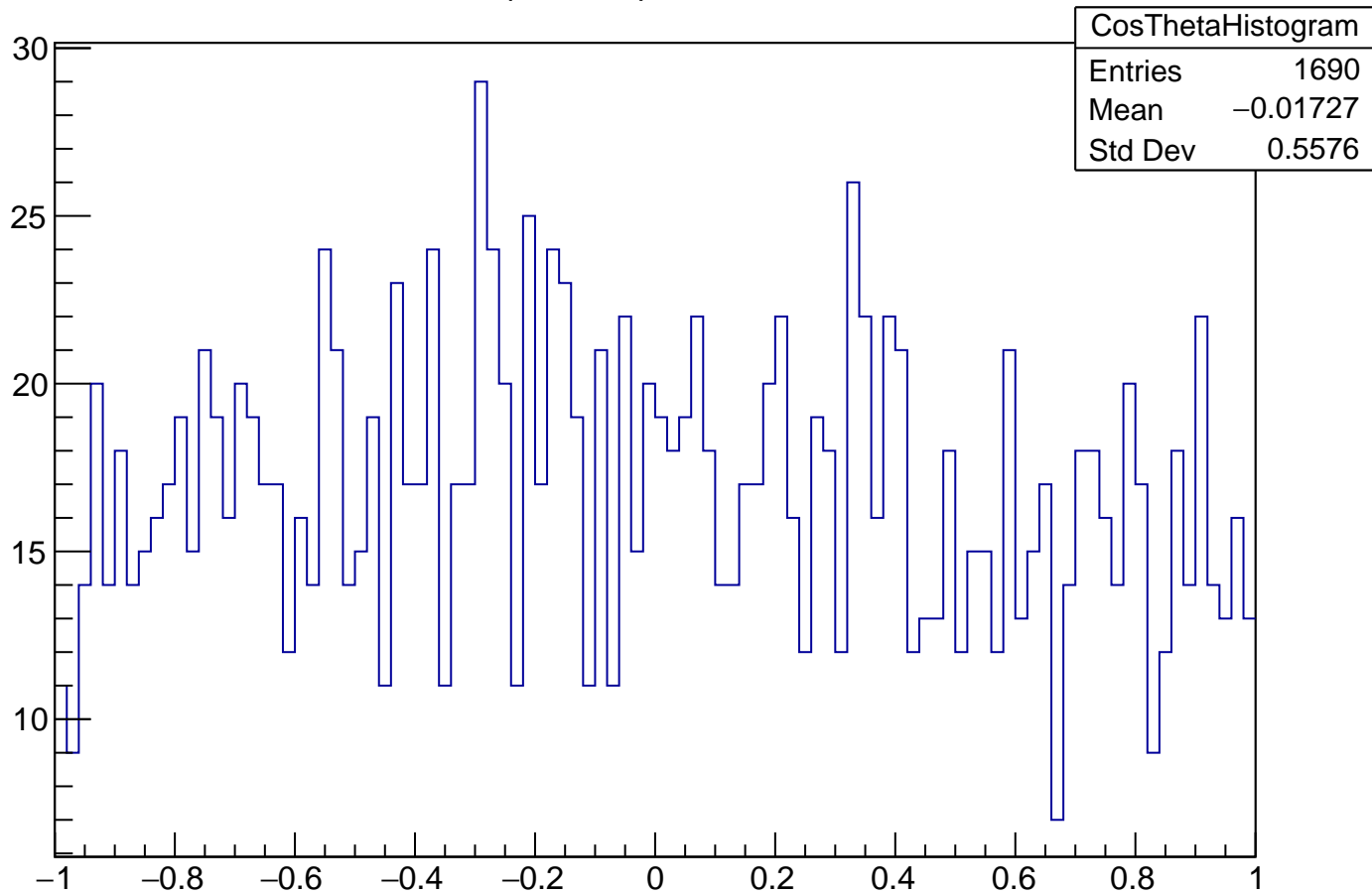
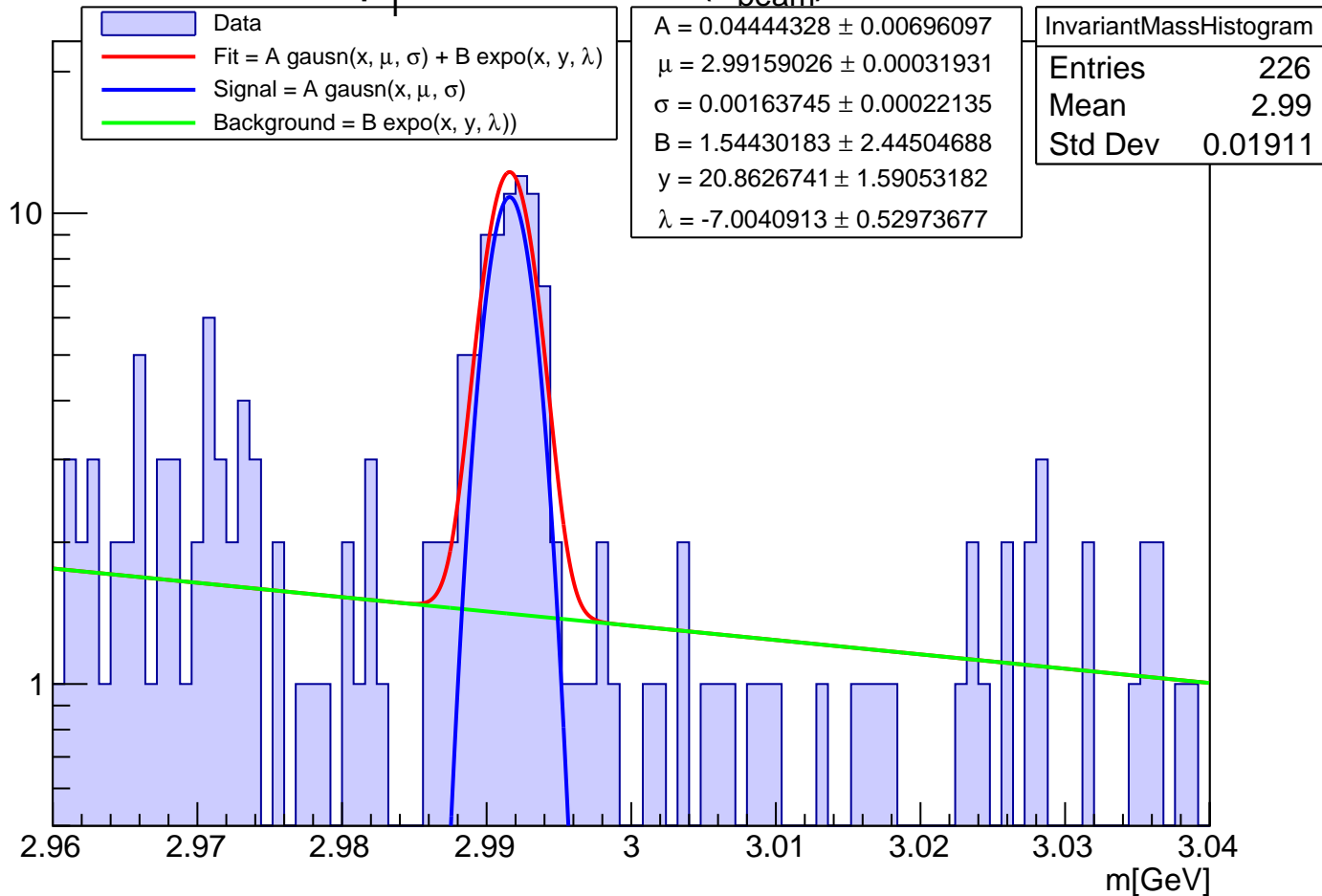


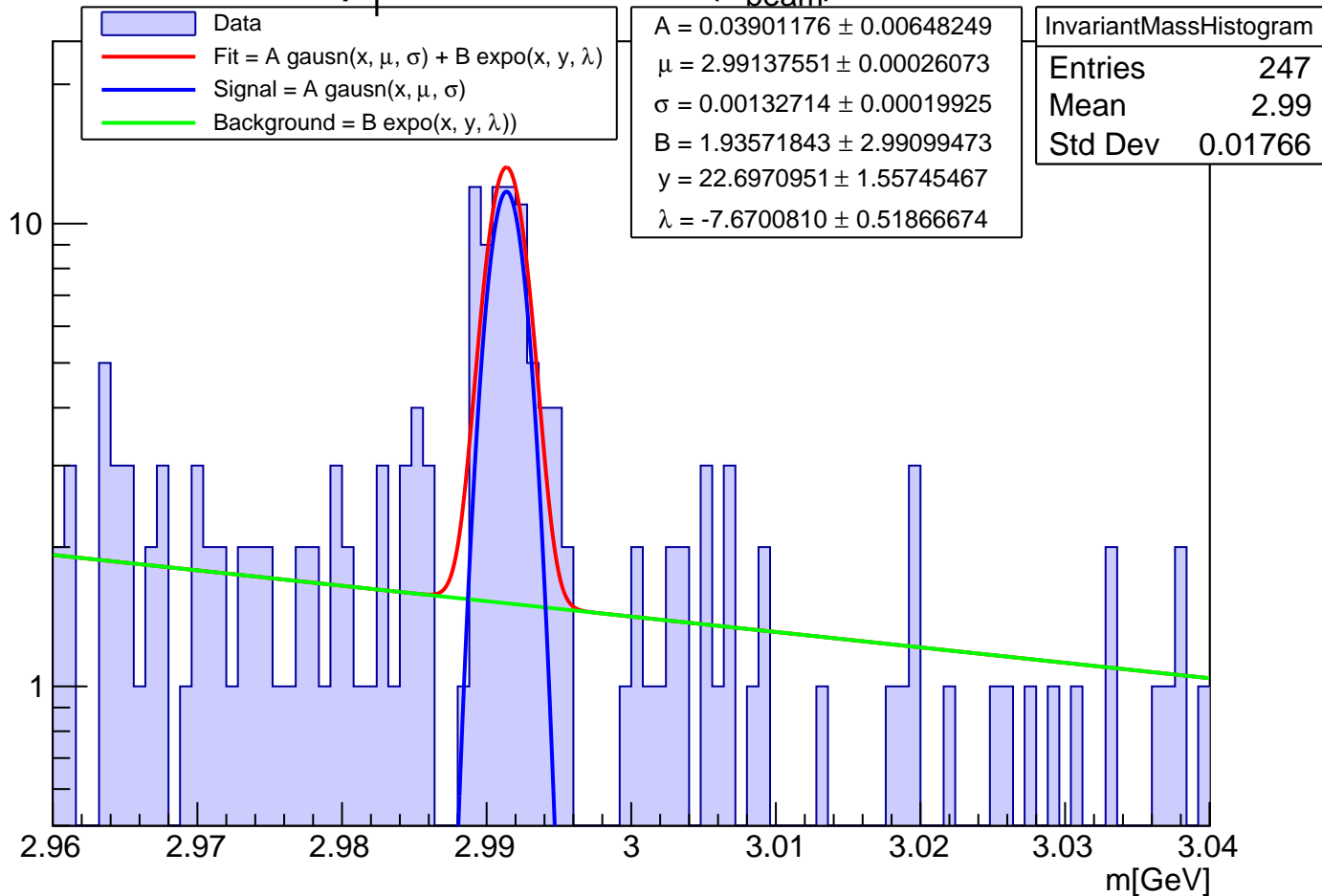
# $\cos(\theta^*)_{\text{wrt\_beam}}$



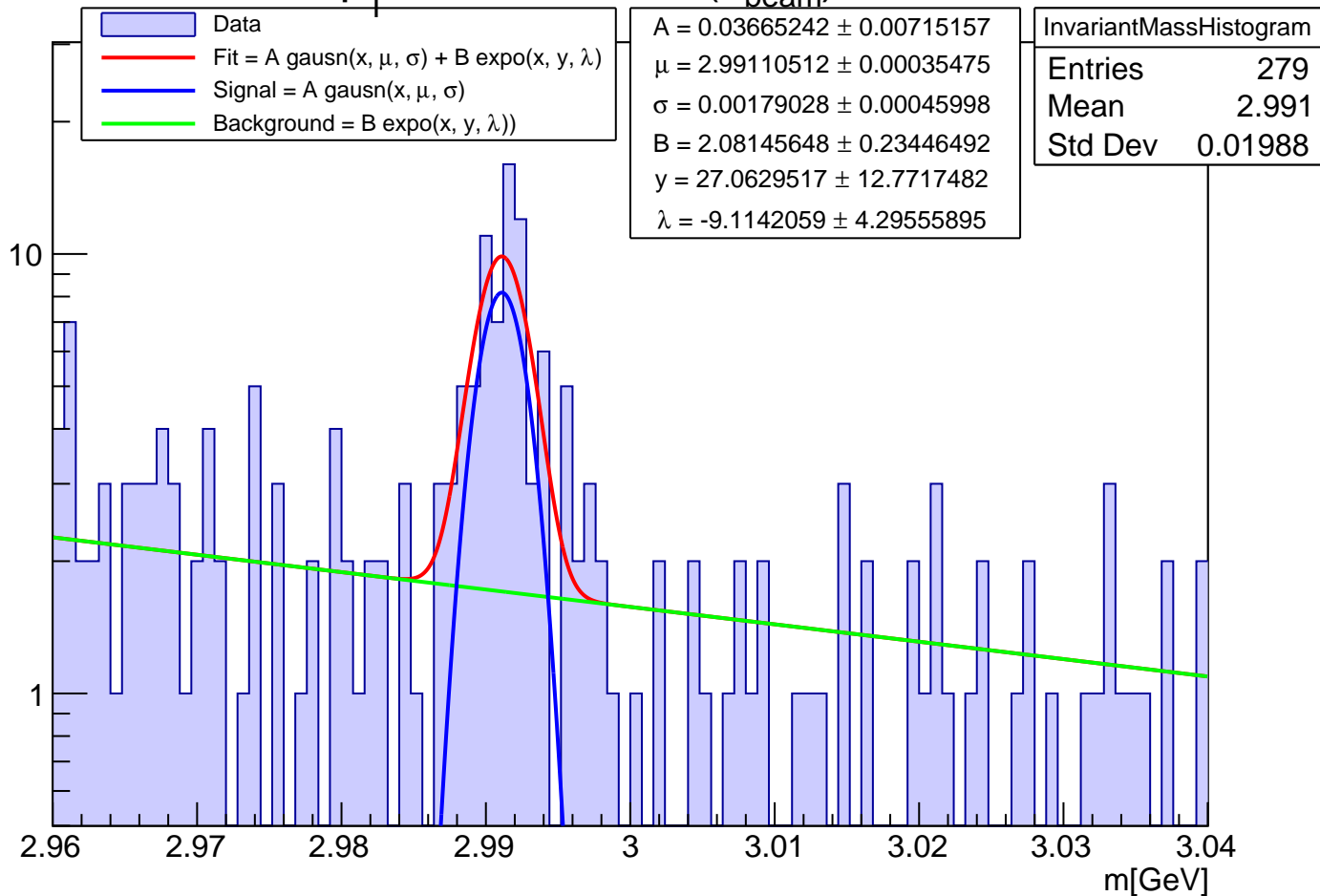
$3 < p_T < 6, \quad -1.0 < \cos(\theta_{\text{beam}}) < -0.71$



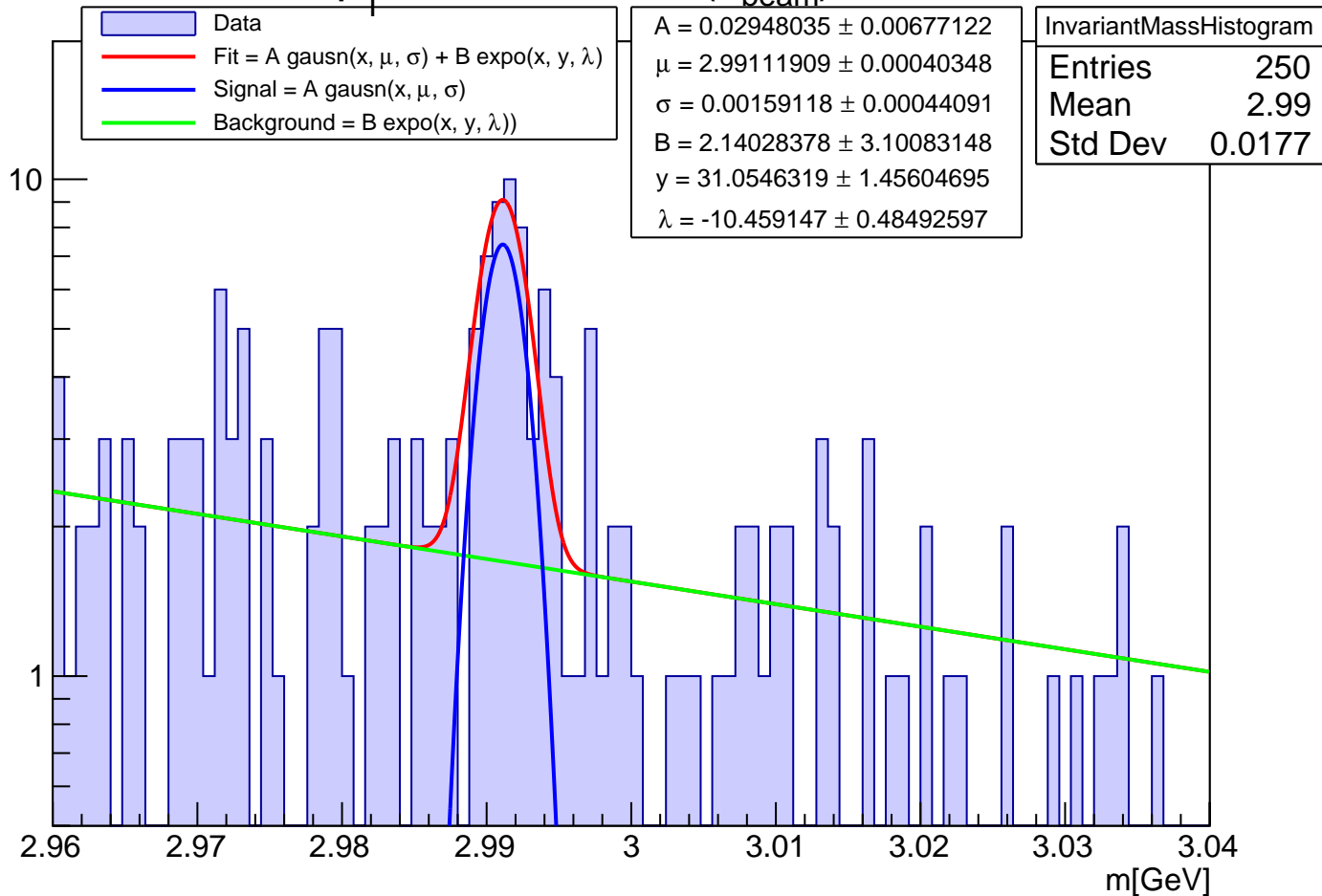
$3 < p_T < 6, -0.71 < \cos(\theta_{\text{beam}}) < -0.42$



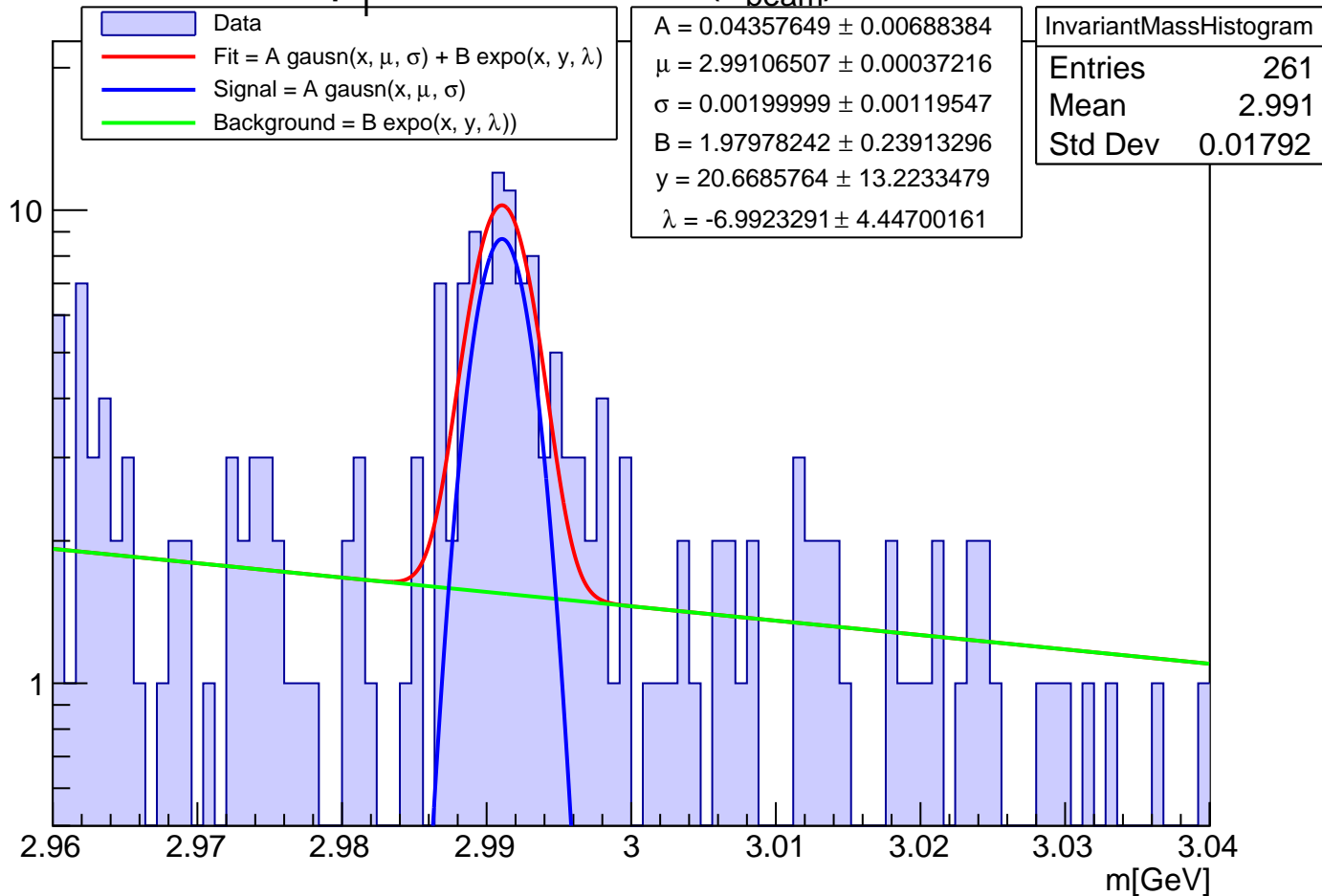
$3 < p_T < 6, \quad -0.42 < \cos(\theta_{\text{beam}}) < -0.14$



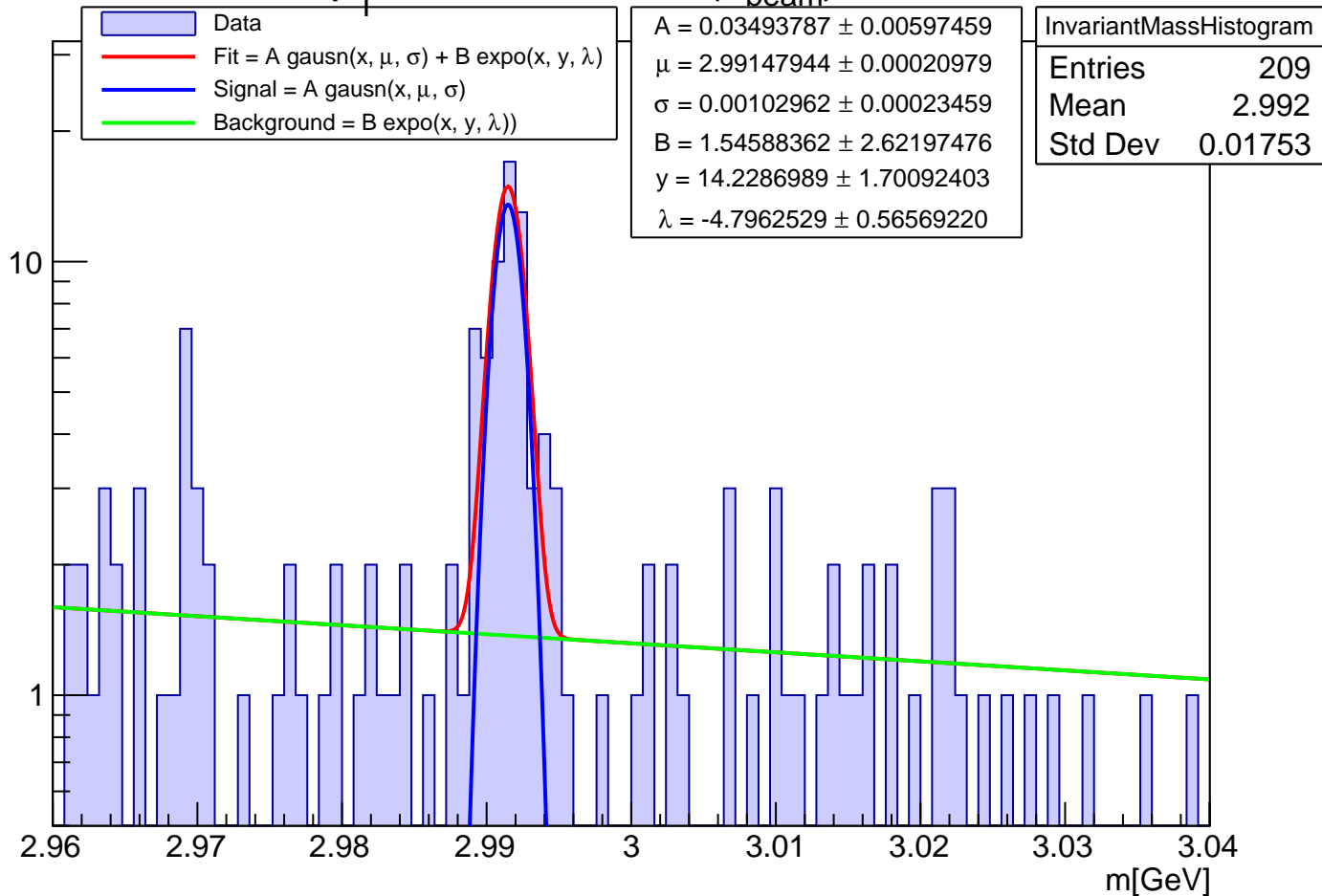
$3 < p_T < 6, -0.14 < \cos(\theta_{\text{beam}}) < 0.142$



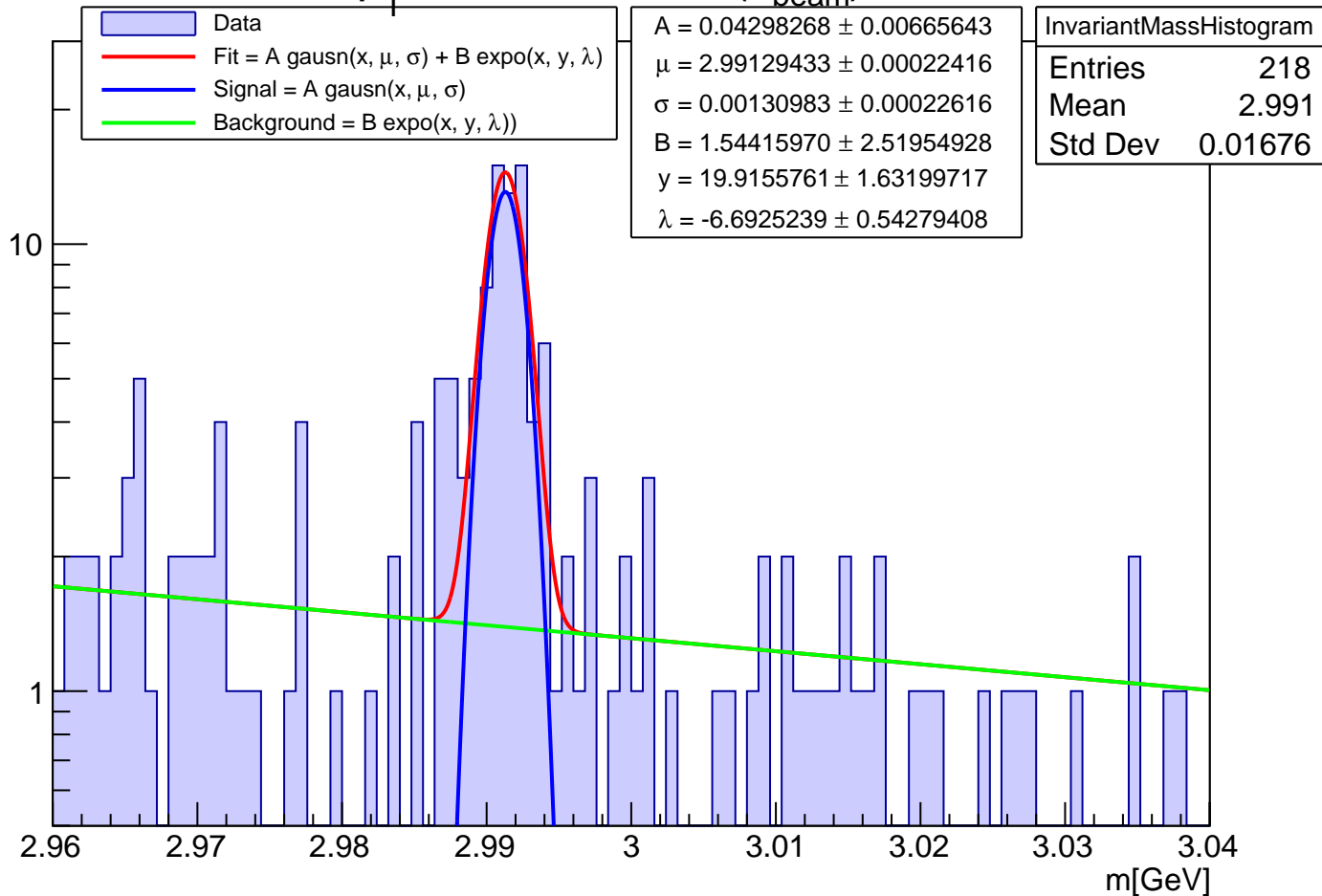
$3 < p_T < 6, \quad 0.142 < \cos(\theta_{\text{beam}}) < 0.428$



$3 < p_T < 6$ ,  $0.428 < \cos(\theta_{\text{beam}}) < 0.714$

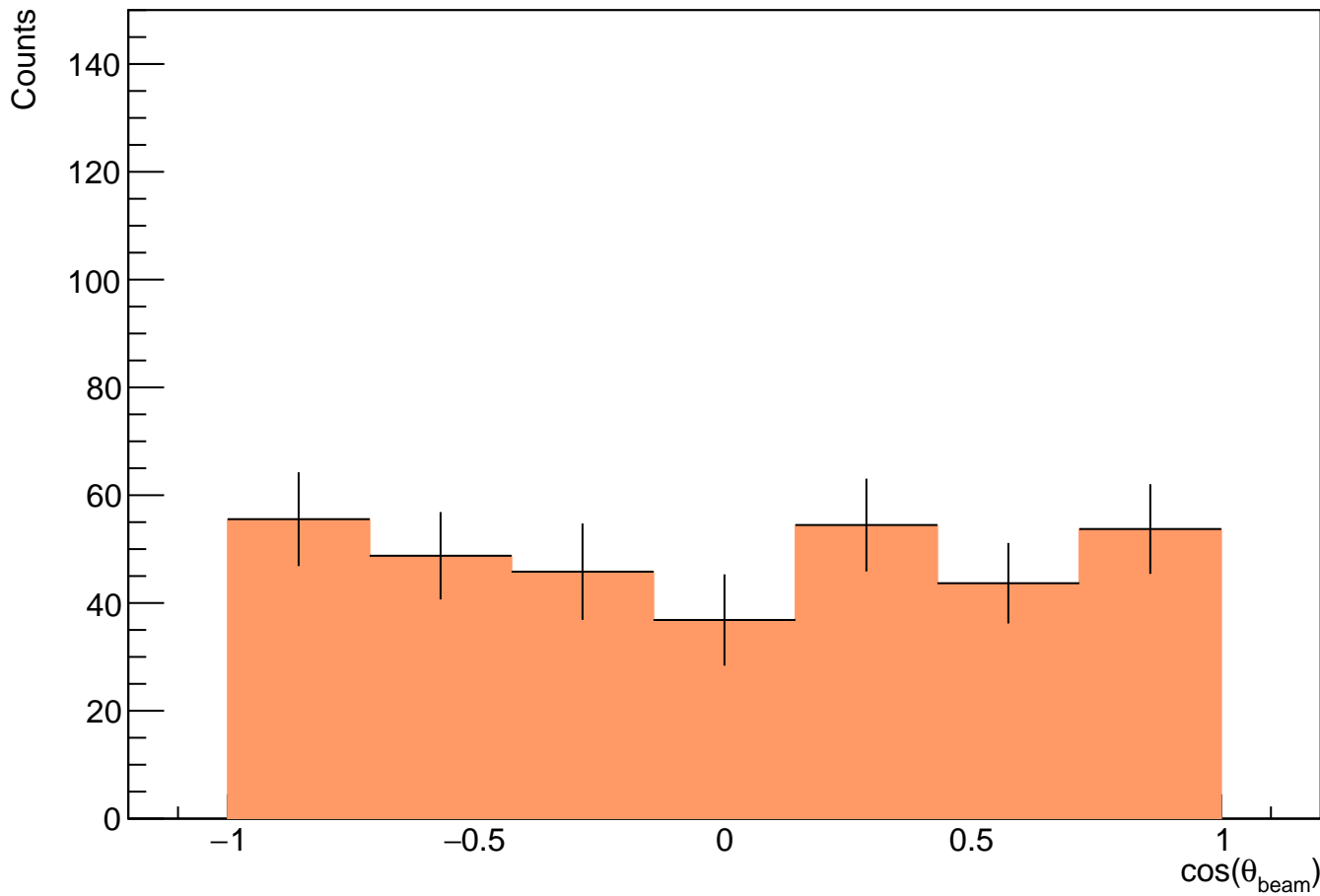


$3 < p_T < 6, \quad 0.714 < \cos(\theta_{\text{beam}}) < 1.0$

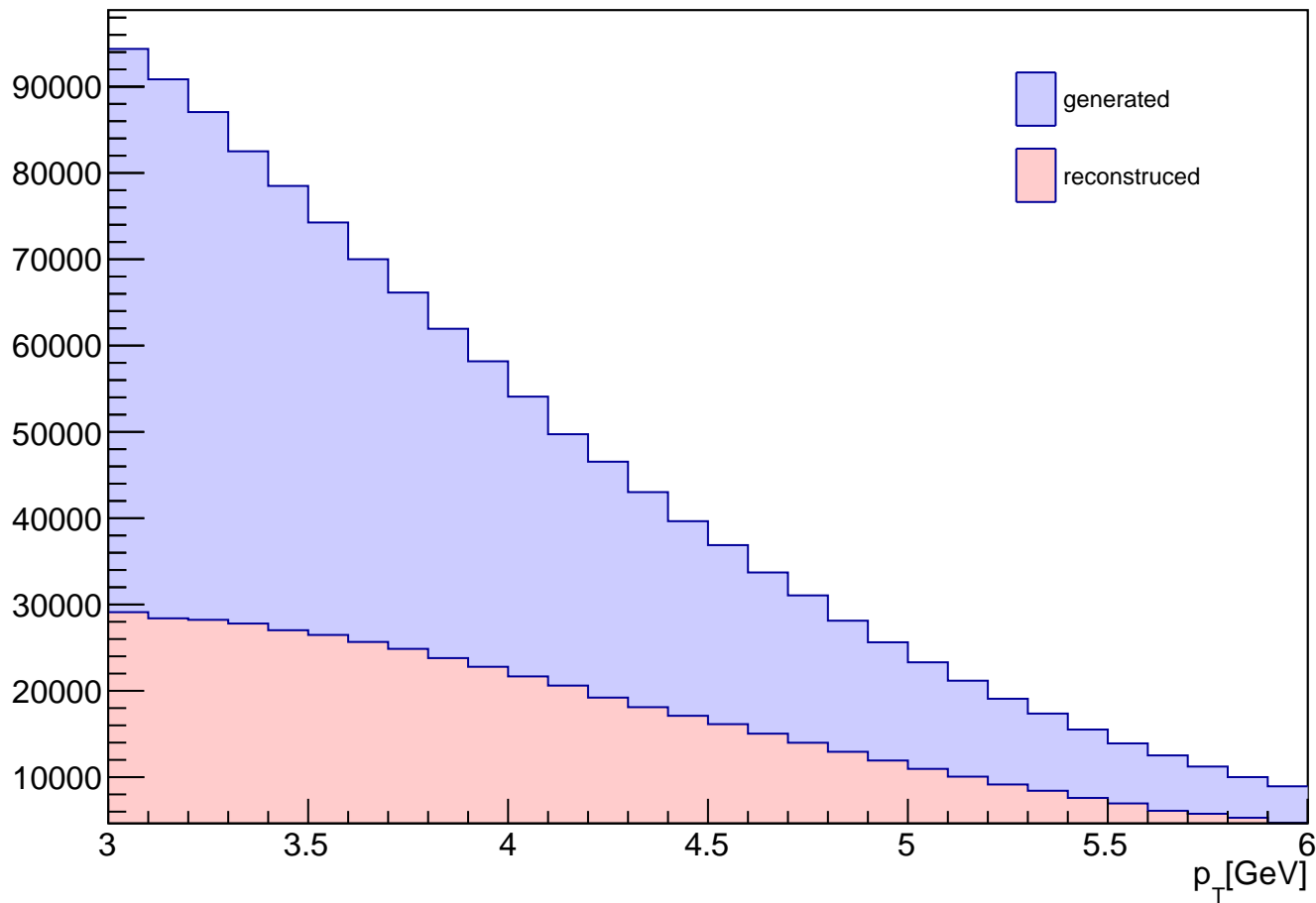




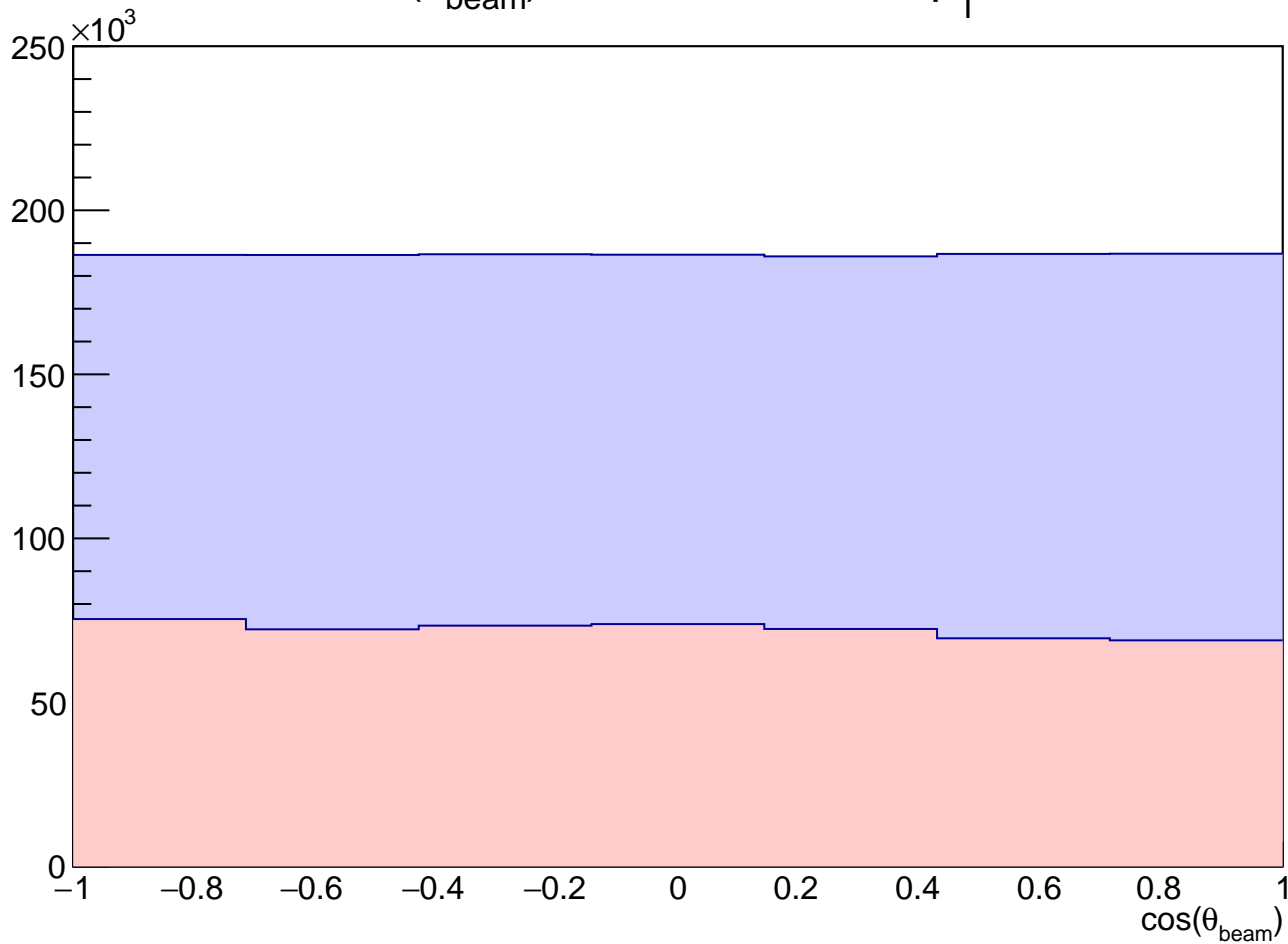
Number of Hypertritons(raw) for  $3 < p_T < 6$



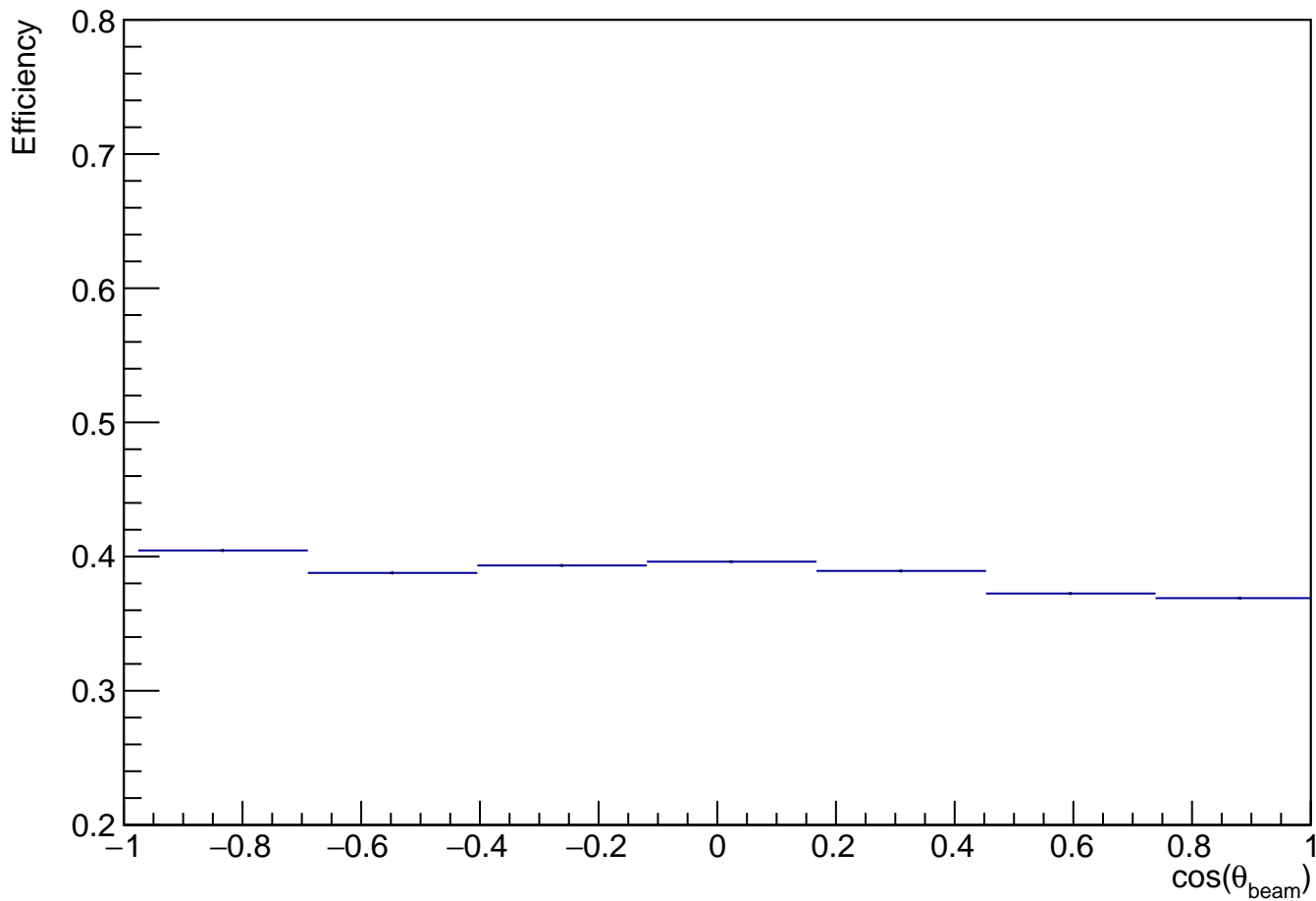
$p_T$  Distribution for  $3 < p_T < 6$



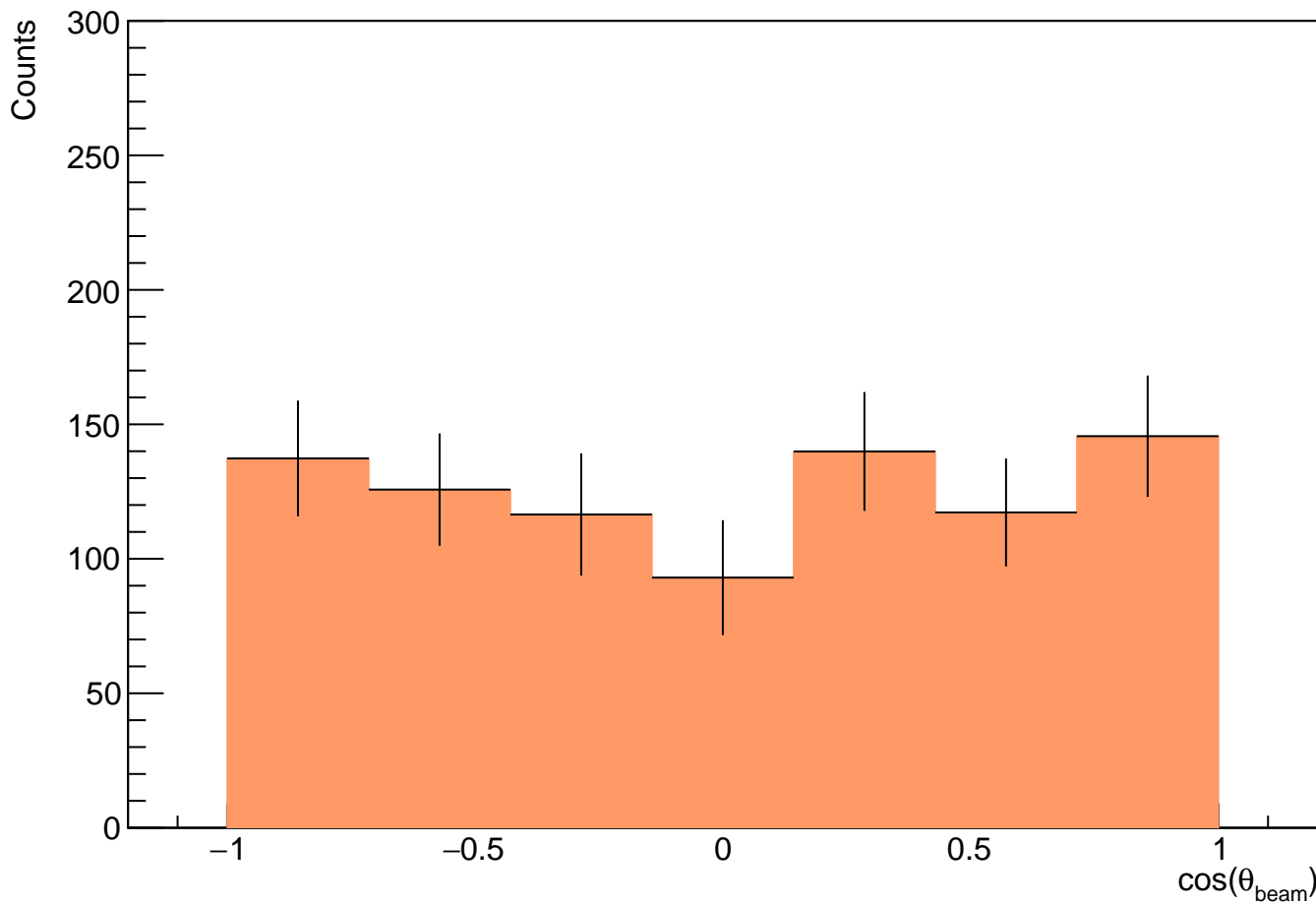
Cos( $\theta_{\text{beam}}$ ) Distribution for  $3 < p_T < 6$



# Detector Efficiency for $3 < p_T < 6$



Number of Hypertritons(corrected) for  $3 < p_T < 6$



Detector Efficiency for different  $p_T$  ranges.

