

- Information about the kinematics of photon-photon collisions from lepton beams.
- **double Info::eCMsub()**
Collision energy of the *gamma-gamma* sub-system.
- **double Info::xGammaA()**
double Info::xGammaB()
x fractions of lepton momenta carried by the photons.
- **double Info::Q2GammaA()**
double Info::Q2GammaB()
Virtualities of the photons emitted by the leptons.
- **double Info::thetaScatLepA()**
double Info::thetaScatLepB()
Scattering angles of the leptons wrt. the beam direction.
- **int Info::photonMode()**
Type of photon process, see [Photoproduction](#) for details.

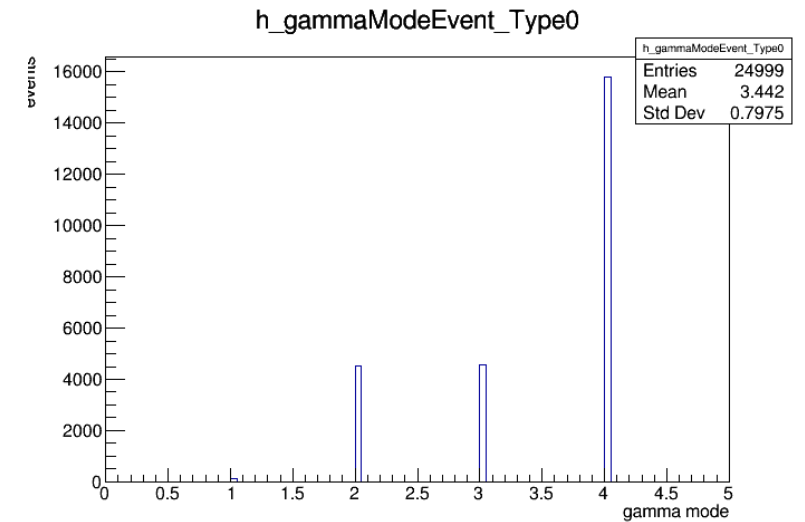
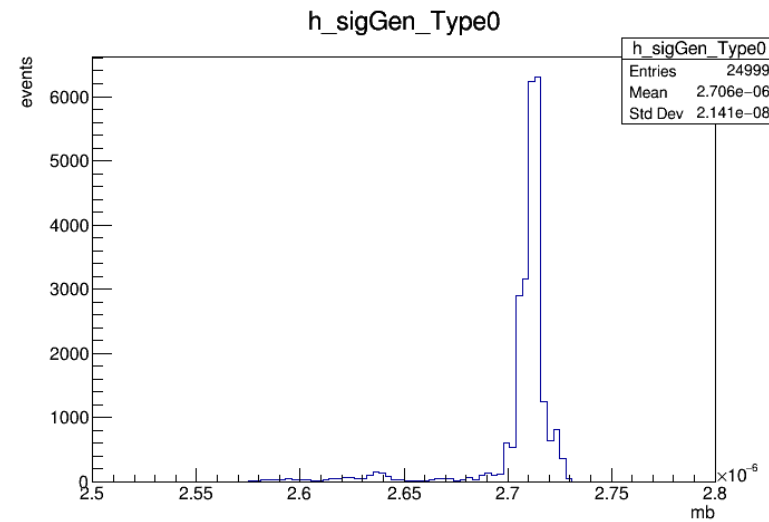
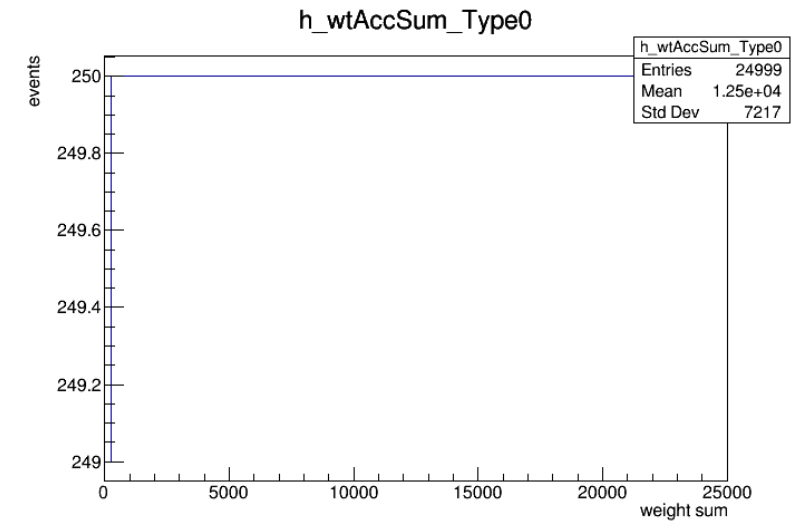
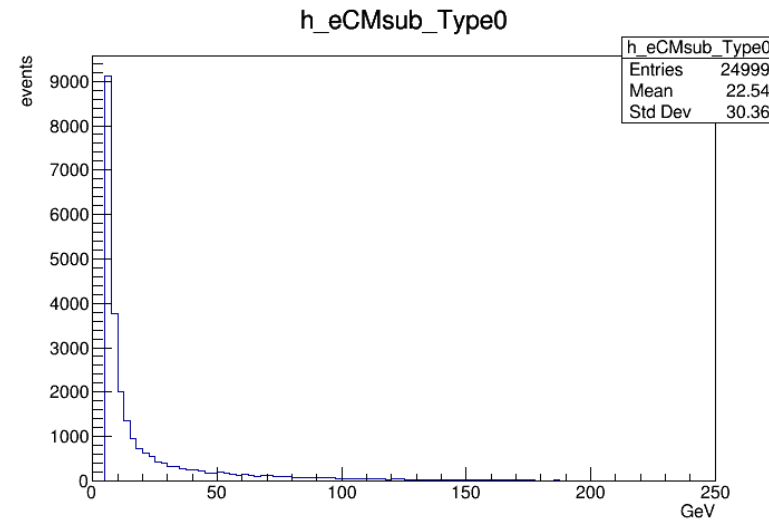
Wmin 5

parm **Photon:Wmin** (default = **10.0**; minimum = 5.0)

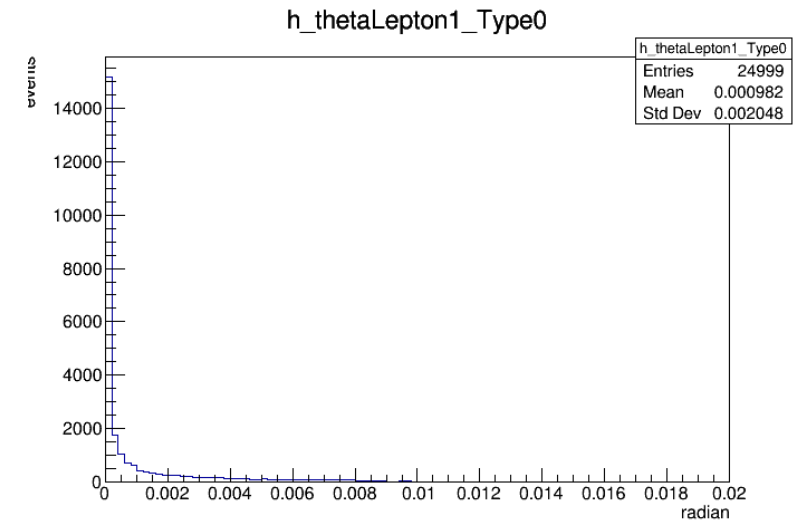
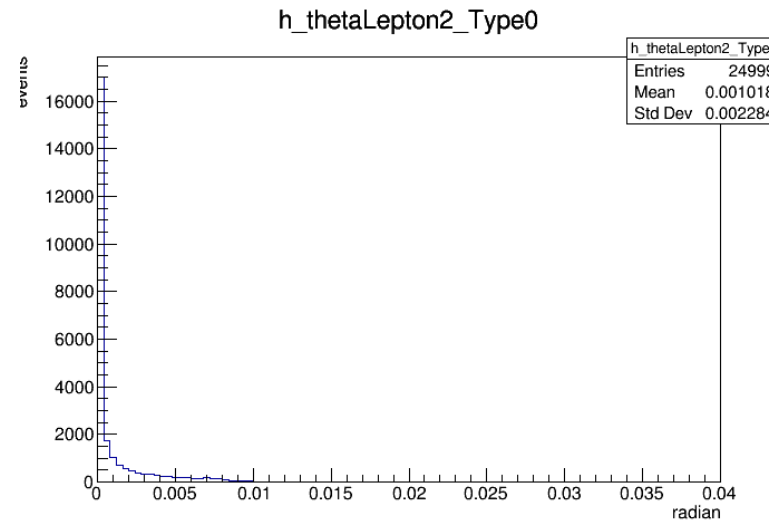
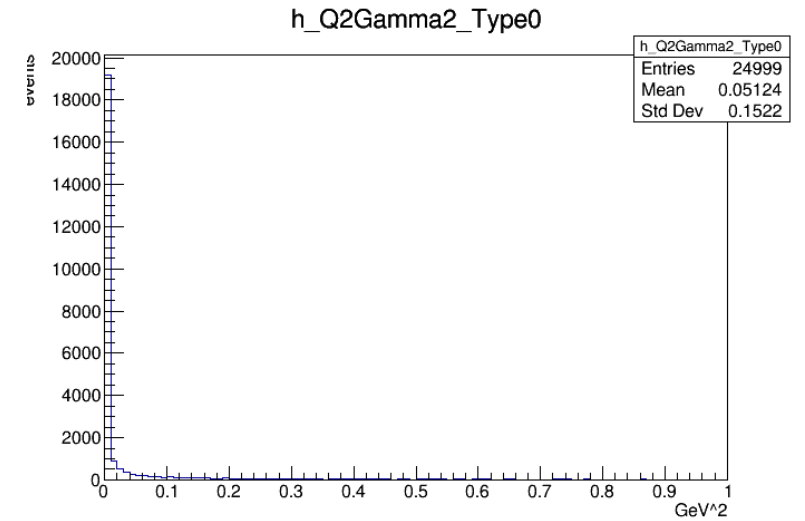
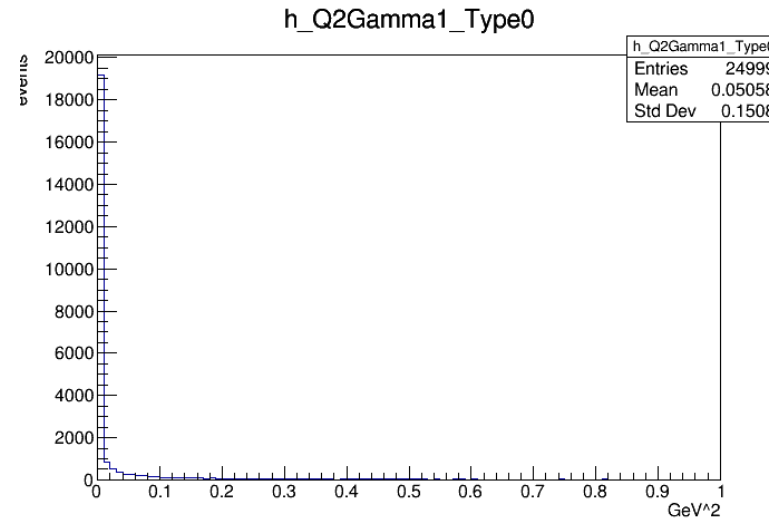
Lower limit for invariant mass of *gamma-gamma* or *photon-hadron* system in *GeV*

Photon type 0

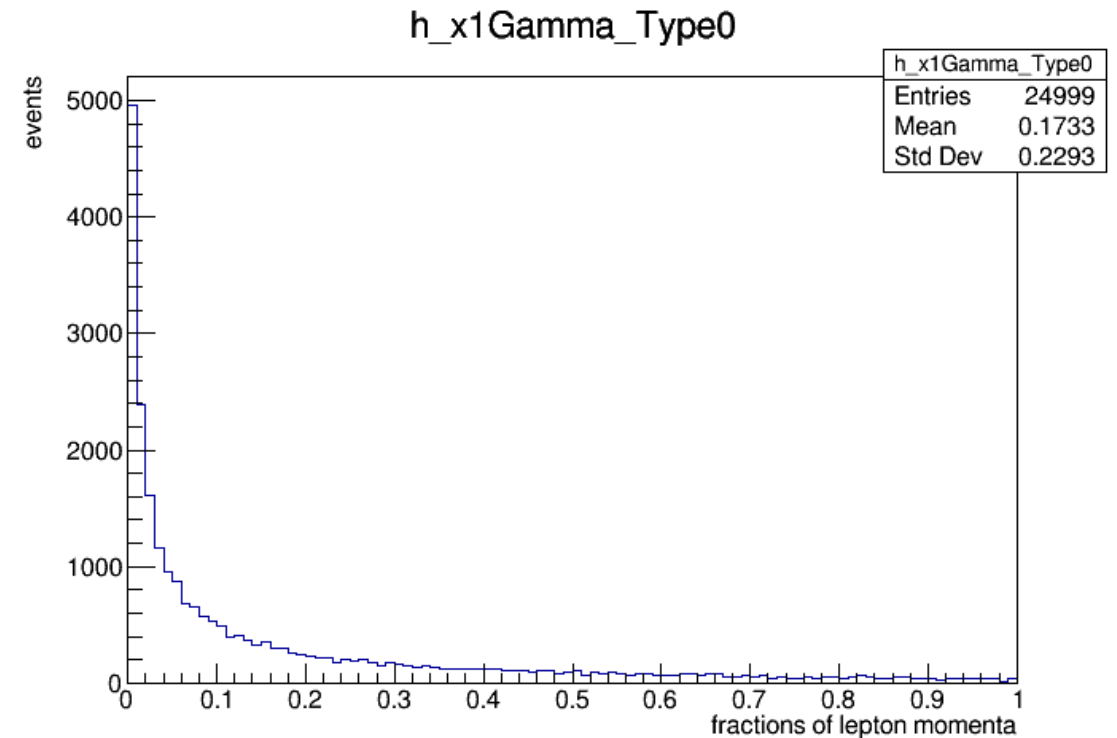
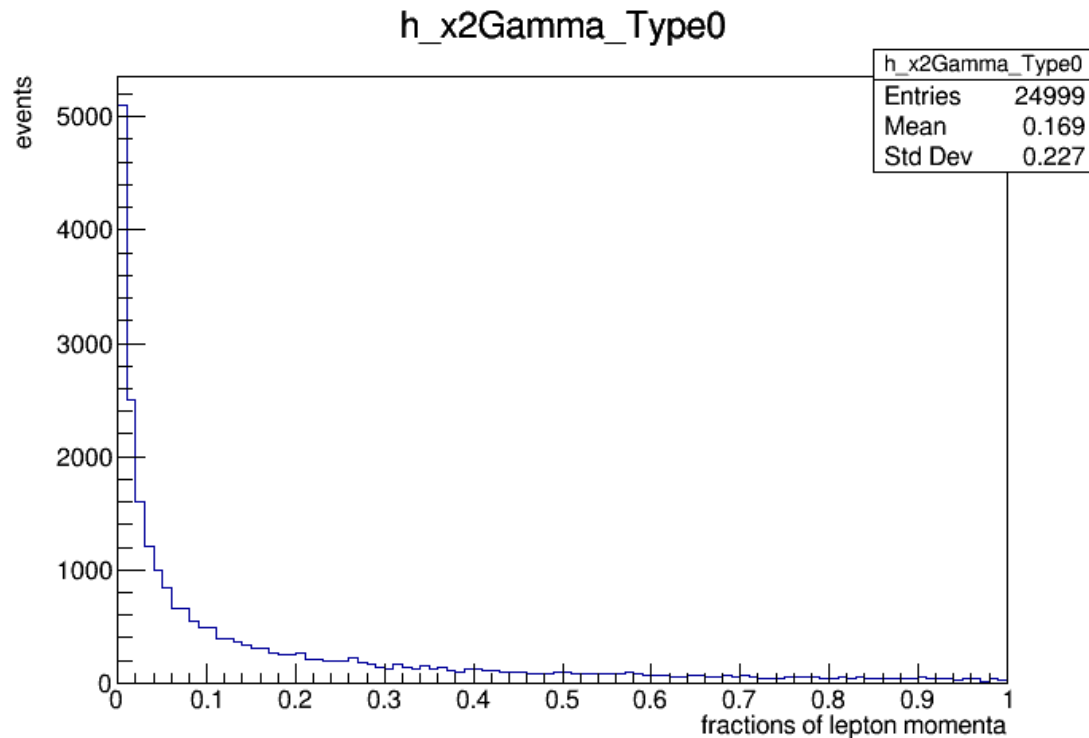
gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype0



gamma-
gamma_all_
Wmin5_25k
_PhotonTyp
e0

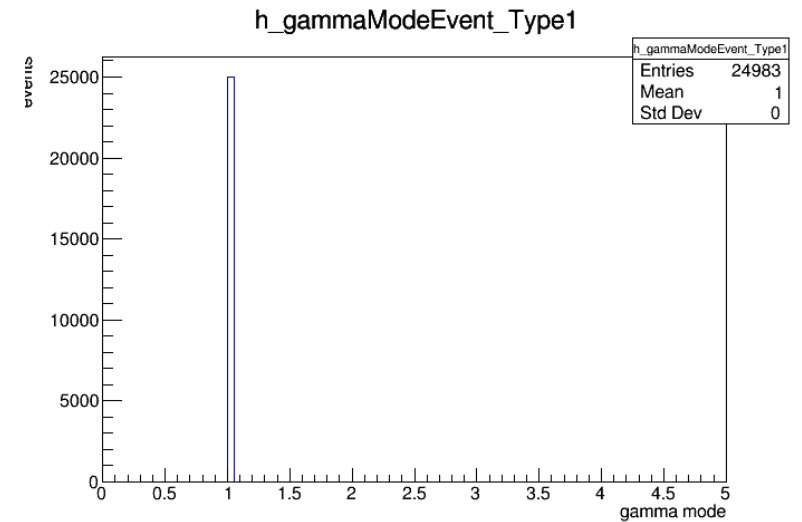
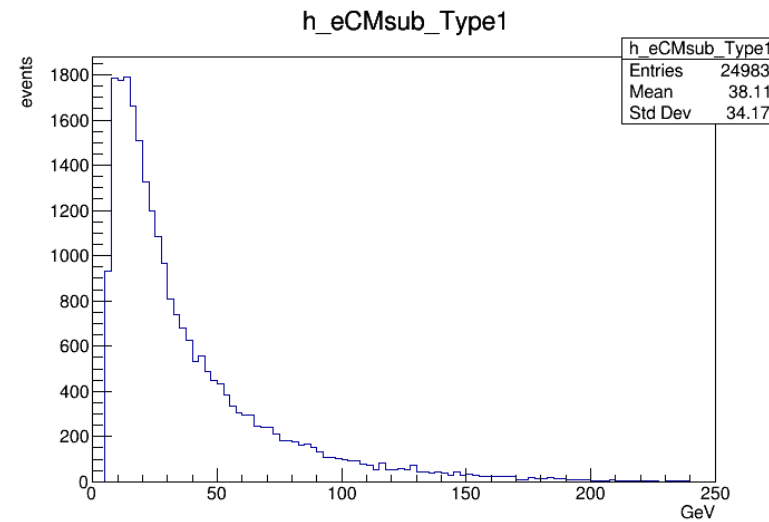
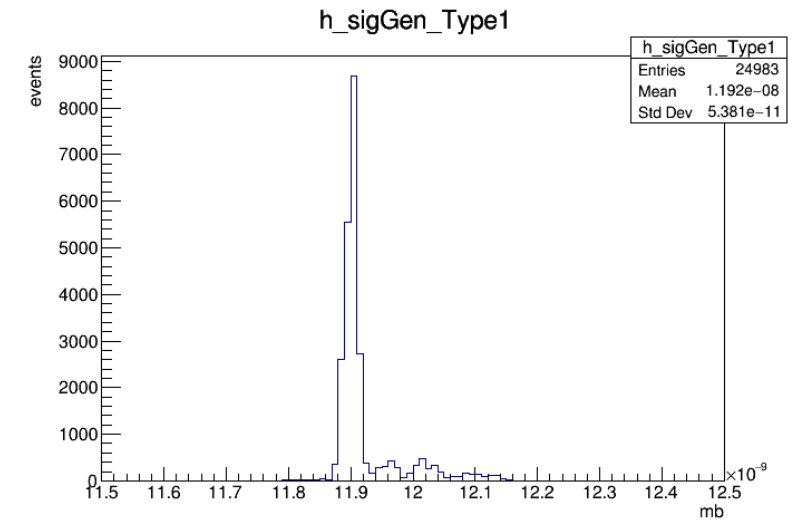
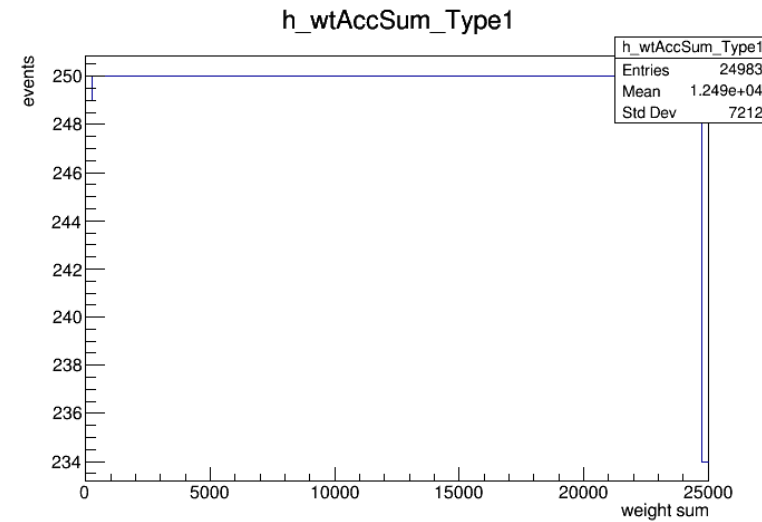


gamma- gamma_all_Wmin5_25k_PhotonType0

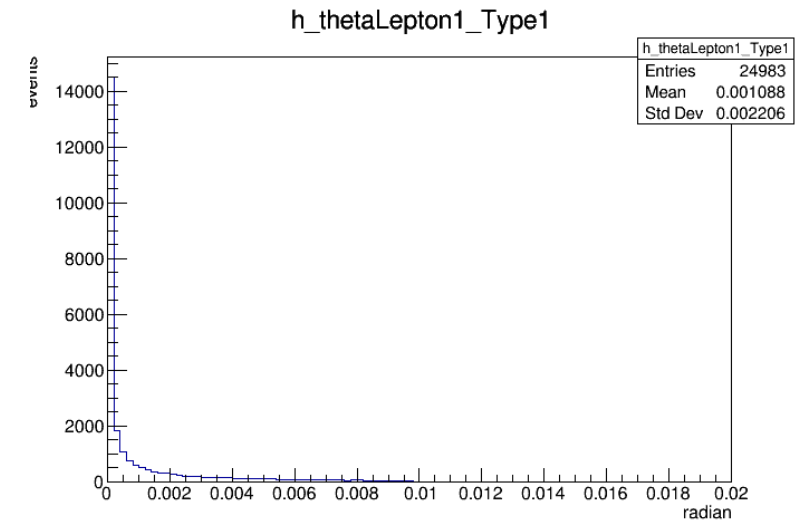
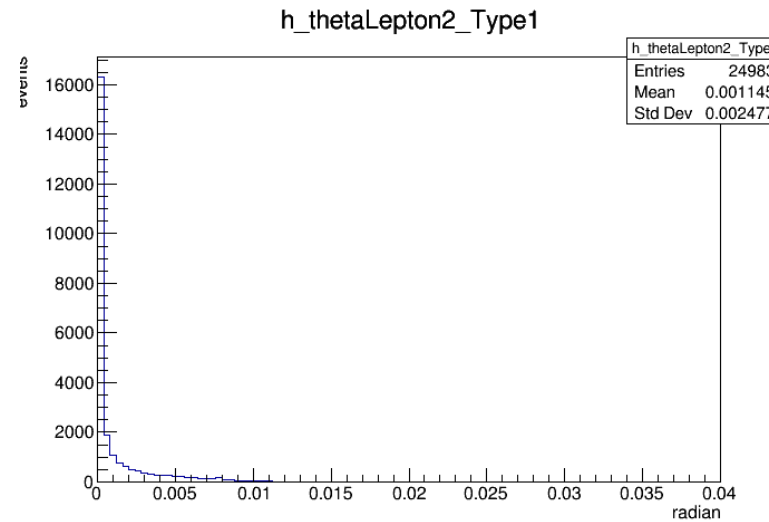
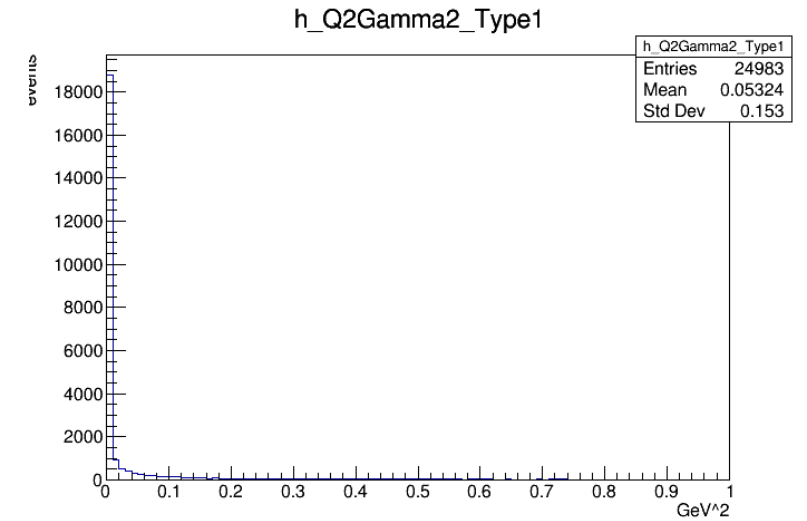
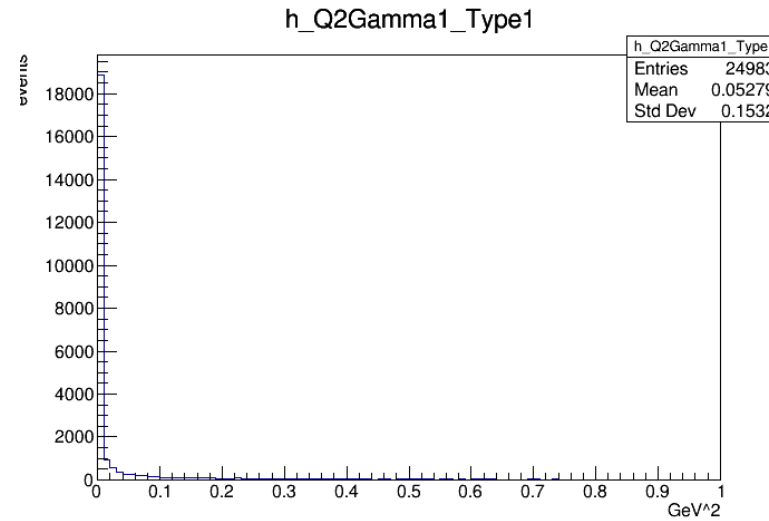


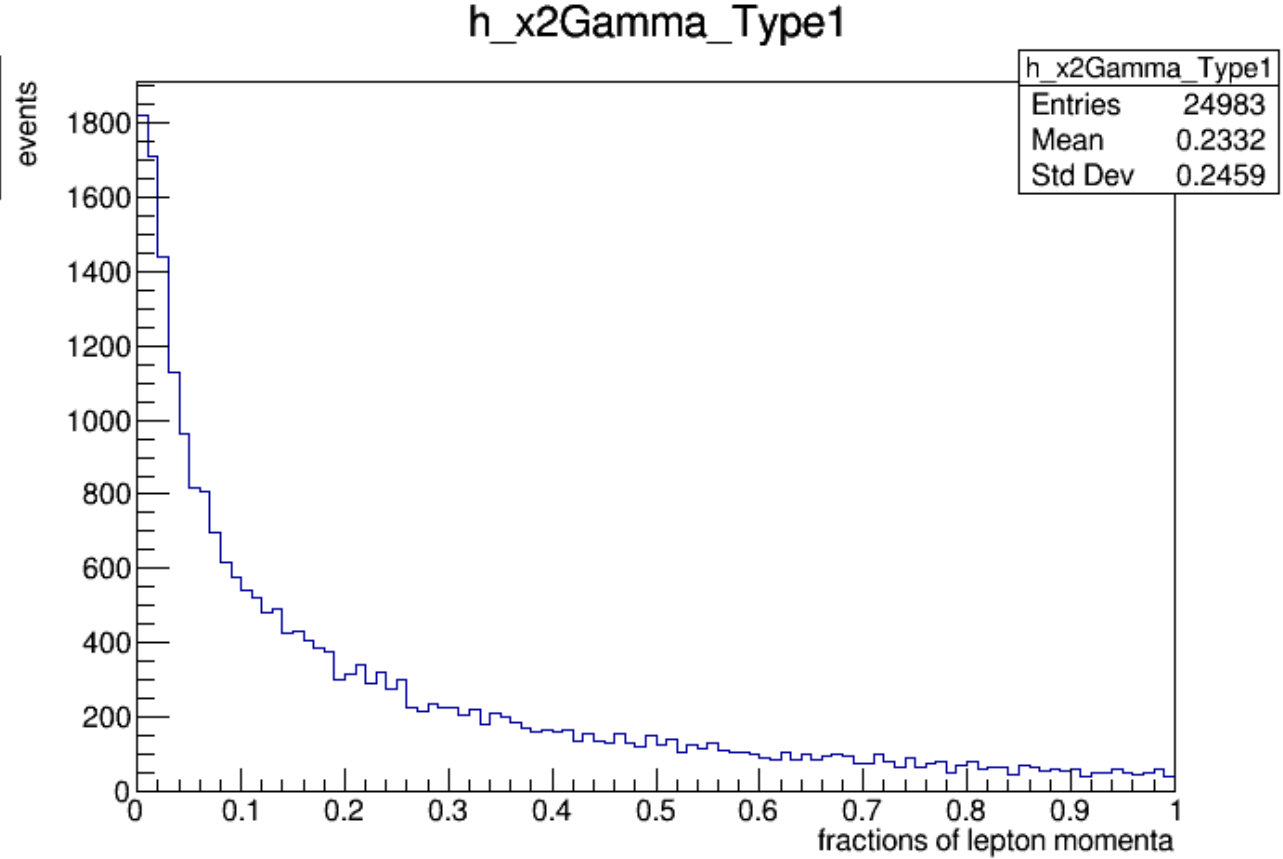
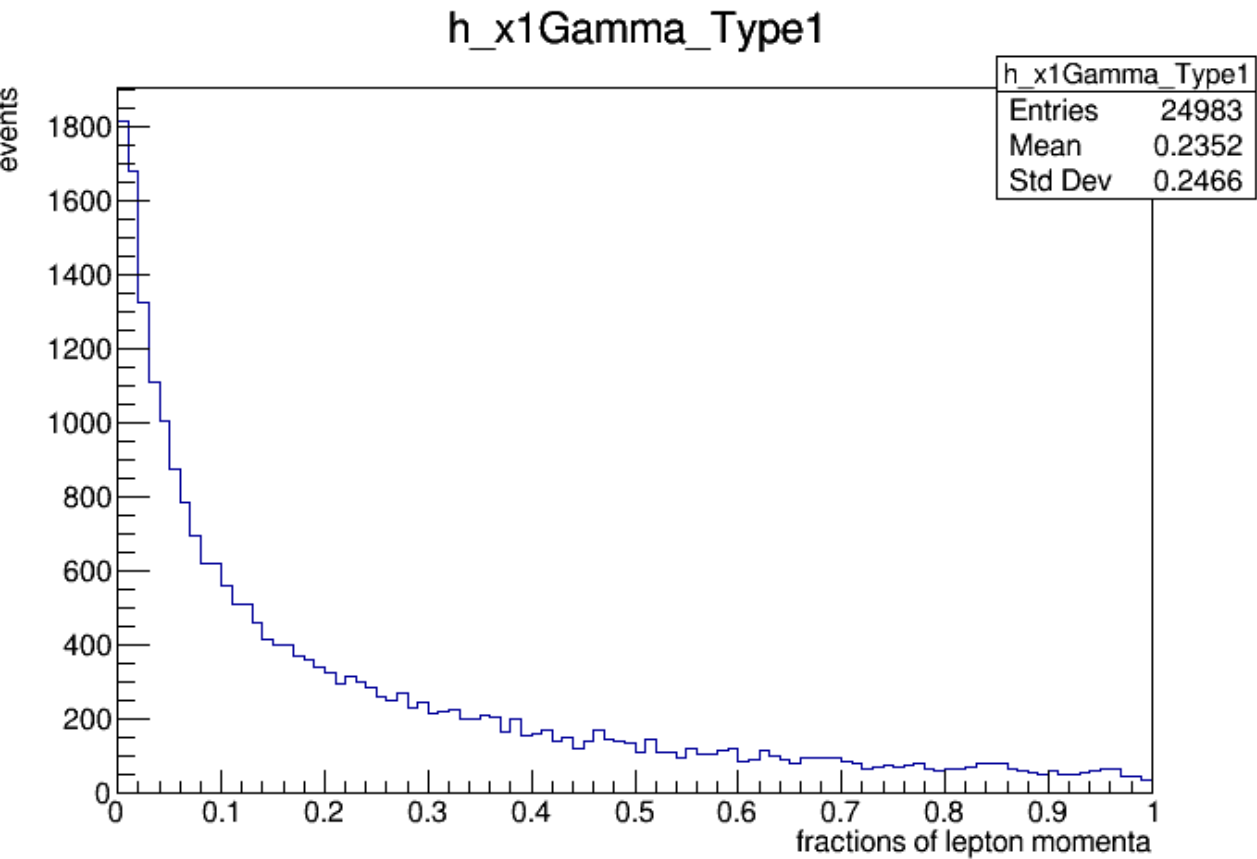
Photon type 1

gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype1



gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype1

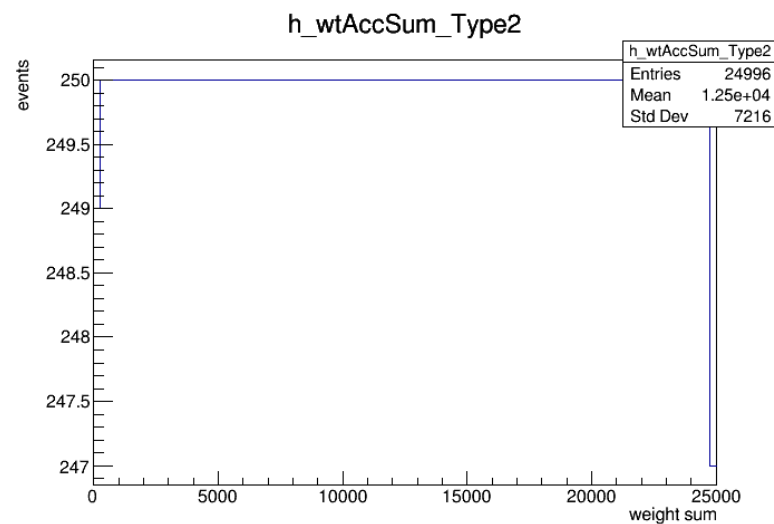
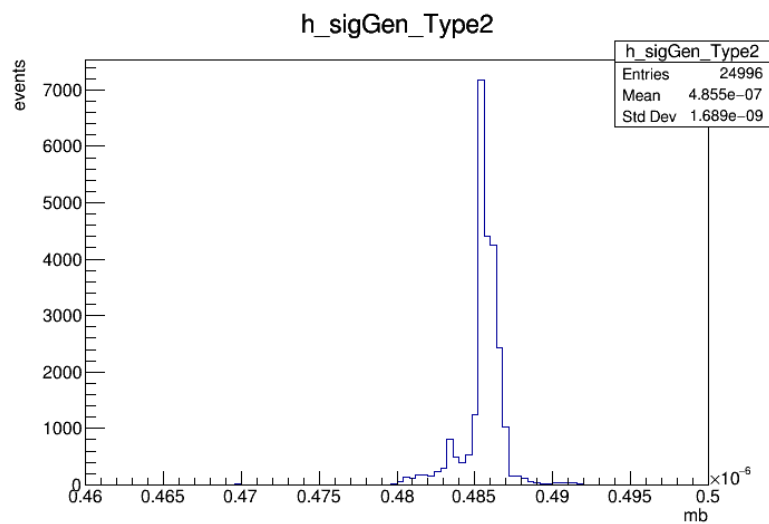
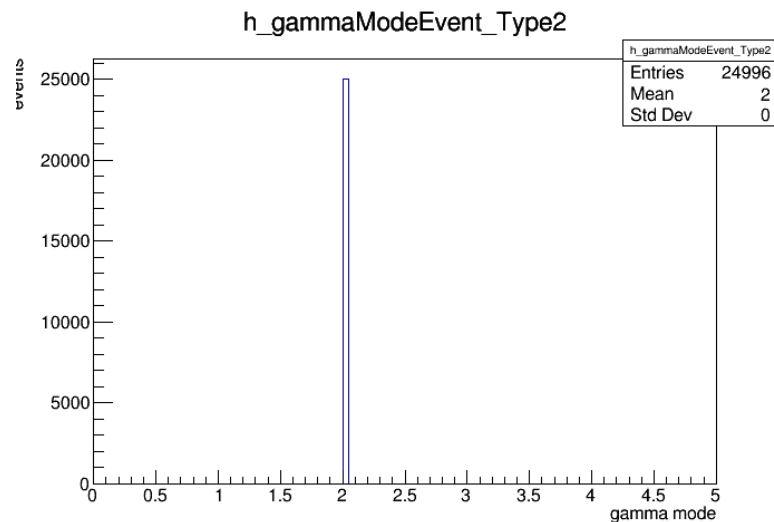
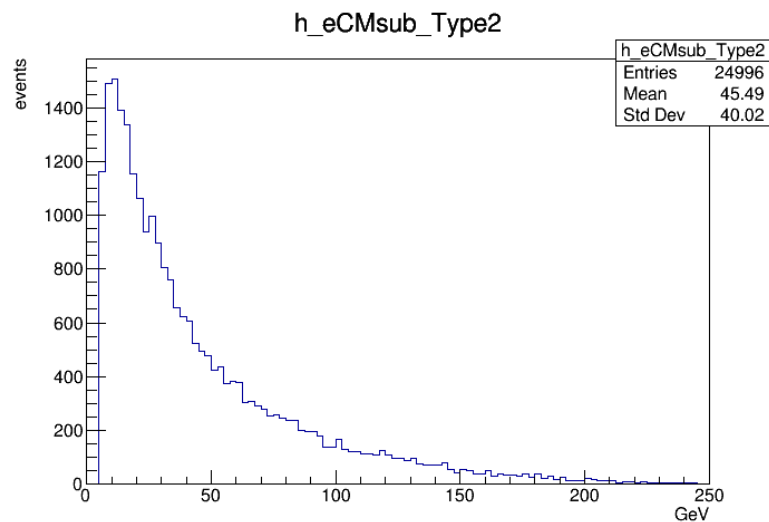




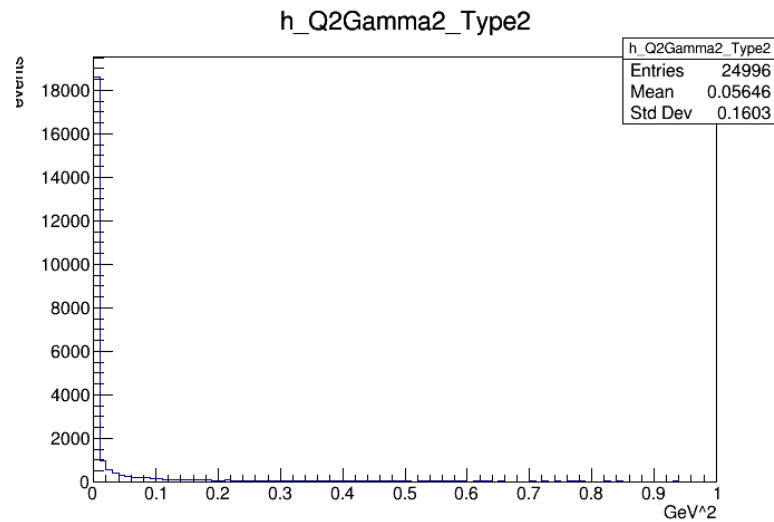
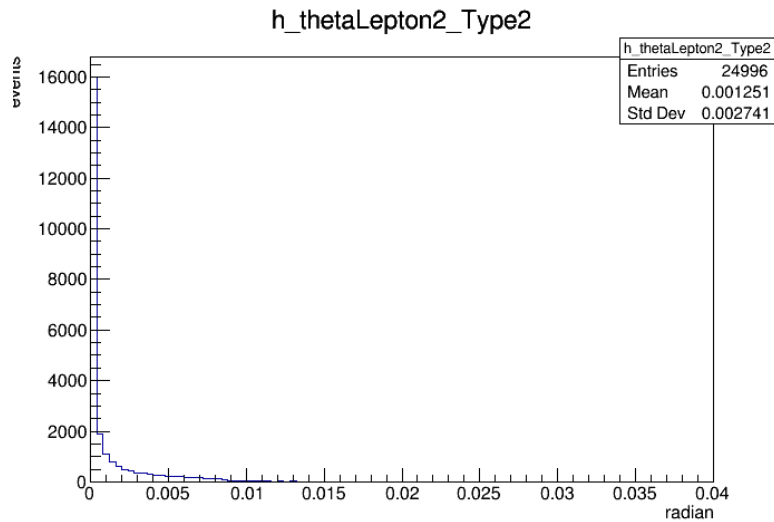
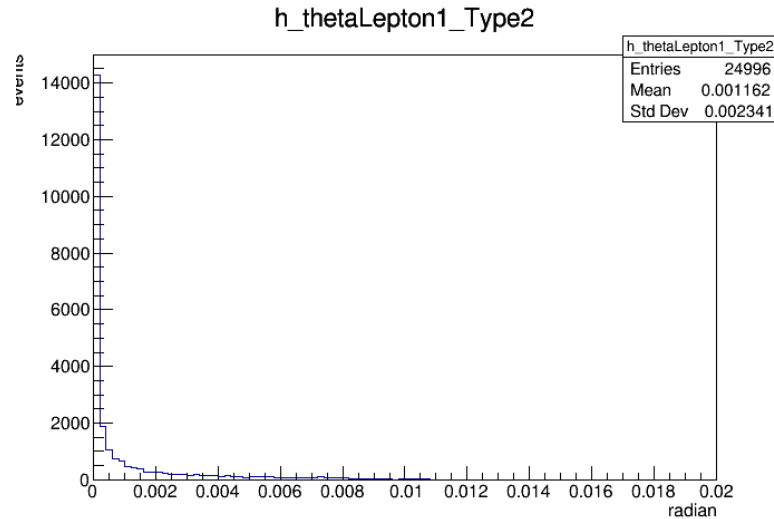
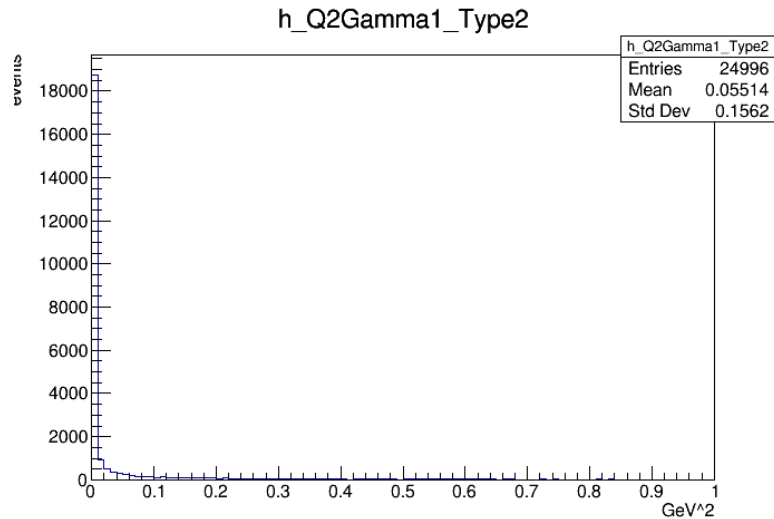
gamma-gamma_all_Wmin5_25k_PhotonType1



Photon type 2

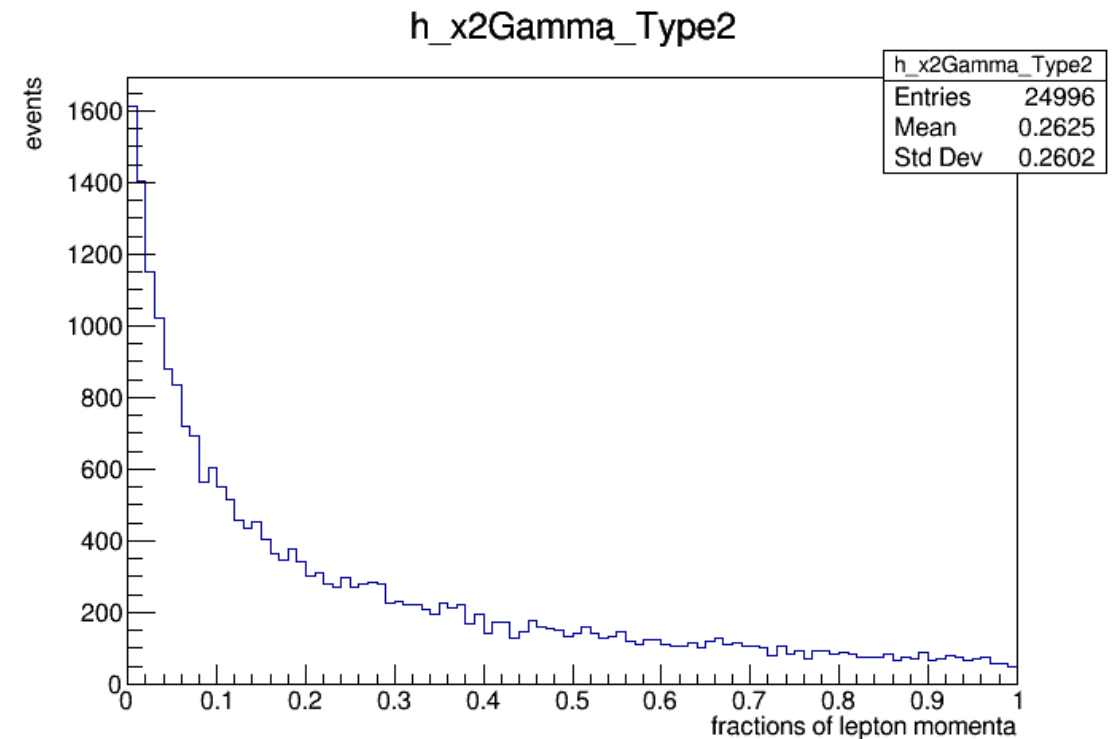
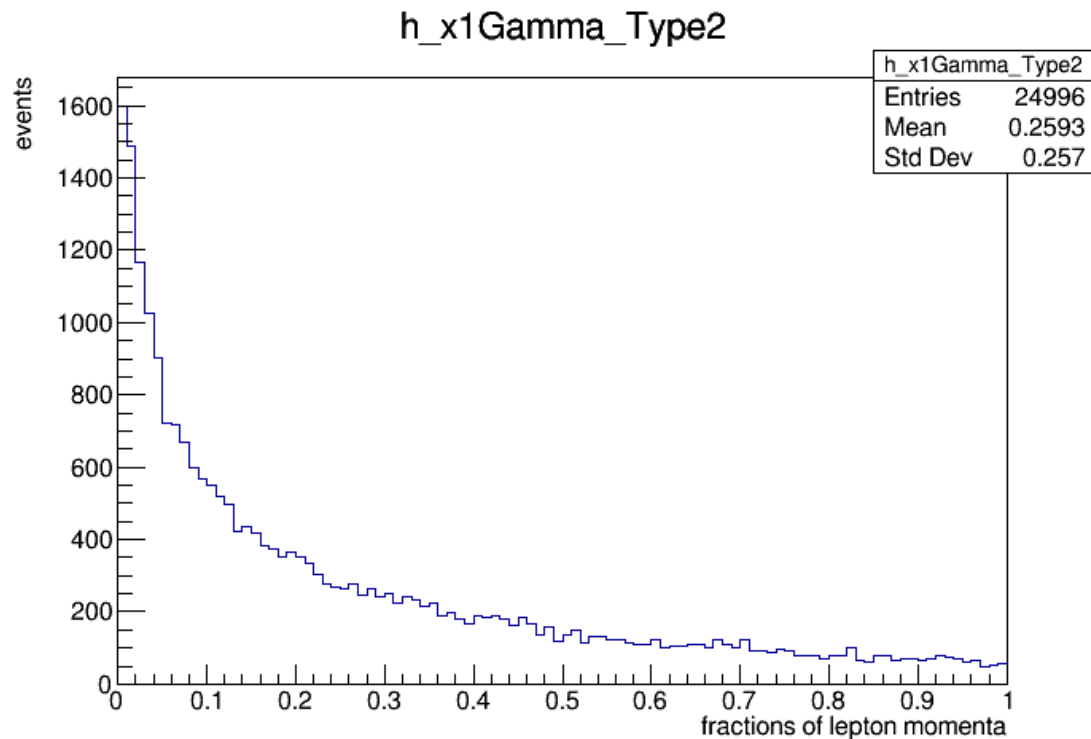


gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype2



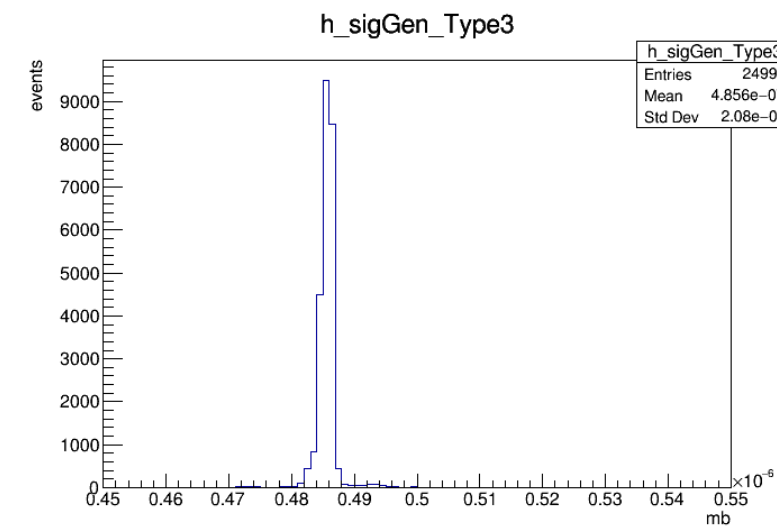
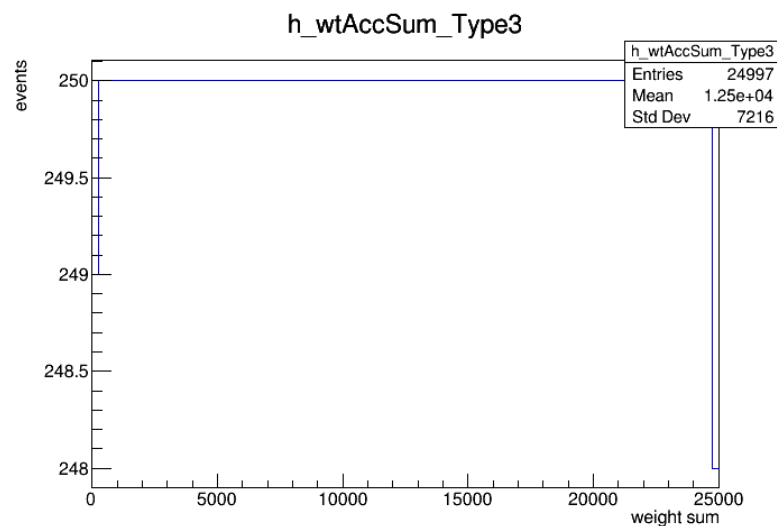
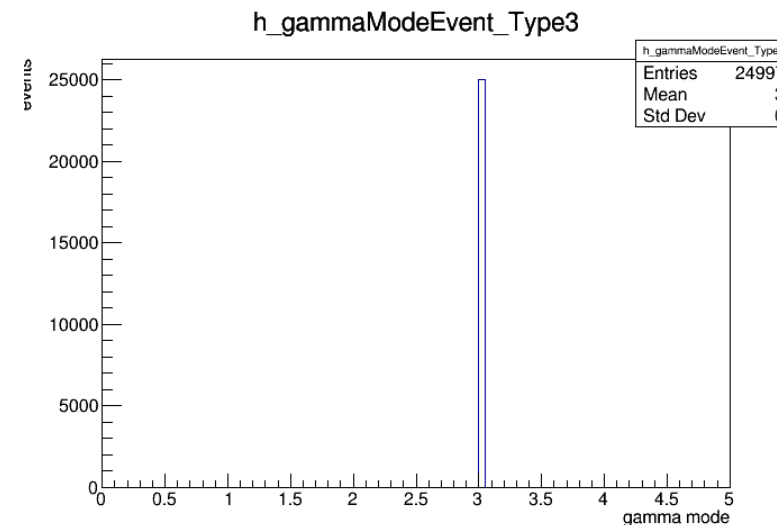
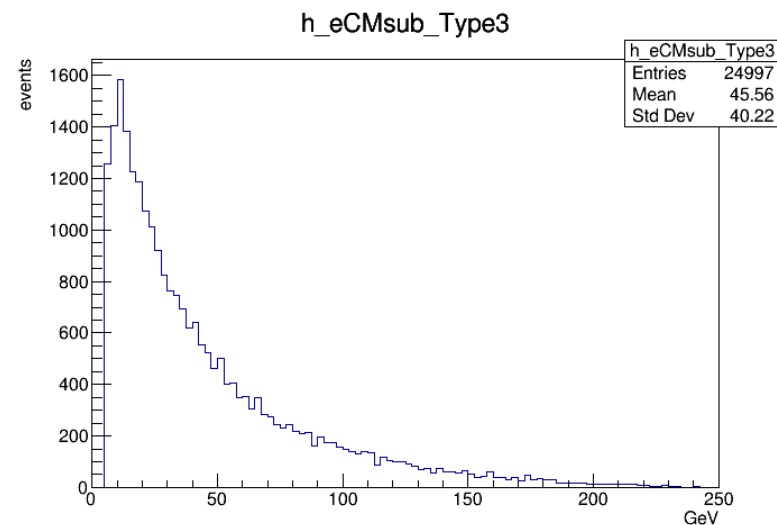
gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype2

gamma- gamma_all_Wmin5_25k_PhotonType2

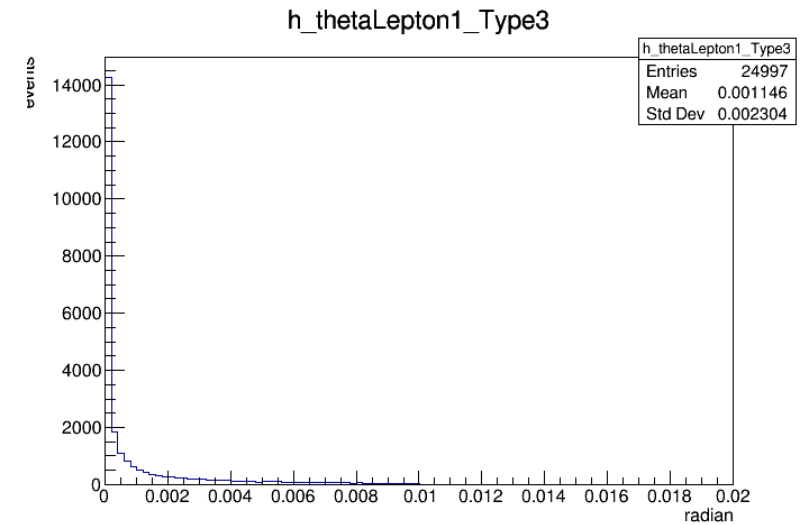
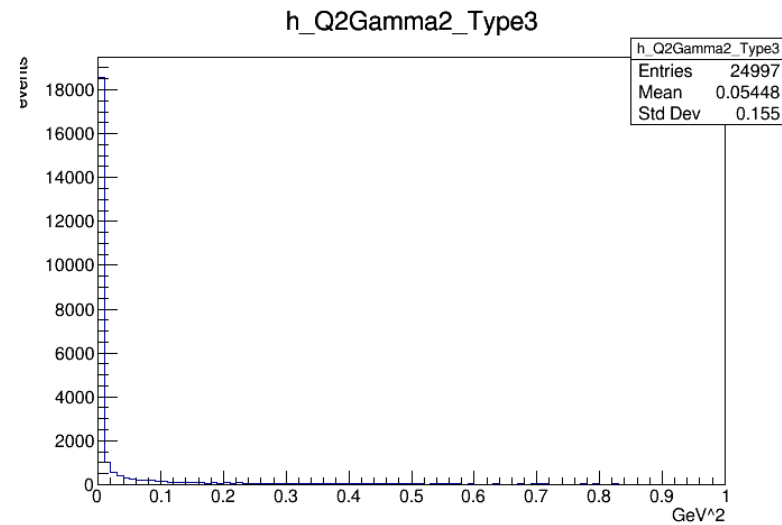
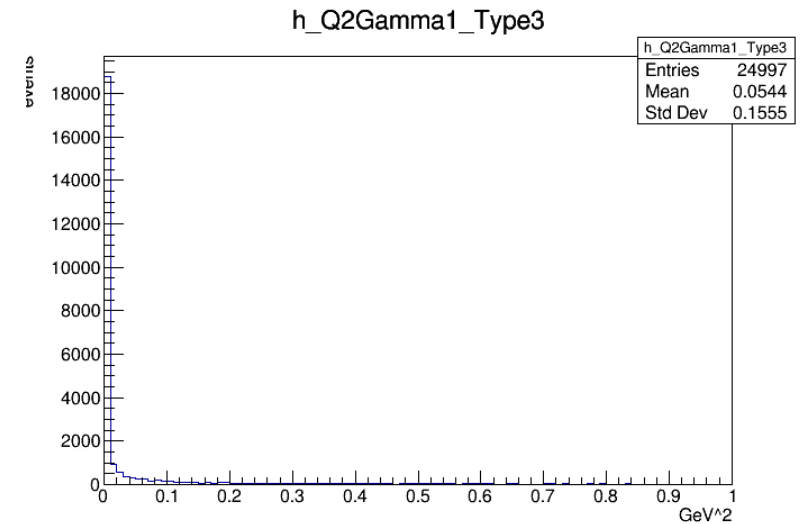
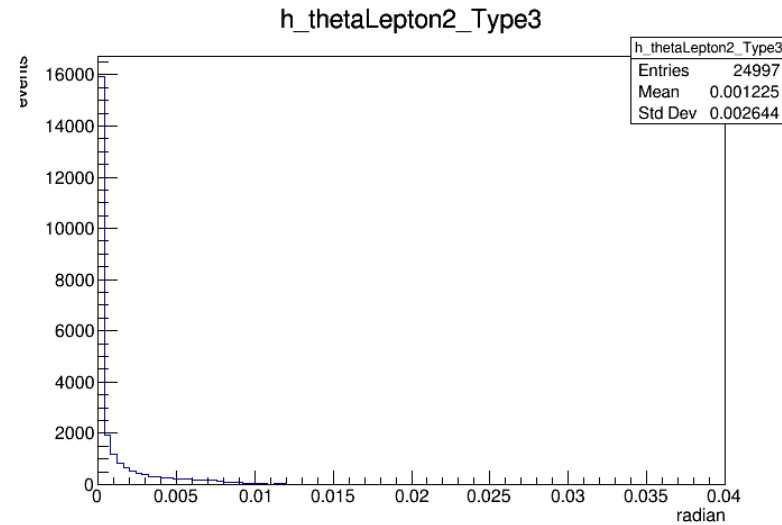


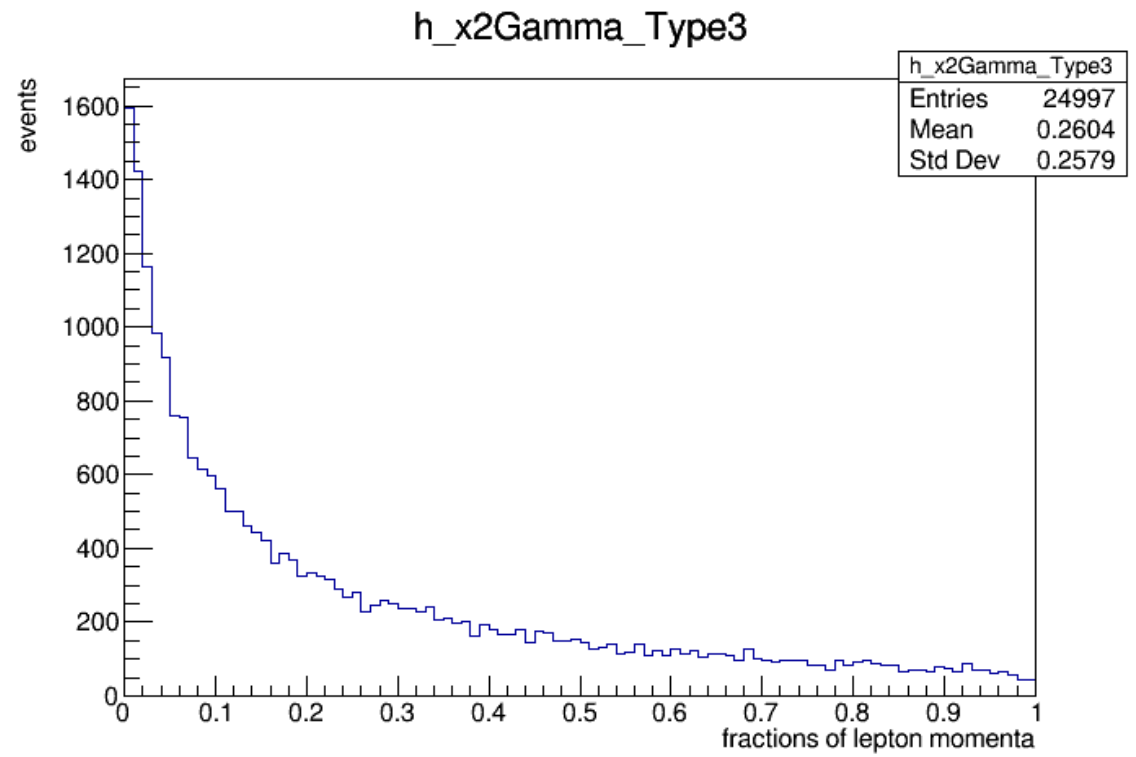
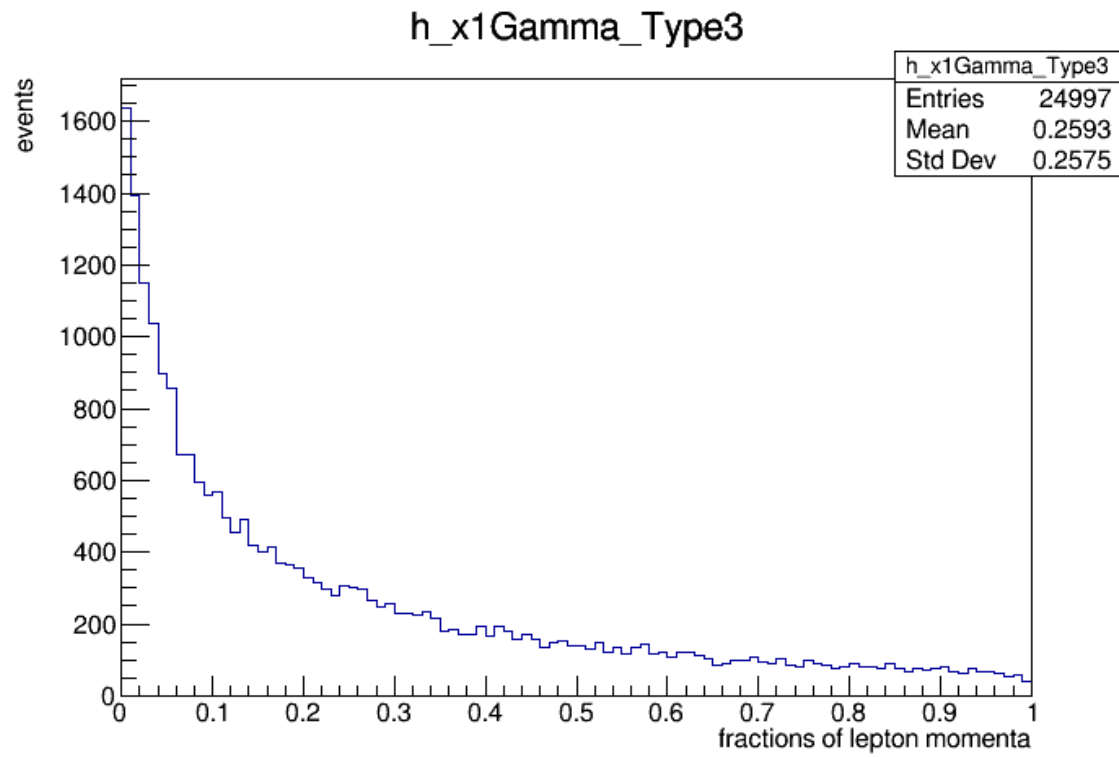
Photon type 3

gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype3



gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype3

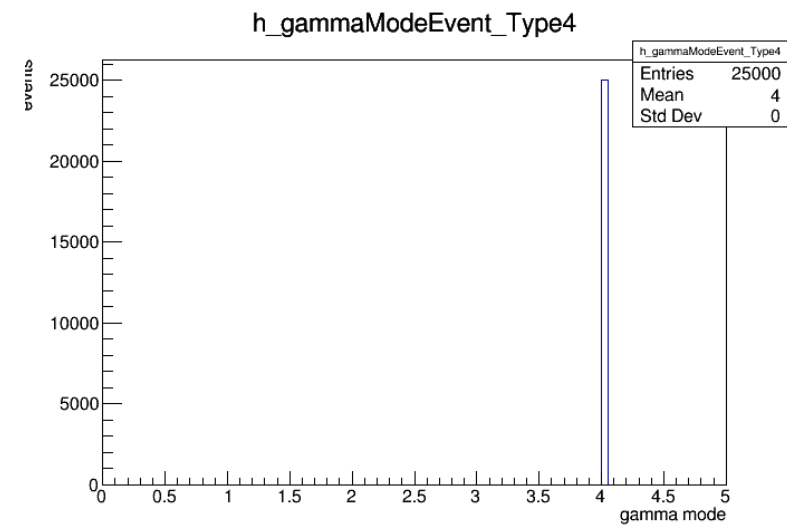
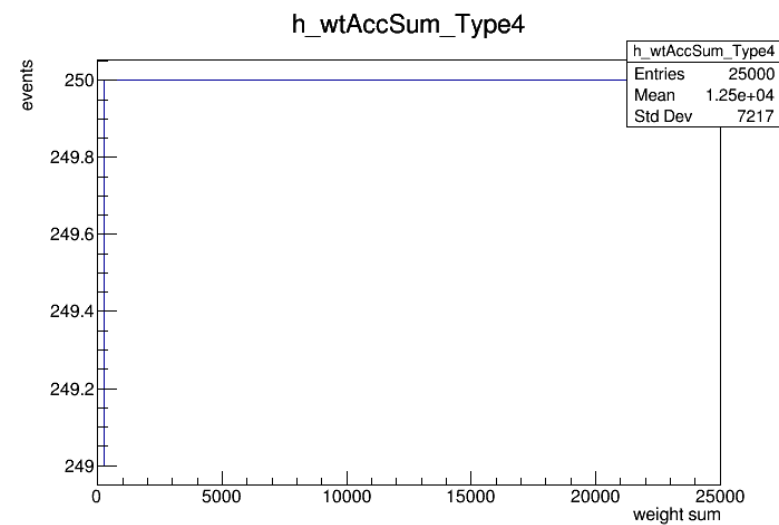
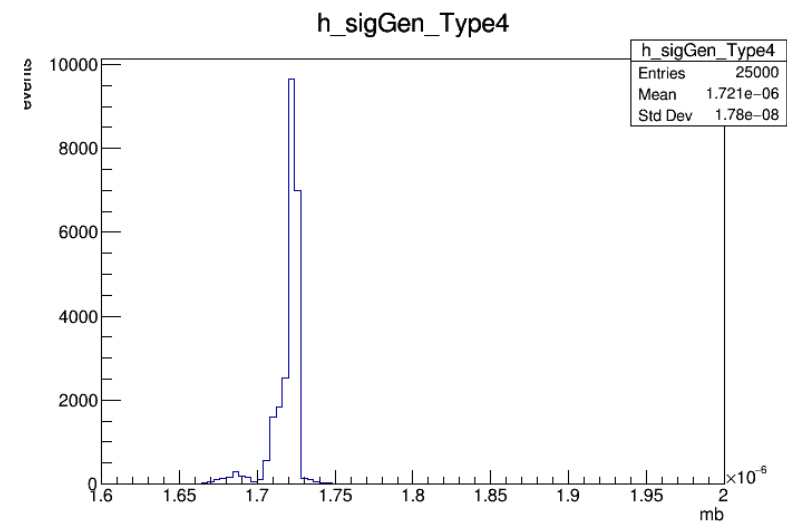
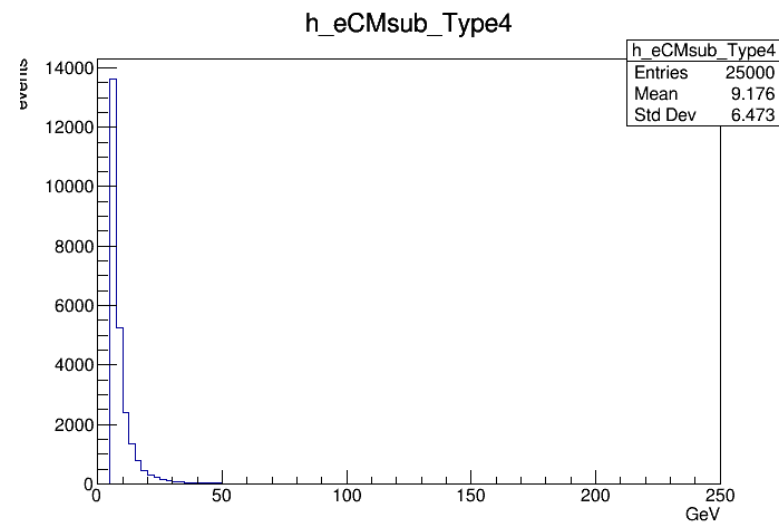




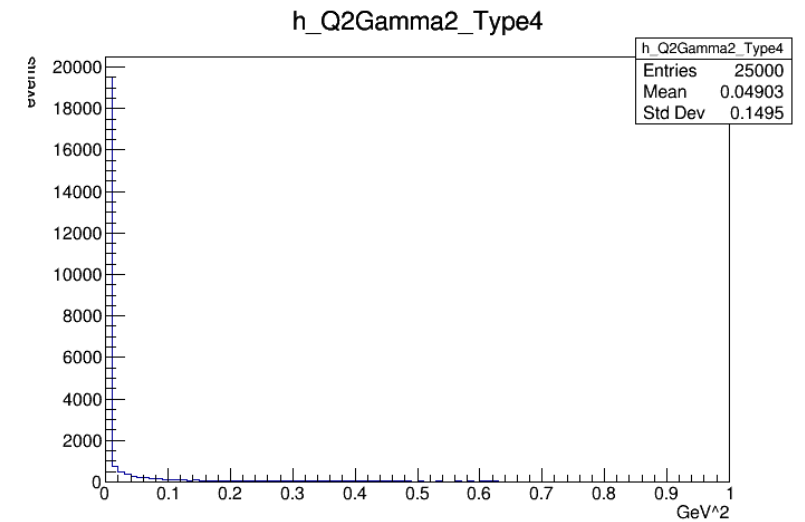
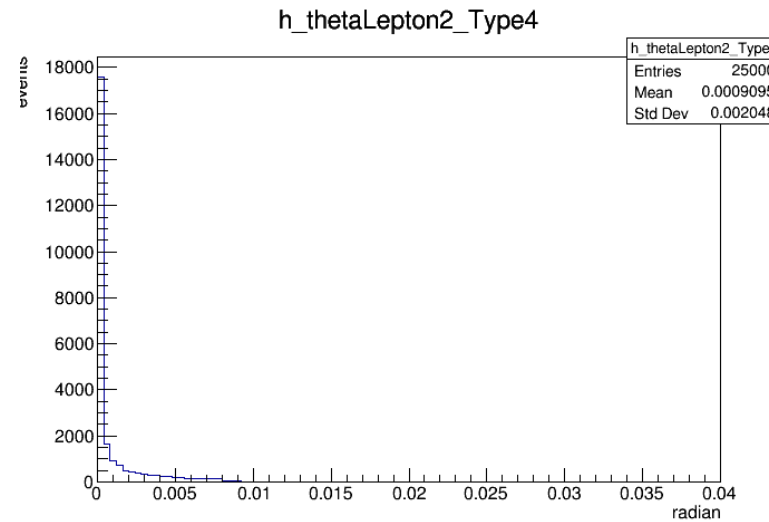
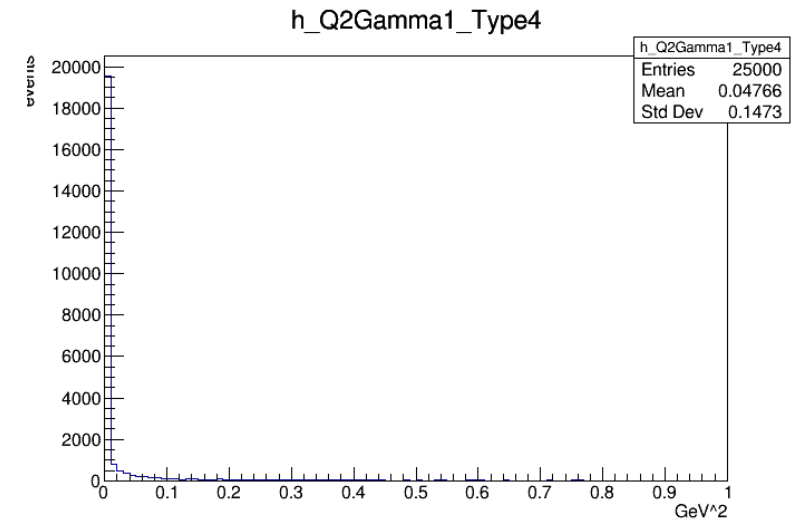
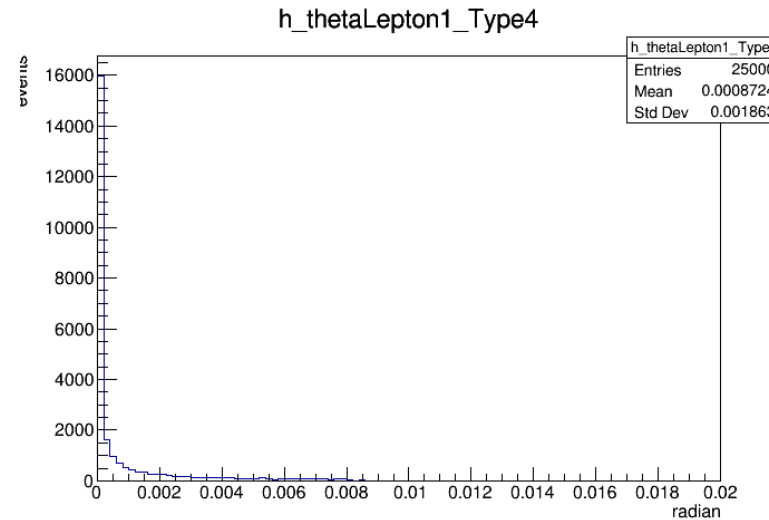
gamma-gamma_all_Wmin5_25k_PhotonType3

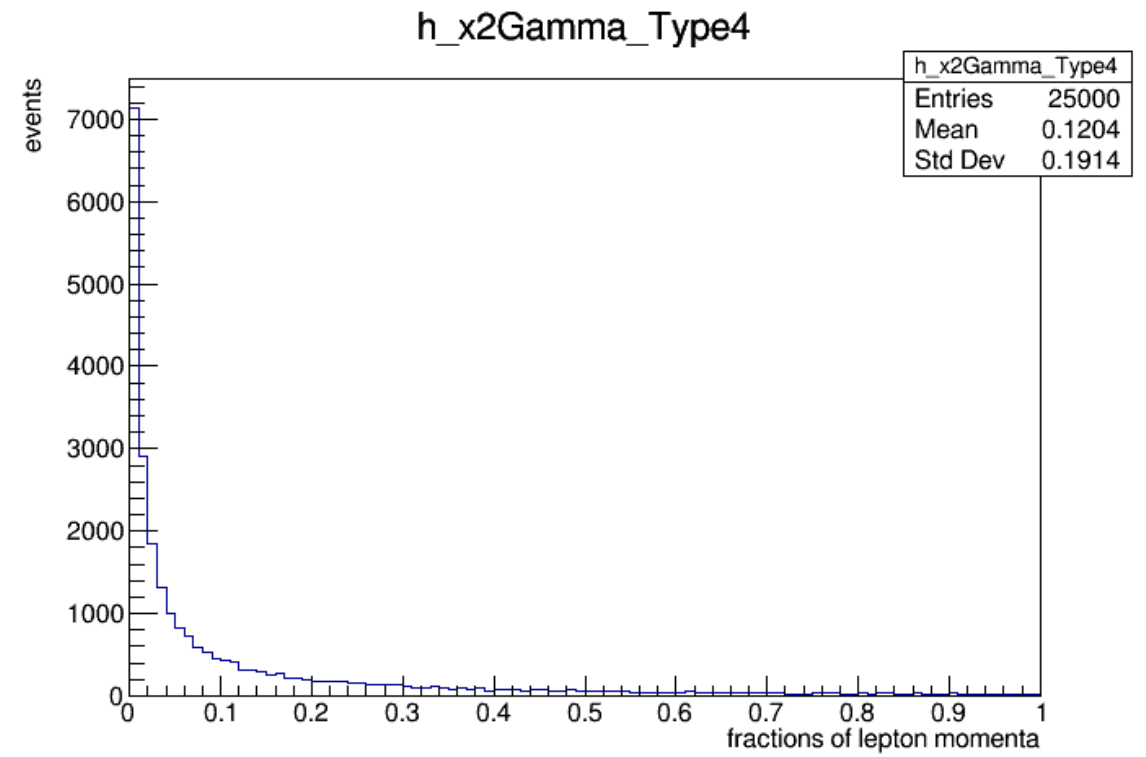
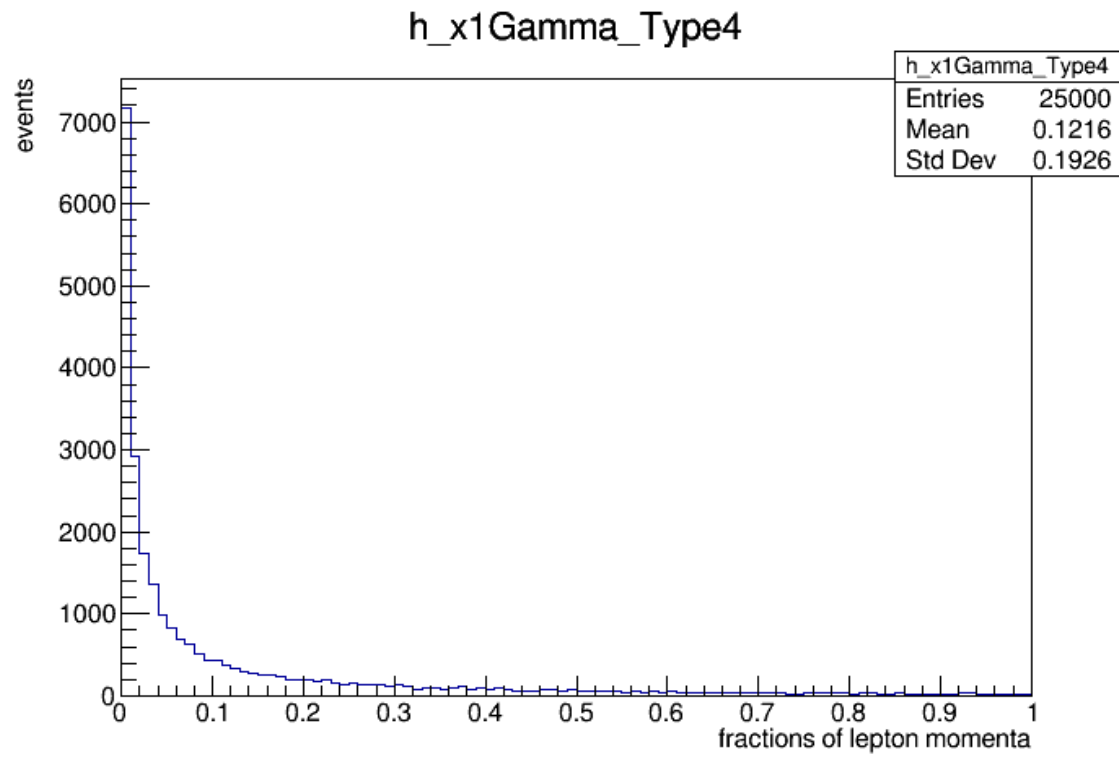
Photon type 4

gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype4



gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype4



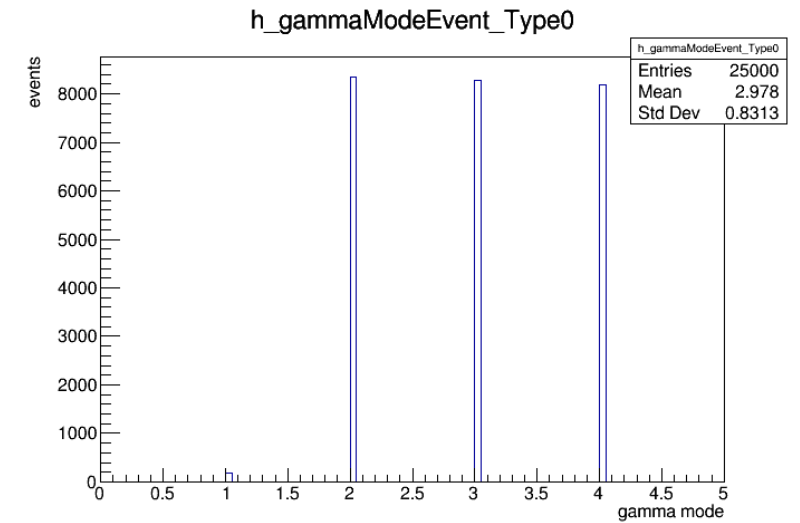
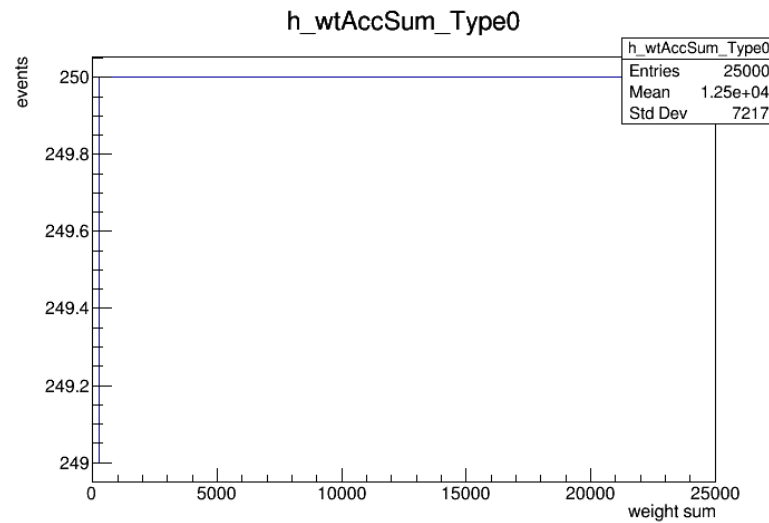
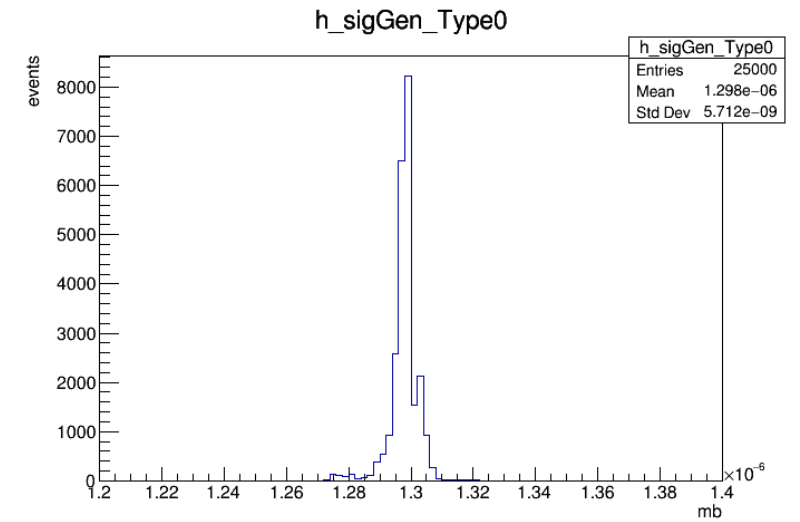
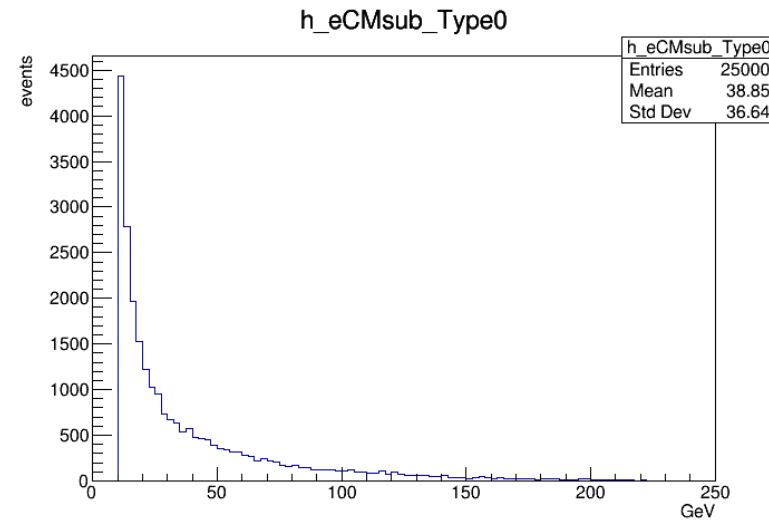


gamma-gamma_all_Wmin5_25k_PhotonType4

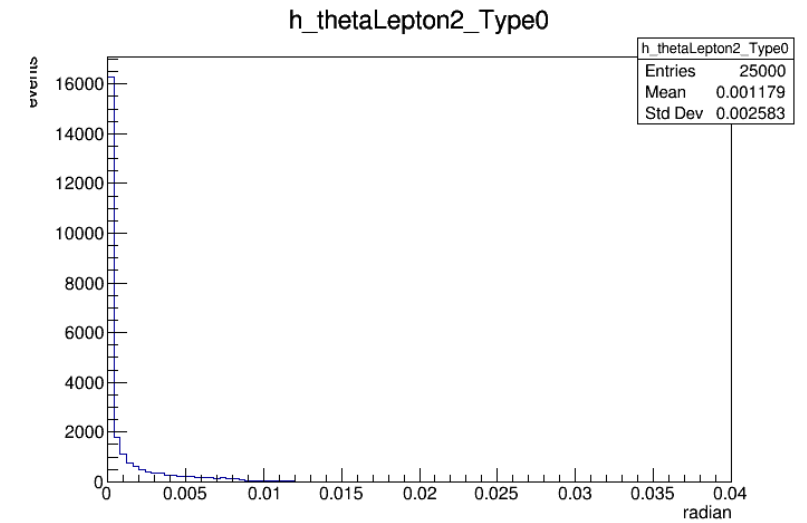
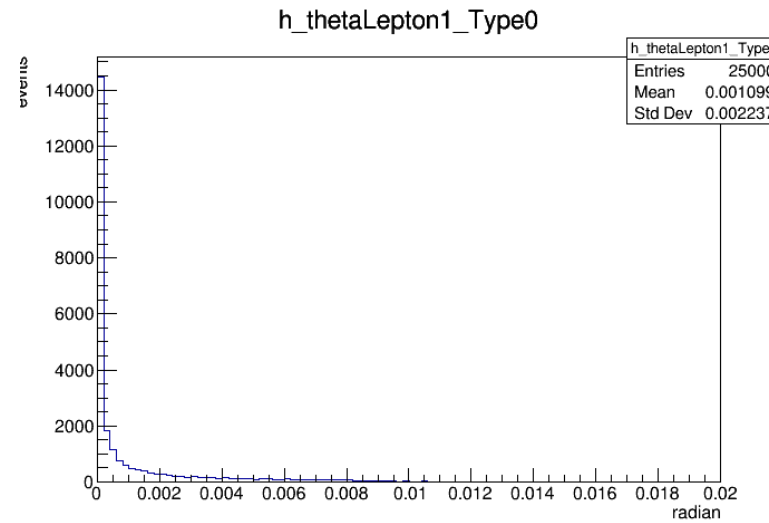
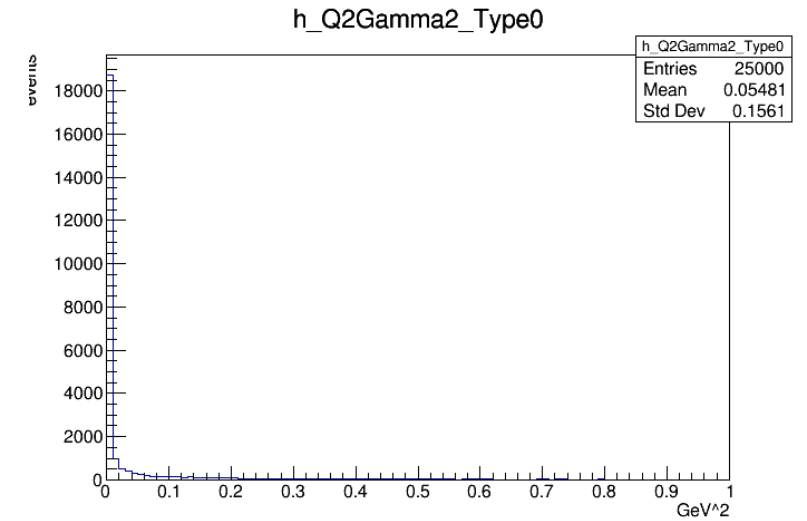
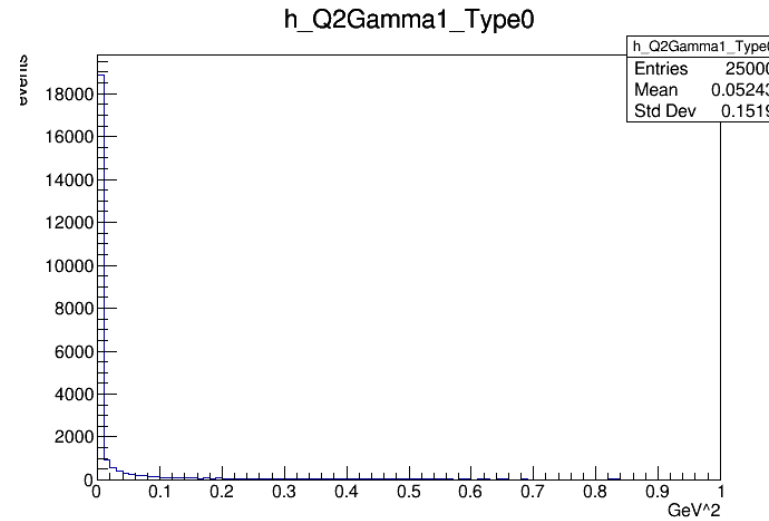
$W_{\min} 10$

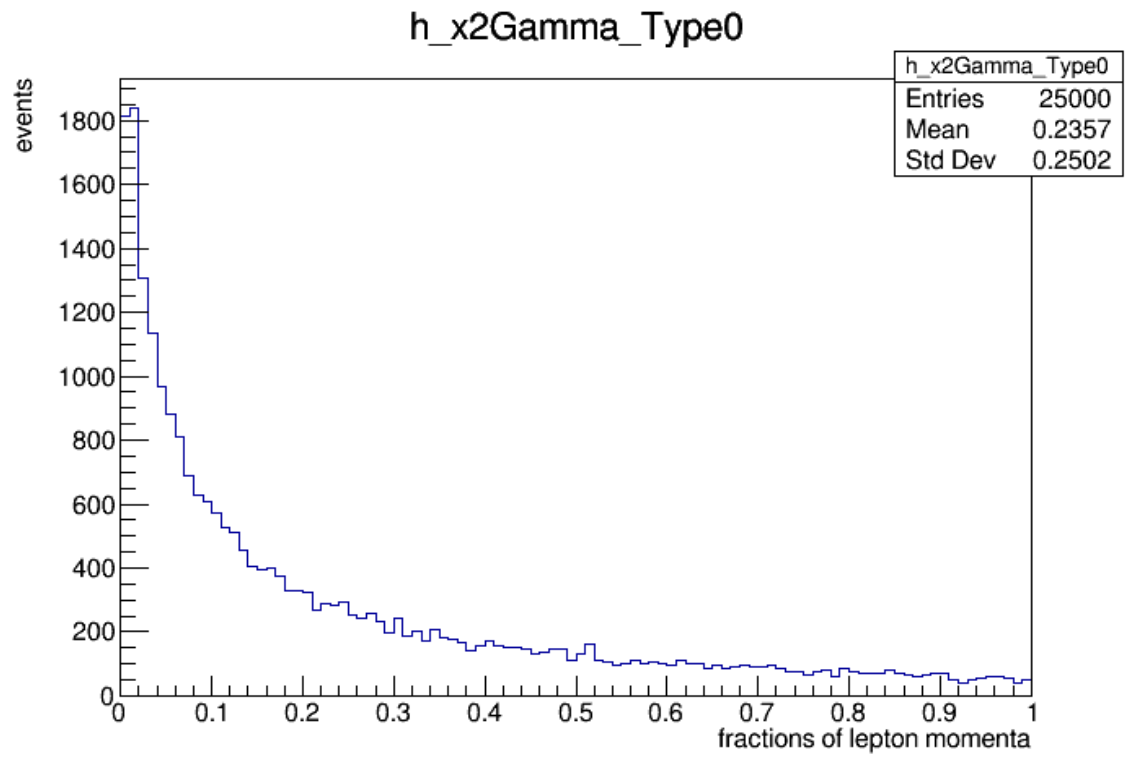
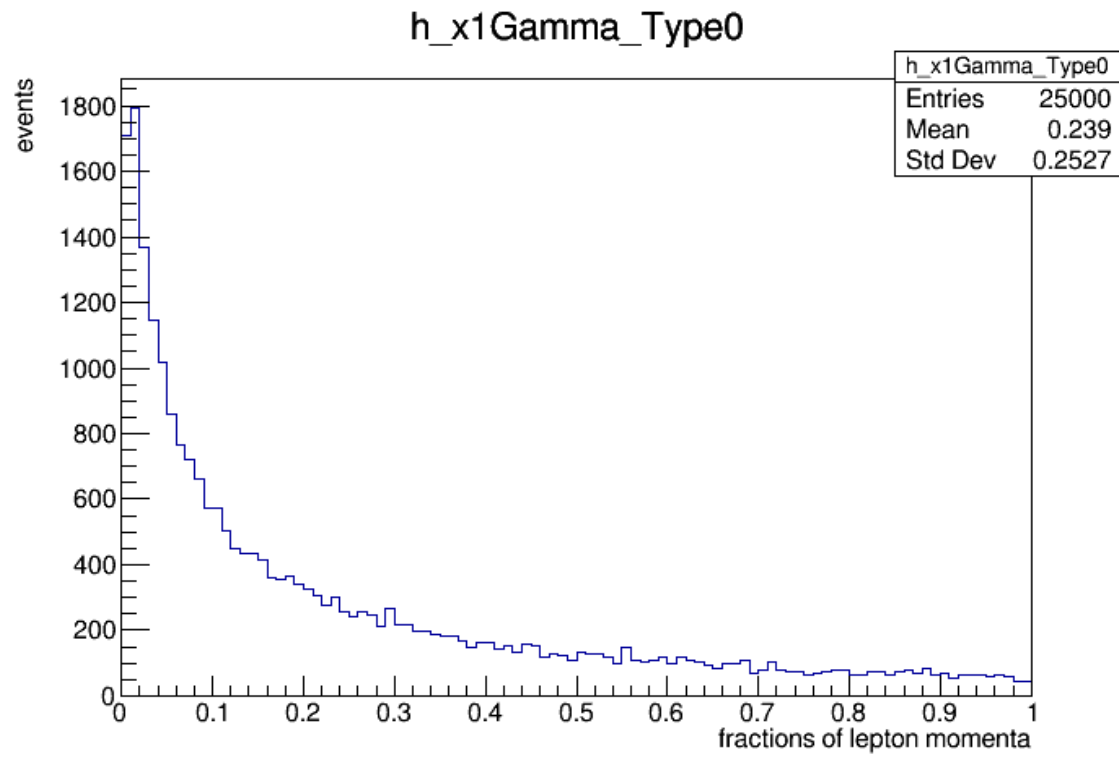
Photon type 0

gamma-
gamma_all
Wmin10
25k_Photon
Type0



gamma-
gamma_all
Wmin10
25k_Photon
Type0

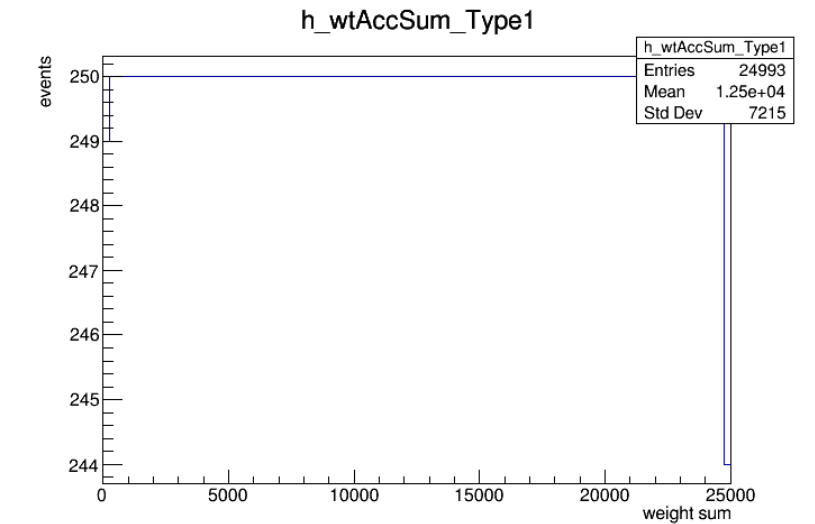
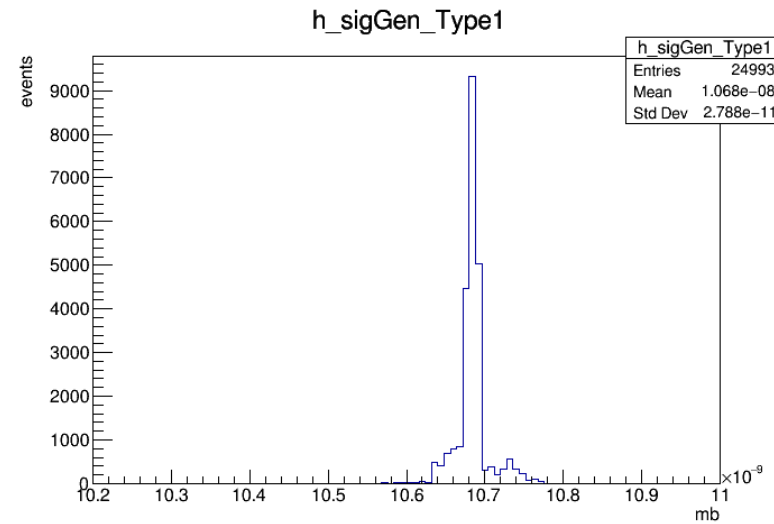
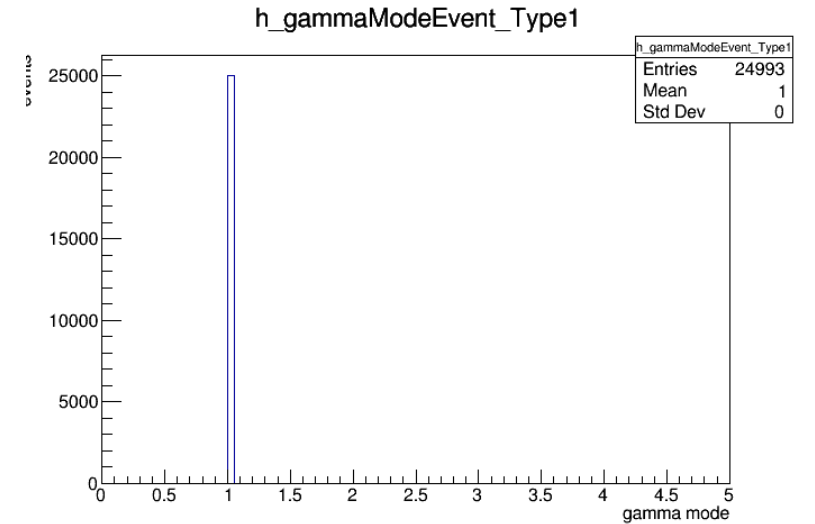
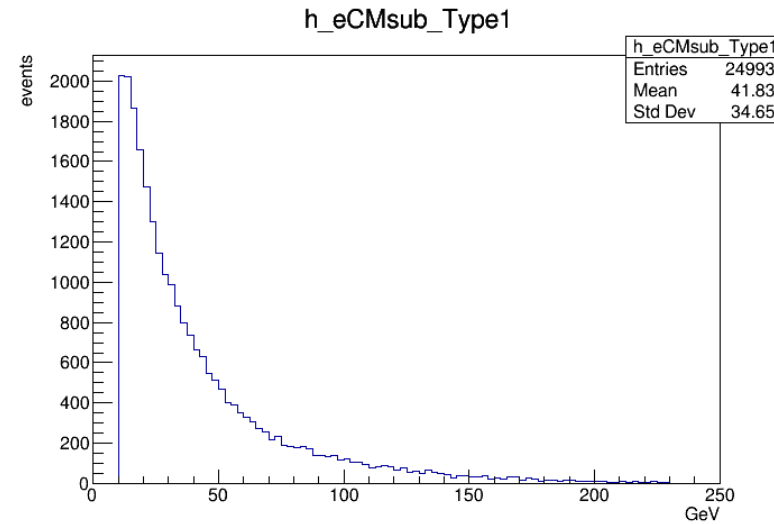




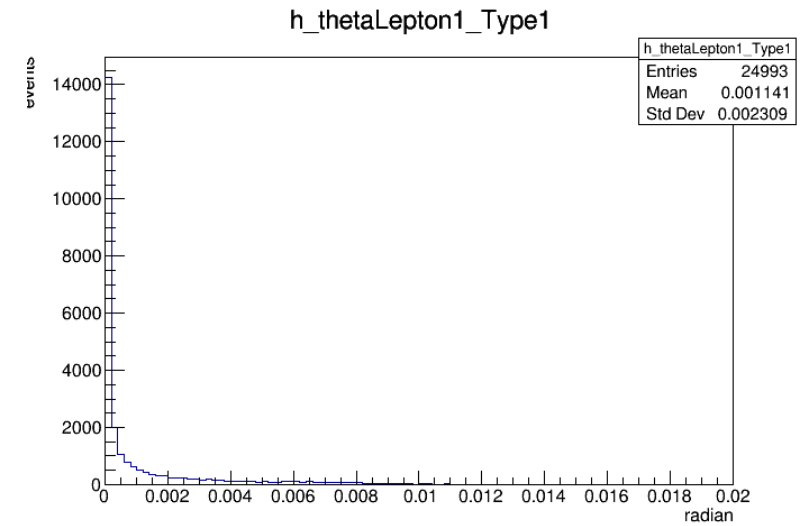
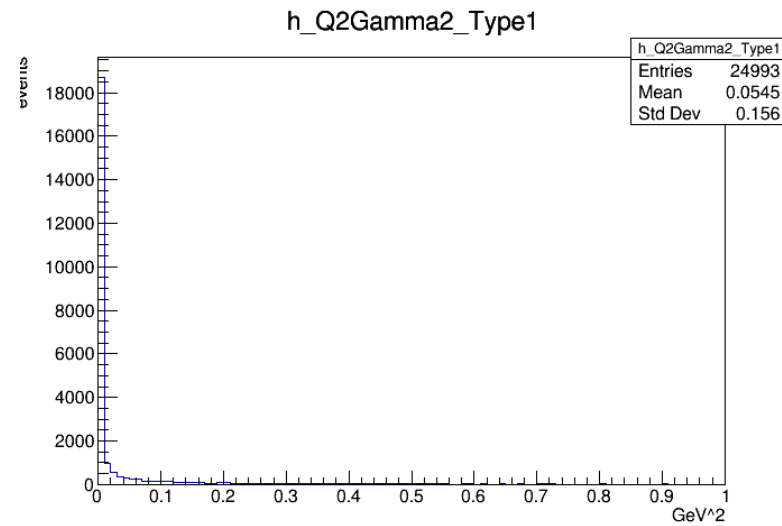
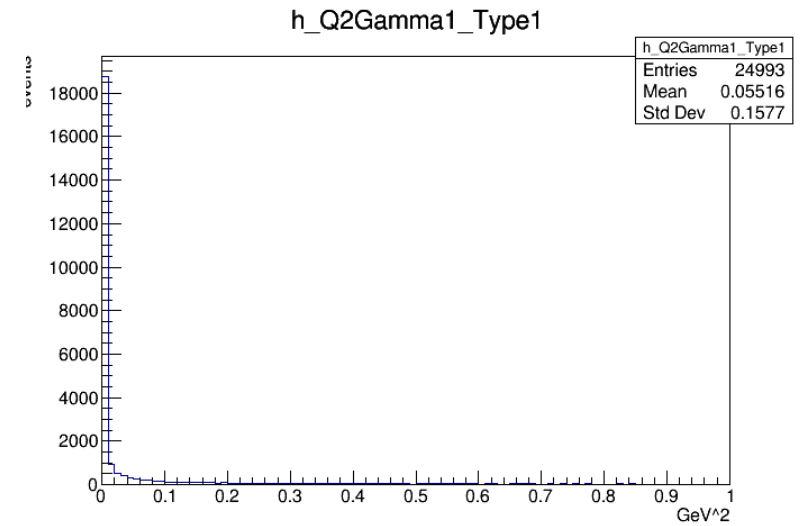
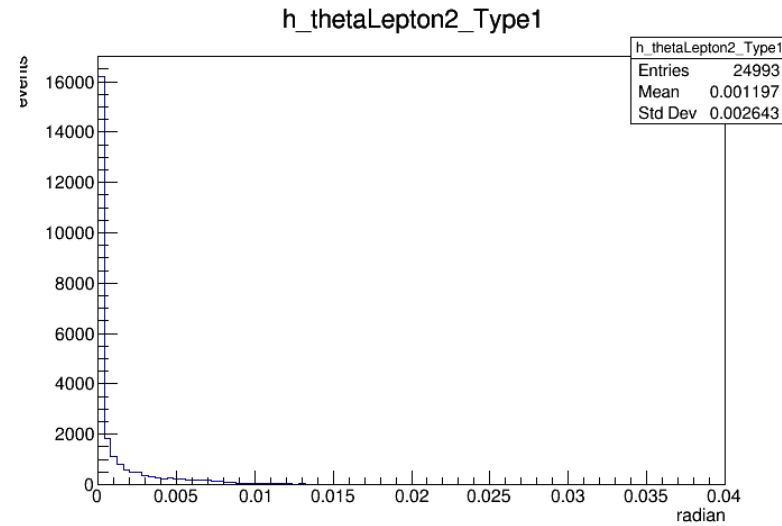
gamma-gamma_all_Wmin10_25k_PhotonType0

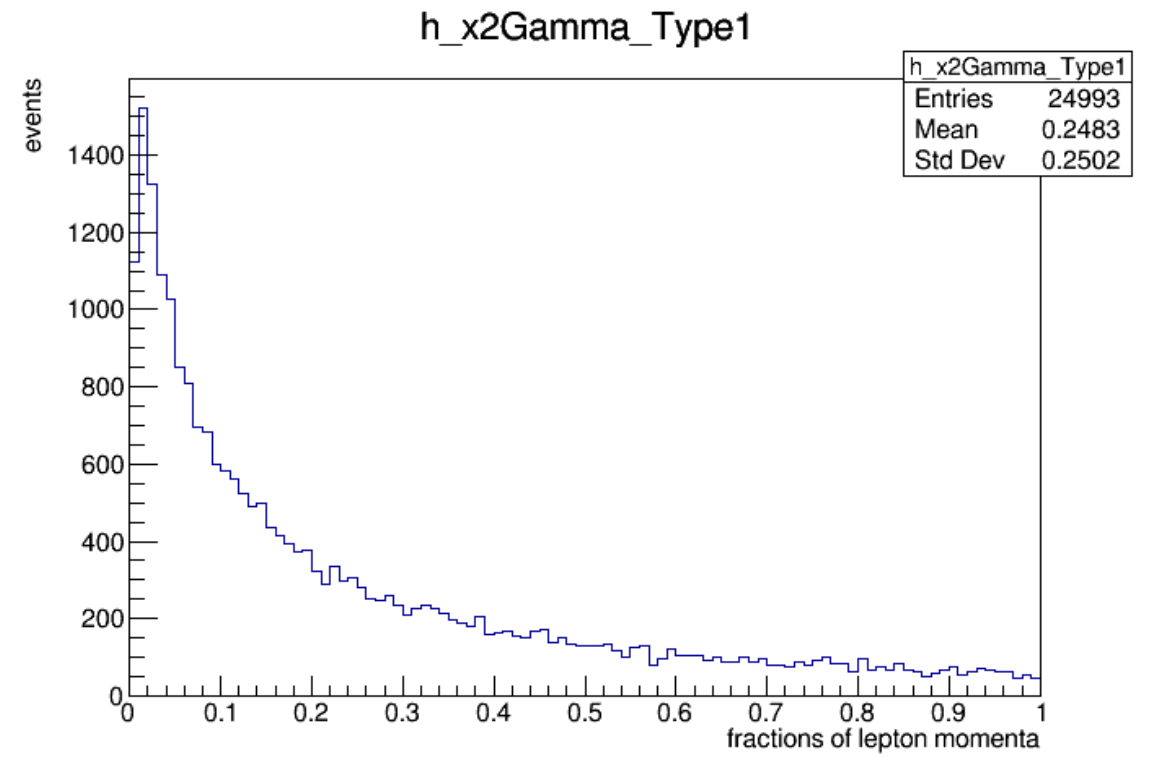
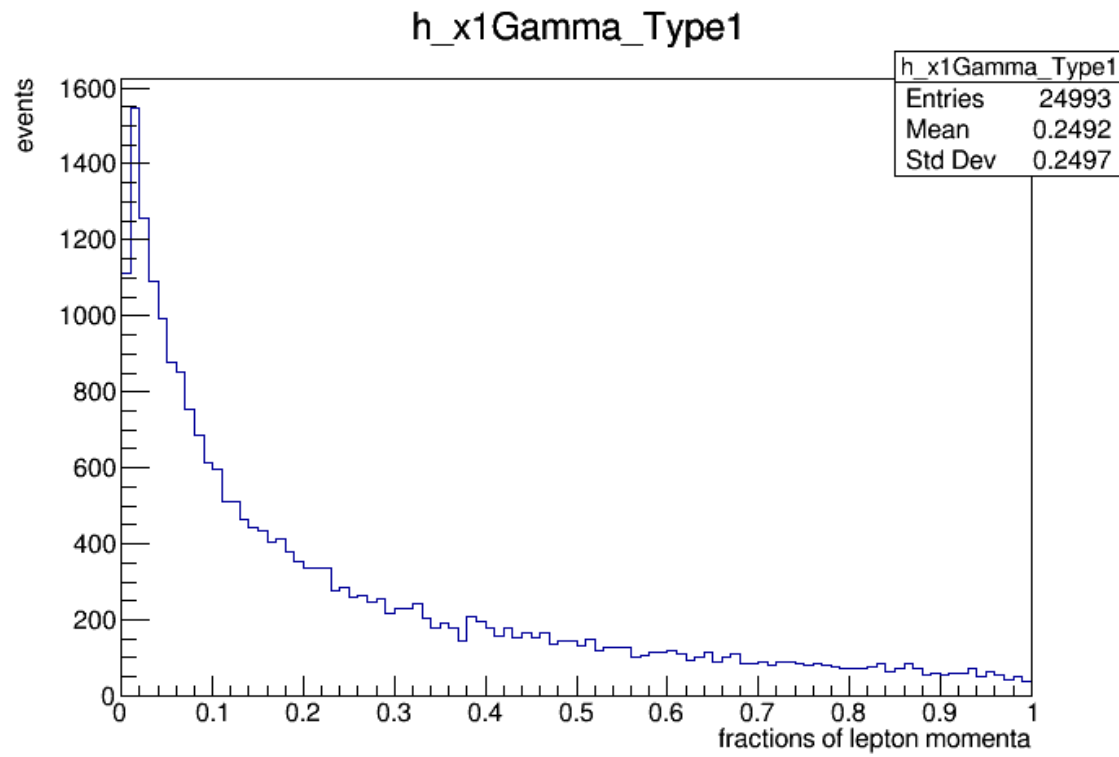
Photon type 1

gamma-
gamma_all
Wmin10
25k_Photon
Type1



gamma-
gamma_all
Wmin10
25k_Photon
Type1

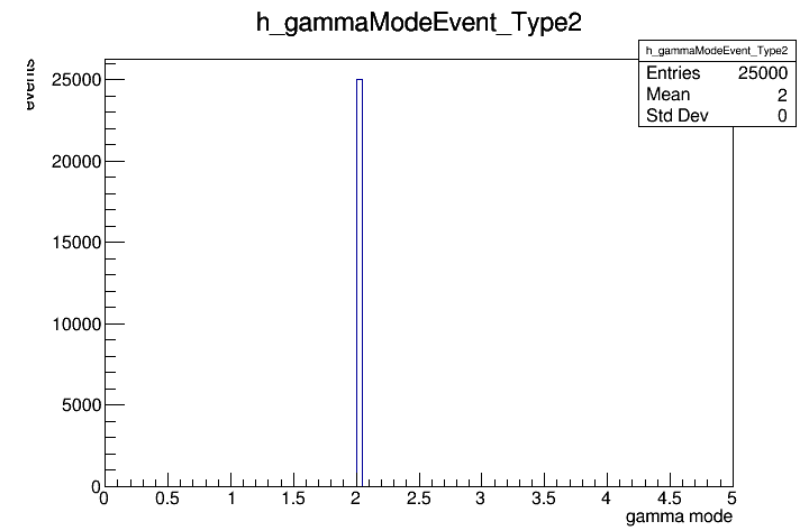
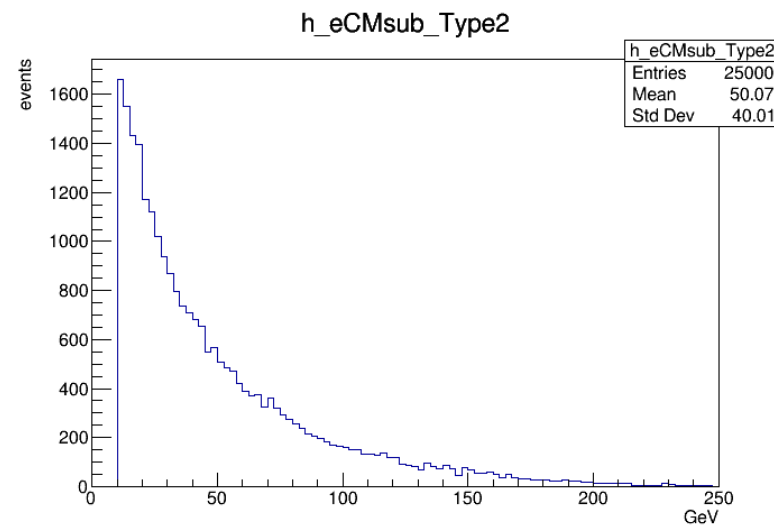
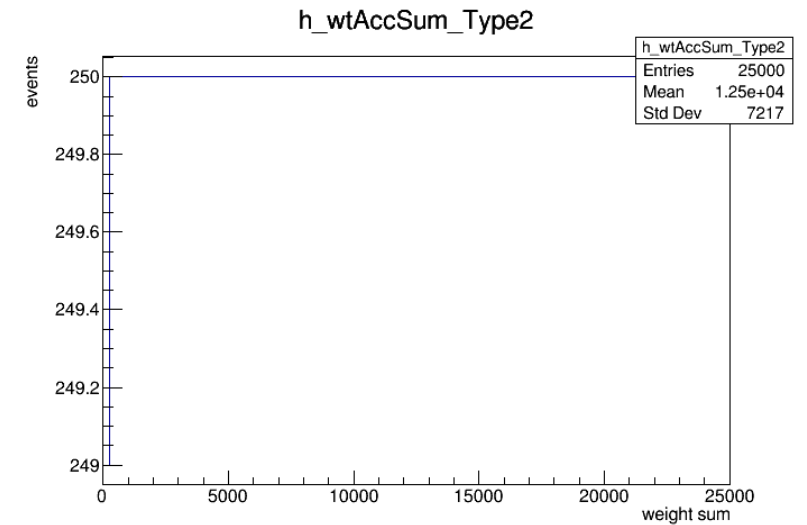
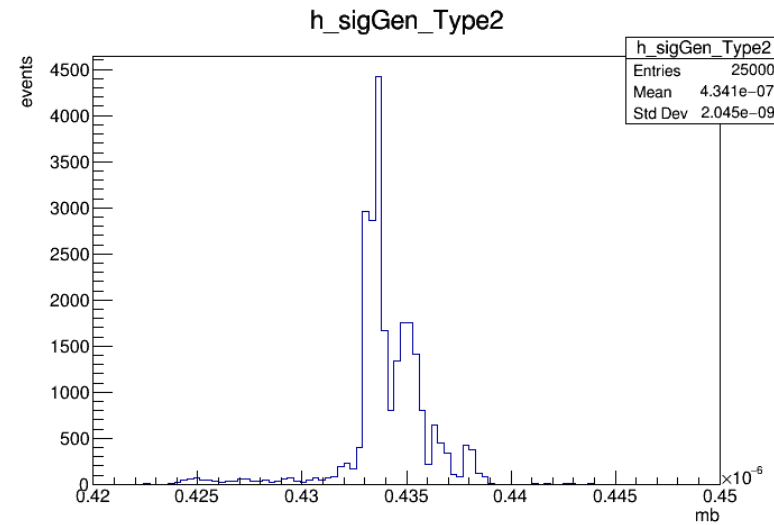




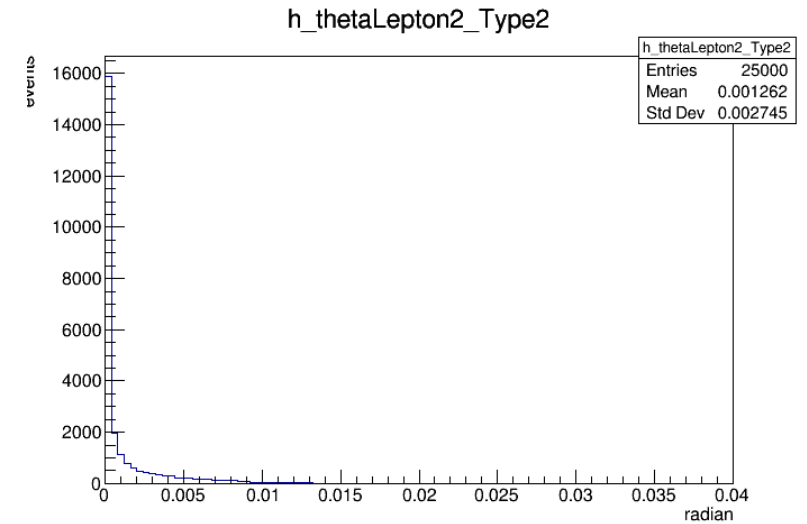
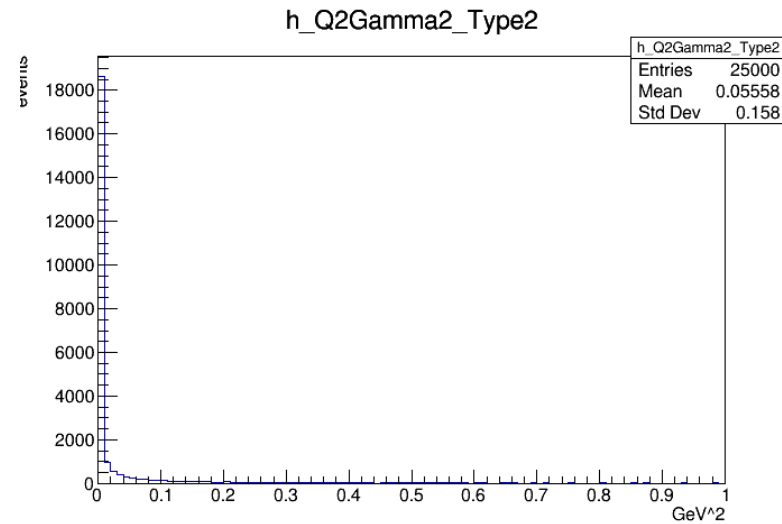
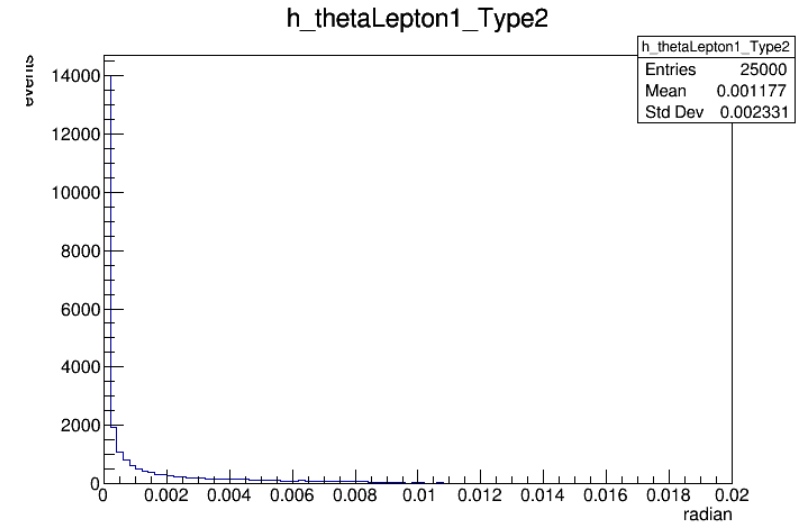
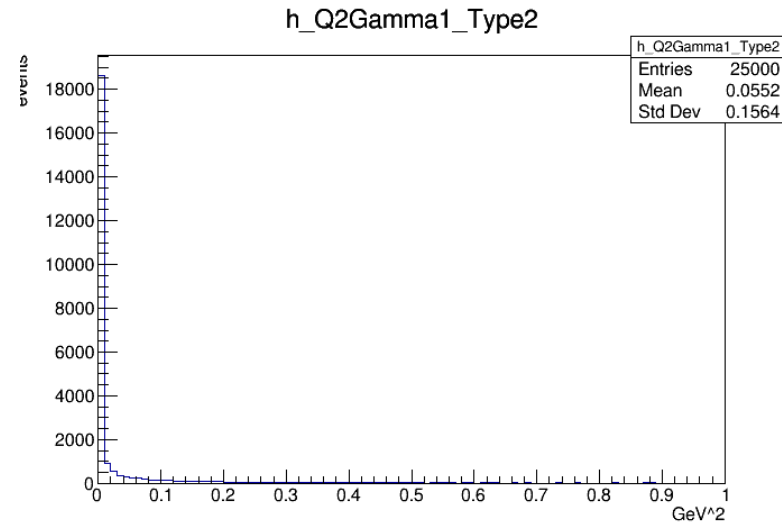
gamma-gamma_all_Wmin10_25k_PhotonType1

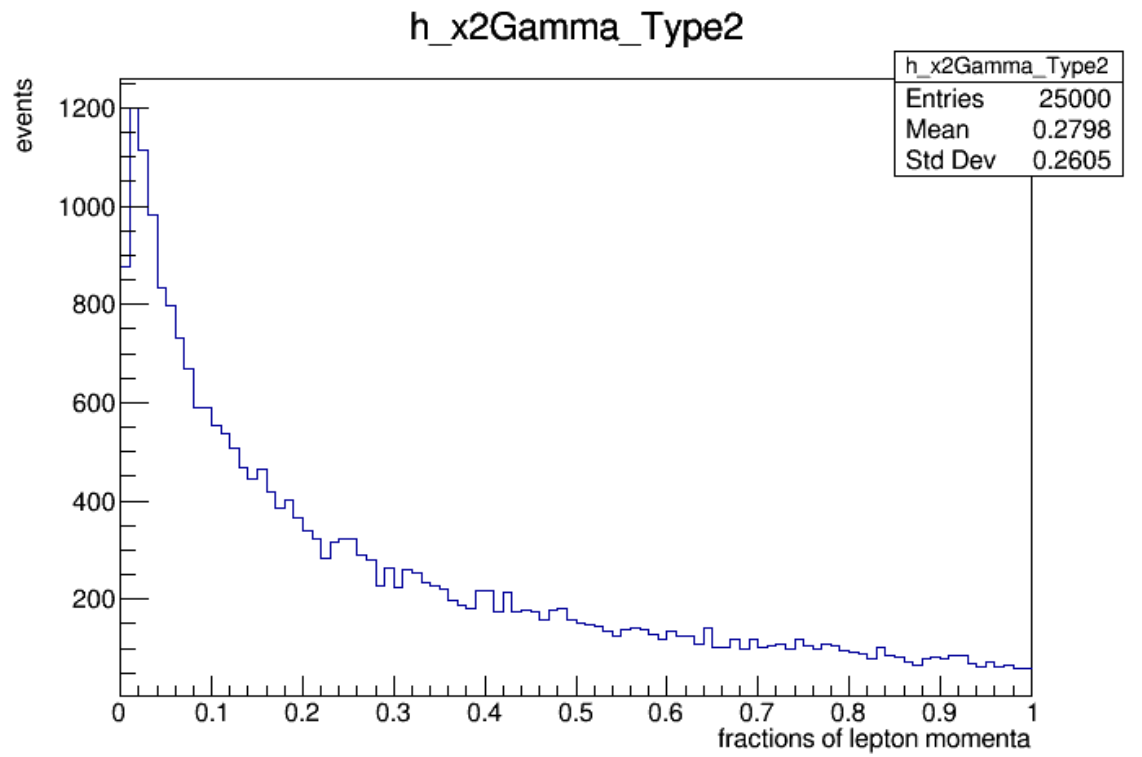
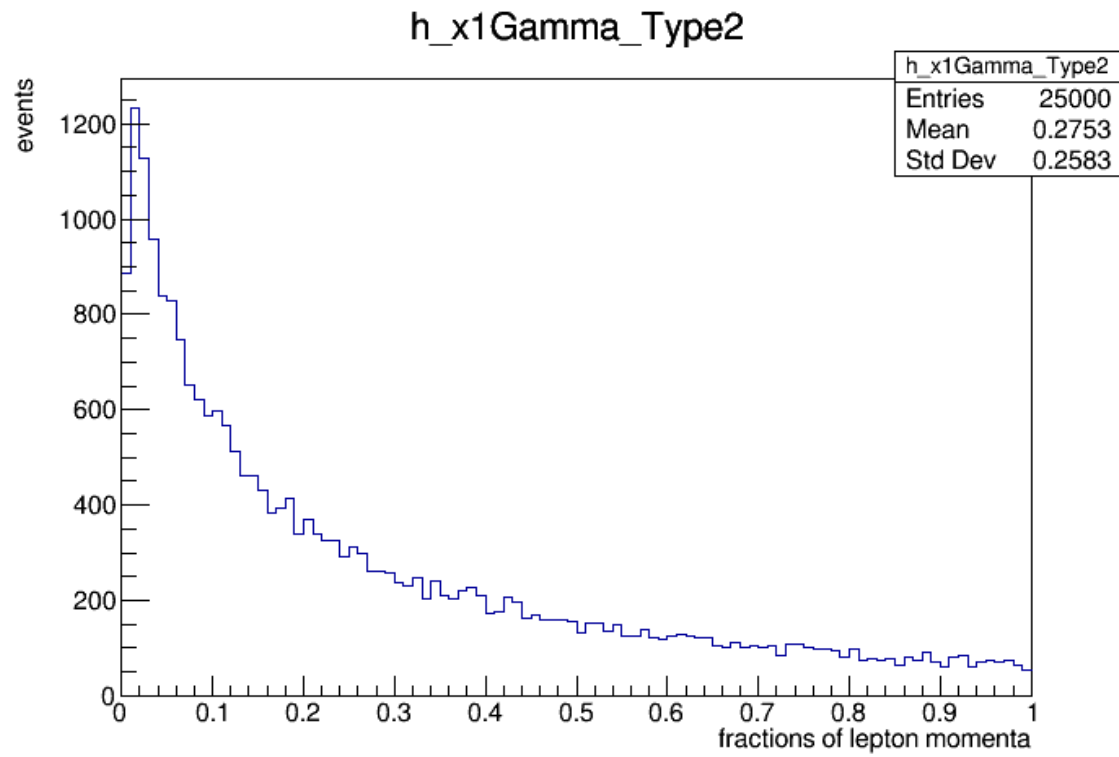
Photon type 2

gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype2



gamma-
gamma_all
Wmin10
25k_Photon
Type2

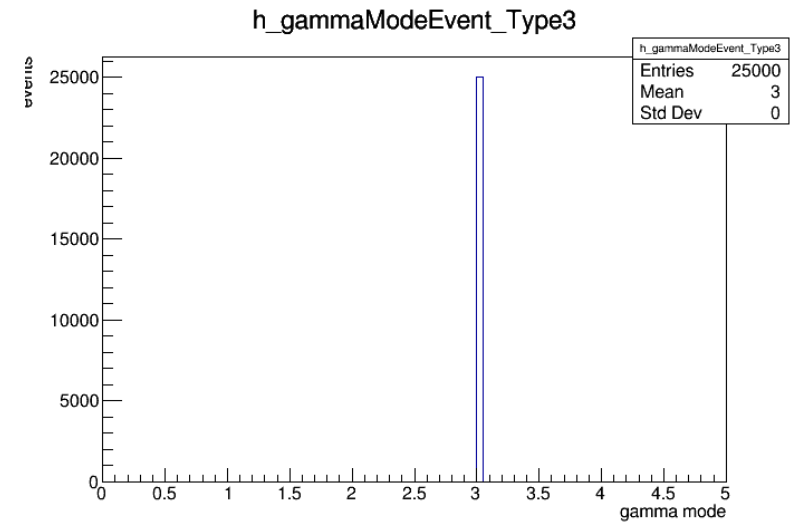
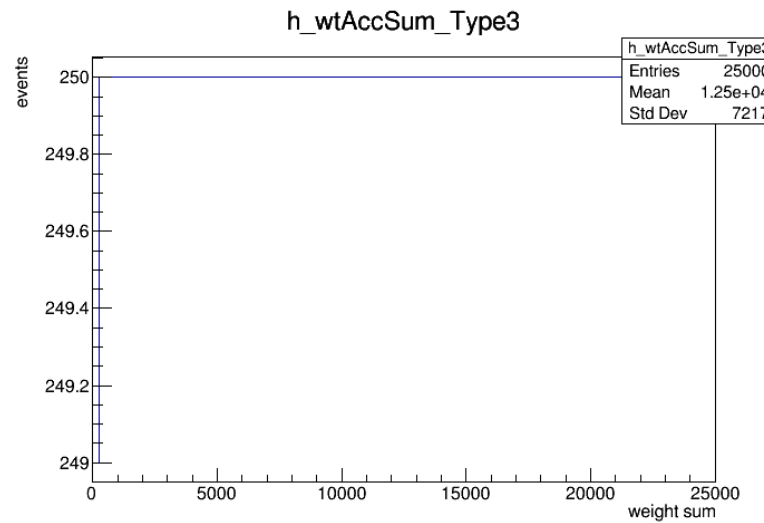
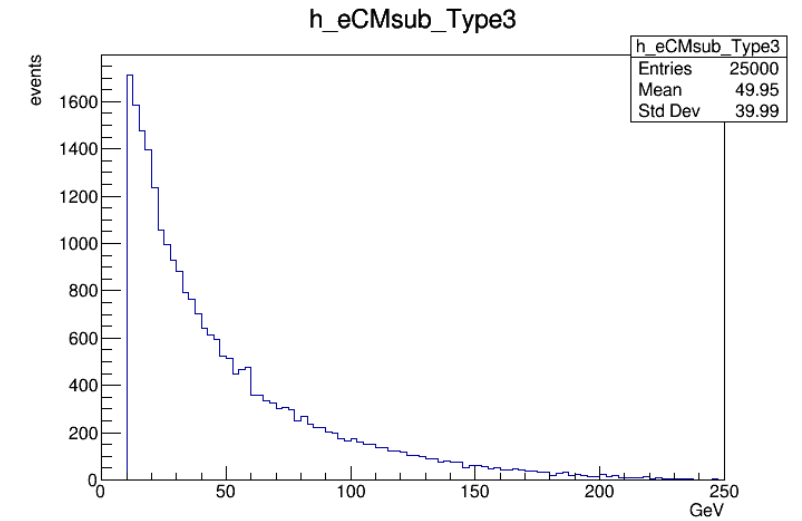
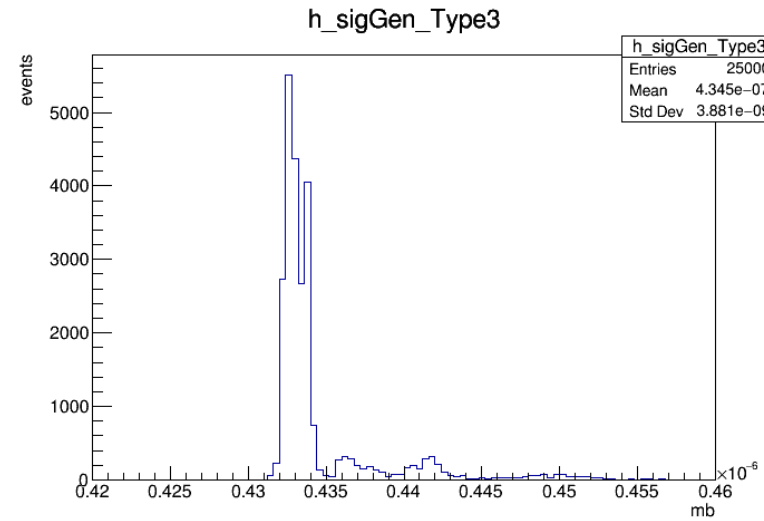




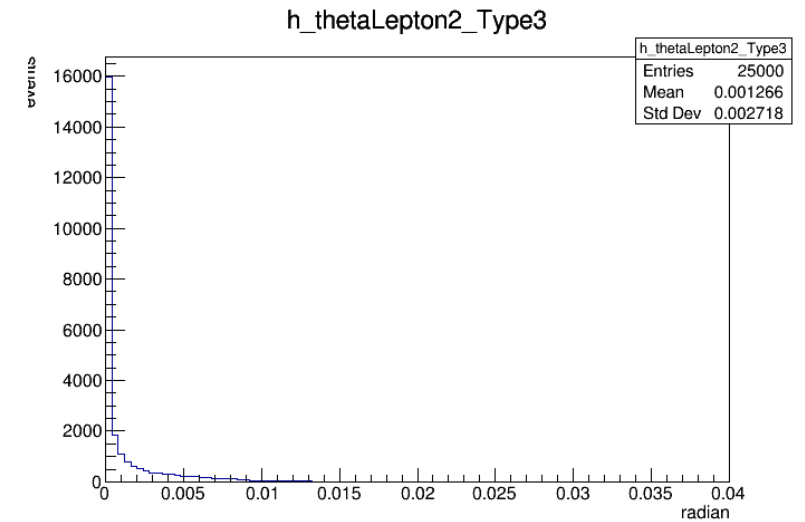
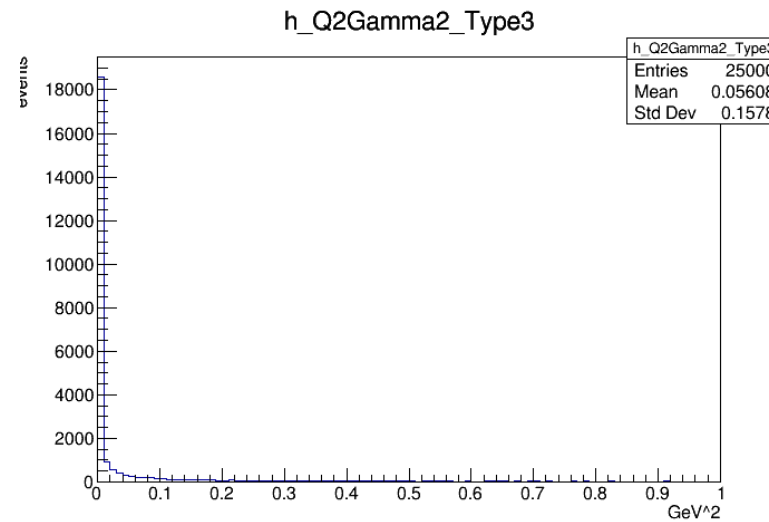
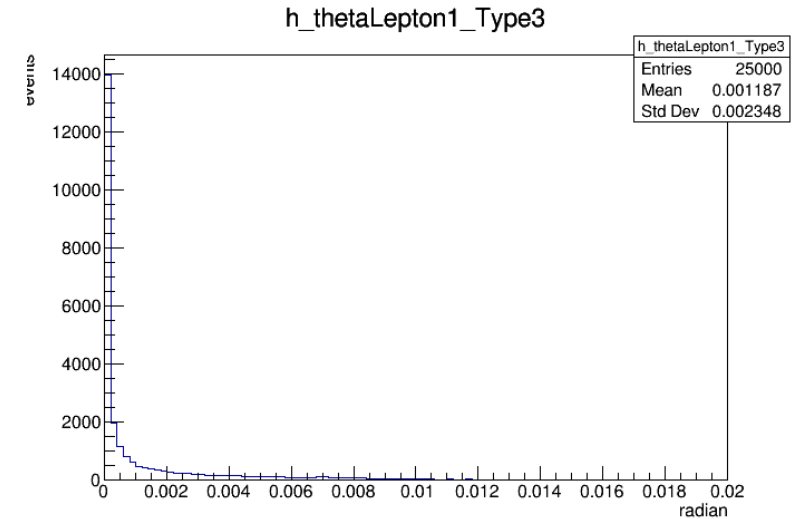
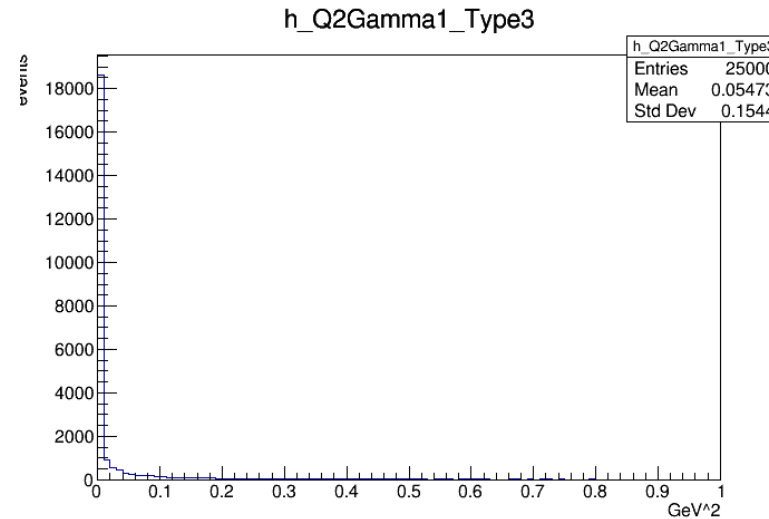
gamma-gamma_all_Wmin10_25k_PhotonType2

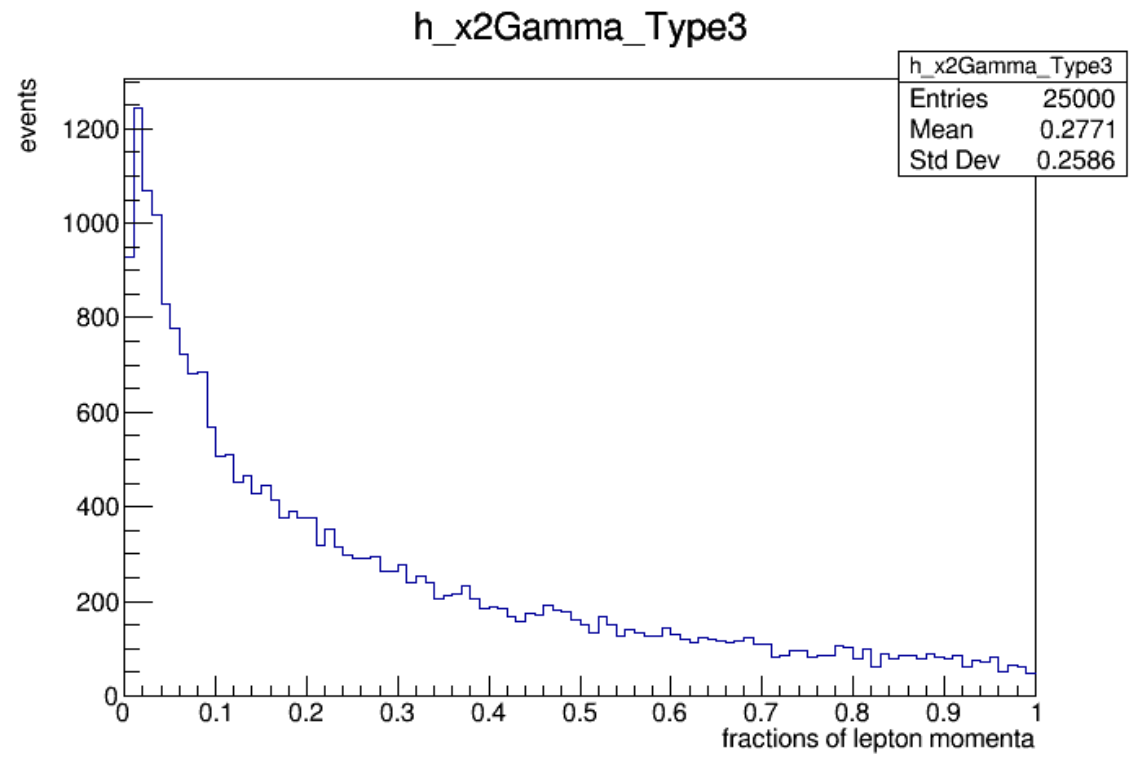
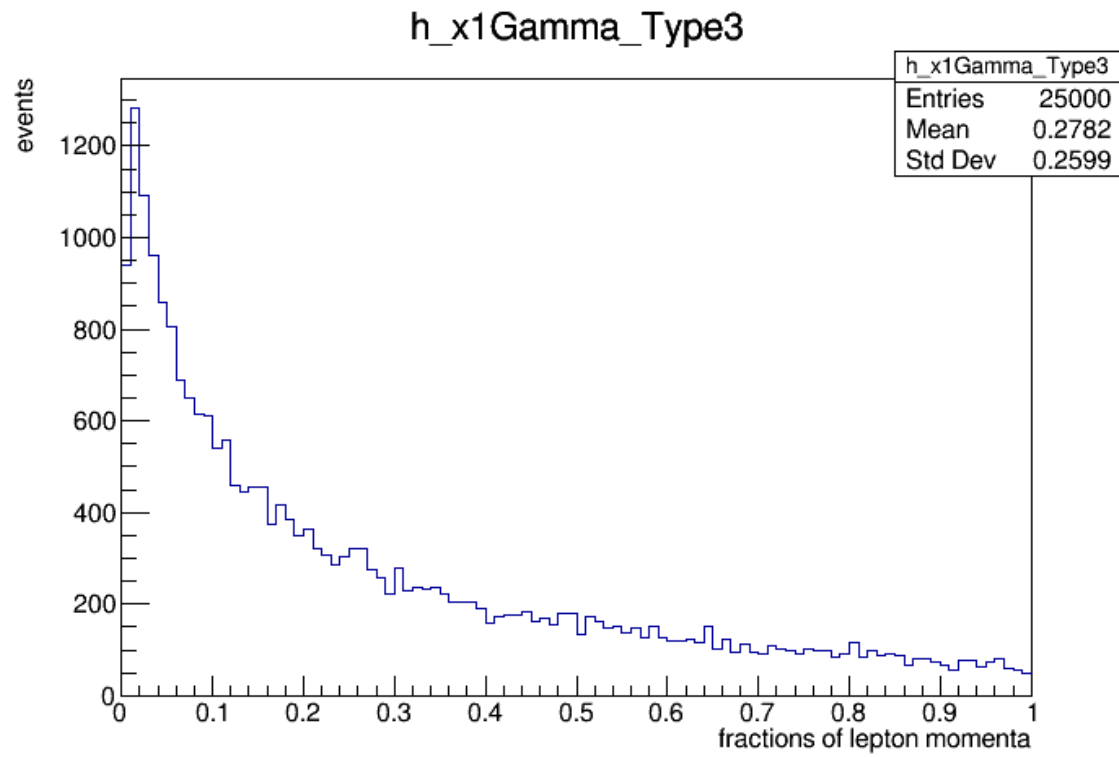
Photon type 3

gamma-
gamma_all
Wmin10
25k_Photon
Type3



gamma-
gamma_all
Wmin10
25k_Photon
Type3

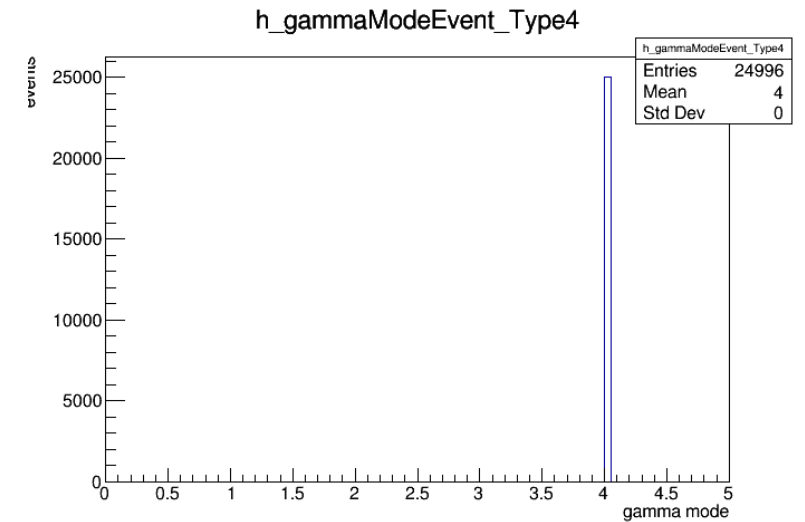
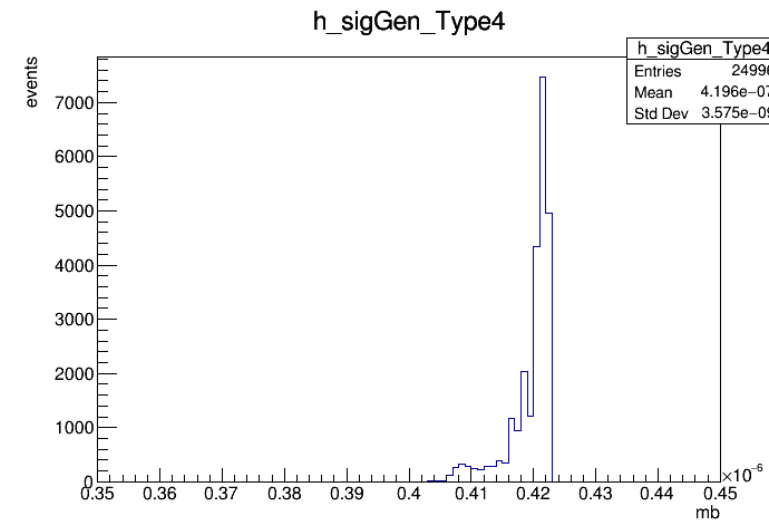
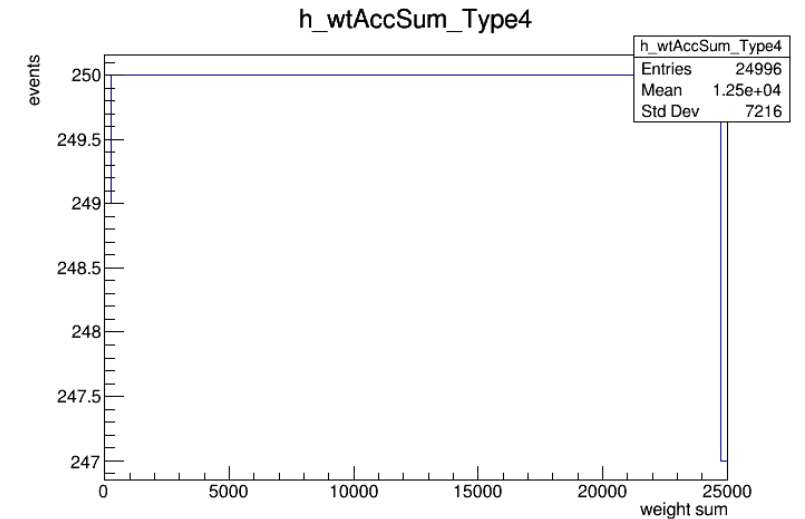
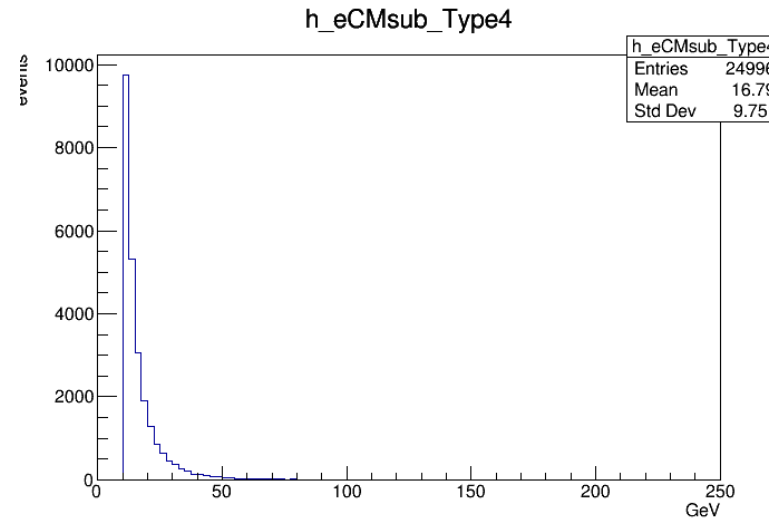




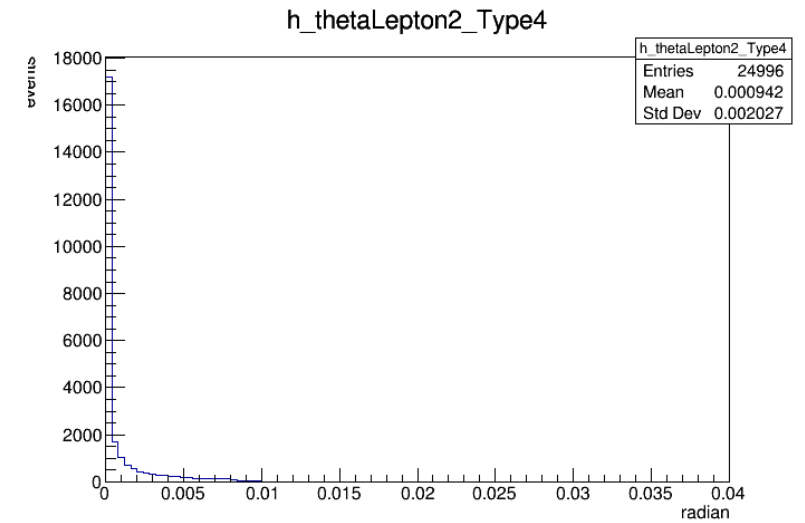
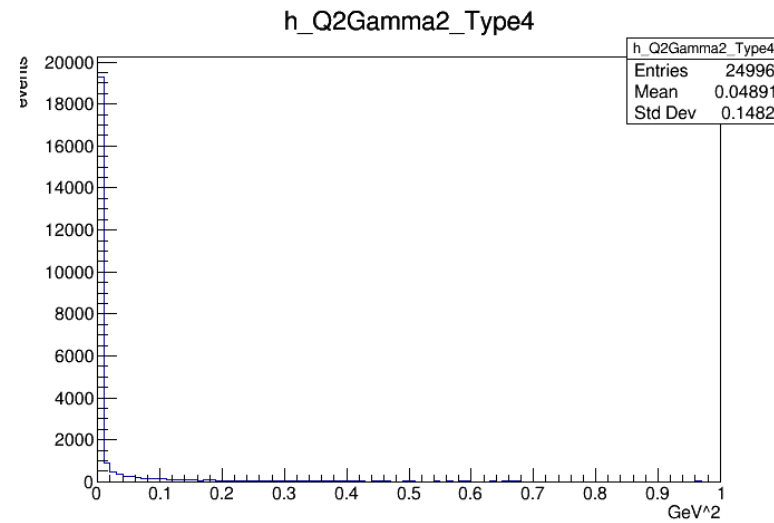
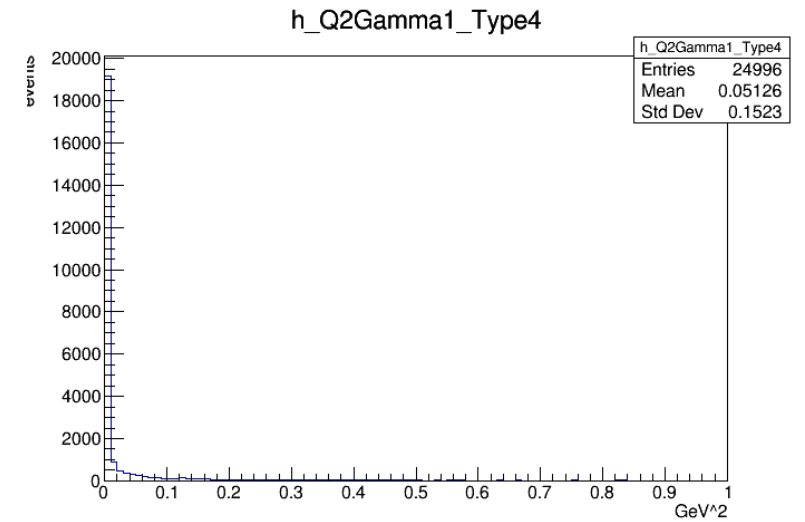
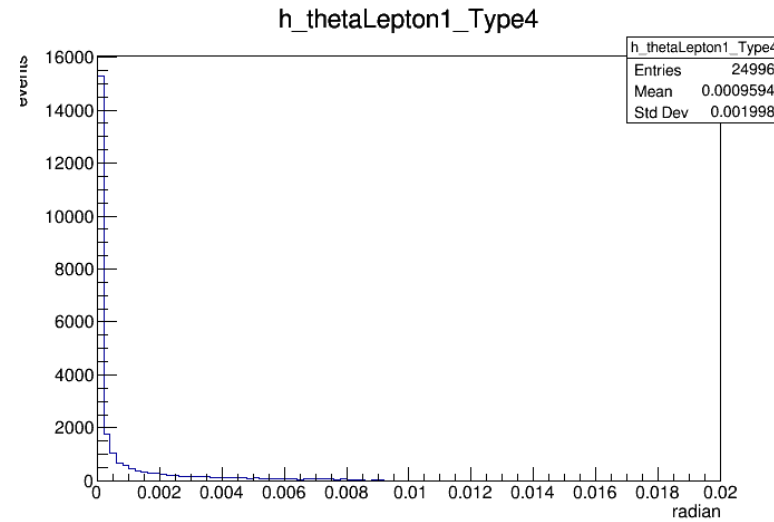
gamma-gamma_all_Wmin5_25k_PhotonType3

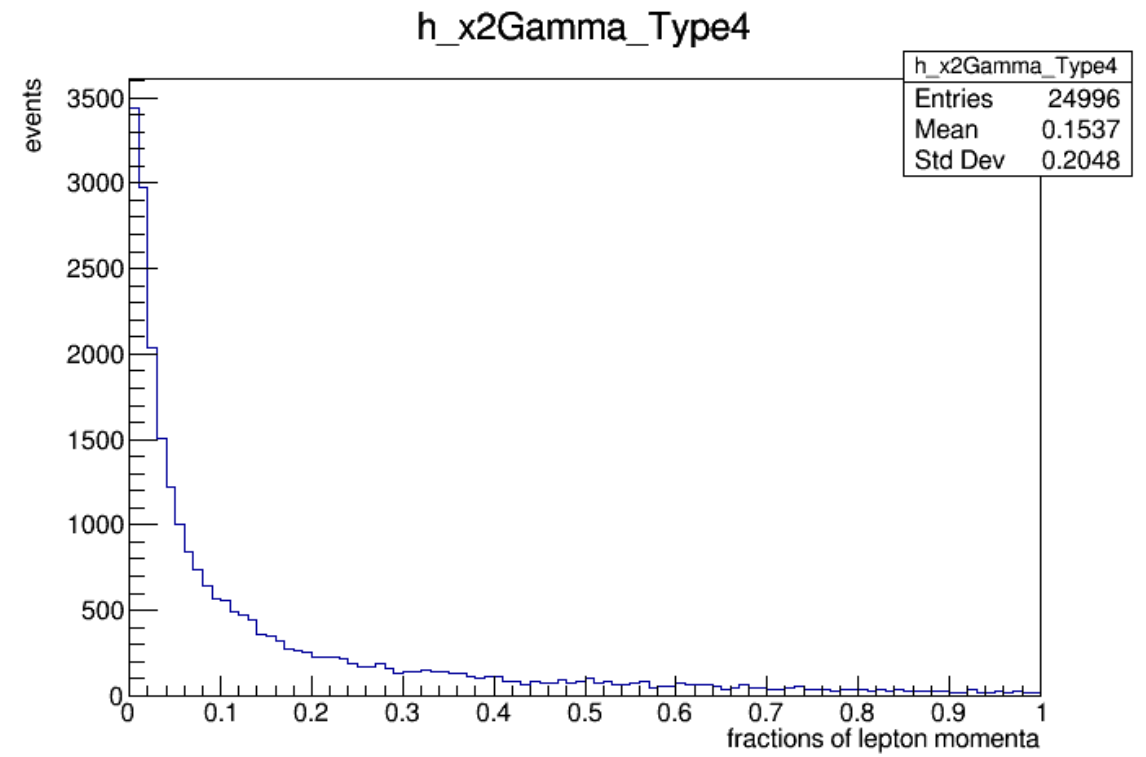
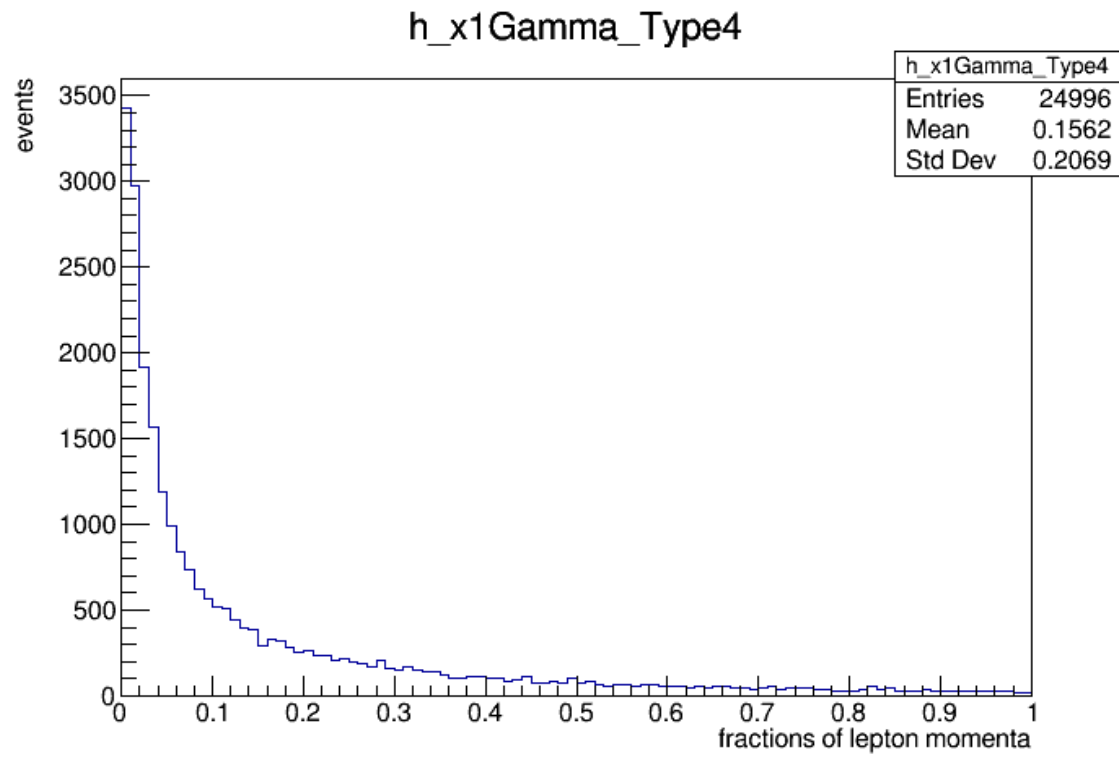
Photon type 4

gamma-
gamma_all
Wmin10
25k_Photon
Type4



gamma-
gamma_all
Wmin10
25k_Photon
Type4





gamma-gamma_all_Wmin10_25k_PhotonType4

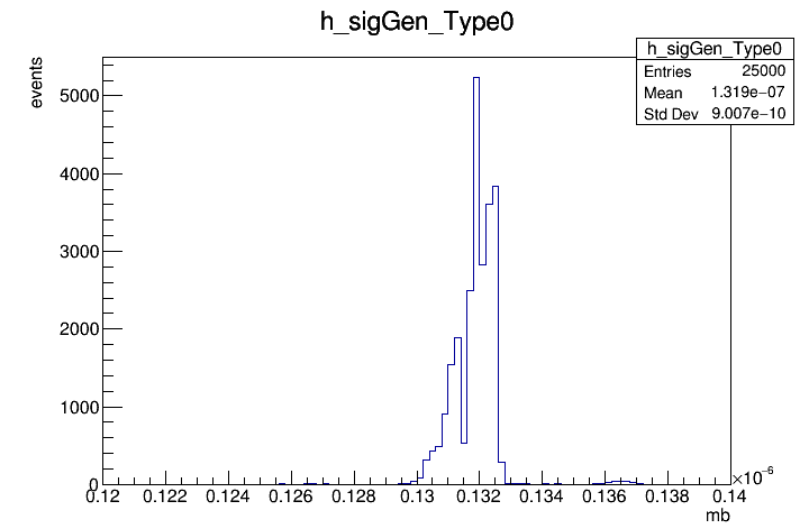
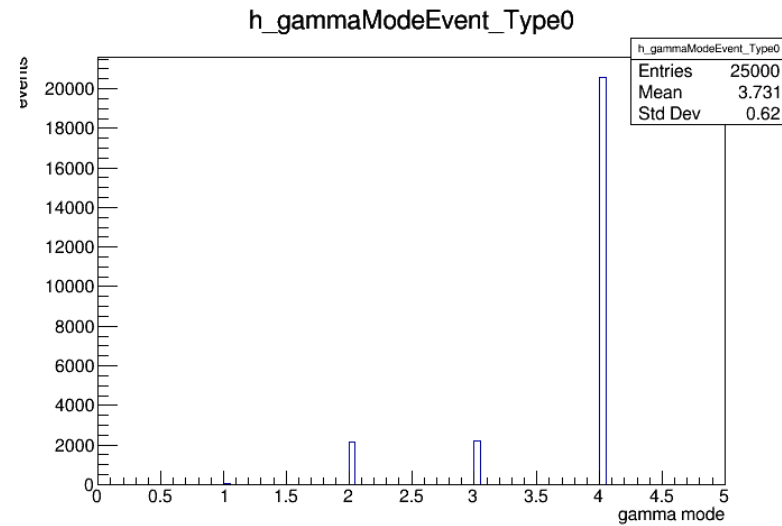
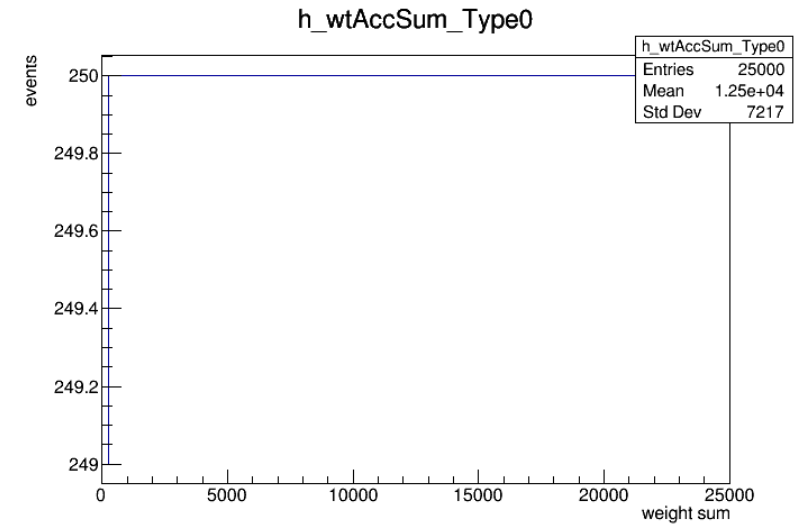
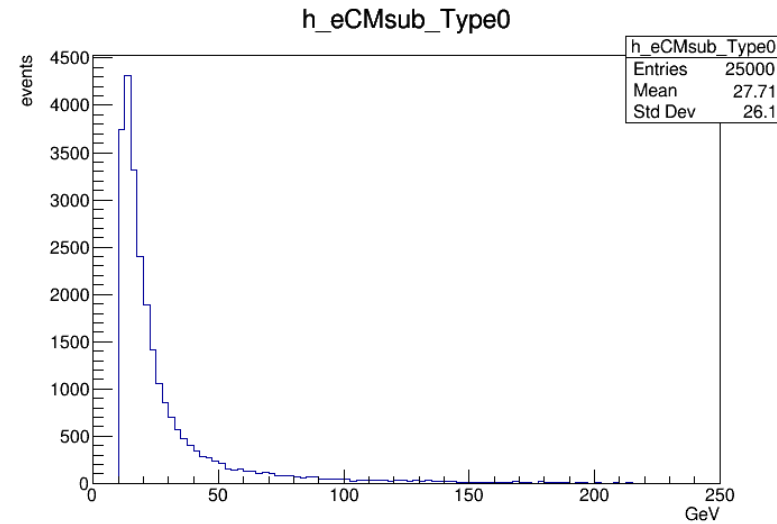
pTHatMin 5

parm **PhaseSpace:pTHatMin** (default = **0.**; minimum = 0.)

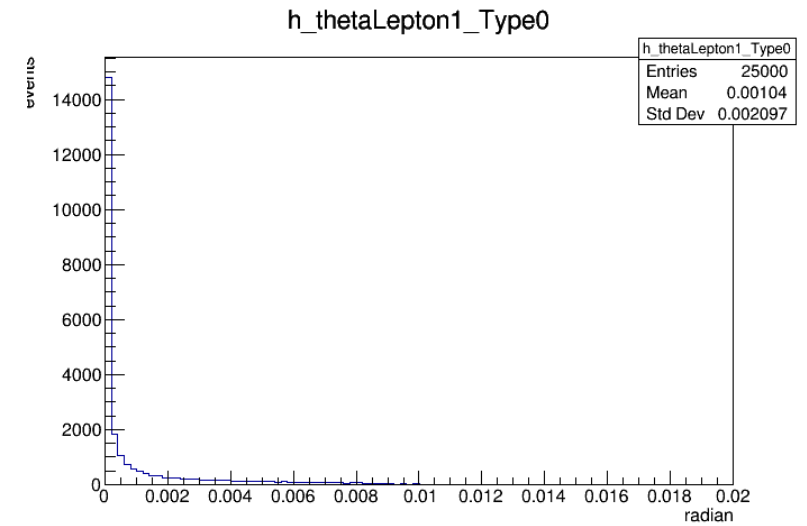
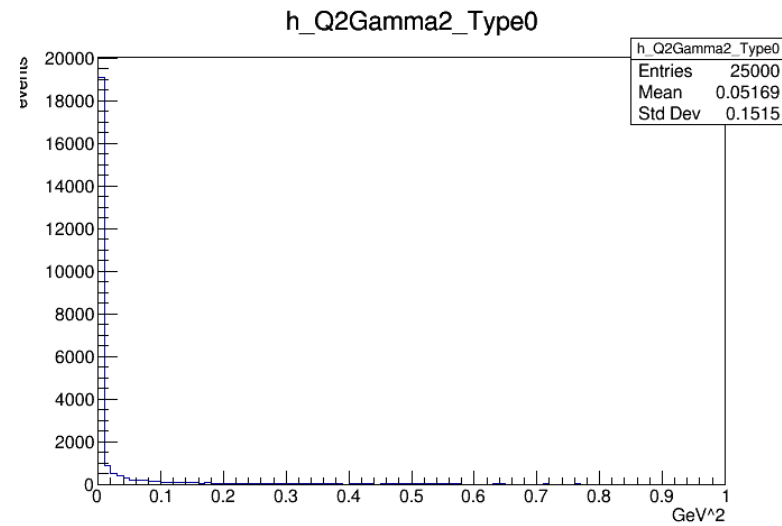
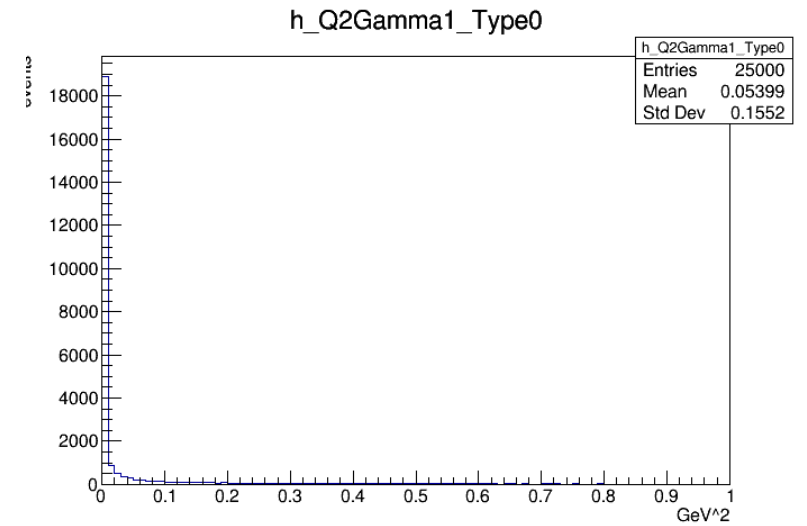
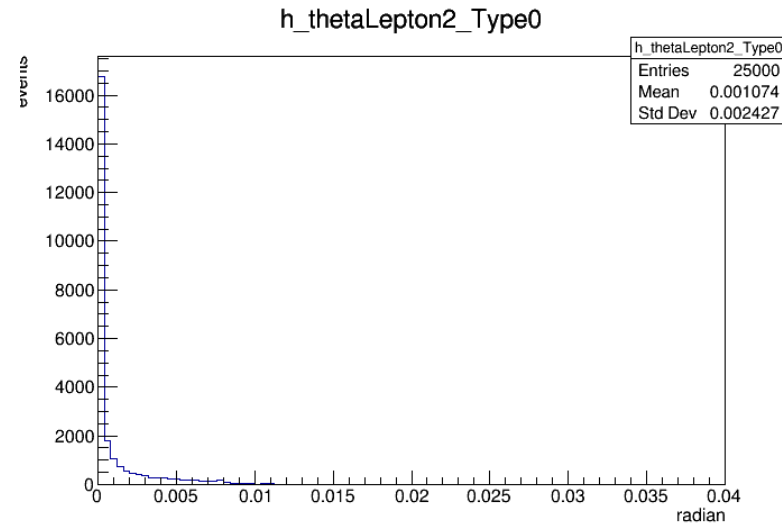
The minimum invariant pT .

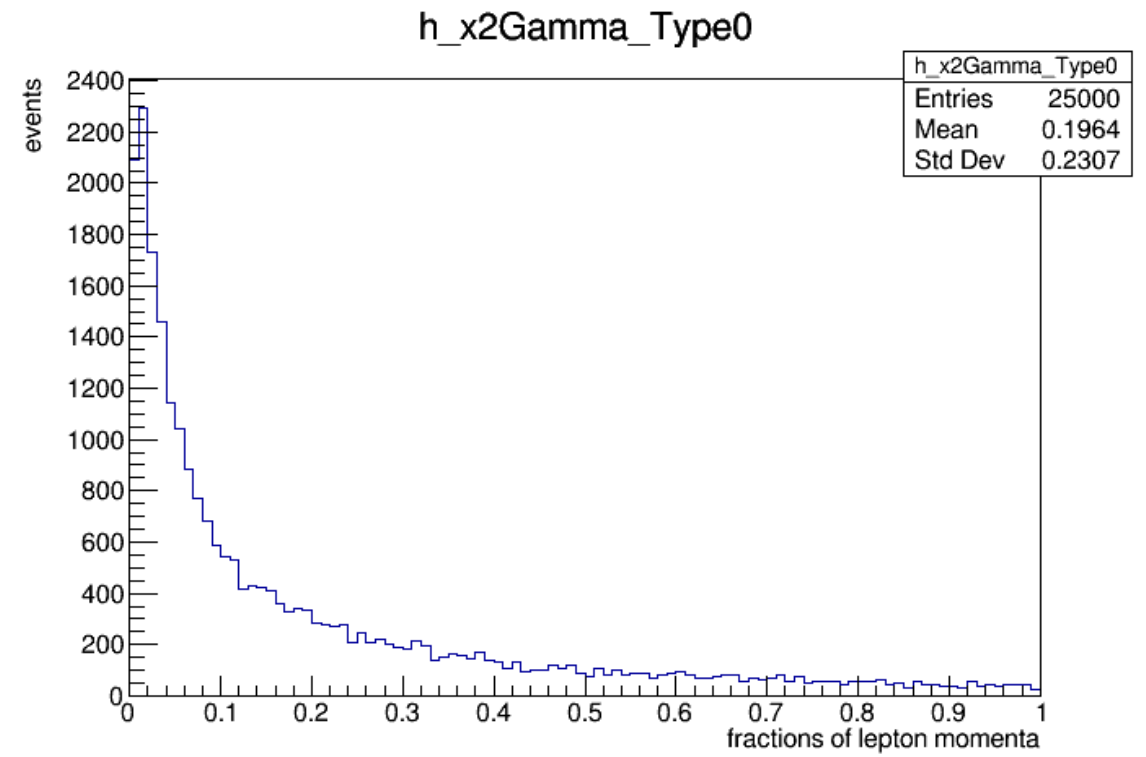
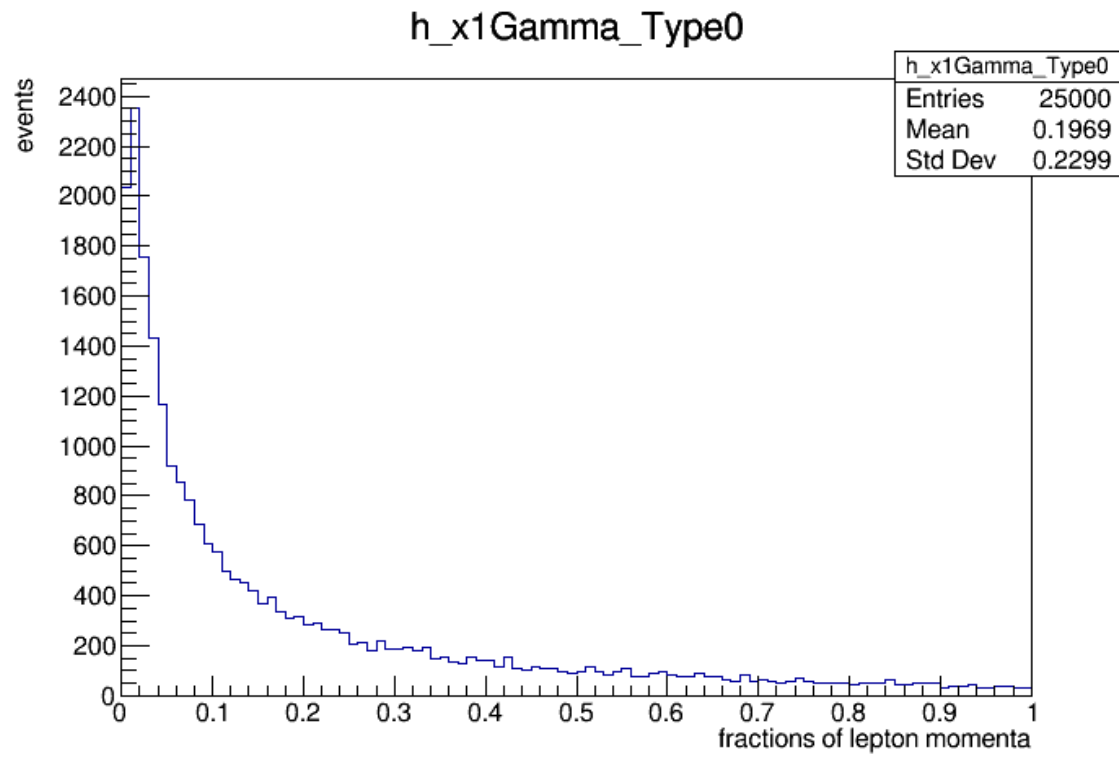
Photon type 0

gamma-
gamma_all
Wmin10
25k_Photon
Type0



gamma-
gamma_all
Wmin10
25k_Photon
Type0

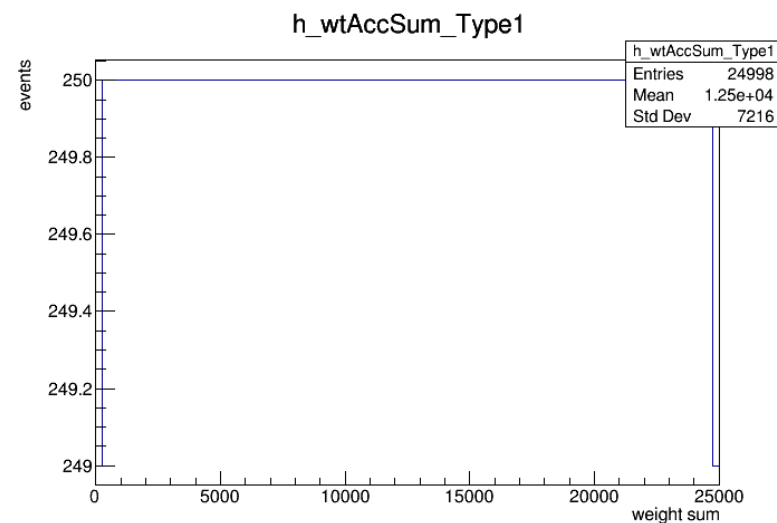
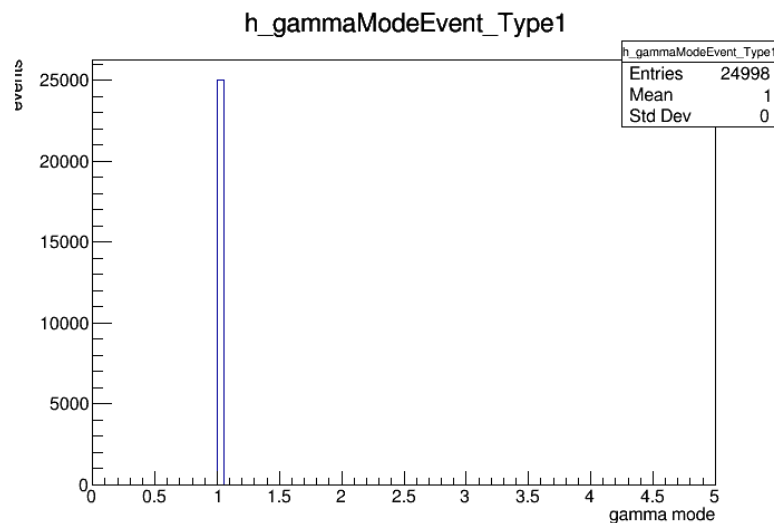
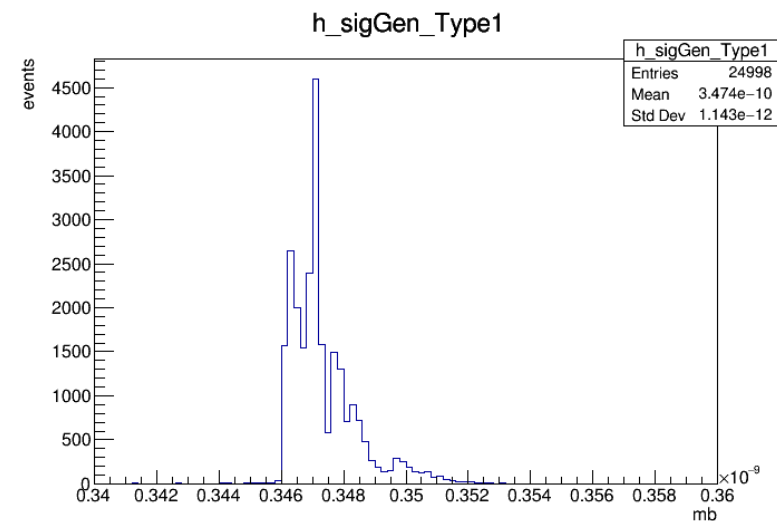
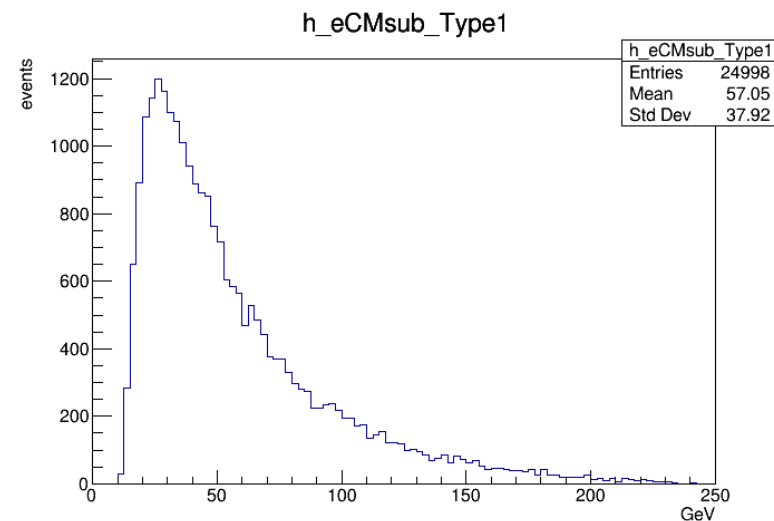




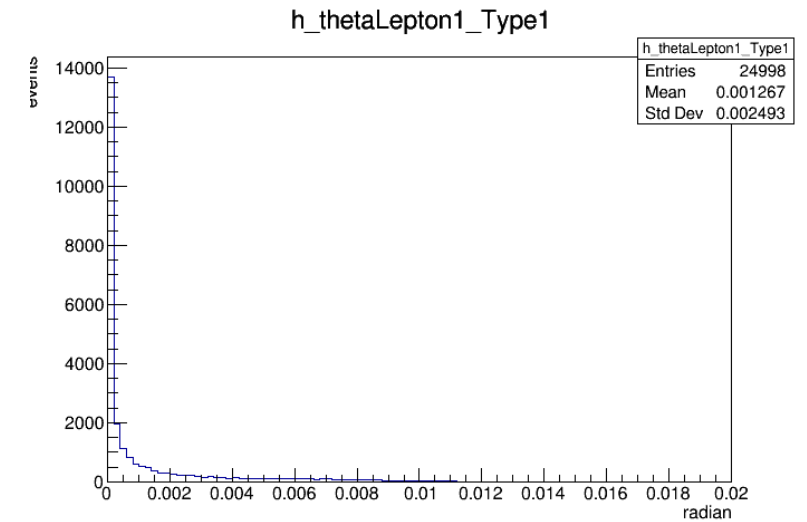
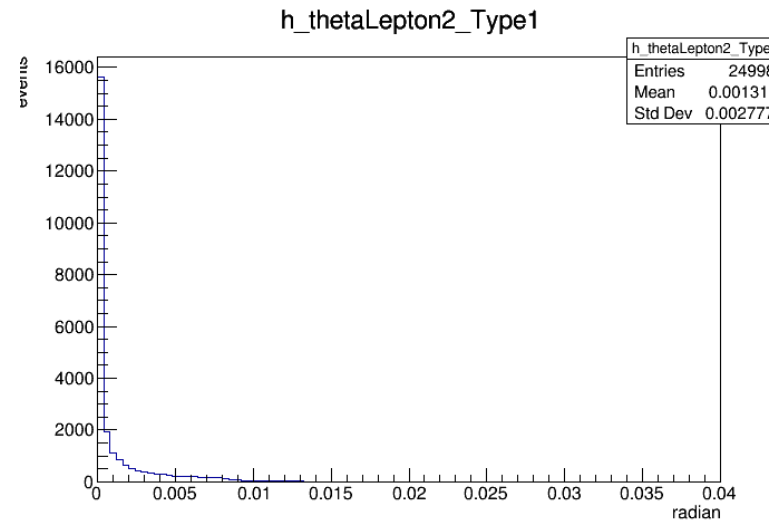
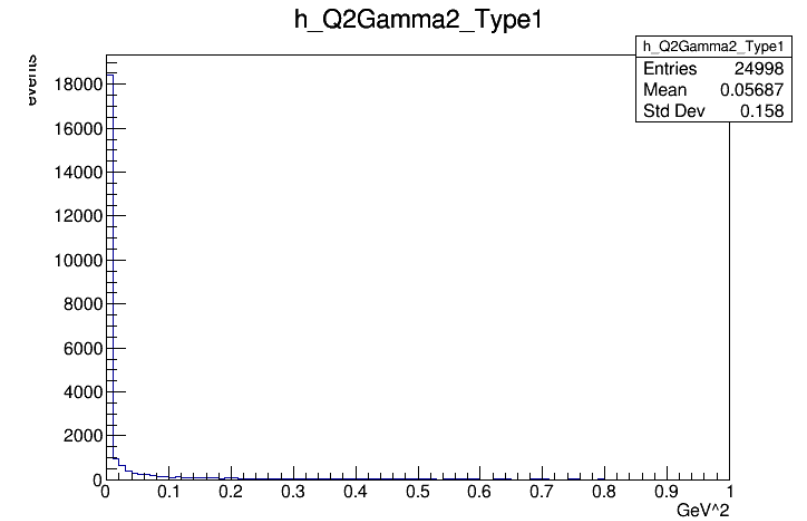
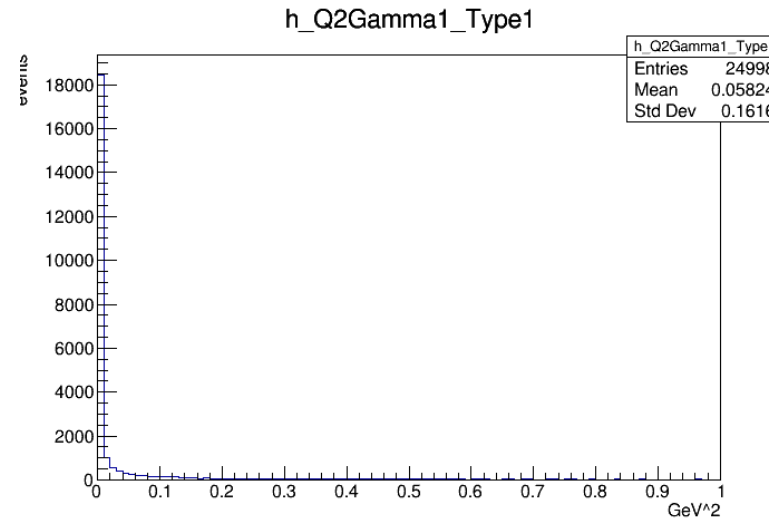
gamma-gamma_all_Wmin10_25k_PhotonType0

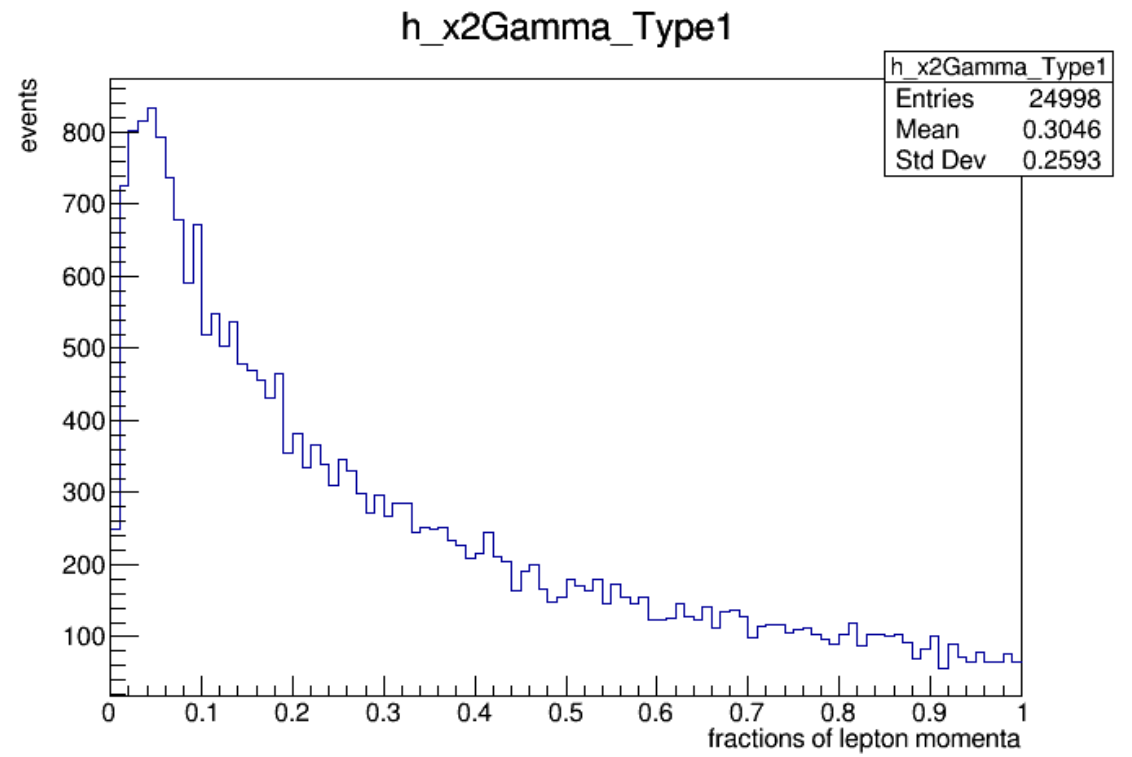
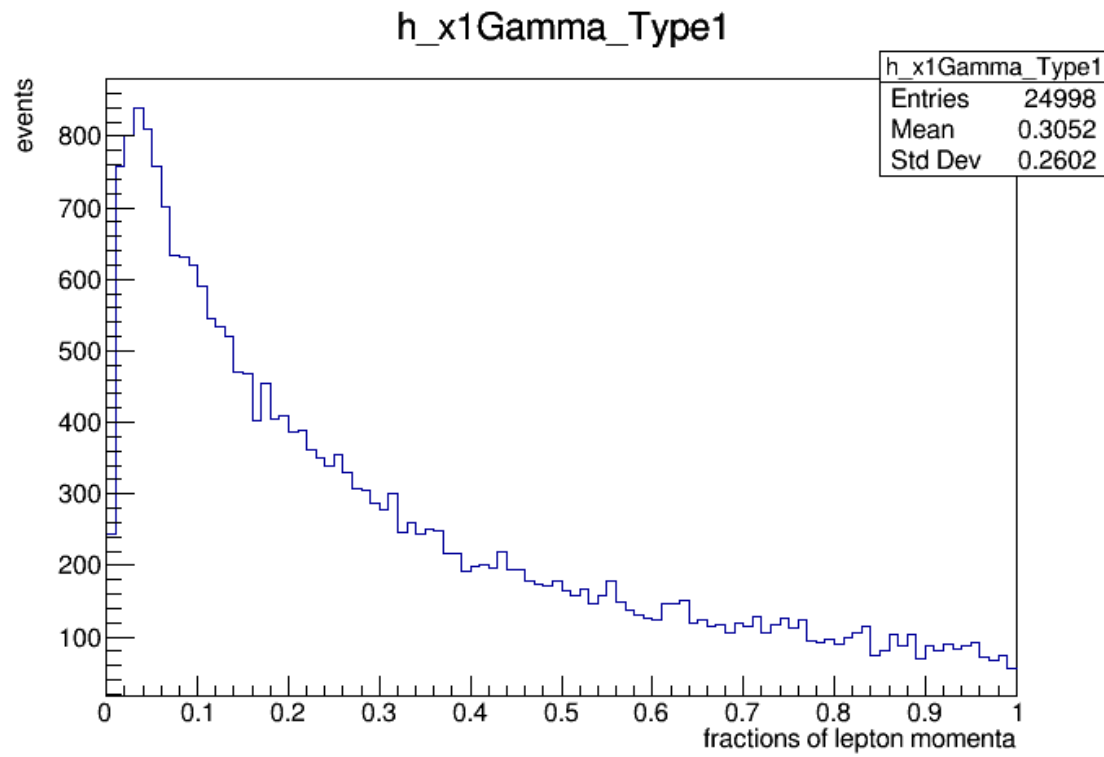
Photon type 1

gamma-
gamma_all
Wmin10
25k_Photon
Type1



gamma-
gamma_all
Wmin10
25k_Photon
Type1

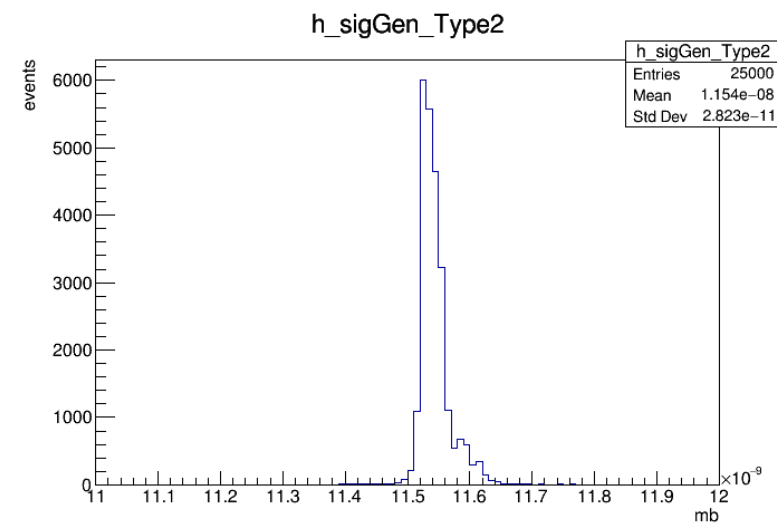
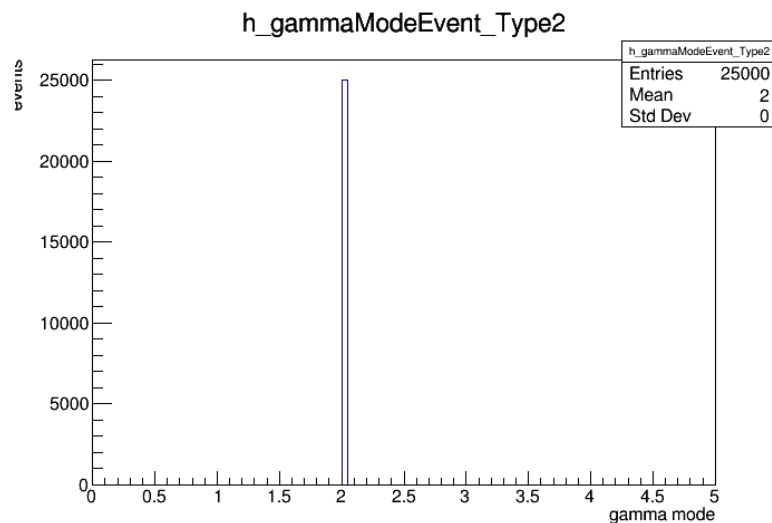
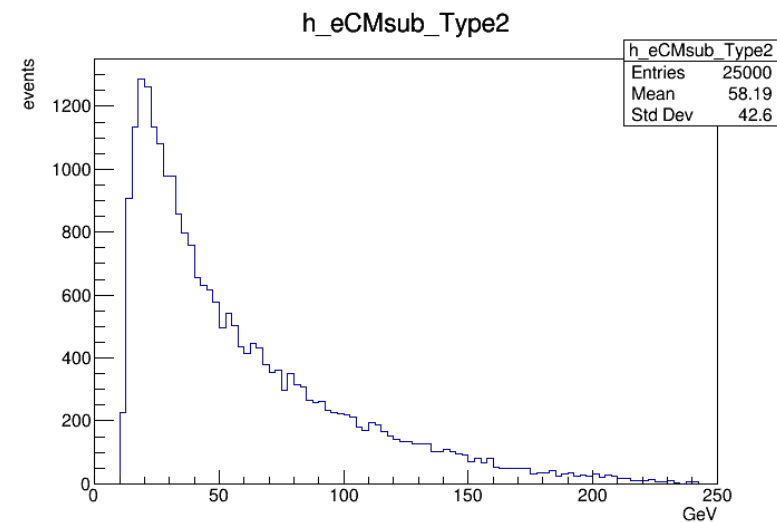
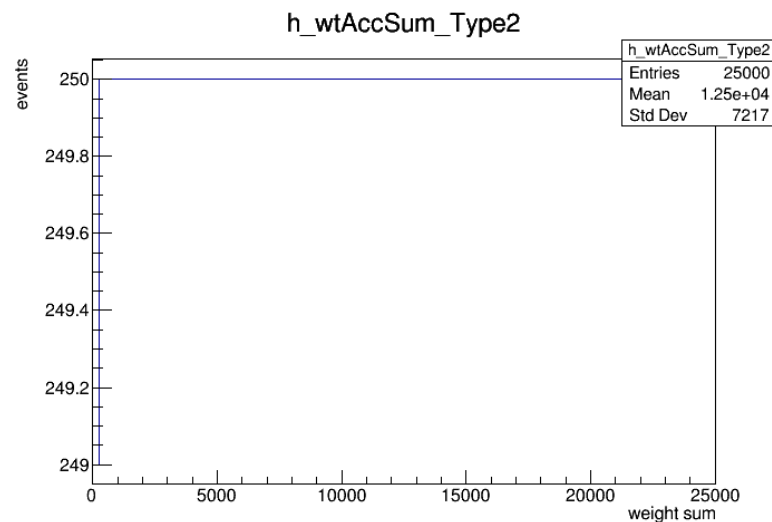




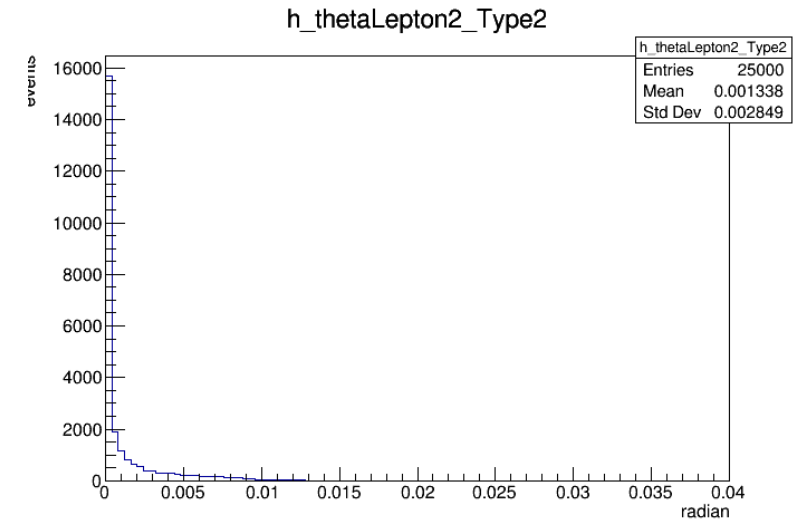
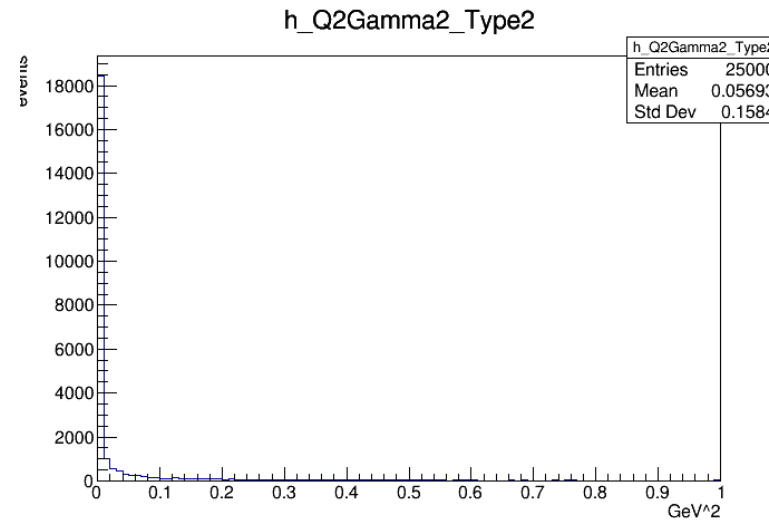
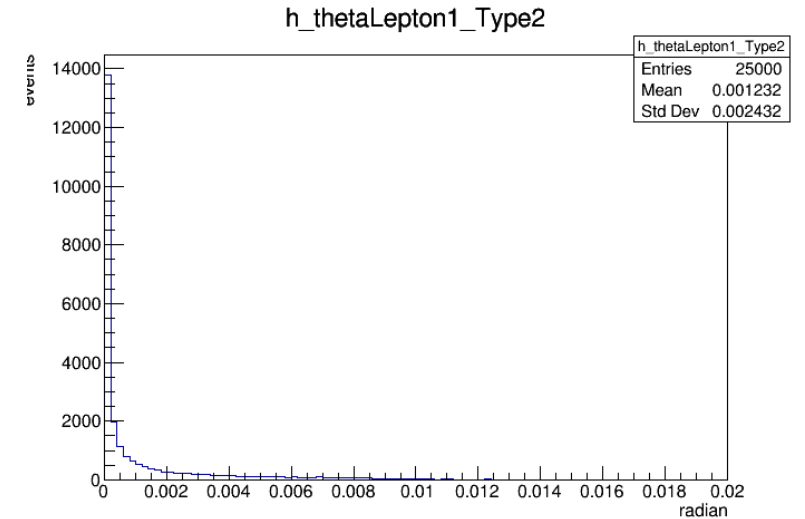
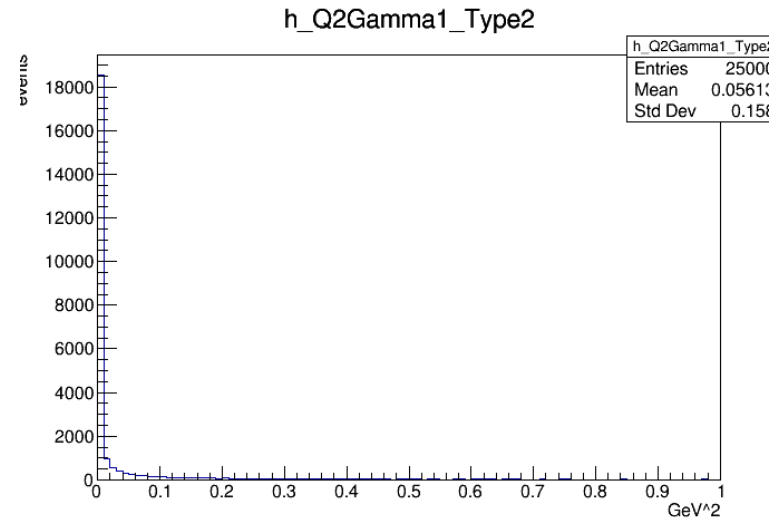
gamma-gamma_all_Wmin10_25k_PhotonType1

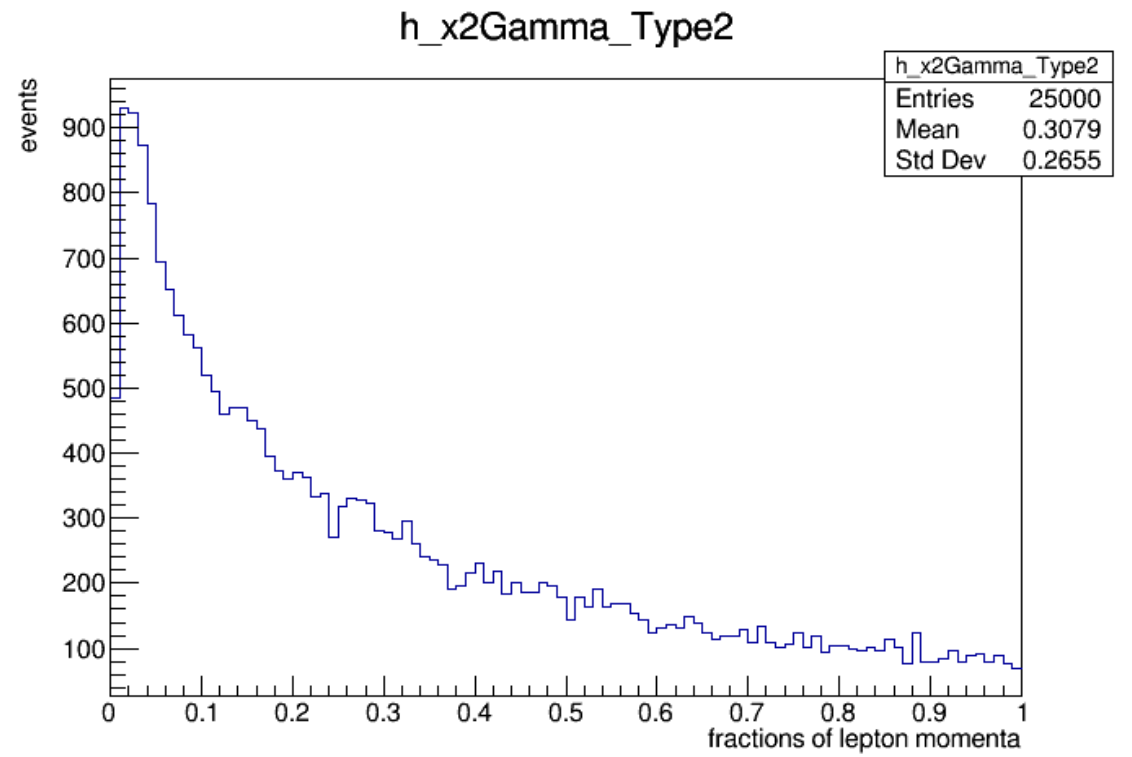
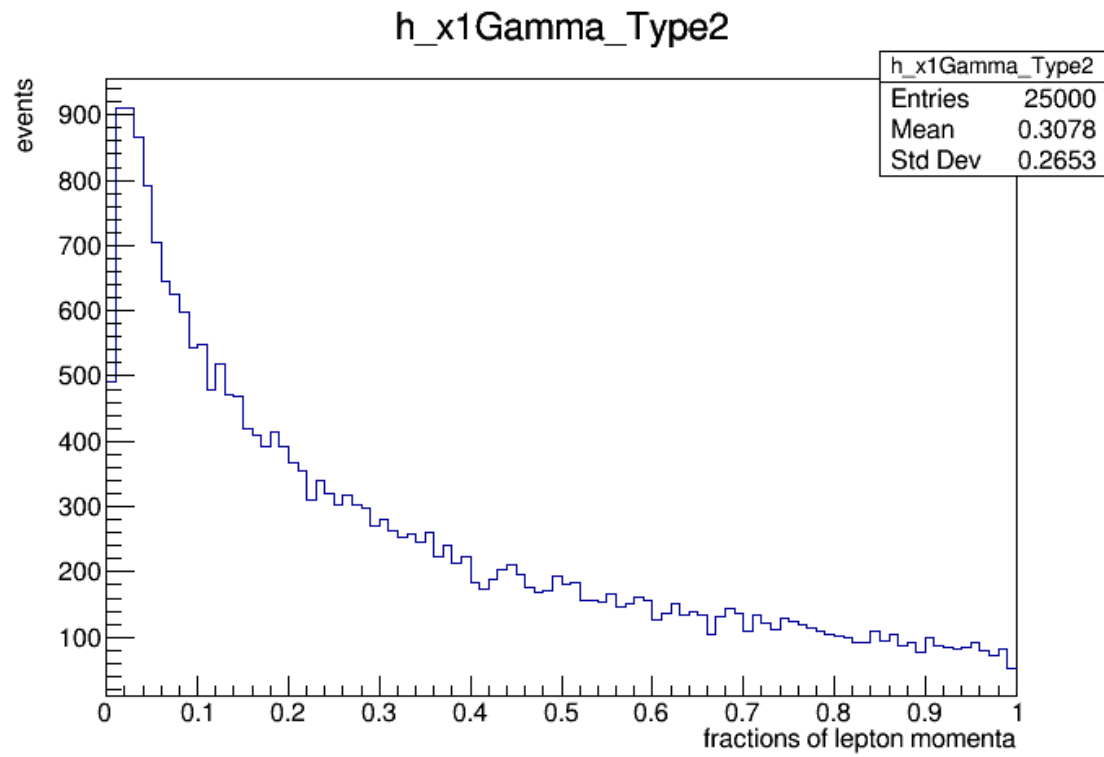
Photon type 2

gamma-
gamma_all
_Wmin5_2
5k_PhotonT
ype2



gamma-
gamma_all
Wmin10
25k_Photon
Type2

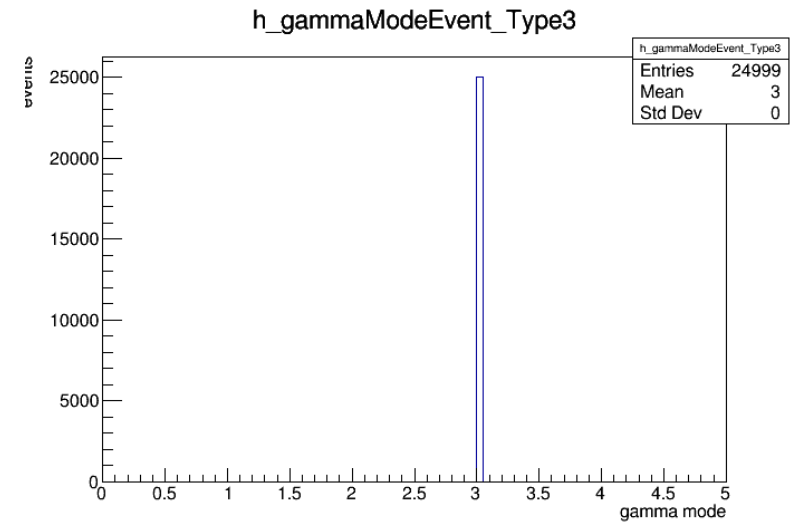
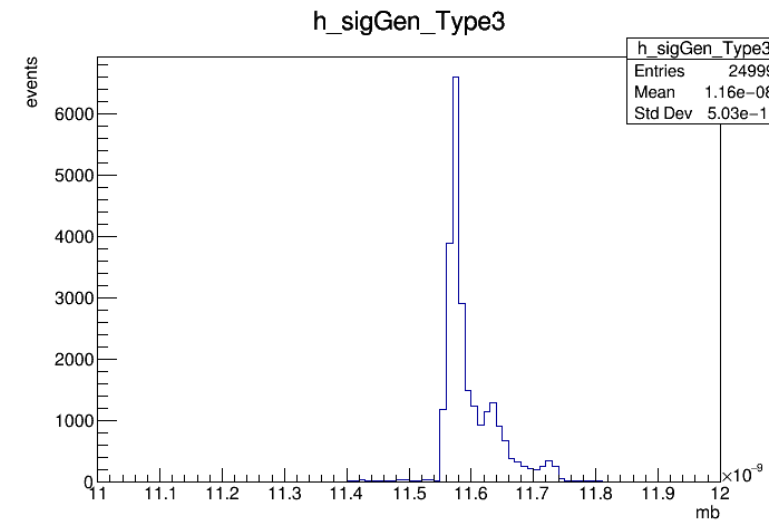
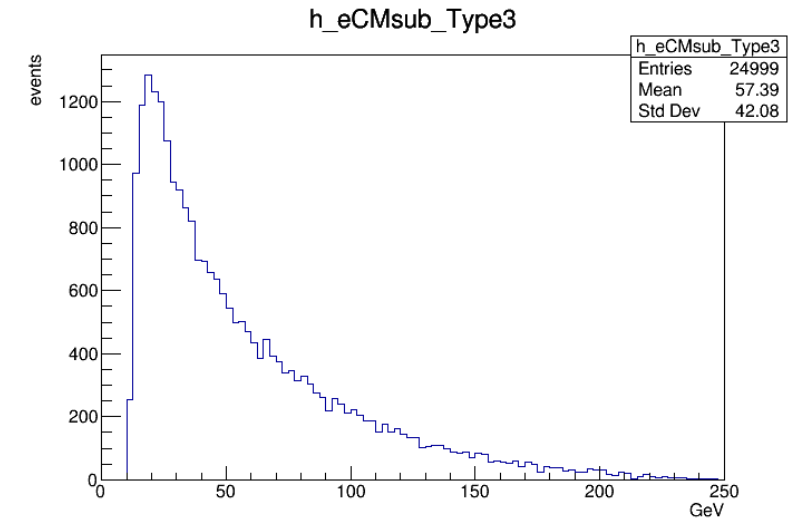
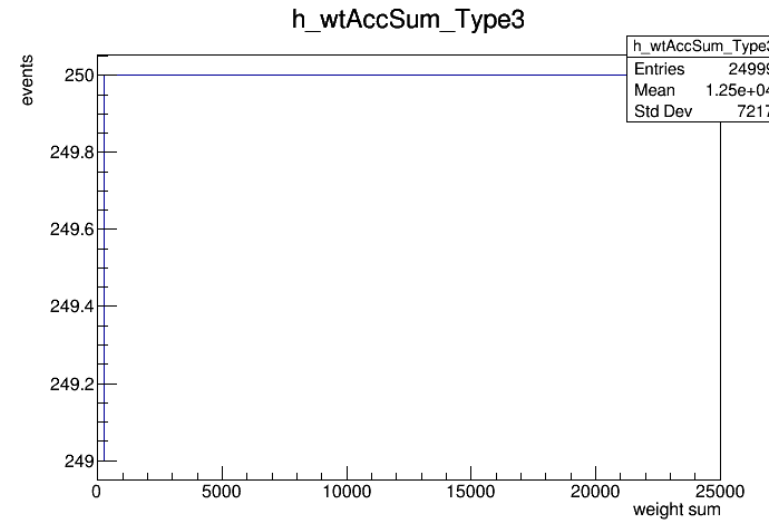




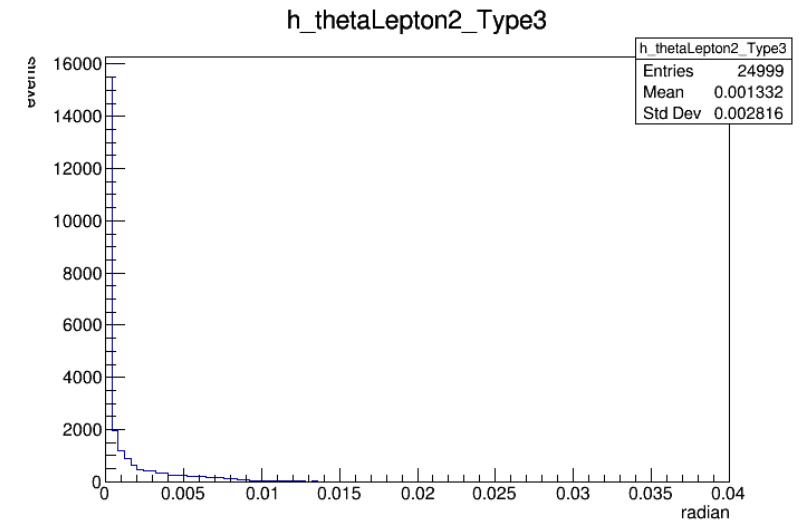
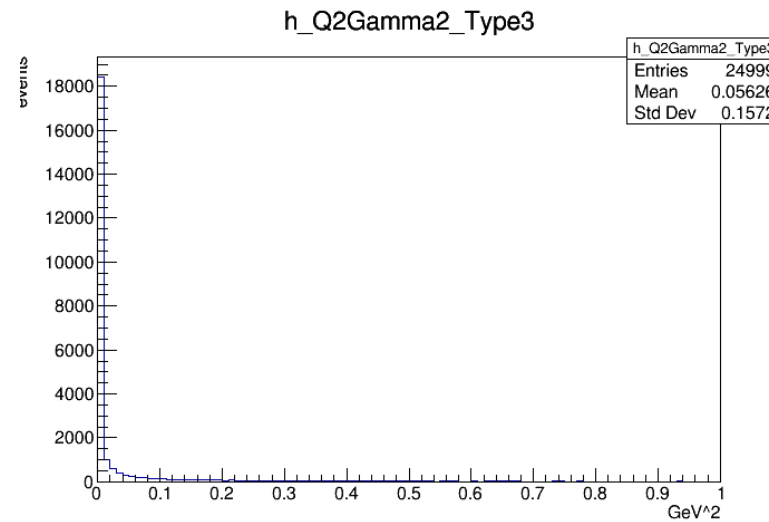
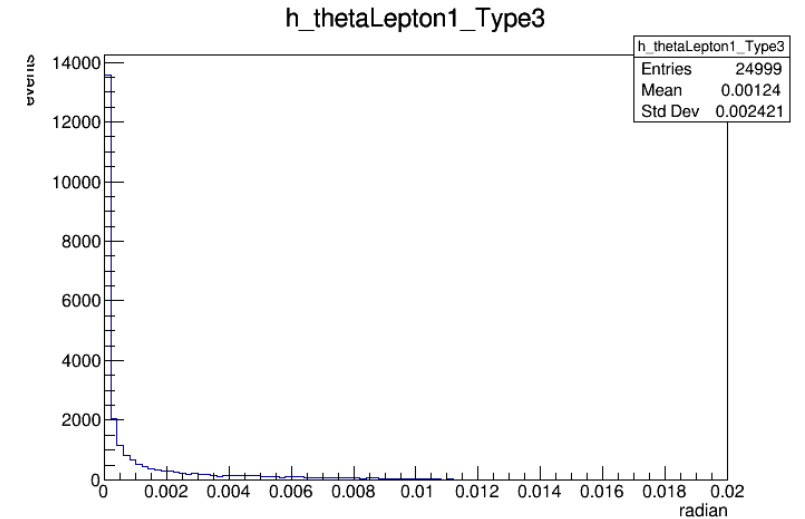
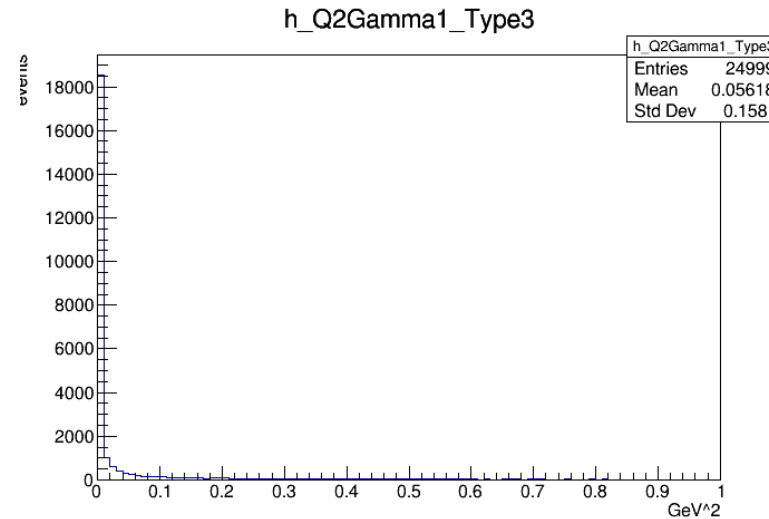
gamma-gamma_all_Wmin10_25k_PhotonType2

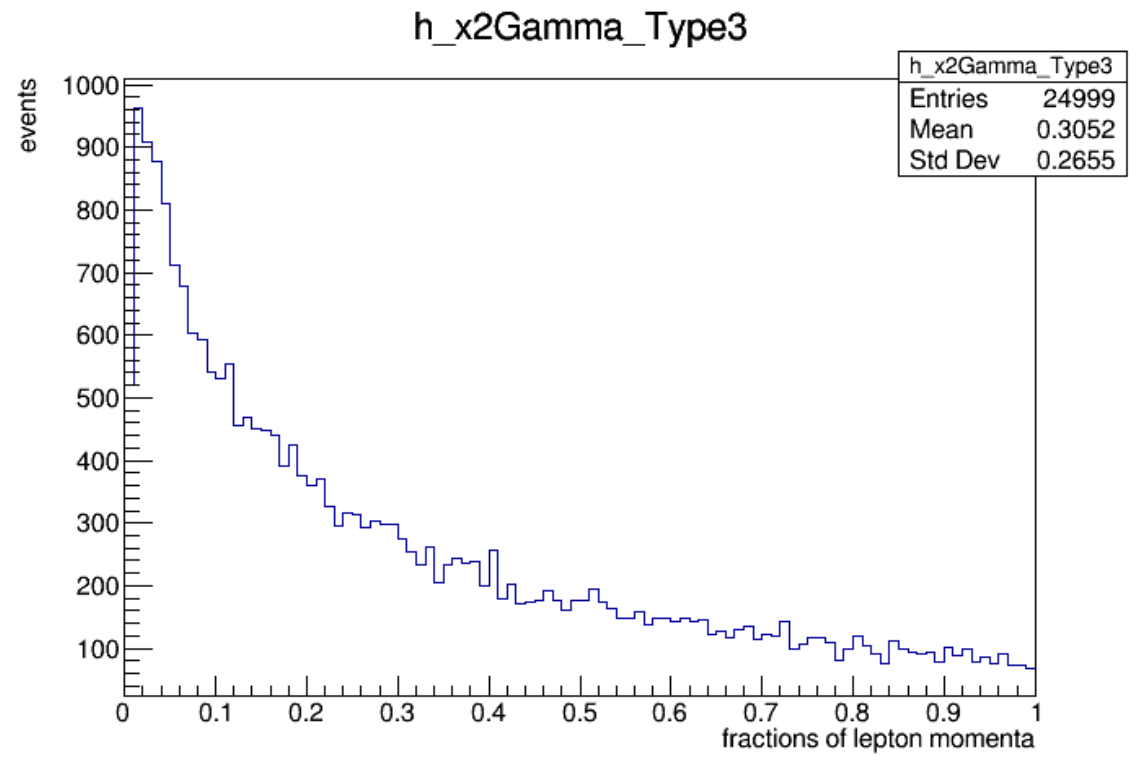
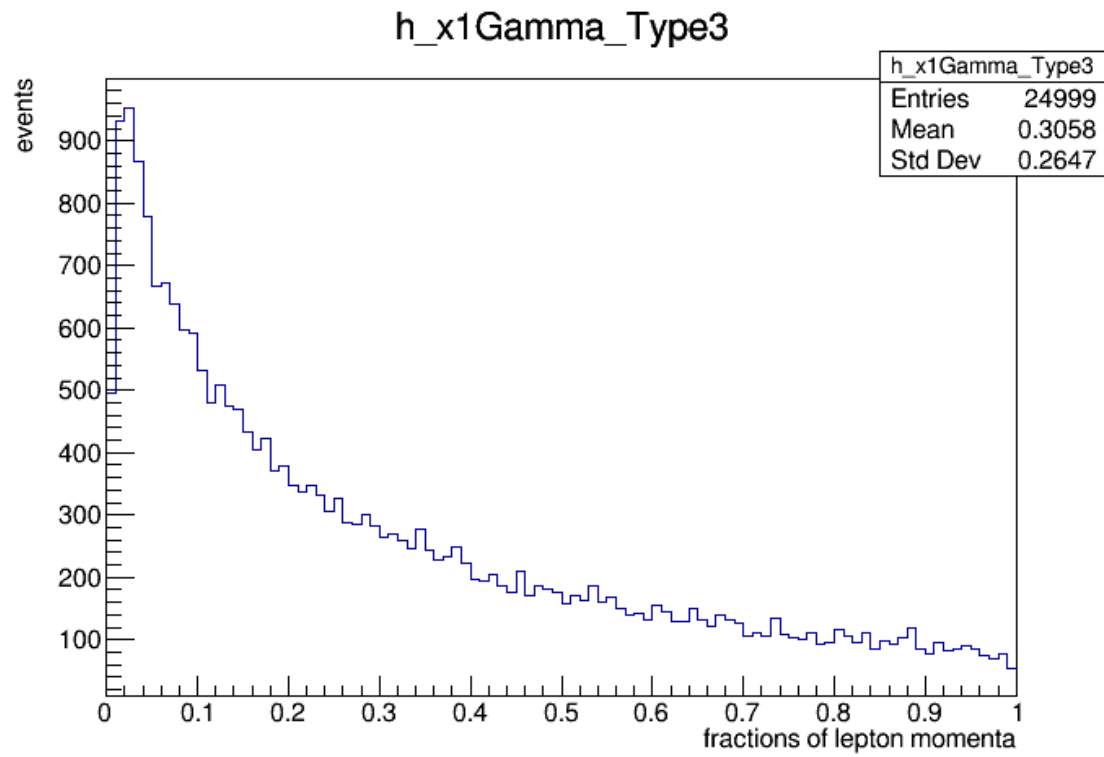
Photon type 3

gamma-
gamma_all
Wmin10
25k_Photon
Type3



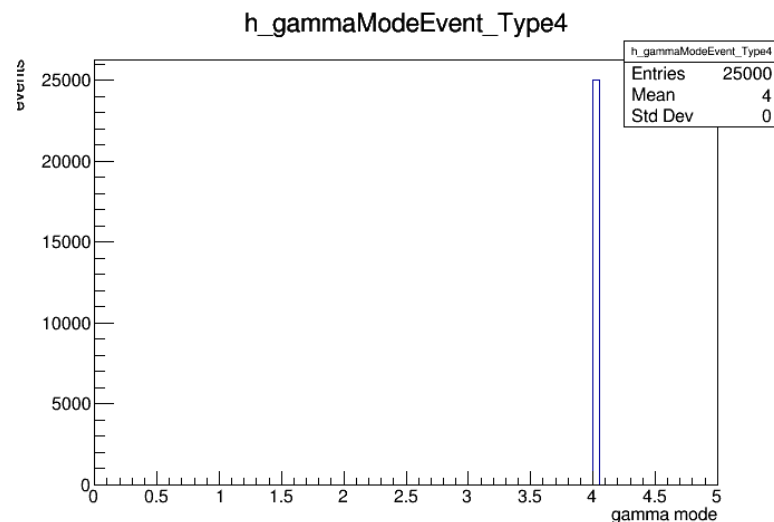
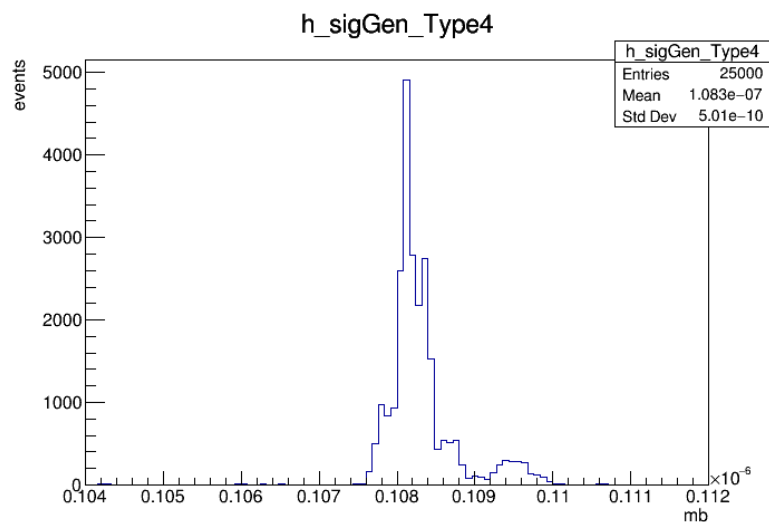
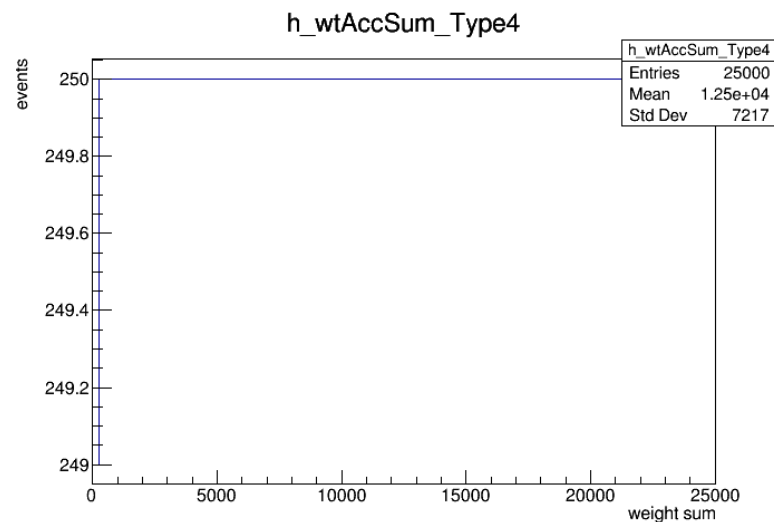
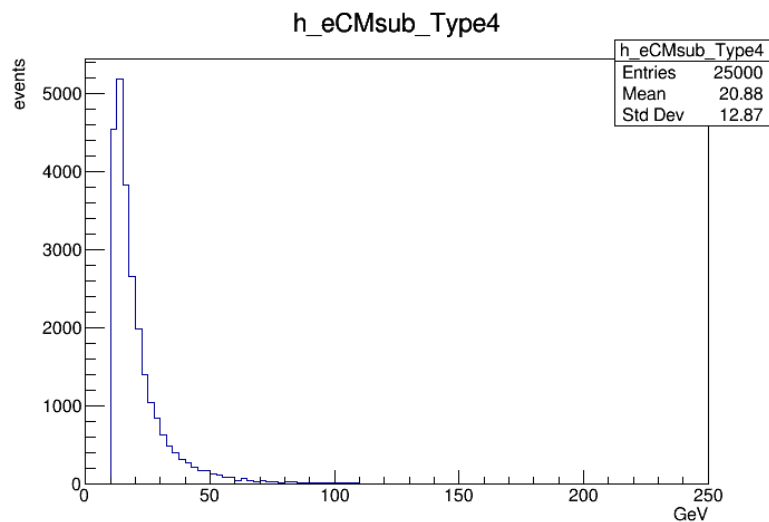
gamma-
gamma_all
Wmin10
25k_Photon
Type3



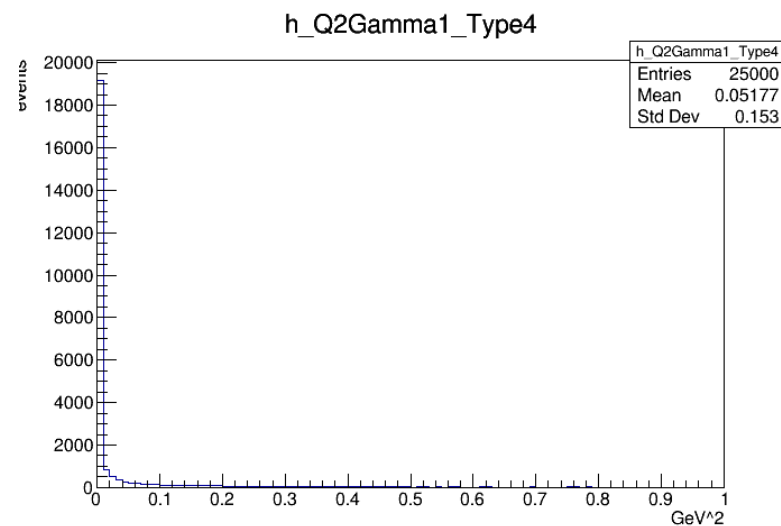
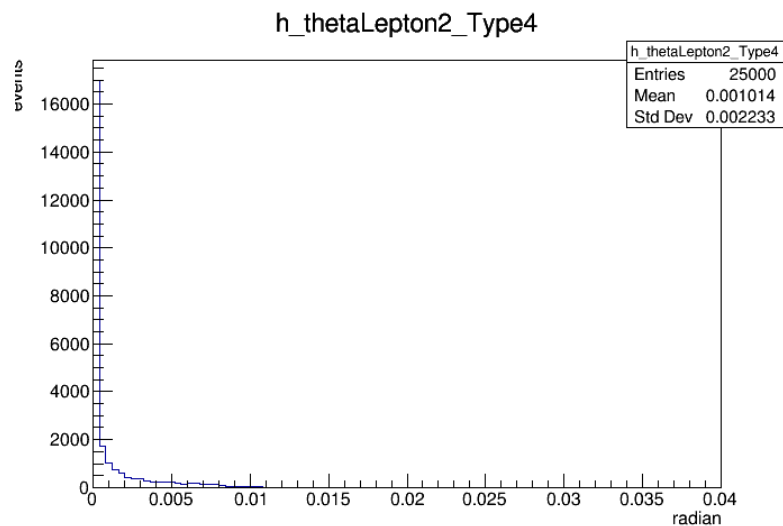
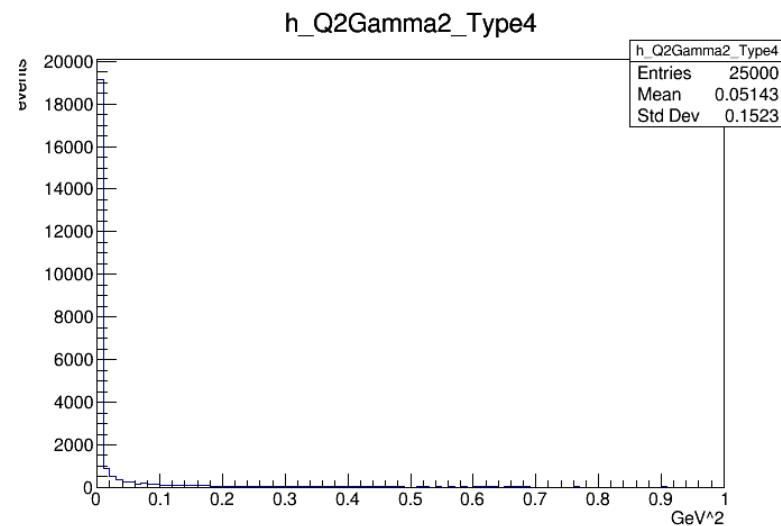
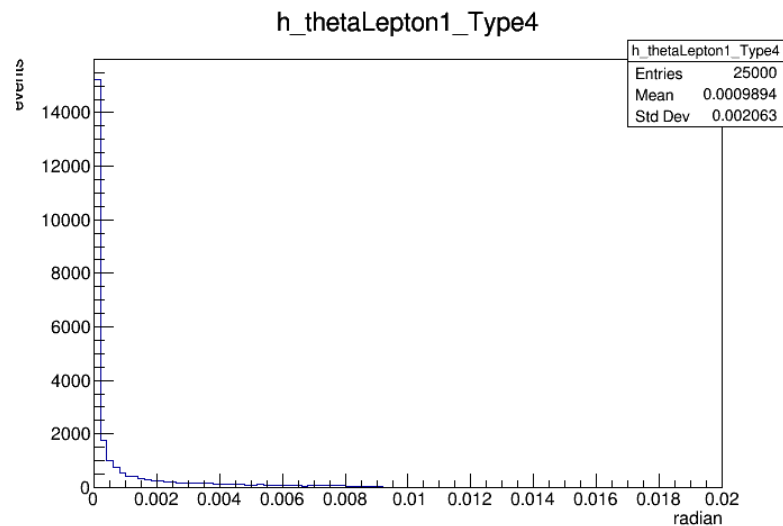


gamma-gamma_all_Wmin5_25k_PhotonType3

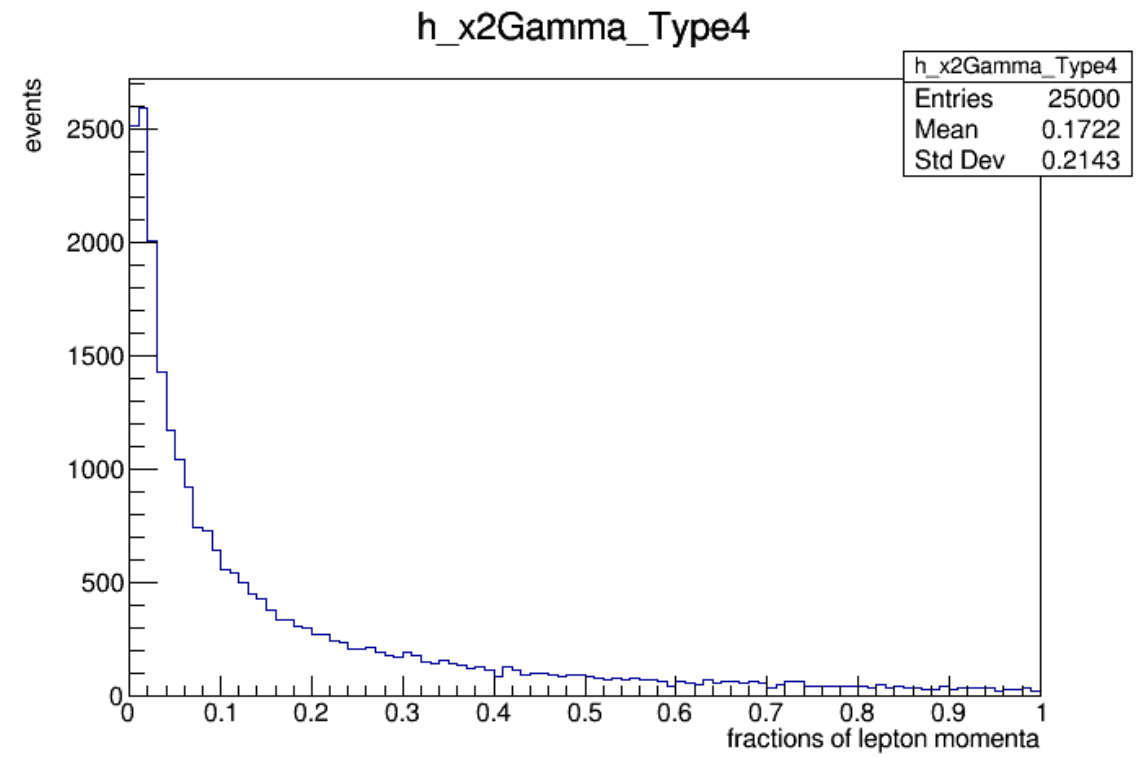
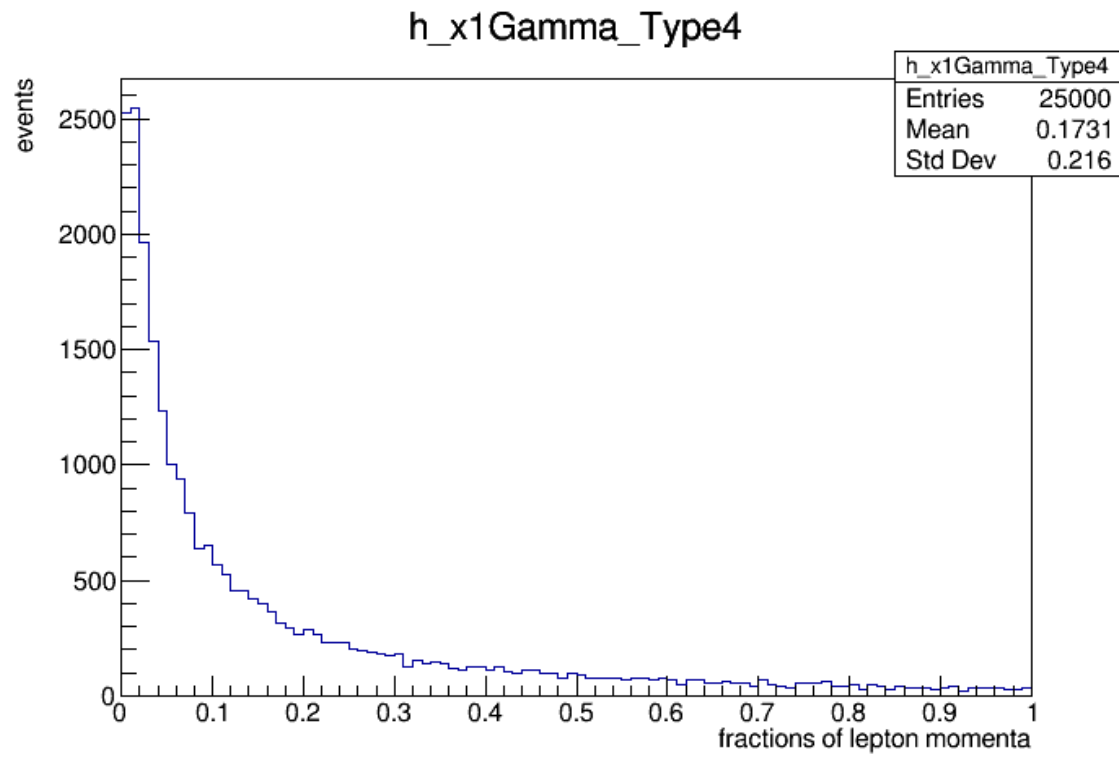
Photon type 4



gamma-
gamma_all
Wmin10
25k_Photon
Type4



gamma-
gamma_all
Wmin10
25k_Photon
Type4



gamma-gamma_all_Wmin10_25k_PhotonType4