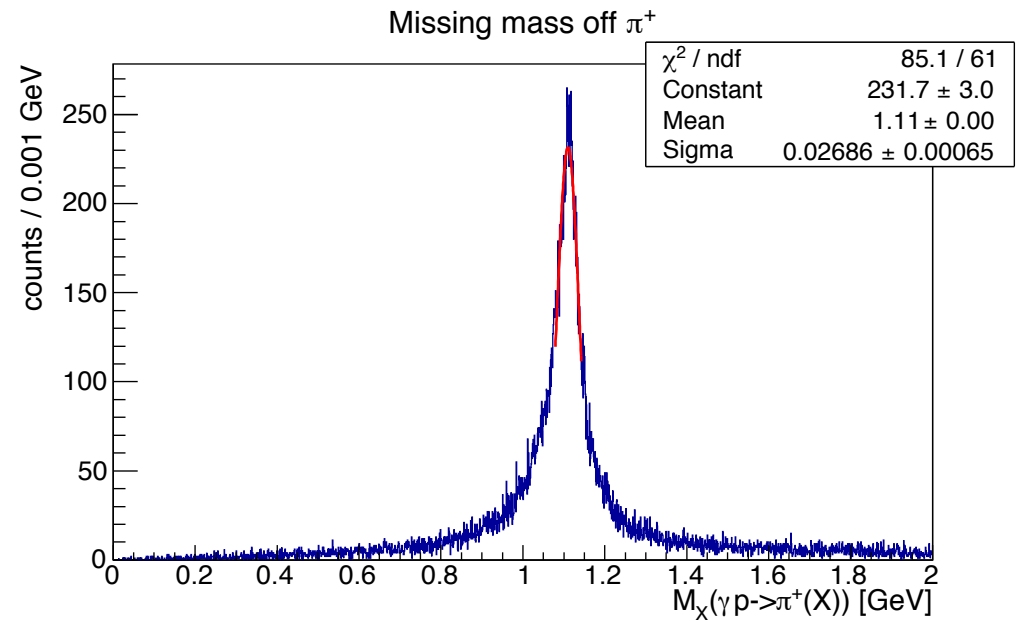
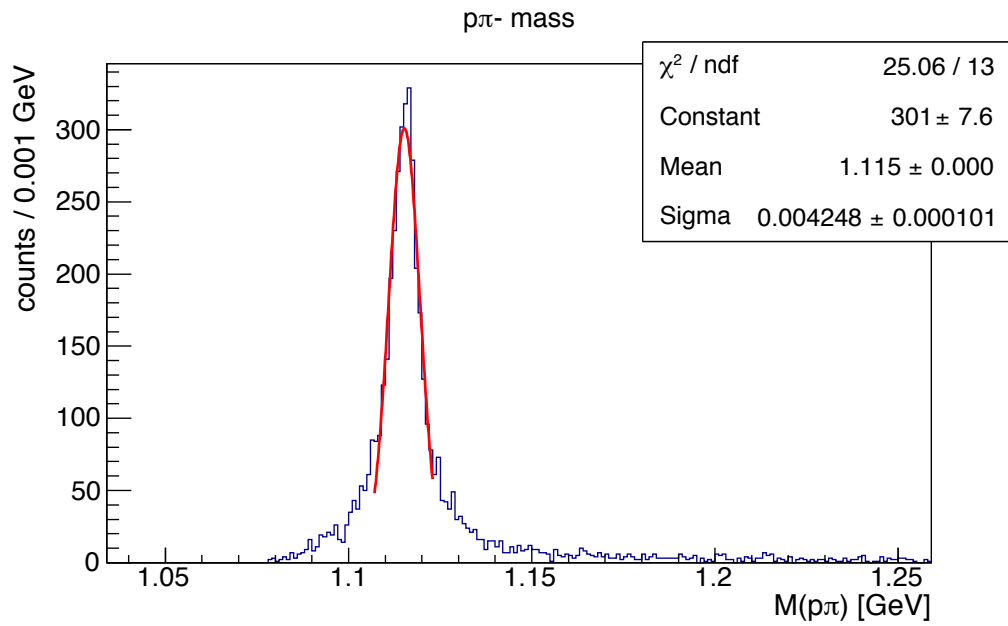
$$K_L p \rightarrow \pi^+ \Lambda$$

1proton 1piplus 1piminus



$$K_L p \rightarrow \pi^+ \Lambda$$

Proposal



$$K_L p \rightarrow \pi^+ \Lambda$$

1proton 1piplus 1piminus

