

# $\omega$ production

Including hadron interactions  
and decays

$$\gamma p \rightarrow \omega p$$

$$\rightarrow \pi^0 (\pi^+ \pi^-)$$

$$\rightarrow \gamma\gamma$$

*genr8* :

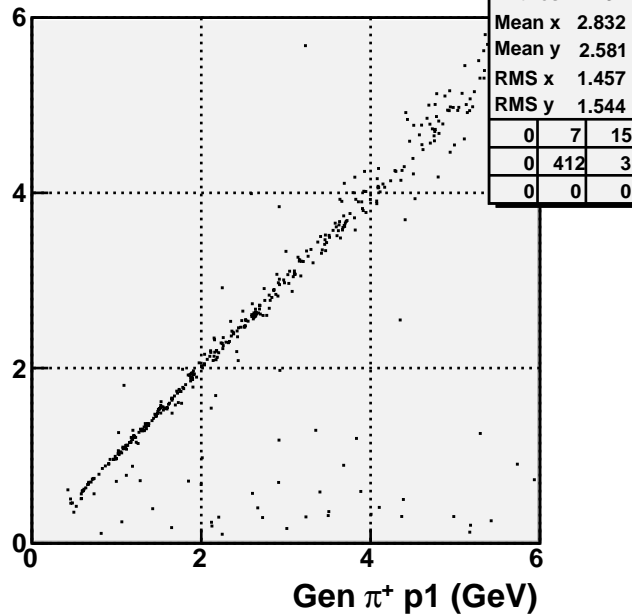
$$E_\gamma = 9 \text{ GeV}$$

$$b = 5 \text{ GeV}^{-2}$$

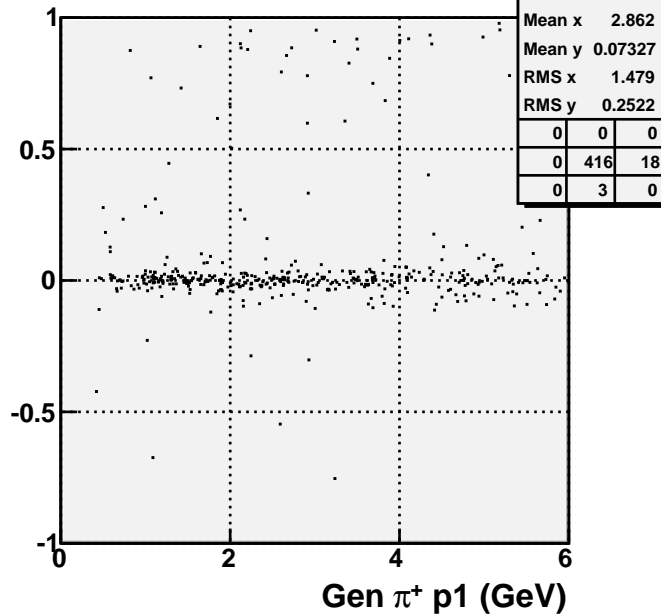
Nominal reconstruction "out of the box" for charged particles

Reconstruction of showers includes merging code in Fcal from David

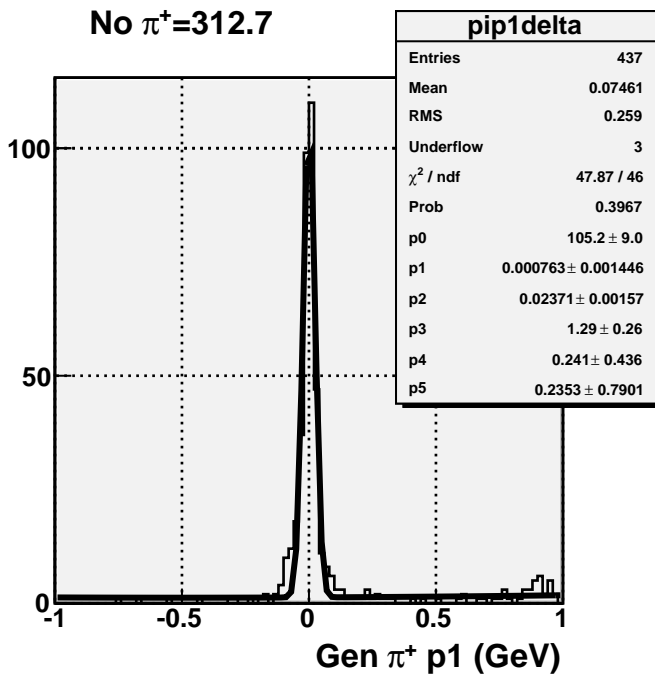
Recons  $\pi^+$  p1 (GeV)



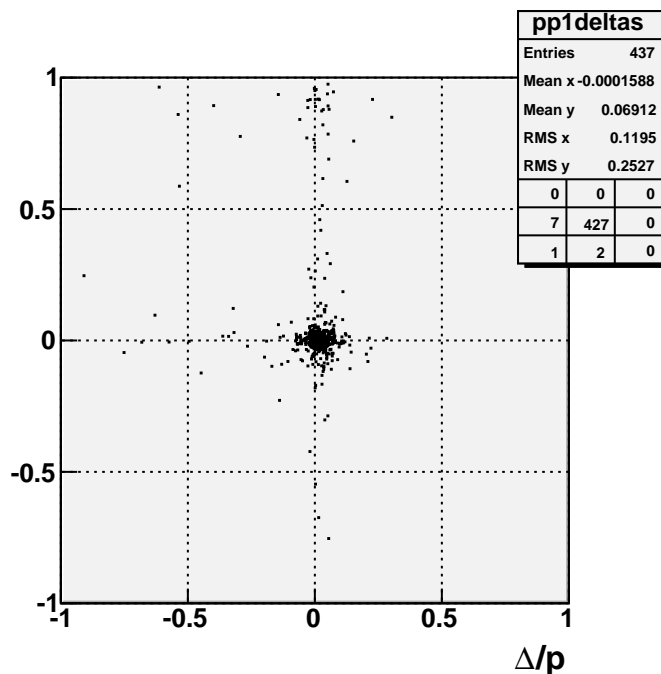
$\Delta/p1$



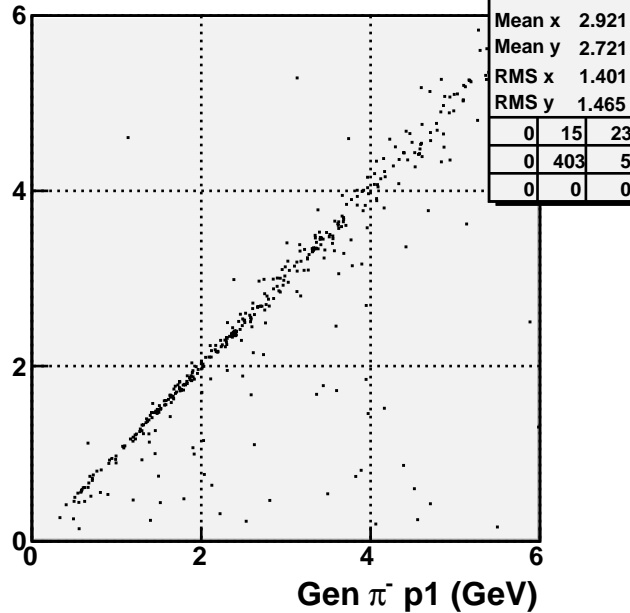
No  $\pi^+$ =312.7



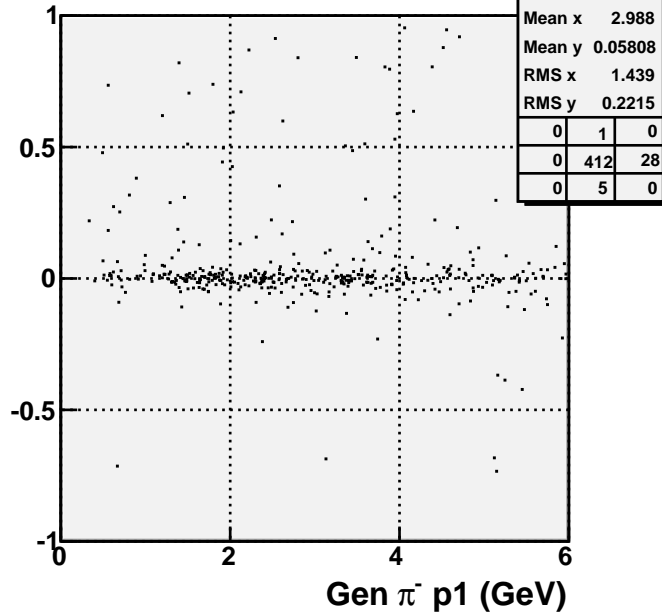
$\Delta/p1$



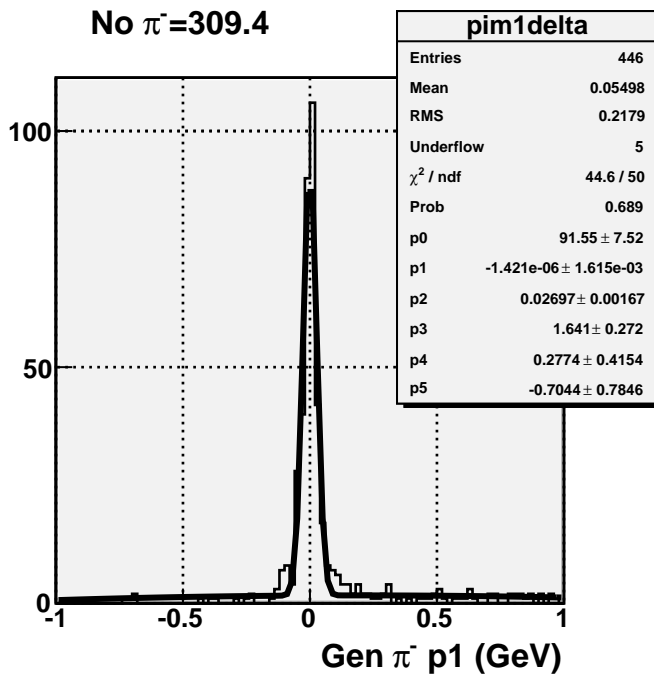
Recons  $\pi^-$  p1 (GeV)



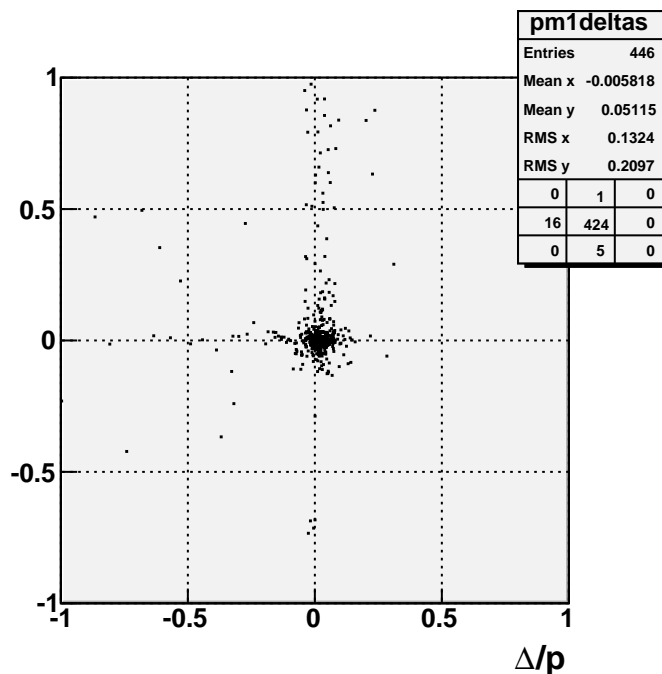
$\Delta/p1$



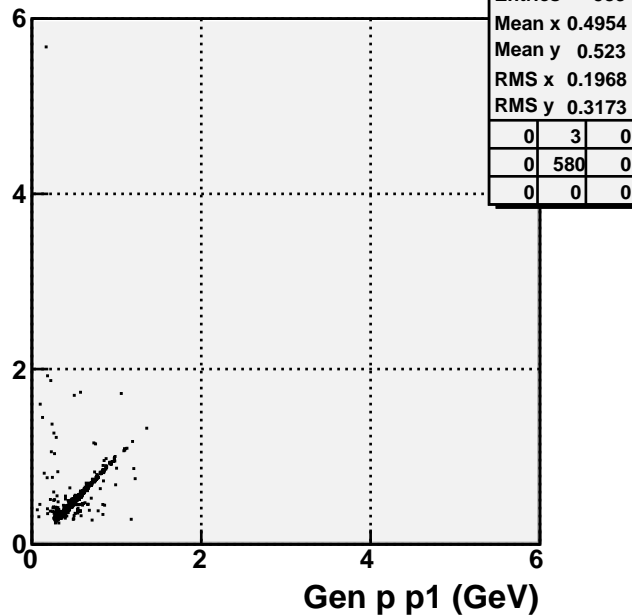
No  $\pi^-$ =309.4



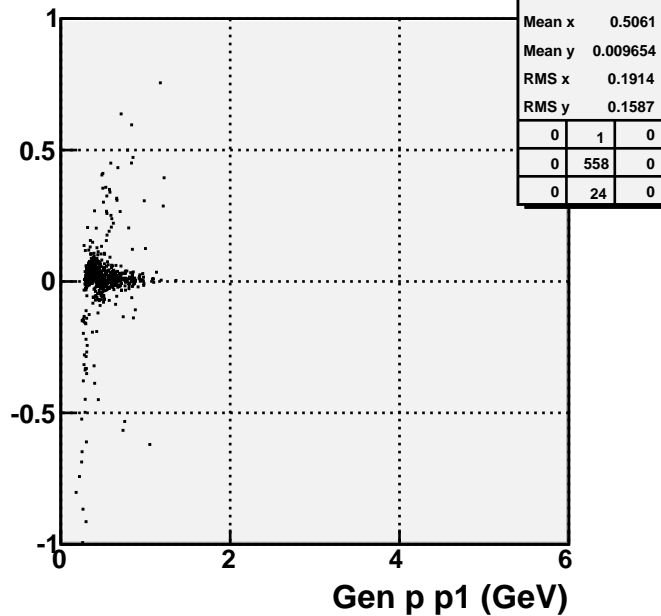
$\Delta/p1$



Recons p p1 (GeV)



$\Delta/p1$



No p=436.5

