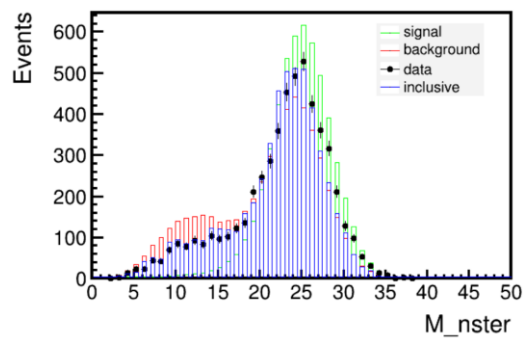
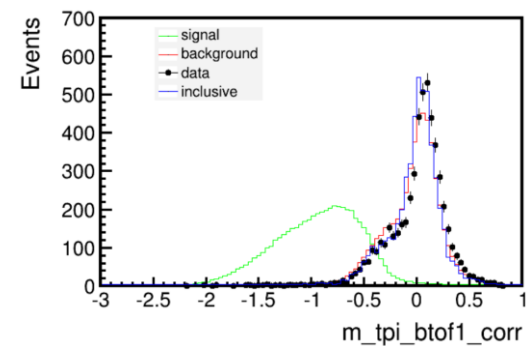
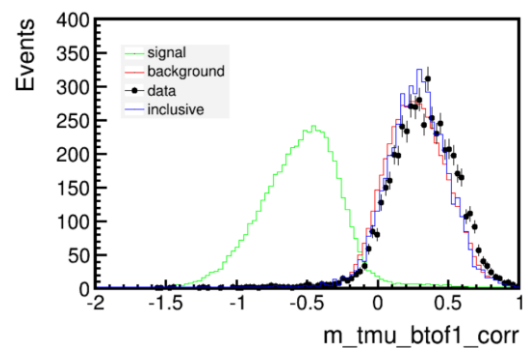
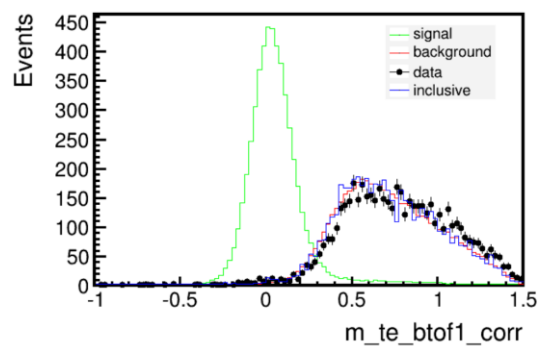
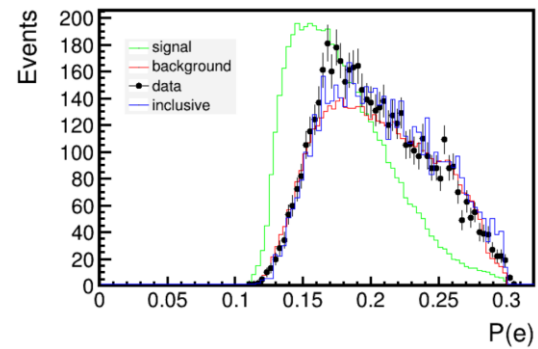
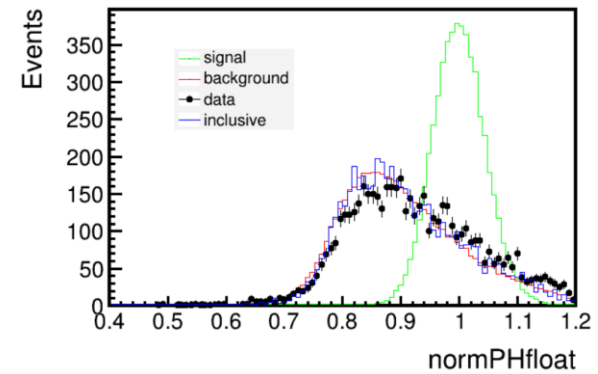
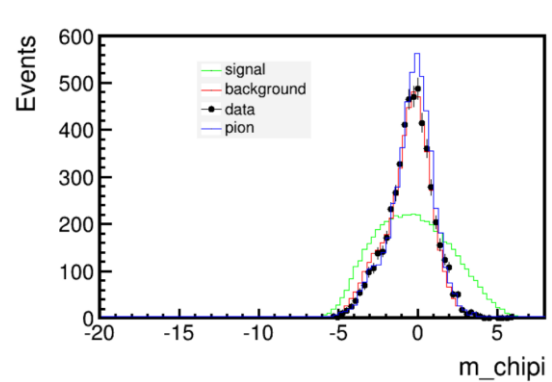
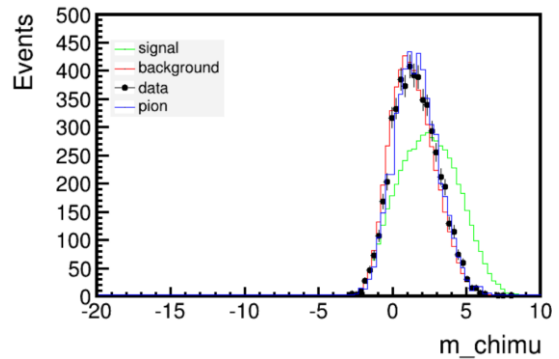
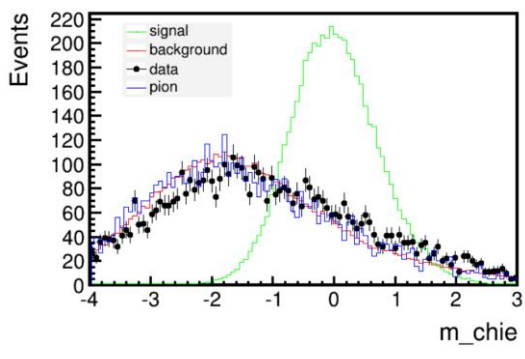
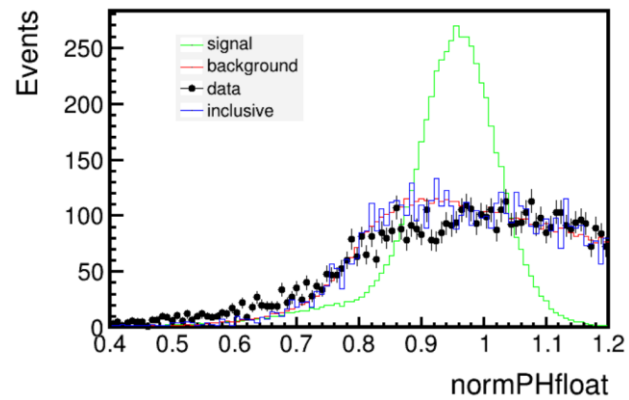
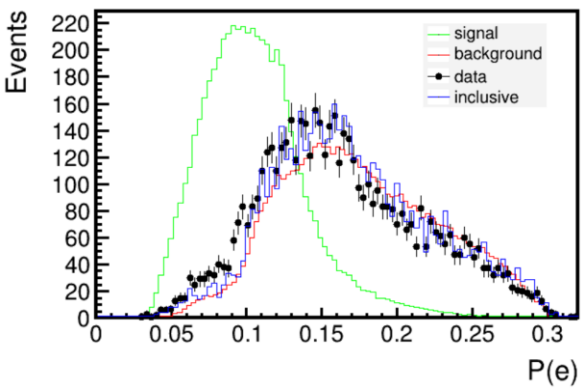
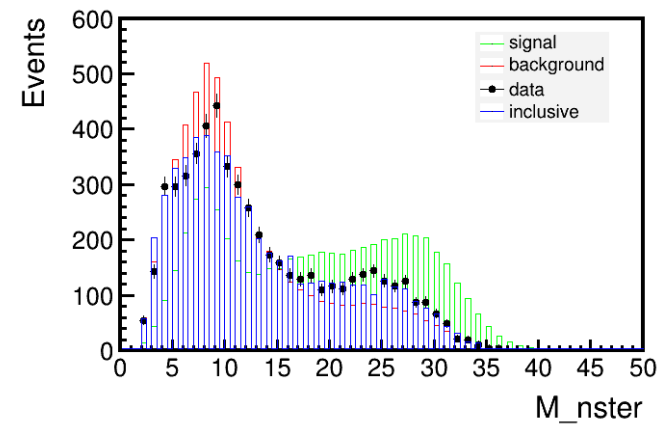
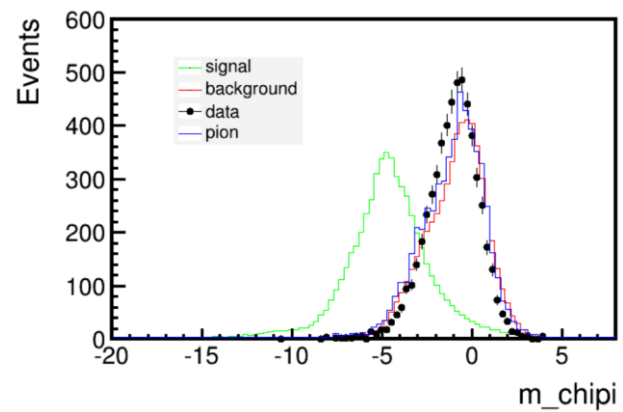
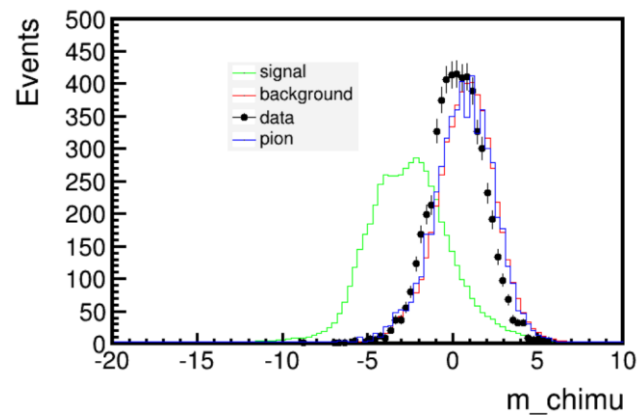
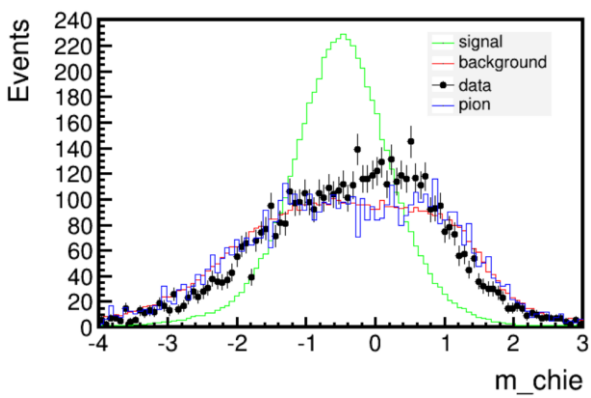


Electron pid

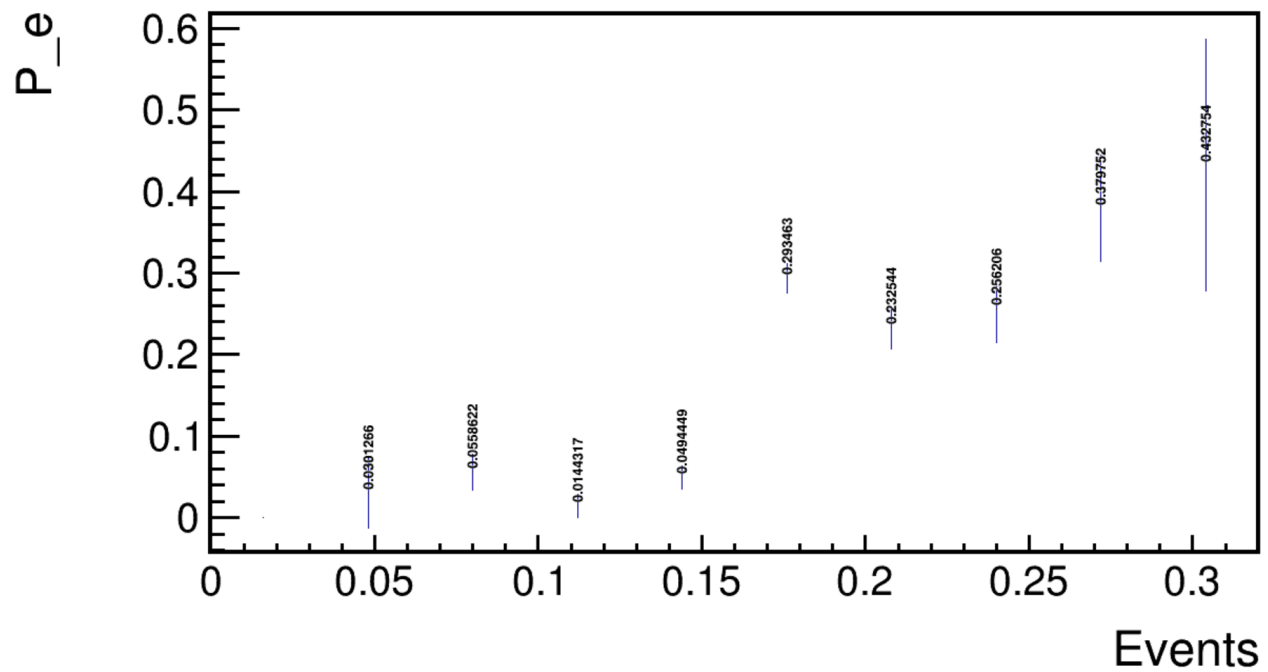
Tof corr



noTof

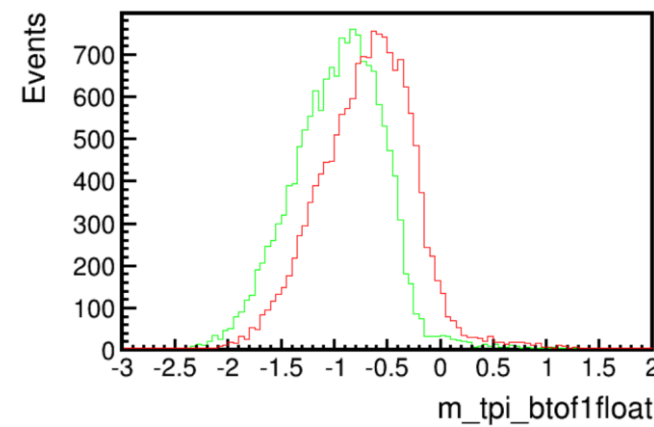
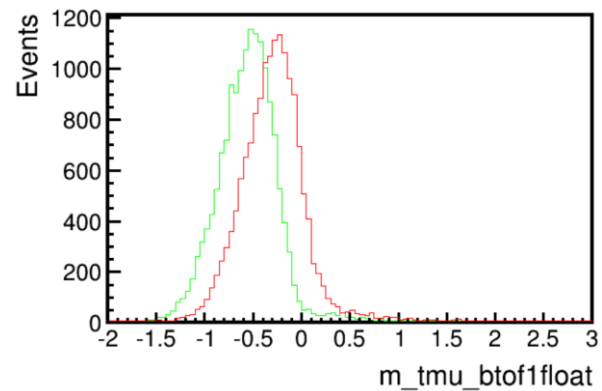
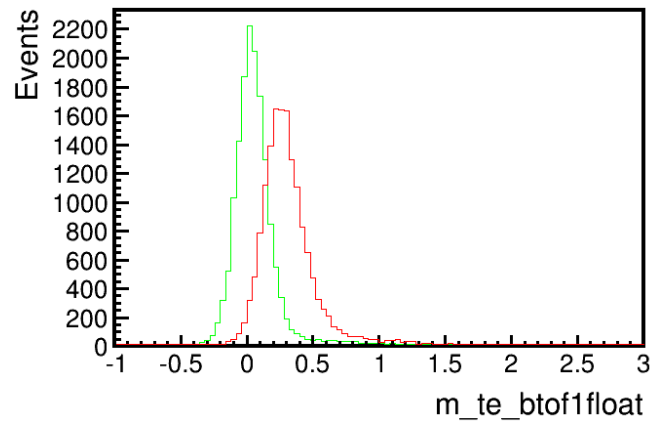
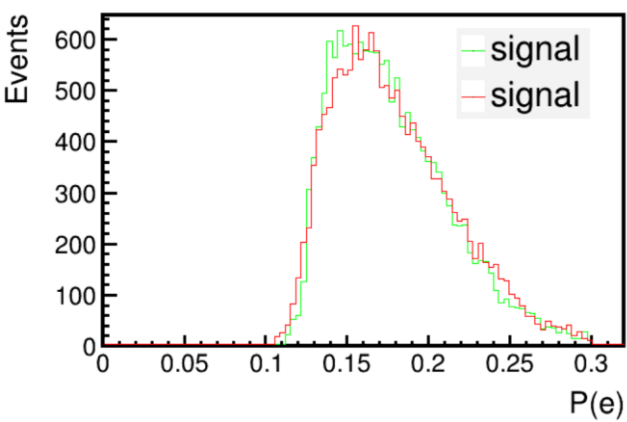
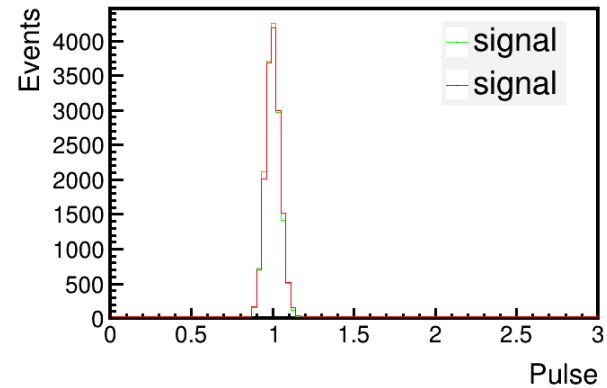
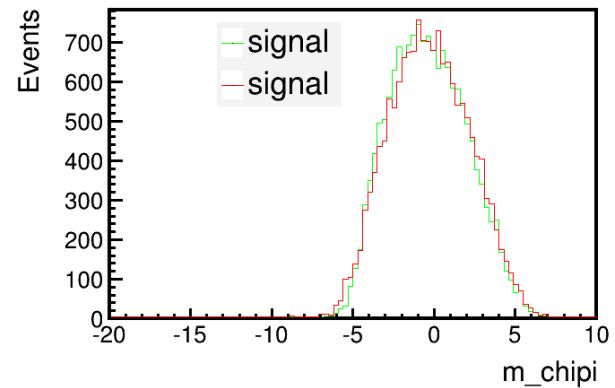
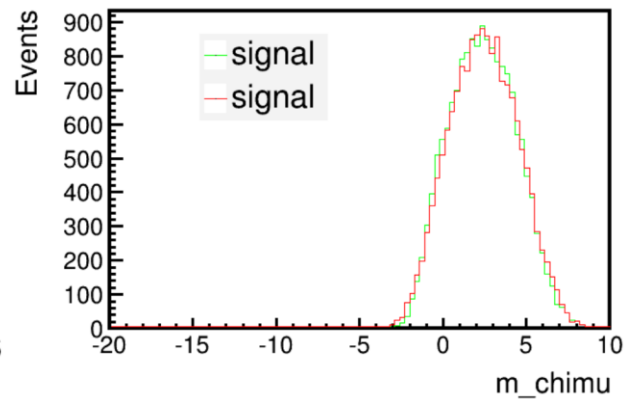
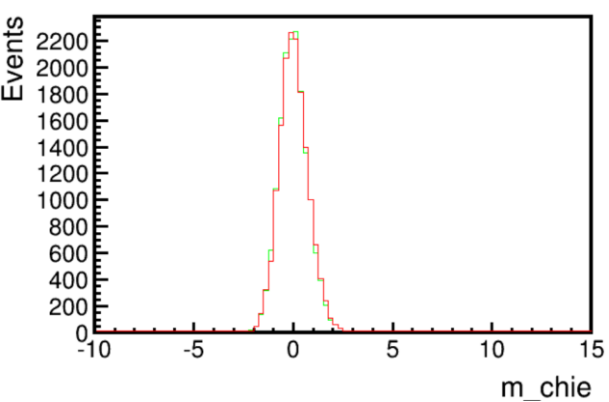


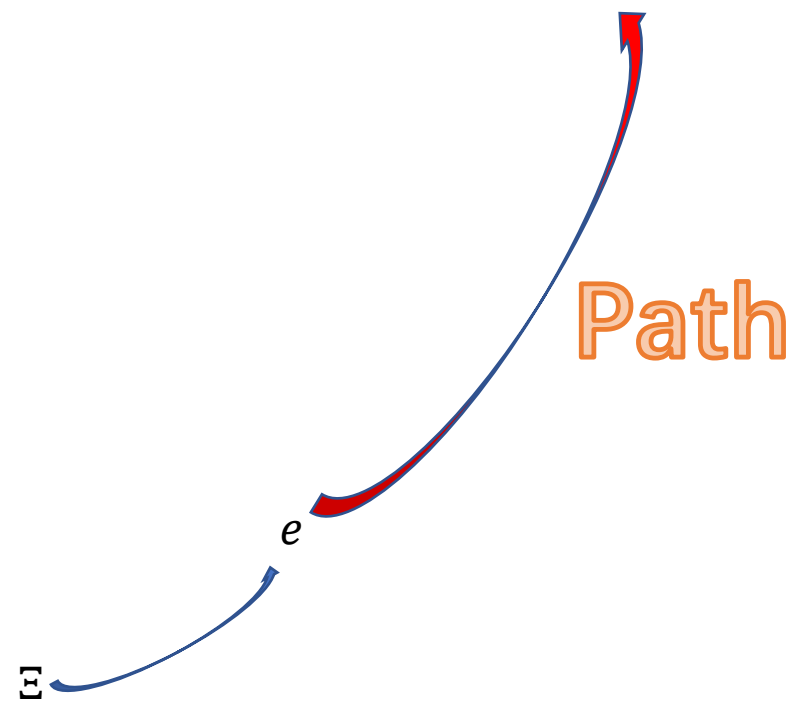
不同decay length下动量分bin的效率差异

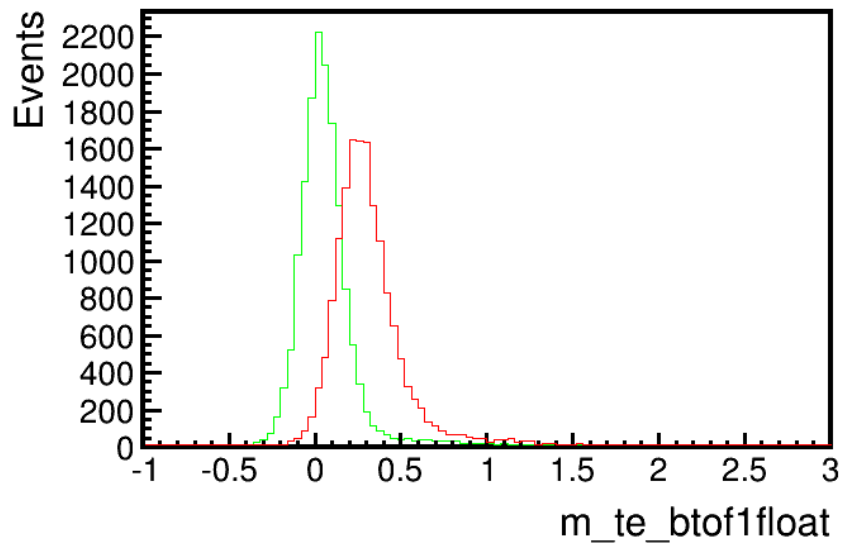


不同decay length下的tof notof比例

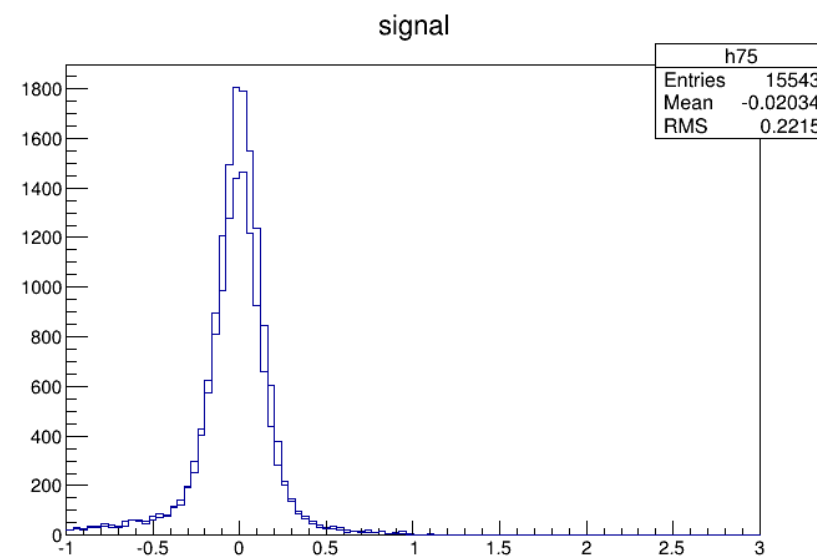
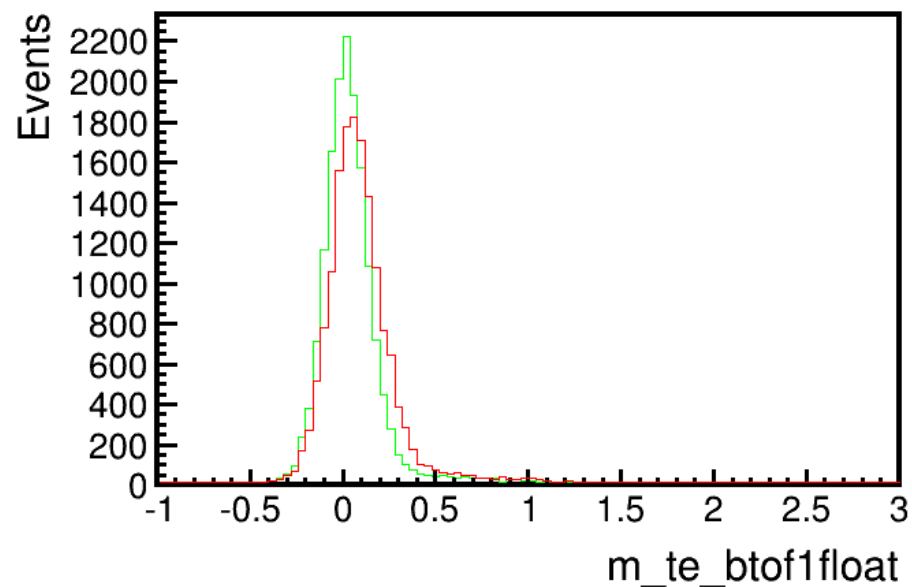
```
τ=500000  
nsig=213436  
我的图图呢?  
notof_510000= 15338  
tof_510000= 13389  
notof_510000_BDTG= 7157  
tof_510000_BDTG= 8986  
notof_01= 27720  
tof_01= 16091  
notof_01_BDTG= 15622  
tof_01_BDTG= 14698  
root [1]
```



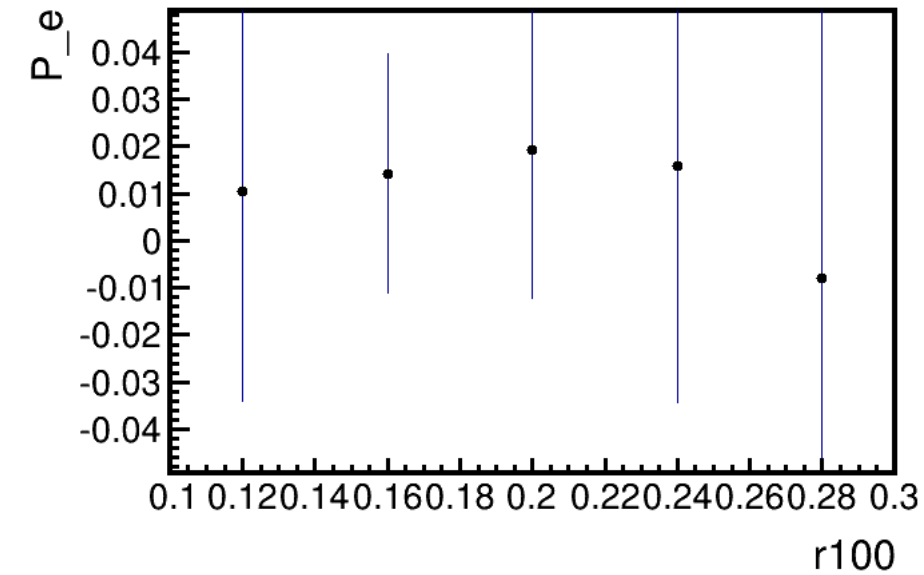




t测量(Xi飞行时间)- t预期(Path/velocity)



Tof corr + nster



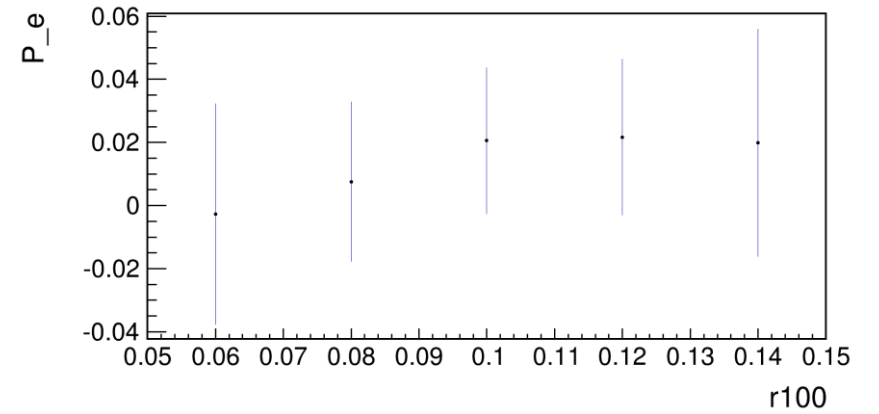
```
root [13] somemass→Draw("Umissf","probe/(probe+probmu+probpi)>0.993")
(Long64_t)76609
root [14] somemass→Draw("Umissf","BDTG>0.775")
(Long64_t)76653
root [15]
```

```
root [1] somemass→Draw("Umissf","probe/(probe+probmu+probpi)>0.993")
Info in <TCanvas::MakeDefCanvas>: created default TCanvas with name c1
(Long64_t)1784
root [2] somemass→Draw("Umissf","BDTG>0.775")
(Long64_t)540
root [3]
```

noTof

```
(Long64_t)119907
root [9] somemass→Draw("Umissf","probe/(probe+probmμ+probpi)>0.993")
(Long64_t)119907
root [10] somemass→Draw("Umissf","BDTD>0.008")
(Long64_t)119387
root [11] █
```

```
root [1] somemass→Draw("Umissf","probe/(probe+probmμ+probpi)>0.993")
Info in <TCanvas::MakeDefCanvas>:  created default TCanvas with name c1
(Long64_t)19518
root [2] somemass→Draw("Umissf","BDTD>0.008")
(Long64_t)13144
root [3] █
```



Traditional PID with tof

