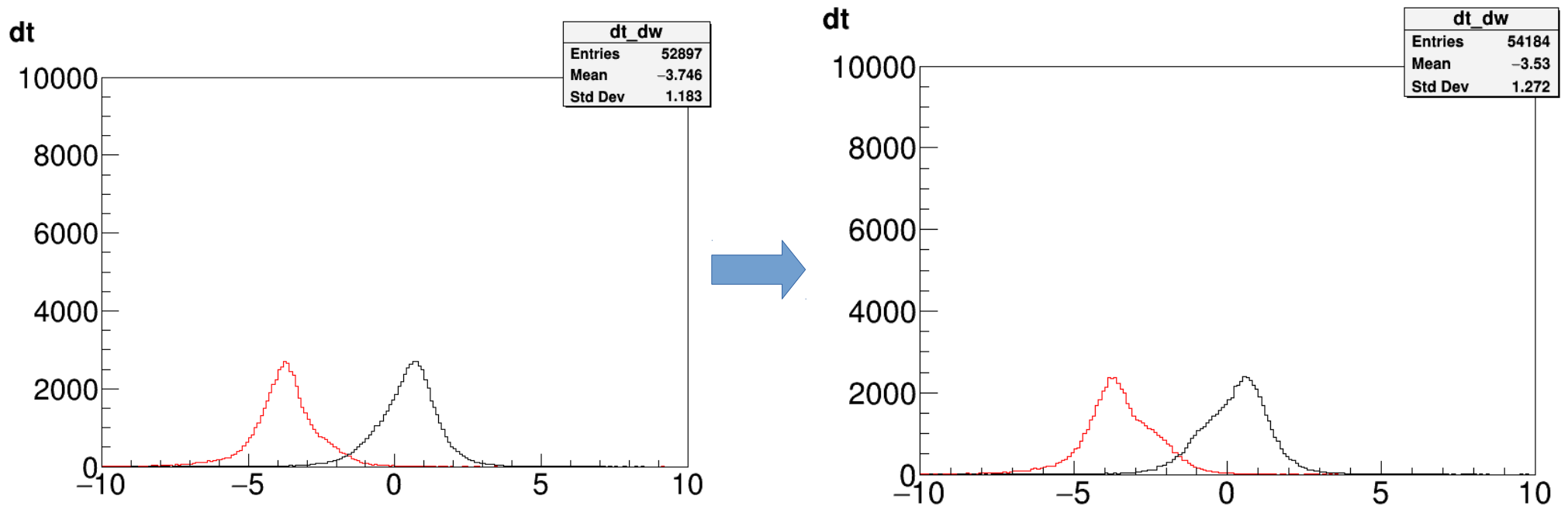


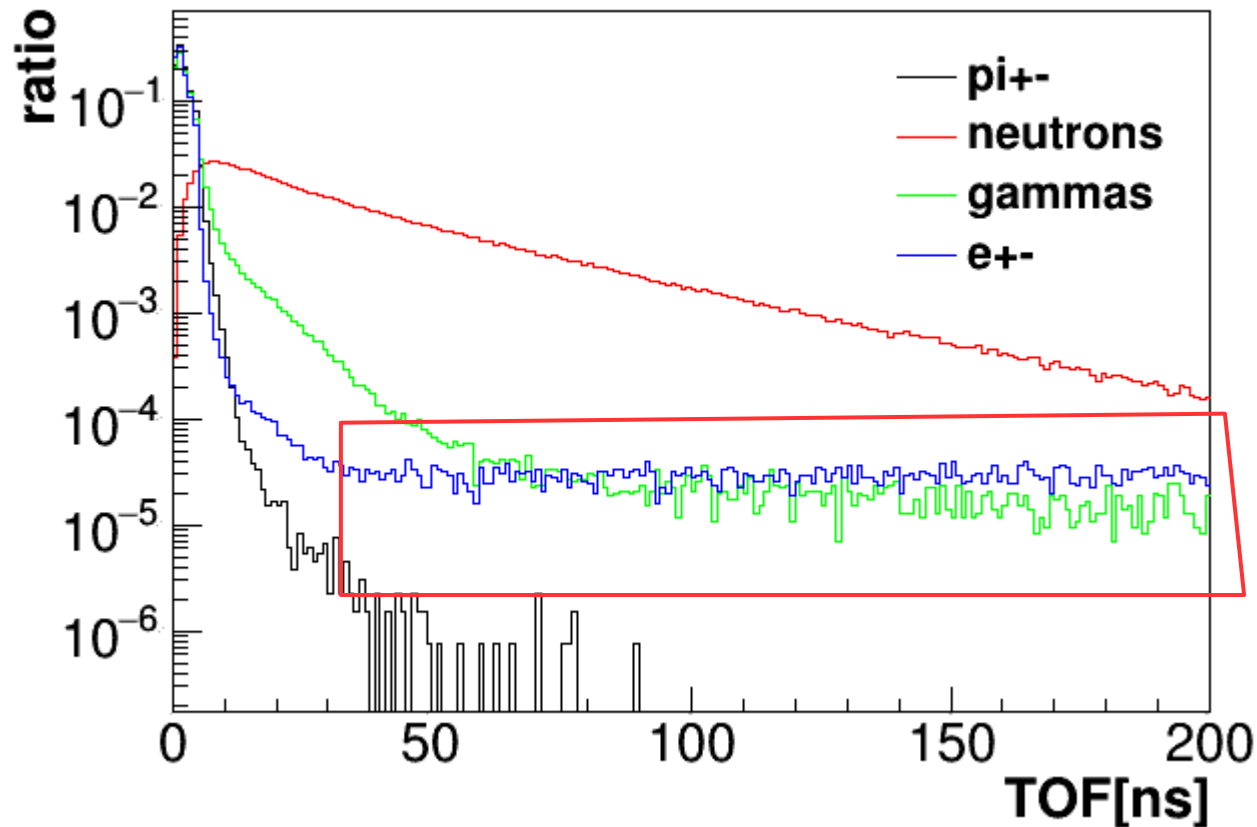
# dt change

- Chamber radius : 290 → 250 mm
- Not much change



# e+- TOF distribution

Thresholds = 0.3 MeV

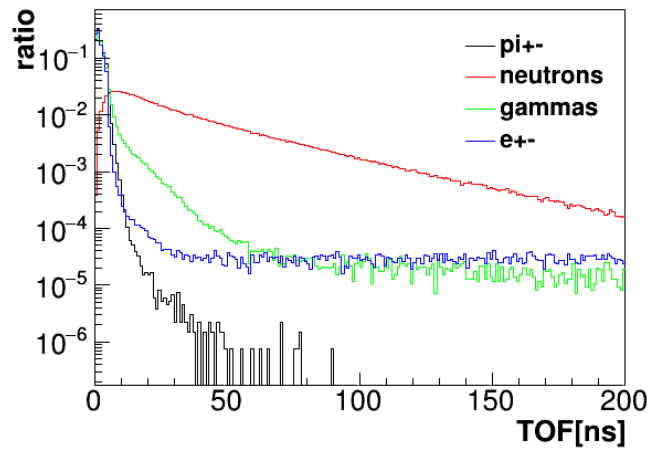


- fraction of over 100 ns  $e^{\pm}$  hits events  $\sim 14\%$

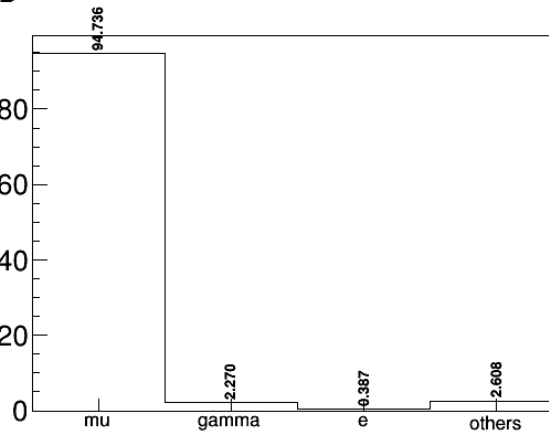
# $e^+e^-$

- Fill histogram ( hit time  $>100\text{ns}$  )  $e^+e^-$  events

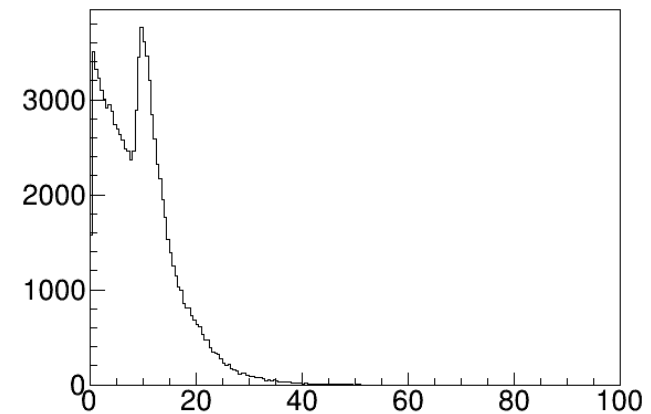
Thresholds = 0.3 MeV



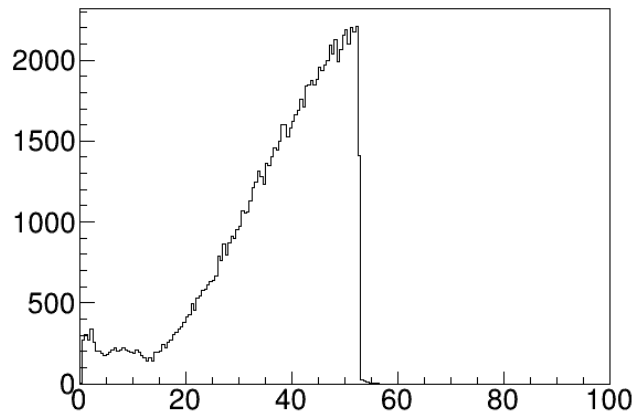
MPID



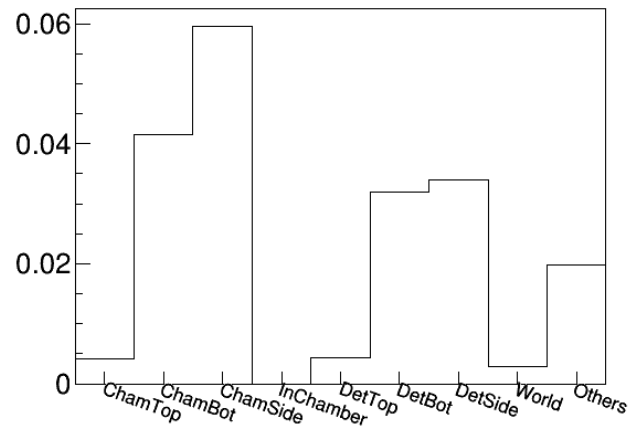
DepositE



InitialMomentum



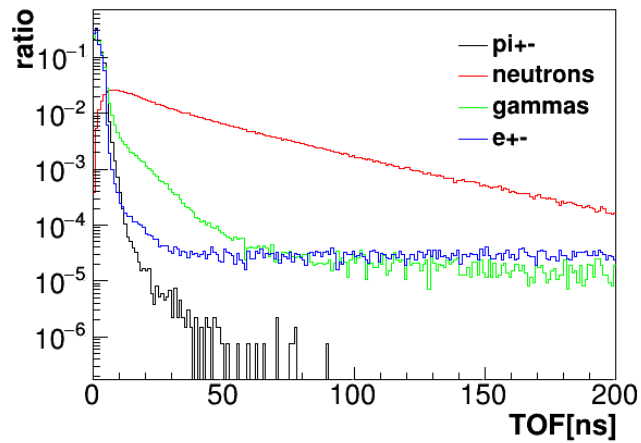
InitialVolume



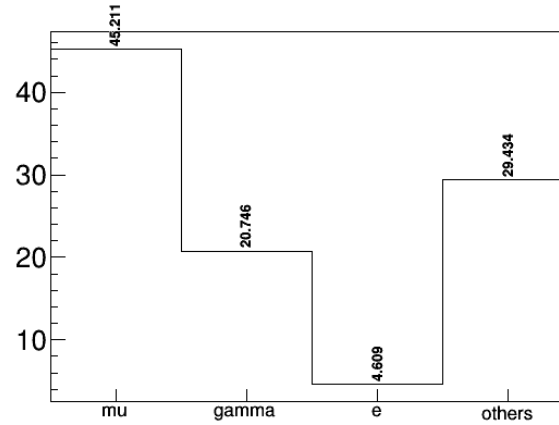
# Electron

- Fill histogram ( hit time >100ns ) e- events

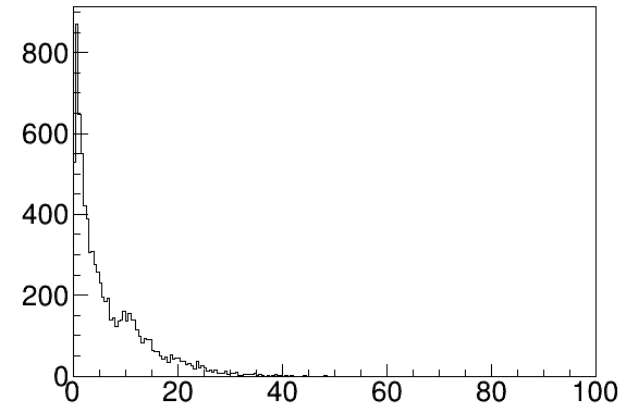
Thresholds = 0.3 MeV



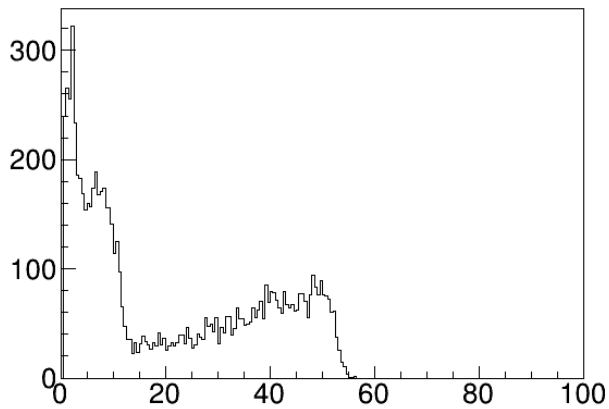
MPID



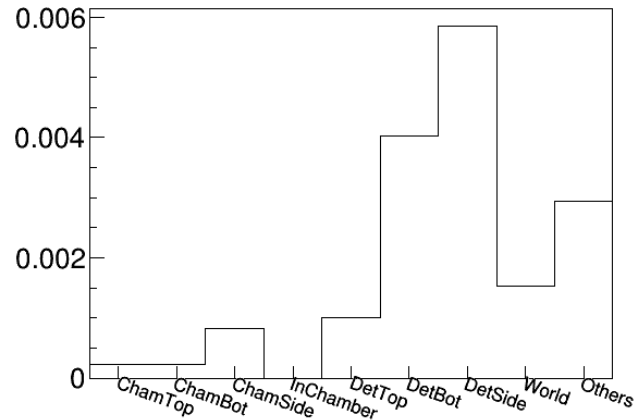
DepositE



InitialMomentum



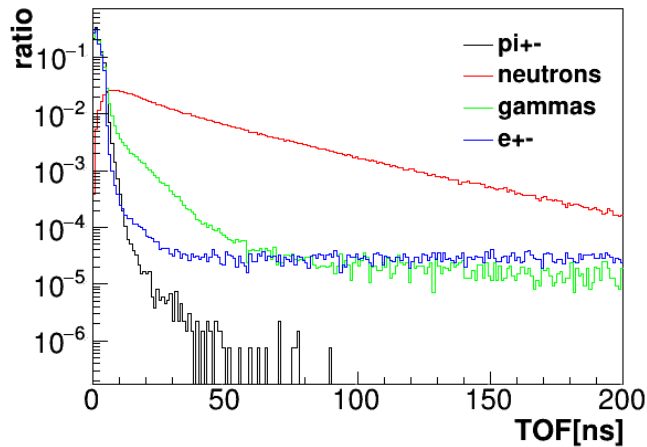
InitialVolume



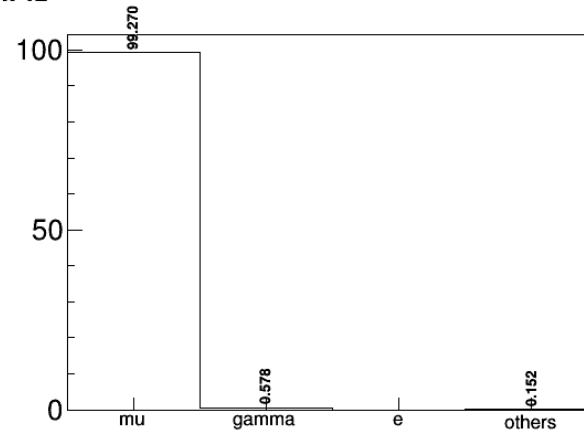
# Positron

- Fill histogram ( hit time  $>100\text{ns}$  )  $e^+$  events

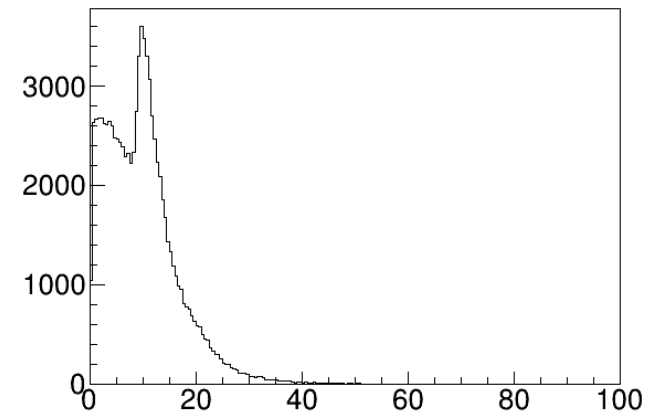
Thresholds = 0.3 MeV



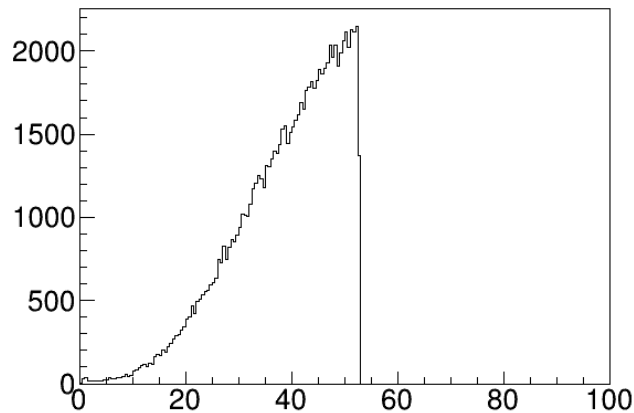
MPID



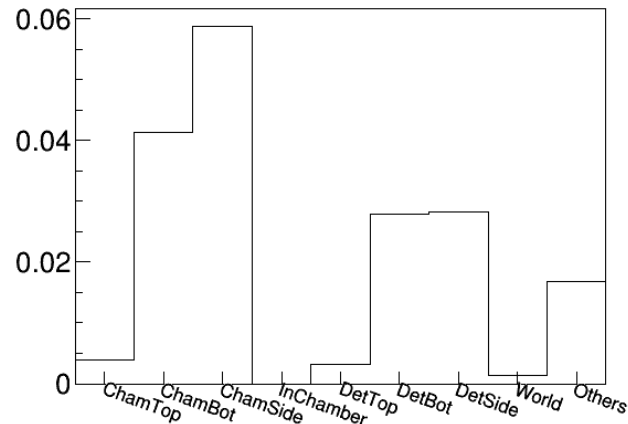
DepositE



InitialMomentum



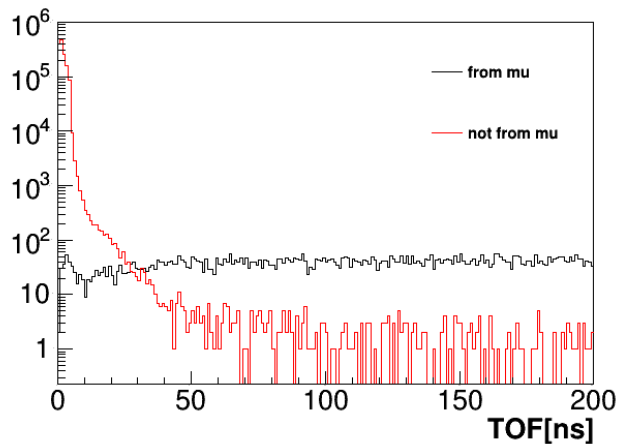
InitialVolume



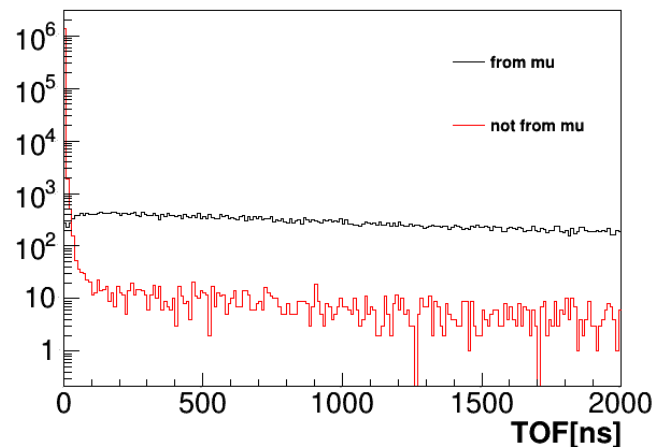
# From mu & not from mu events

- Average hit time of  $e^+e^-$  whose mother particles are mu  
=(pion flight+muon flight+muon decay+  $e^+e^-$  hits)  $\sim 2.3$  us
- Muon decay time  $\sim 2.2$  us, 100ns of other process seems to be a cause of an excess.

Thresholds = 0.3 MeV



Thresholds = 0.3 MeV



Thresholds = 0.3 MeV

