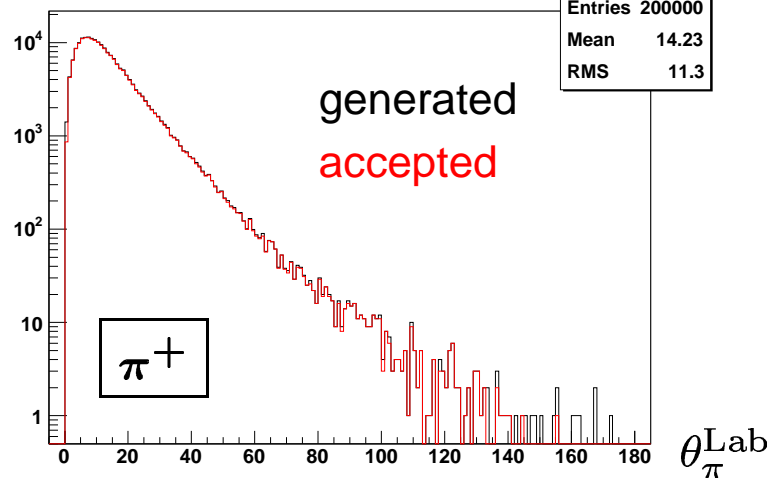


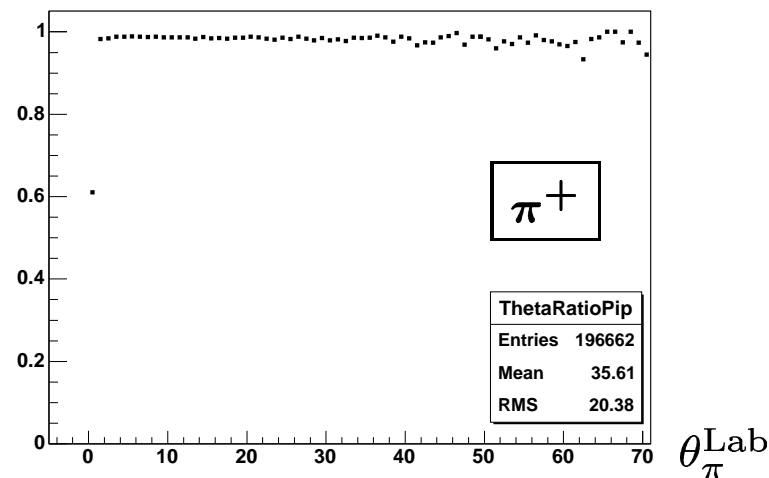
# Charge $\pi$ acceptance

$$\eta_1(1800) \rightarrow a_1^-(1230)\pi^+ \rightarrow (\pi^+\pi^-\pi^-)\pi^+$$

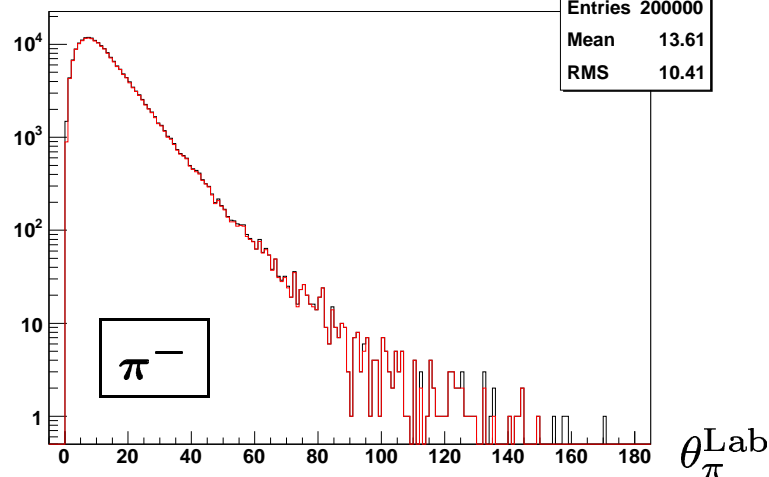
Pip\_RawTotThetaAcc



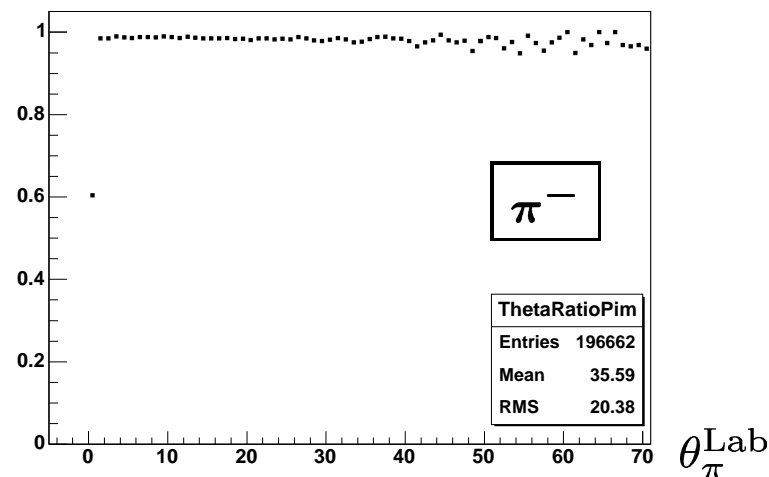
ThetaRatioPip



Pim\_RawTotThetaAcc



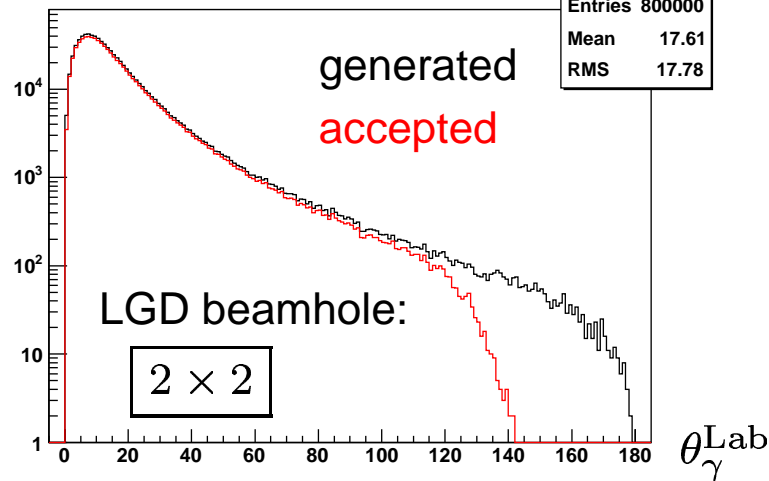
ThetaRatioPim



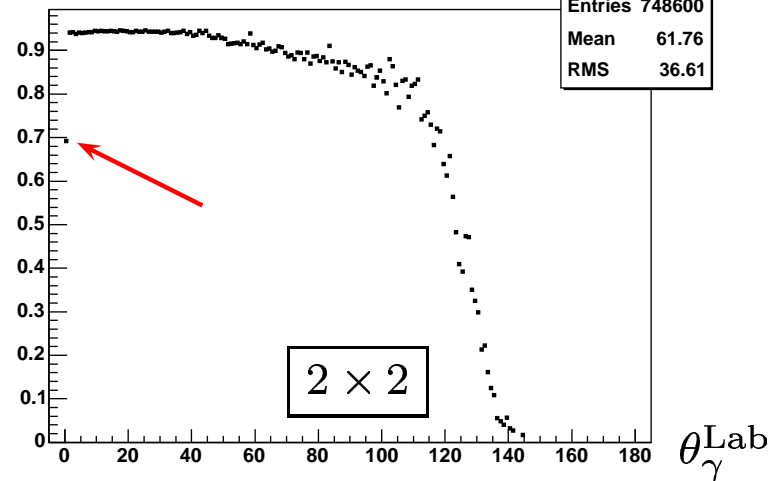
# Photon acceptance

$$\pi_1(1700) \rightarrow f_1(1285)\pi^0 \rightarrow (\pi^0\pi^0\eta)\pi^0$$

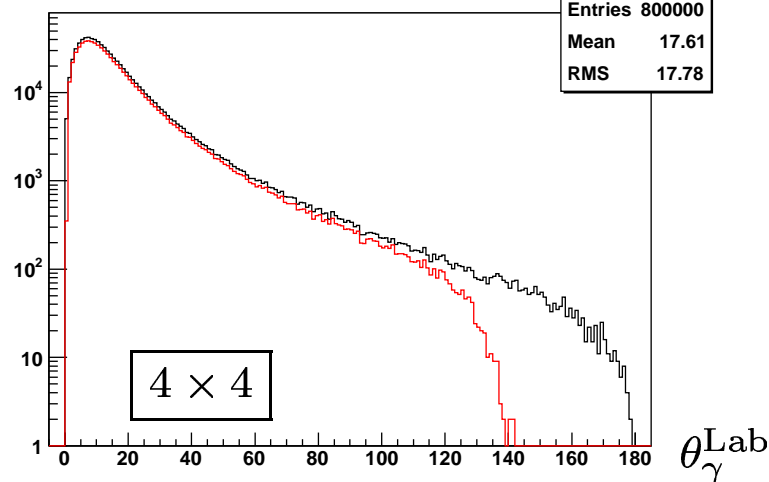
Gam\_TotThetaAcc



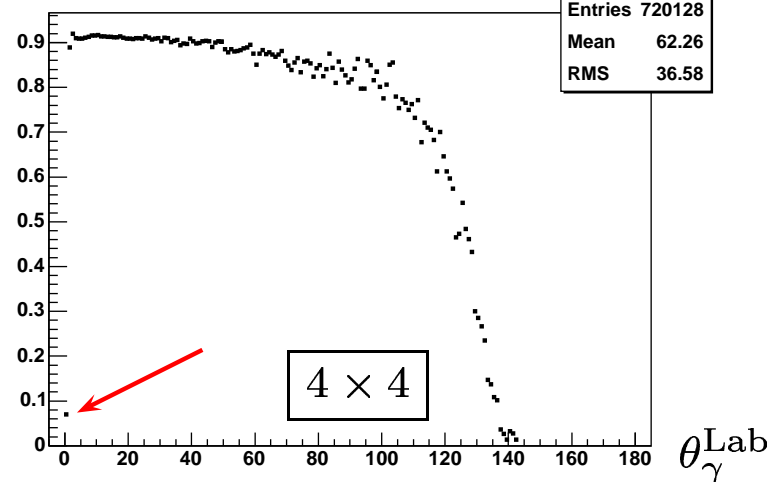
ThetaRatio



Gam\_TotThetaAcc



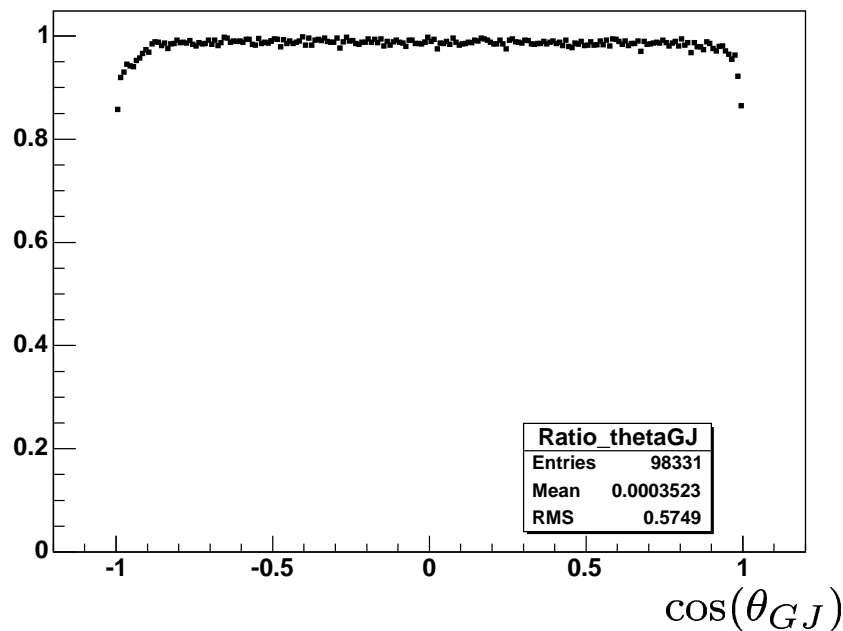
ThetaRatio



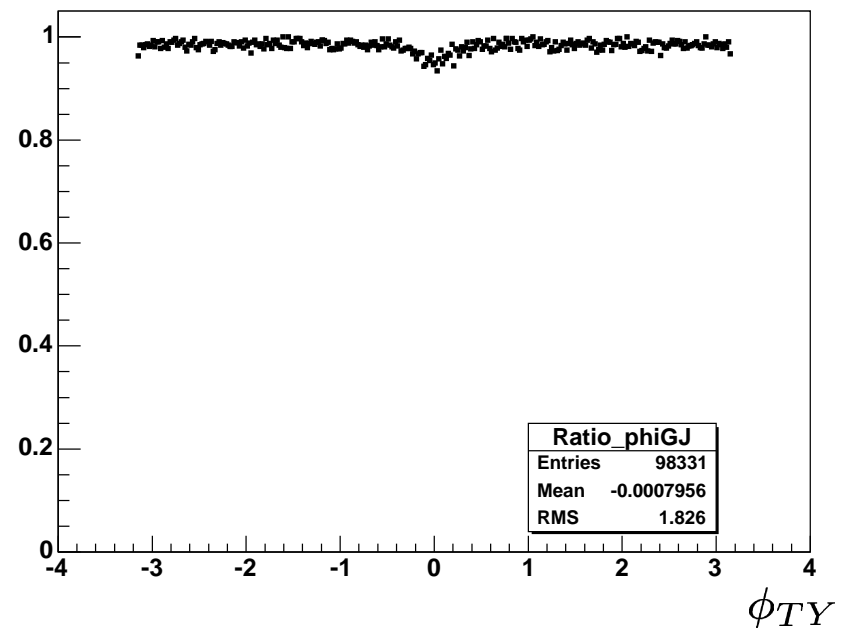
# Helicity angles acceptance

$$\eta_1(1800) \rightarrow a_1^-(1230)\pi^+ \rightarrow (\pi^+\pi^-\pi^-\pi^+$$

Ratio\_thetaGJ



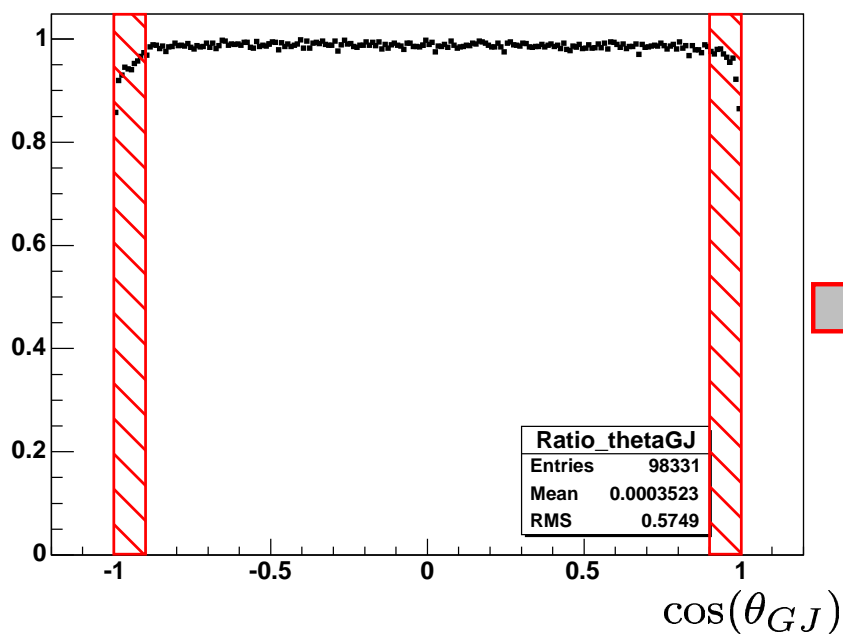
Ratio\_phiGJ



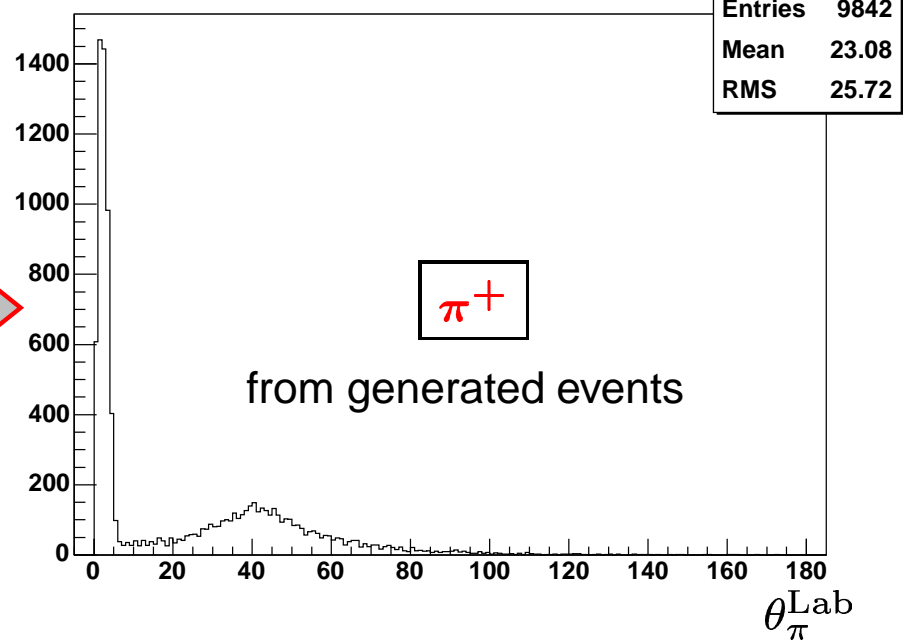
# Helicity angles acceptance

$$\eta_1(1800) \rightarrow a_1^-(1230)\pi^+$$

Ratio\_thetaGJ



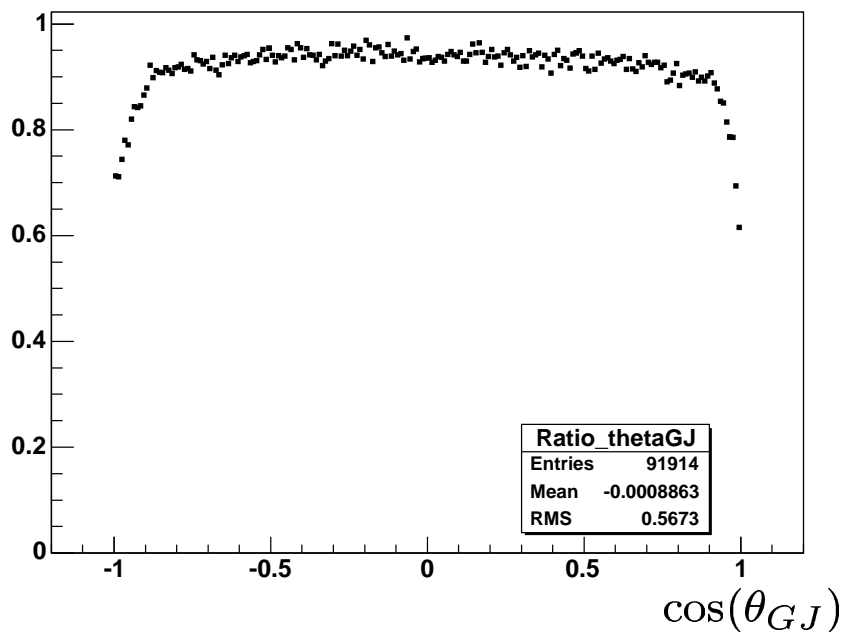
thetaDeg\_pip2\_cut2



# Helicity angles acceptance

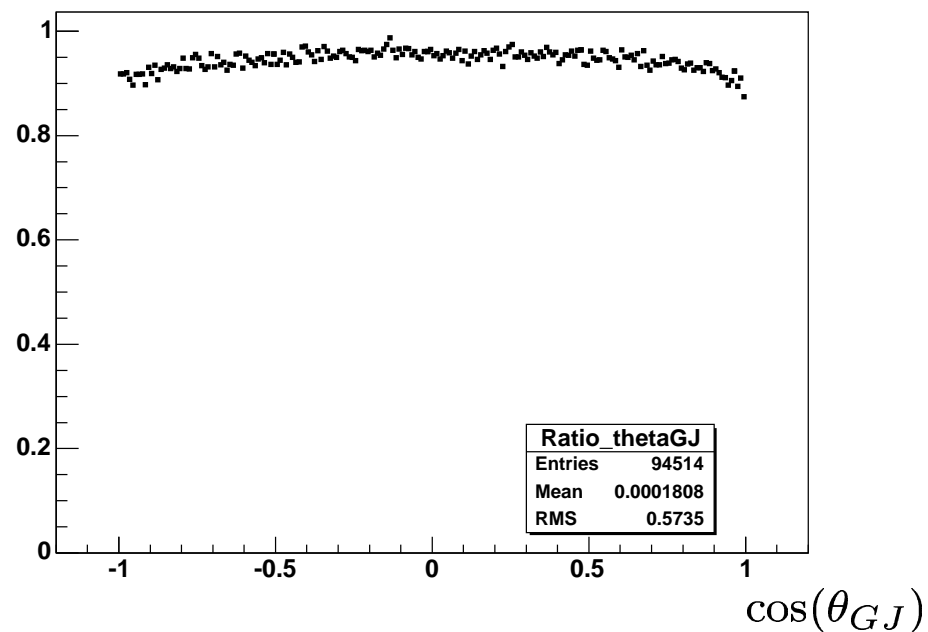
$$b_2^+(2000) \rightarrow a_1^+(1230)\pi^0$$

Ratio\_thetaGJ

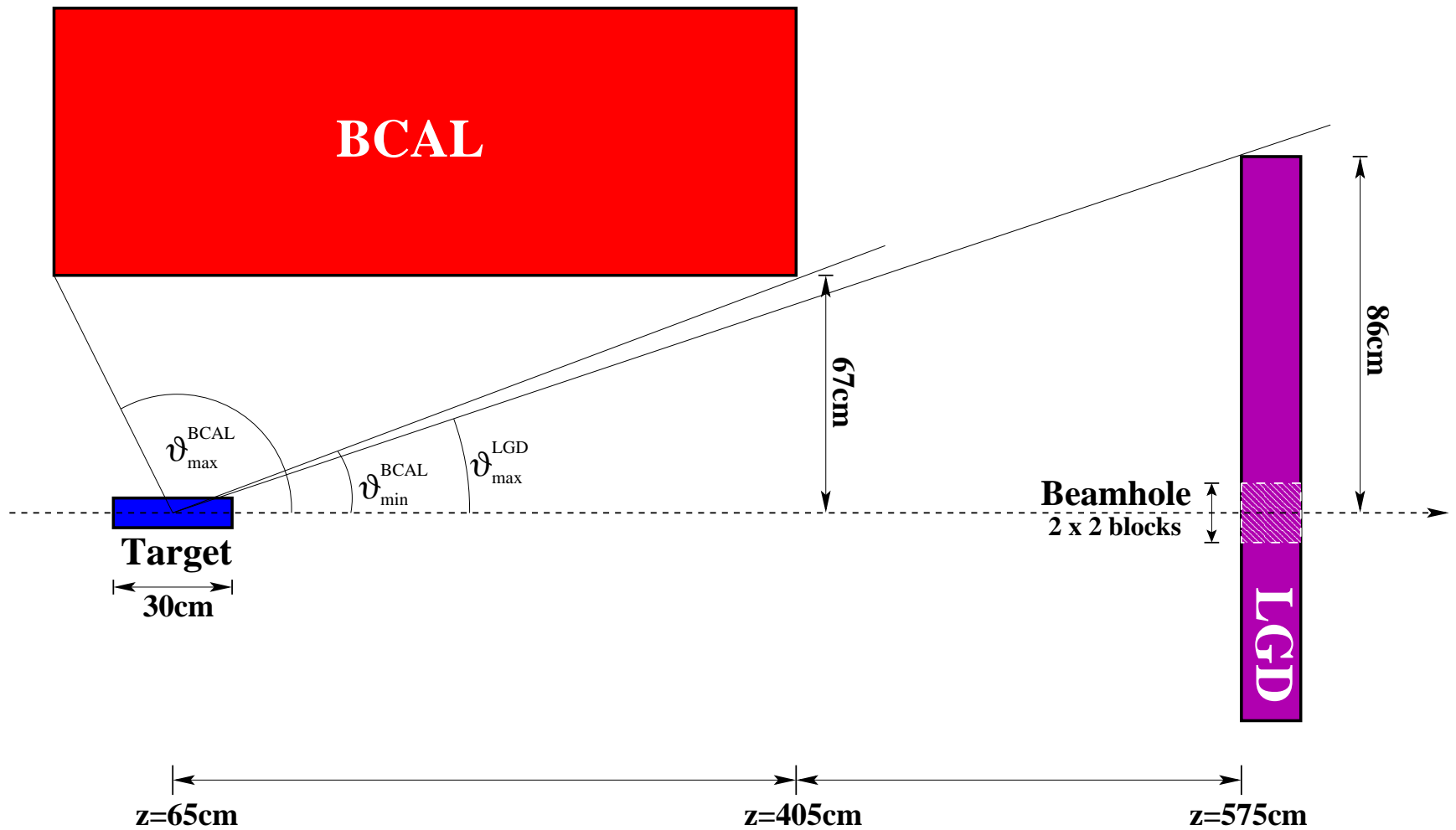


$$\pi_1^0(1700) \rightarrow a_1^0(1230)\eta$$

Ratio\_thetaGJ



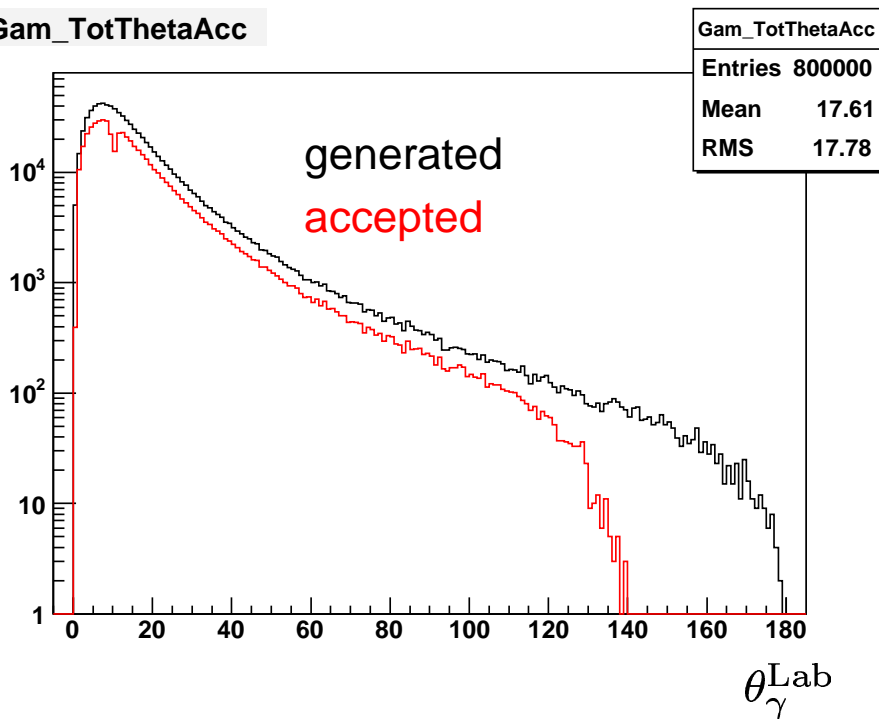
# Holes in the calorimetry



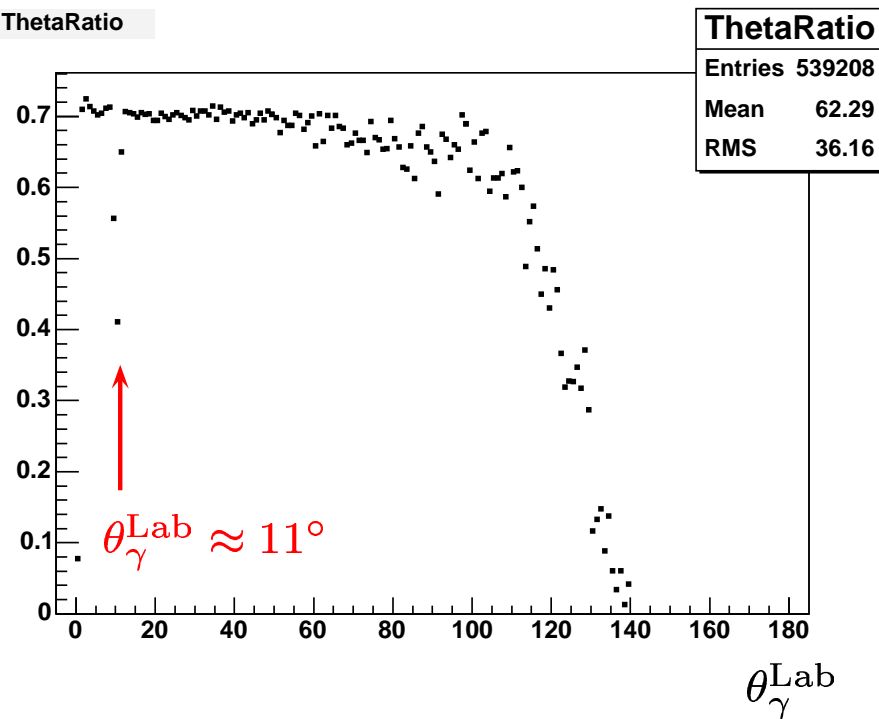
# Holes in the calorimetry

$$\pi_1(1700) \rightarrow f_1(1285)\pi^0 \rightarrow (\pi^0\pi^0\eta)\pi^0$$

Gam\_TotThetaAcc



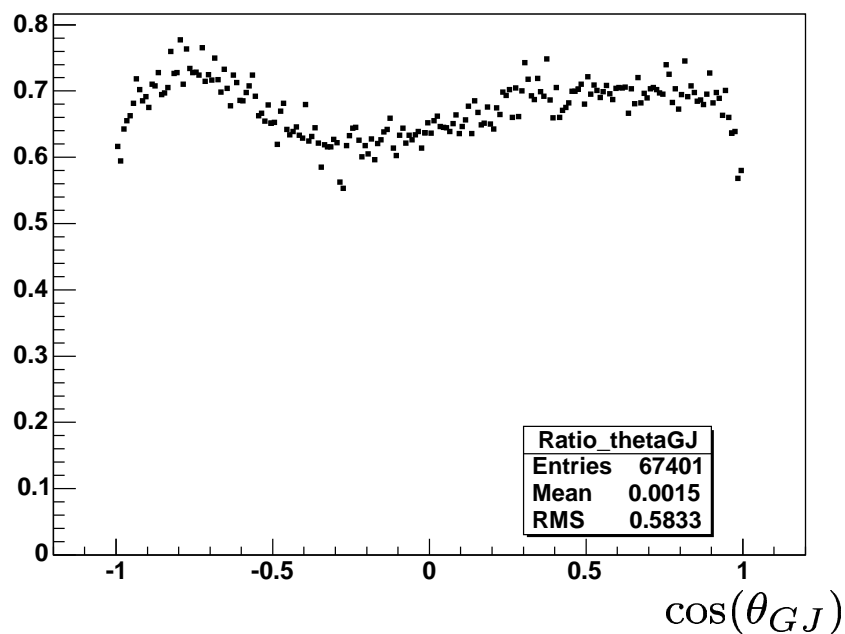
ThetaRatio



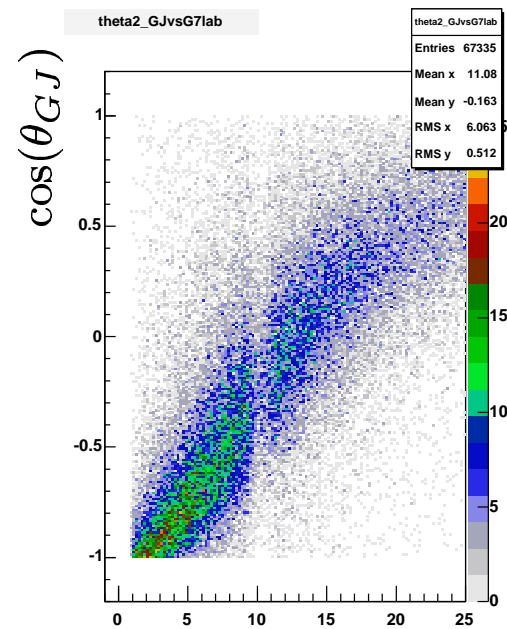
# Holes in the calorimetry

$$\pi_1(1700) \rightarrow f_1(1285)\pi^0 \rightarrow (\pi^0\pi^0\eta)\pi^0$$

Ratio\_thetaGJ



theta2\_GJvsG7lab



theta2\_GJvsG8lab

