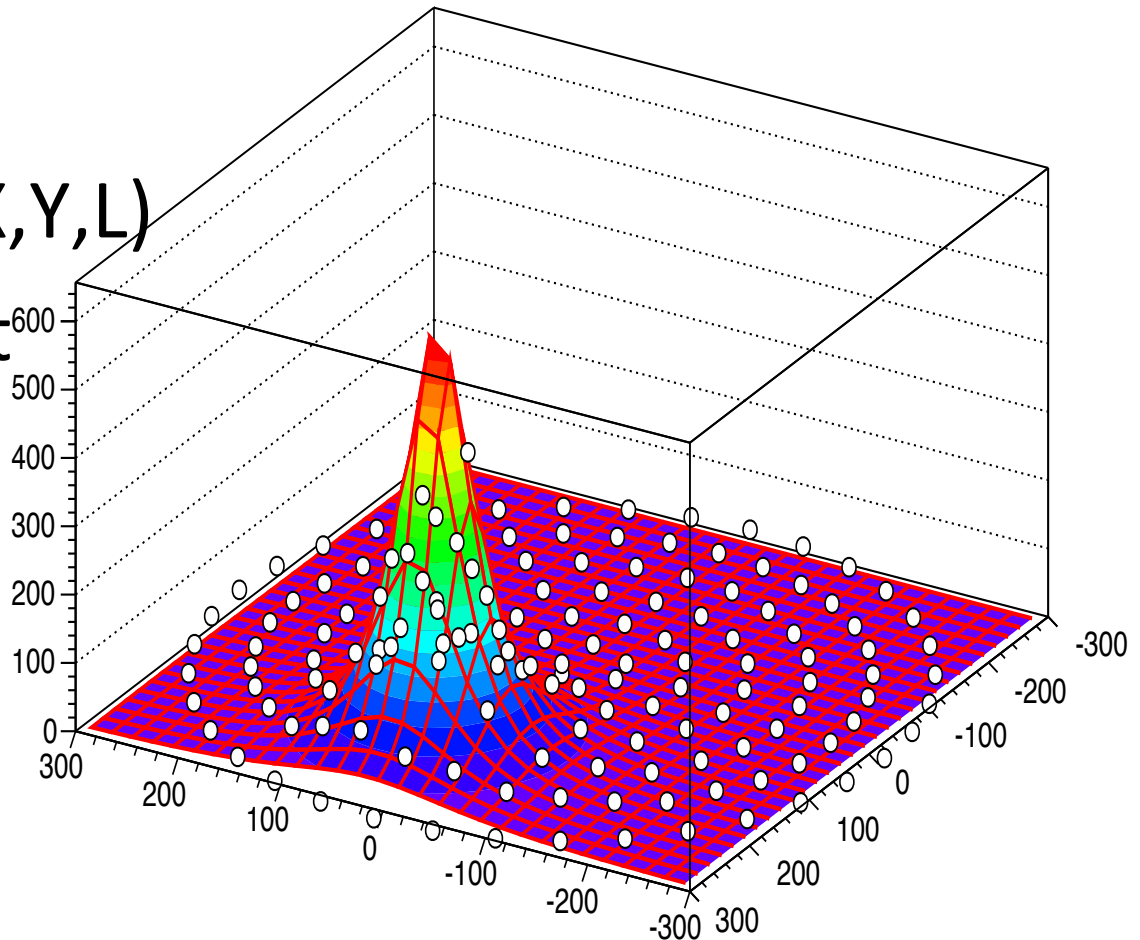


Pos-toyMC

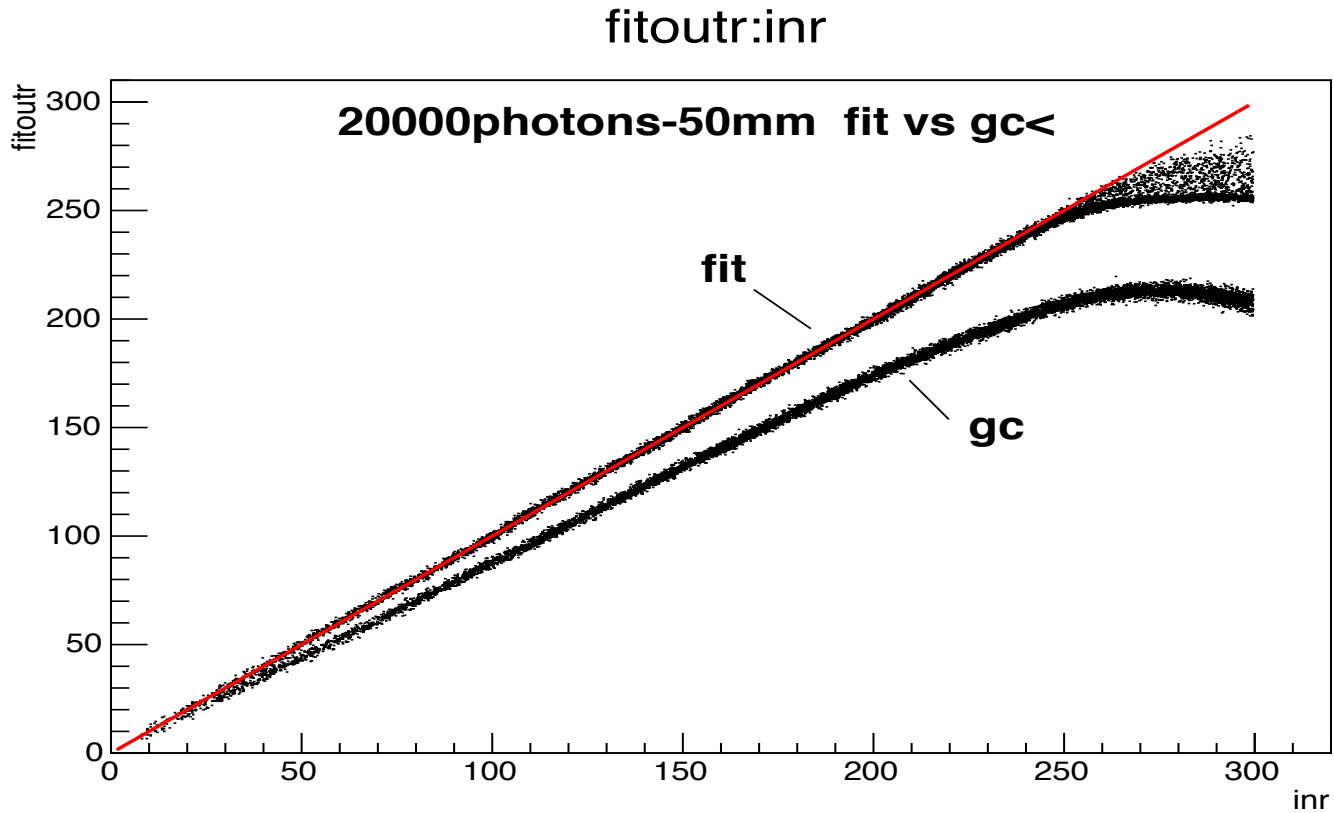
# Event Postion Reconstruction

- Gravity center
- Fit
- event position(X,Y,L)
- every pmt count
- $N_i(x_i, y_i, z_i, X, Y, L)$
- fit

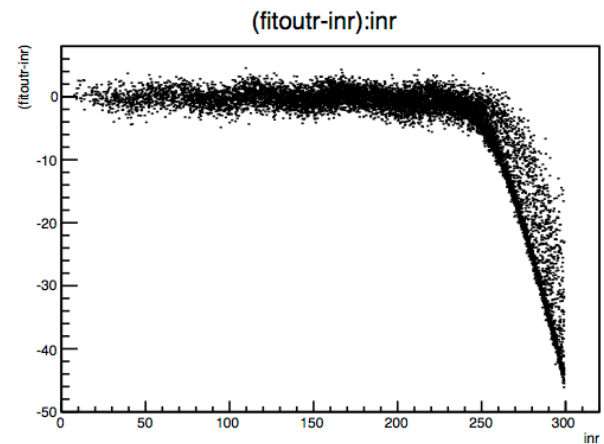
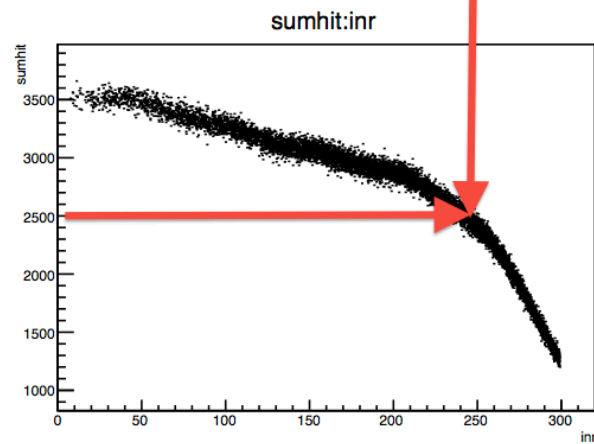
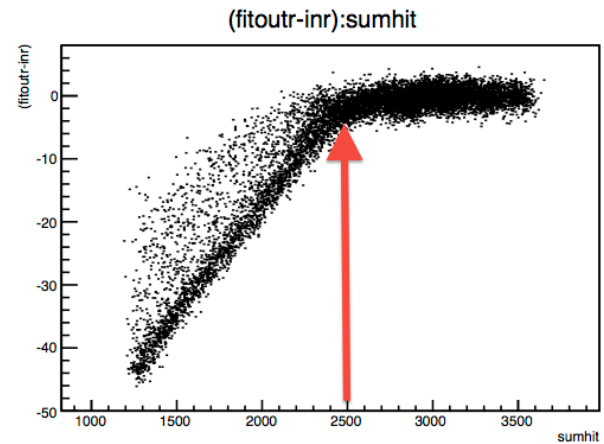
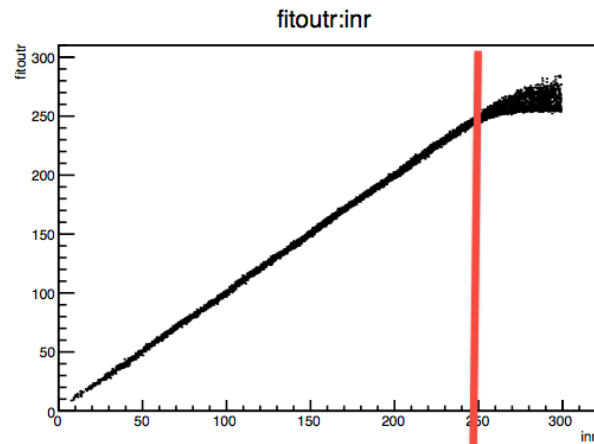
$$[0]*\text{TMath::Pi()*12.4*12.4*50/4}/\text{TMath::Pi()}/\text{pow}(((x-[1])*(x-[1])+(y-[2])*(y-[2])+50*50),1.5)$$



# 20000photons -50mm(so-ang easy-getted)



# Inr-sumhit-fitoutr



# 2000photons

fitoutr:inr

