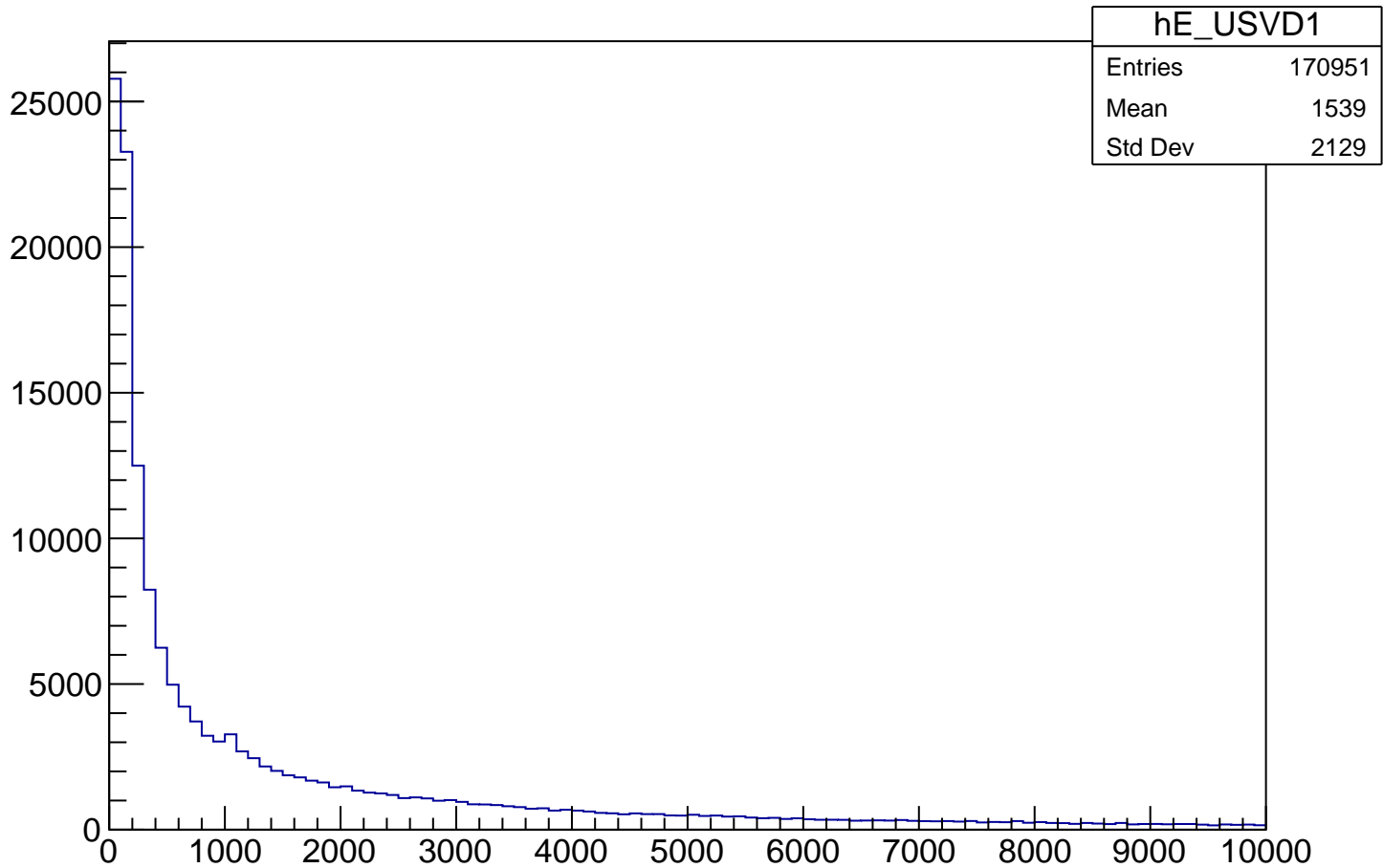
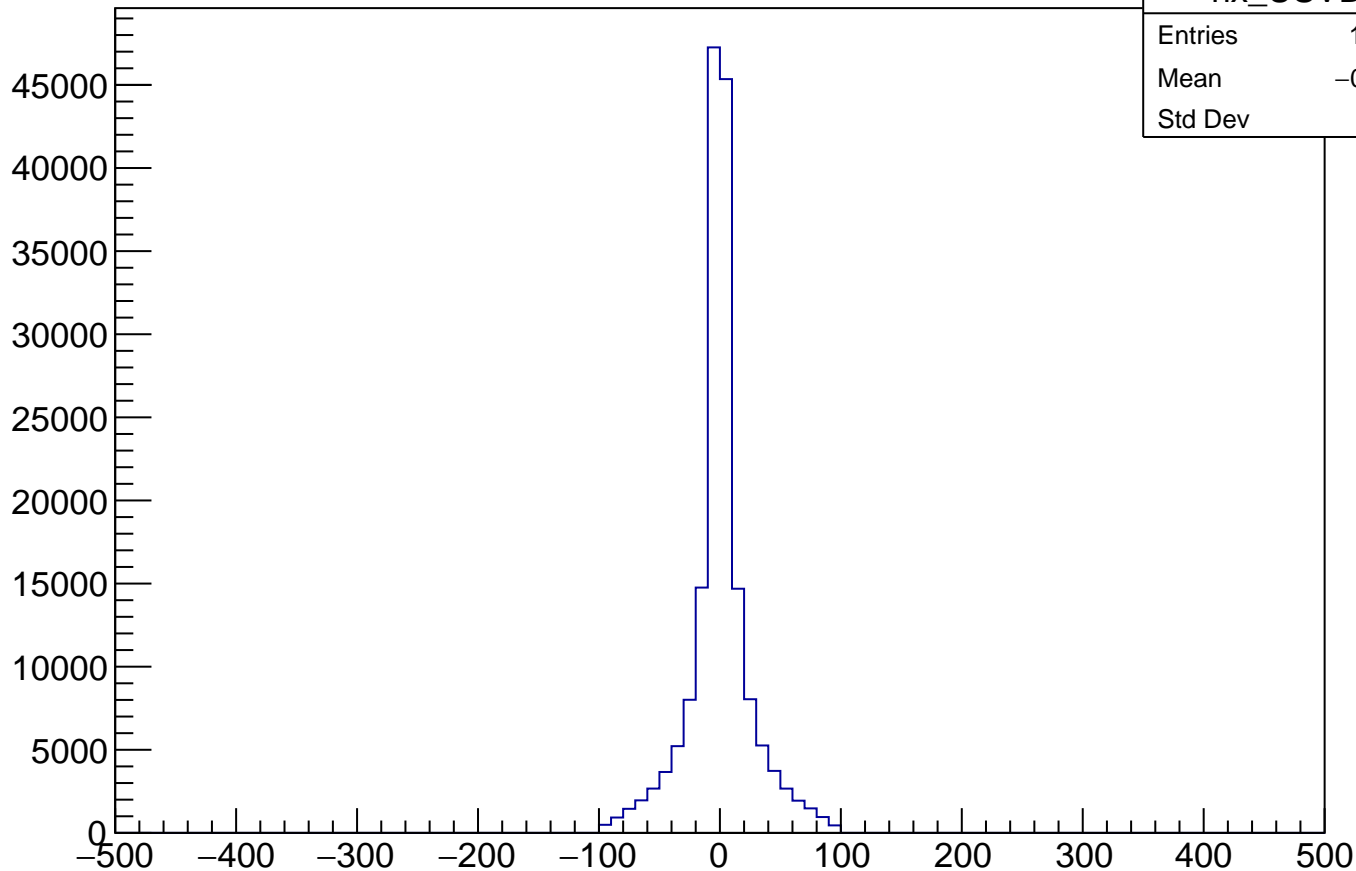


hE_USVD1



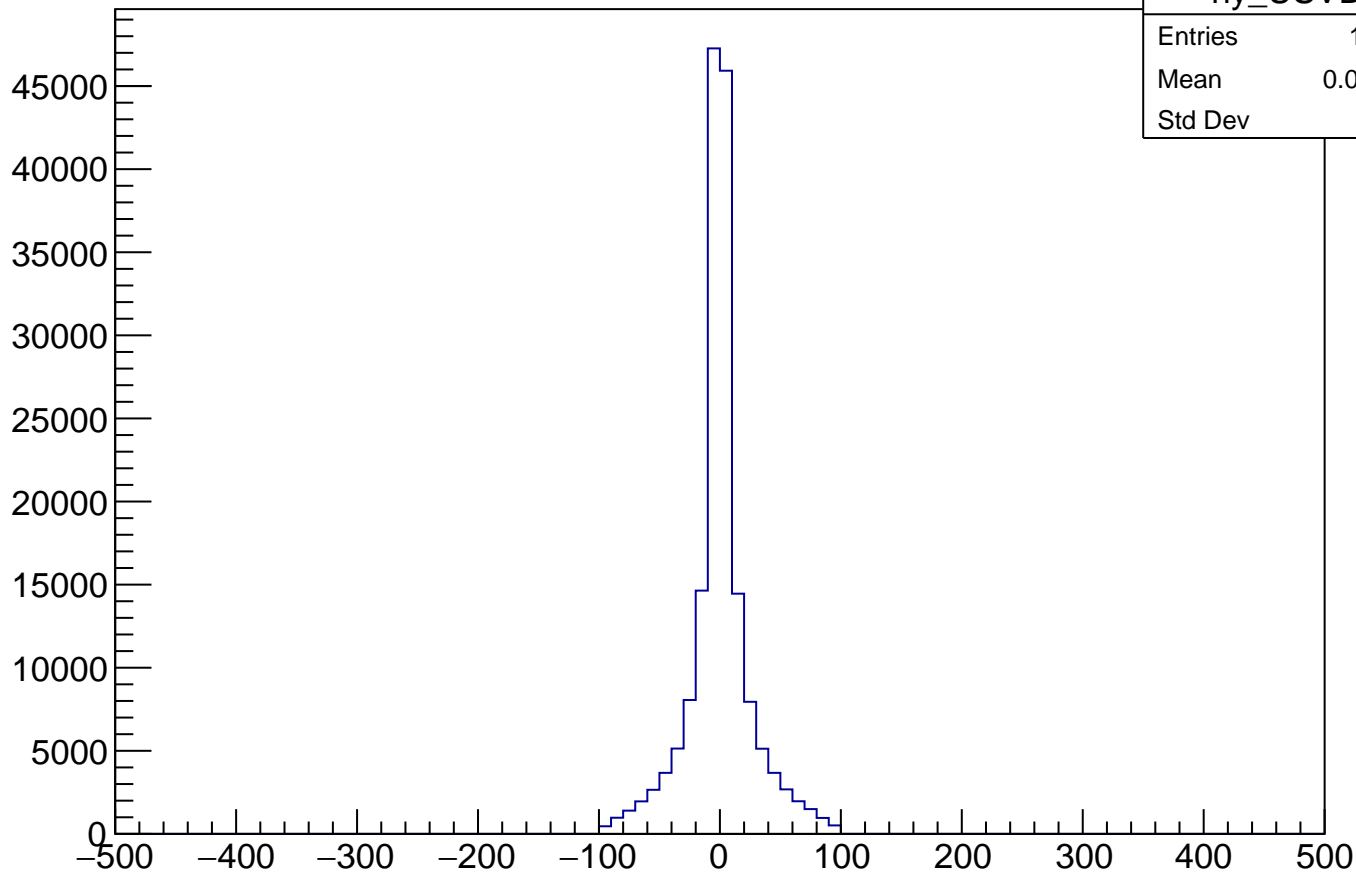
hx_USVD1



hx_USVD1

Entries	170951
Mean	-0.0202
Std Dev	26.07

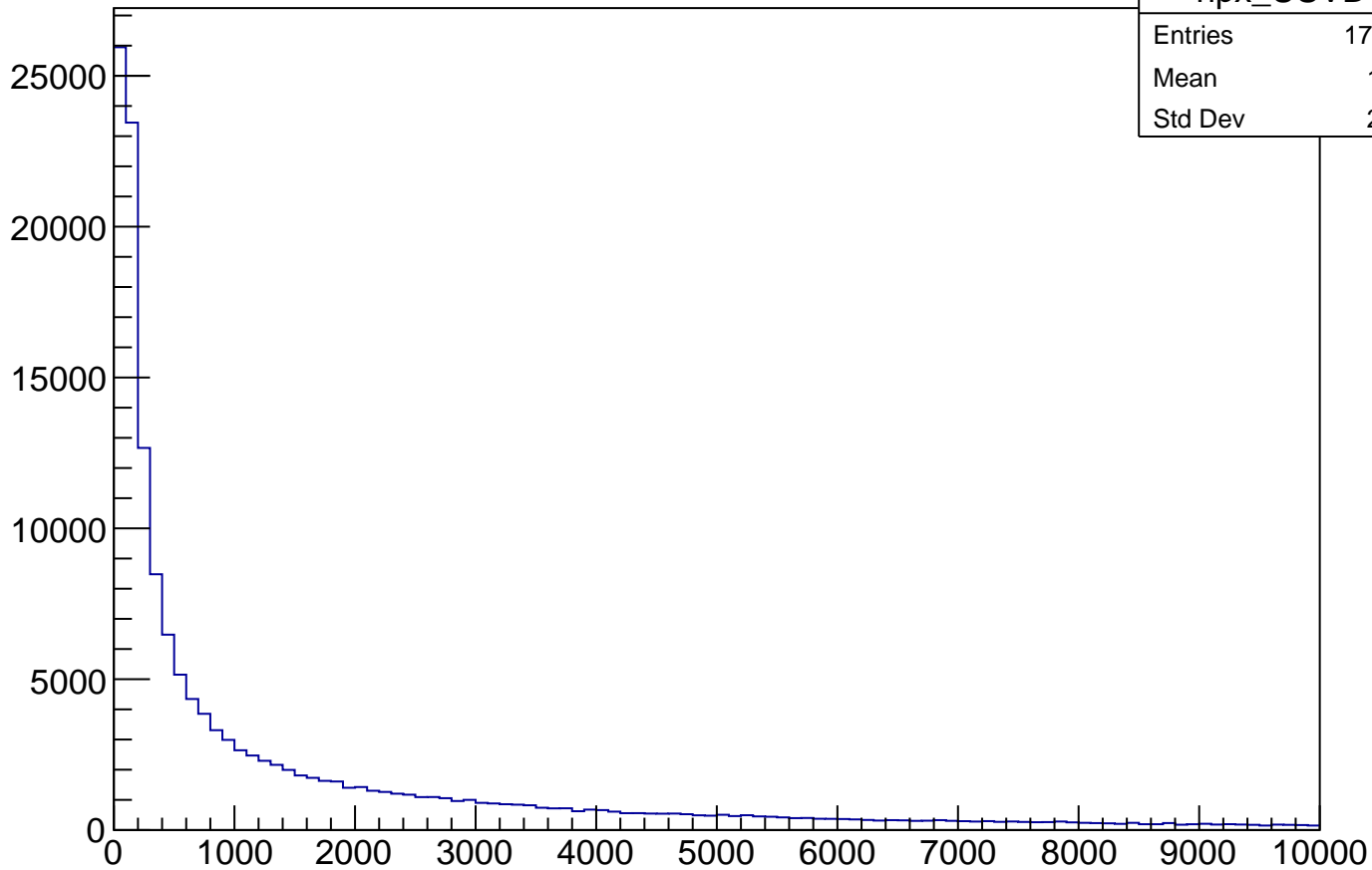
hy_USVD1



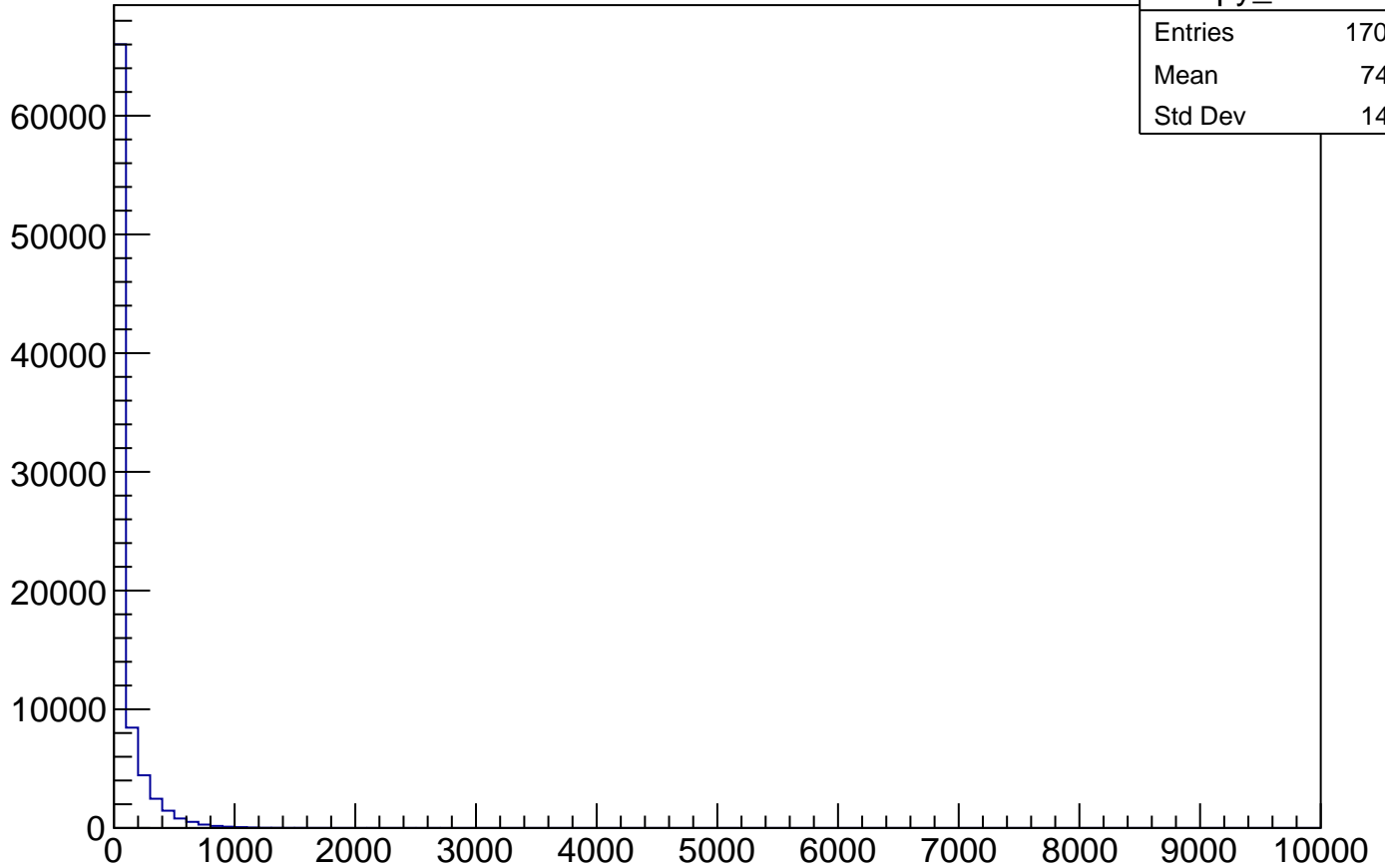
hy_USVD1

Entries	170951
Mean	0.009065
Std Dev	26.1

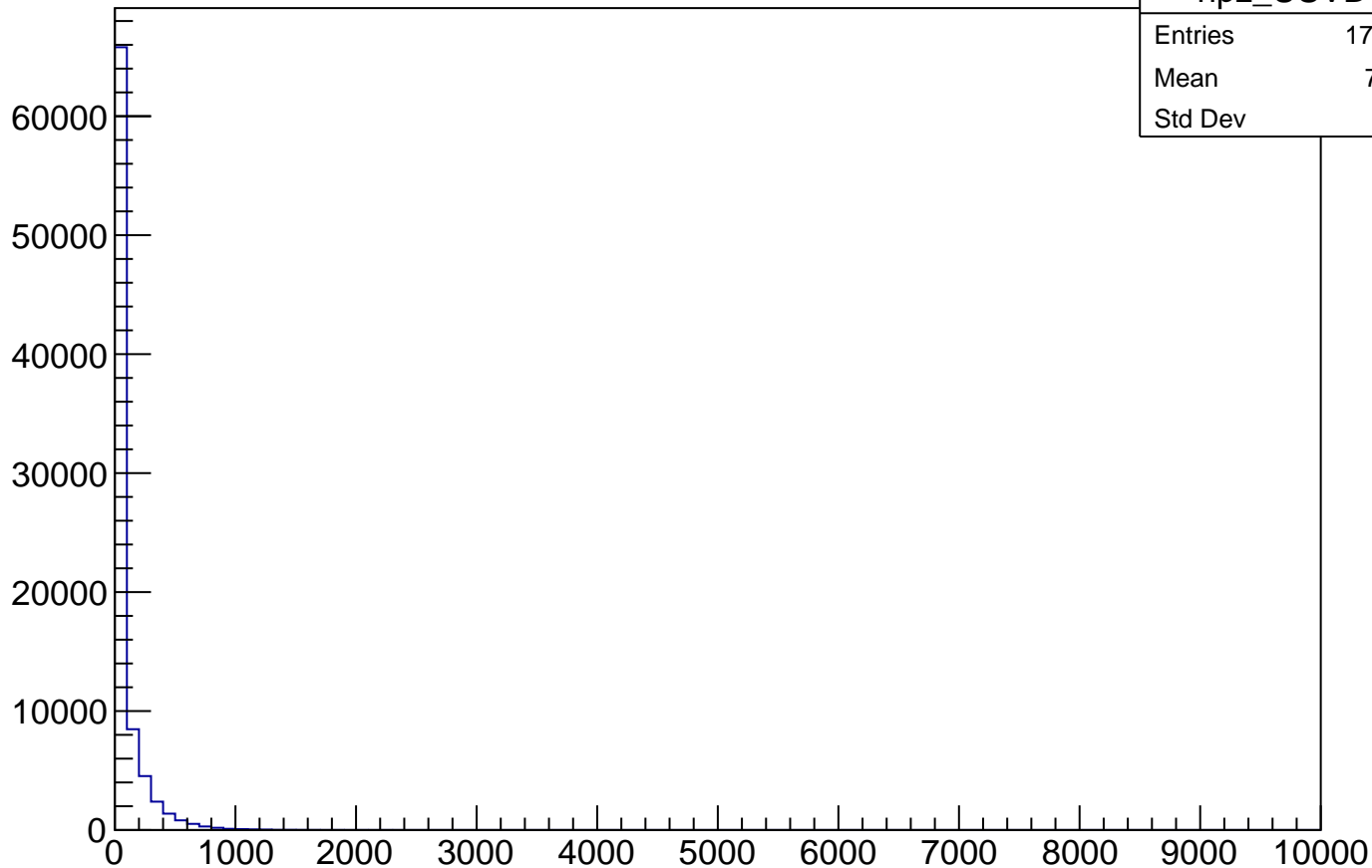
hpx_USVD1



hpy_USVD1



hpz_USVD1



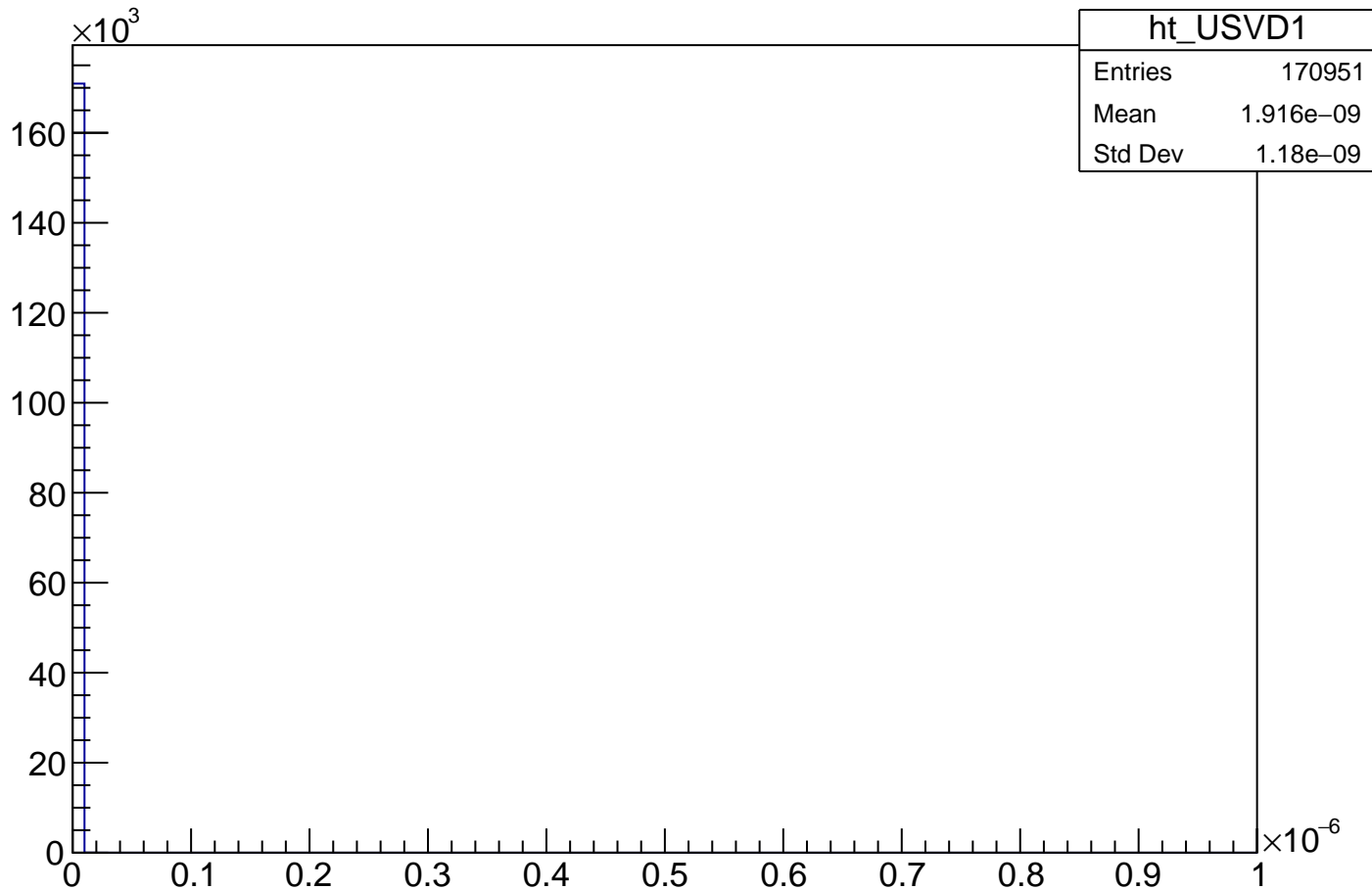
hpz_USVD1

Entries 170951

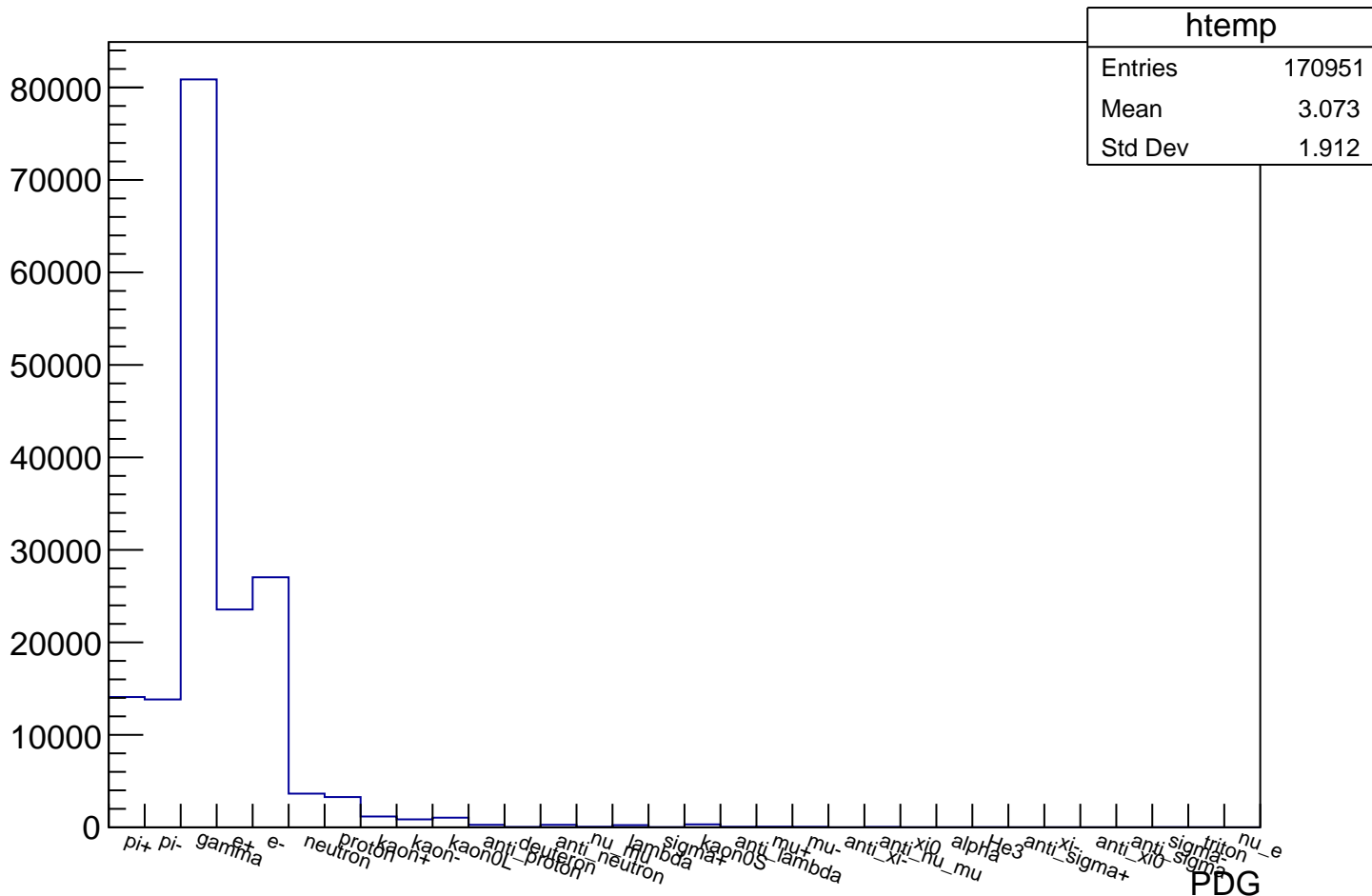
Mean 74.91

Std Dev 144

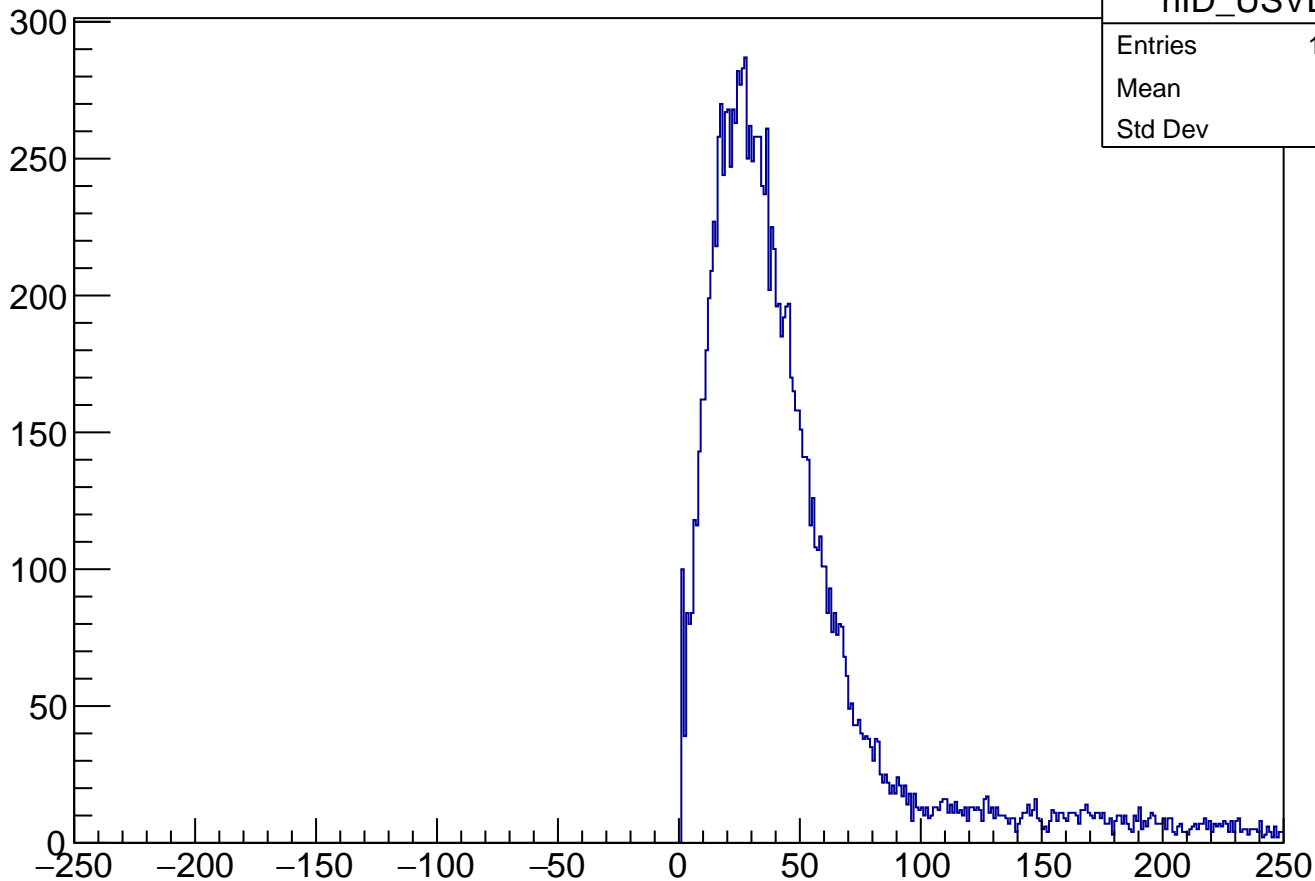
ht_USVD1



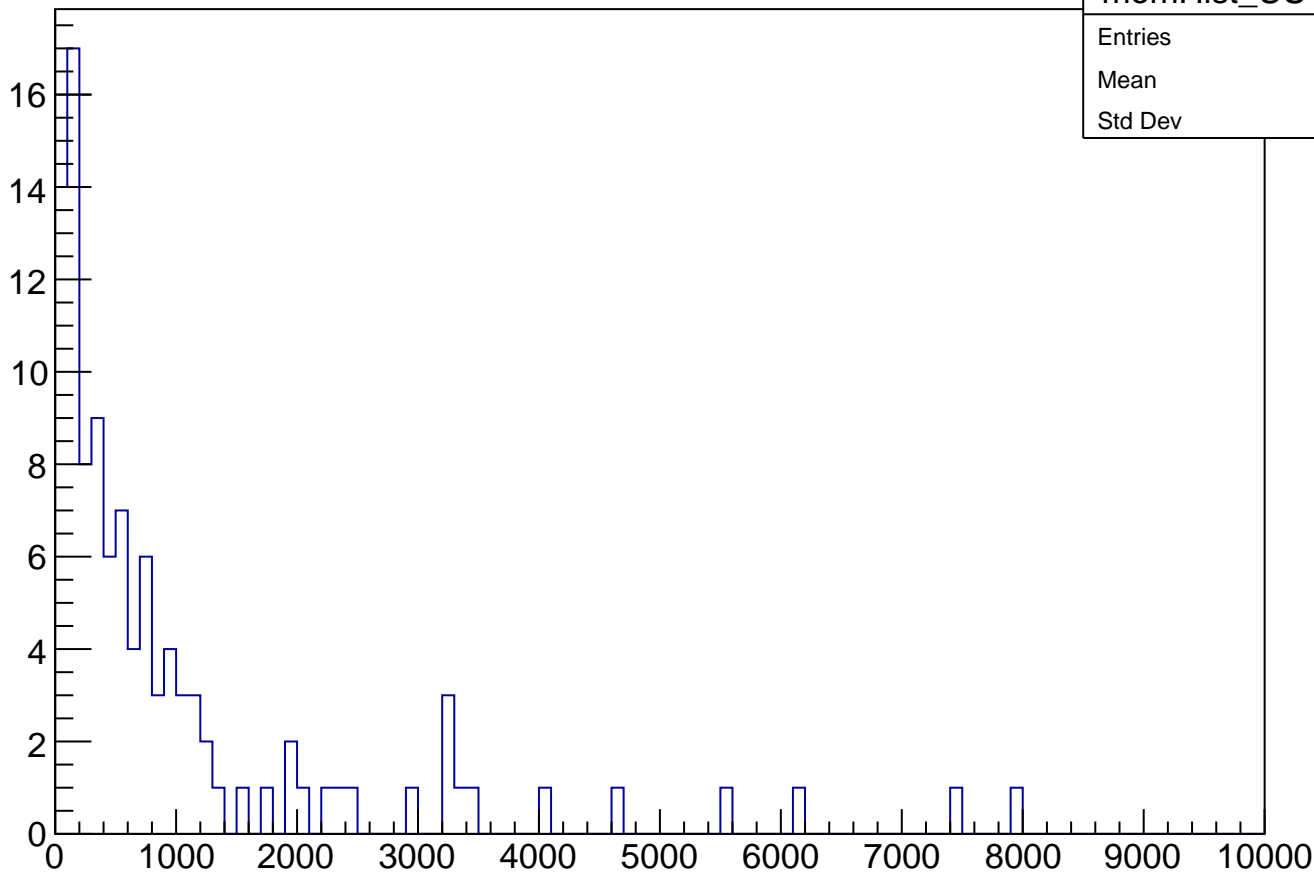
PDG



hID_USVD1

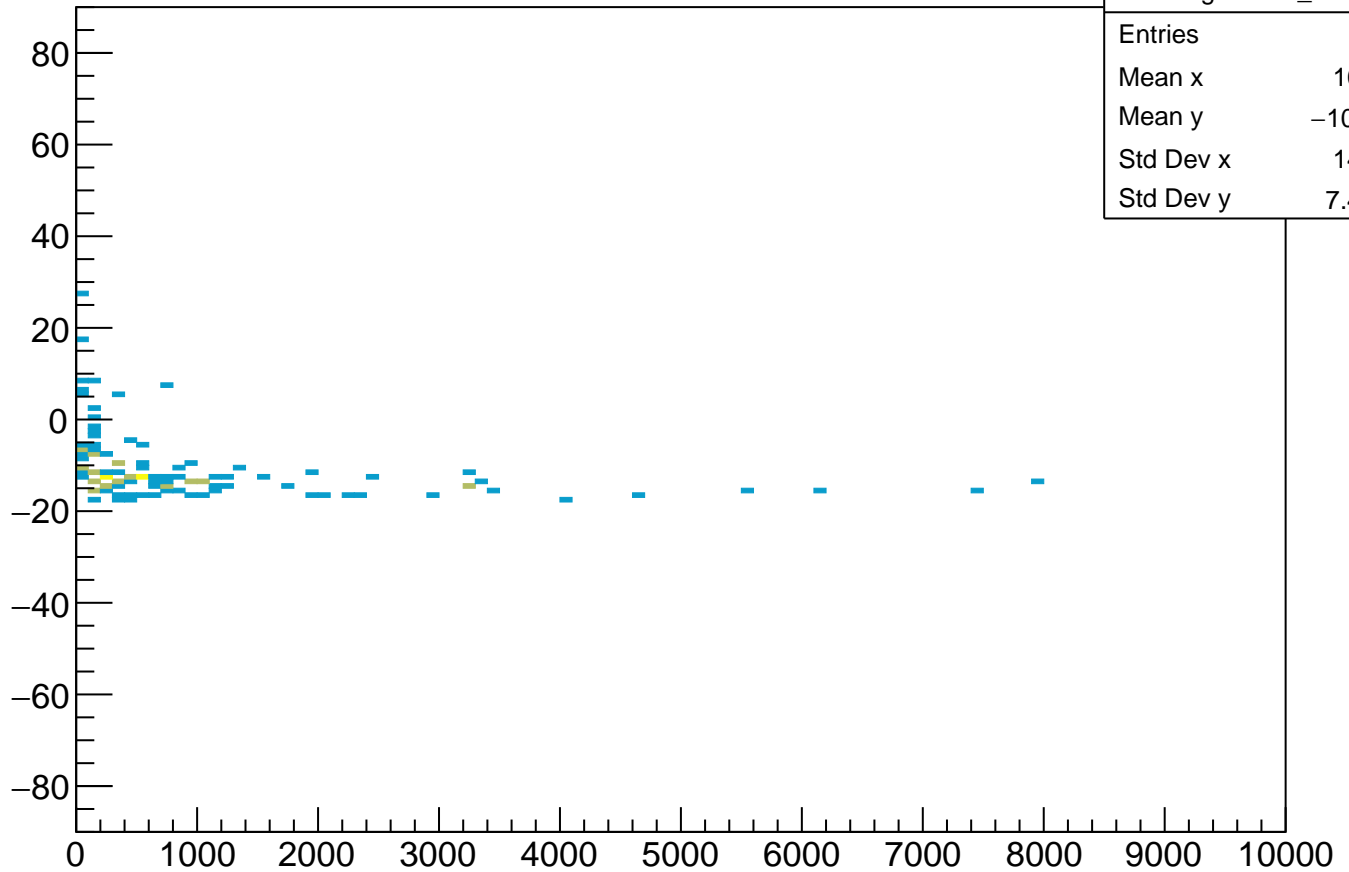


momHist_USVD1

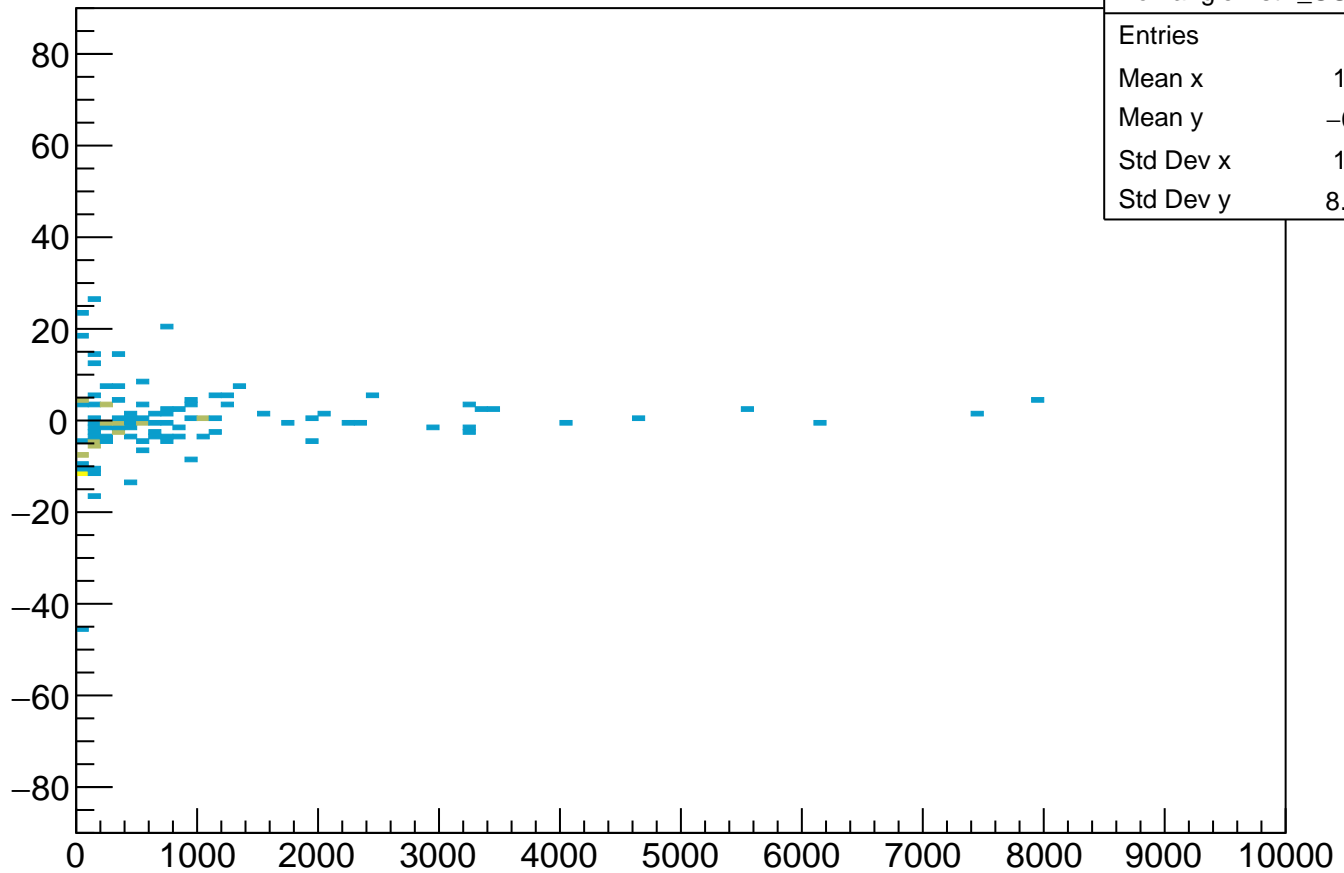


momHist_USVD1	
Entries	109
Mean	1029
Std Dev	1485

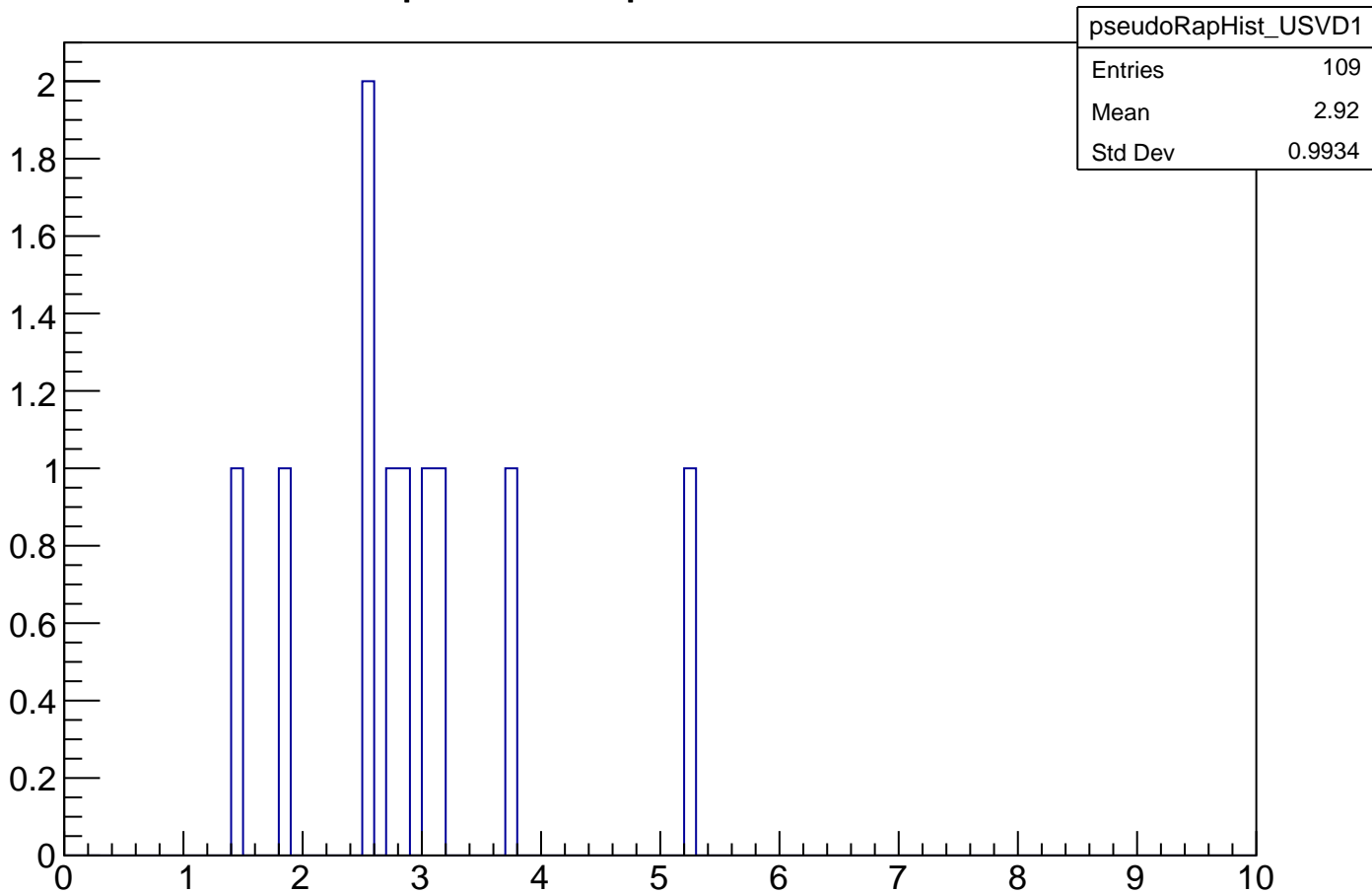
momangleHistX_USVD1



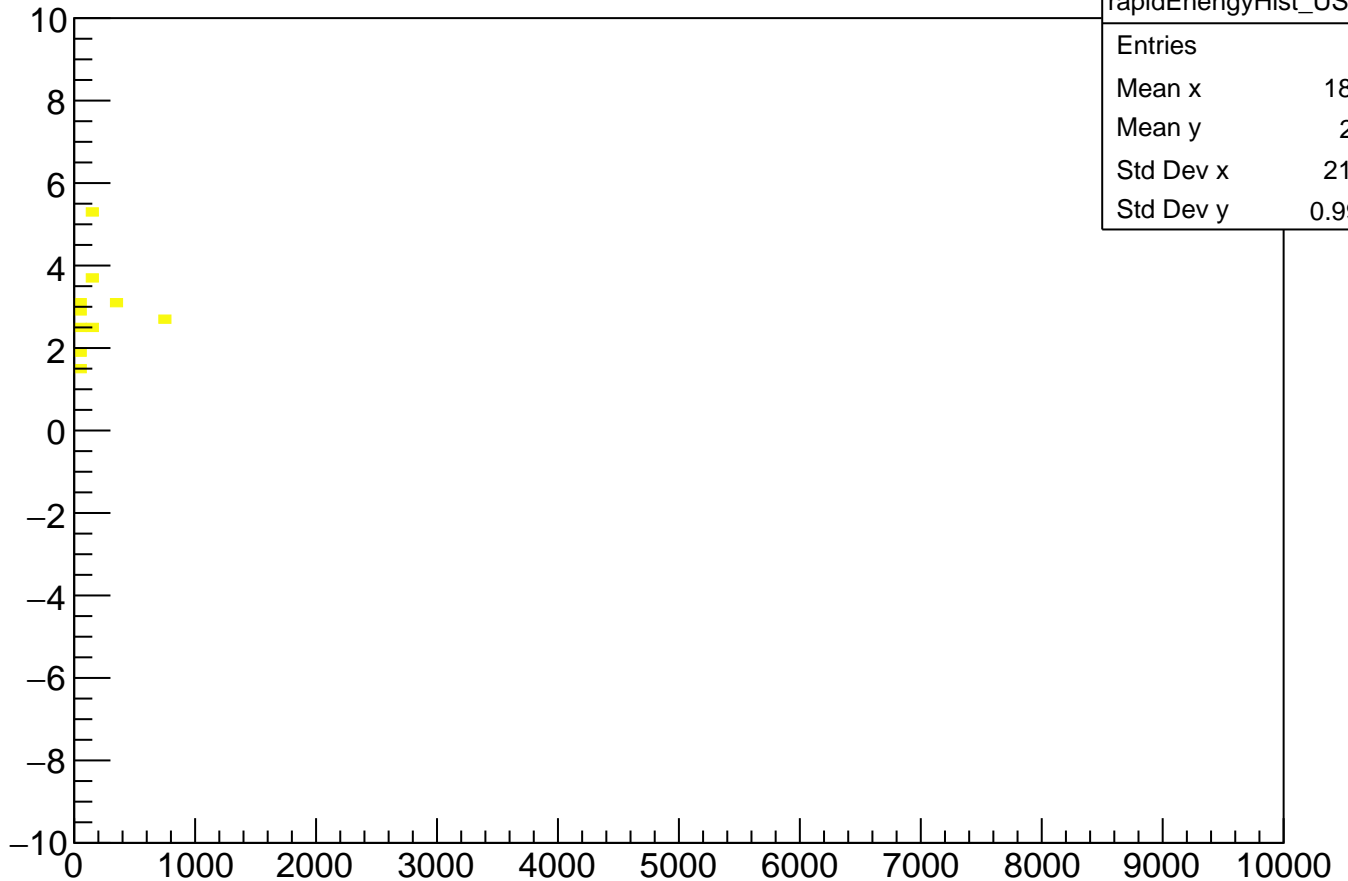
momangleHistY_USVD1



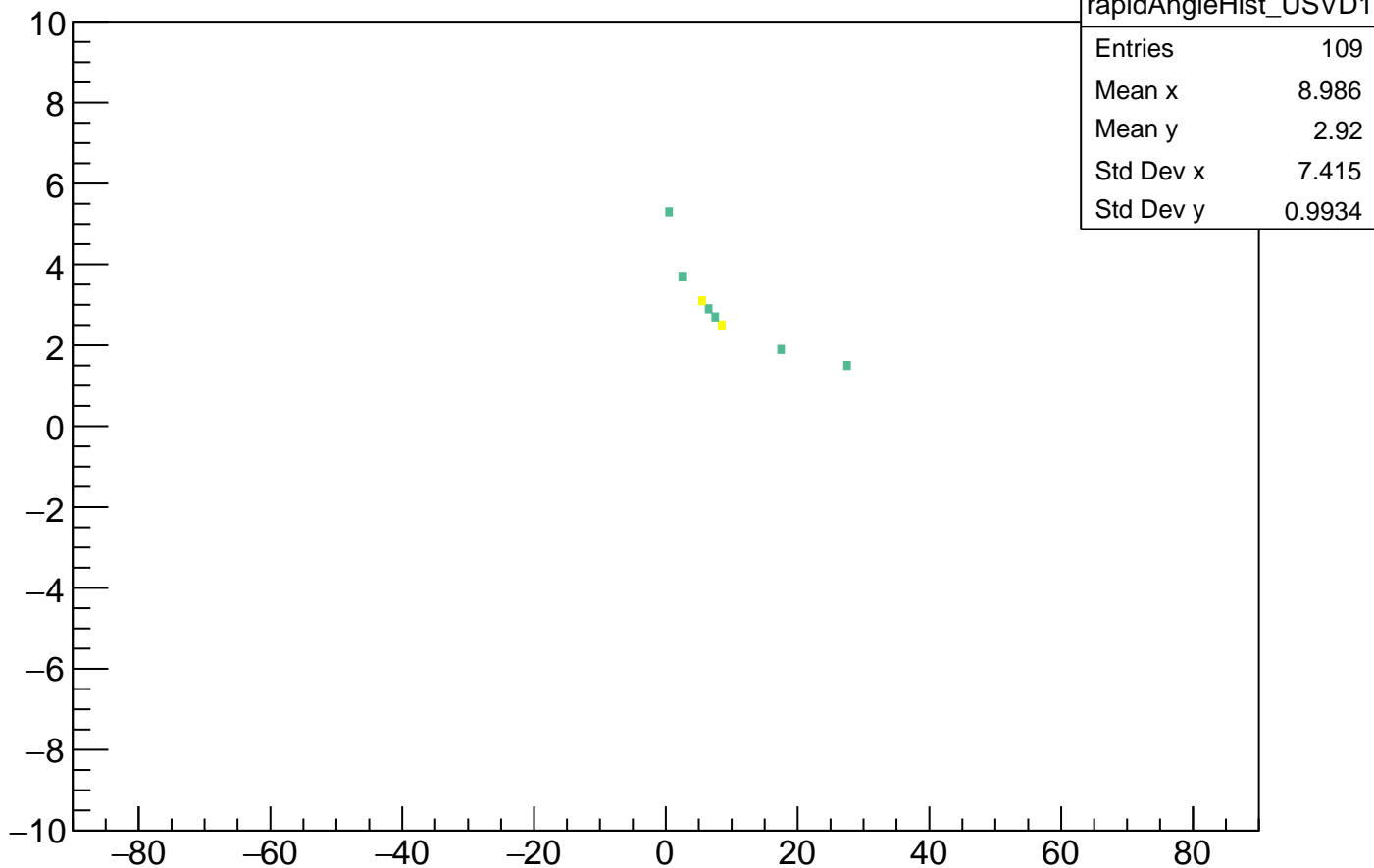
pseudoRapHist_USVD1



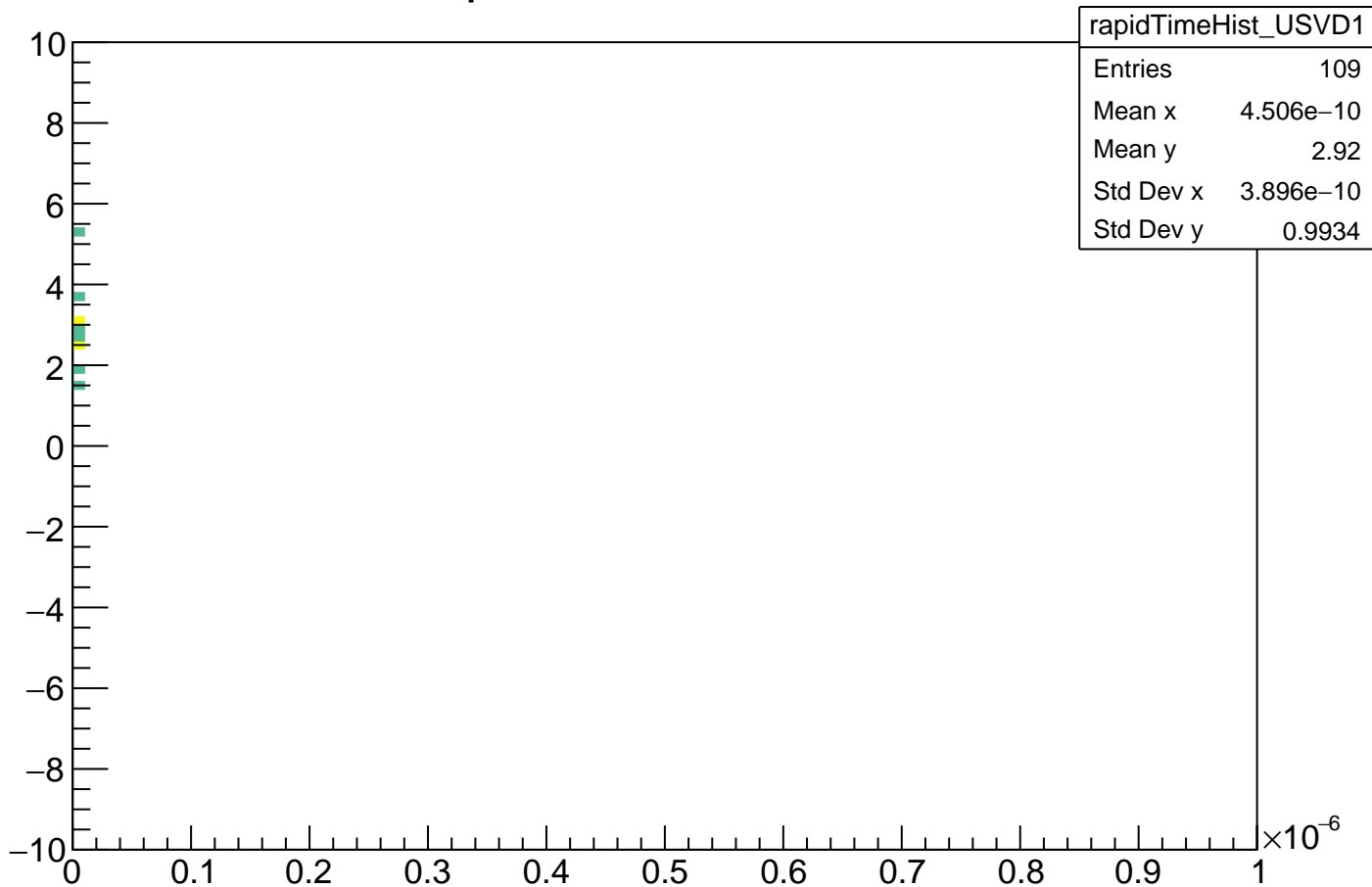
rapidEnergyHist_USVD1



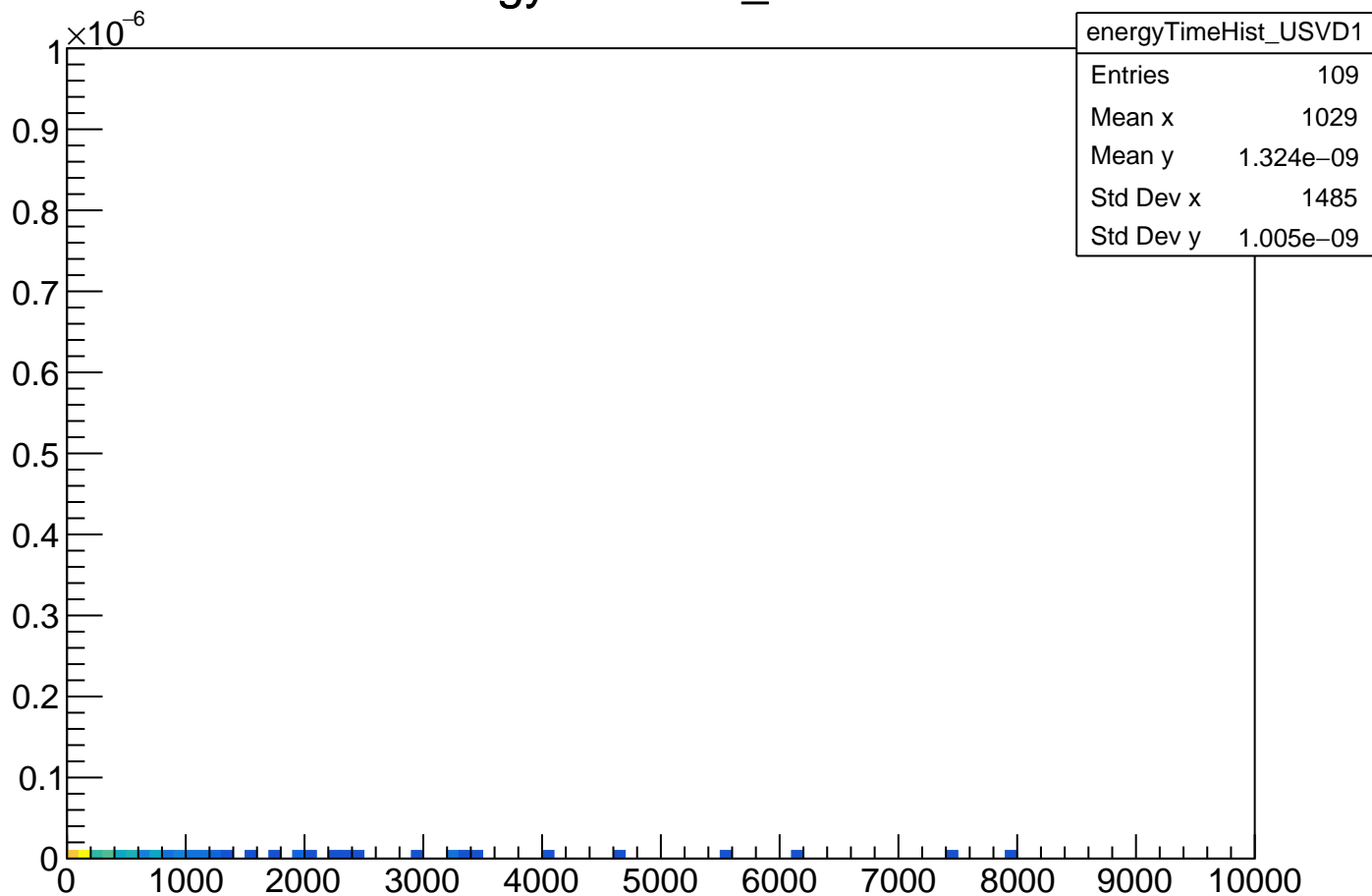
rapidAngleHist_USVD1



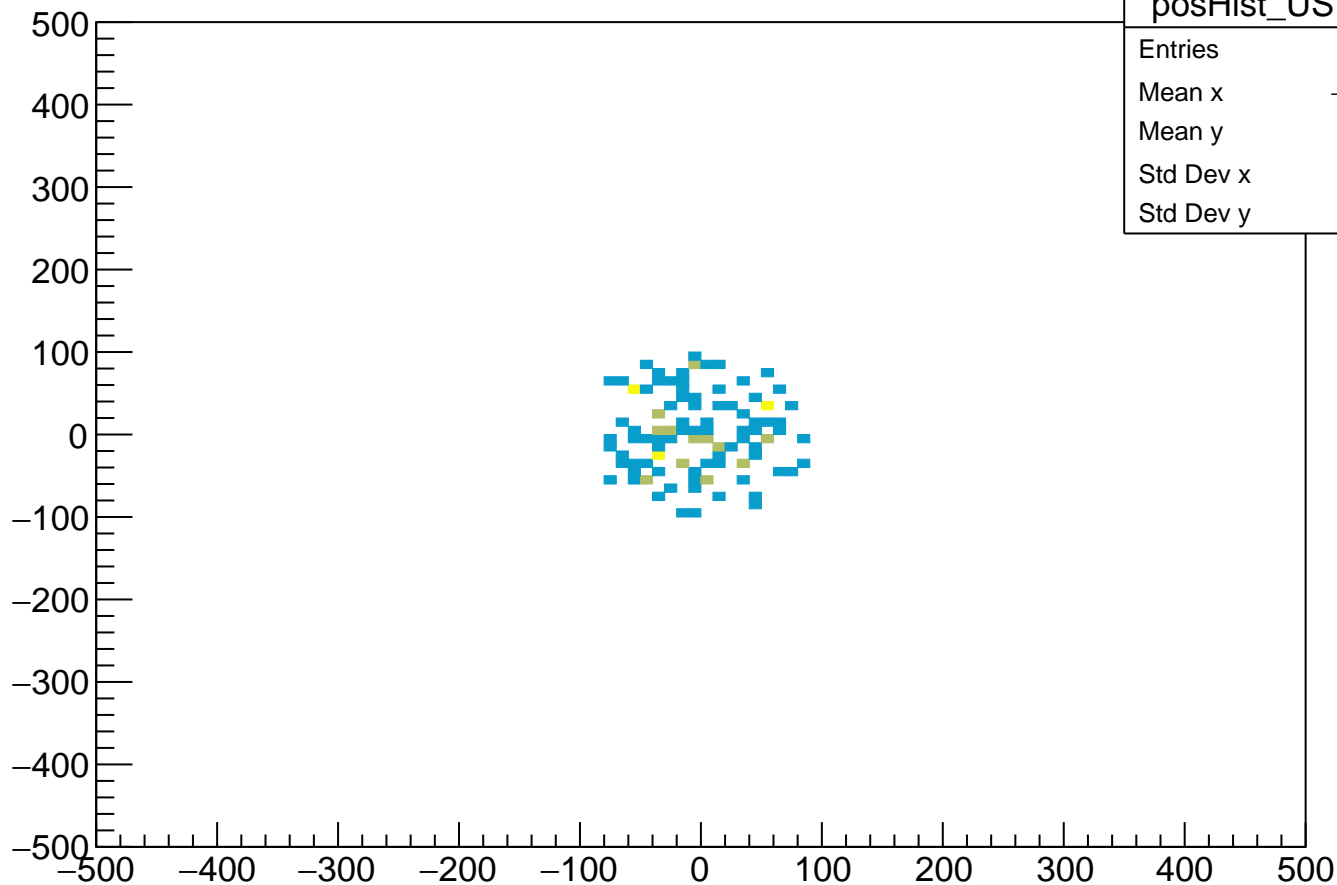
rapidTimeHist_USVD1



energyTimeHist_USVD1



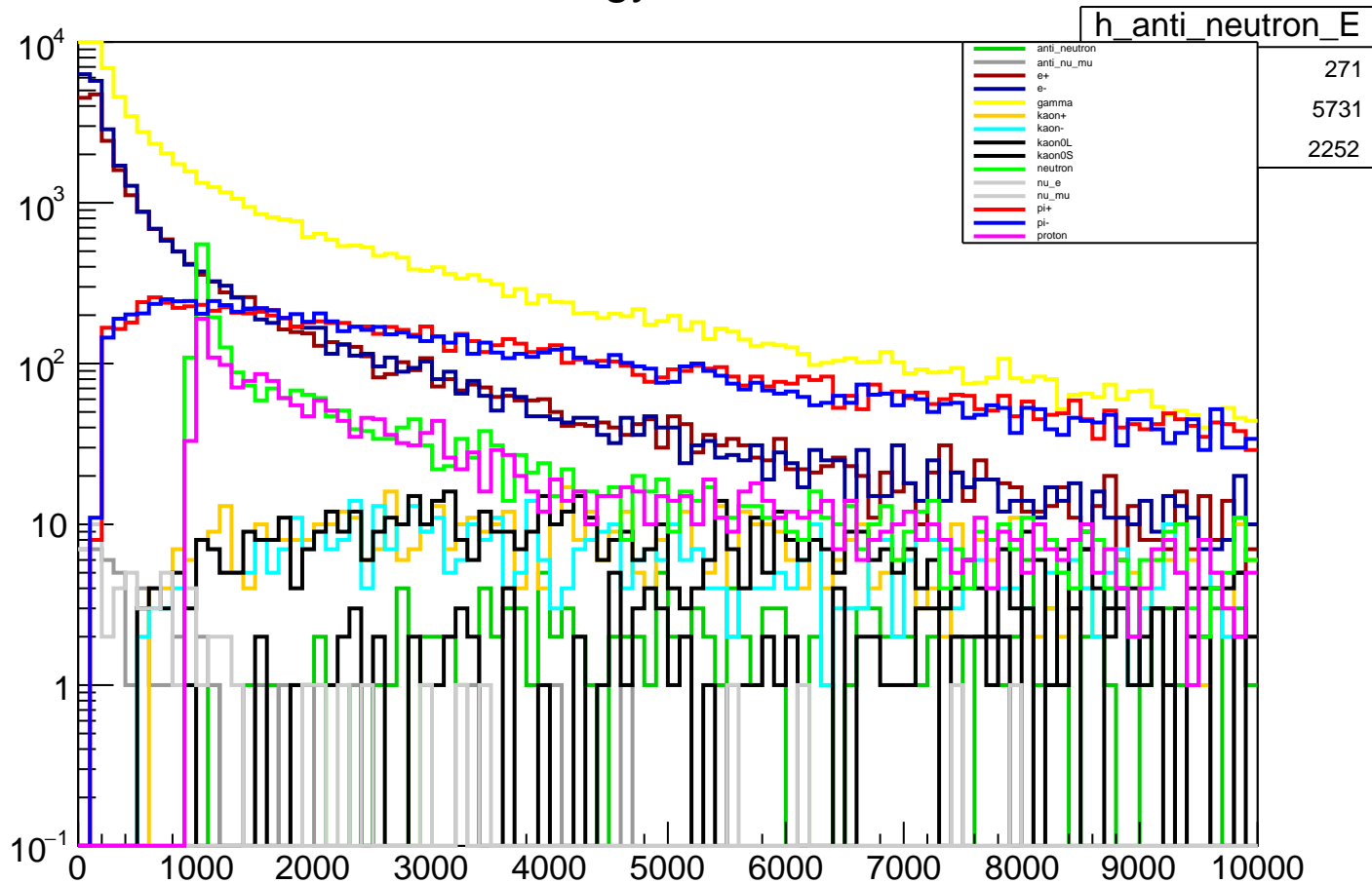
posHist_USVD1



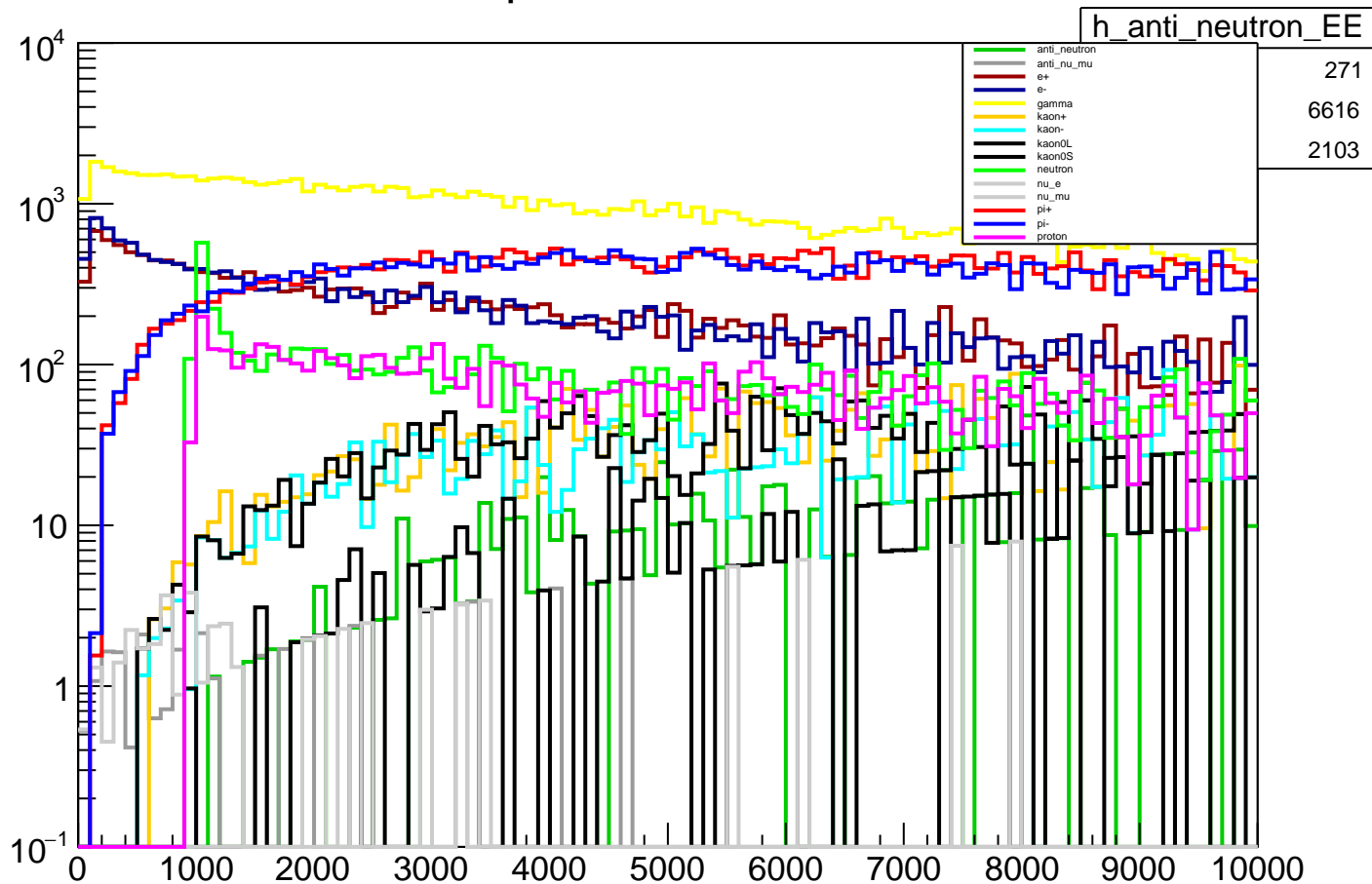
posHist_USVD1

Entries	109
Mean x	-3.434
Mean y	1.82
Std Dev x	40.99
Std Dev y	46.14

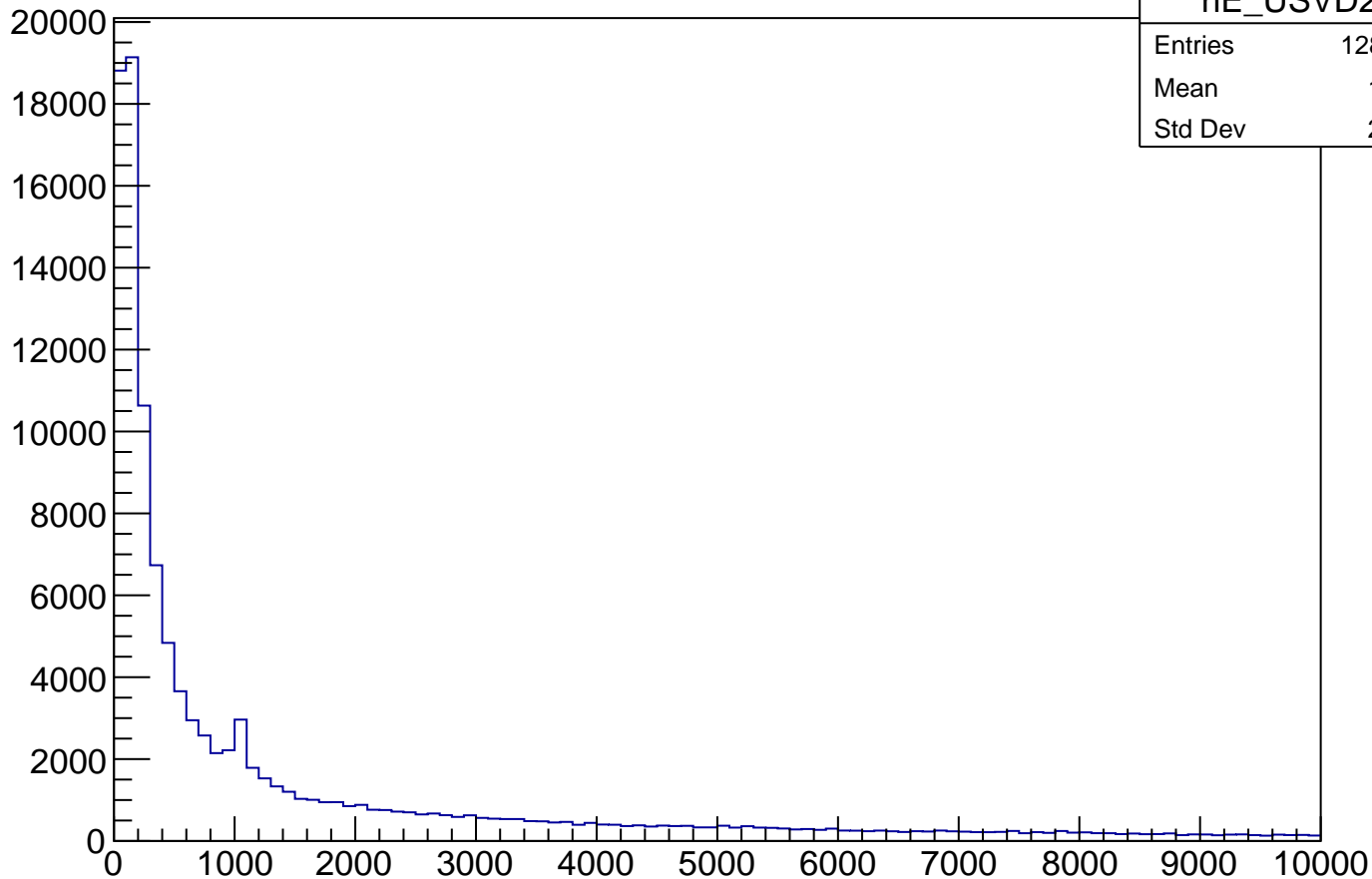
Energy_USVD1



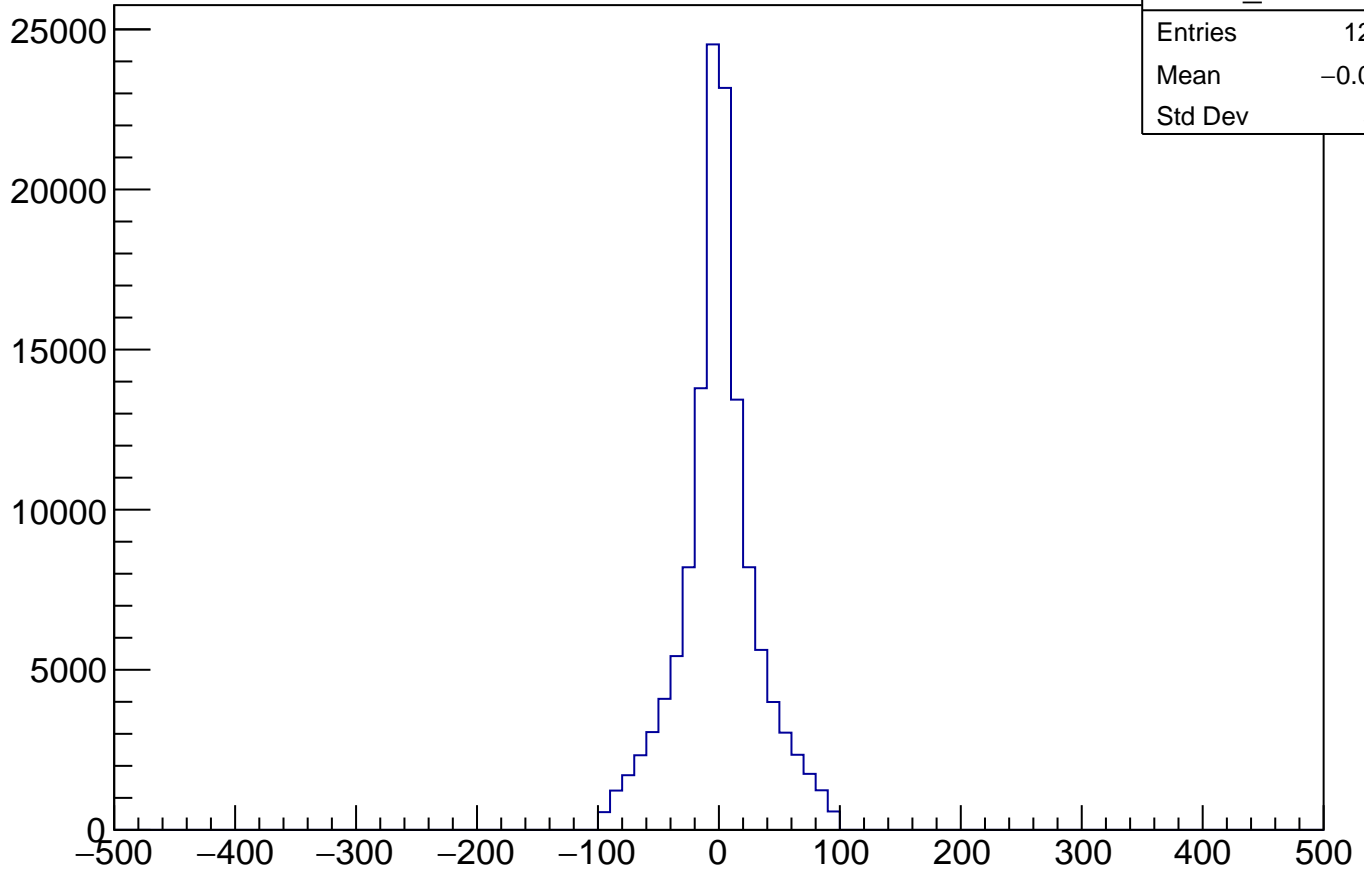
Spectrum_USVD1



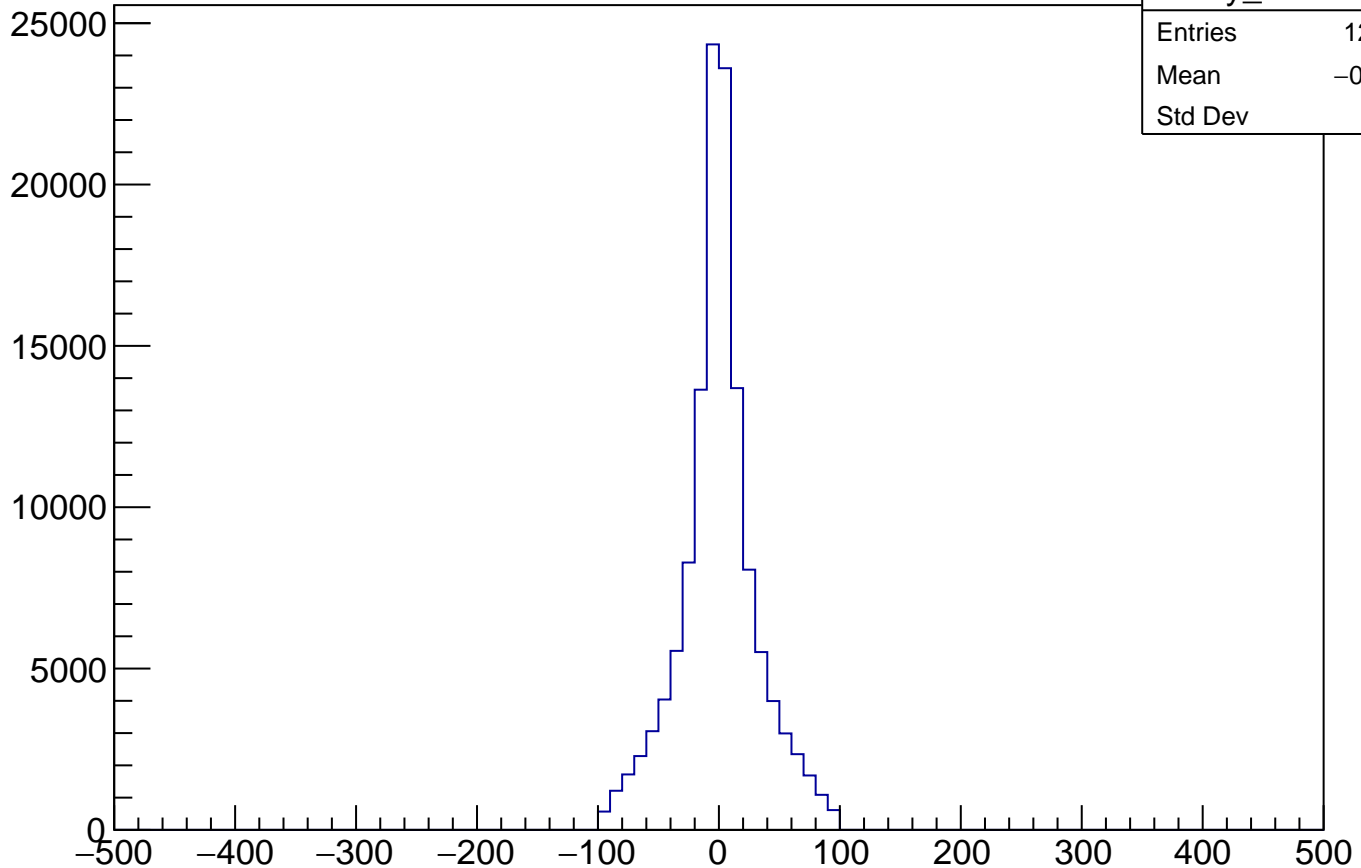
hE_USVD2



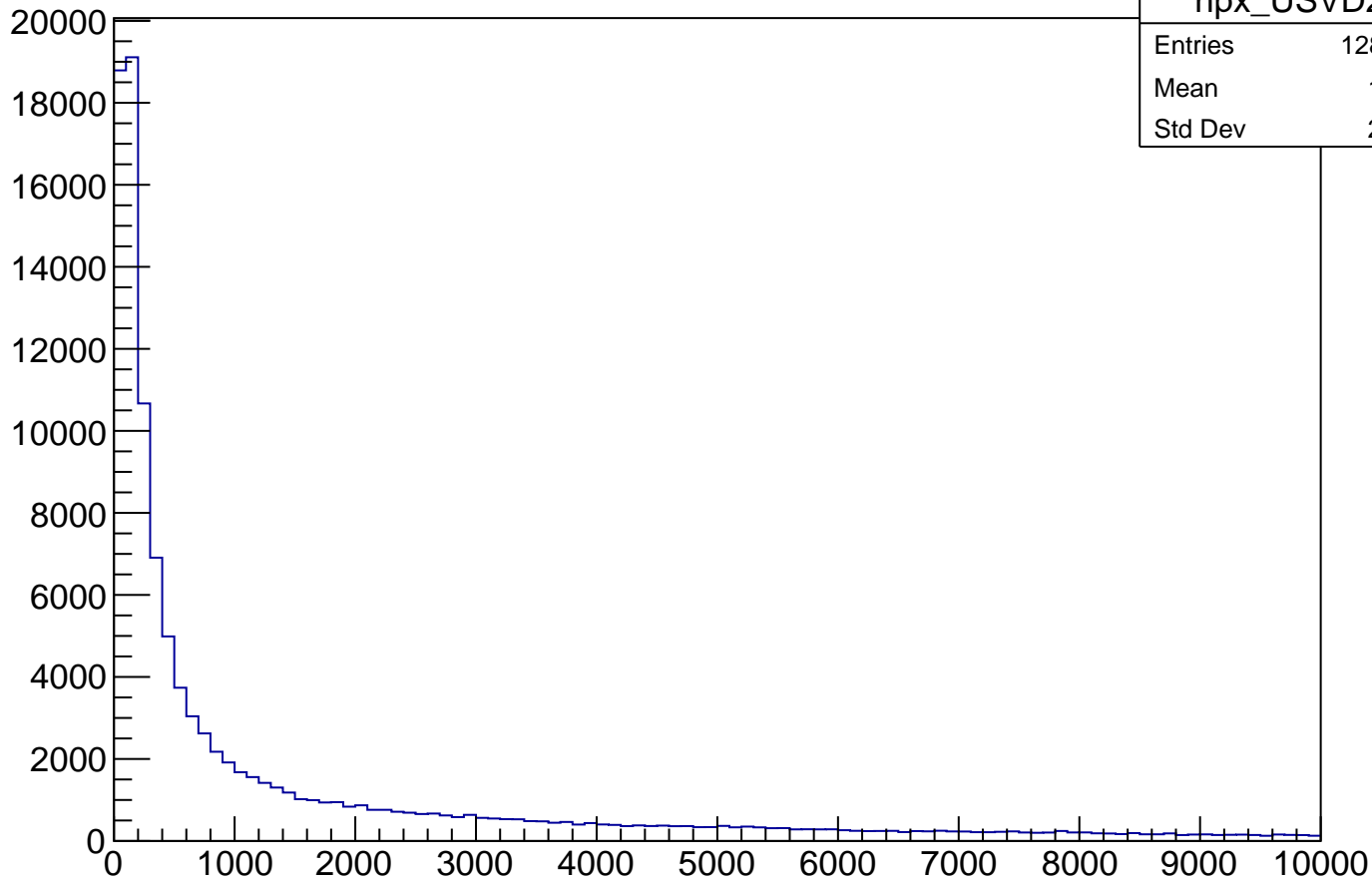
hx_USVD2



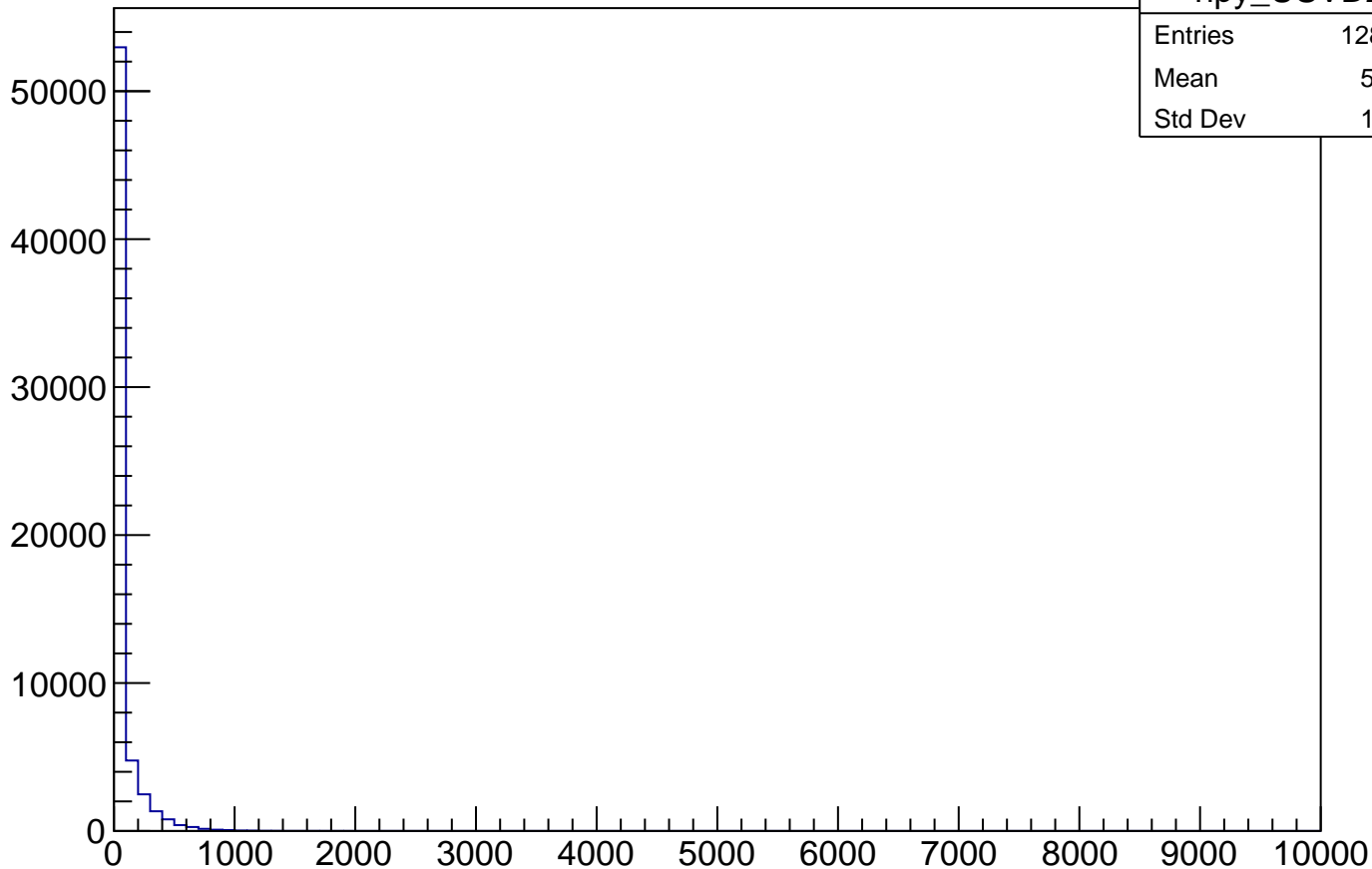
hy_USVD2



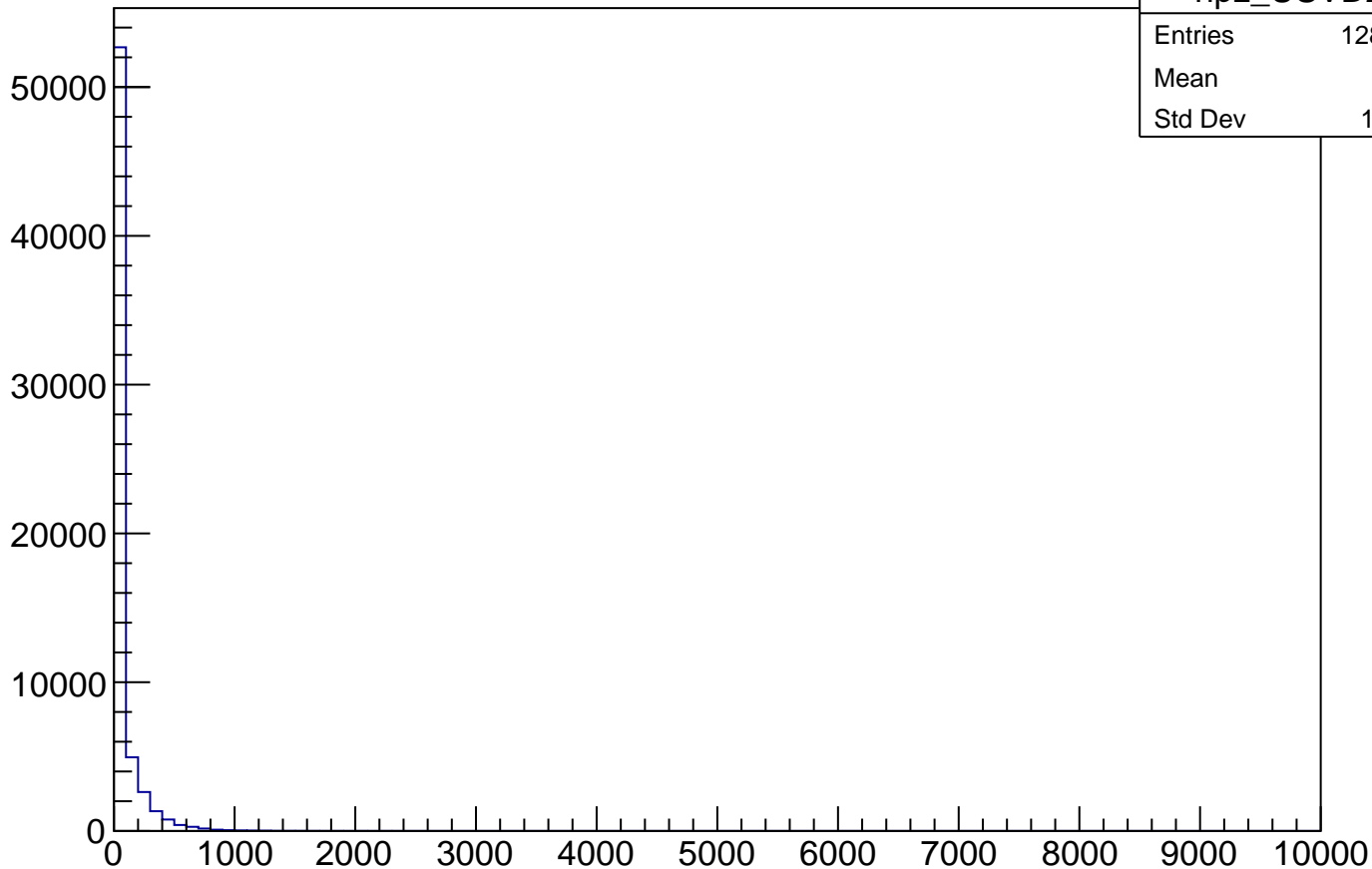
hpx_USVD2



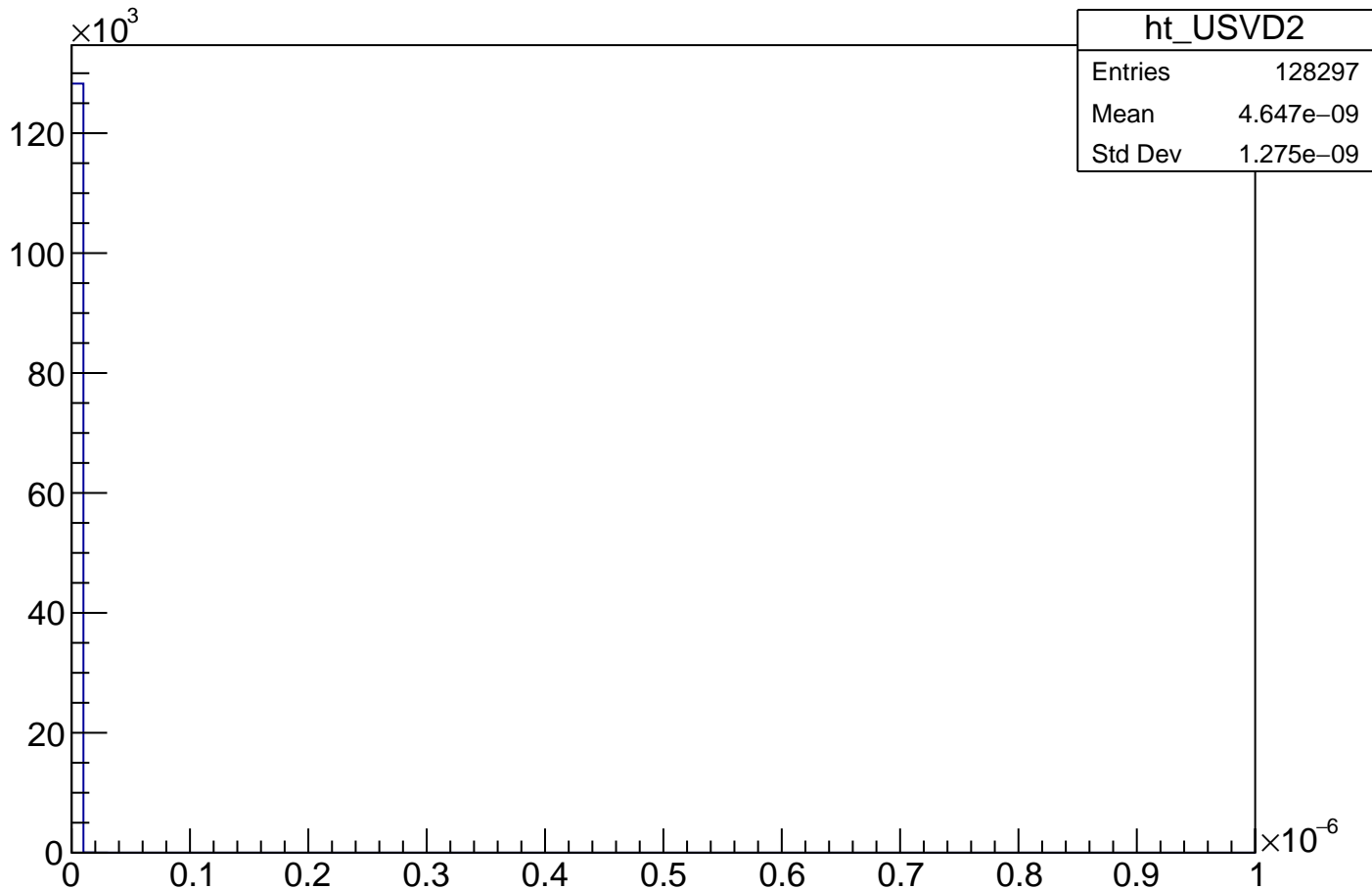
hpy_USVD2



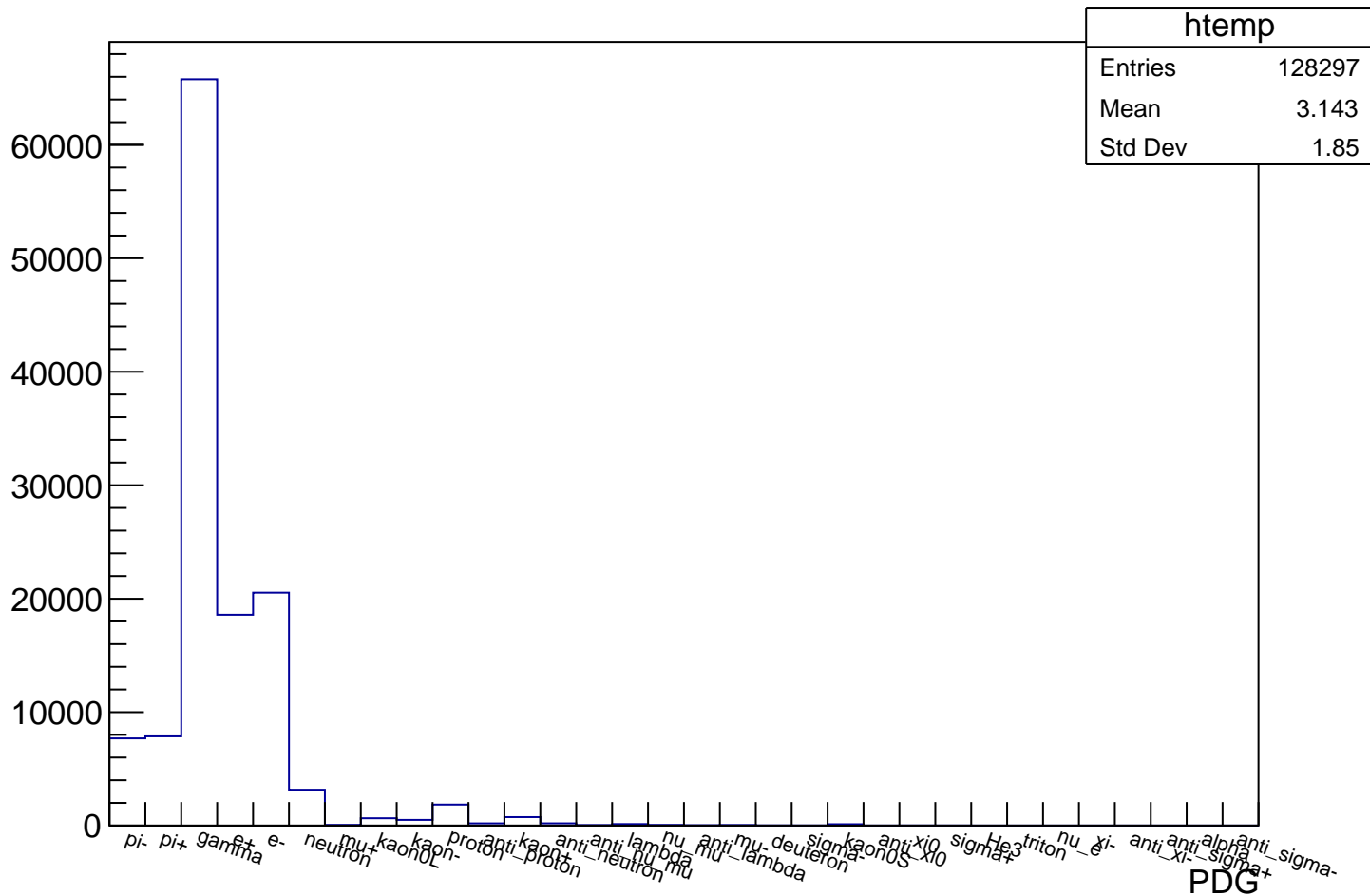
hpz_USVD2



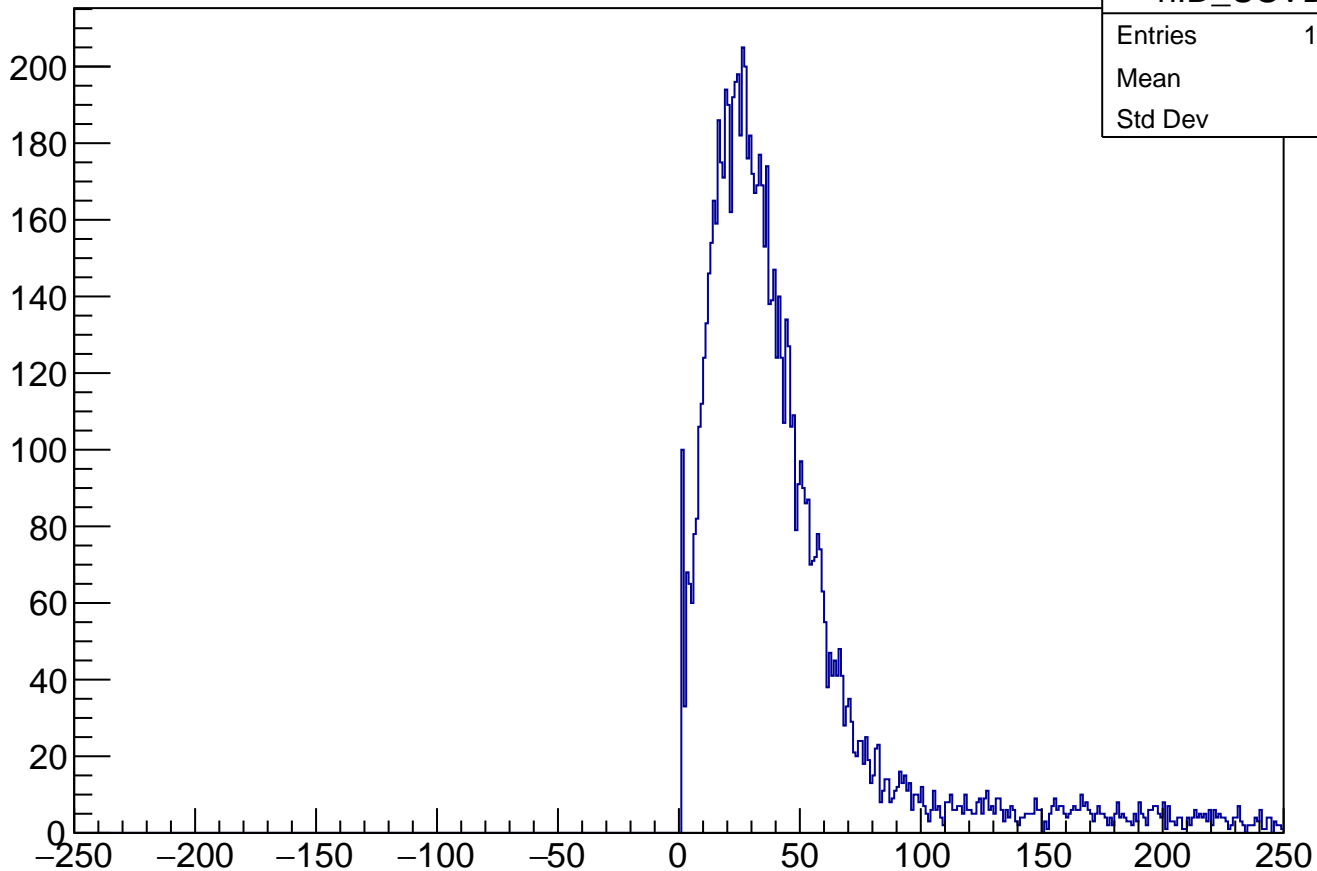
ht_USVD2



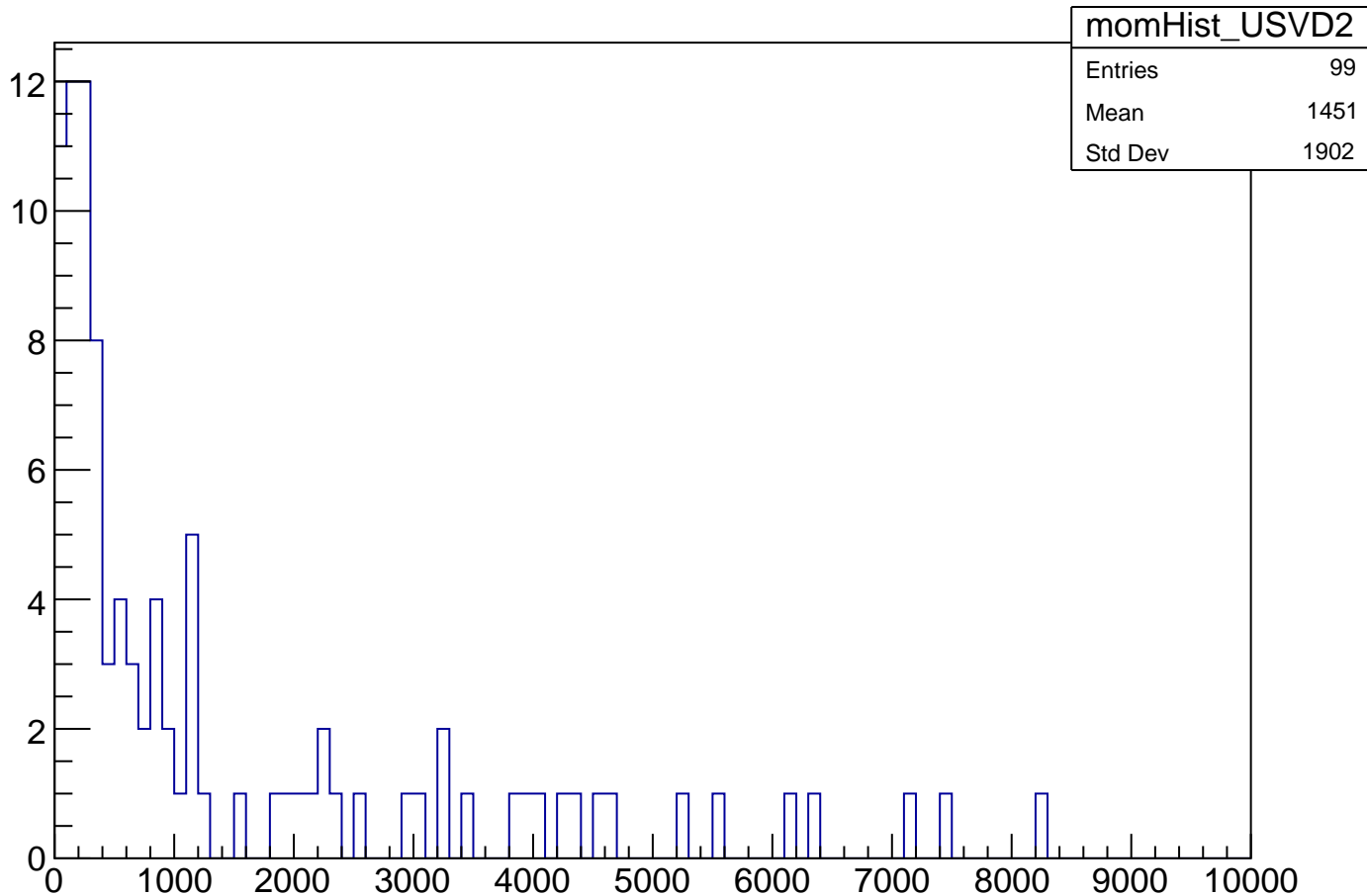
PDG



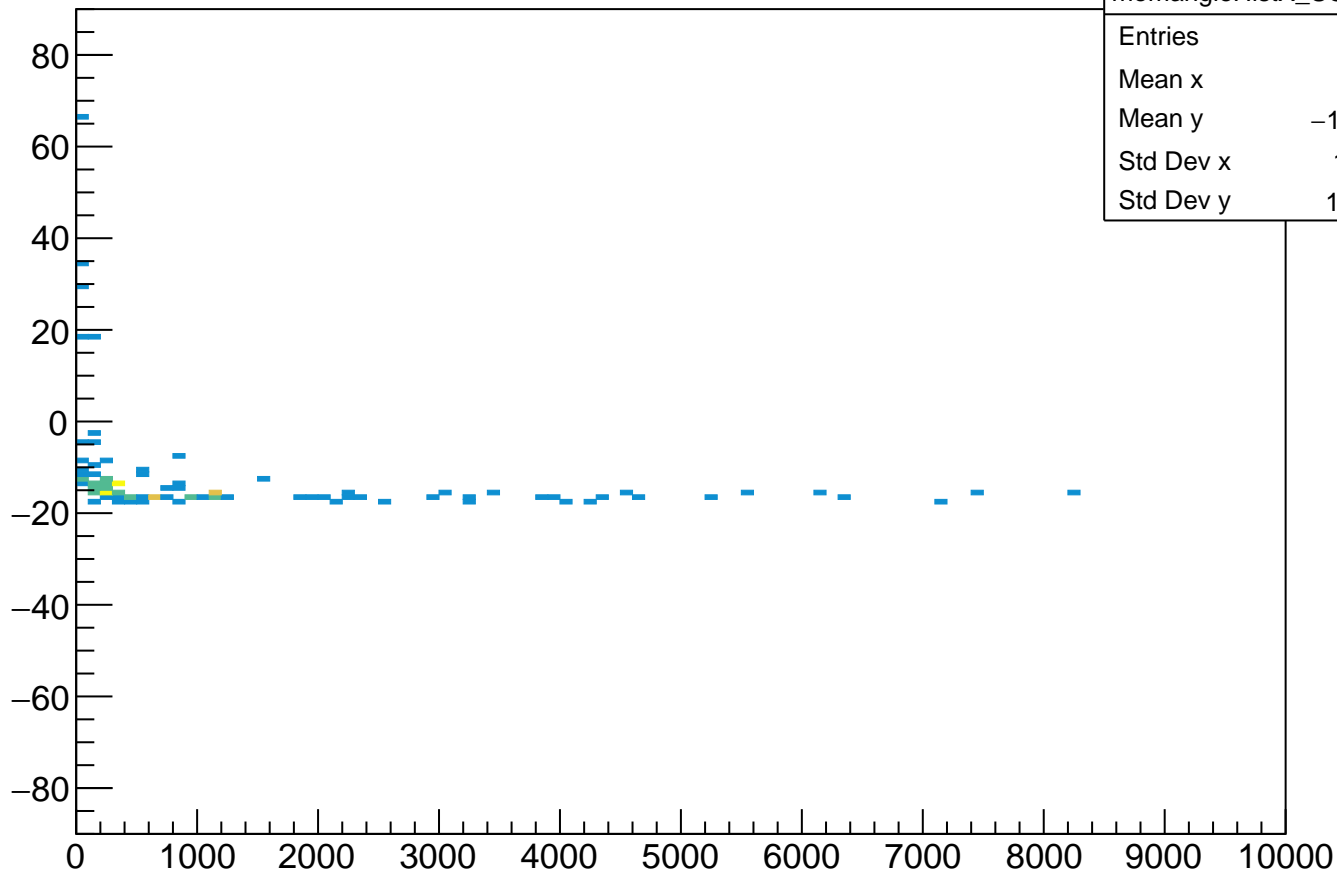
hID_USVD2



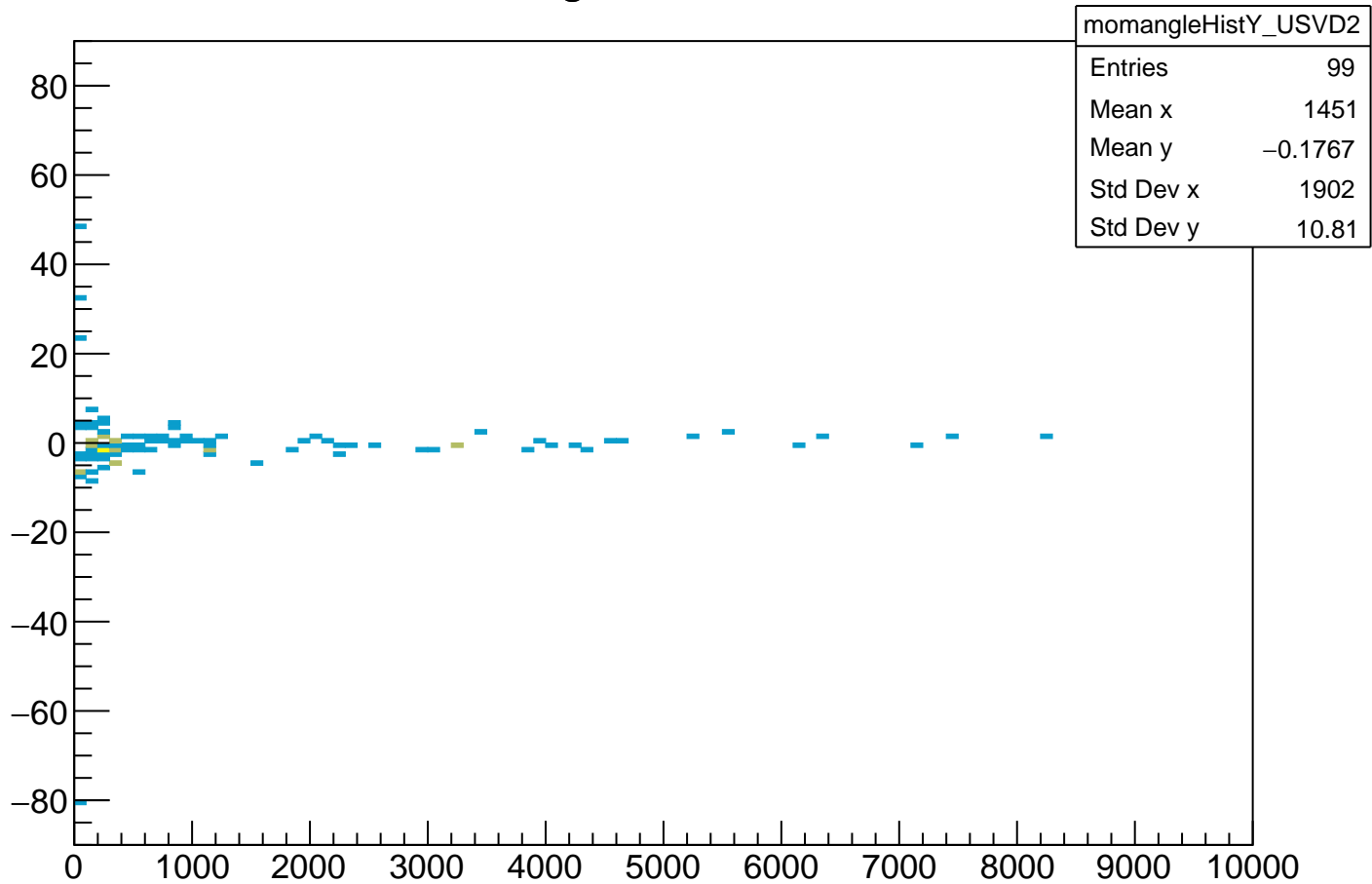
momHist_USVD2



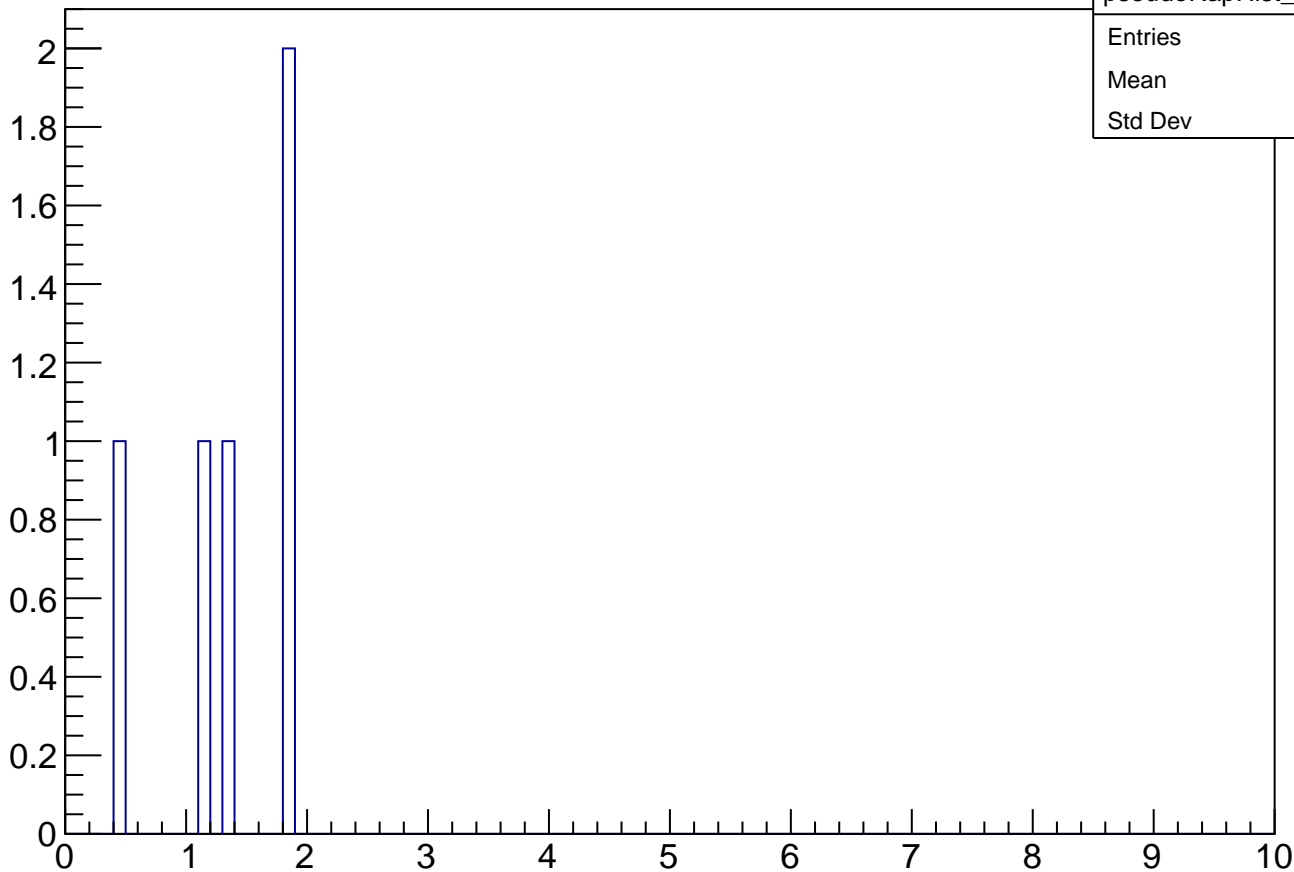
momangleHistX_USVD2



momangleHistY_USVD2

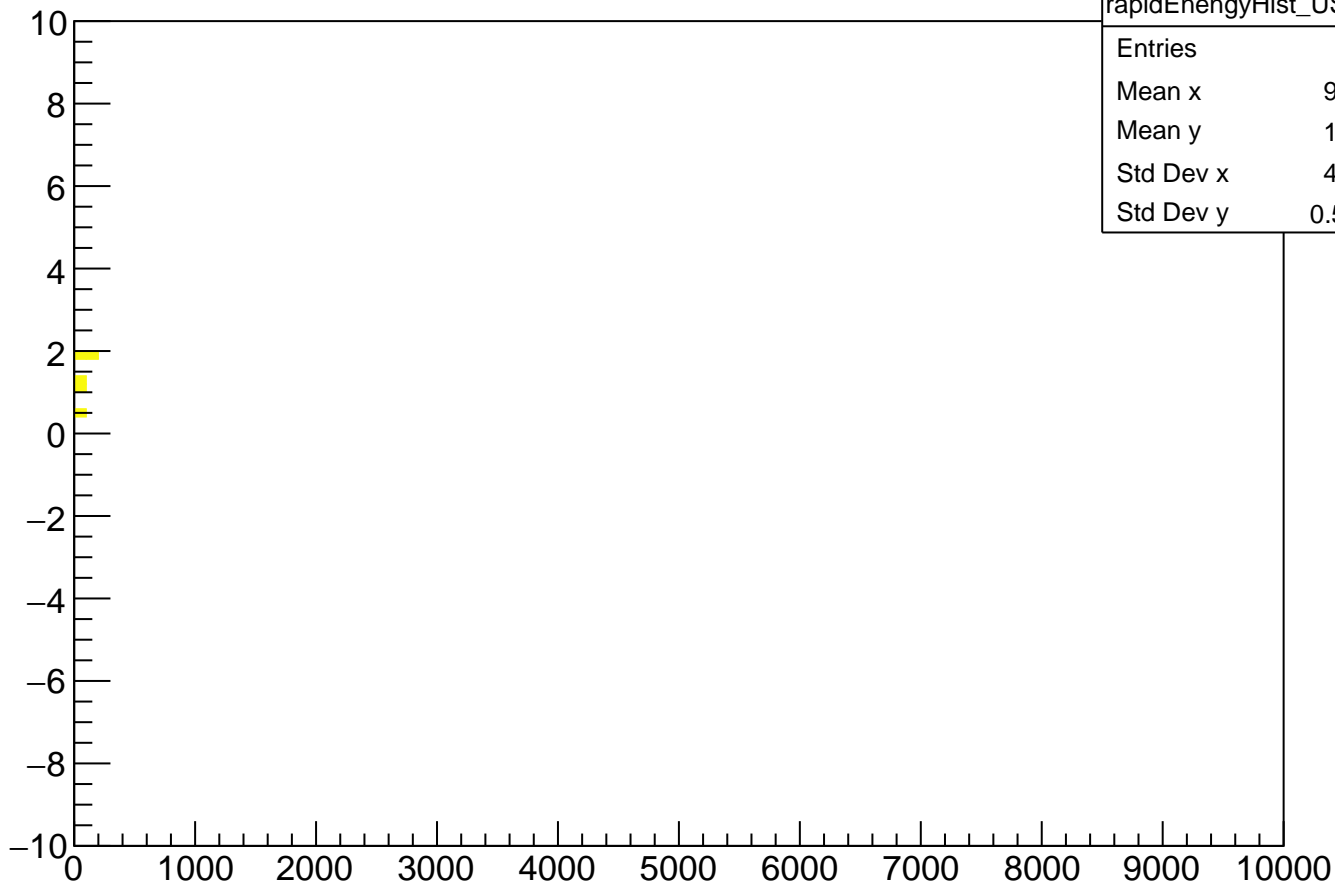


pseudoRapHist_USVD2



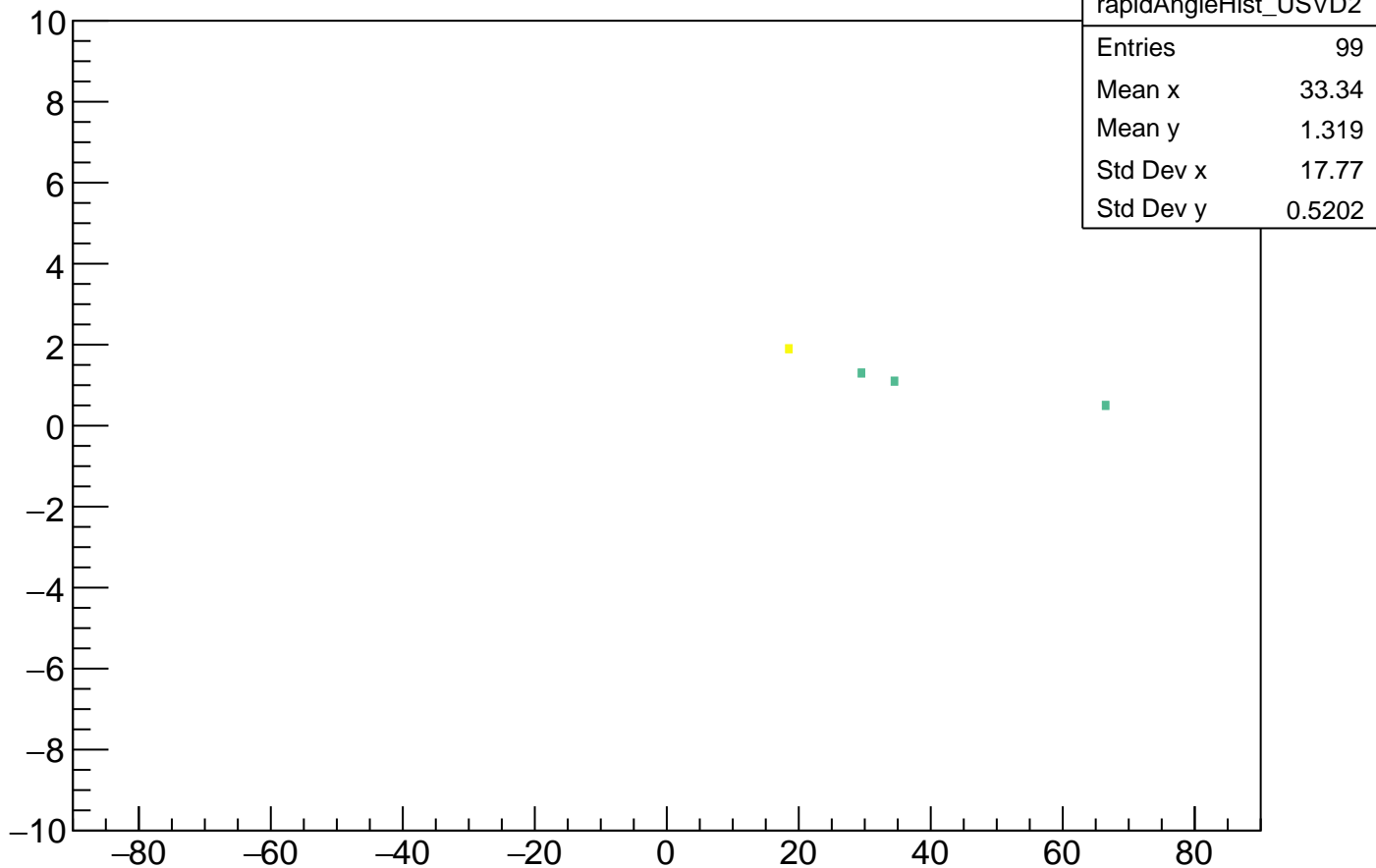
pseudoRapHist_USVD2	
Entries	99
Mean	1.319
Std Dev	0.5202

rapidEnergyHist_USVD2

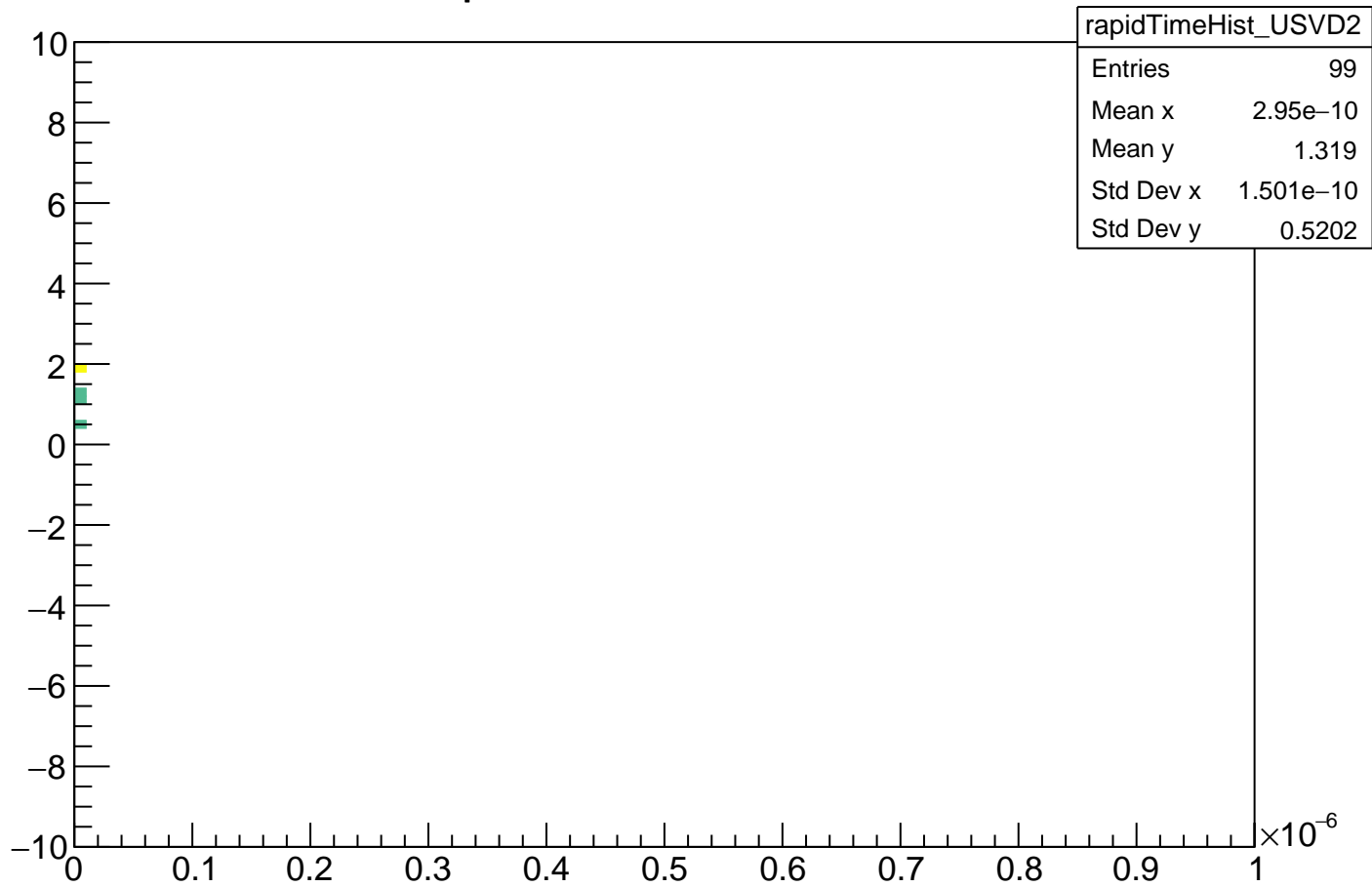


rapidEnergyHist_USVD2	
Entries	99
Mean x	94.76
Mean y	1.319
Std Dev x	49.77
Std Dev y	0.5202

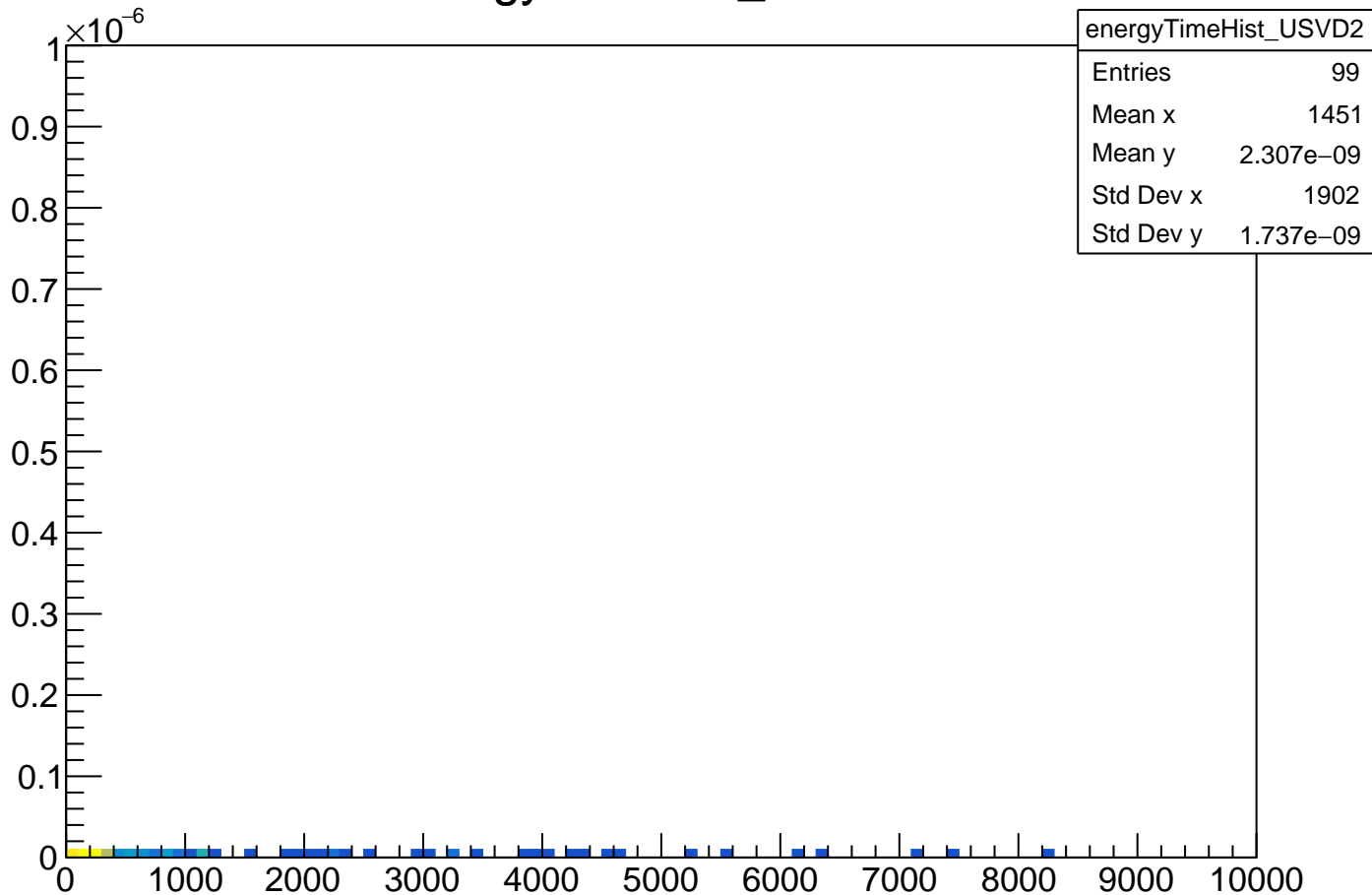
rapidAngleHist_USVD2



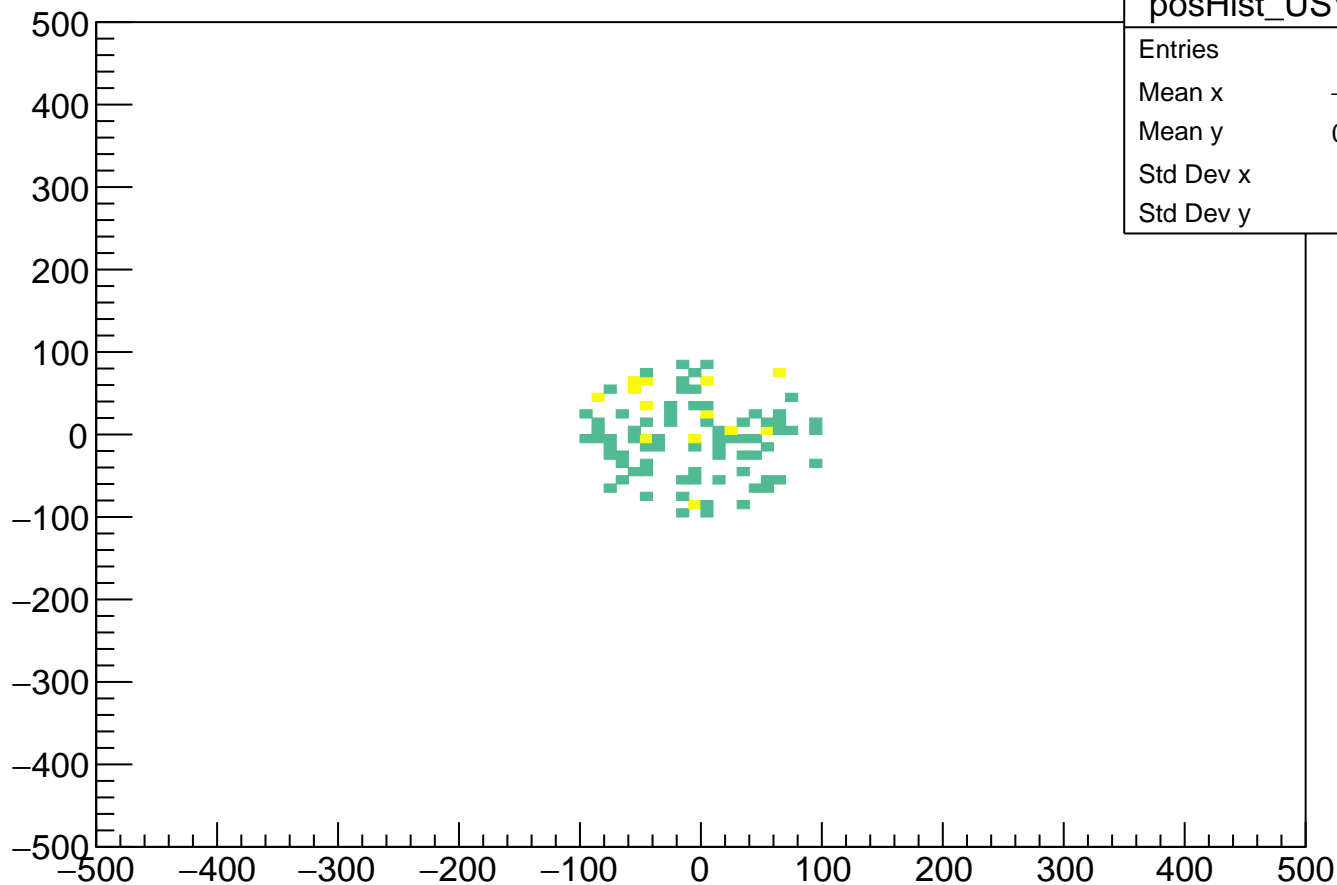
rapidTimeHist_USVD2



energyTimeHist_USVD2



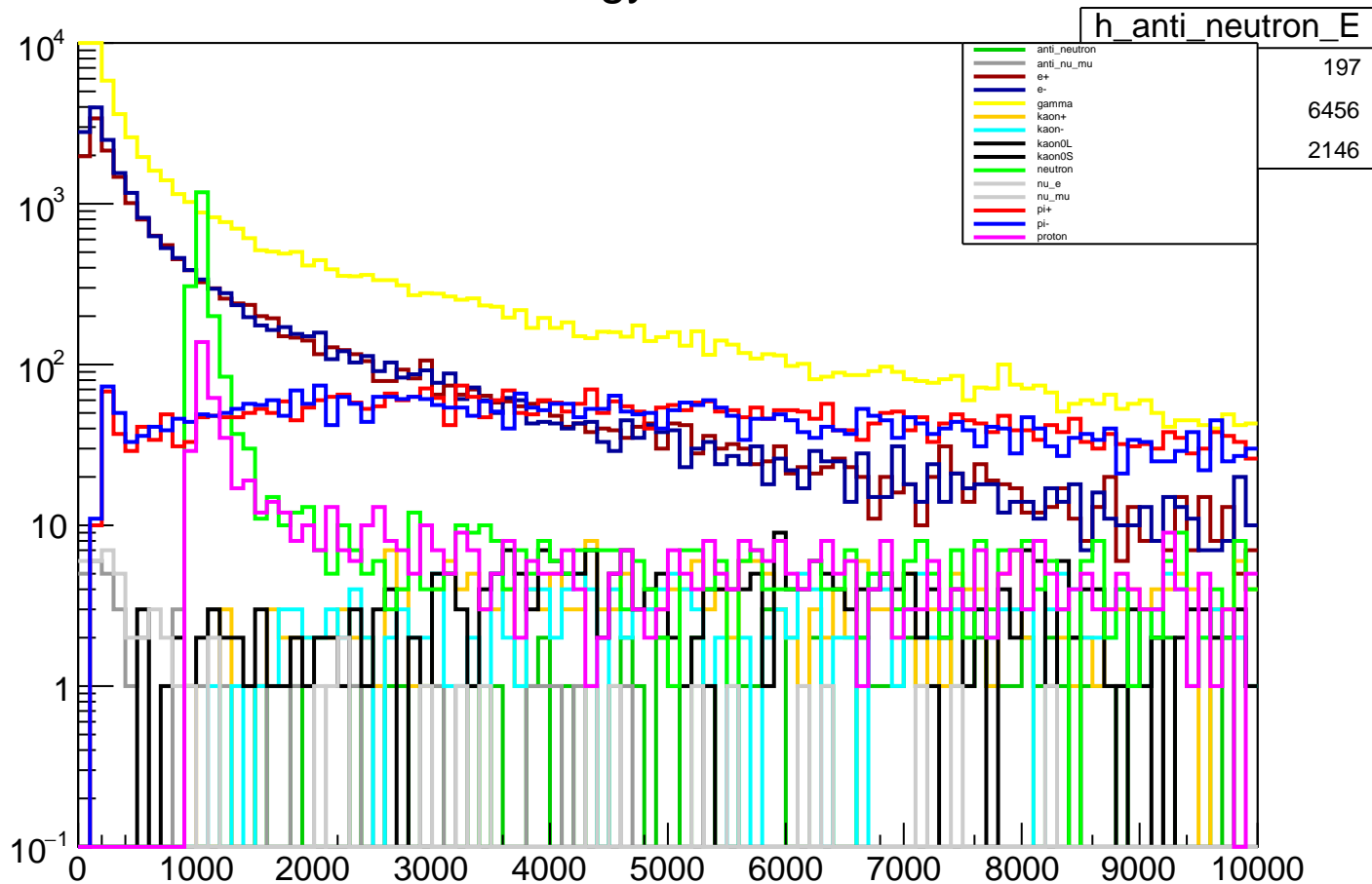
posHist_USVD2



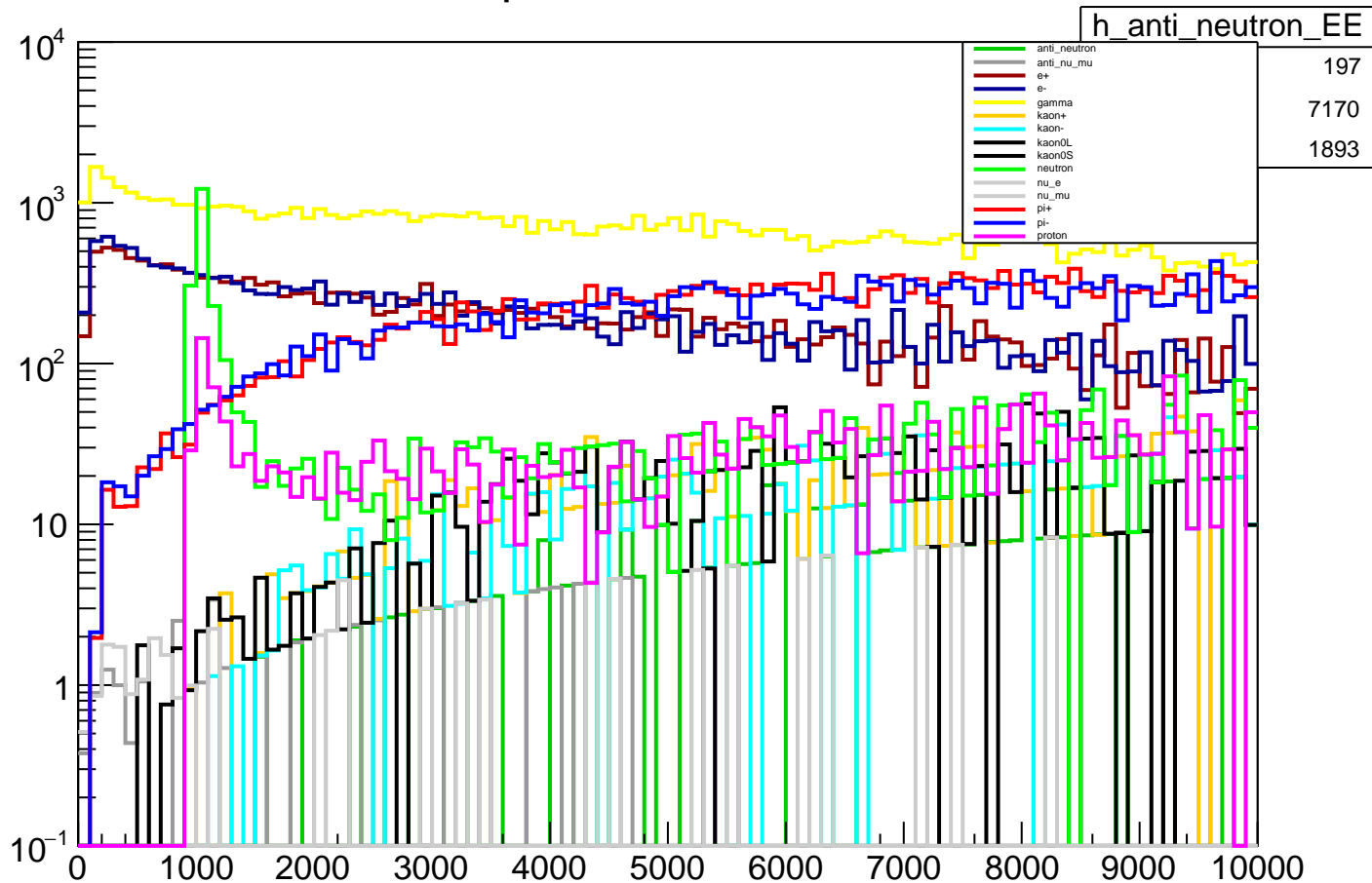
posHist_USVD2

Entries	99
Mean x	-7.698
Mean y	0.3415
Std Dev x	49.58
Std Dev y	44.97

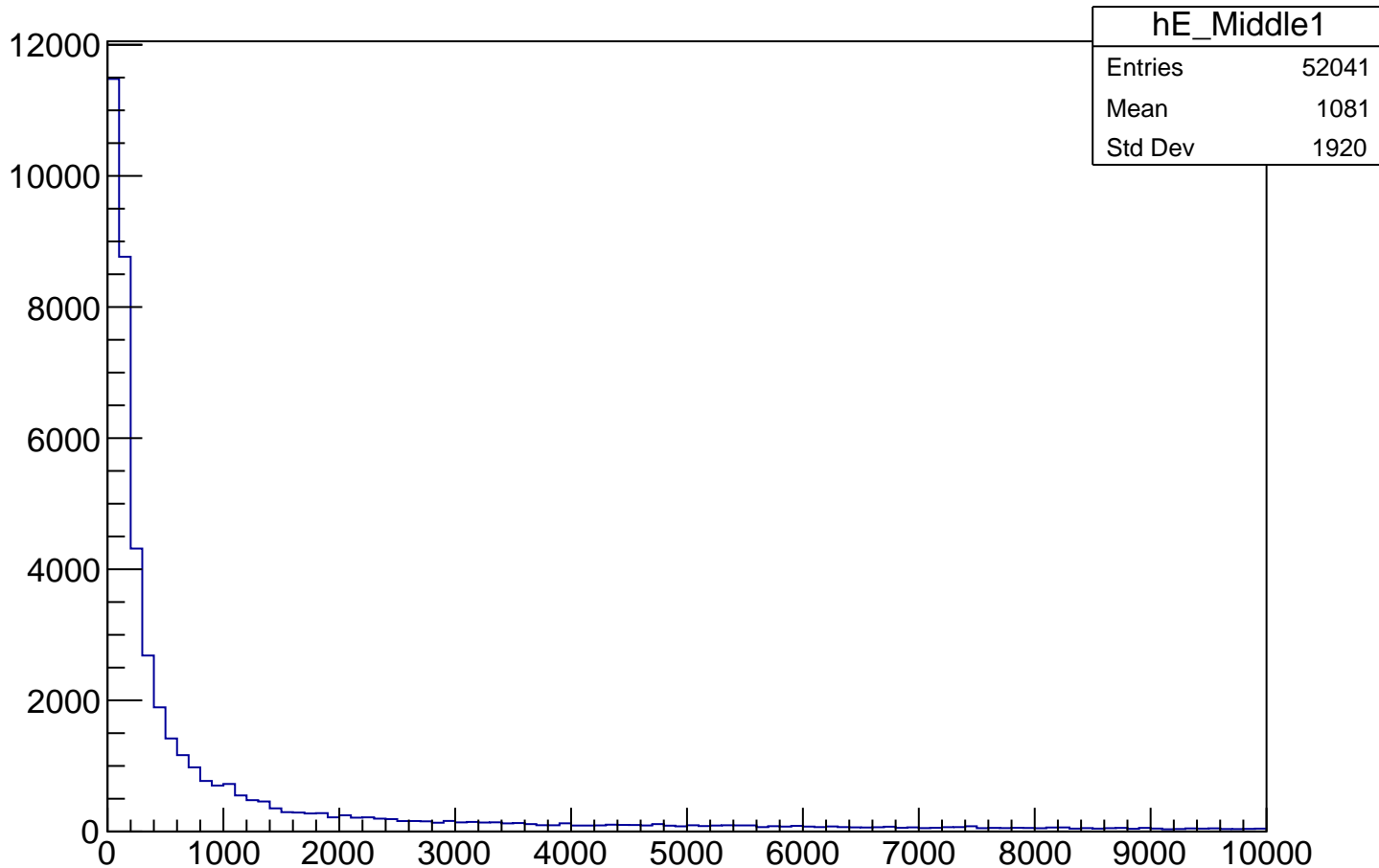
Energy_USVD2



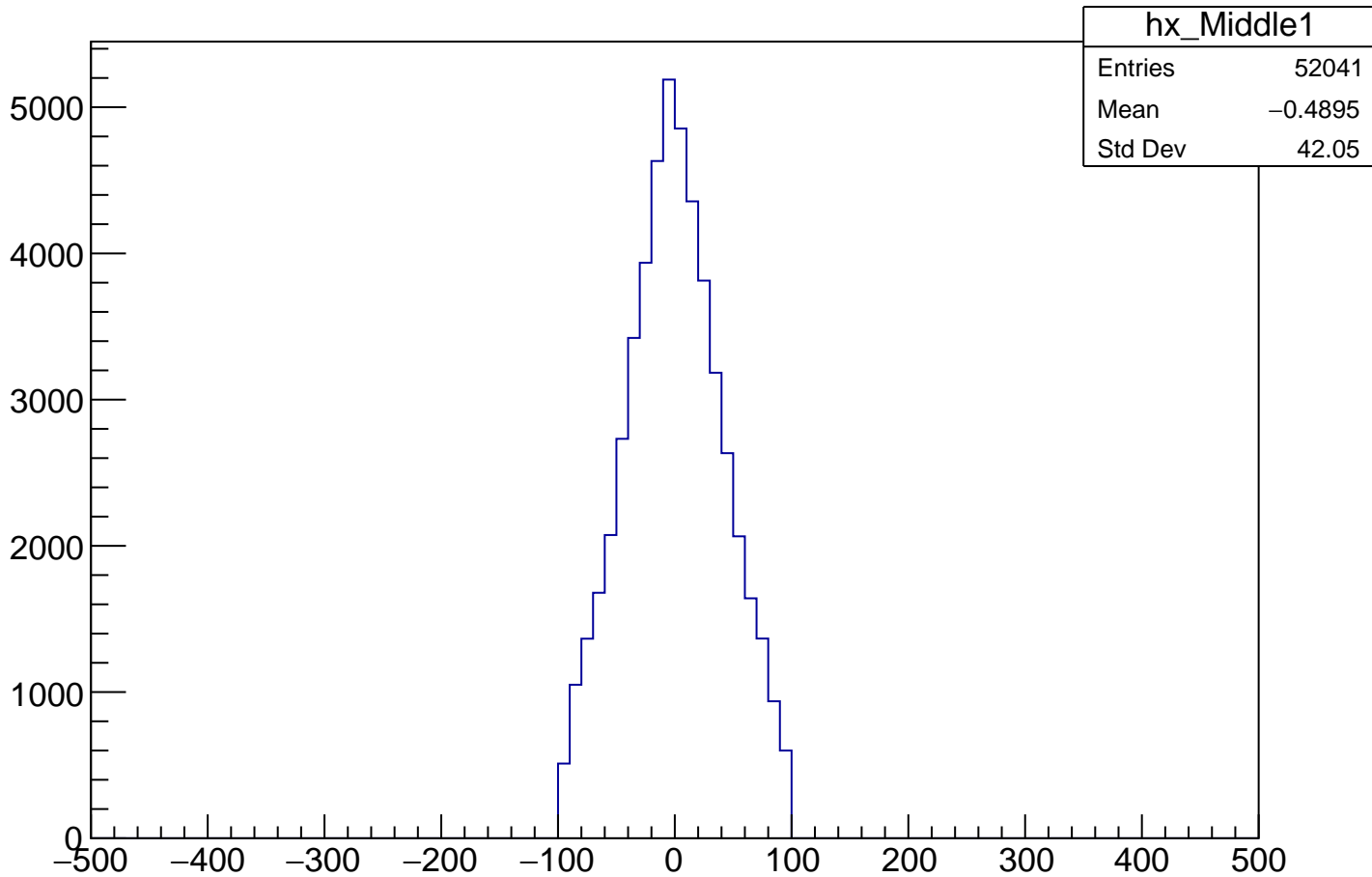
Spectrum_USVD2



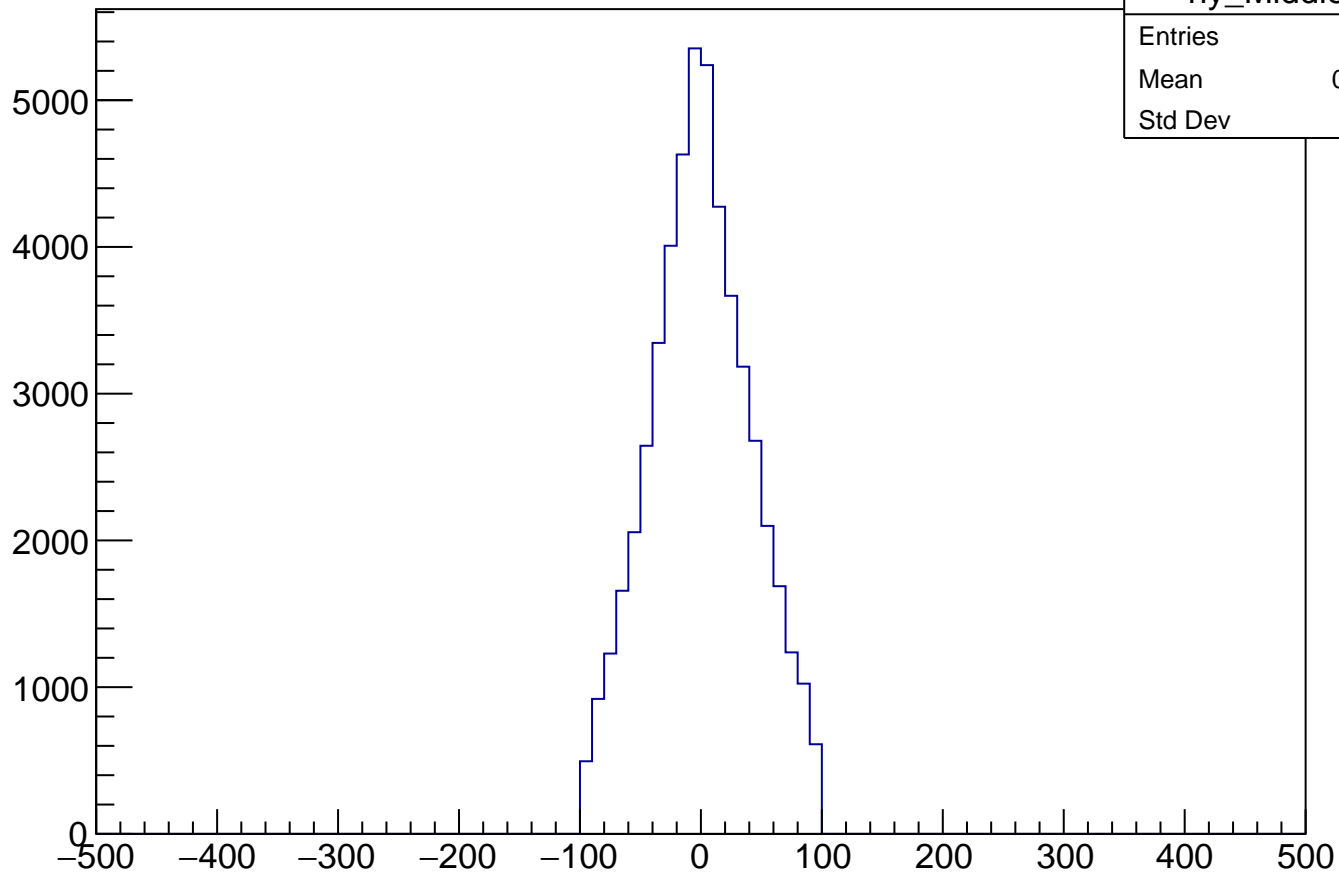
hE_Middle1



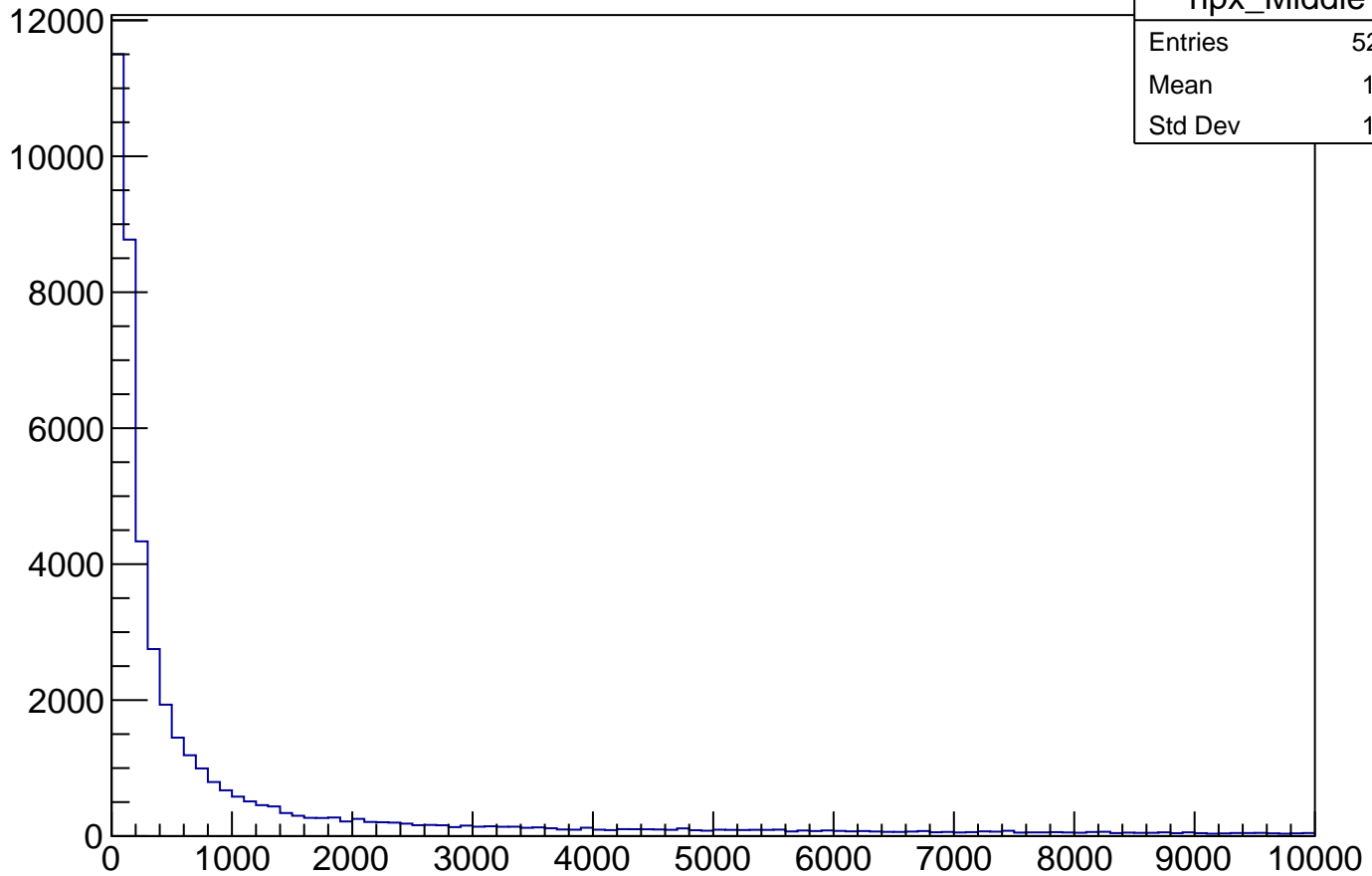
hx_Middle1



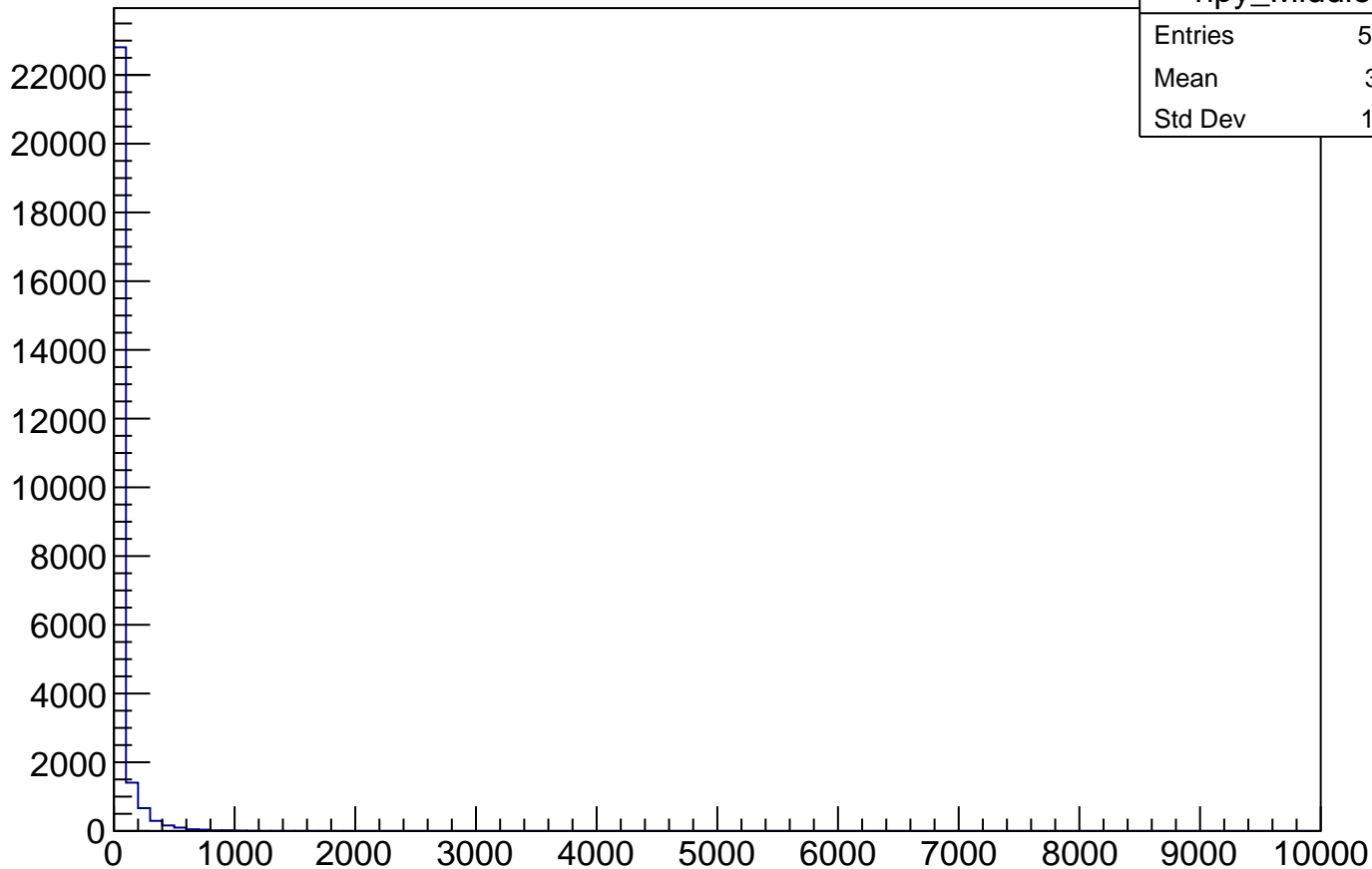
hy_Middle1



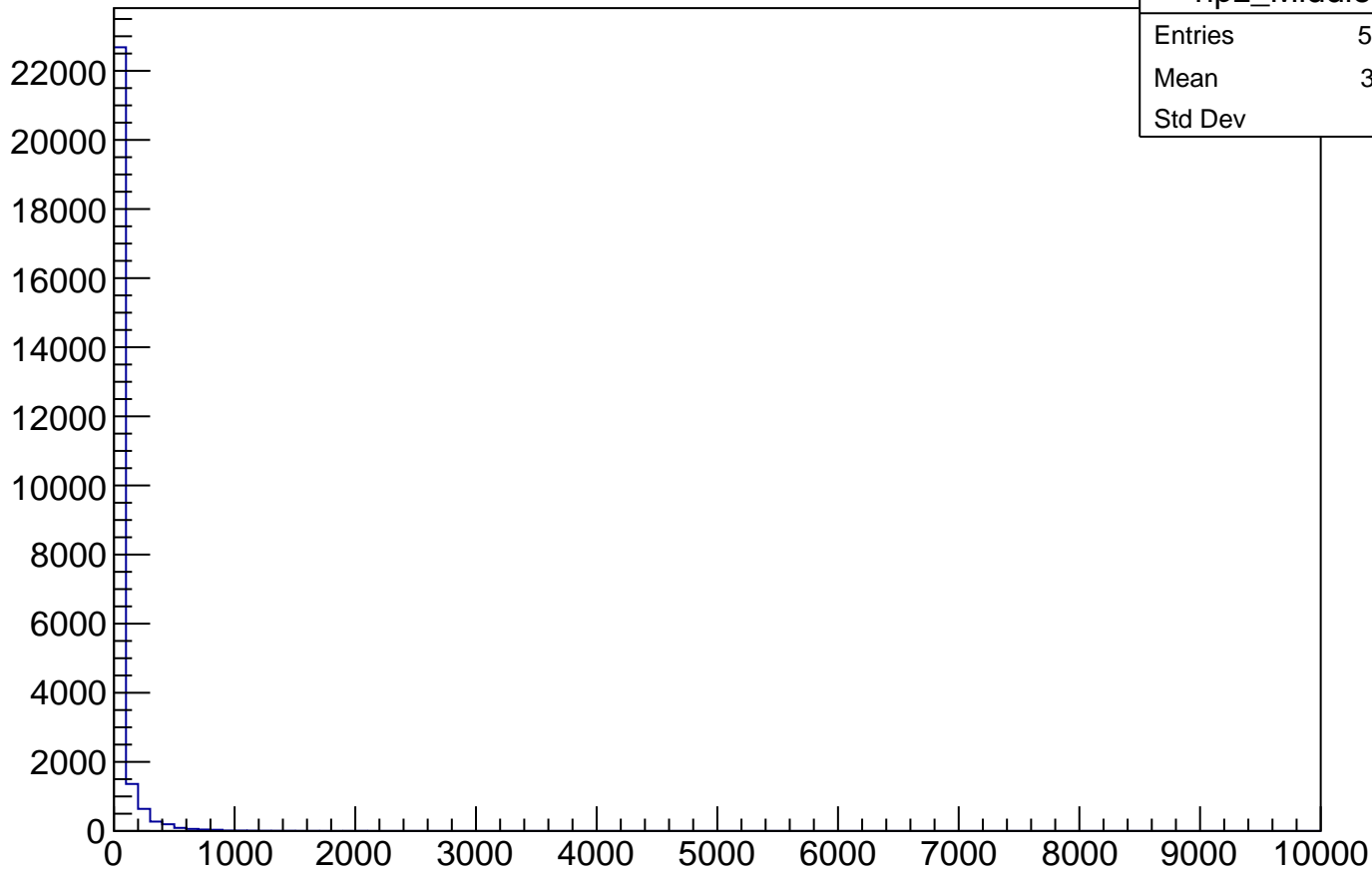
hpx_Middle1



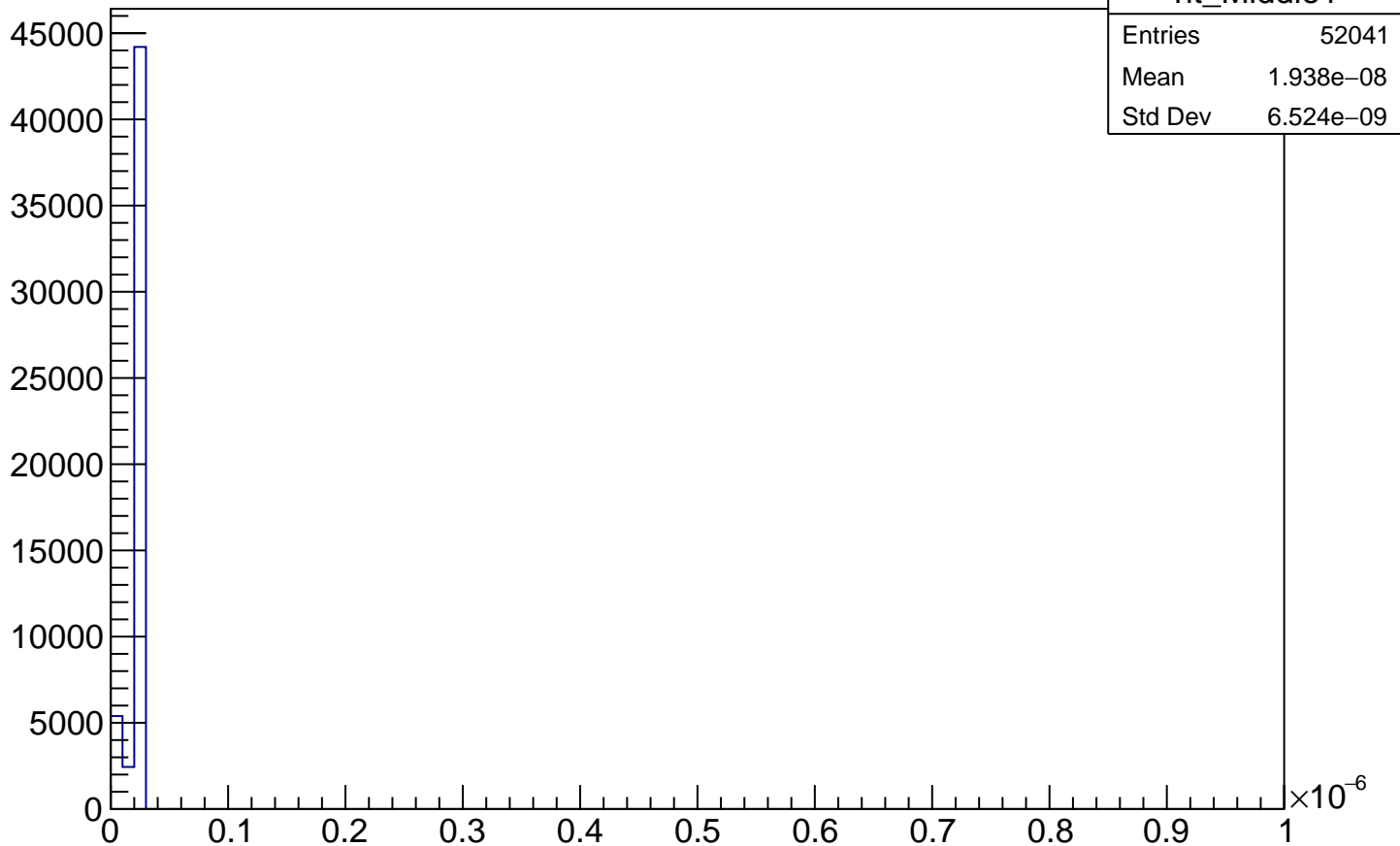
hpy_Middle1



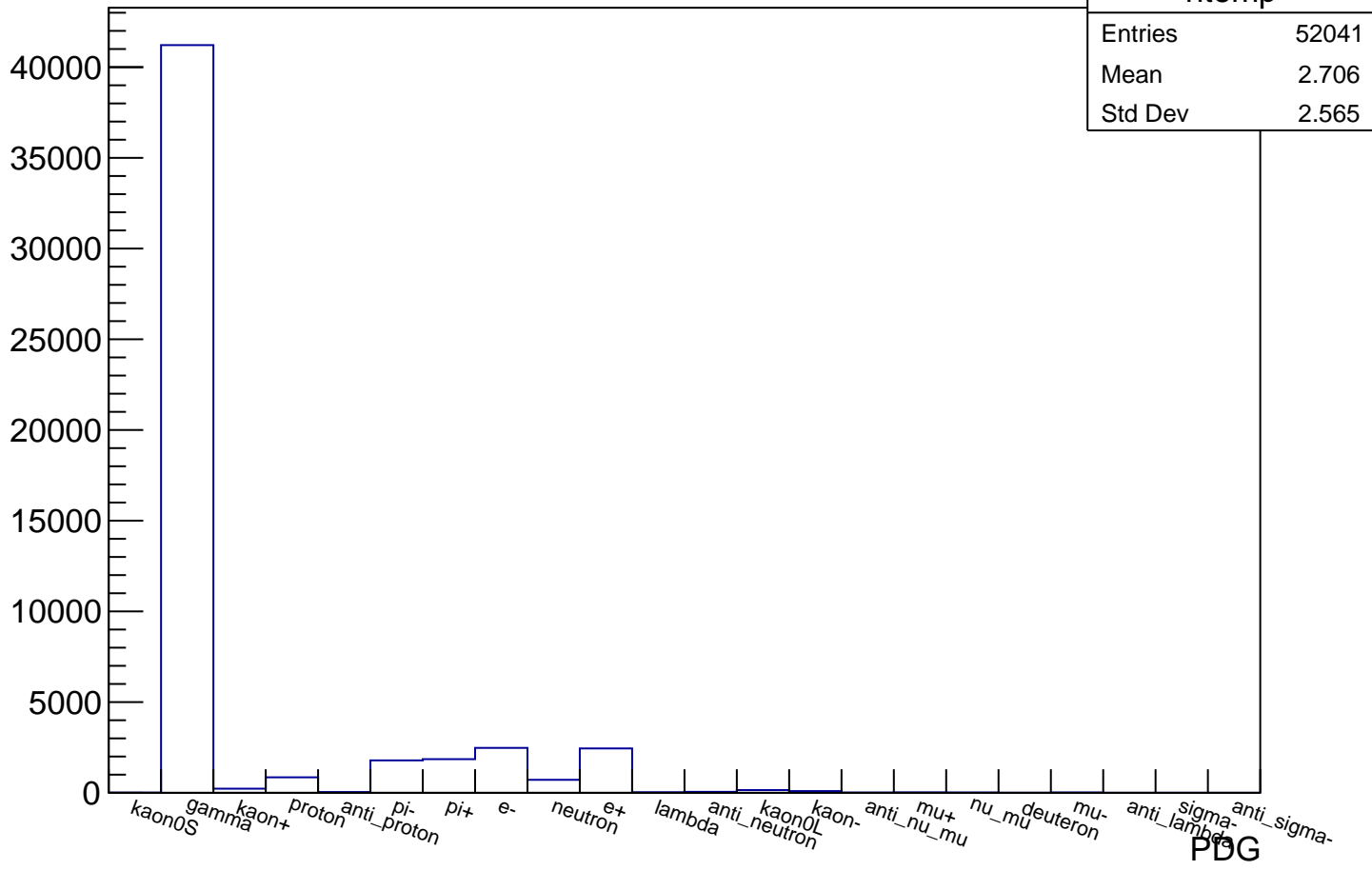
hpz_Middle1



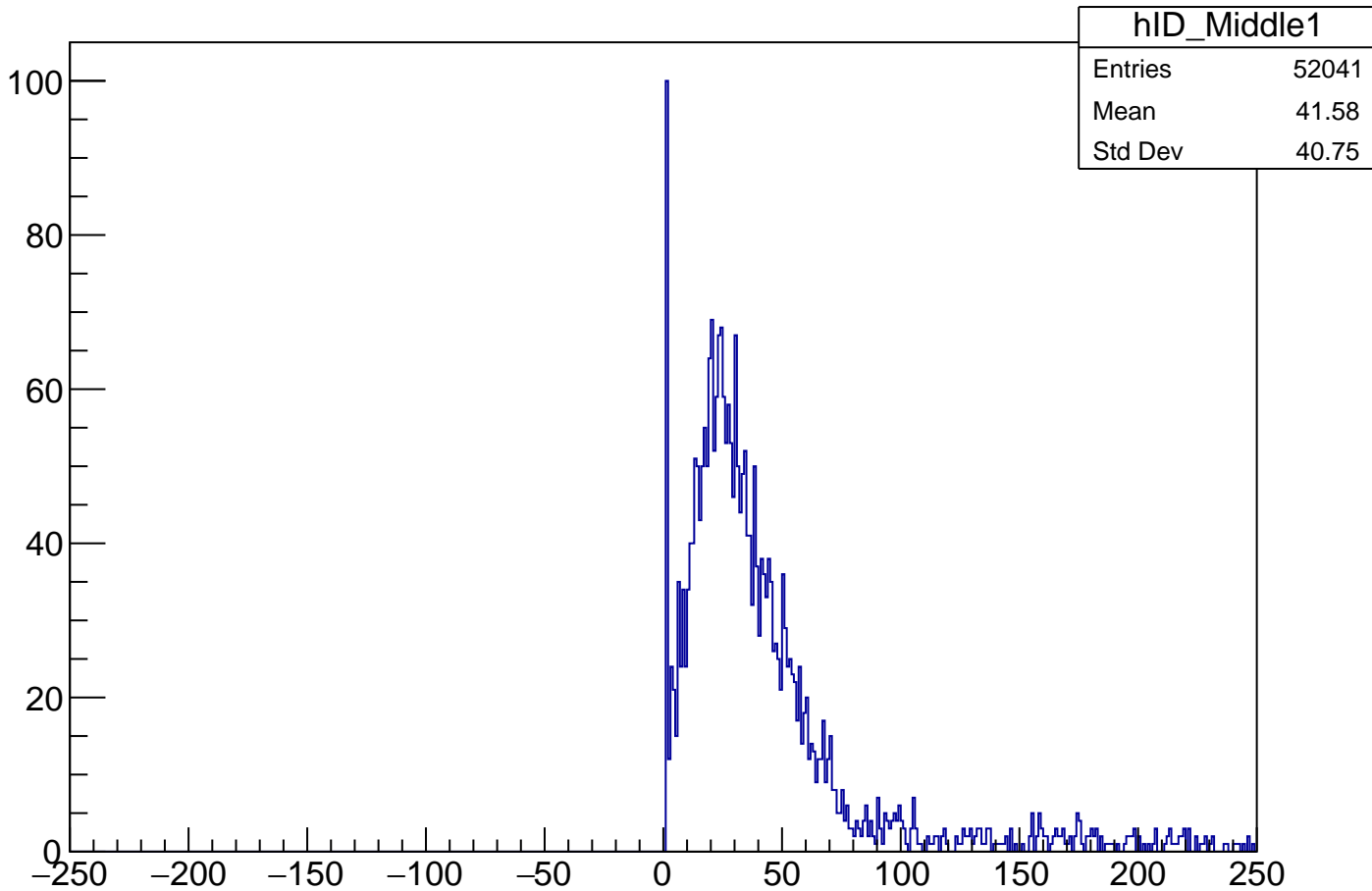
ht_Middle1



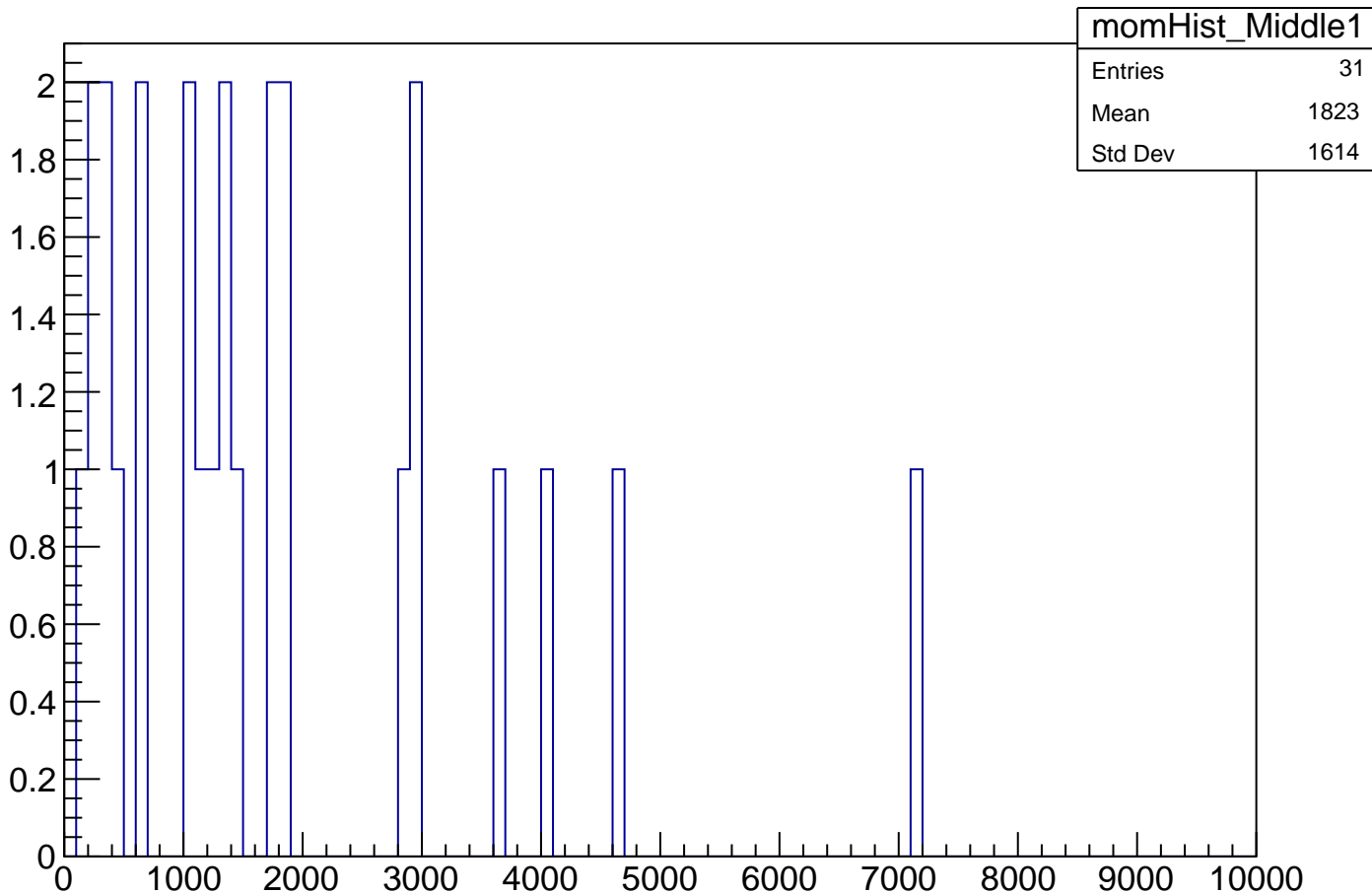
PDG



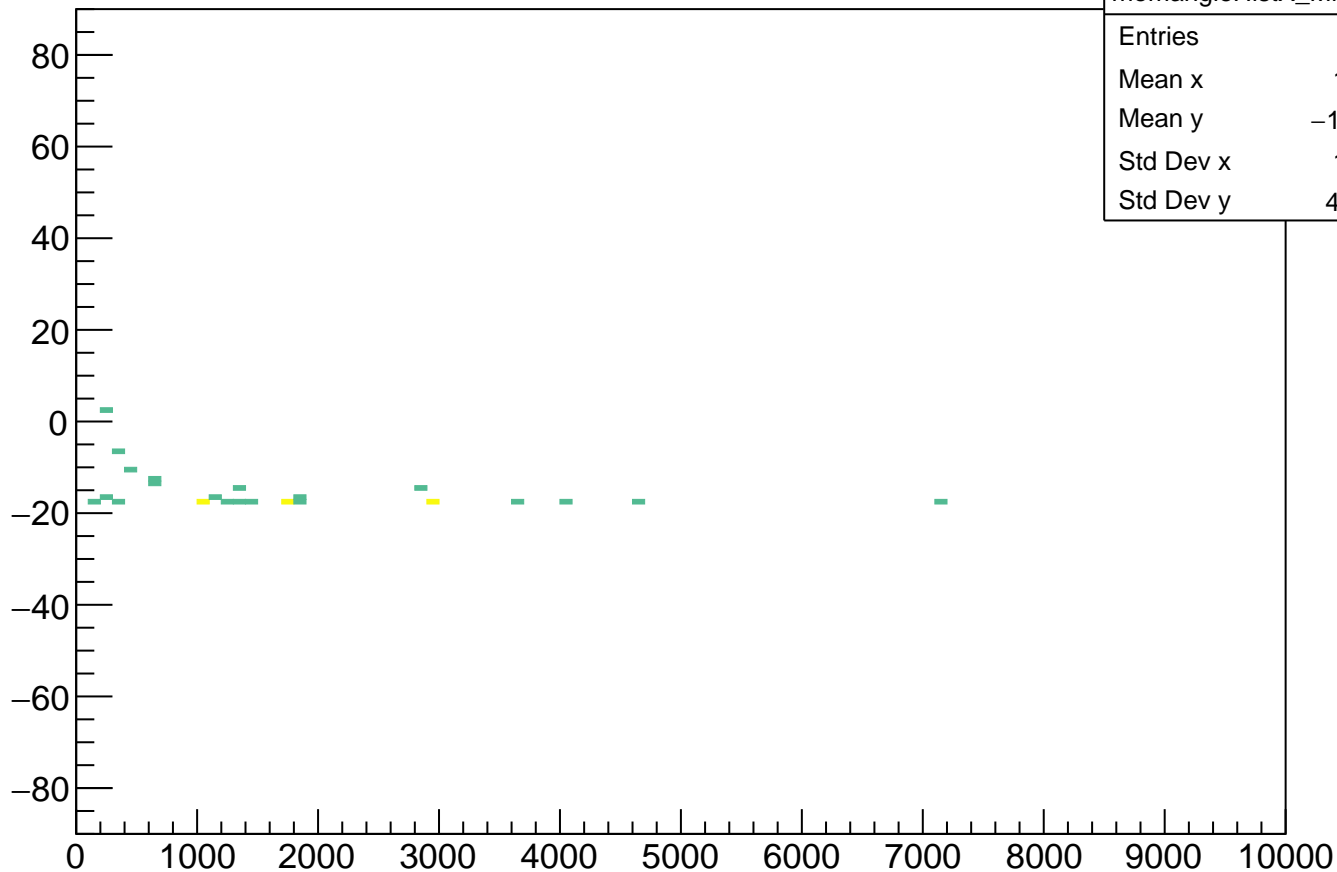
hID_Middle1



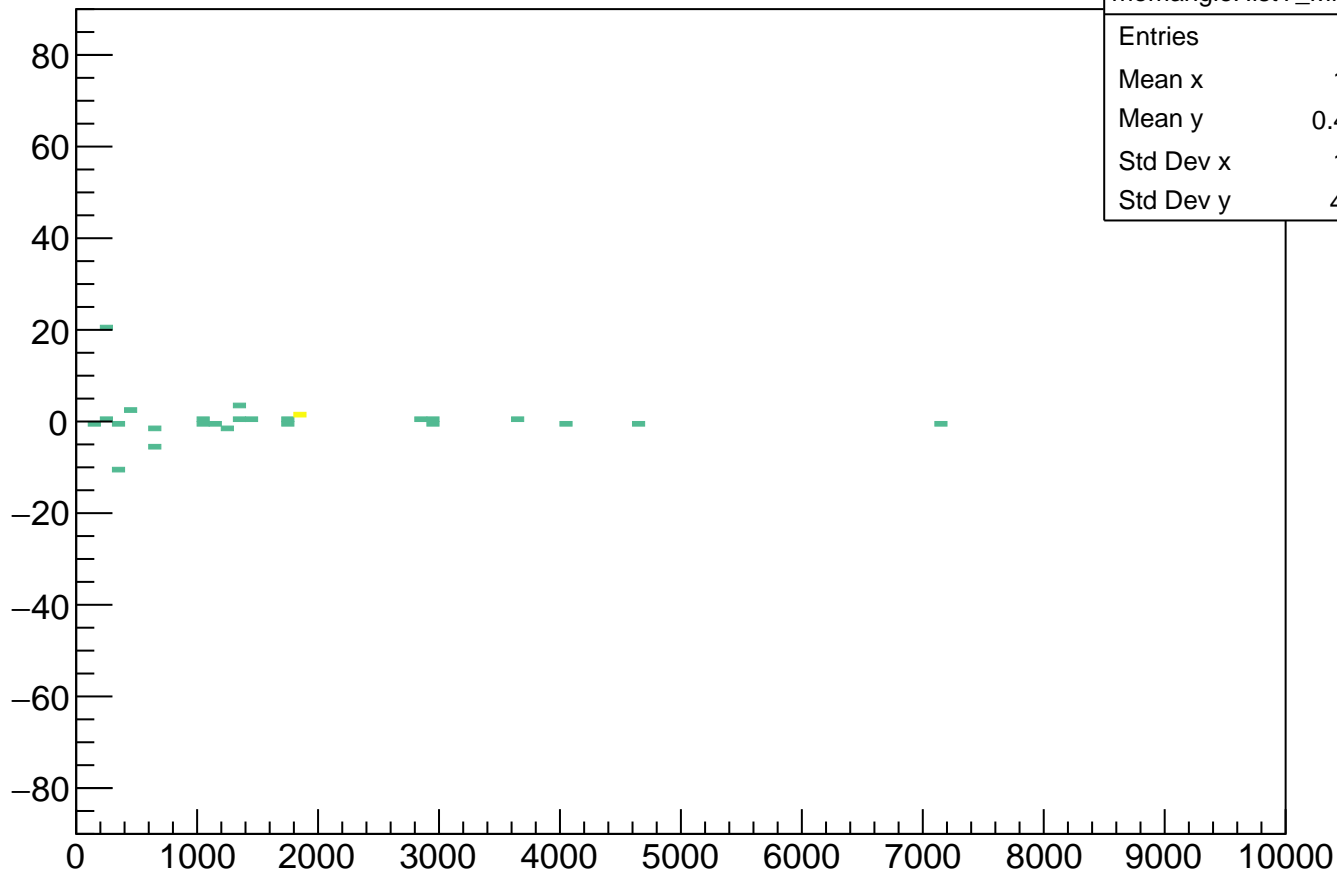
momHist_Middle1



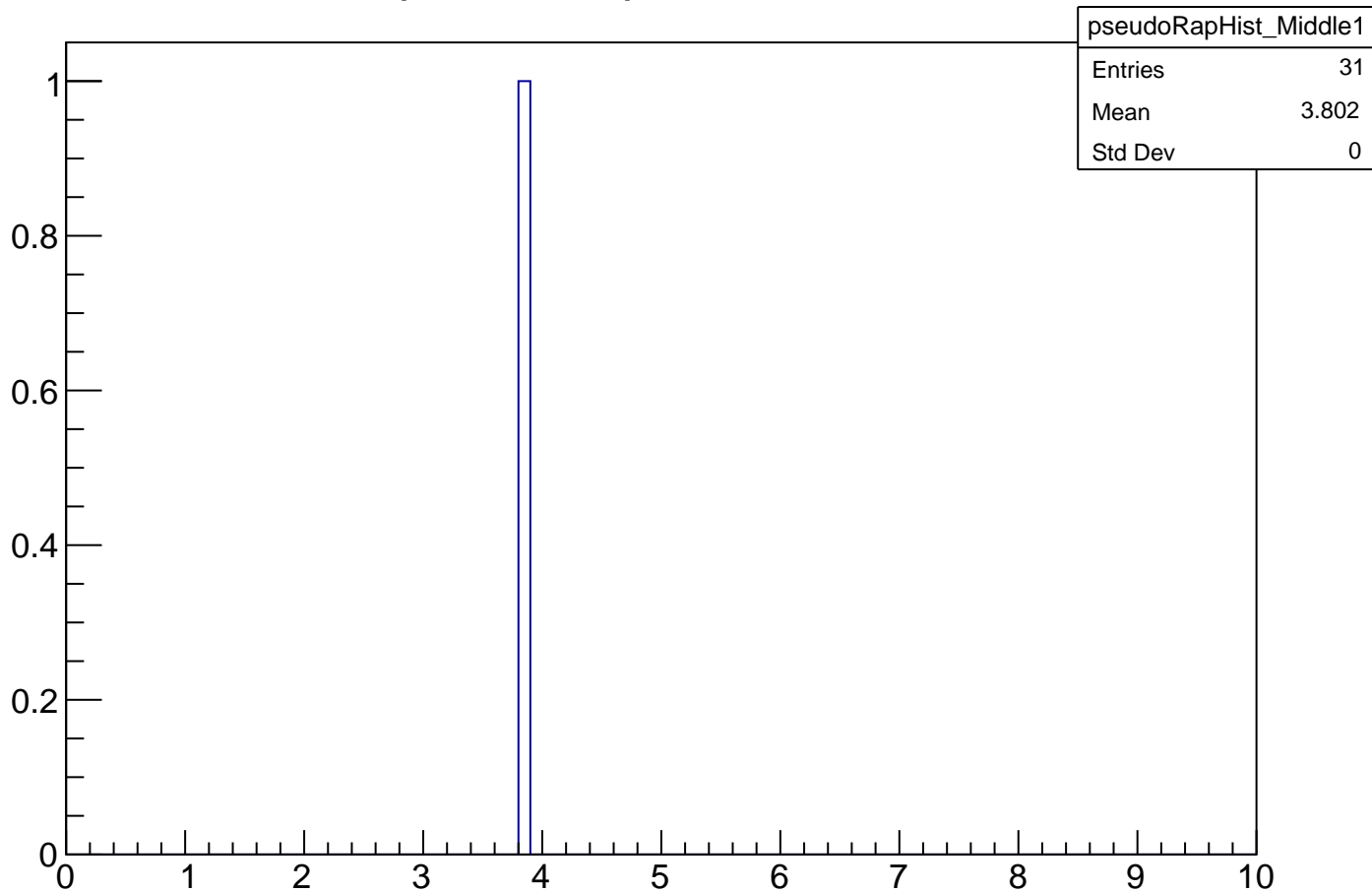
momangleHistX_Middle1



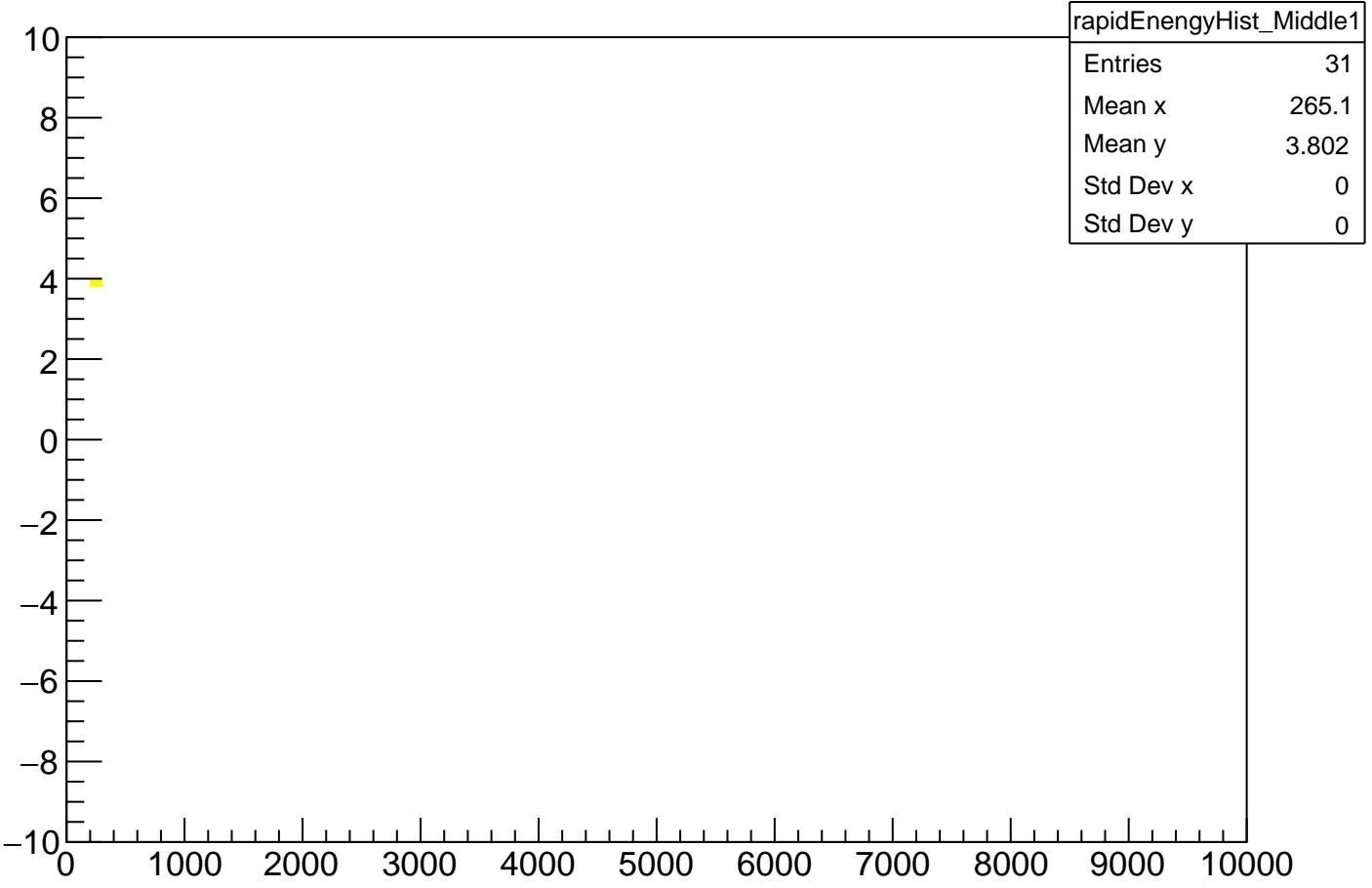
momangleHistY_Middle1



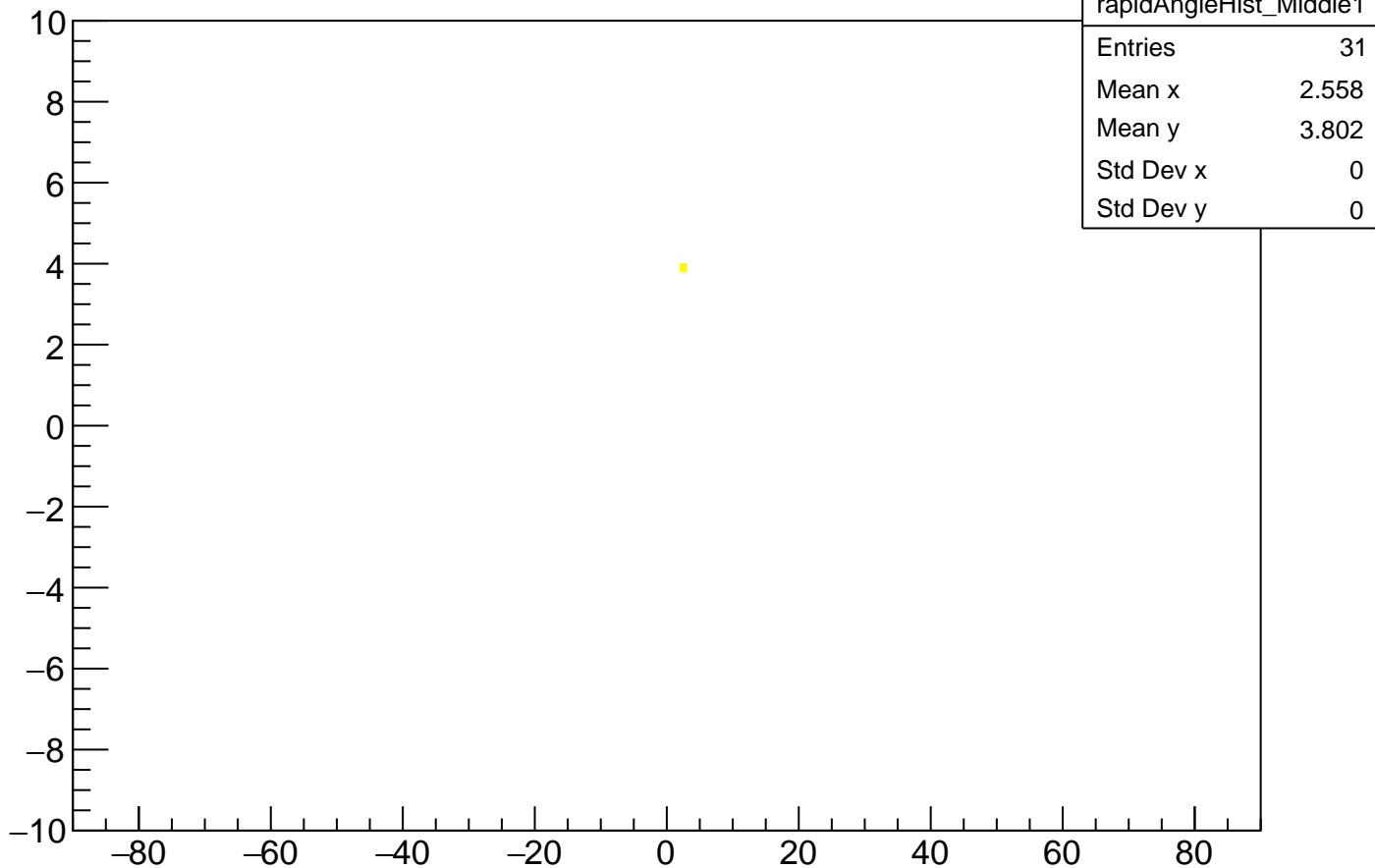
pseudoRapHist_Middle1



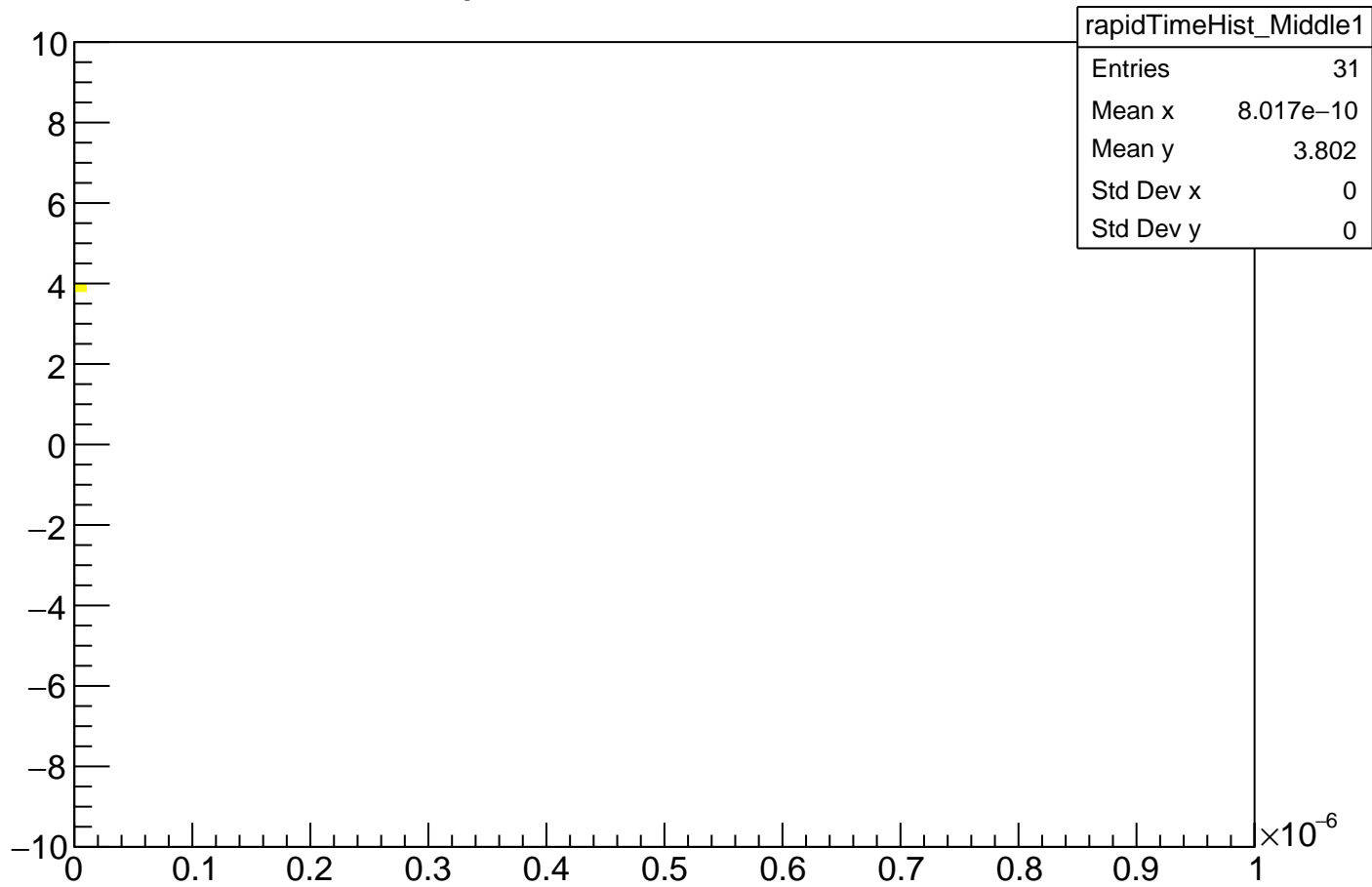
rapidEnergyHist_Middle1



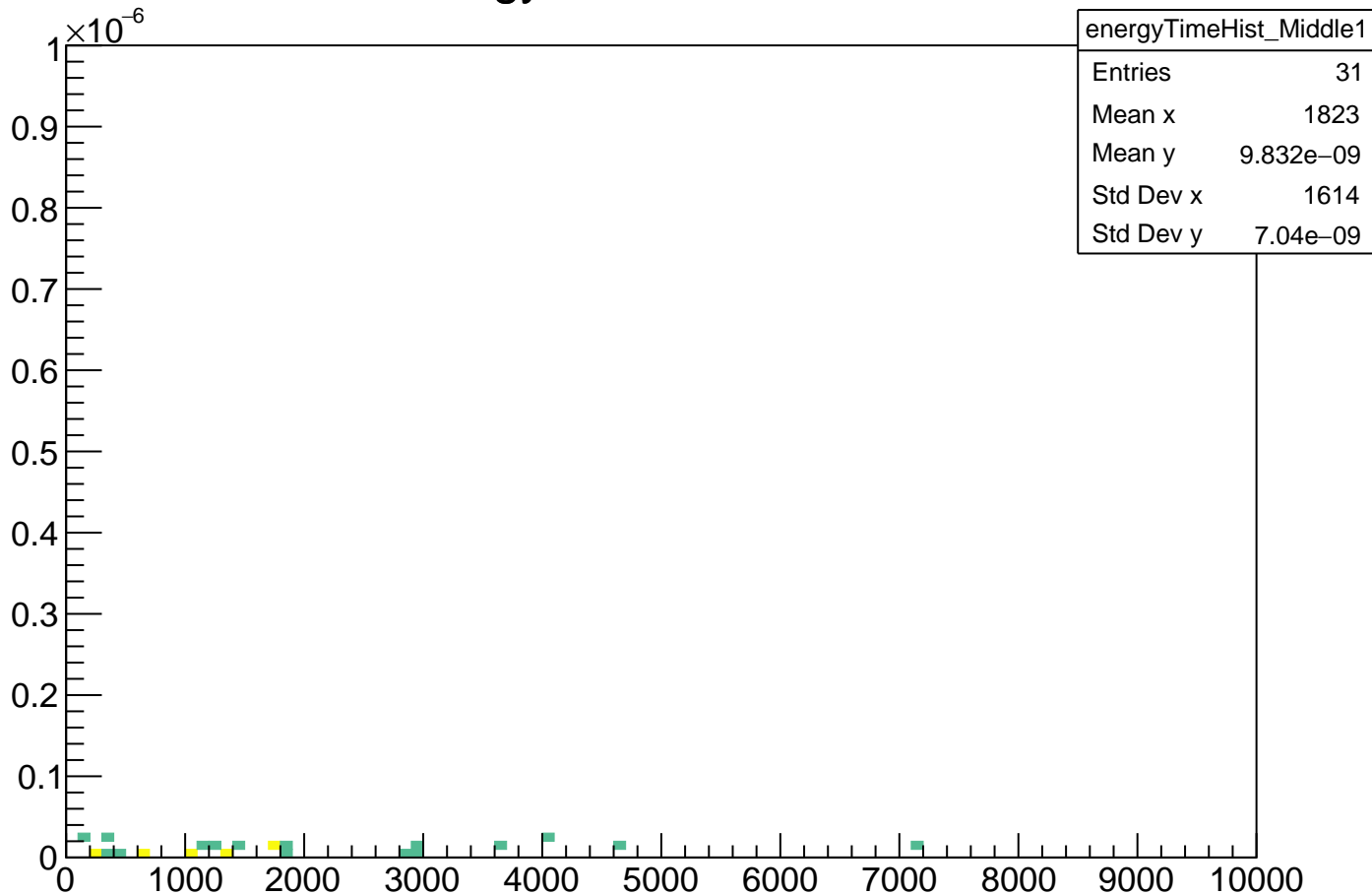
rapidAngleHist_Middle1



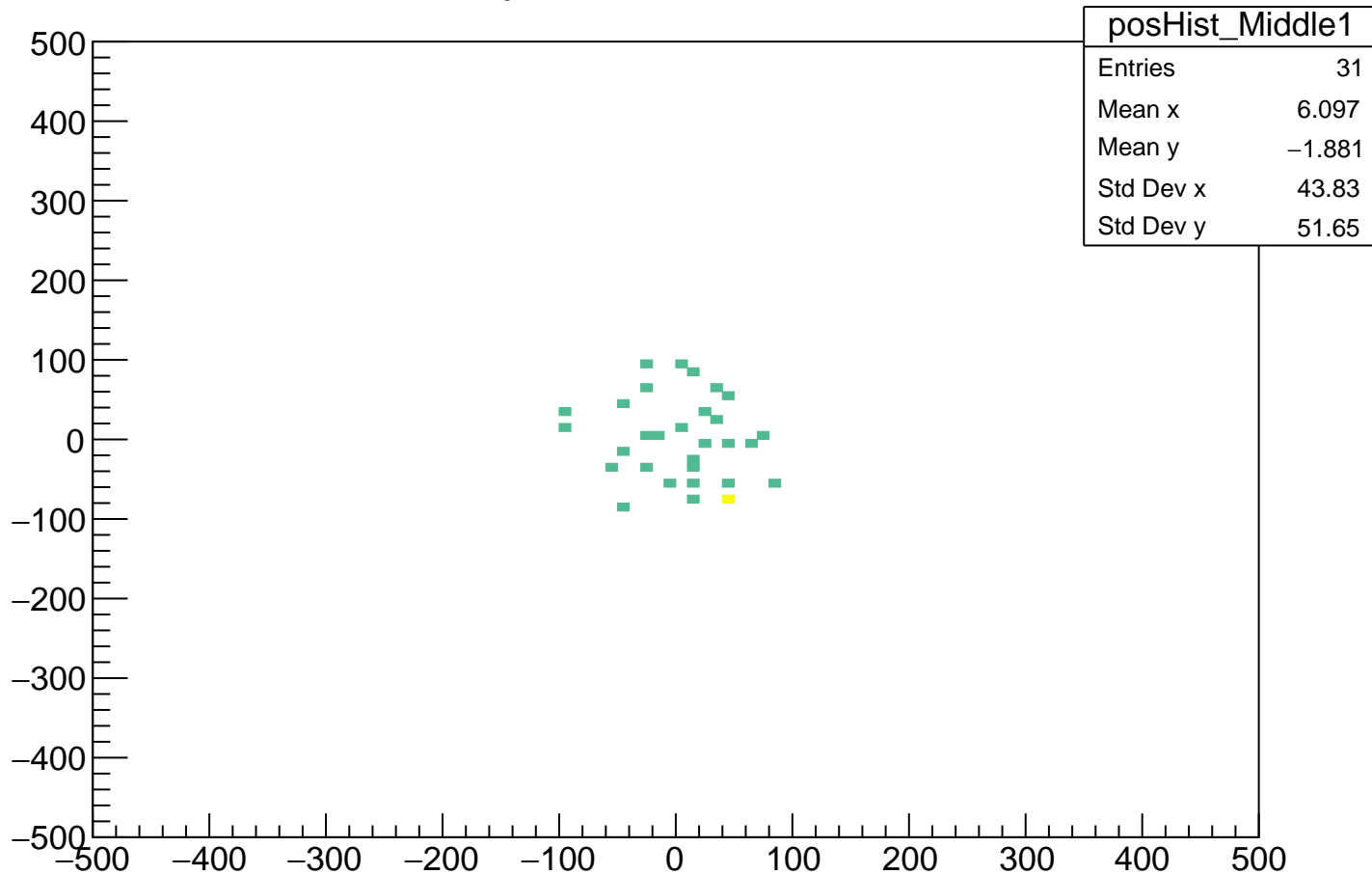
rapidTimeHist_Middle1



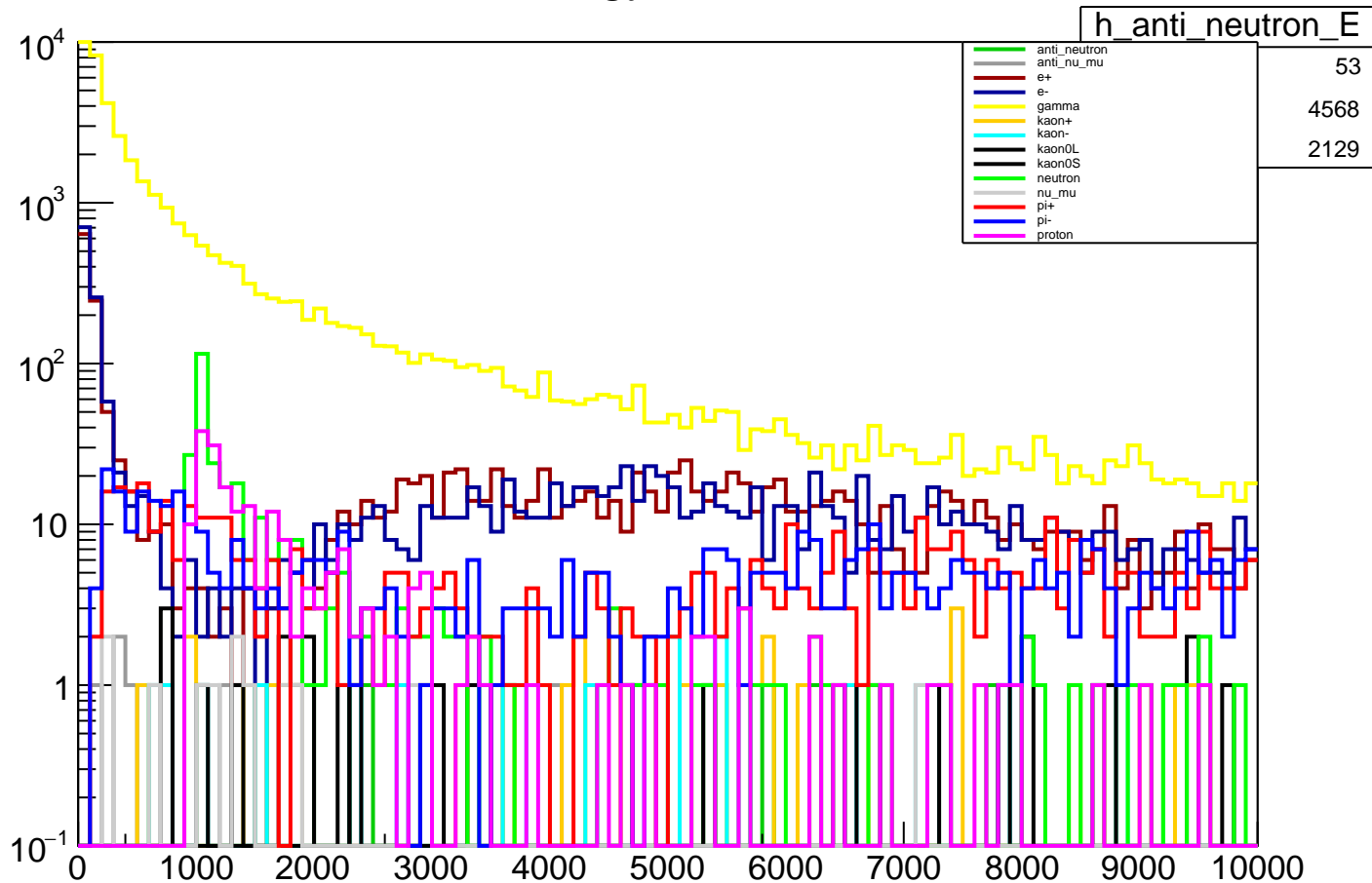
energyTimeHist_Middle1



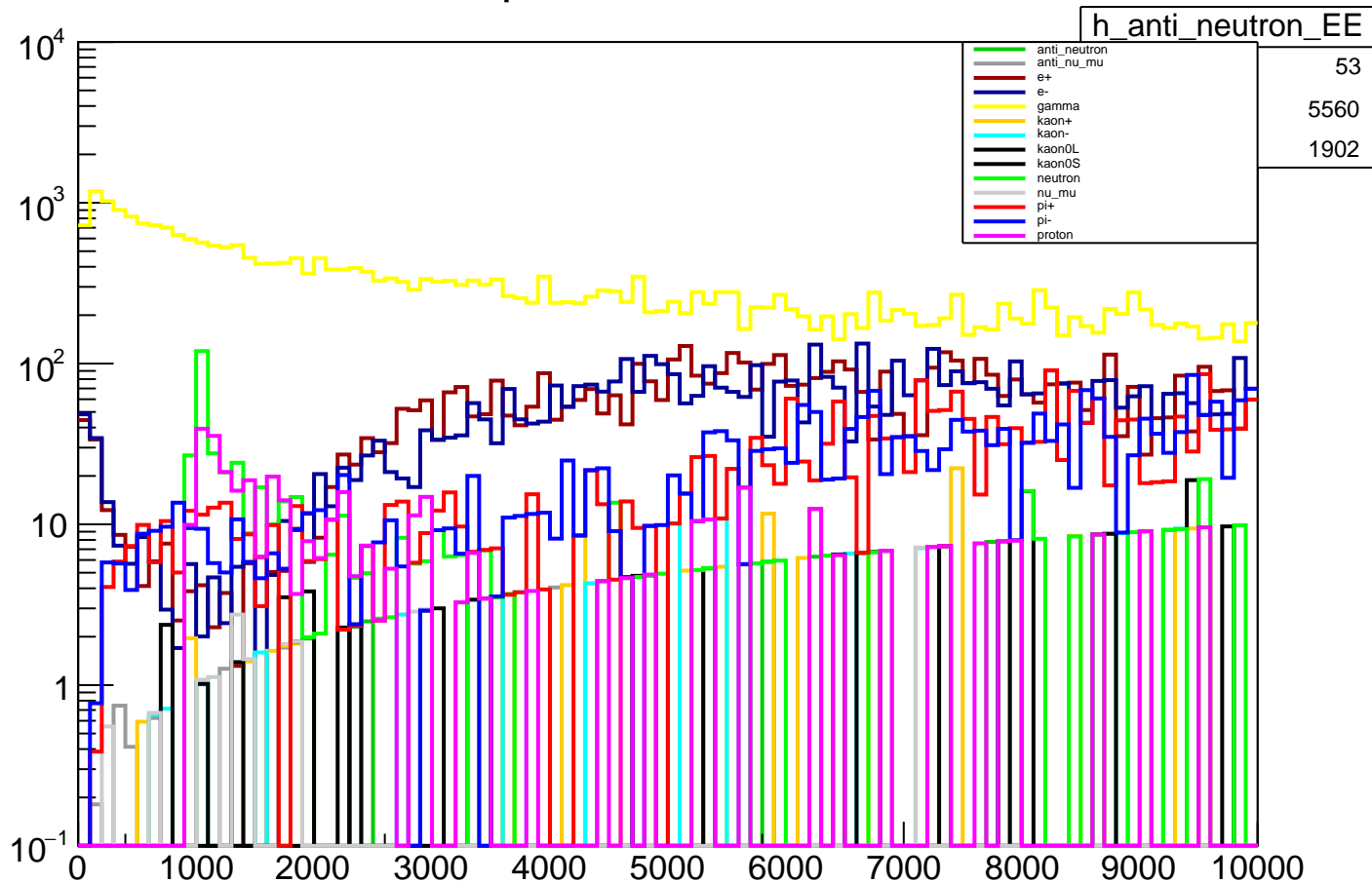
posHist_Middle1



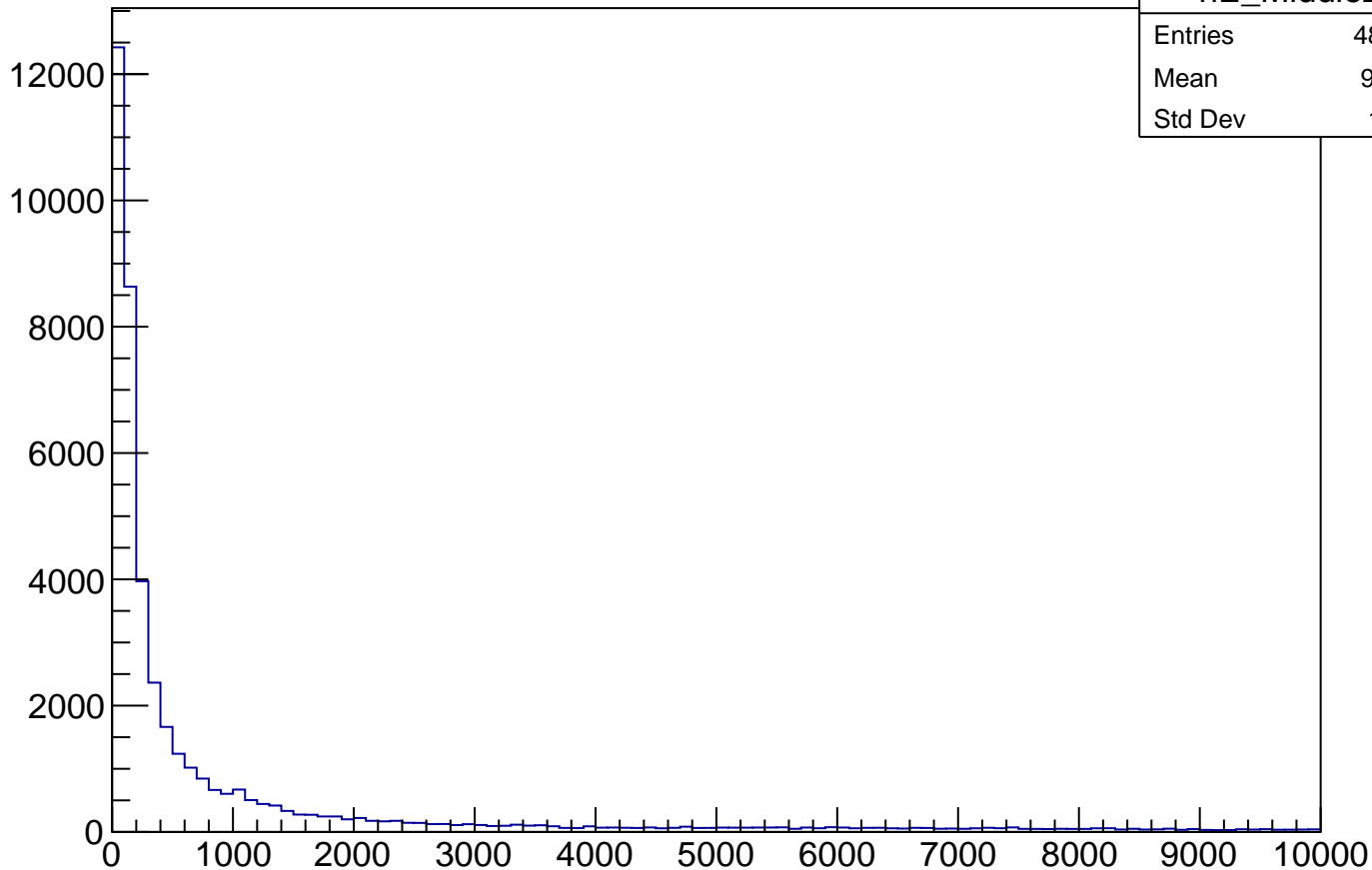
Energy_Middle1



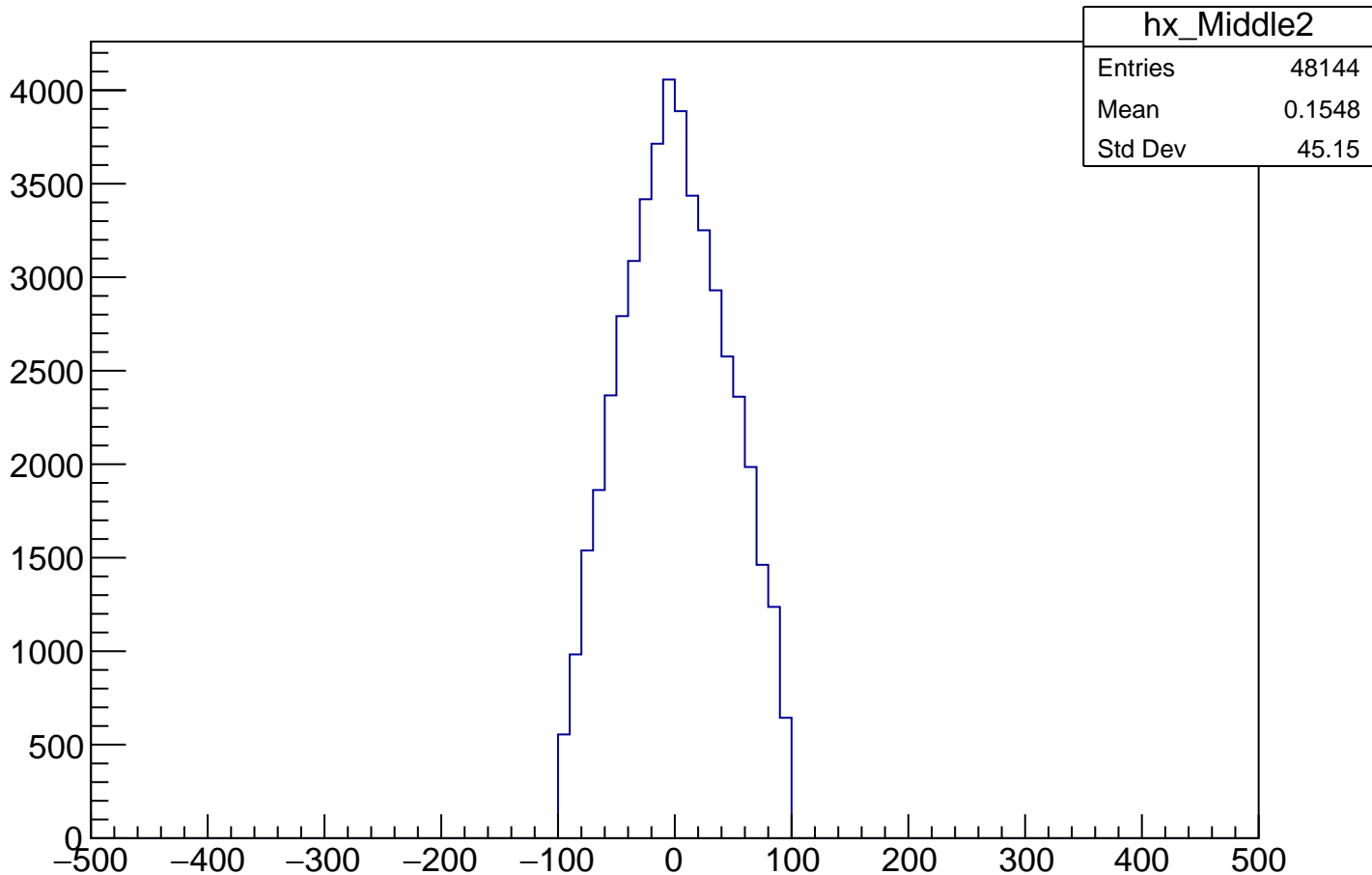
Spectrum_Middle1



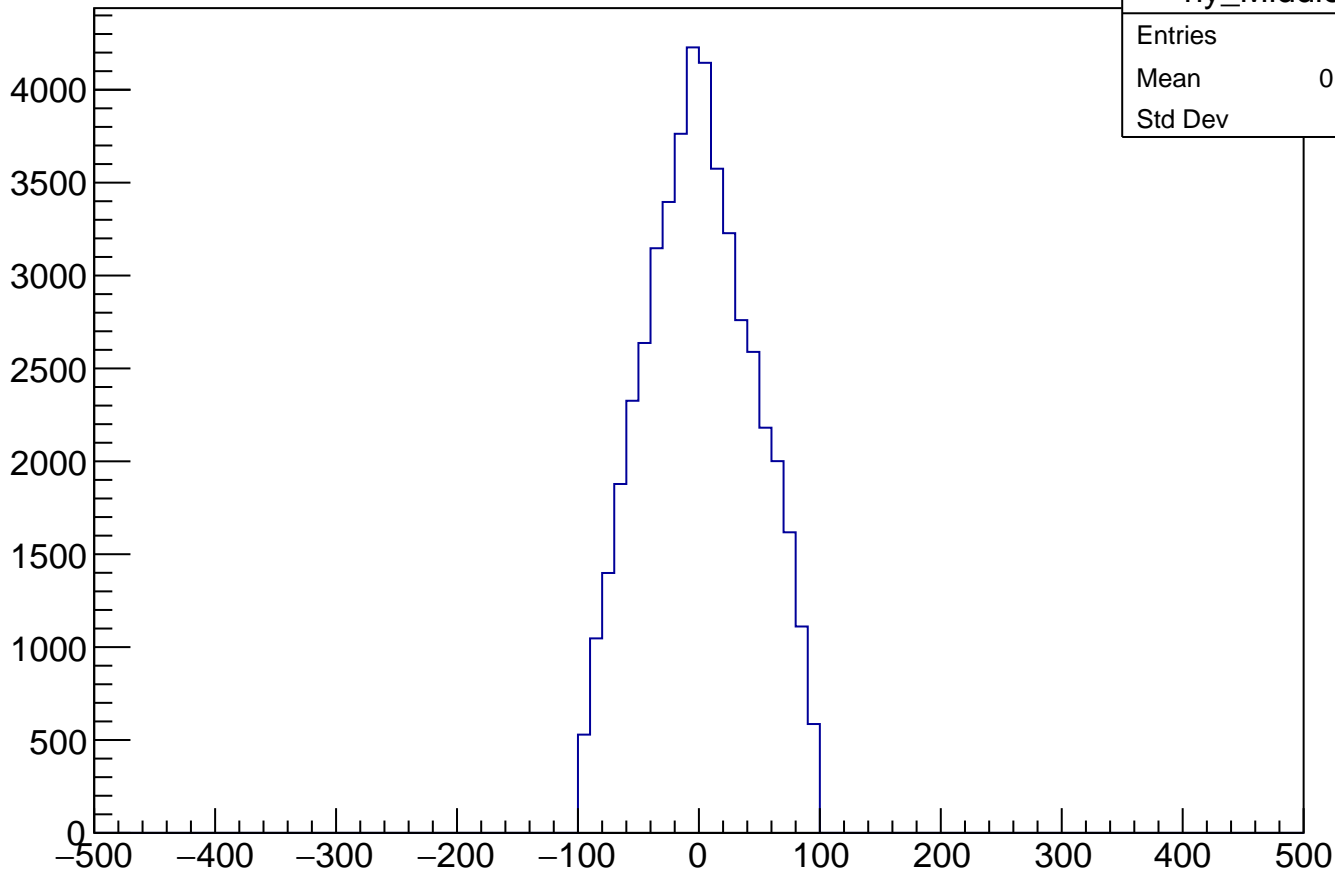
hE_Middle2



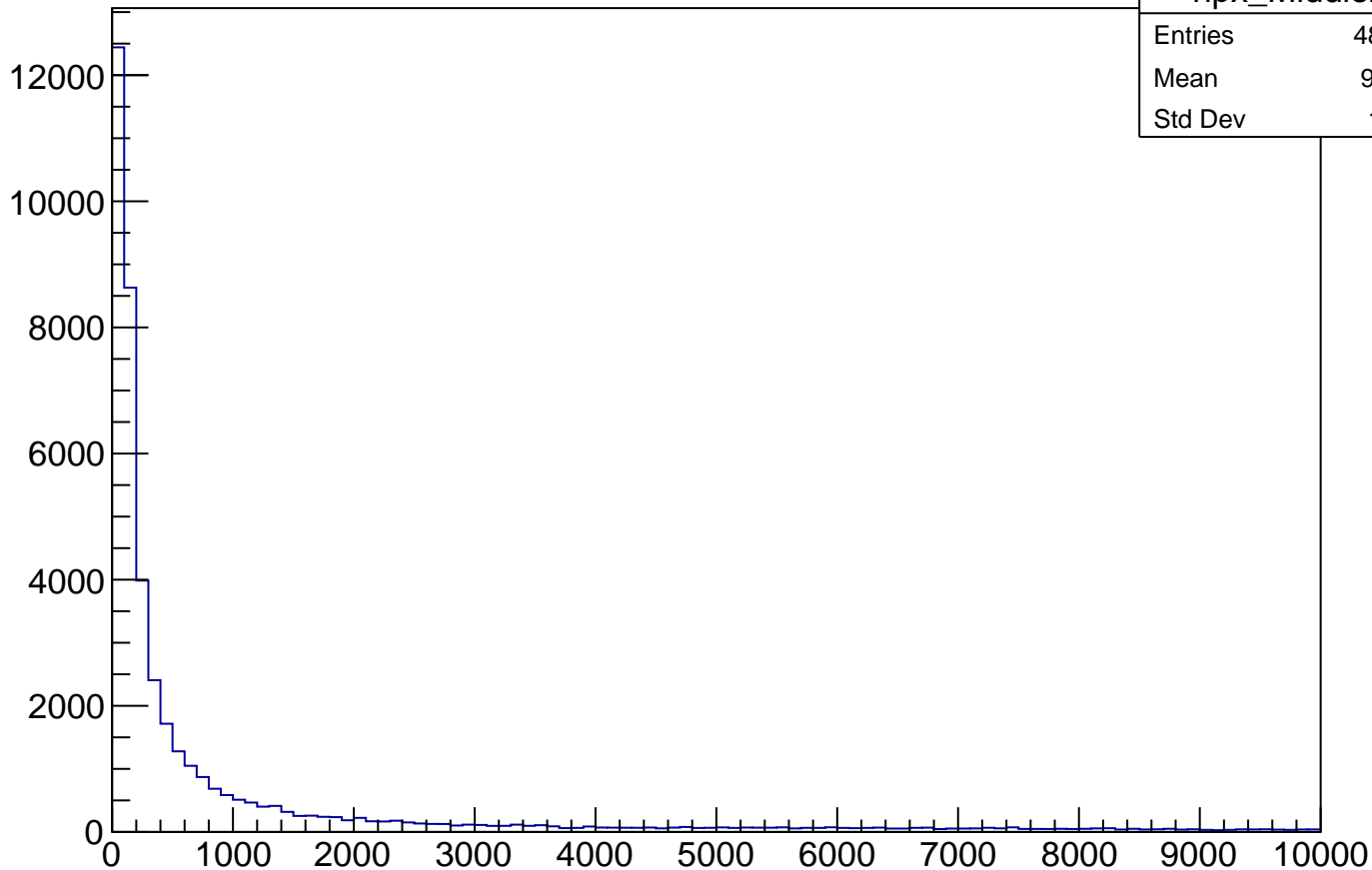
hx_Middle2



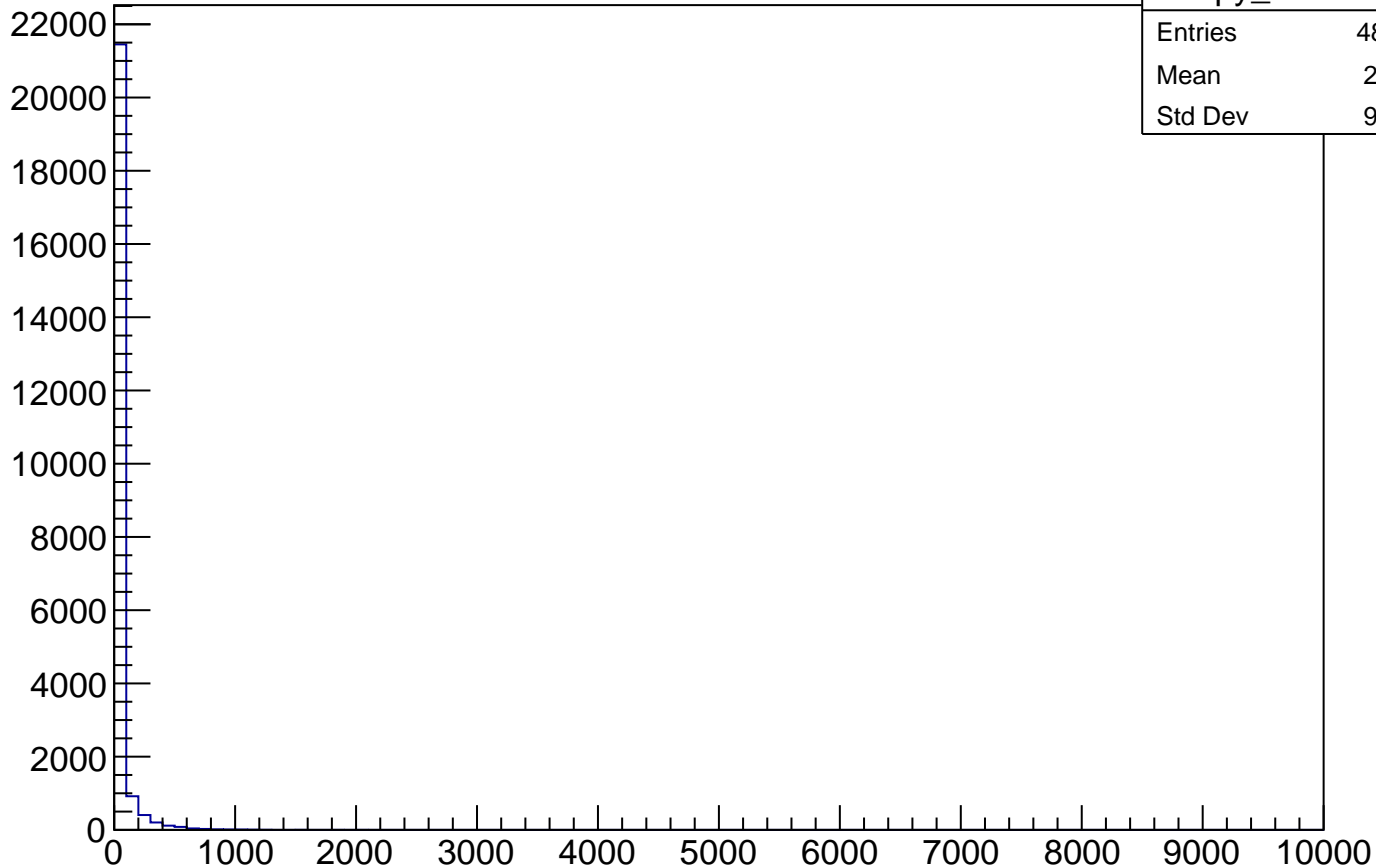
hy_Middle2



hpx_Middle2

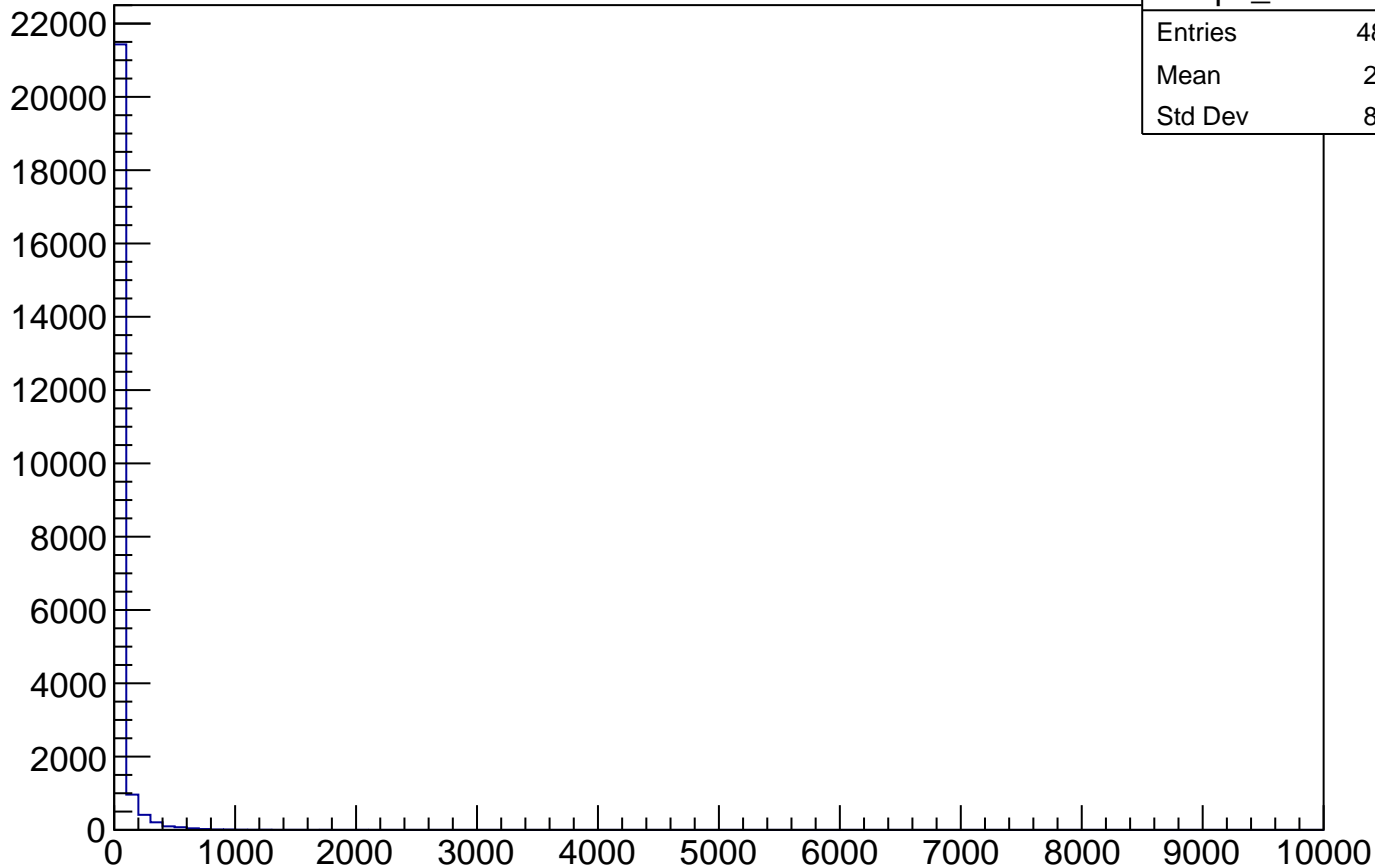


hpy_Middle2



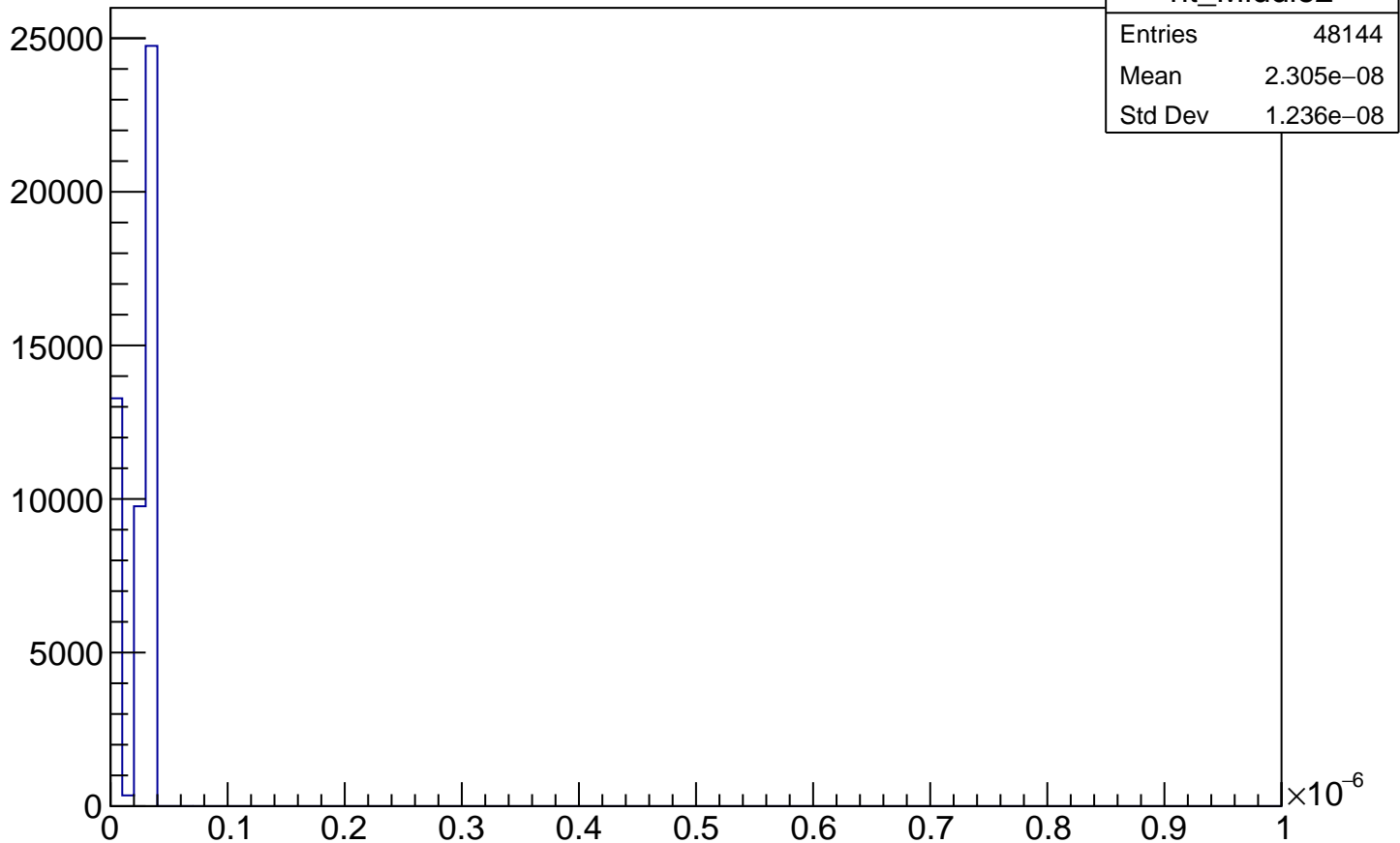
hpy_Middle2	
Entries	48144
Mean	28.72
Std Dev	90.55

hpz_Middle2

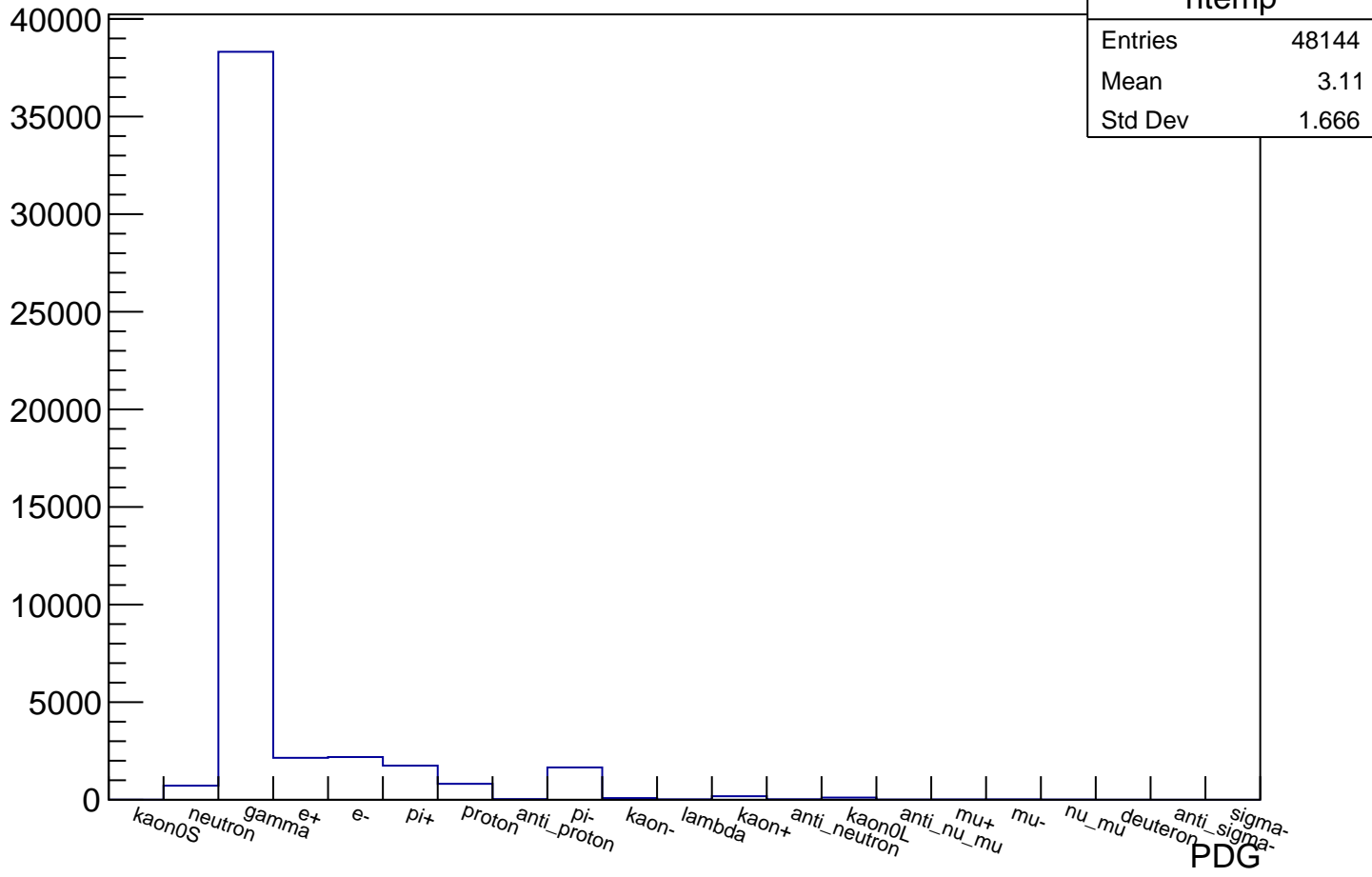


hpz_Middle2	
Entries	48144
Mean	28.17
Std Dev	88.22

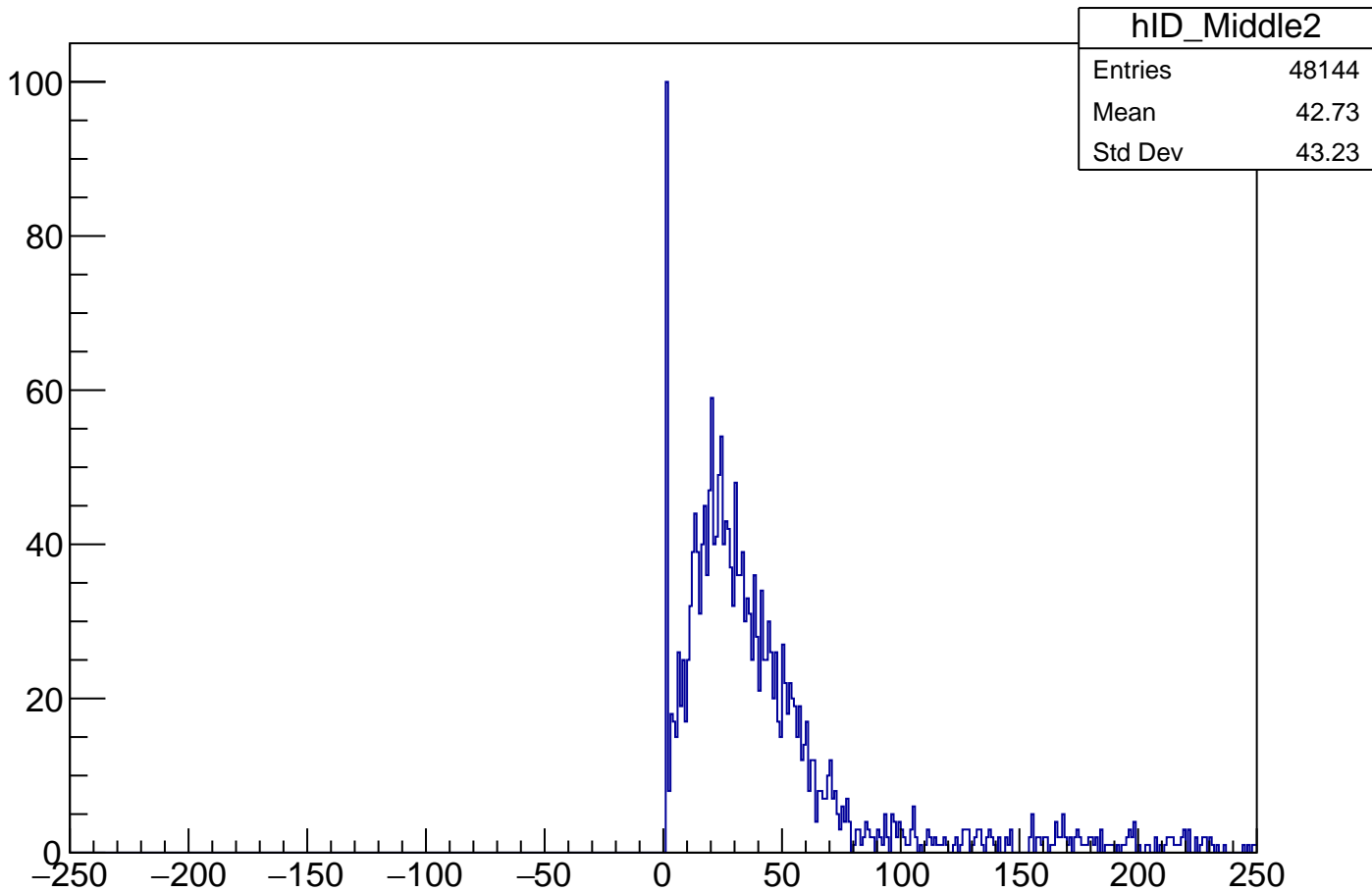
ht_Middle2



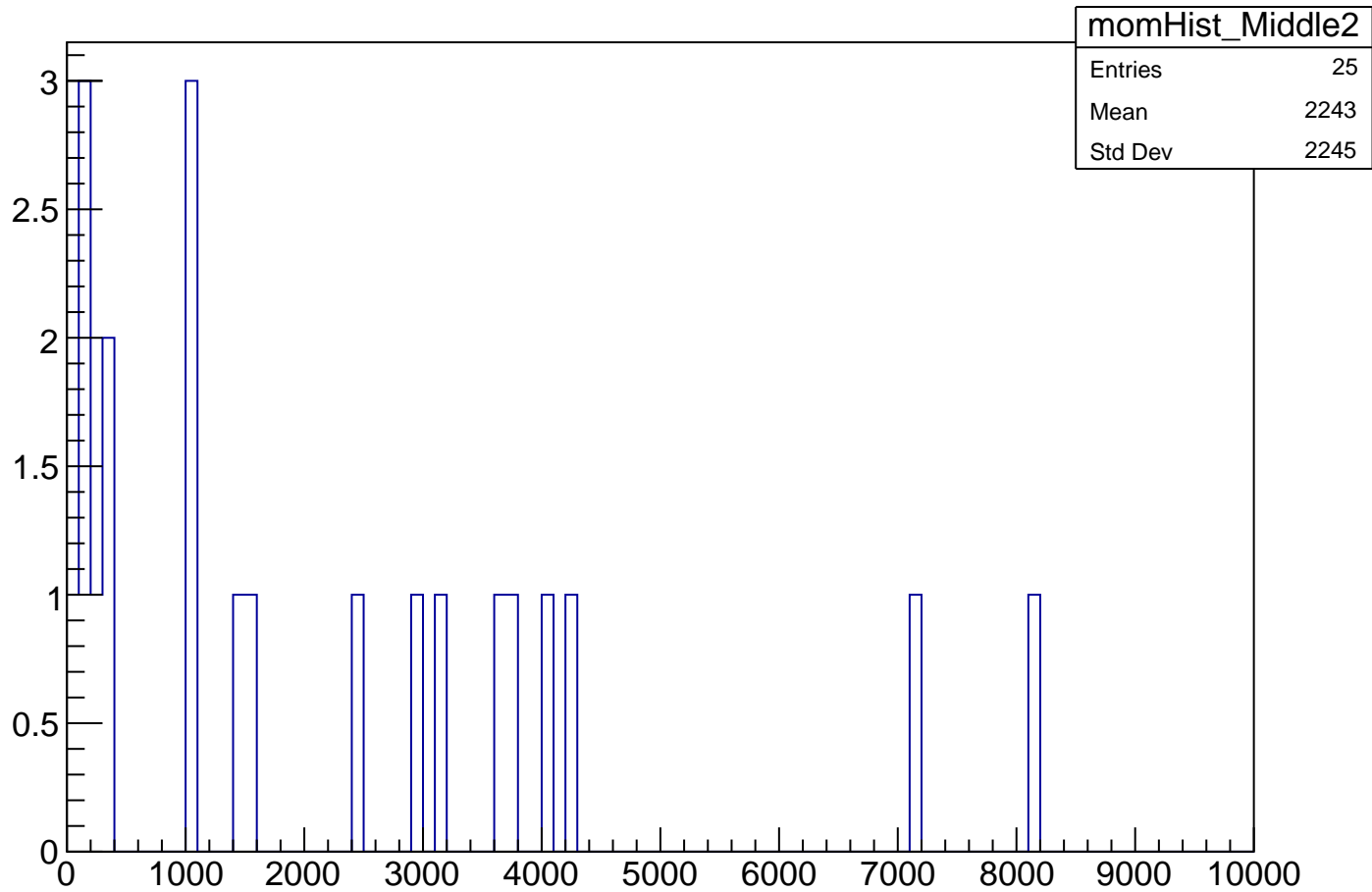
PDG



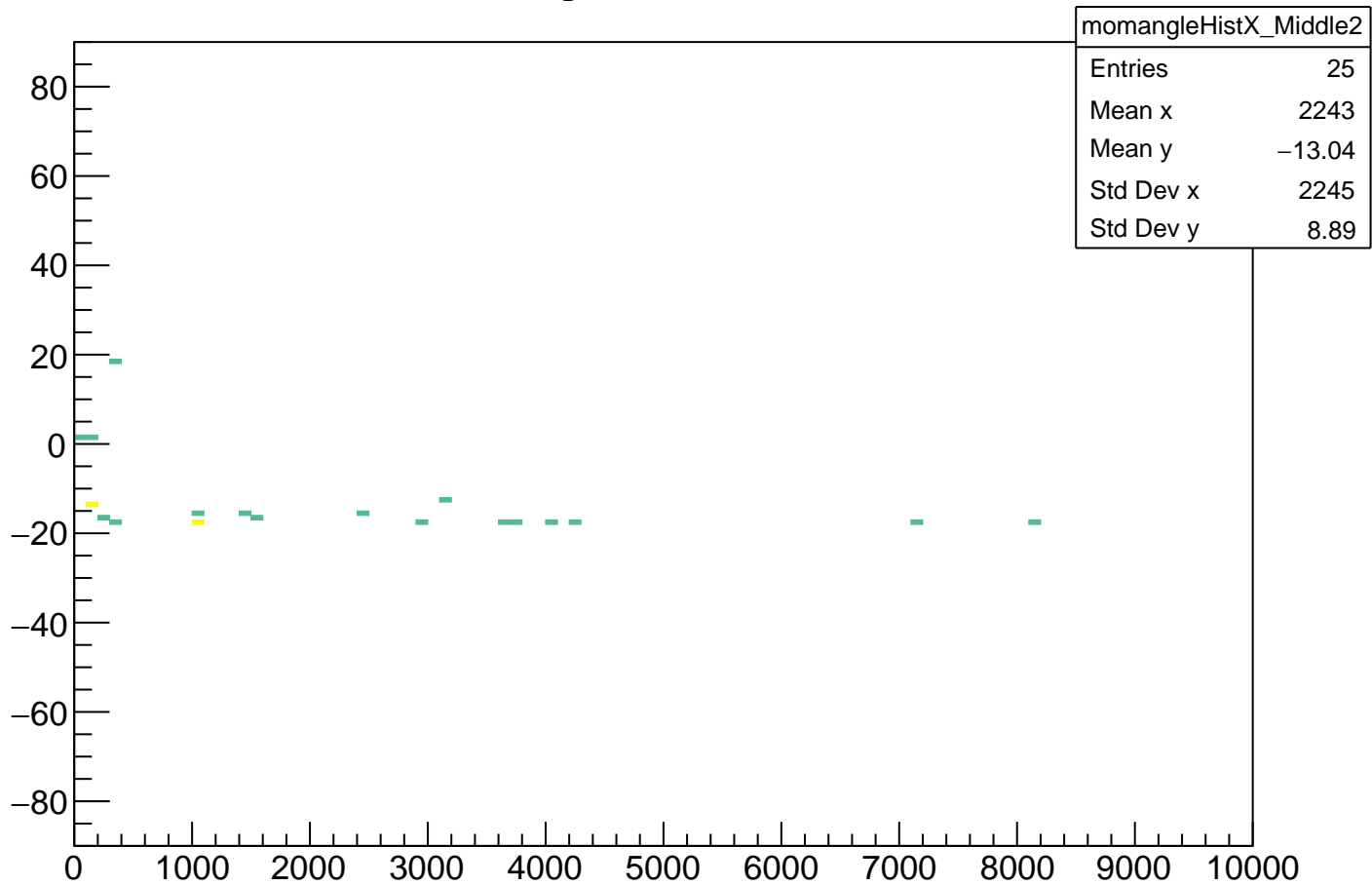
hID_Middle2



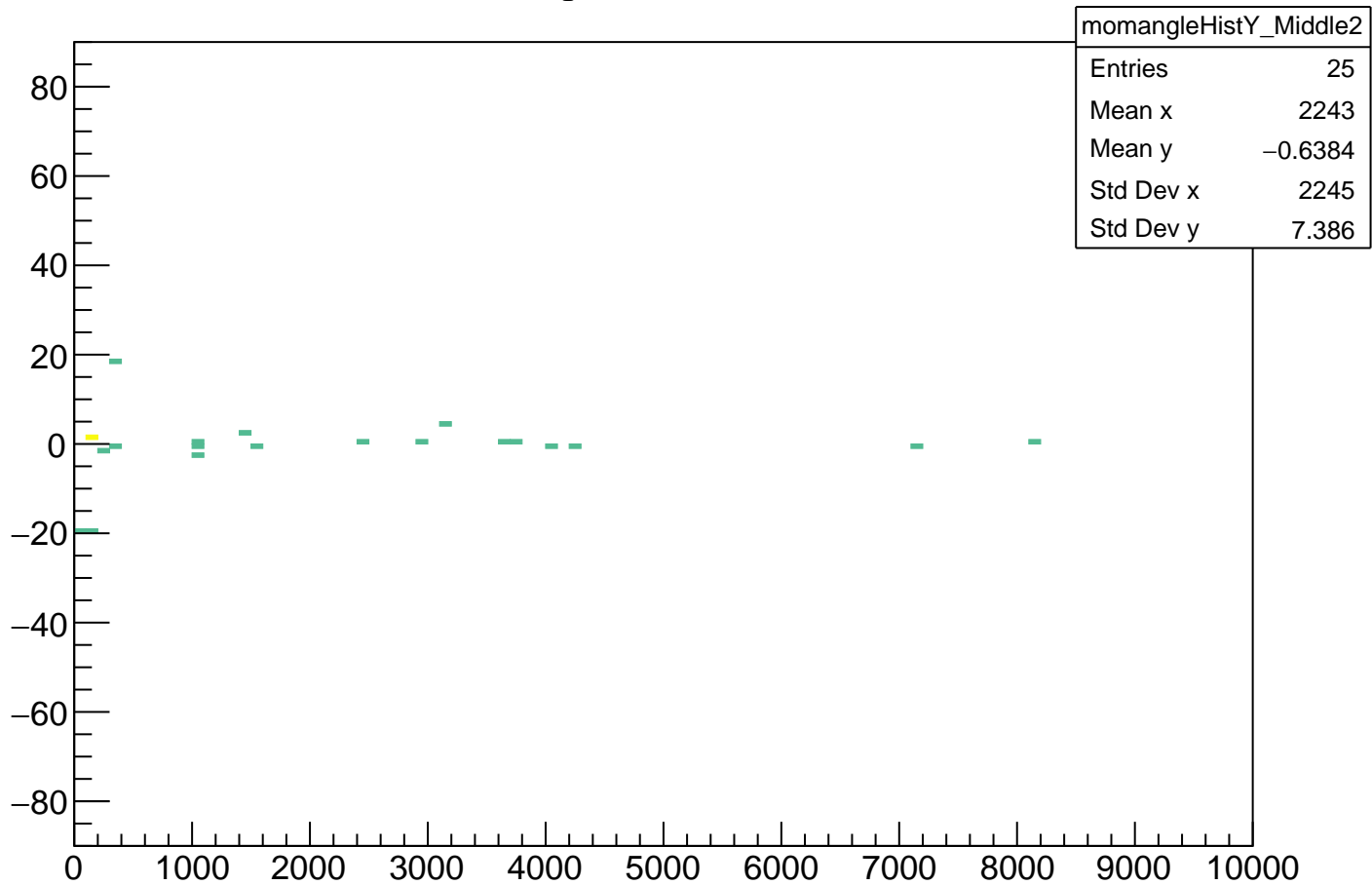
momHist_Middle2



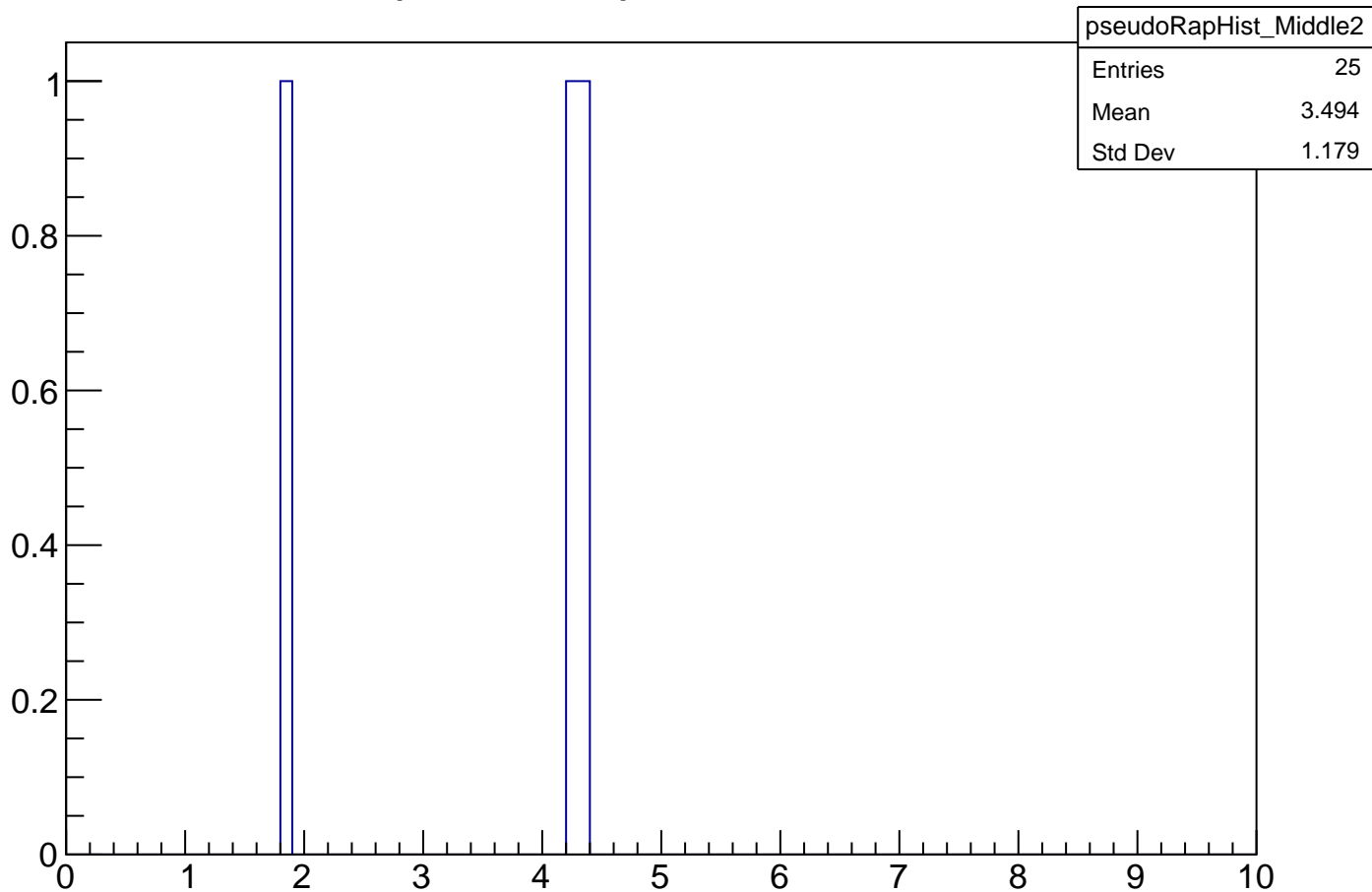
momangleHistX_Middle2



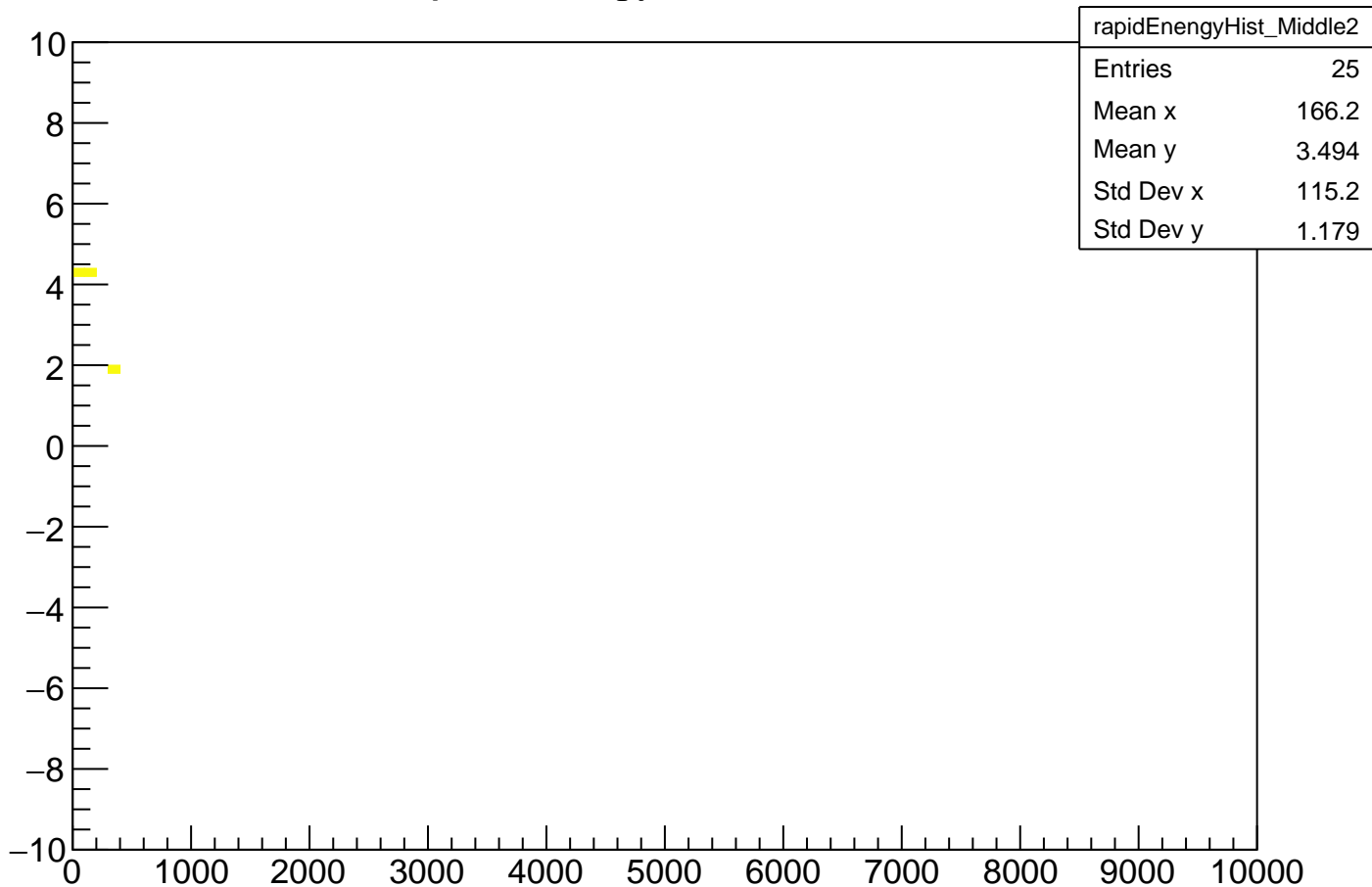
momangleHistY_Middle2



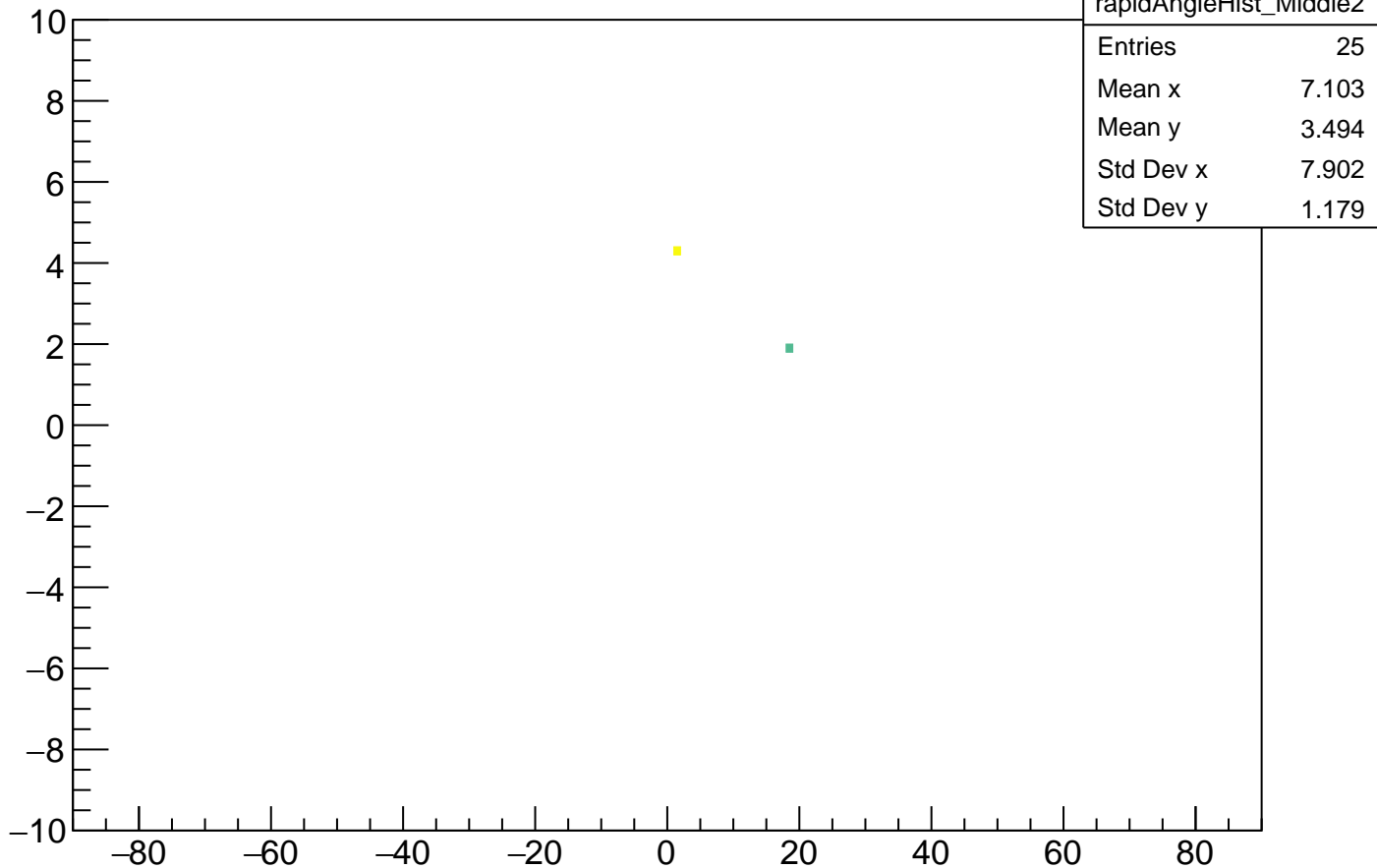
pseudoRapHist_Middle2



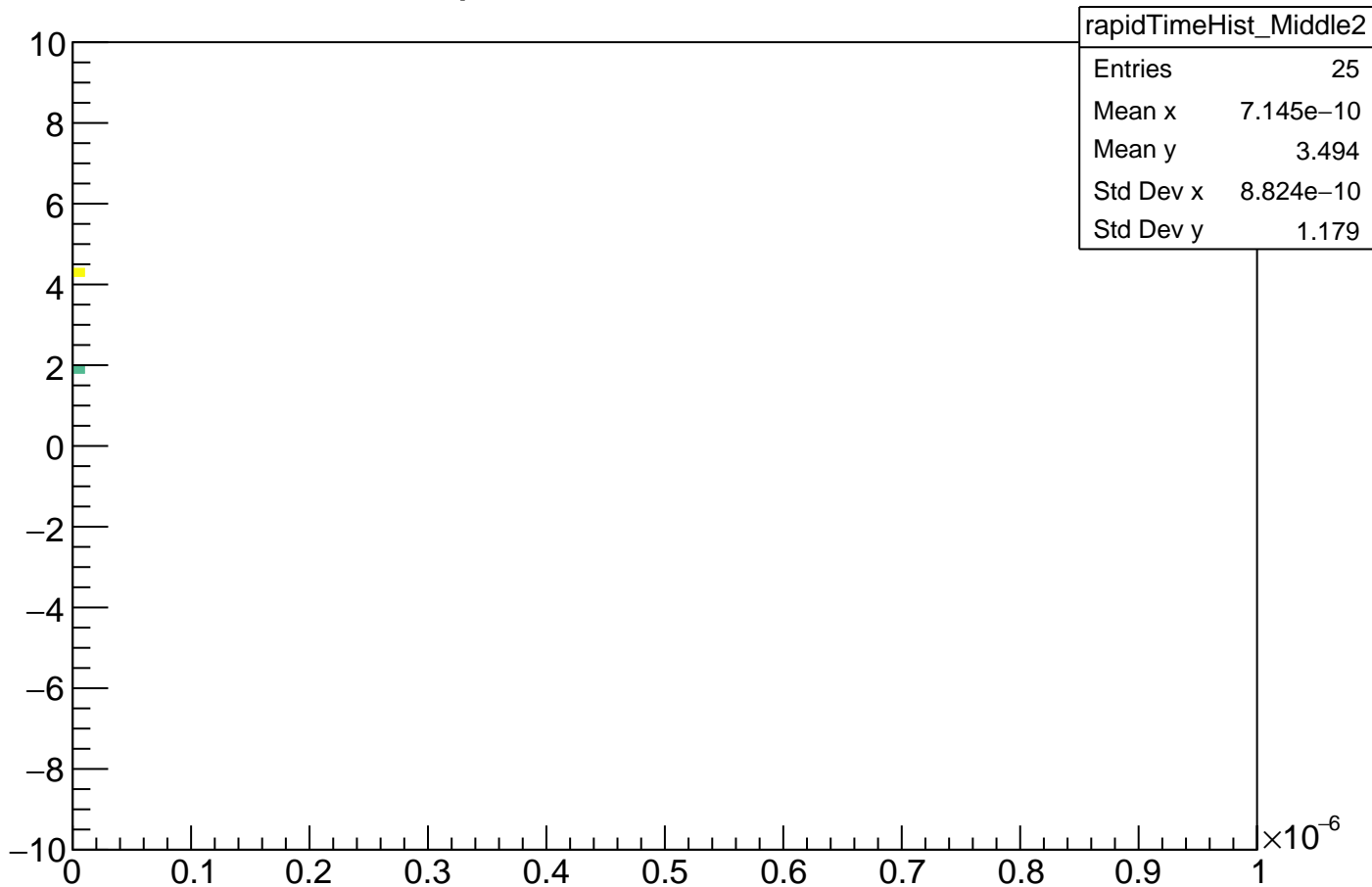
rapidEnergyHist_Middle2



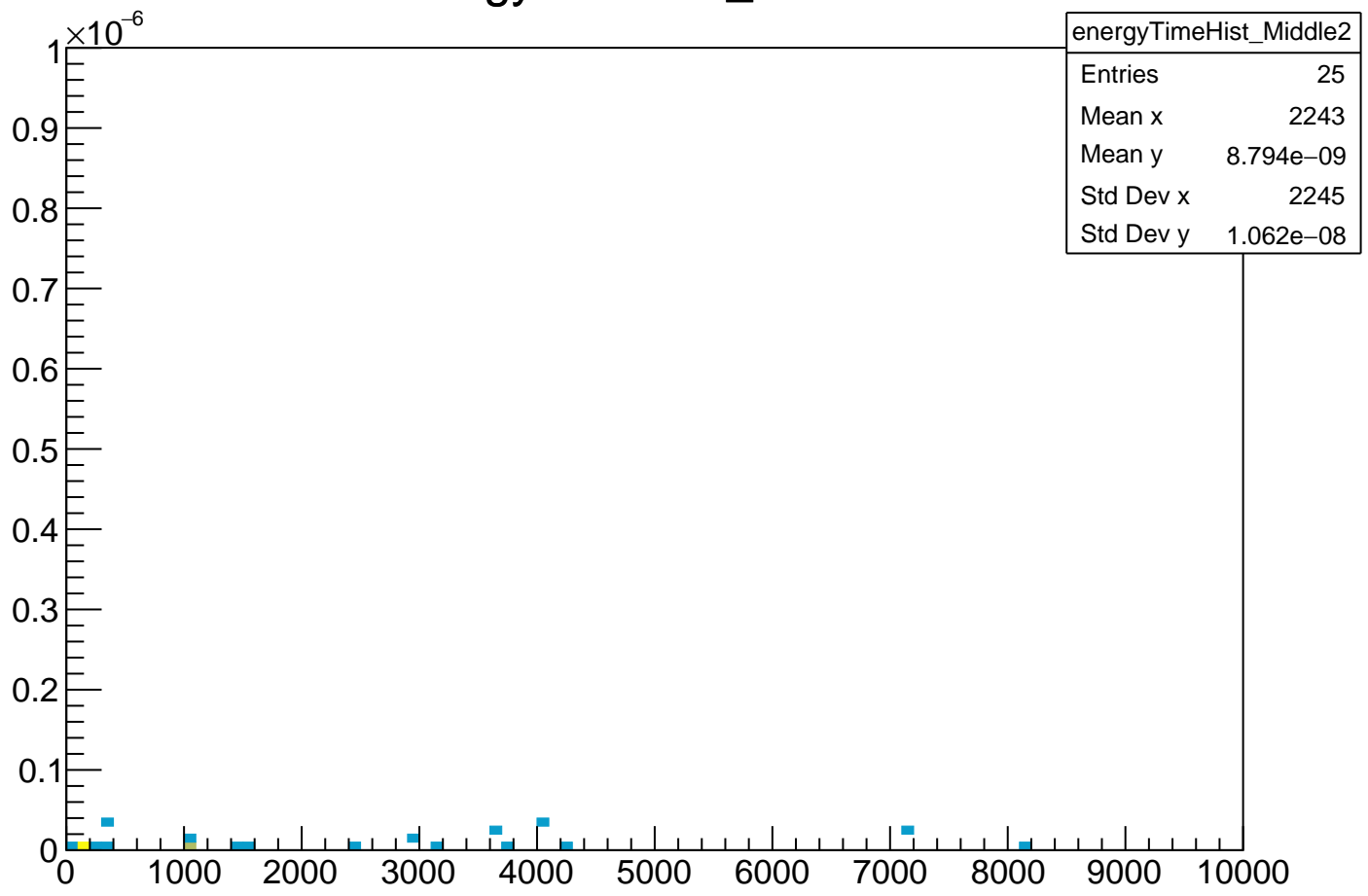
rapidAngleHist_Middle2



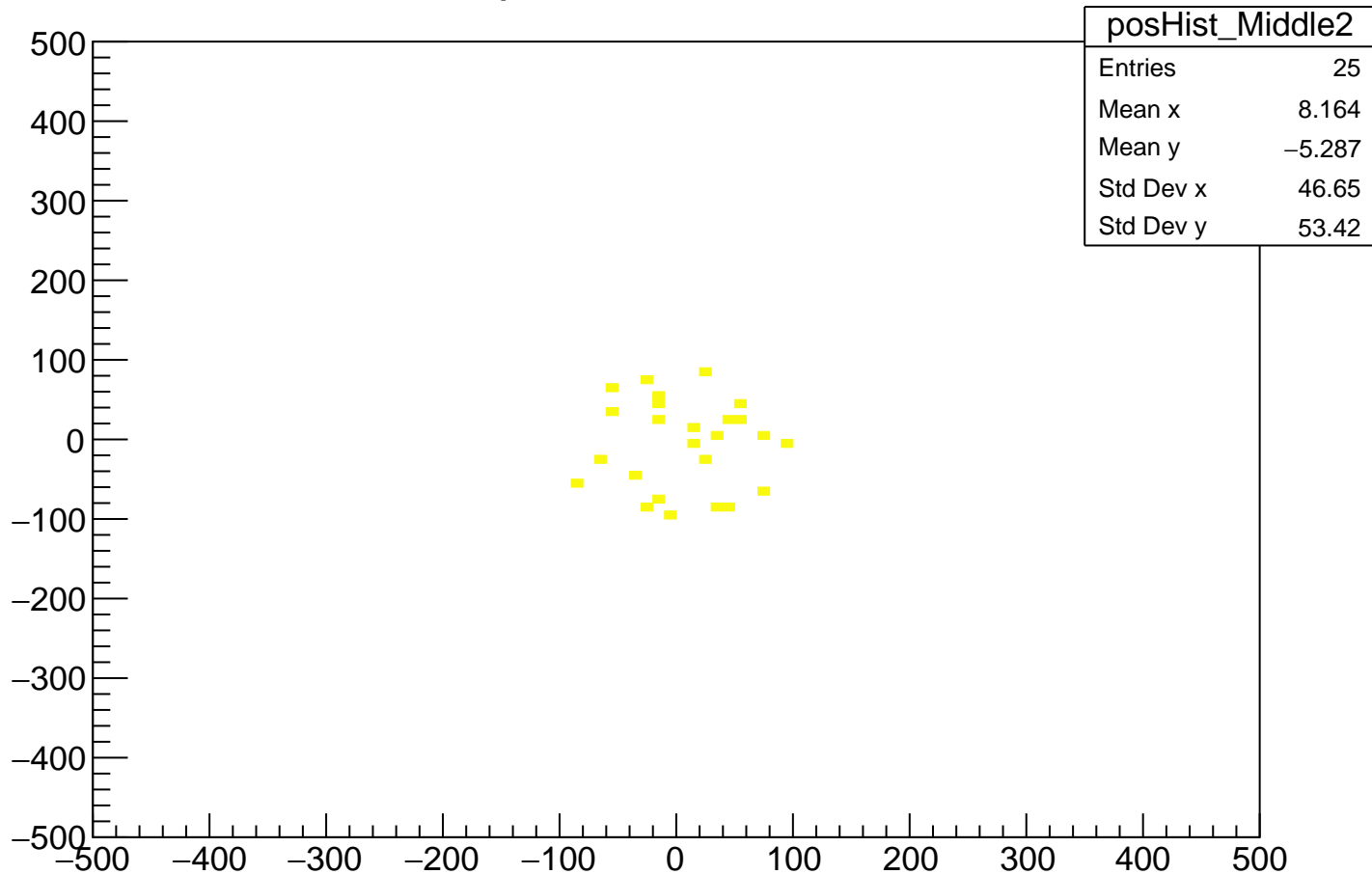
rapidTimeHist_Middle2



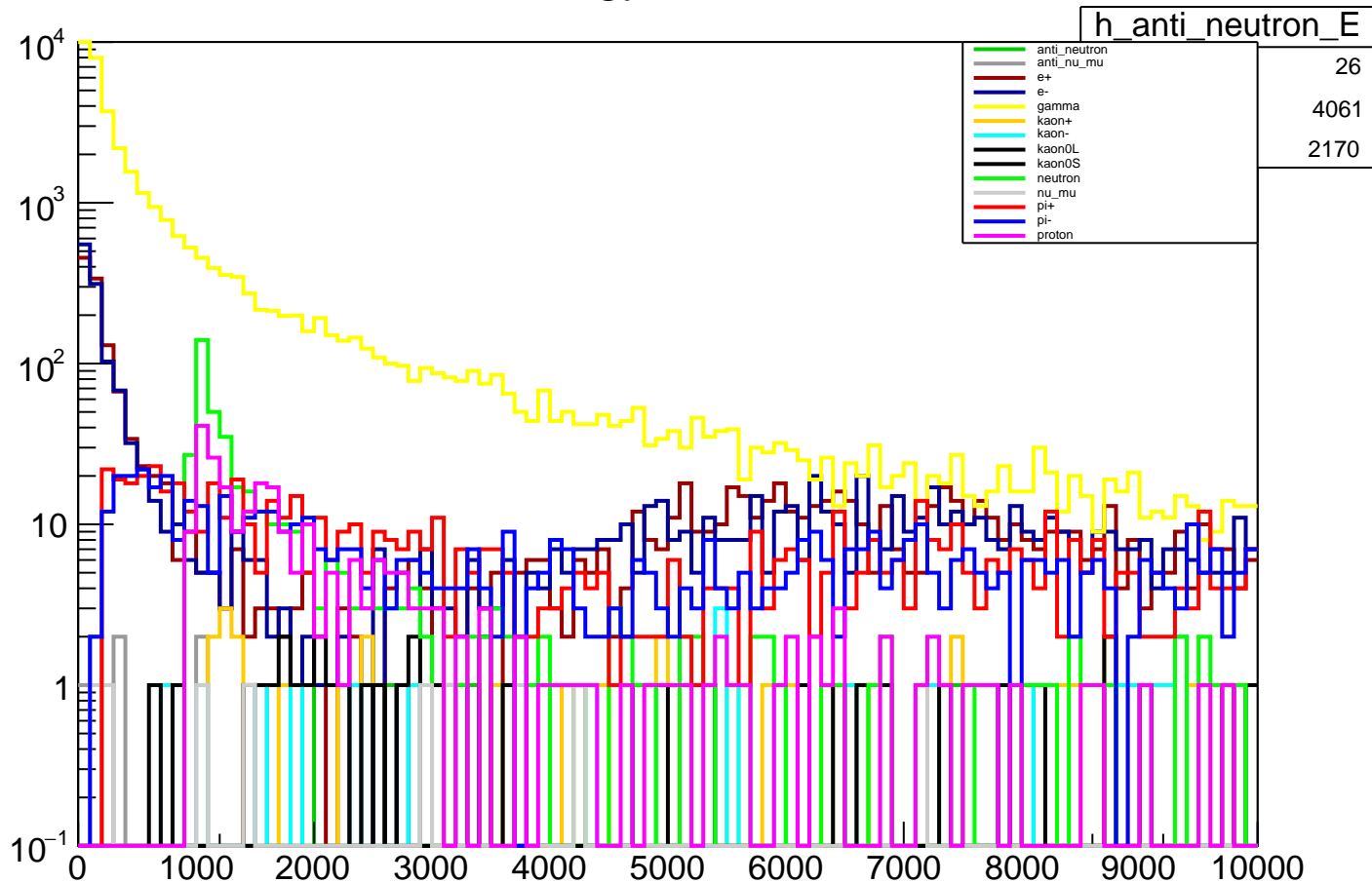
energyTimeHist_Middle2



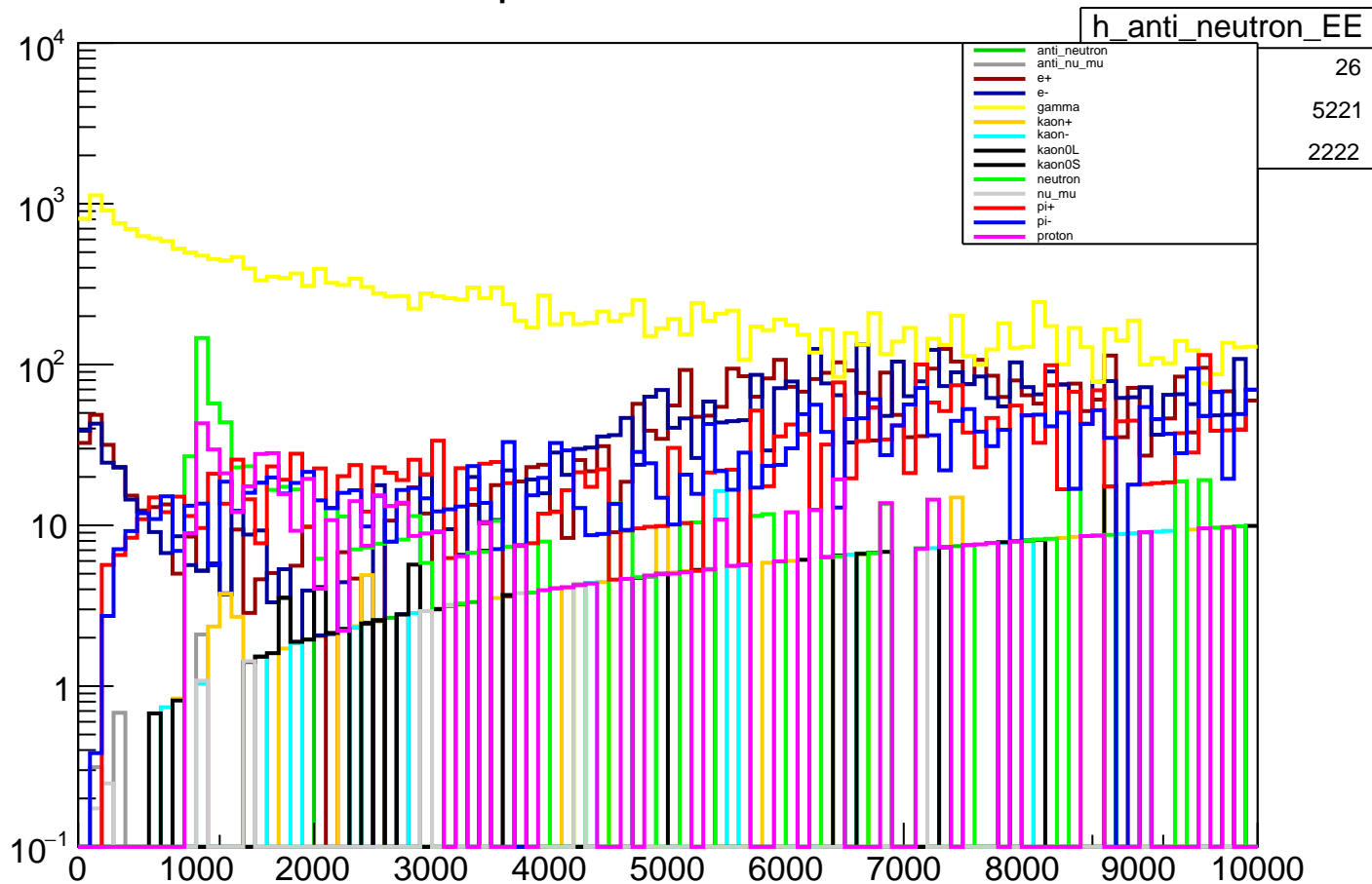
posHist_Middle2



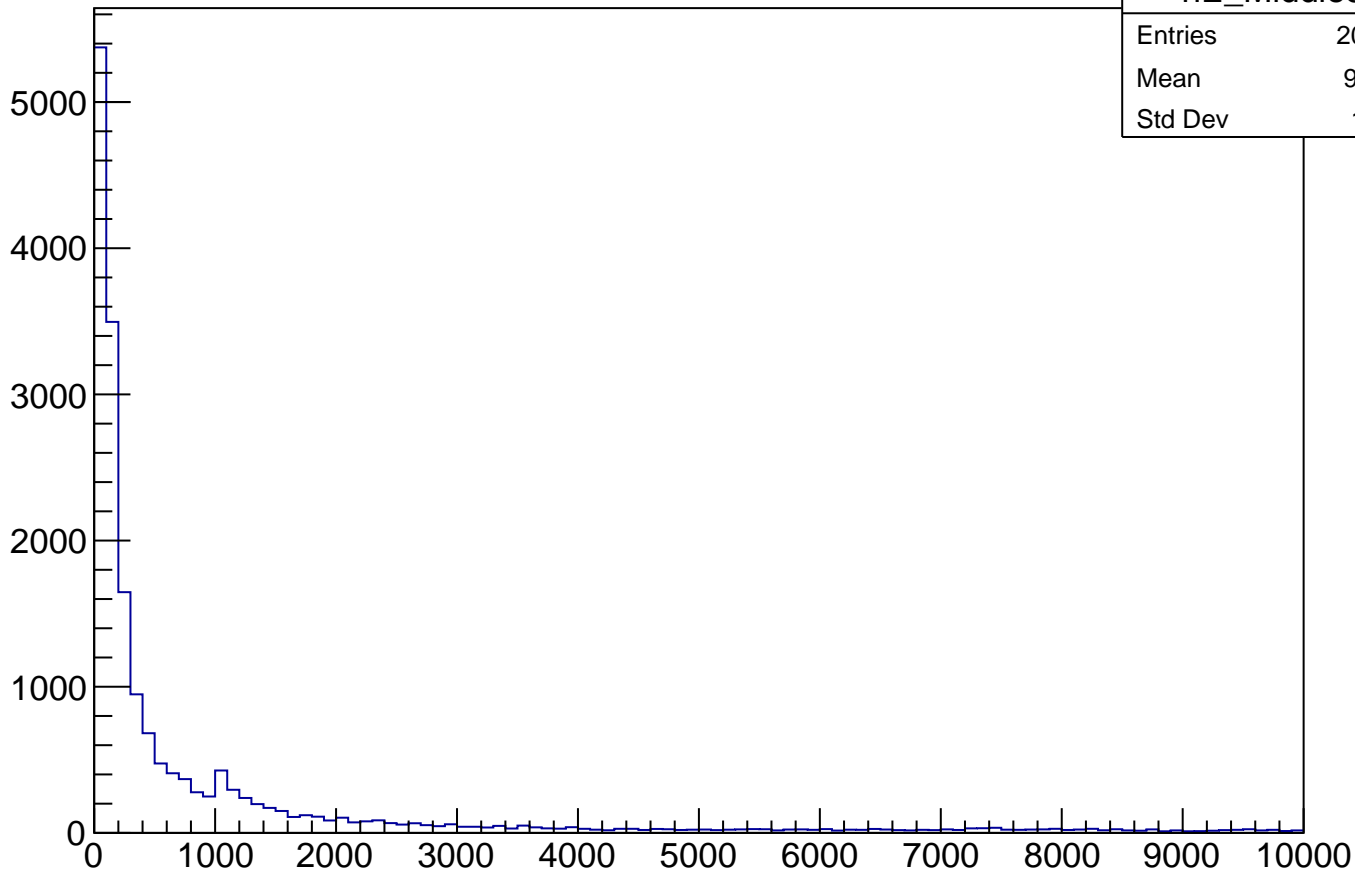
Energy_Middle2



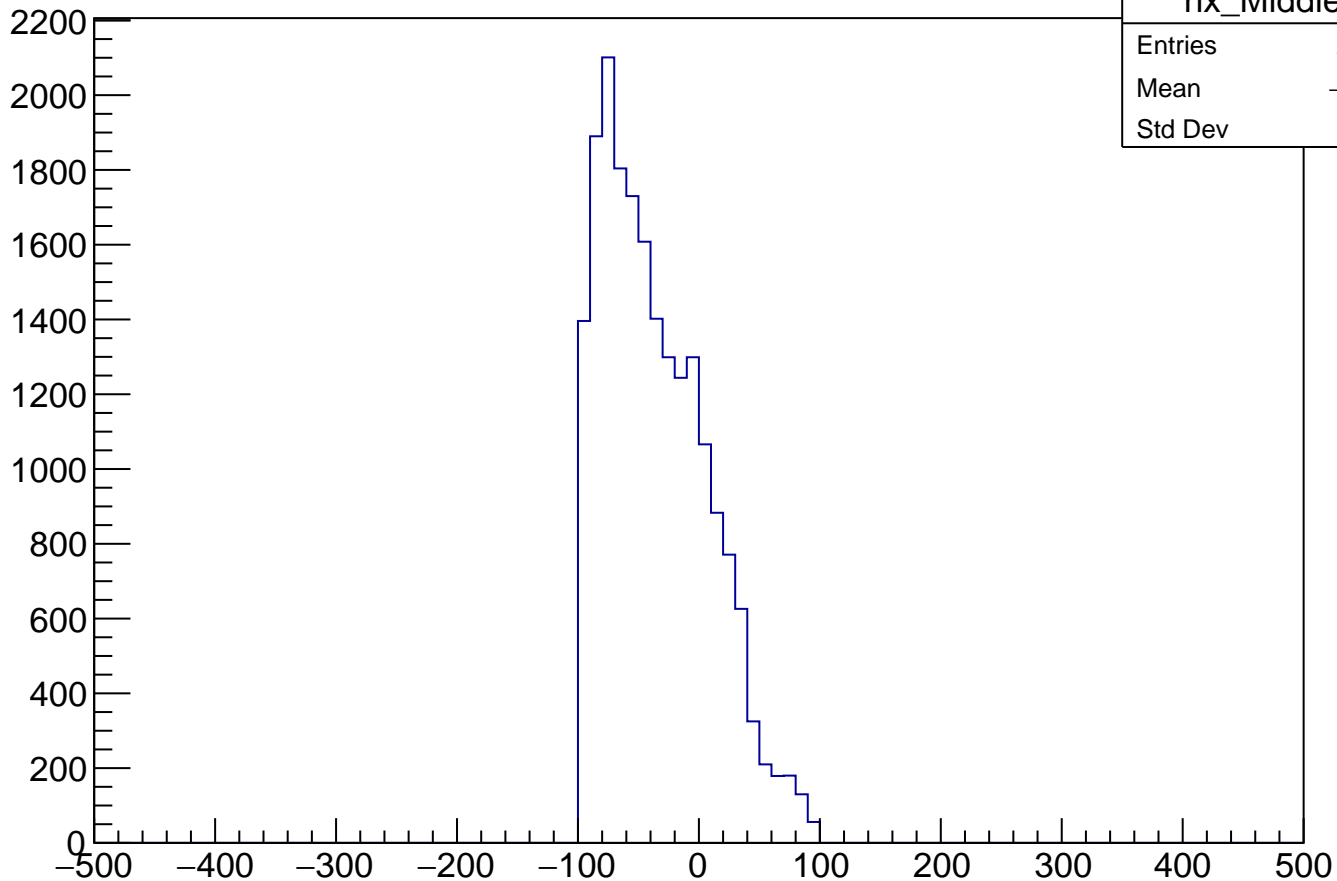
Spectrum_Middle2



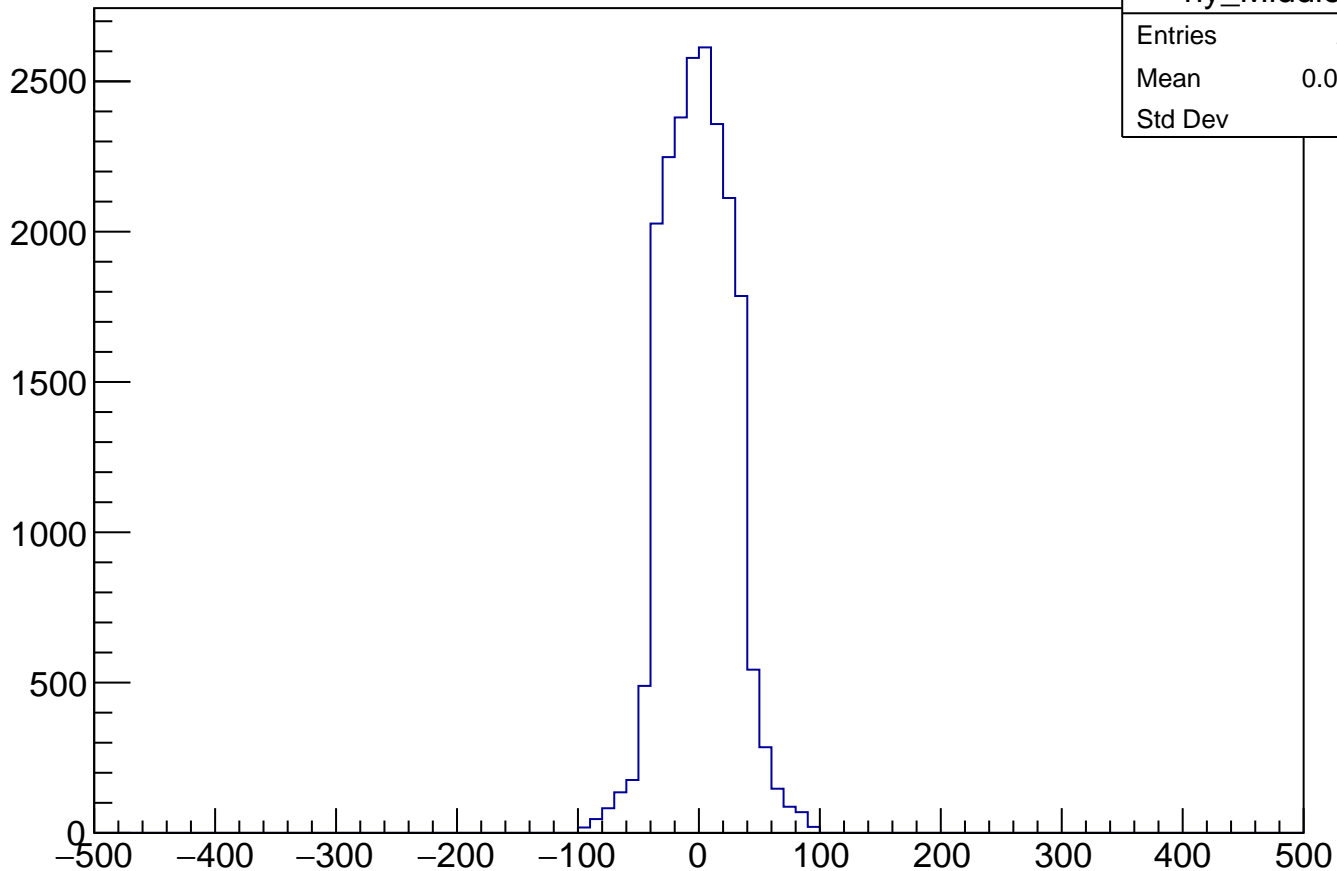
hE_Middle3



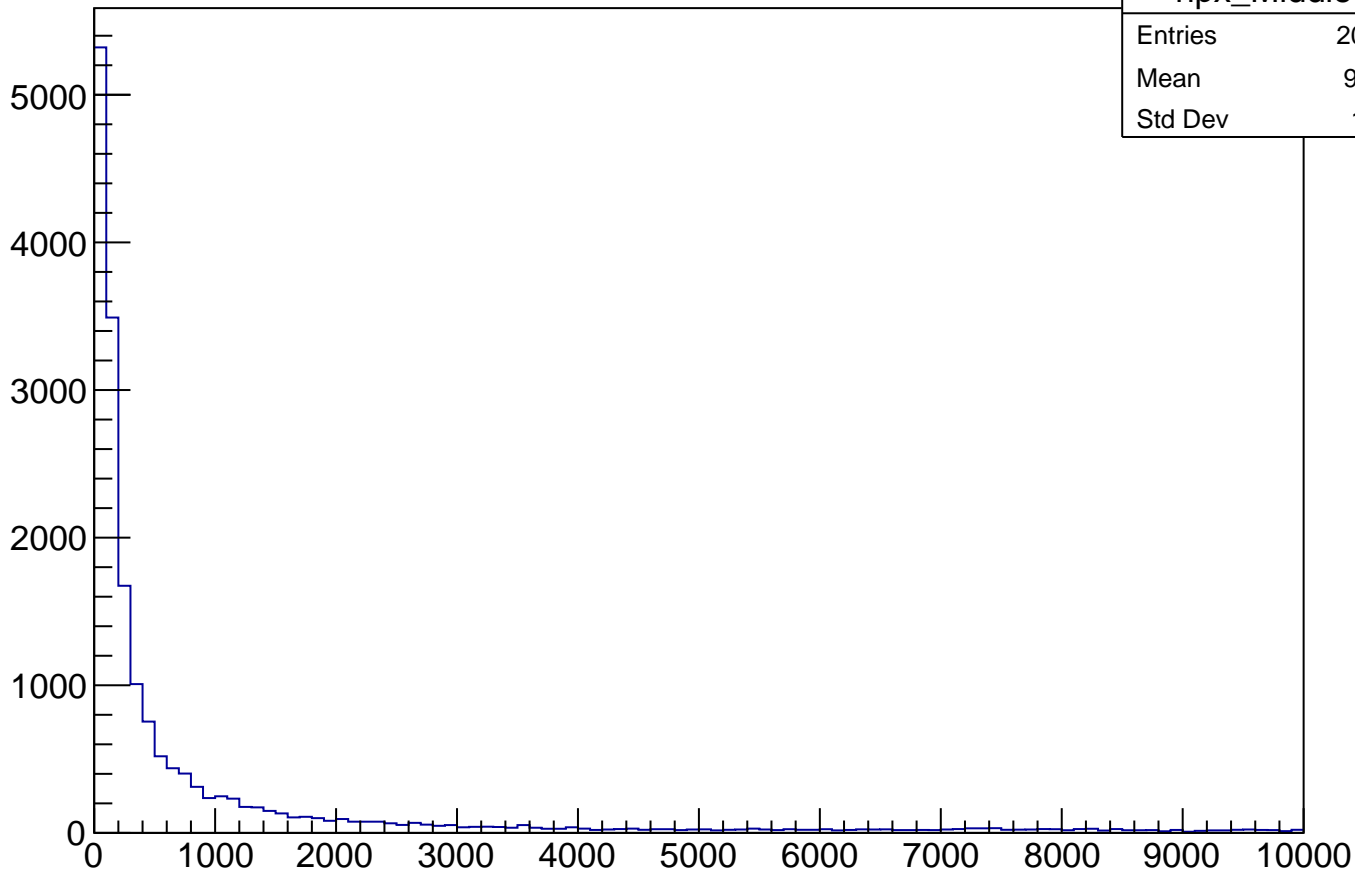
hx_Middle3



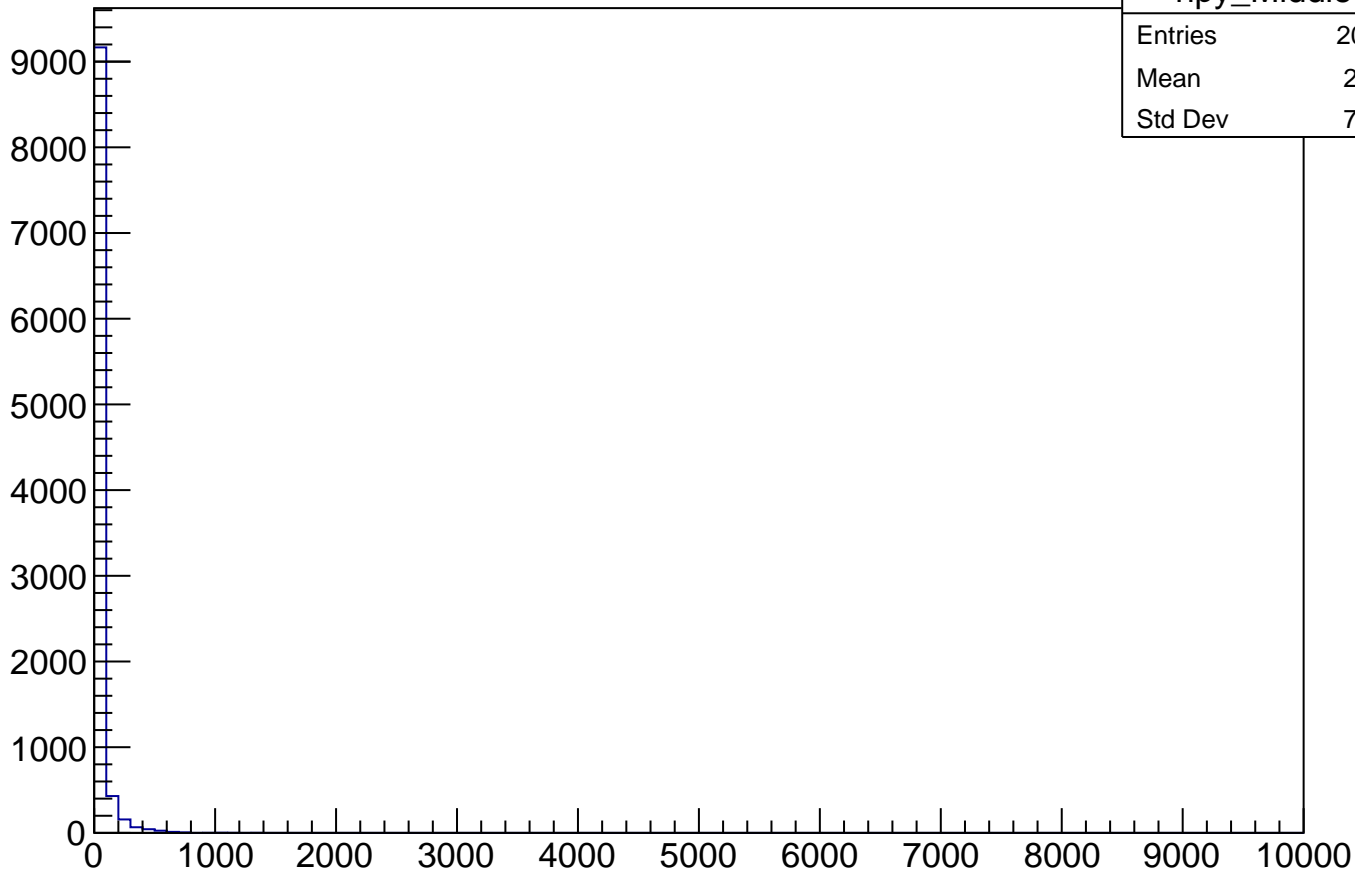
hy_Middle3



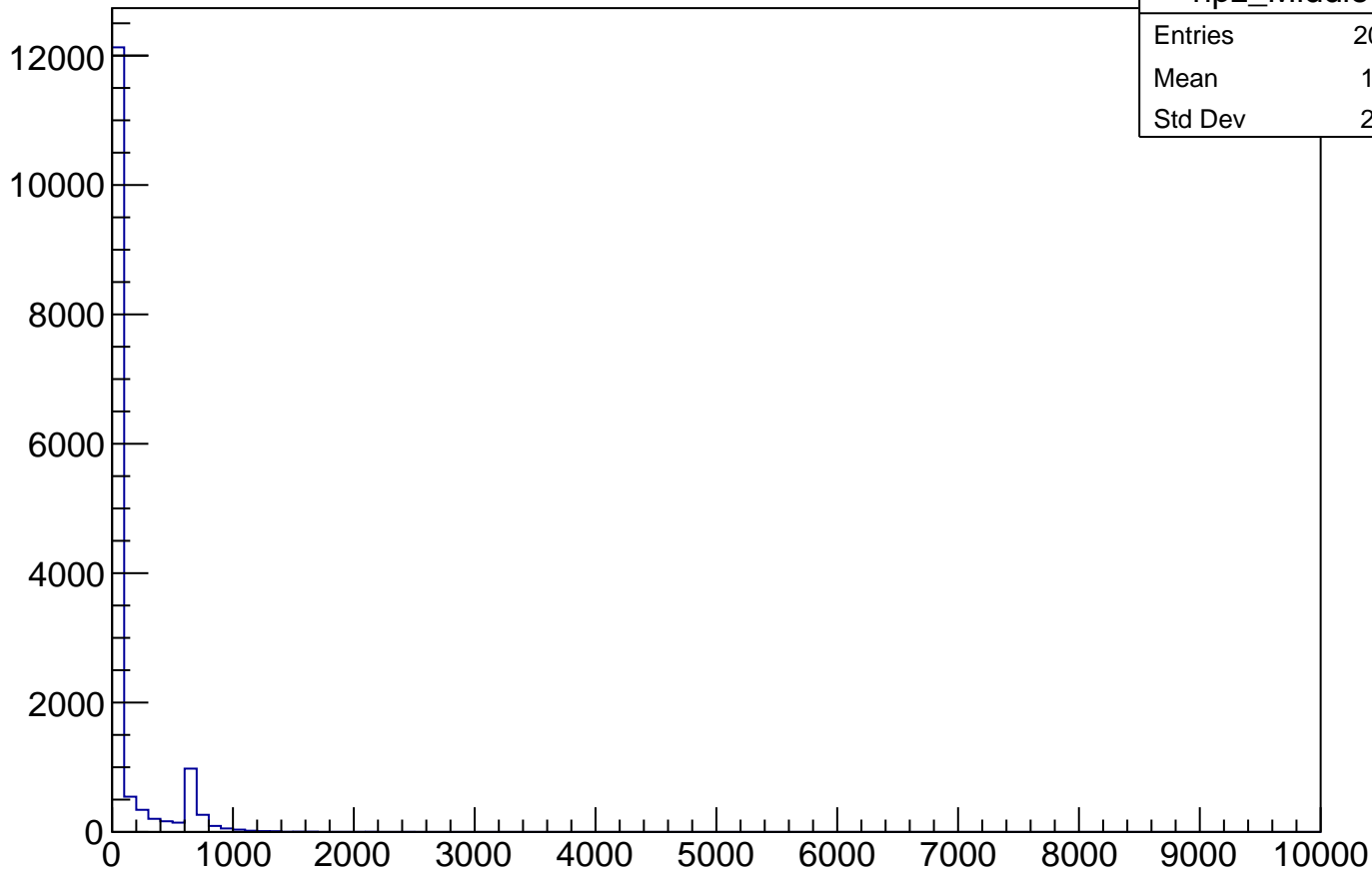
hpx_Middle3



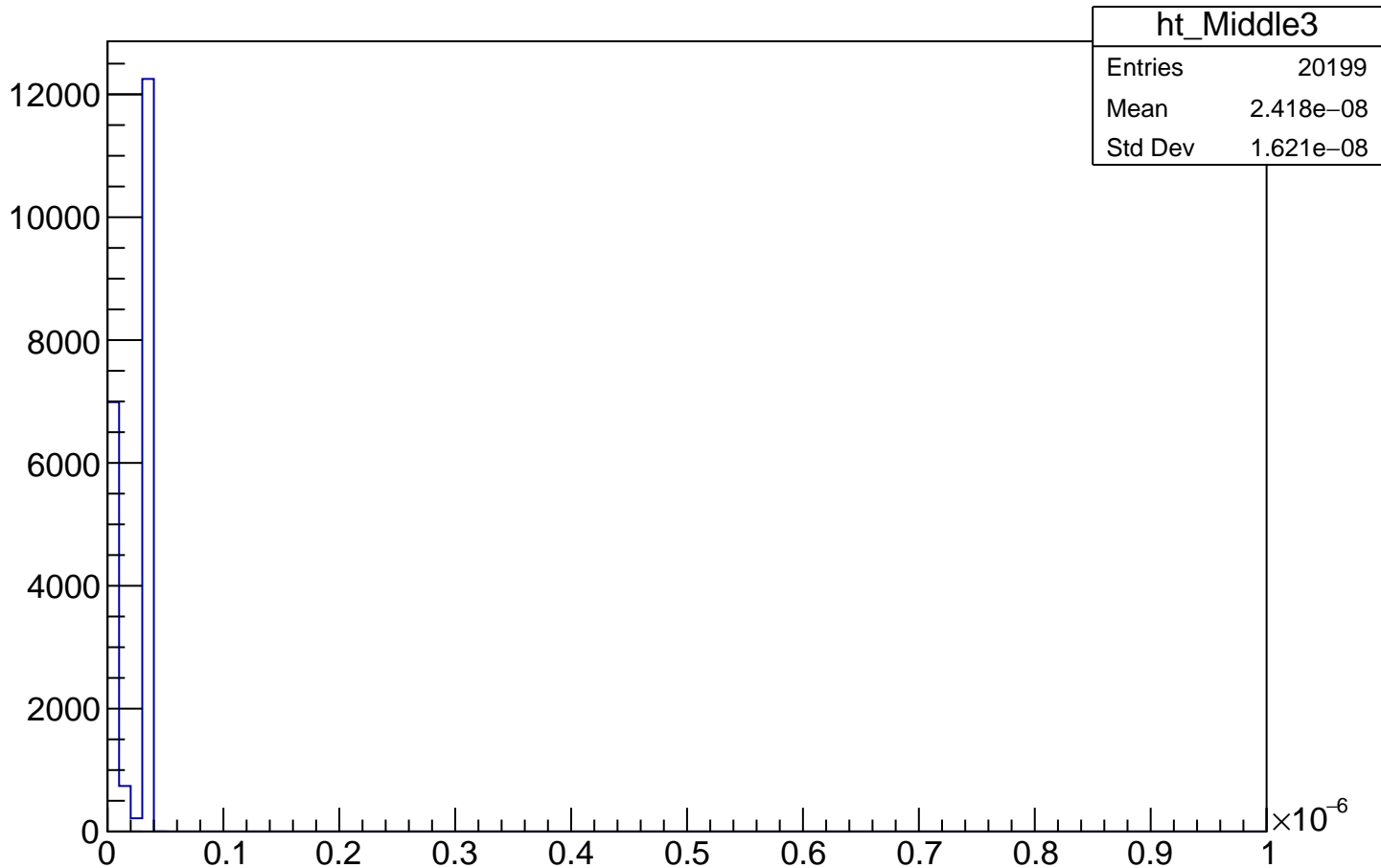
hpy_Middle3



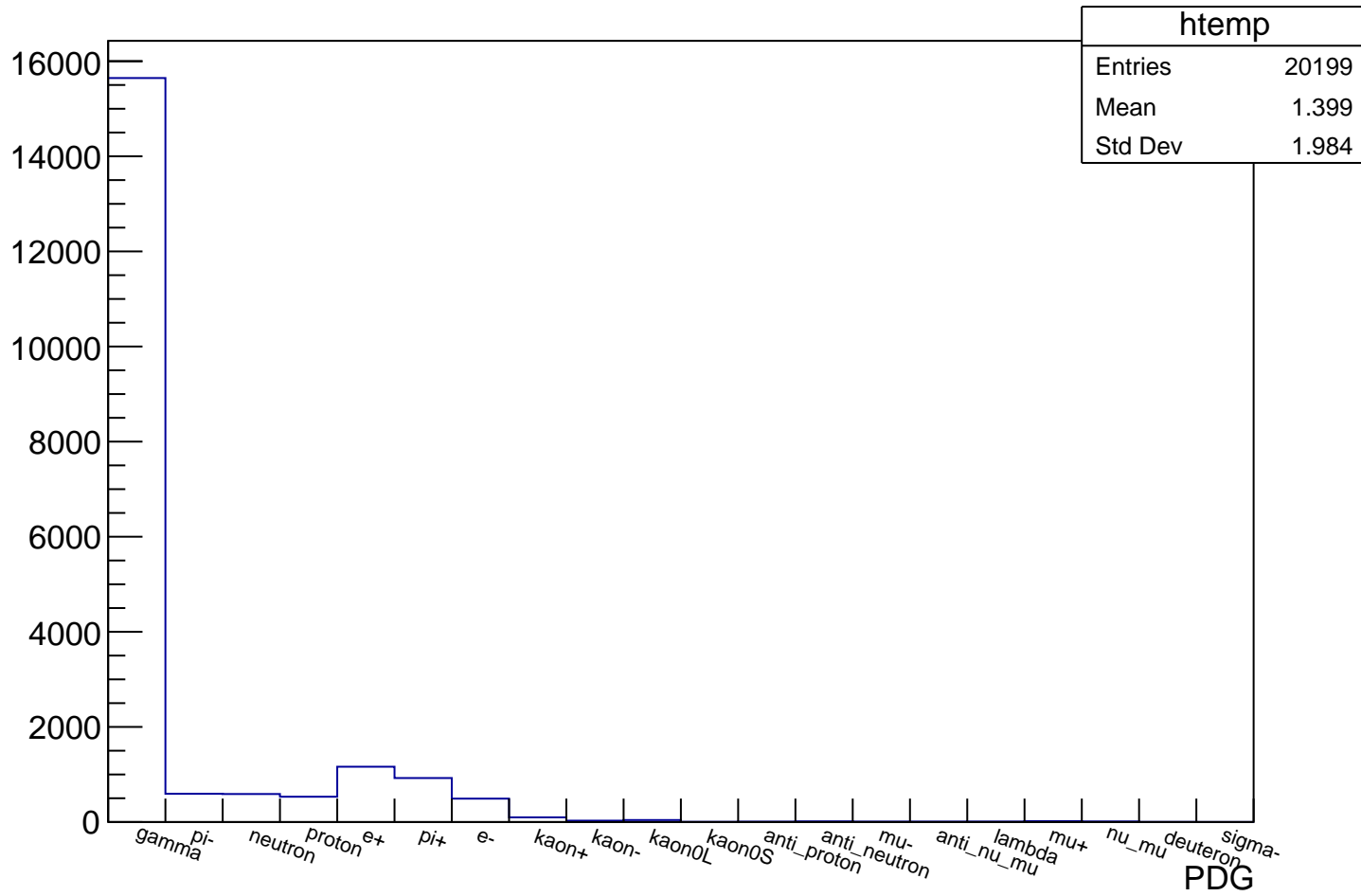
hpz_Middle3



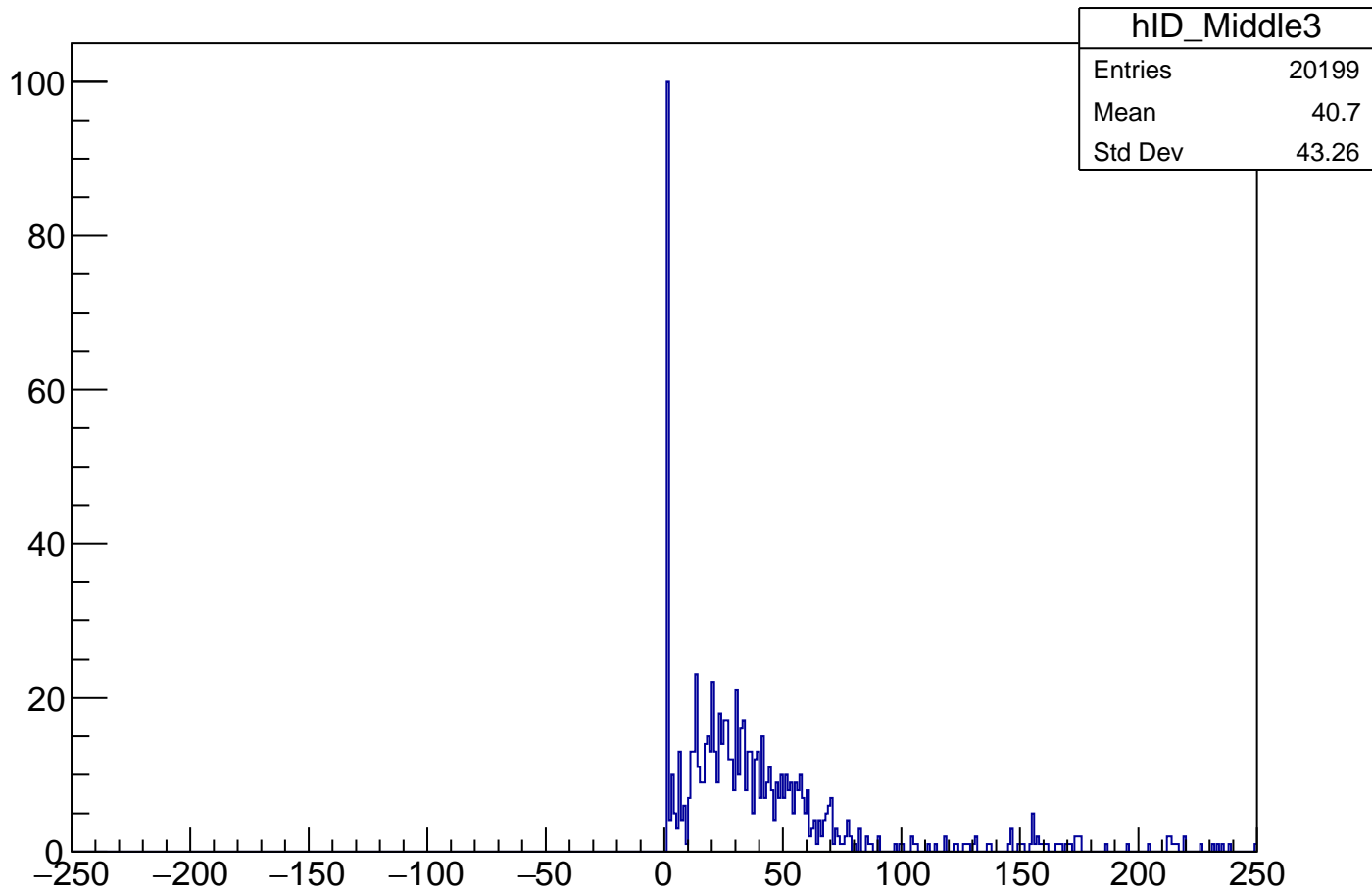
ht_Middle3



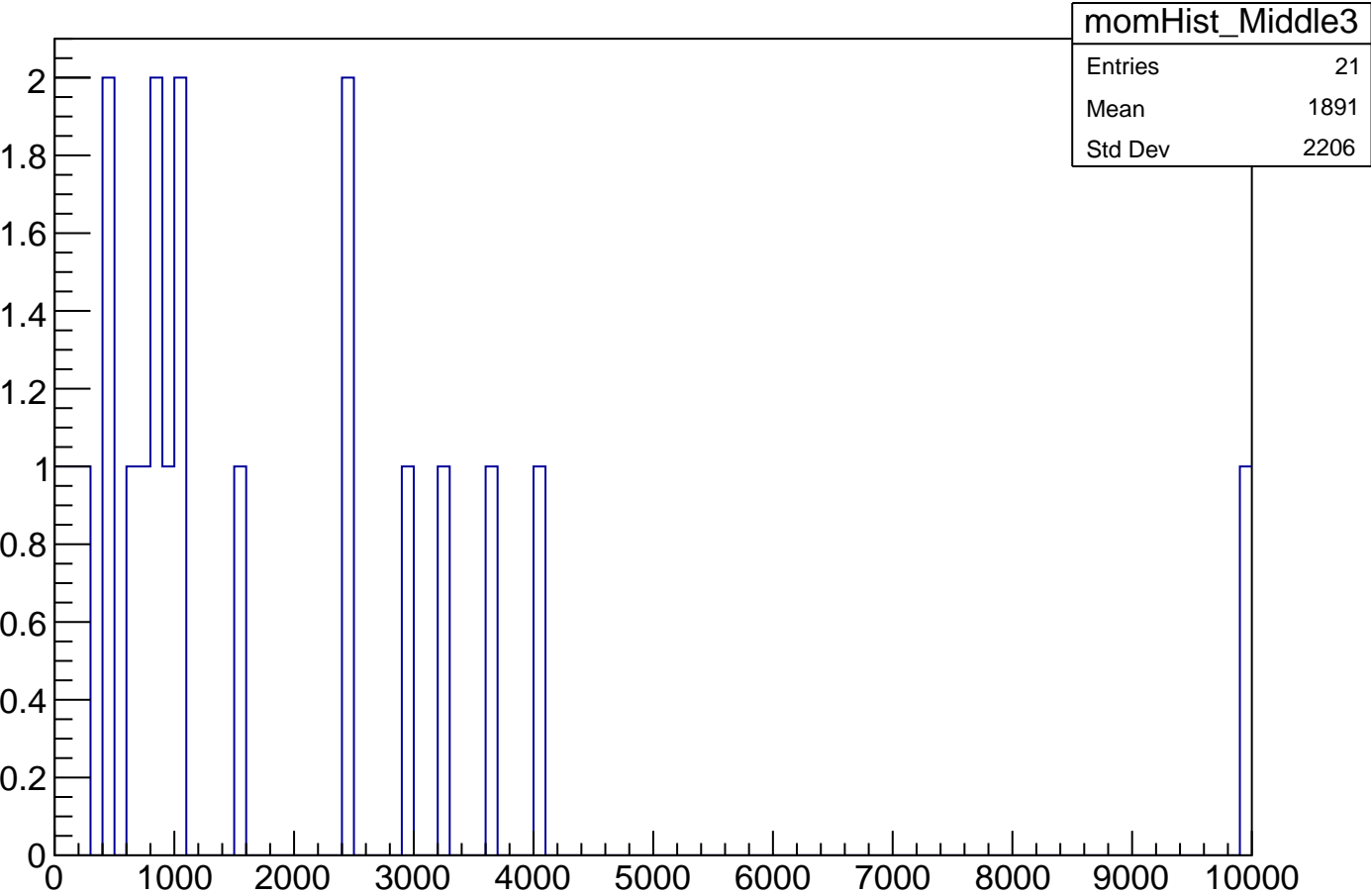
PDG



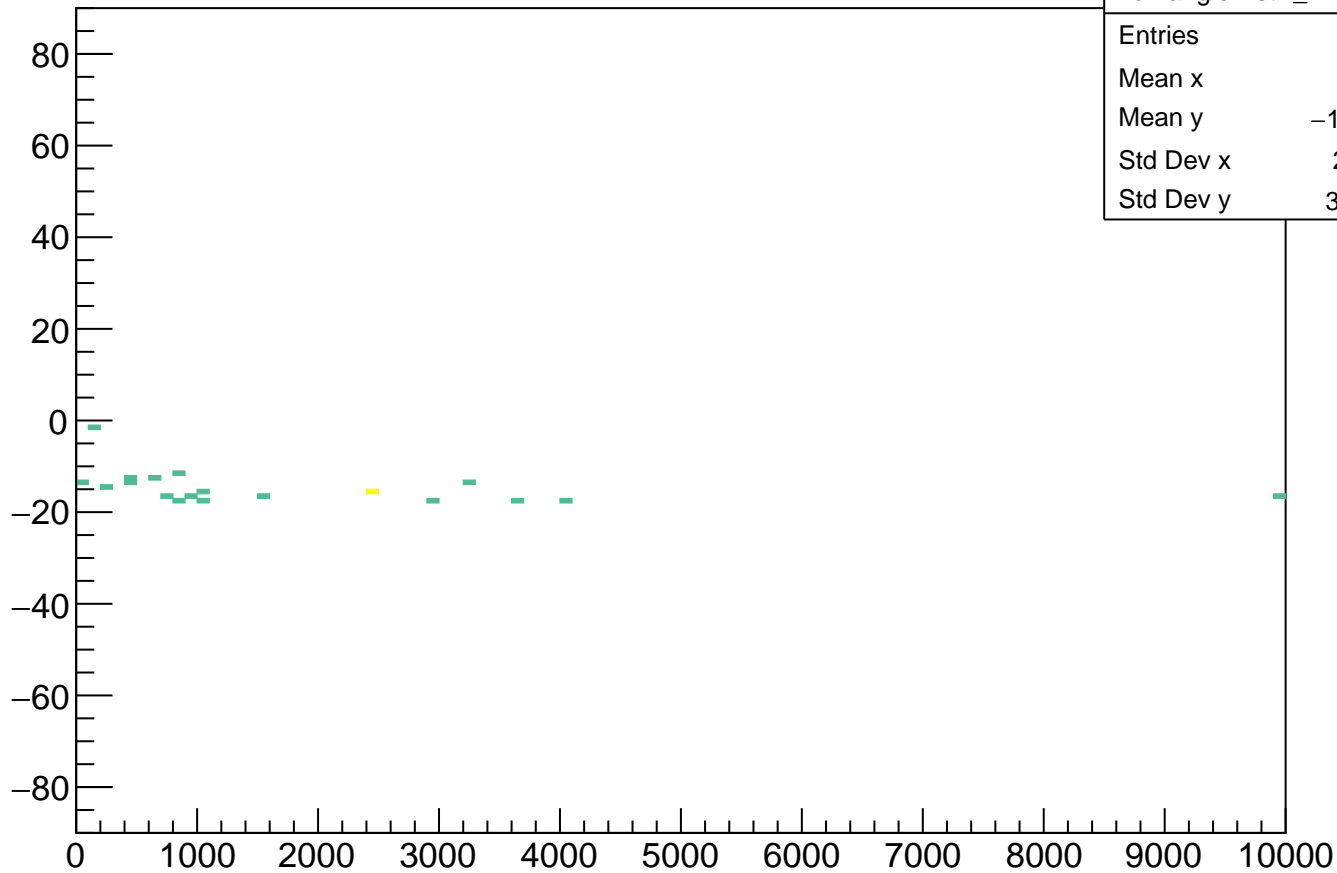
hID_Middle3



momHist_Middle3

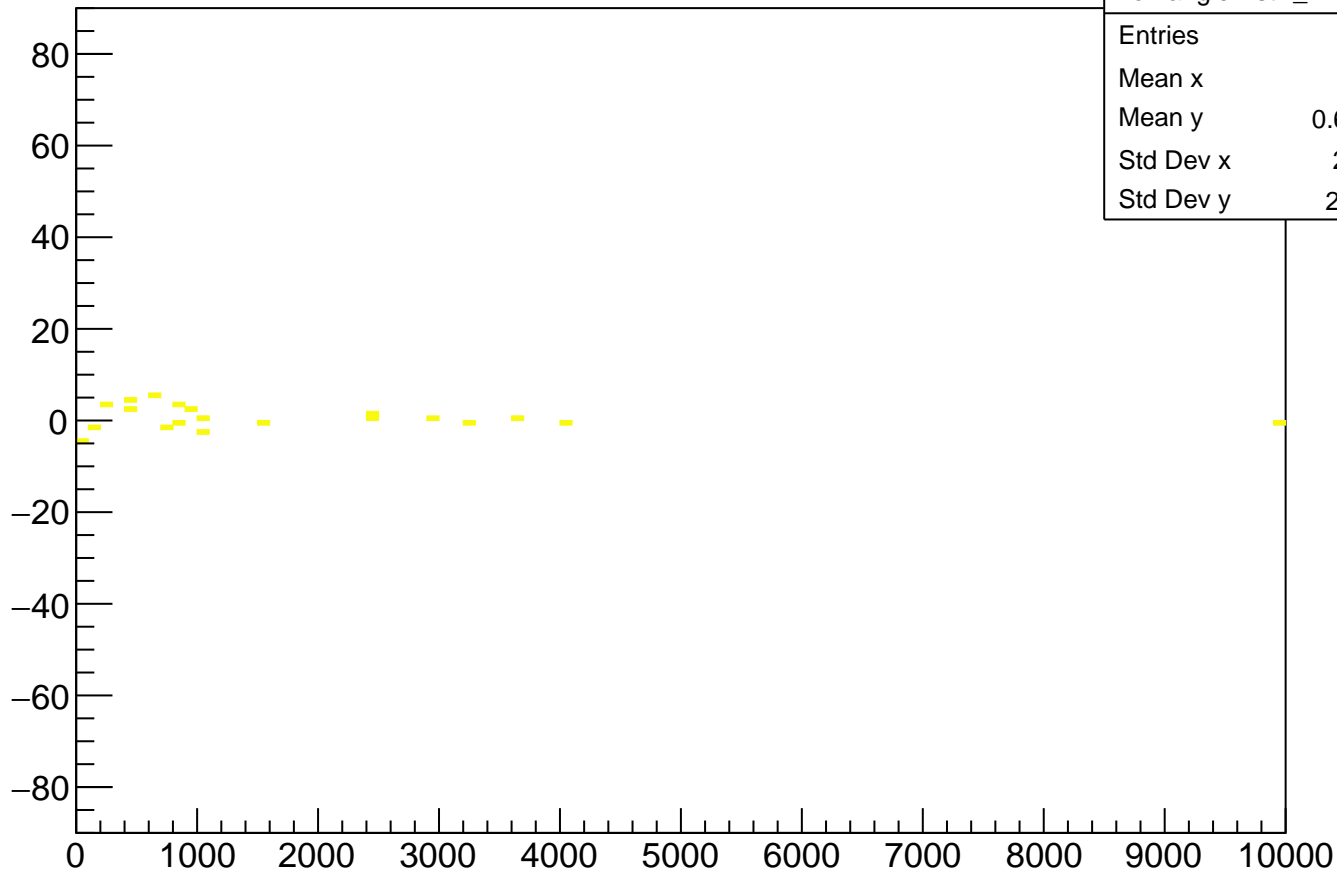


momangleHistX_Middle3



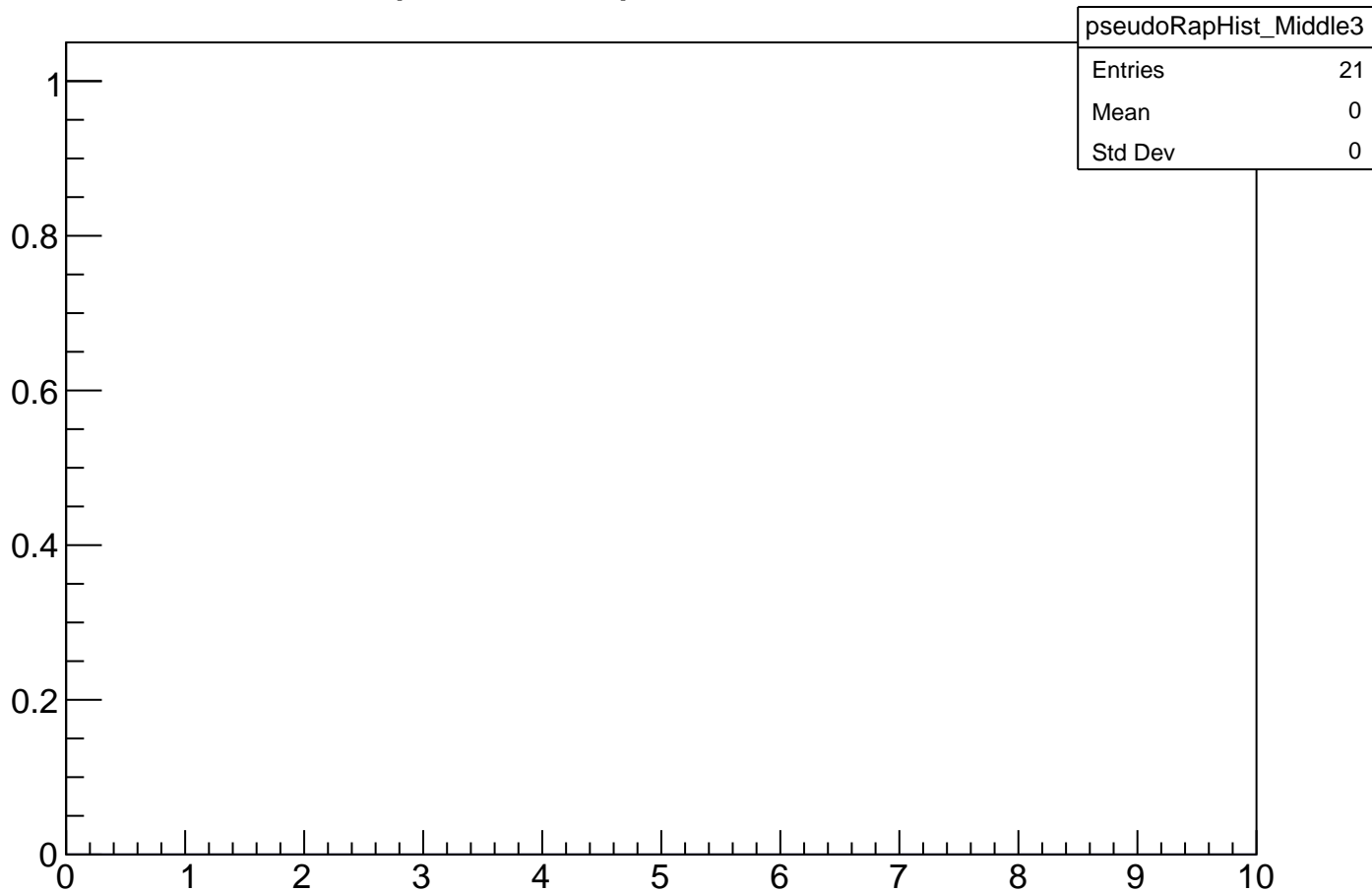
momangleHistX_Middle3	
Entries	21
Mean x	1891
Mean y	-14.69
Std Dev x	2206
Std Dev y	3.642

momangleHistY_Middle3

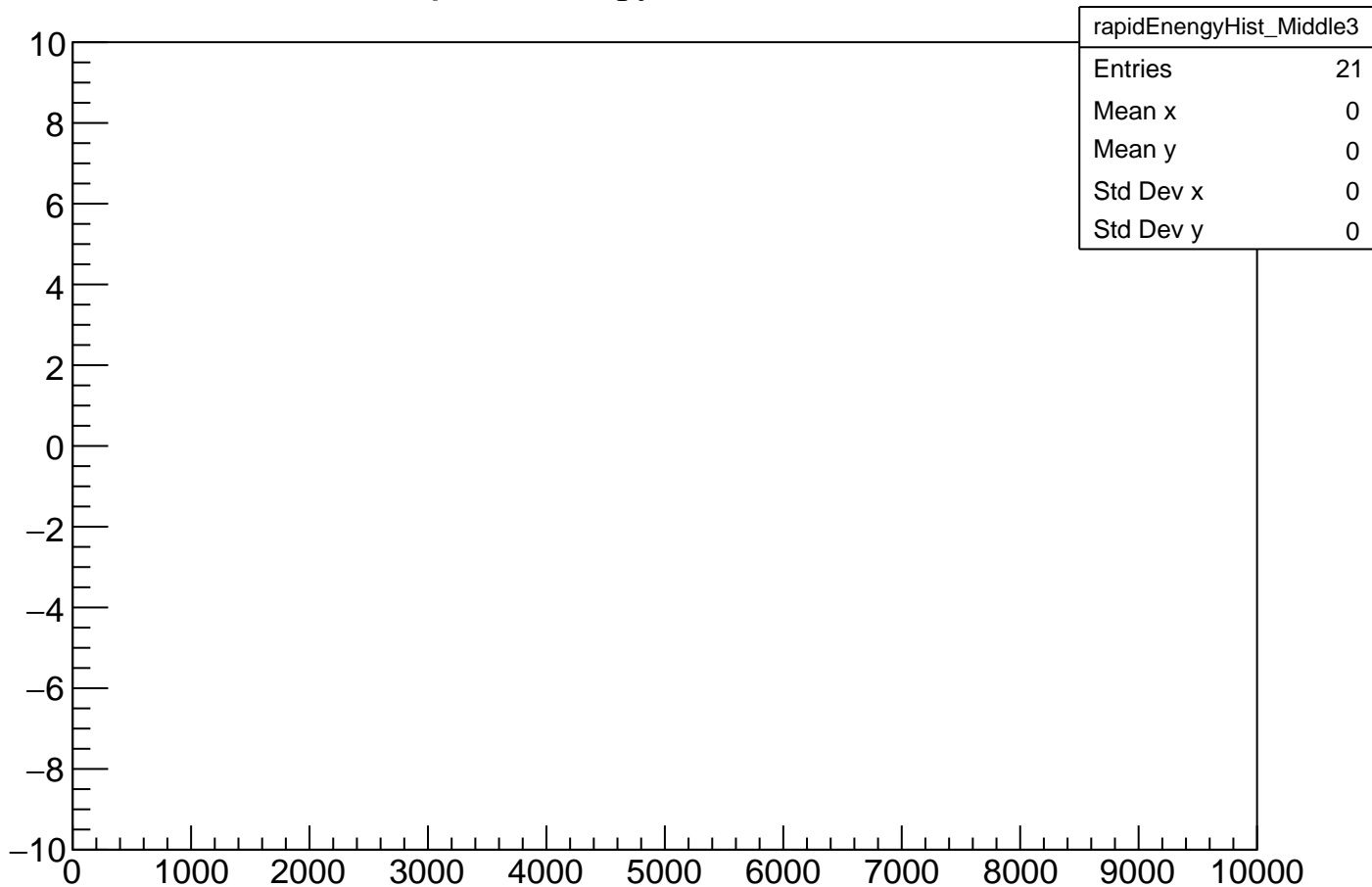


momangleHistY_Middle3	
Entries	21
Mean x	1891
Mean y	0.6554
Std Dev x	2206
Std Dev y	2.356

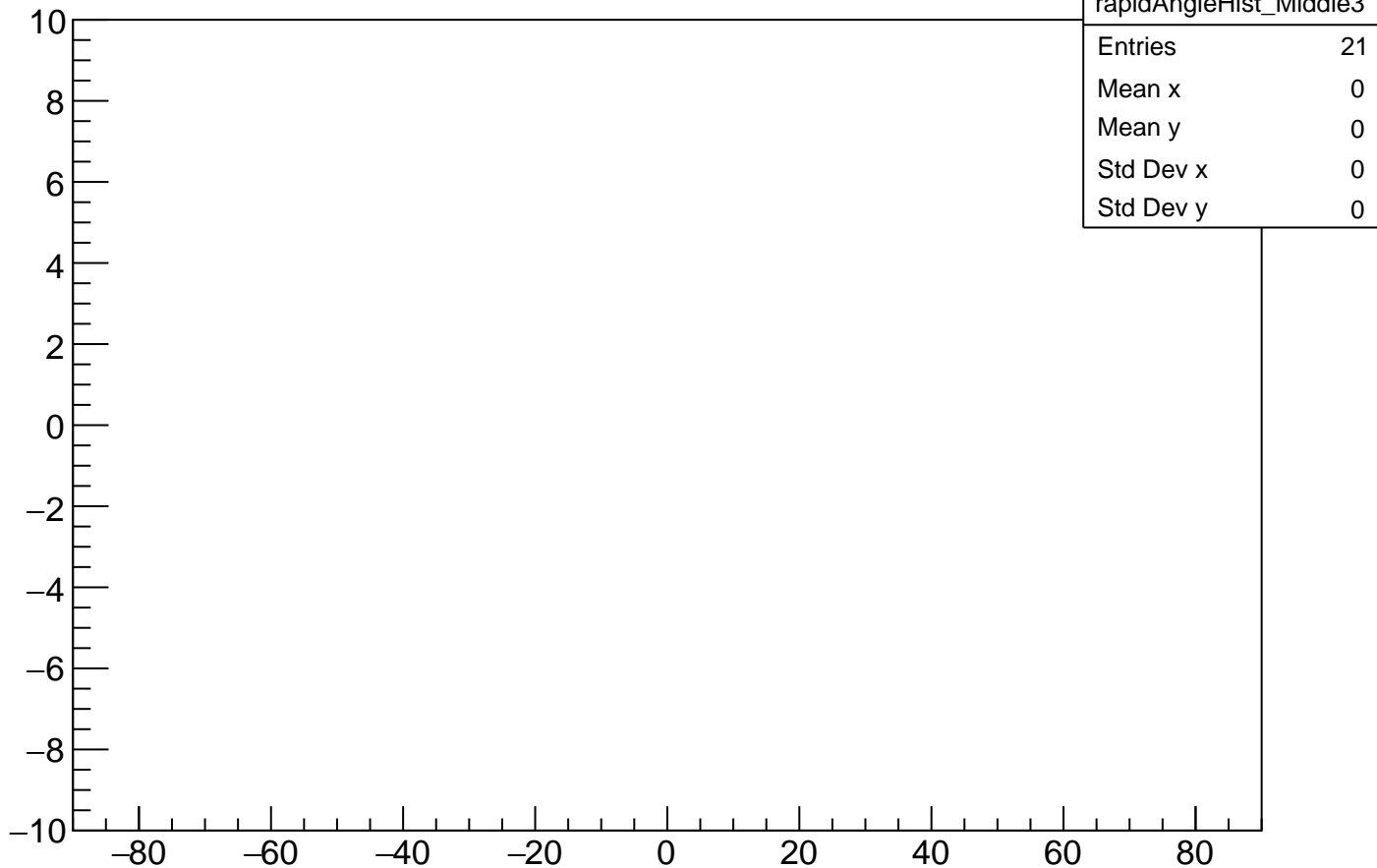
pseudoRapHist_Middle3



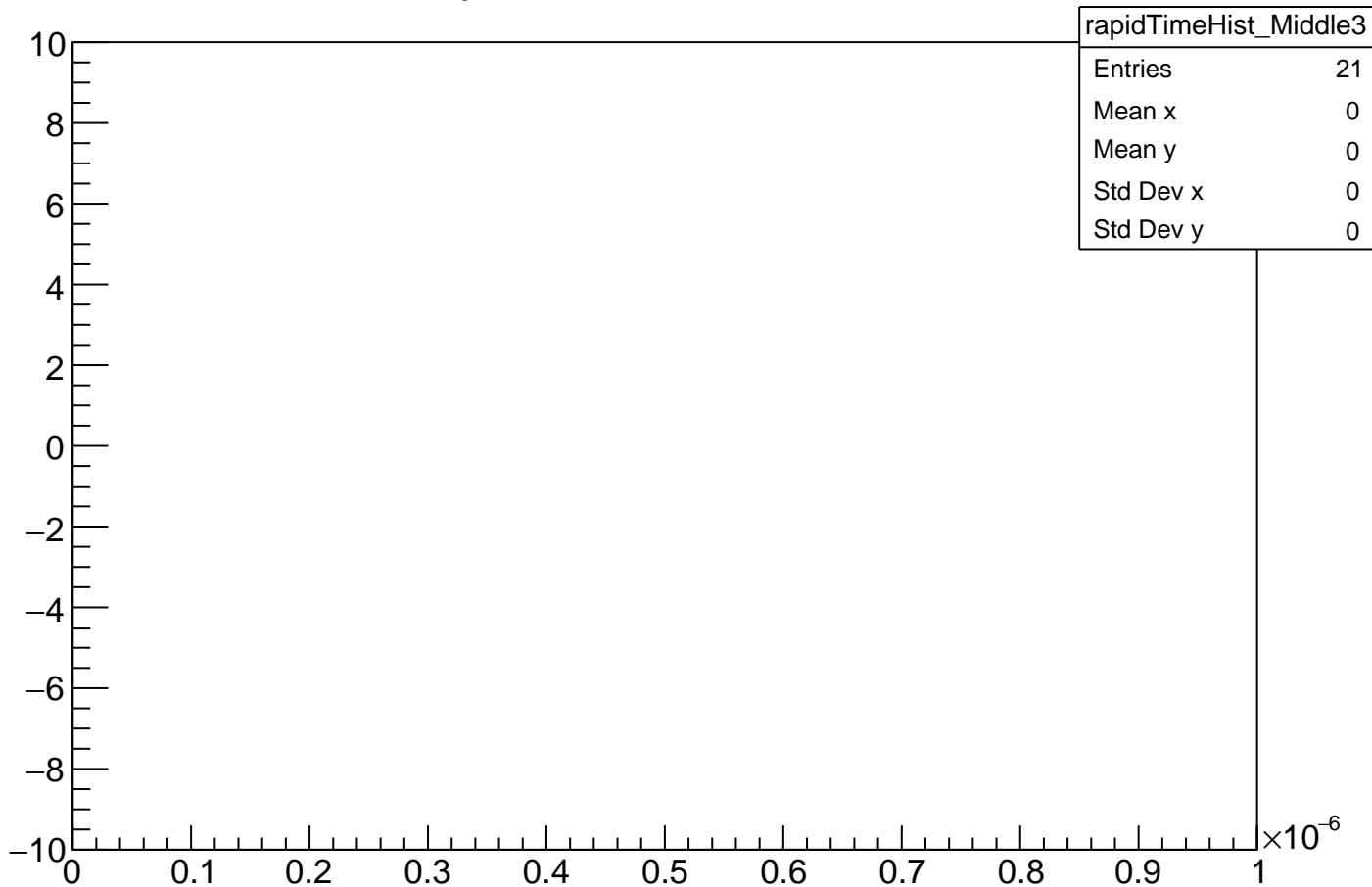
rapidEnergyHist_Middle3



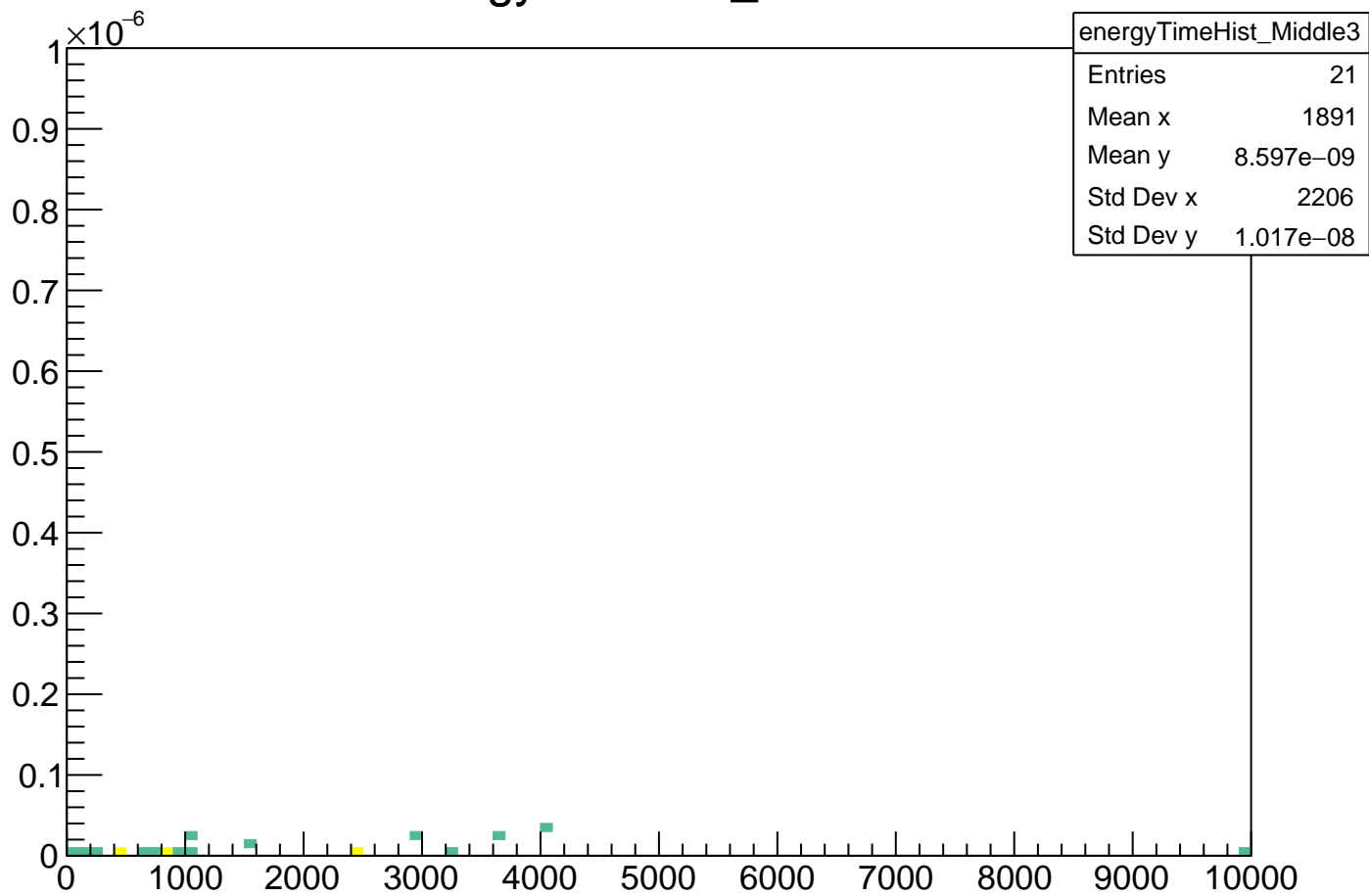
rapidAngleHist_Middle3



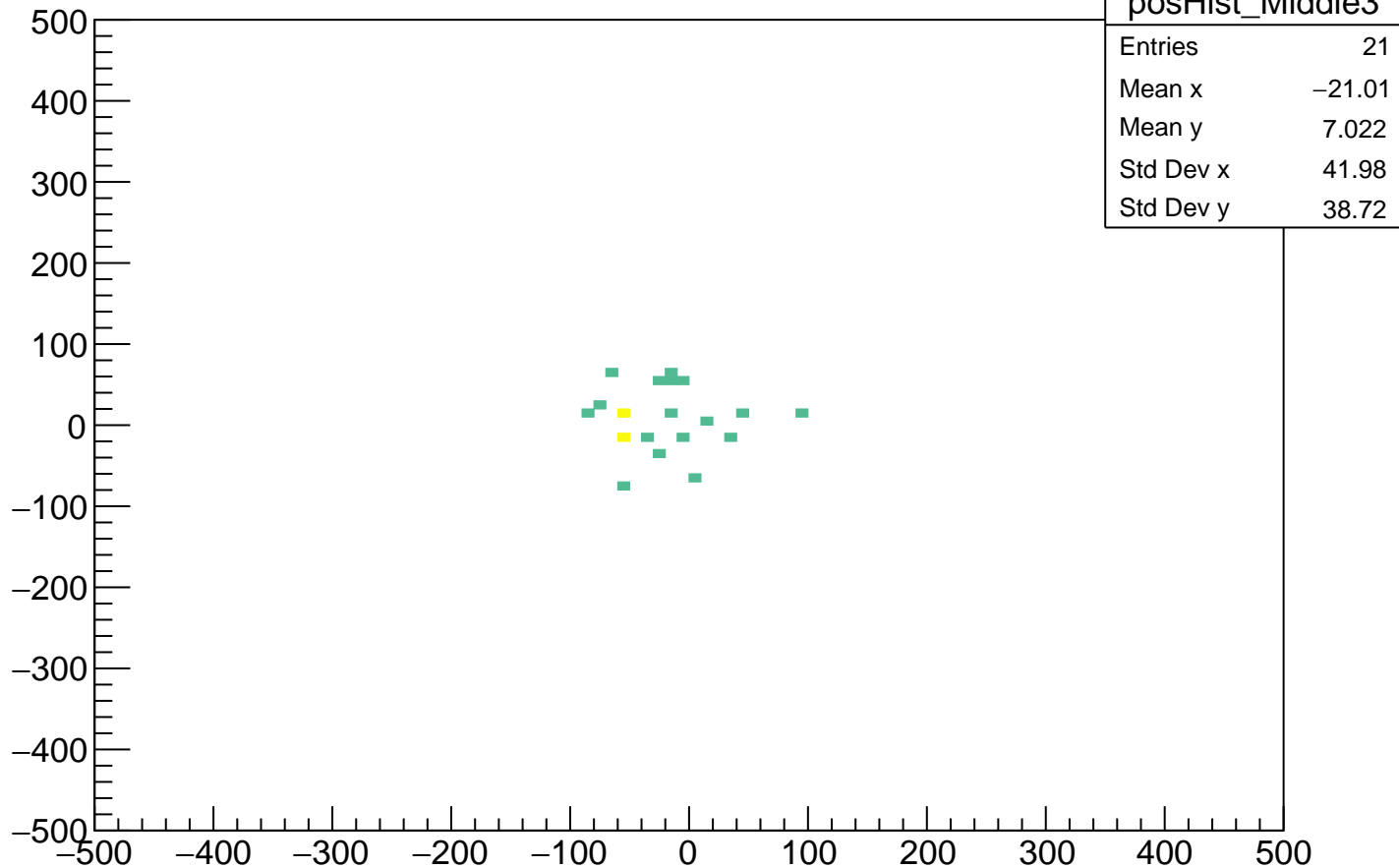
rapidTimeHist_Middle3



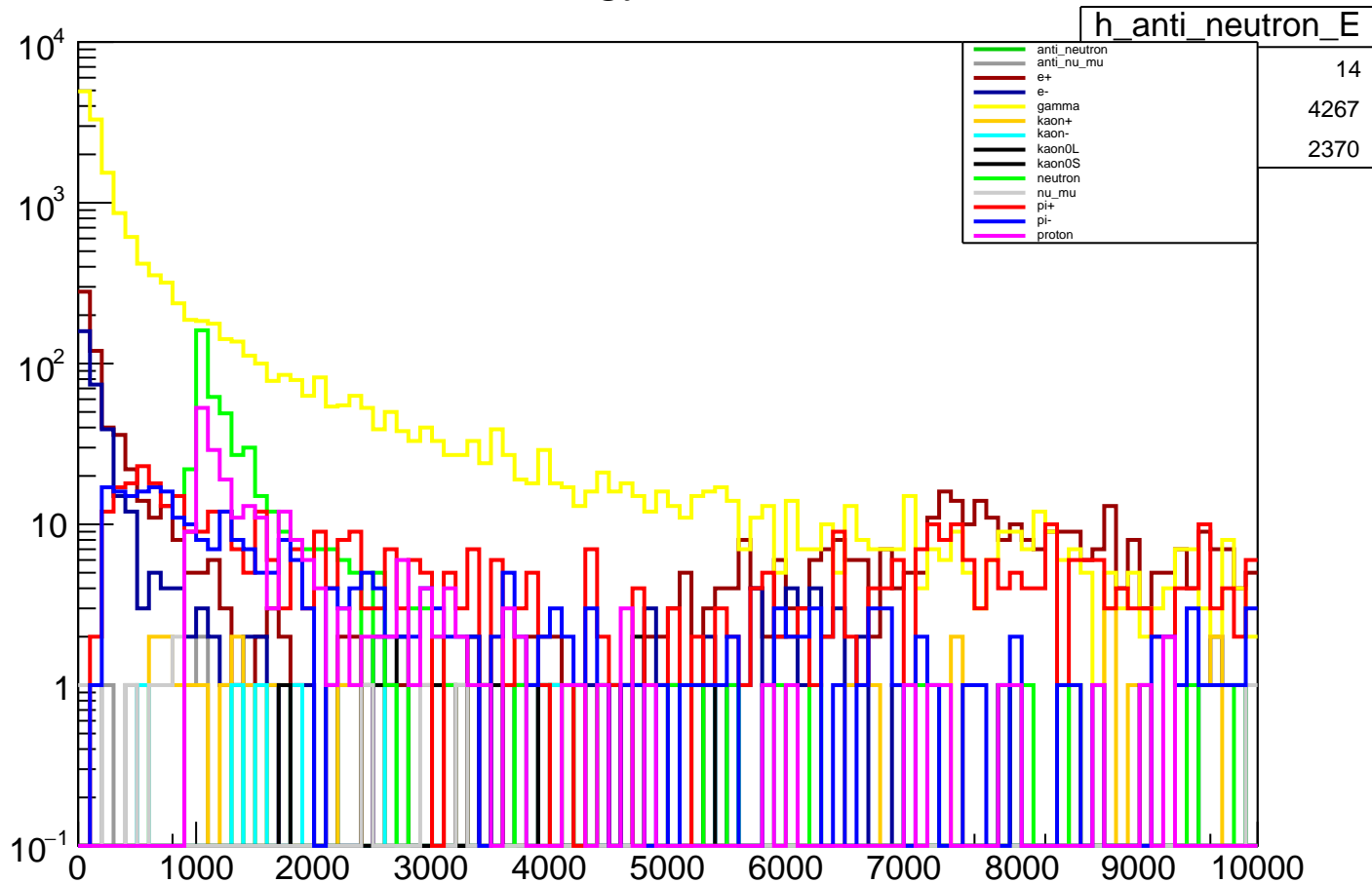
energyTimeHist_Middle3



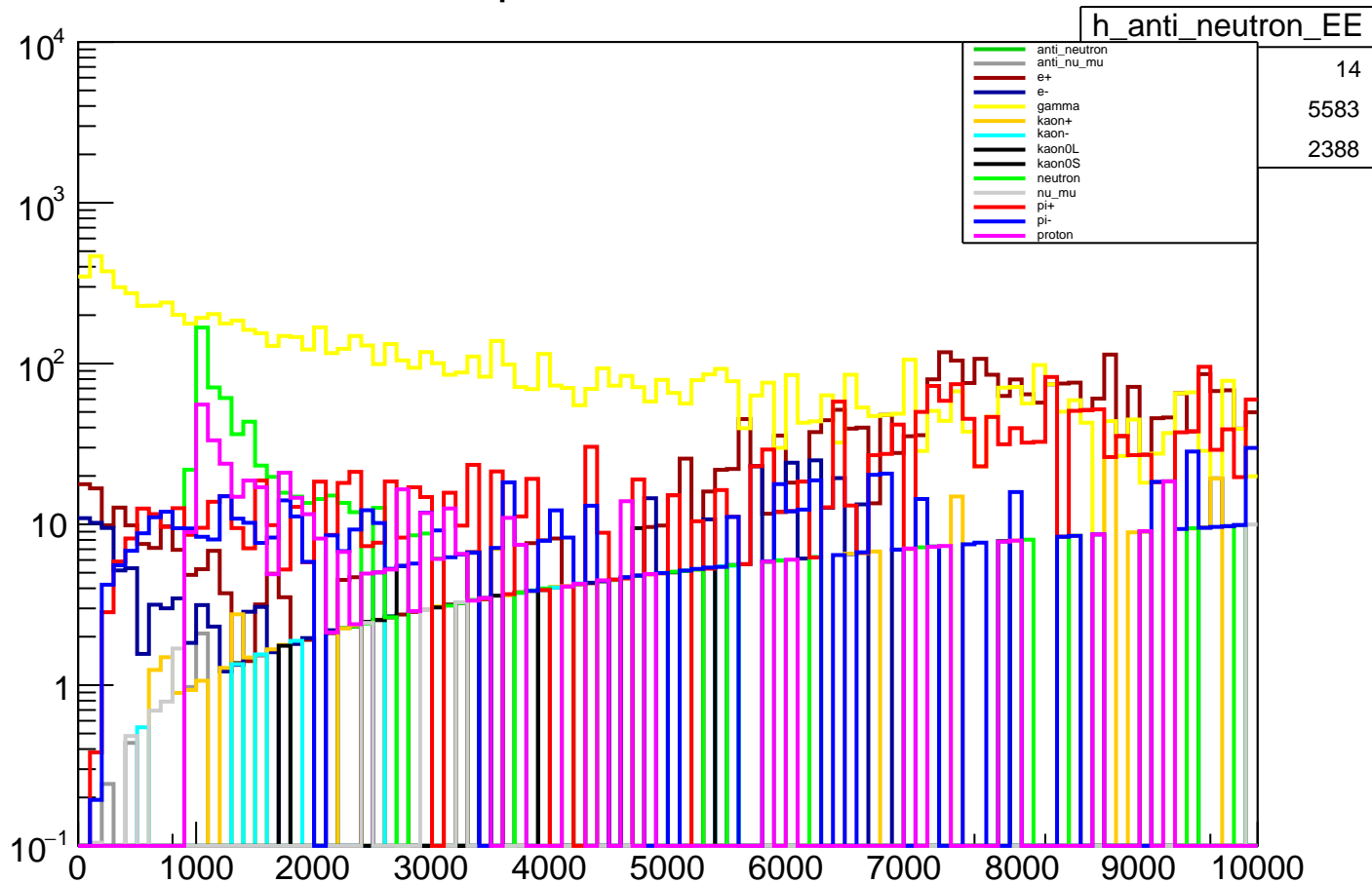
posHist_Middle3



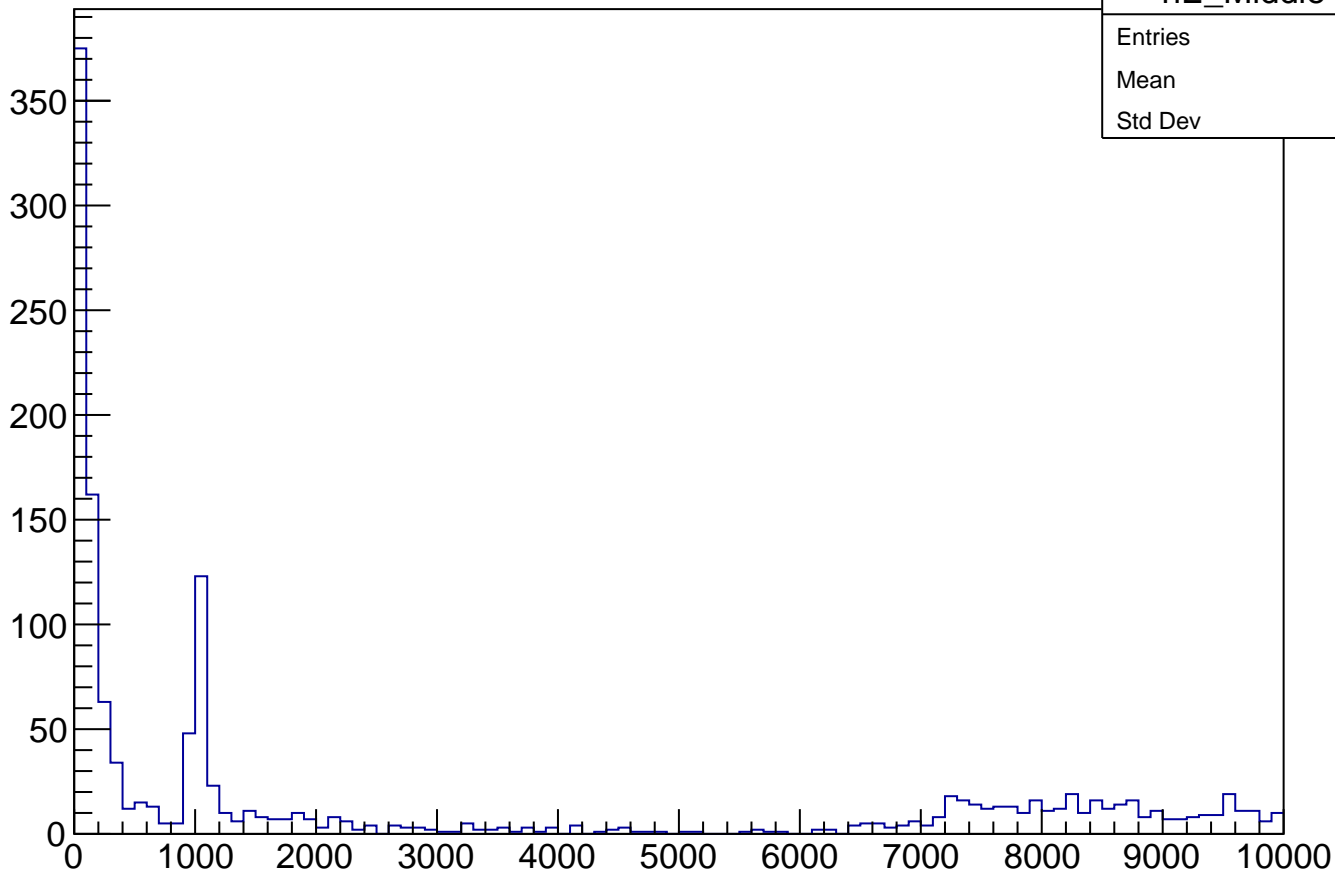
Energy_Middle3



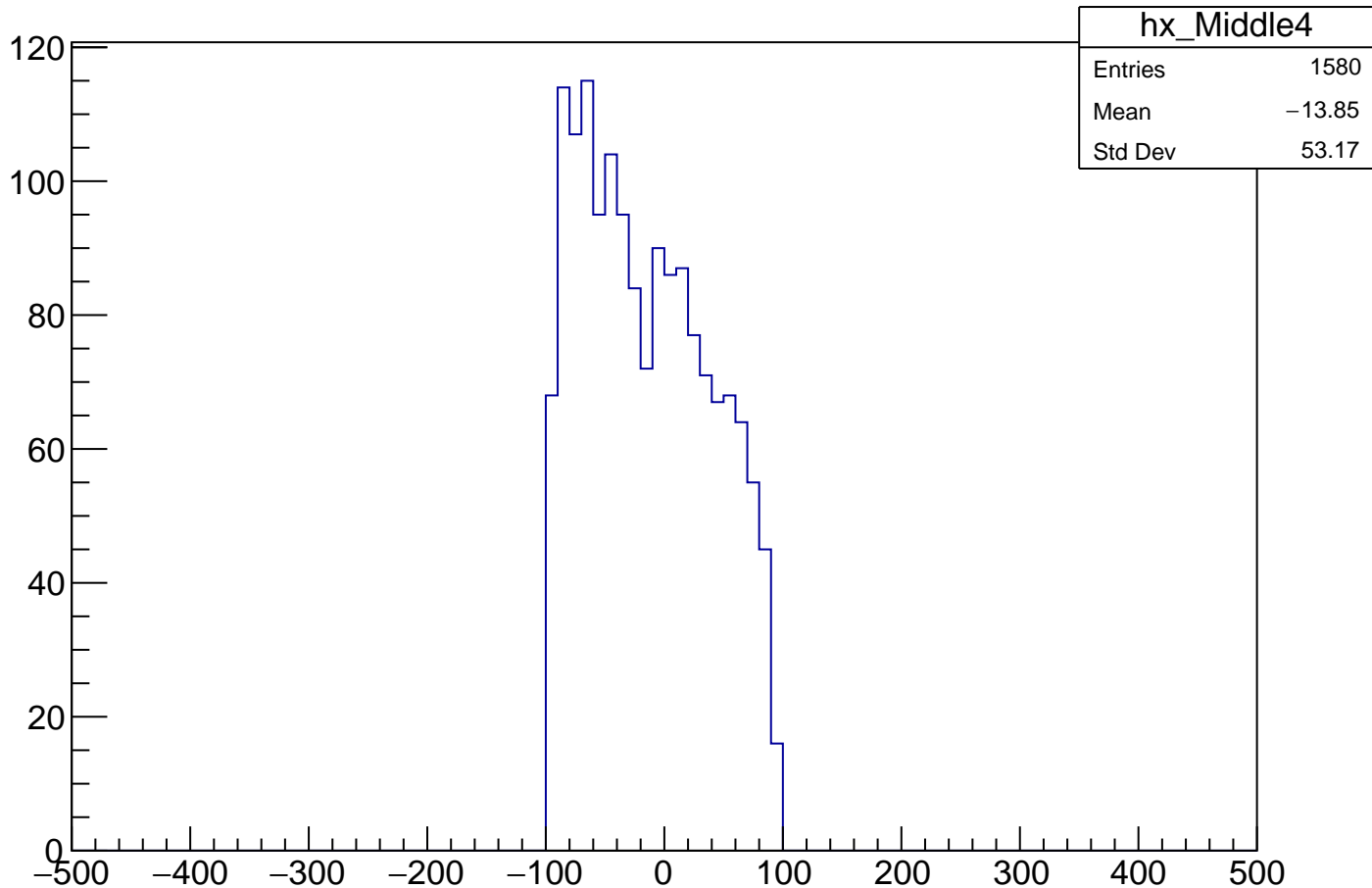
Spectrum_Middle3



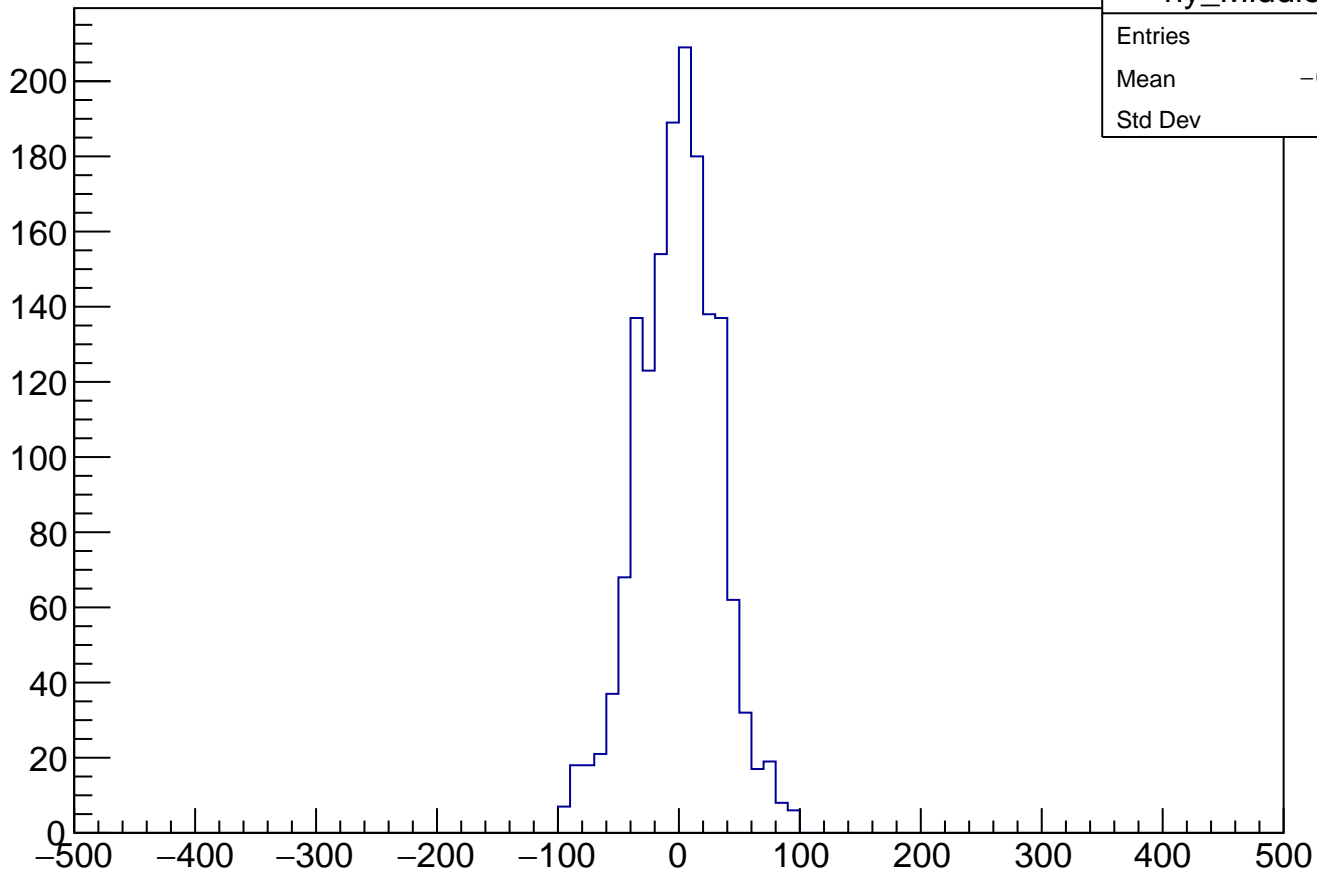
hE_Middle4



hx_Middle4

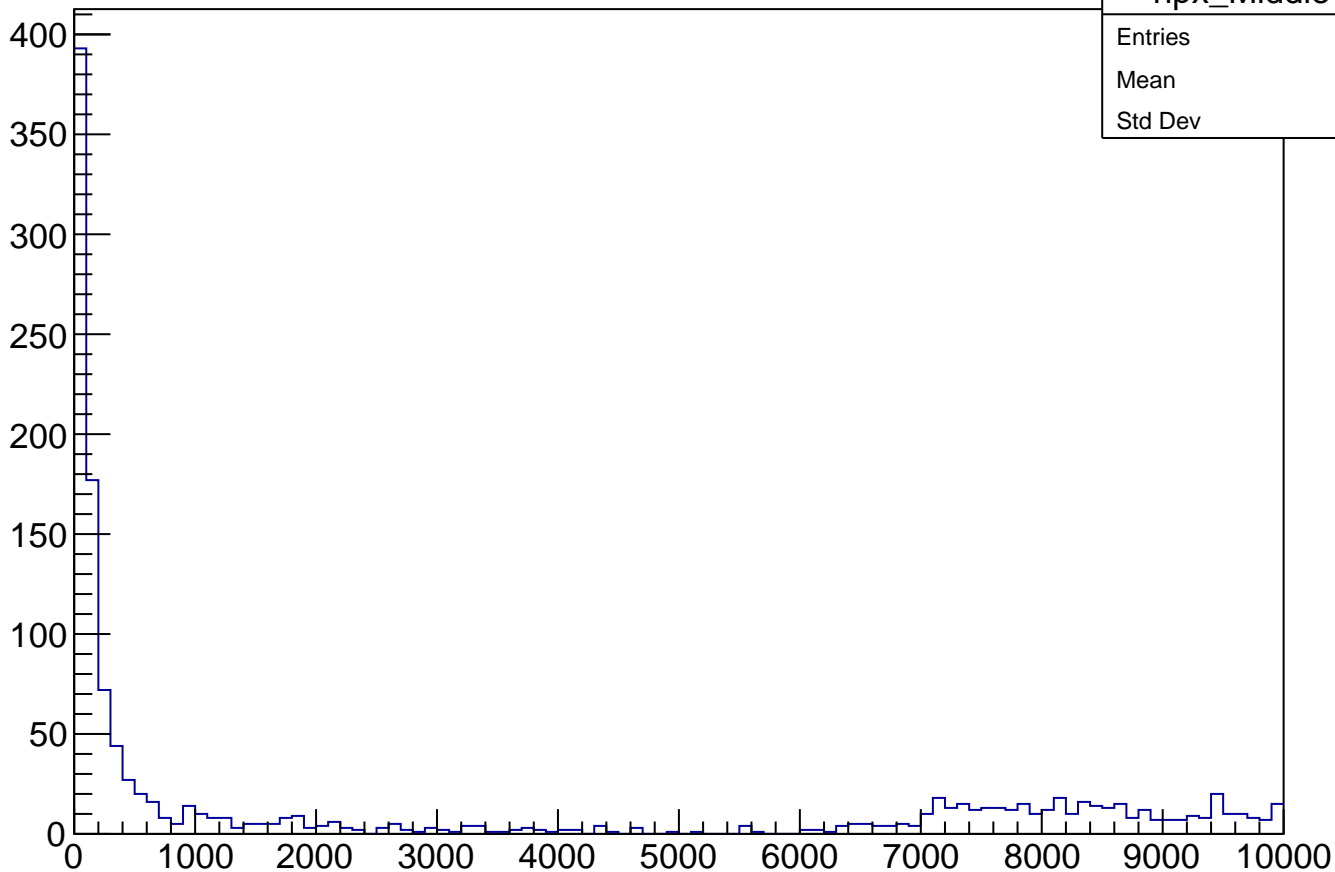


hy_Middle4

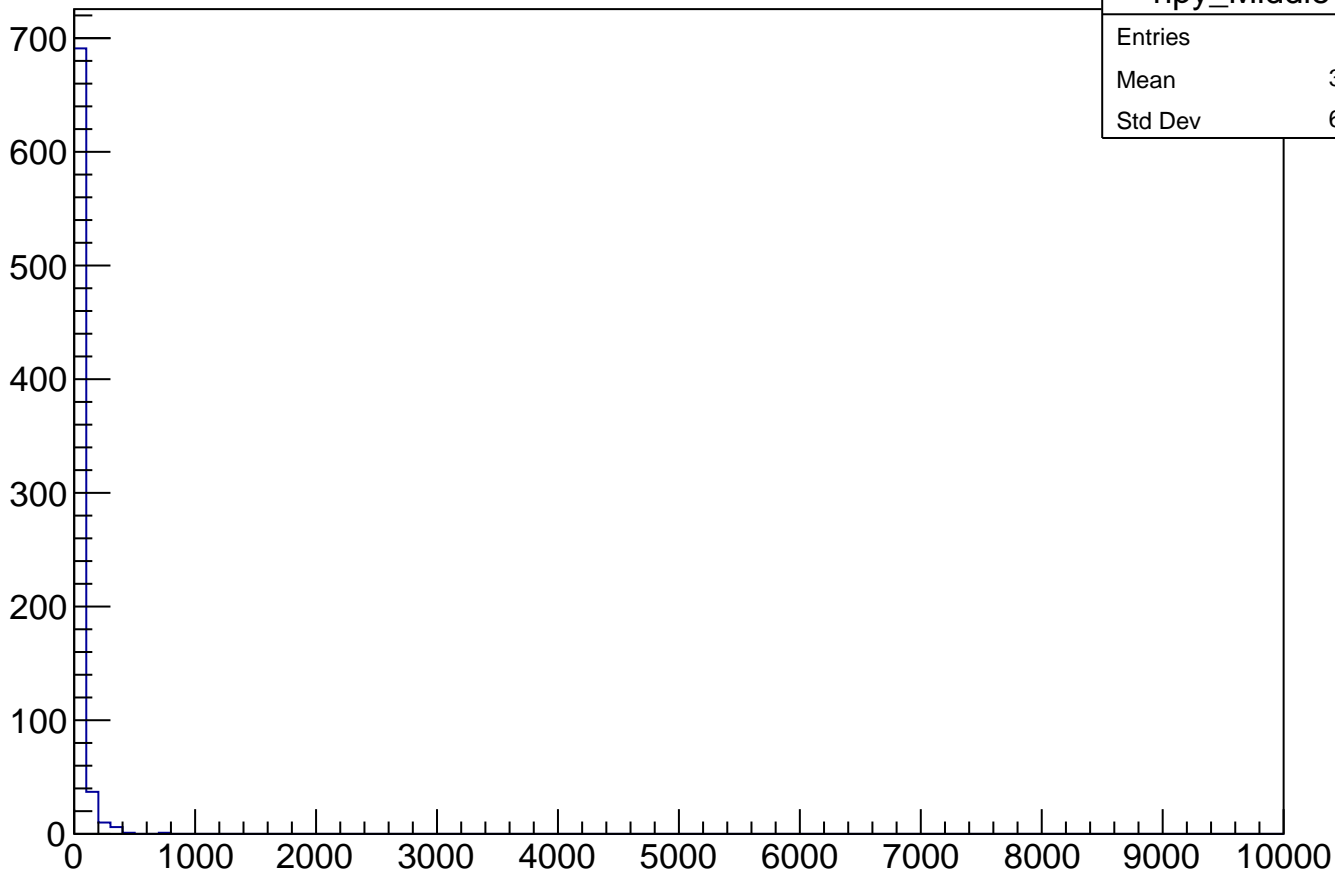


hy_Middle4	
Entries	1580
Mean	-0.5355
Std Dev	32.92

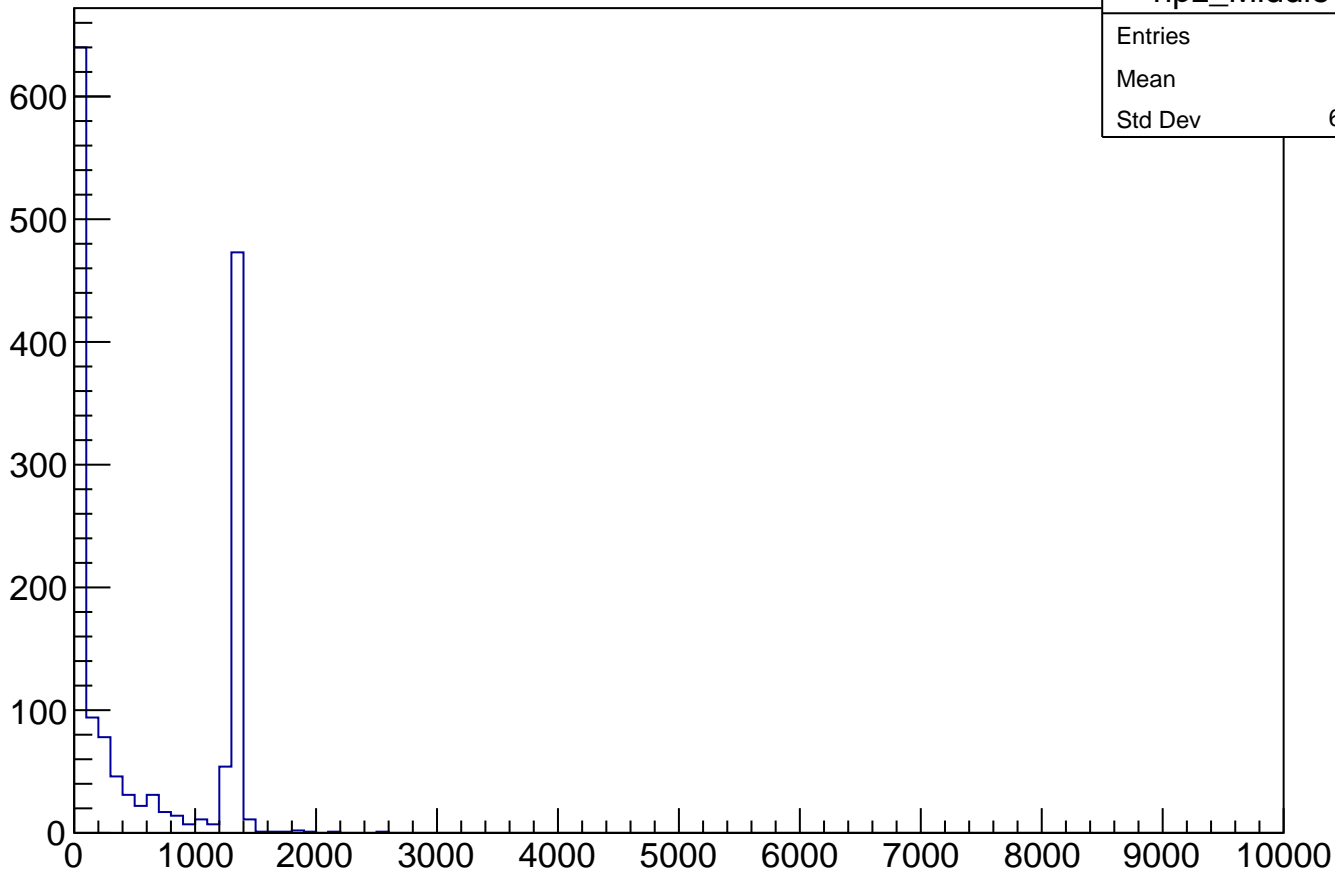
hpx_Middle4



hpy_Middle4

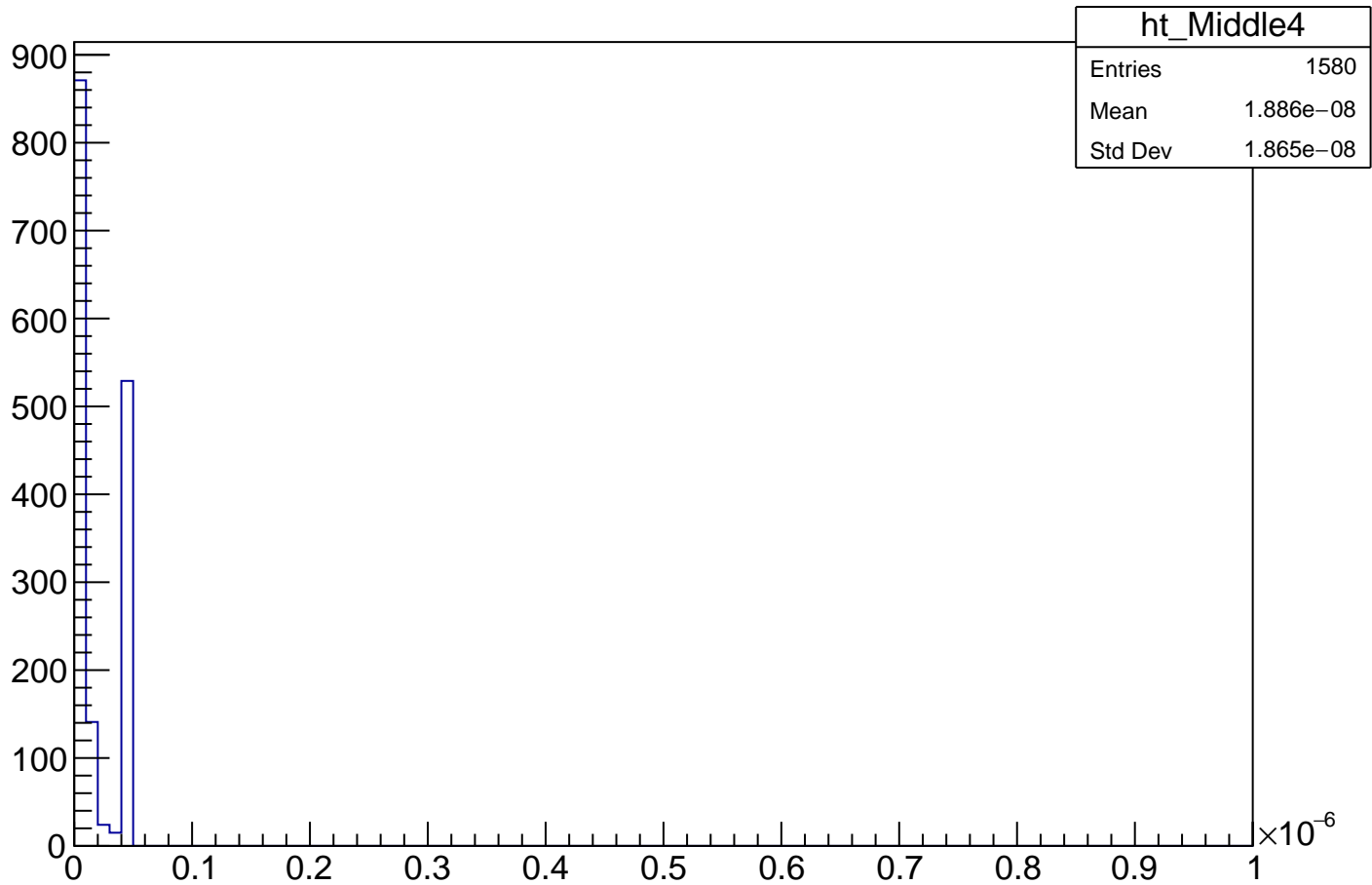


hpz_Middle4

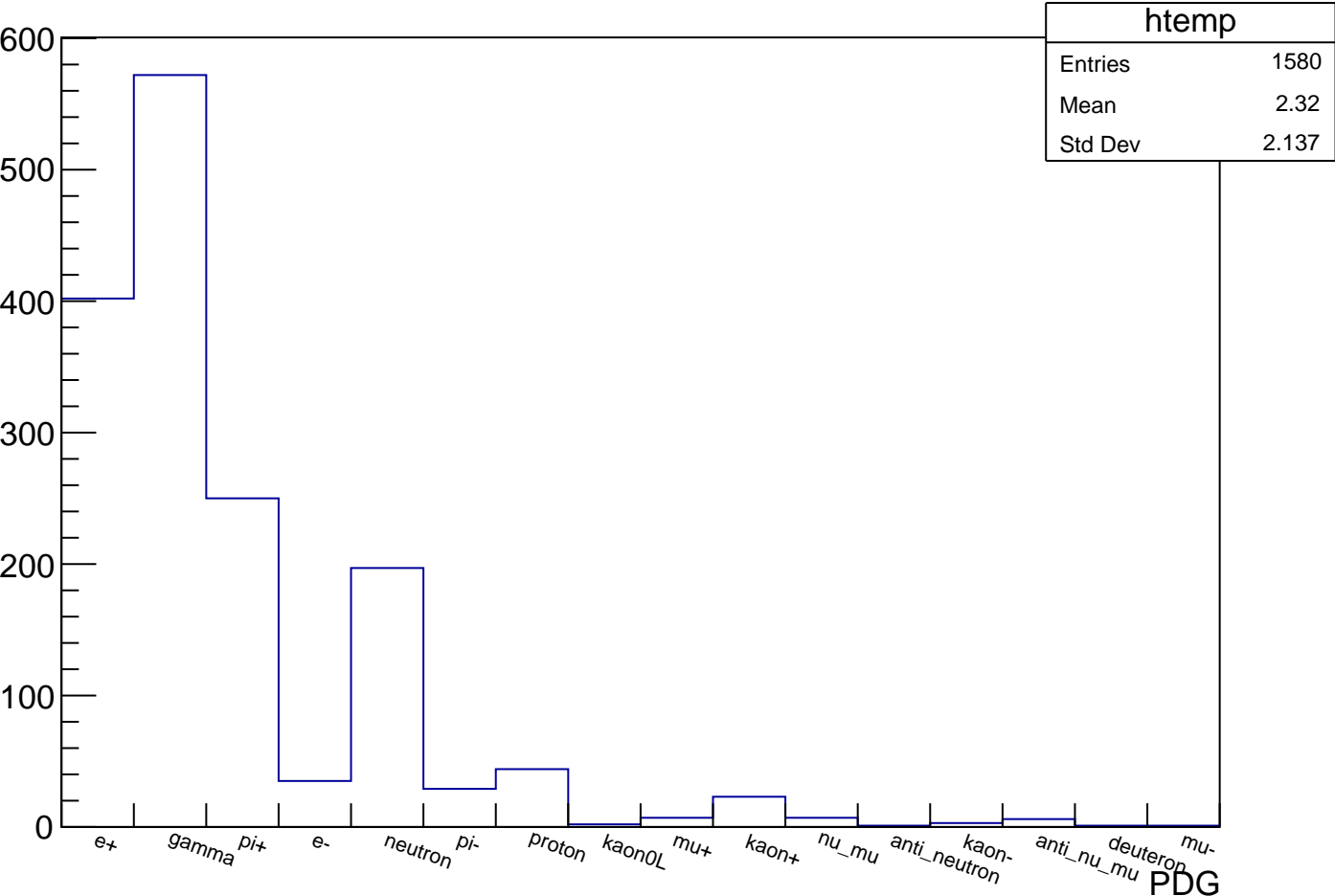


hpz_Middle4	
Entries	1580
Mean	578
Std Dev	601.6

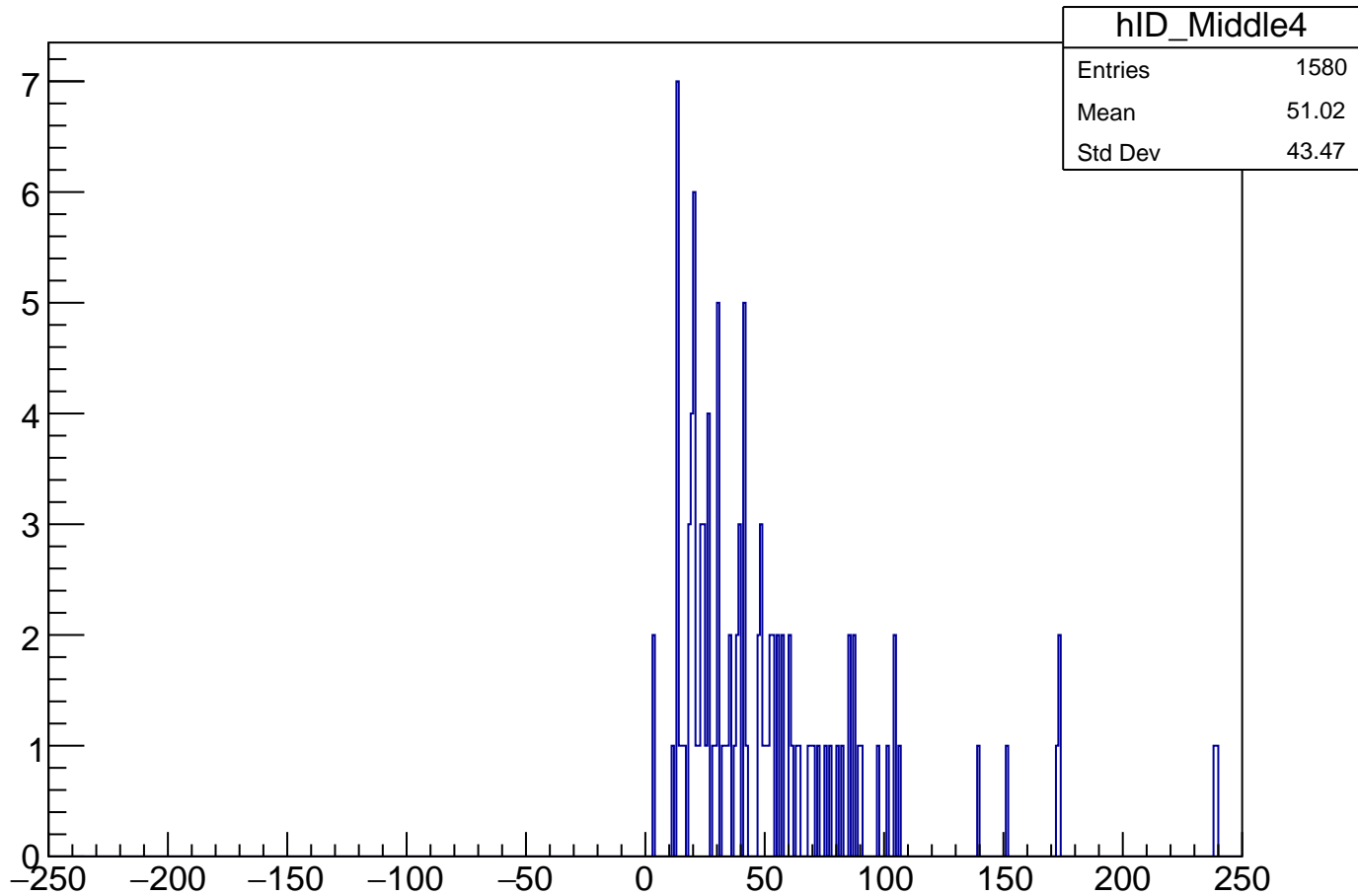
ht_Middle4



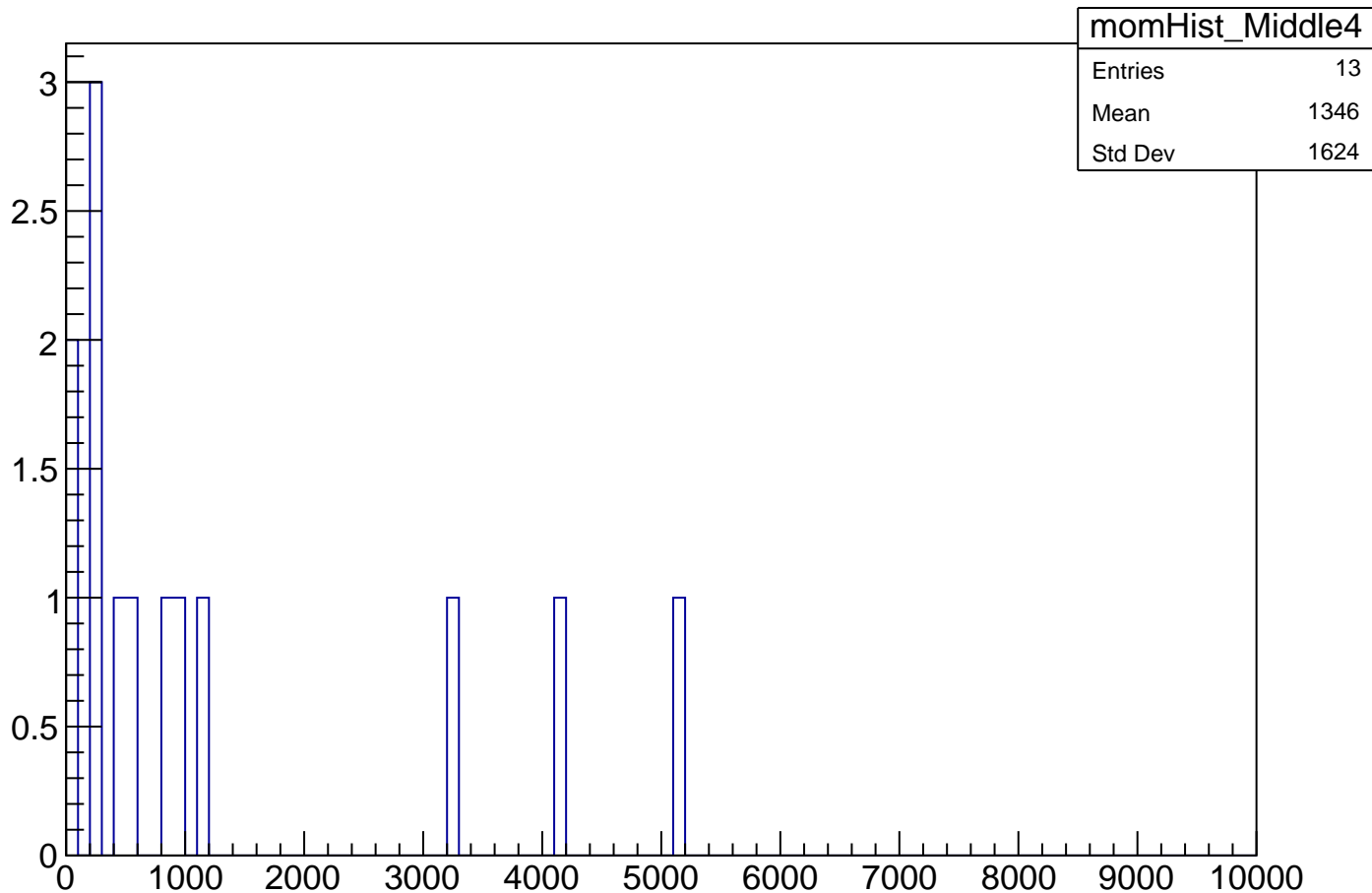
PDG



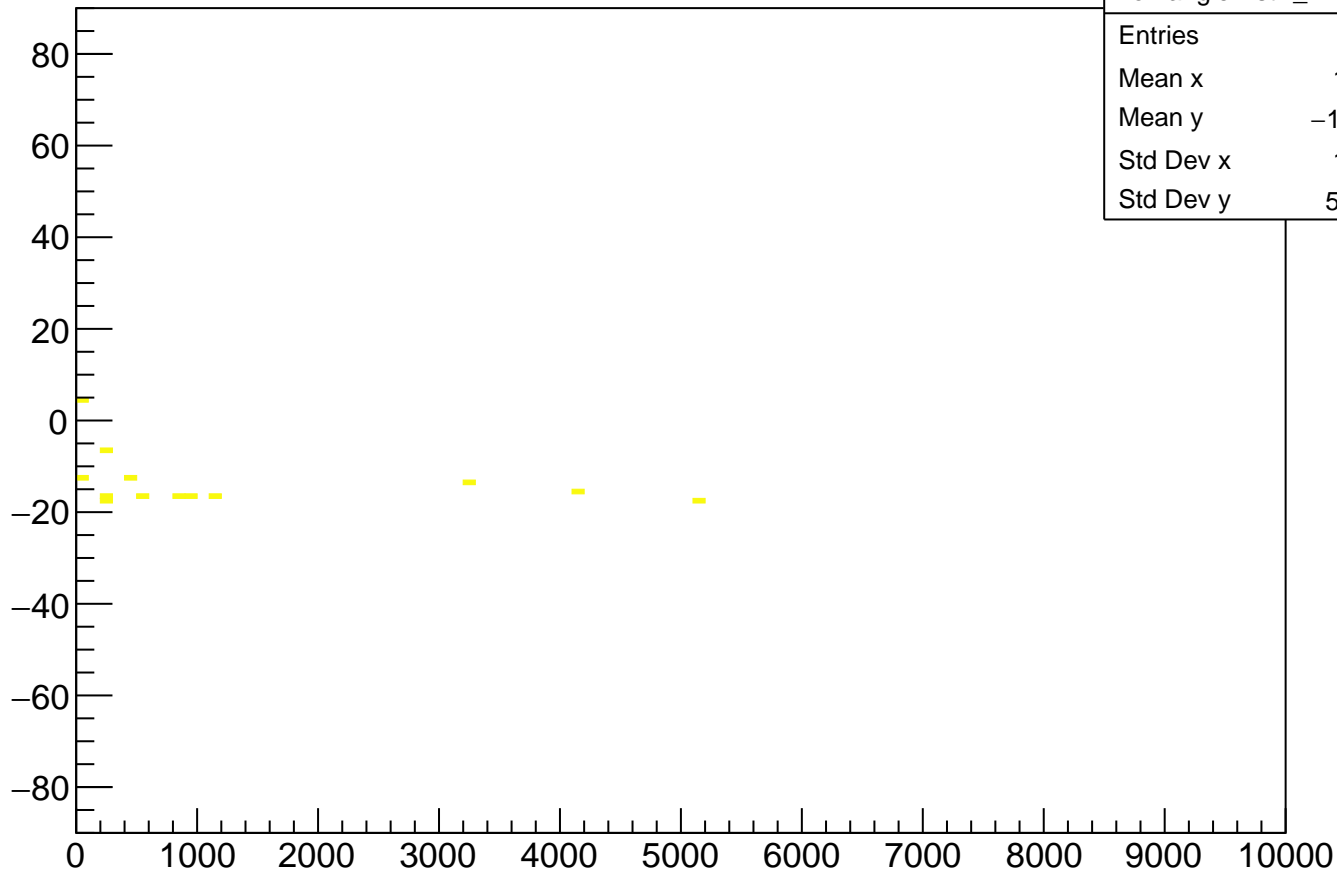
hID_Middle4



momHist_Middle4

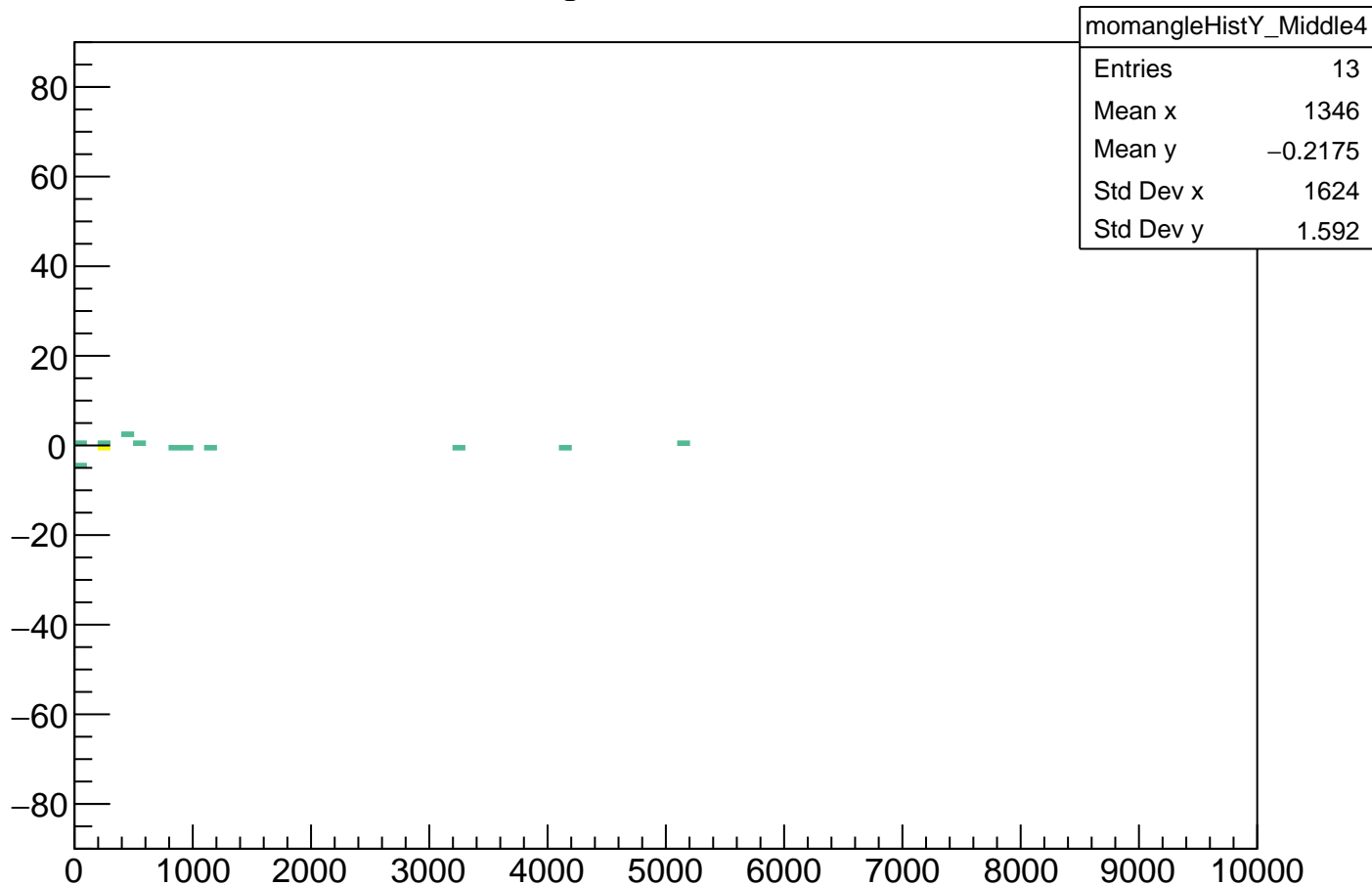


momangleHistX_Middle4

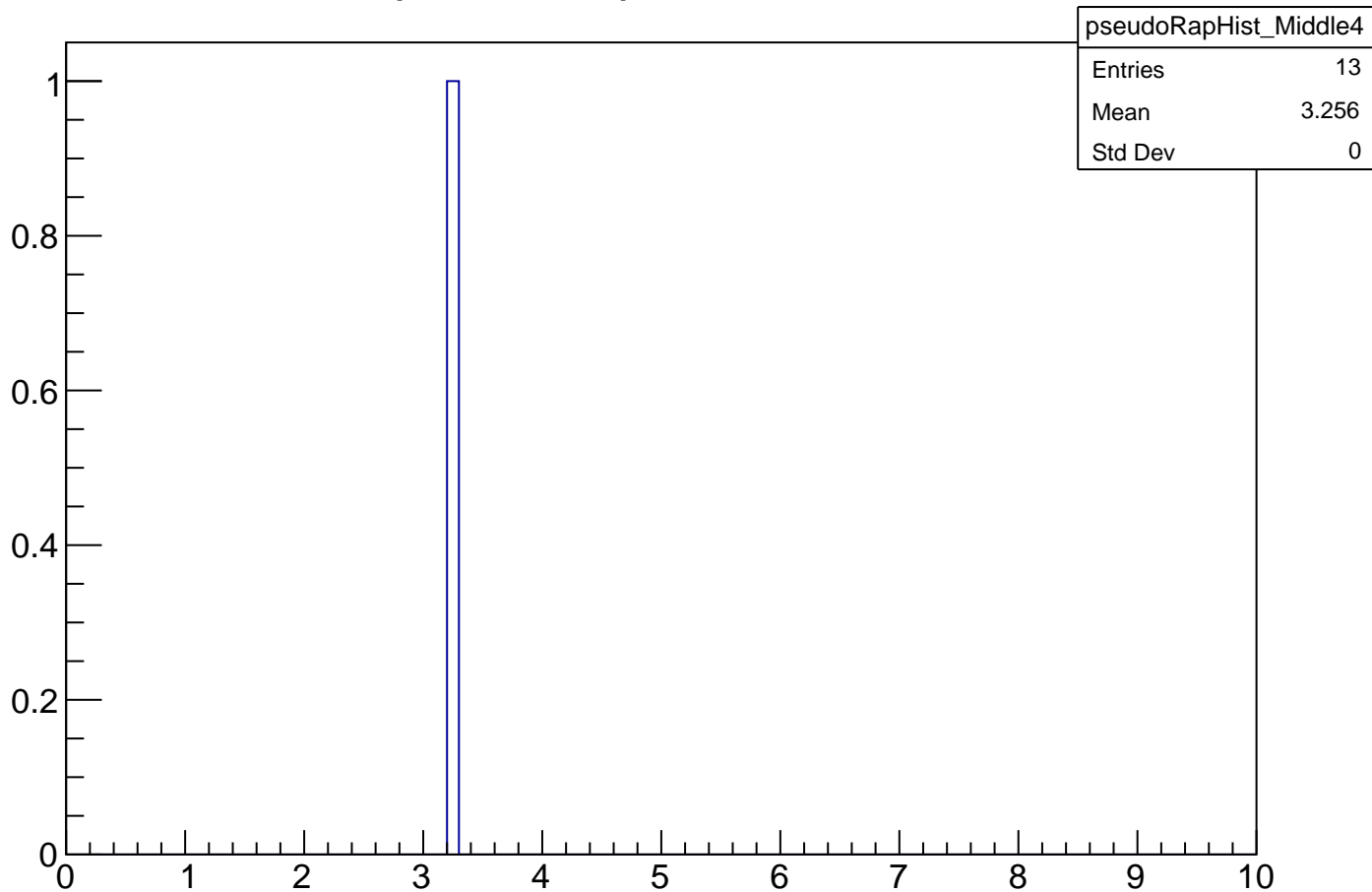


momangleHistX_Middle4	
Entries	13
Mean x	1346
Mean y	-13.22
Std Dev x	1624
Std Dev y	5.887

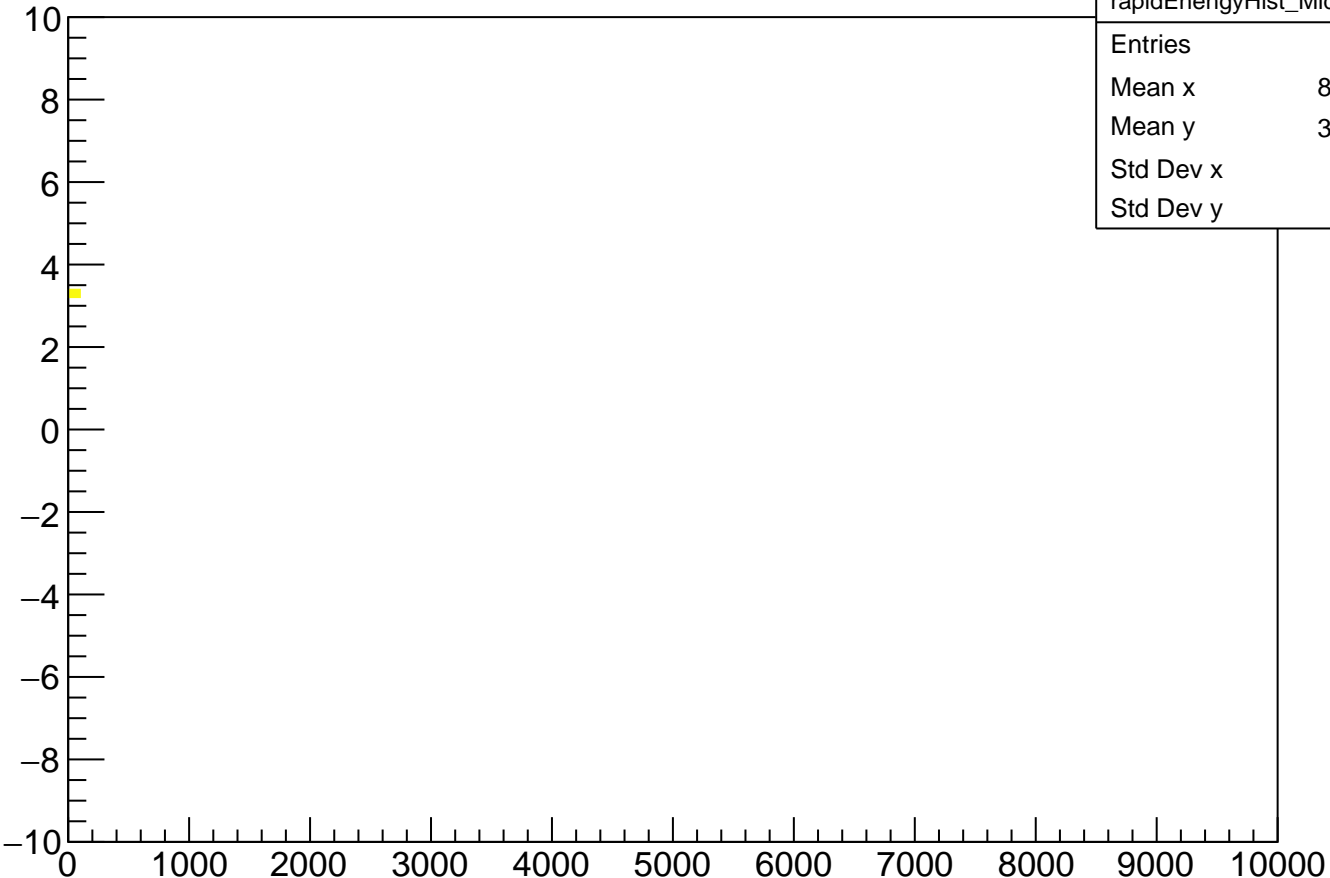
momangleHistY_Middle4



pseudoRapHist_Middle4

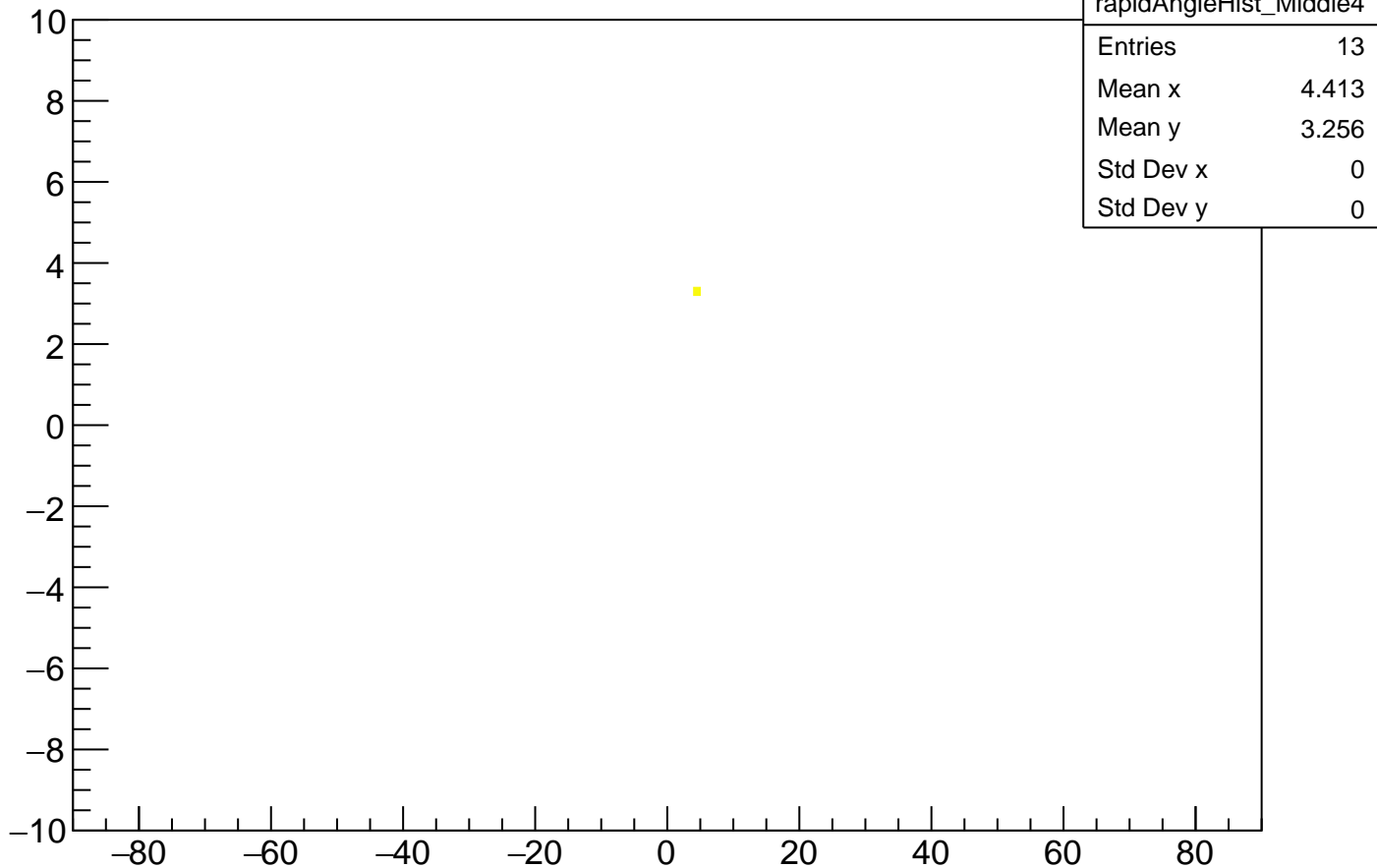


rapidEnergyHist_Middle4

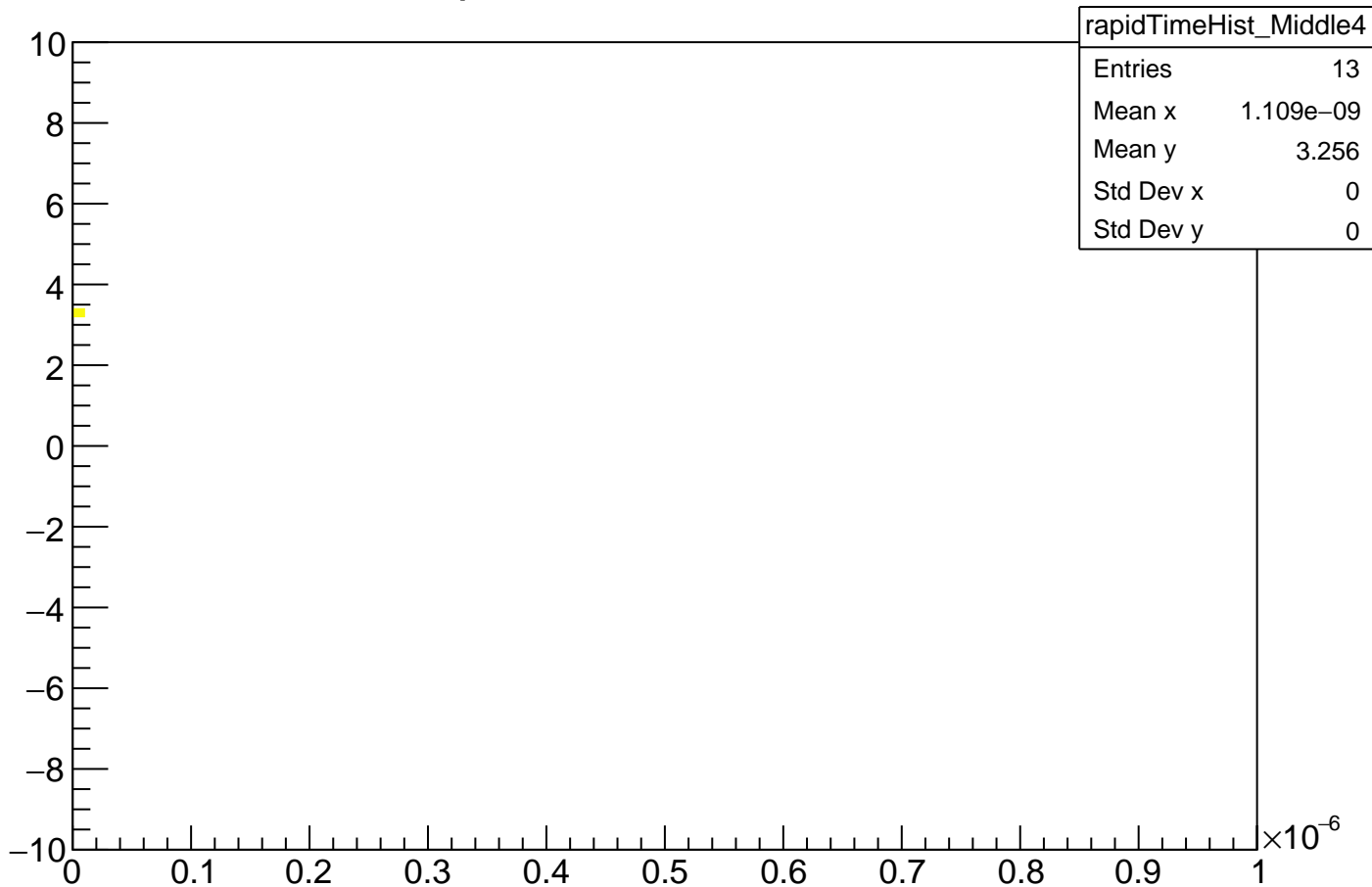


rapidEnergyHist_Middle4	
Entries	13
Mean x	81.02
Mean y	3.256
Std Dev x	0
Std Dev y	0

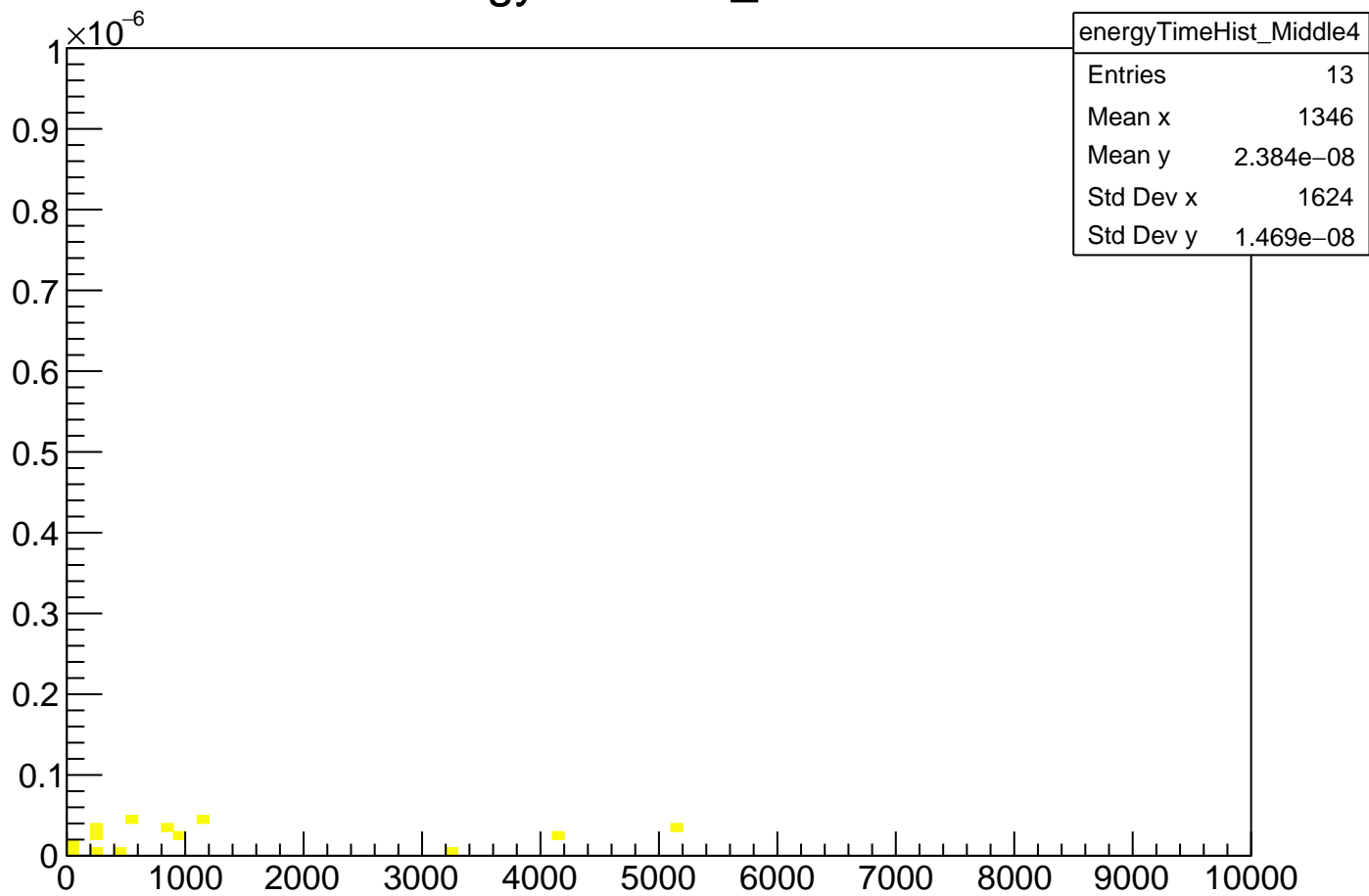
rapidAngleHist_Middle4



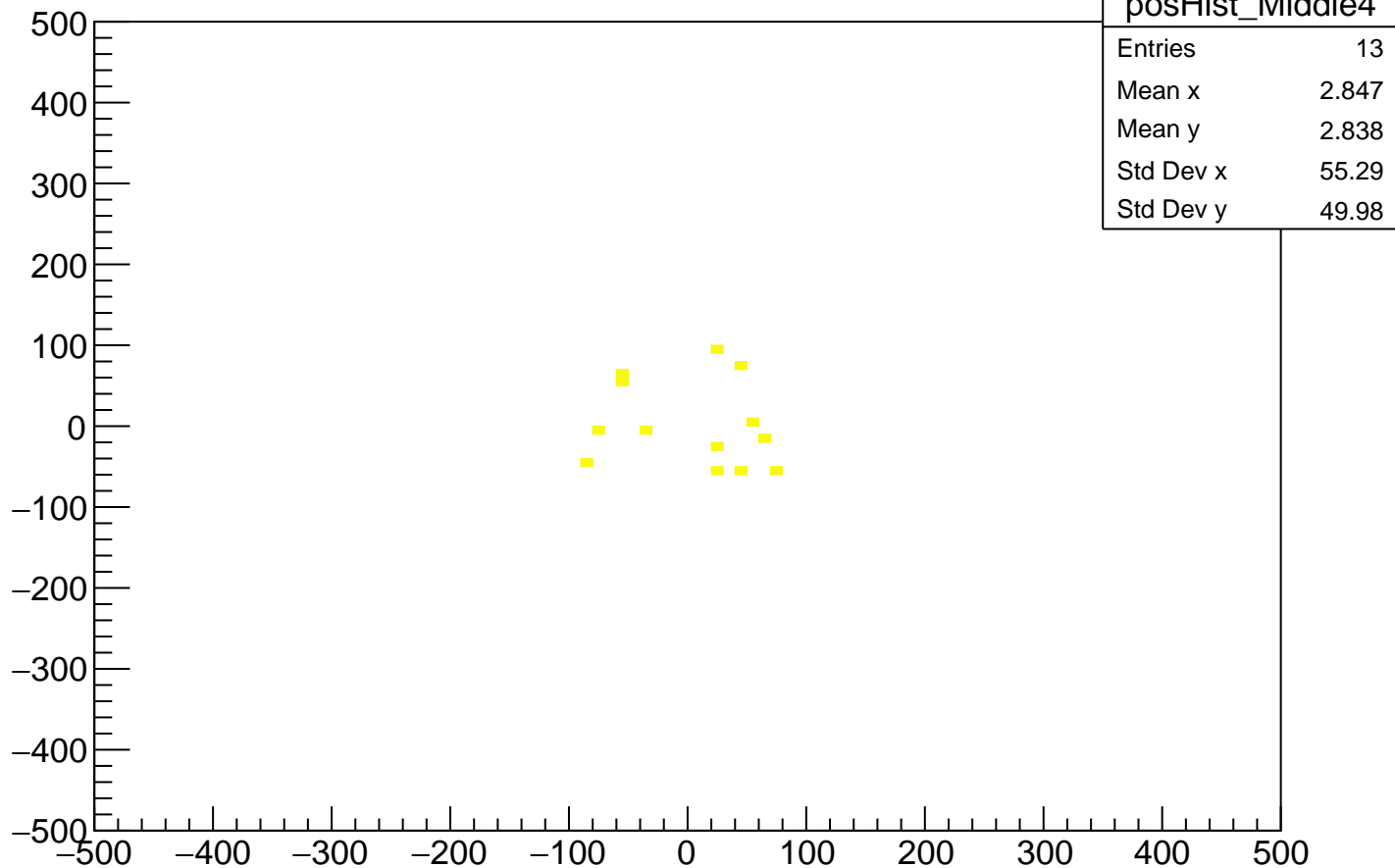
rapidTimeHist_Middle4



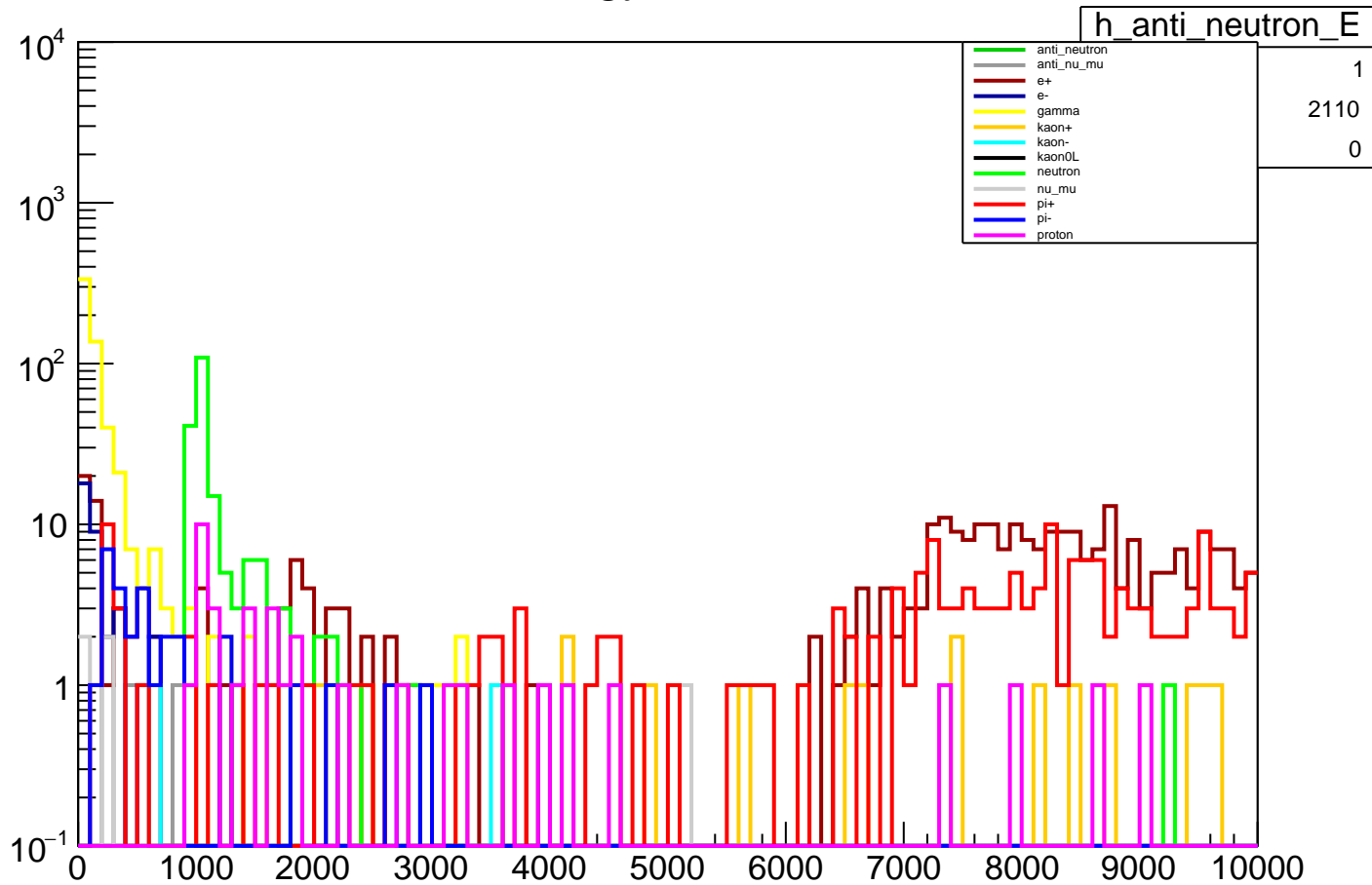
energyTimeHist_Middle4



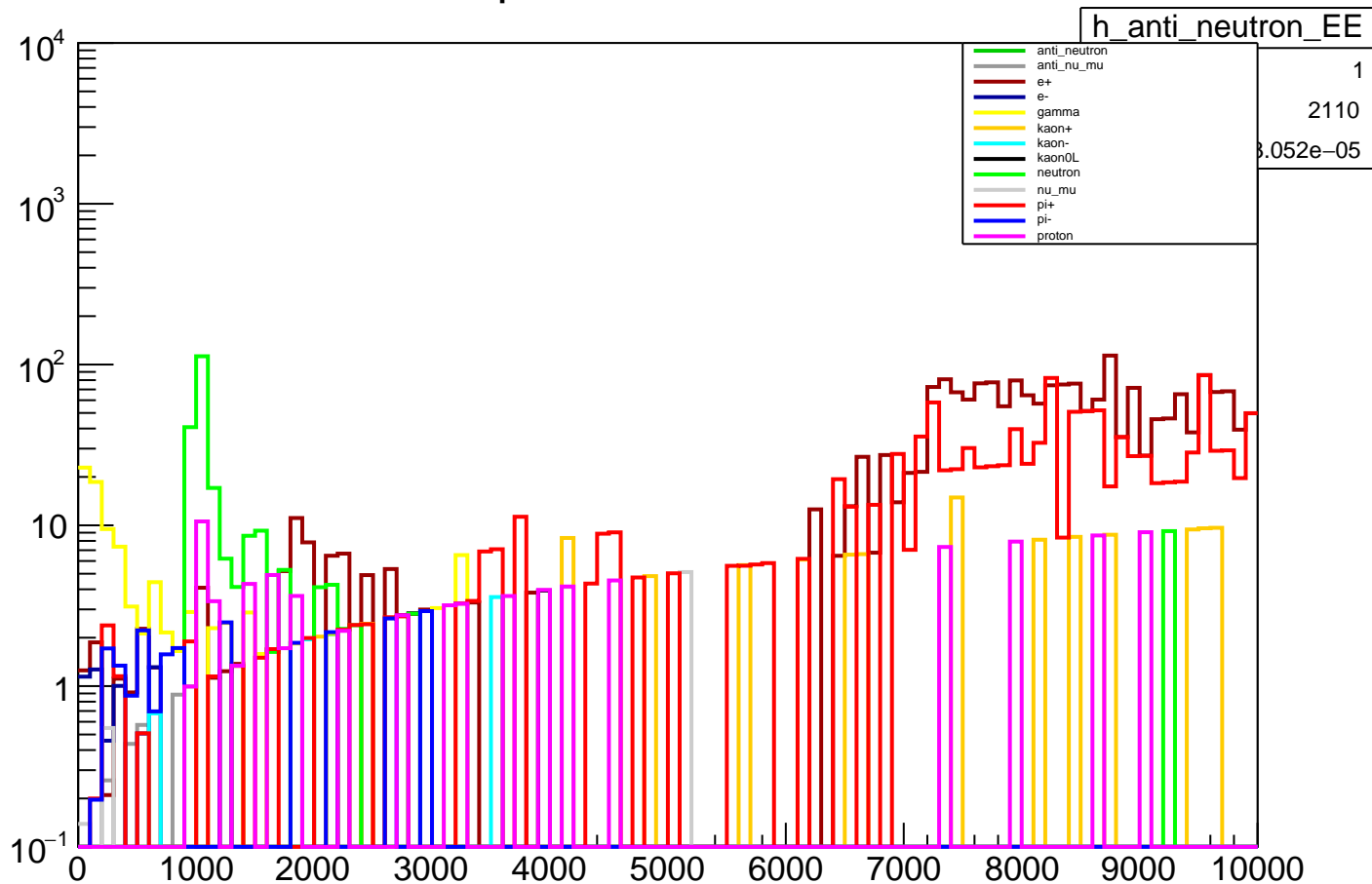
posHist_Middle4



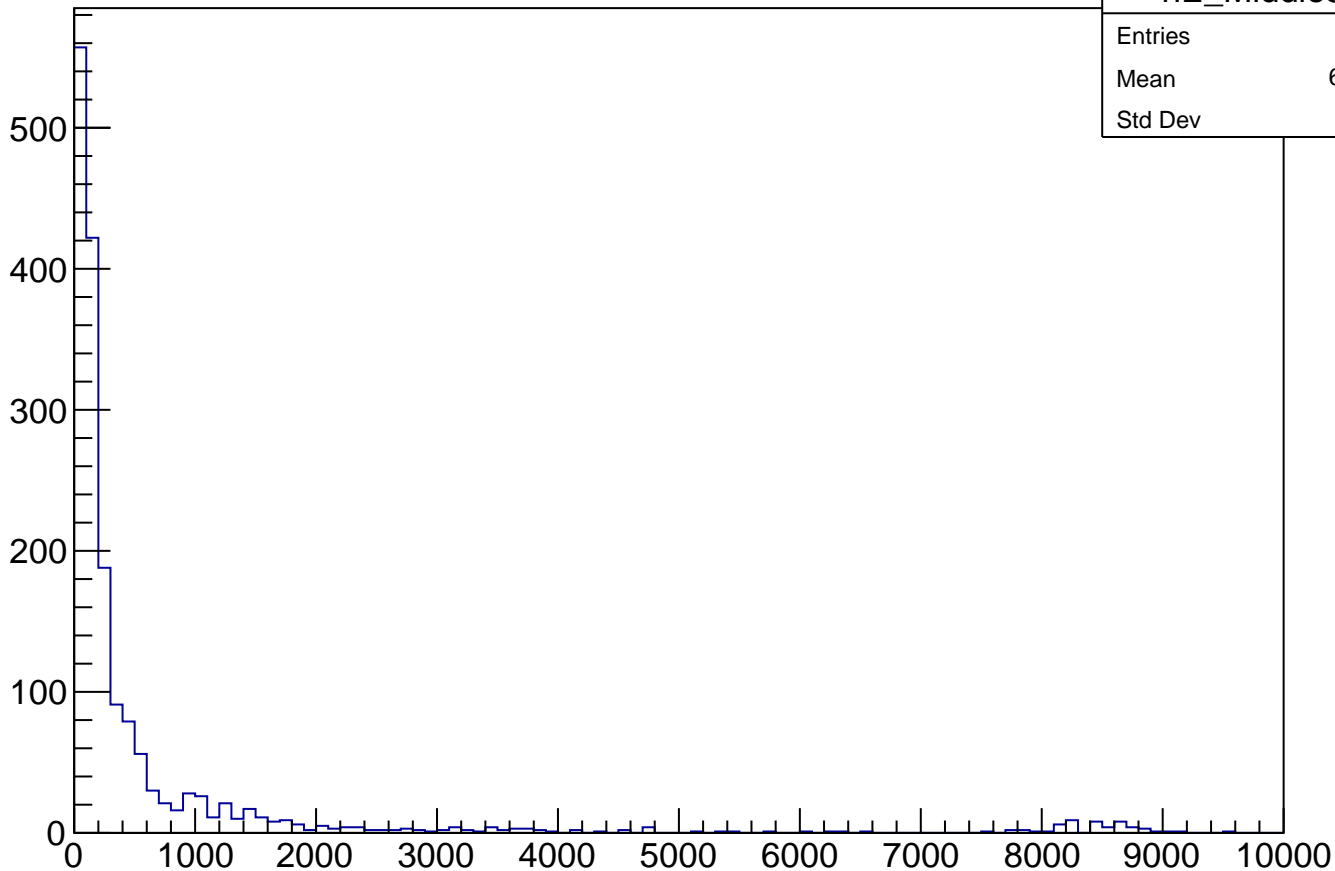
Energy_Middle4



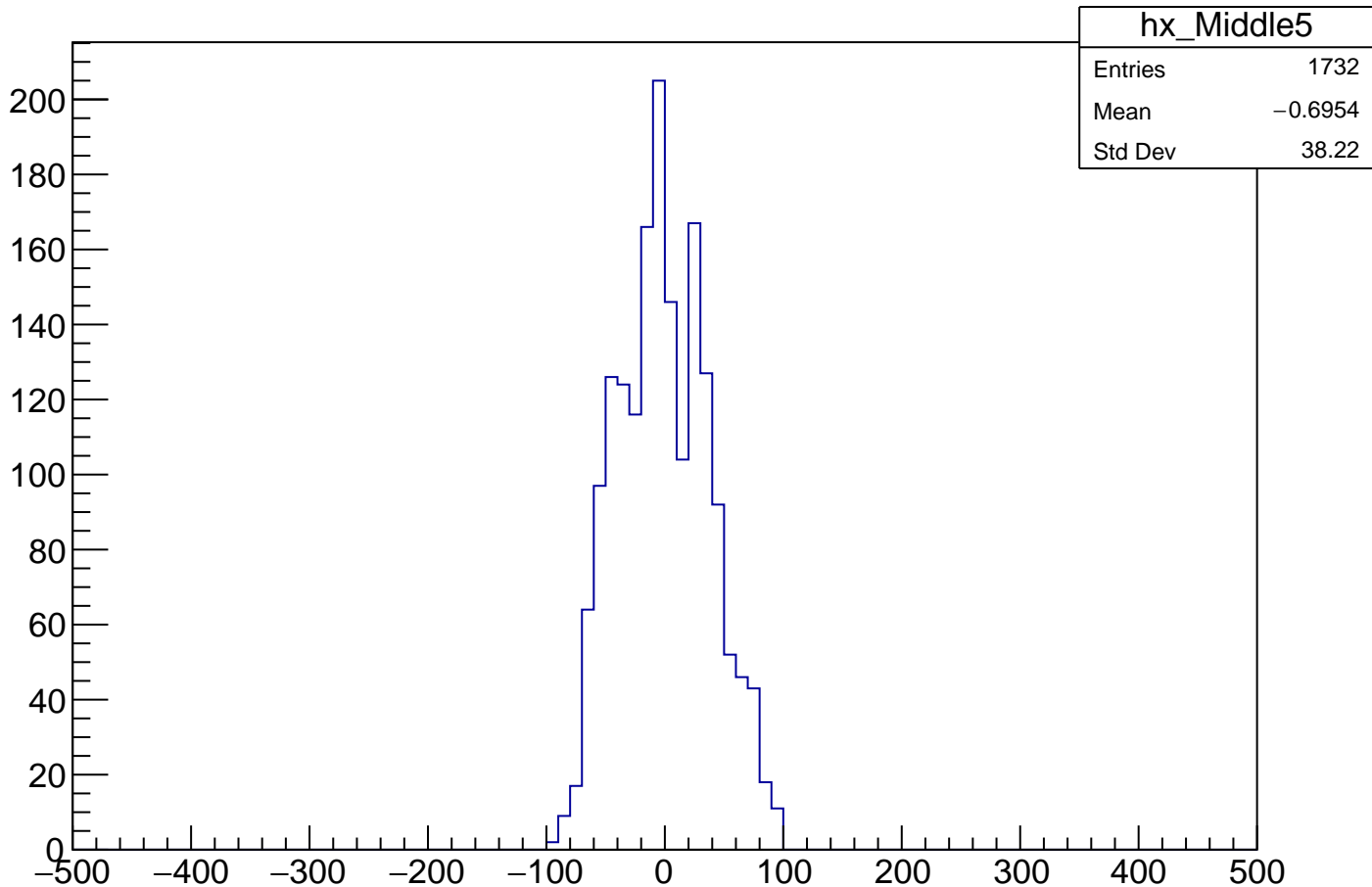
Spectrum_Middle4



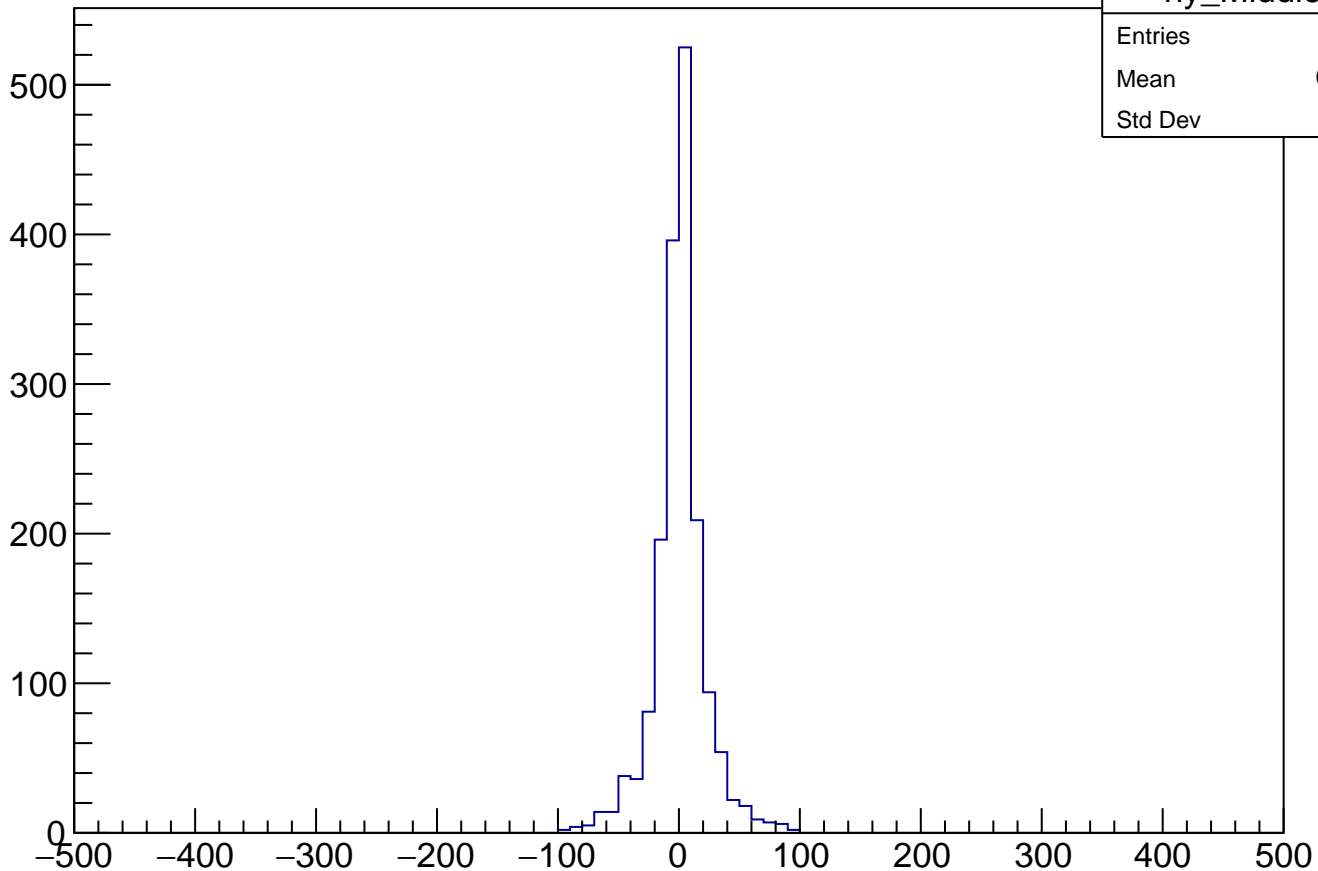
hE_Middle5



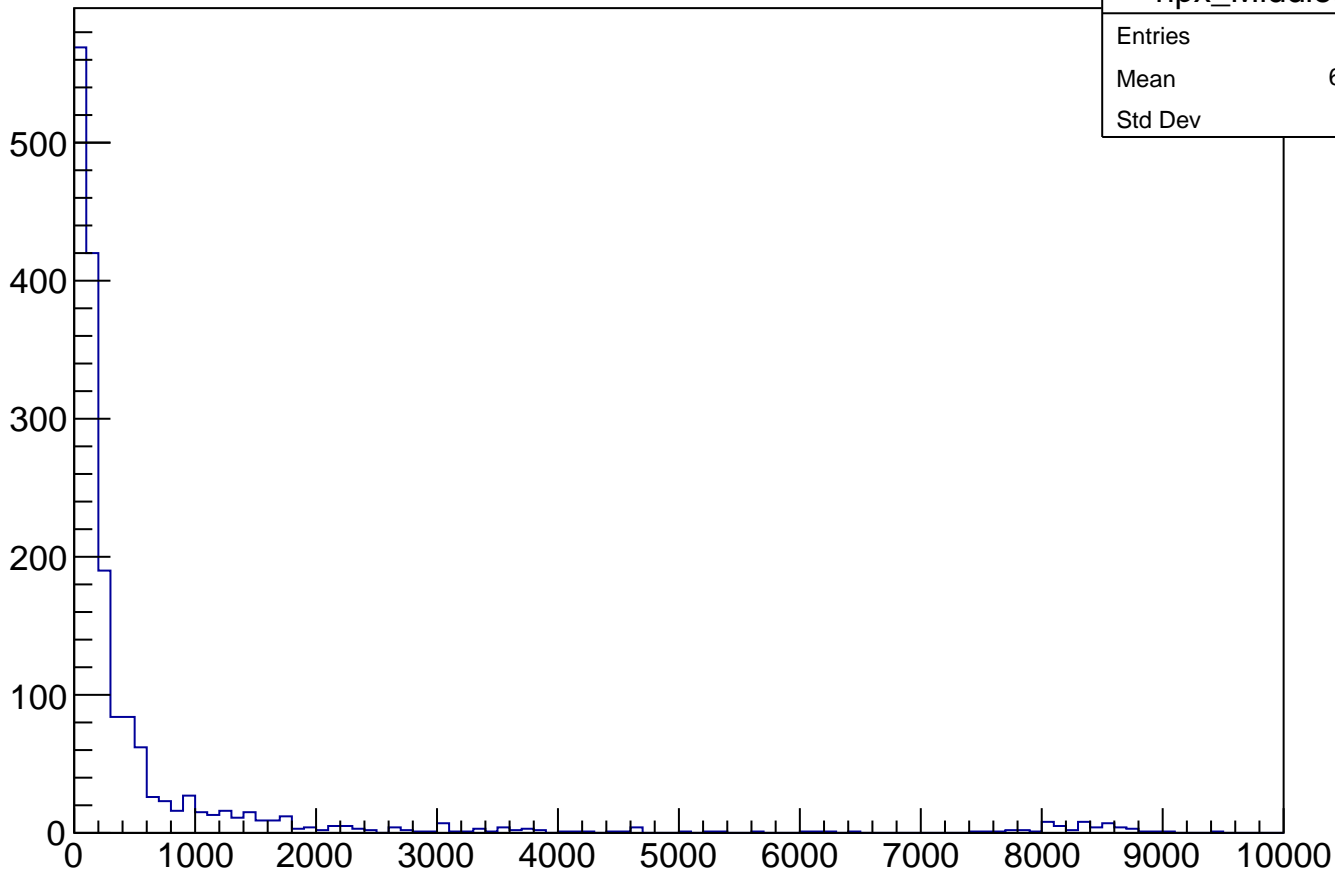
hx_Middle5



hy_Middle5

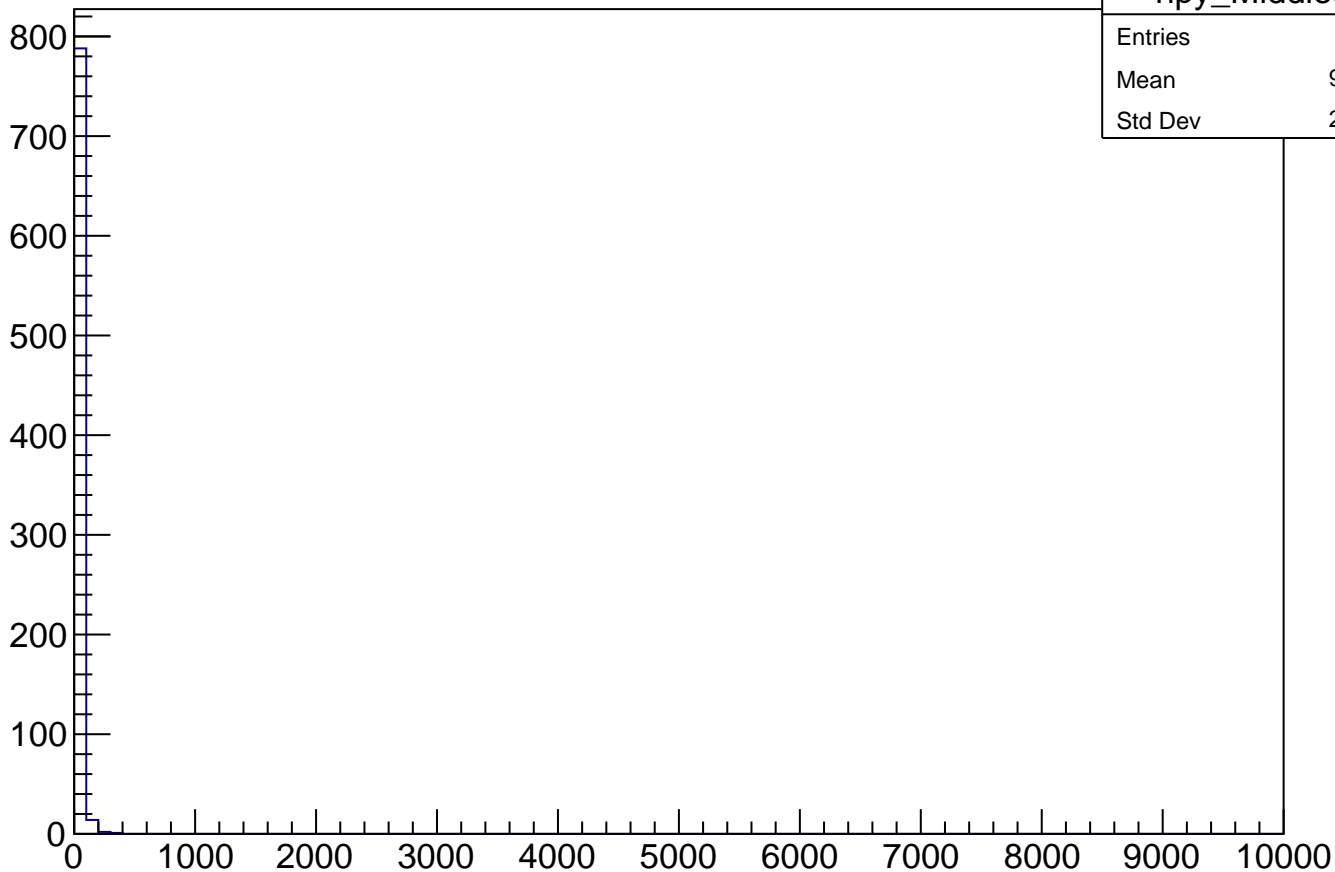


hpx_Middle5

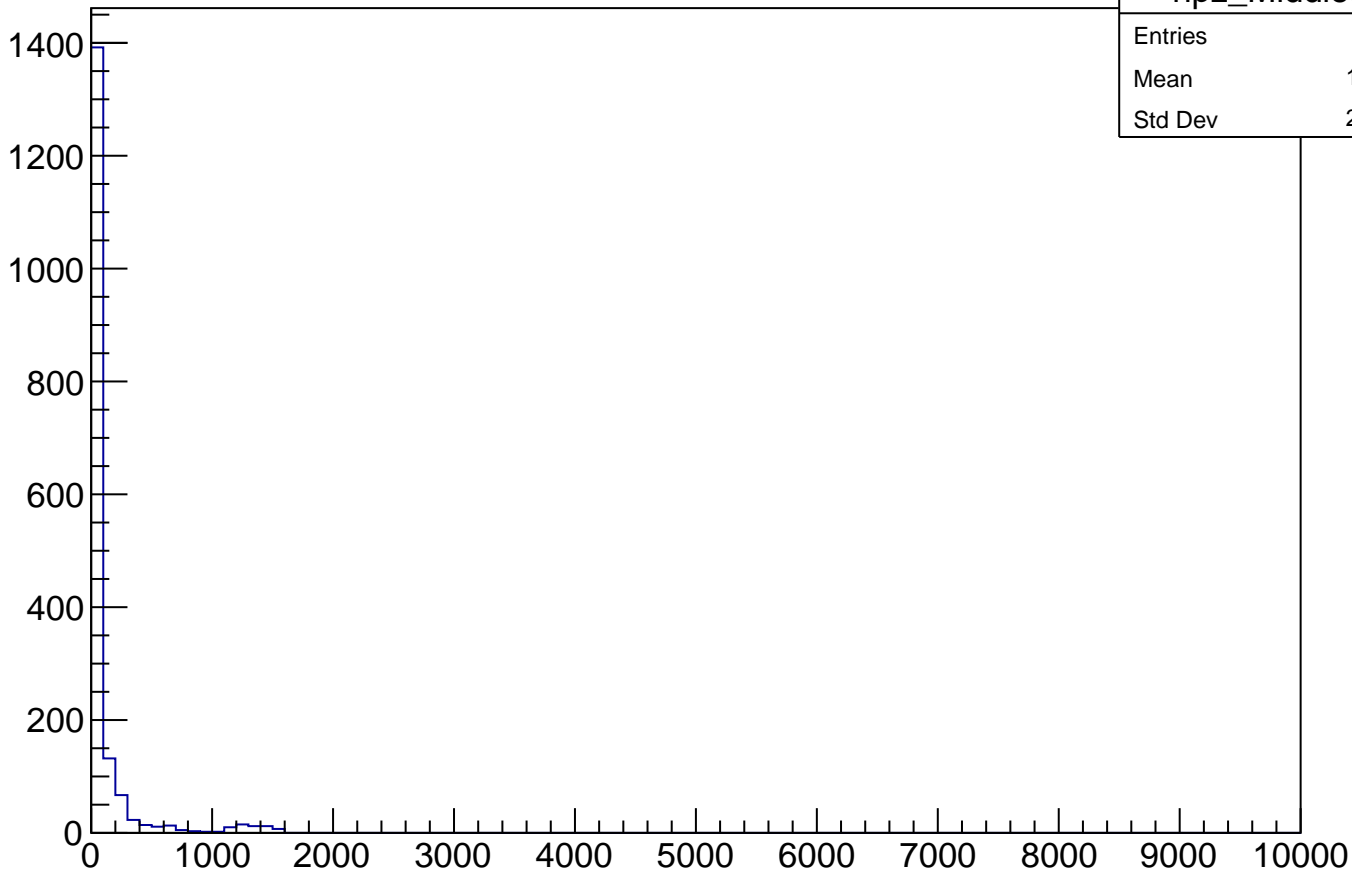


hpx_Middle5	
Entries	1732
Mean	659.2
Std Dev	1549

hpy_Middle5

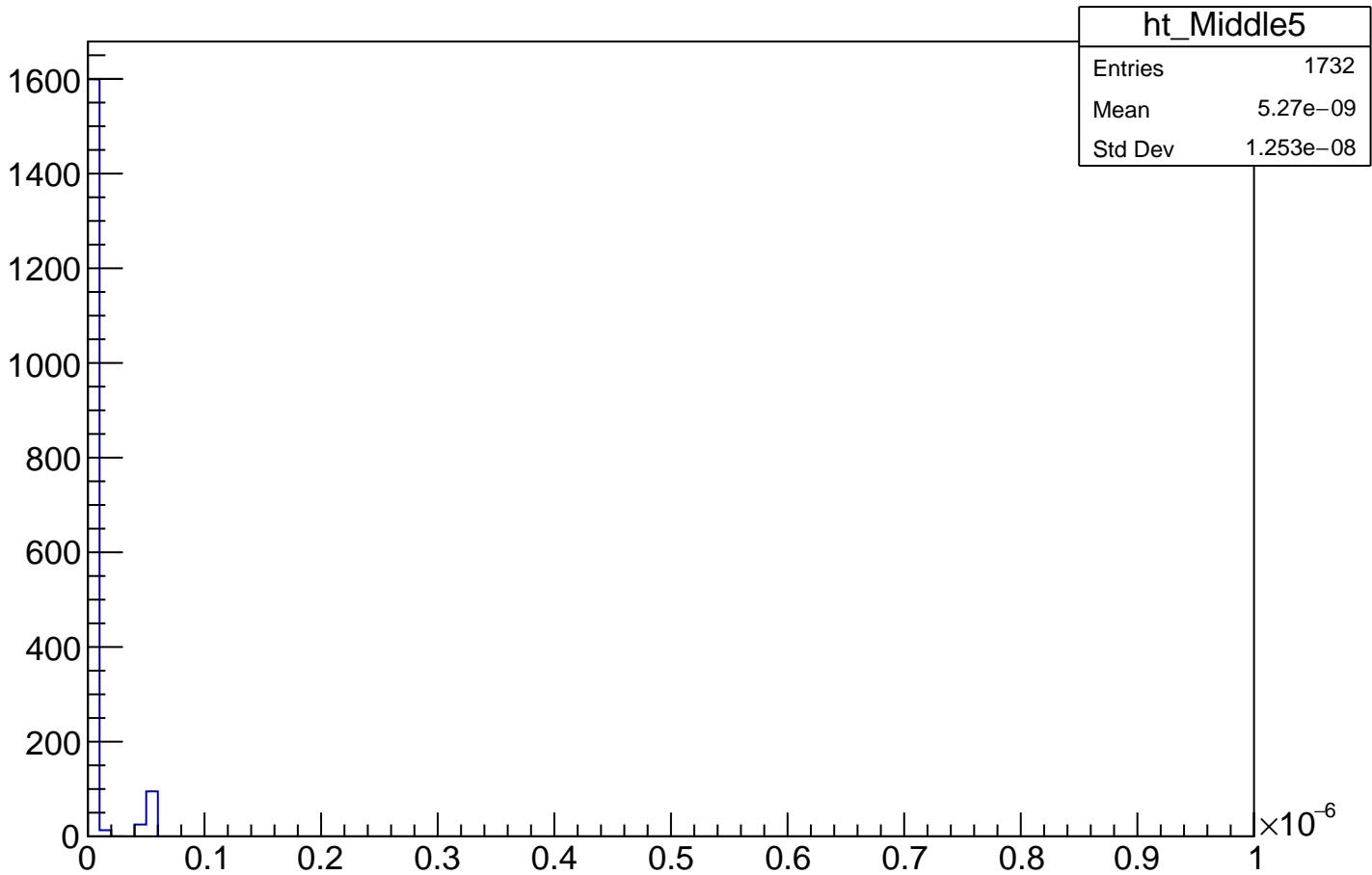


hpz_Middle5

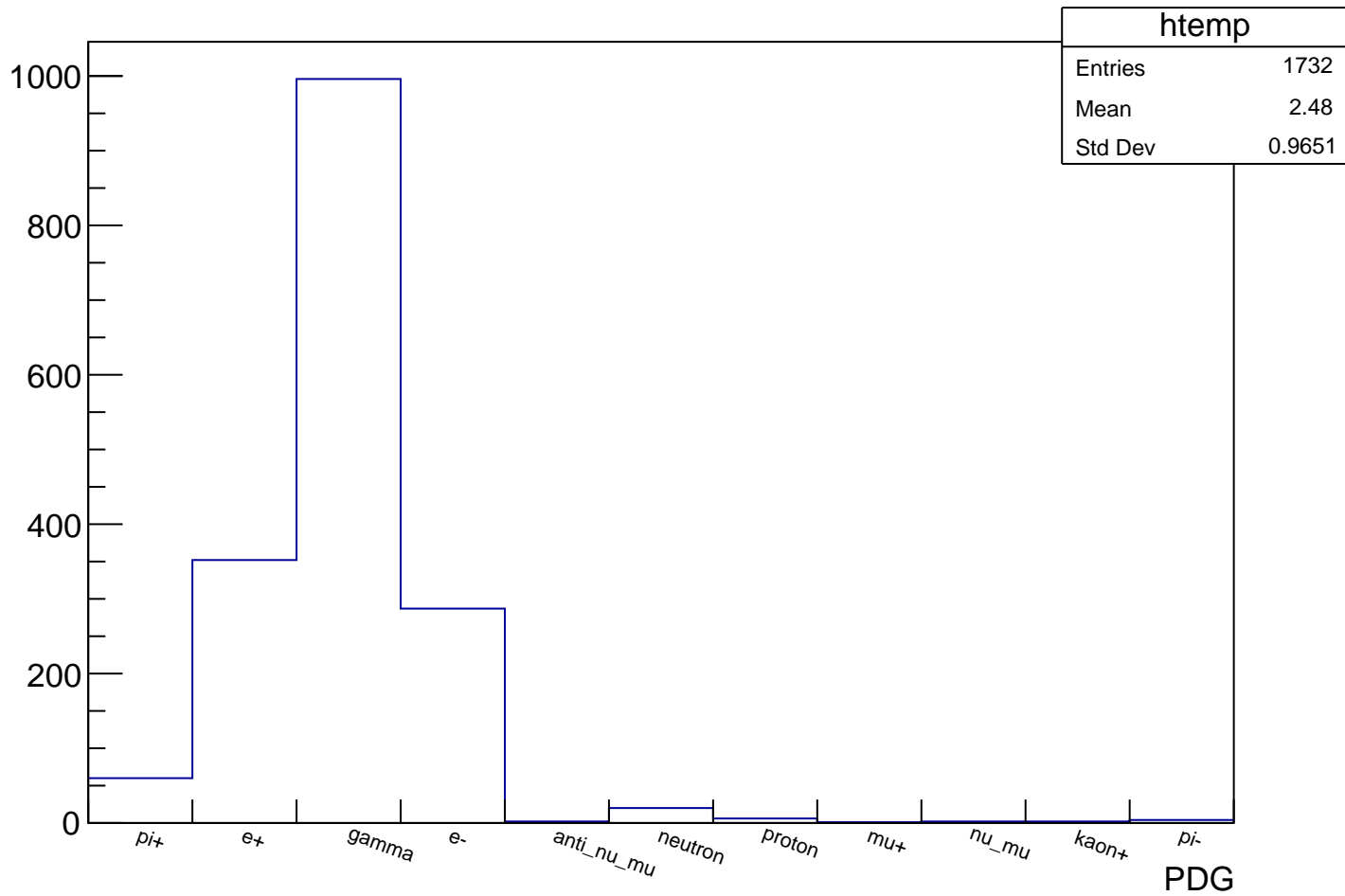


hpz_Middle5	
Entries	1732
Mean	108.7
Std Dev	254.9

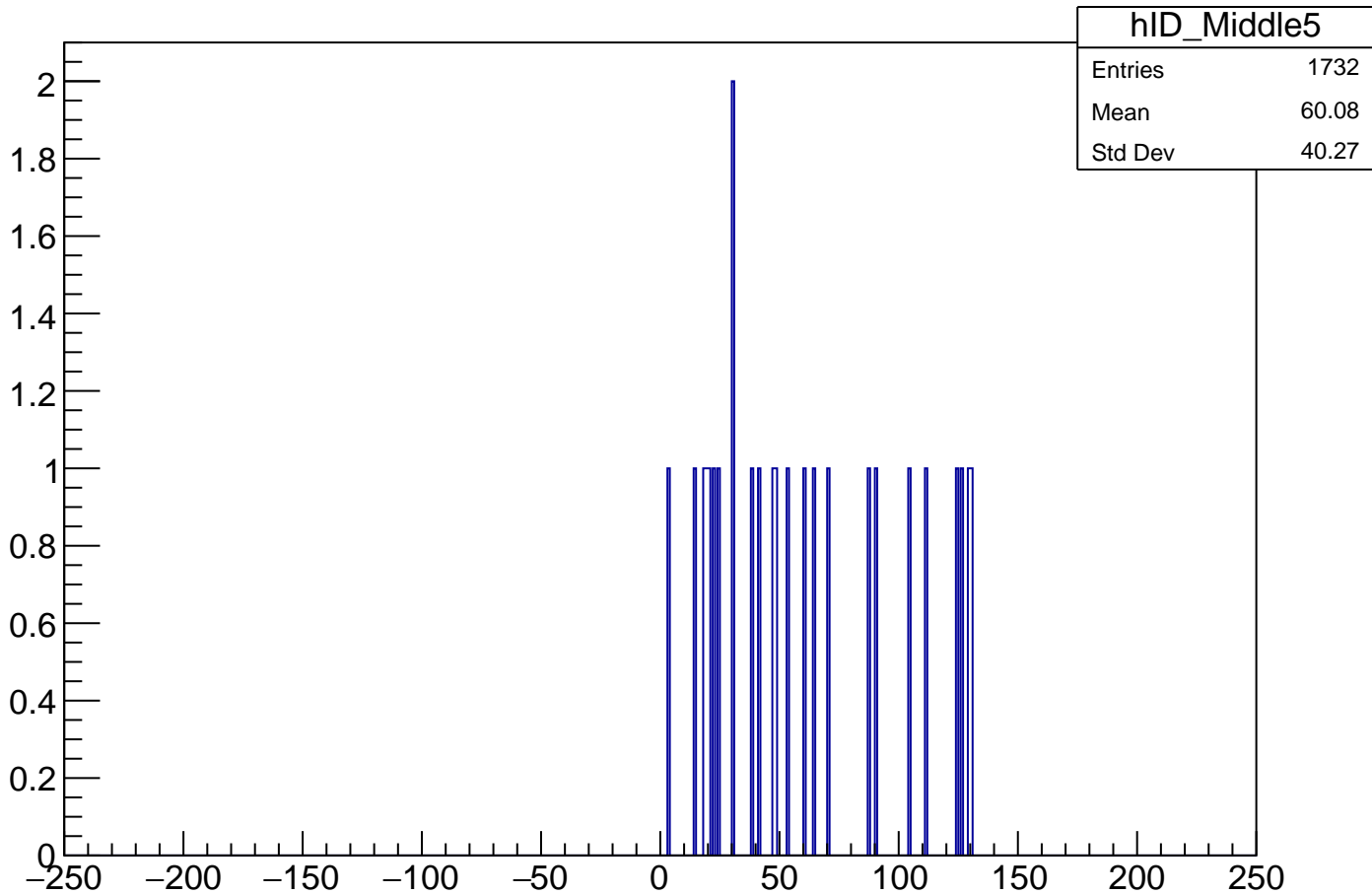
ht_Middle5



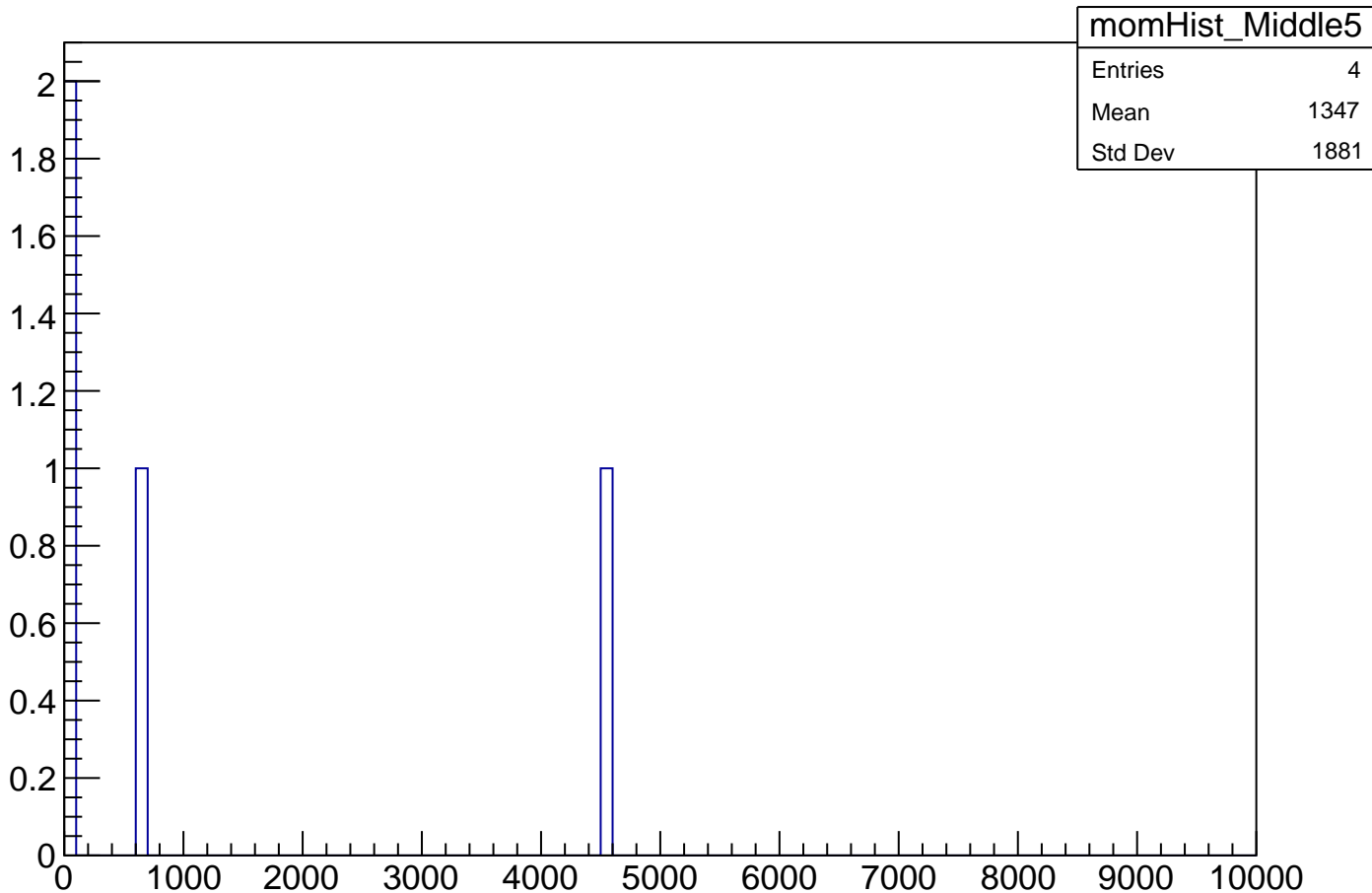
PDG



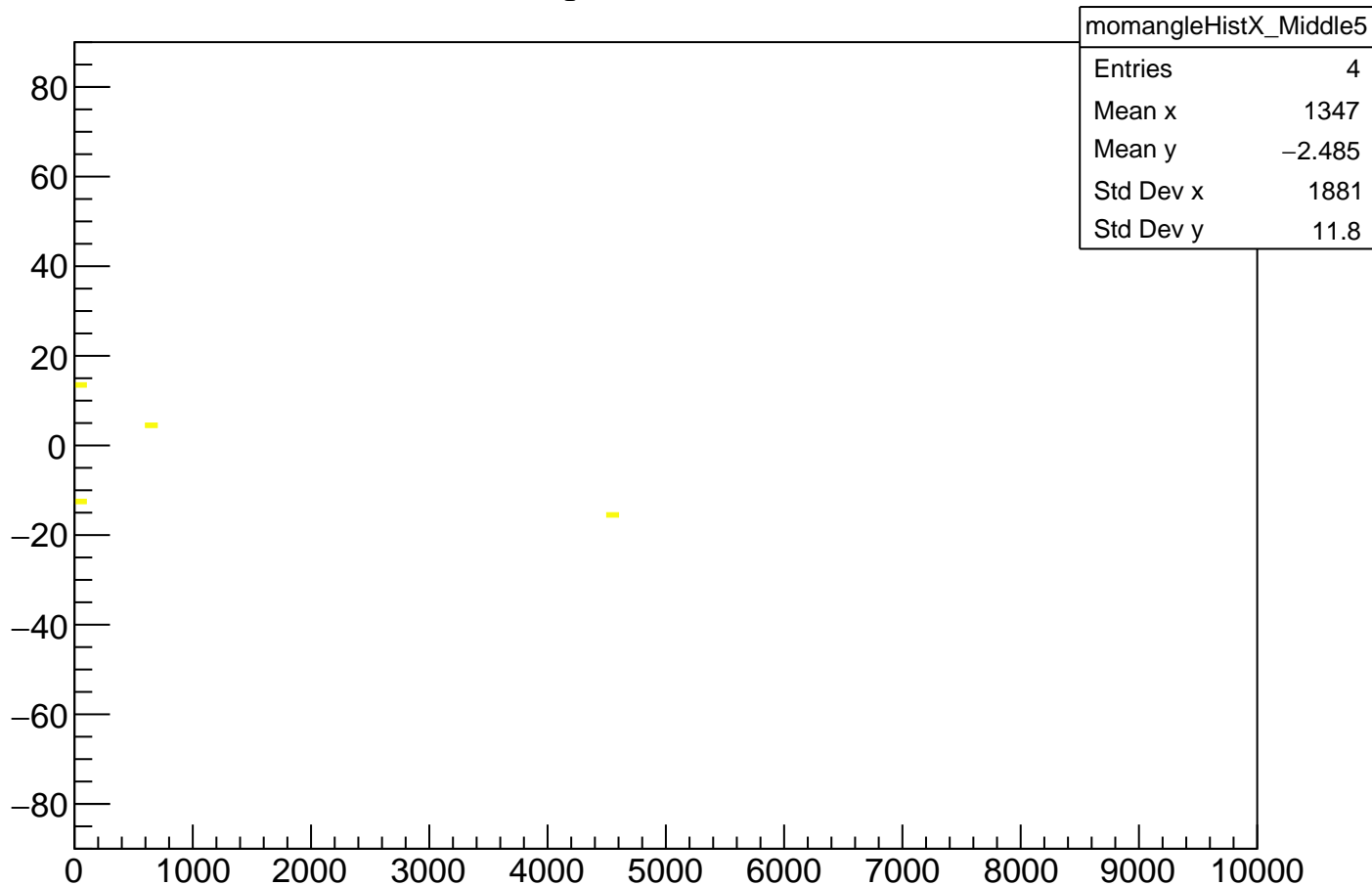
hID_Middle5



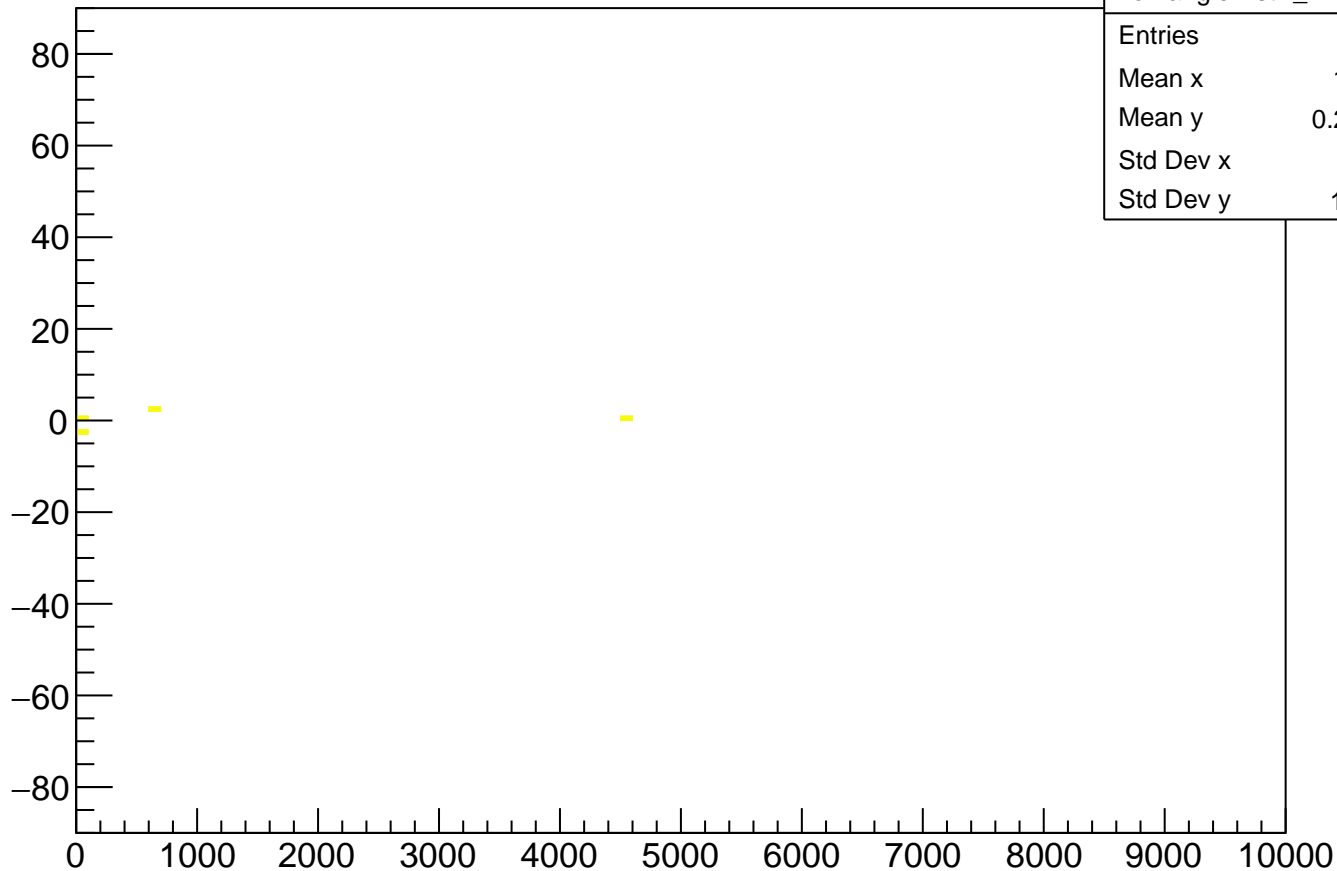
momHist_Middle5



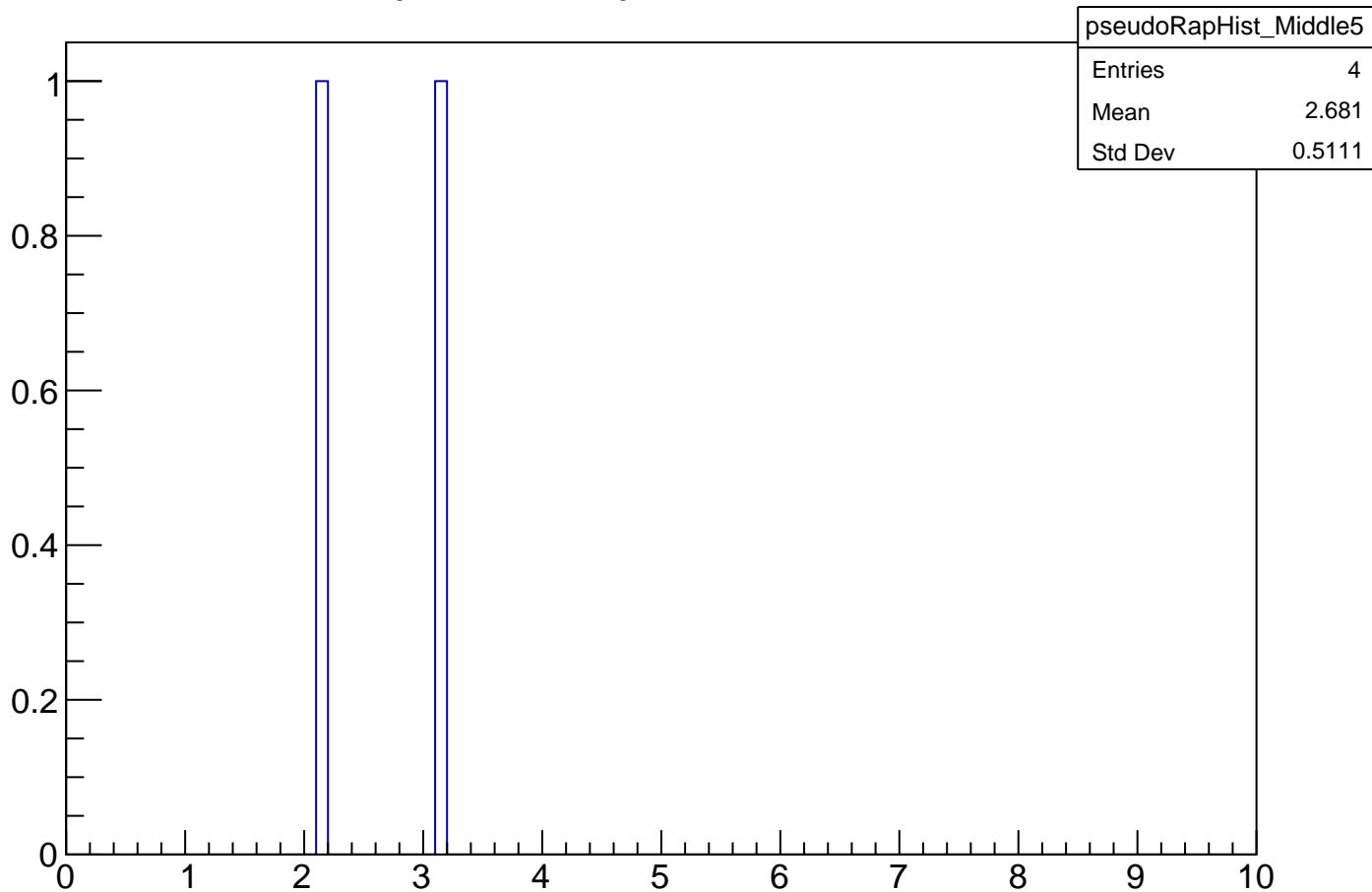
momangleHistX_Middle5



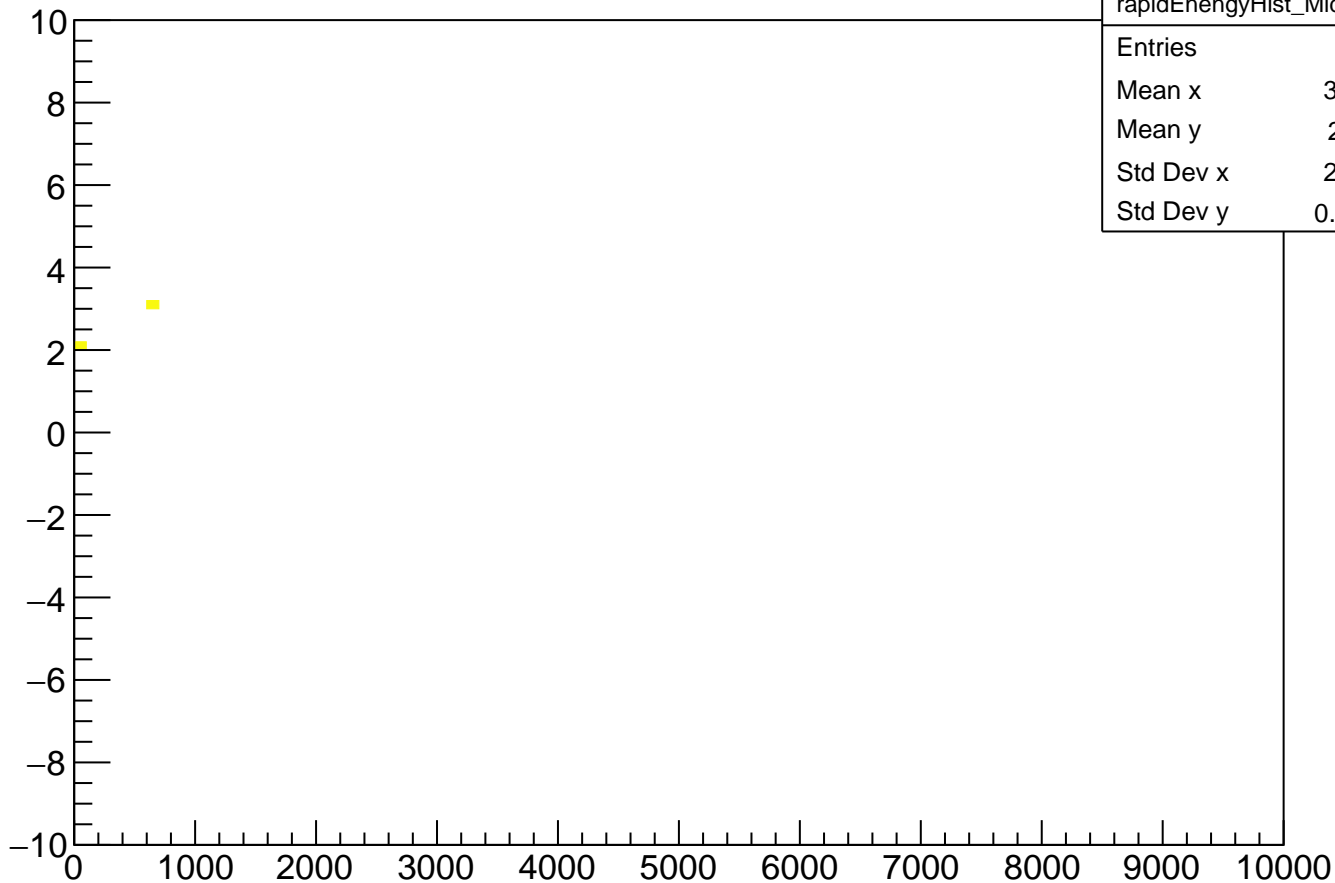
momangleHistY_Middle5



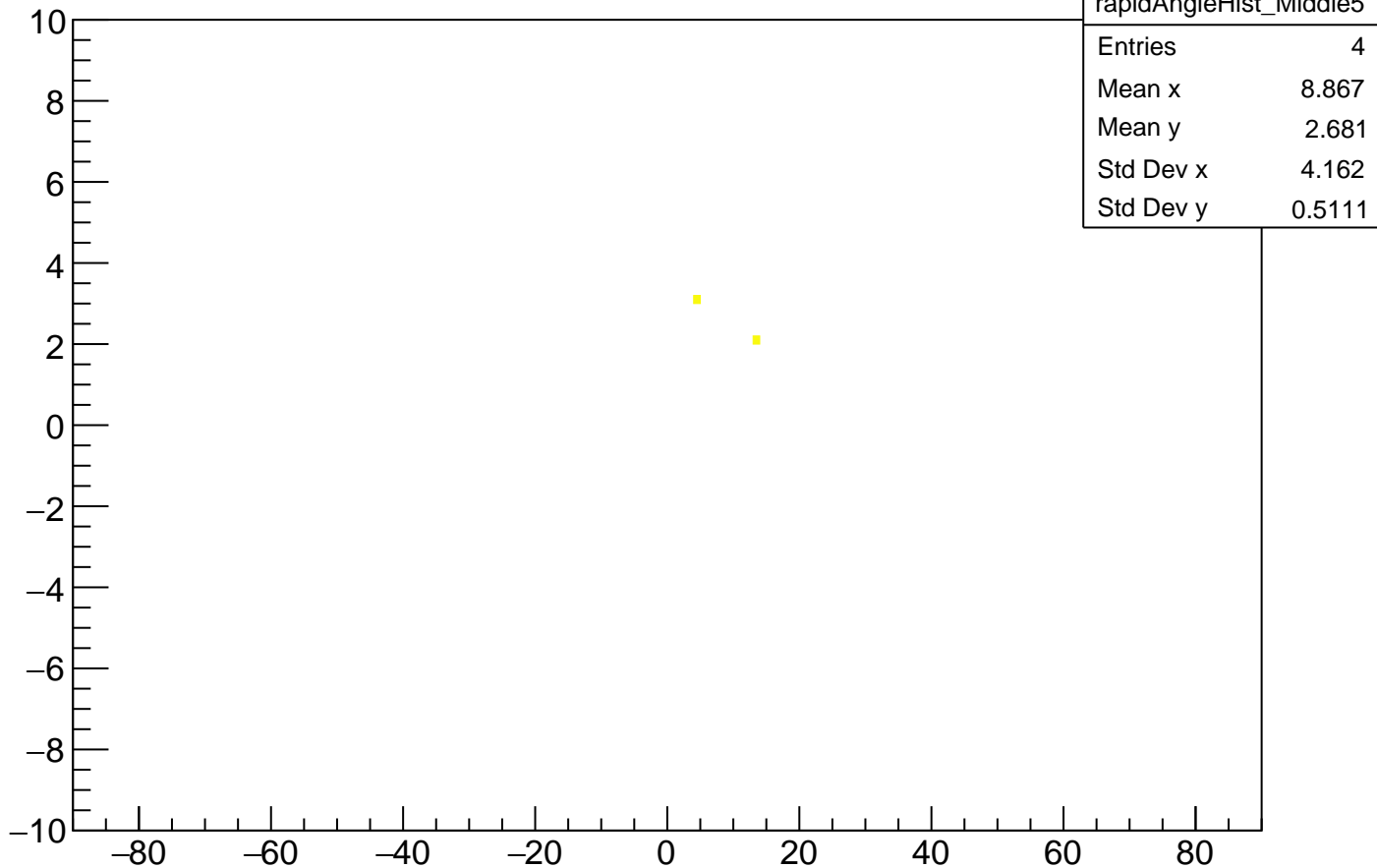
pseudoRapHist_Middle5



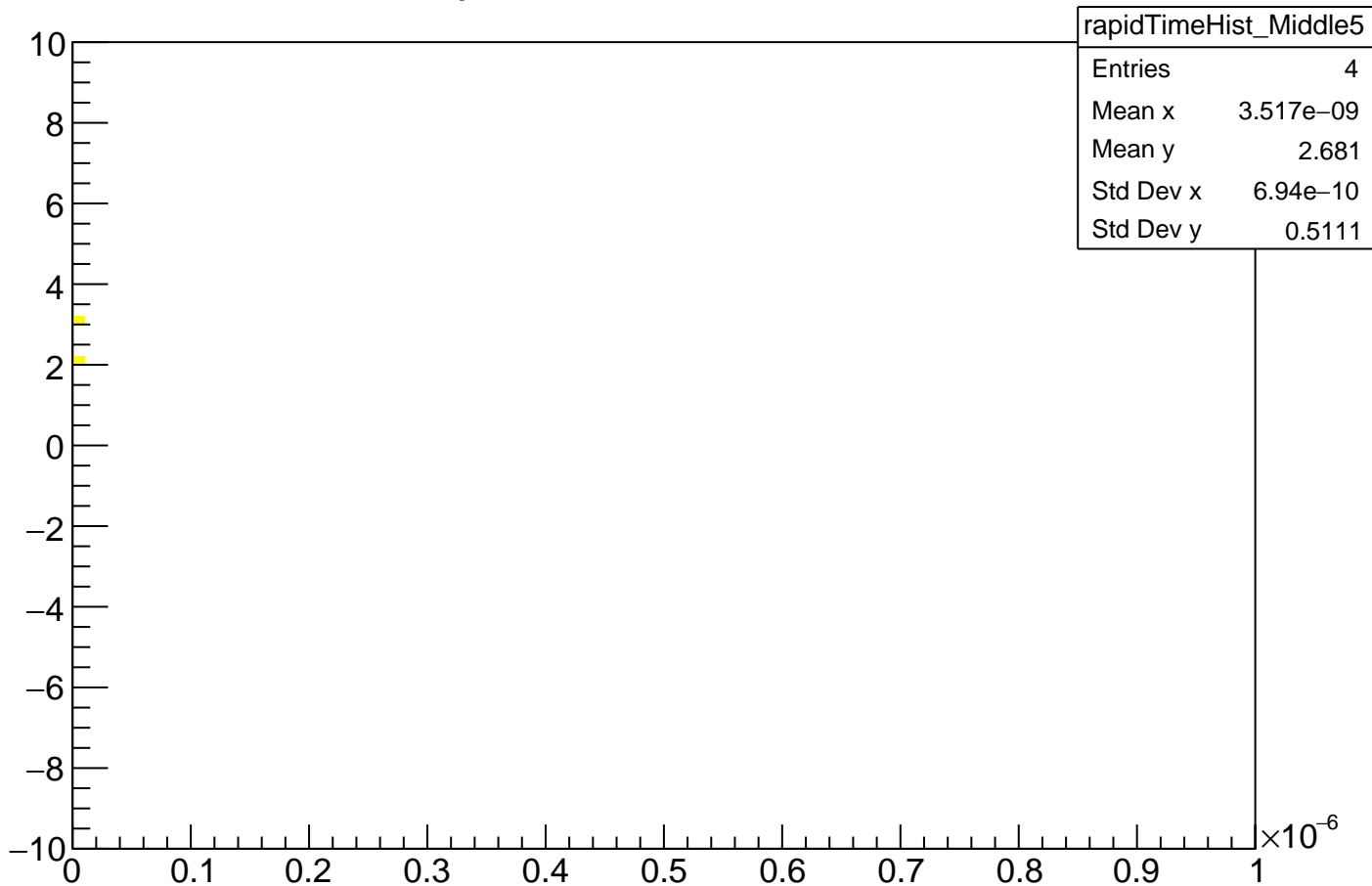
rapidEnergyHist_Middle5



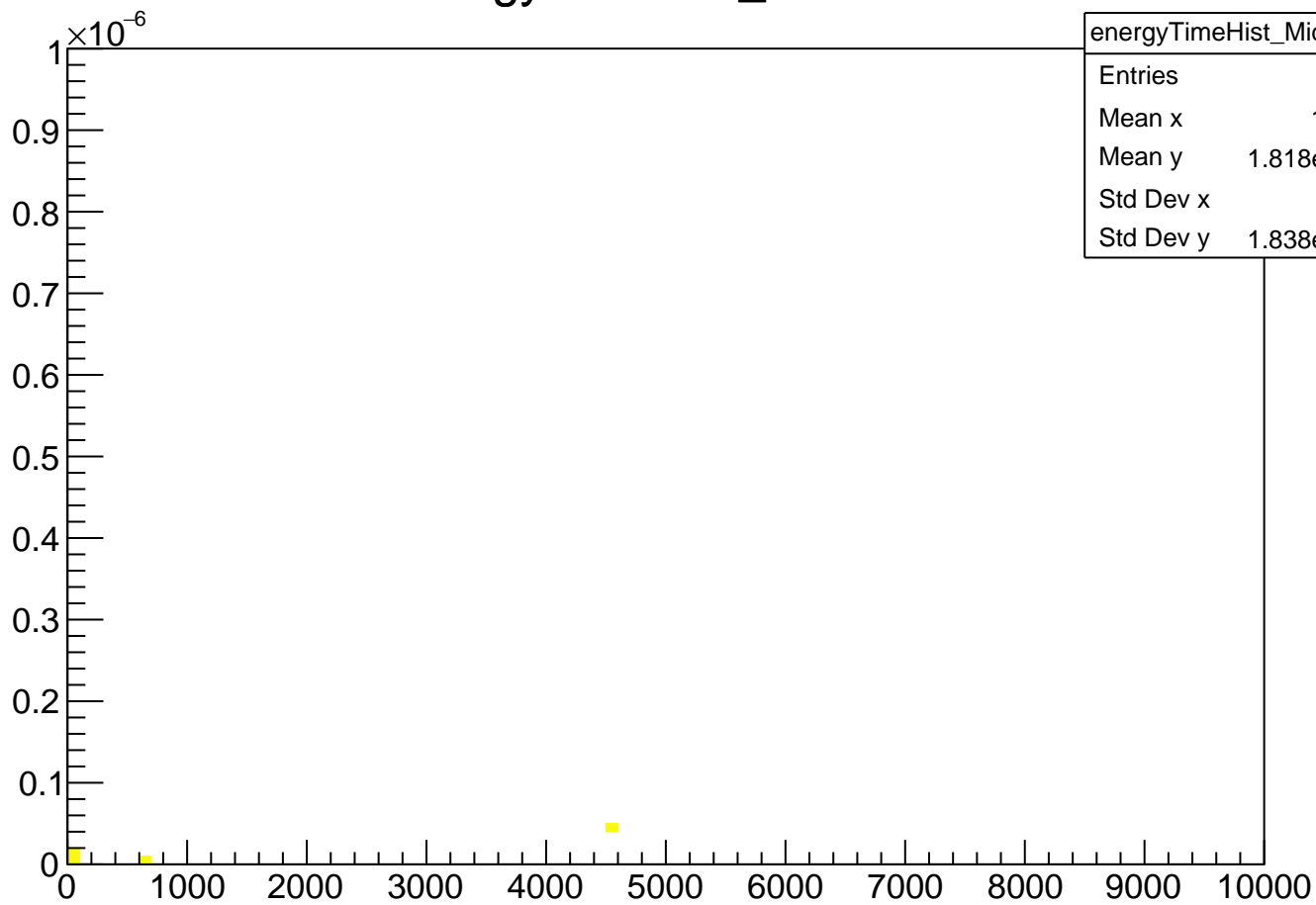
rapidAngleHist_Middle5



rapidTimeHist_Middle5

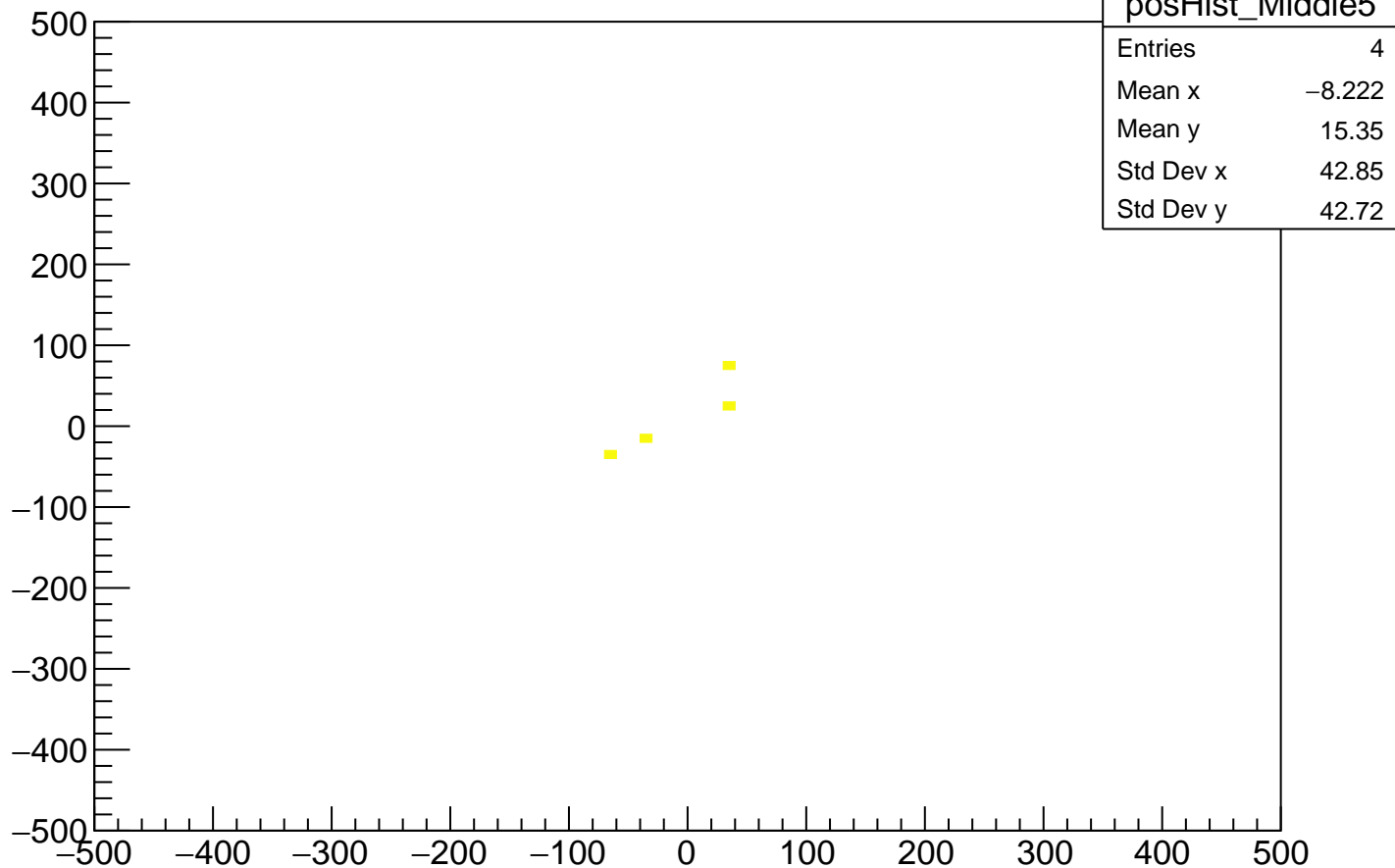


energyTimeHist_Middle5

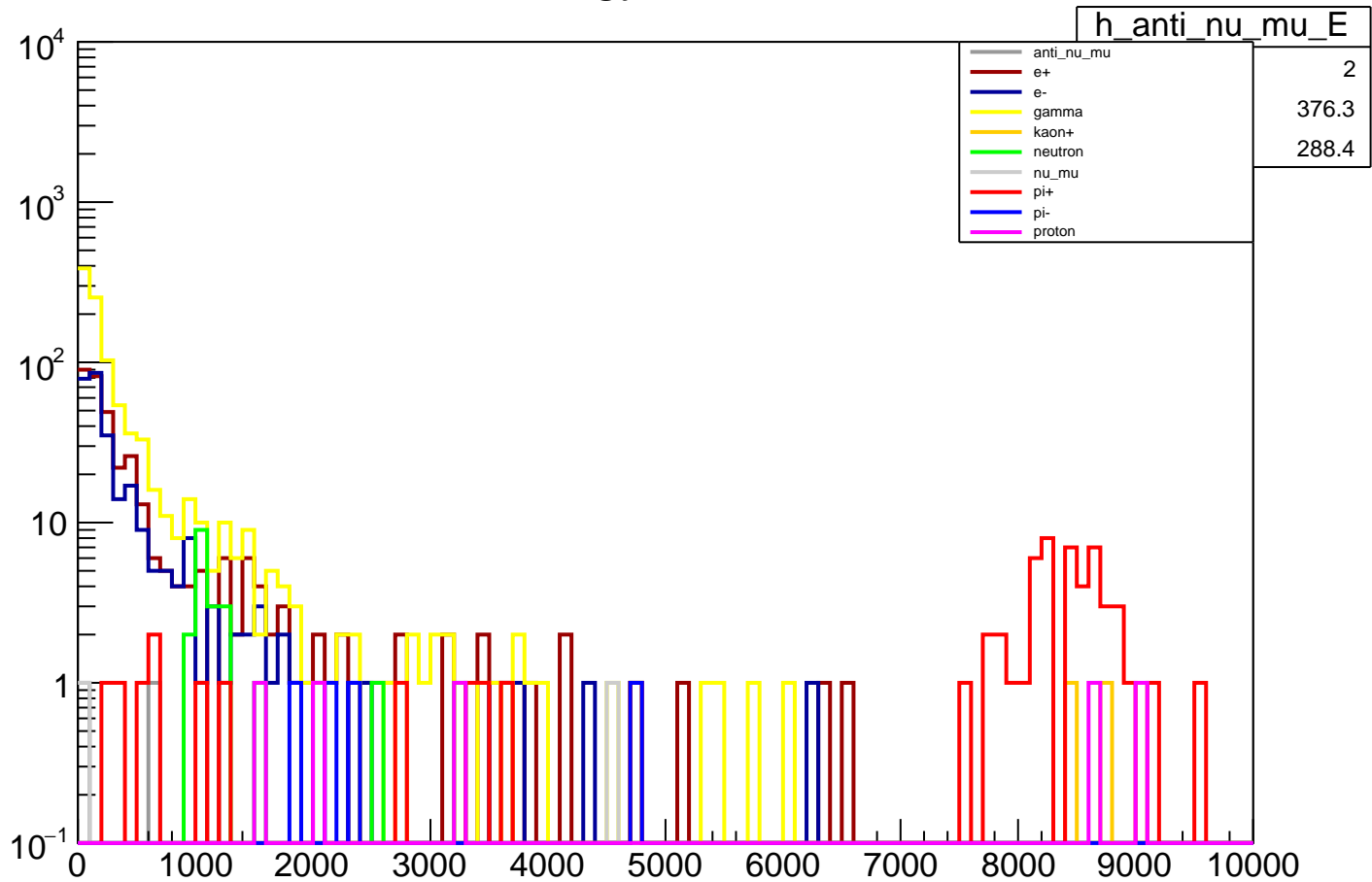


energyTimeHist_Middle5	
Entries	4
Mean x	1347
Mean y	1.818e-08
Std Dev x	1881
Std Dev y	1.838e-08

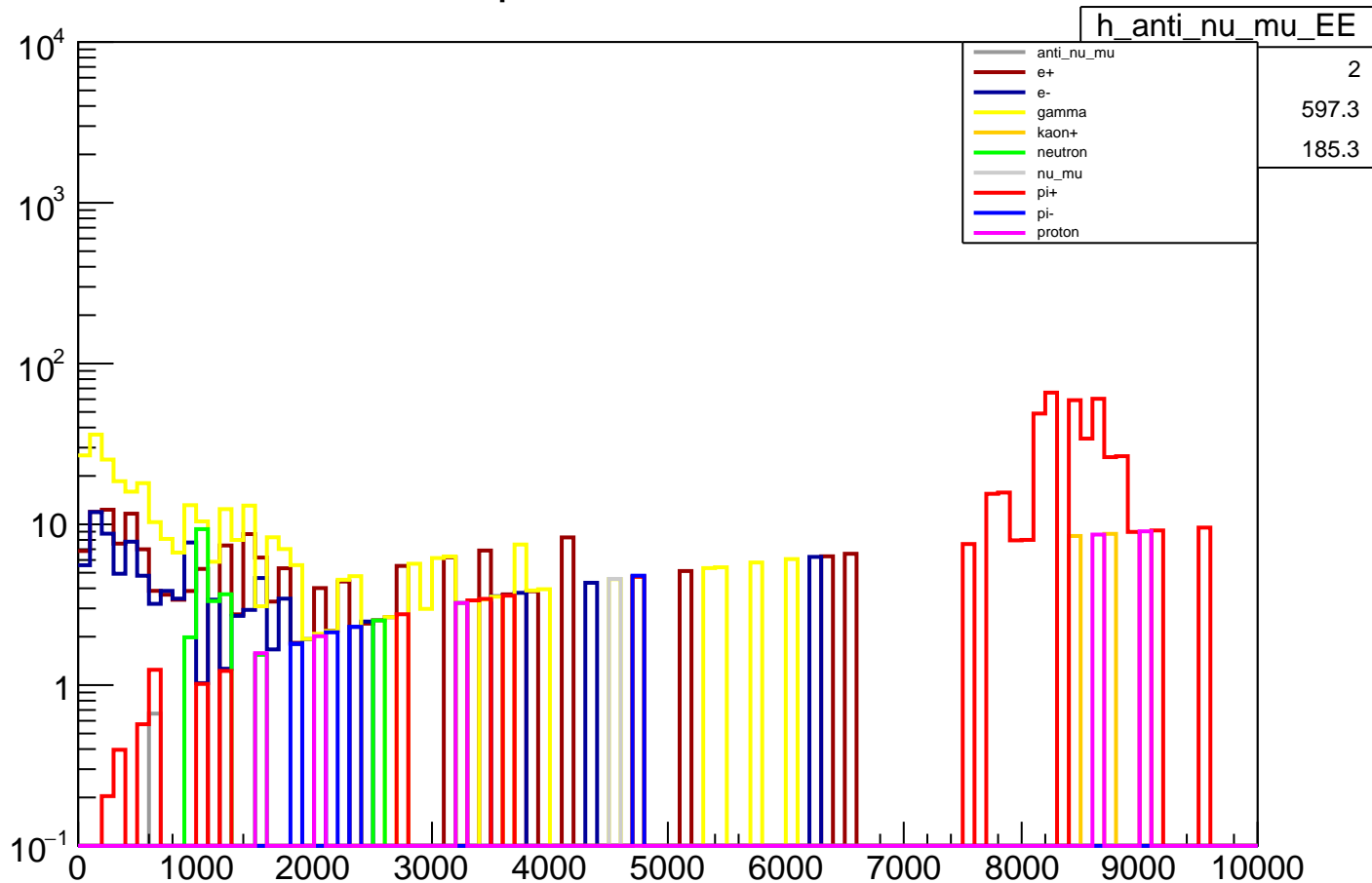
posHist_Middle5



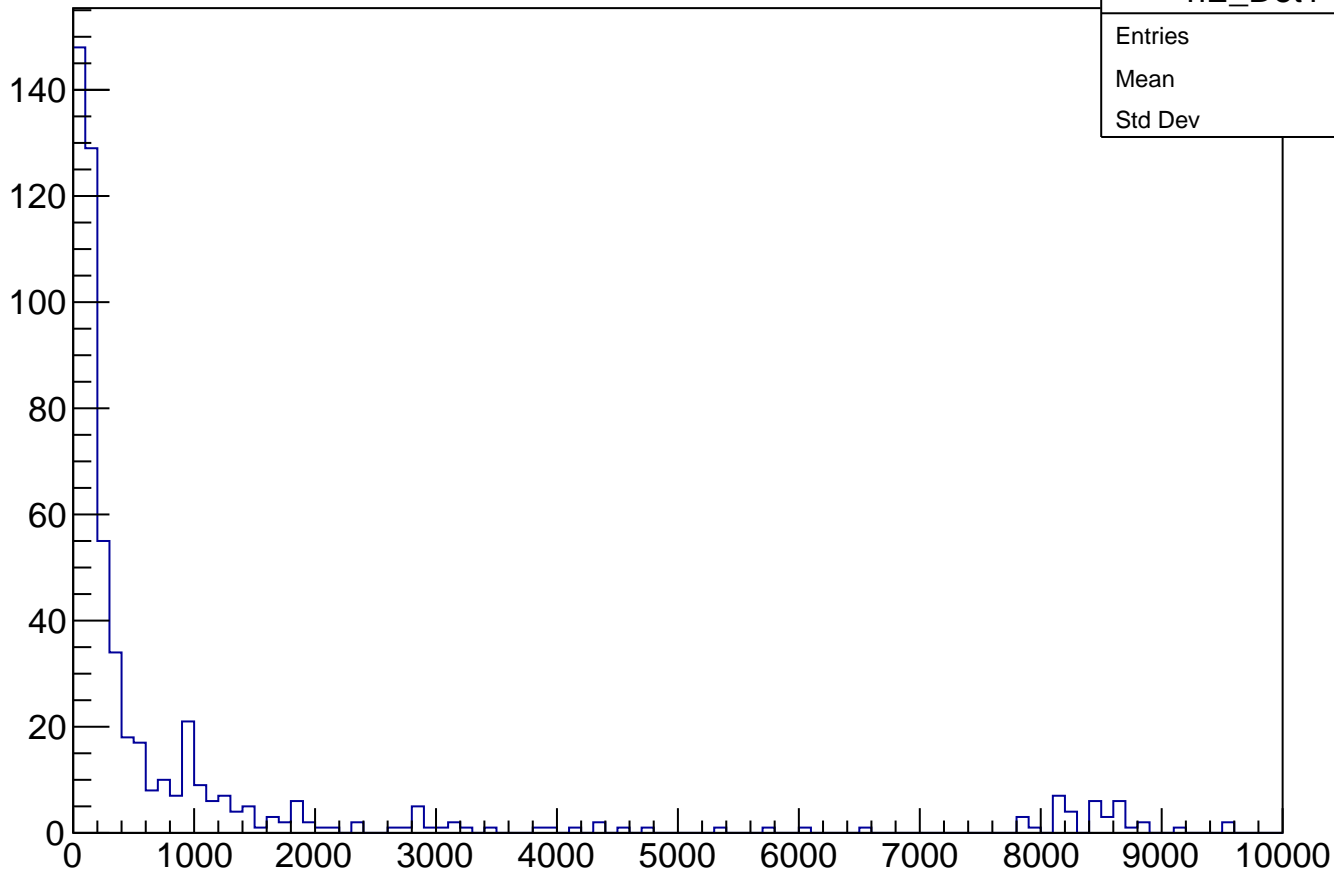
Energy_Middle5



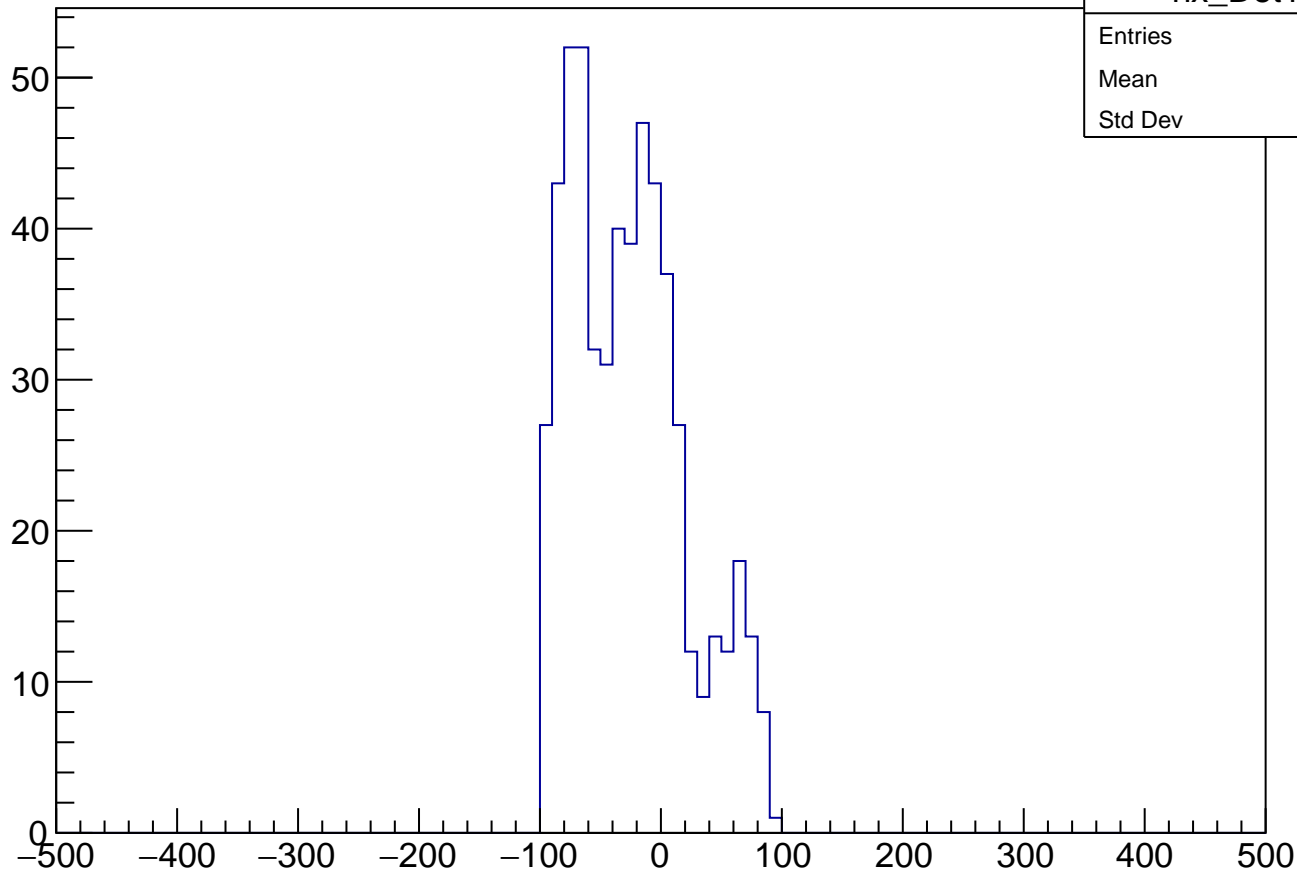
Spectrum_Middle5



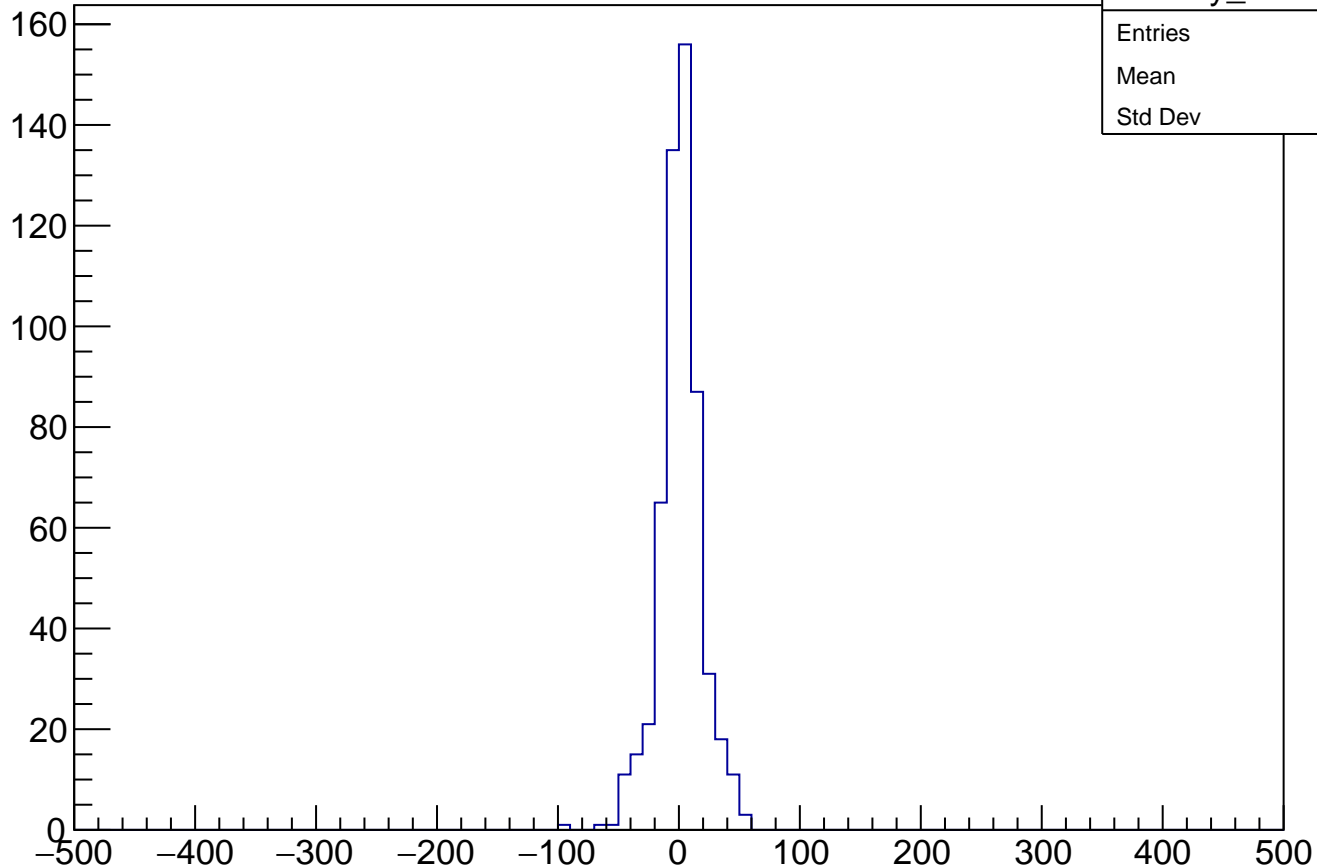
hE_Det1



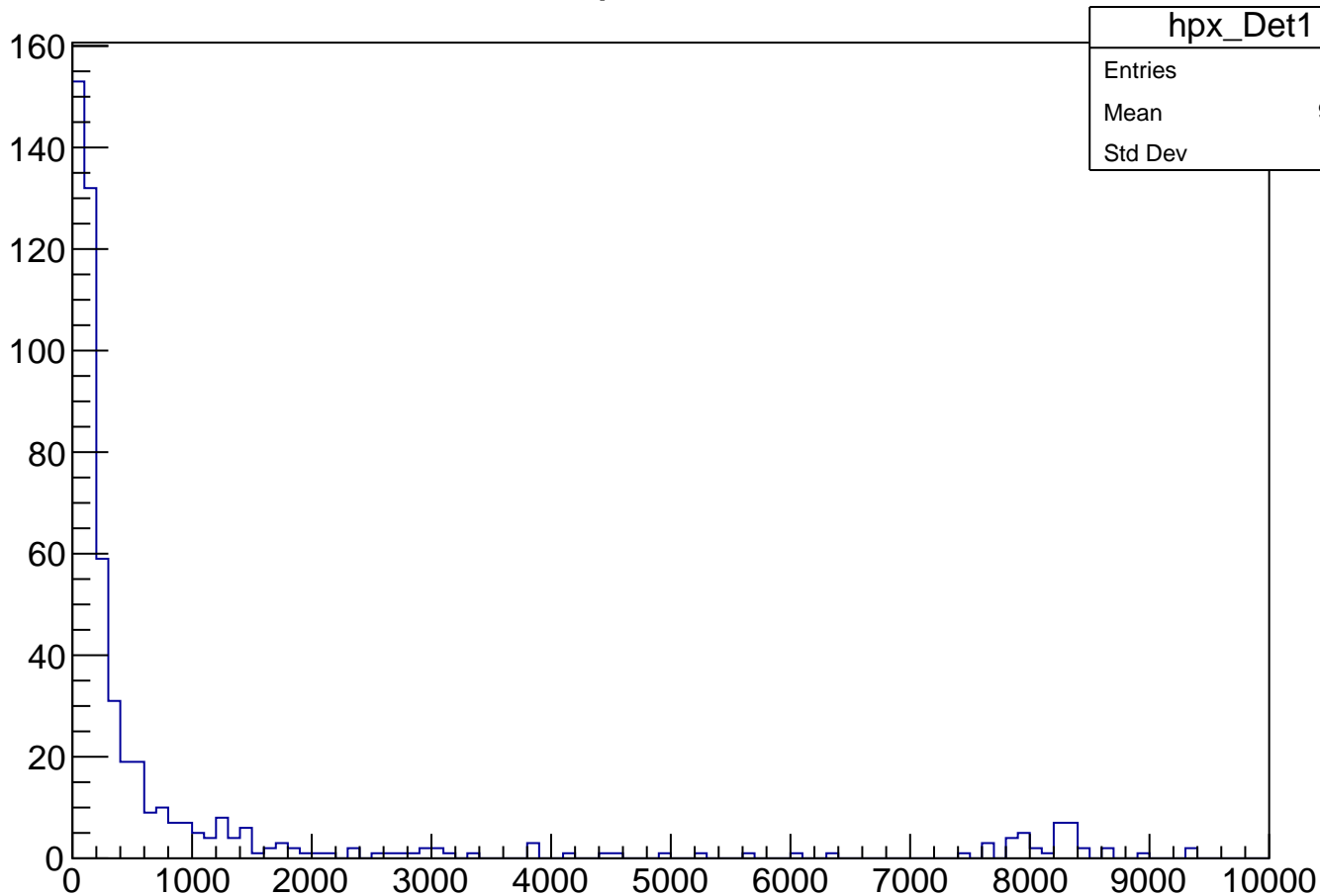
hx_Det1



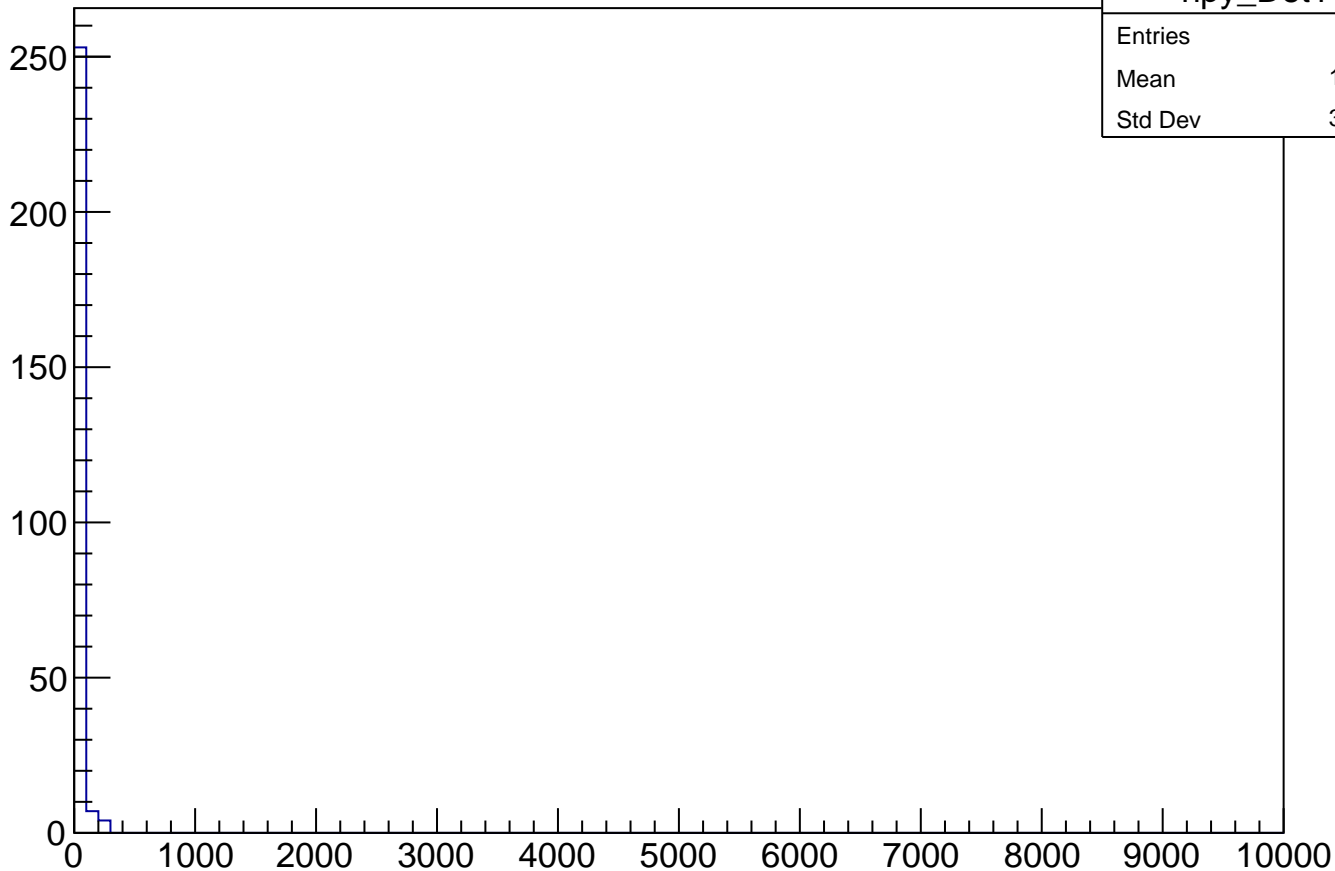
hy_Det1



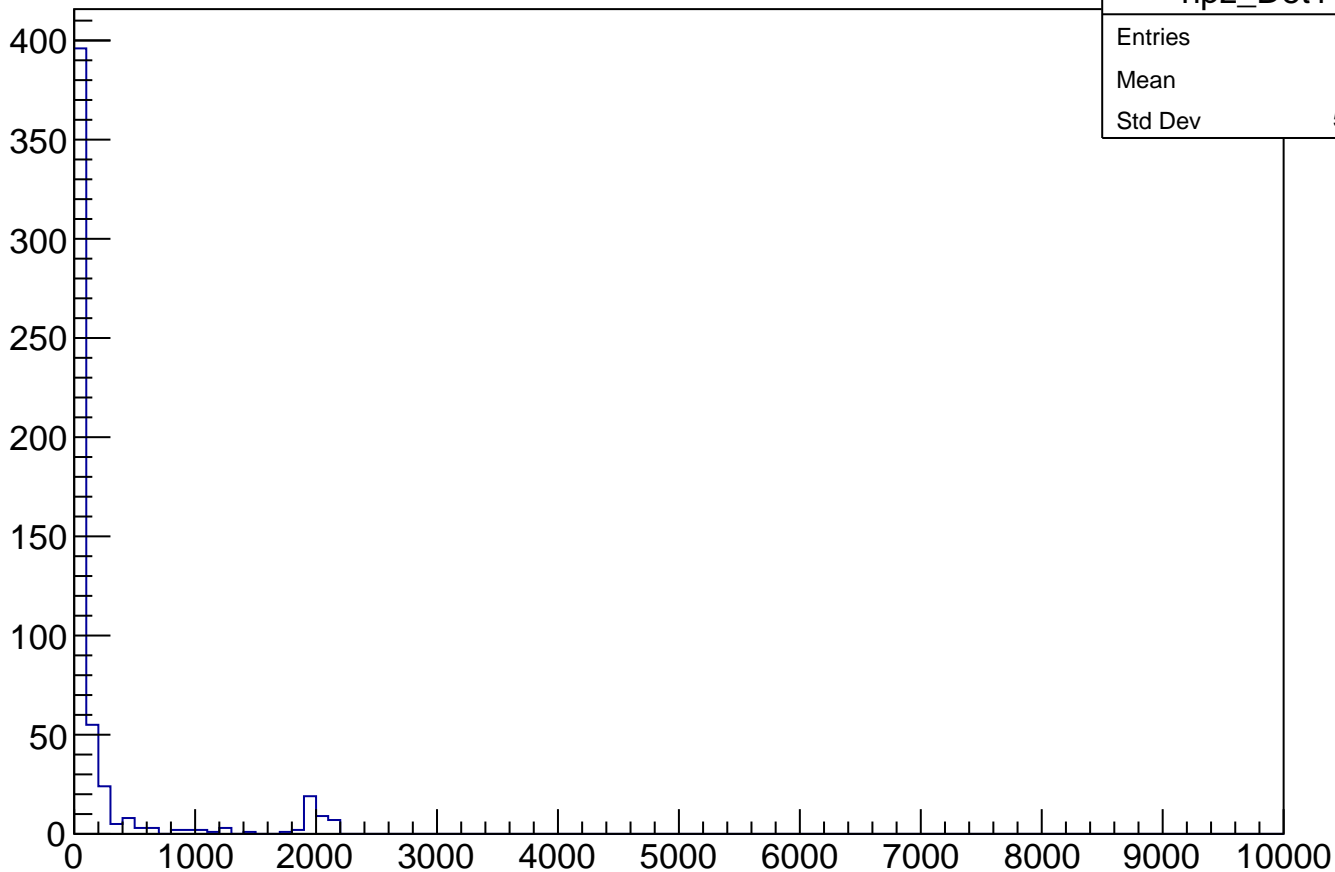
hpx_Det1



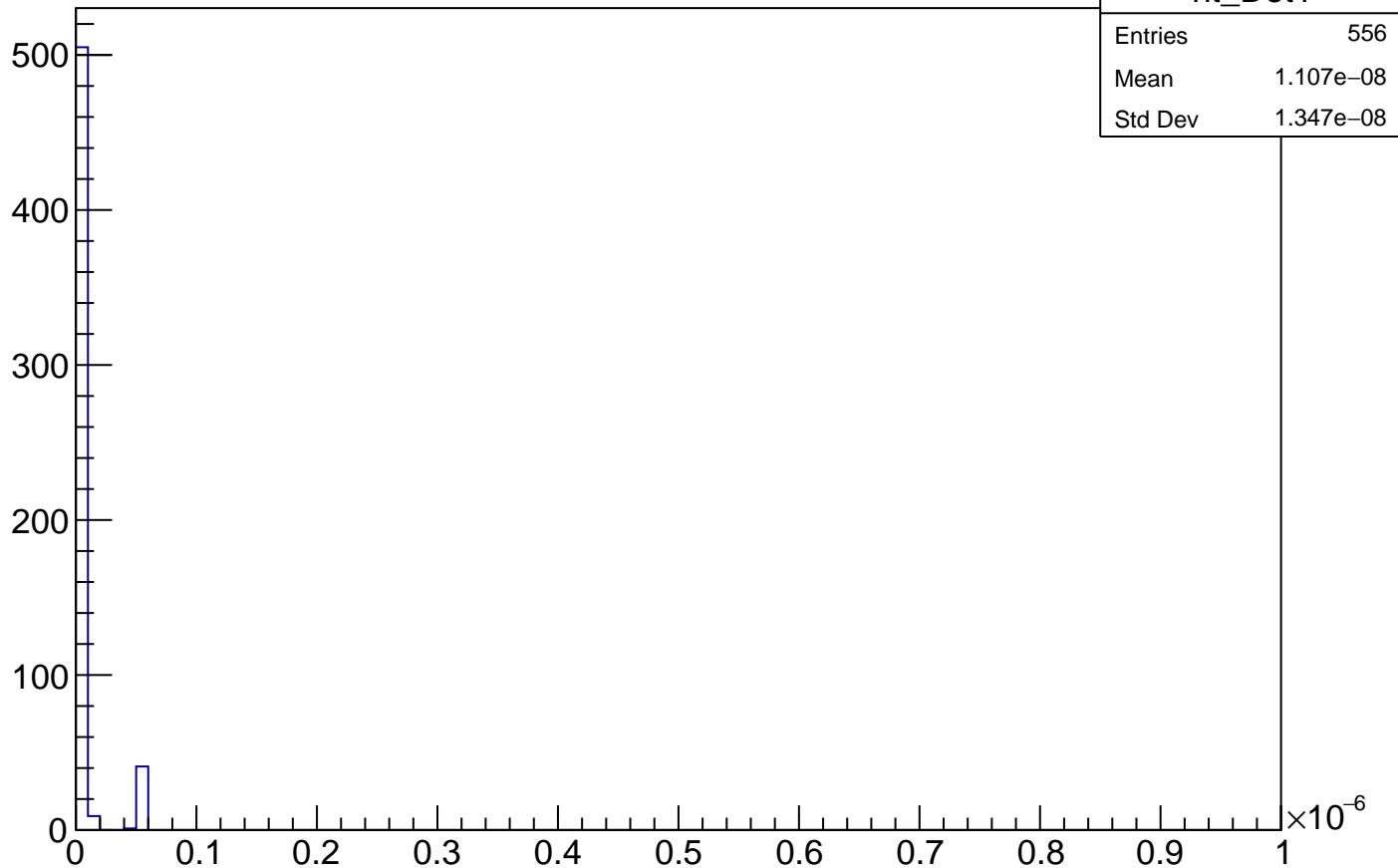
hpy_Det1



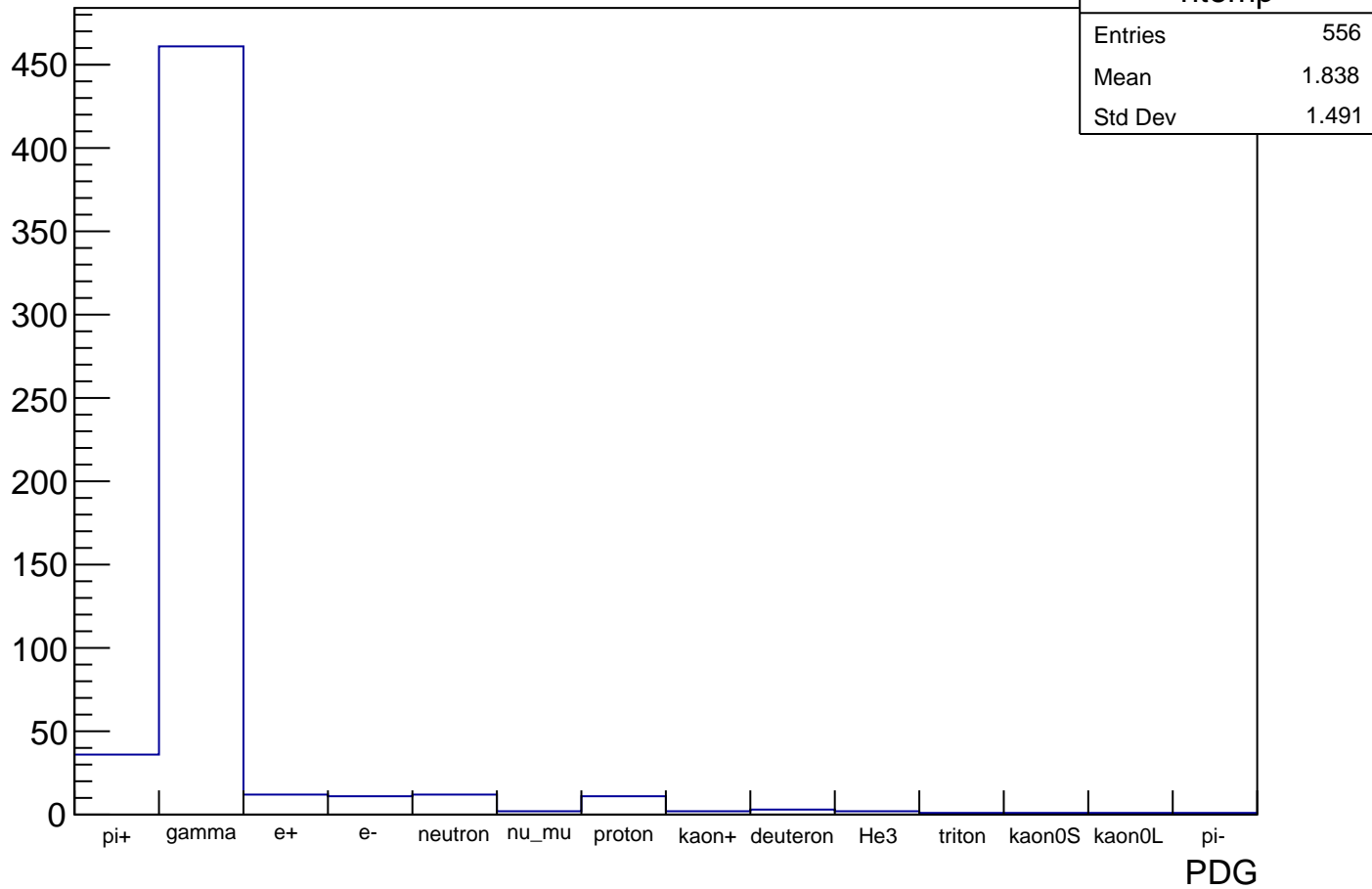
hpz_Det1



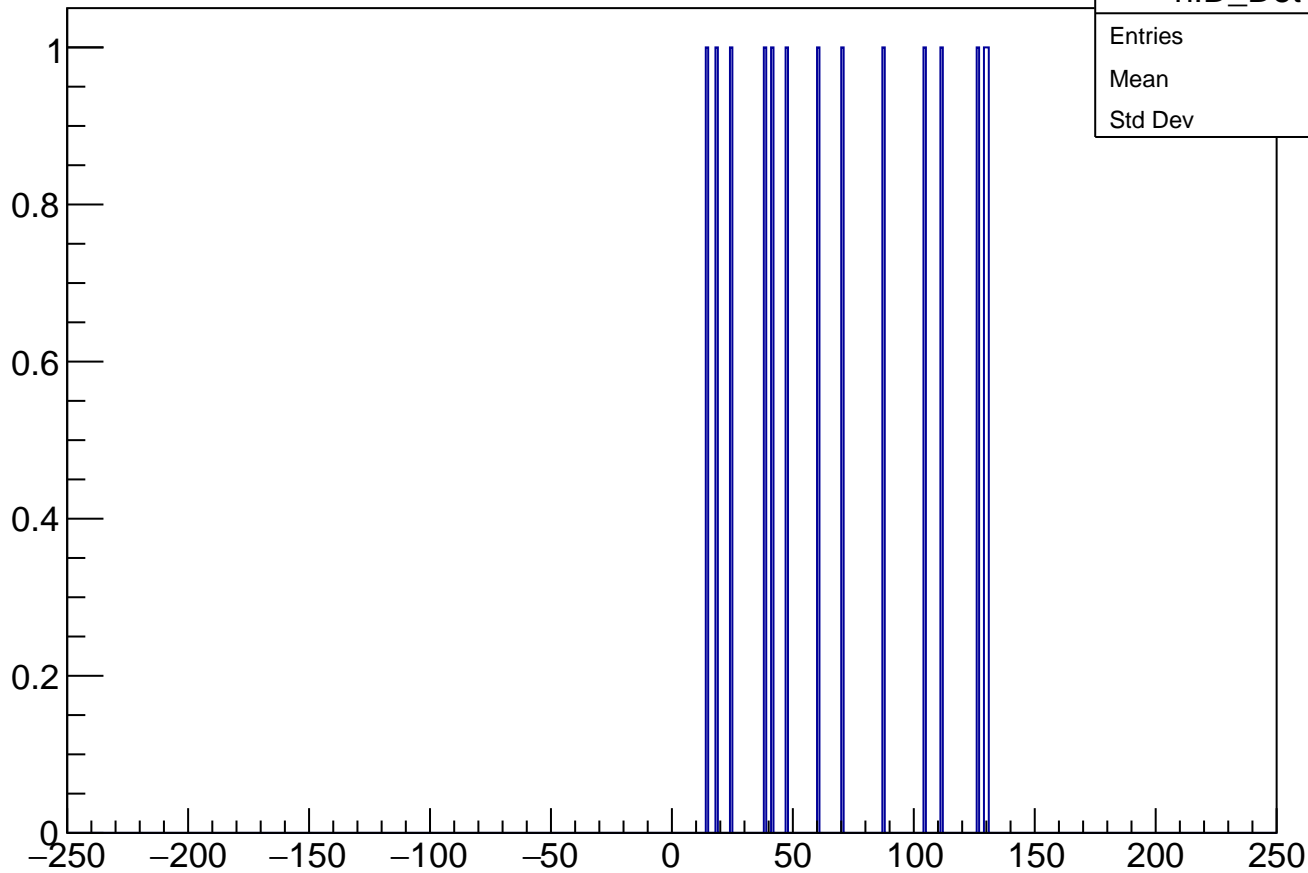
ht_Det1



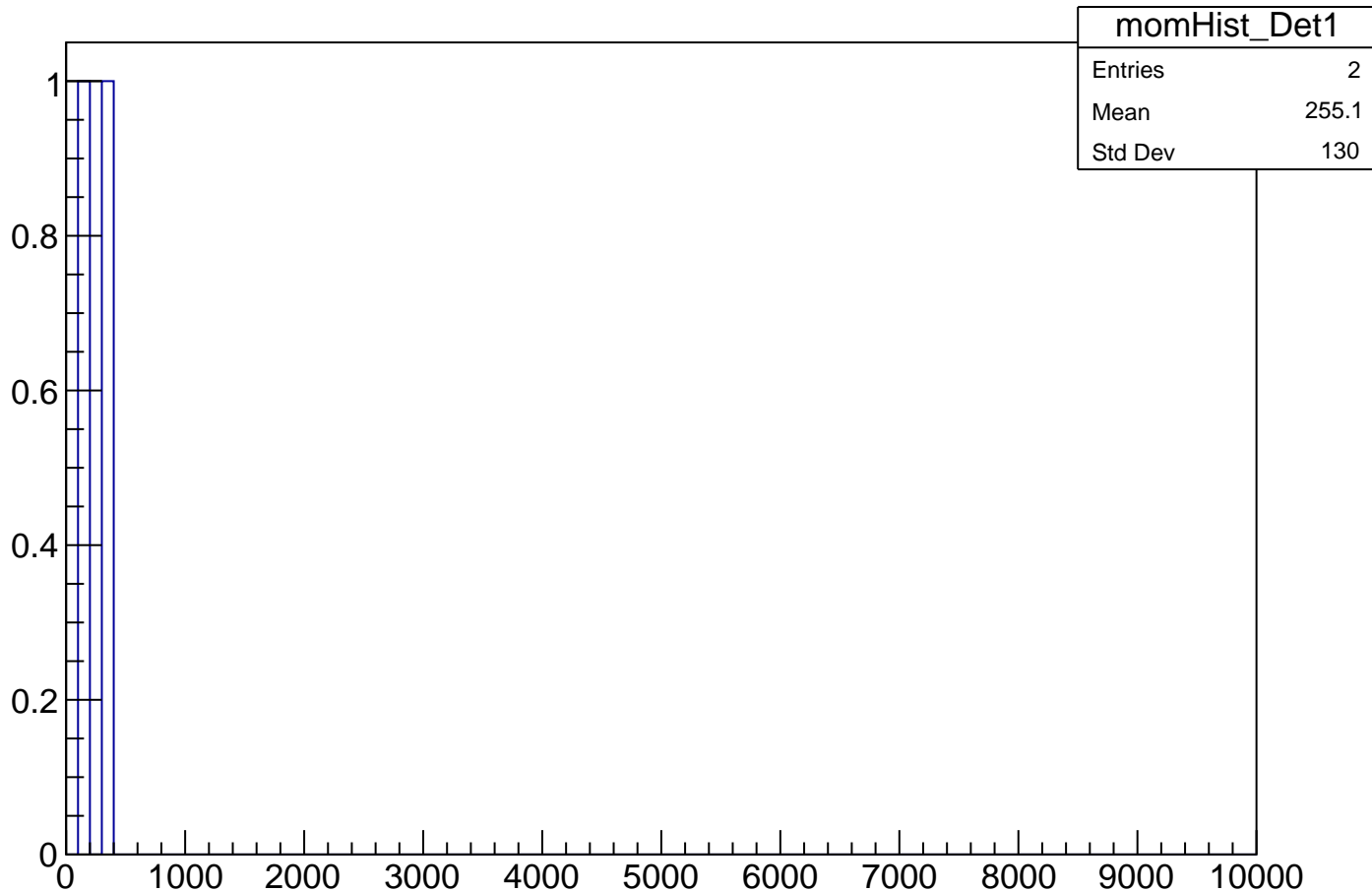
PDG



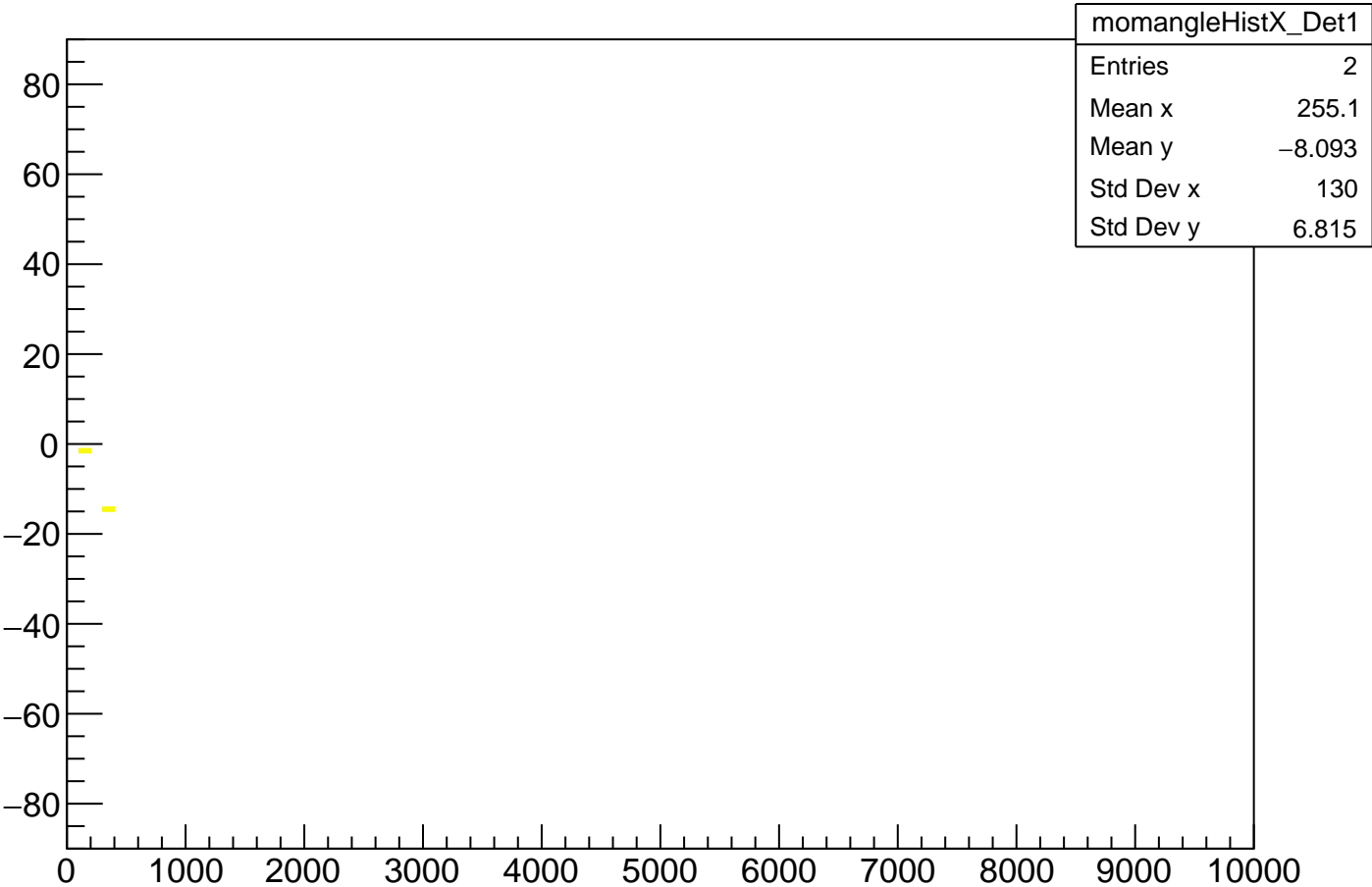
hID_Det1



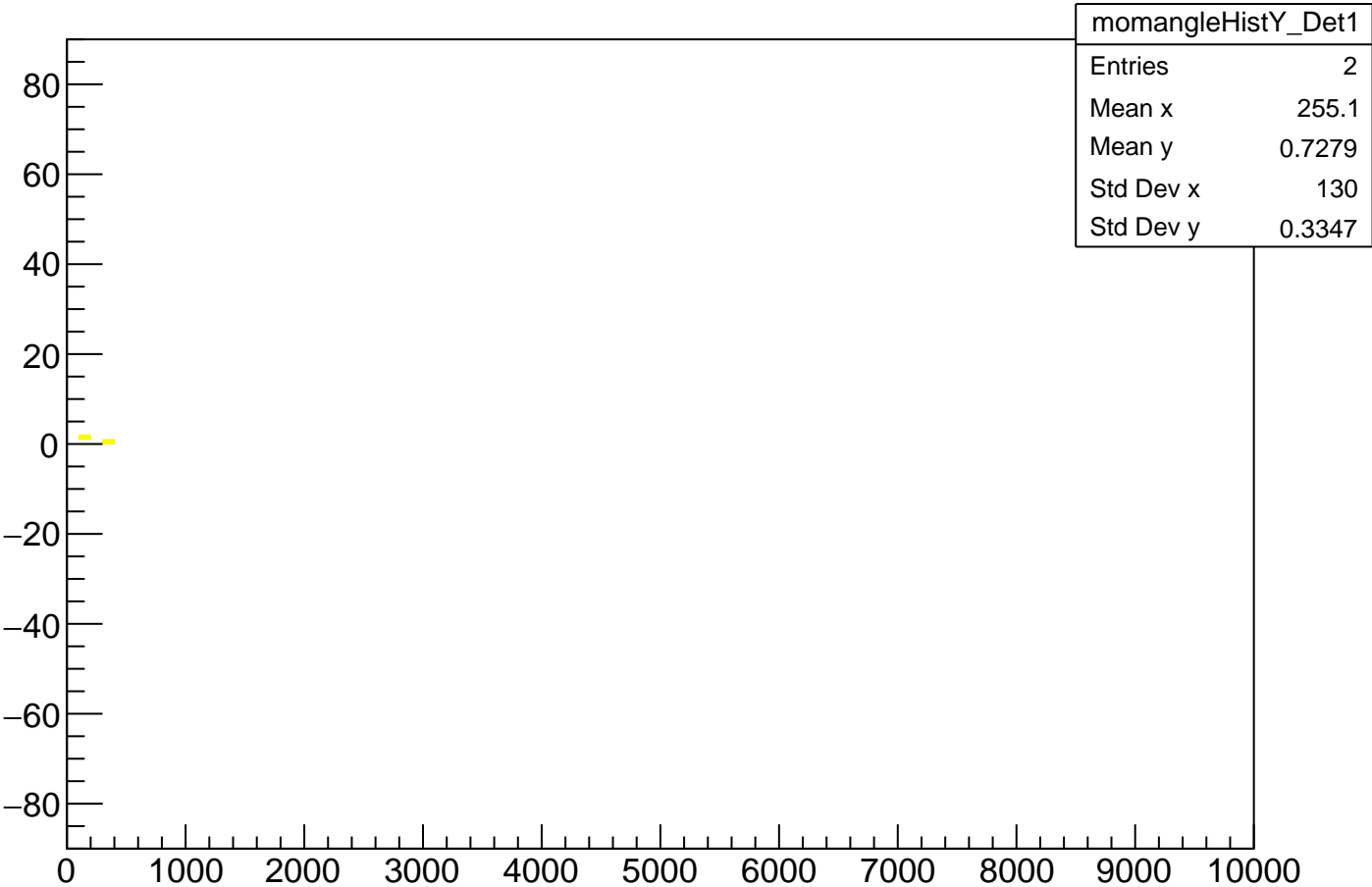
momHist_Det1



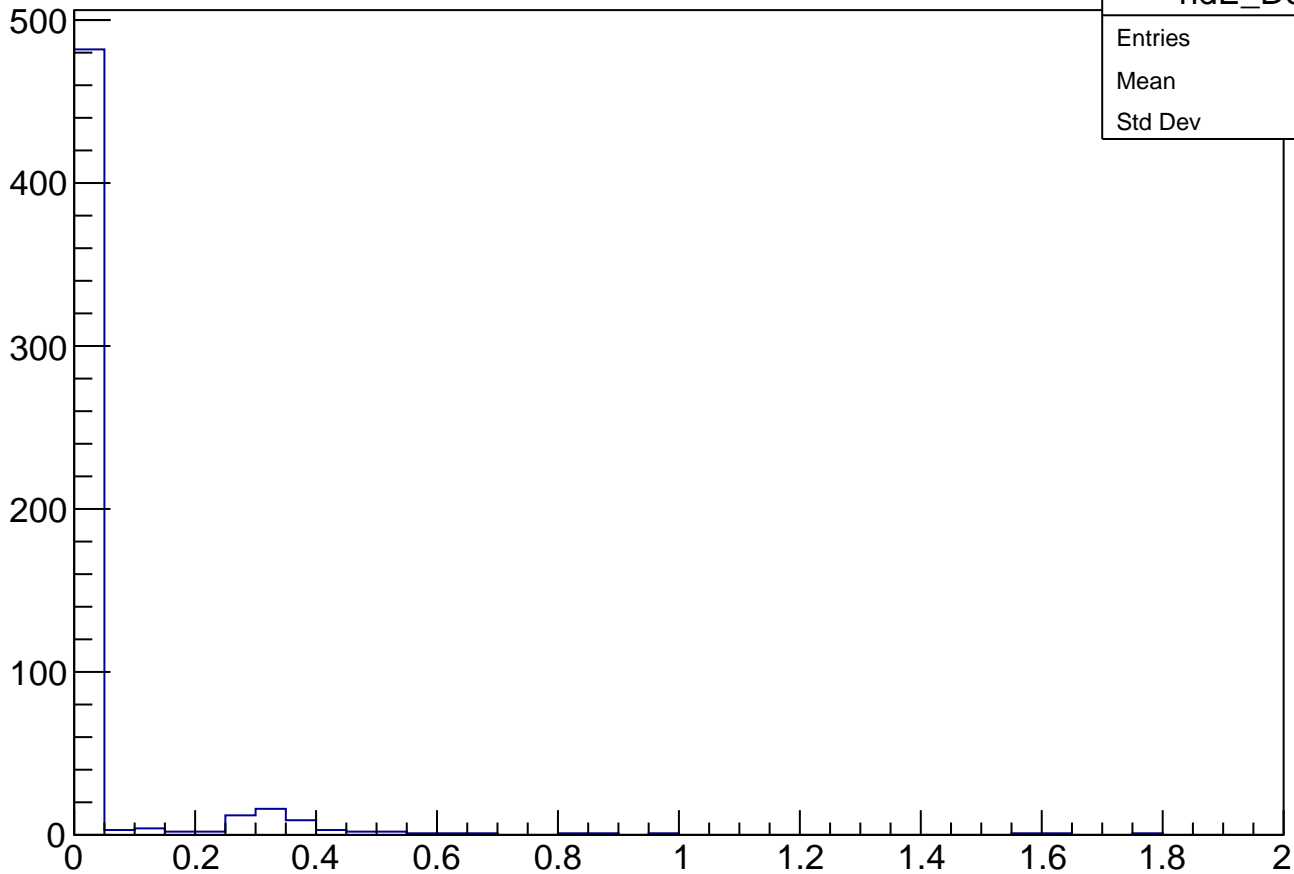
momangleHistX_Det1



momangleHistY_Det1



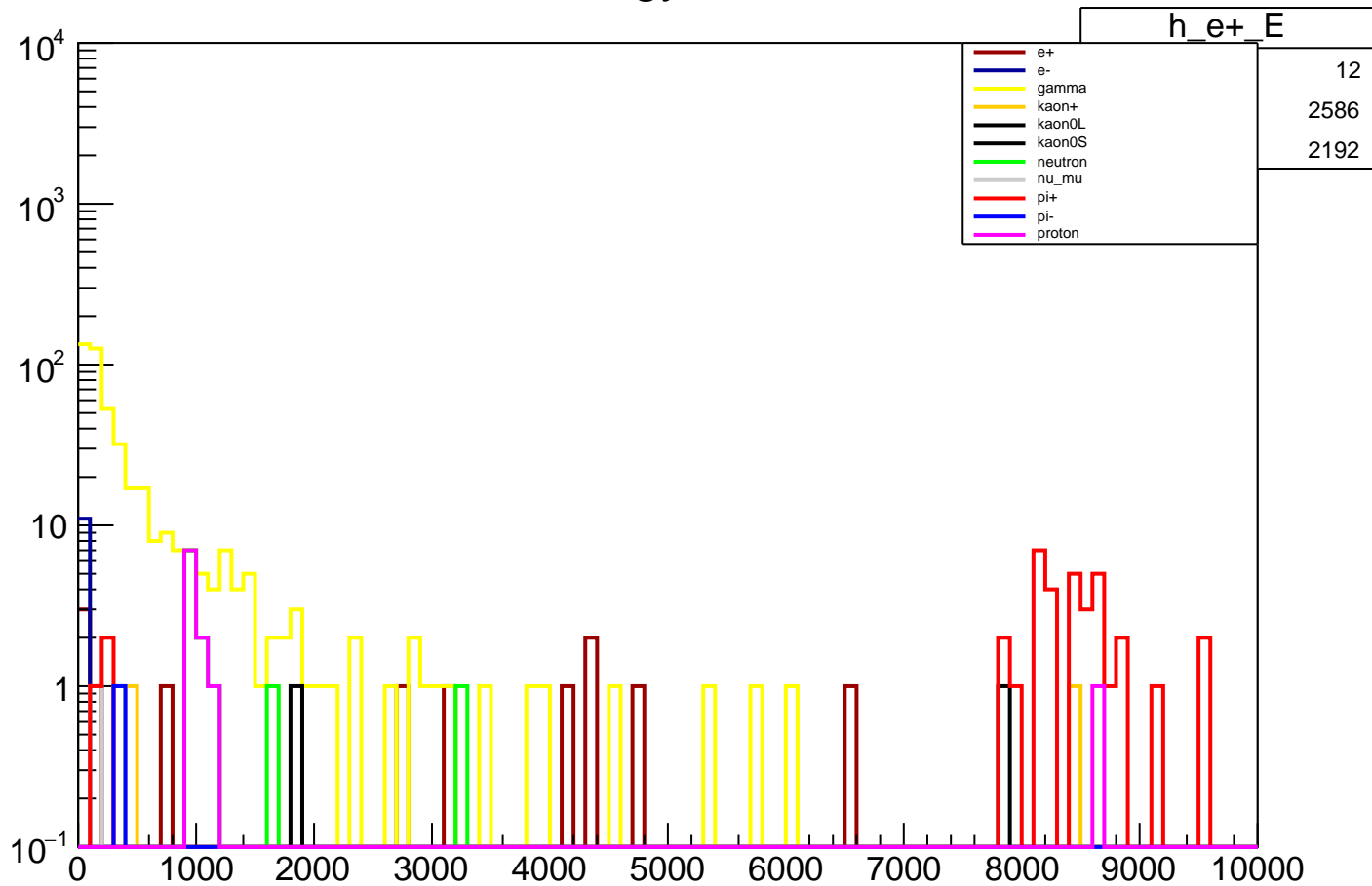
hdE_Det1



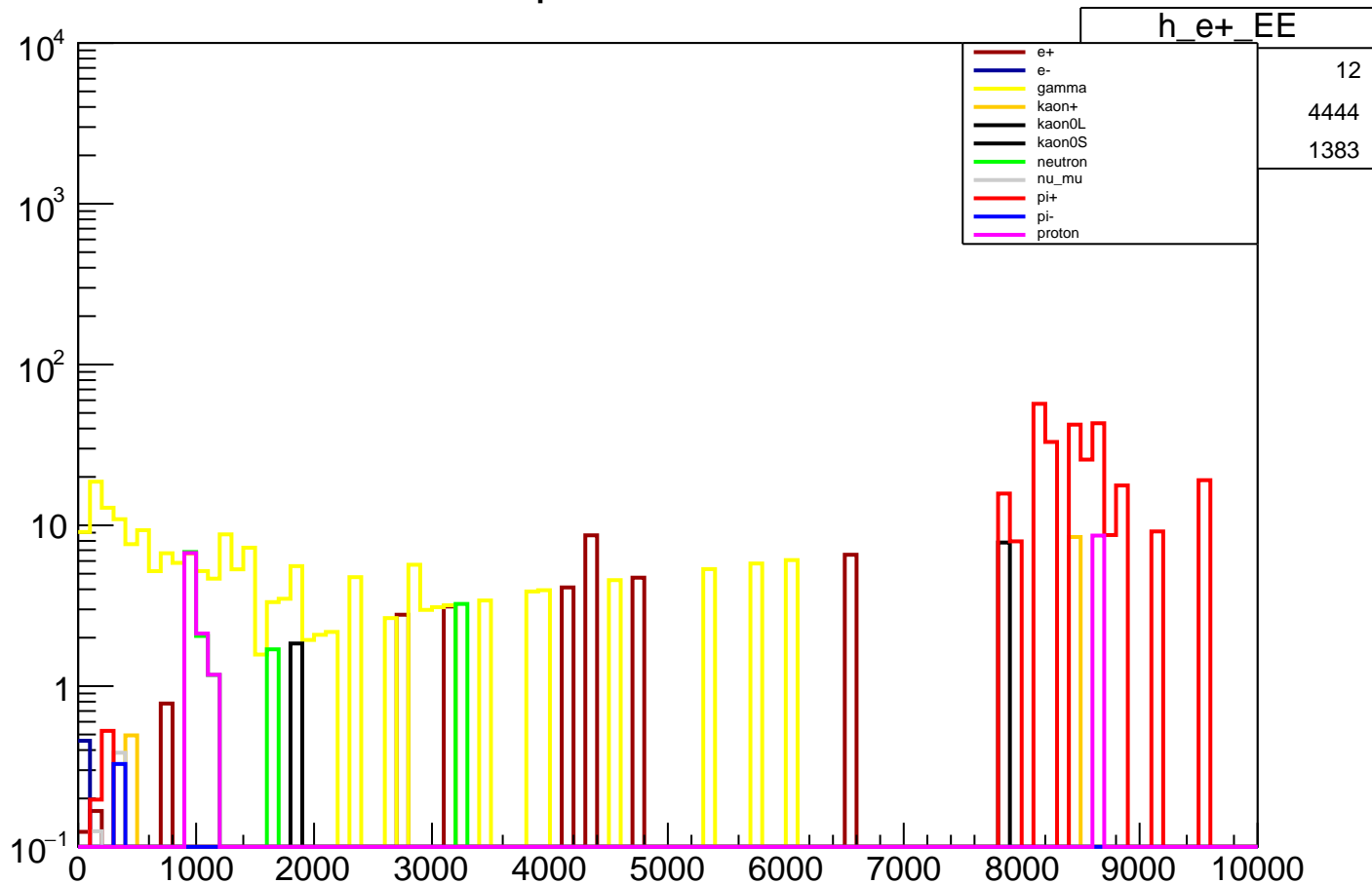
hdE_Det1

Entries	556
Mean	0.04821
Std Dev	0.1721

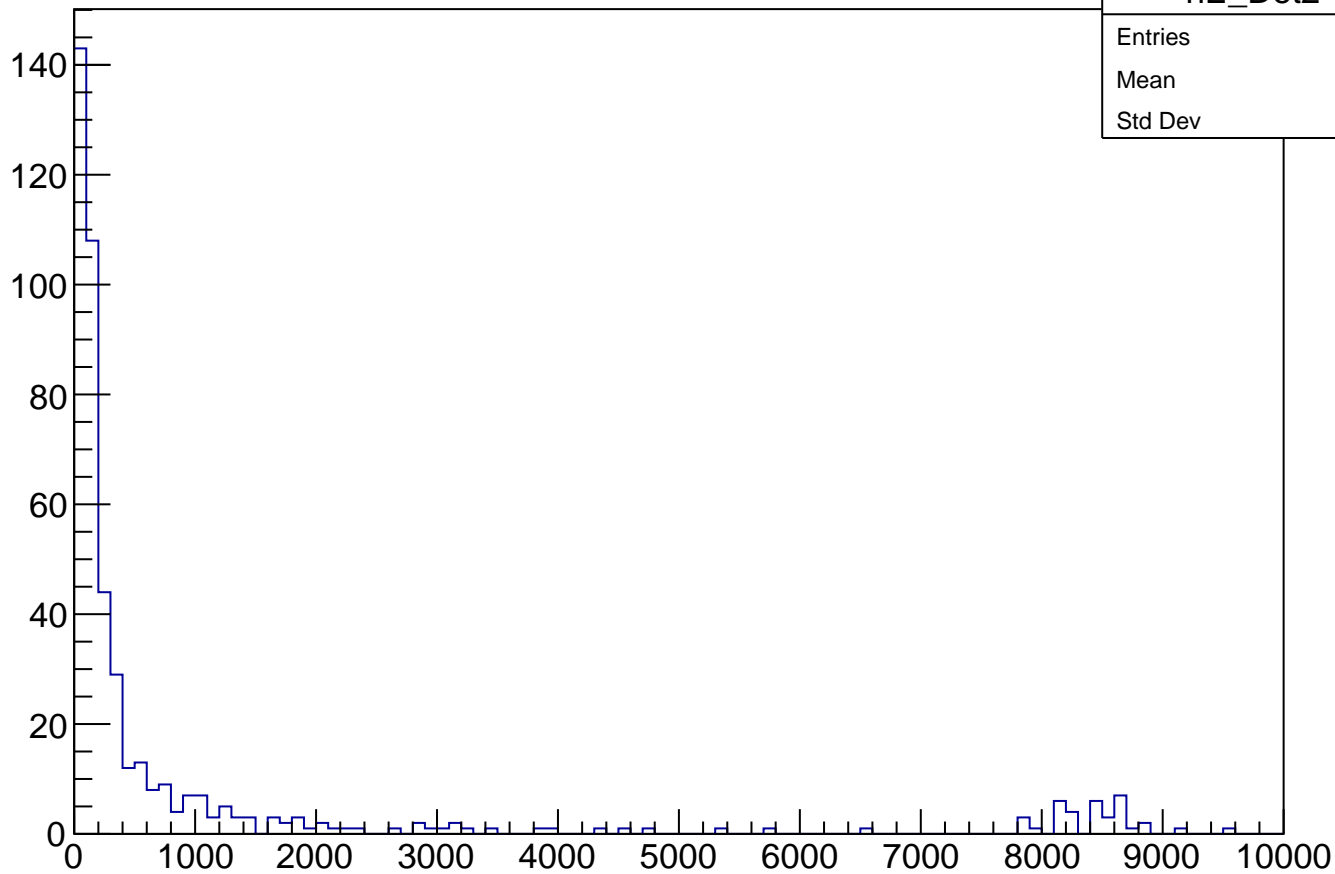
Energy_Det1



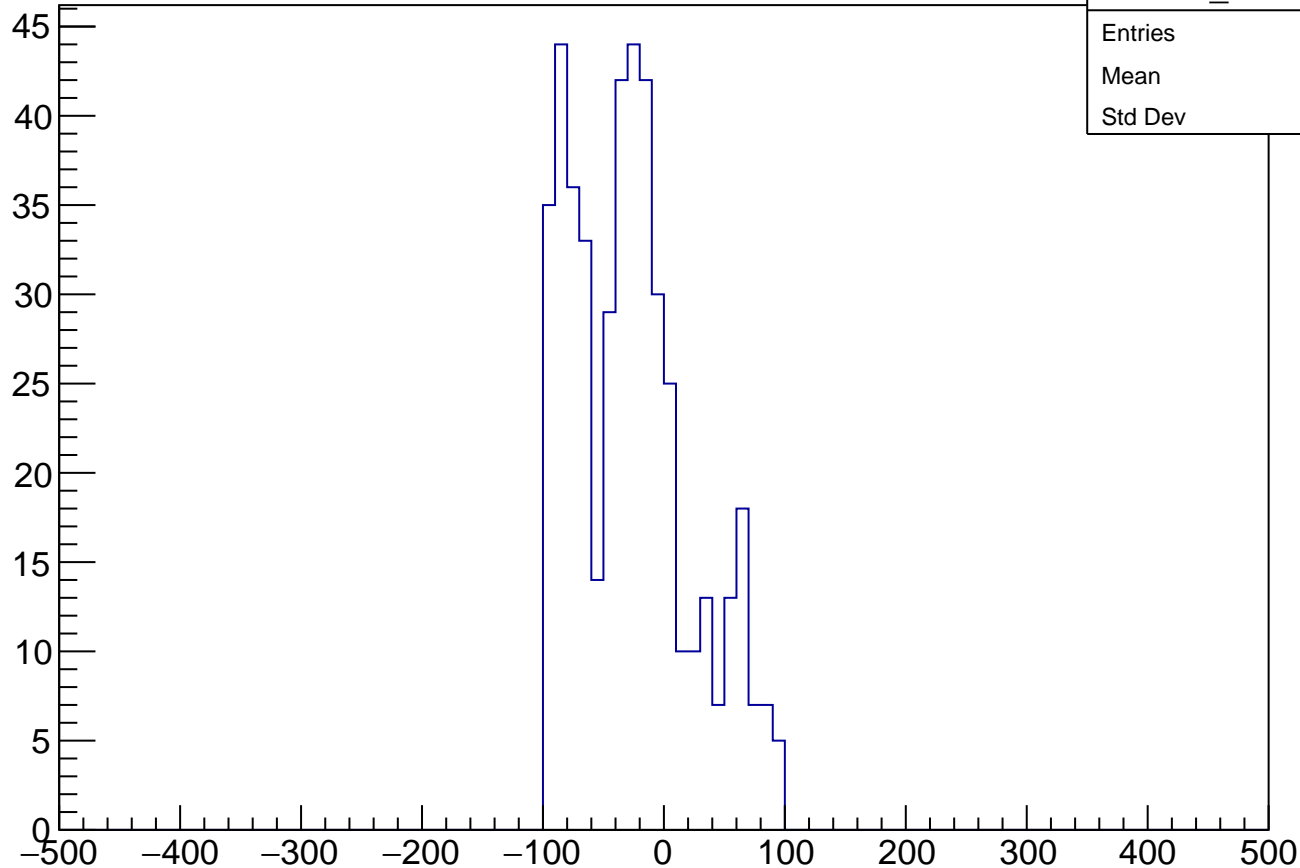
Spectrum_Det1



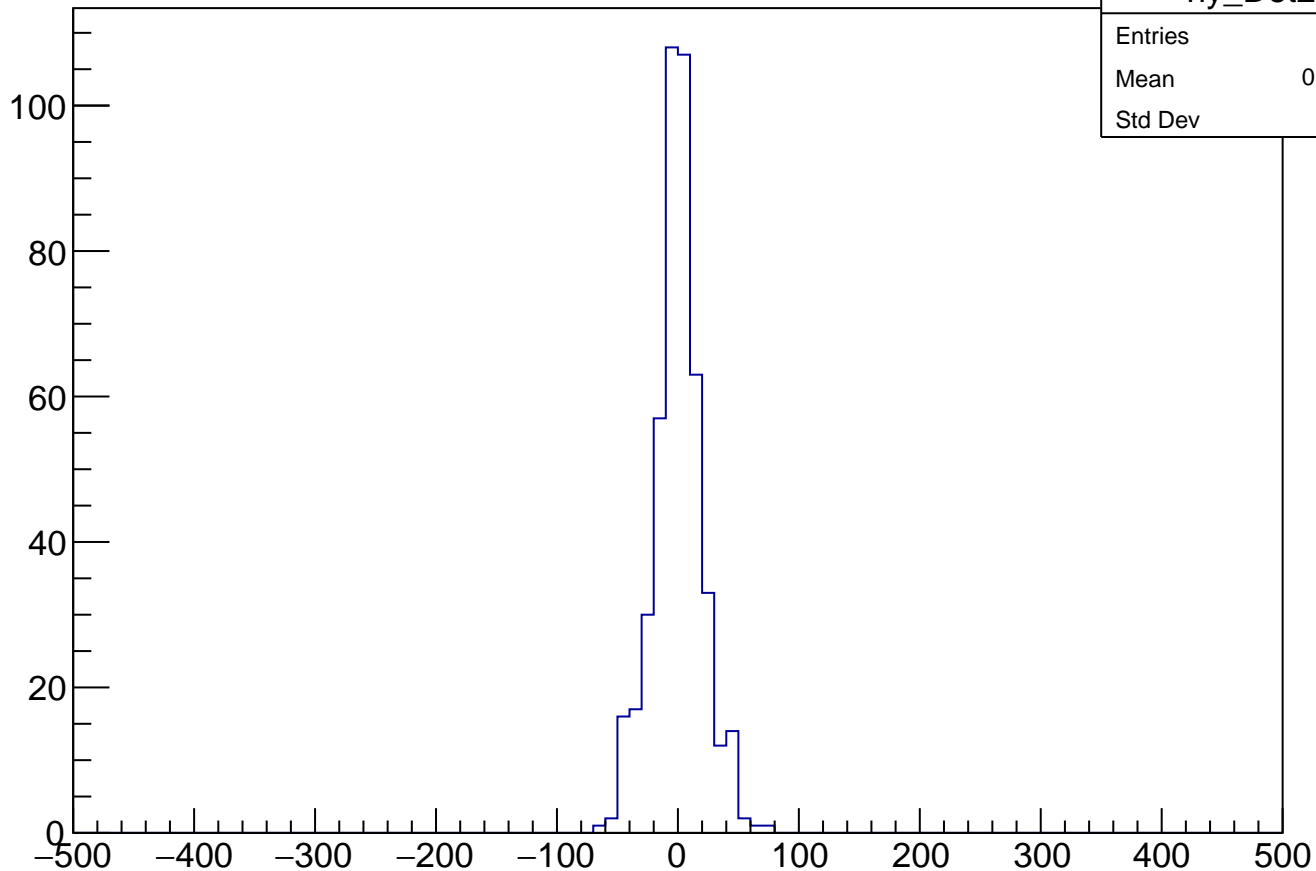
hE_Det2



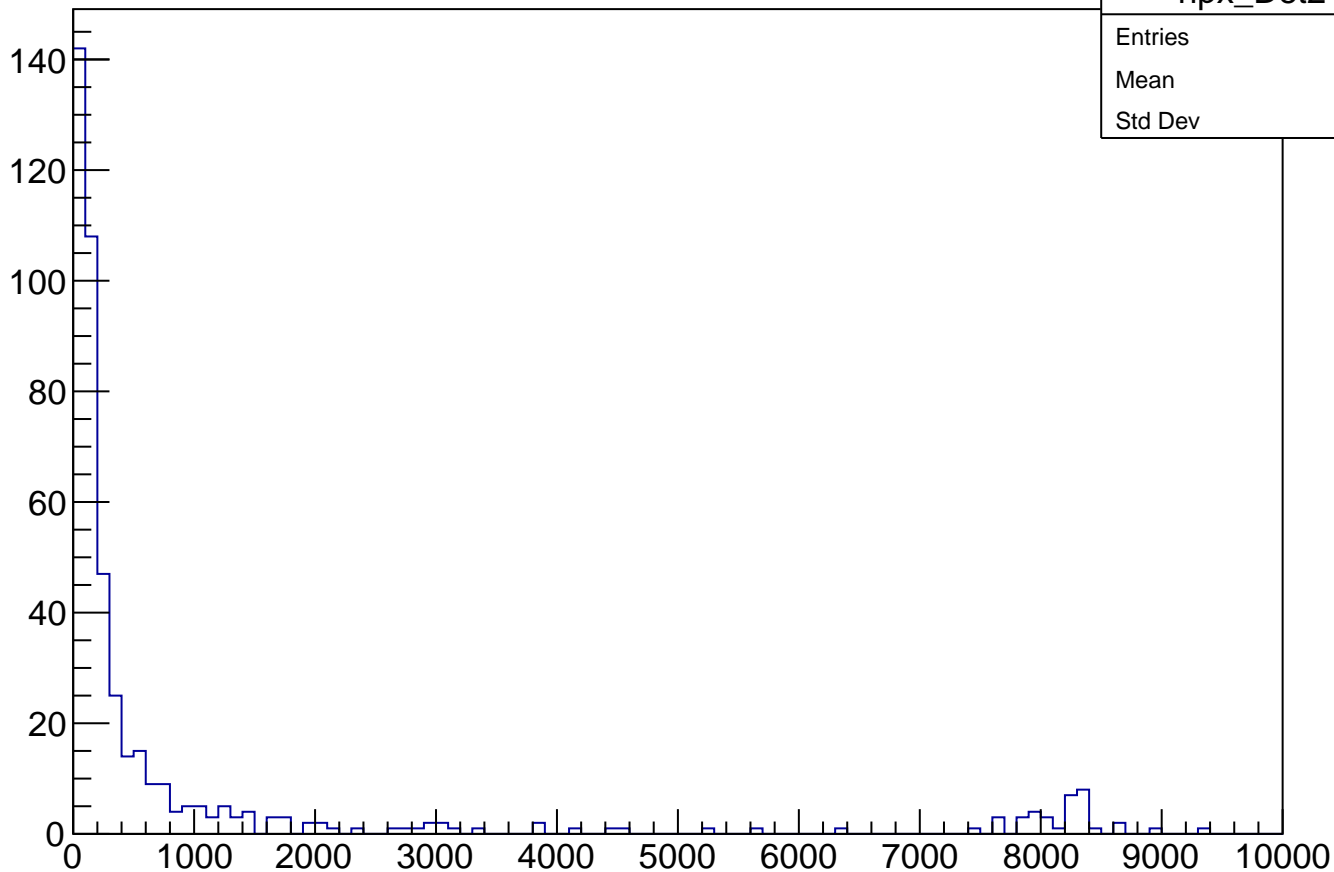
hx_Det2



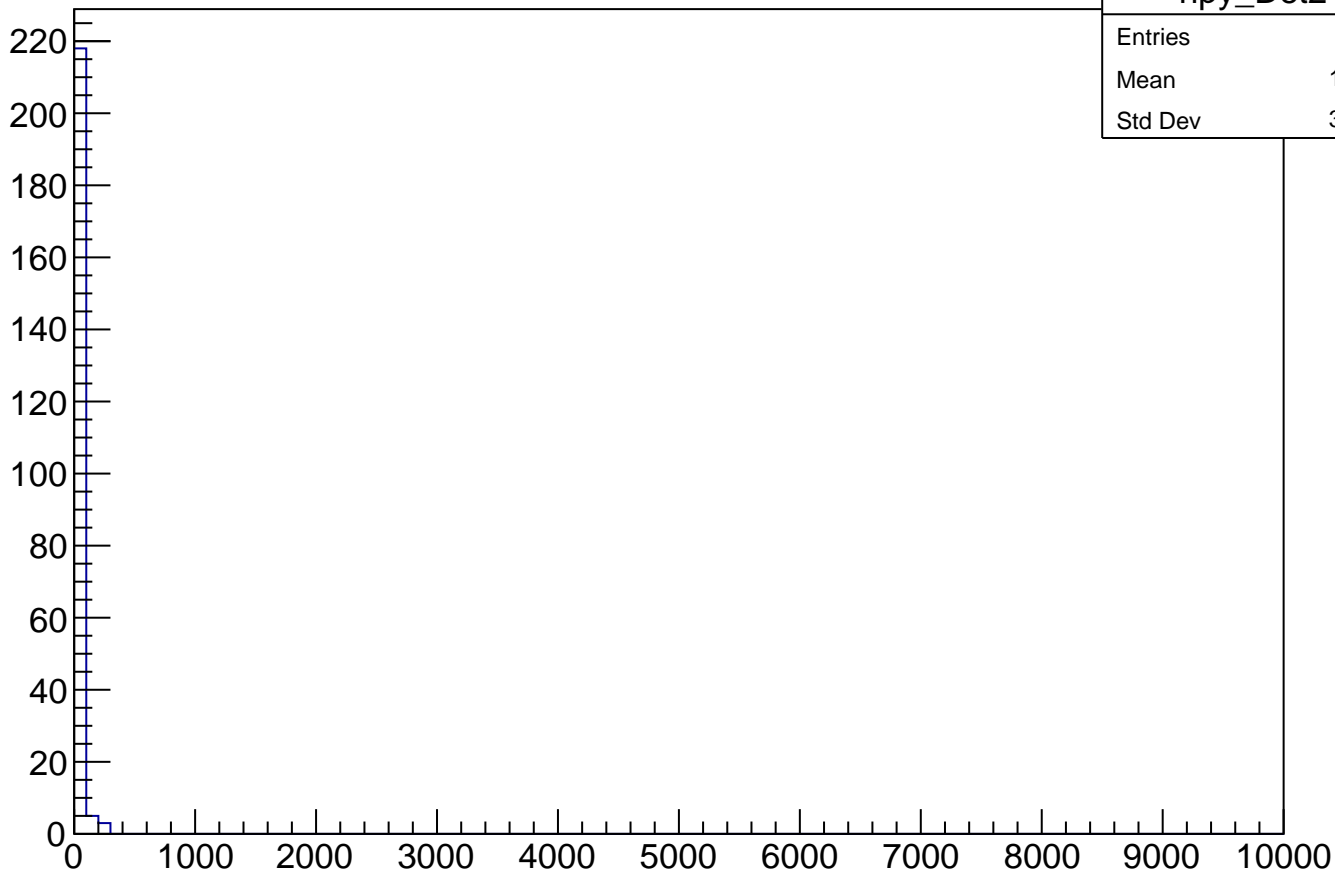
hy_Det2



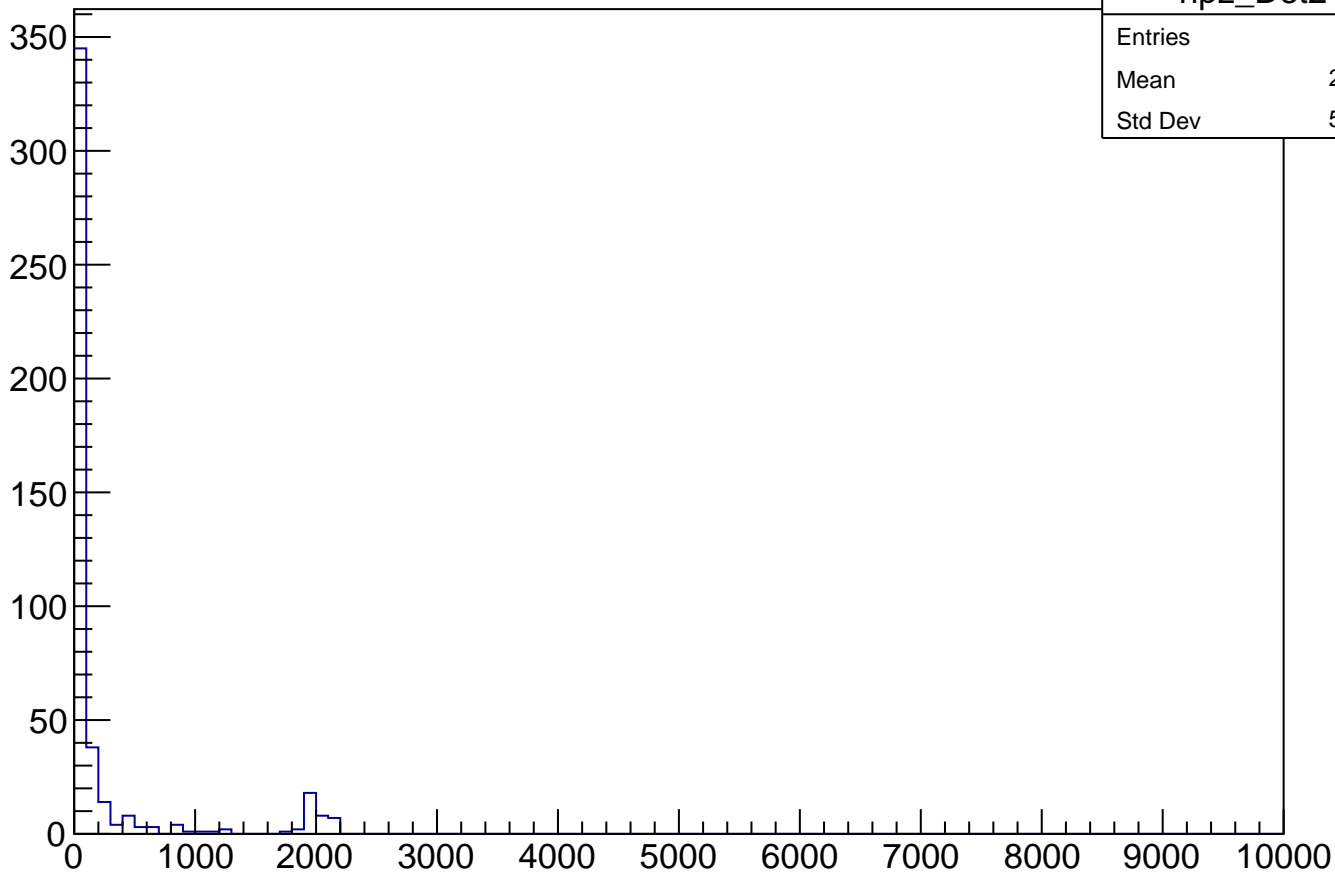
hpx_Det2



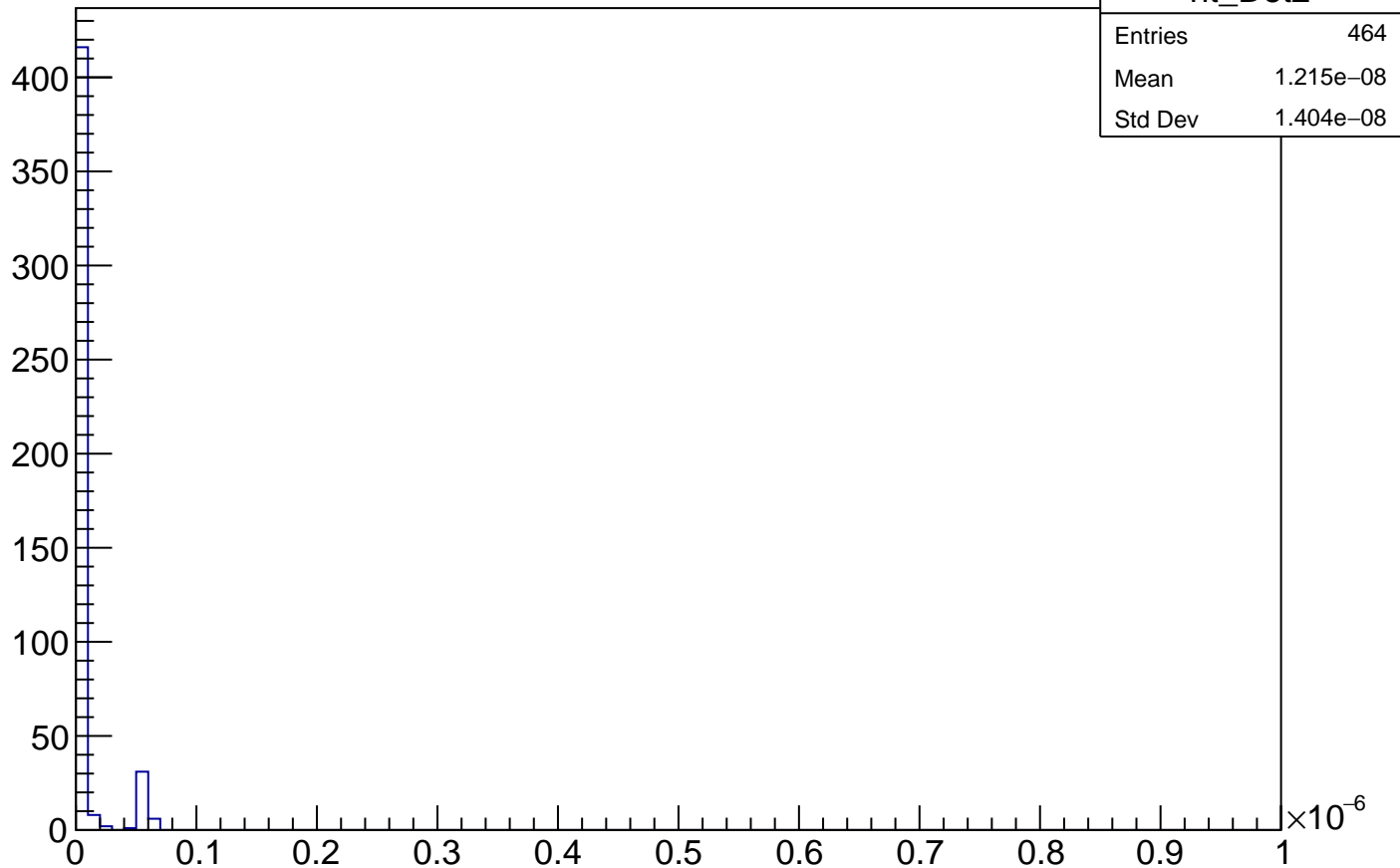
hpy_Det2



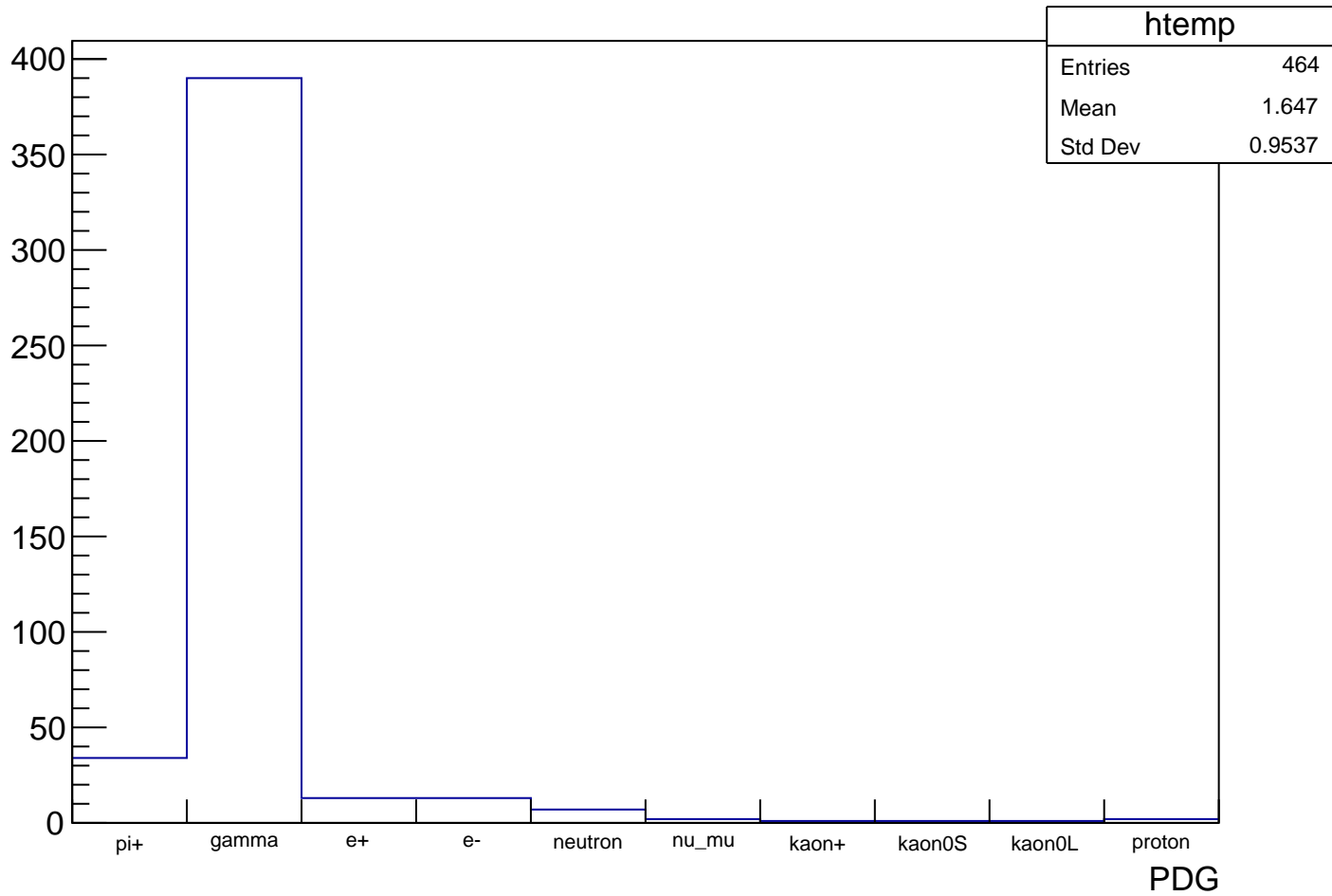
hpz_Det2



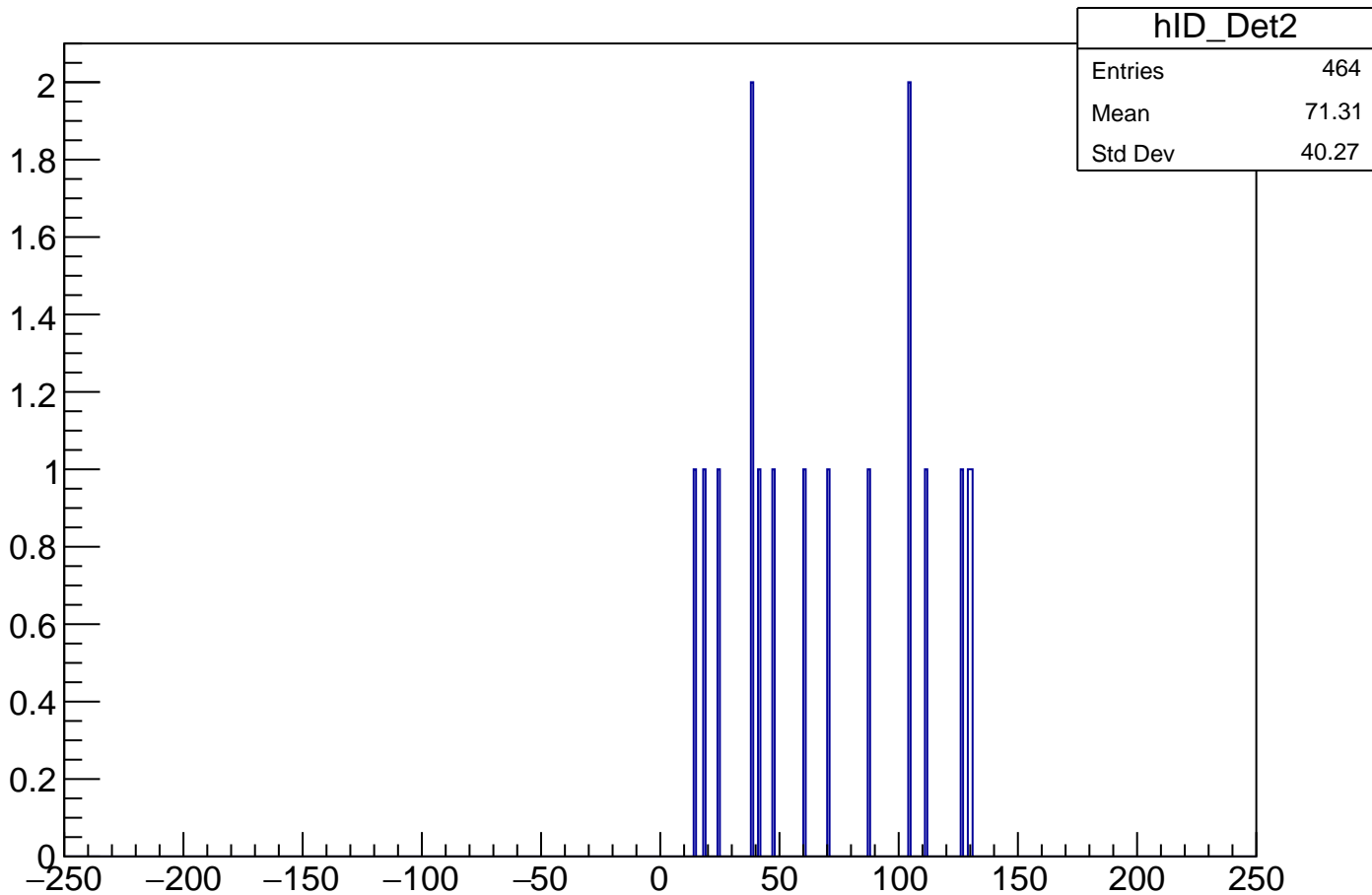
ht_Det2



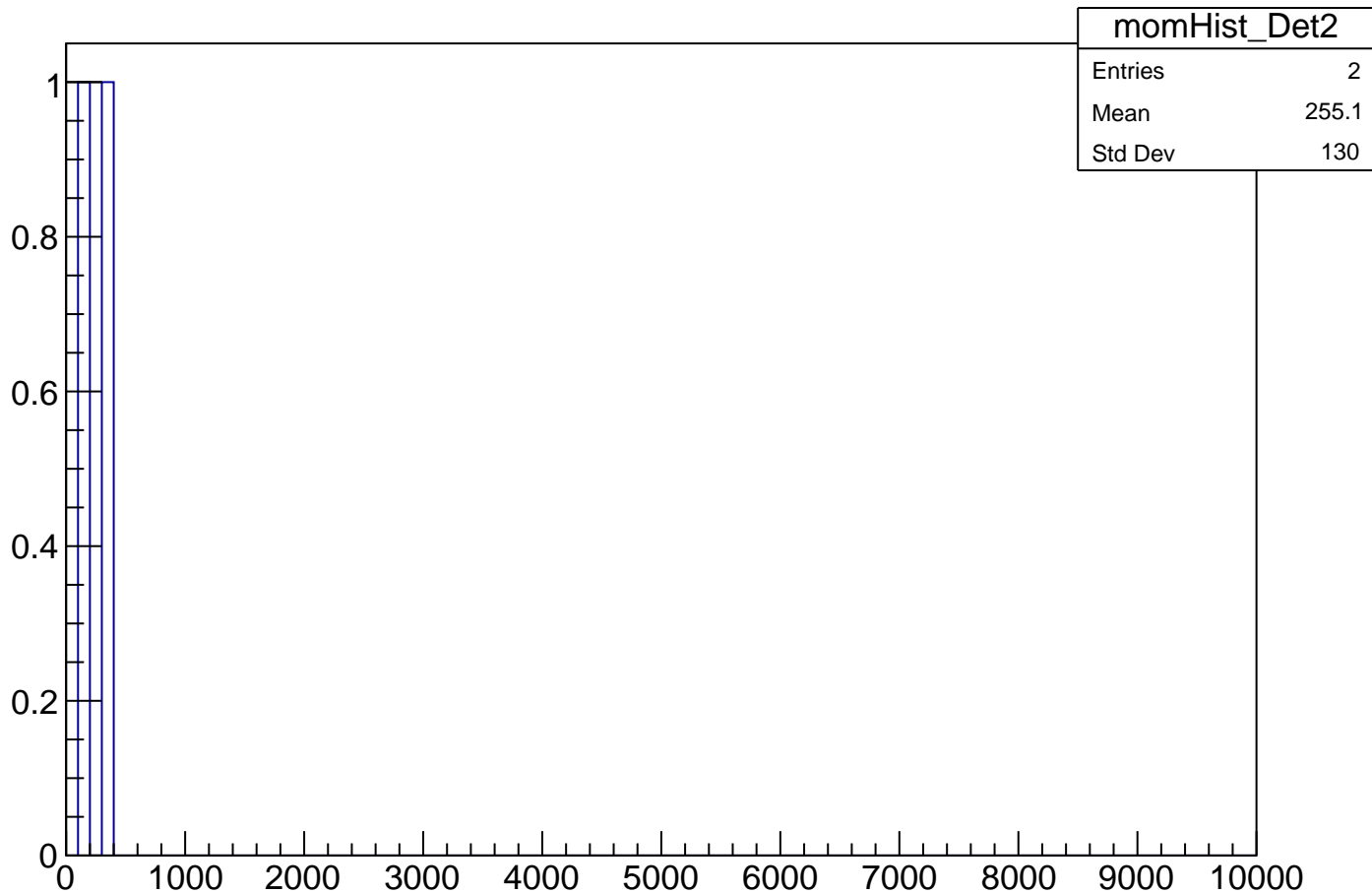
PDG



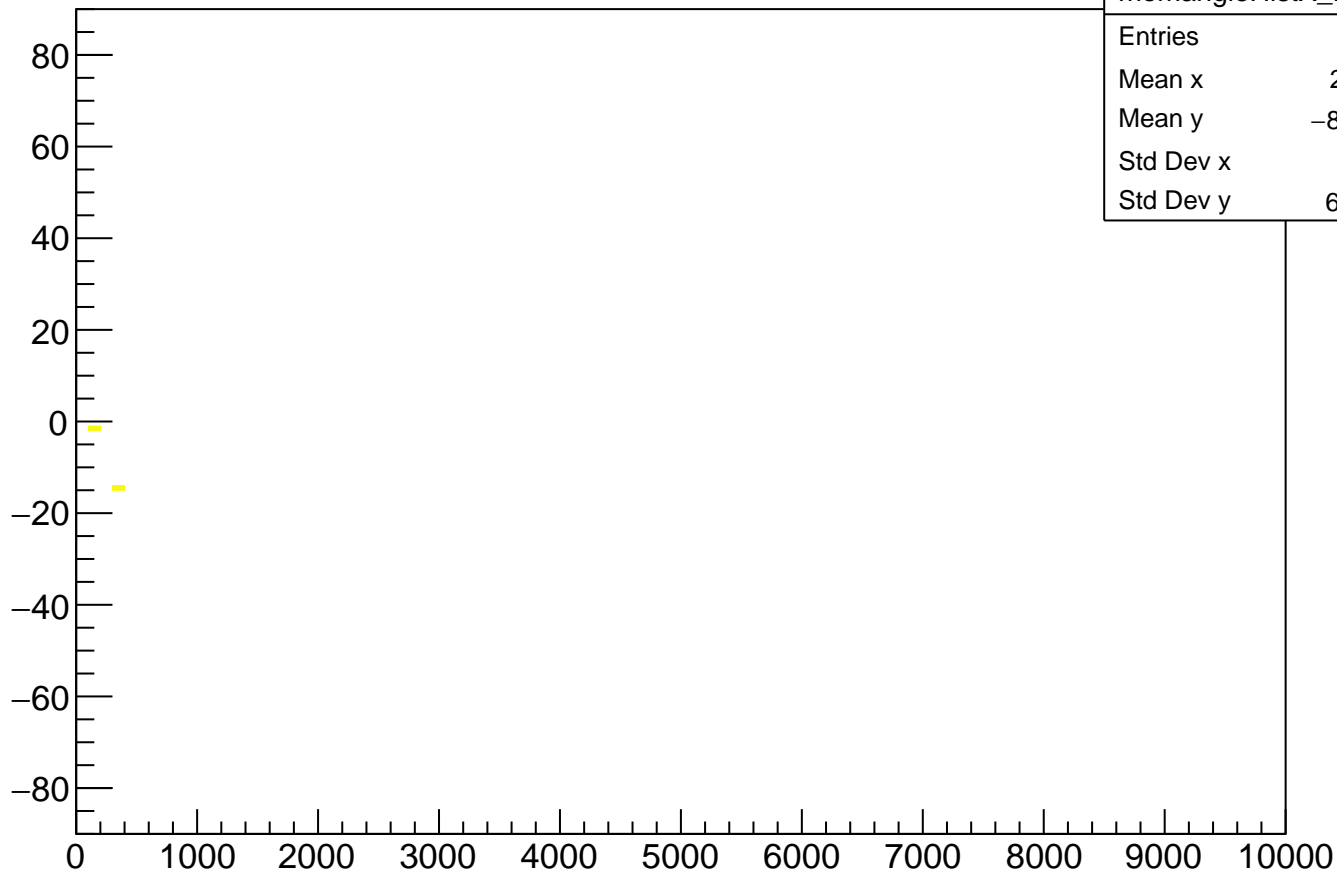
hID_Det2



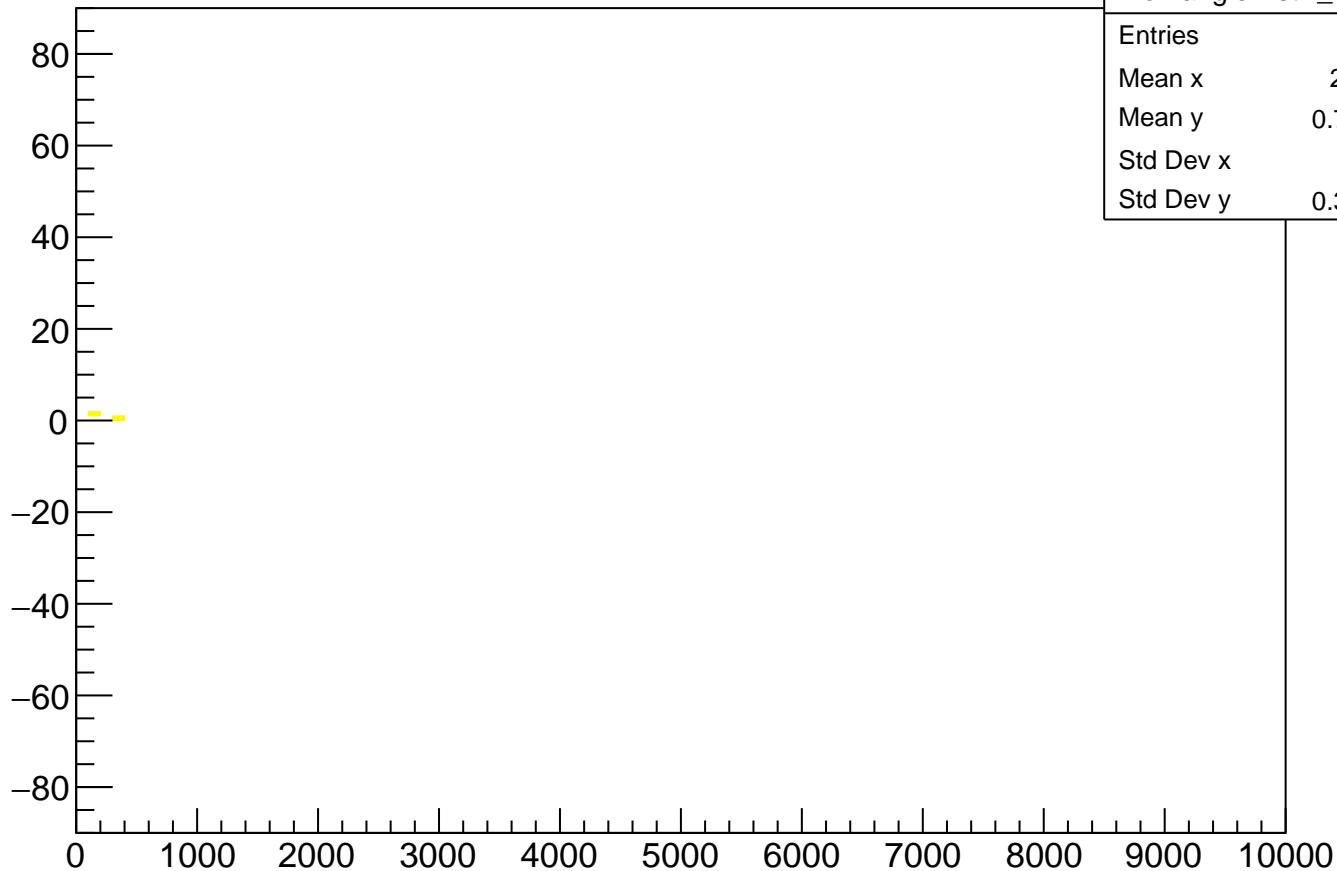
momHist_Det2



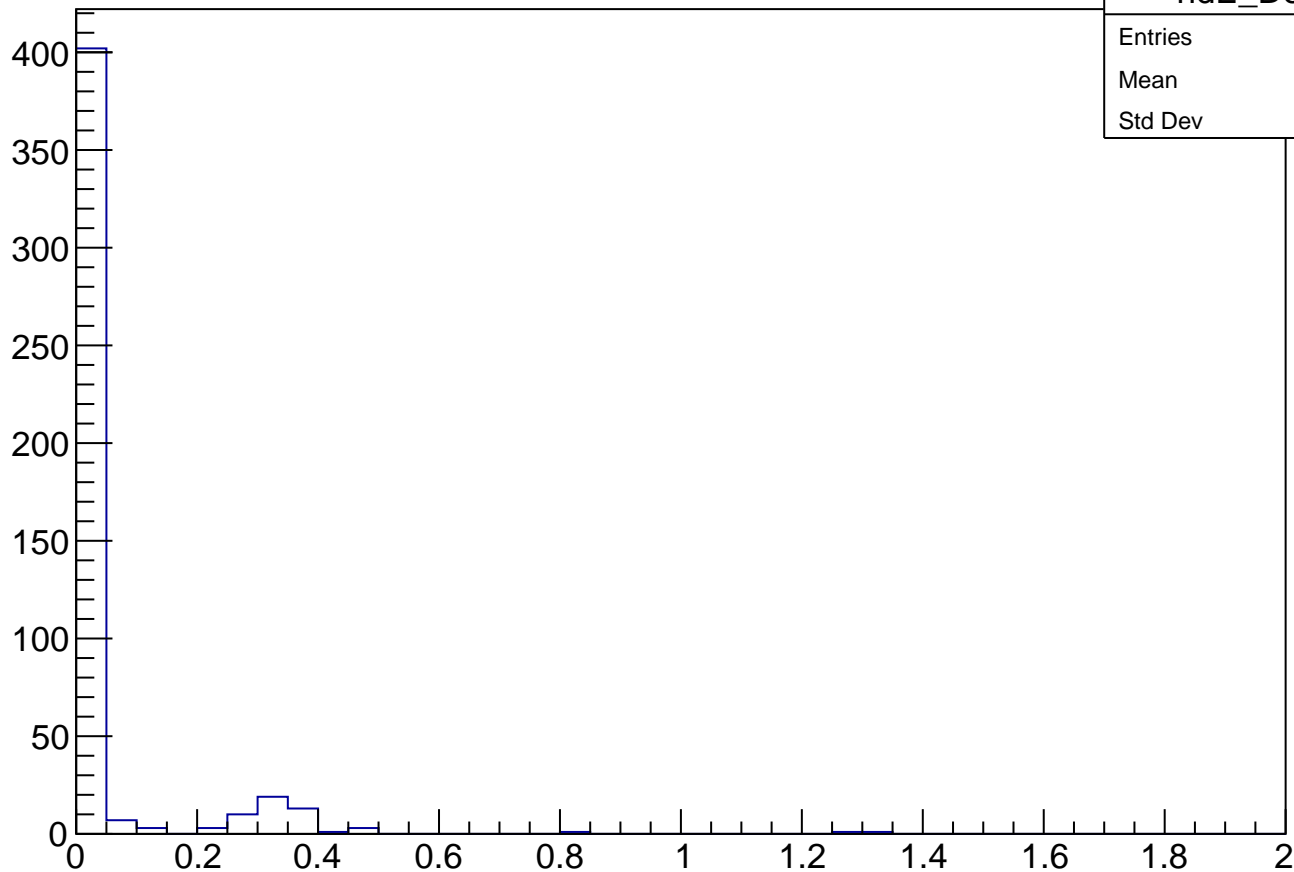
momangleHistX_Det2



momangleHistY_Det2



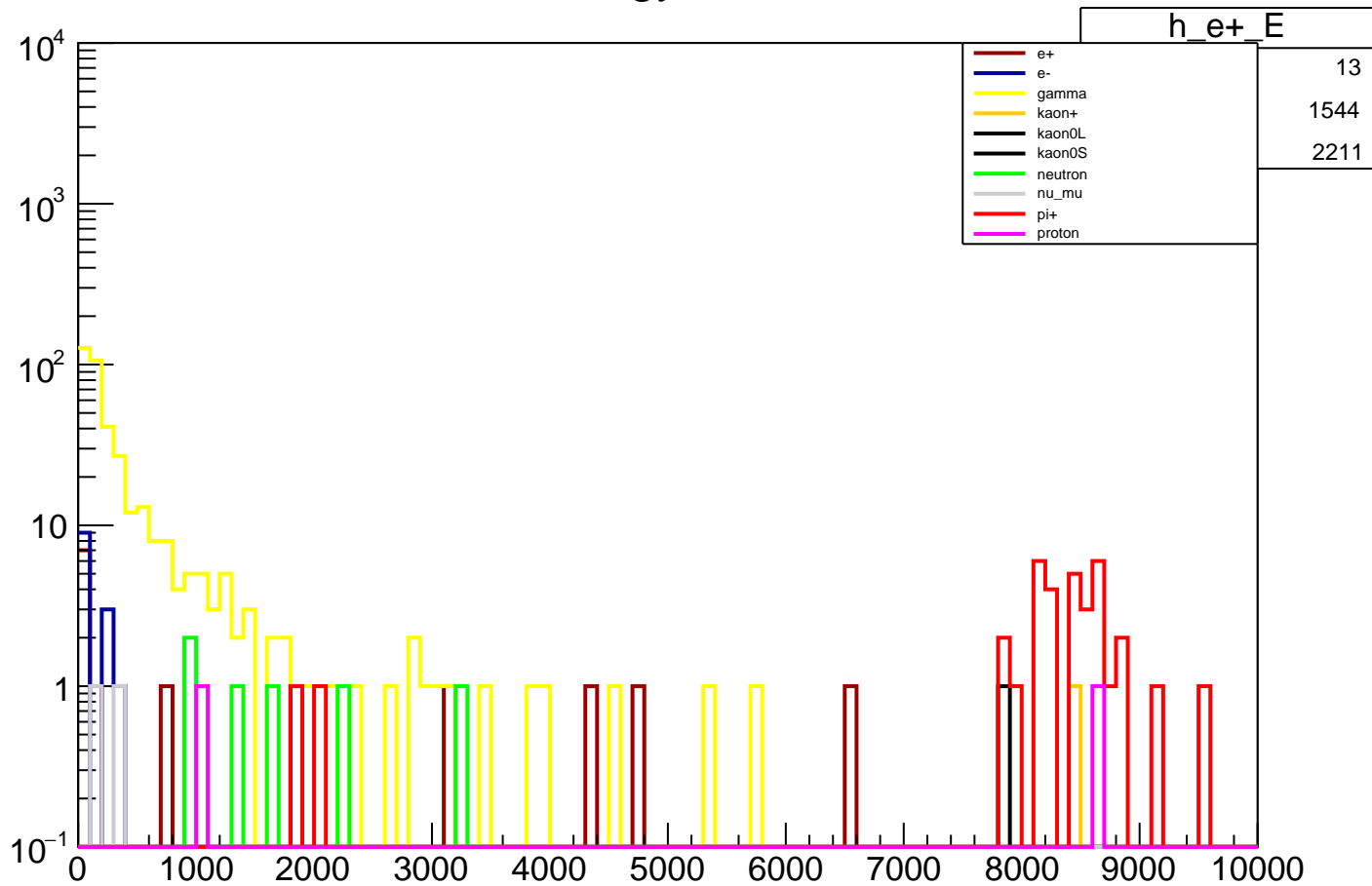
hdE_Det2



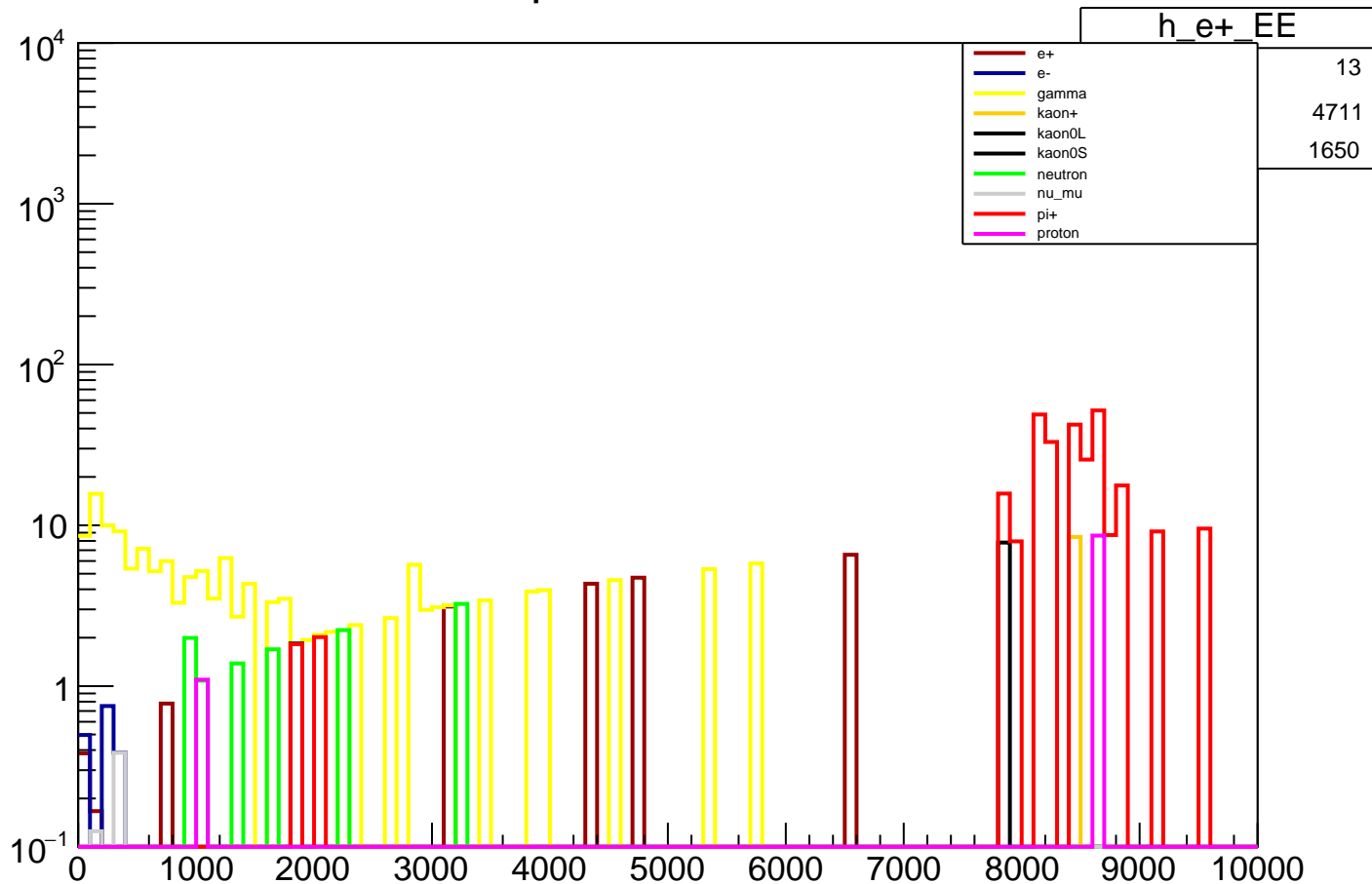
hdE_Det2

Entries	464
Mean	0.04426
Std Dev	0.138

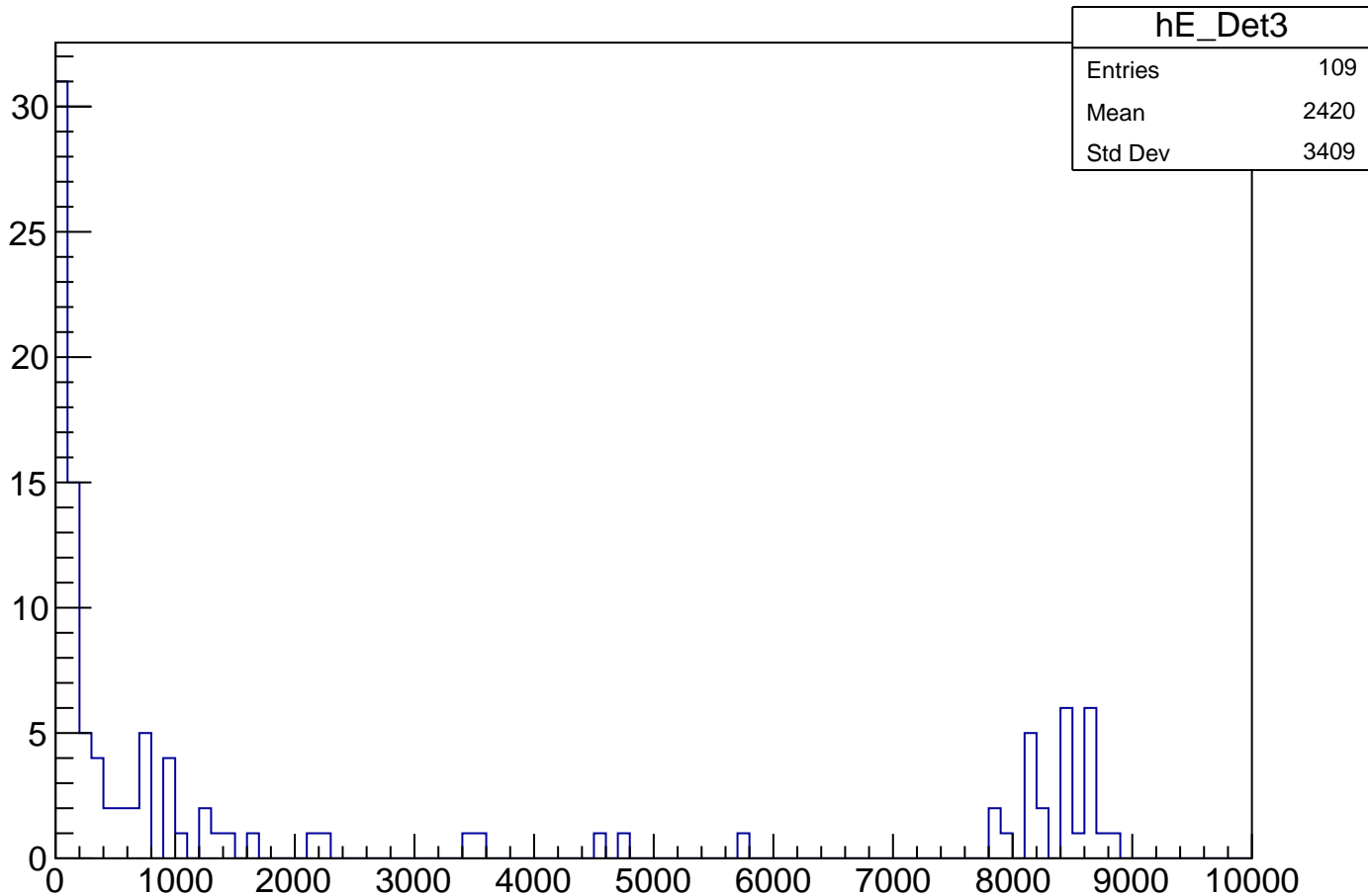
Energy_Det2



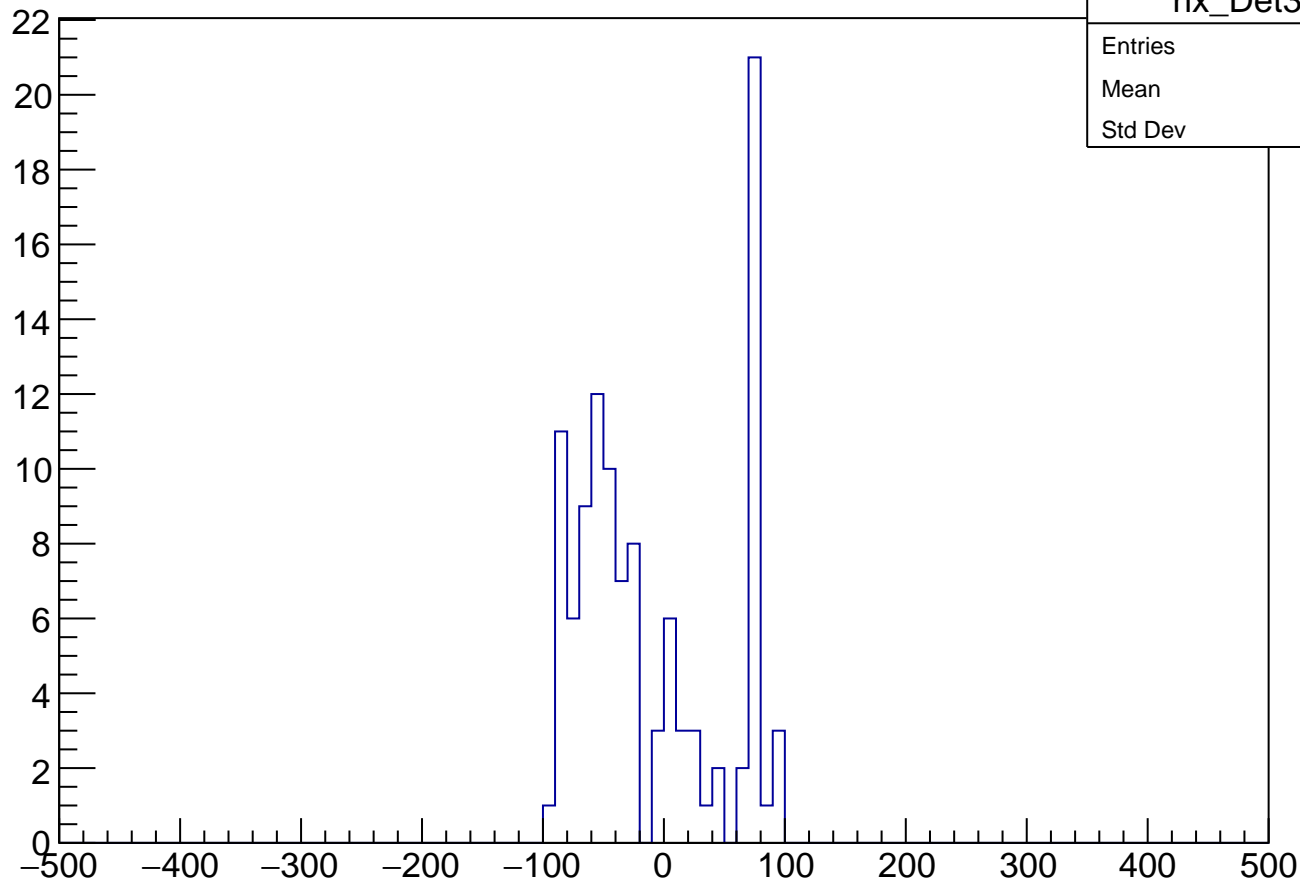
Spectrum_Det2



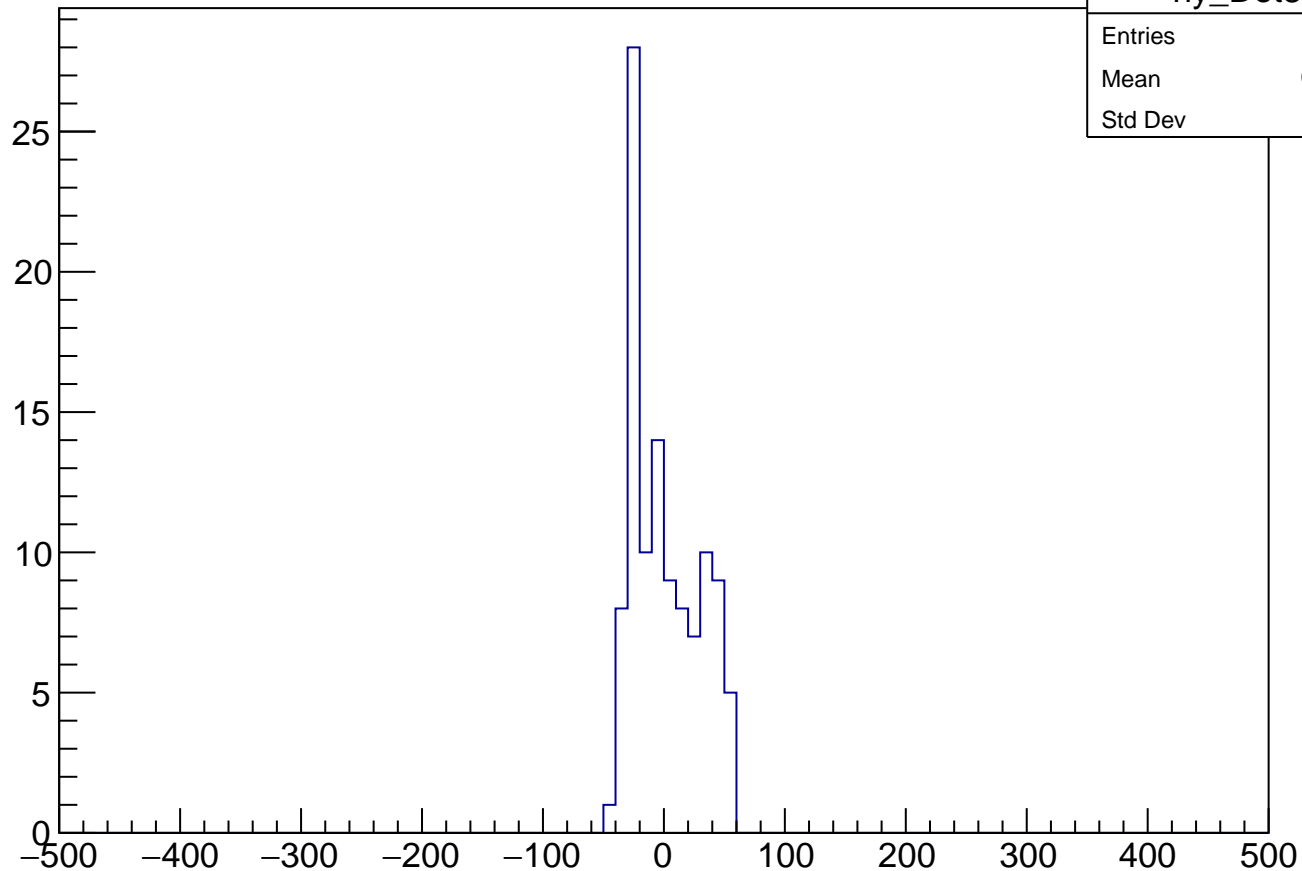
hE_Det3



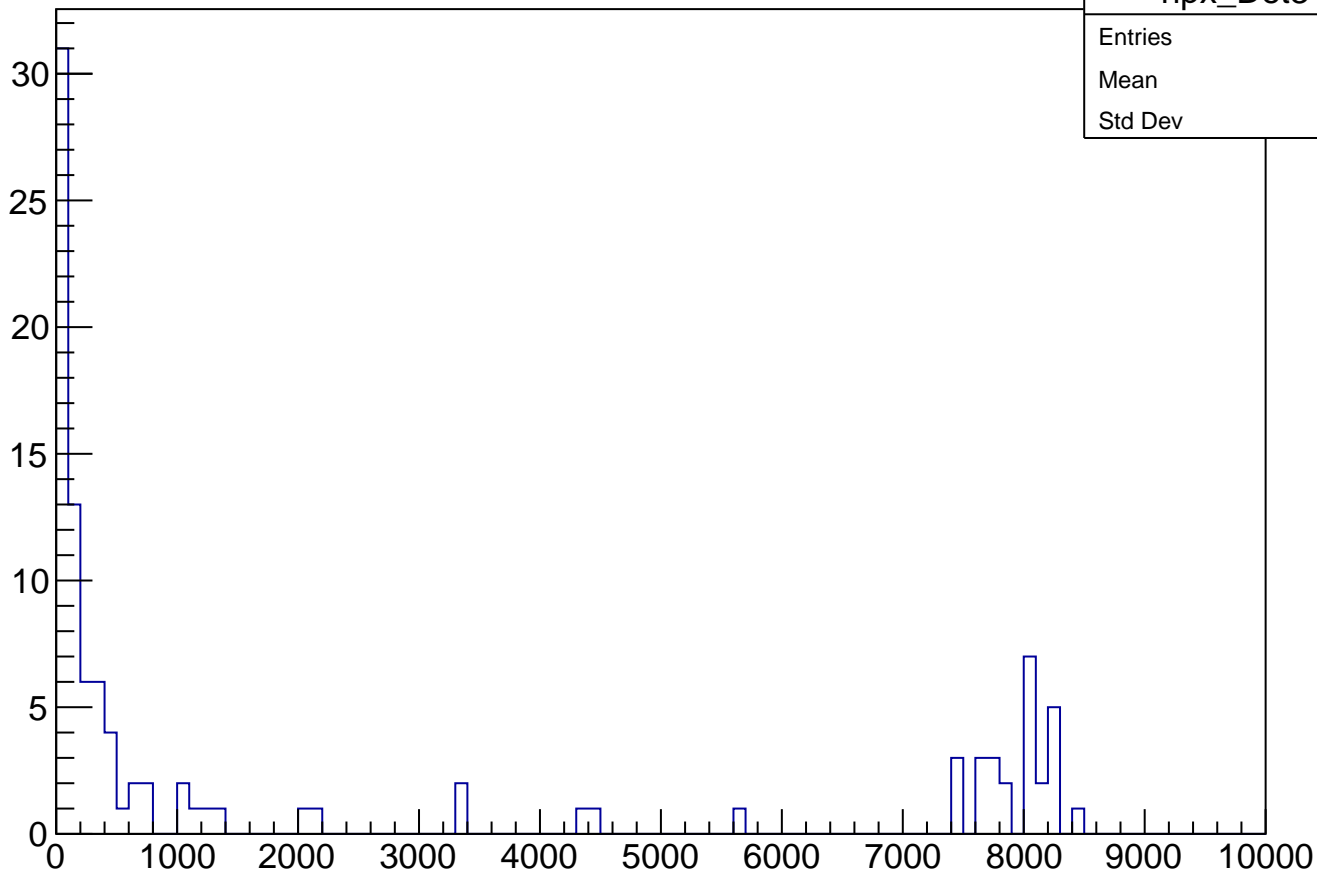
hx_Det3



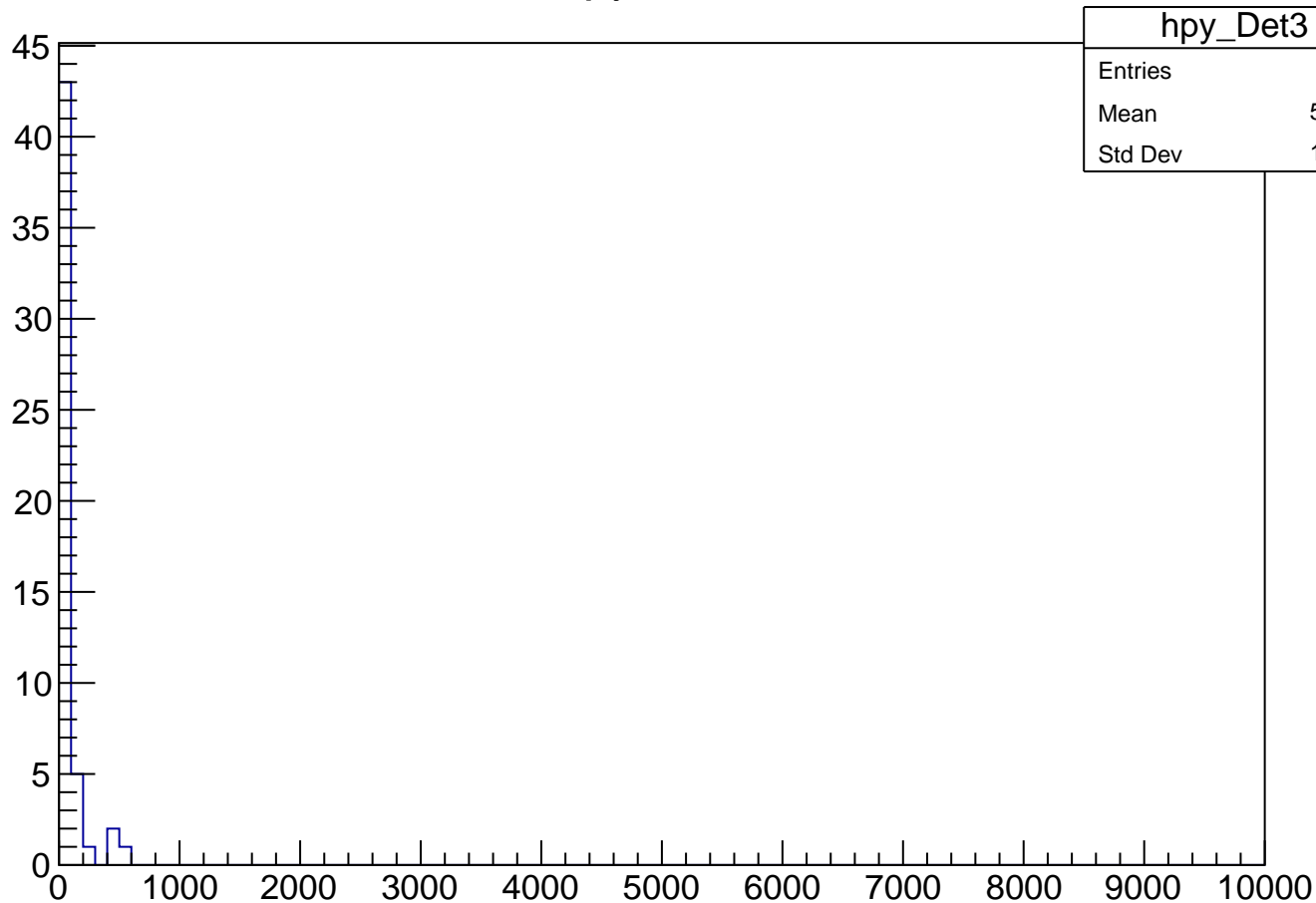
hy_Det3



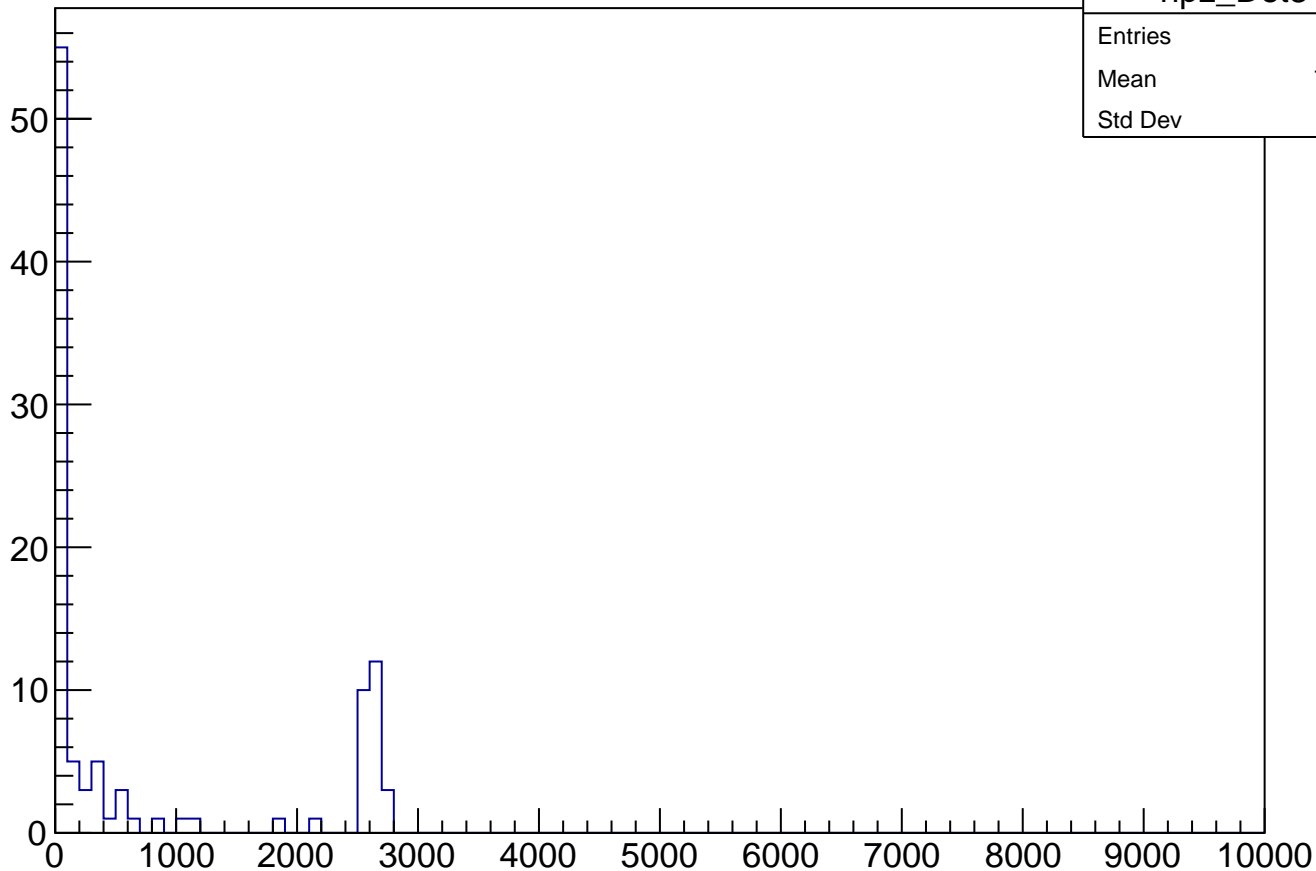
hpx_Det3



hpy_Det3

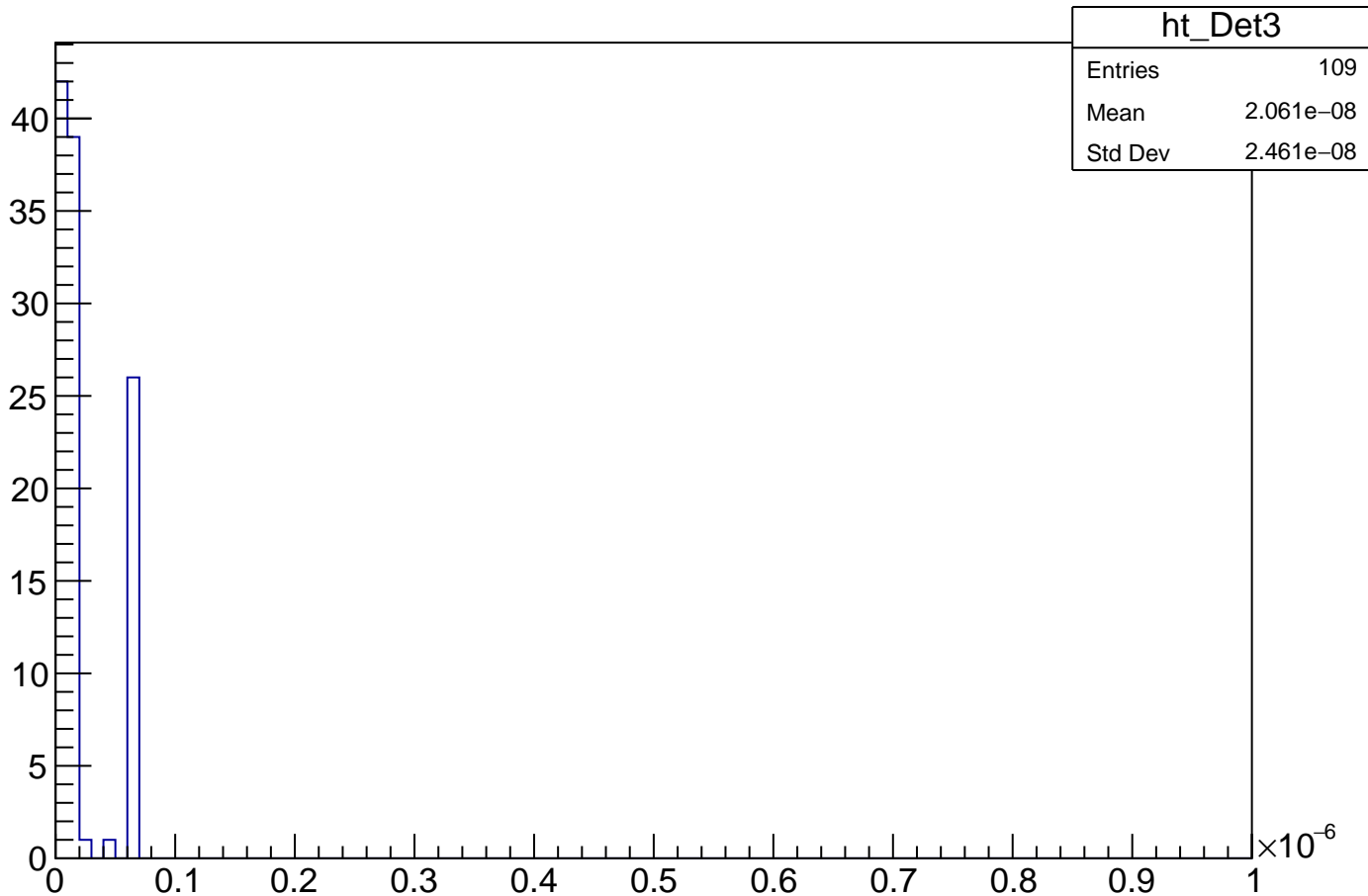


hpz_Det3

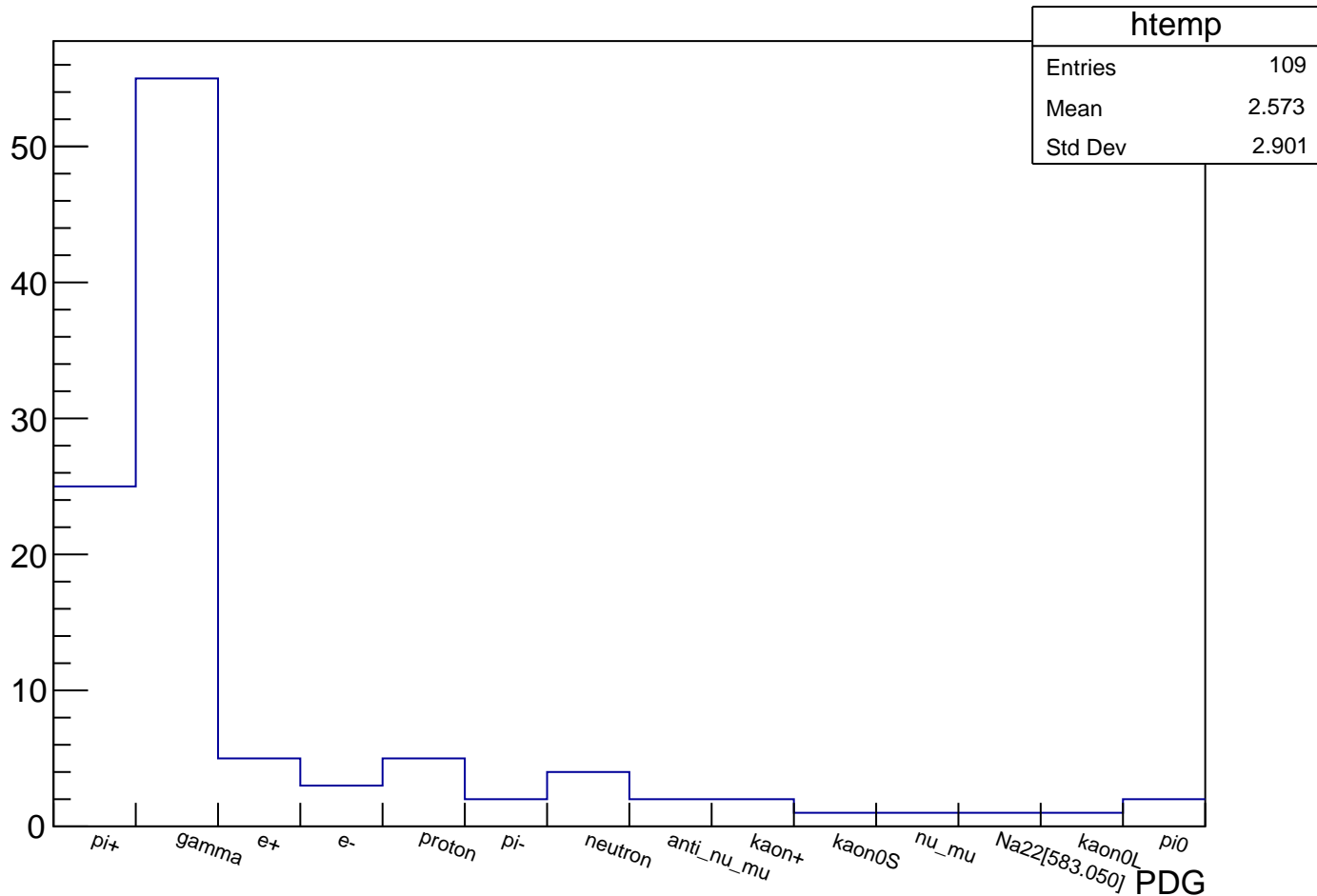


hpz_Det3	
Entries	109
Mean	777.1
Std Dev	1097

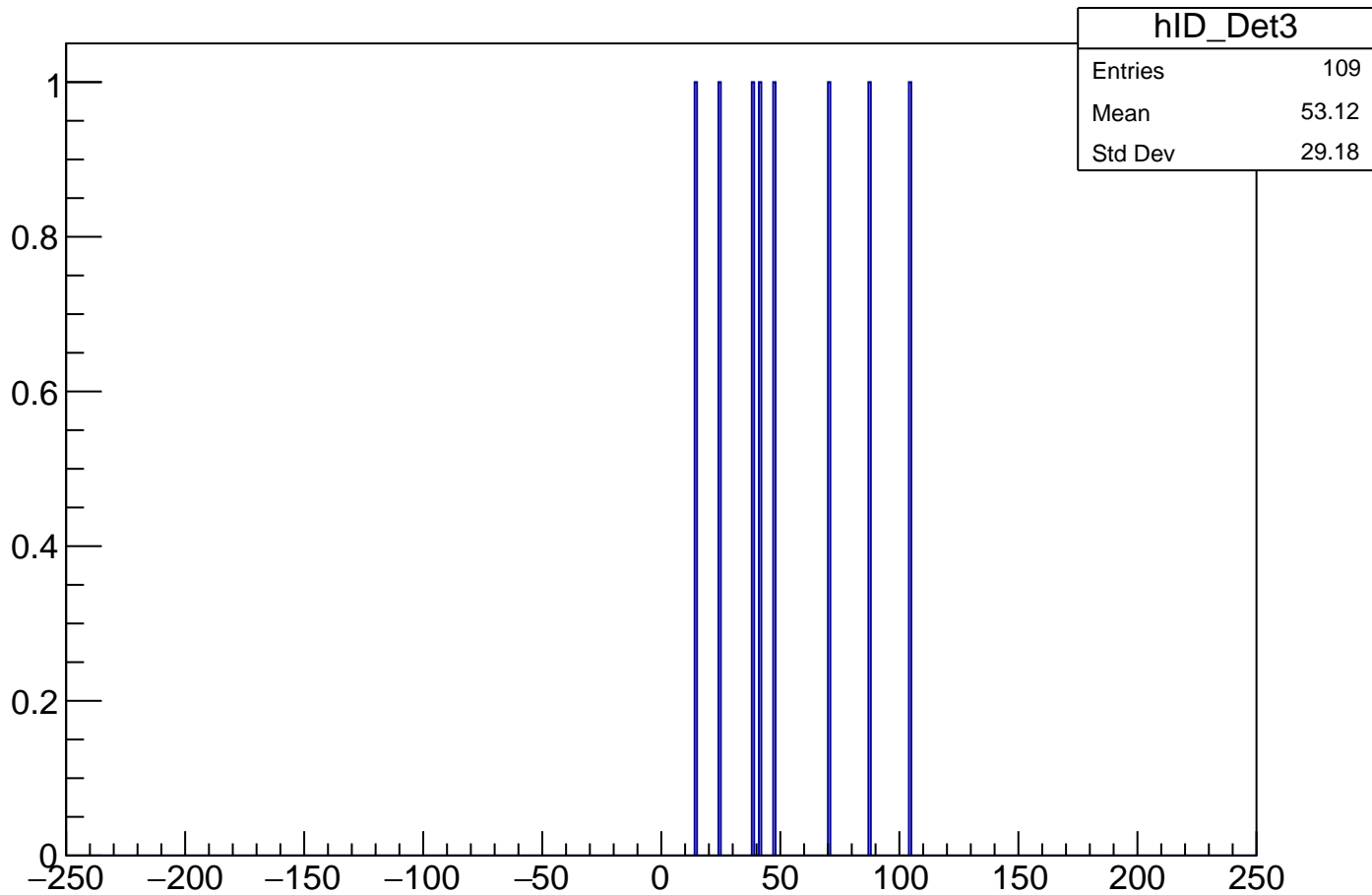
ht_Det3



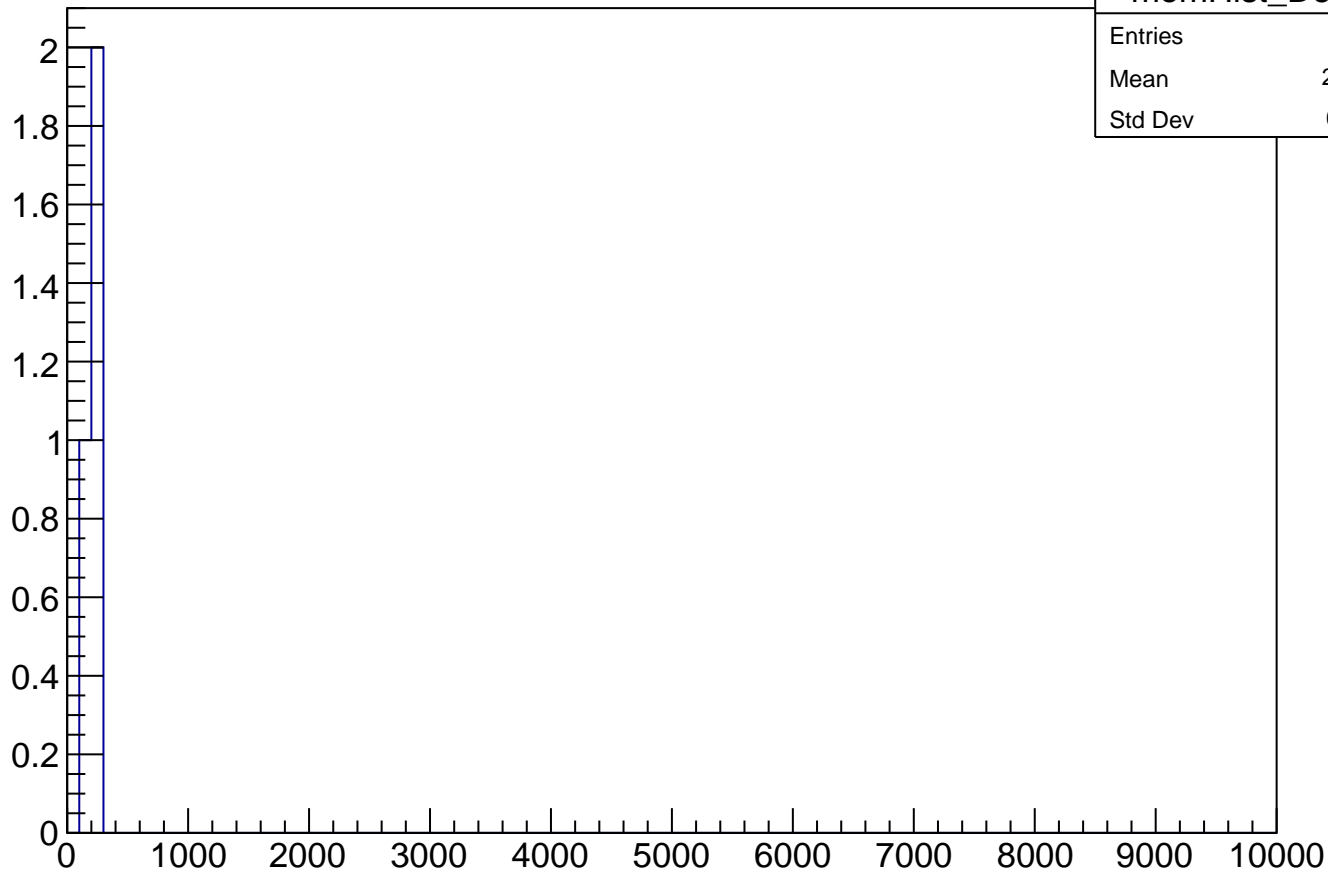
PDG



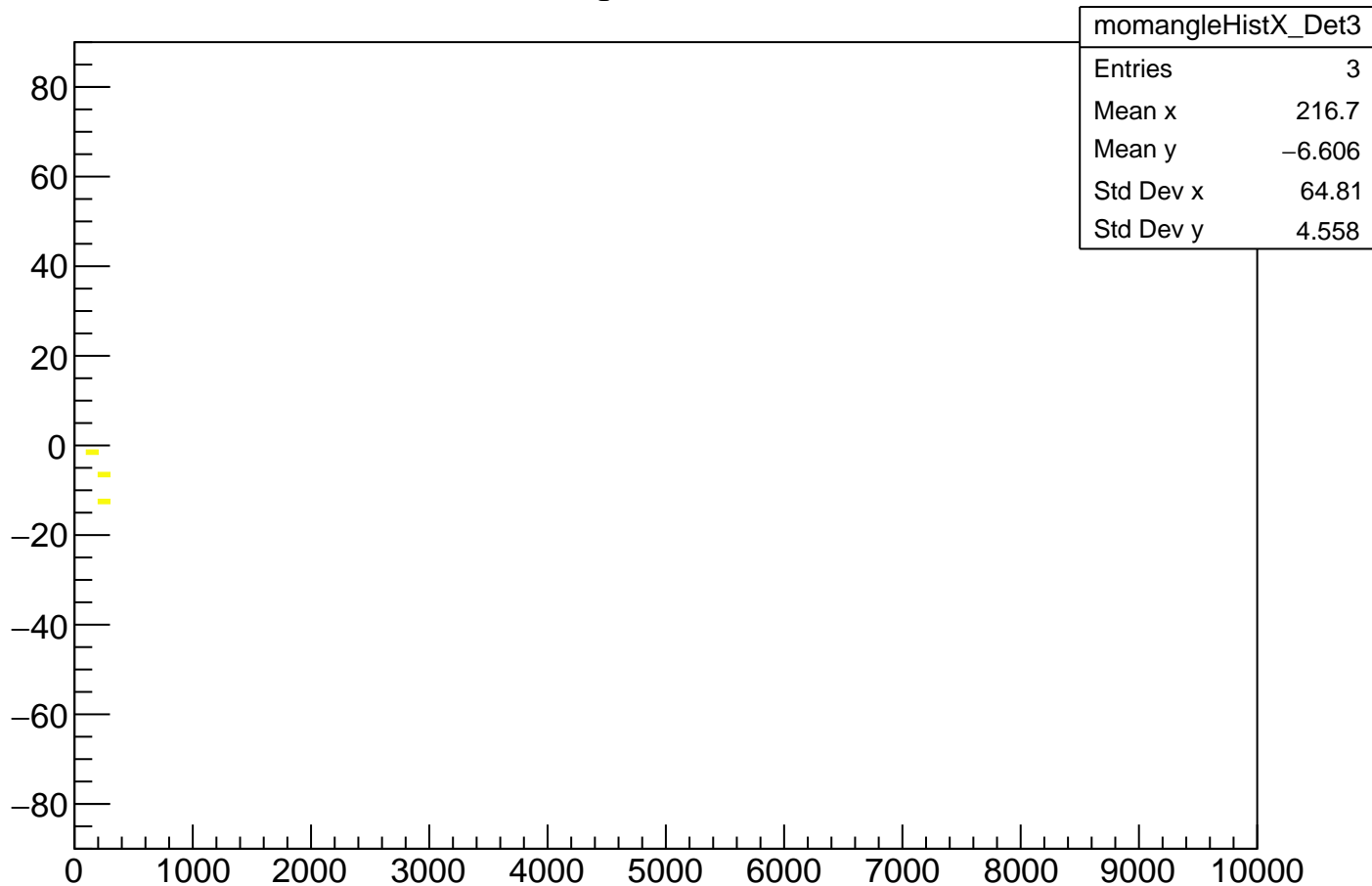
hID_Det3



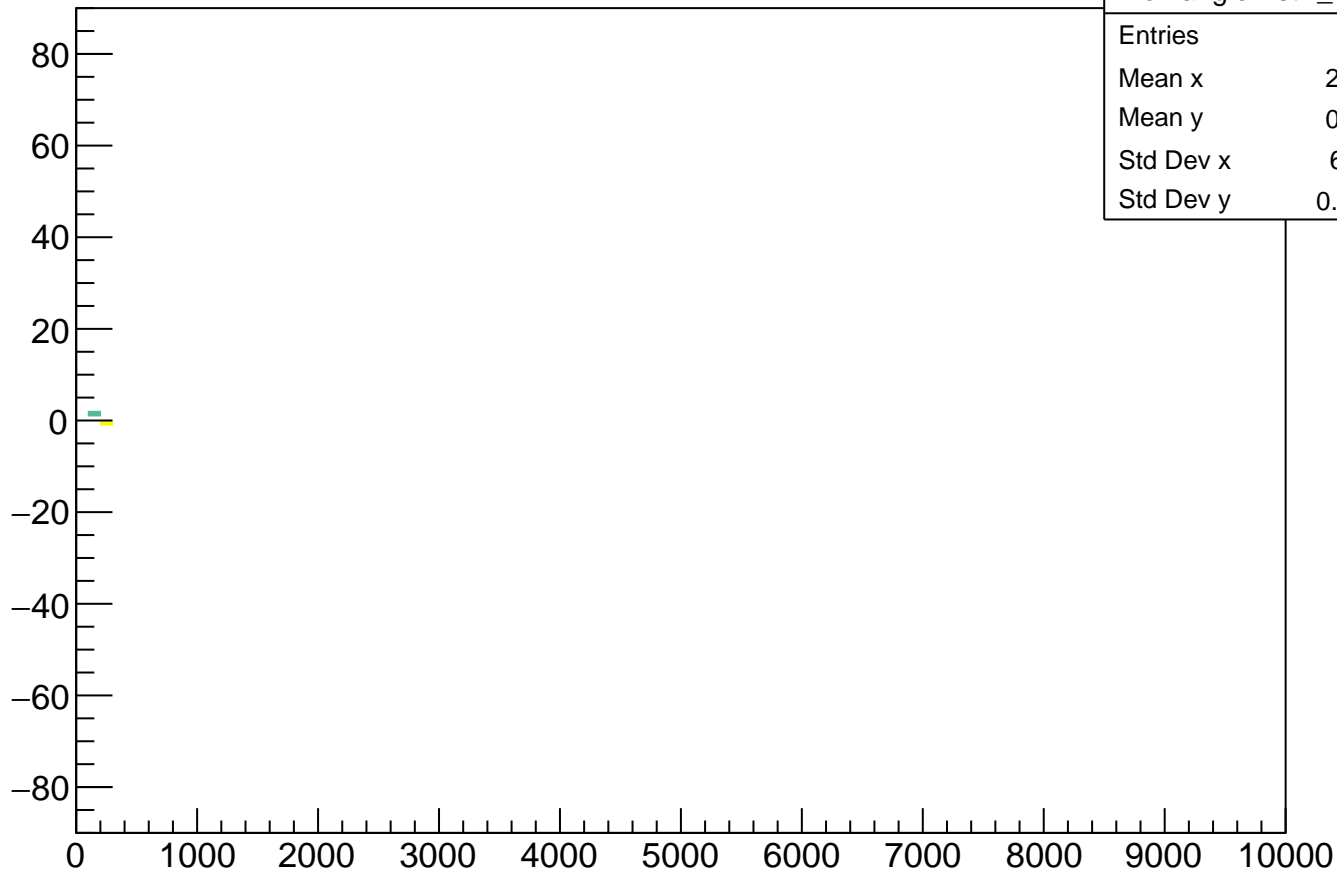
momHist_Det3



momangleHistX_Det3

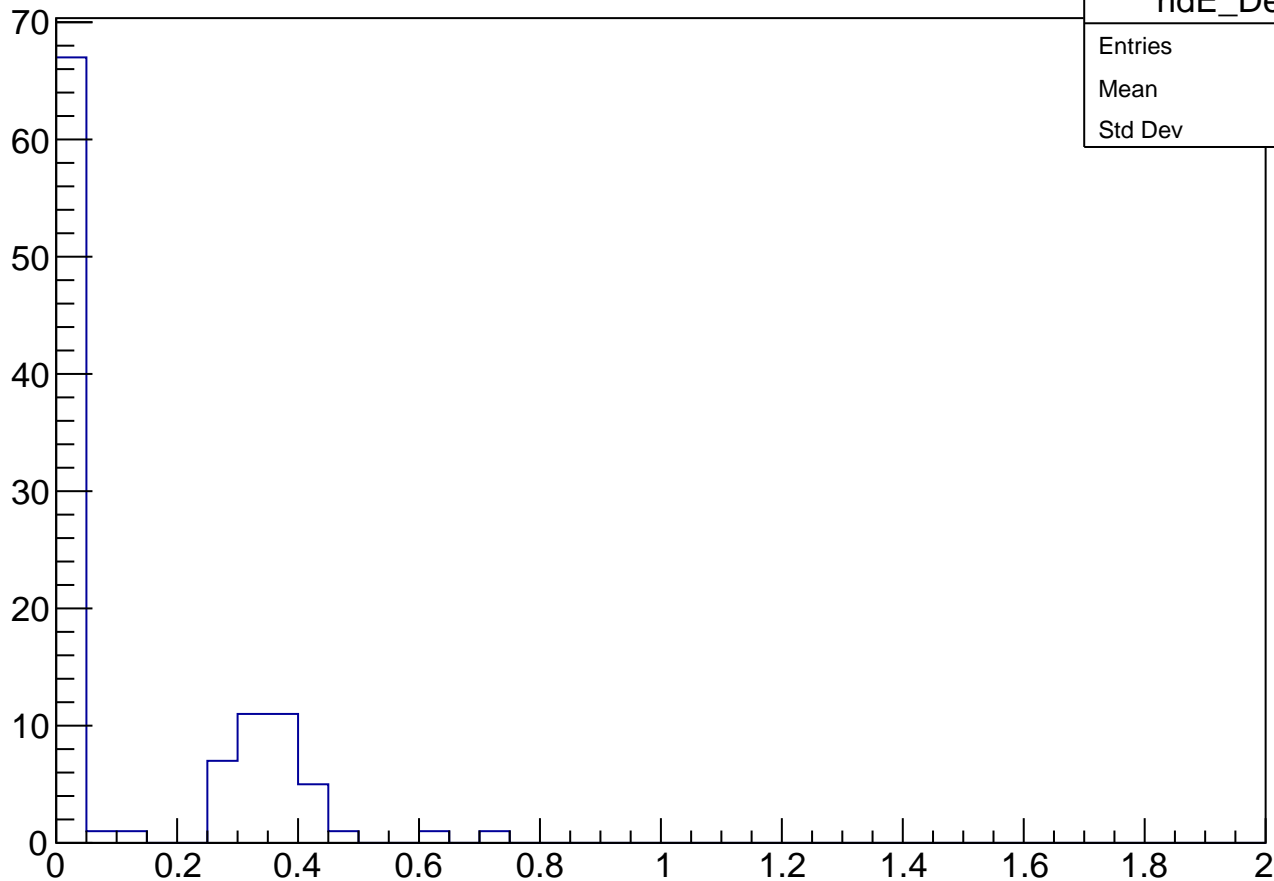


momangleHistY_Det3



momangleHistY_Det3	
Entries	3
Mean x	216.7
Mean y	0.248
Std Dev x	64.81
Std Dev y	0.5761

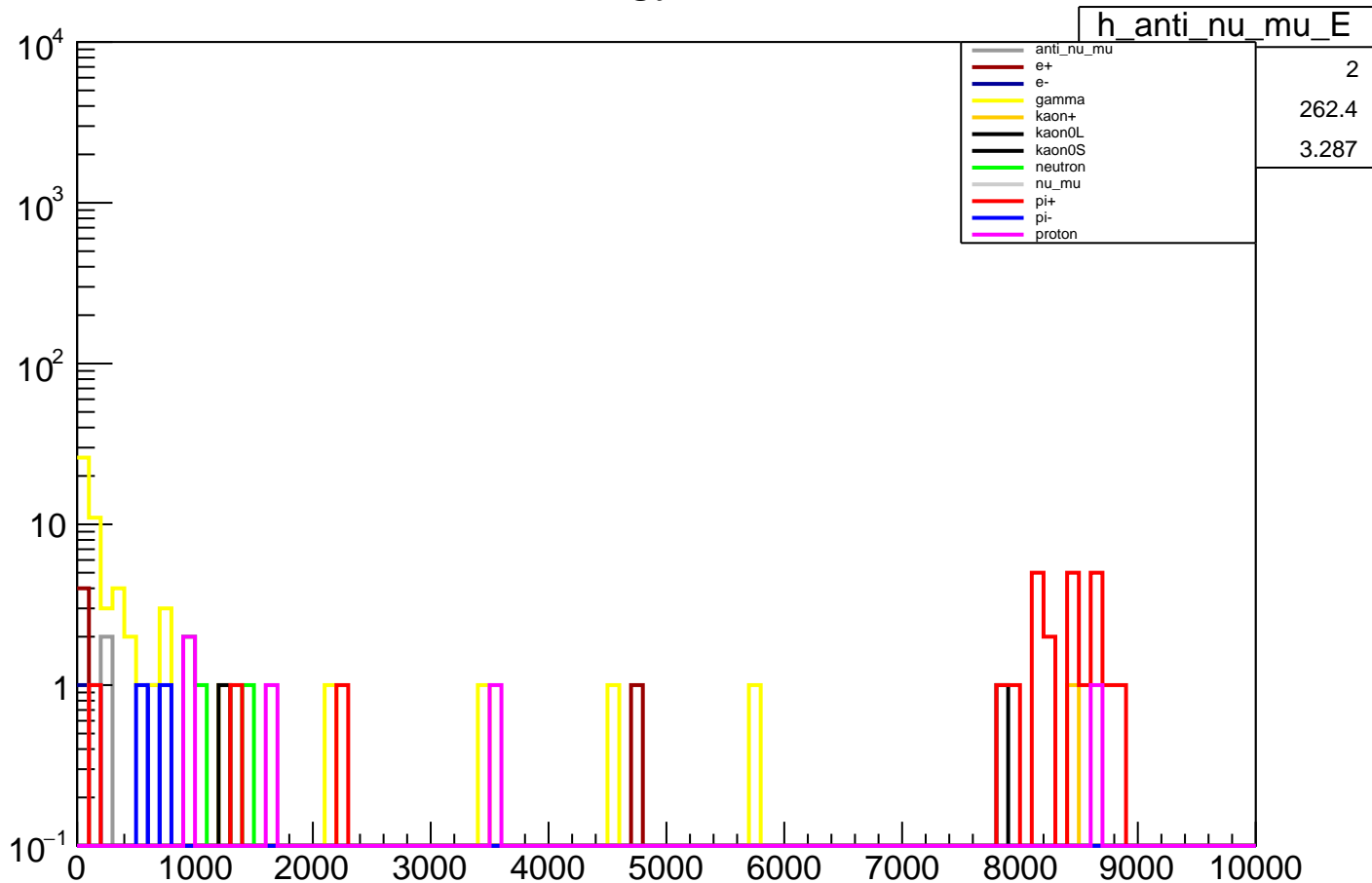
hdE_Det3



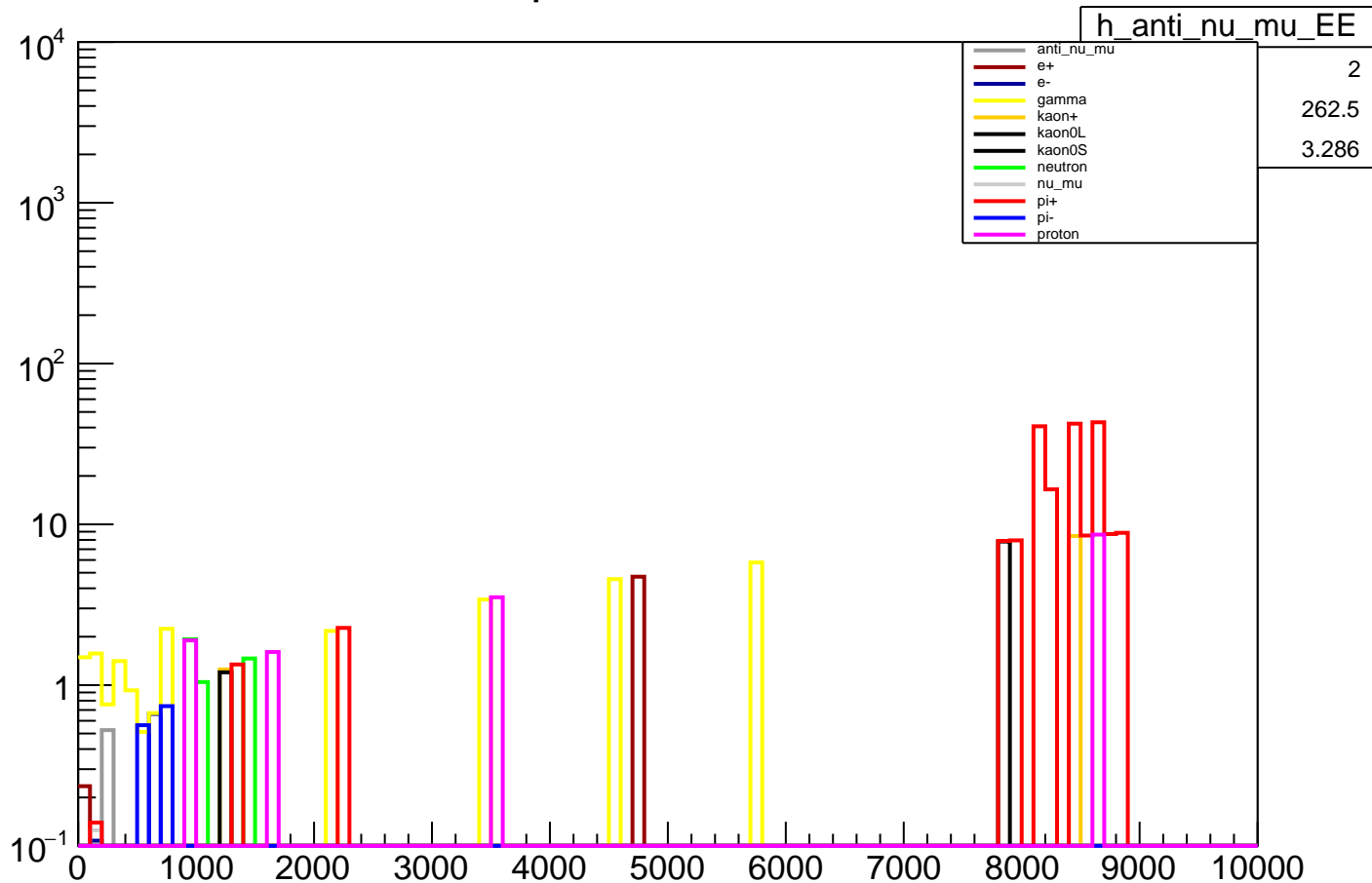
hdE_Det3

Entries	109
Mean	0.131
Std Dev	0.1823

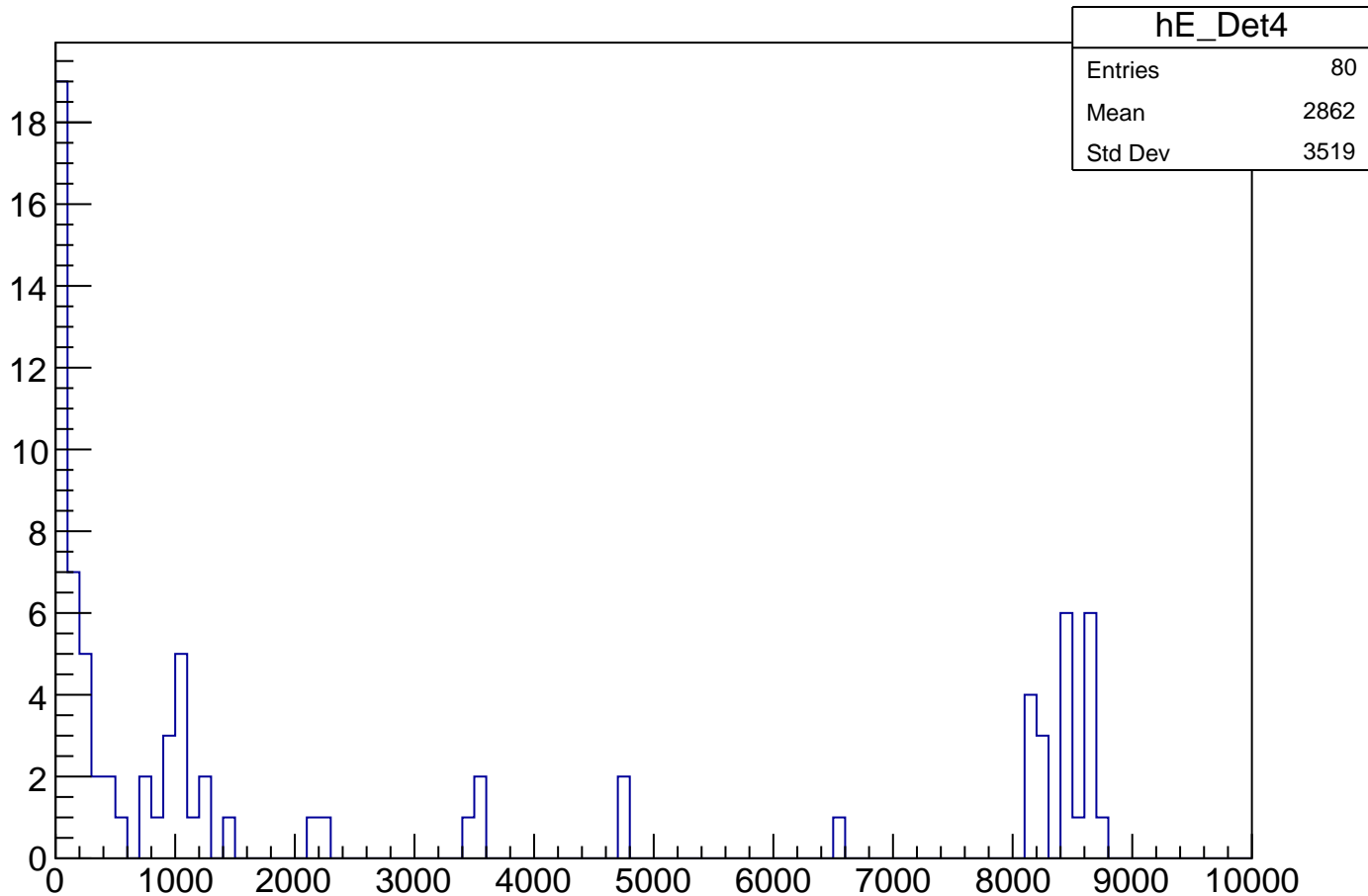
Energy_Det3



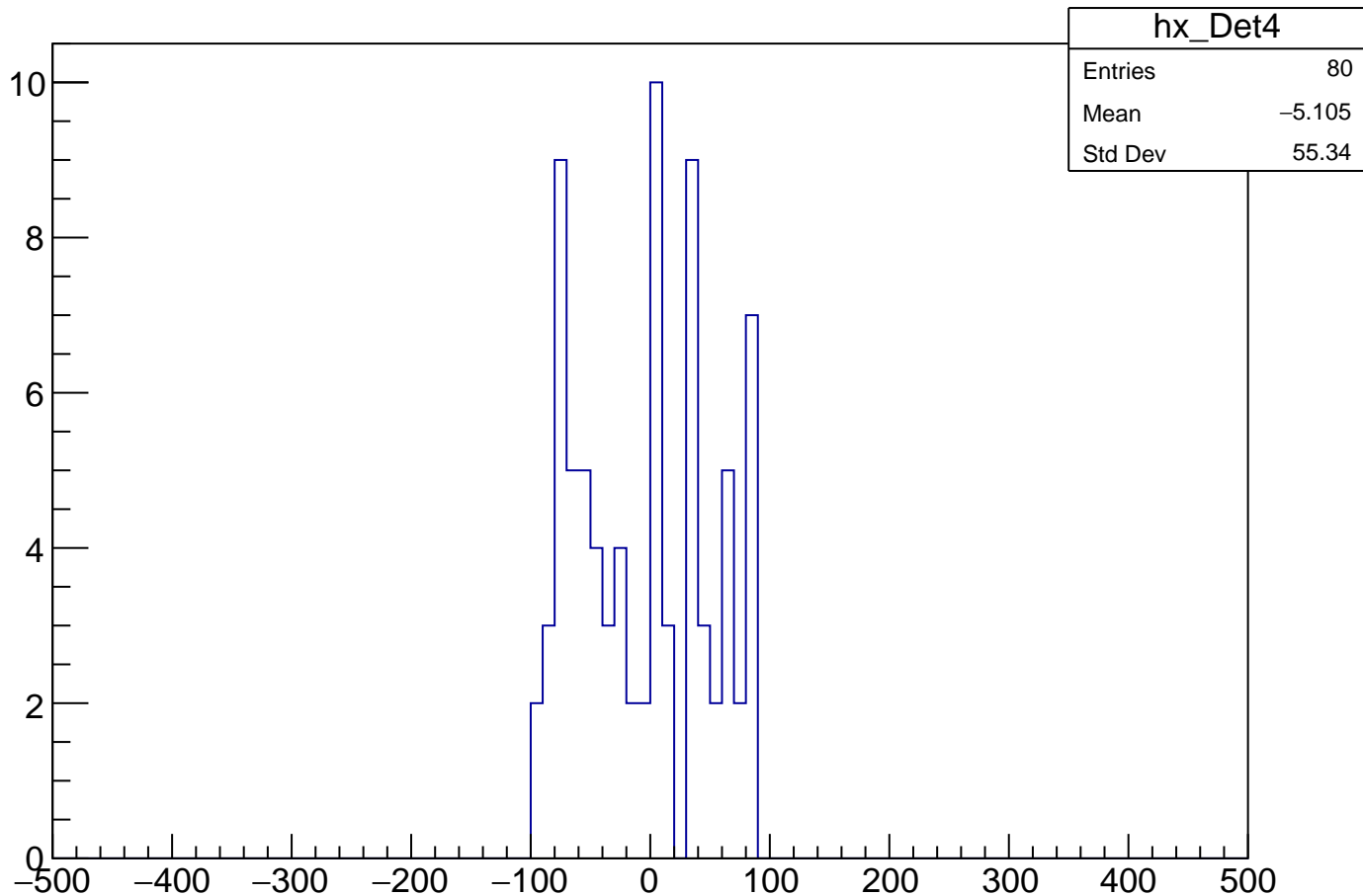
Spectrum_Det3



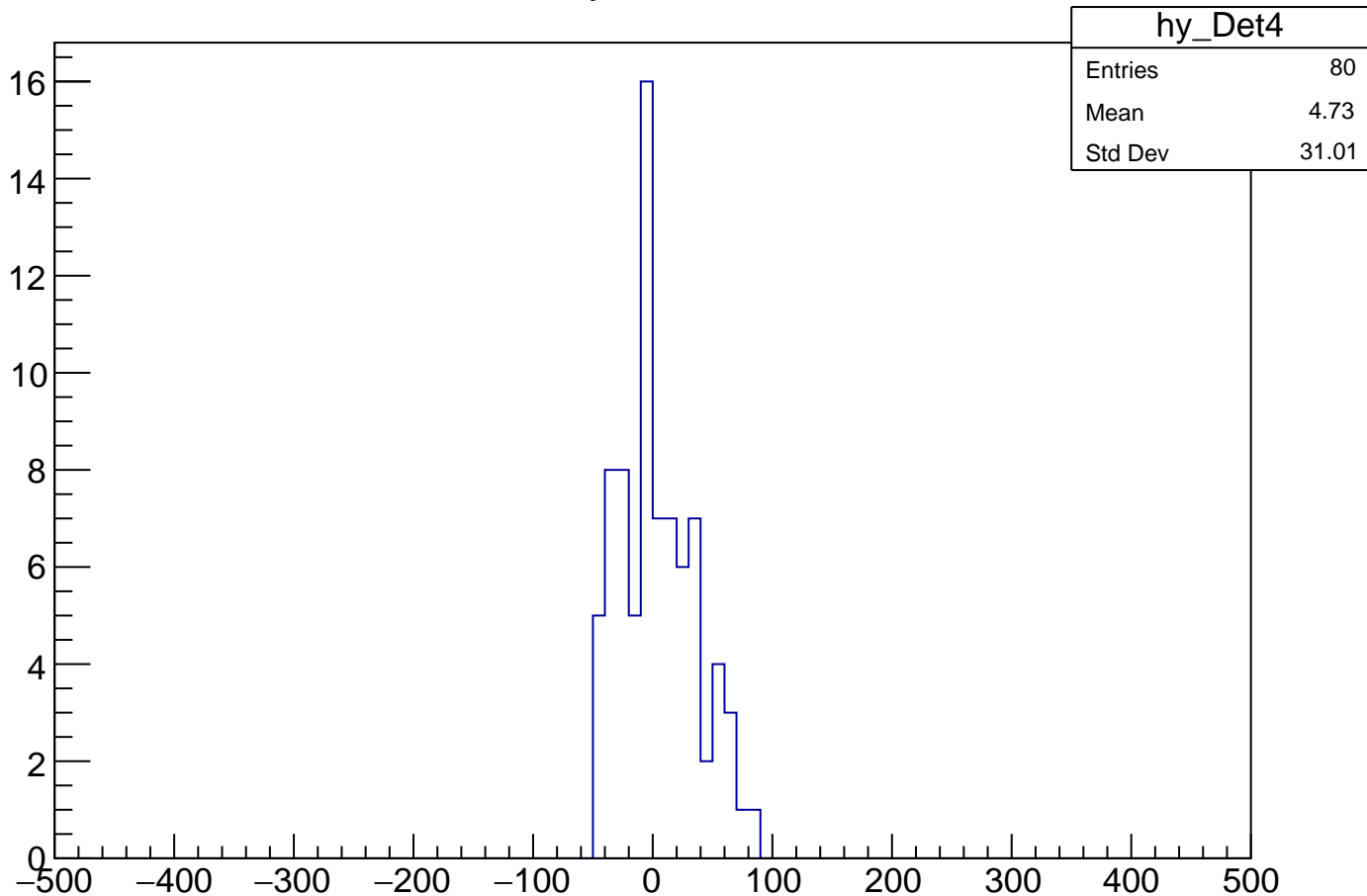
hE_Det4



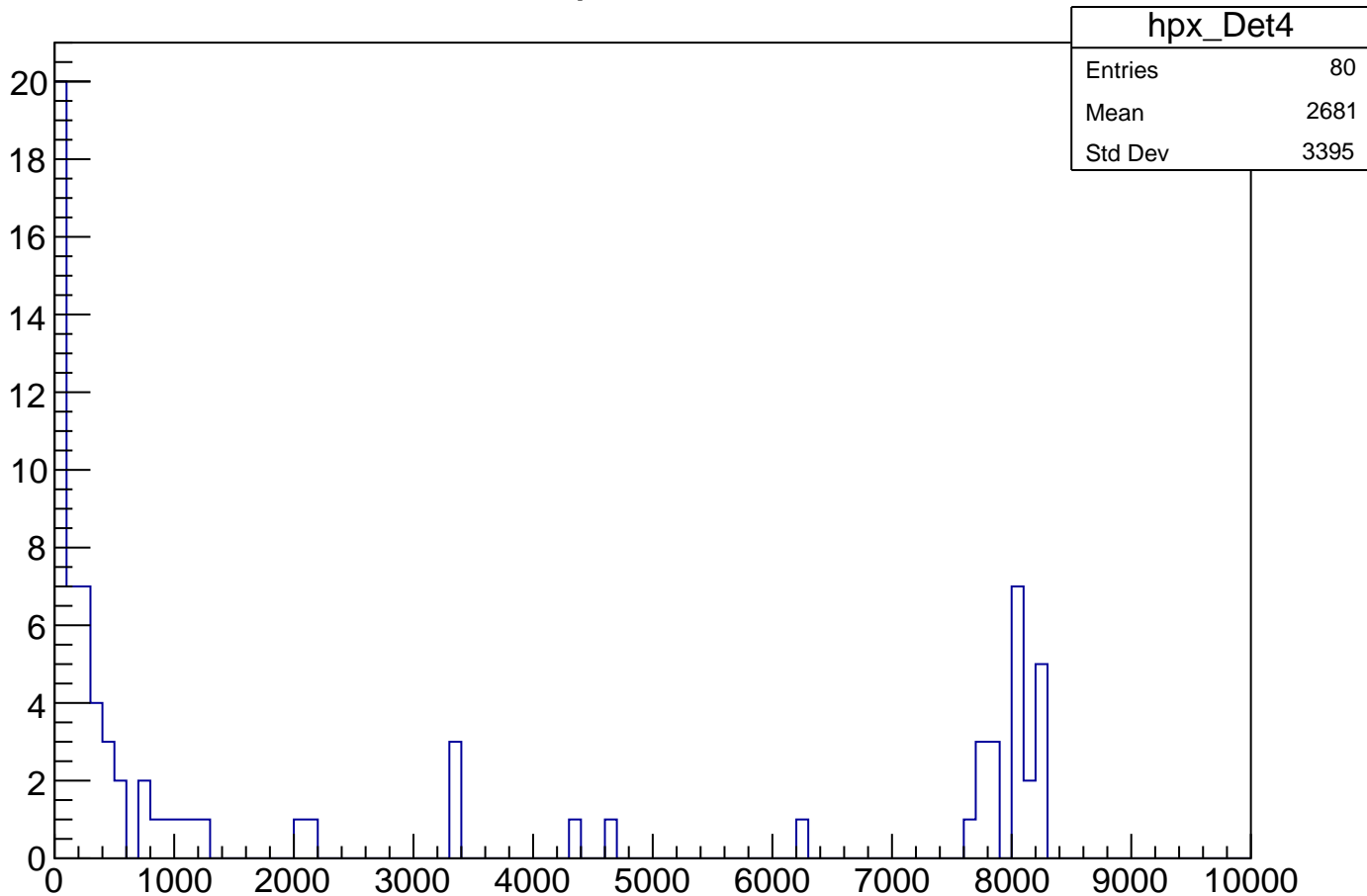
hx_Det4



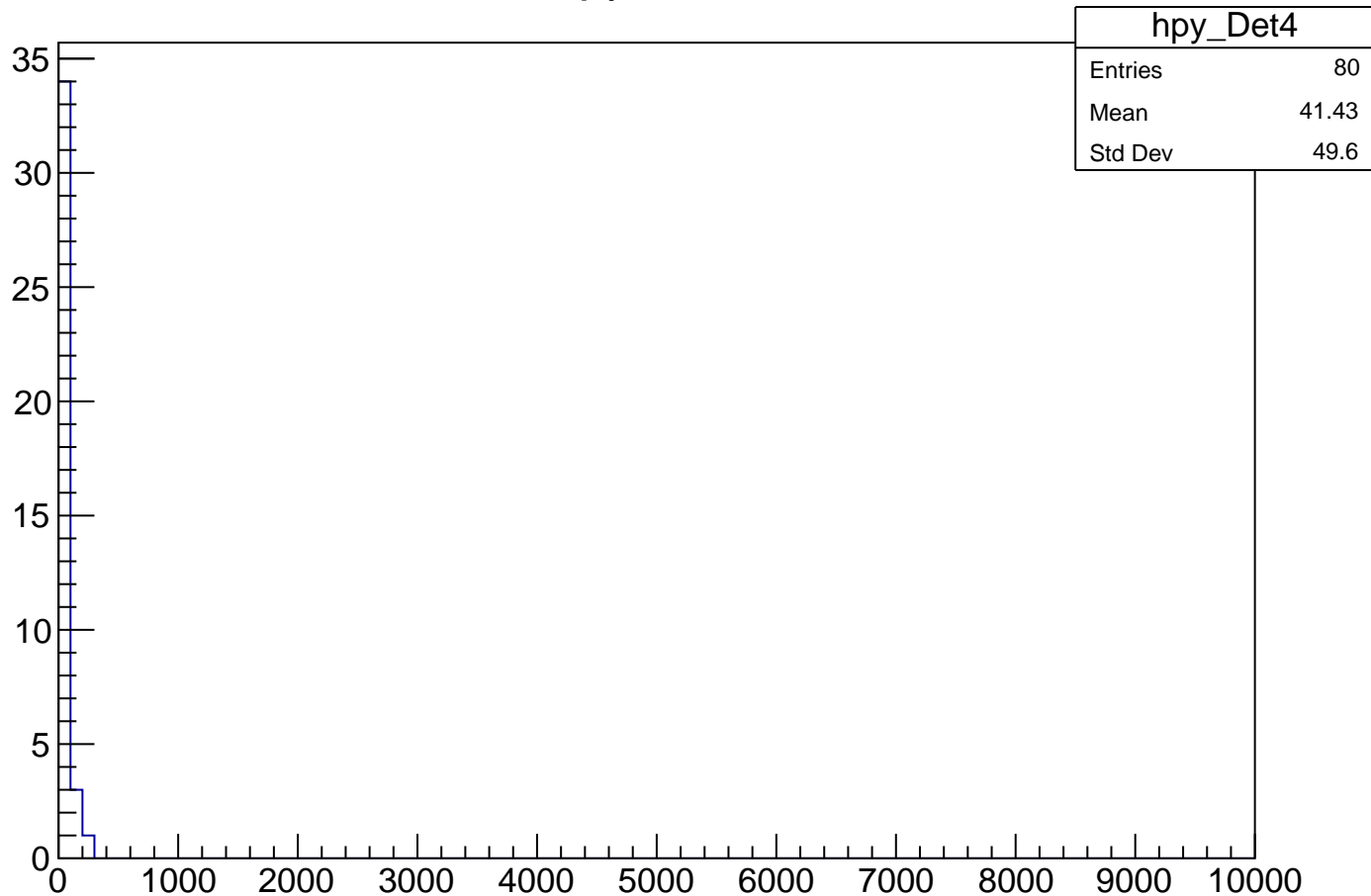
hy_Det4



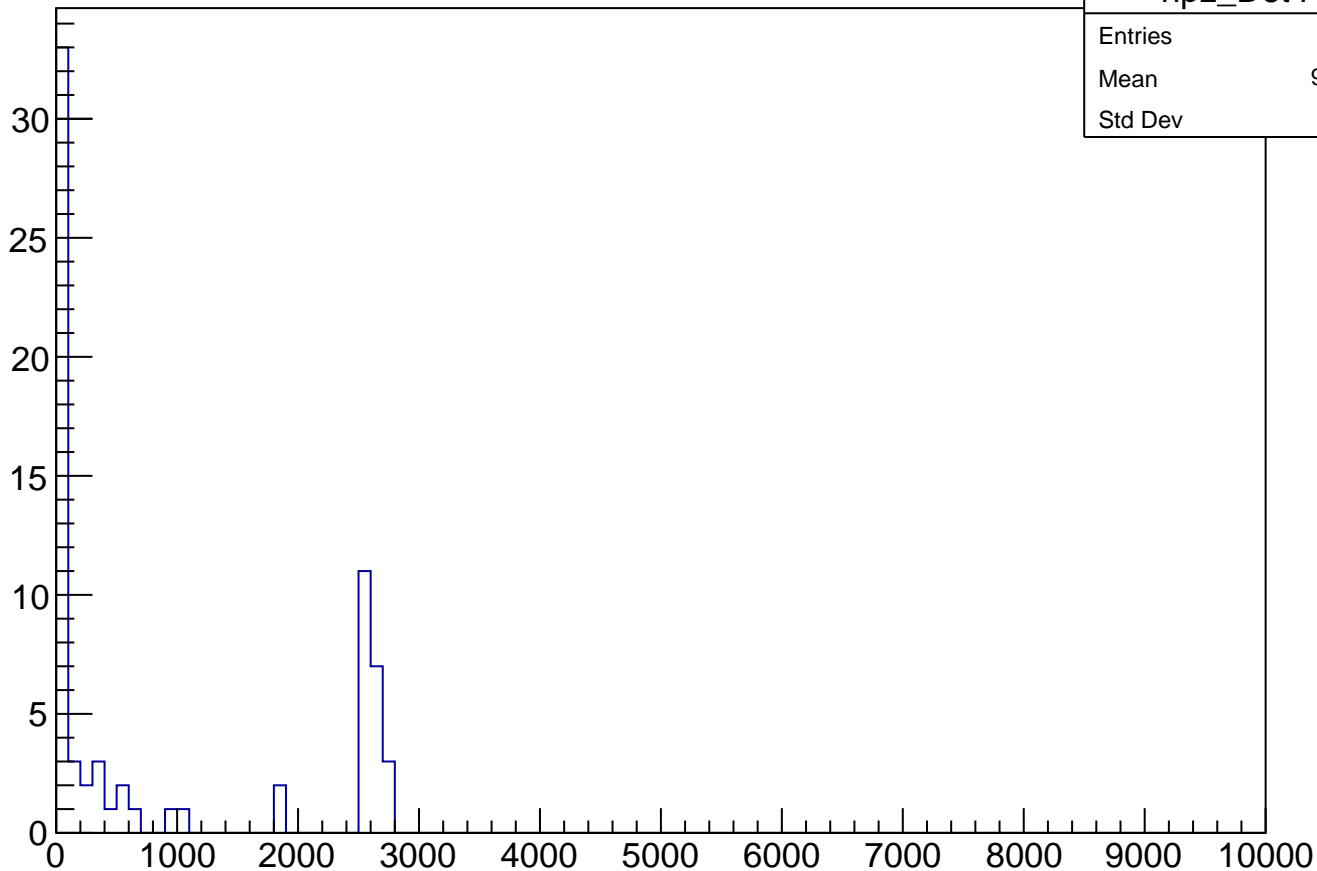
hpx_Det4



hpy_Det4

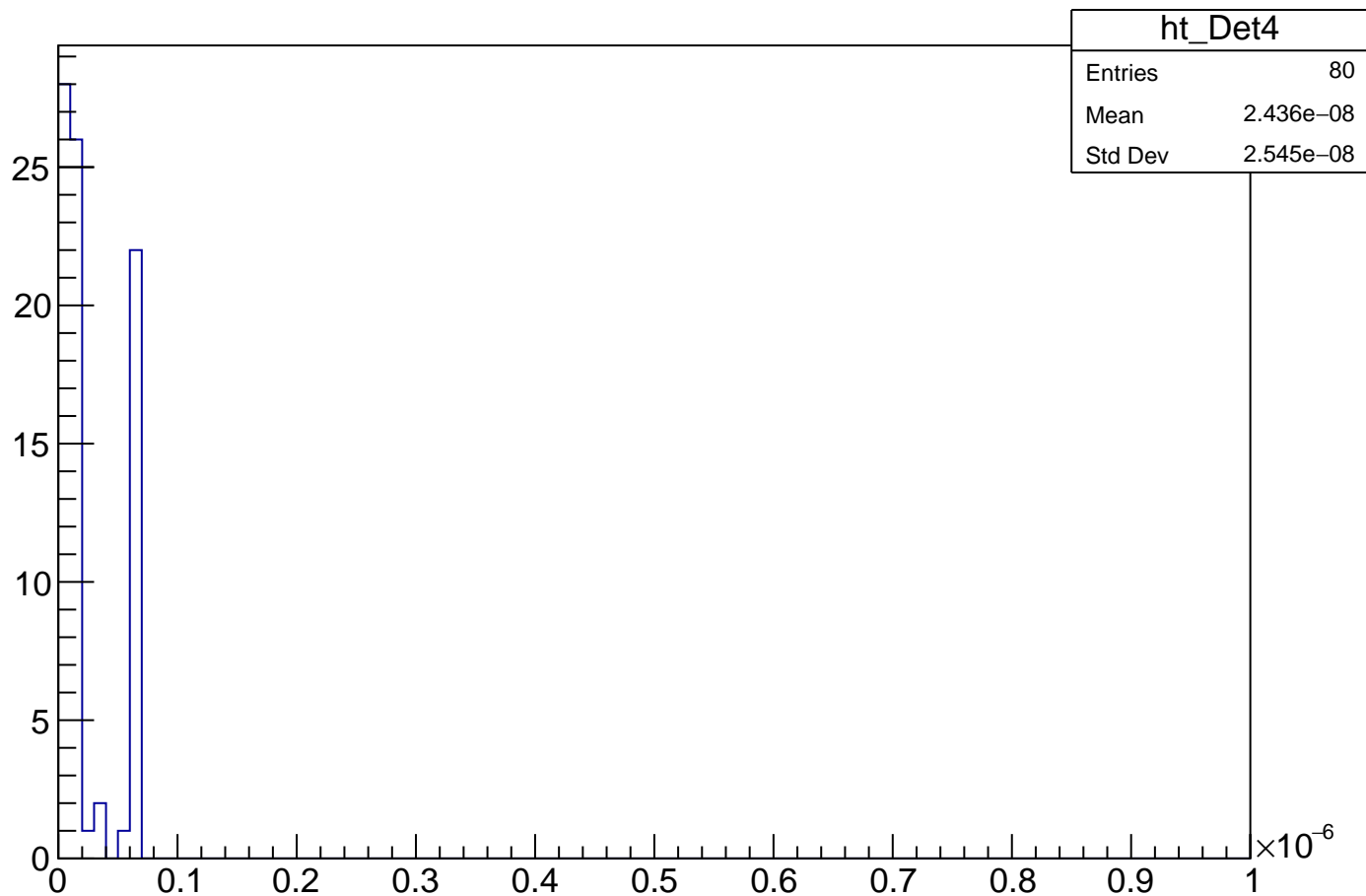


hpz_Det4

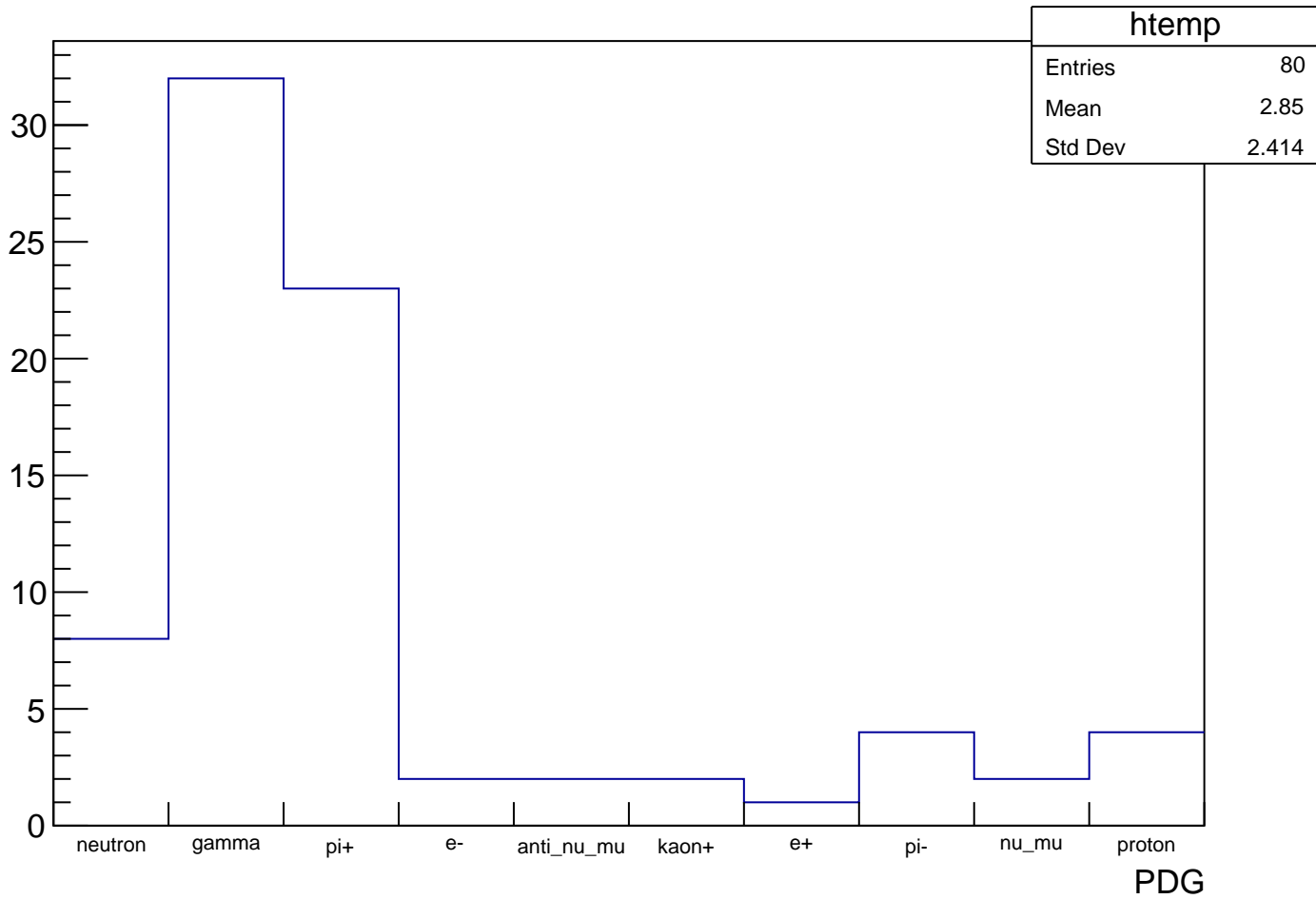


hpz_Det4	
Entries	80
Mean	939.8
Std Dev	1153

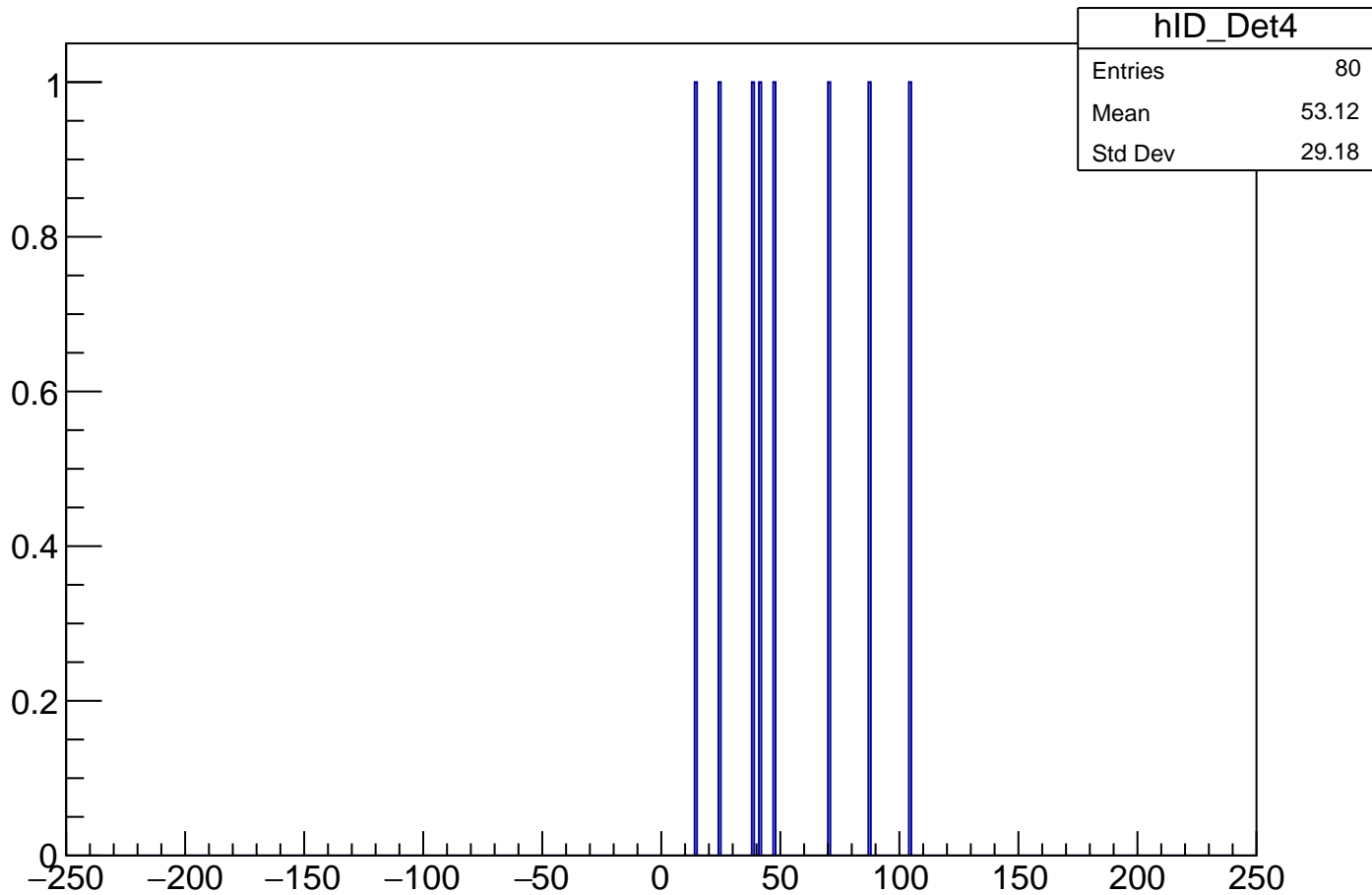
ht_Det4



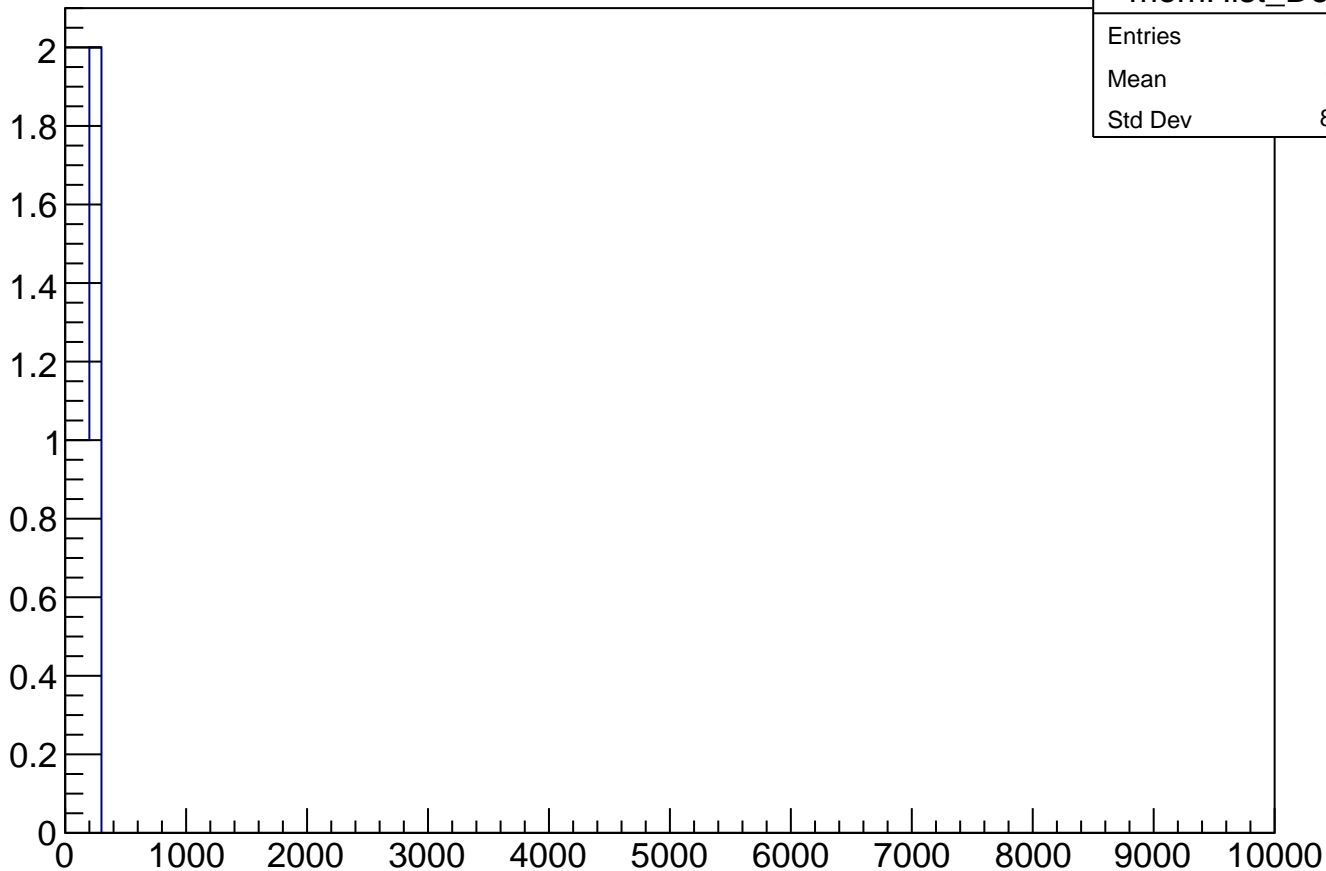
PDG



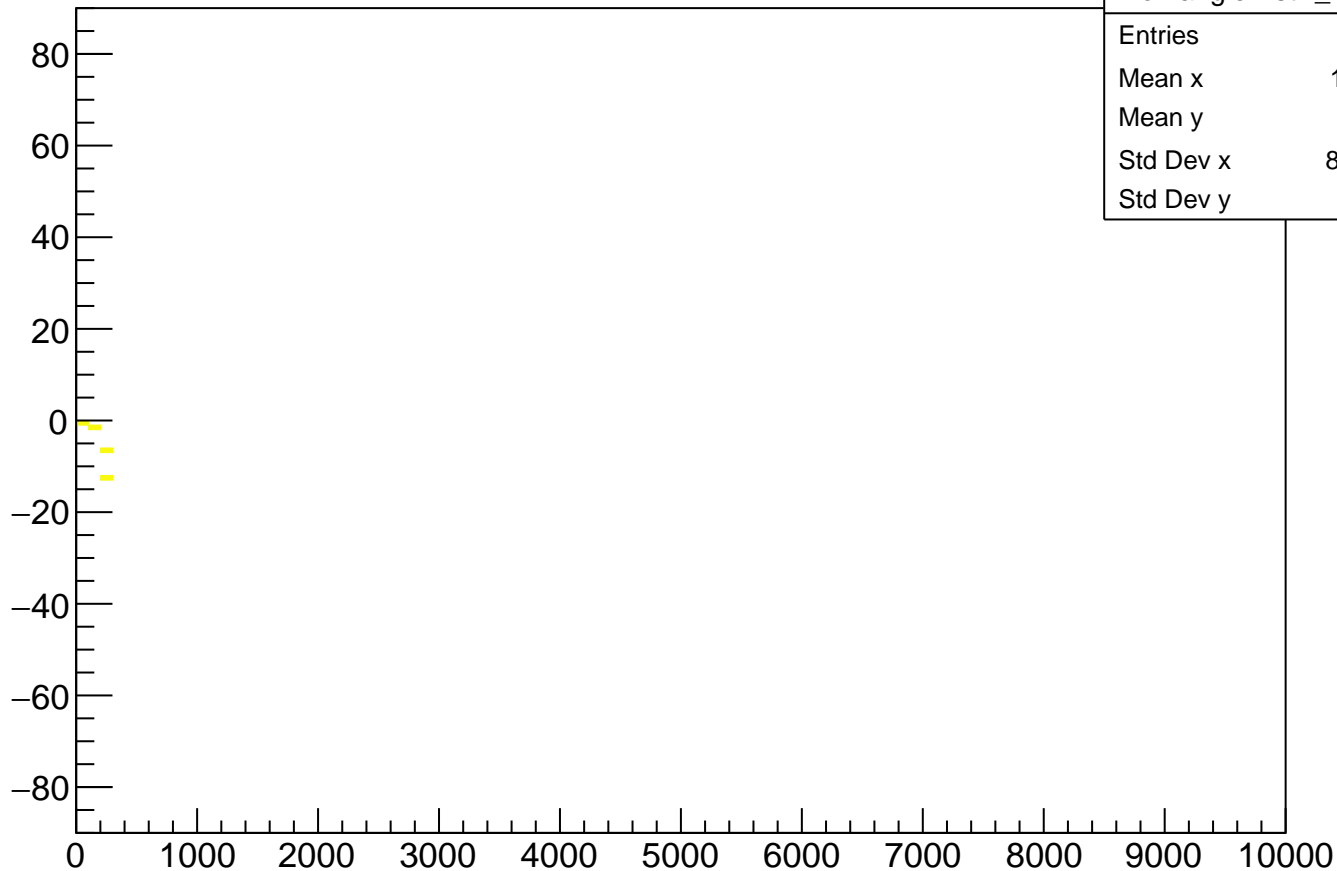
hID_Det4



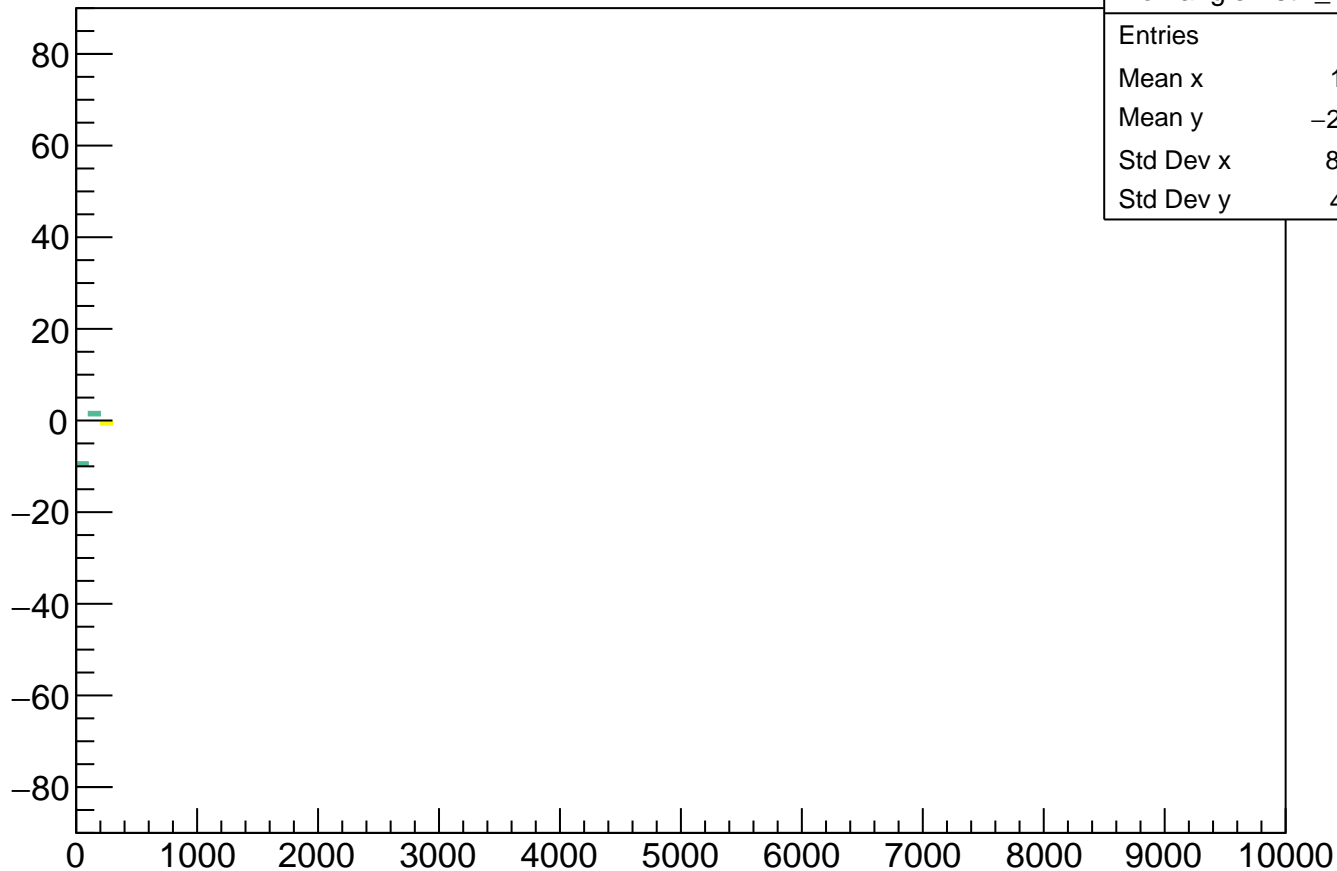
momHist_Det4



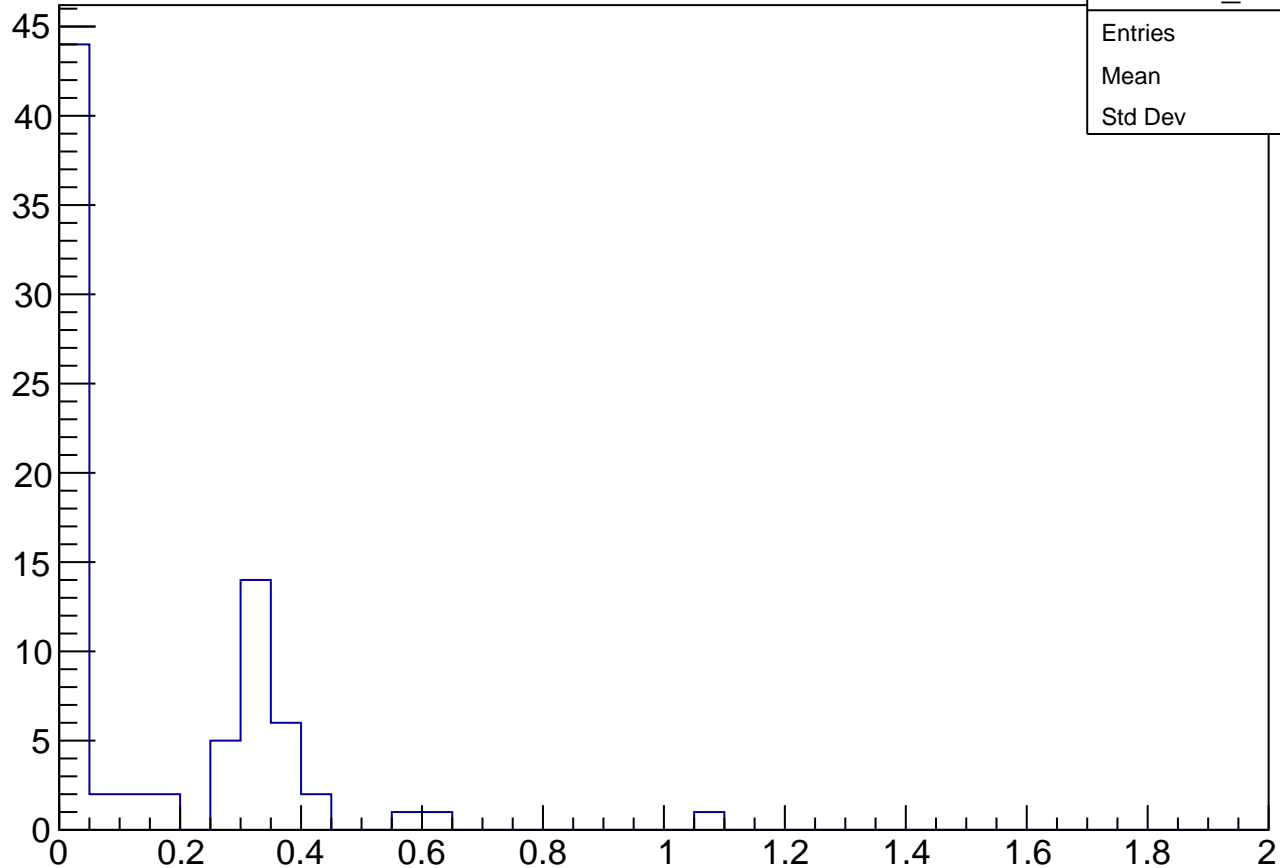
momangleHistX_Det4



momangleHistY_Det4



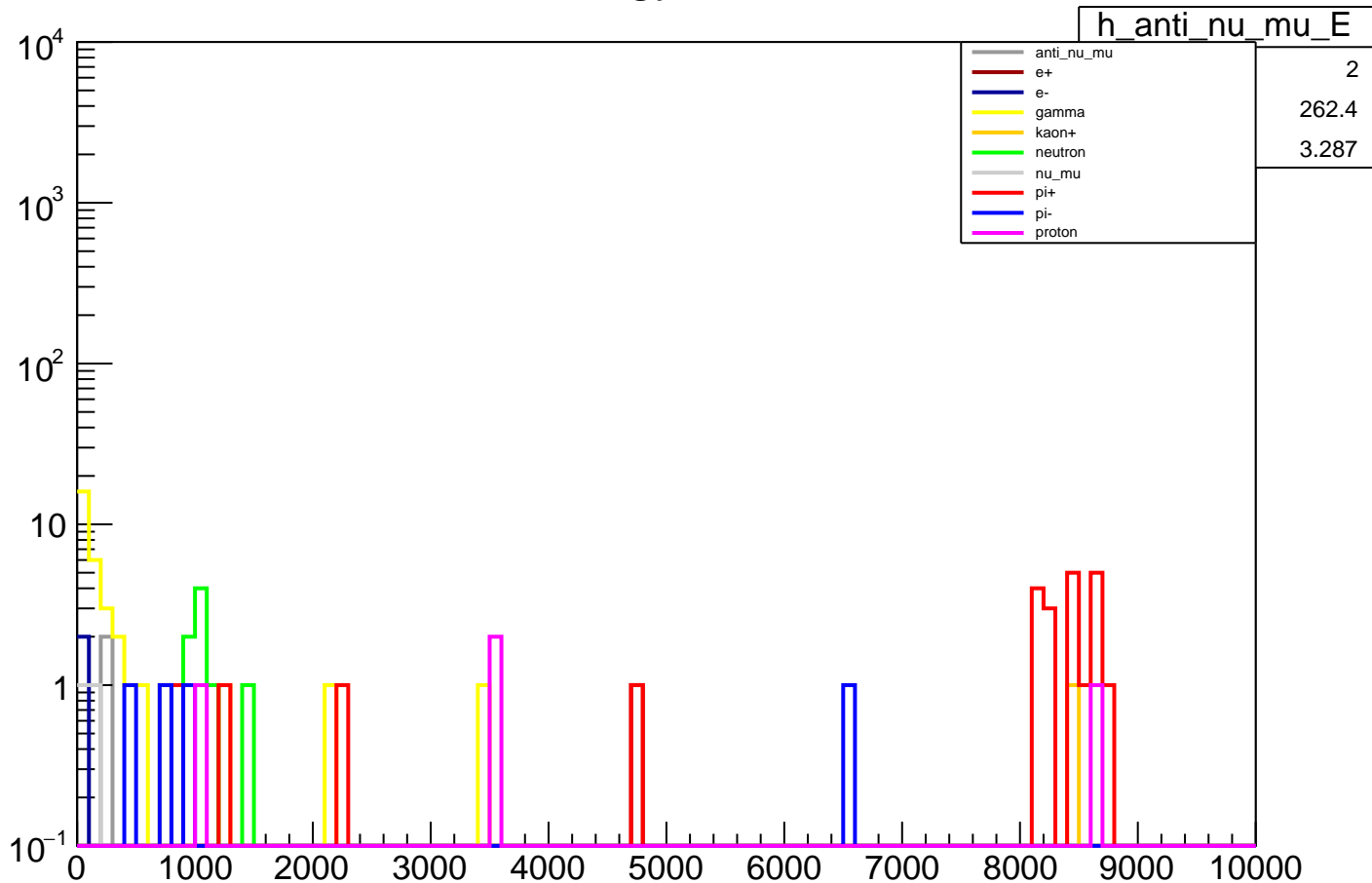
hdE_Det4



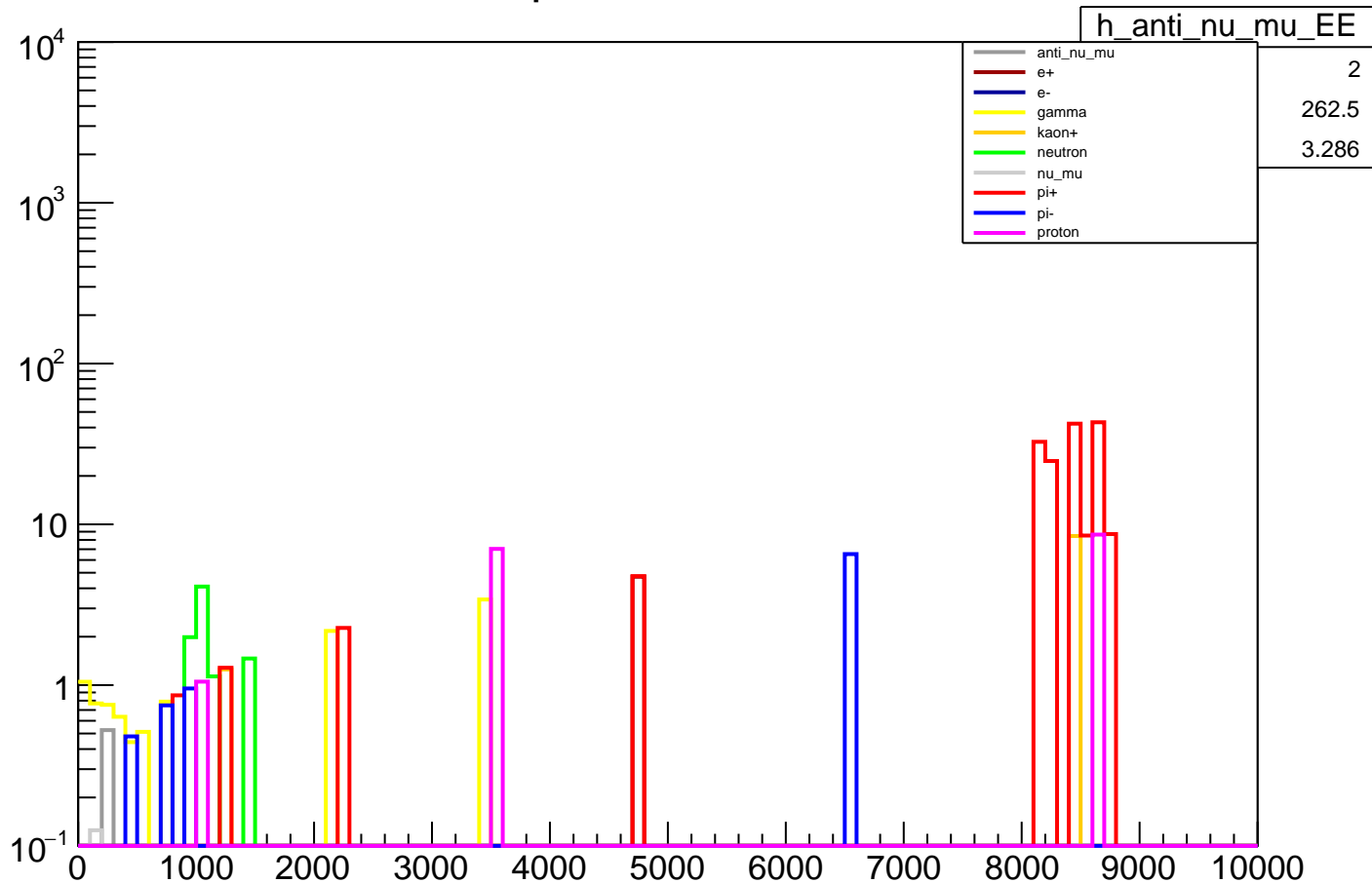
hdE_Det4

Entries	80
Mean	0.1507
Std Dev	0.2015

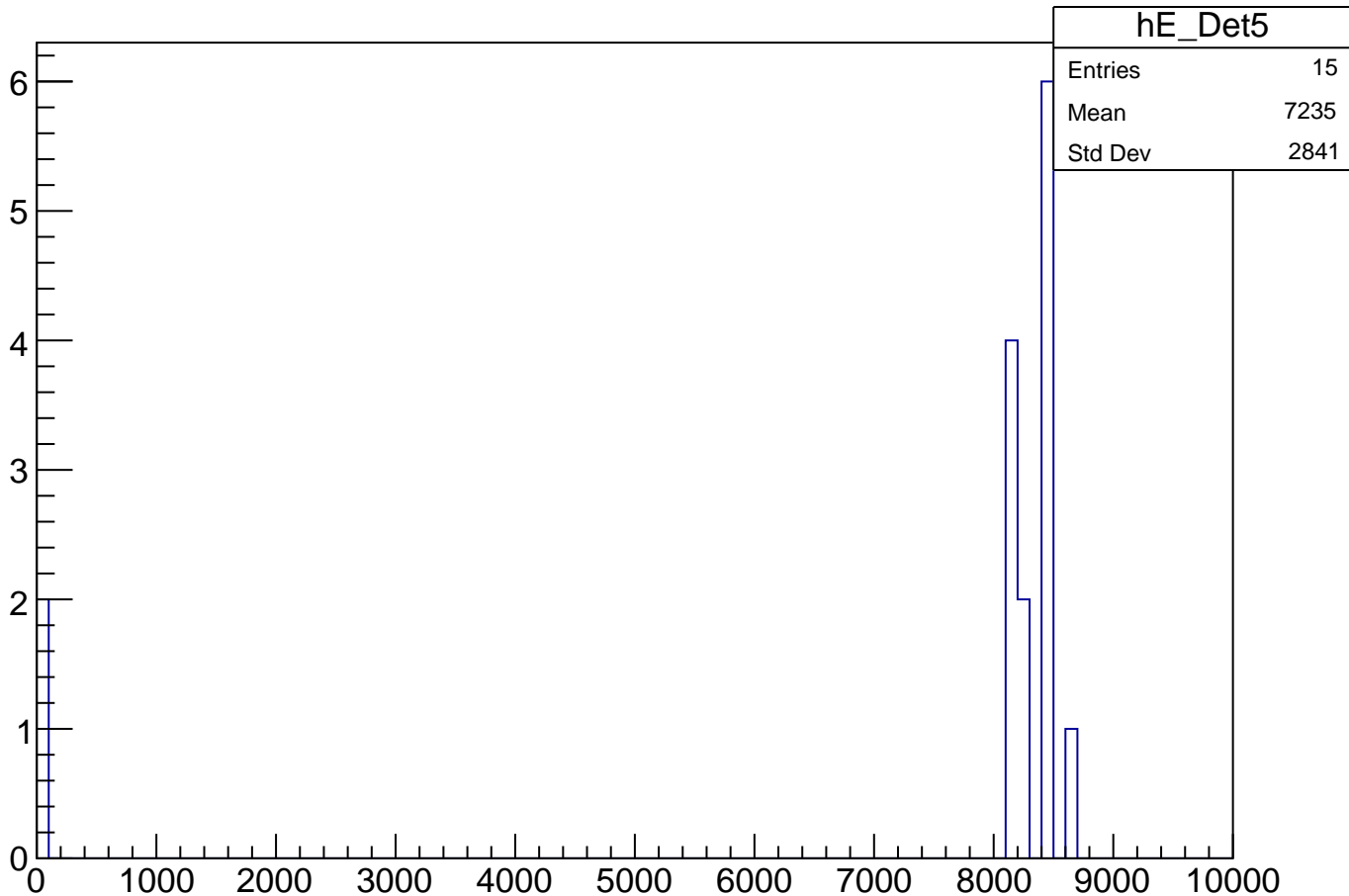
Energy_Det4



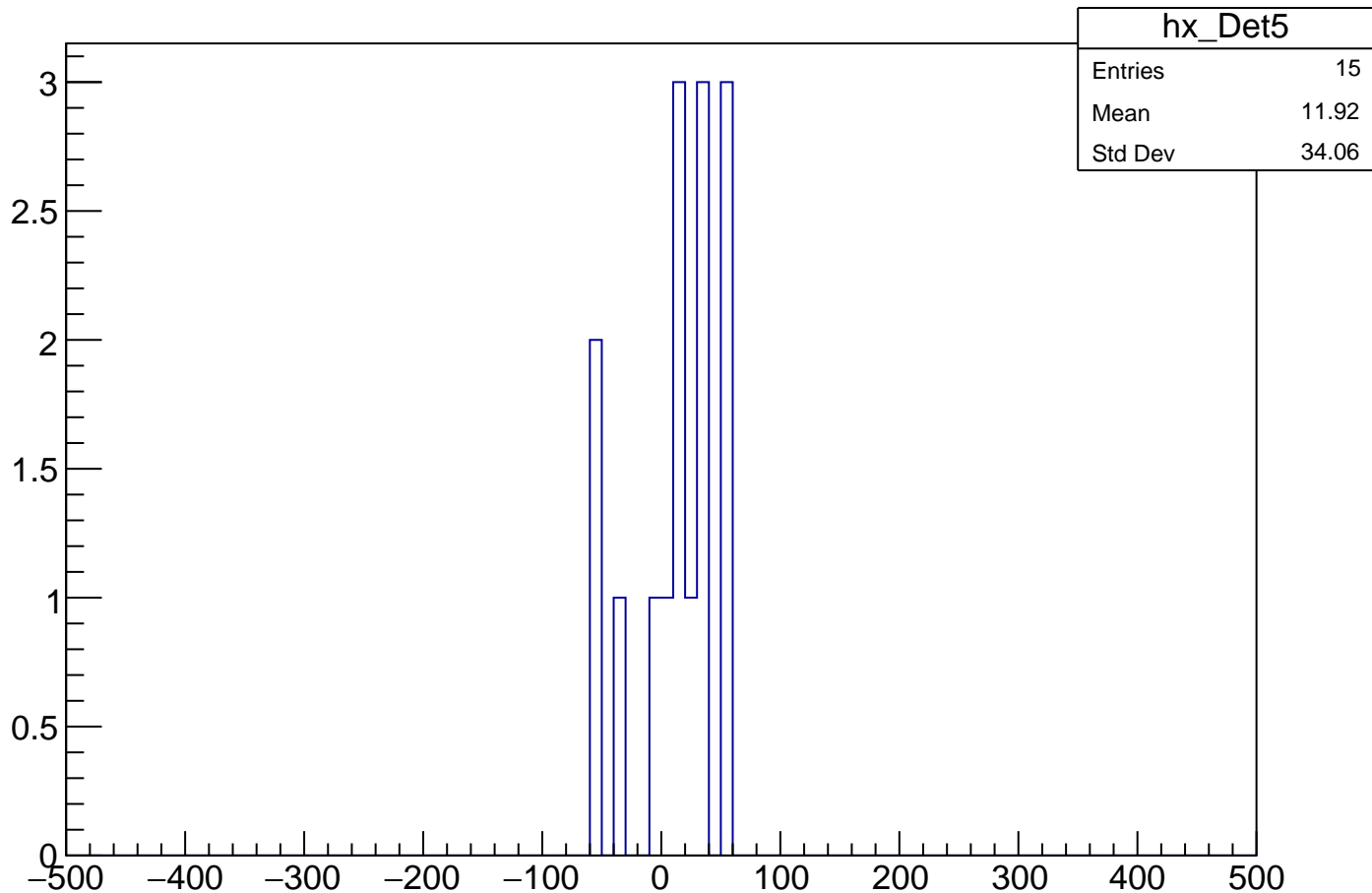
Spectrum_Det4



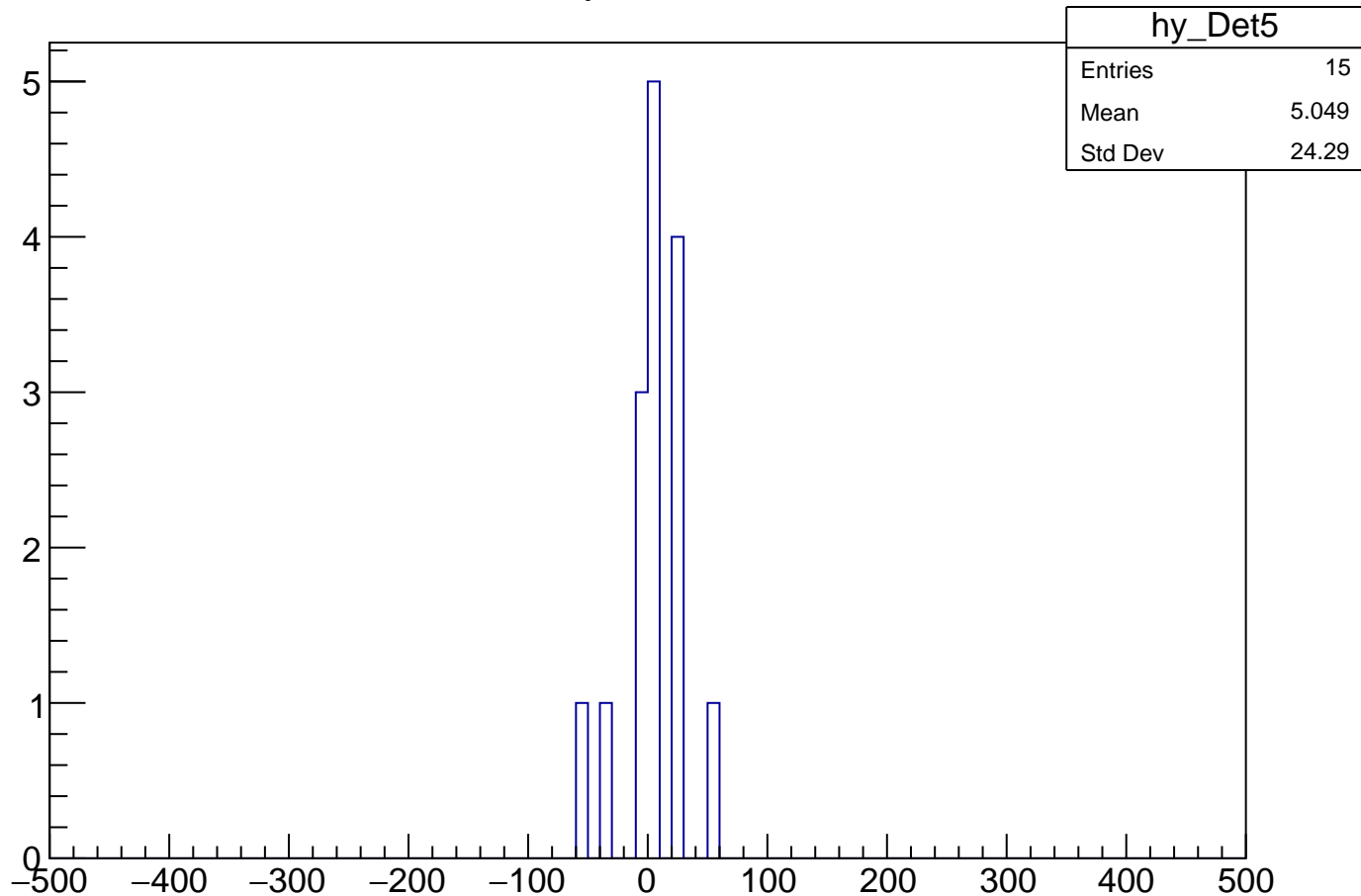
hE_Det5



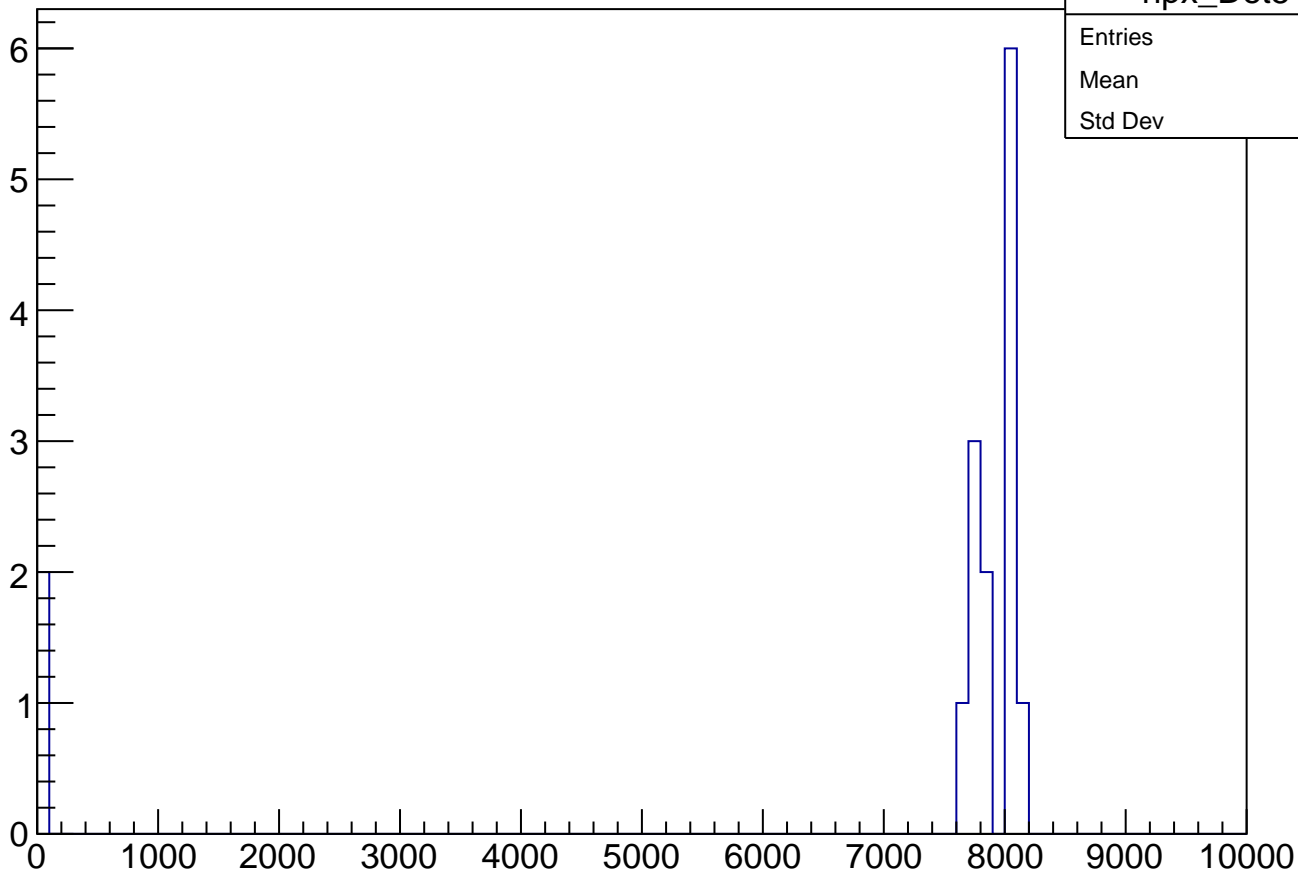
hx_Det5



hy_Det5

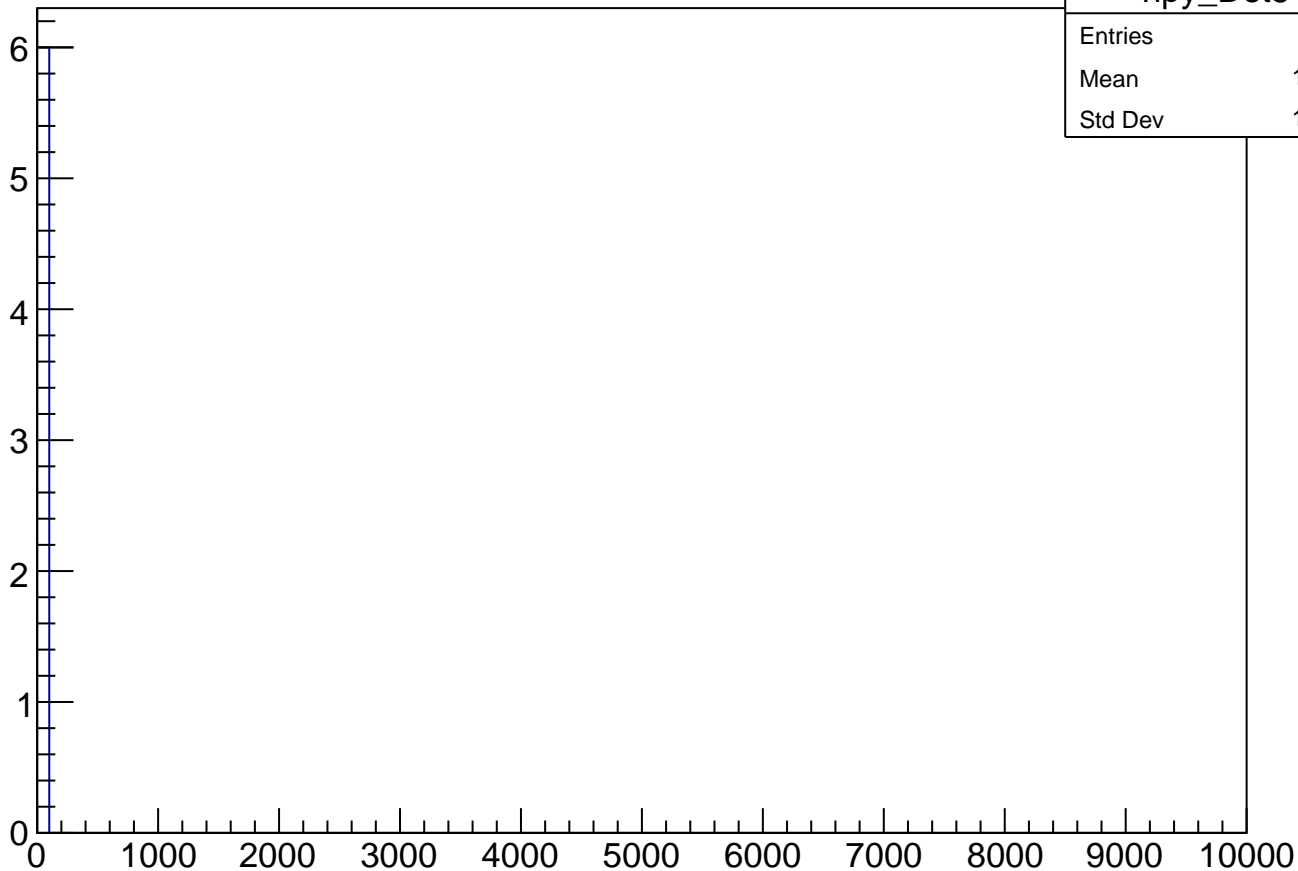


hpx_Det5

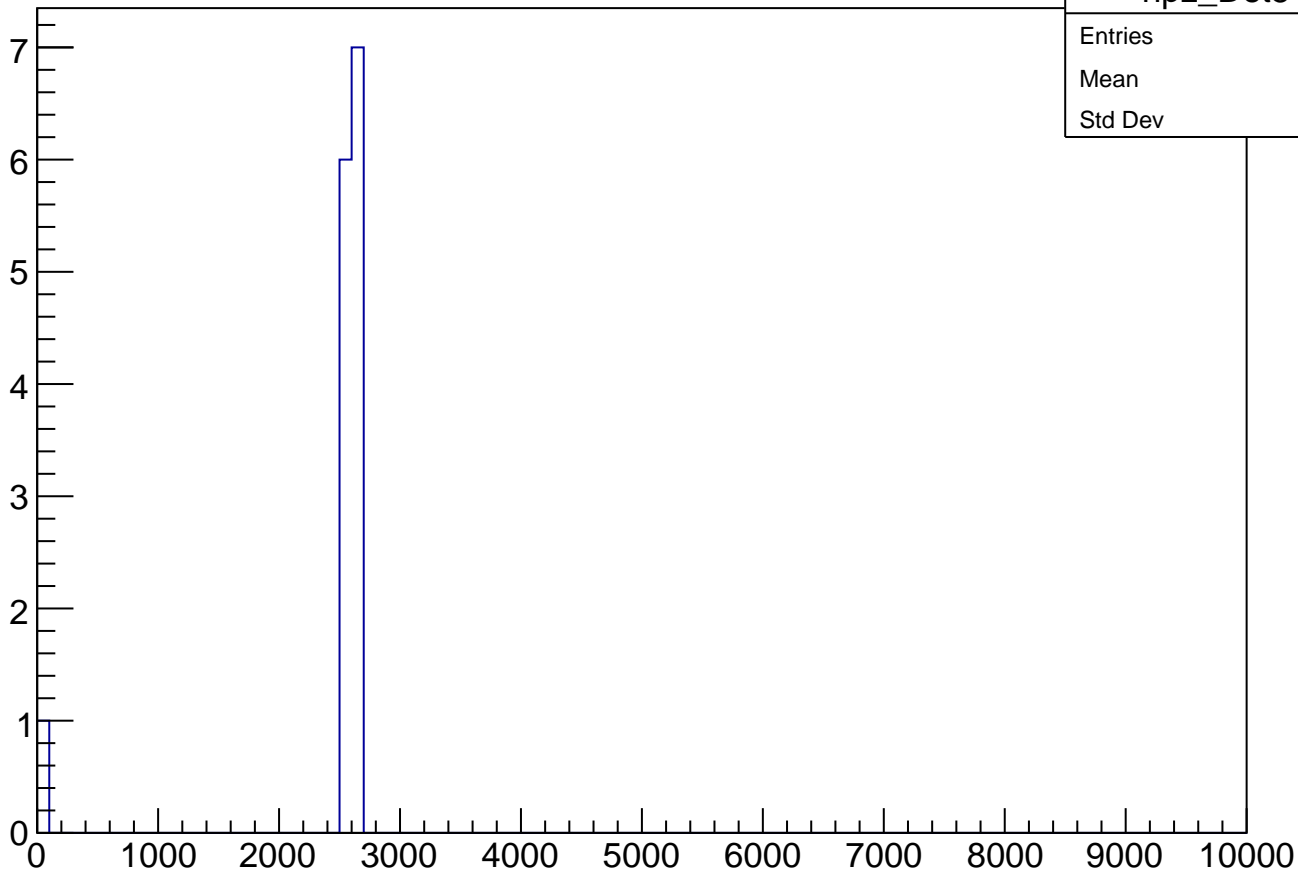


hpy_Det5

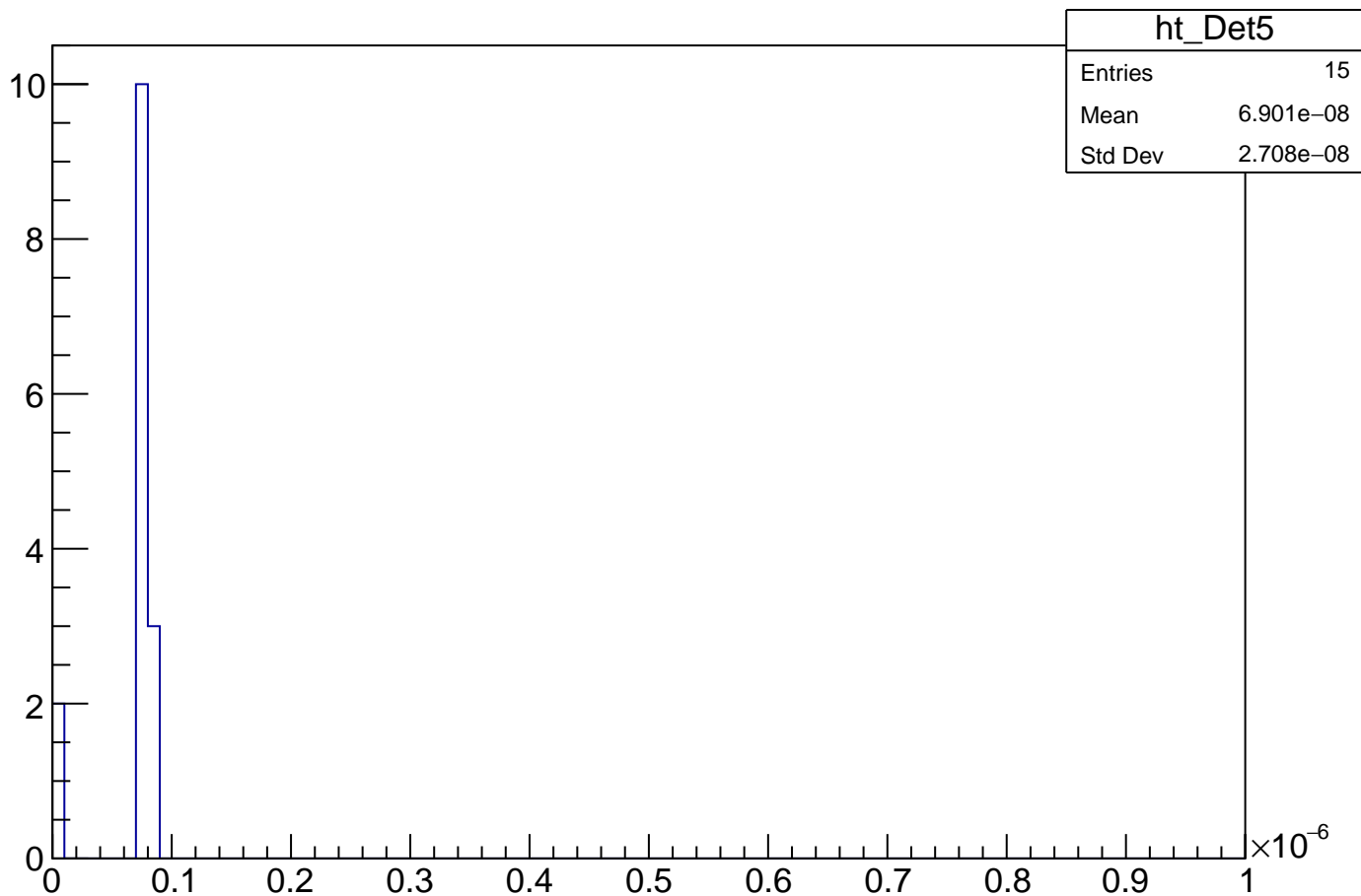
hpy_Det5	
Entries	15
Mean	15.78
Std Dev	13.56



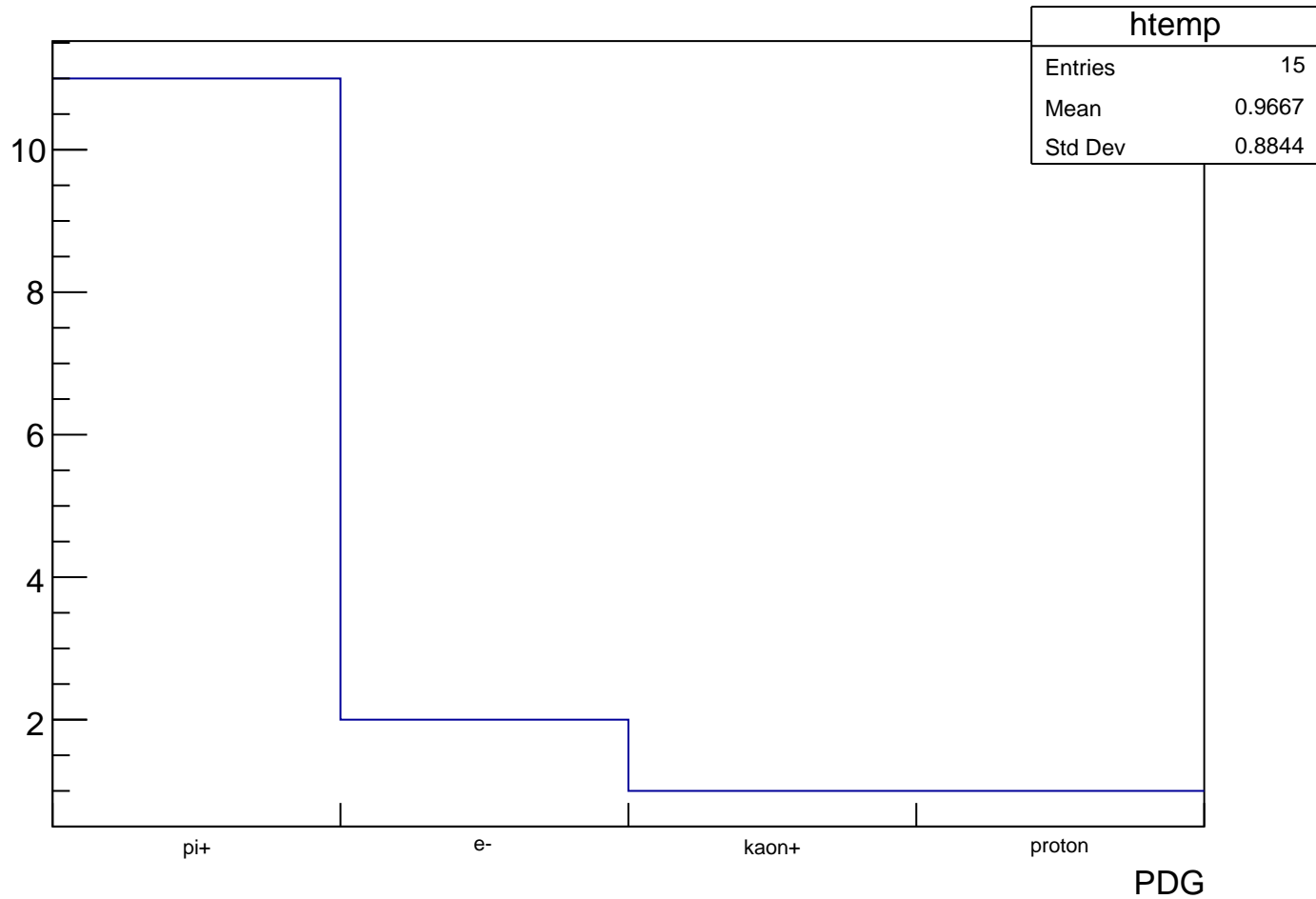
hpz_Det5



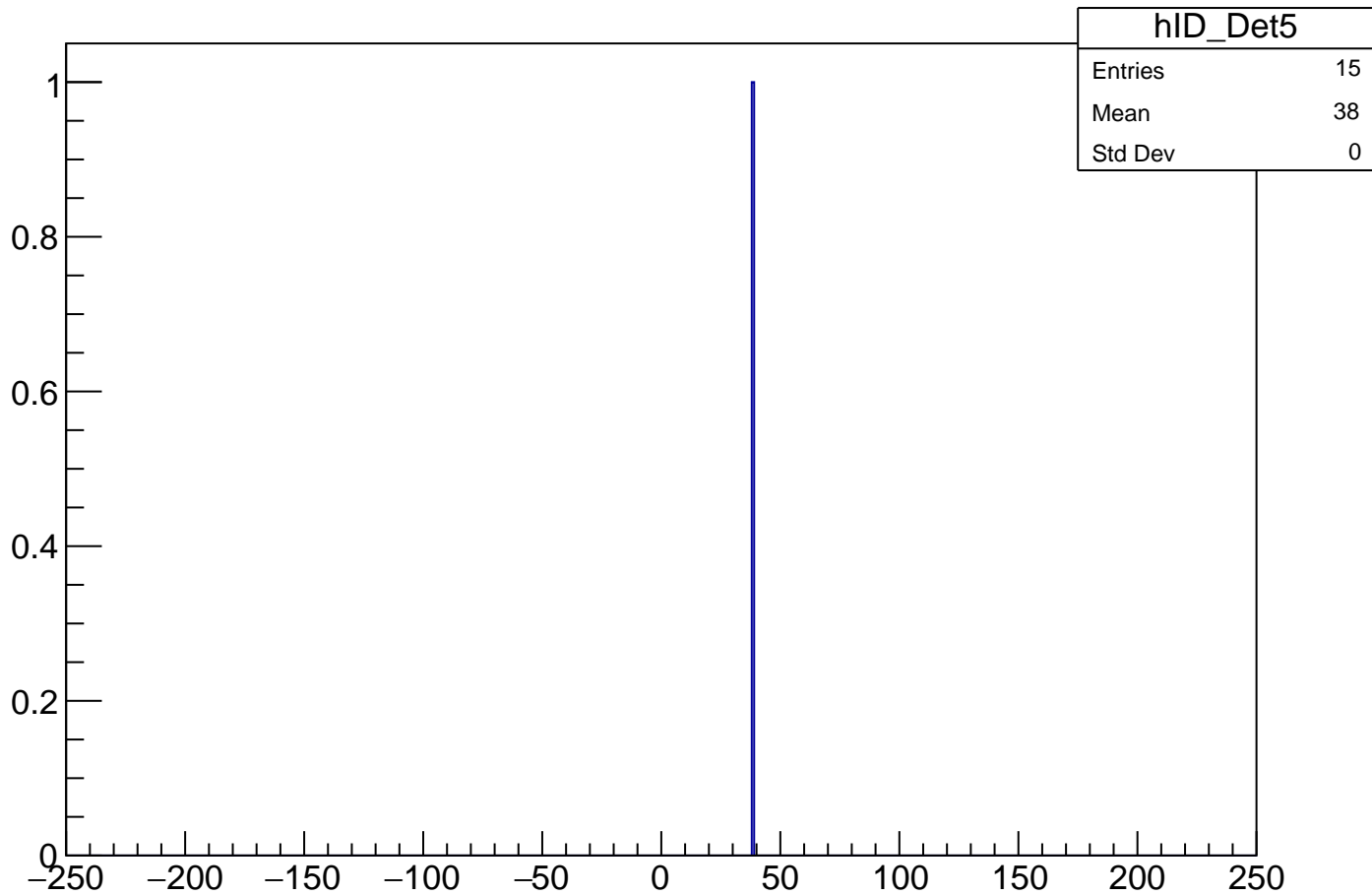
ht_Det5



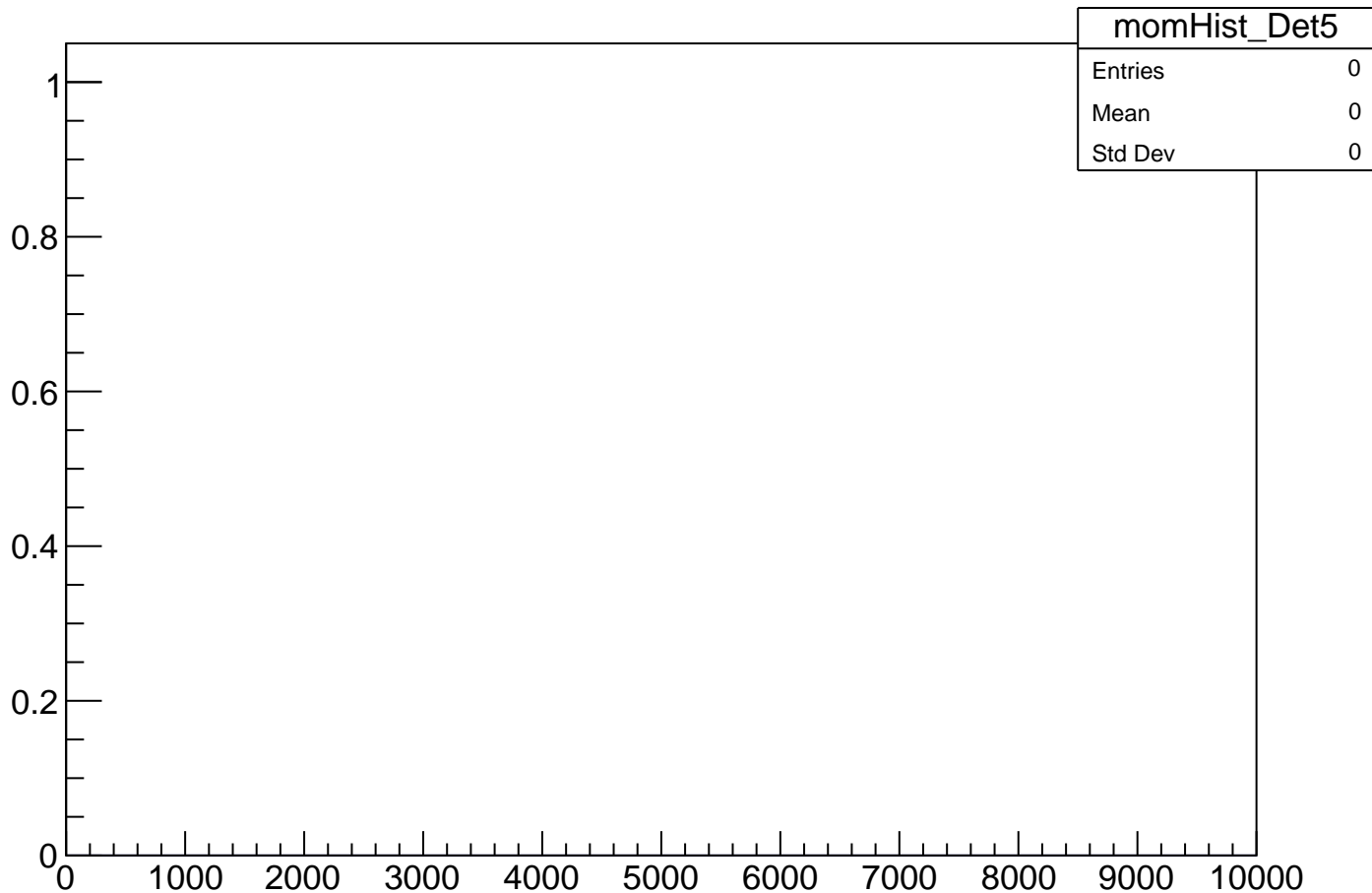
PDG



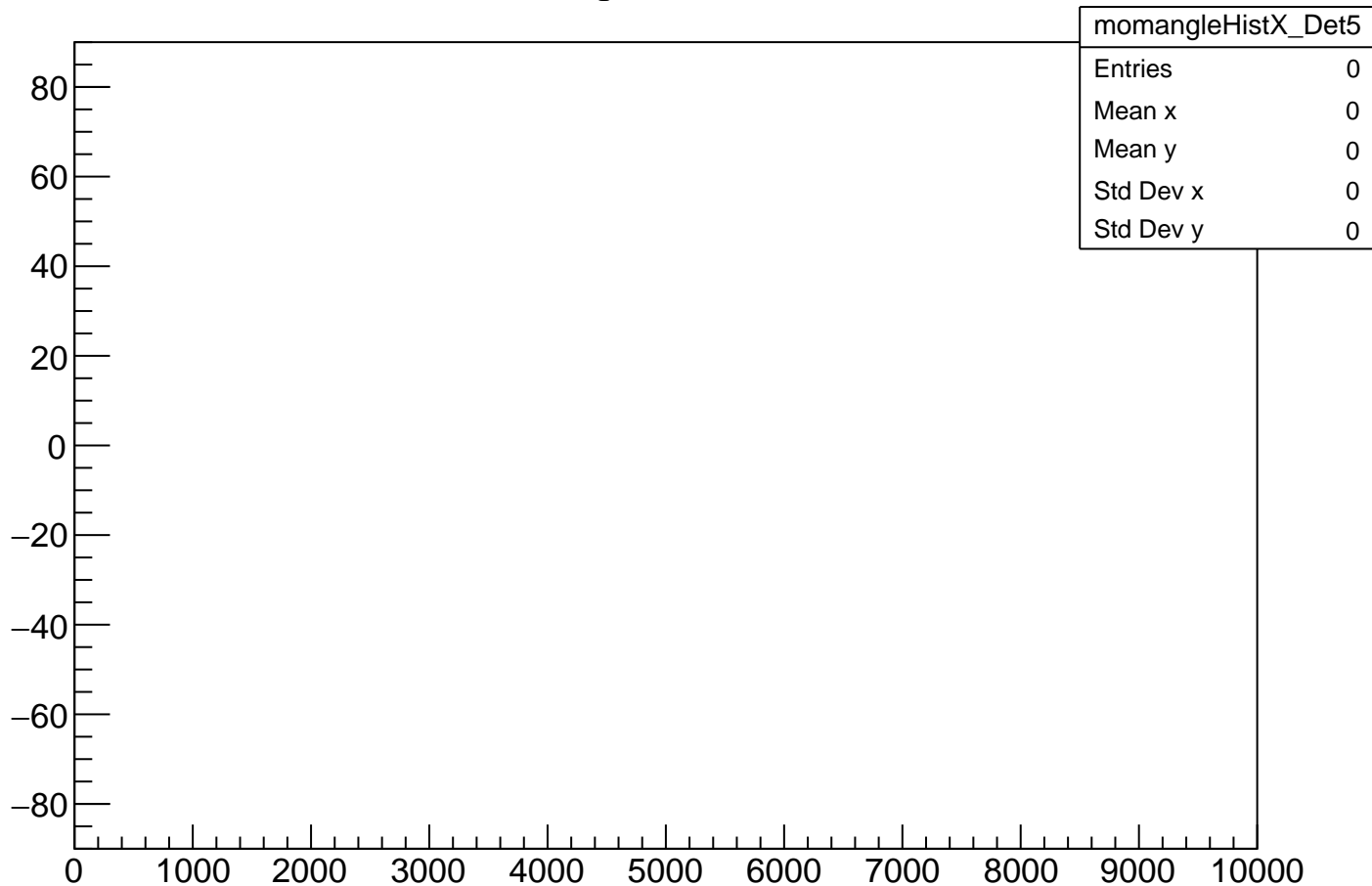
hID_Det5



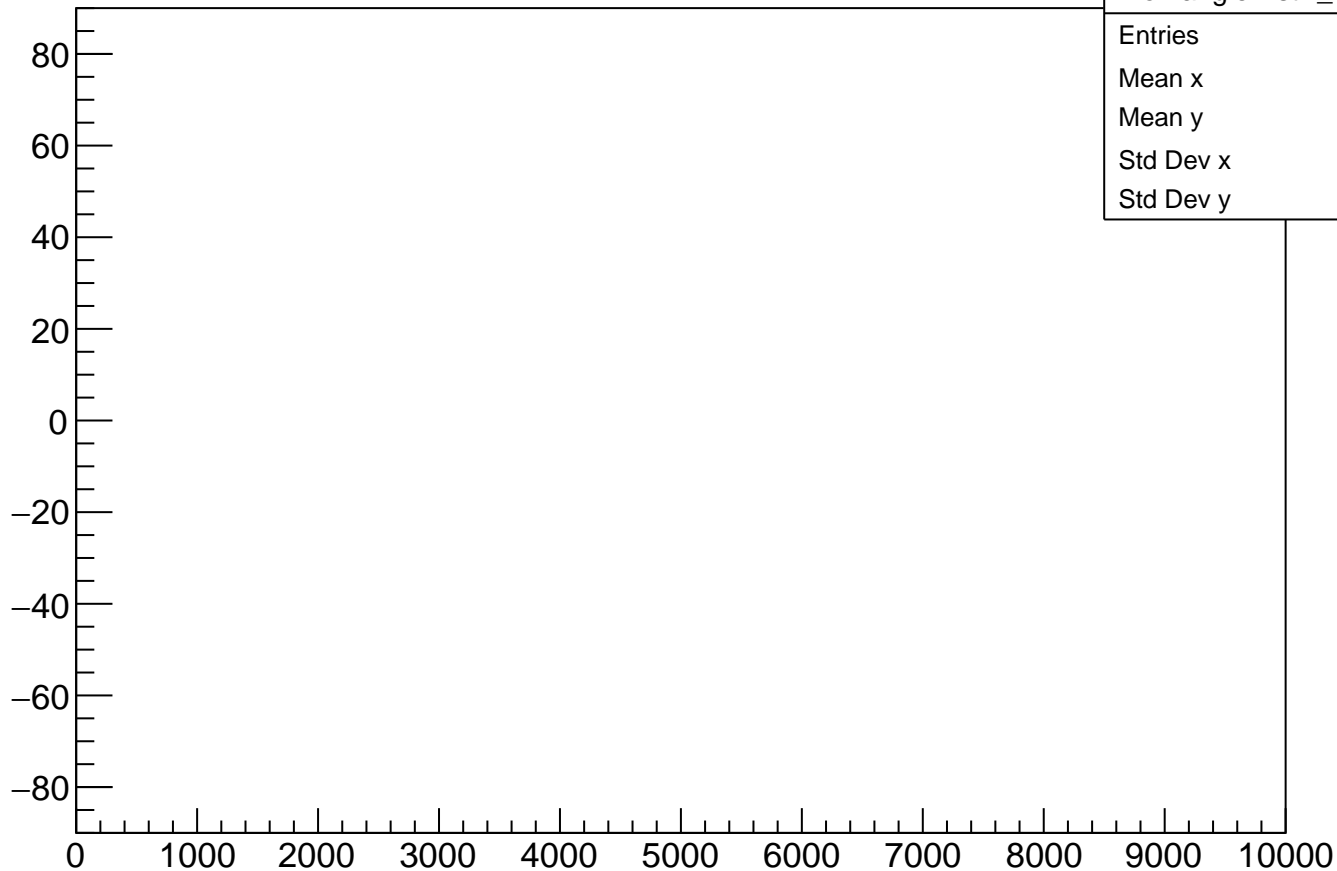
momHist_Det5



momangleHistX_Det5

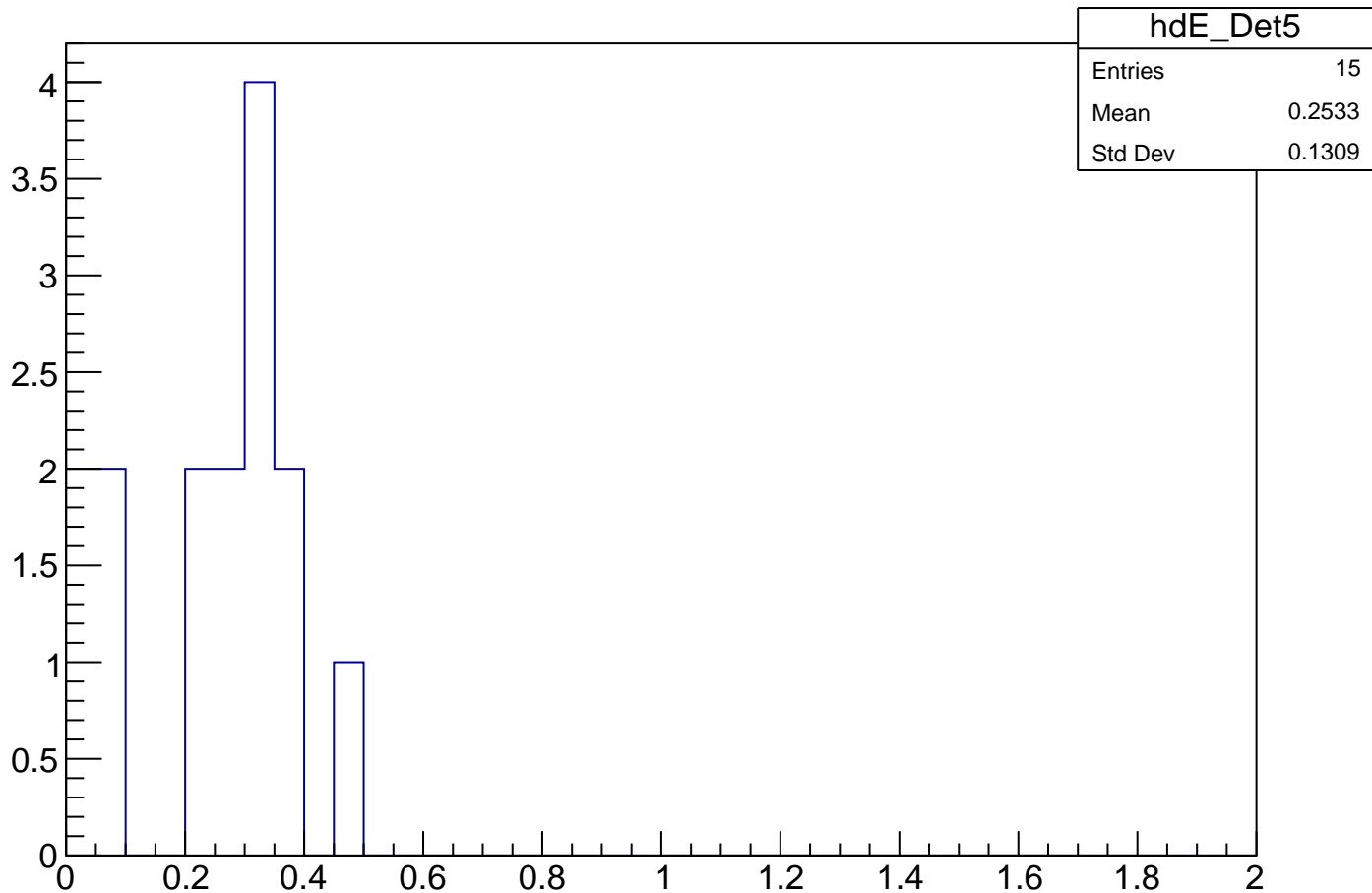


momangleHistY_Det5

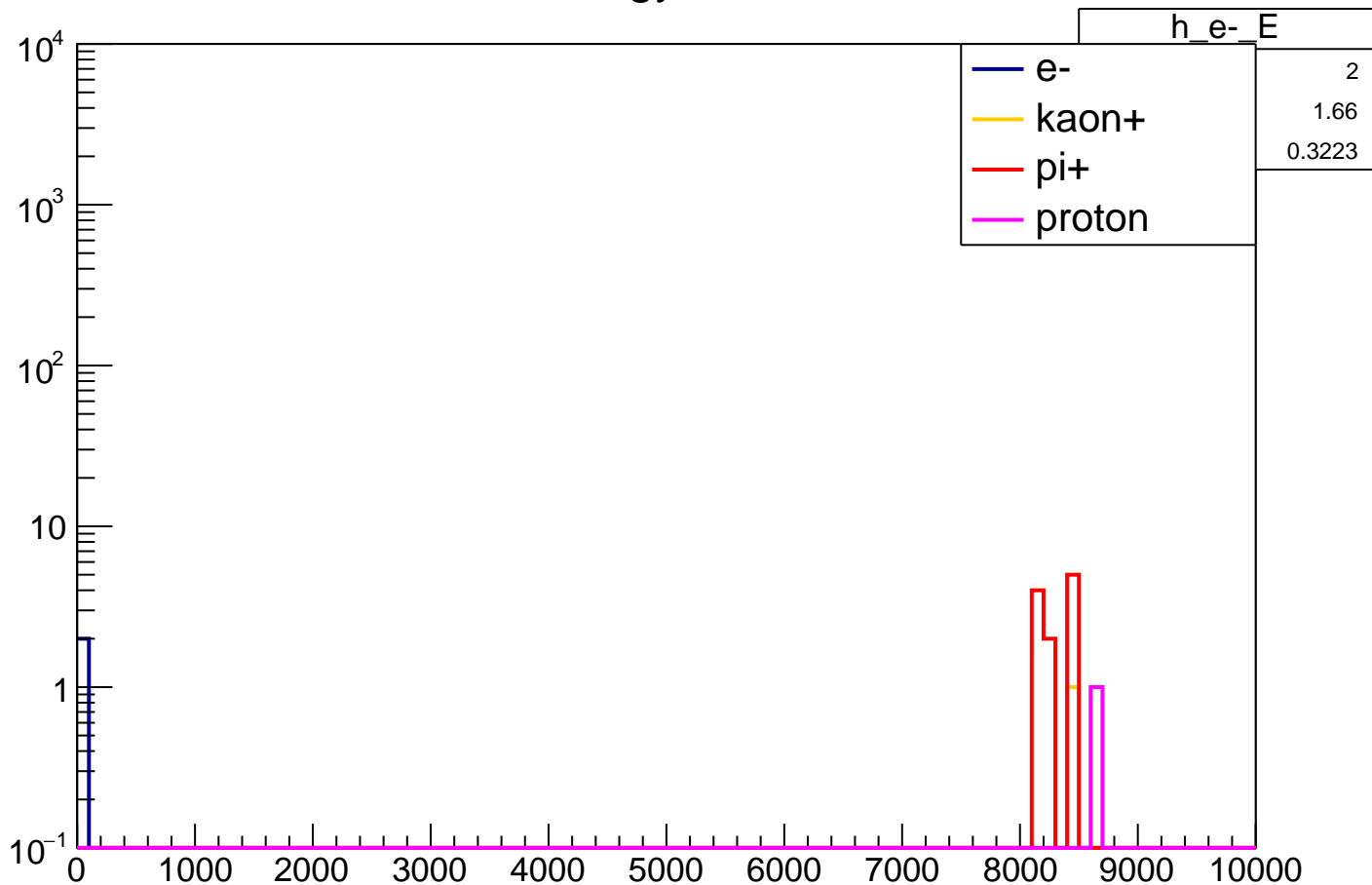


momangleHistY_Det5	
Entries	0
Mean x	0
Mean y	0
Std Dev x	0
Std Dev y	0

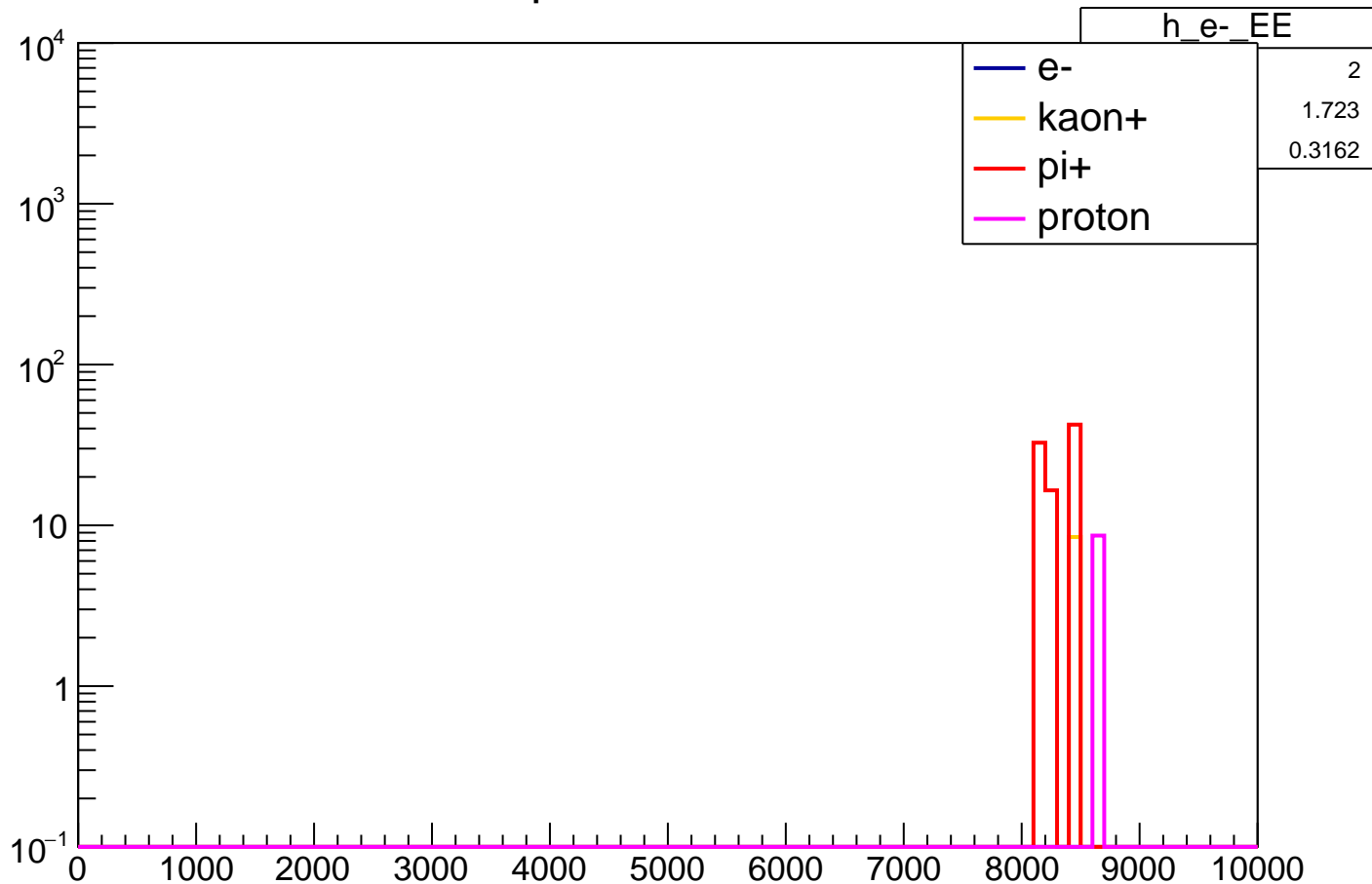
hdE_Det5



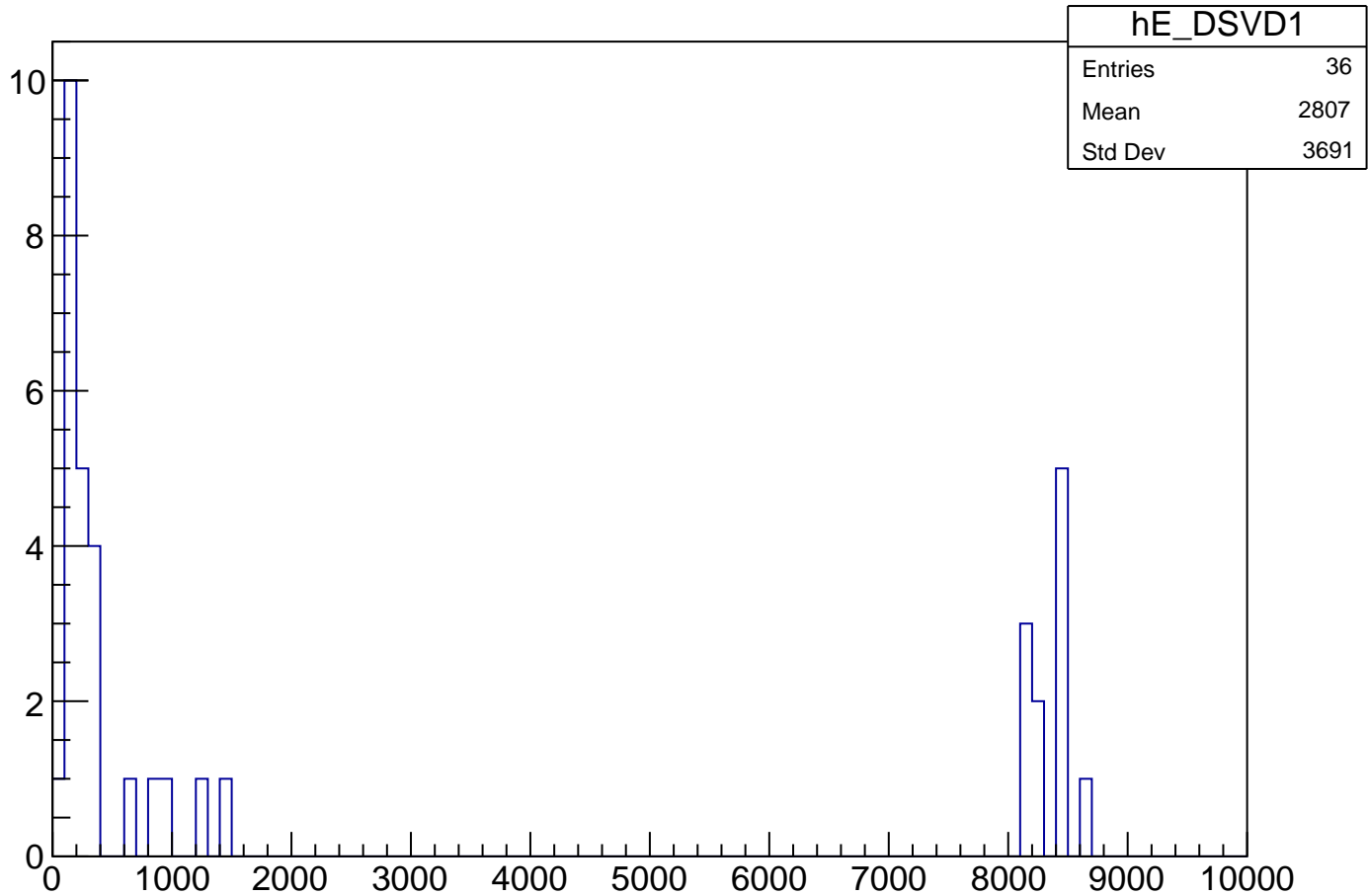
Energy_Det5



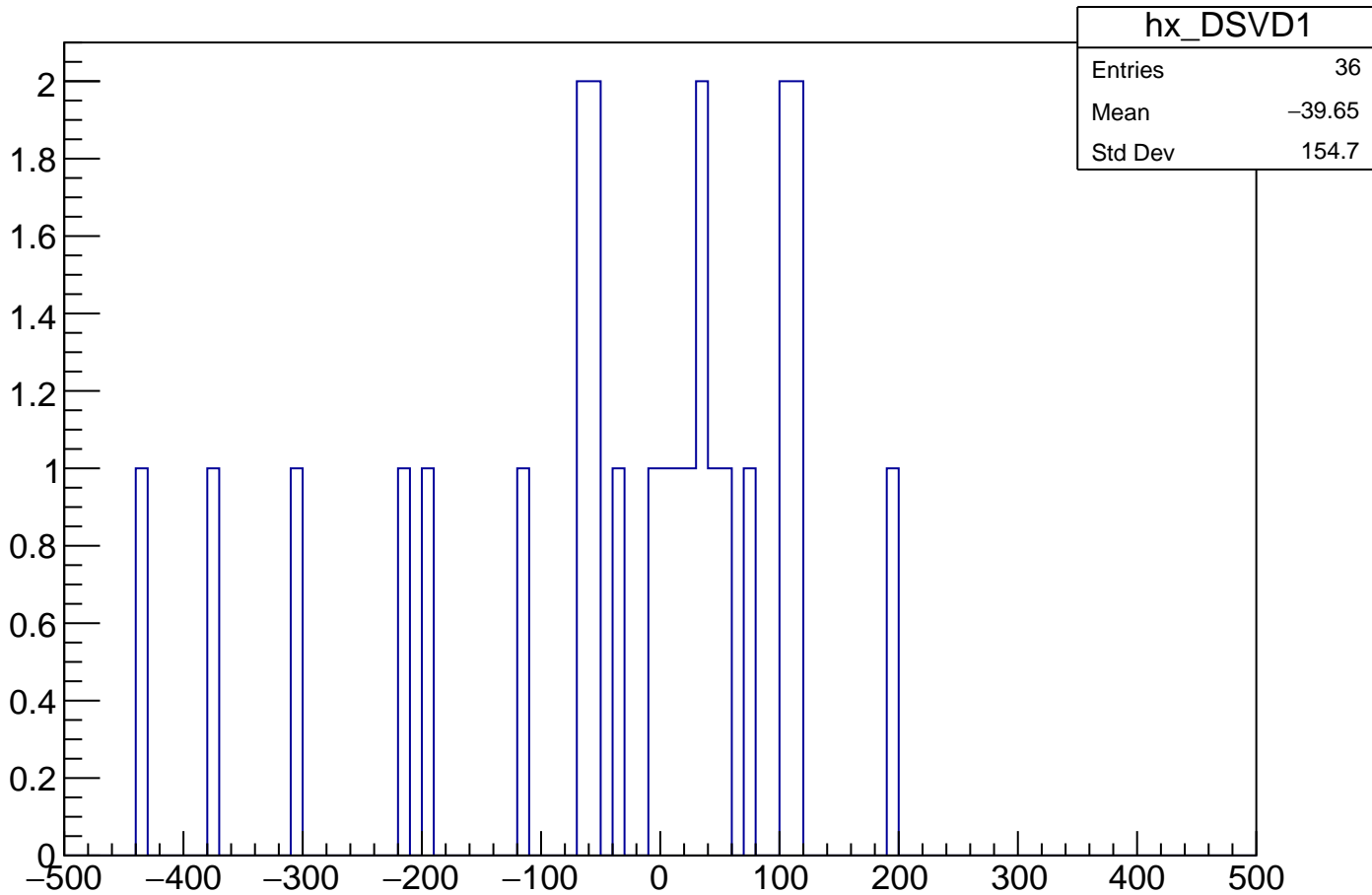
Spectrum_Det5



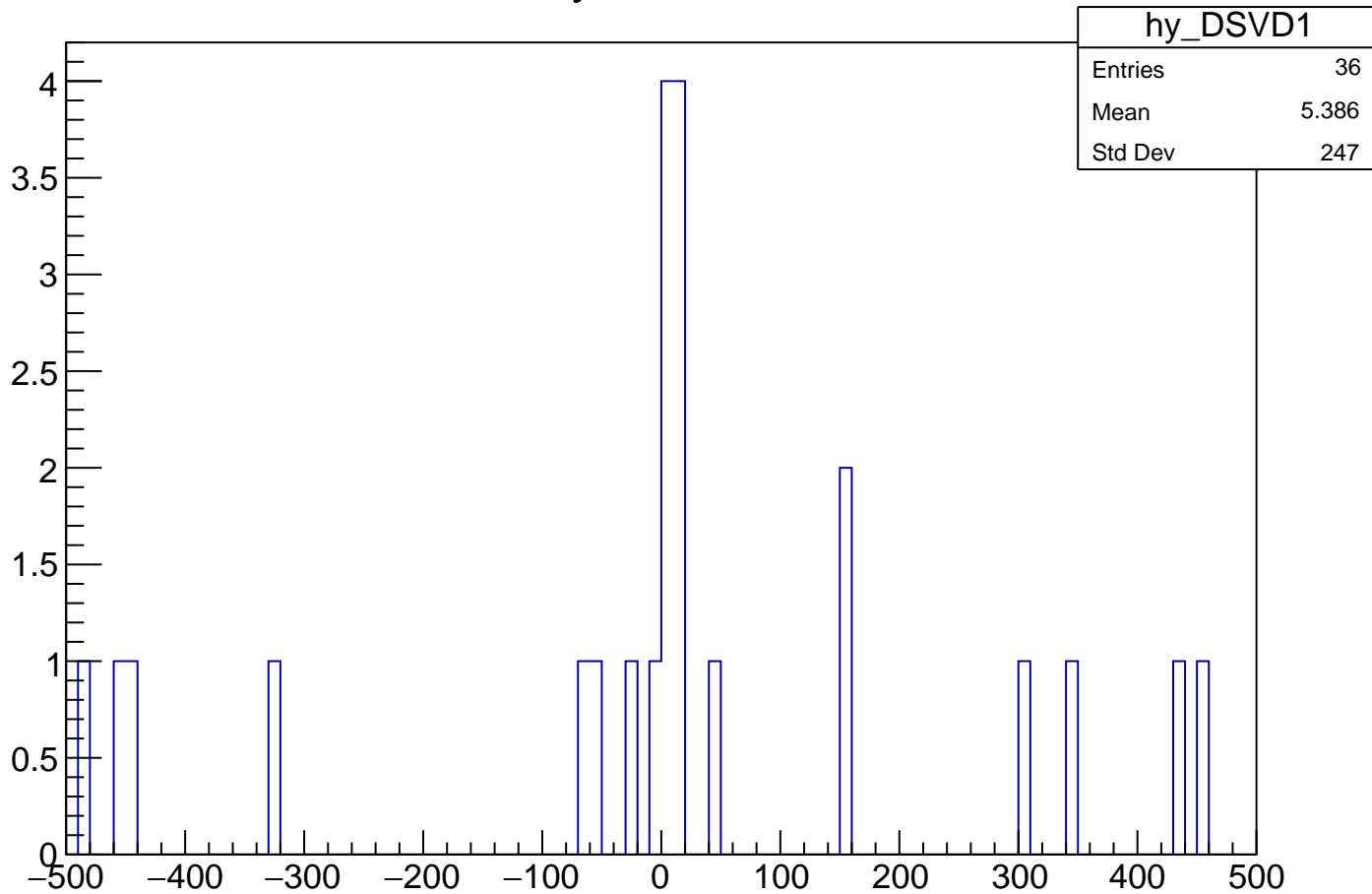
hE_DSVD1



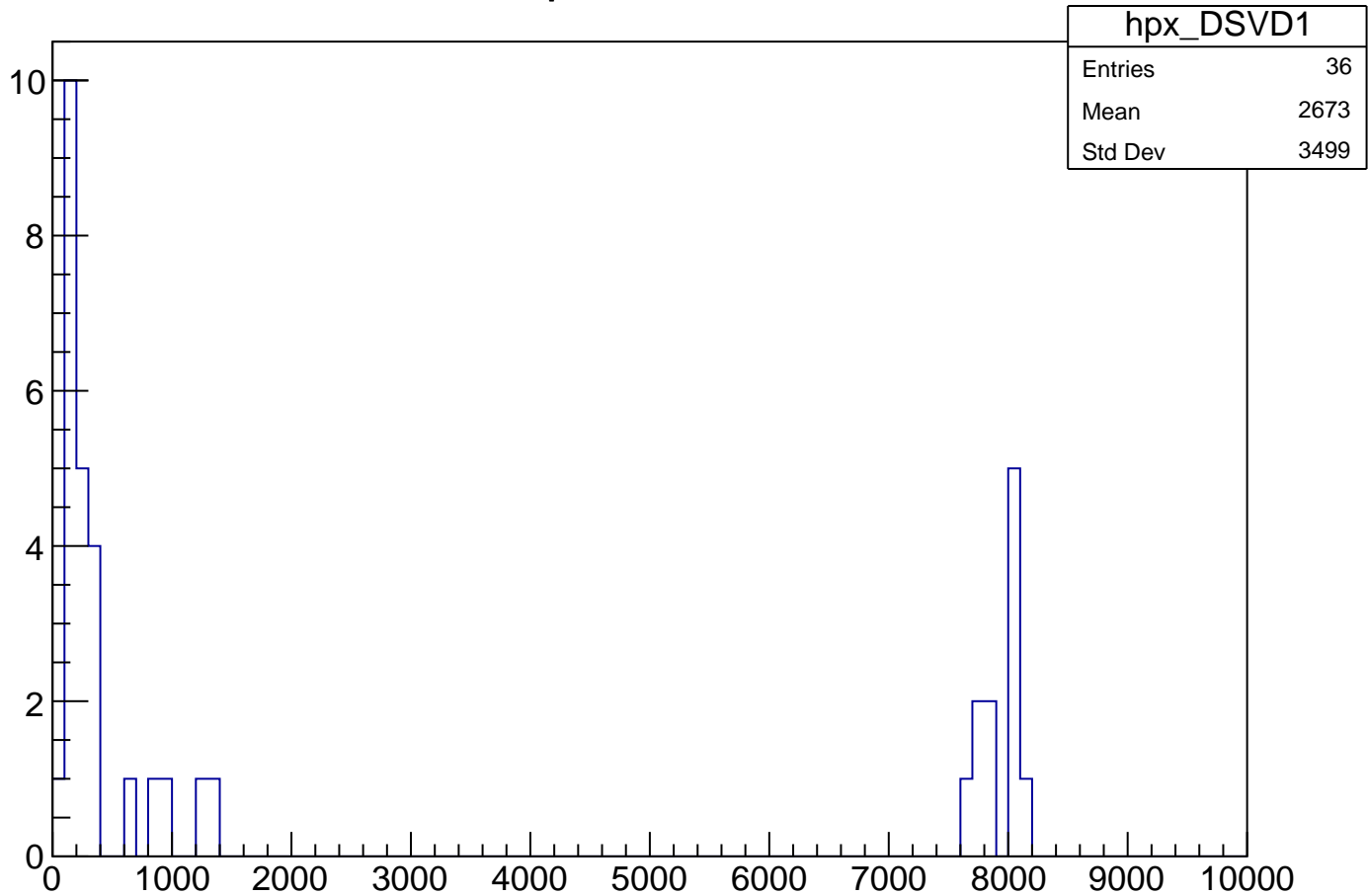
hx_DSVD1



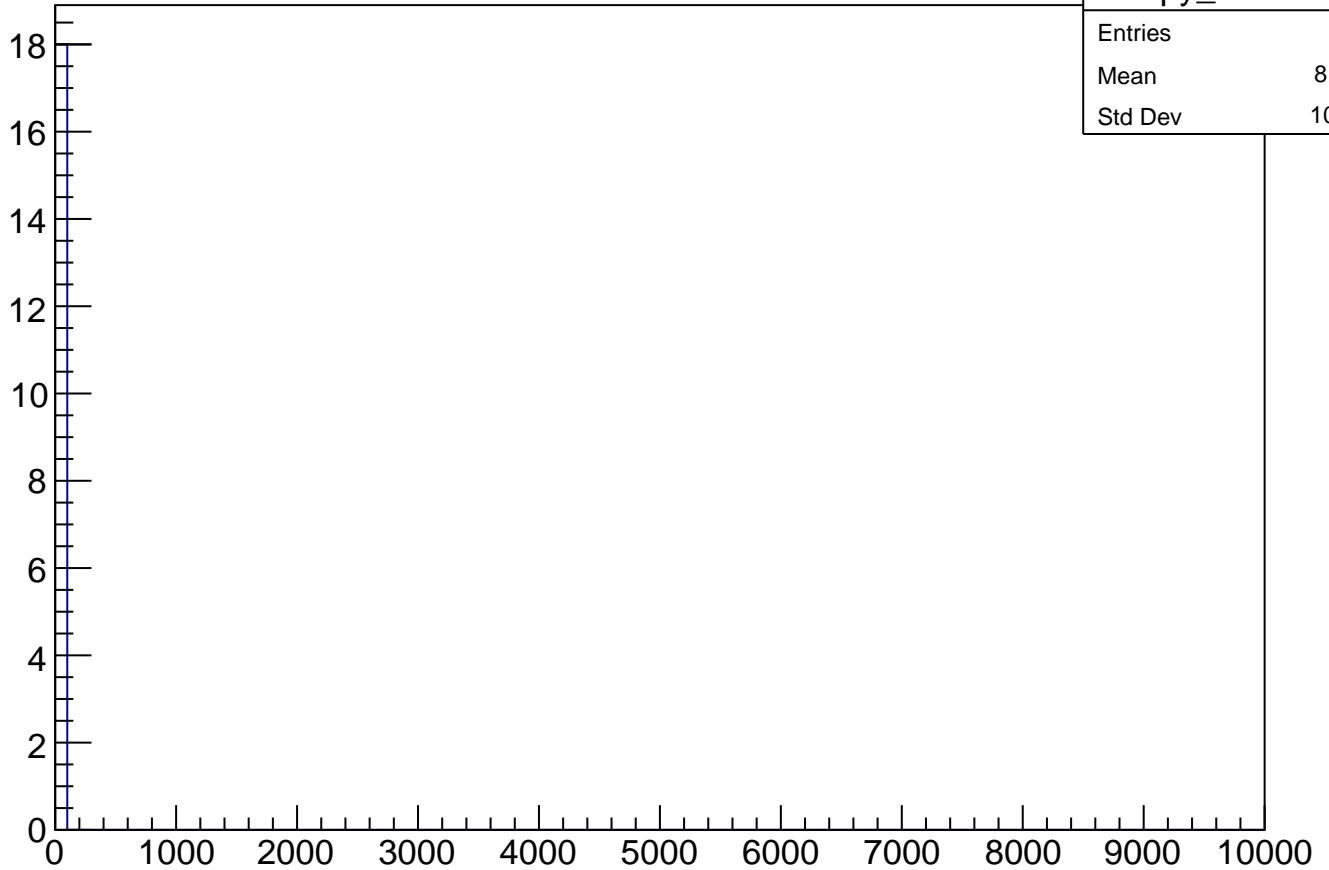
hy_DSVD1



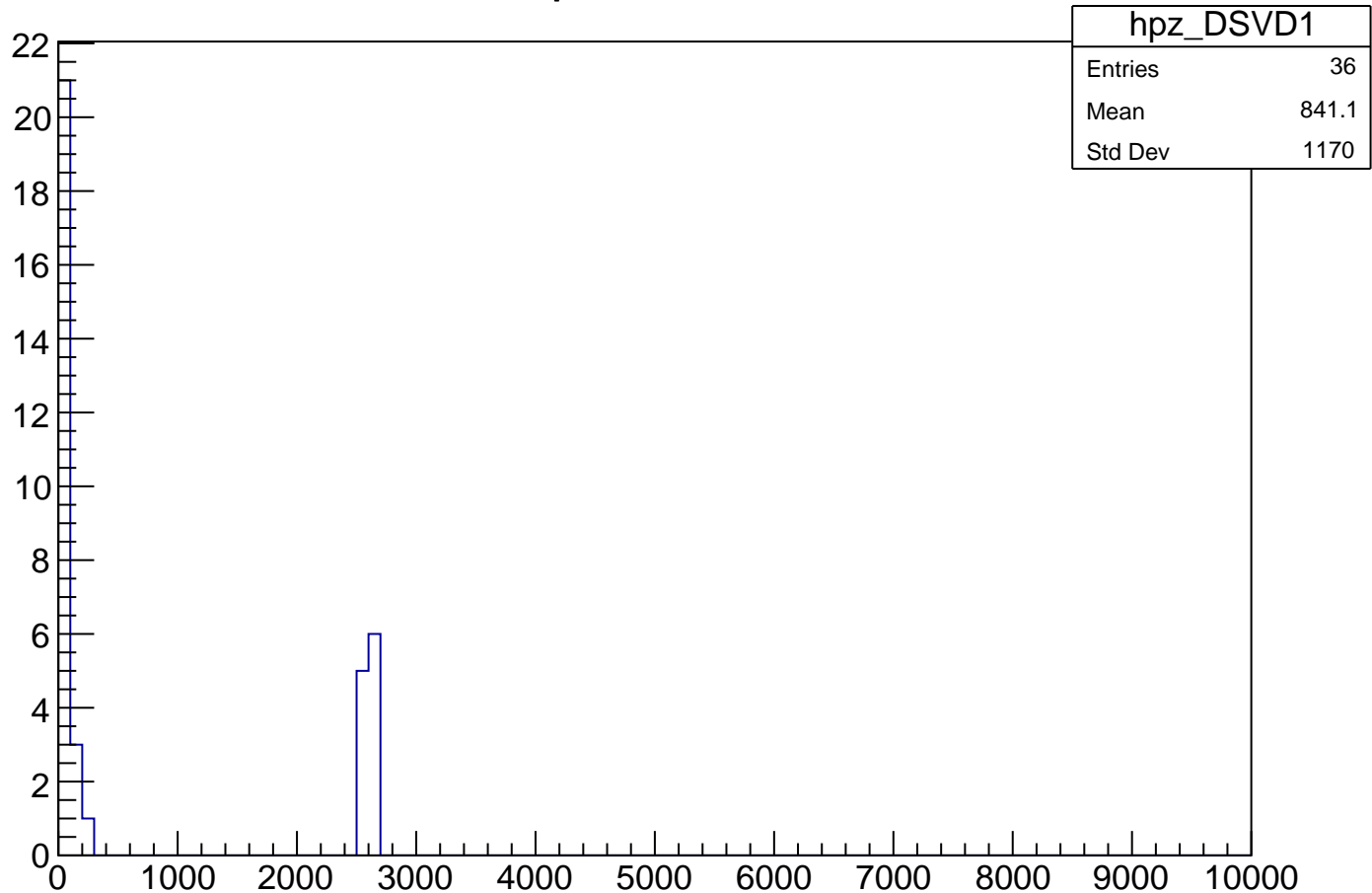
hpx_DSVD1



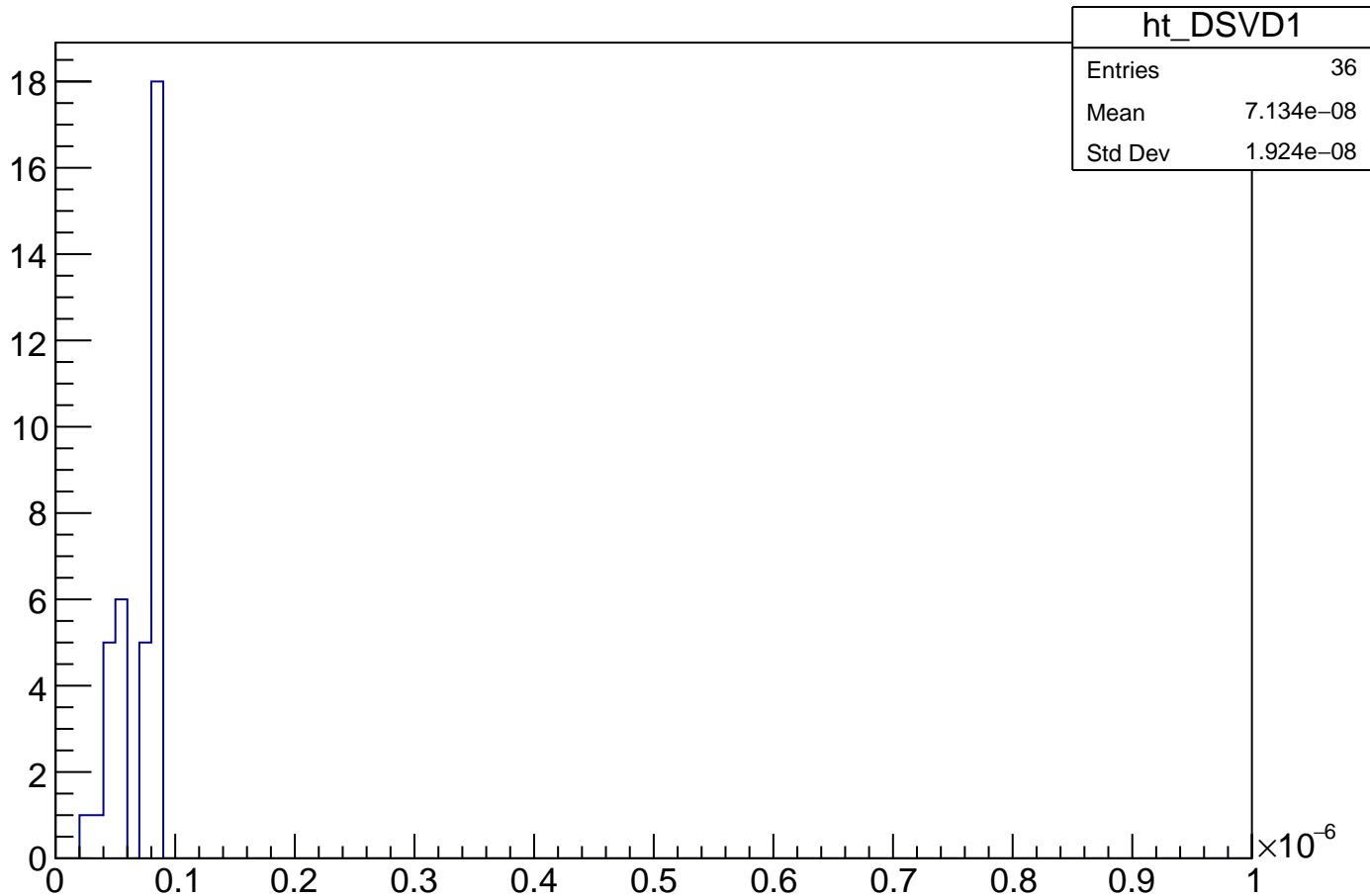
hpy_DSVD1



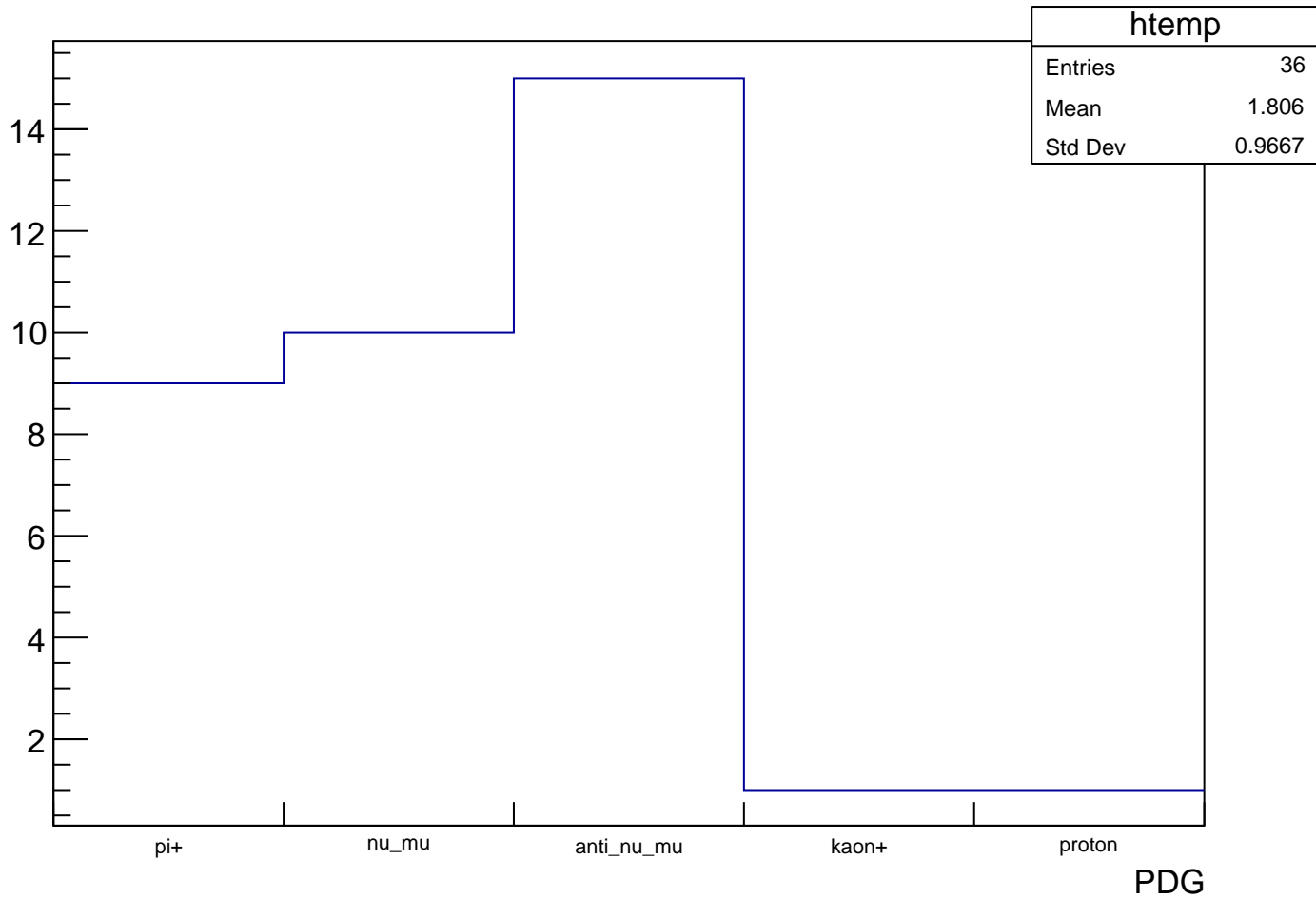
hpz_DSVD1



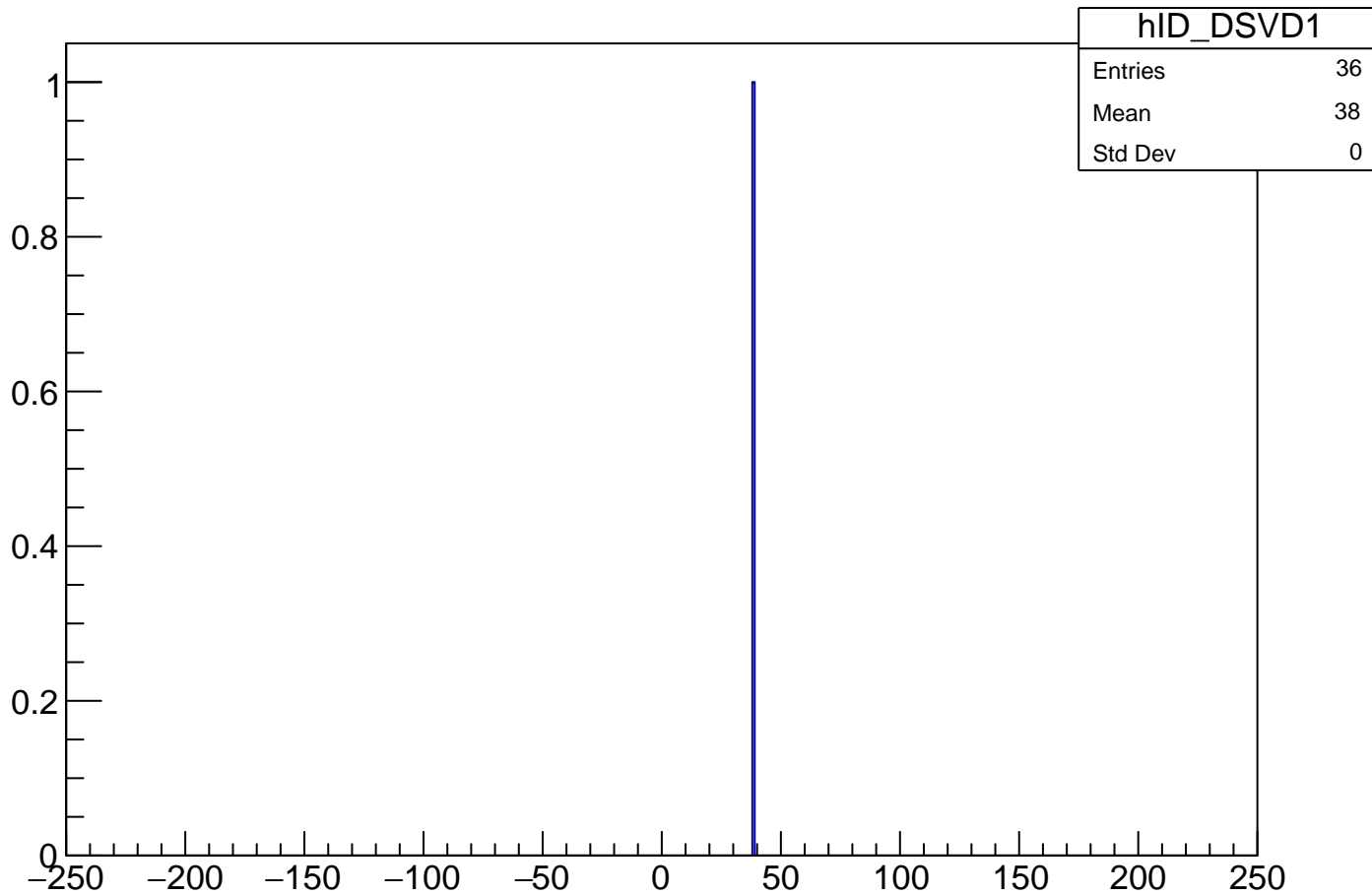
ht_DSVD1



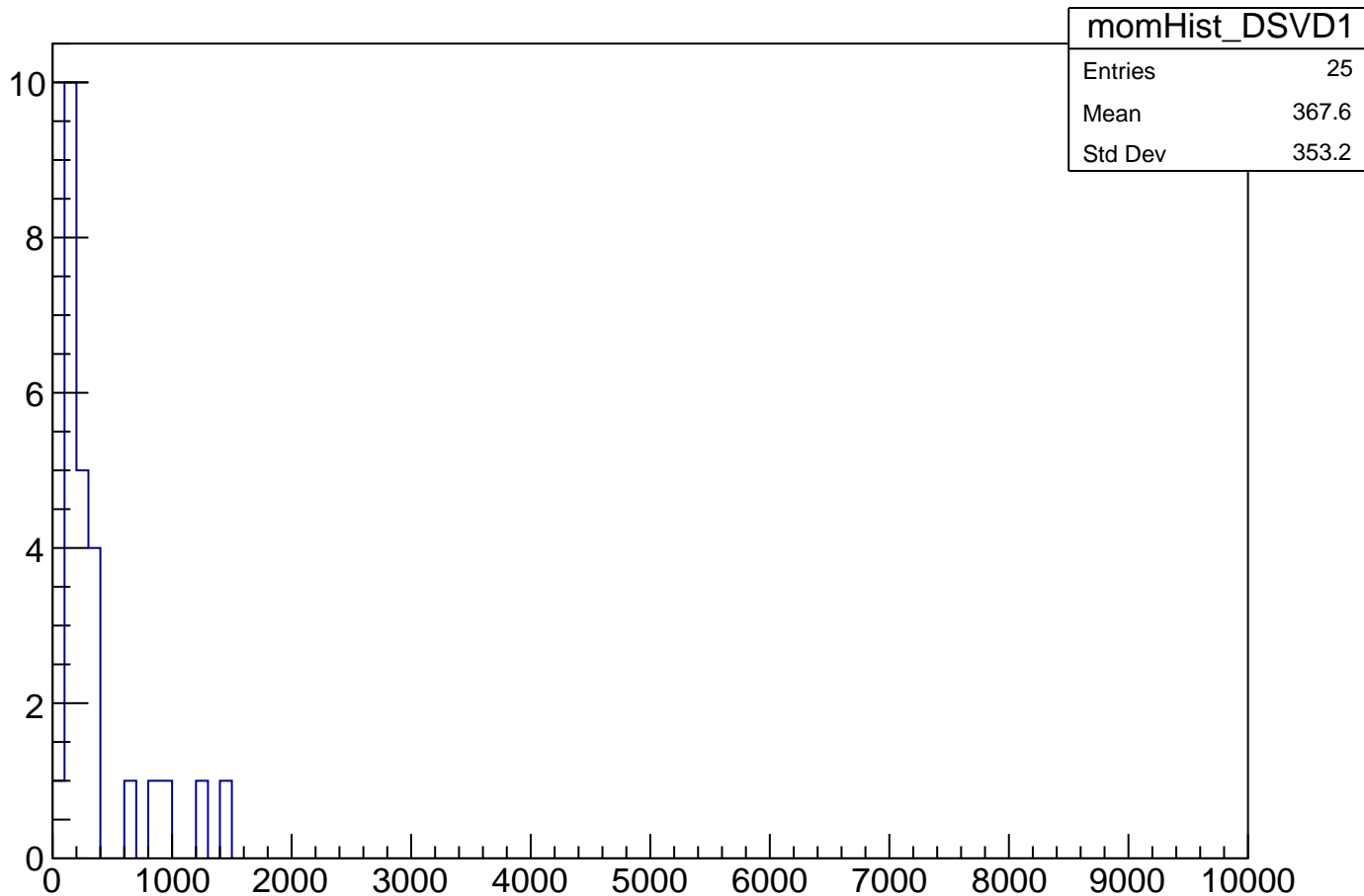
PDG



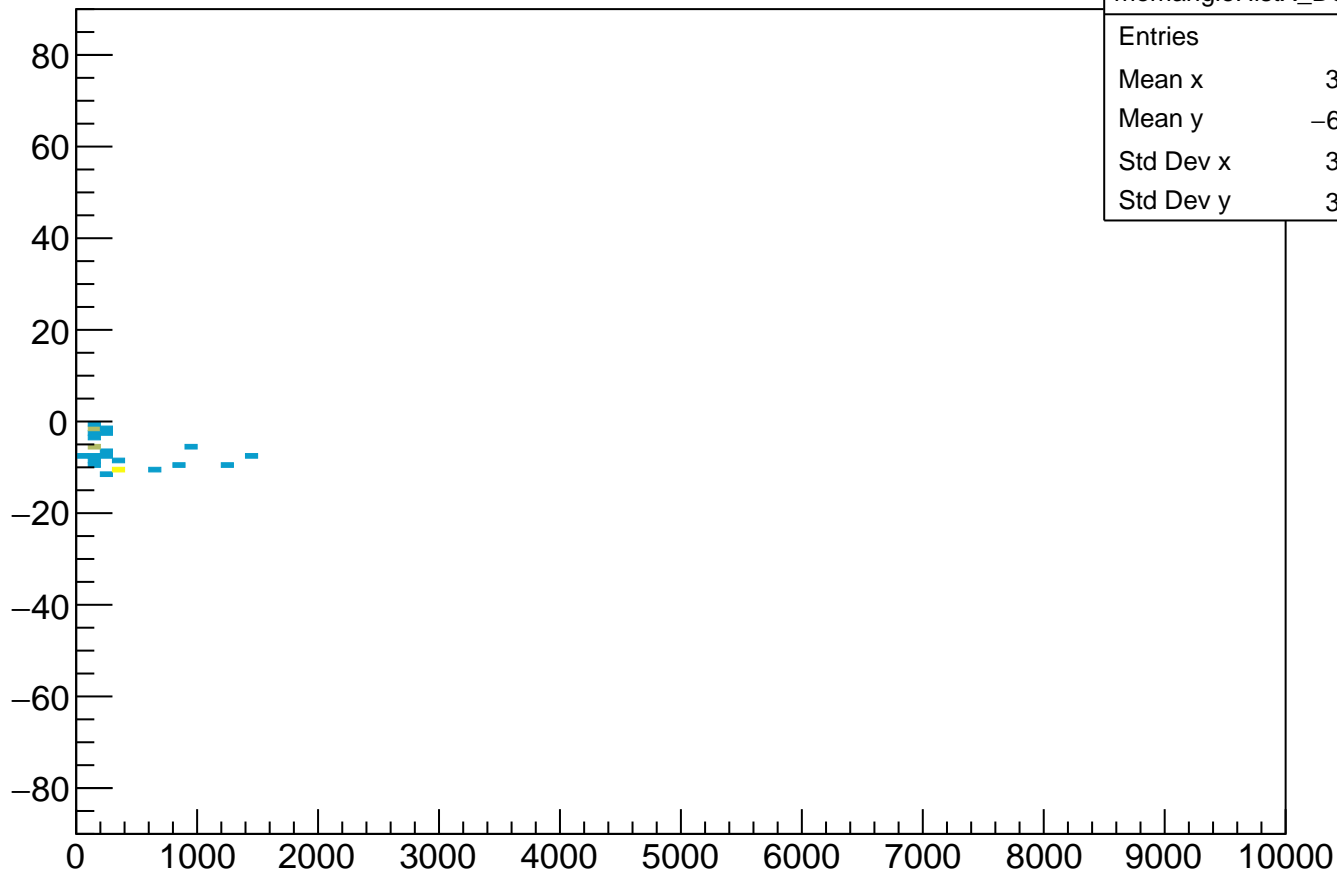
hID_DSVD1



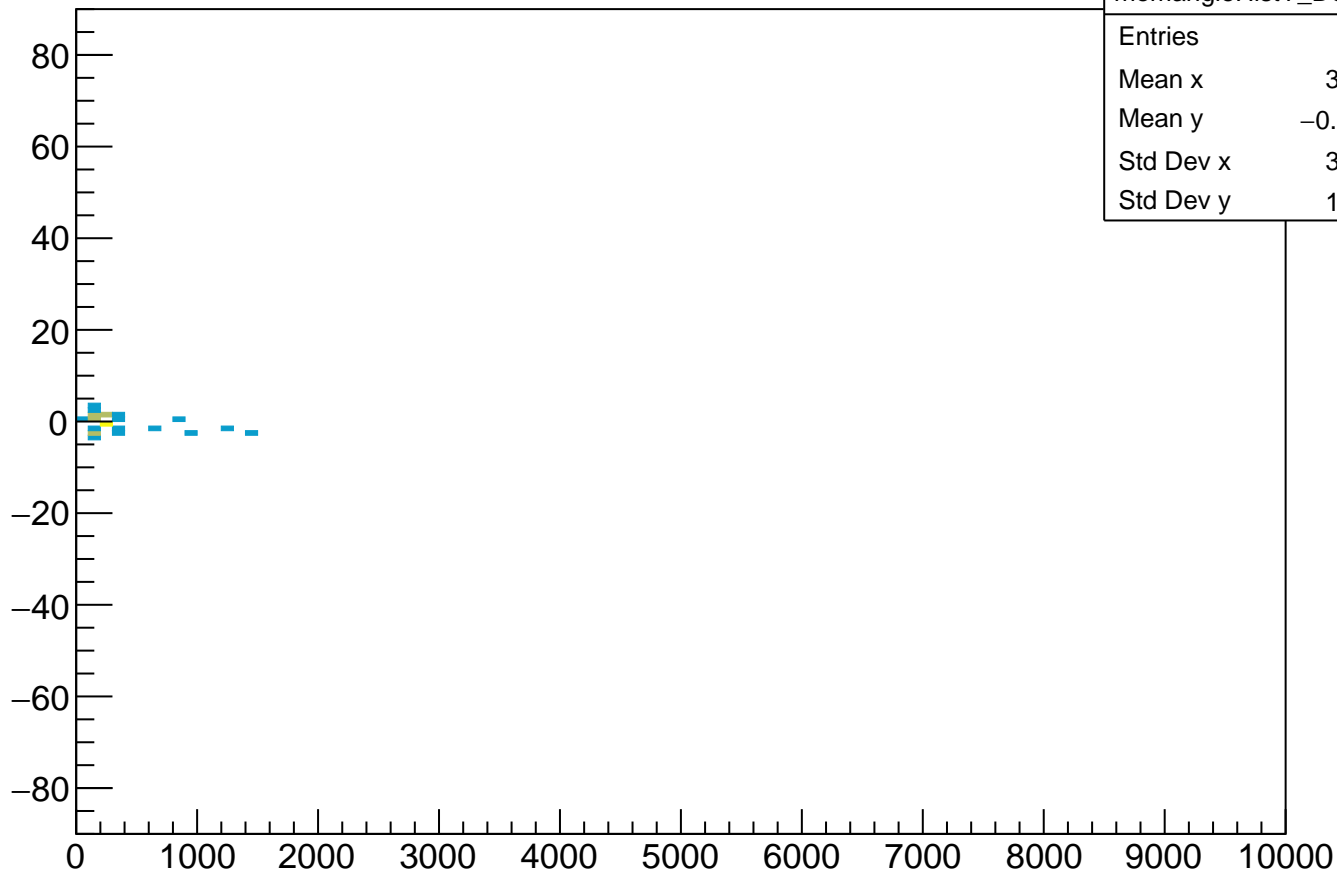
momHist_DSVD1



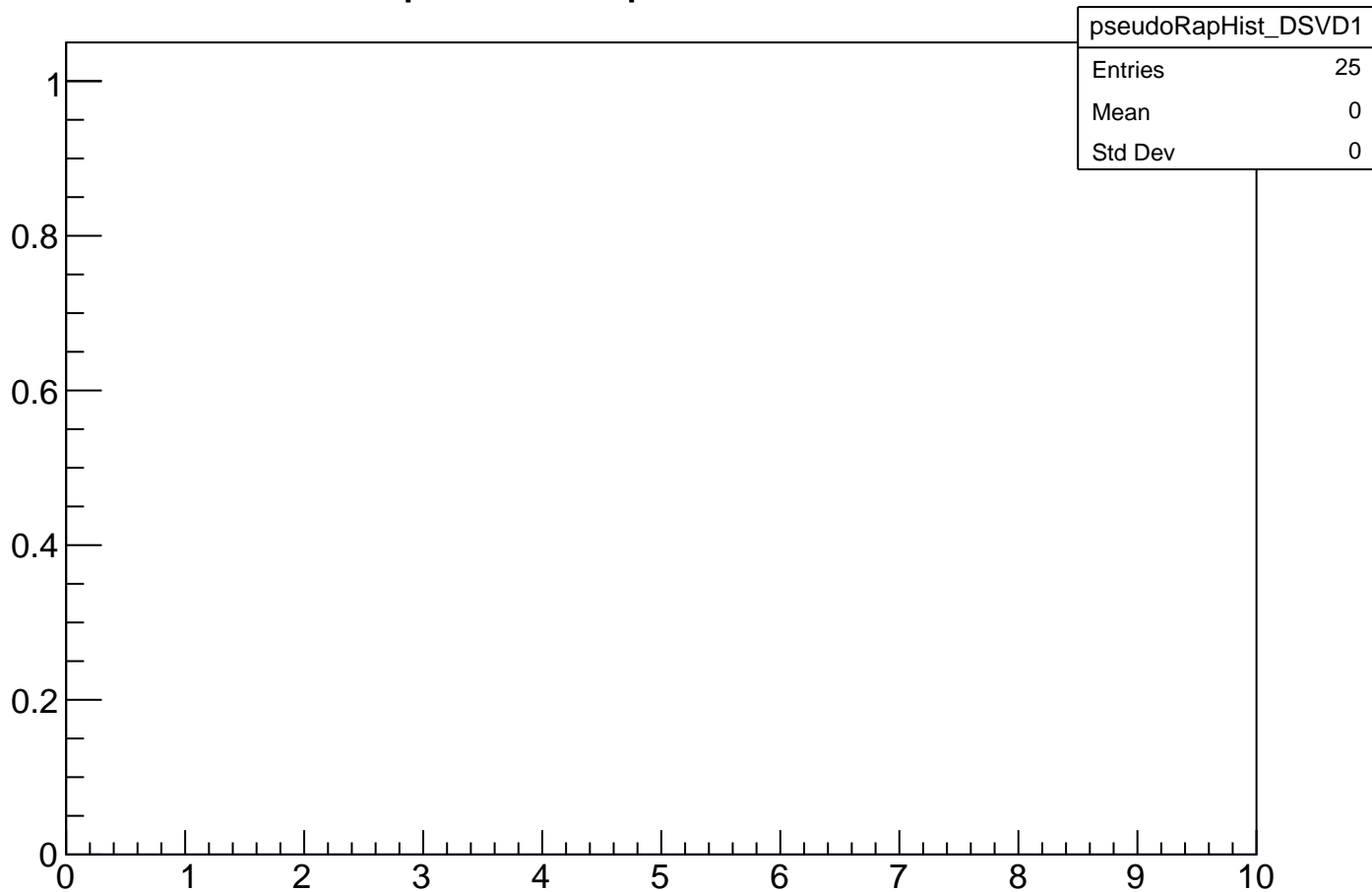
momangleHistX_DSVD1



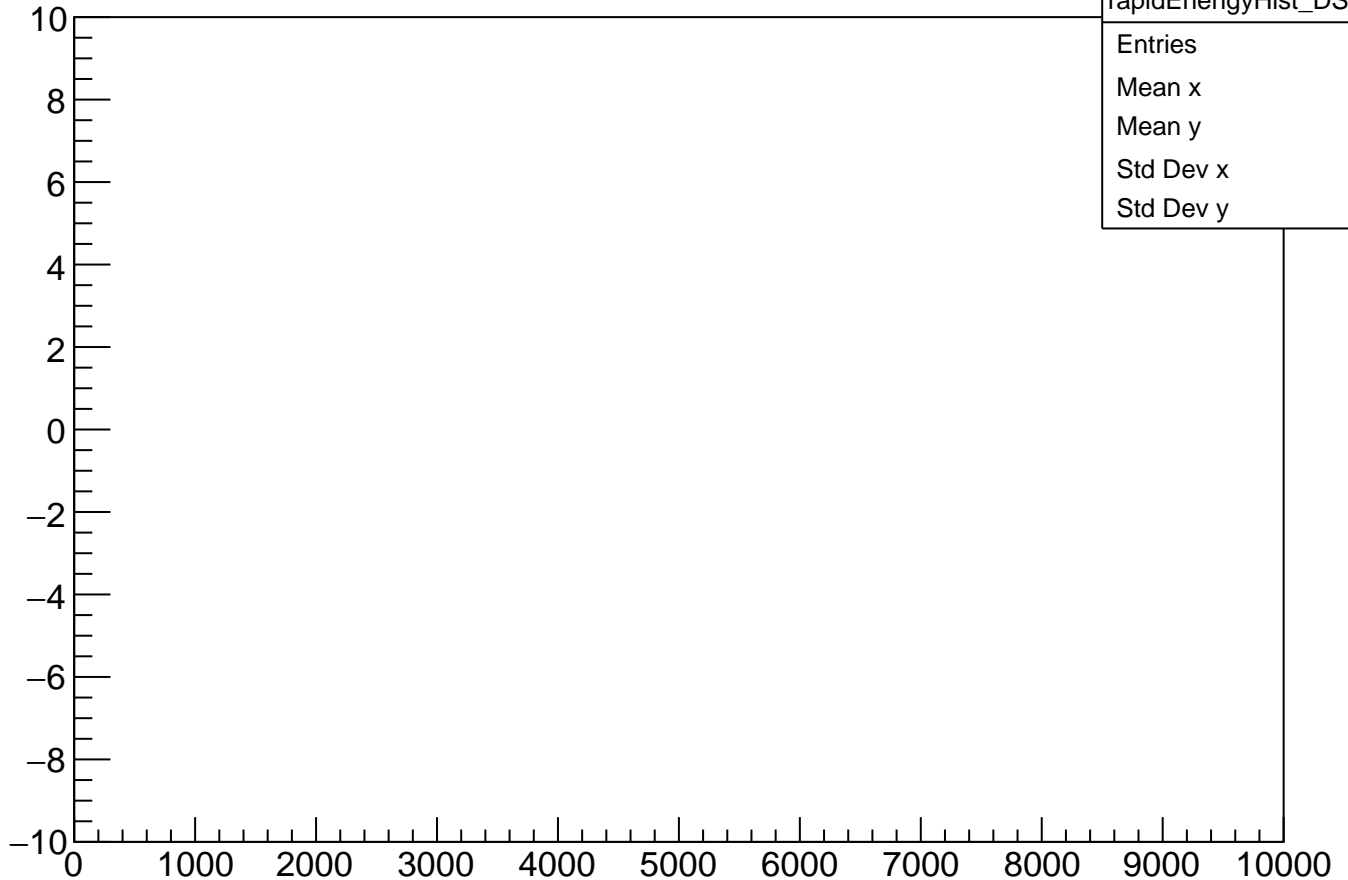
momangleHistY_DSVD1



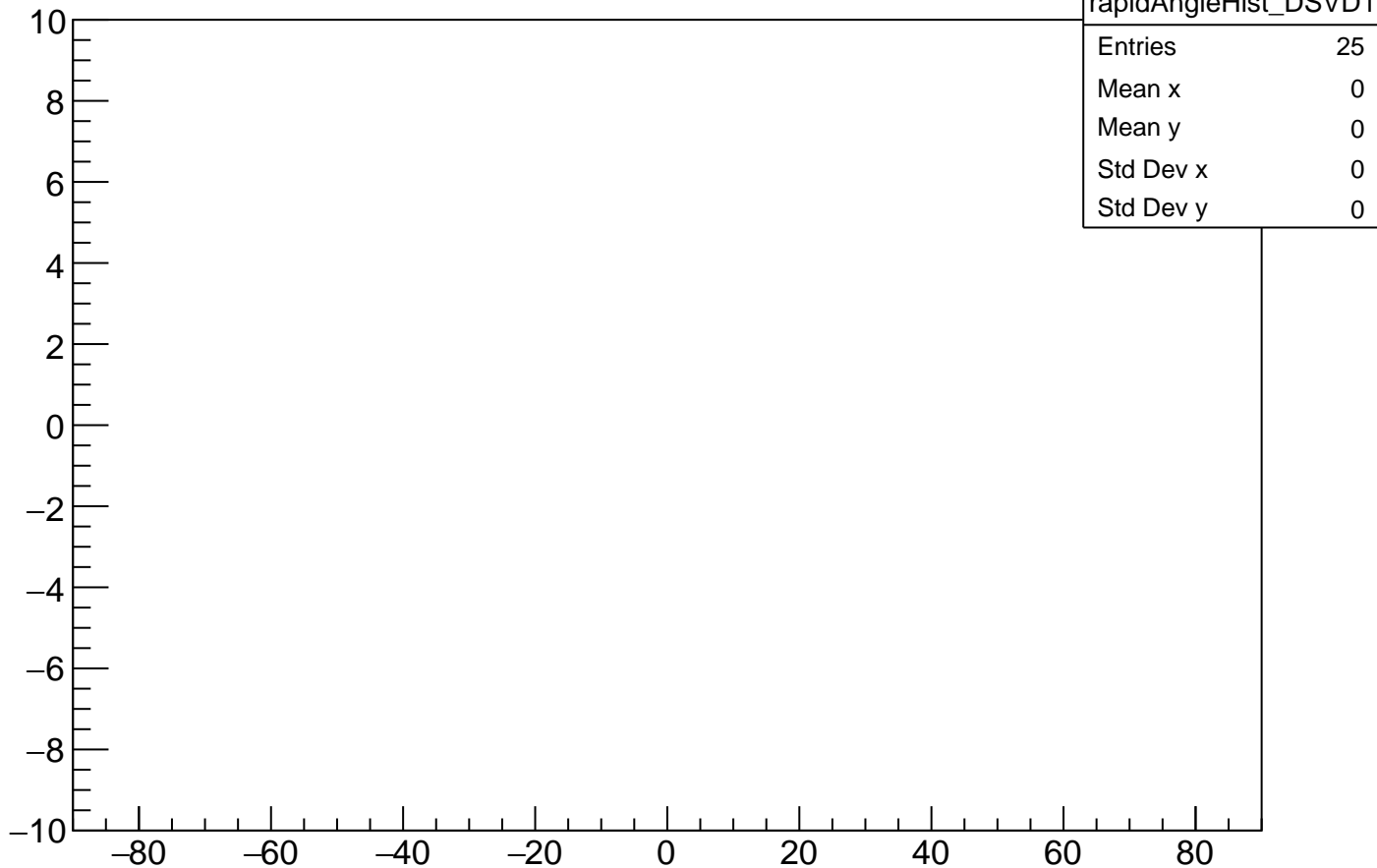
pseudoRapHist_DSVD1



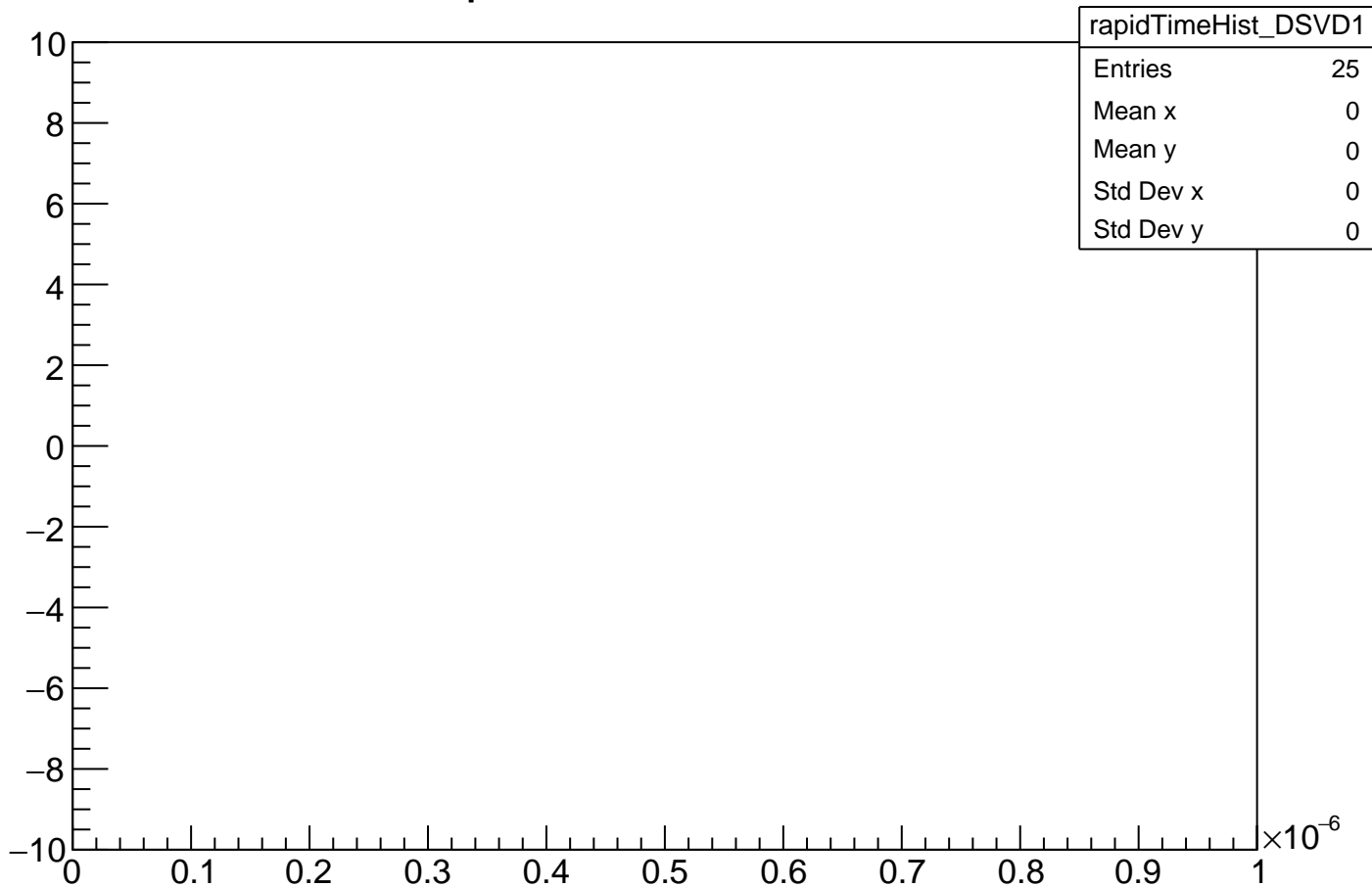
rapidEnergyHist_DSVD1



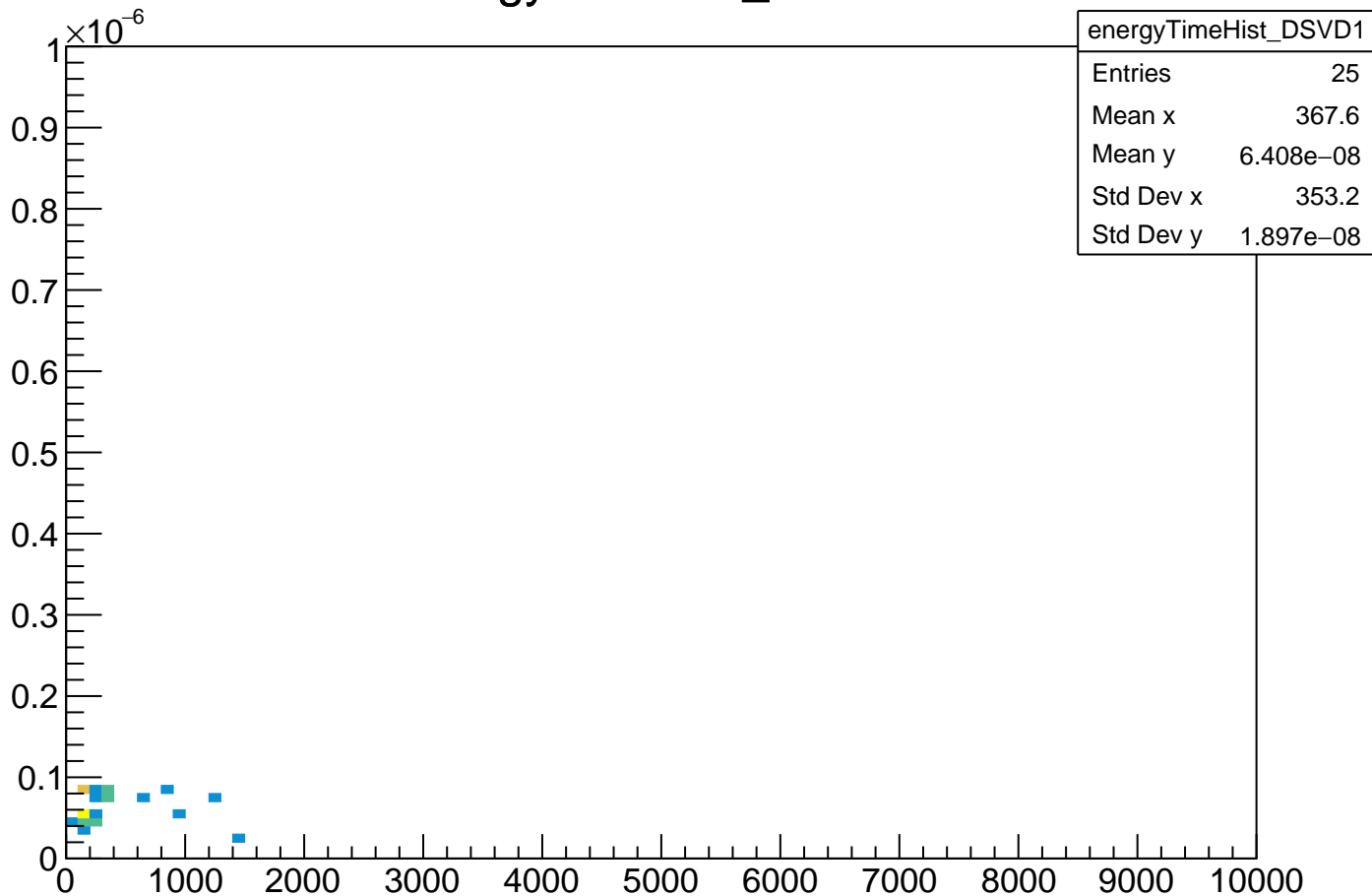
rapidAngleHist_DSVD1



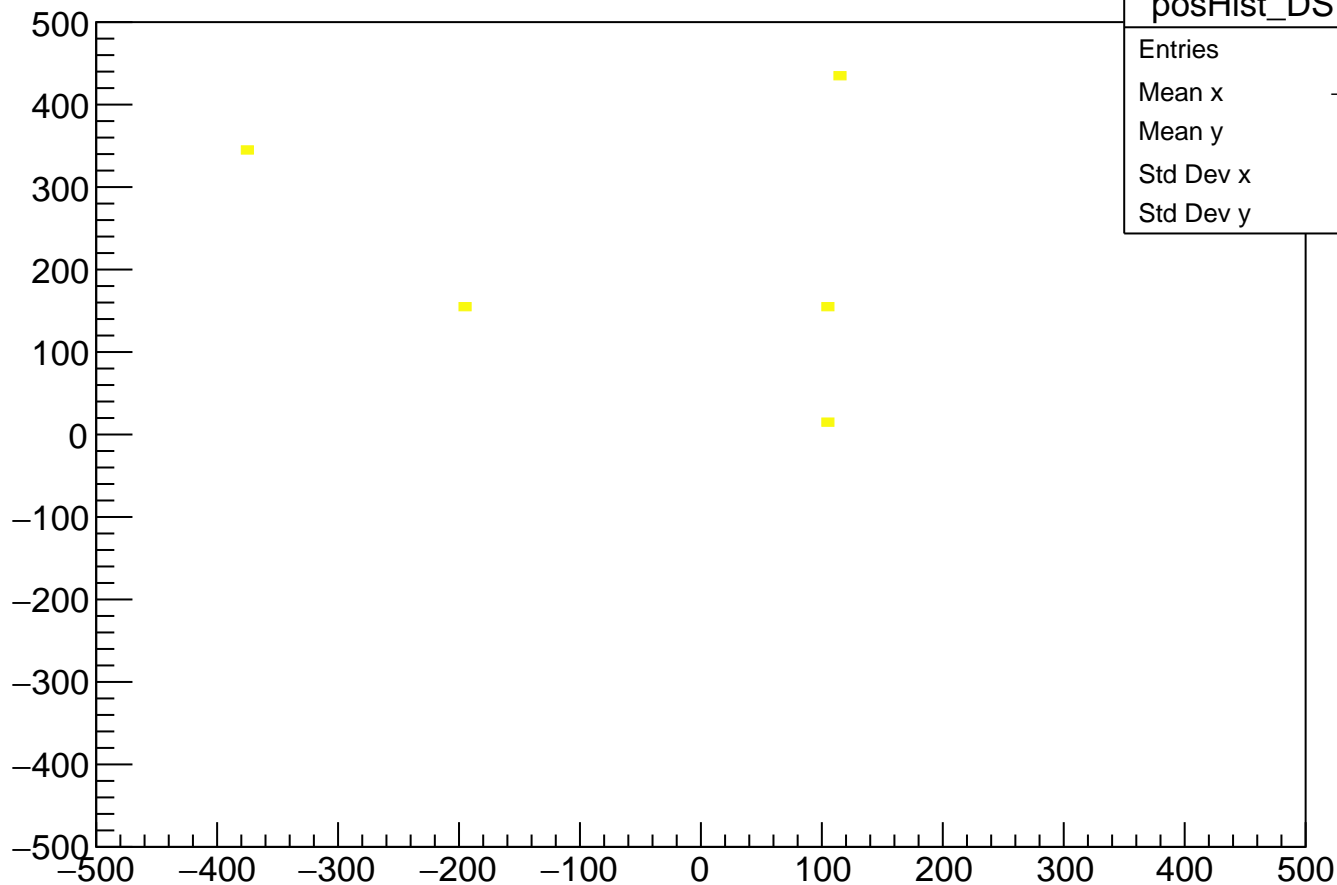
rapidTimeHist_DSVD1



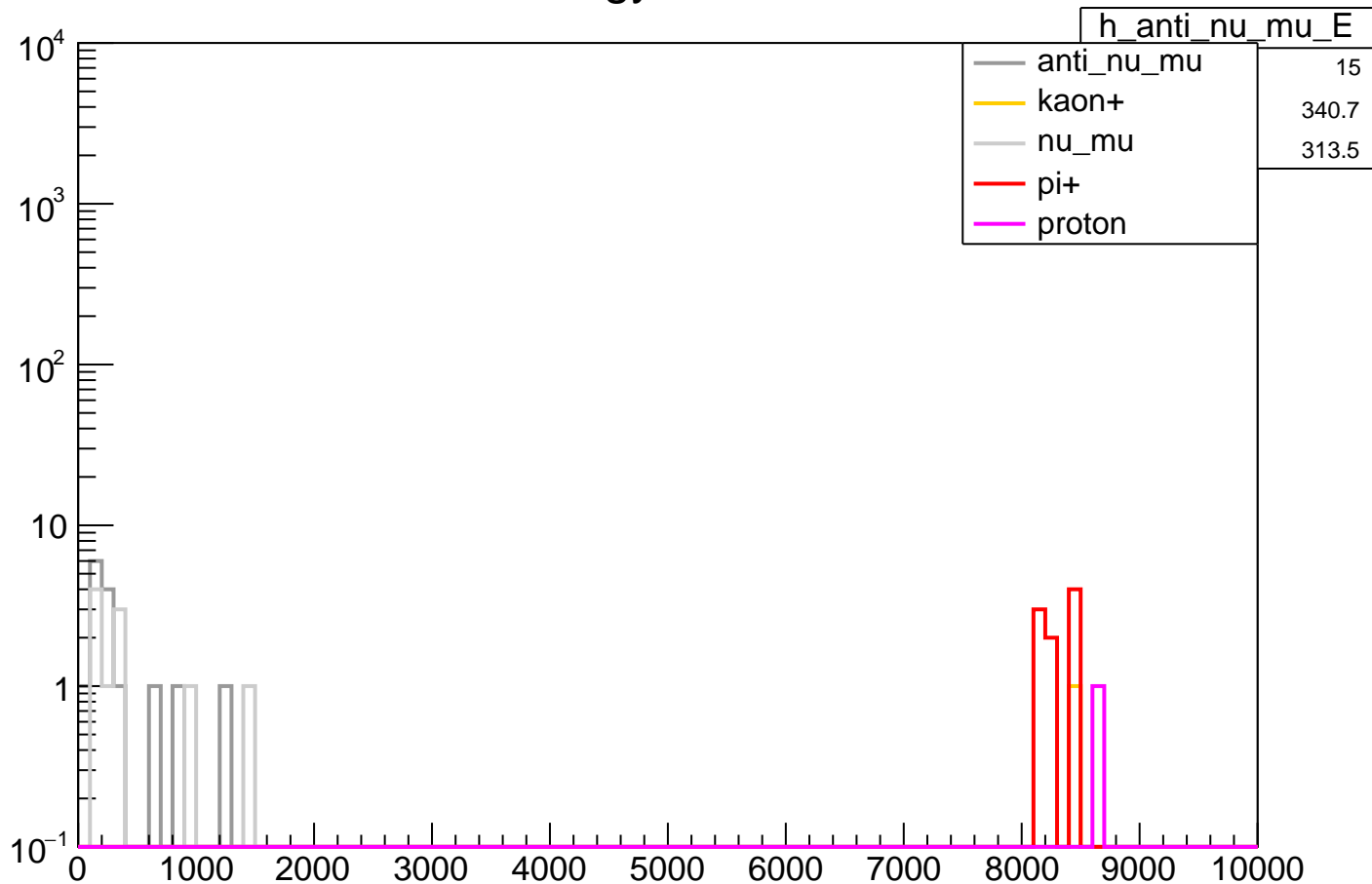
energyTimeHist_DSVD1



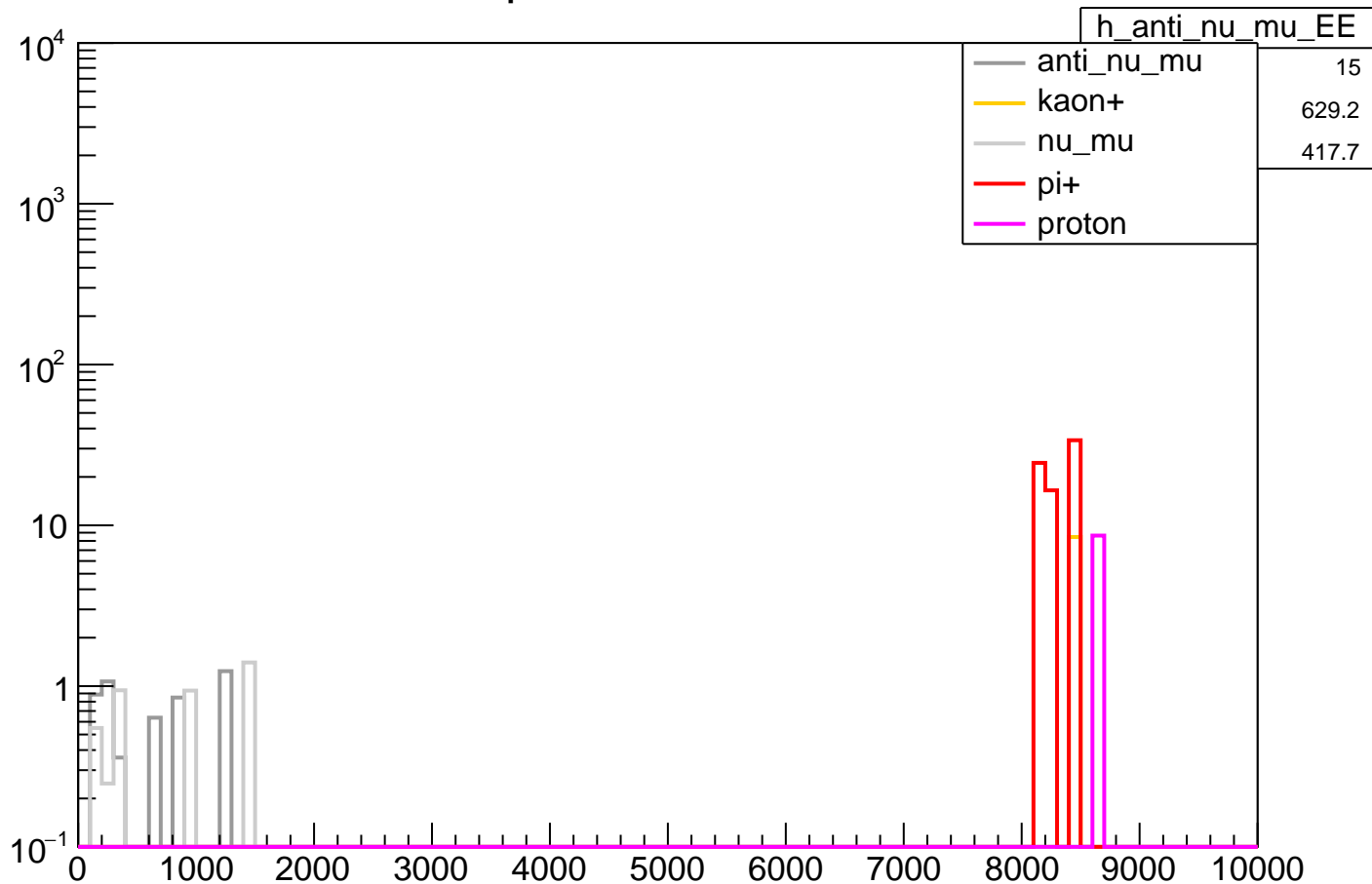
posHist_DSVD1



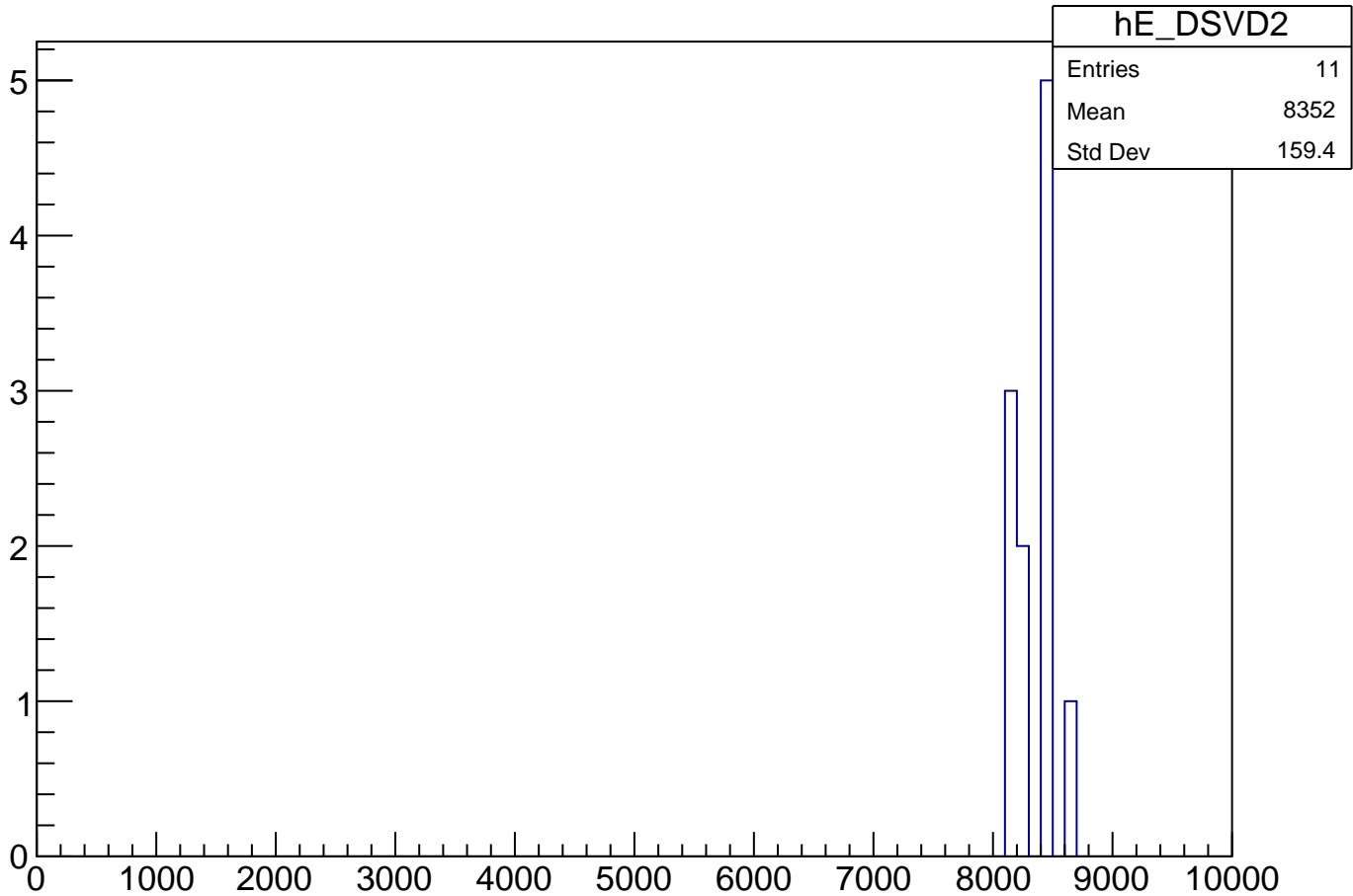
Energy_DSVD1



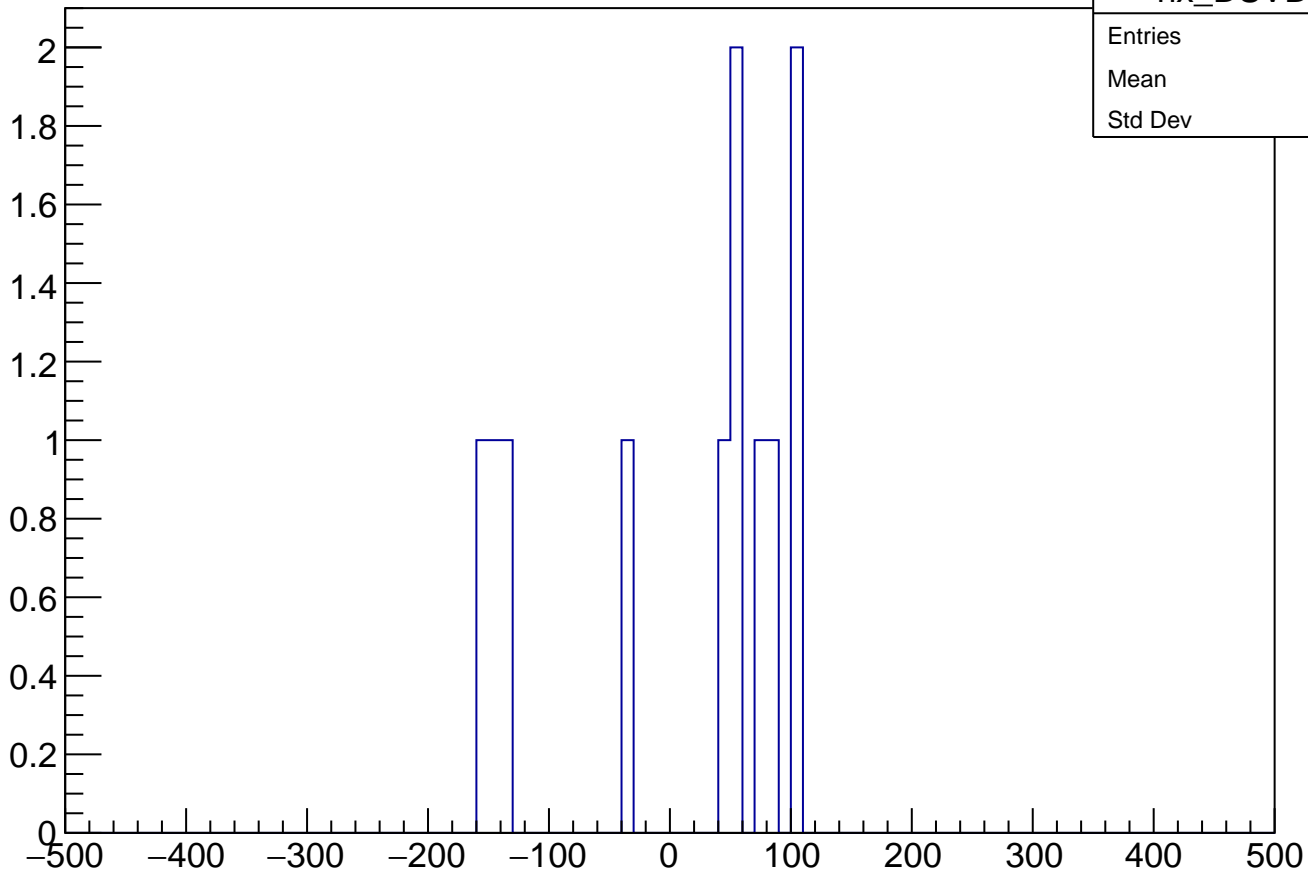
Spectrum_DSVD1



hE_DSVD2

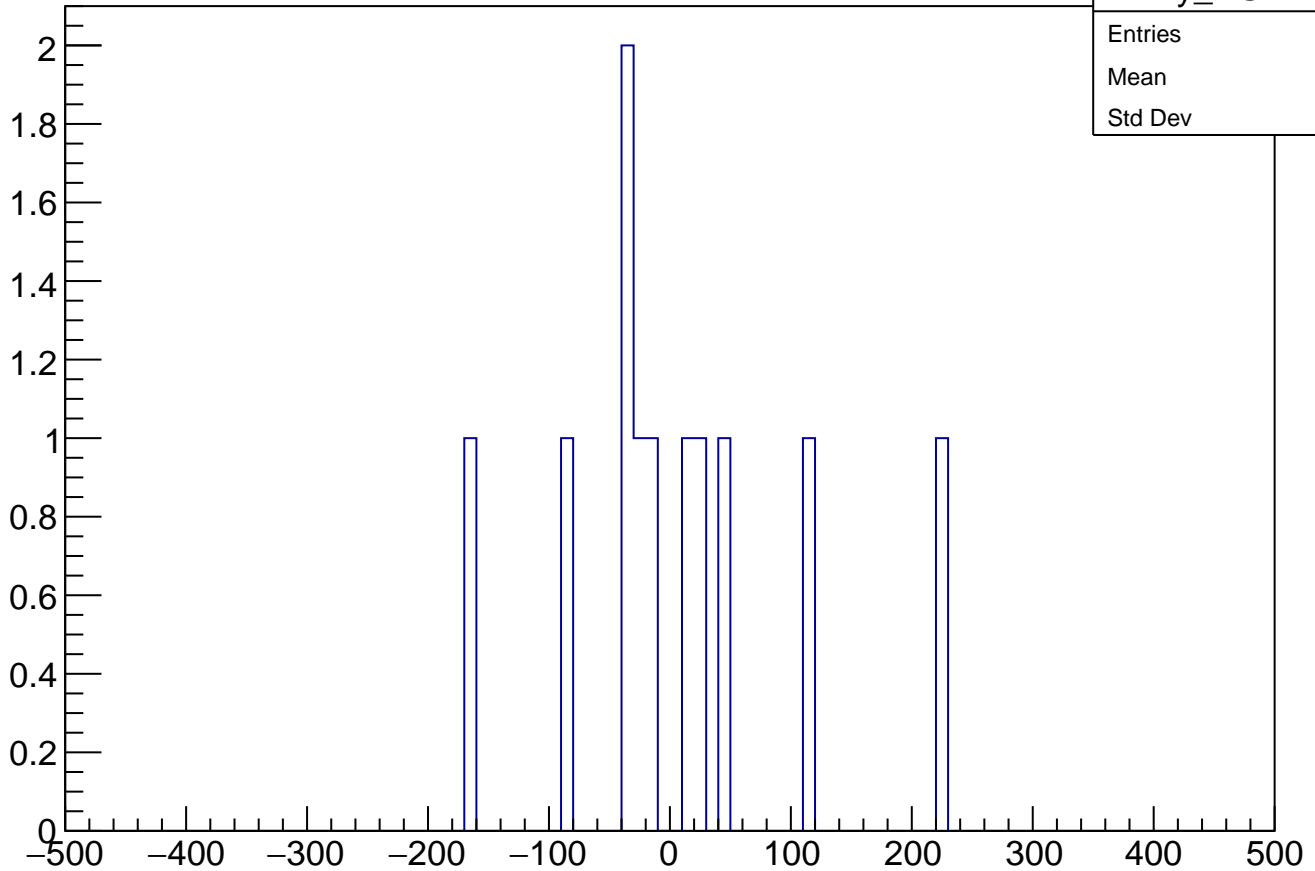


hx_DSVD2



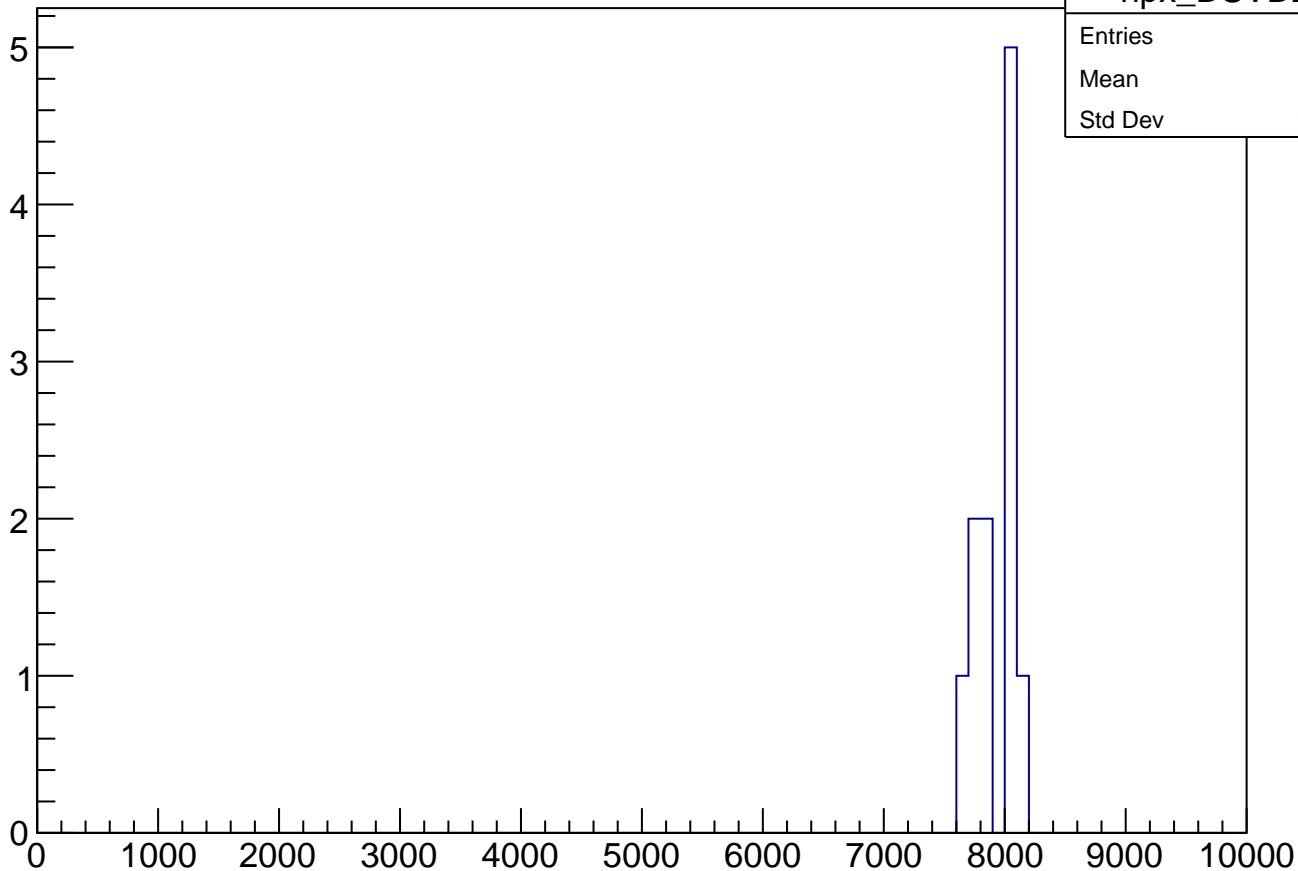
hx_DSVD2	
Entries	11
Mean	4.643
Std Dev	97.64

hy_DSVD2

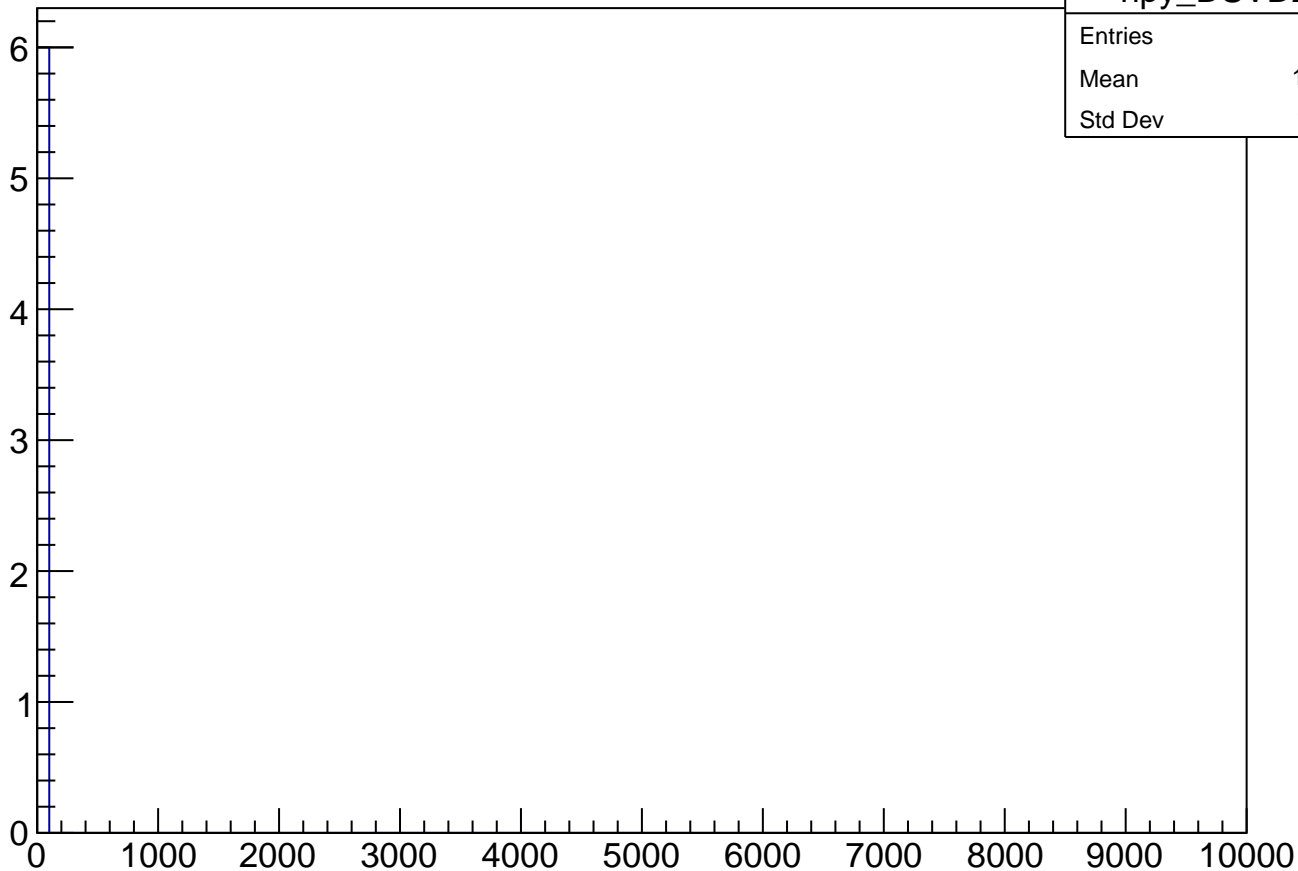


hy_DSVD2	
Entries	11
Mean	5.834
Std Dev	97.97

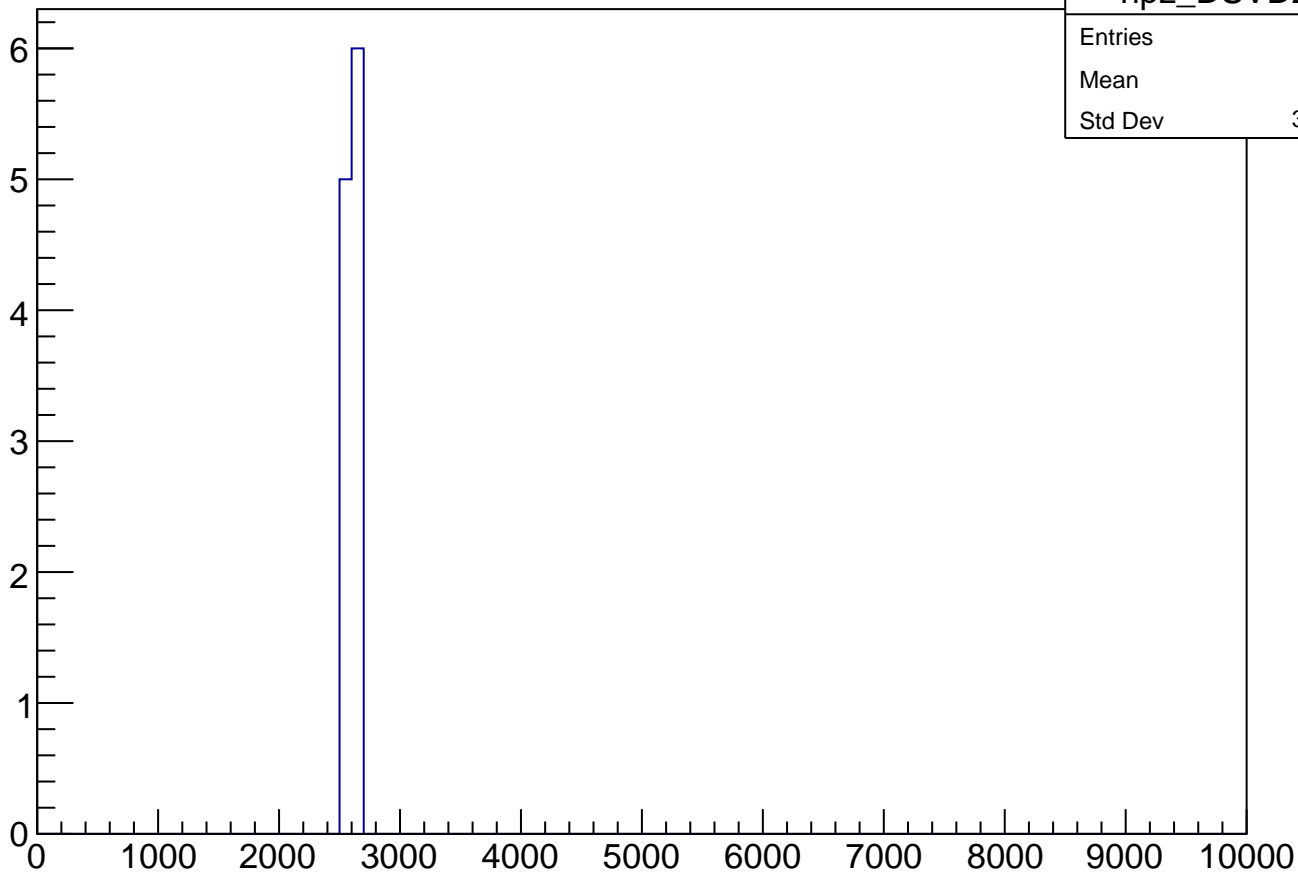
hpx_DSVD2



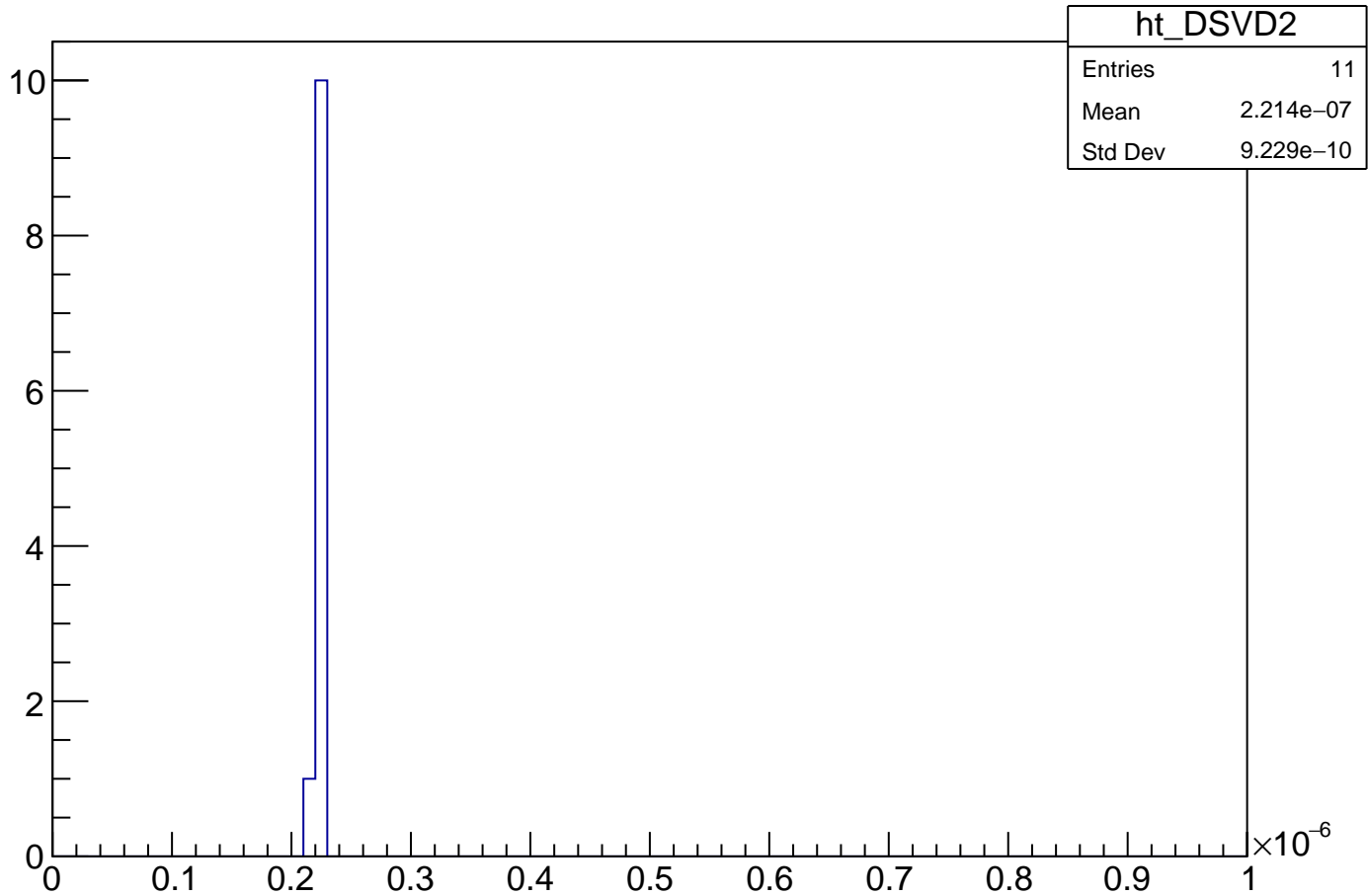
hpy_DSVD2



hpz_DSVD2

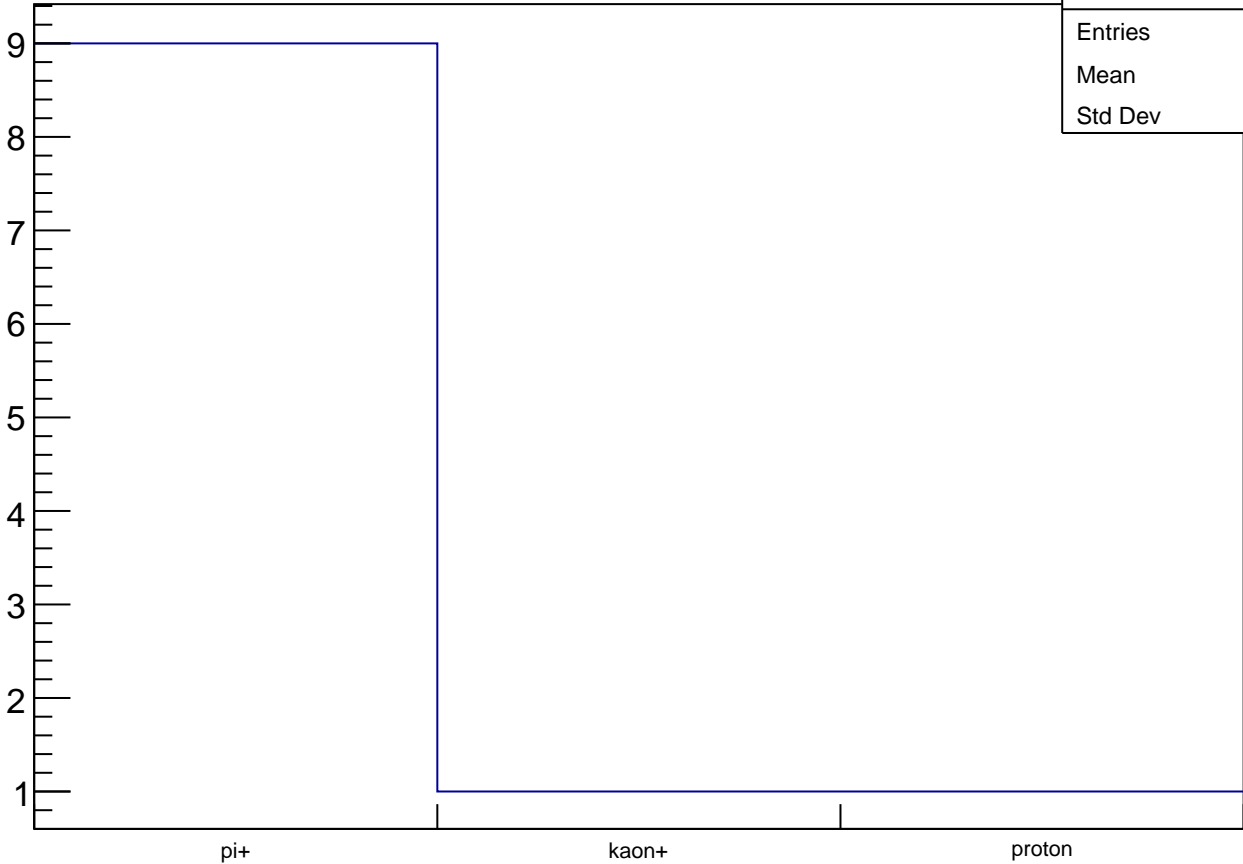


ht_DSVD2



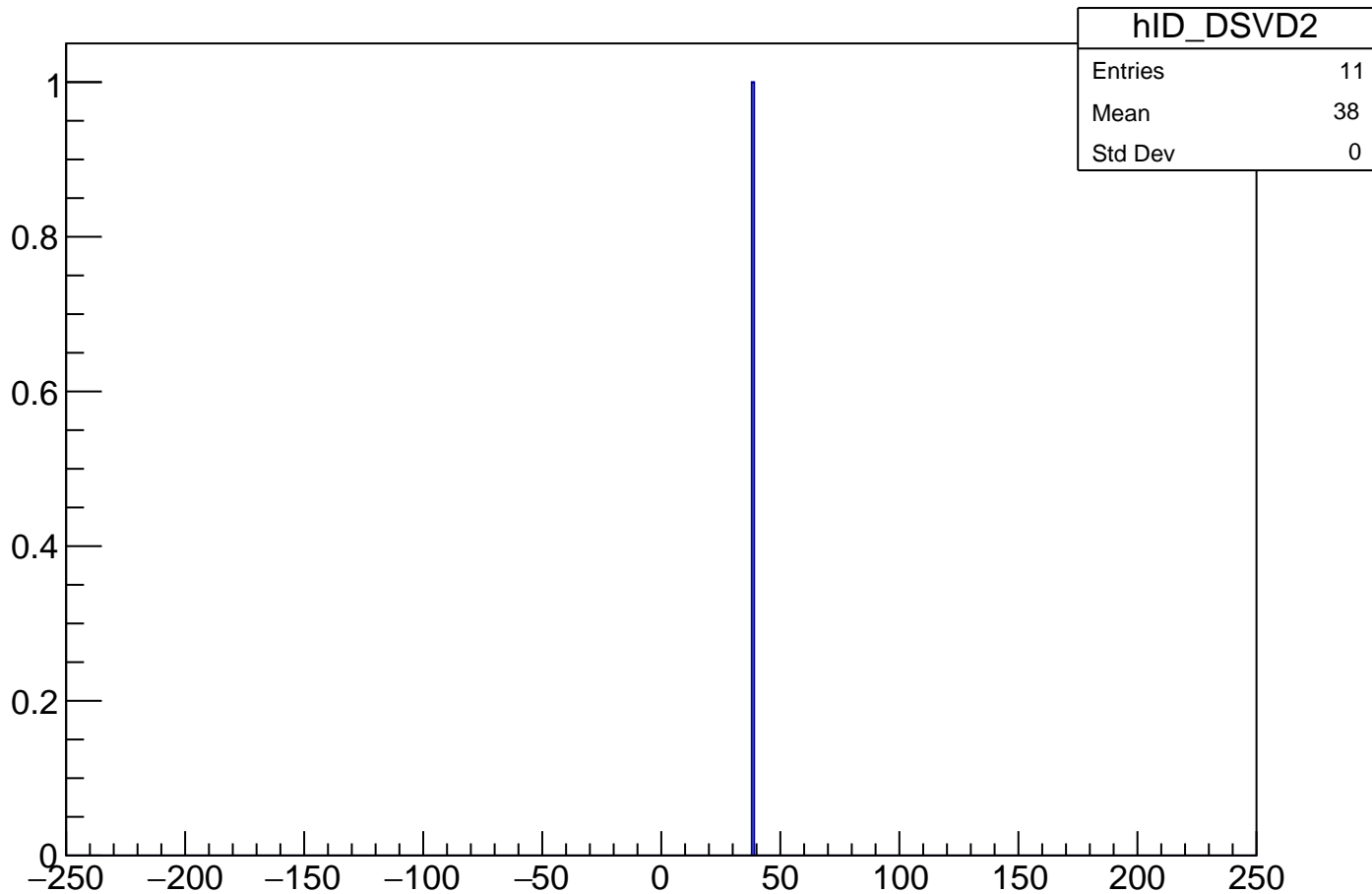
PDG

htemp	
Entries	11
Mean	0.7727
Std Dev	0.6166

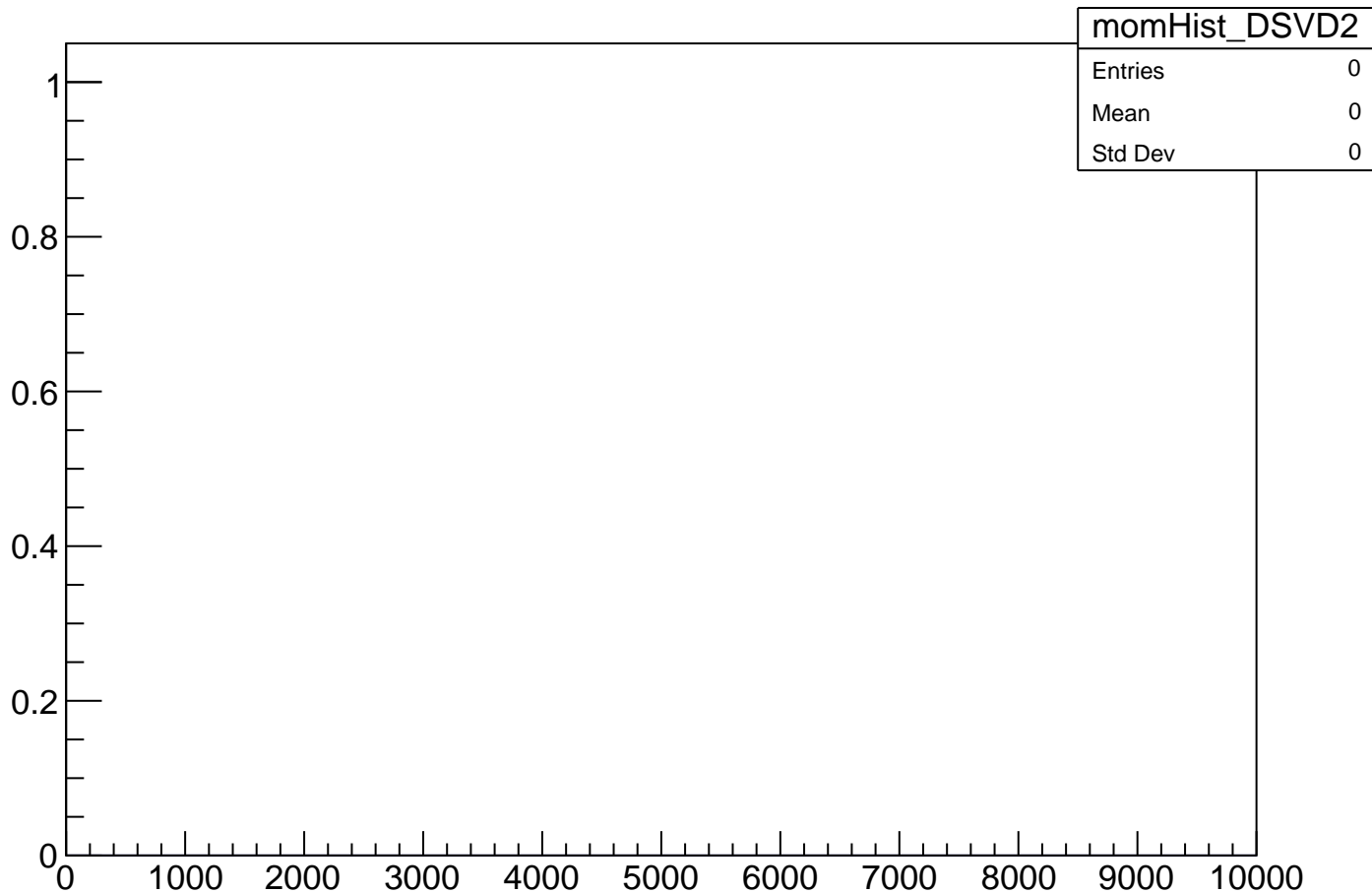


PDG

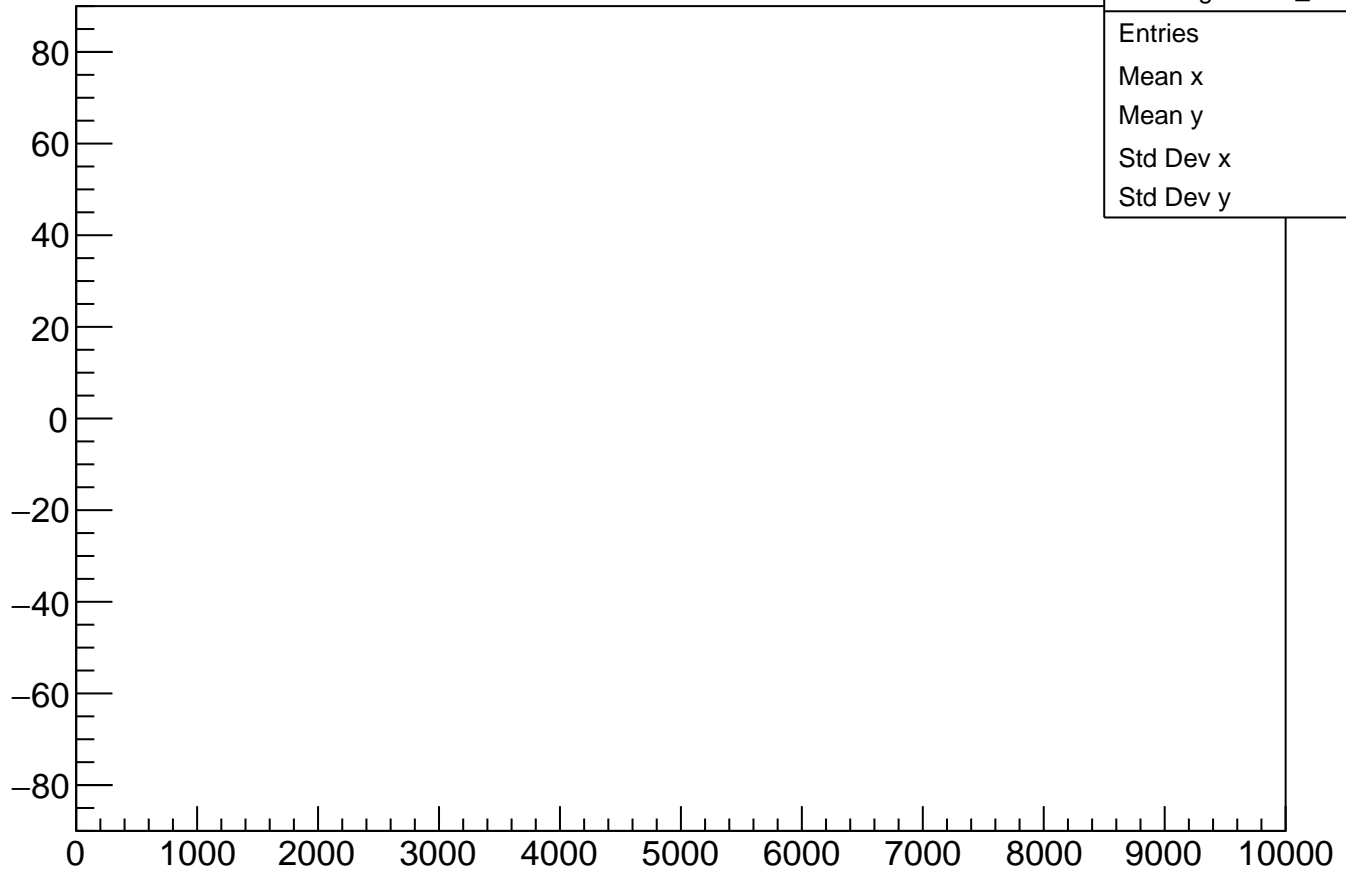
hID_DSVD2



momHist_DSVD2

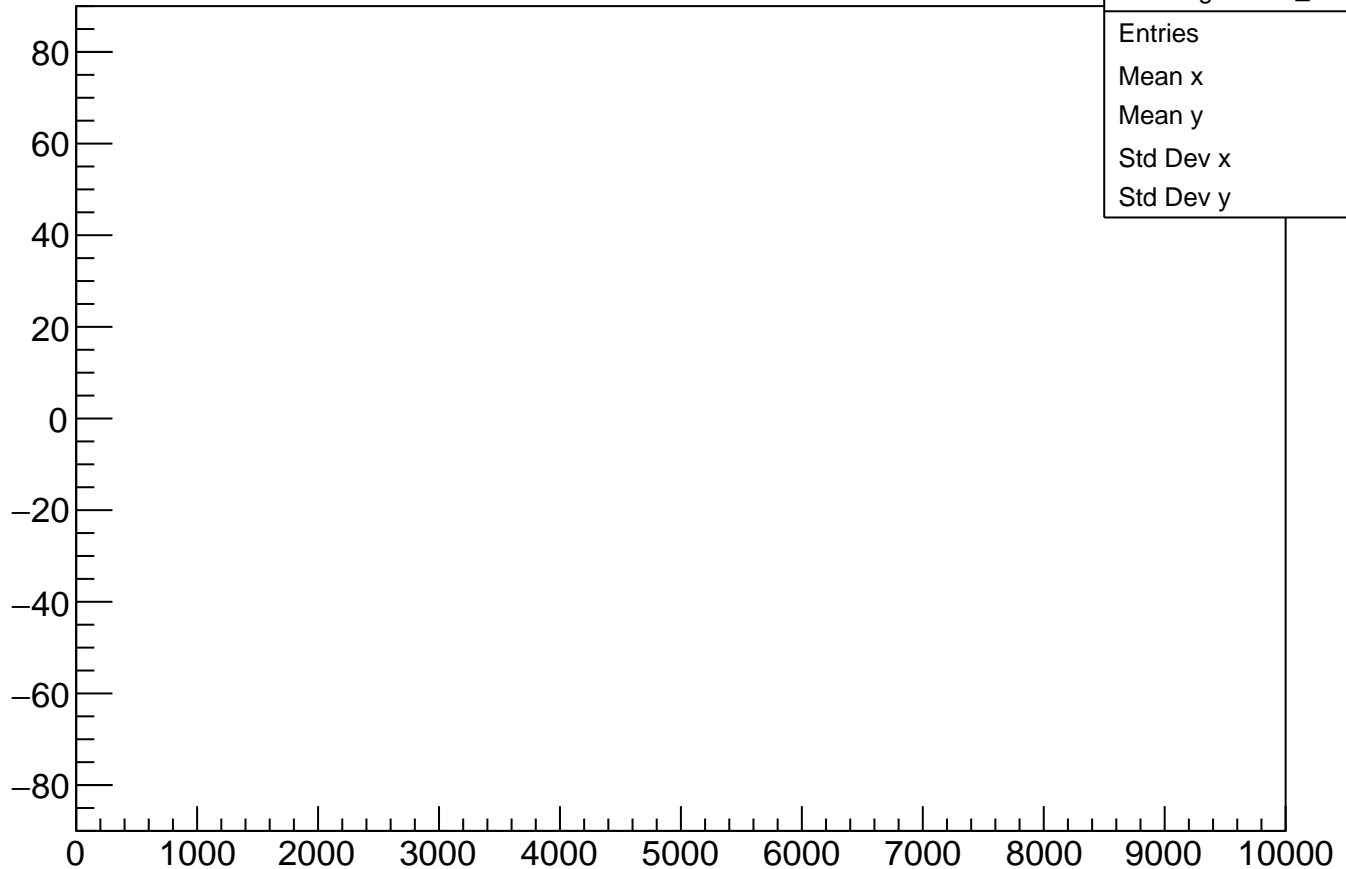


momangleHistX_DSVD2



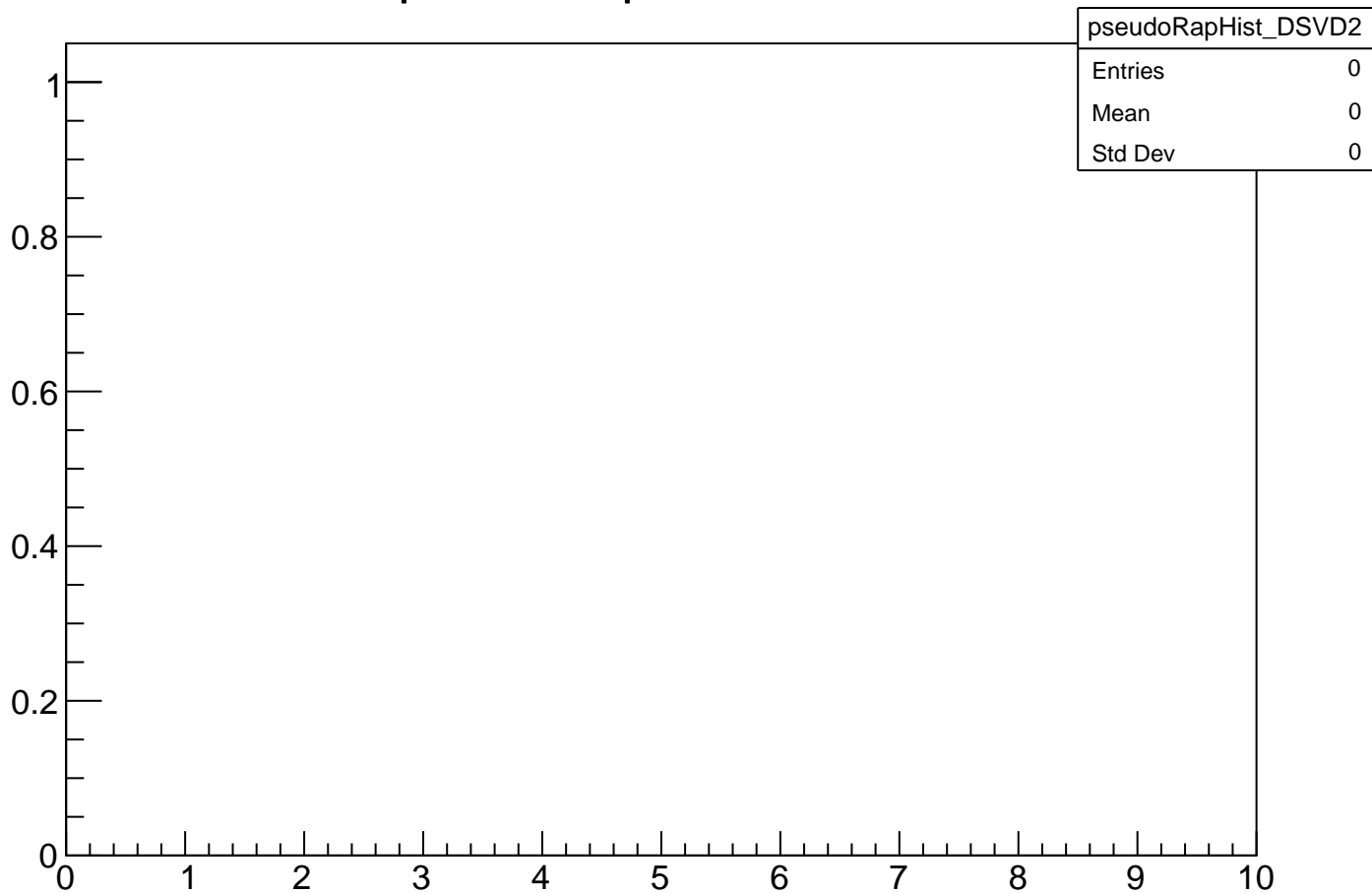
momangleHistX_DSVD2	
Entries	0
Mean x	0
Mean y	0
Std Dev x	0
Std Dev y	0

momangleHistY_DSVD2

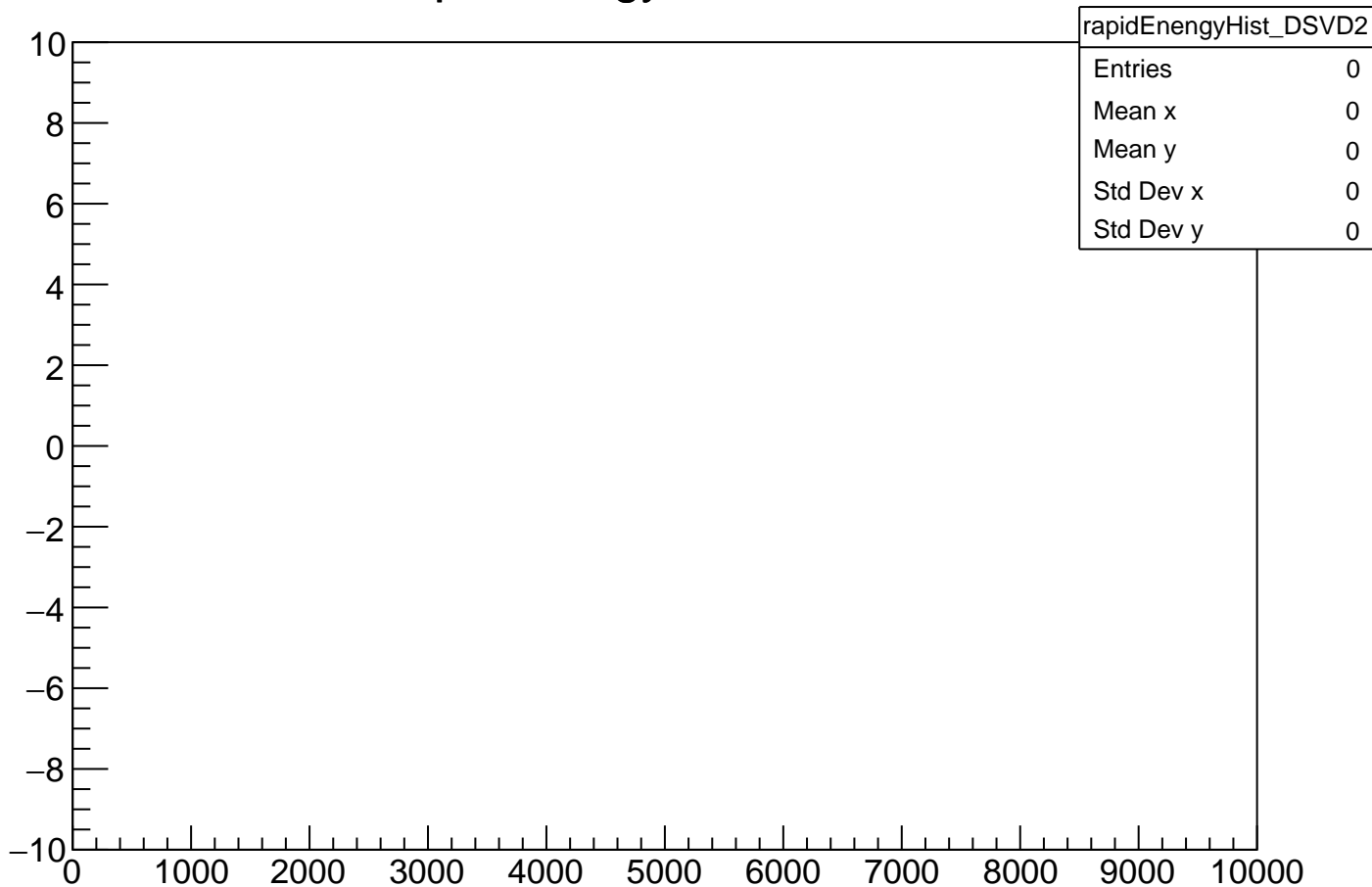


momangleHistY_DSVD2	
Entries	0
Mean x	0
Mean y	0
Std Dev x	0
Std Dev y	0

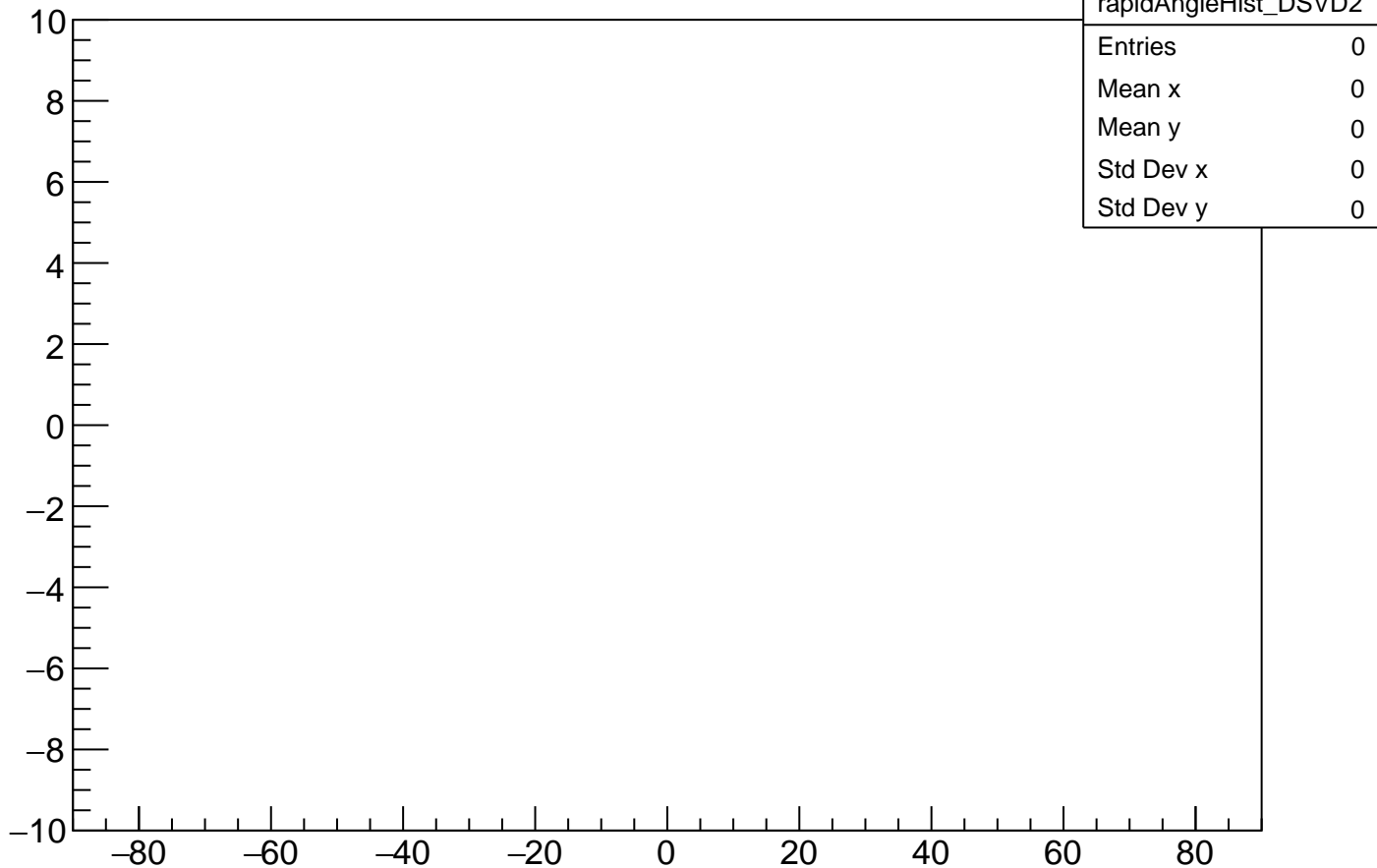
pseudoRapHist_DSVD2



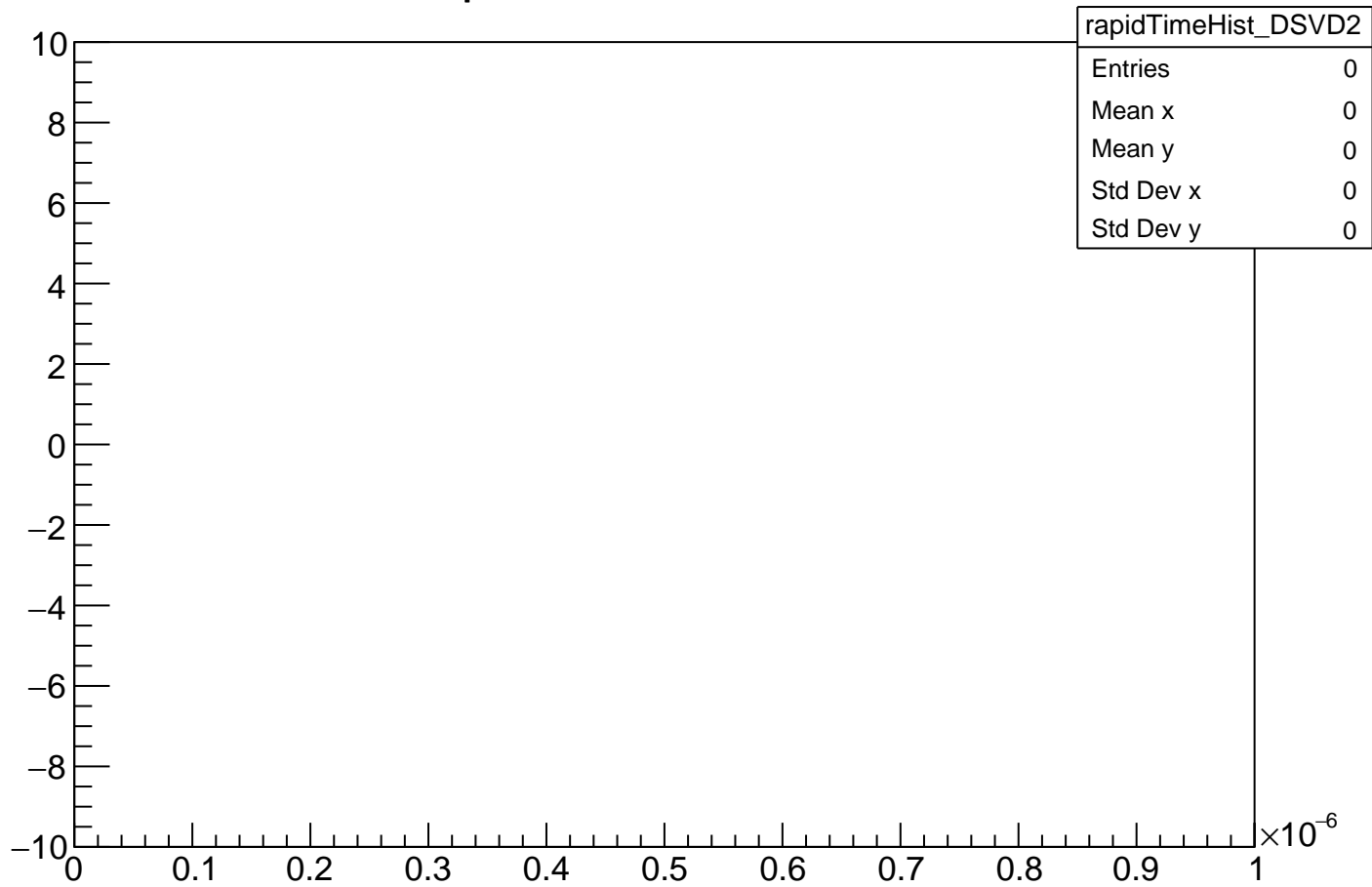
rapidEnergyHist_DSVD2



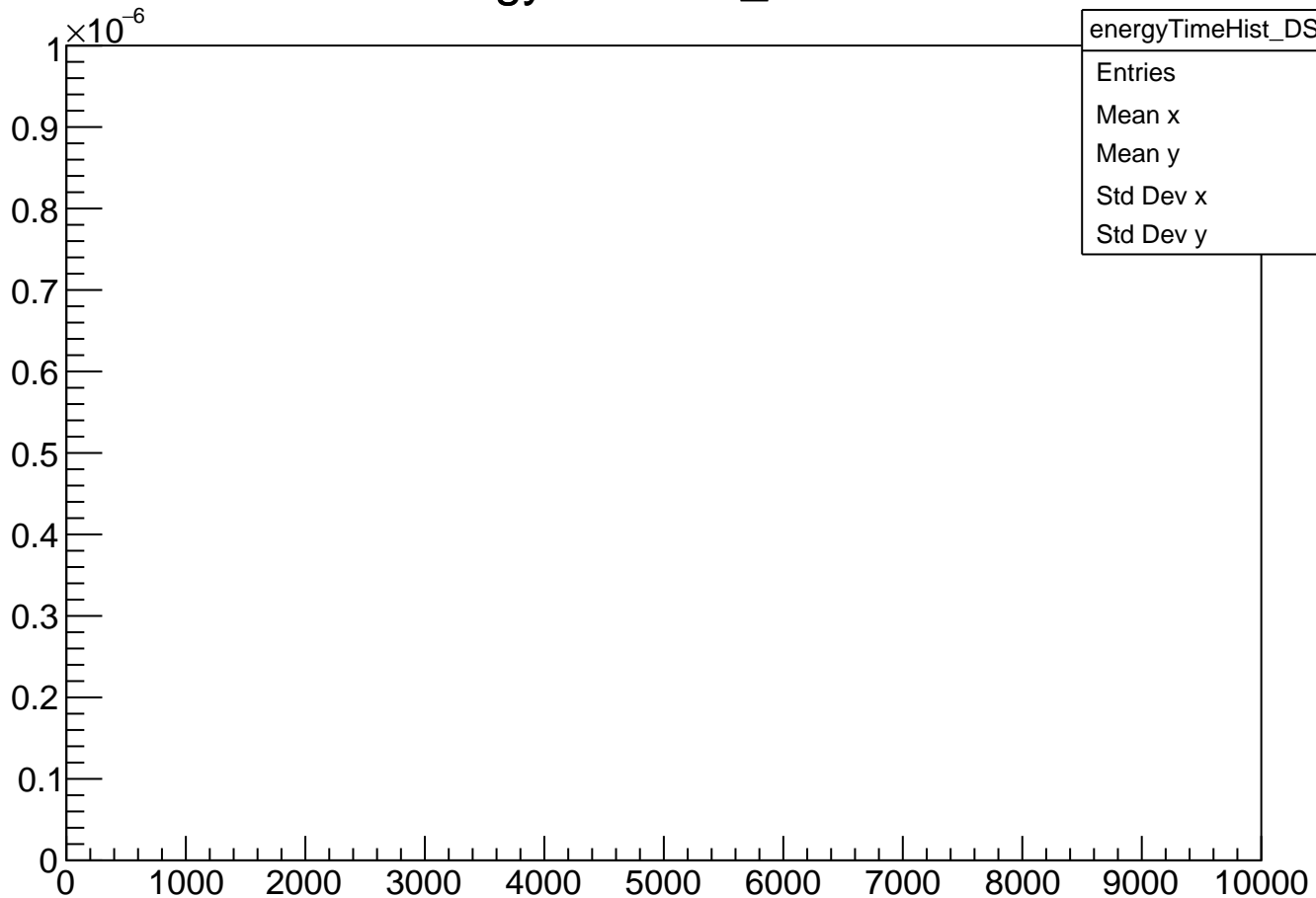
rapidAngleHist_DSVD2



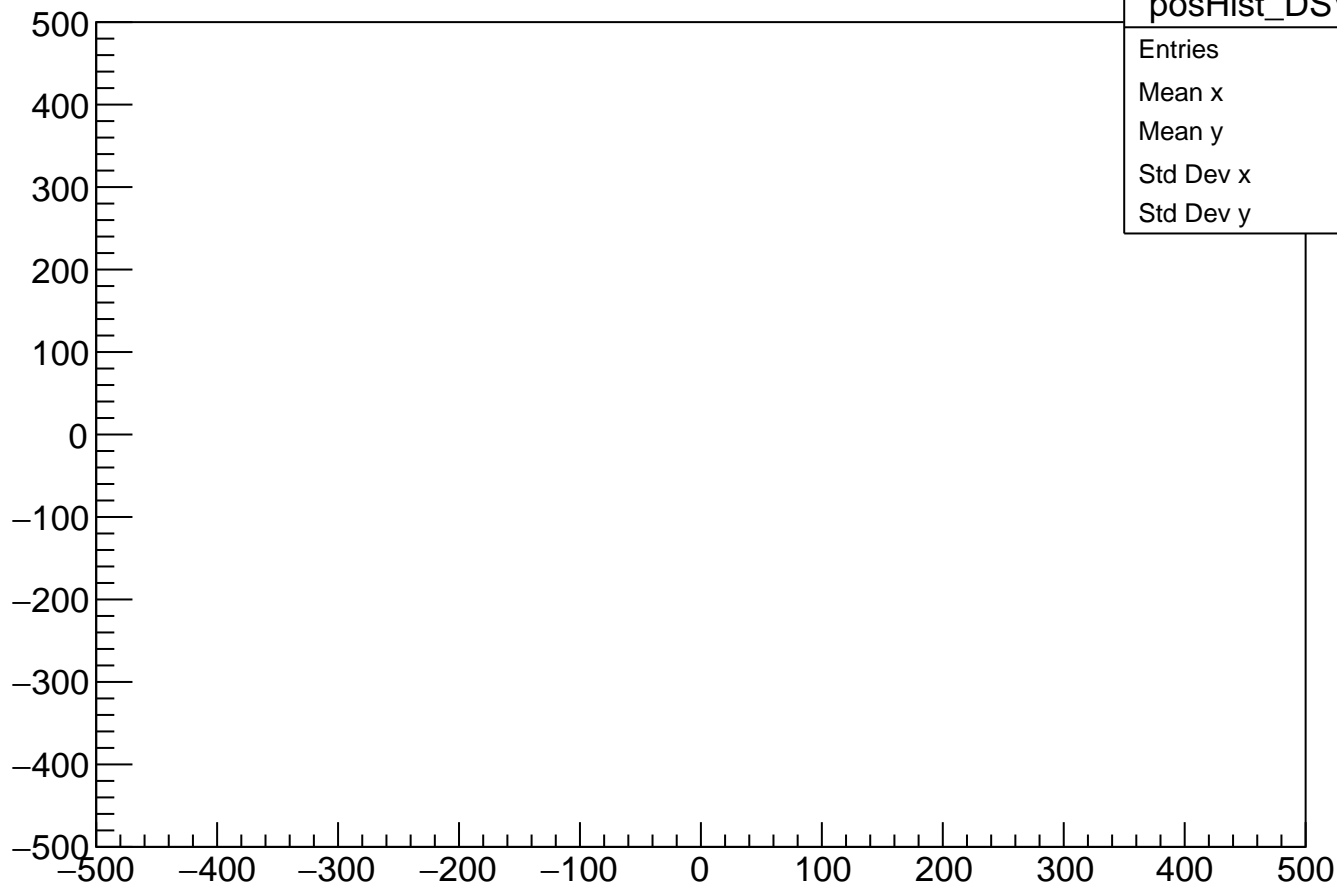
rapidTimeHist_DSVD2



energyTimeHist_DSVD2

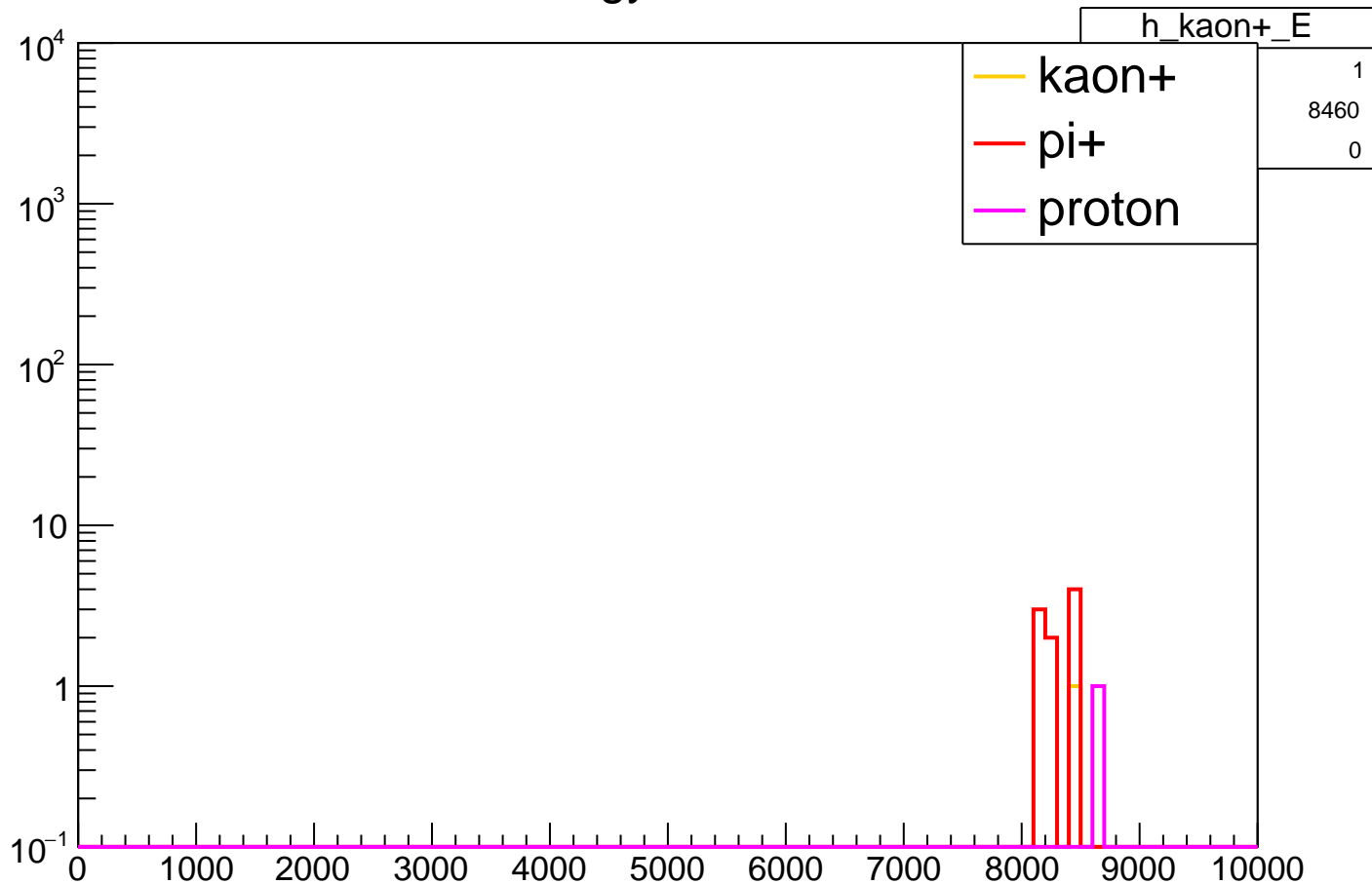


posHist_DSVD2

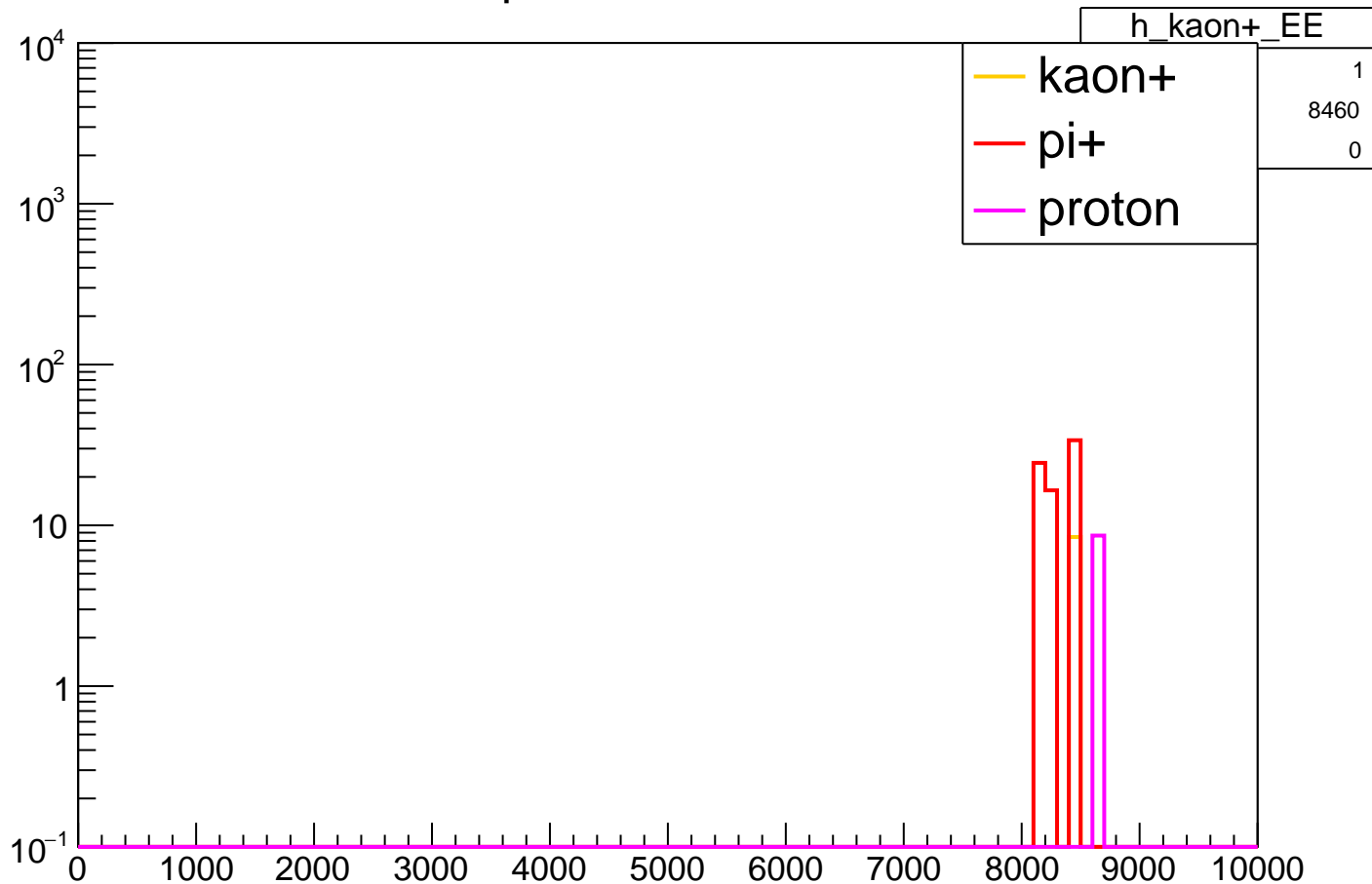


posHist_DSVD2	
Entries	0
Mean x	0
Mean y	0
Std Dev x	0
Std Dev y	0

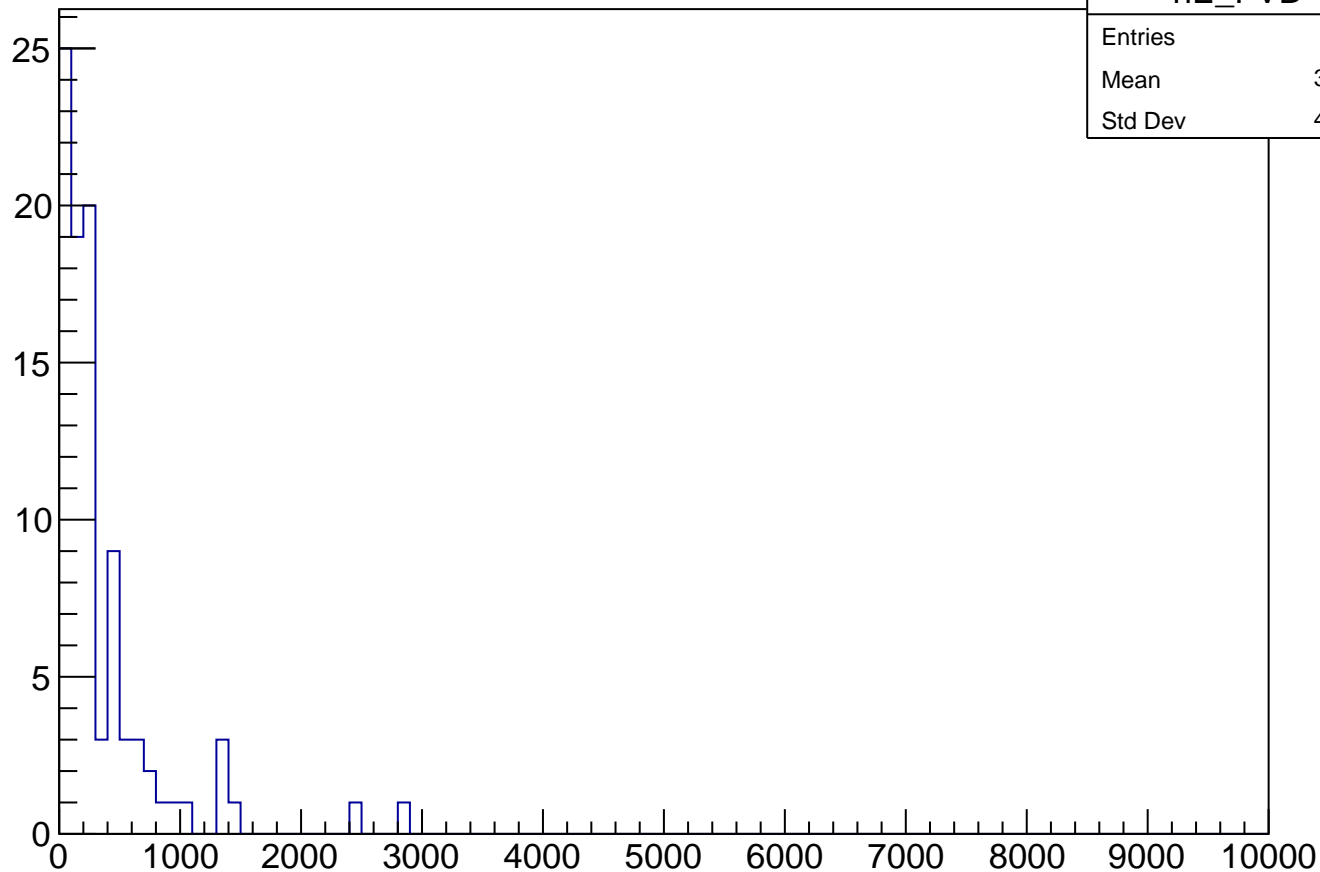
Energy_DSVD2



Spectrum_DSVD2

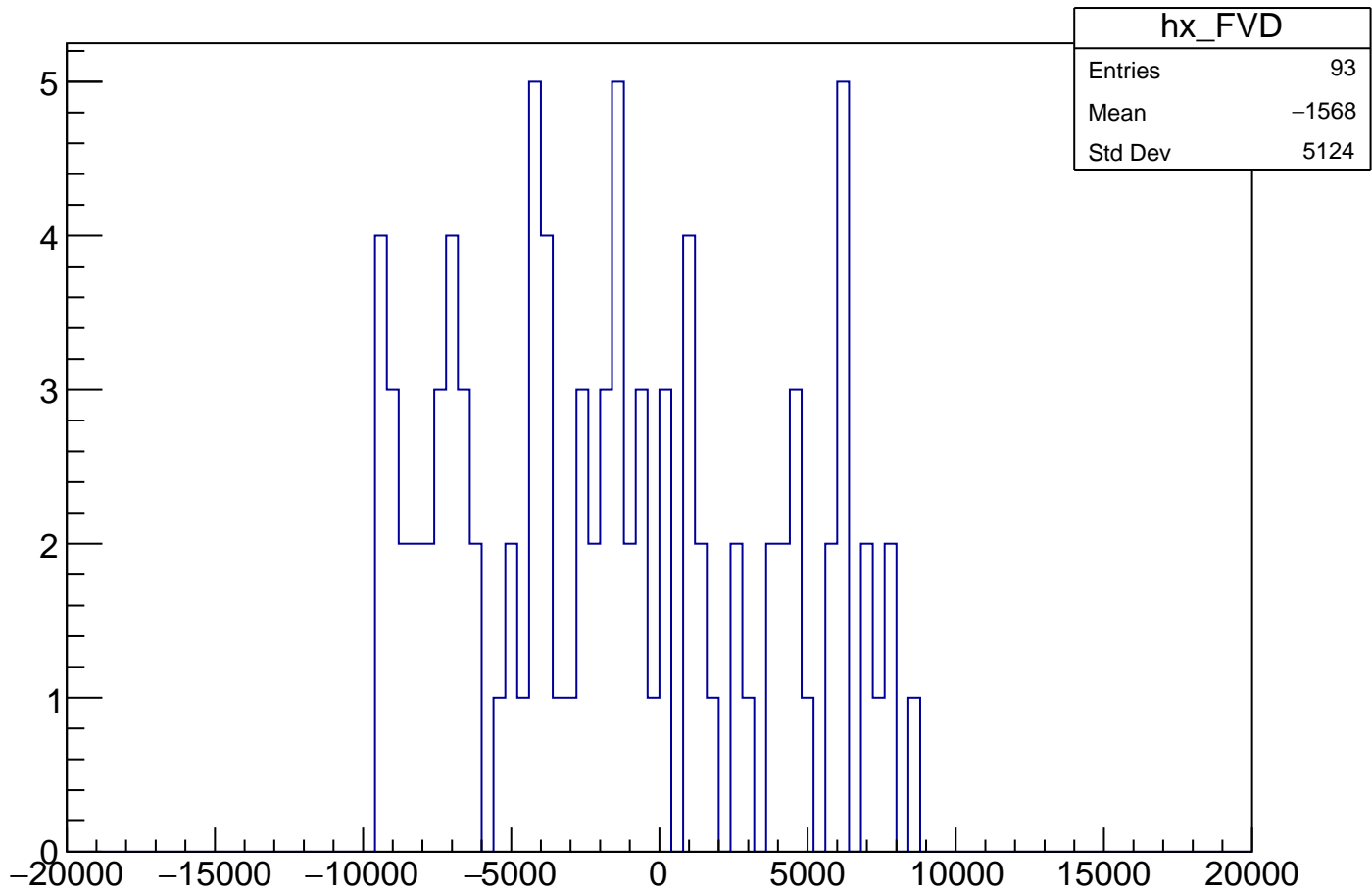


hE_FVD

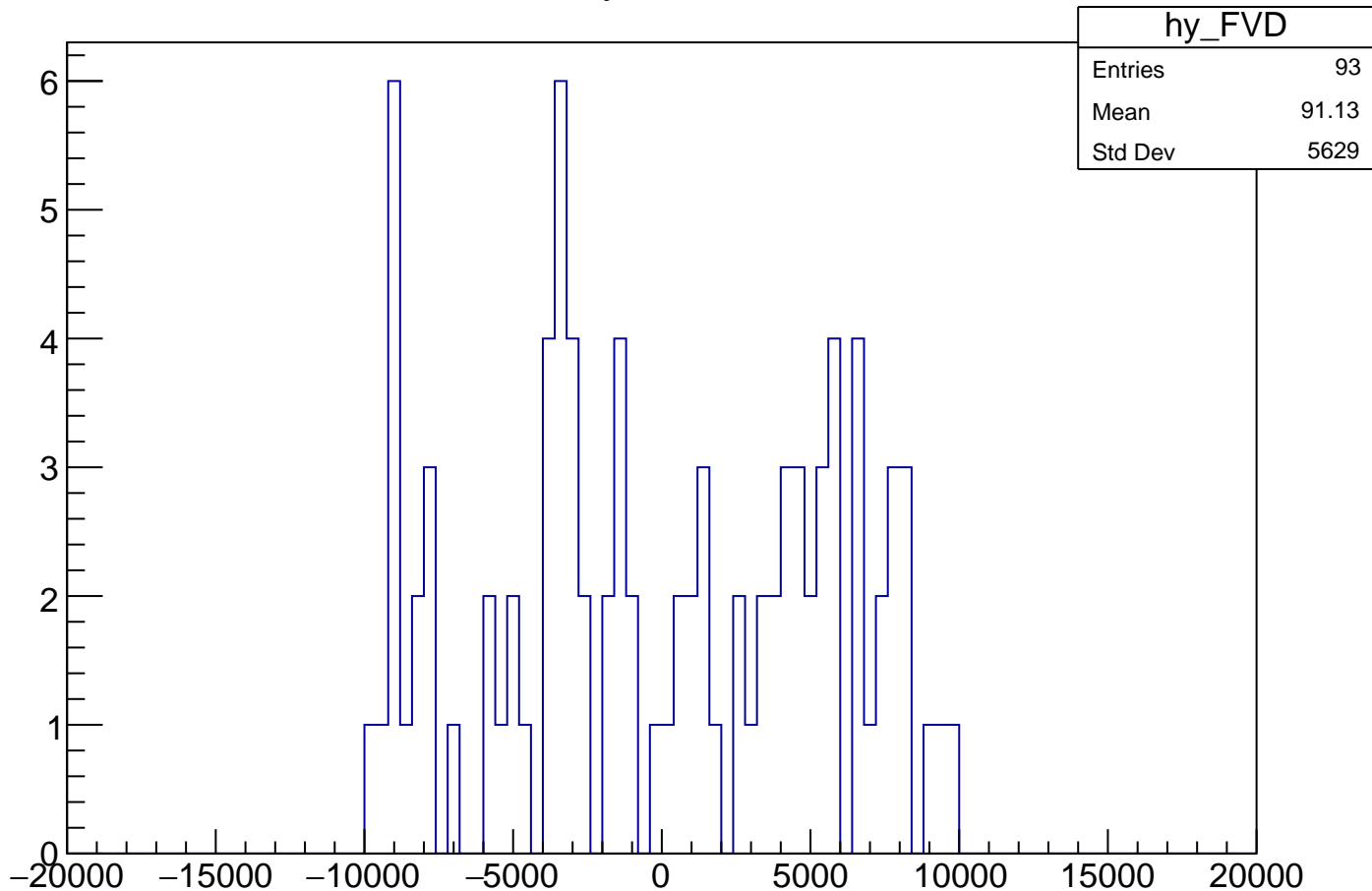


hE_FVD	
Entries	93
Mean	355.9
Std Dev	465.4

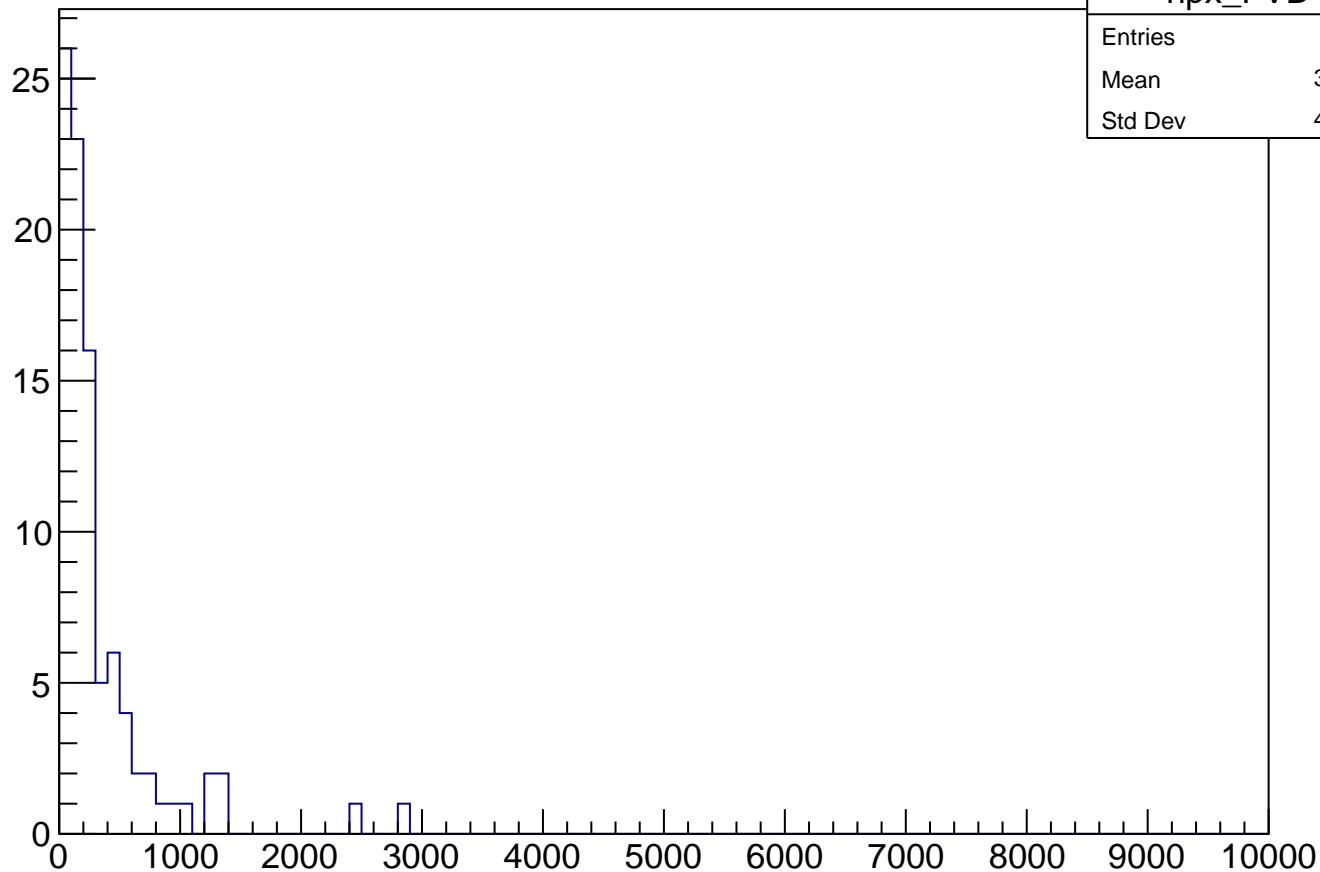
hx_FVD



hy_FVD

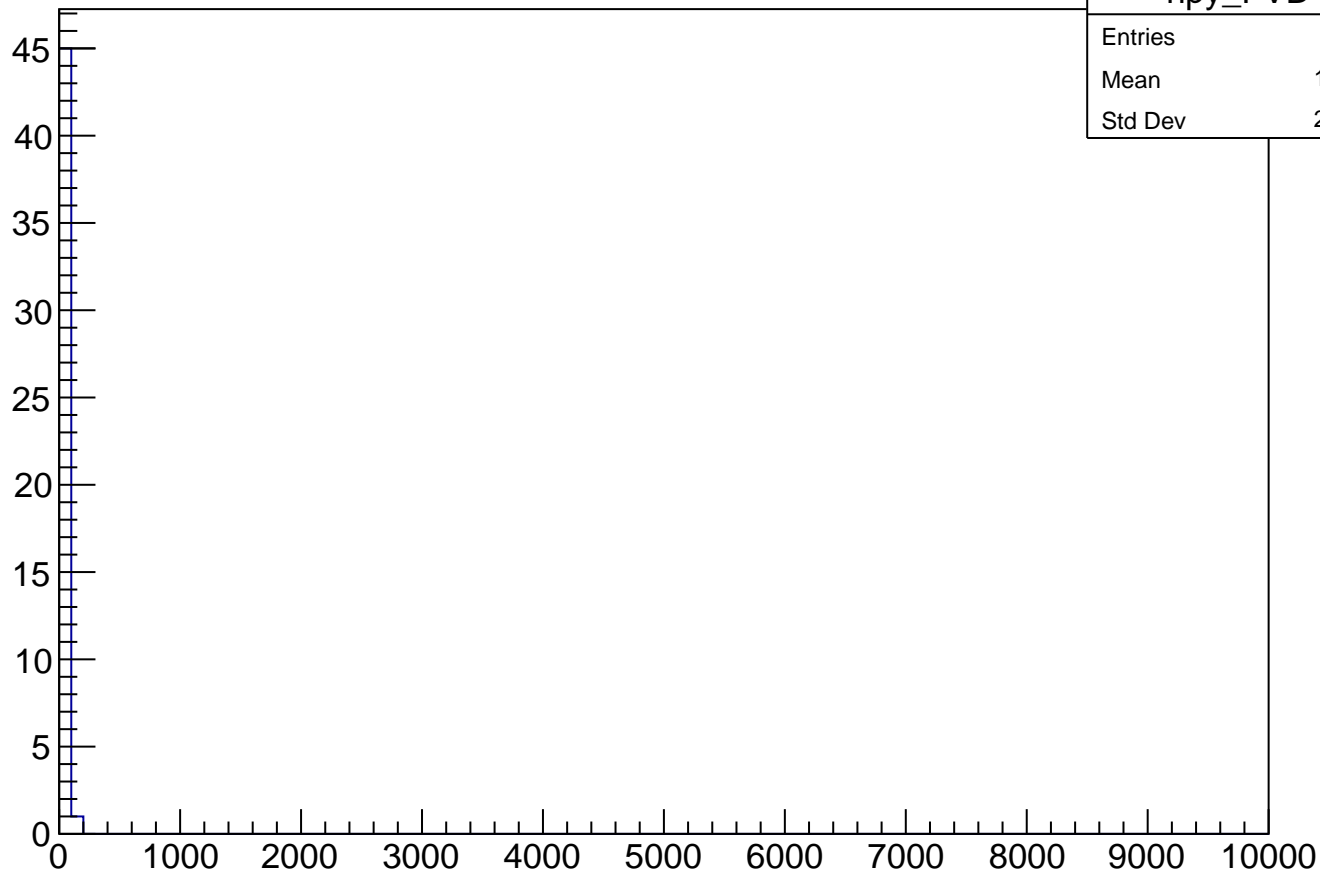


hpx_FVD

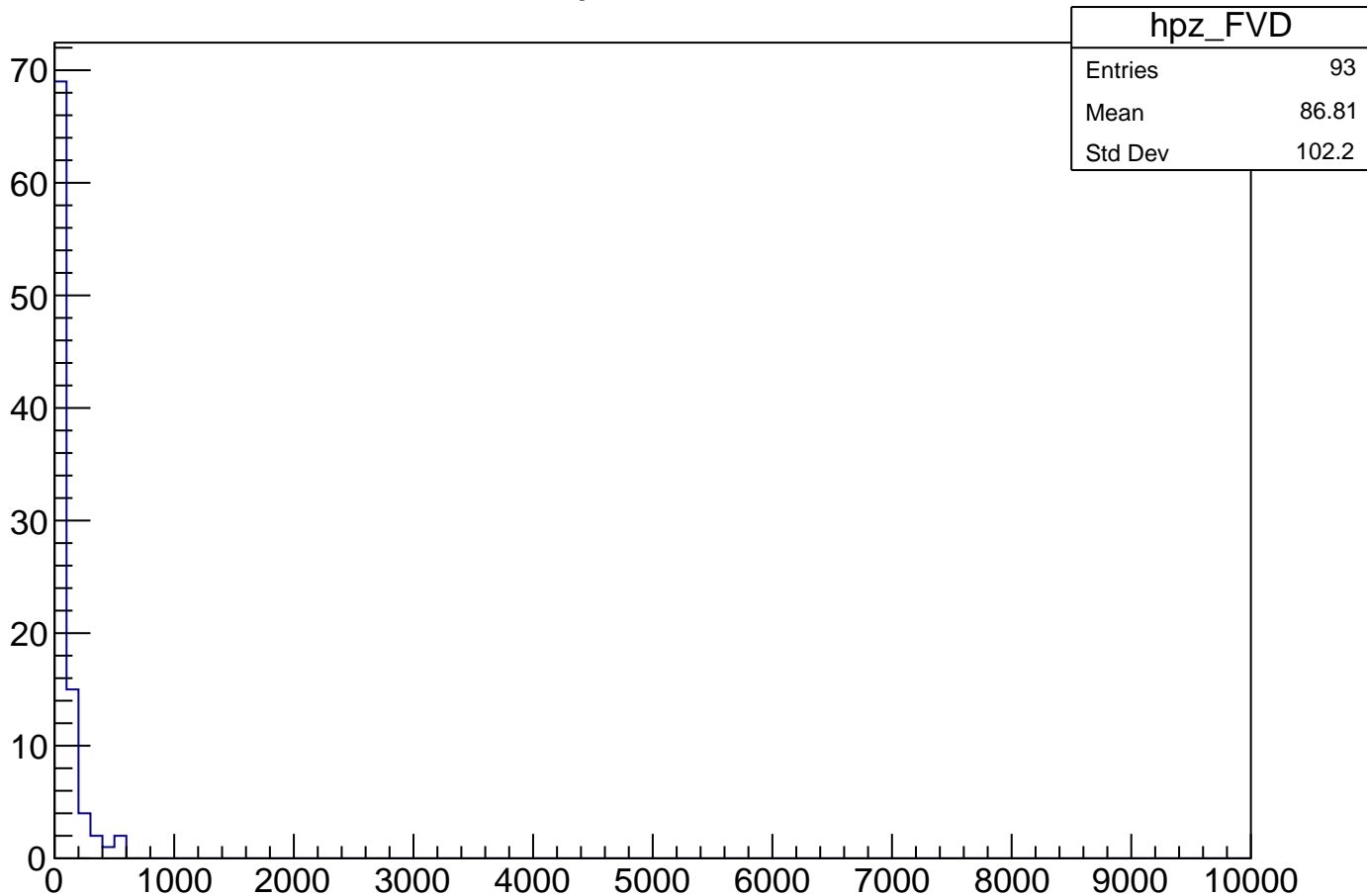


hpx_FVD	
Entries	93
Mean	343.6
Std Dev	453.9

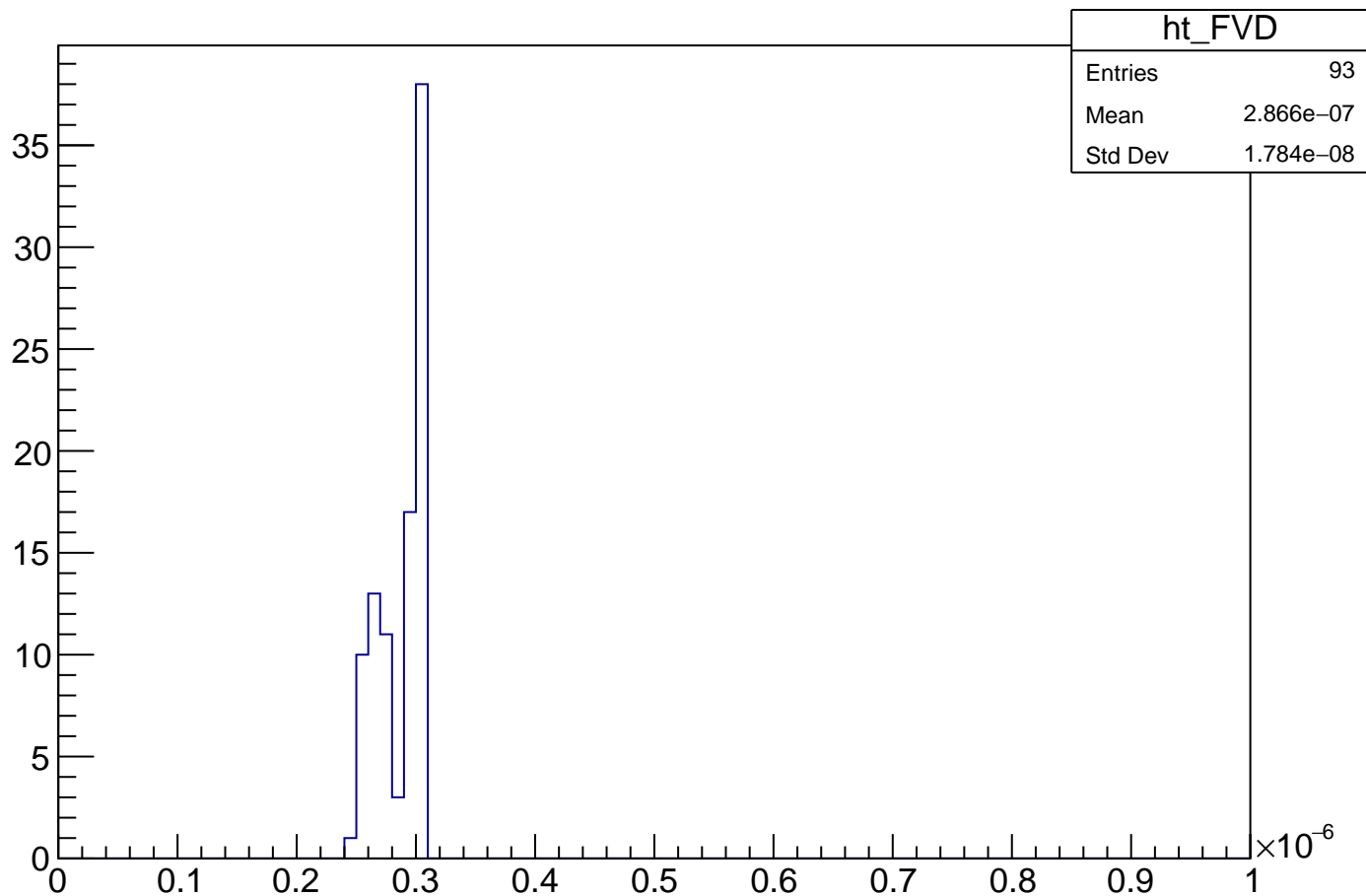
hpy_FVD



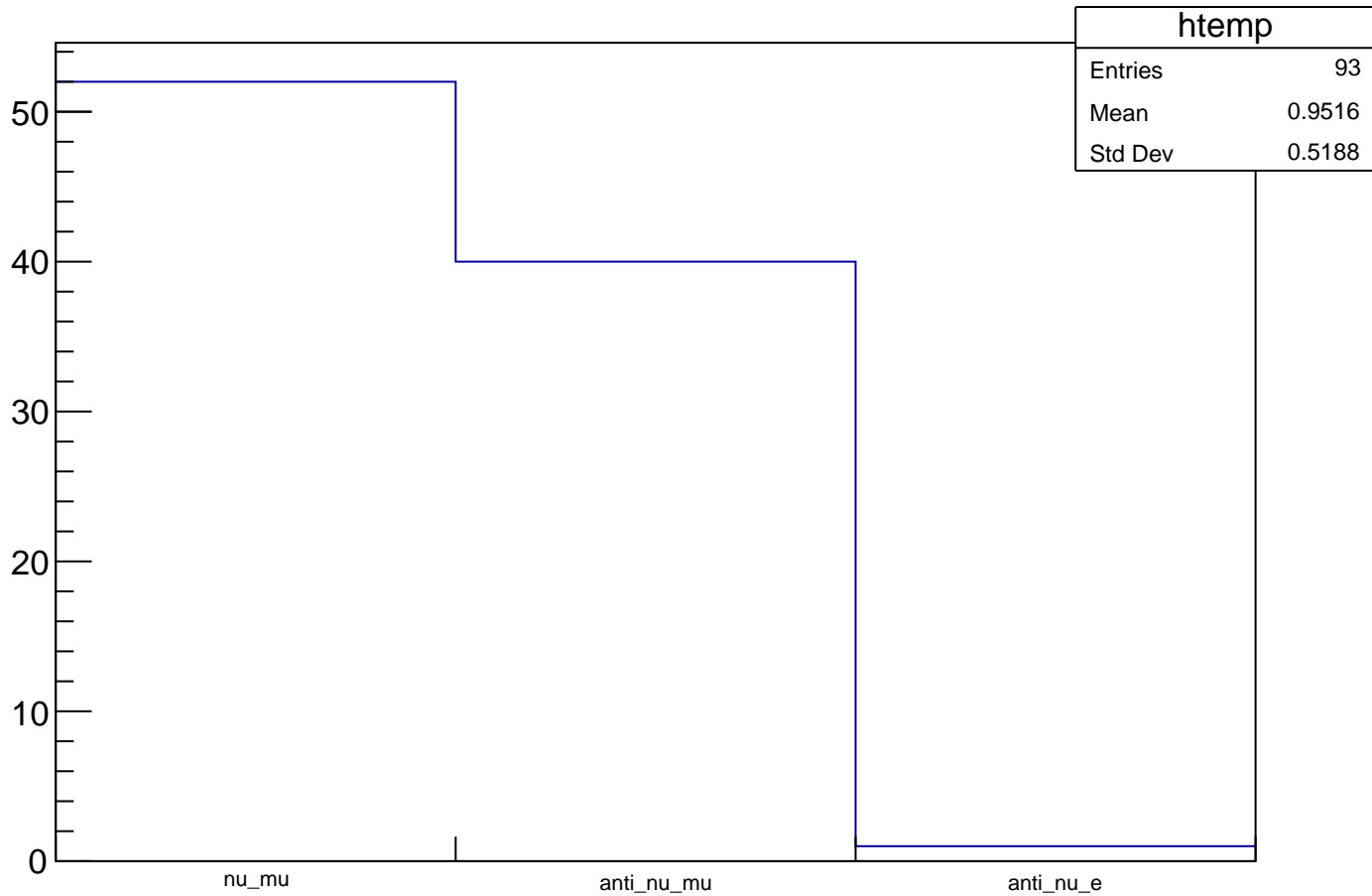
hpz_FVD



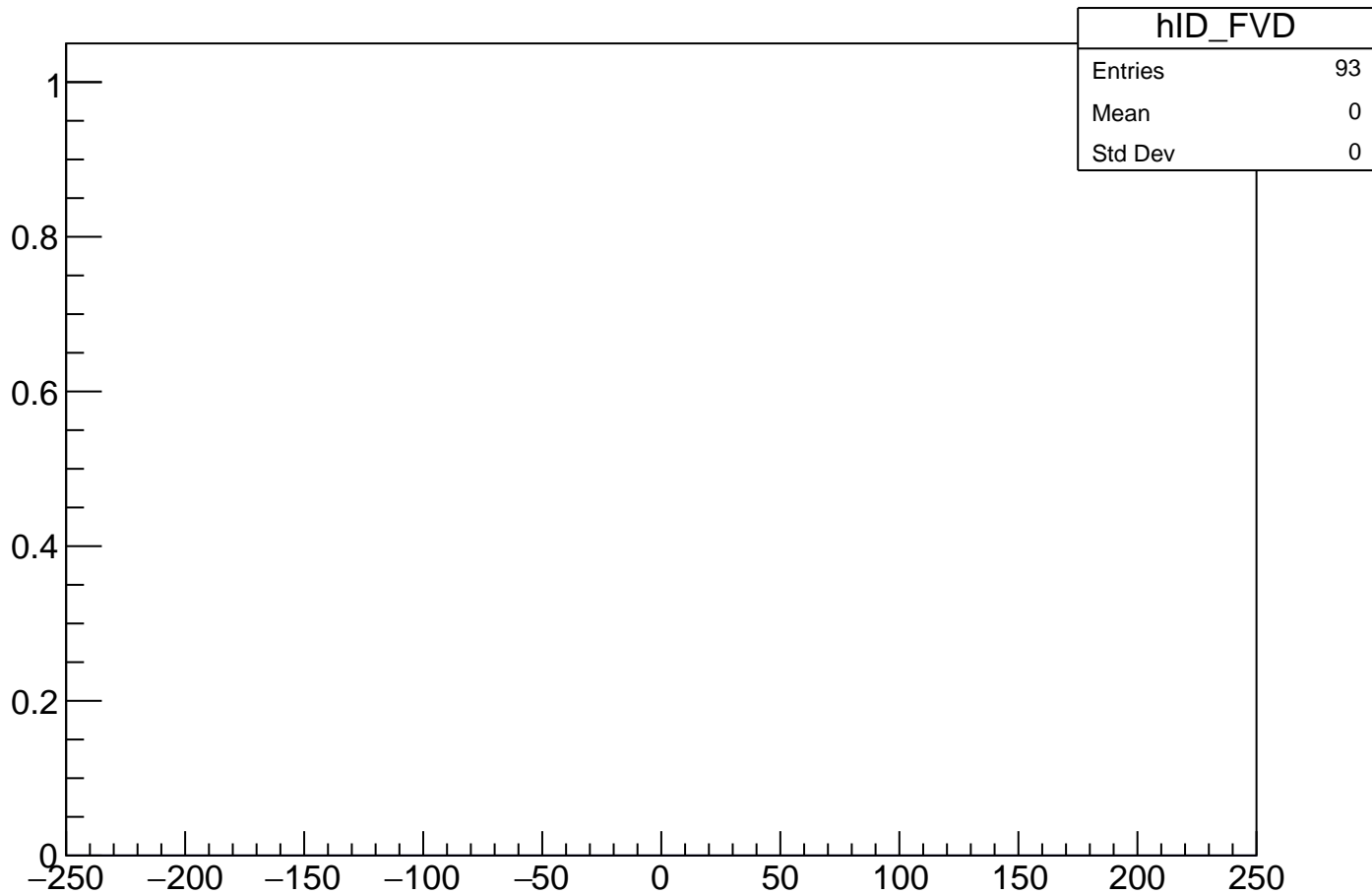
ht_FVD



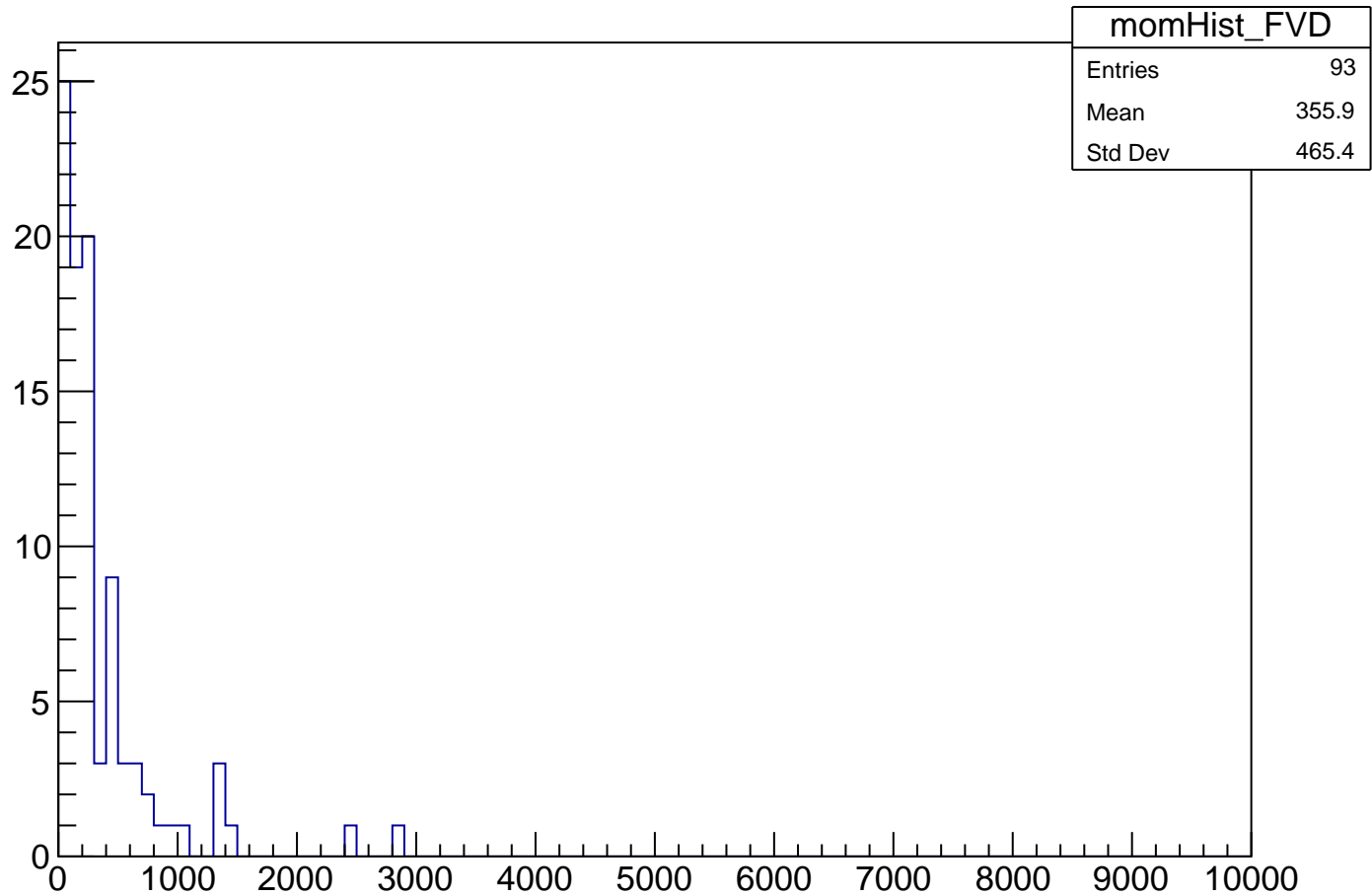
PDG



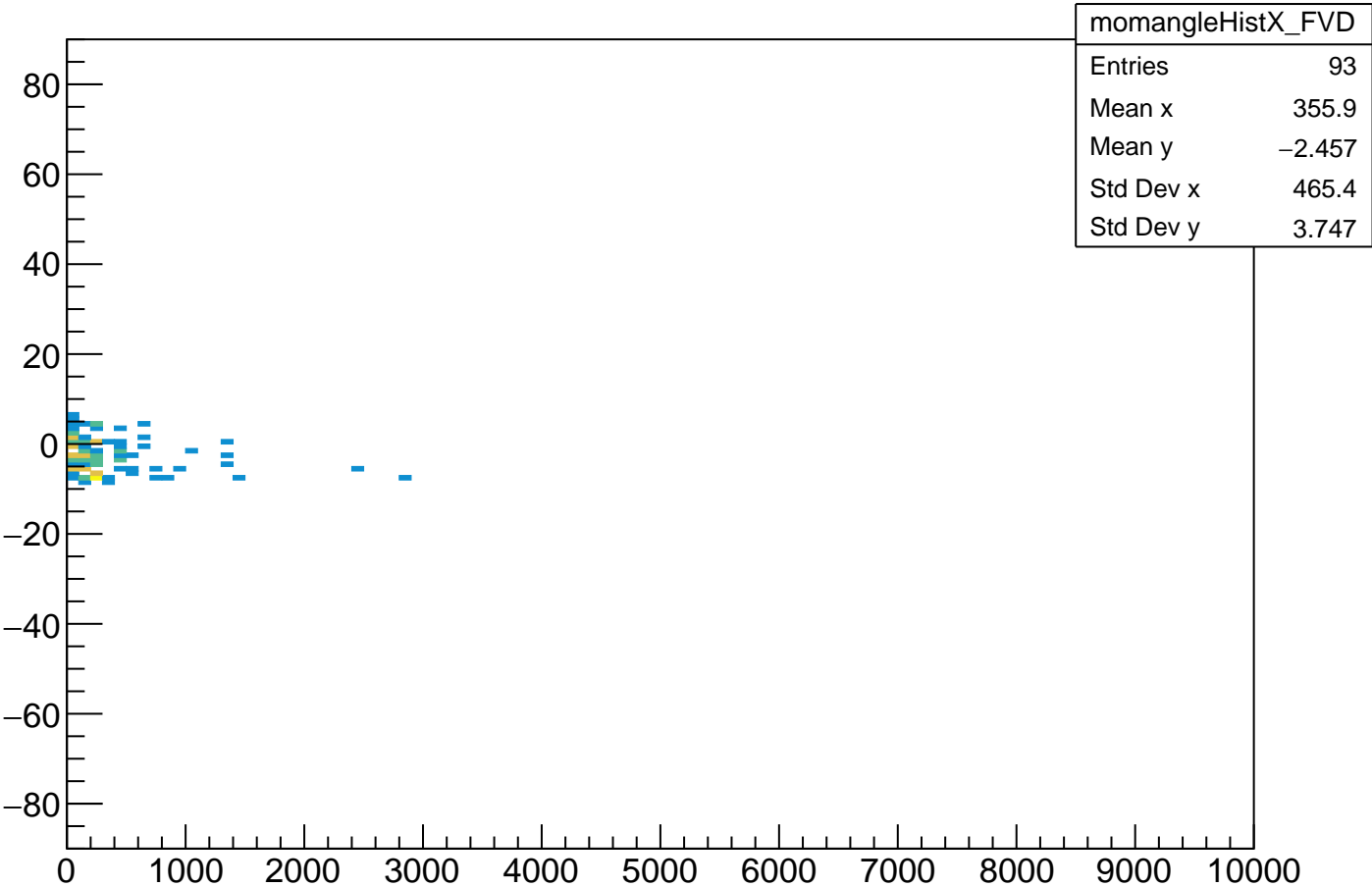
hID_FVD



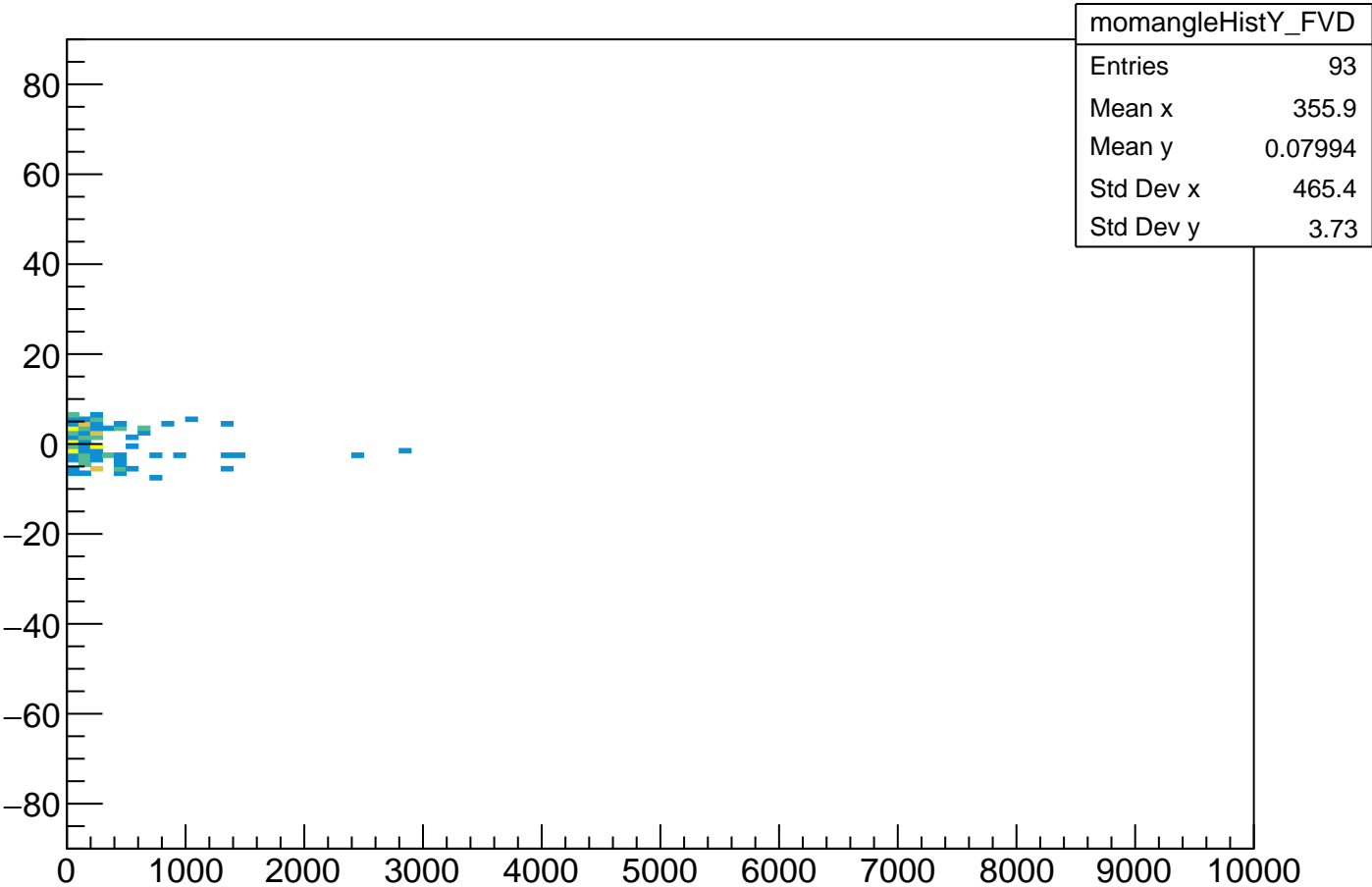
momHist_FVD



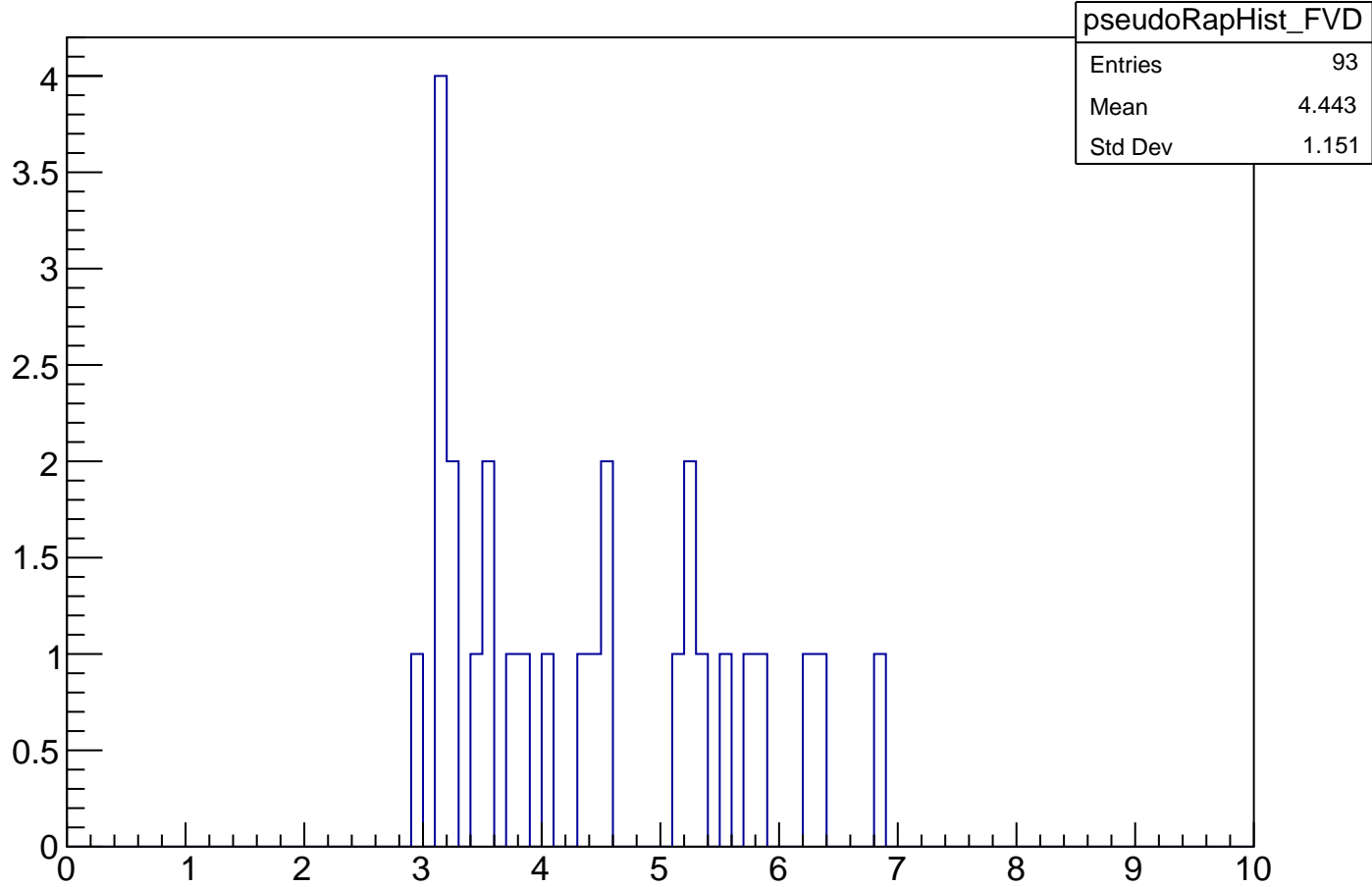
momangleHistX_FVD



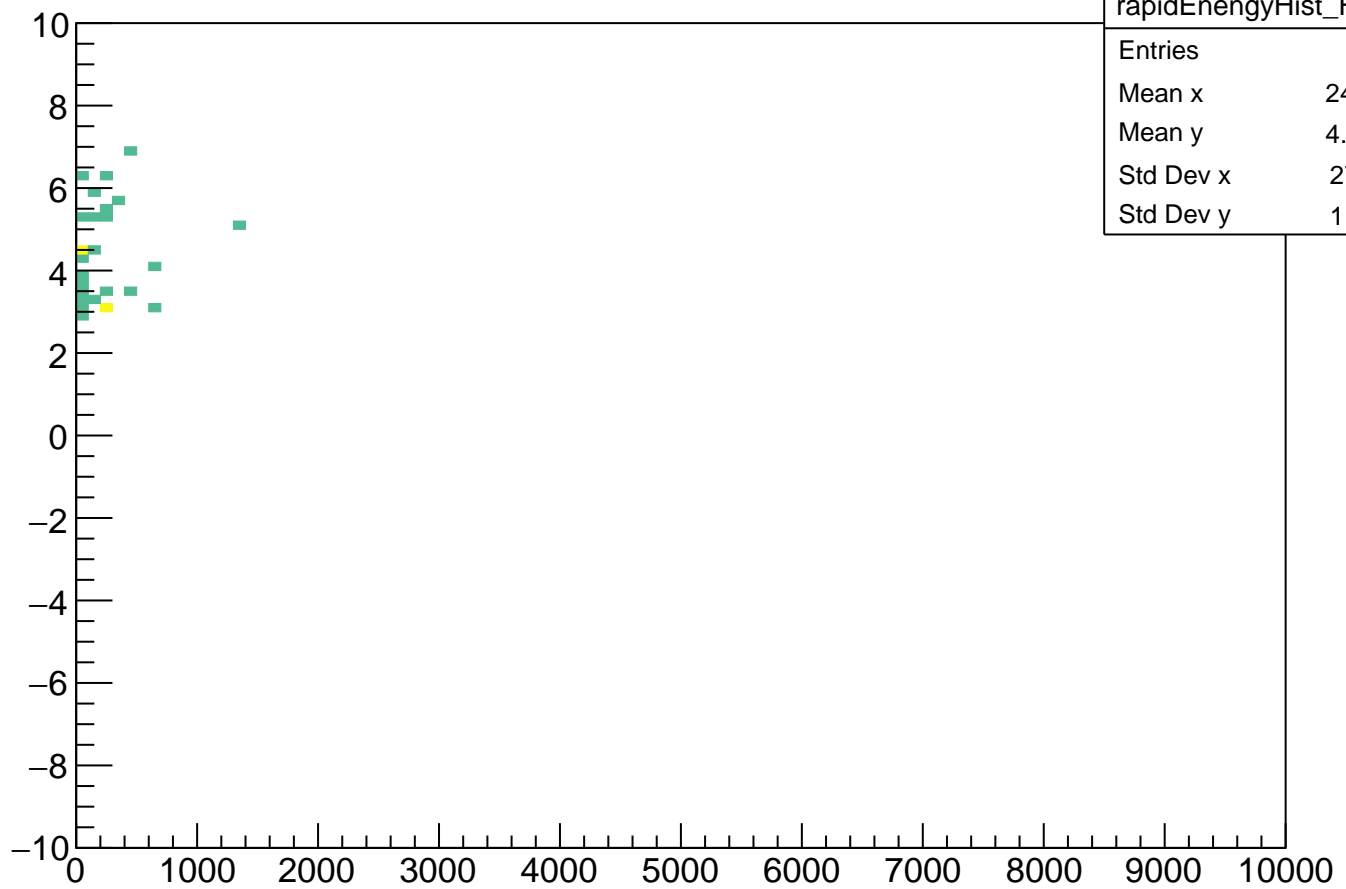
momangleHistY_FVD



pseudoRapHist_FVD

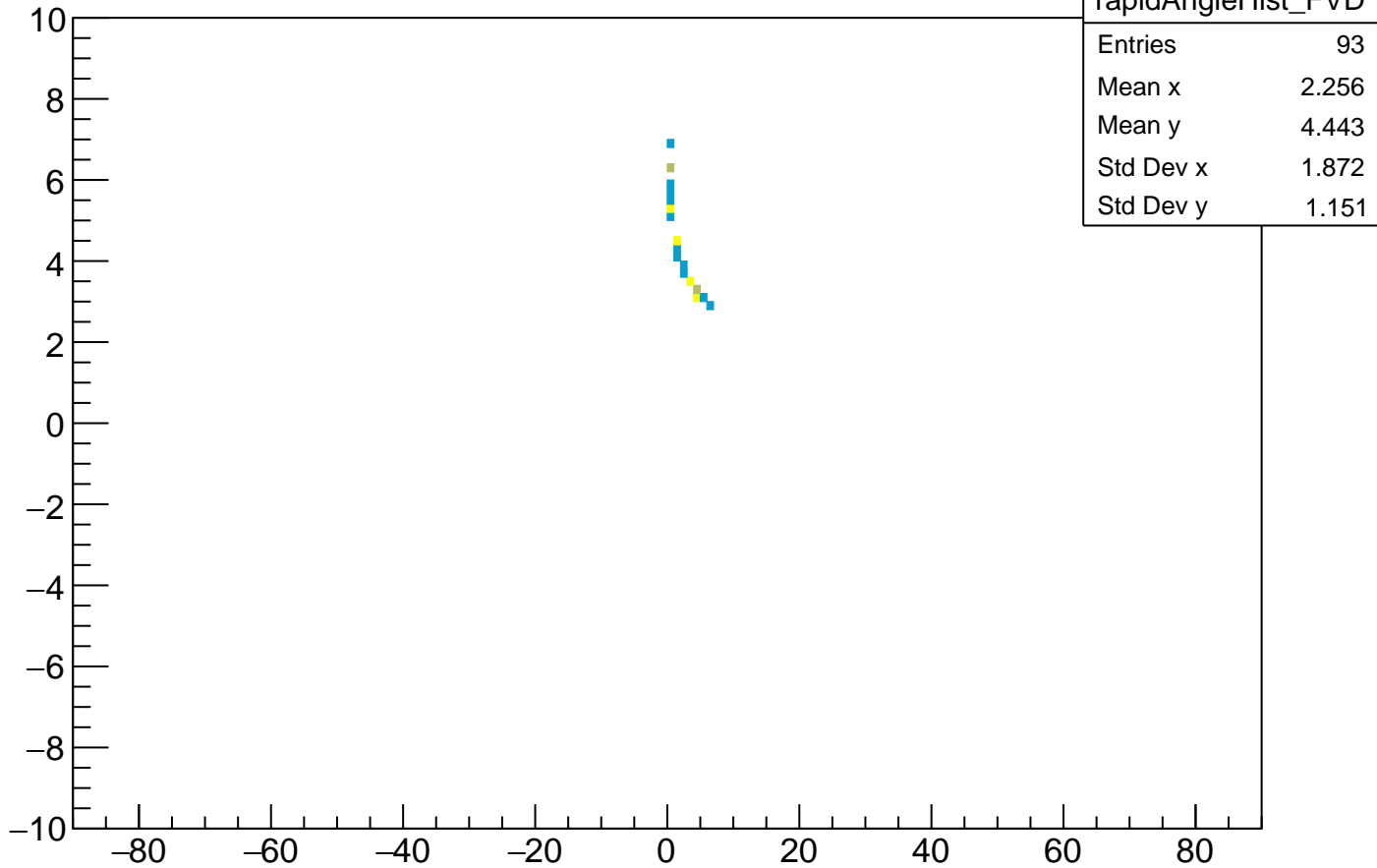


rapidEnergyHist_FVD

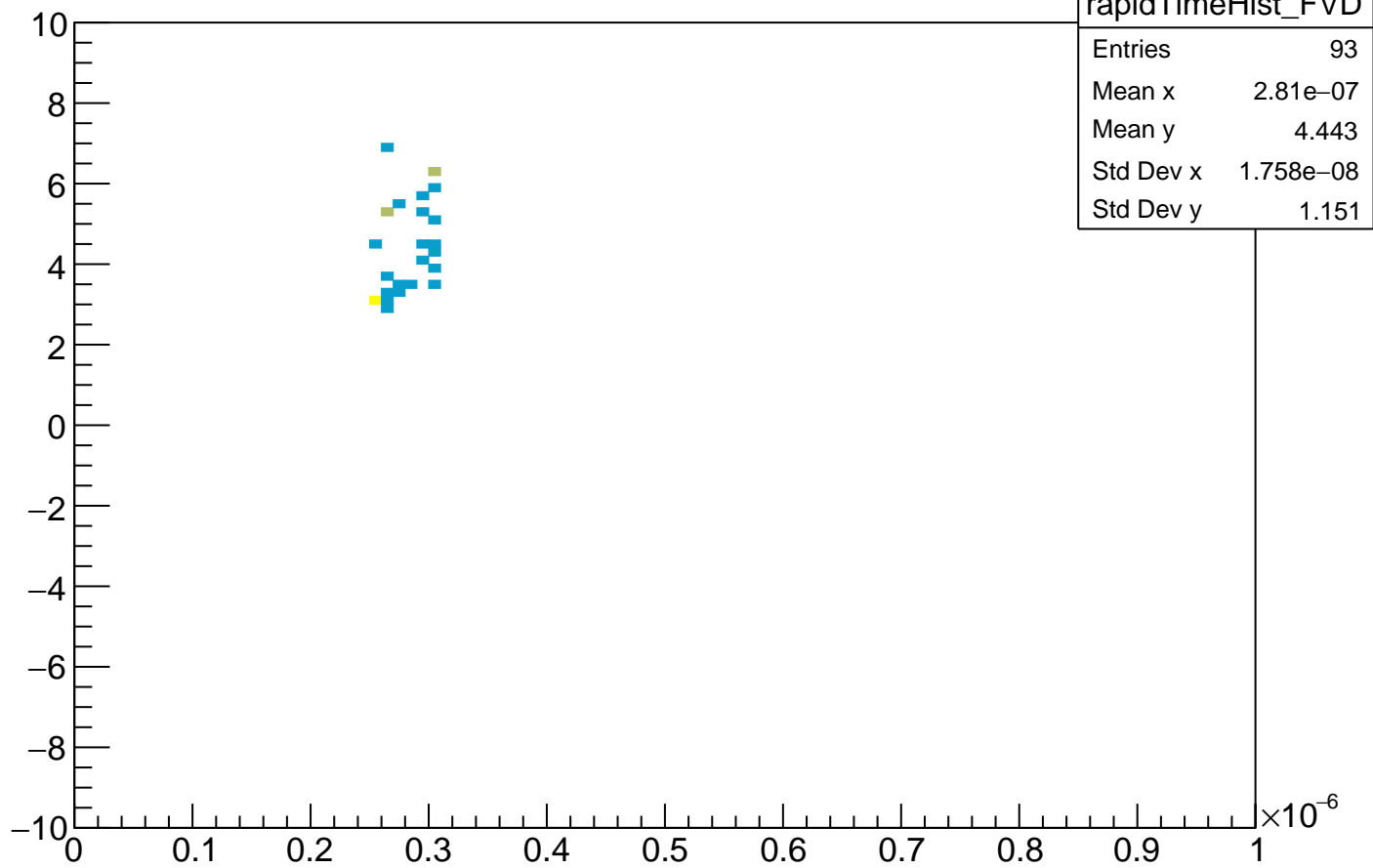


rapidEnergyHist_FVD	
Entries	93
Mean x	248.2
Mean y	4.443
Std Dev x	272.1
Std Dev y	1.151

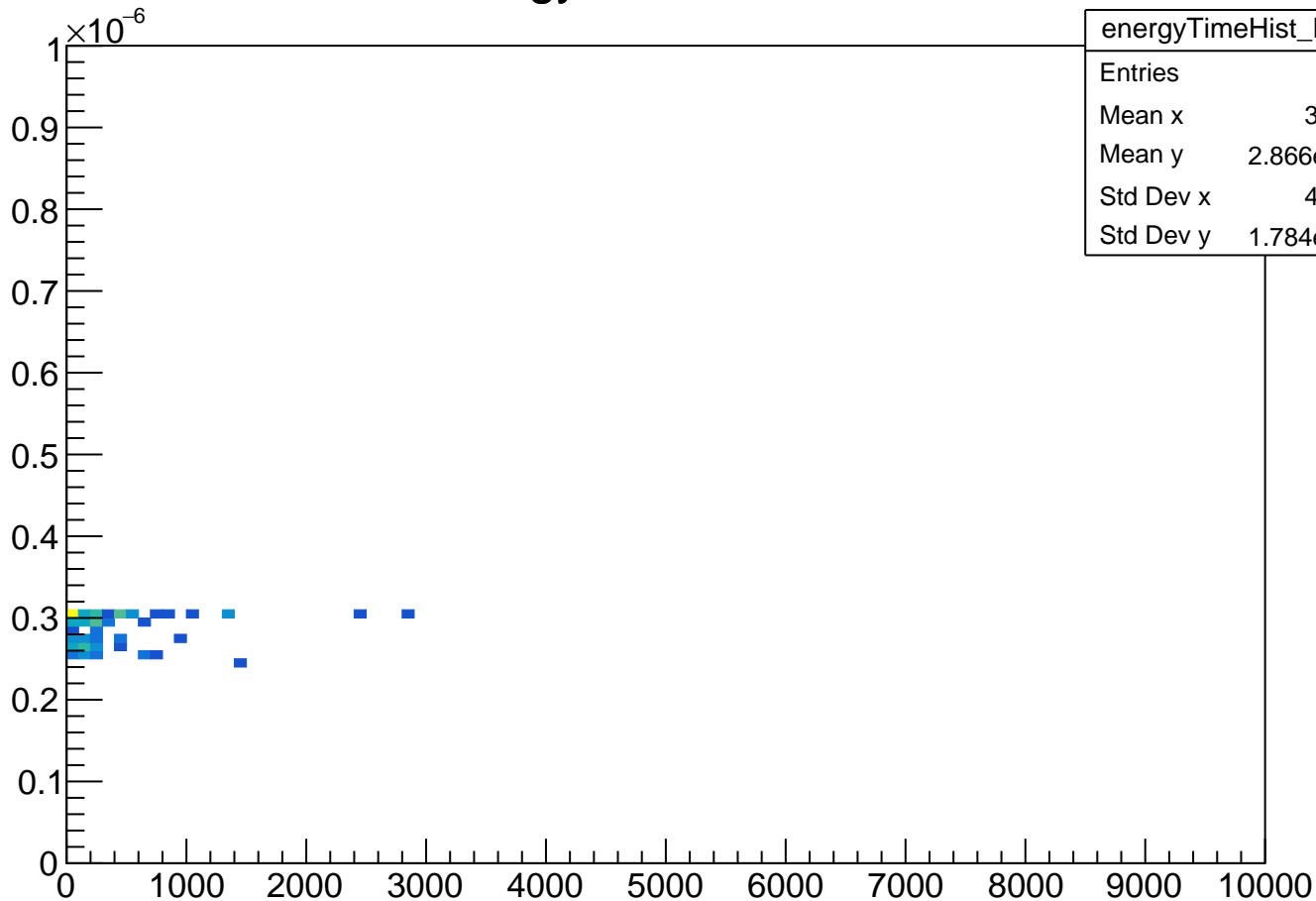
rapidAngleHist_FVD



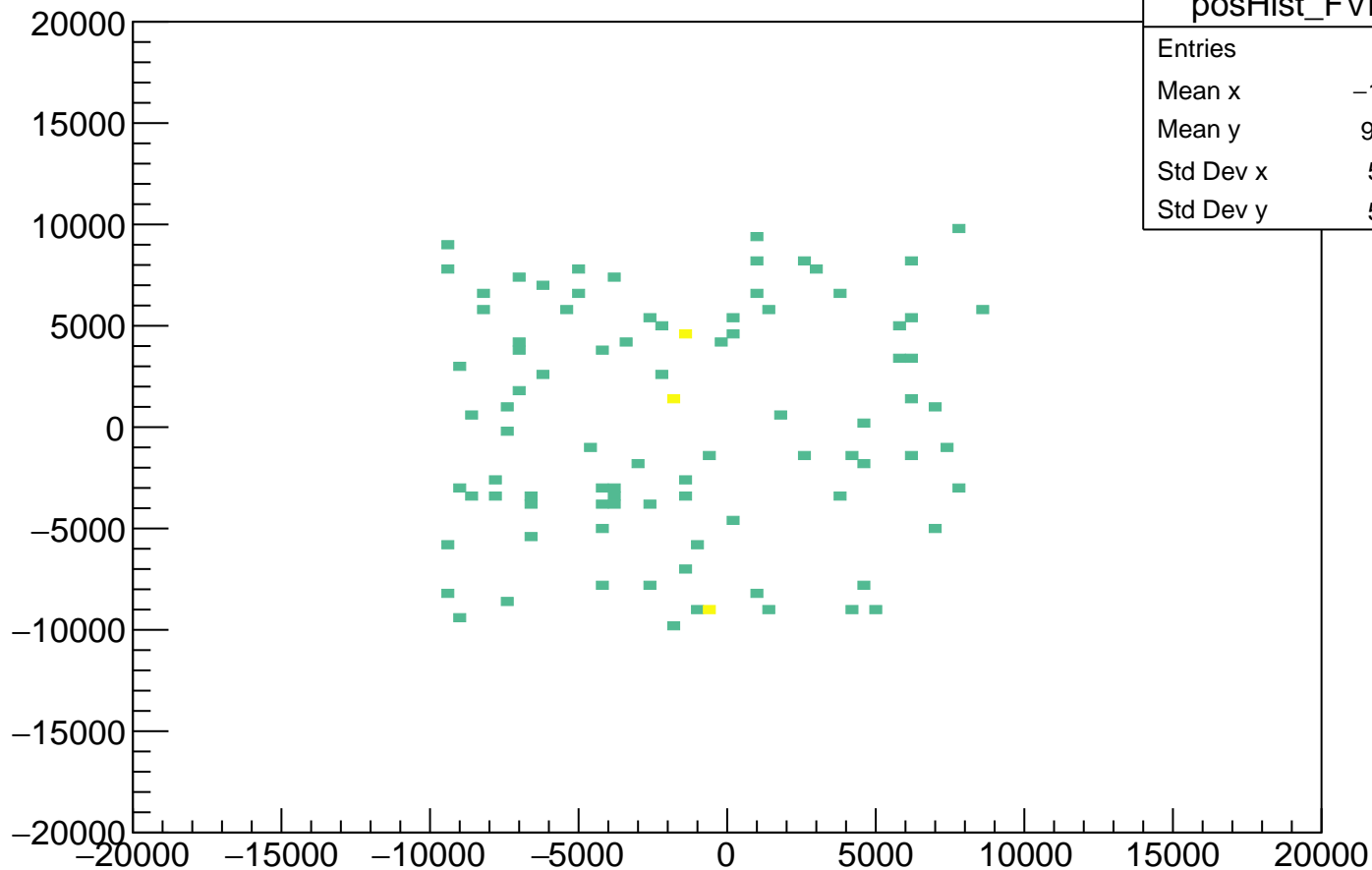
rapidTimeHist_FVD



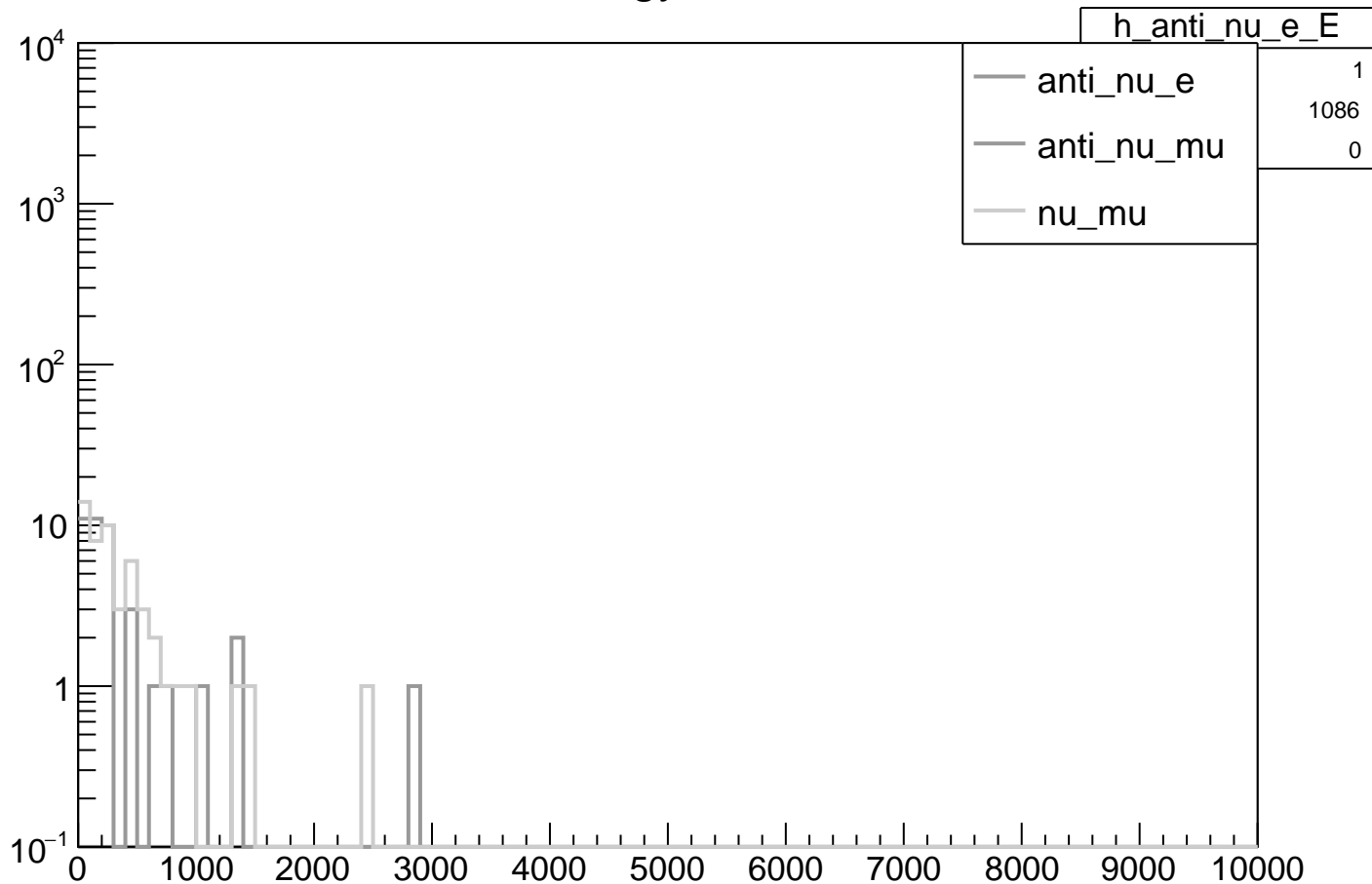
energyTimeHist_FVD



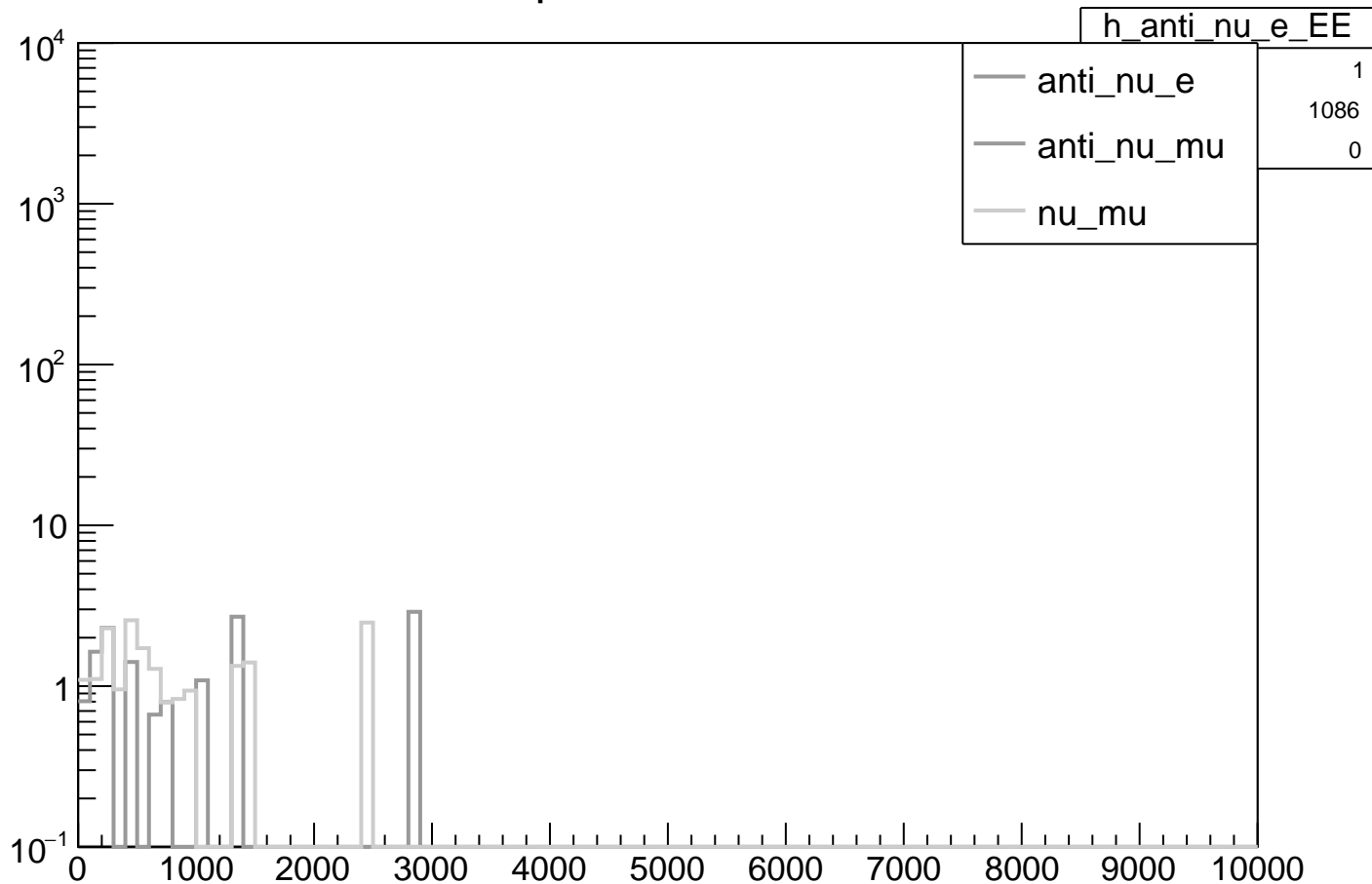
posHist_FVD



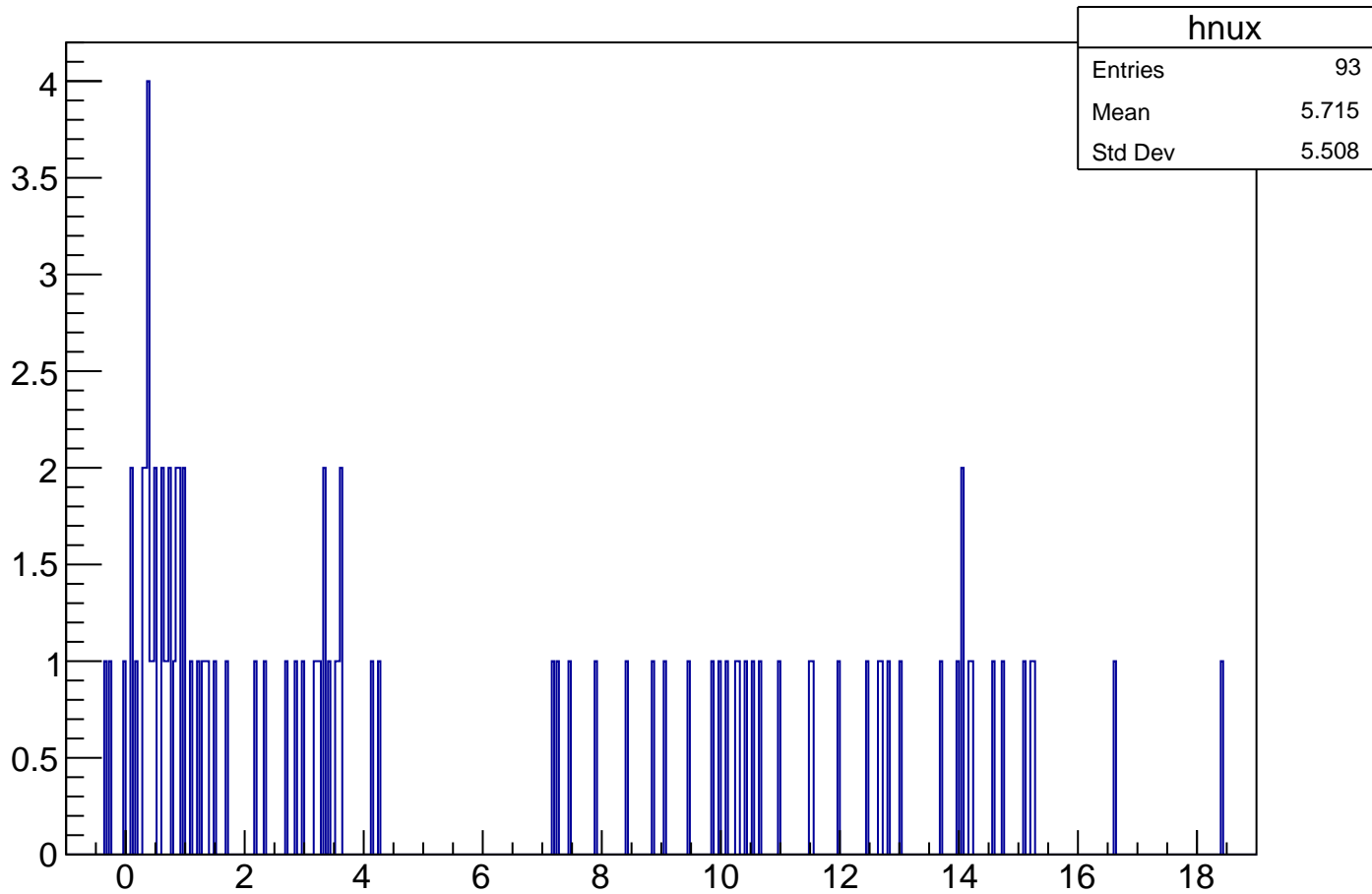
Energy_FVD



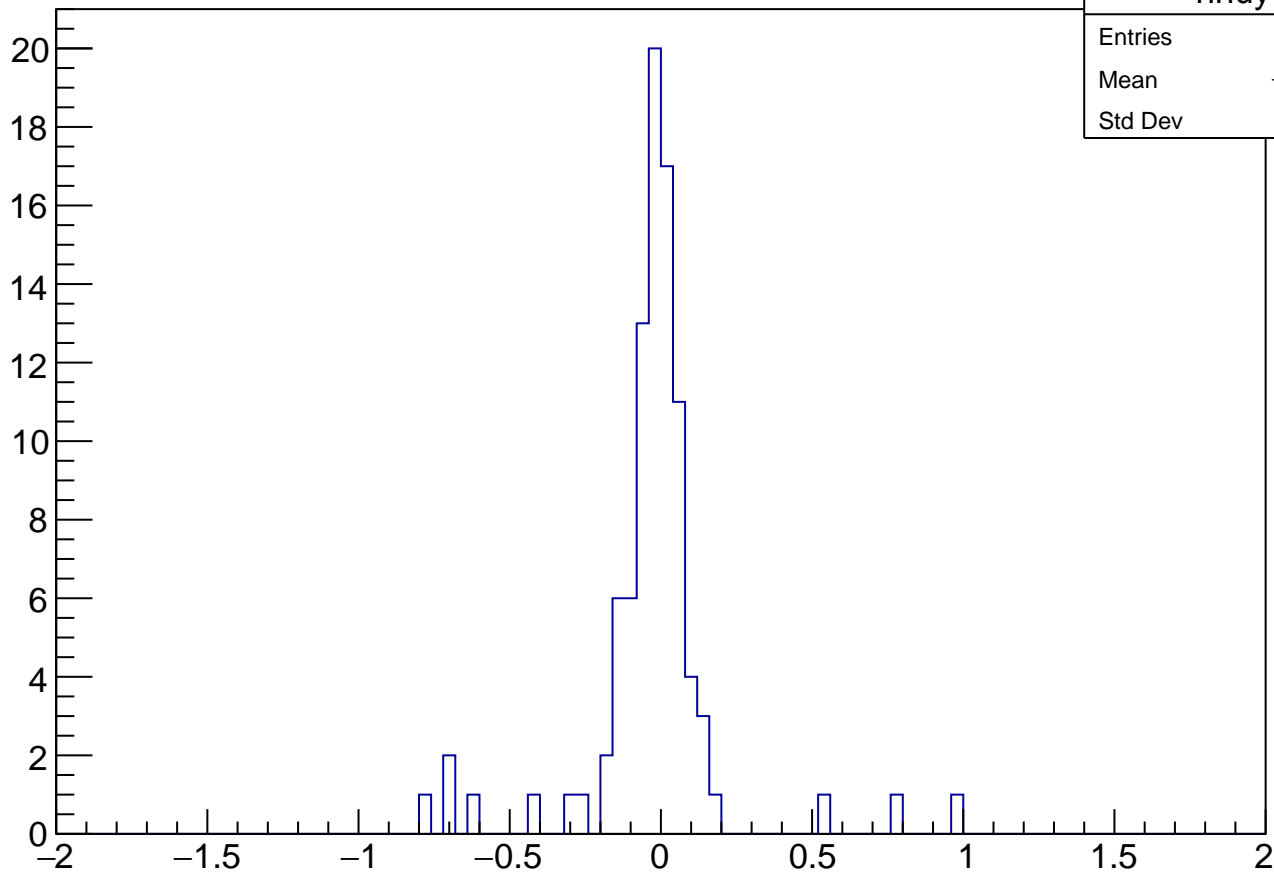
Spectrum_FVD



hnux

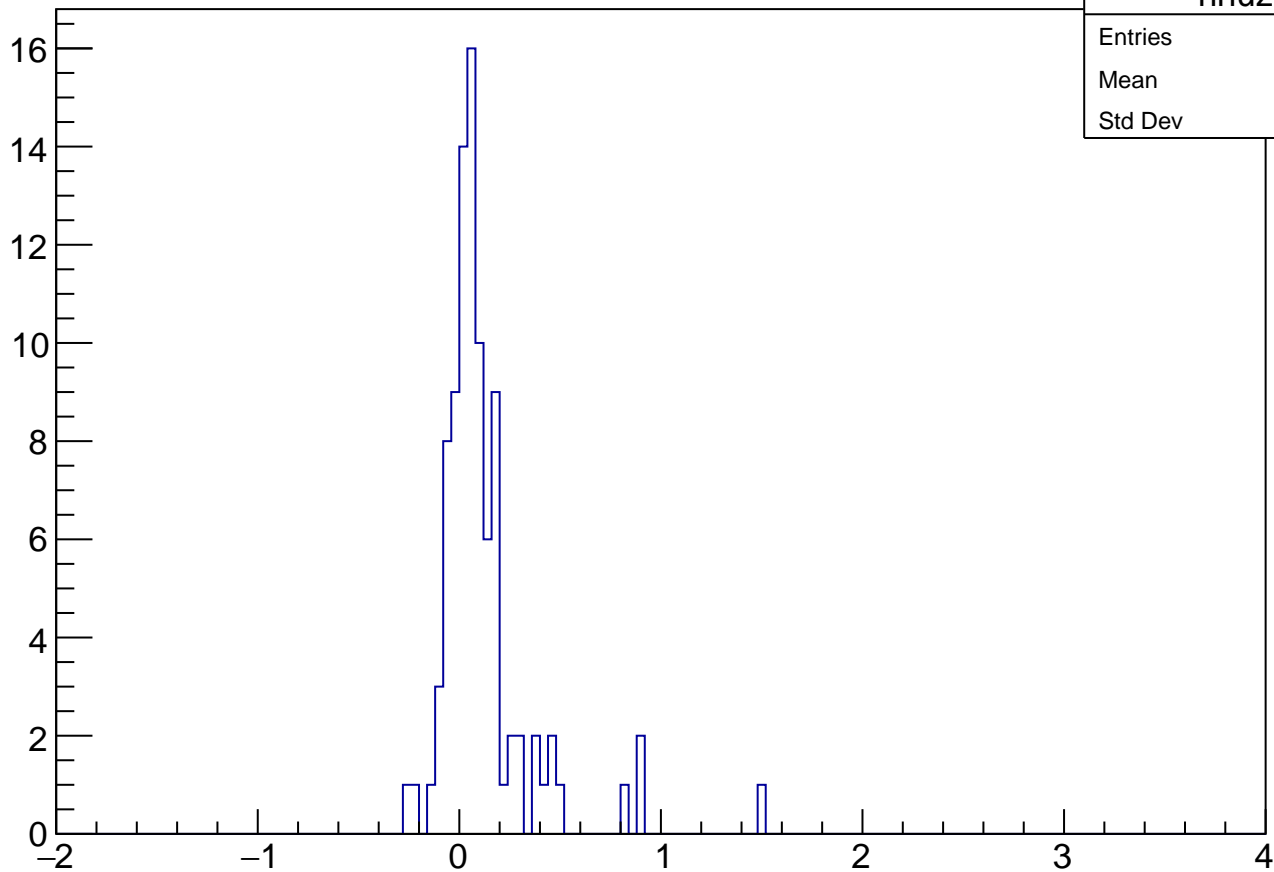


hnuy



hnuy	
Entries	93
Mean	-0.02577
Std Dev	0.2229

hnuz



hnuz	
Entries	93
Mean	0.1211
Std Dev	0.2418

Graph2D

