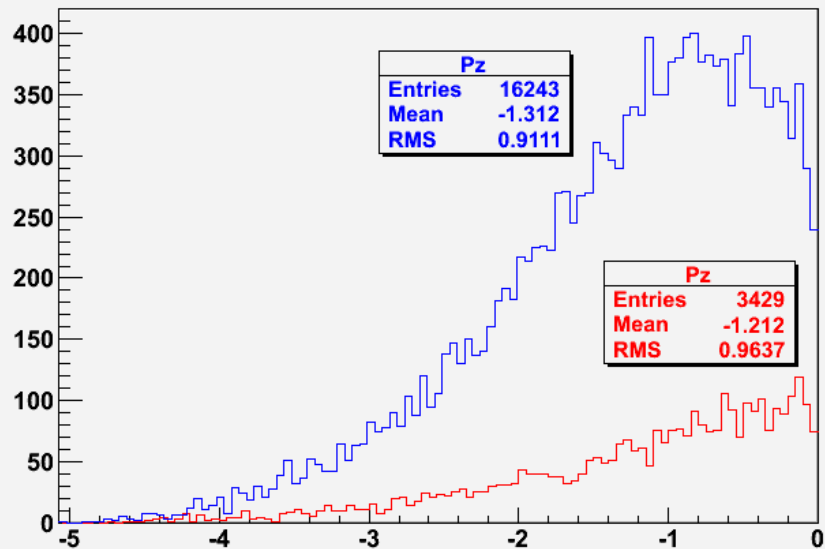


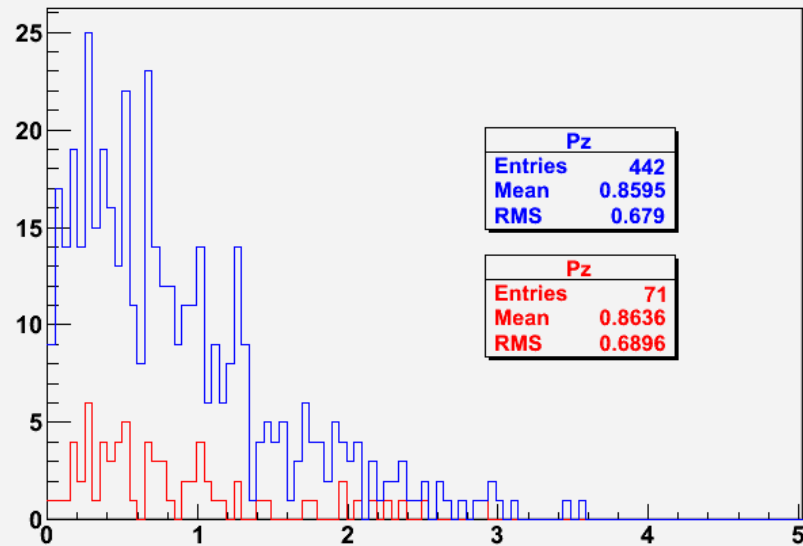
$10^6$  5.5 MeV/c e- on 1 $\mu$ m Au illuminate dump face (8hr on my lousy laptop)

Dump case is Al=1" or Be=0.25" + Cu=0.75"

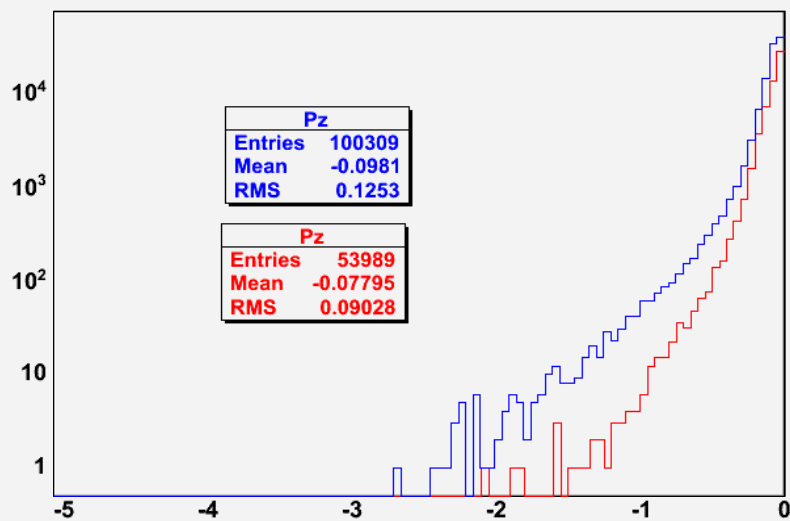
Electrons exit vacuum face  $P_z < 0$



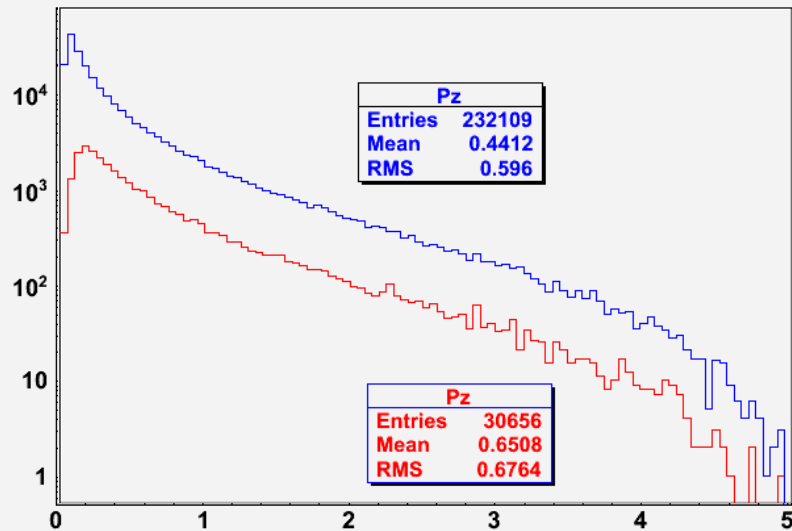
Electrons exit air face  $P_z > 0$



Photons exit vacuum face  $P_z < 0$

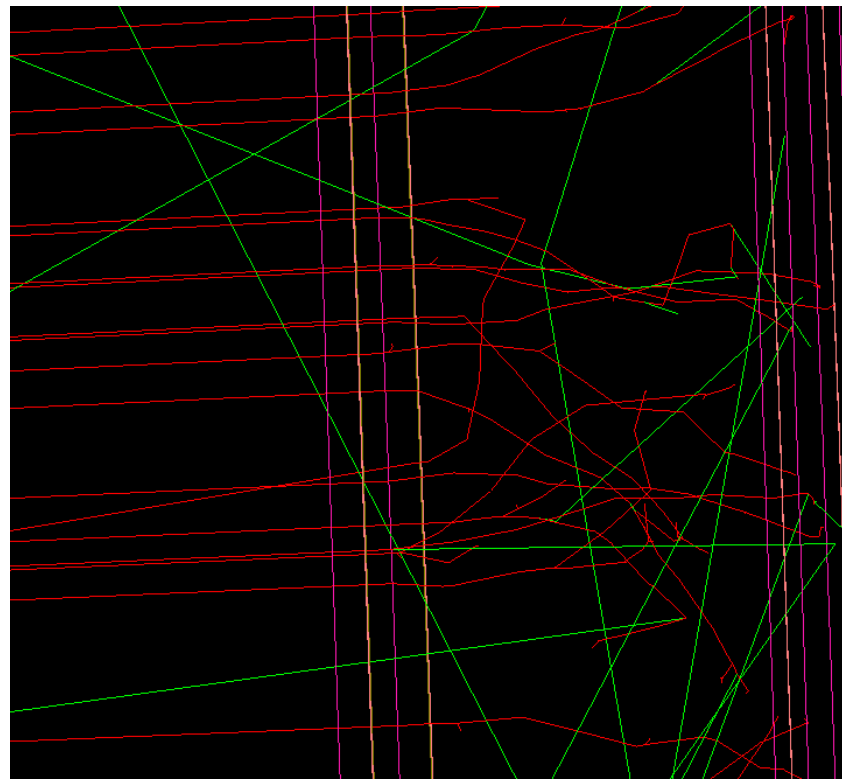
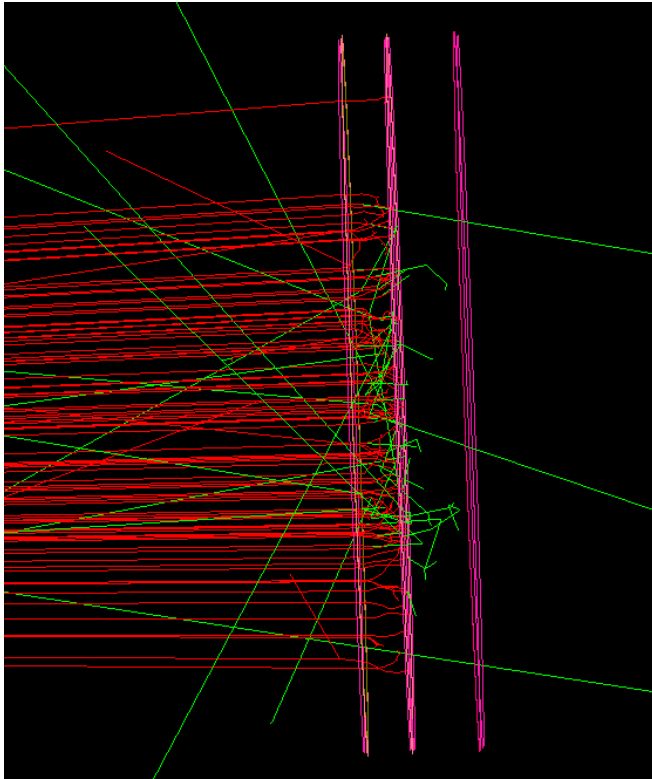
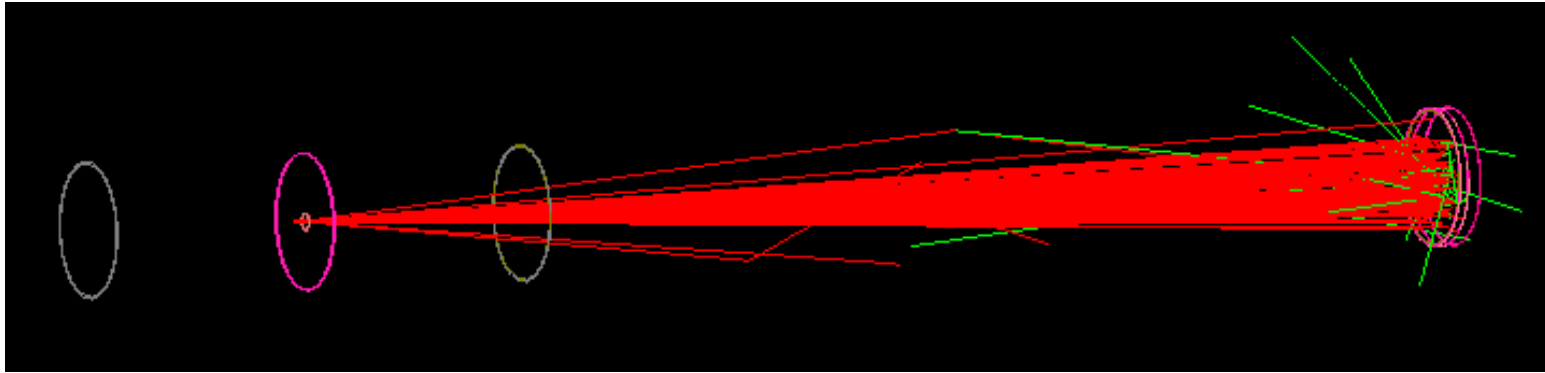


Photons exit air face  $P_z > 0$



Be=0.25" + Cu=0.75"

electrons and photons



$\Delta l = 1.00''$

electrons and photons

