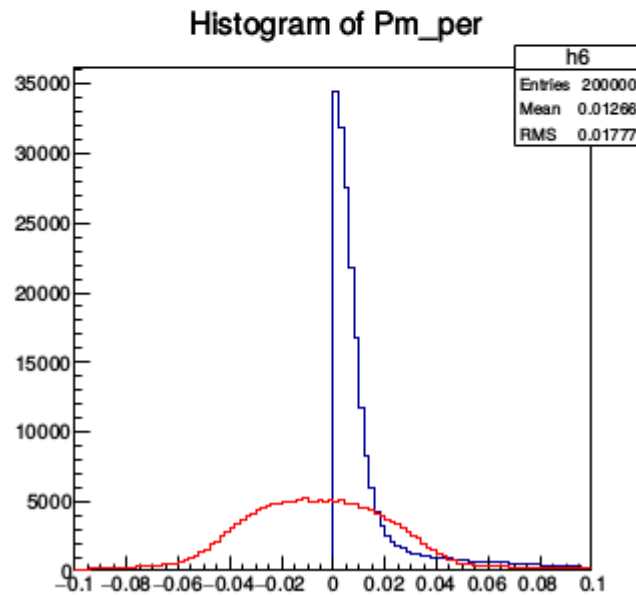
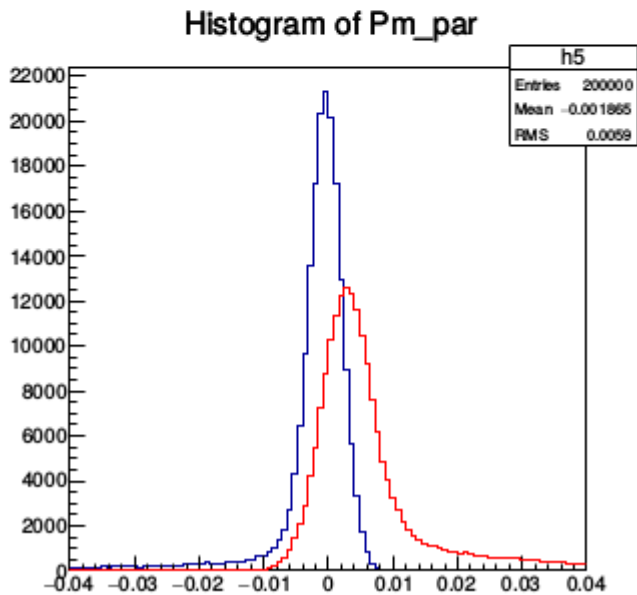
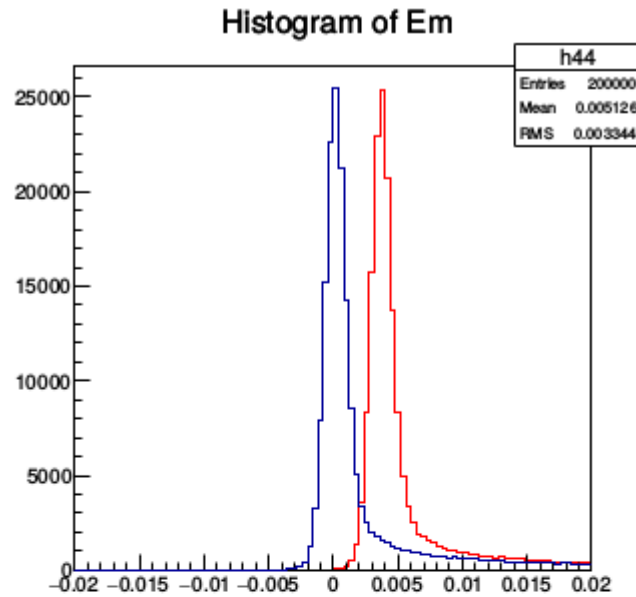
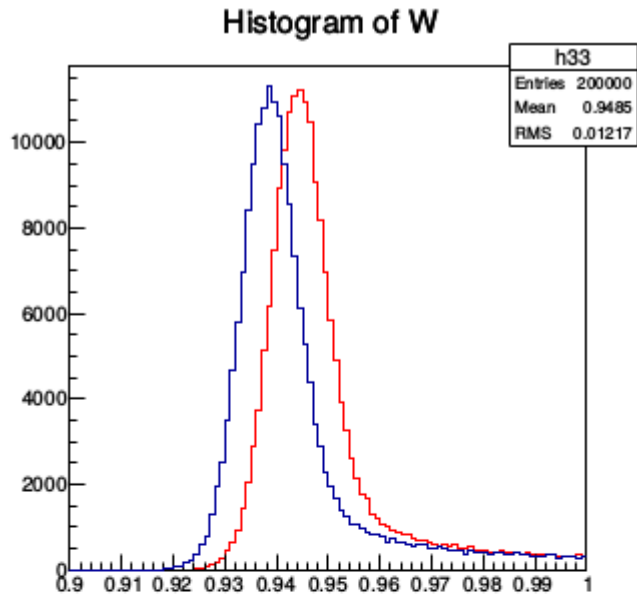


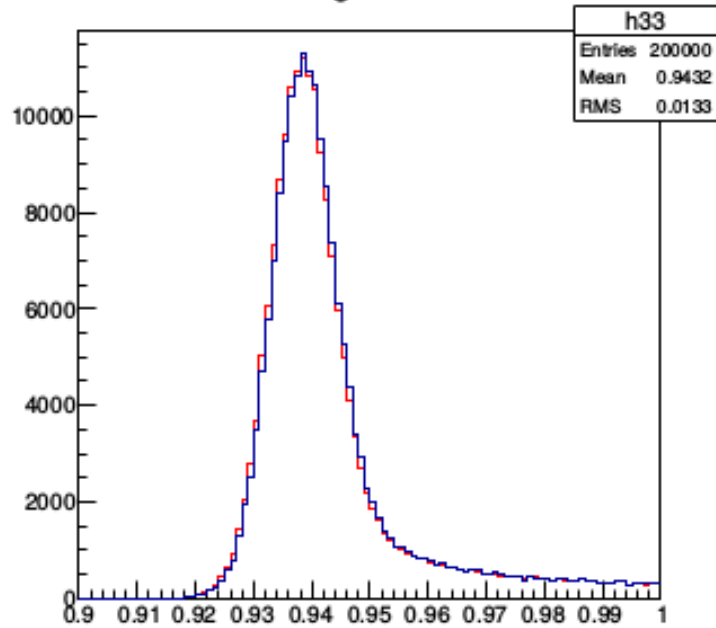
ntuples from SIMC

Kinematics

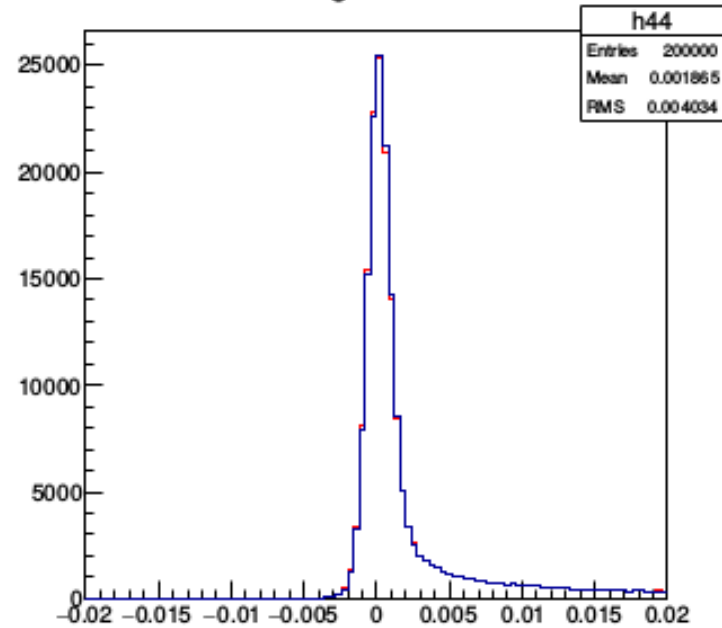
$E_{\text{beam}} = 2.2 \text{ GeV}$
 $\theta_e = 65.2 \text{ deg}$
 $\theta_p = 25.1 \text{ deEg}$
 $p_e = 0.9381 \text{ GeV}$
 $p_p = 1.9971 \text{ GeV}$



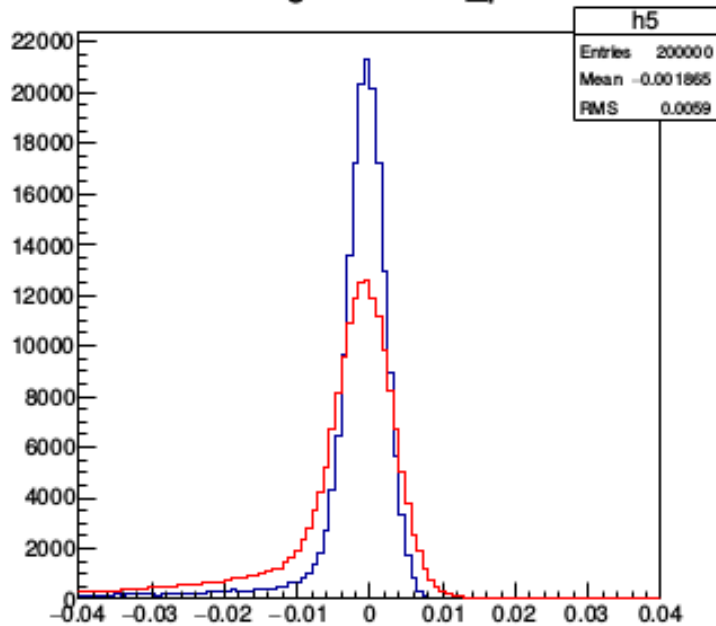
Histogram of W



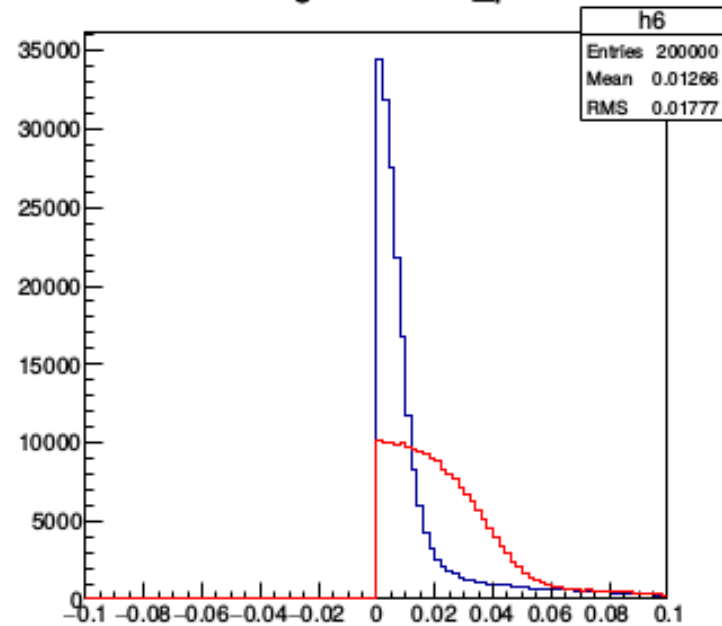
Histogram of Em



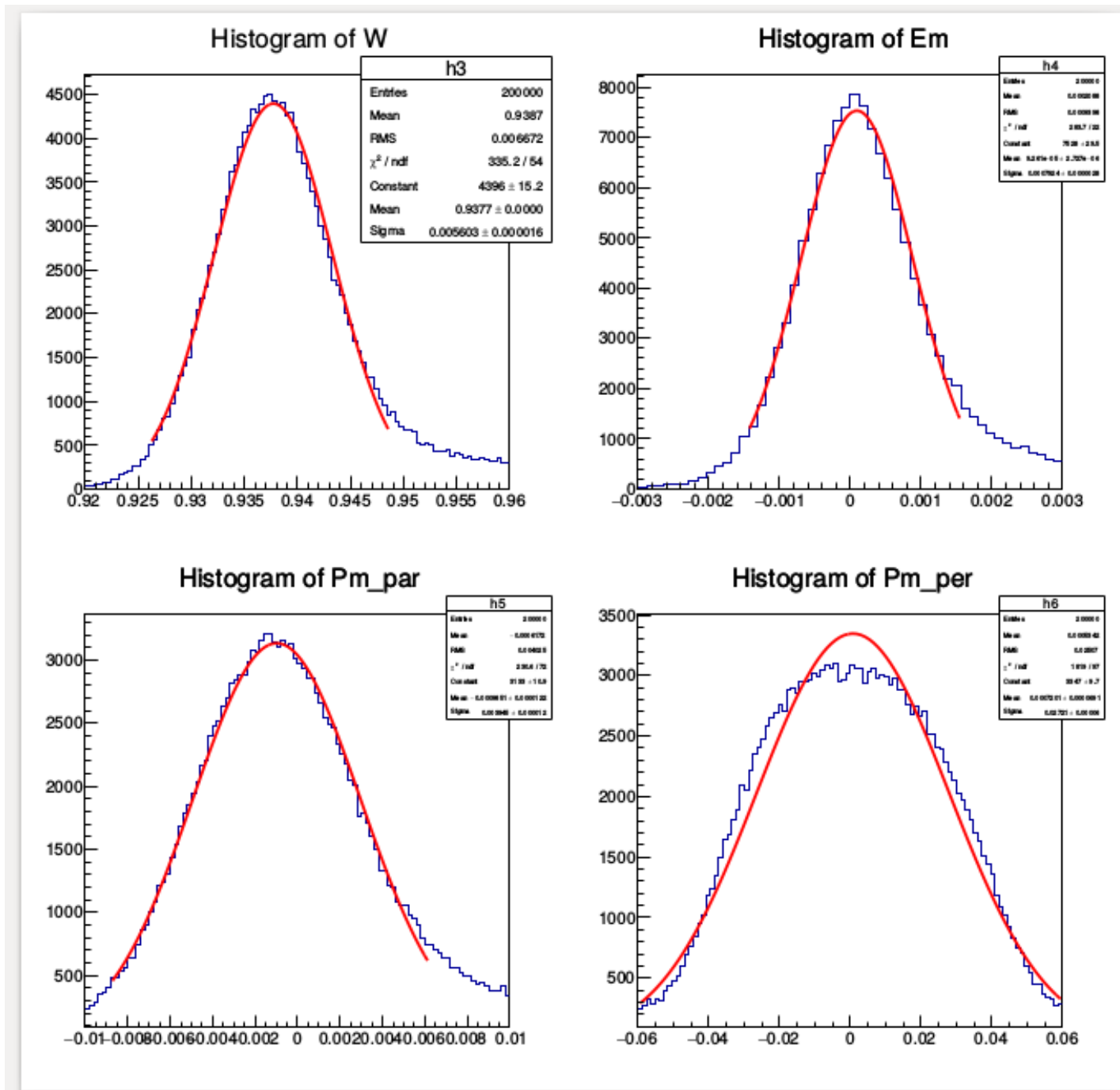
Histogram of Pm_par



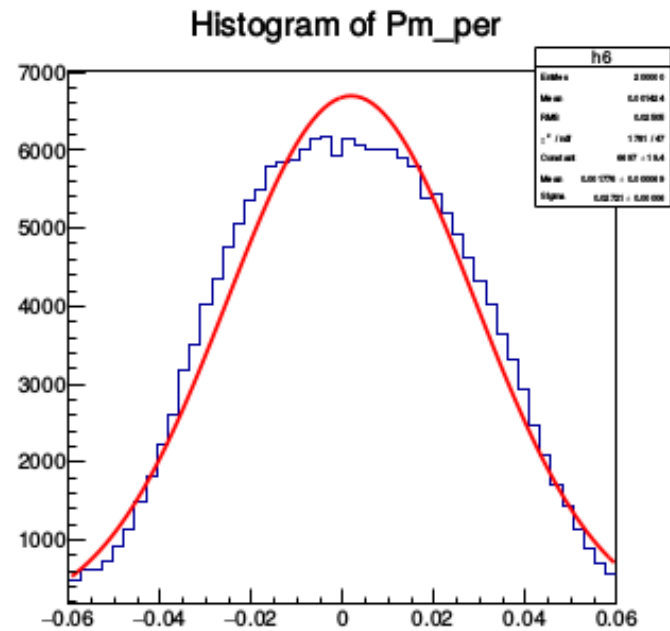
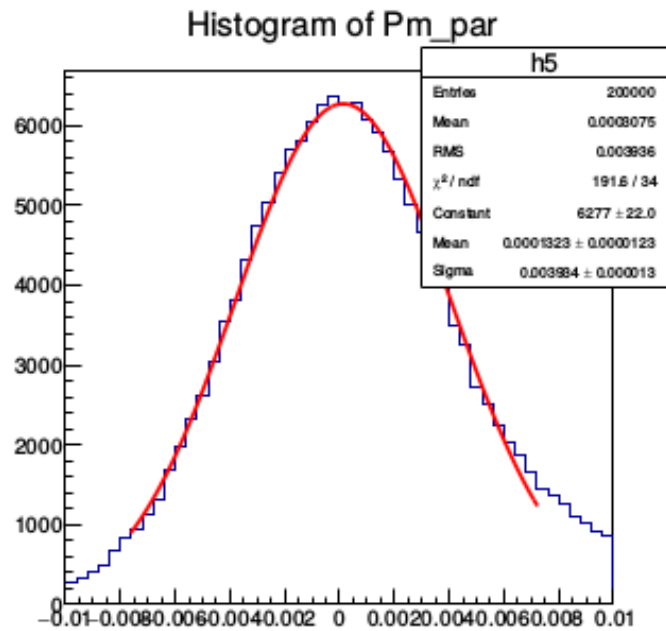
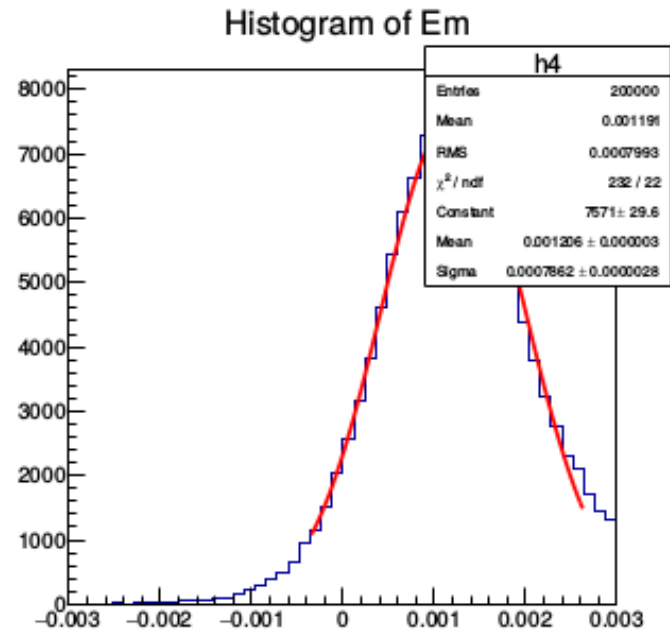
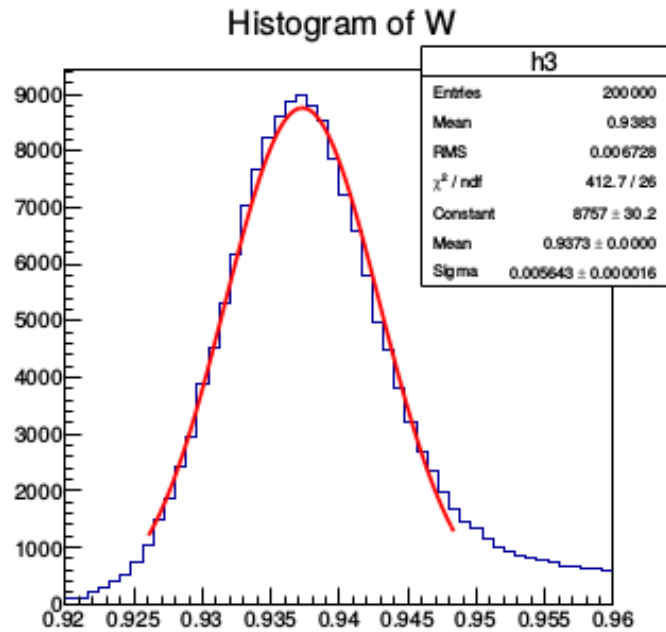
Histogram of Pm_per



Calculating offset in energy

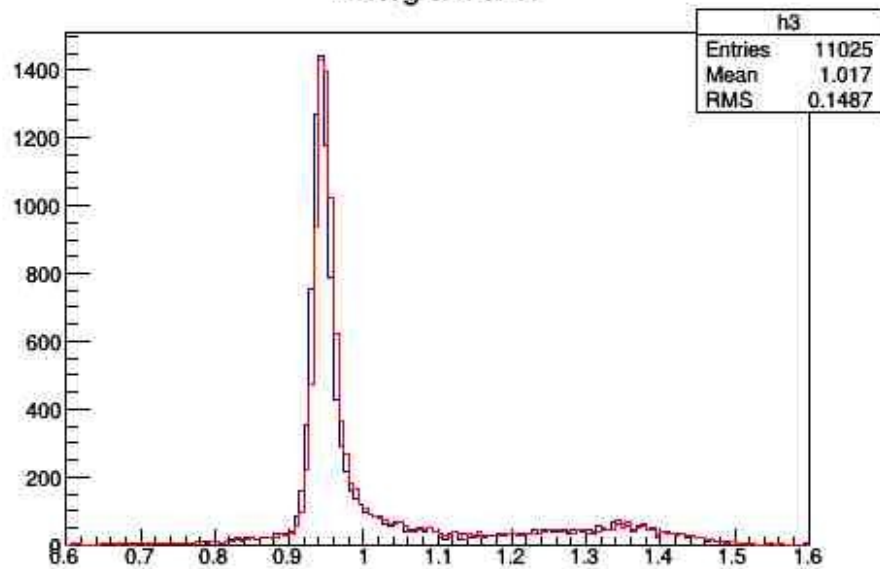


After including all the offset

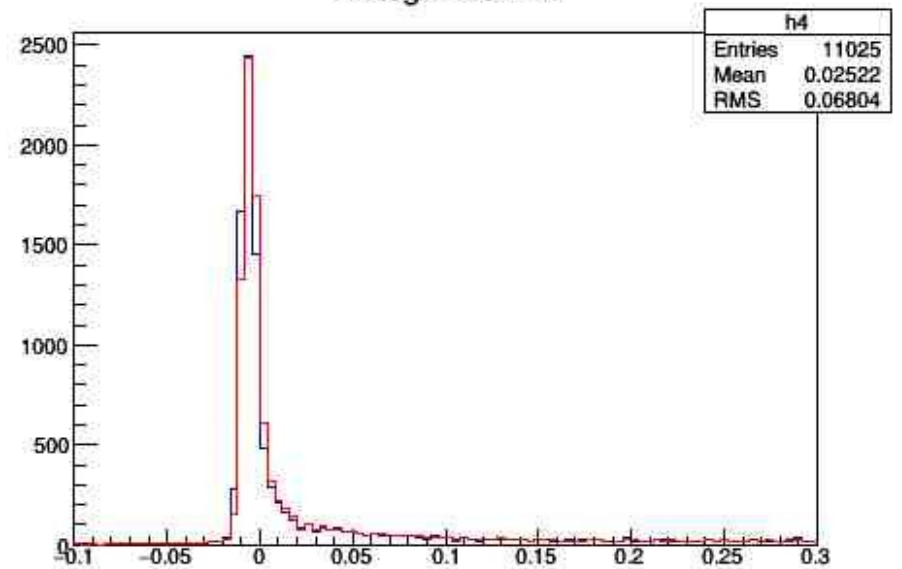


Old data for $Q^2 = 3.3$

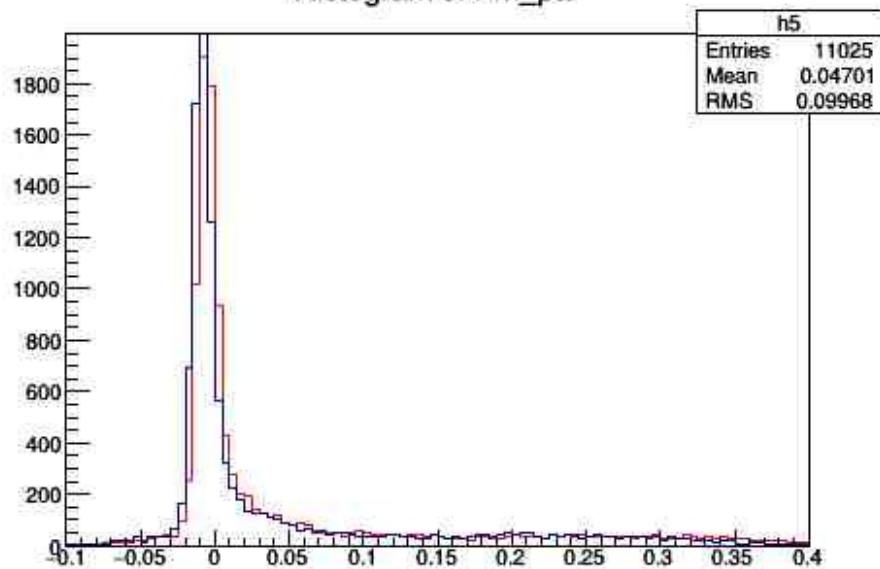
Histogram of W



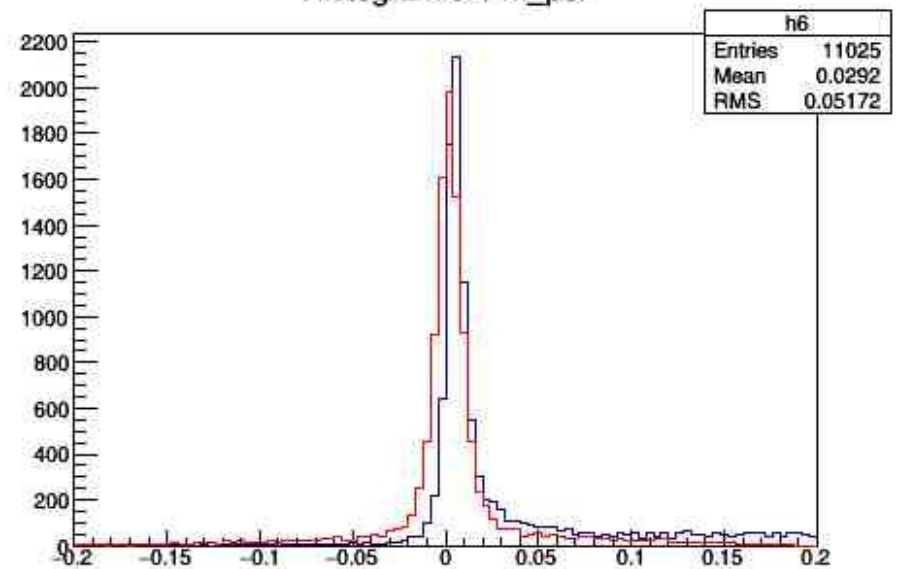
Histogram of Em



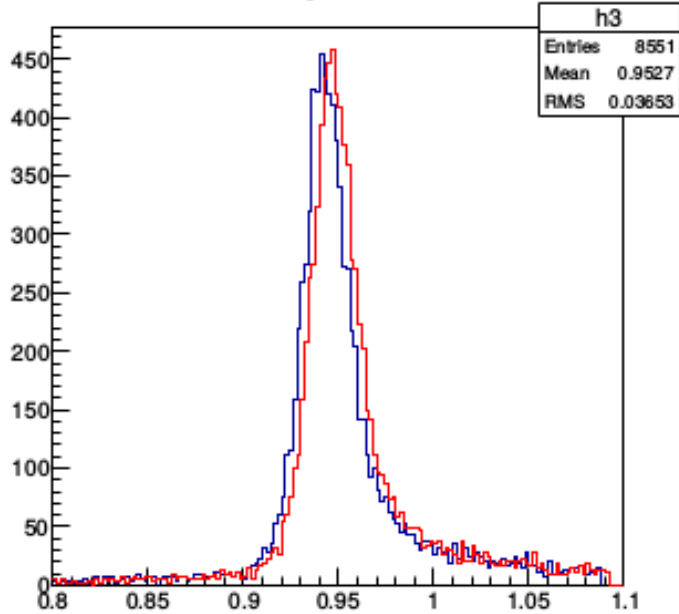
Histogram of Pm_par



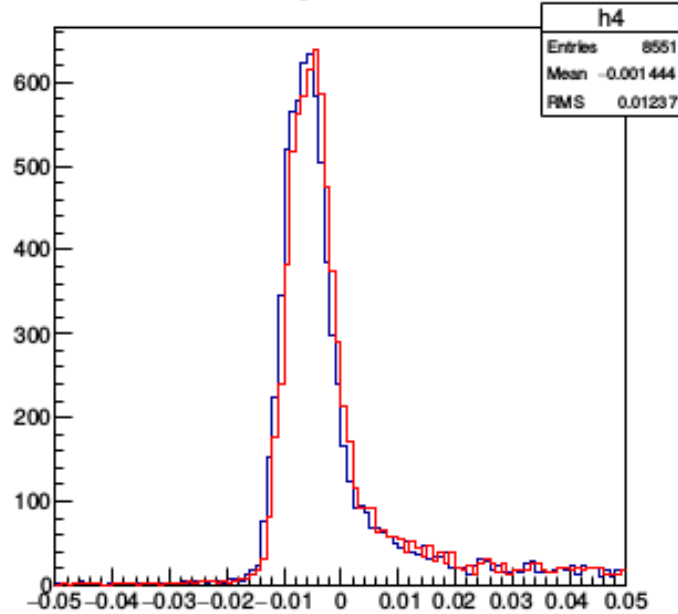
Histogram of Pm_per



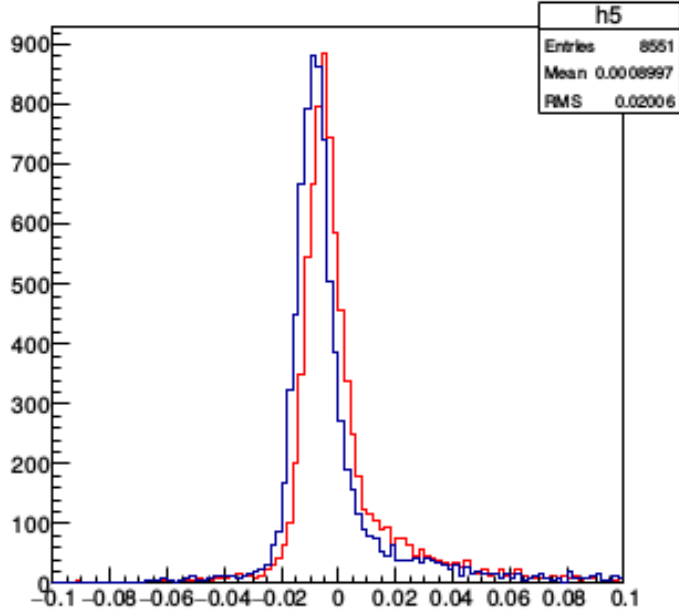
Histogram of W



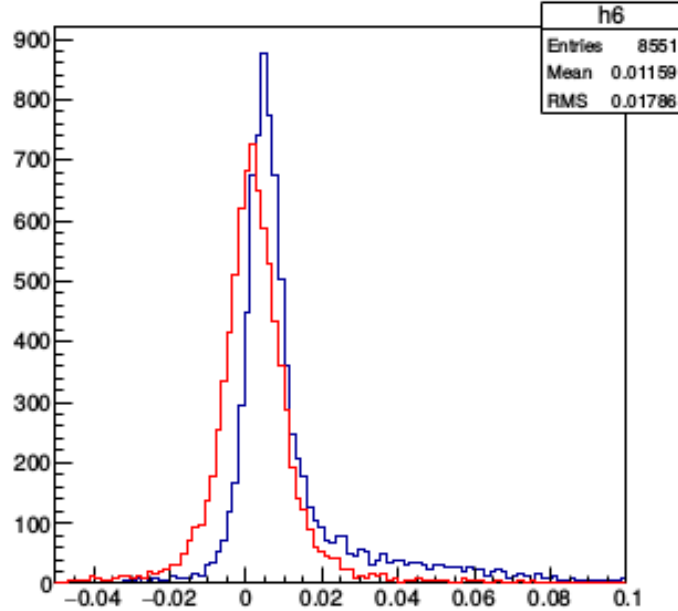
Histogram of Em



Histogram of Pm_par



Histogram of Pm_per



Kinematics

$E_{\text{beam}} = 3.060$ GeV

$p_e = 2.520$ GeV

$\theta_e = 24.80$ deg

$p_p = 1.300$ GeV

$\theta_p = 54.00$ deg

The data for this is taken from exp e94139 for $Q^2 = 3.03$

Energy loss is not Added.

All these plots are made are made from root macros.

