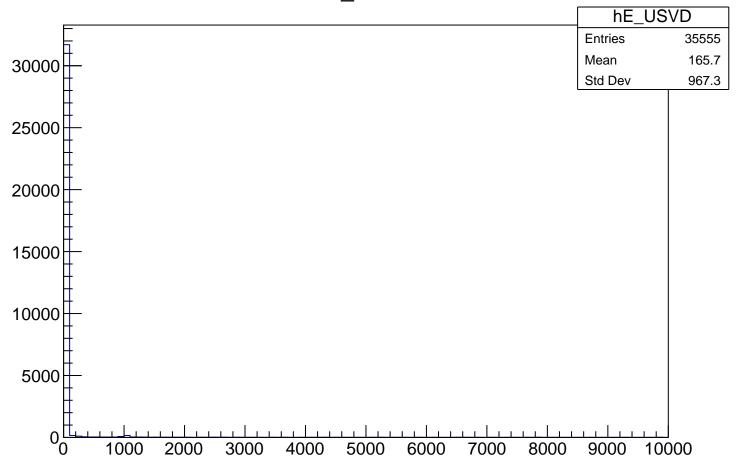
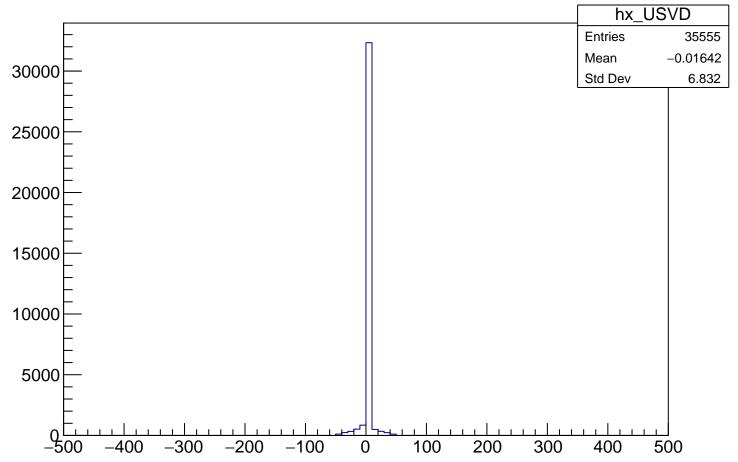
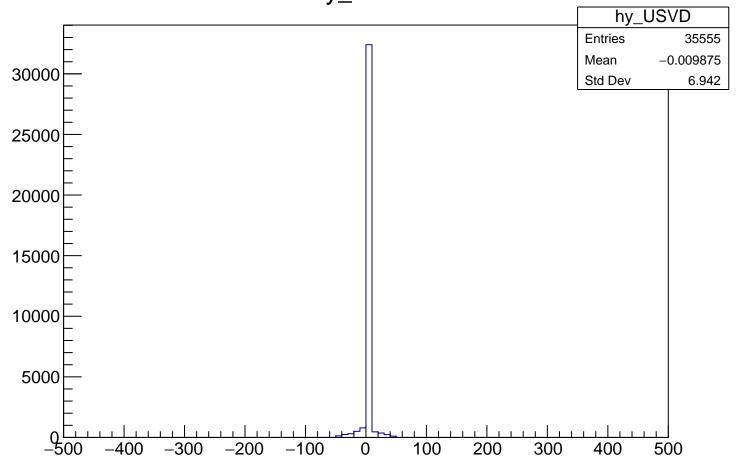
hE\_USVD



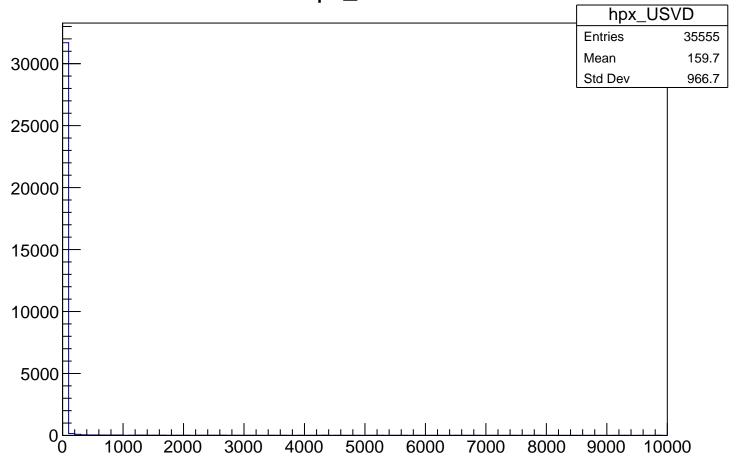
hx\_USVD



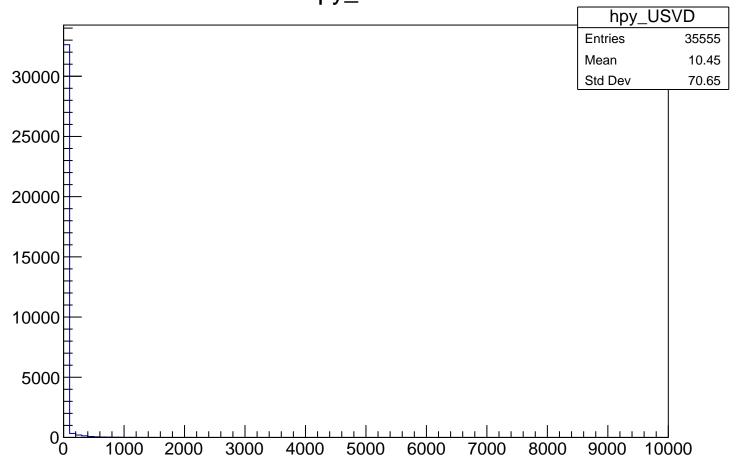
hy\_USVD



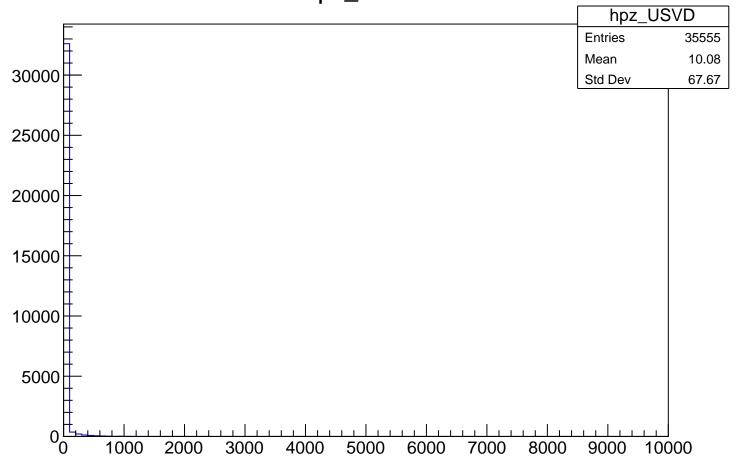
hpx\_USVD



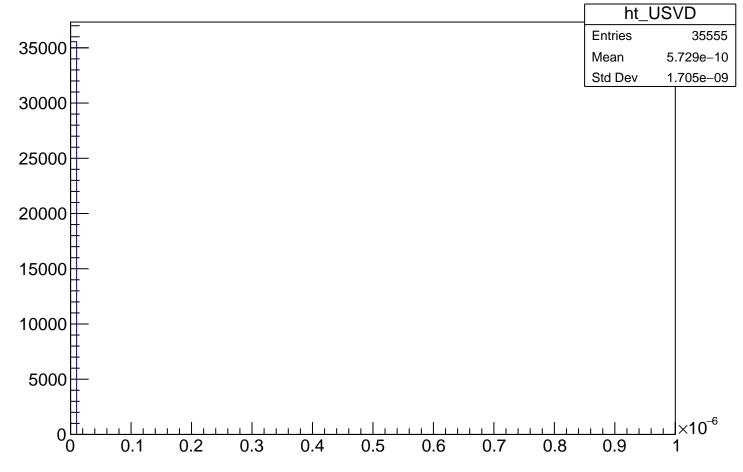
hpy\_USVD



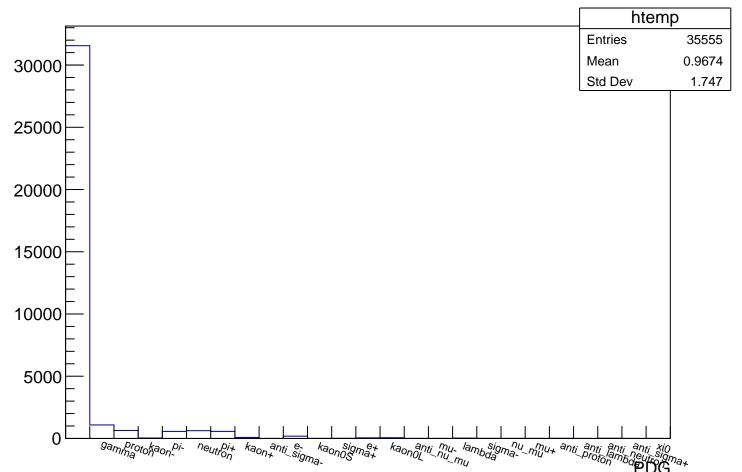
hpz\_USVD



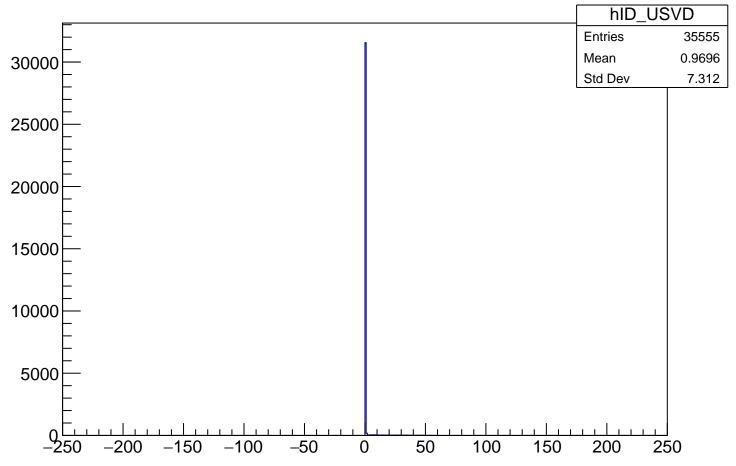
#### ht\_USVD



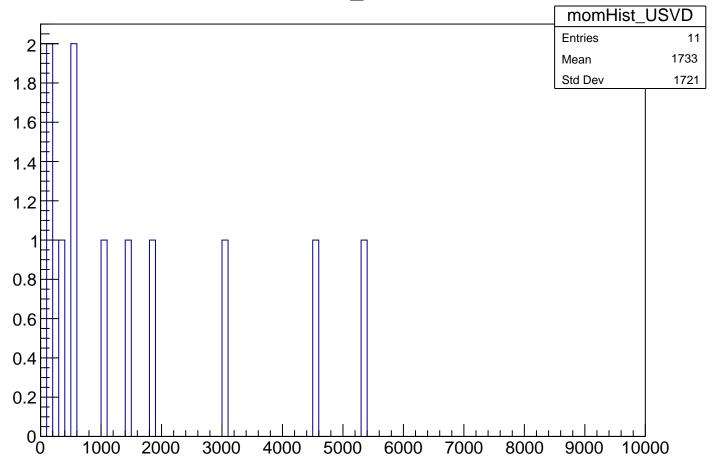
**PDG** 



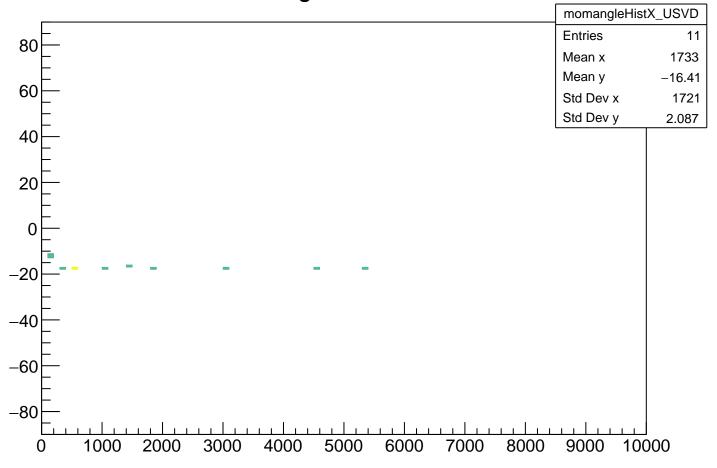
hID\_USVD



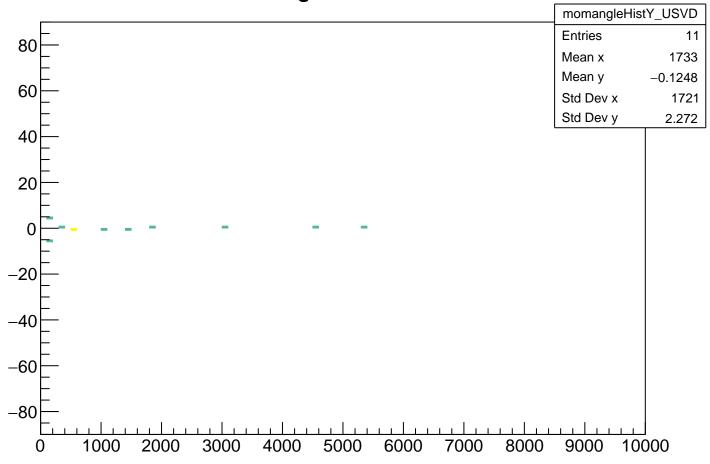
momHist\_USVD



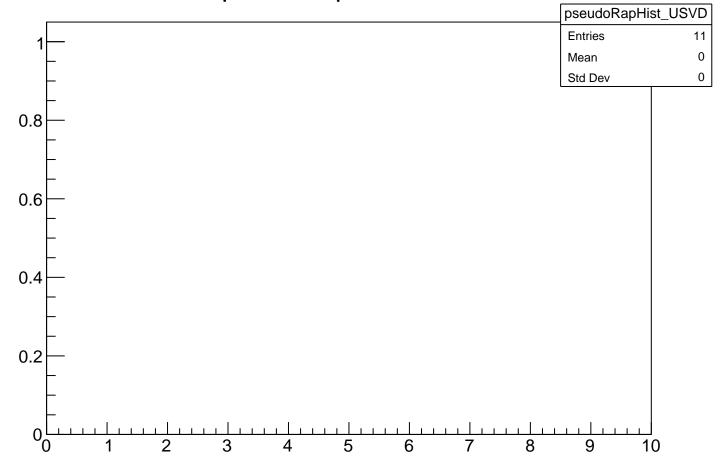
momangleHistX\_USVD



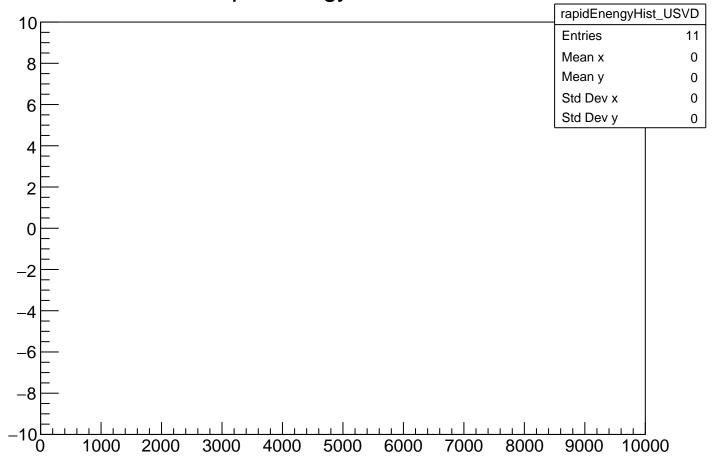
momangleHistY\_USVD



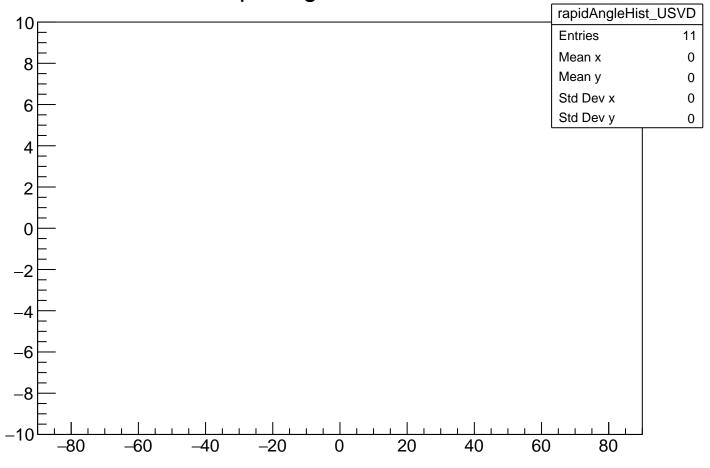
# pseudoRapHist\_USVD



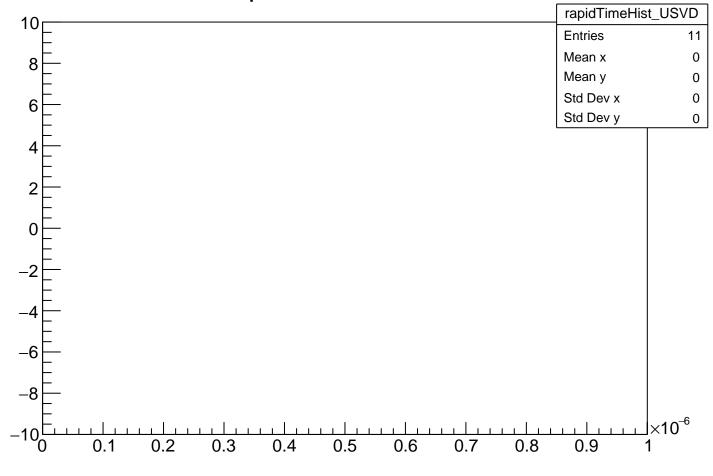
rapidEnengyHist\_USVD



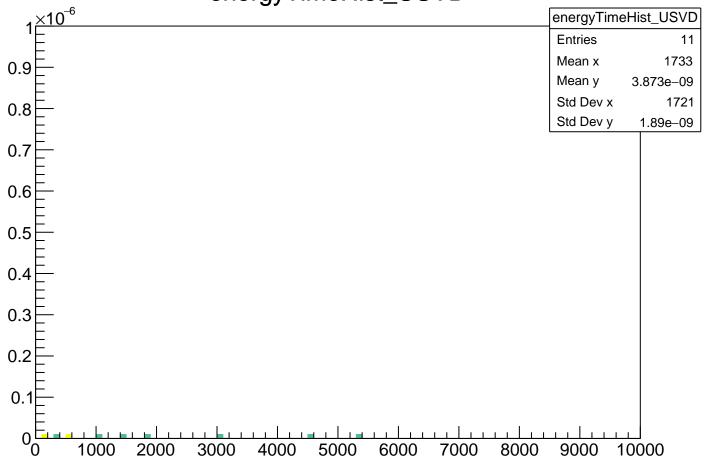
# rapidAngleHist\_USVD



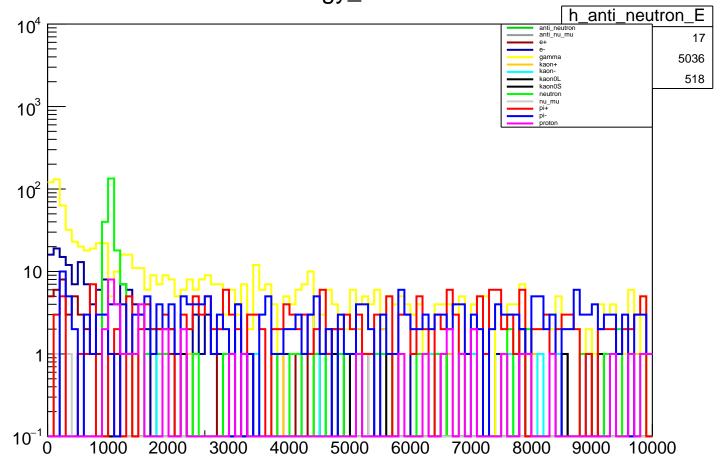
# rapidTimeHist\_USVD



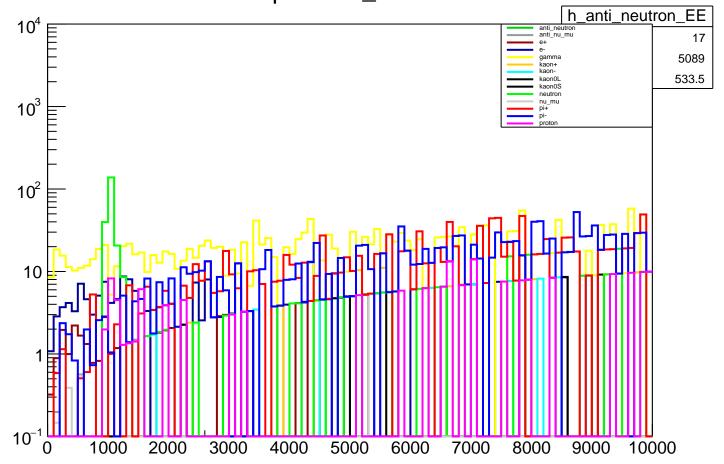
energyTimeHist\_USVD



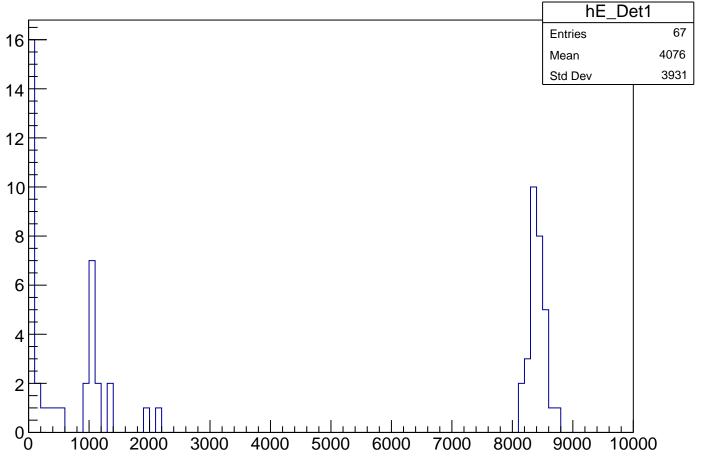
Energy\_USVD

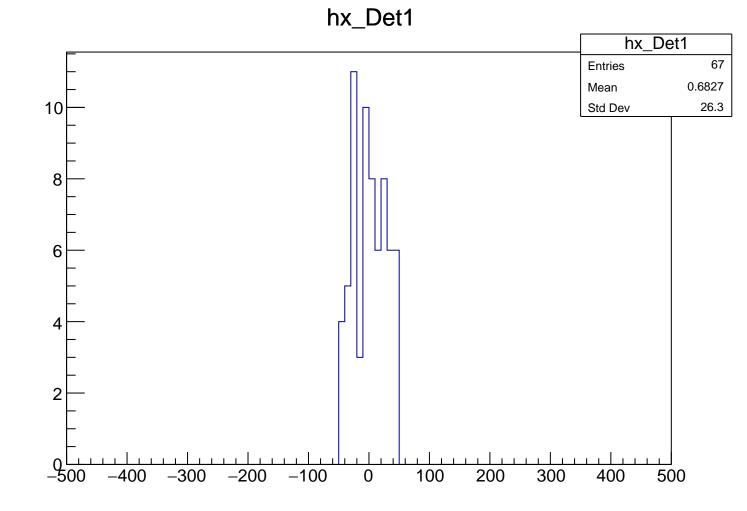


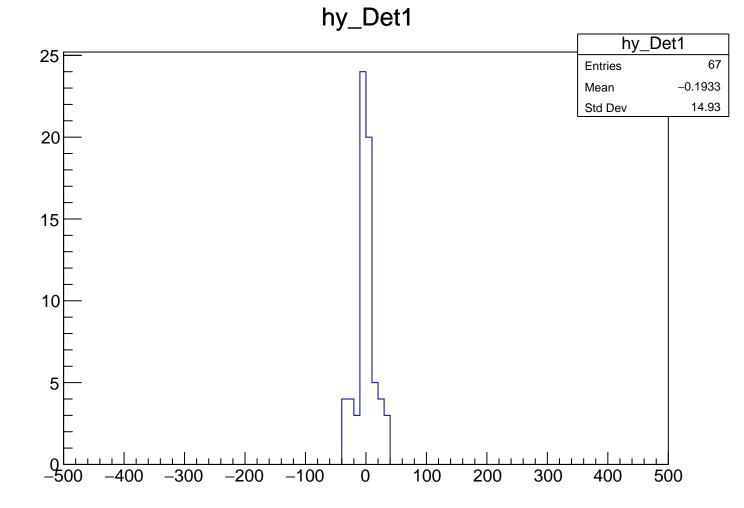
Spectrum\_USVD



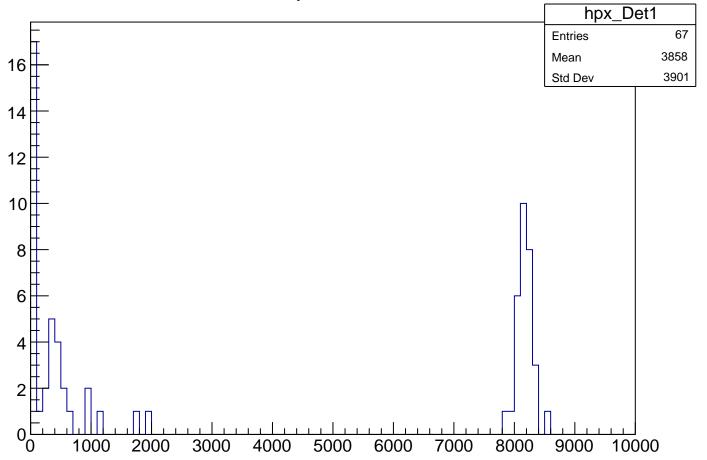
hE\_Det1



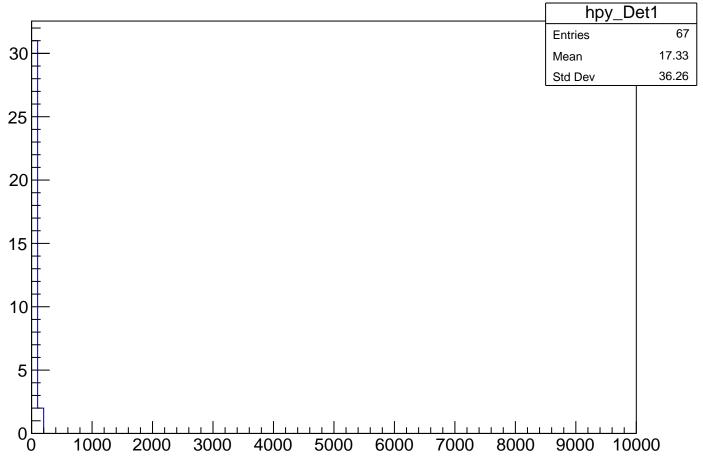




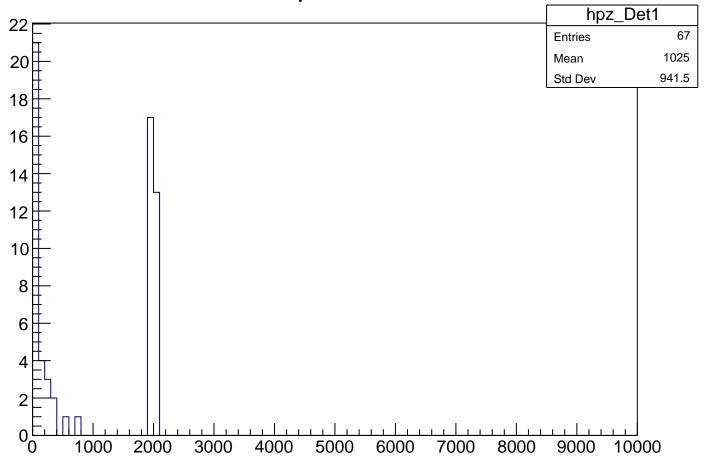
hpx\_Det1



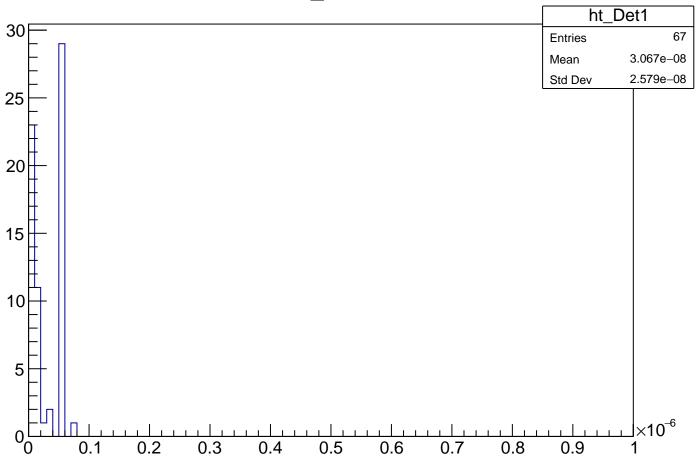
hpy\_Det1



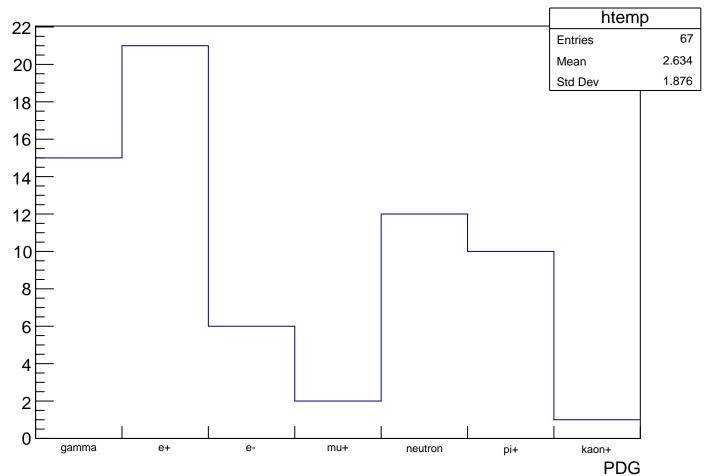
hpz\_Det1



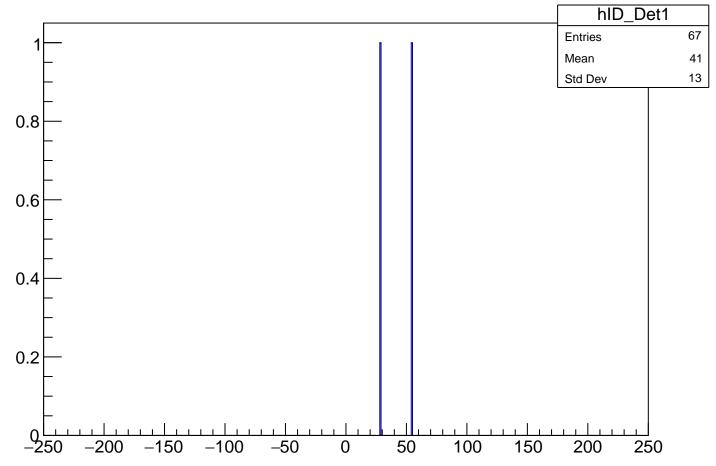
ht\_Det1



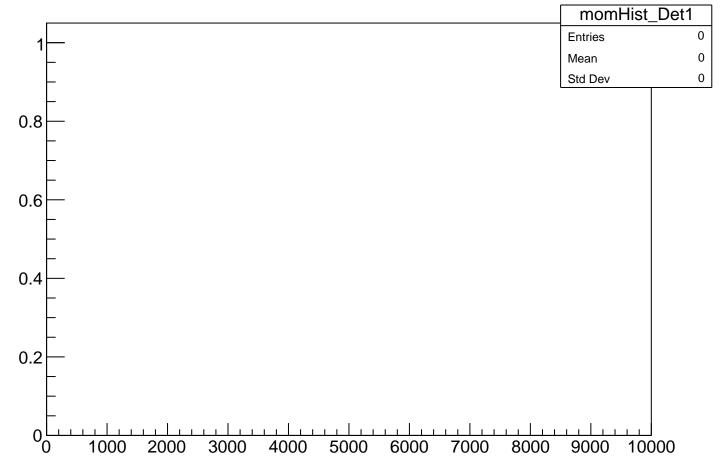
PDG



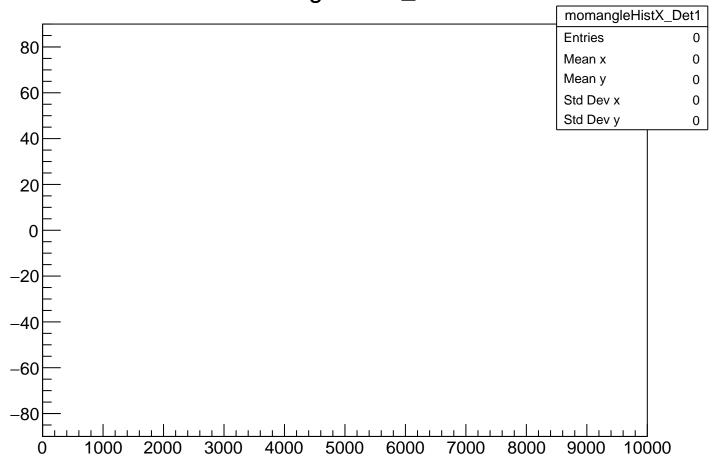
### hID\_Det1



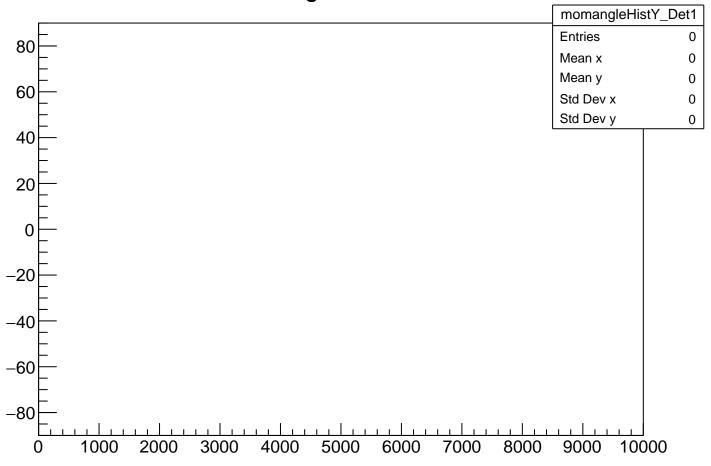
### momHist\_Det1



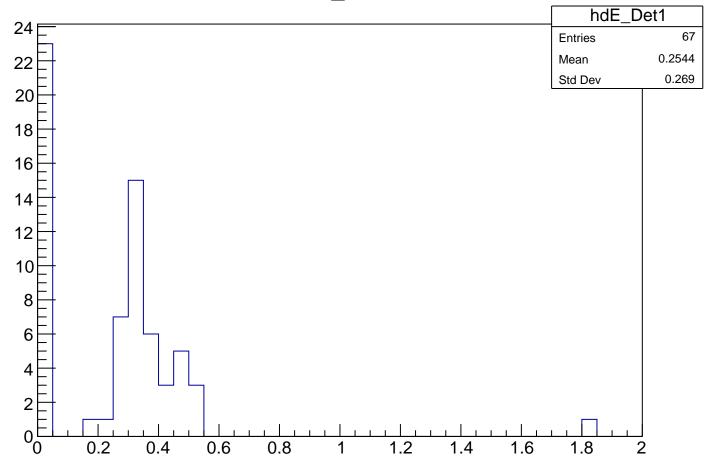
### momangleHistX\_Det1



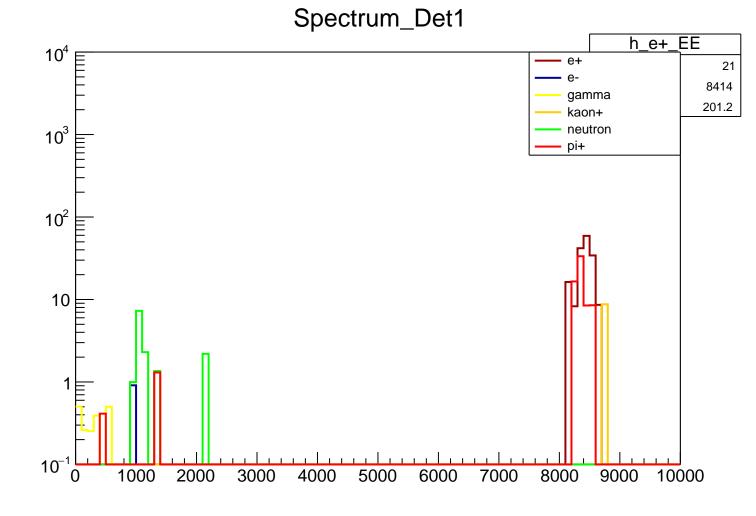
### momangleHistY\_Det1



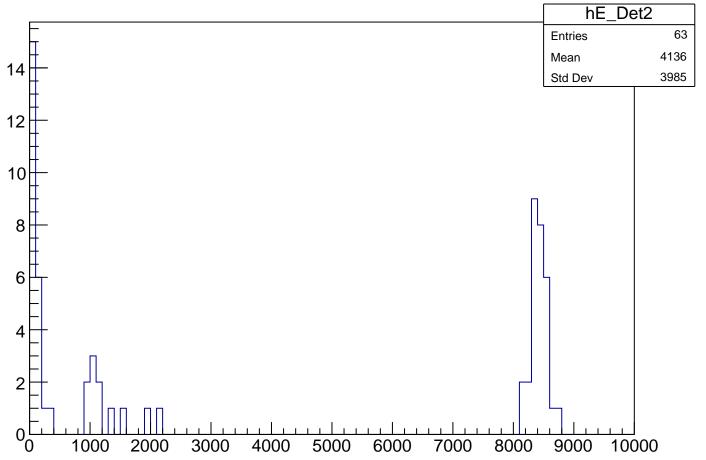
#### hdE\_Det1

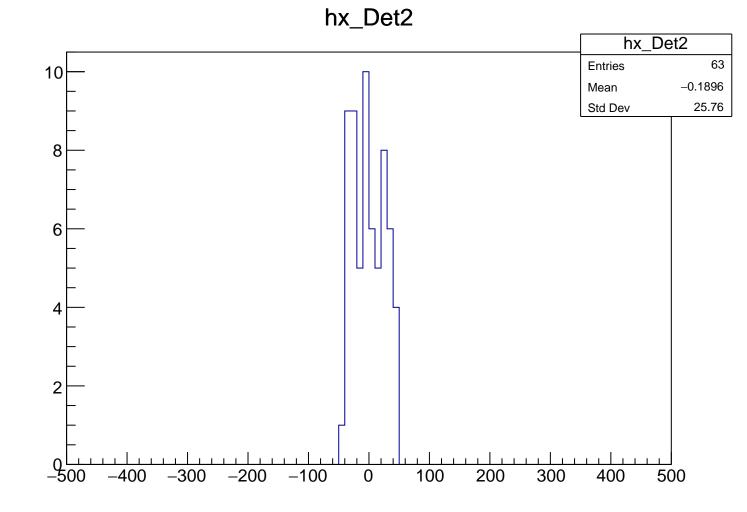


Energy\_Det1 h\_e+\_E 10<sup>4</sup> e+ 21 8017 gamma 1783 kaon+ 10<sup>3</sup> neutron pi+ 10<sup>2</sup> 10 10<sup>-1</sup> 0 1000 2000 8000 9000 3000 4000 5000 6000 7000 10000



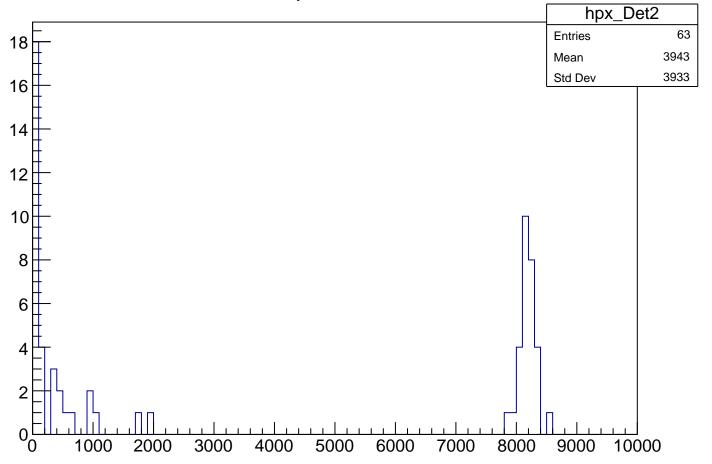




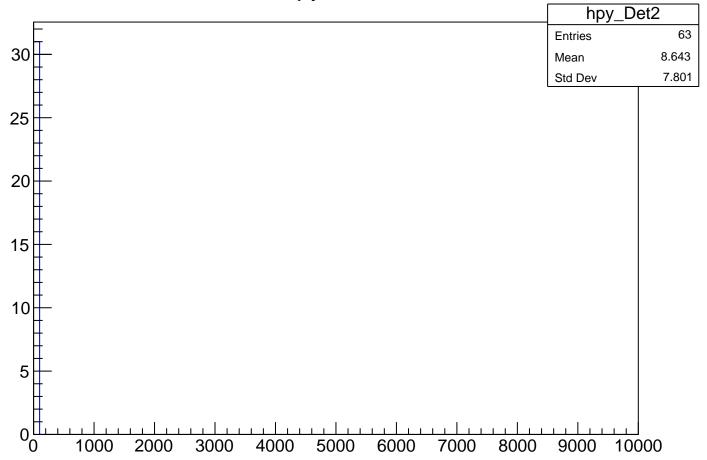


hy\_Det2 hy\_Det2 63 Entries 22 -2.454Mean 20 15.44 Std Dev 18 16 14 12 10 8 6 4 2 \_500 -300-200 -100100 200 300 500 -400400 0

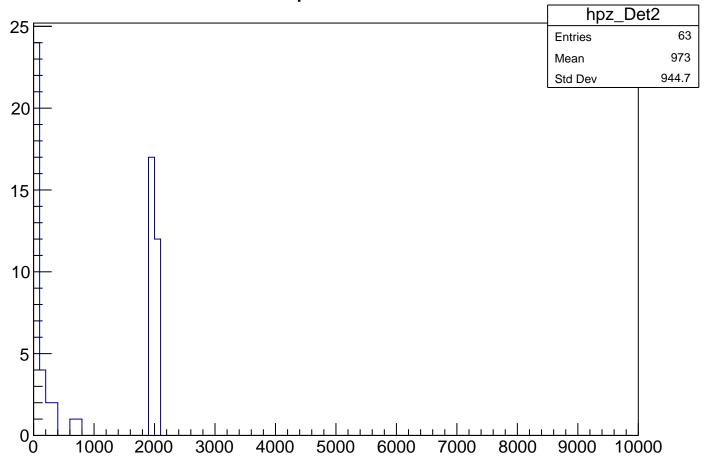
hpx\_Det2



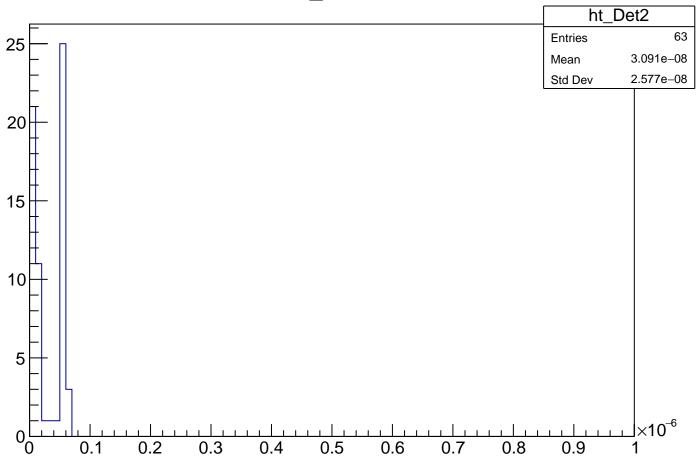
hpy\_Det2



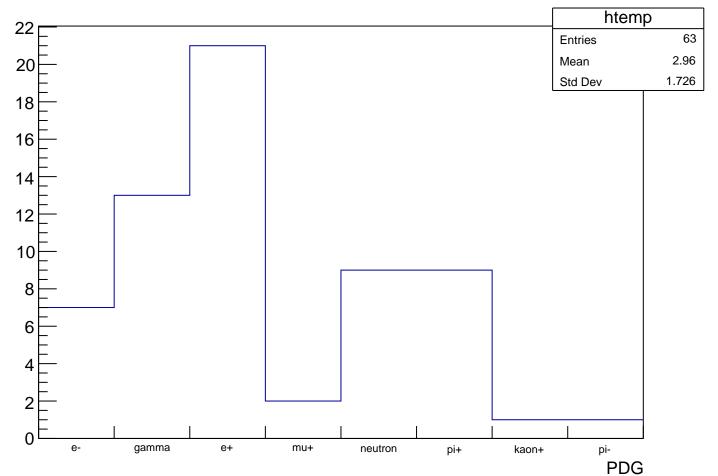
hpz\_Det2



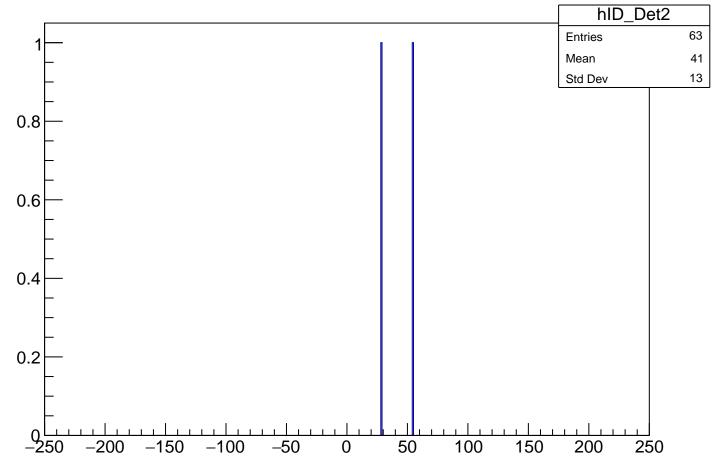
ht\_Det2



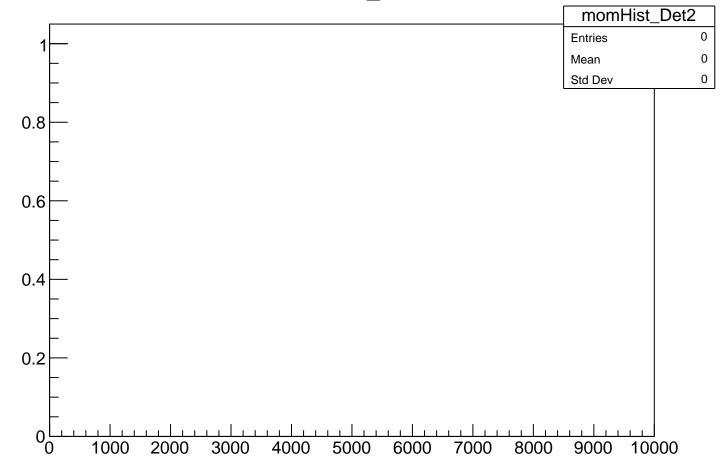
PDG



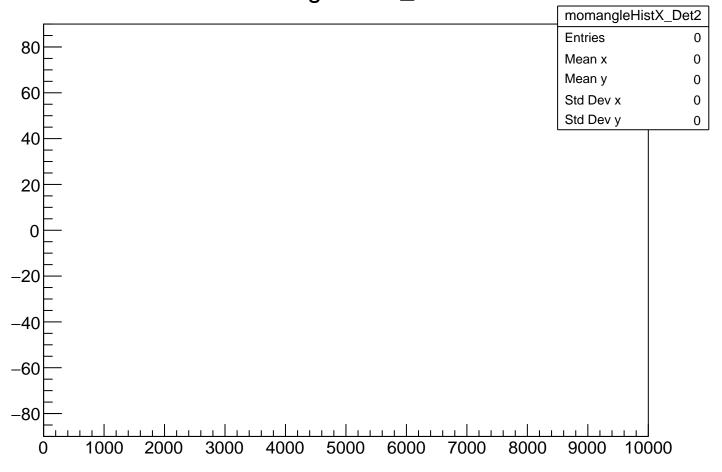
# hID\_Det2



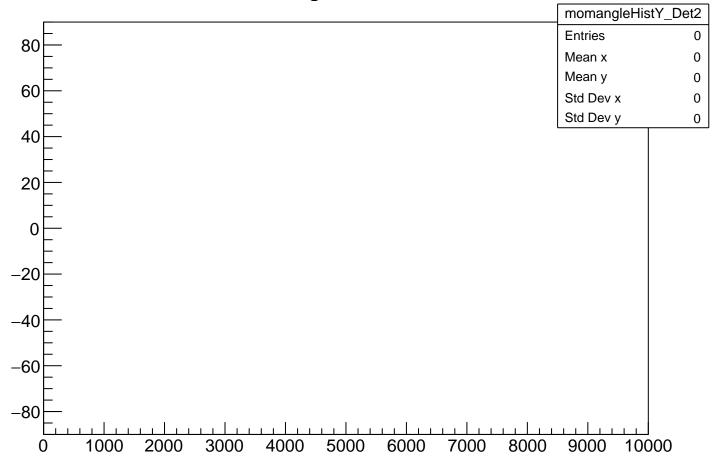
# momHist\_Det2



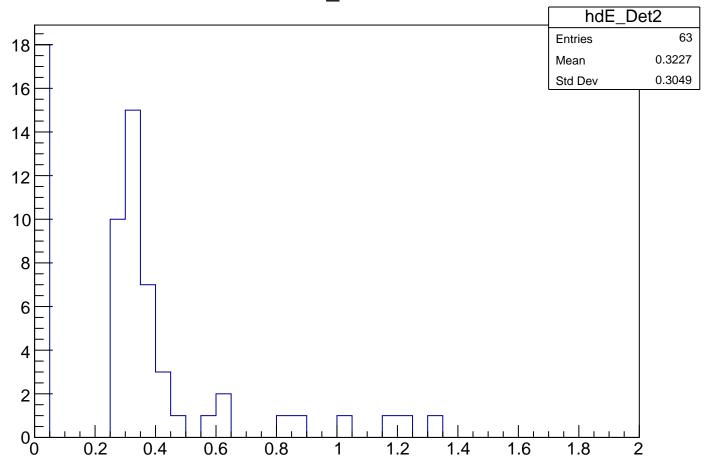
# momangleHistX\_Det2



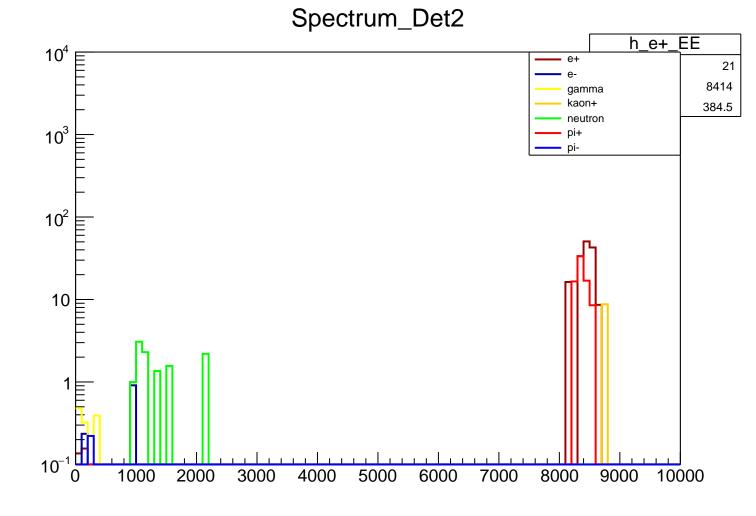
# momangleHistY\_Det2



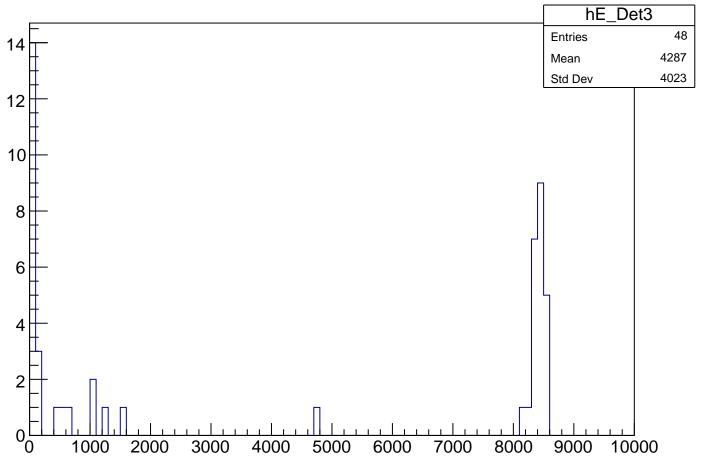
hdE\_Det2

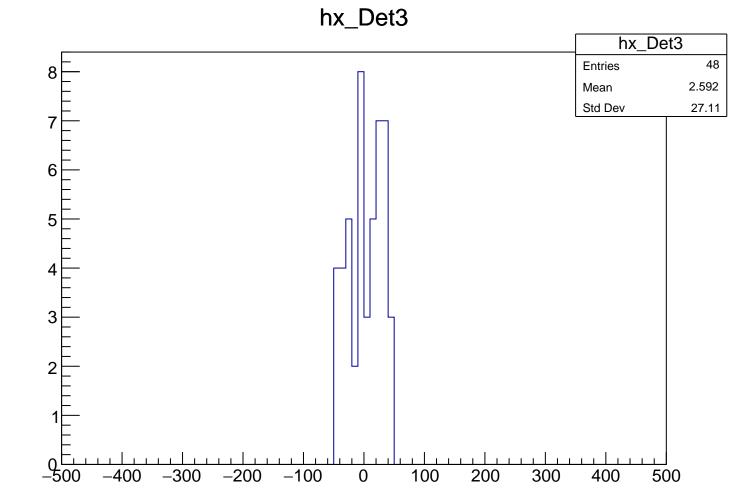


Energy\_Det2 h\_e+\_E 10<sup>4</sup> e+ 21 7238 gamma kaon+ 2917 neutron 10<sup>3</sup> pi+ – pi-10<sup>2</sup> 10 10<sup>-1</sup> 0 2000 1000 8000 3000 4000 5000 6000 7000 9000 10000

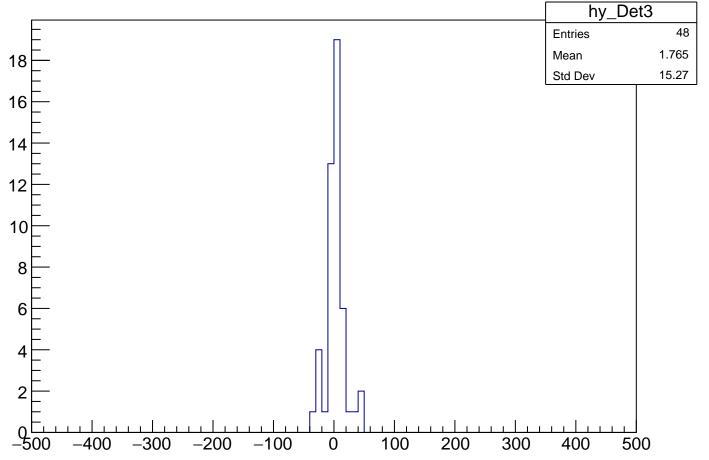


hE\_Det3

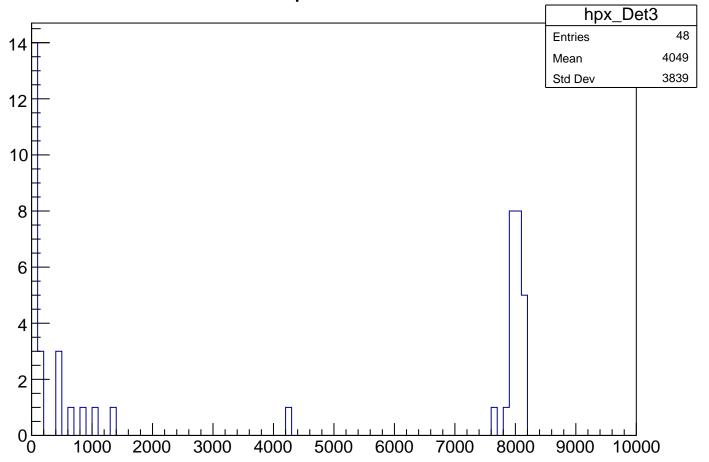




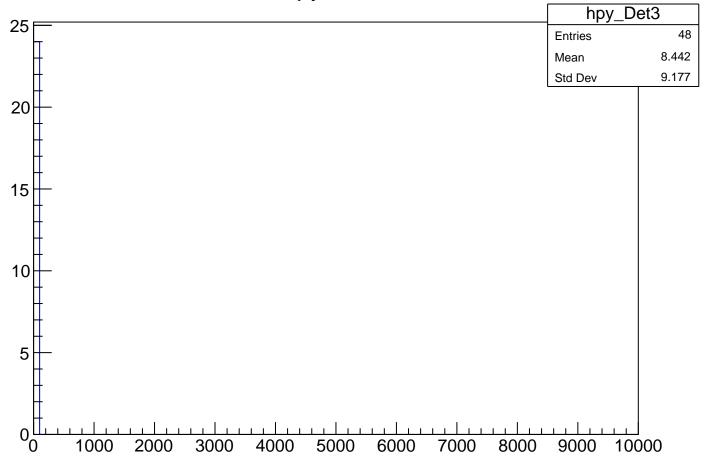
hy\_Det3



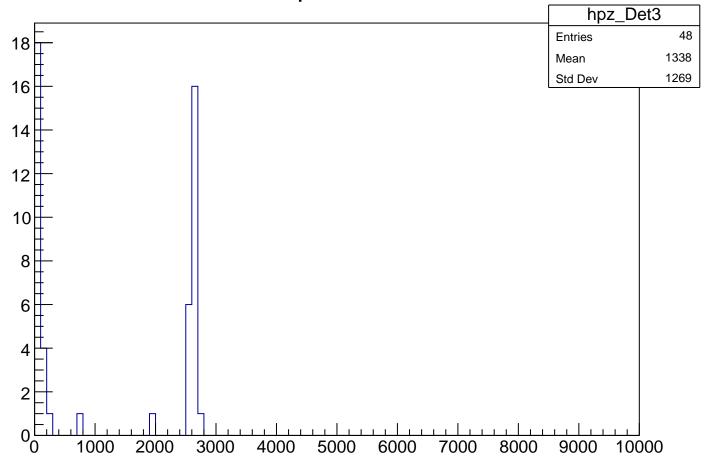
hpx\_Det3



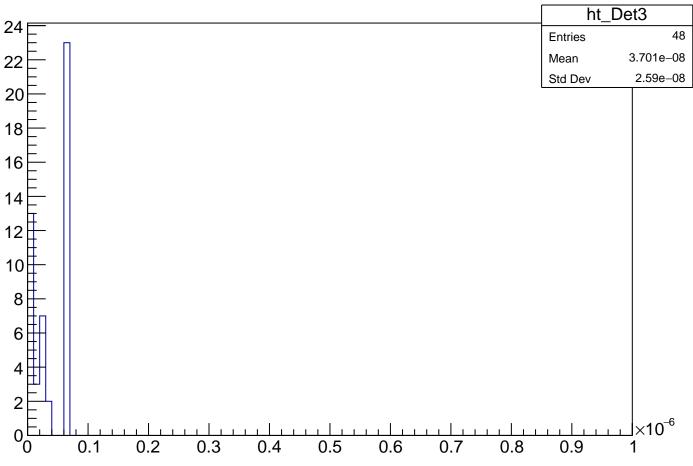
hpy\_Det3



hpz\_Det3



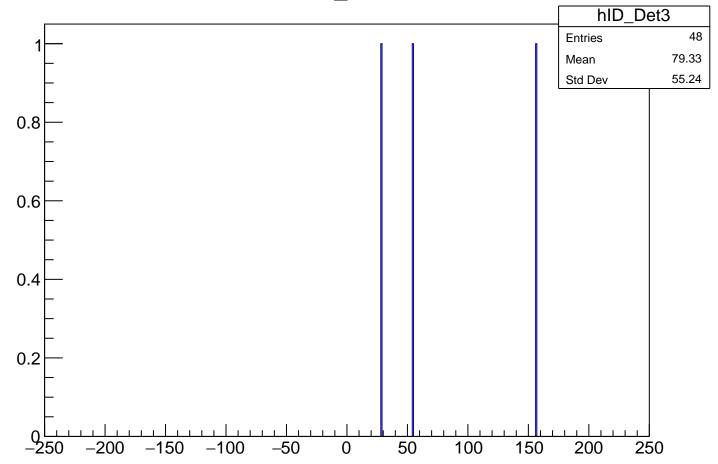
ht\_Det3



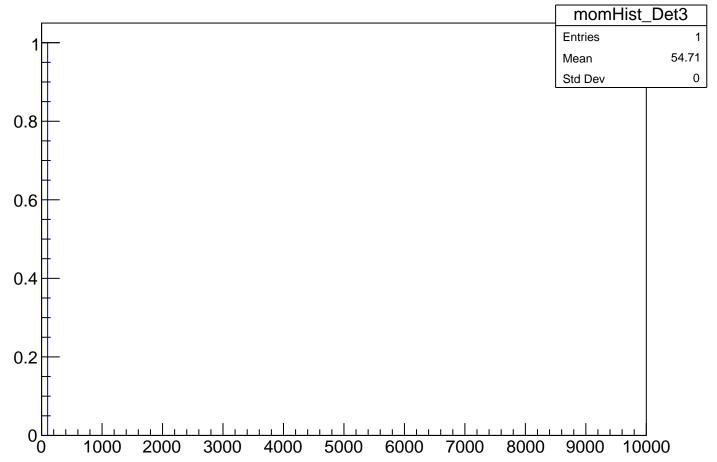
PDG htemp 48 Entries 18 1.688 Mean 1.302 Std Dev 16 14 12 10 8 6 4 2 gamma e+ epi+ neutron anti\_nu\_mu

**PDG** 

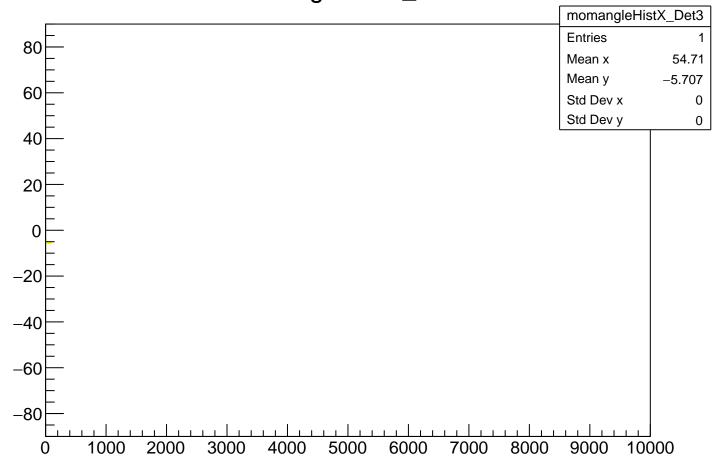
hID\_Det3



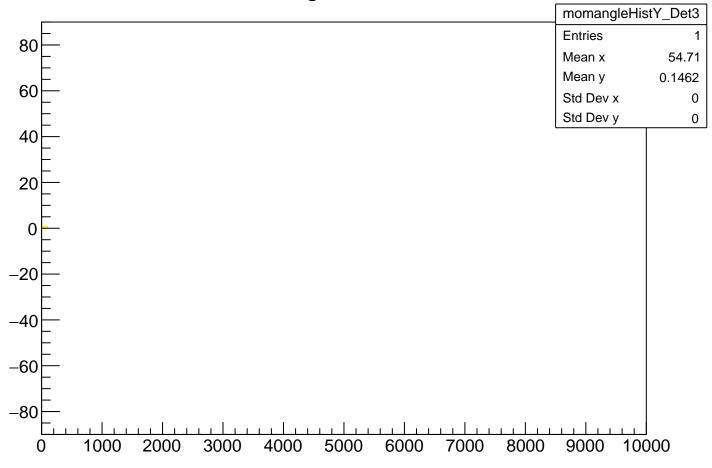
momHist\_Det3



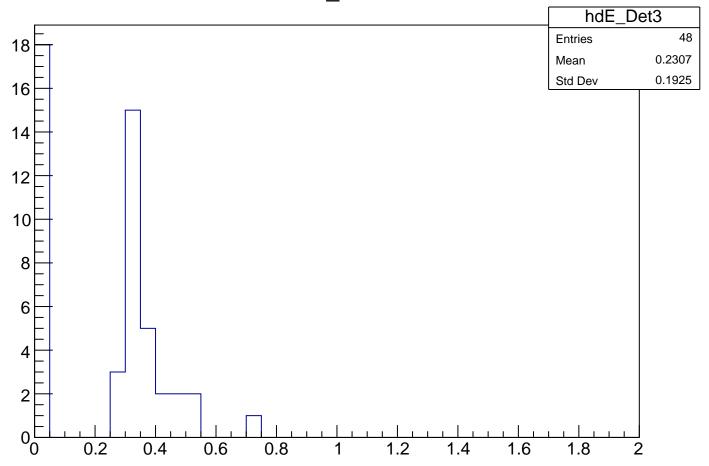
# momangleHistX\_Det3



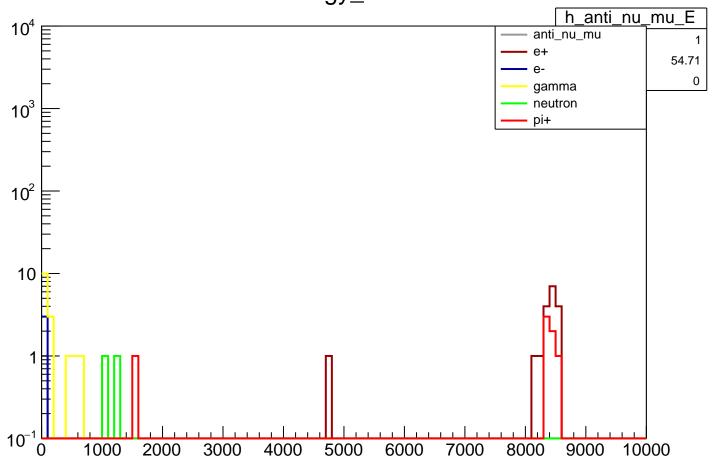
# momangleHistY\_Det3



hdE\_Det3

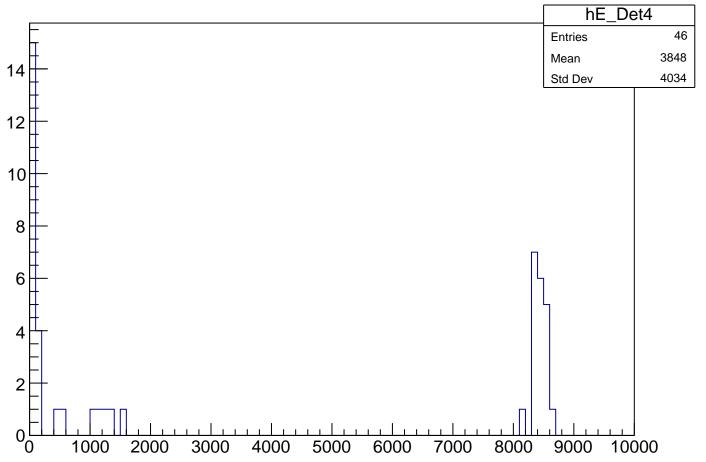


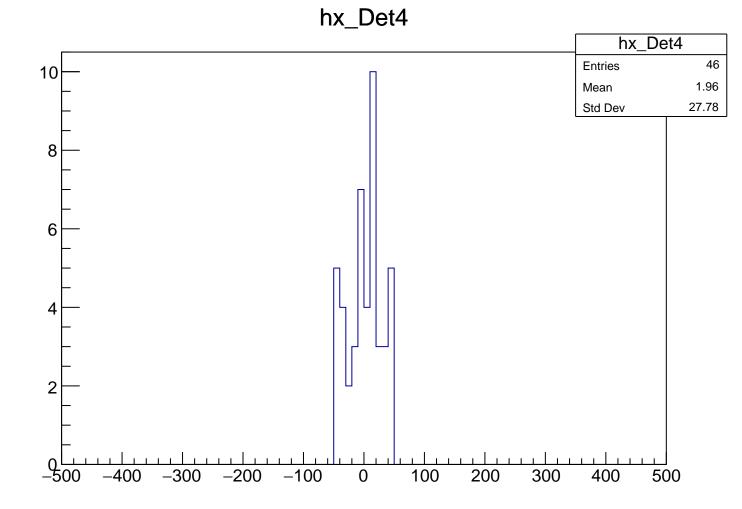
Energy\_Det3



Spectrum\_Det3 h\_anti\_nu\_mu\_EE 10<sup>4</sup> anti\_nu\_mu e+ 54.71 0 gamma 10<sup>3</sup> neutron pi+ 10<sup>2</sup> 10  $10^{-1}$ 1000 2000 8000 3000 4000 5000 6000 7000 9000 10000

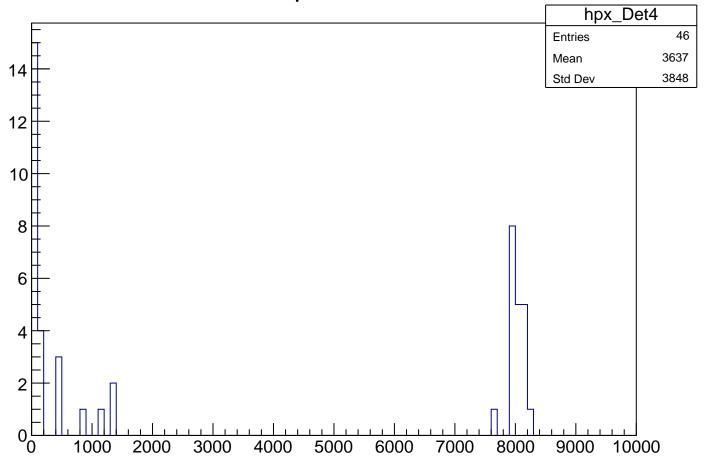




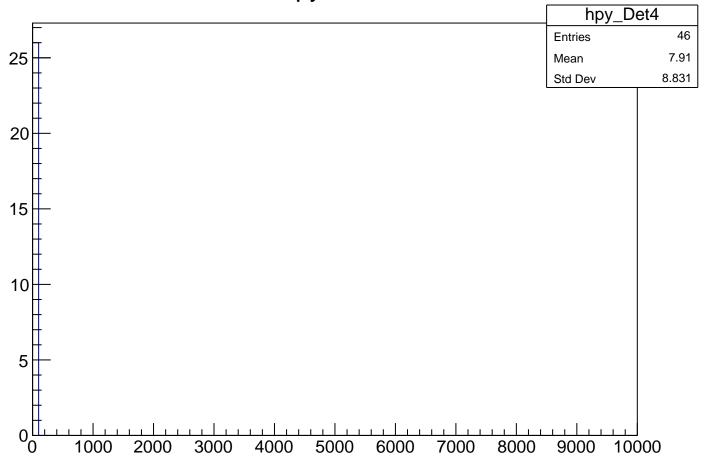


hy\_Det4 hy\_Det4 46 Entries 20 1.864 Mean Std Dev 12.62 18 16 14 12 10 8 6 4 2 -500 -300 -200 -100100 200 300 500 -4000 400

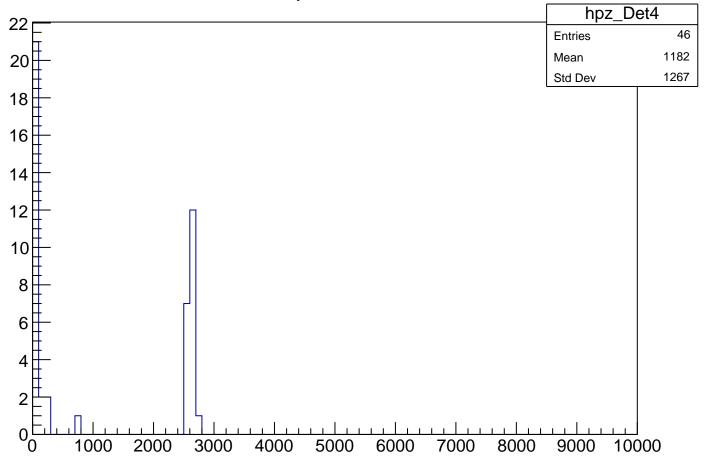
hpx\_Det4



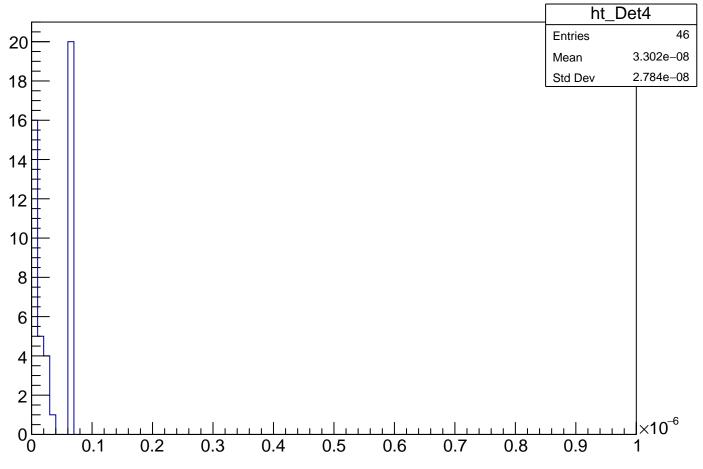
hpy\_Det4



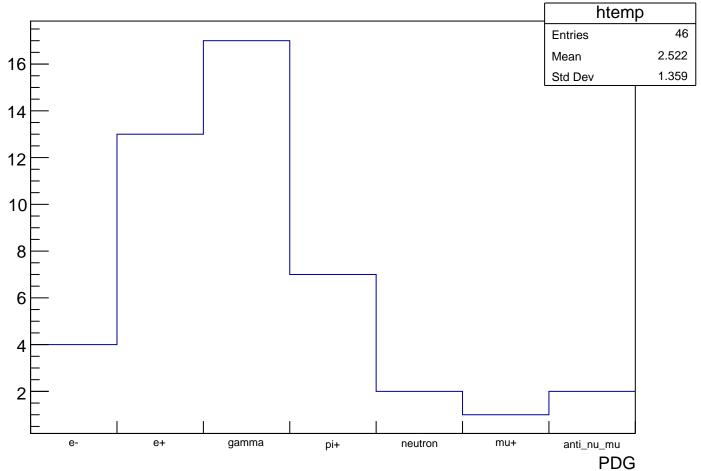
hpz\_Det4



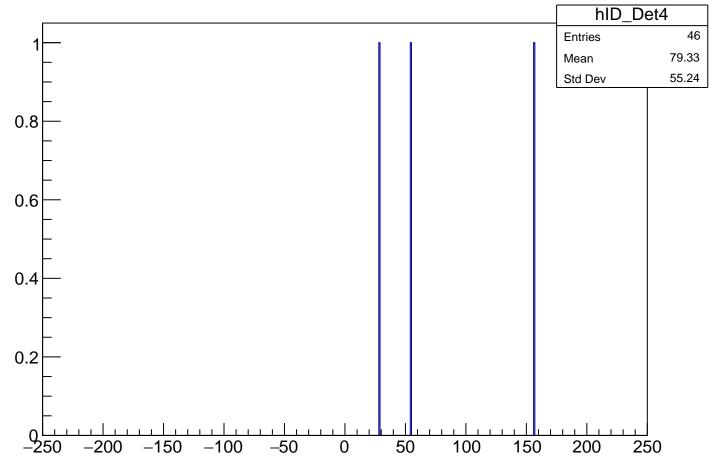




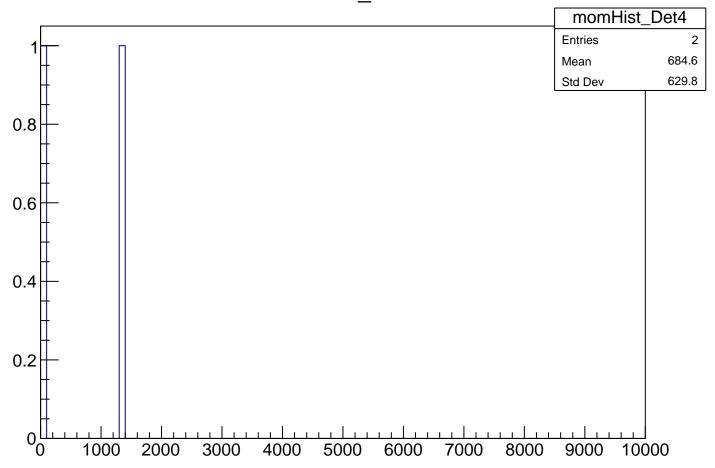
PDG



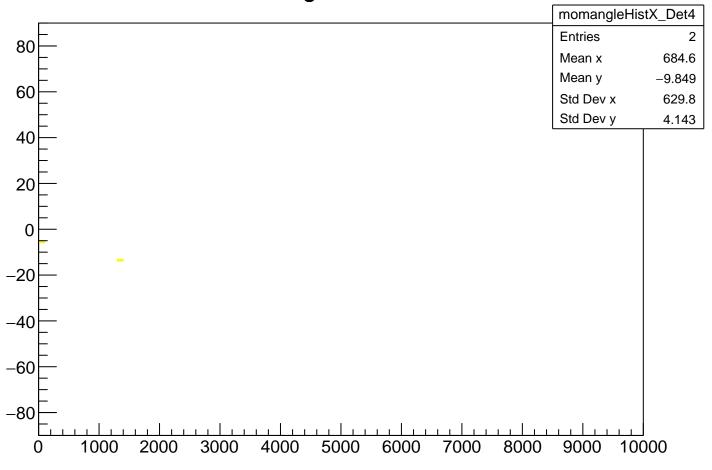
hID\_Det4



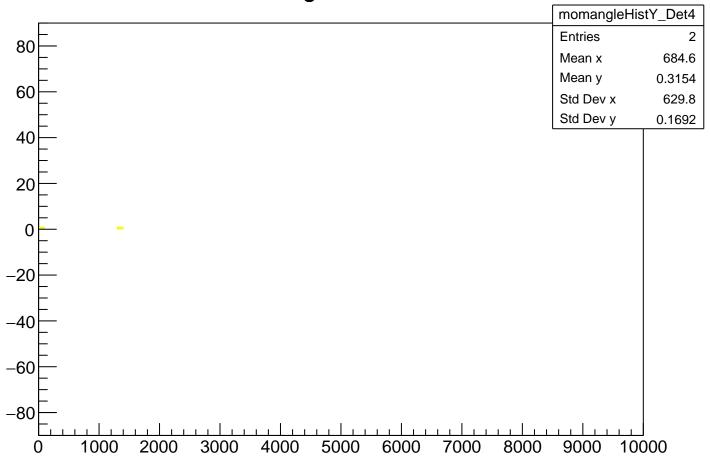
momHist\_Det4



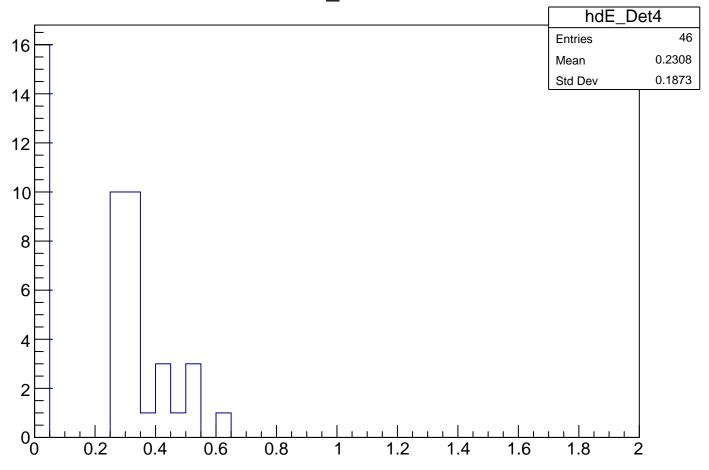
## momangleHistX\_Det4



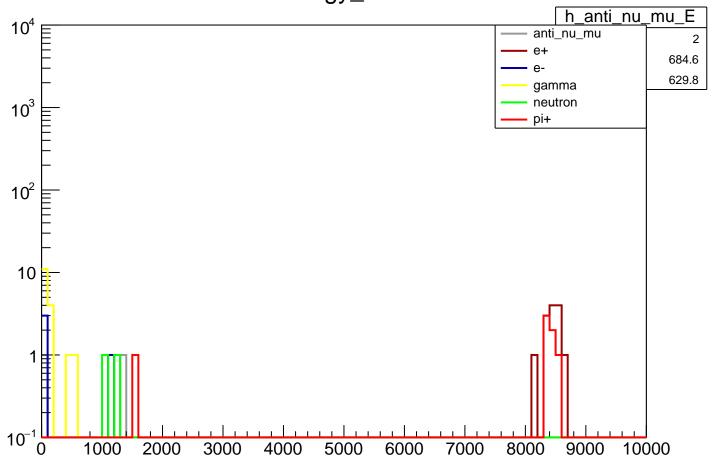
## momangleHistY\_Det4



hdE\_Det4

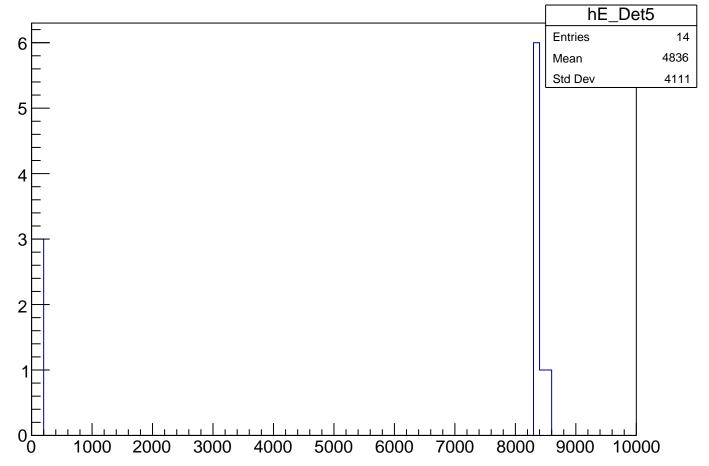


Energy\_Det4

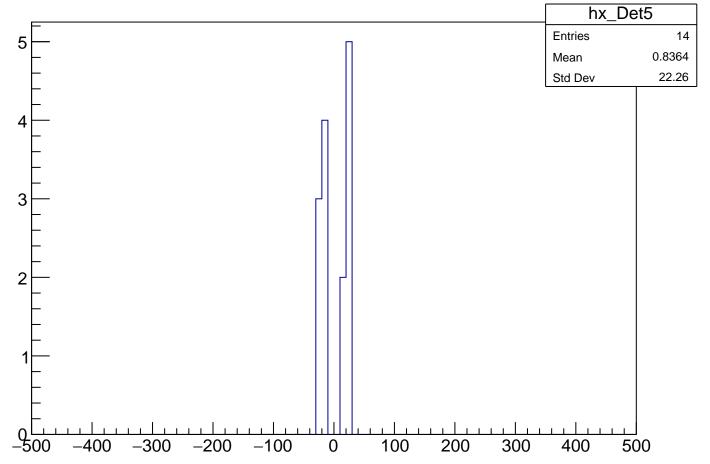


Spectrum\_Det4 h\_anti\_nu\_mu\_EE 10<sup>4</sup> anti\_nu\_mu e+ 1264 246.7 gamma 10<sup>3</sup> neutron pi+ 10<sup>2</sup> 10  $10^{-1}$ 1000 2000 8000 3000 7000 9000 10000 4000 5000 6000

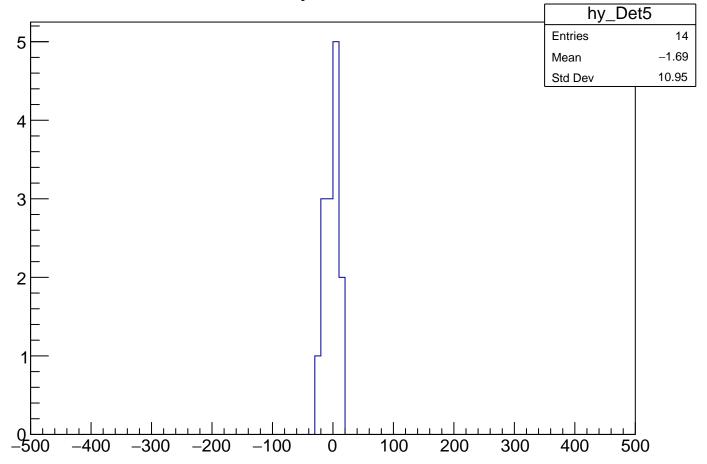
hE\_Det5



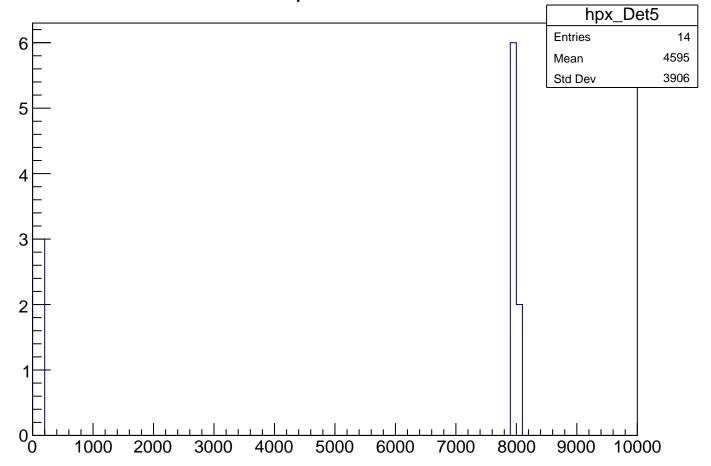




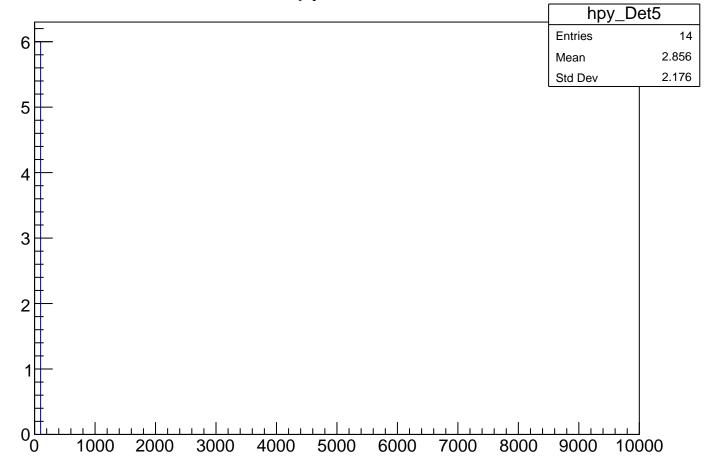
hy\_Det5



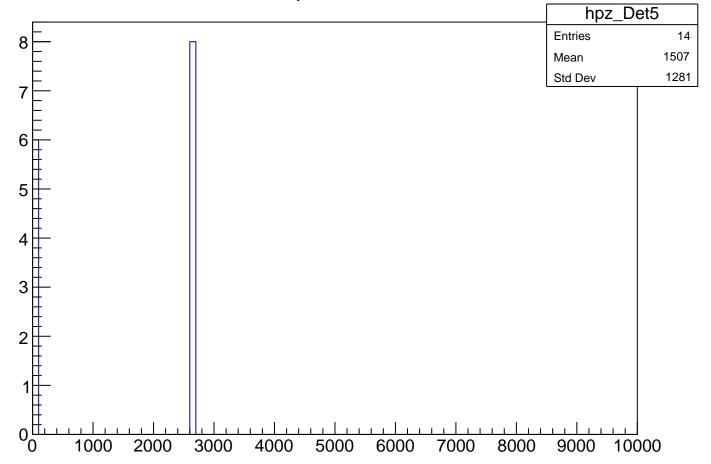
hpx\_Det5



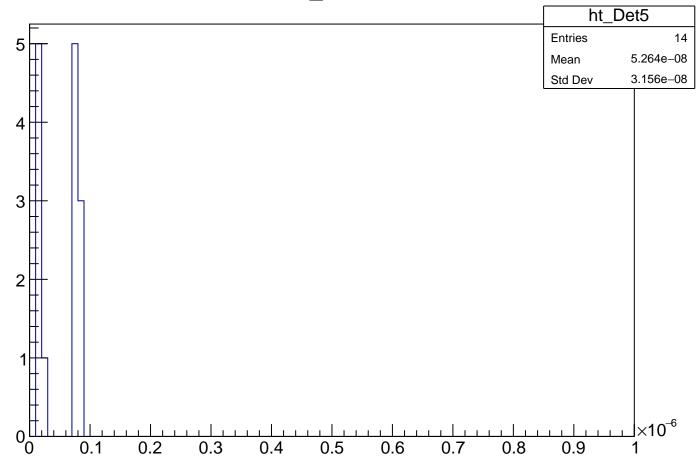
## hpy\_Det5



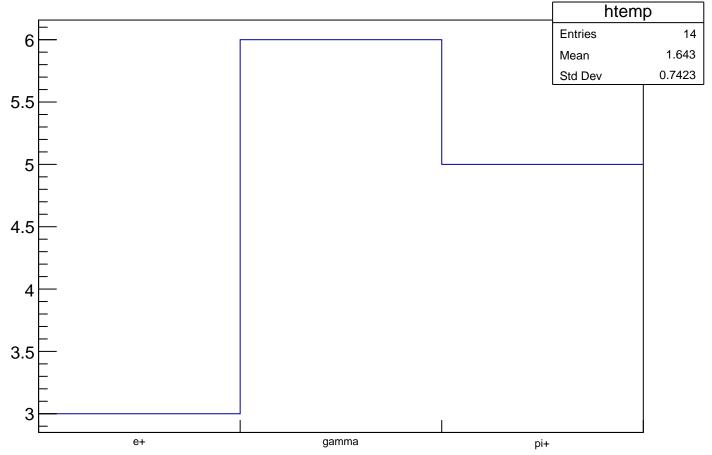
hpz\_Det5



ht\_Det5

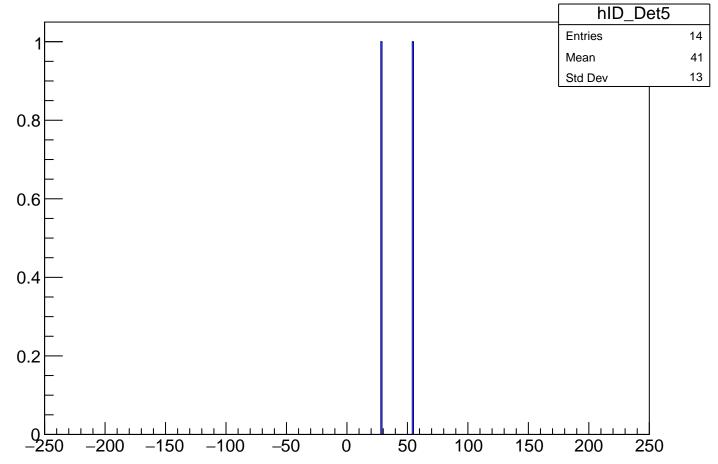


PDG

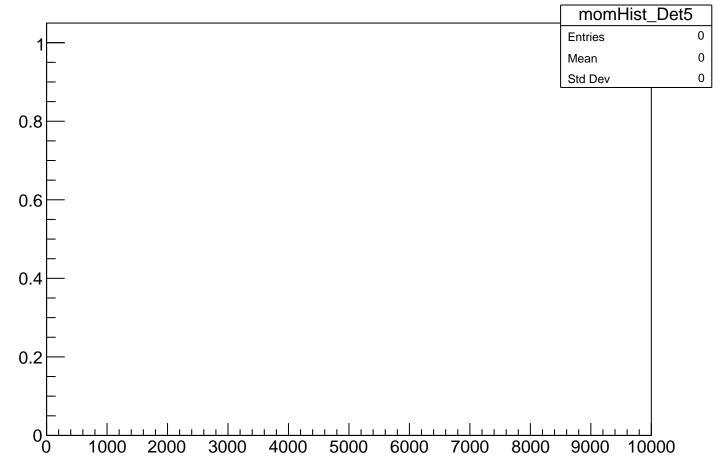


PDG

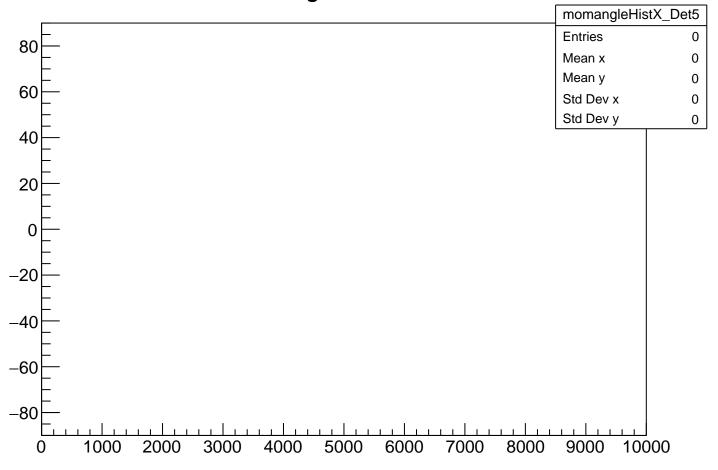
## hID\_Det5



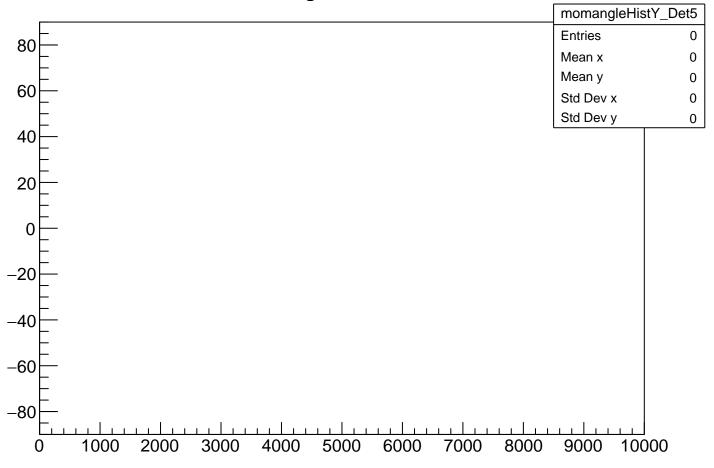
## momHist\_Det5



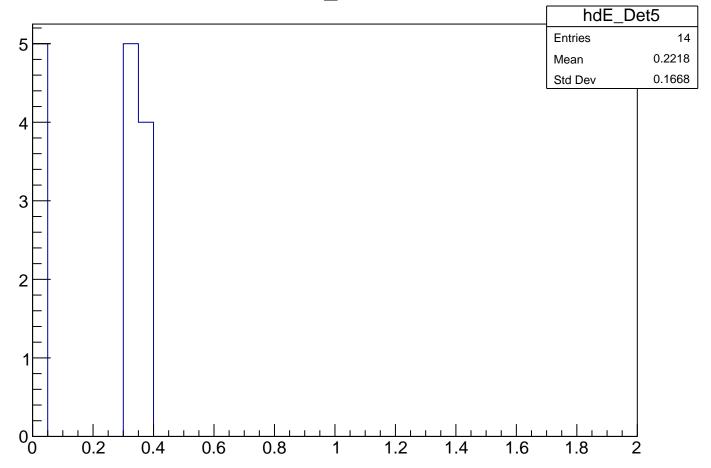
## momangleHistX\_Det5



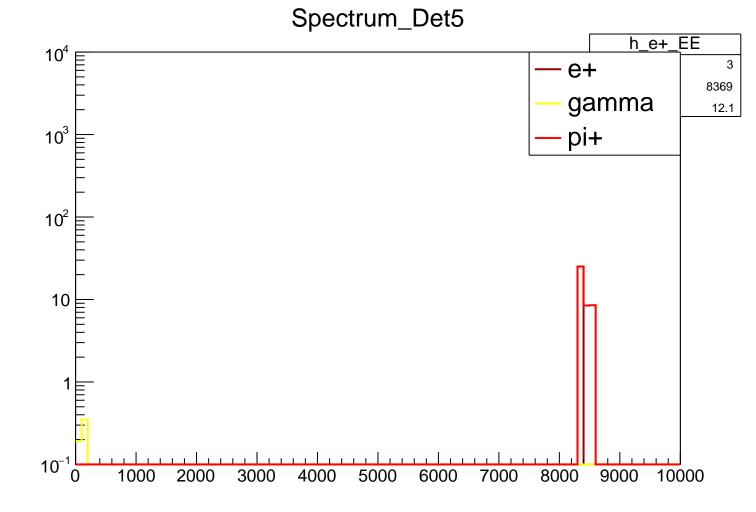
## momangleHistY\_Det5



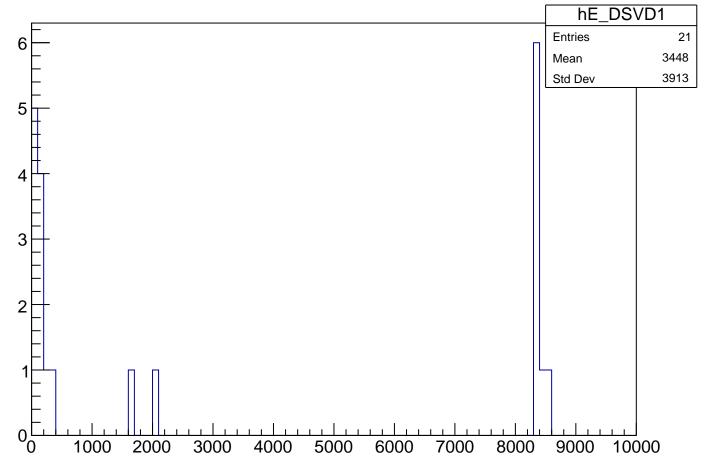
hdE\_Det5



Energy\_Det5 h\_e+\_E 10<sup>4</sup> 3 – e+ 8369 gamma 12.09 10<sup>3</sup> pi+ 10<sup>2</sup> 10  $10^{-1}$ 8000 9000 1000 2000 3000 4000 5000 6000 7000 10000

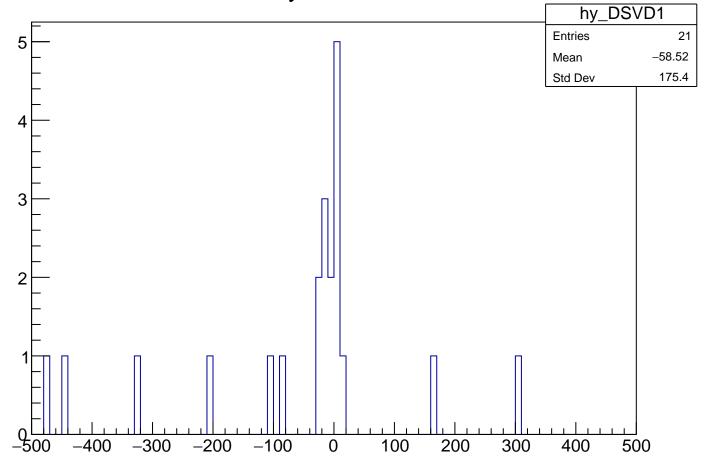


hE\_DSVD1

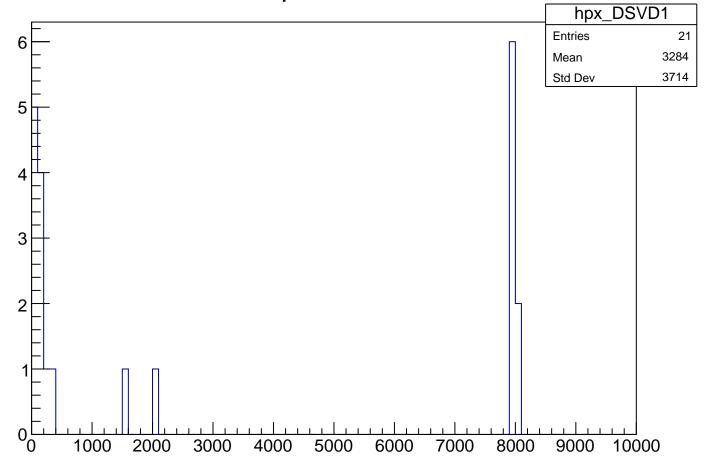


hx\_DSVD1 hx\_DSVD1 Entries 21 3 -10.59Mean 91.72 Std Dev 2.5 2 1.5 0.5 <u>0</u>\_500 -300 -200 -100100 200 300 500 -4000 400

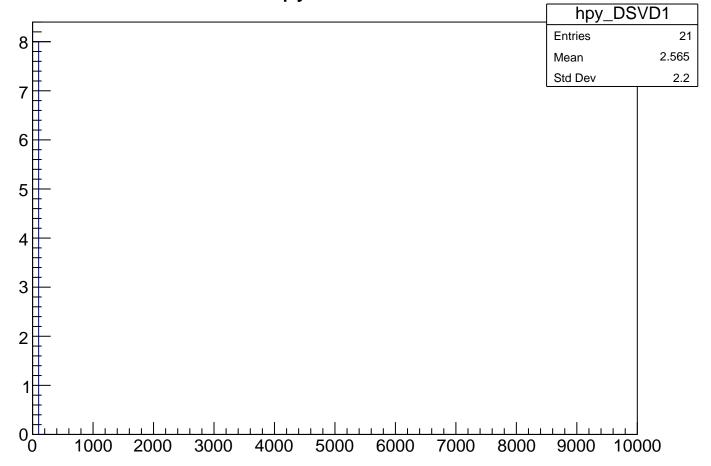
hy\_DSVD1



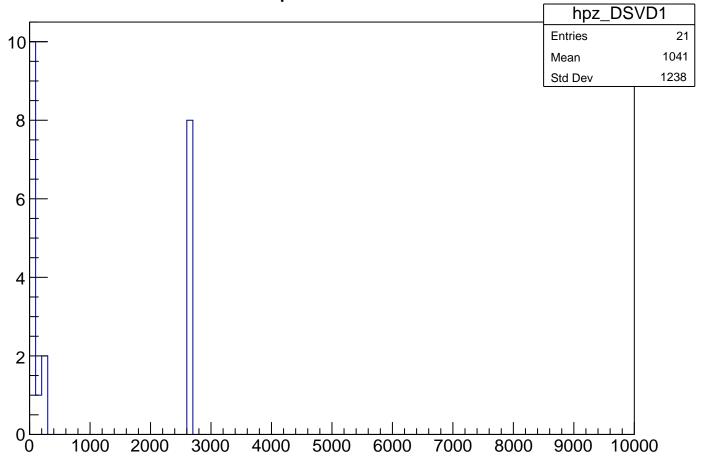
hpx\_DSVD1



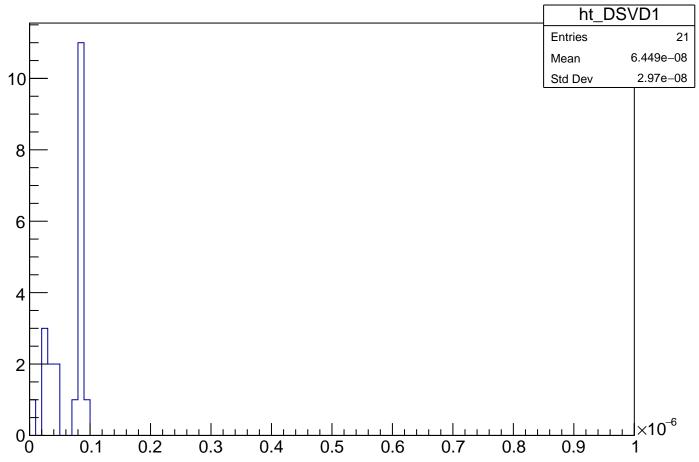
## hpy\_DSVD1



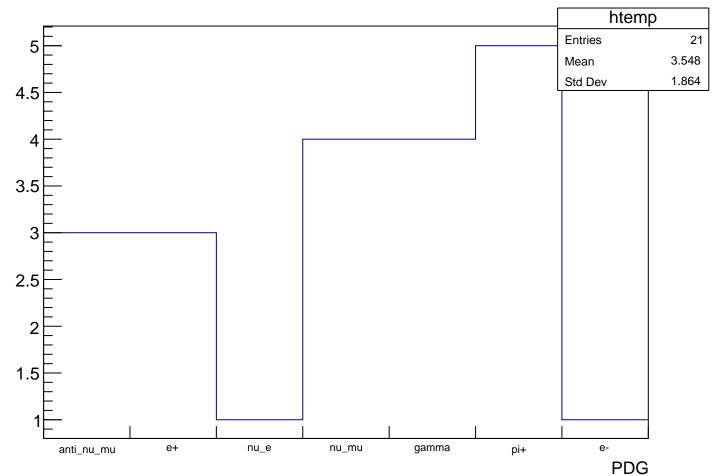
hpz\_DSVD1



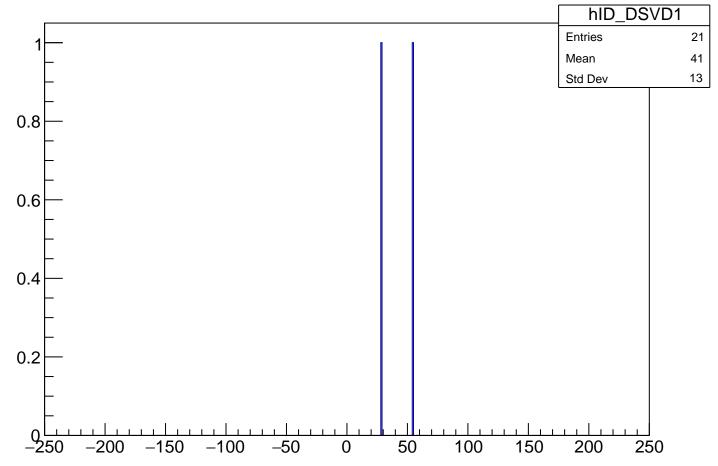
ht\_DSVD1



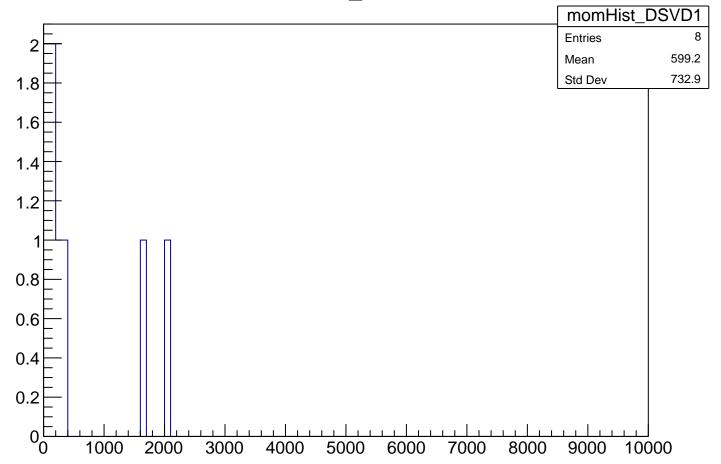
PDG



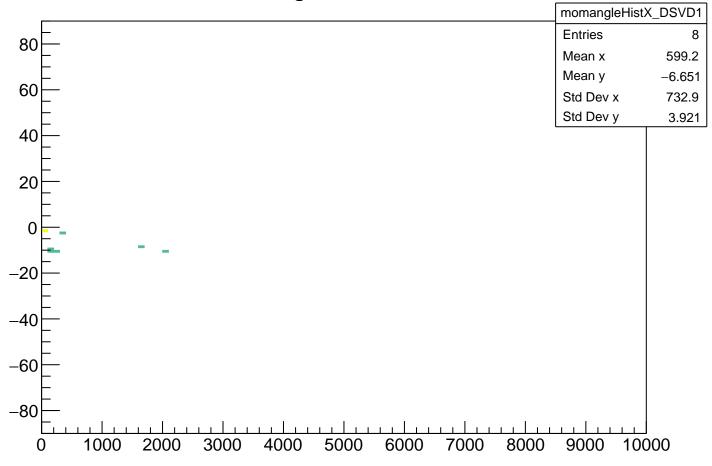
## hID\_DSVD1



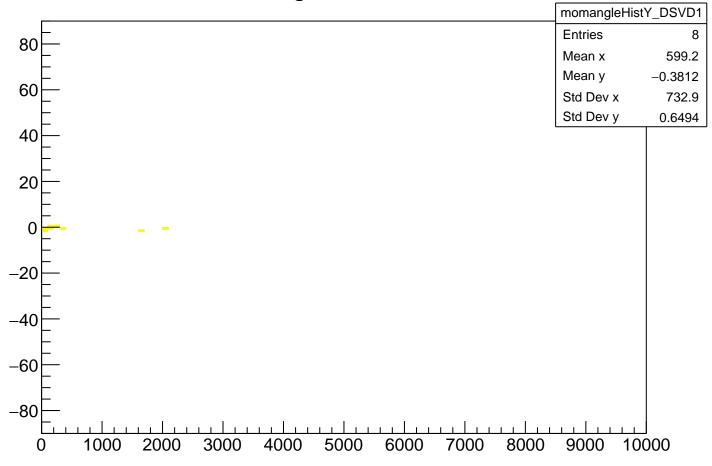
#### momHist\_DSVD1



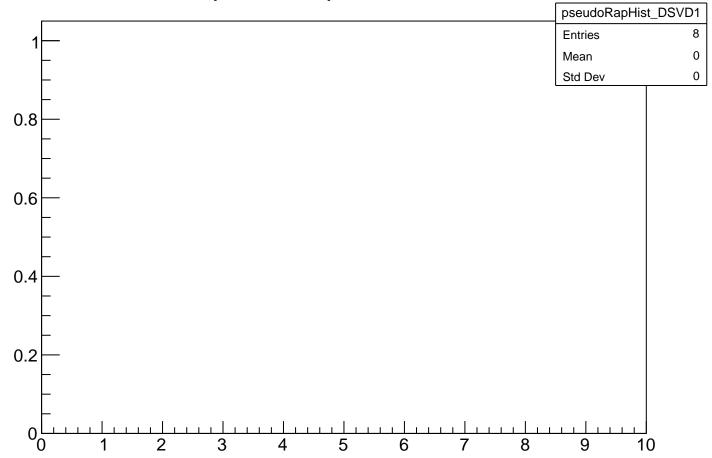
## momangleHistX\_DSVD1



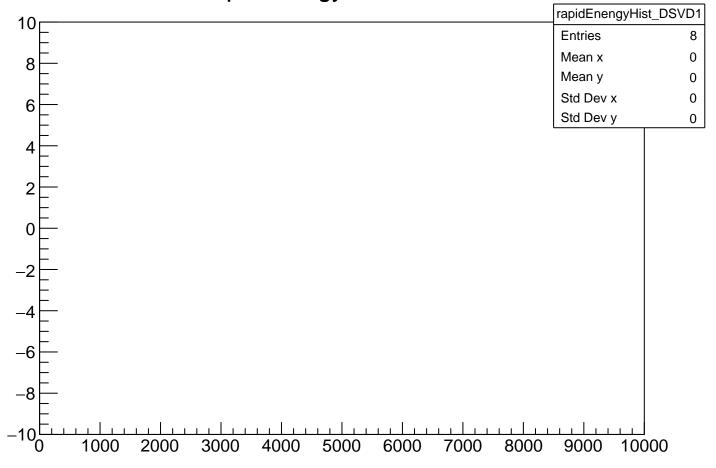
## momangleHistY\_DSVD1



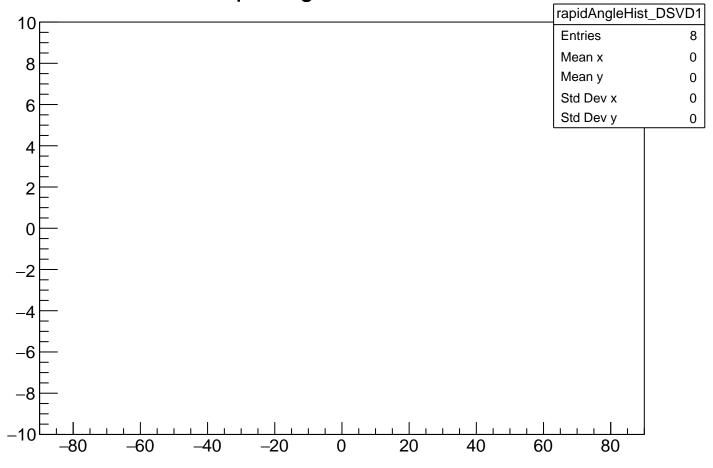
# pseudoRapHist\_DSVD1



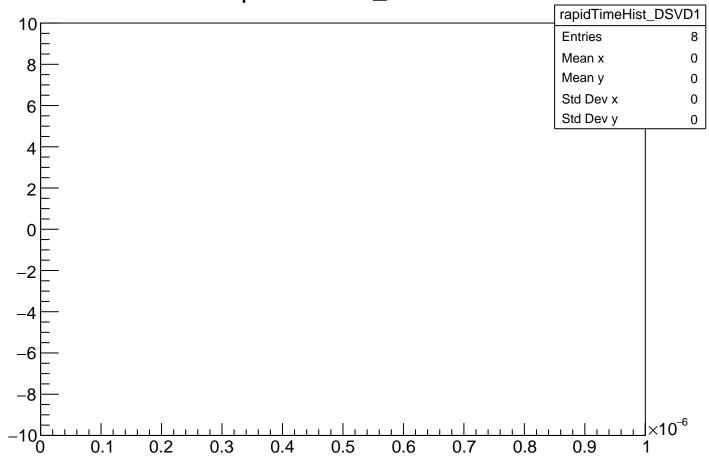
## rapidEnengyHist\_DSVD1



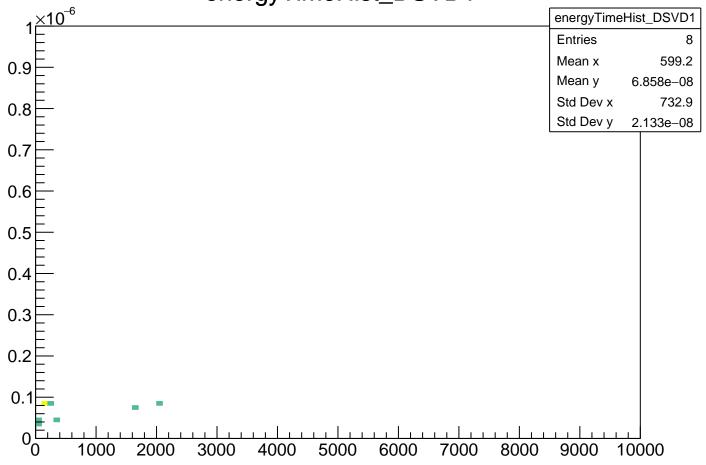
### rapidAngleHist\_DSVD1



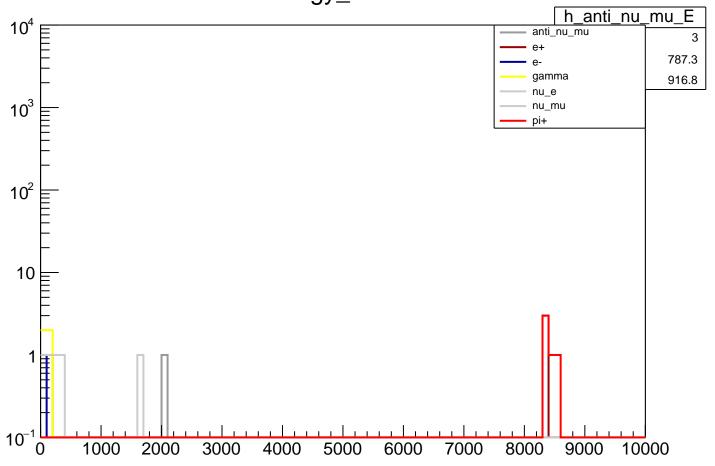
## rapidTimeHist\_DSVD1



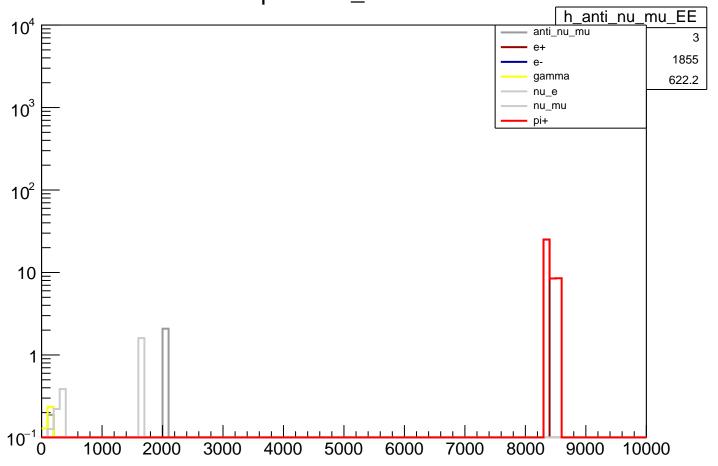
energyTimeHist\_DSVD1



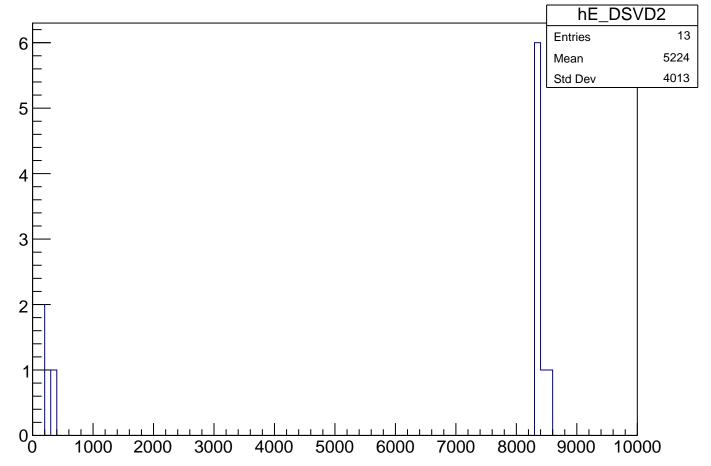
Energy\_DSVD1



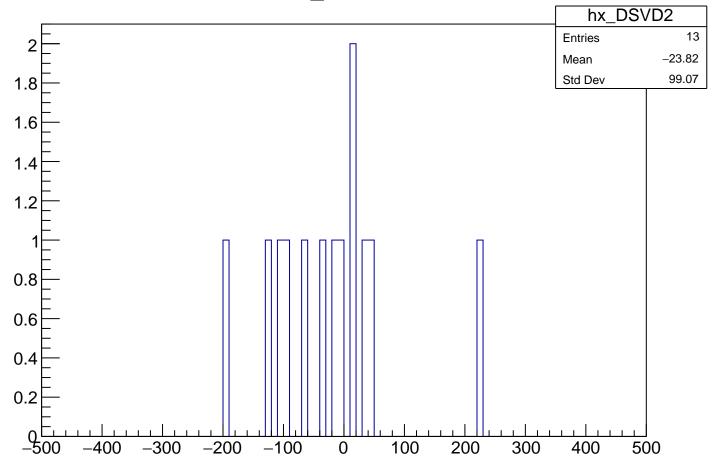
Spectrum\_DSVD1



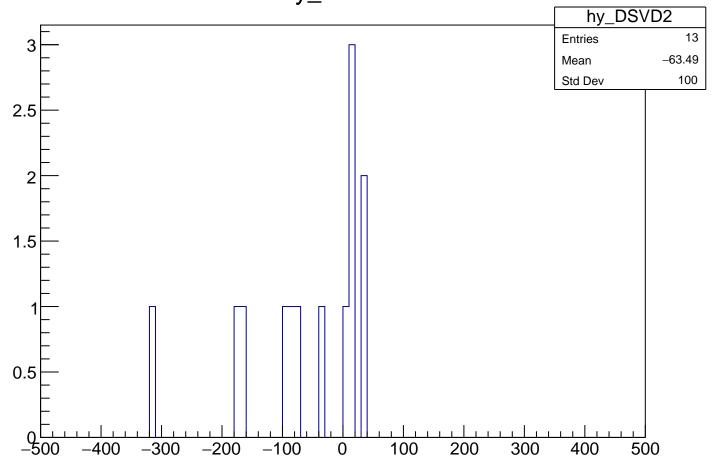
hE\_DSVD2



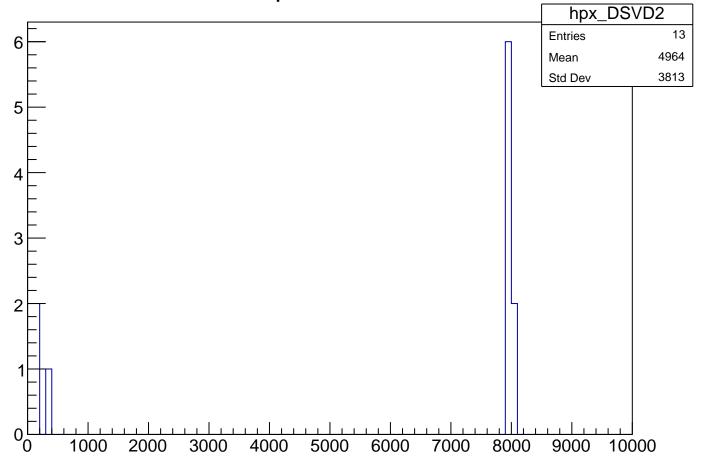
hx\_DSVD2



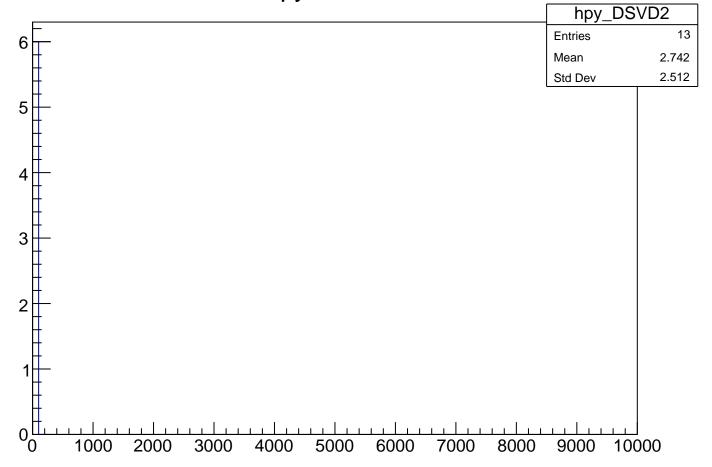
hy\_DSVD2



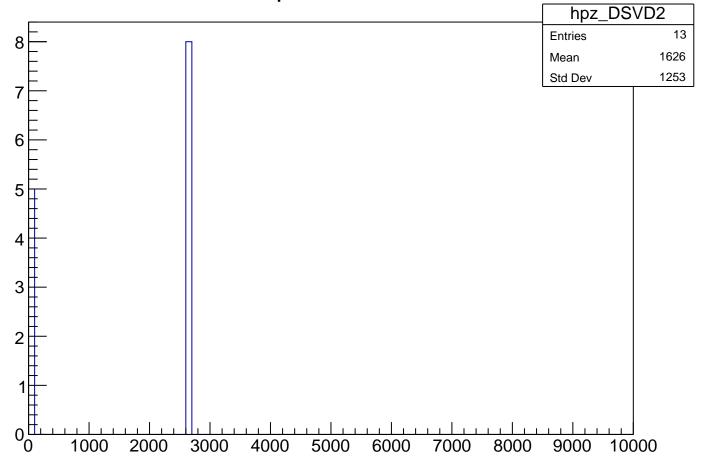
hpx\_DSVD2



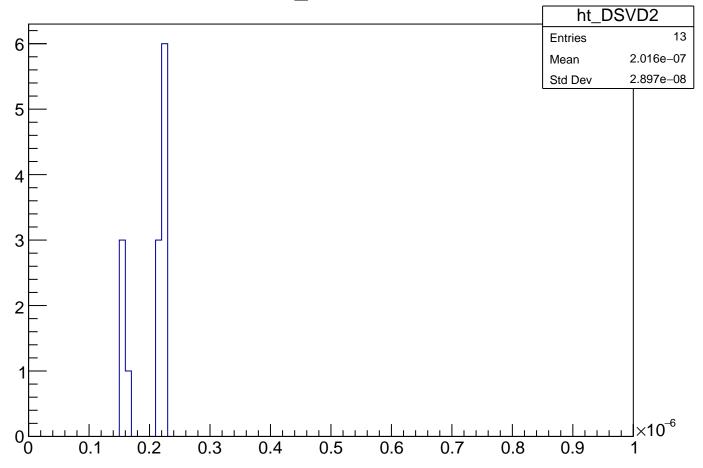
### hpy\_DSVD2

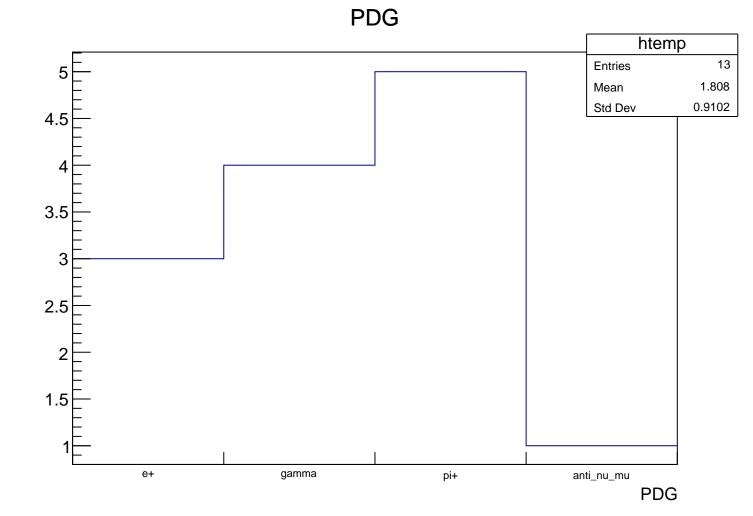


hpz\_DSVD2

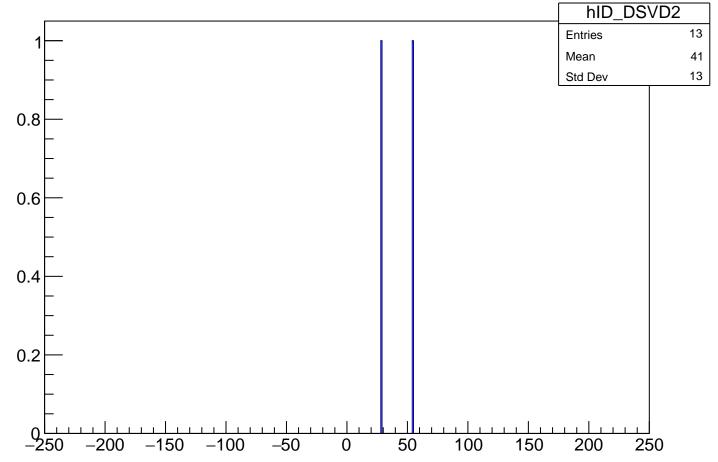


ht\_DSVD2

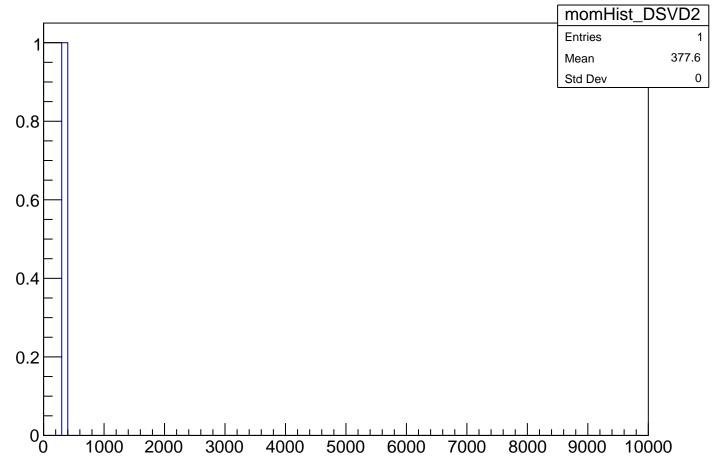




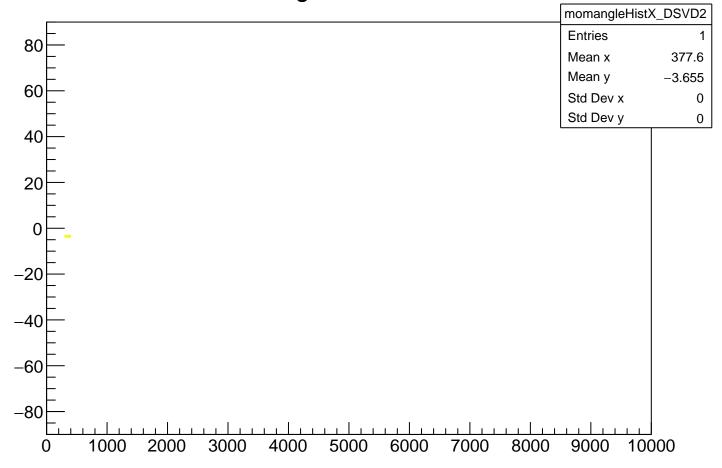
### hID\_DSVD2



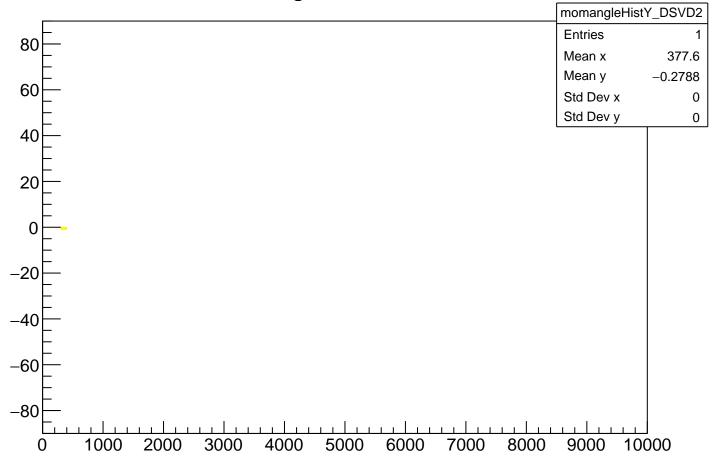
#### momHist\_DSVD2



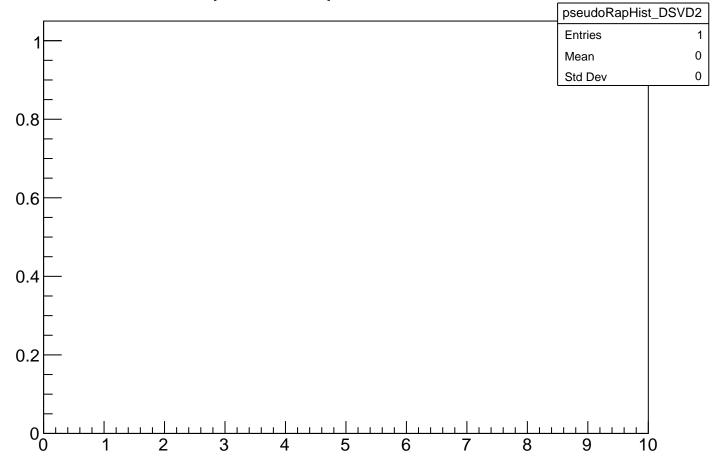
#### momangleHistX\_DSVD2



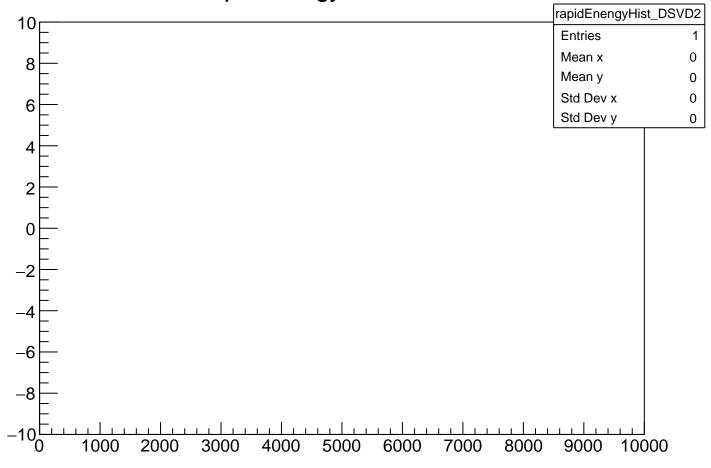
### momangleHistY\_DSVD2



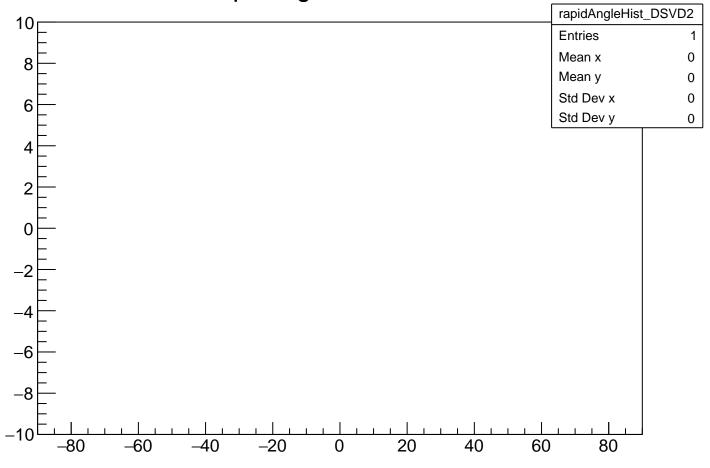
# pseudoRapHist\_DSVD2



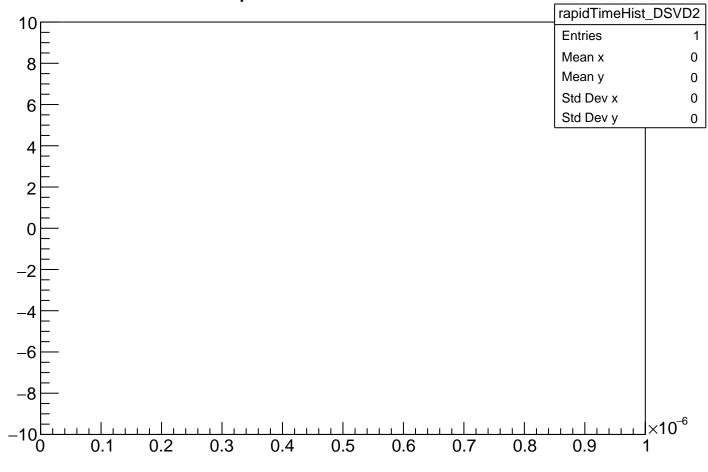
### rapidEnengyHist\_DSVD2



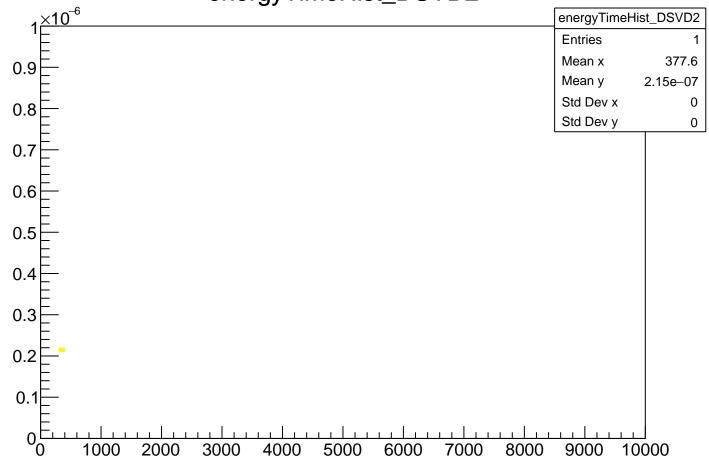
## rapidAngleHist\_DSVD2



### rapidTimeHist\_DSVD2



energyTimeHist\_DSVD2



Energy\_DSVD2 h\_anti\_nu\_mu\_E 10<sup>4</sup> anti\_nu\_mu 377.6 **e+** 0 gamma 10<sup>3</sup> pi+ 10<sup>2</sup> 10

8000

7000

9000

10000

 $10^{-1}$ 

1000

2000

3000

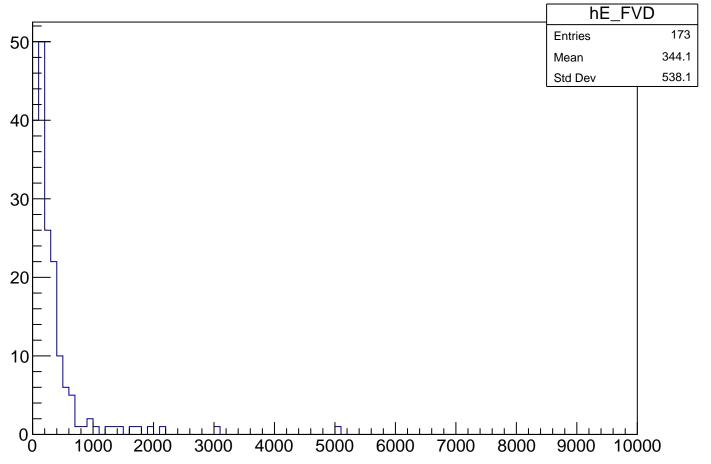
4000

5000

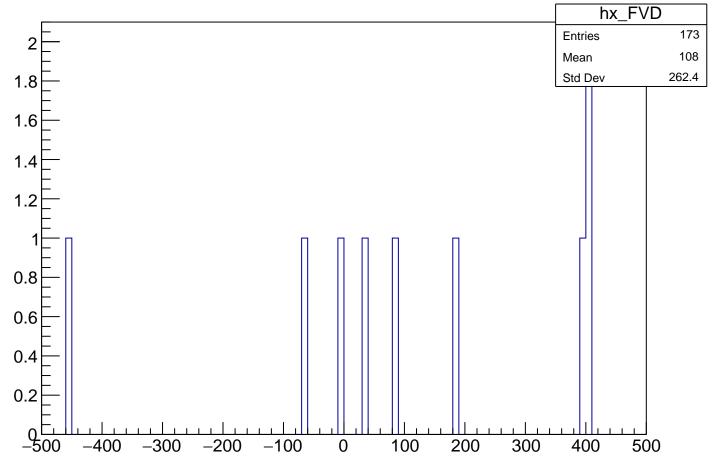
6000

Spectrum\_DSVD2 h\_anti\_nu\_mu\_EE 10<sup>4</sup> anti\_nu\_mu 377.6 **e+** 0 gamma 10<sup>3</sup> pi+ 10<sup>2</sup> 10  $10^{-1}$ 1000 2000 3000 8000 9000 10000 4000 5000 6000 7000

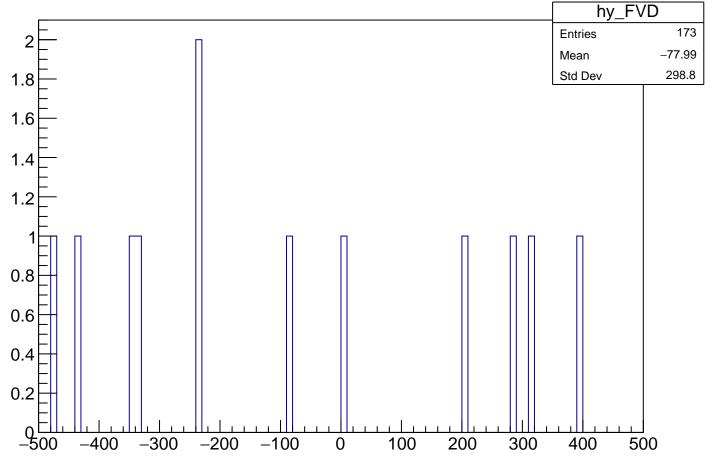




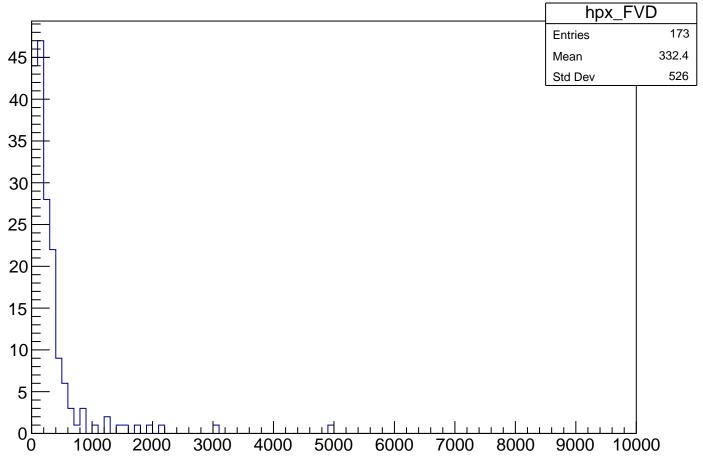
hx\_FVD



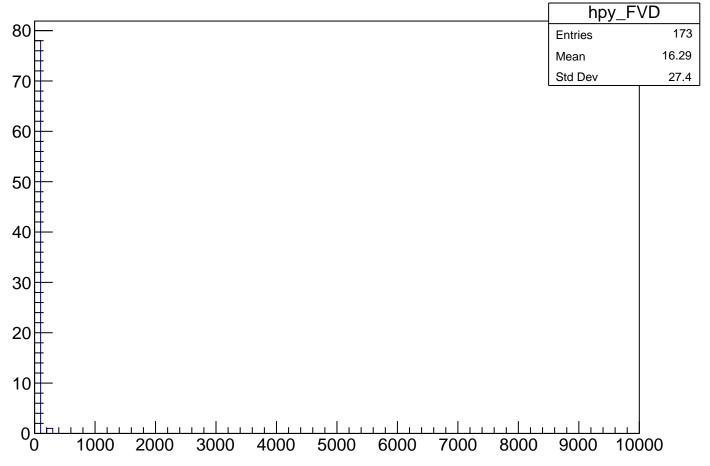
hy\_FVD



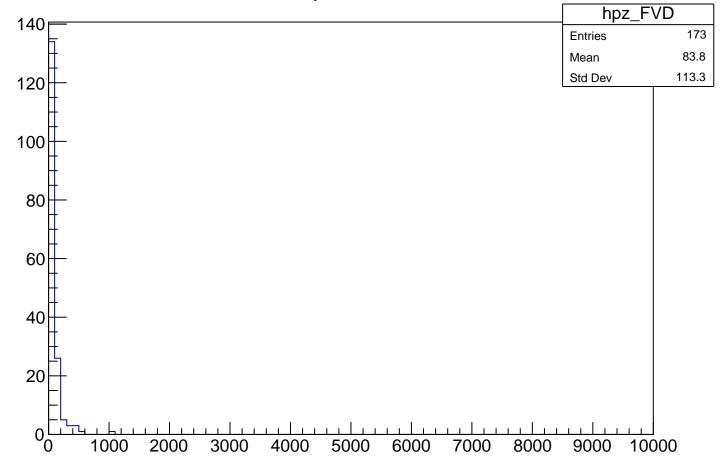




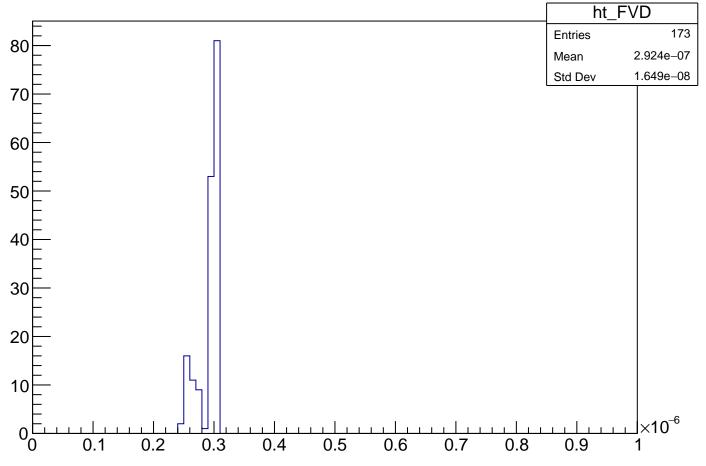
# hpy\_FVD



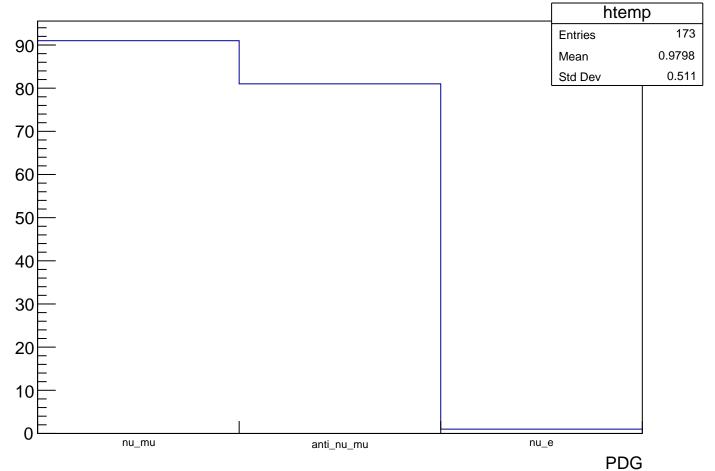
 $hpz\_FVD$ 



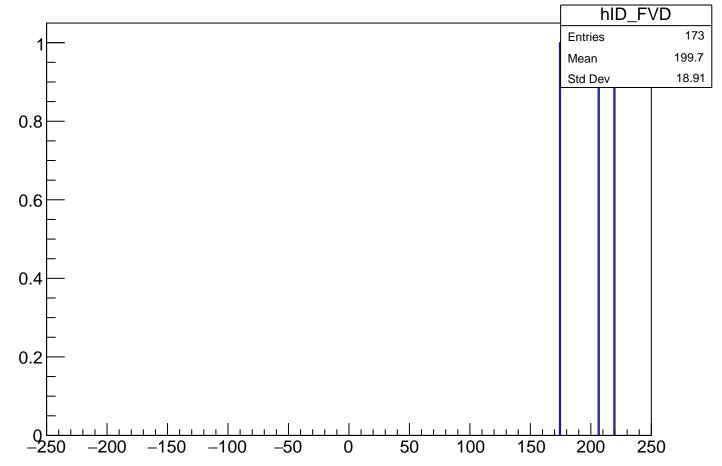




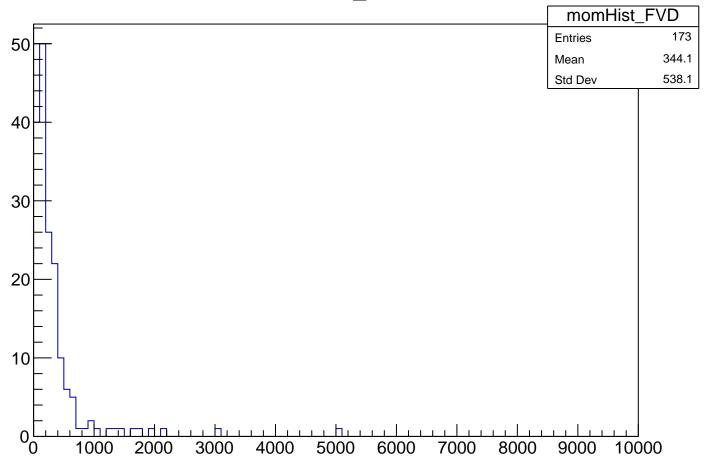




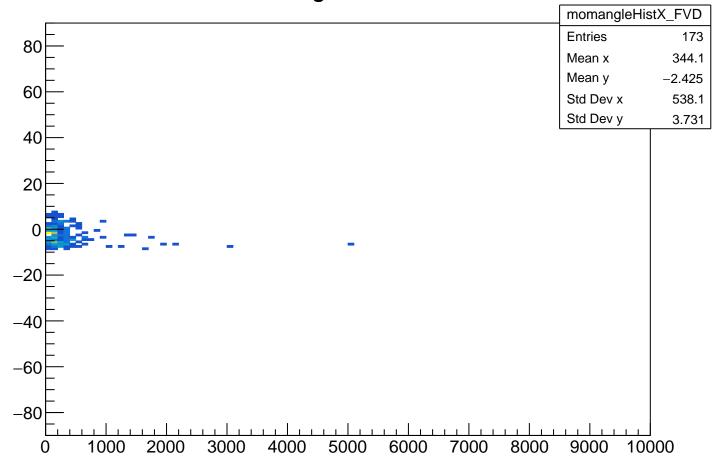
### $hID\_FVD$



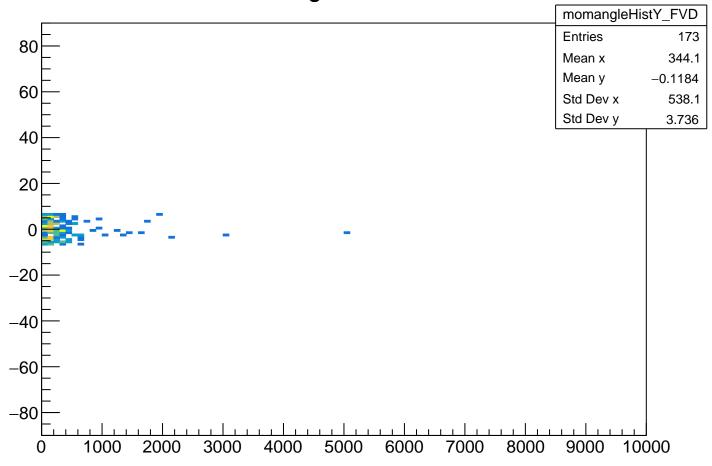
momHist\_FVD



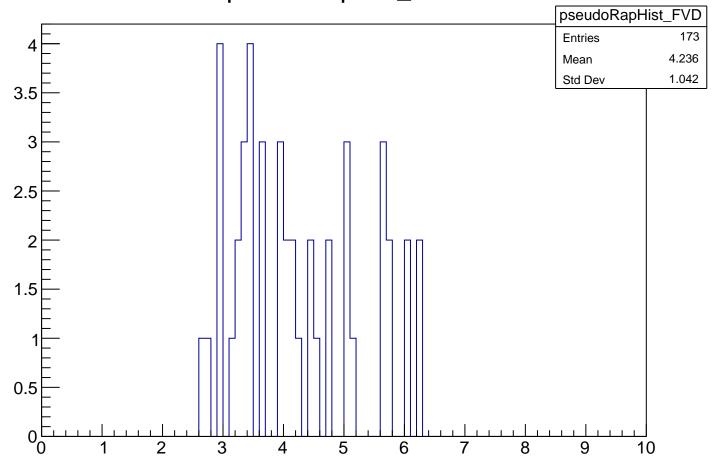
#### momangleHistX\_FVD



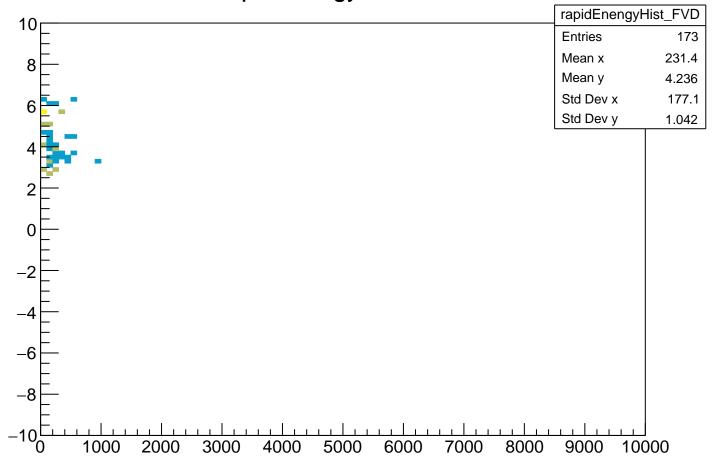
momangleHistY\_FVD



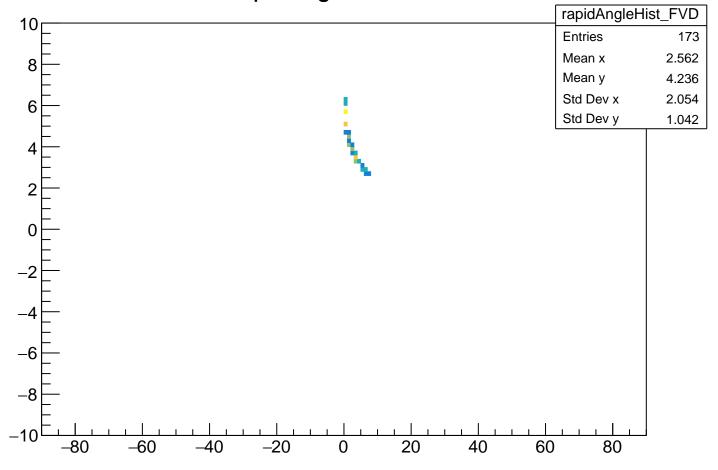
pseudoRapHist\_FVD



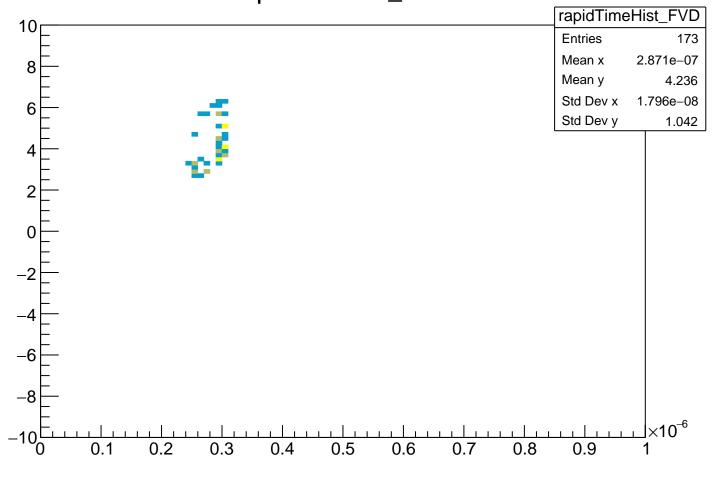
### rapidEnengyHist\_FVD



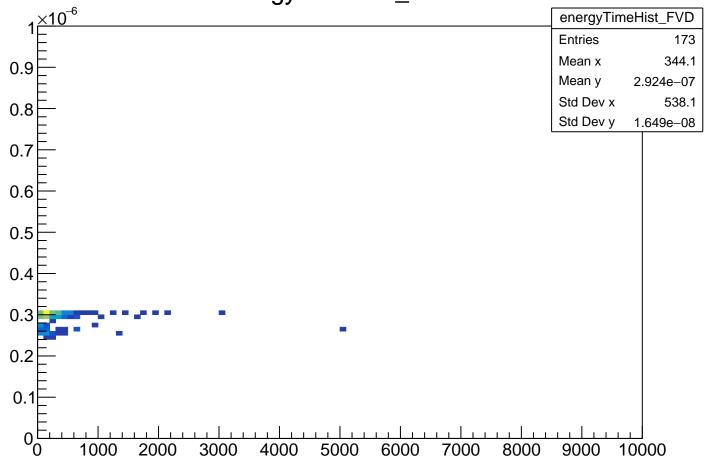
rapidAngleHist\_FVD



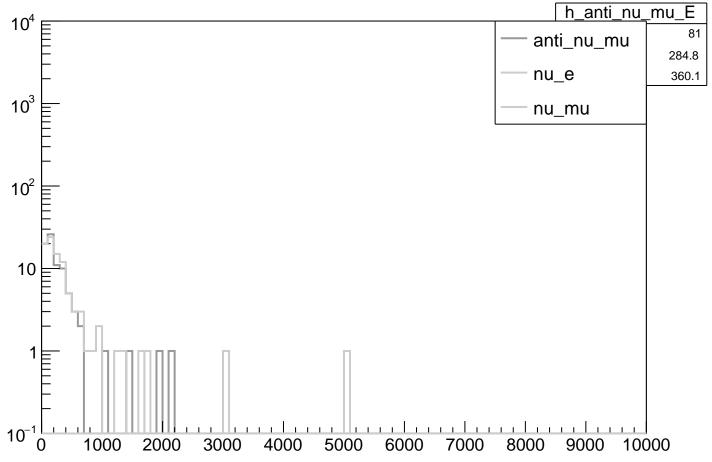
### rapidTimeHist\_FVD



energyTimeHist\_FVD

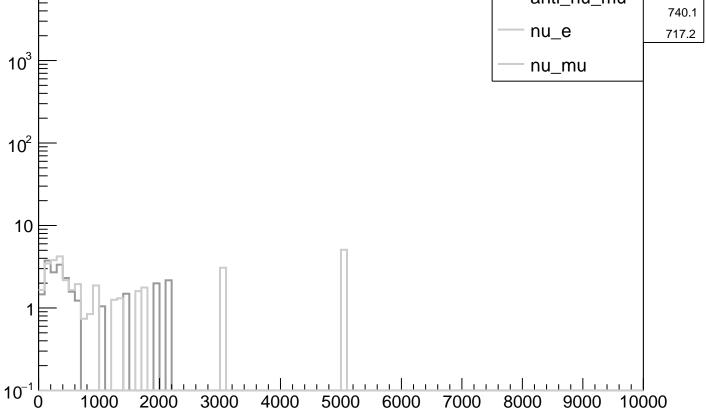


Energy\_FVD

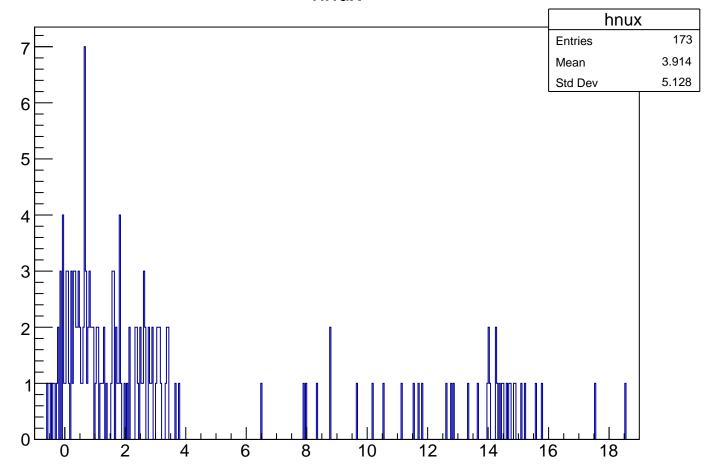


Spectrum\_FVD h\_anti\_nu\_mu\_EE 10<sup>4</sup> anti\_nu\_mu nu\_e nu\_mu

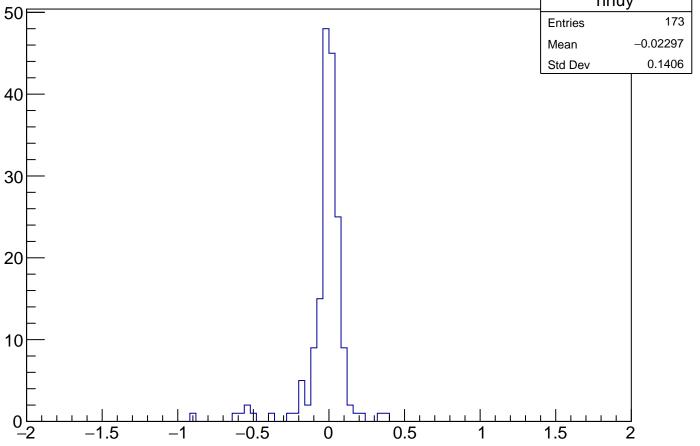
81



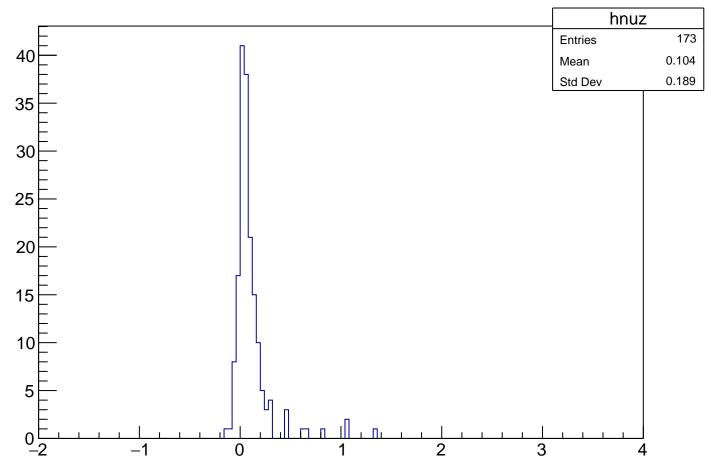
hnux



hnuy hnuy 173 Entries -0.02297Mean 0.1406 Std Dev



hnuz



# Graph2D

