

Daily report

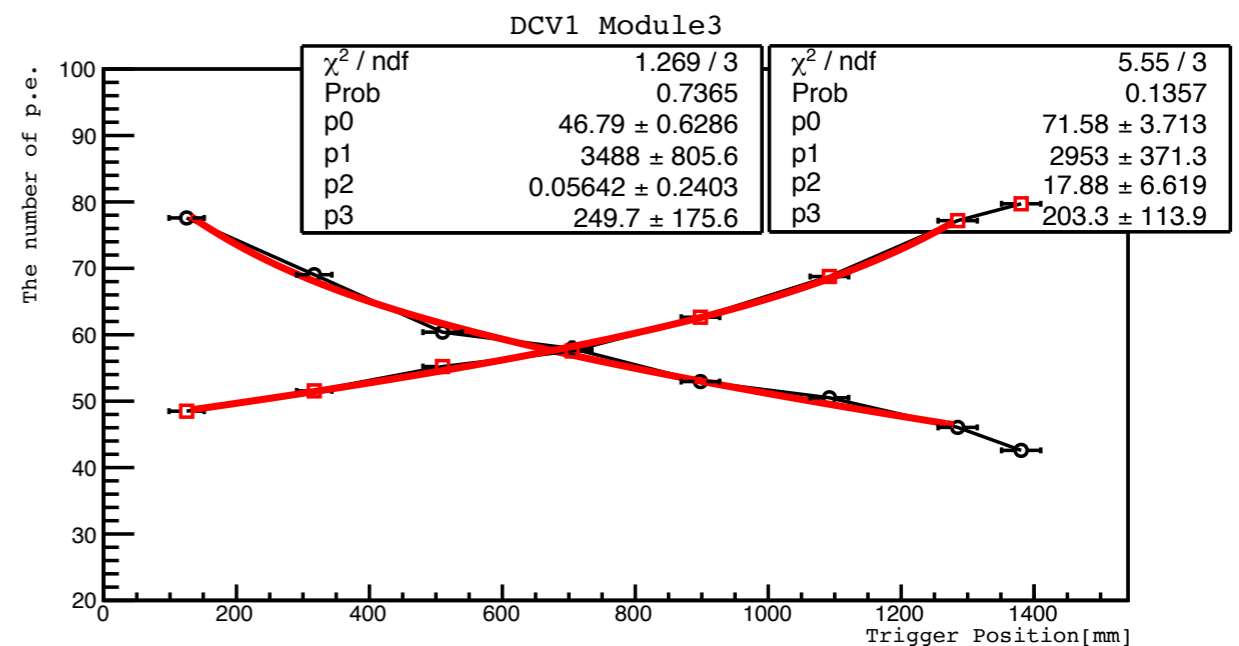
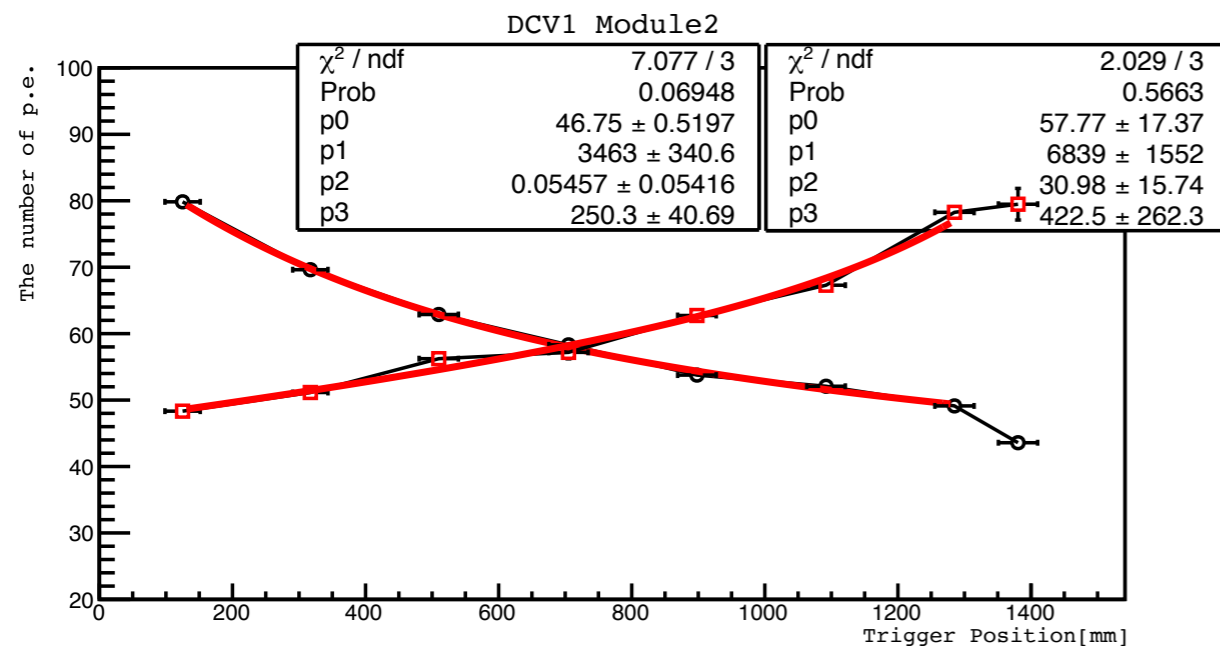
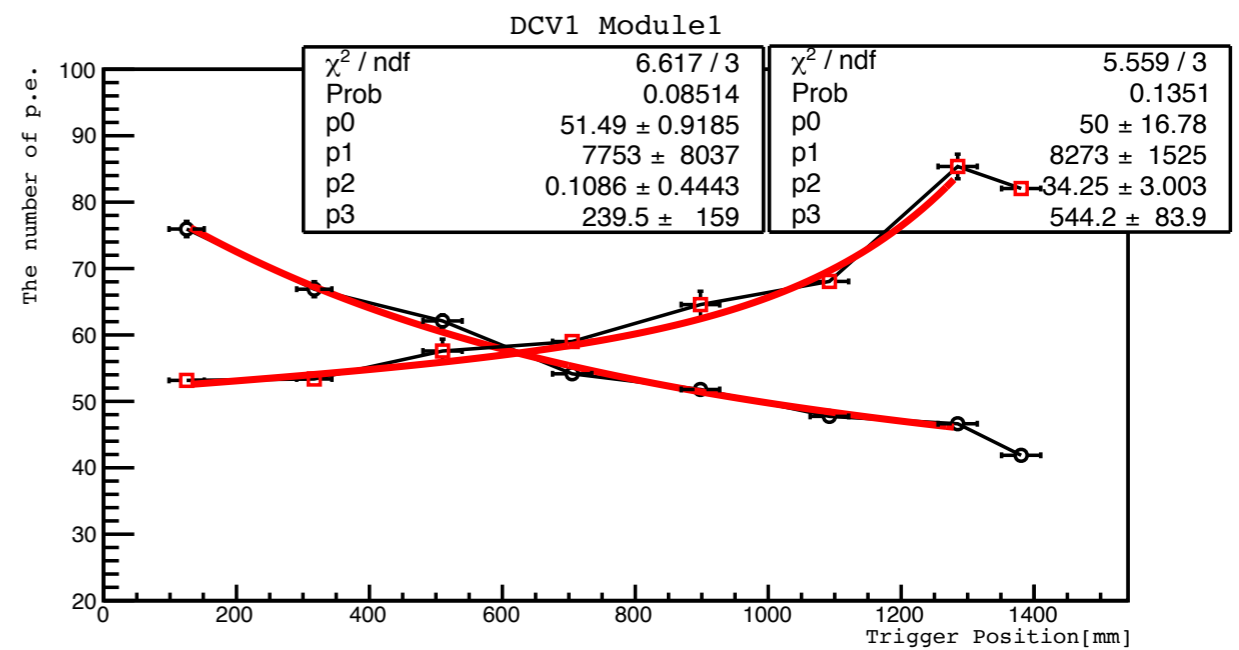
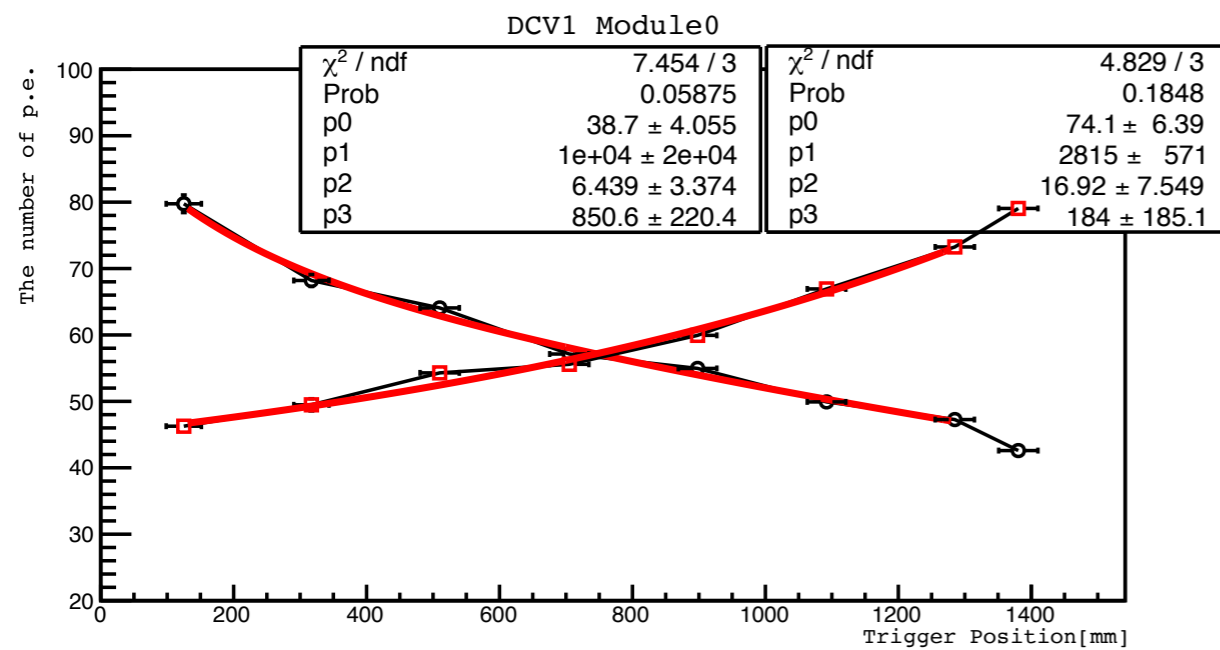
20 March, 2019

DCV1 Attenuation fitting

- Function formation

- Front = $[0] * \exp(-x / [1]) + [2] * \exp(-x / [3])$

- Rear = $[0] * \exp(x / [1]) + [2] * \exp(x / [3])$

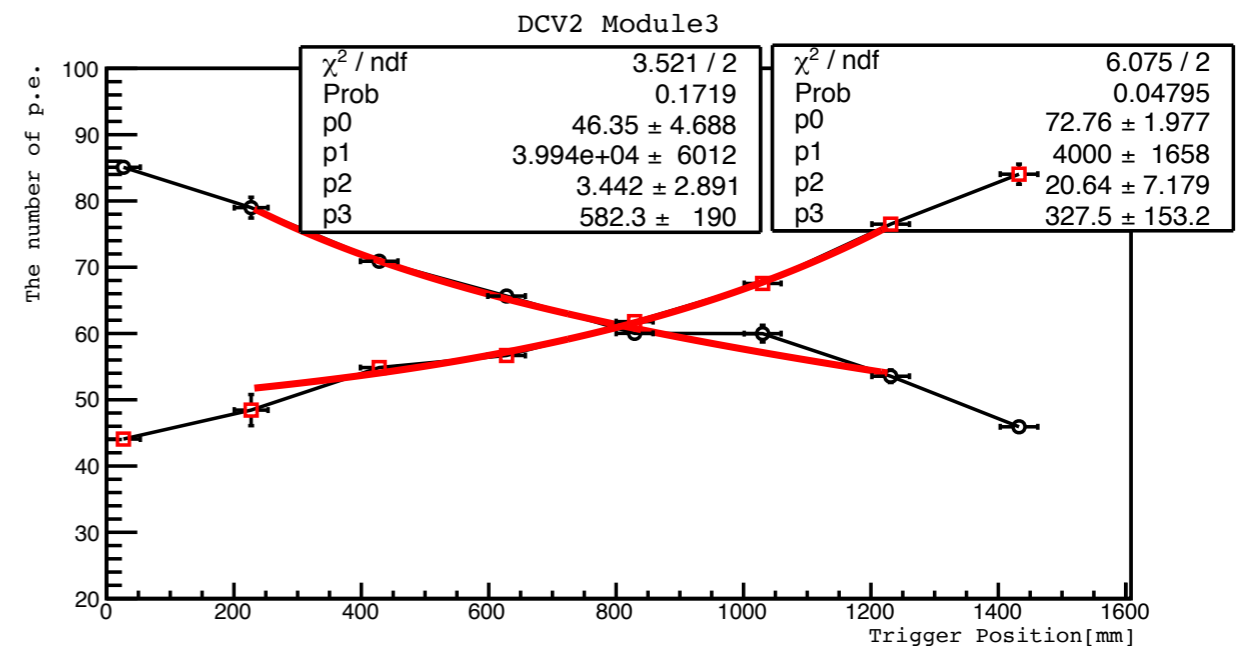
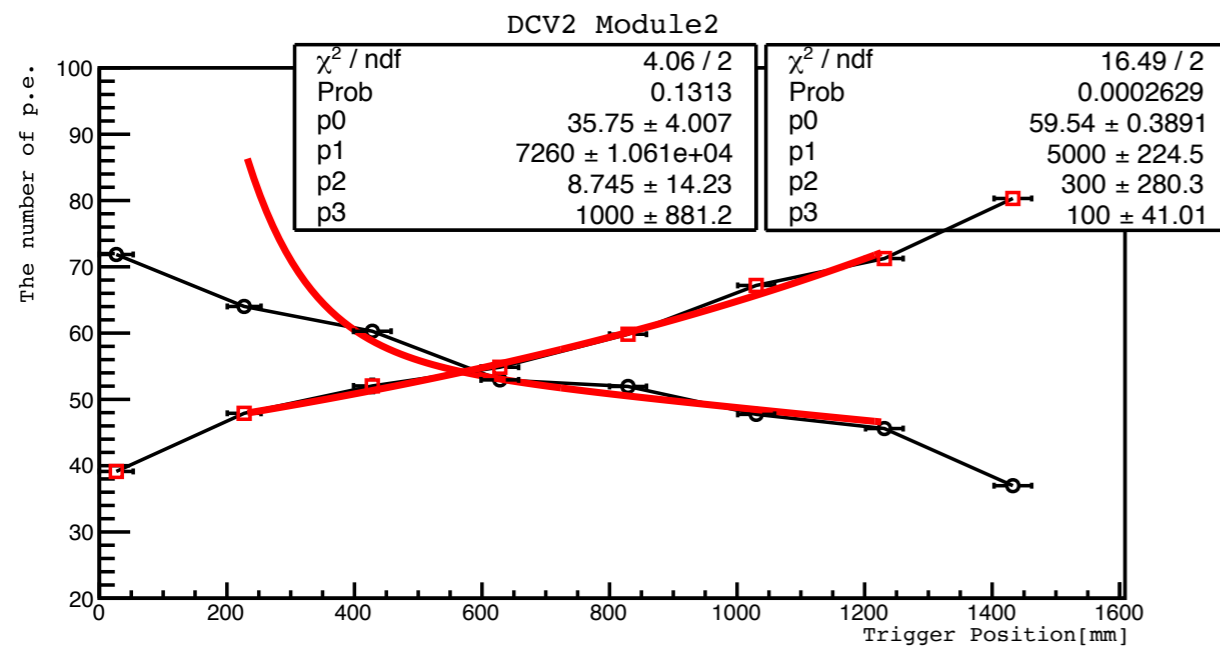
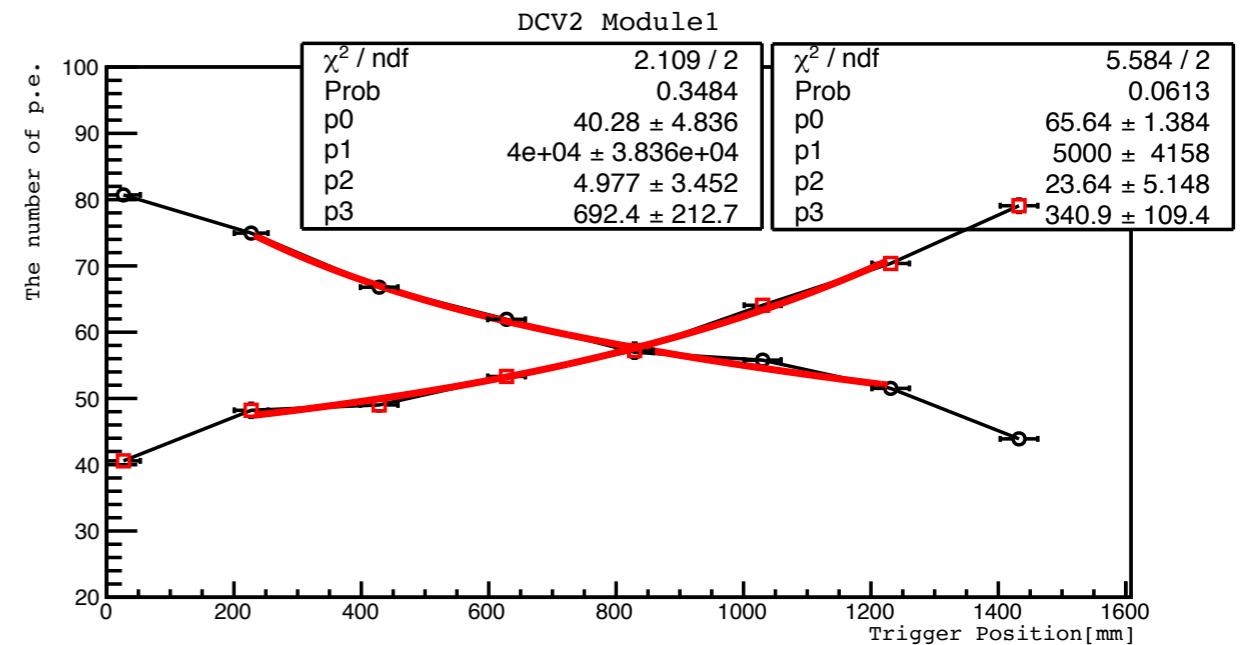
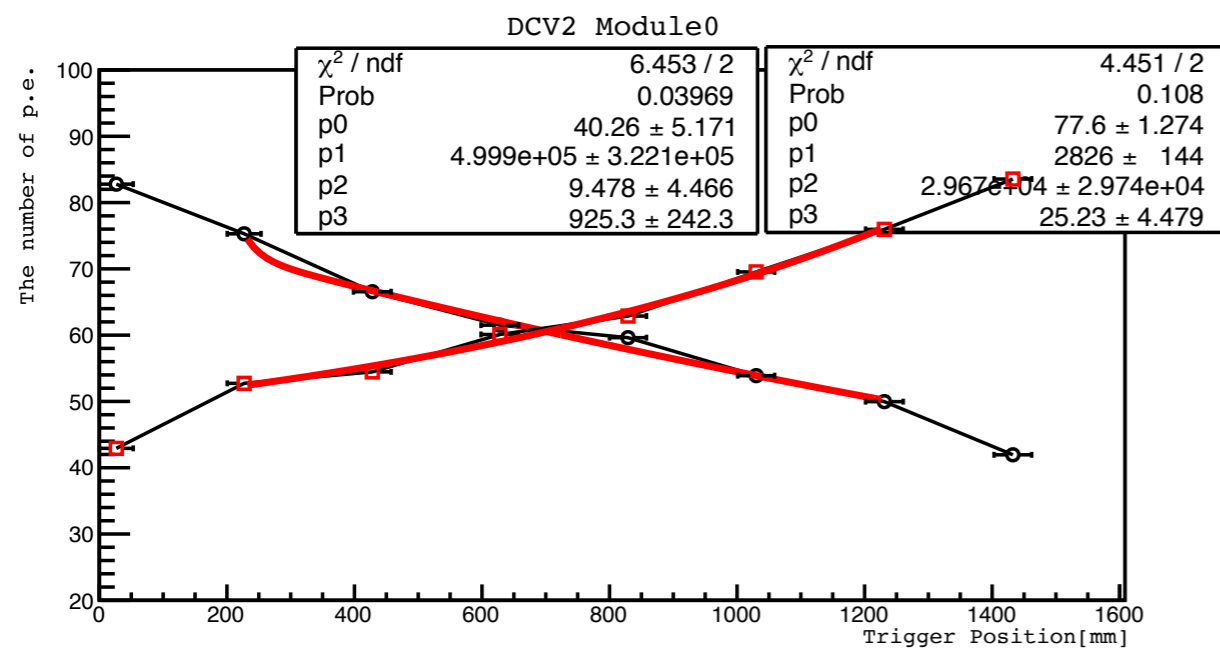


DCV2 Attenuation fitting(Not complete)

- Function formation

- Front = $[0] * \exp(-x / [1]) + [2] * \exp(-x / [3])$

- Rear = $[0] * \exp(x / [1]) + [2] * \exp(x / [3])$



Get the new cosmic run data

Run number
(Total 94 Run)

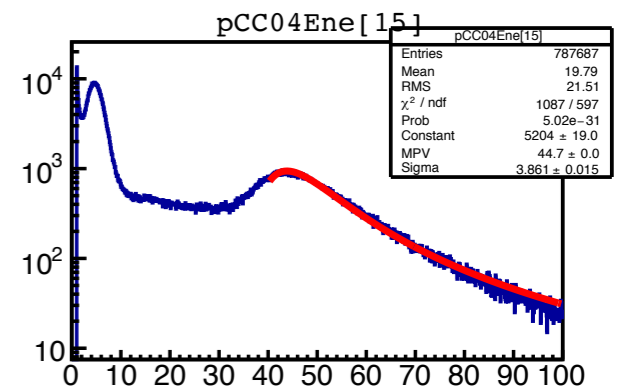
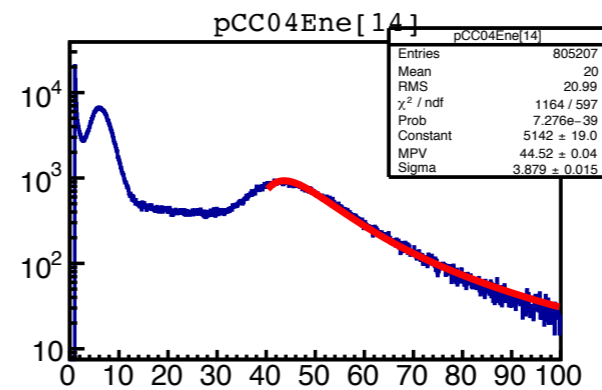
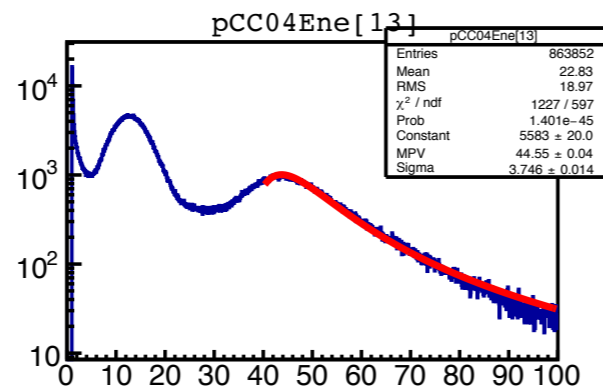
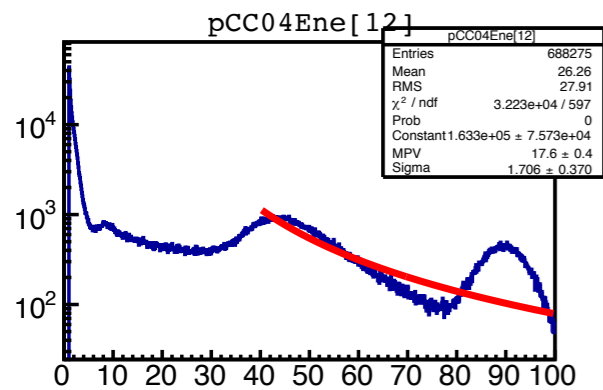
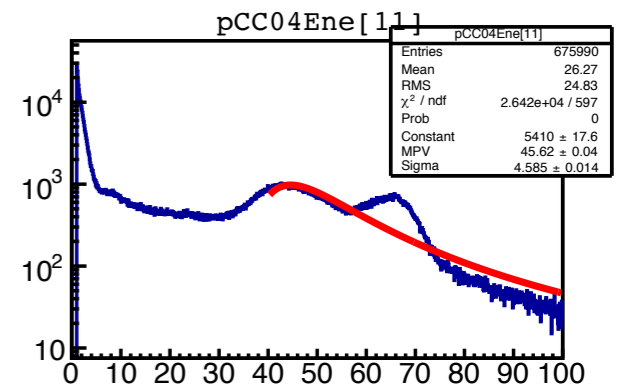
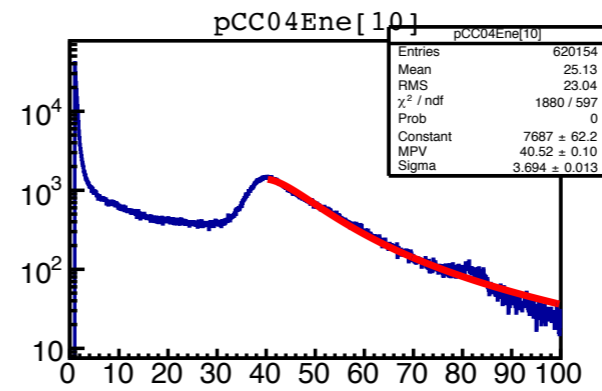
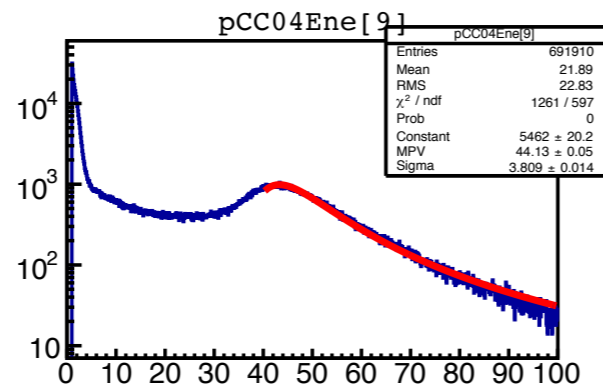
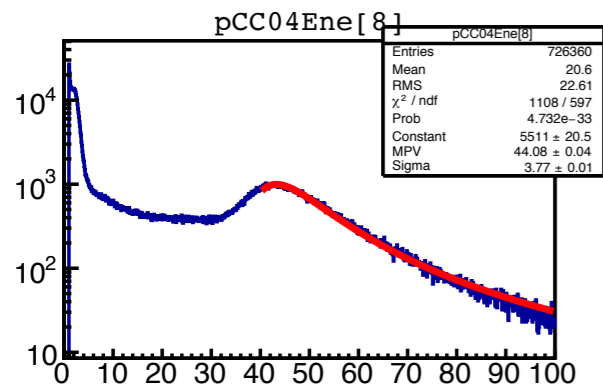
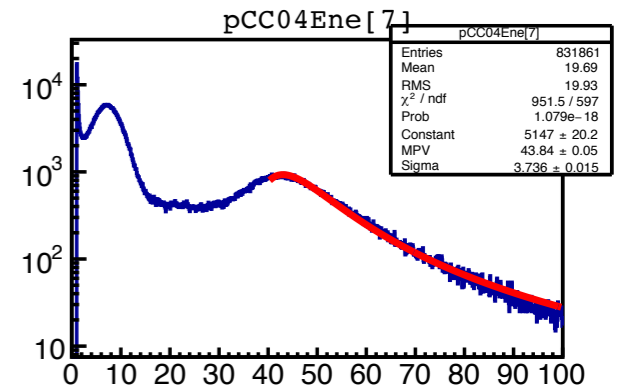
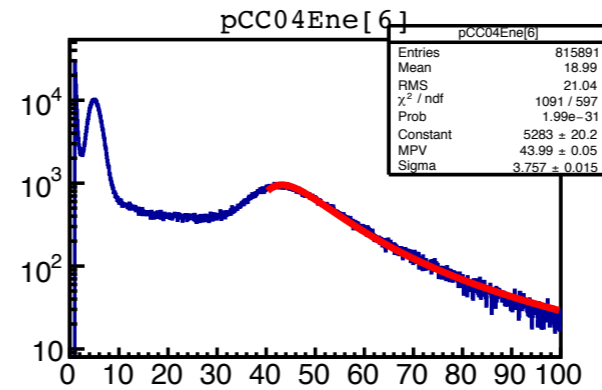
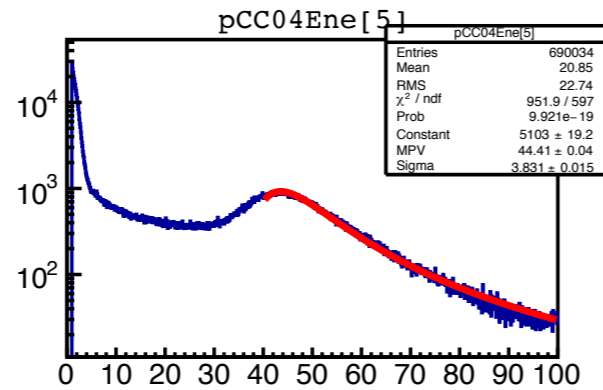
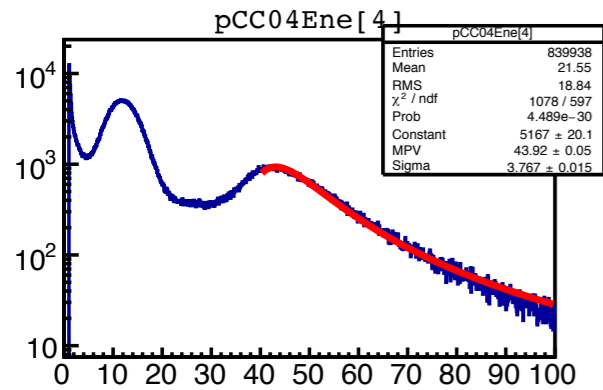
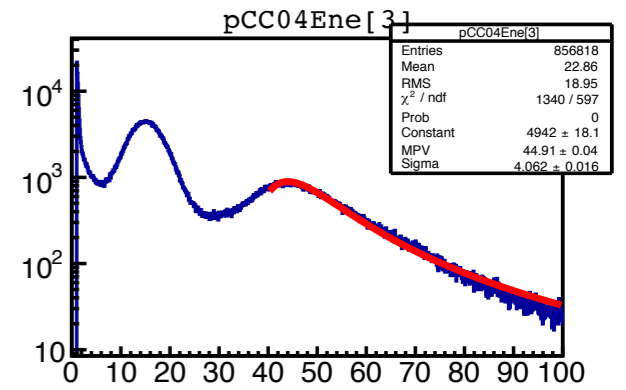
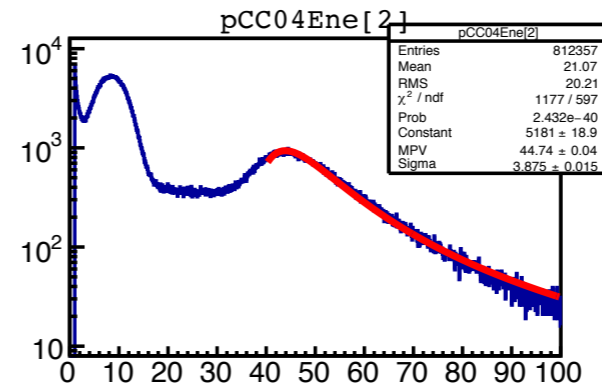
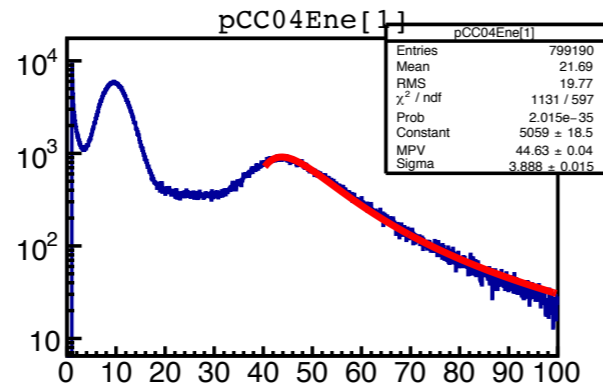
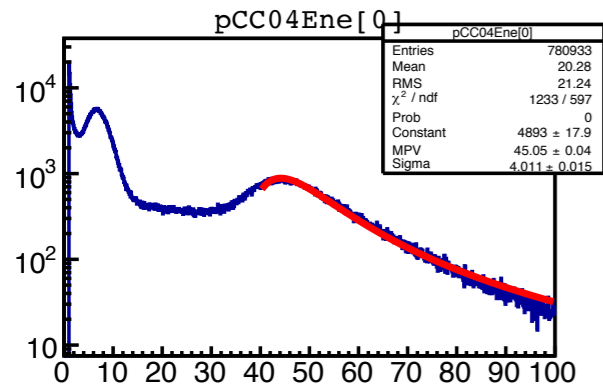
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30511	30635	30911
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30519	30639	31012
30520	30759	31014
30521	30760	31015
30522	30761	31016
30523	30762	31017
30524	30763	31018
30525	30764	31019
30526	30765	31020
30527	30766	31021
30528	30768	31022
30530	30769	31023
30531	30770	31024
30532	30771	31025
30533	30772	31026
30534	30773	31027
30535	30775	31028
30536	30776	31029
30537	30777	31030
30539	30778	31031
30540	30779	31032
30541	30780	31033
30544	30781	31034
30546	30782	31035
30547	30783	
30548	30784	

Get the new branch in the tree.

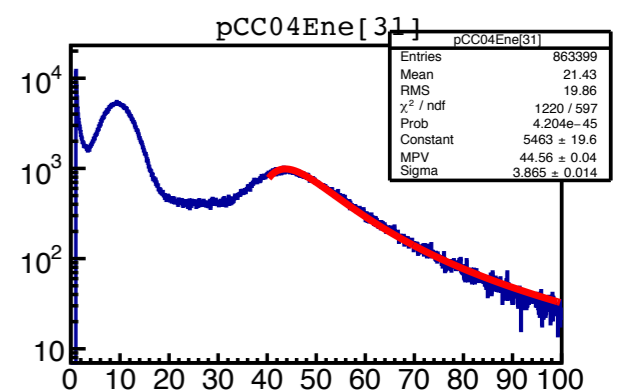
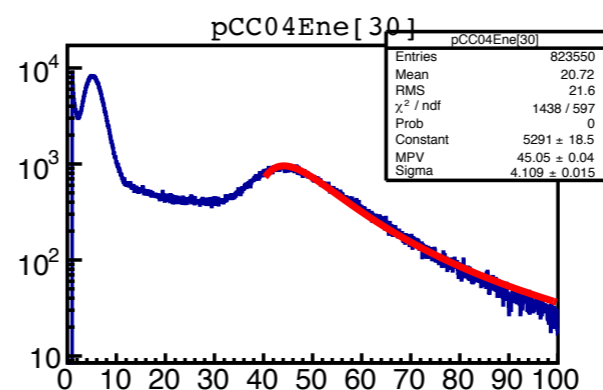
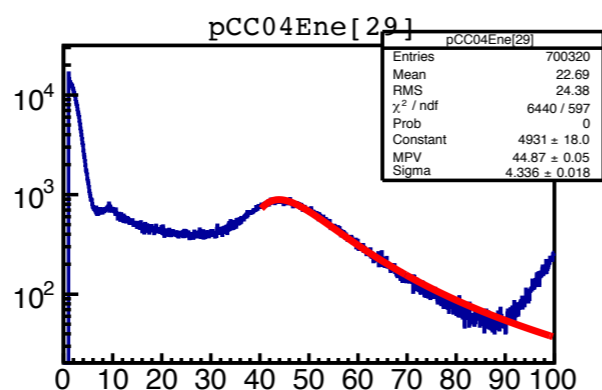
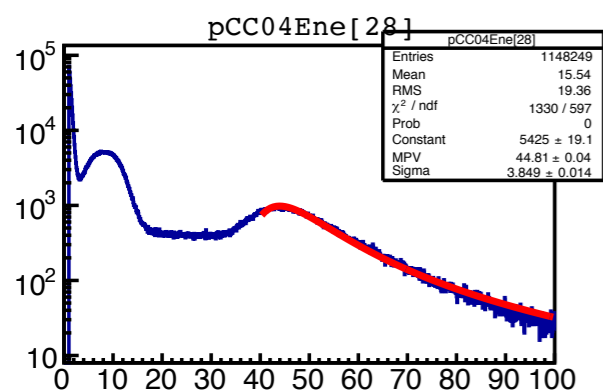
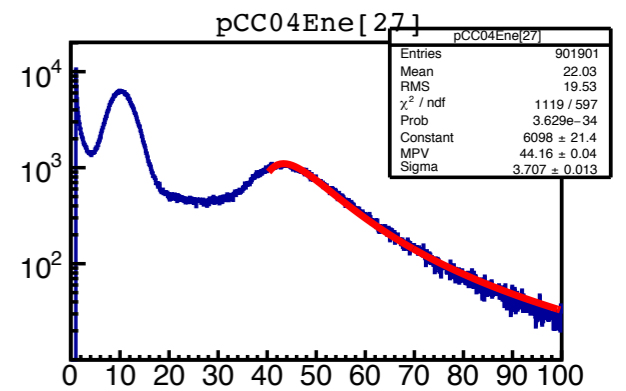
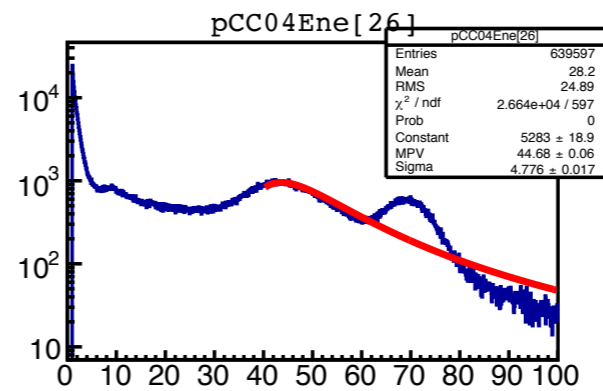
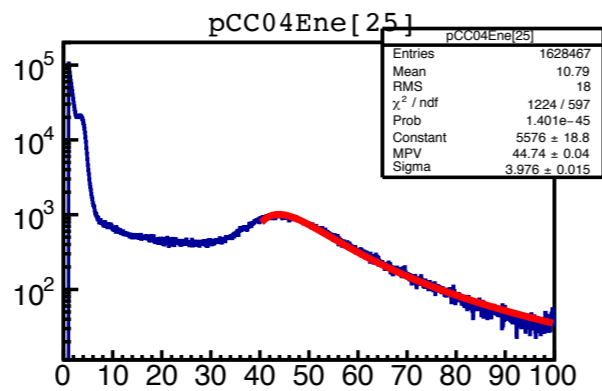
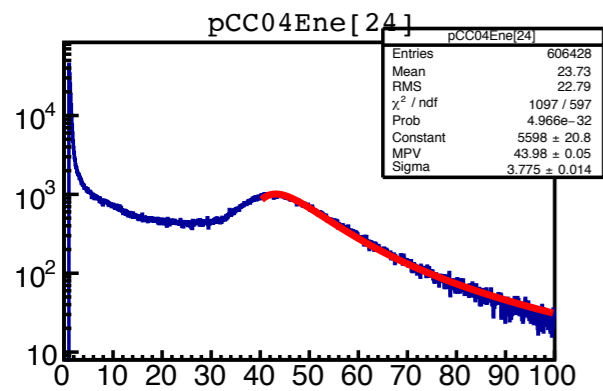
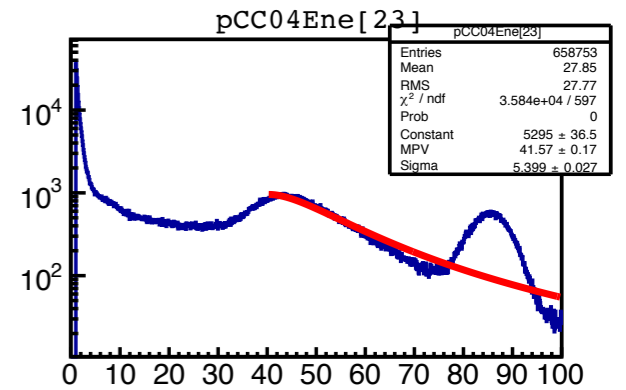
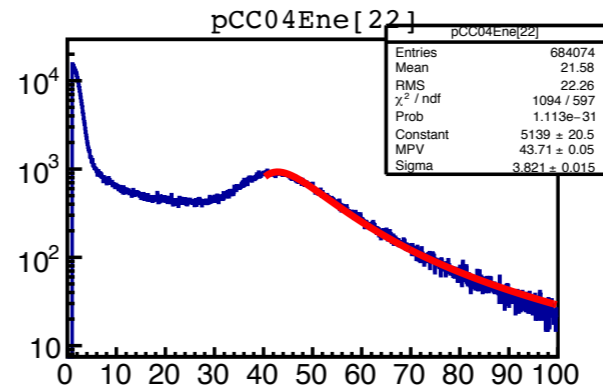
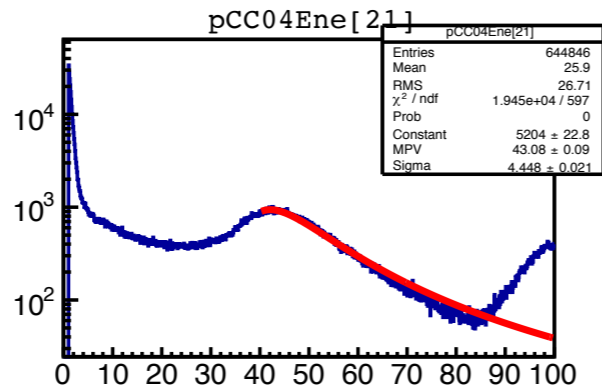
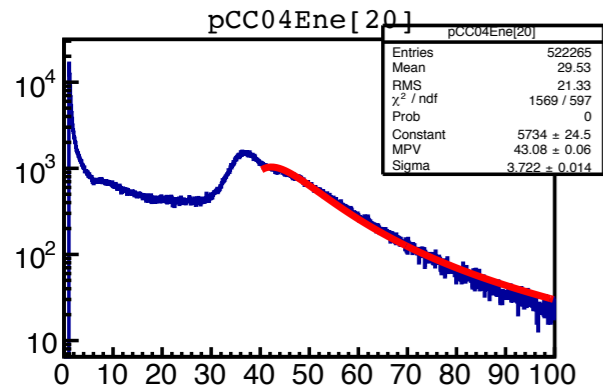
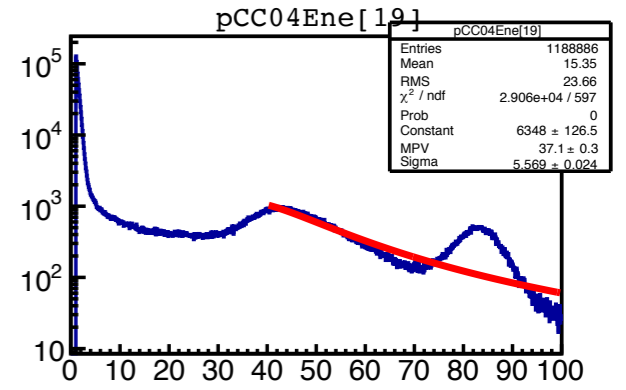
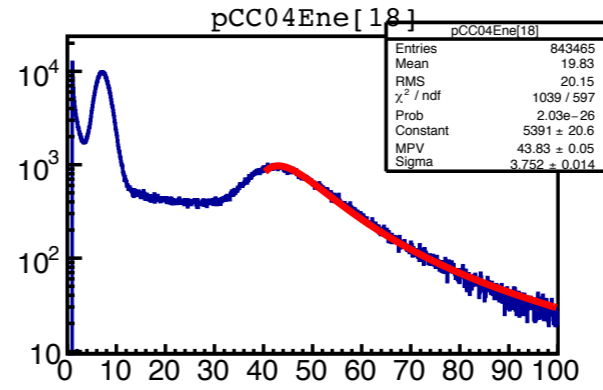
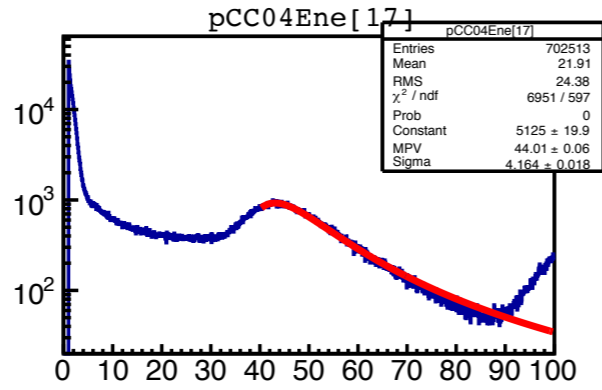
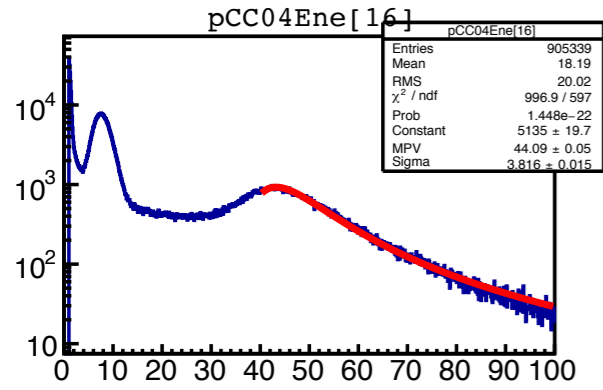
```
CC04Ene, CC05Ene  
TRIGGERTAGNumber  
TRIGGERTAGIntegratedADC
```

```
// TRIGGERTAG  
const int TRIGGERTAGNChannels = 6;  
enum { TRIG_10HzCLOCK=0, TRIG_LASER,  
TRIG_LED, TRIG_MBCR, TRIG_FBCR,  
TRIG_CSICR };
```

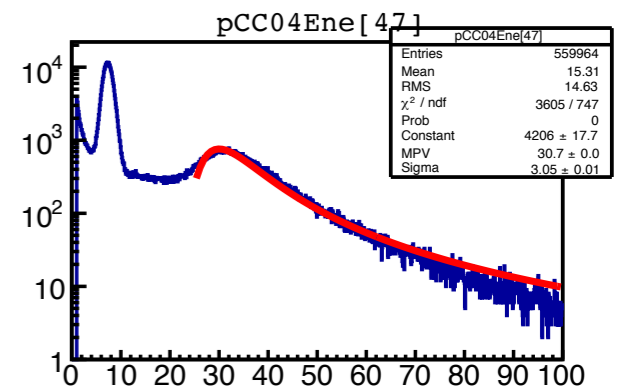
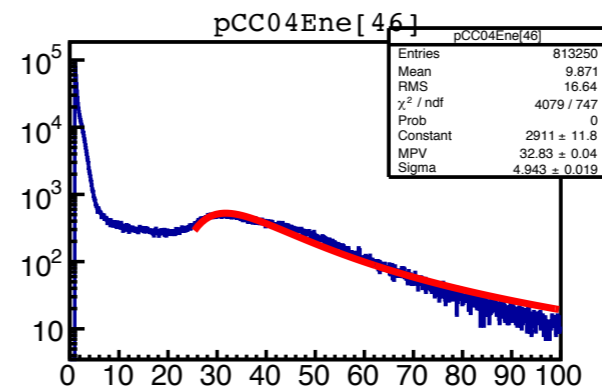
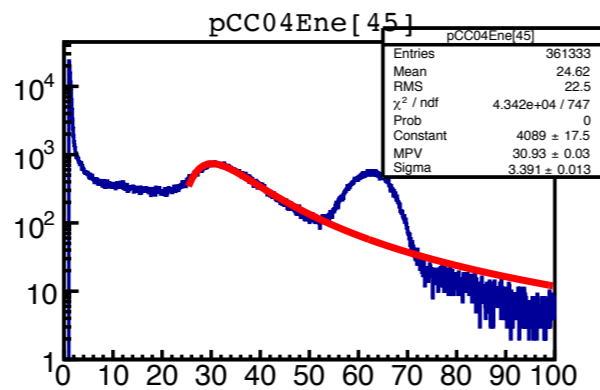
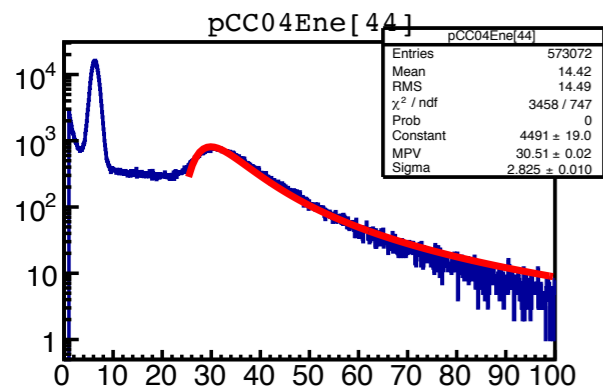
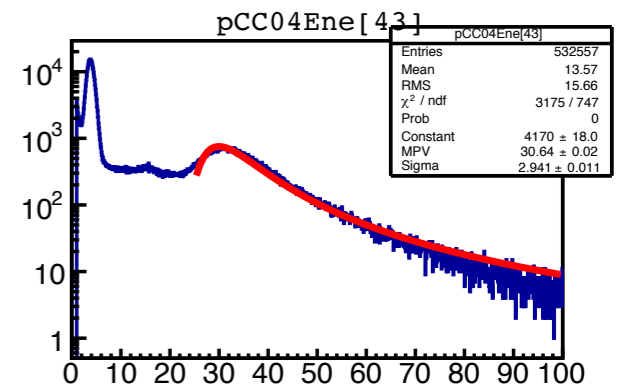
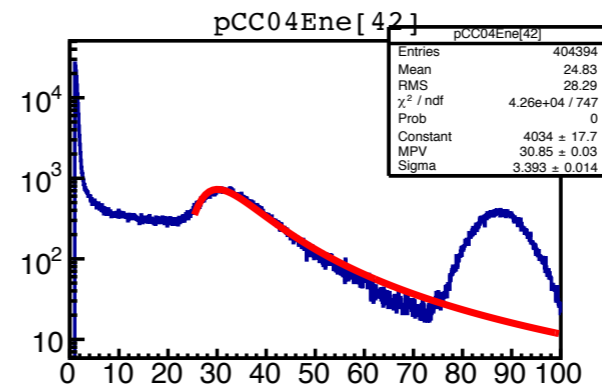
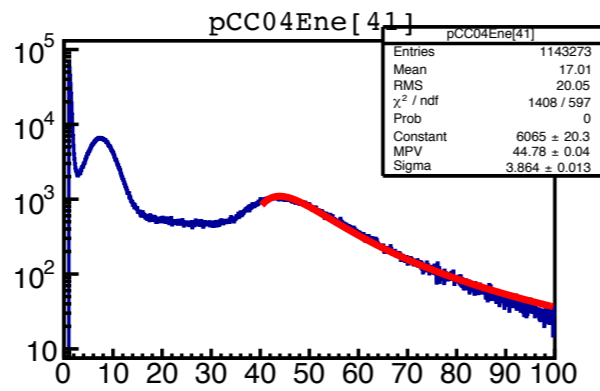
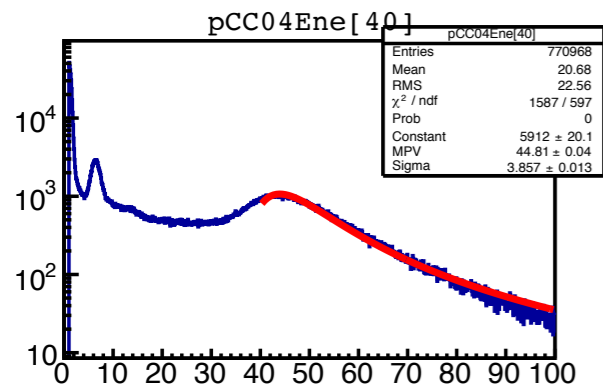
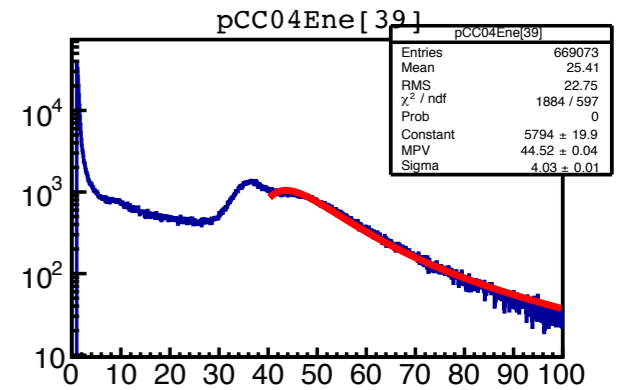
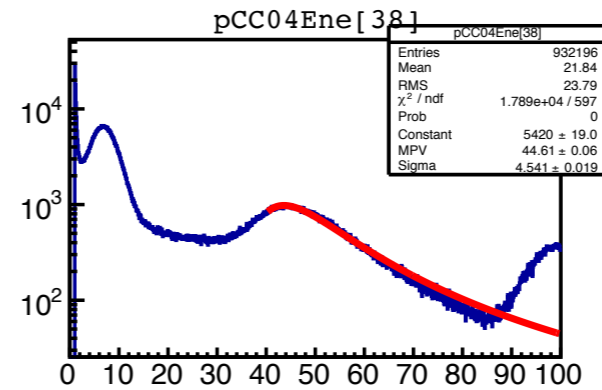
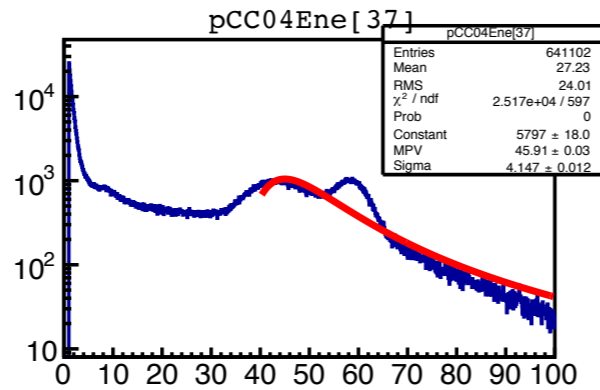
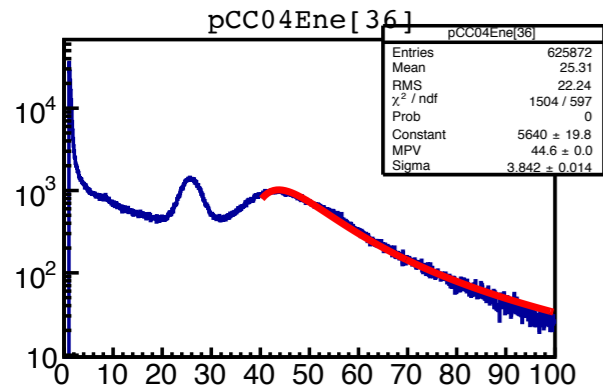
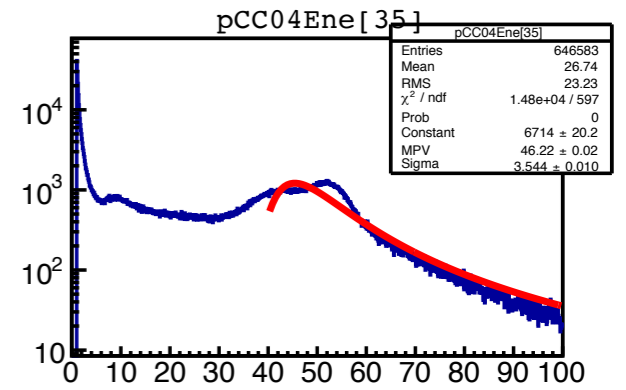
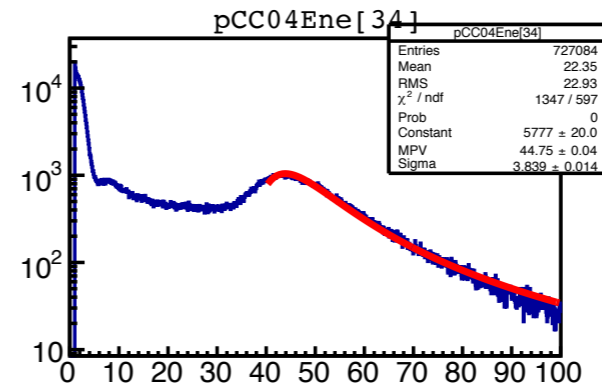
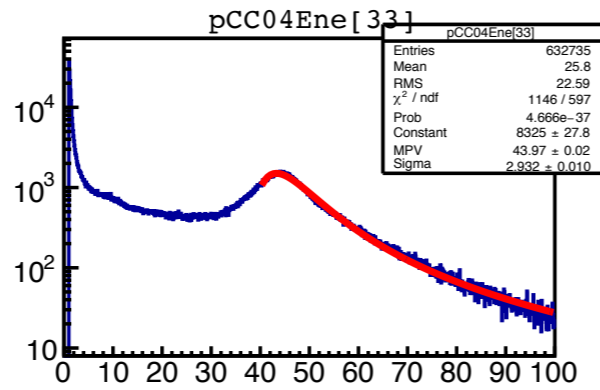
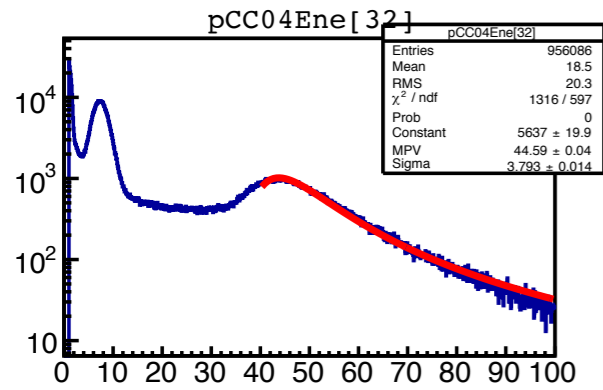
CC04Ene(No Cut)



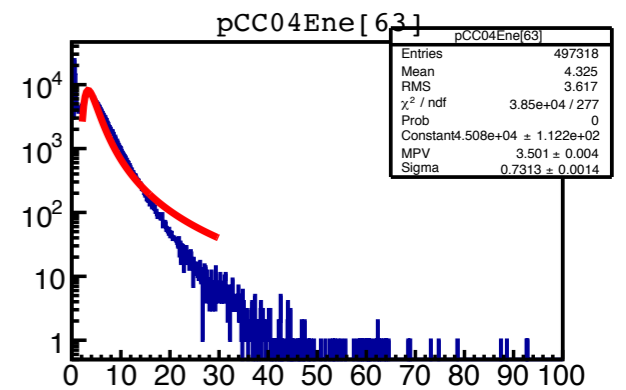
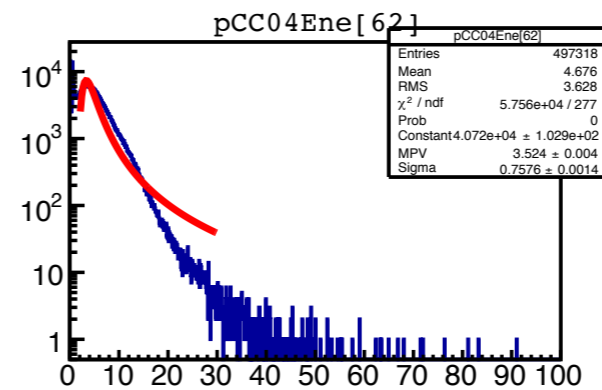
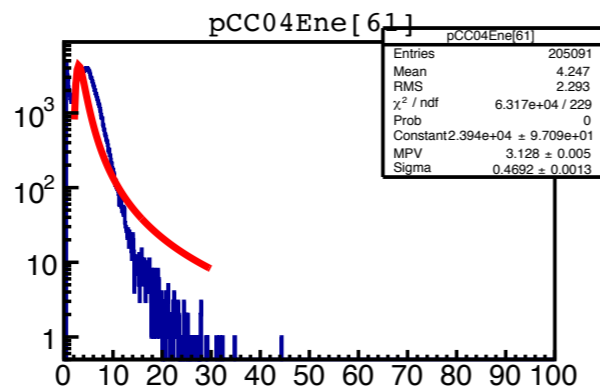
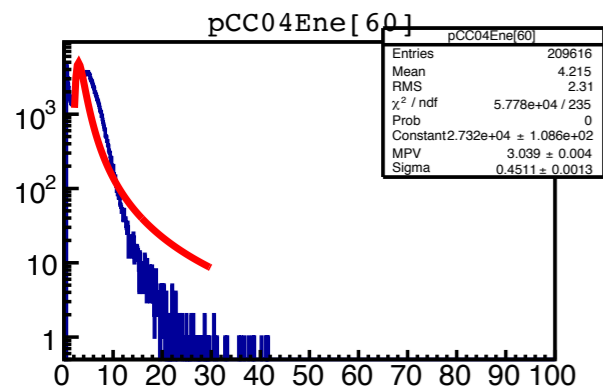
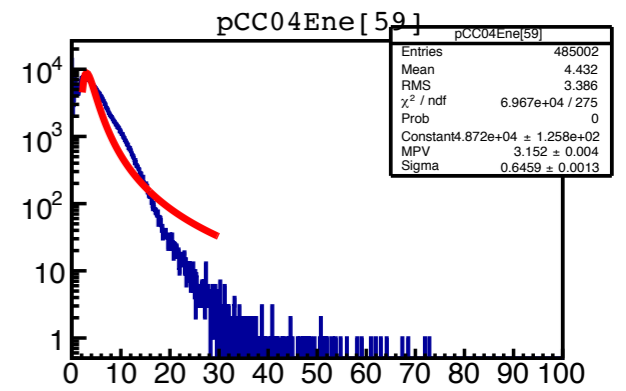
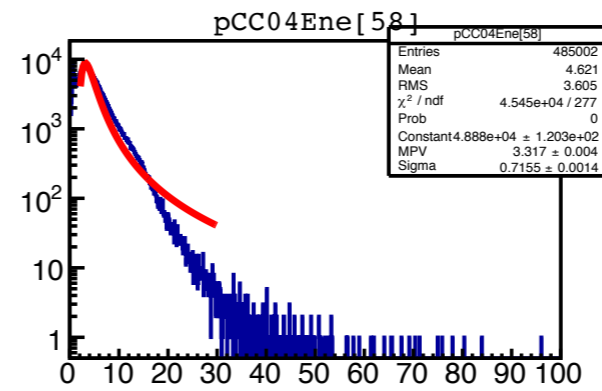
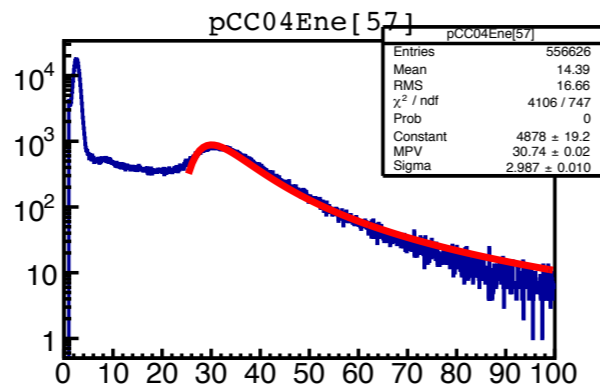
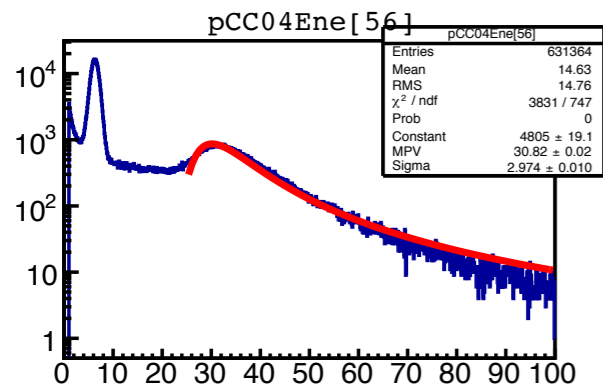
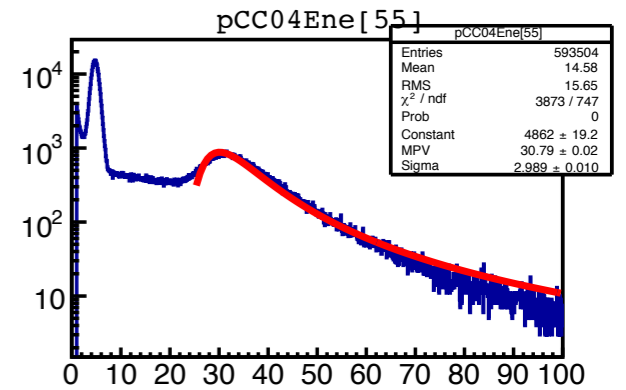
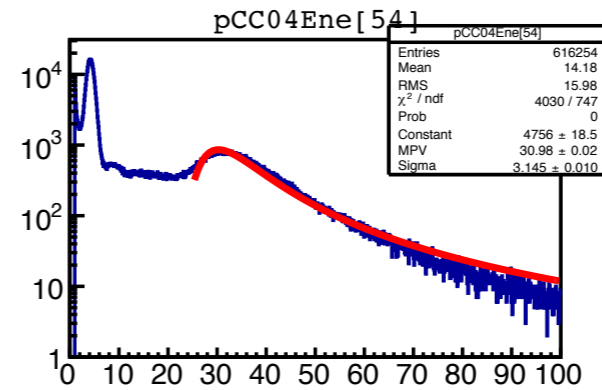
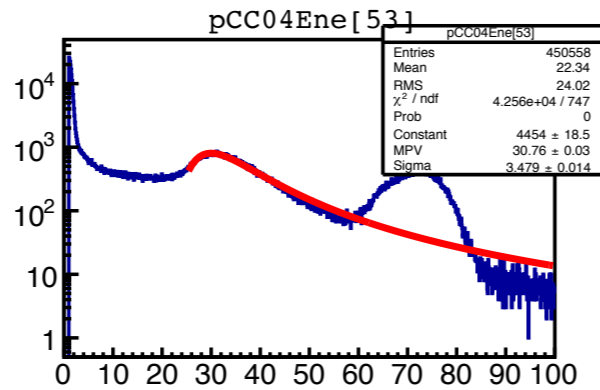
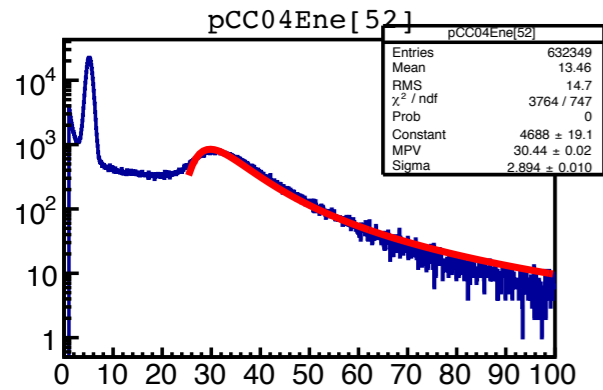
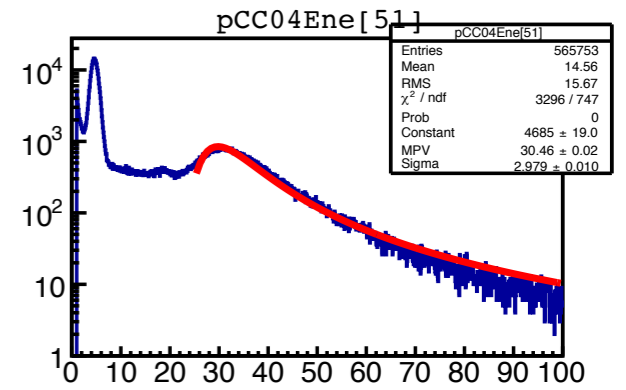
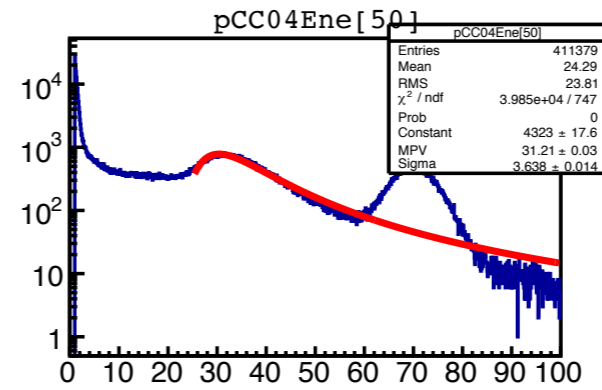
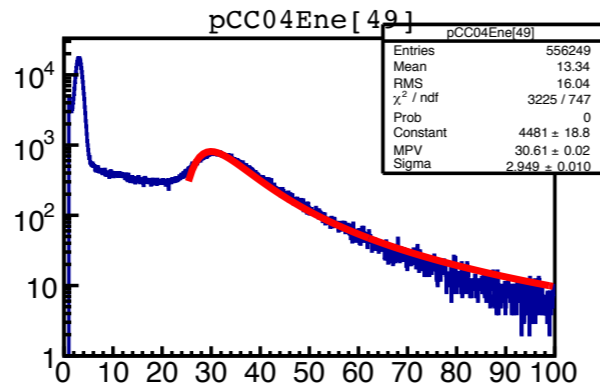
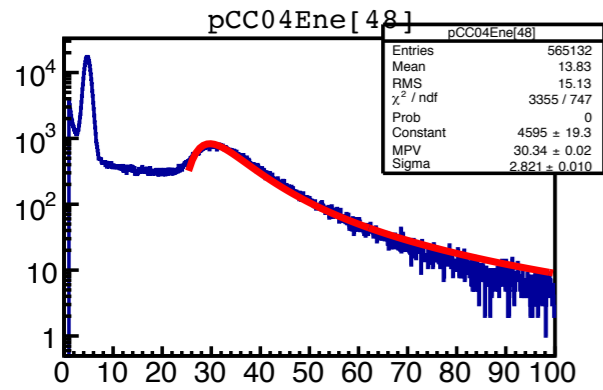
CC04Ene(No Cut)



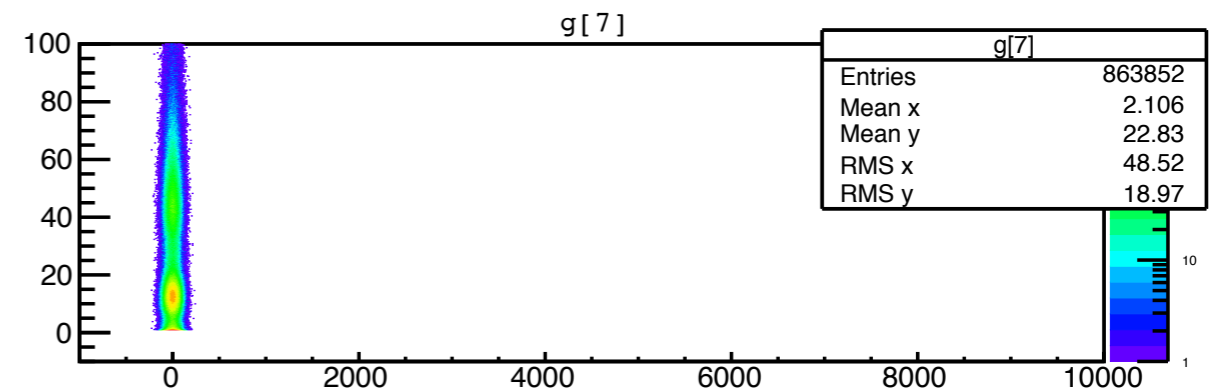
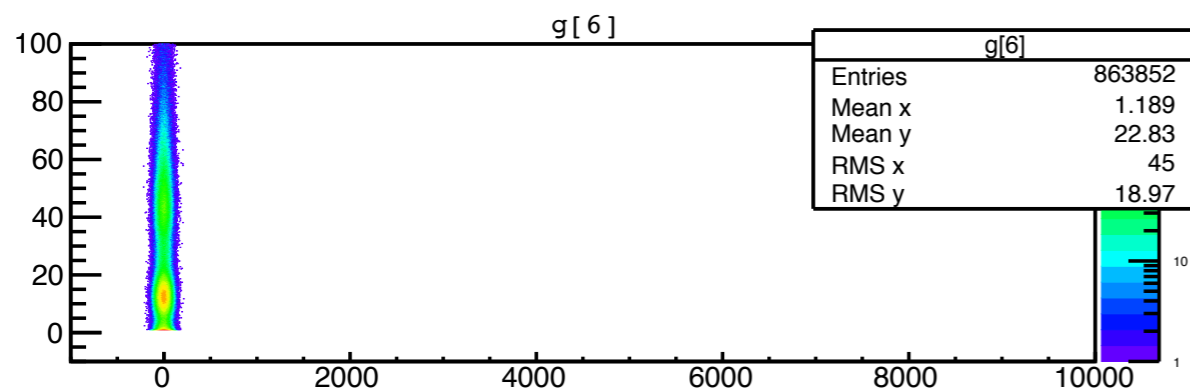
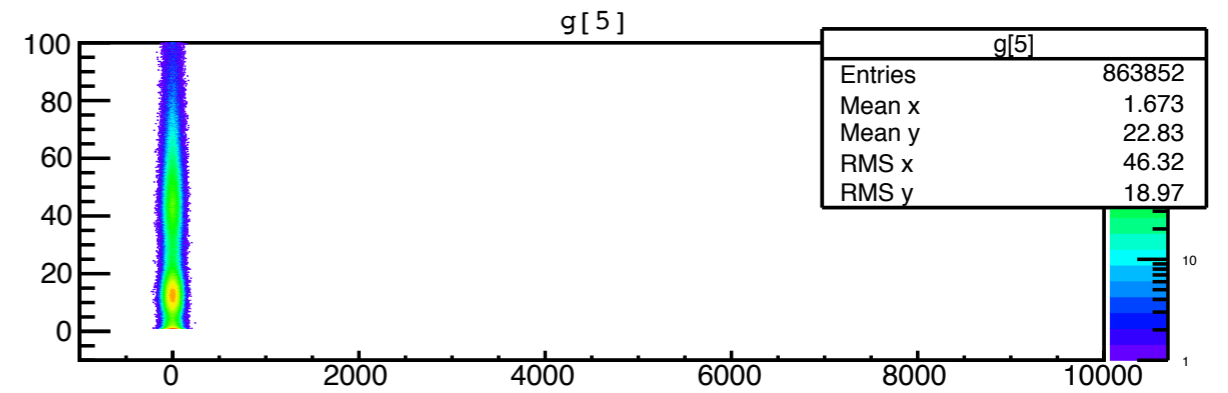
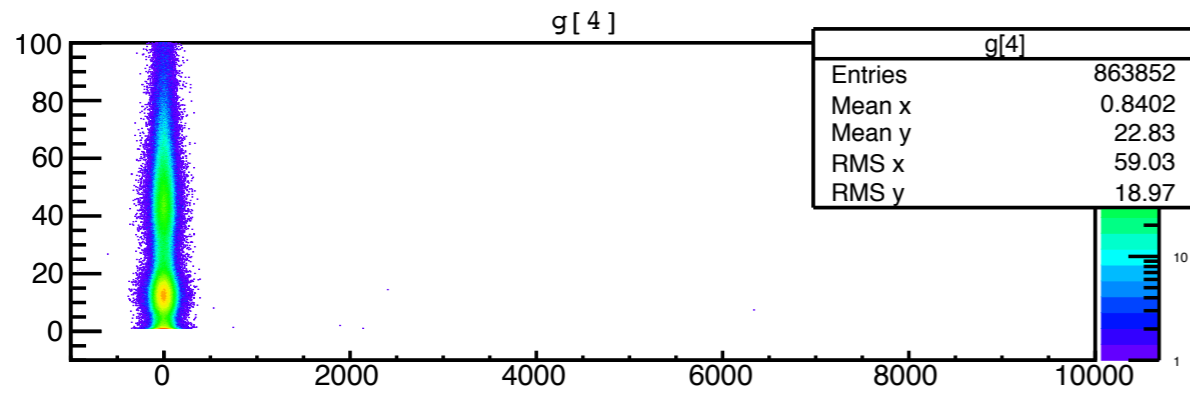
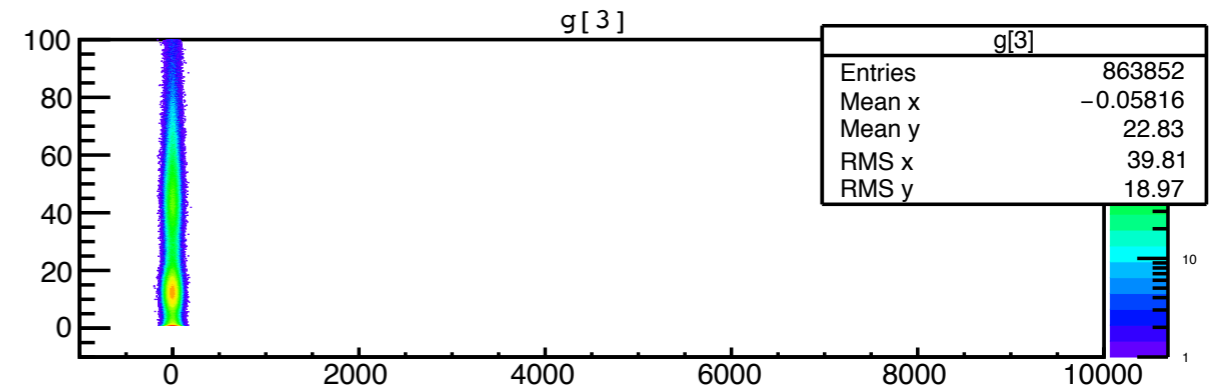
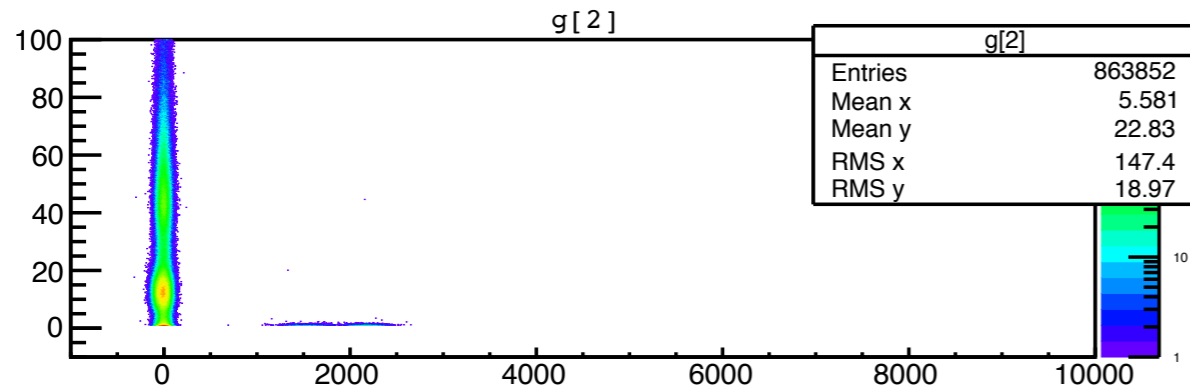
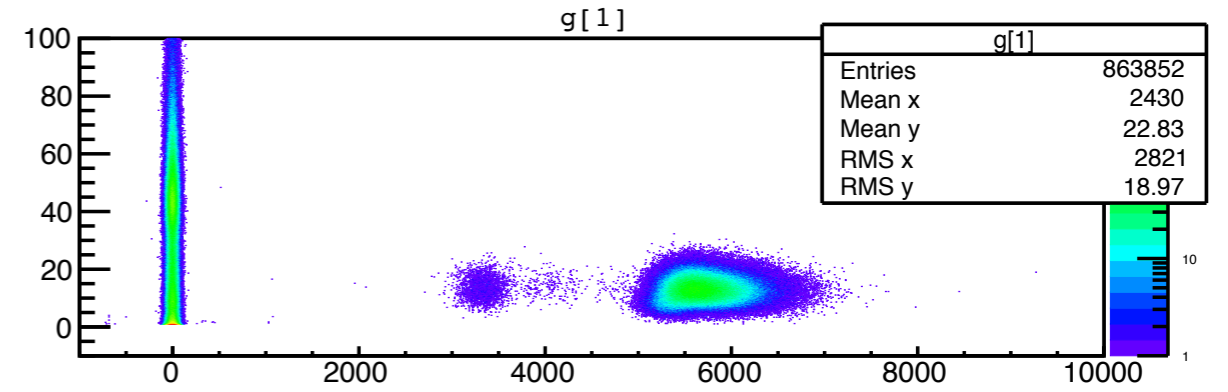
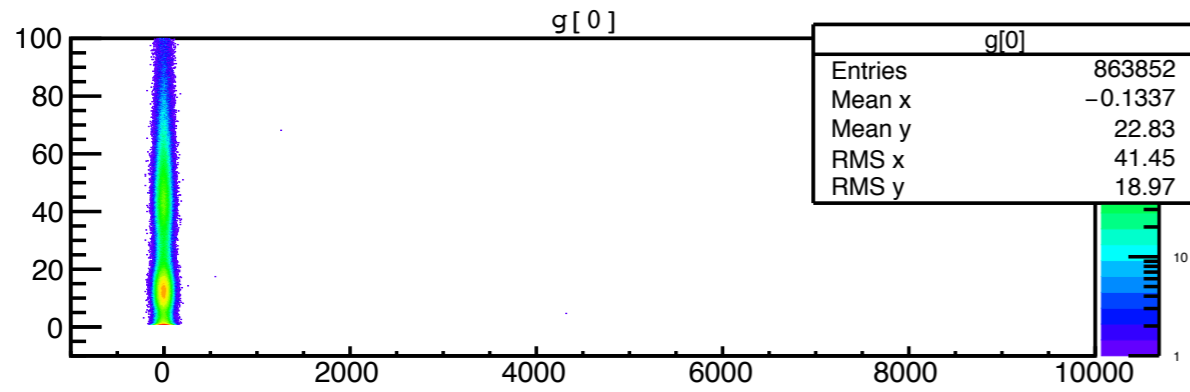
CC04Ene(No Cut)



CC04Ene(No Cut)



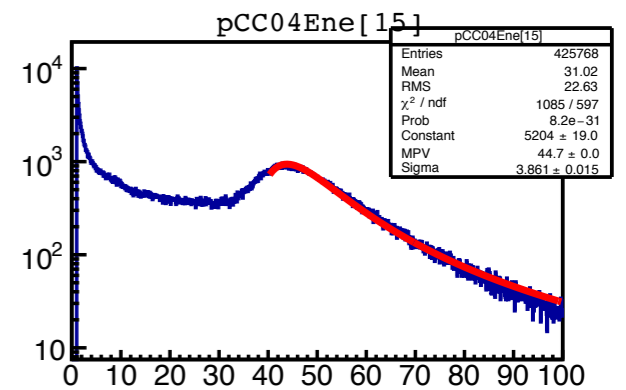
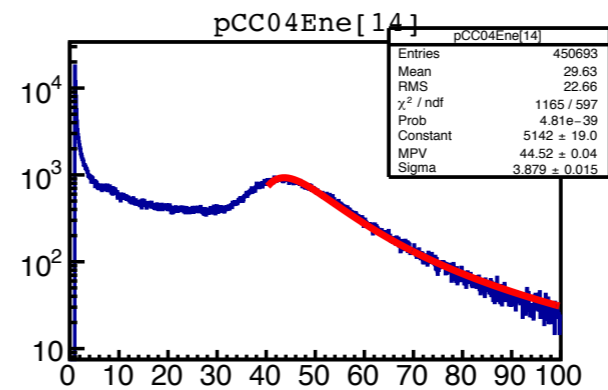
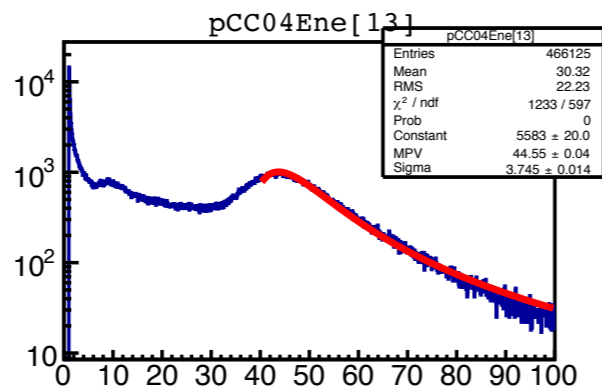
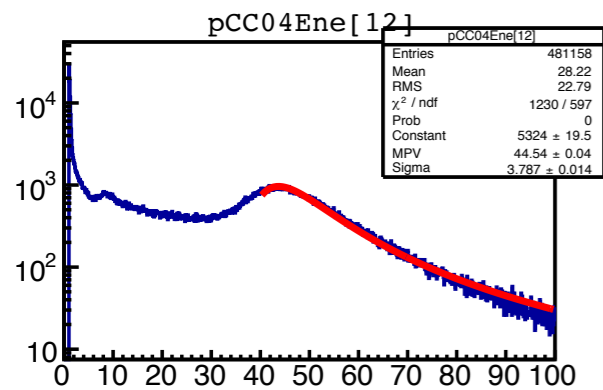
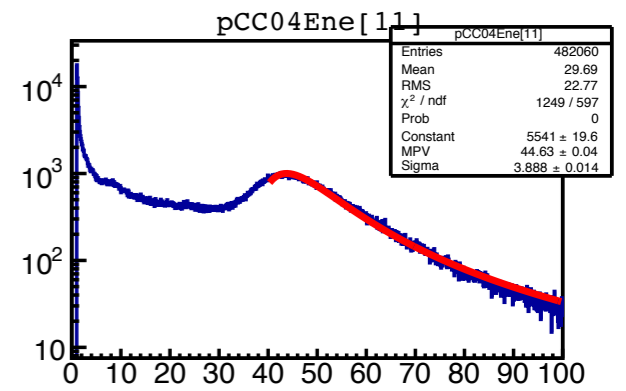
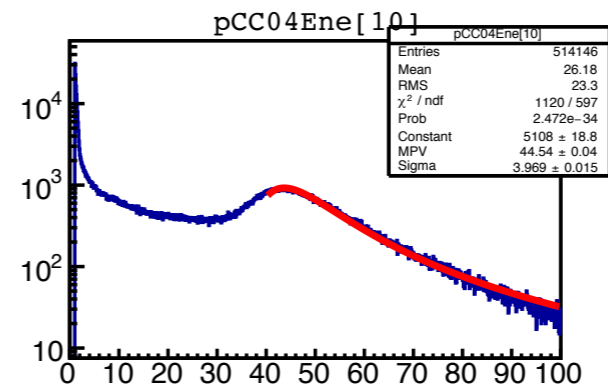
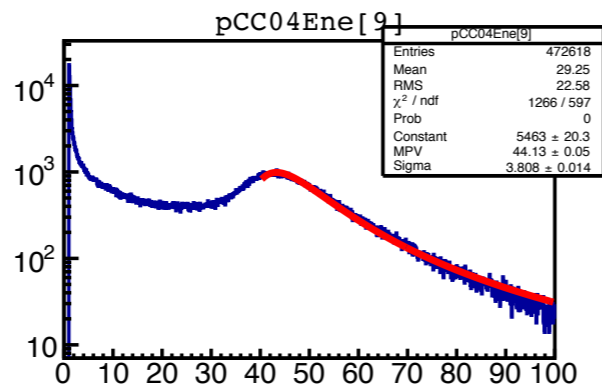
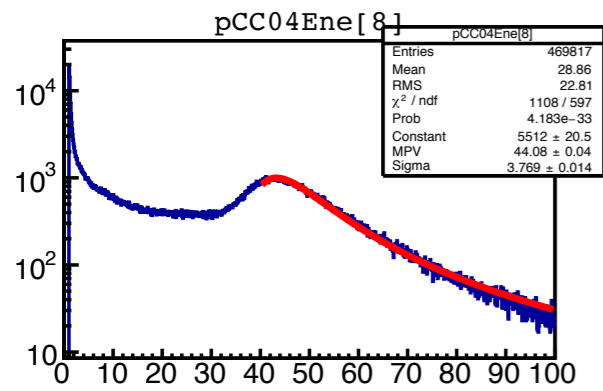
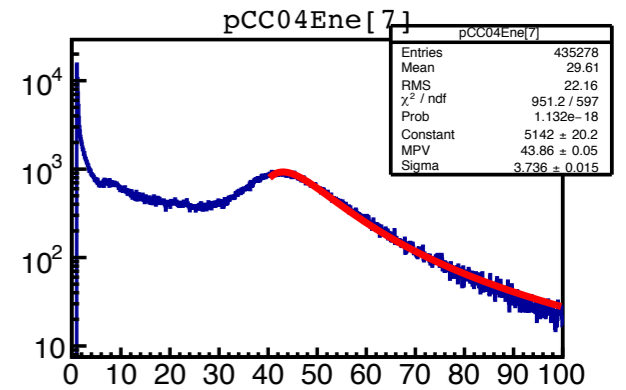
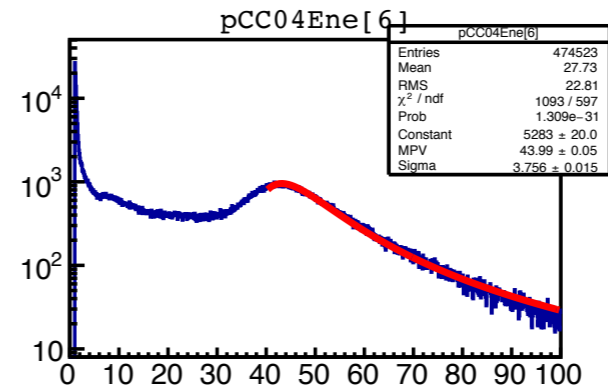
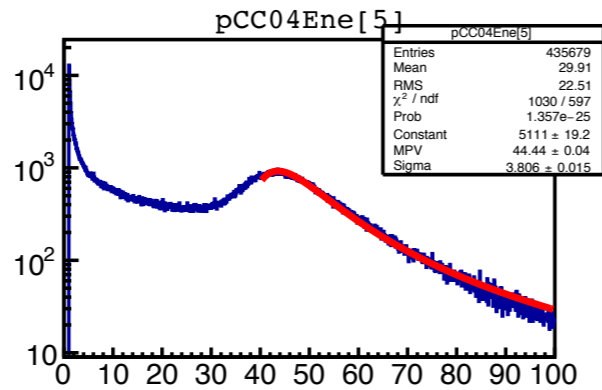
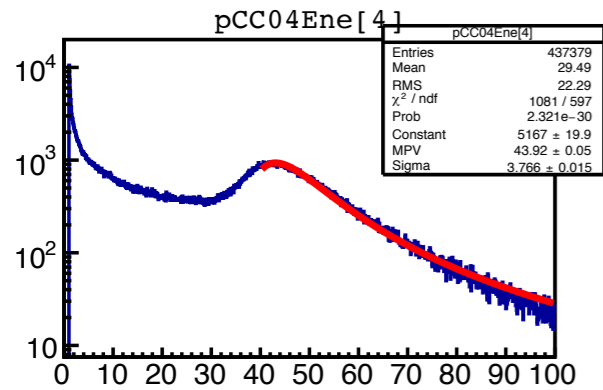
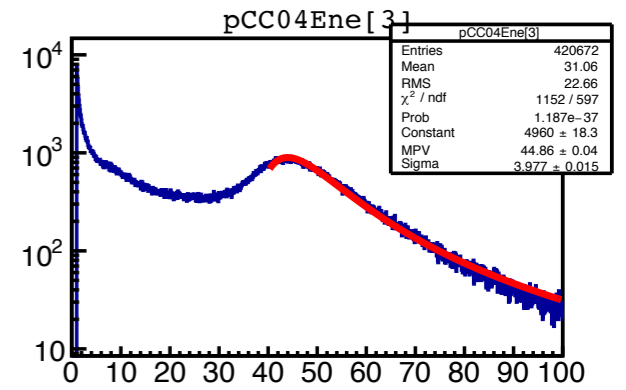
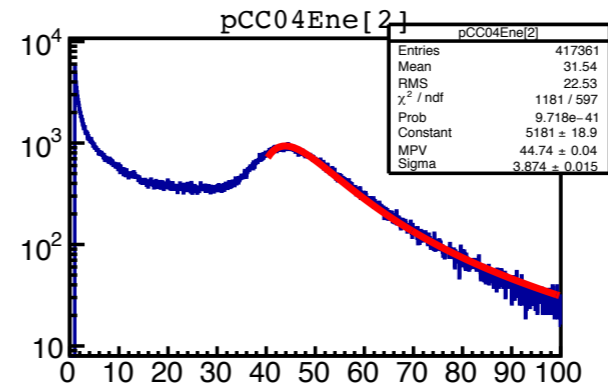
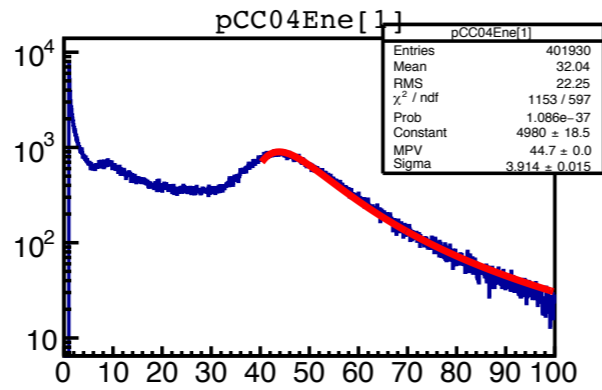
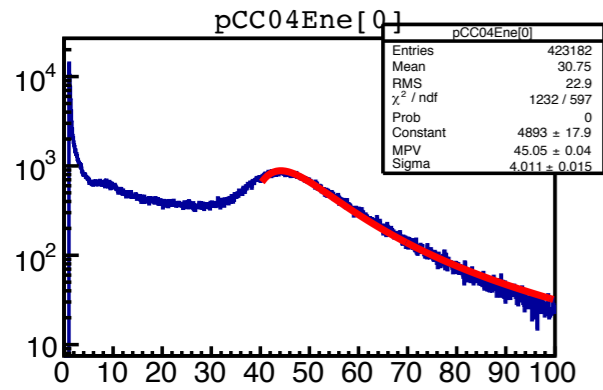
TRIGGERTAGIntegratedADC [j] : CC04Ene [ModID == 13]



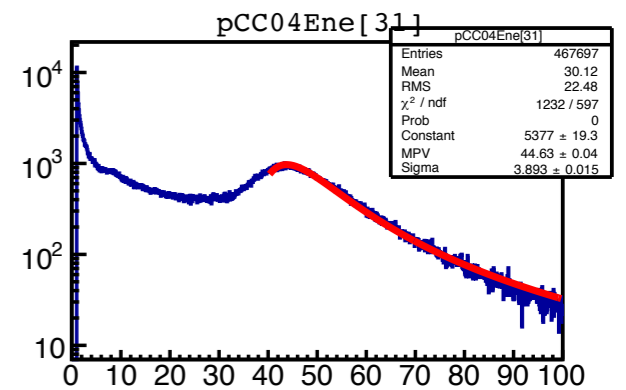
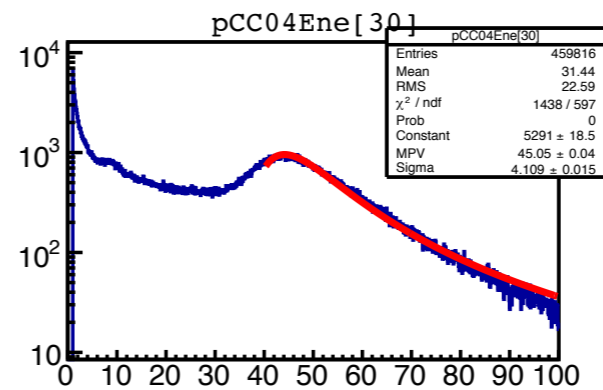
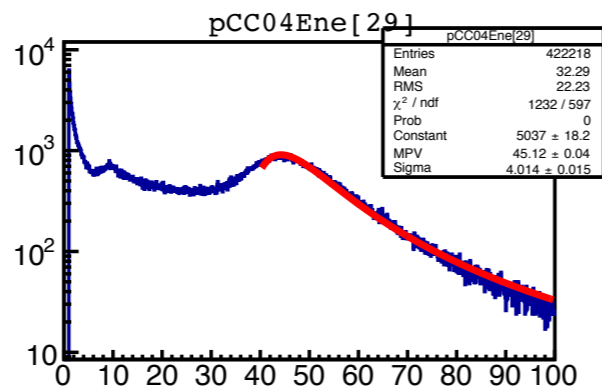
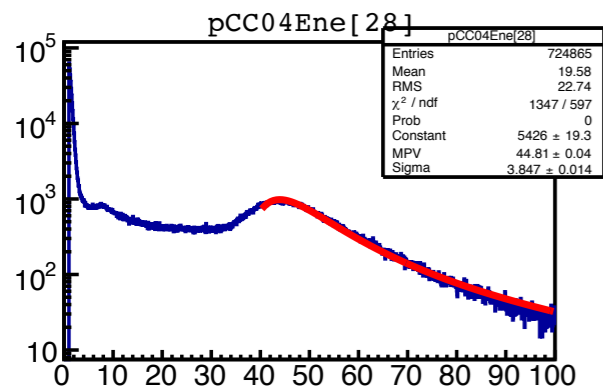
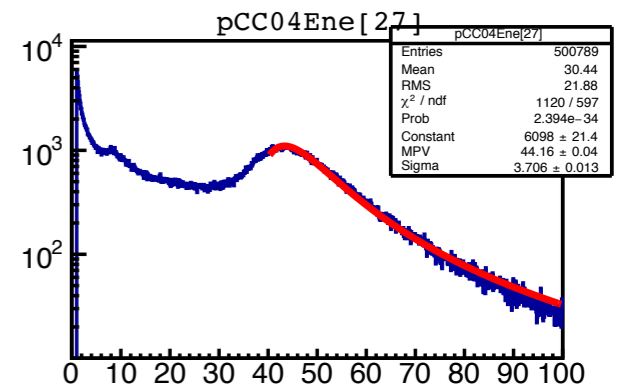
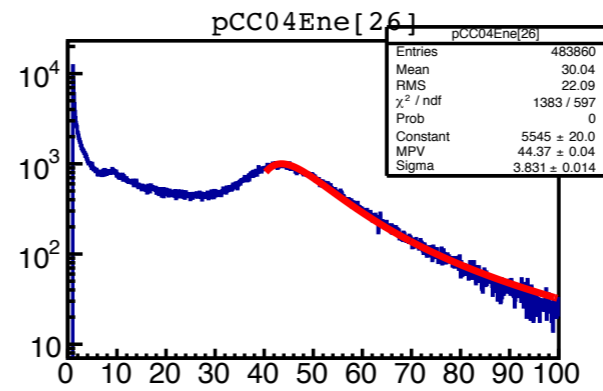
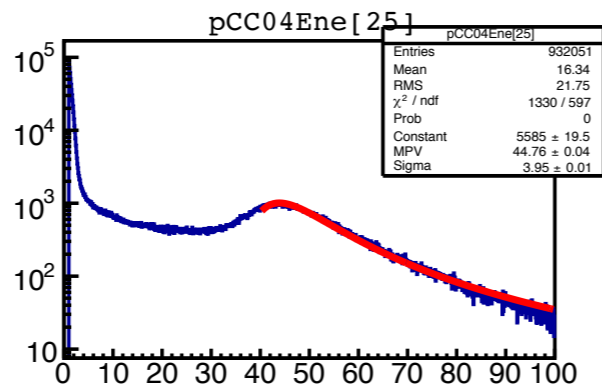
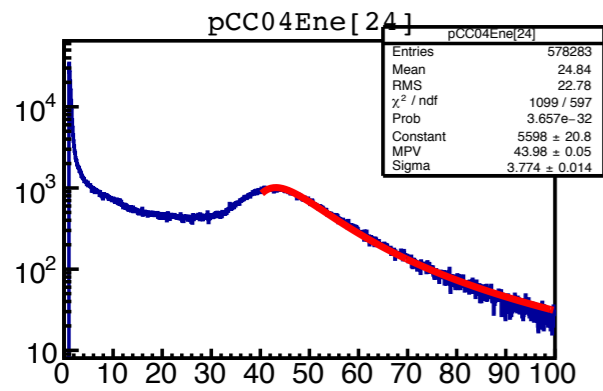
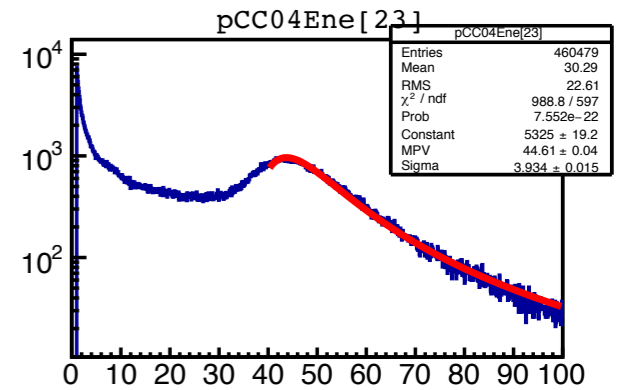
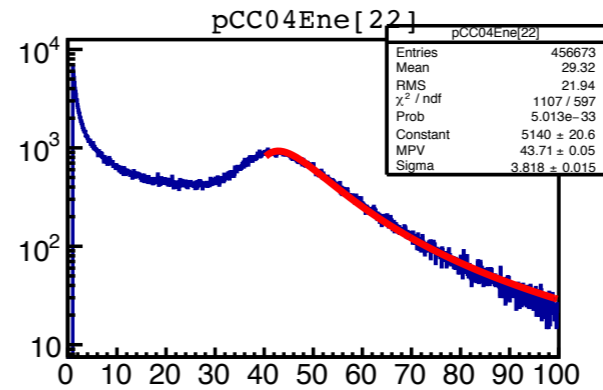
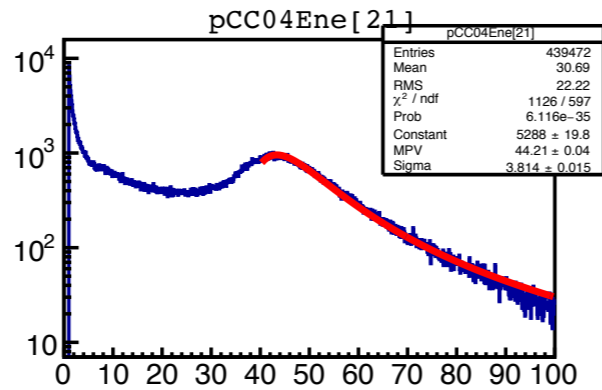
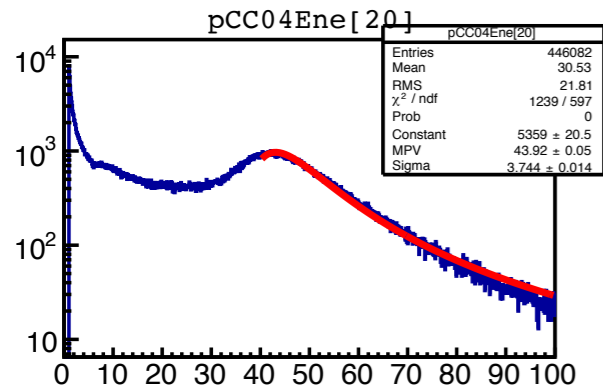
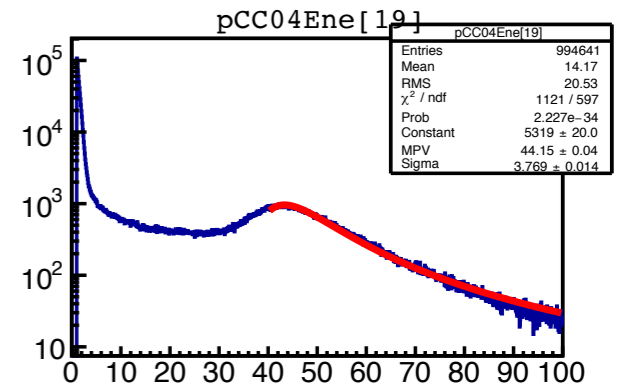
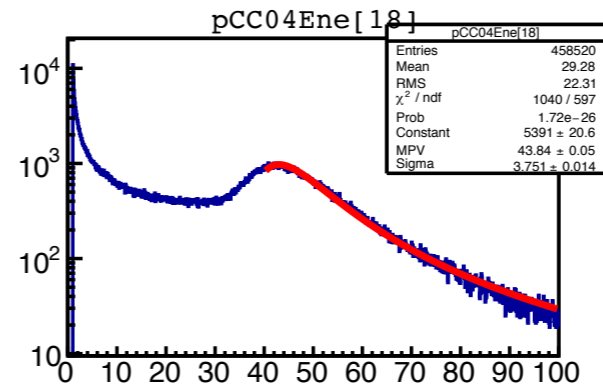
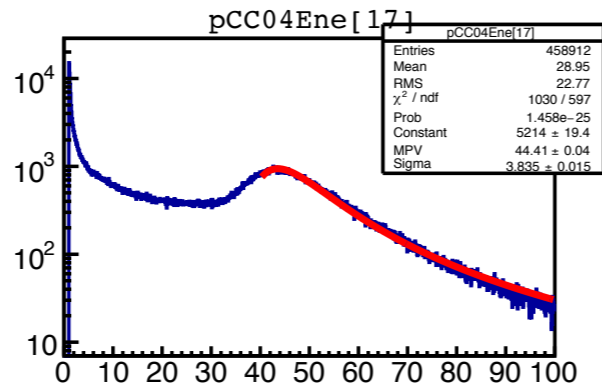
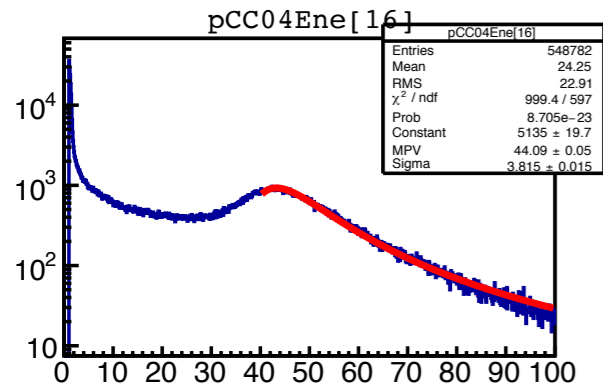
Cut by using the TRIGGERTAGIntegratedADC

```
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if( TRIGGERTAGIntegratedADC[1] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[2] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[3] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[4] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[5] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[6] > 500 ) continue;
```

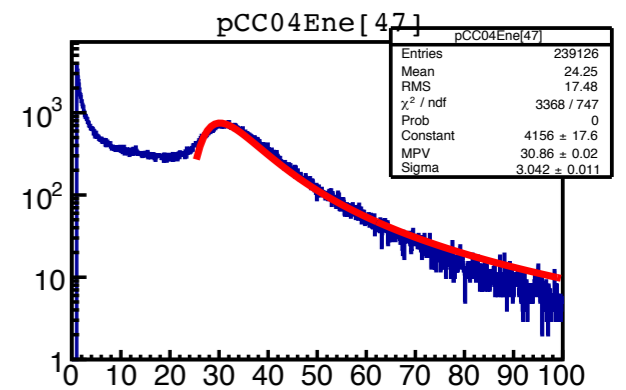
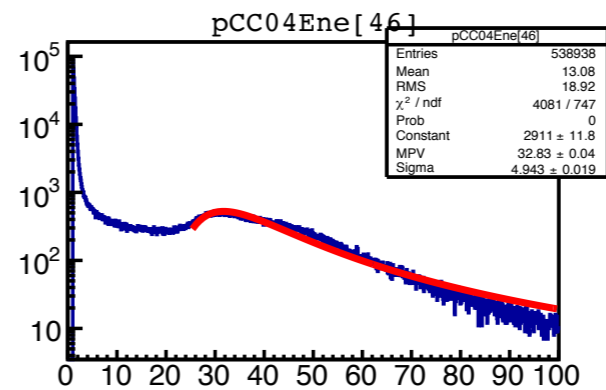
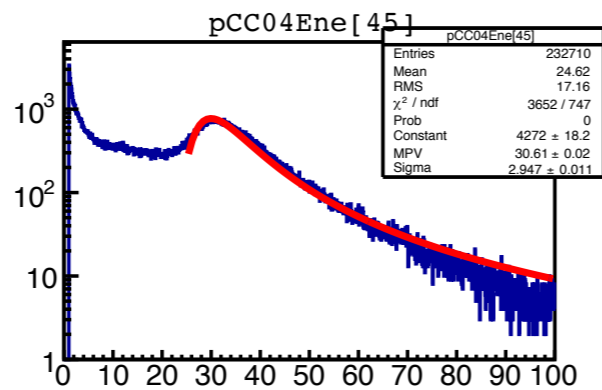
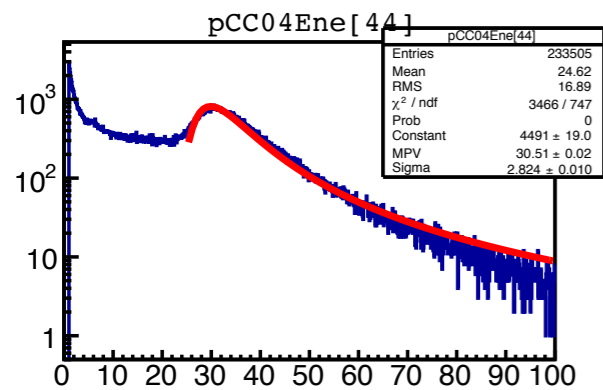
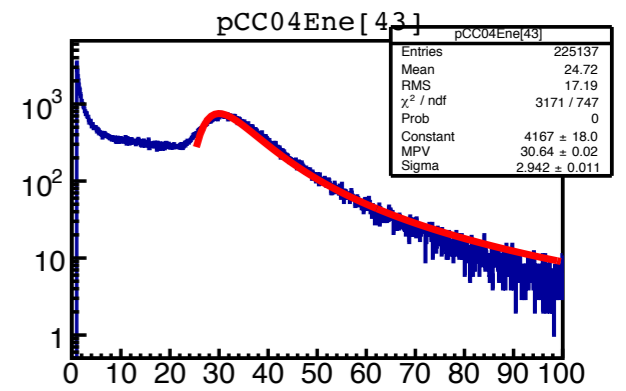
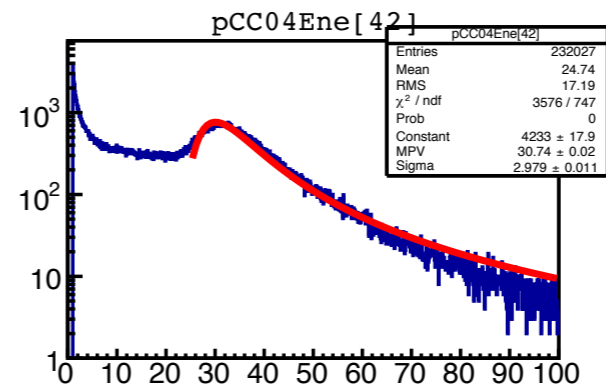
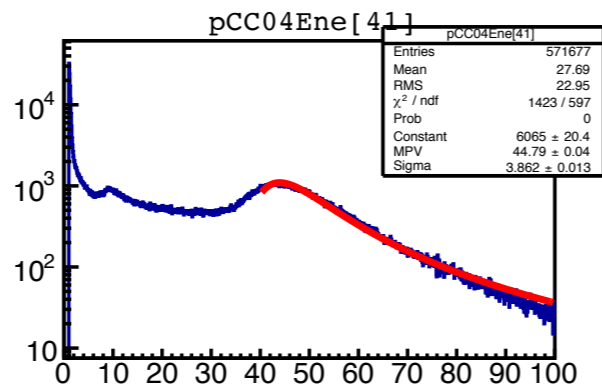
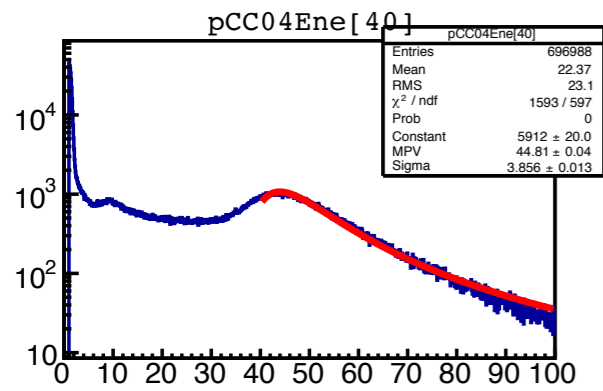
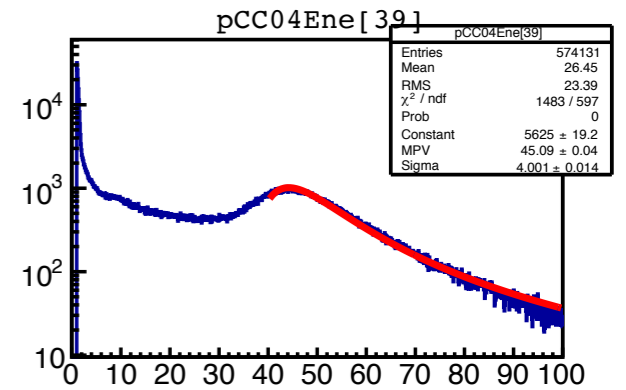
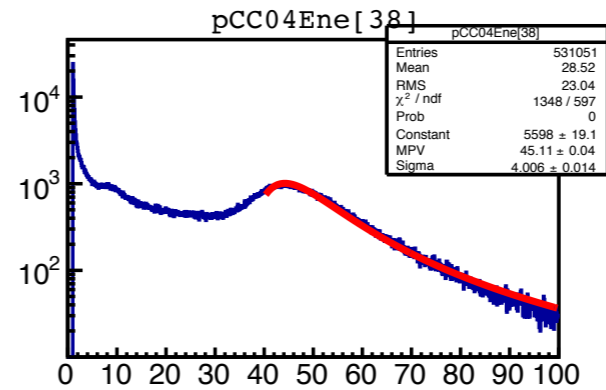
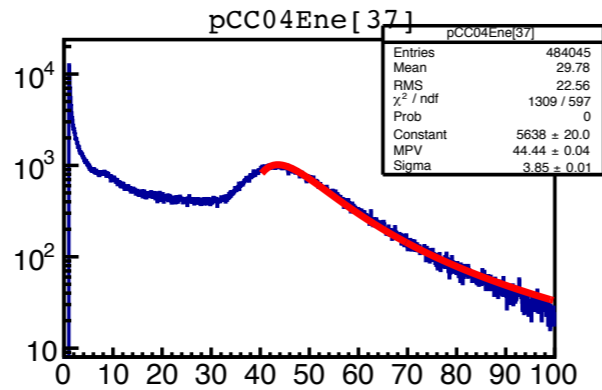
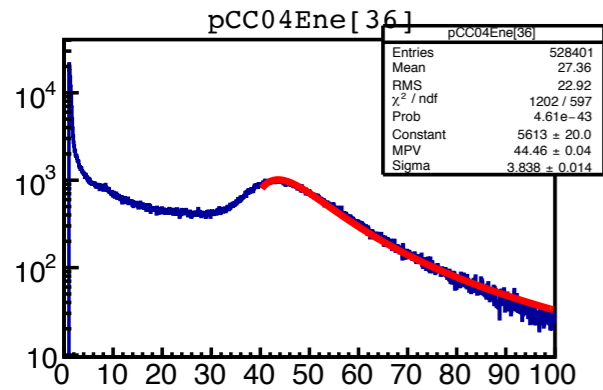
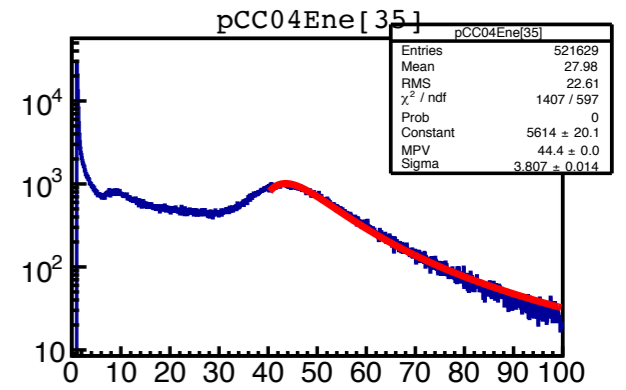
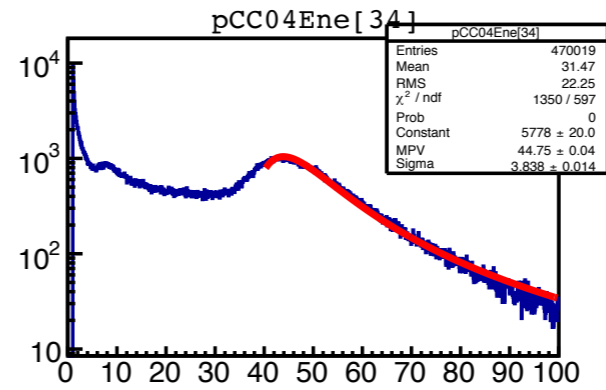
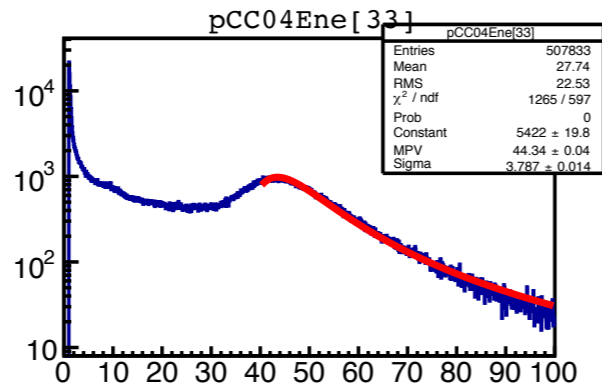
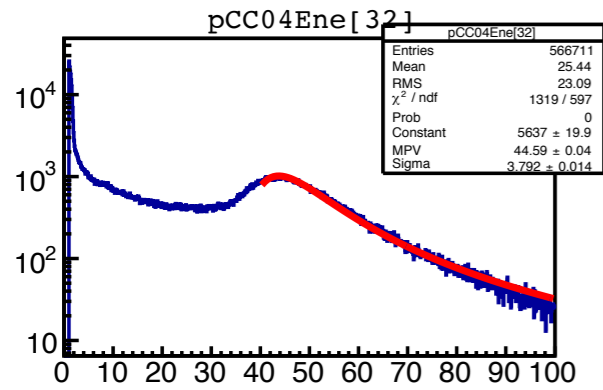
CC04Ene(Cut)



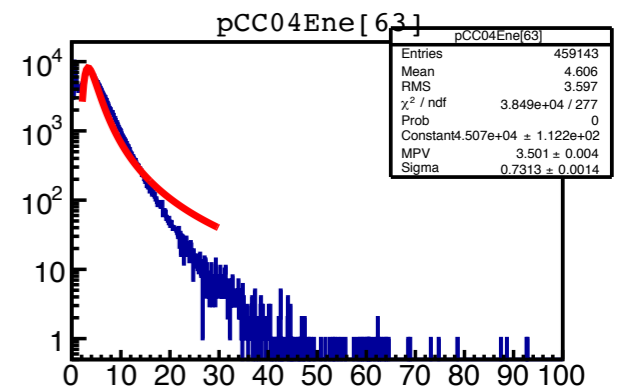
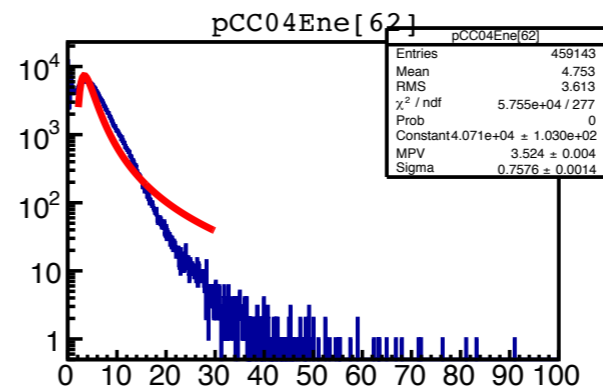
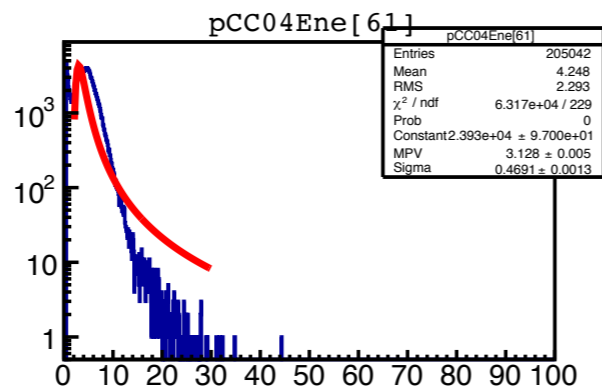
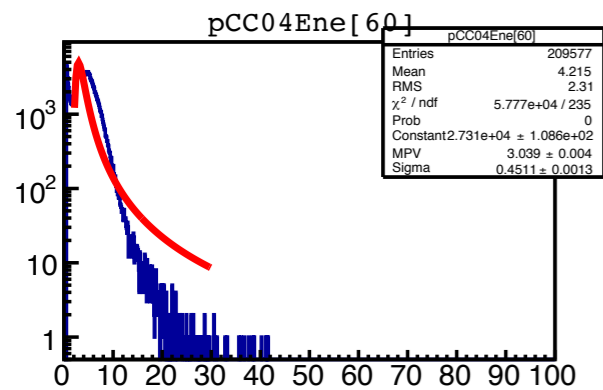
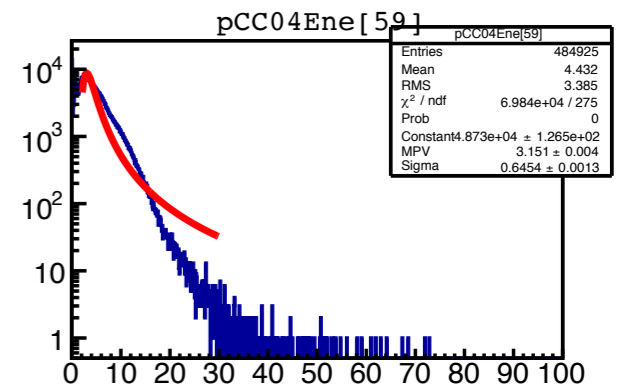
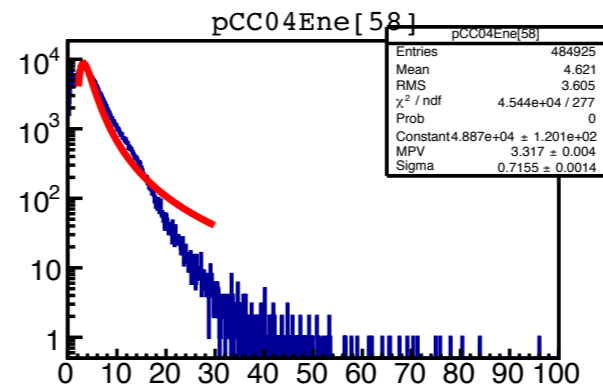
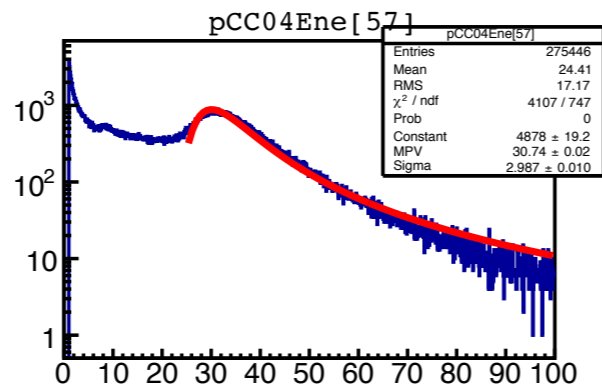
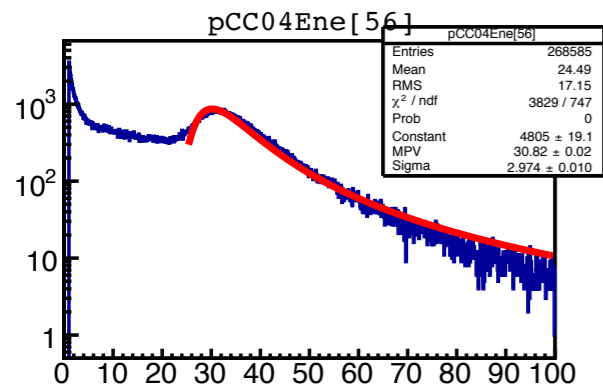
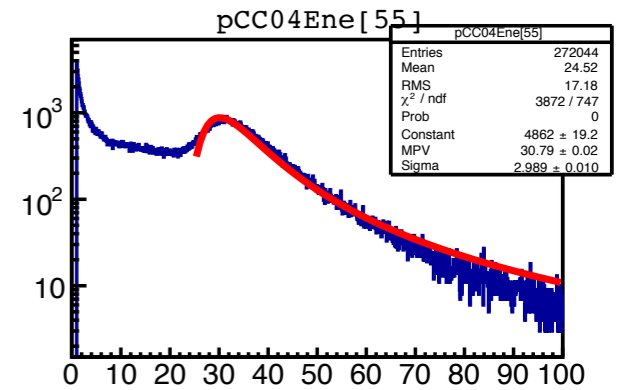
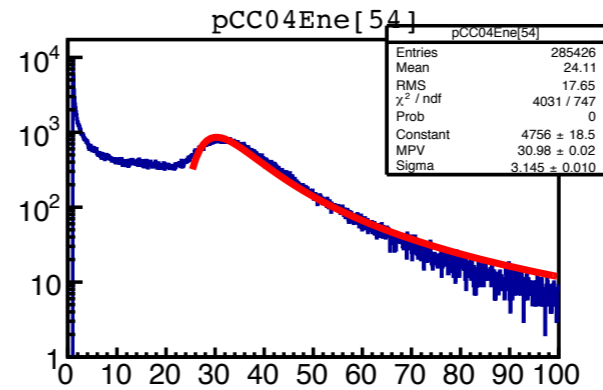
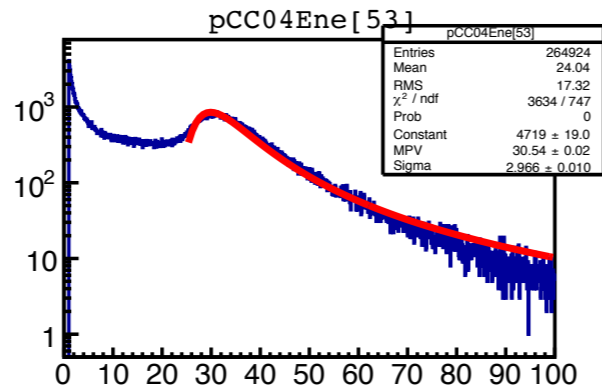
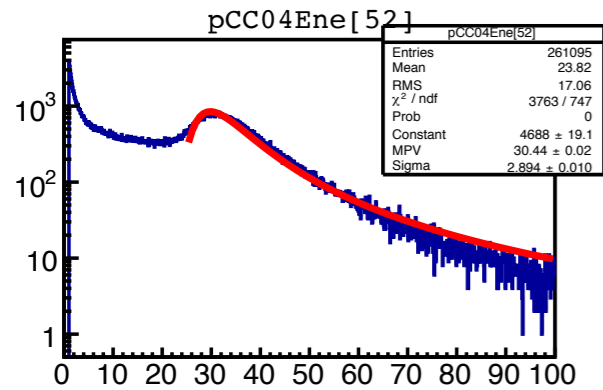
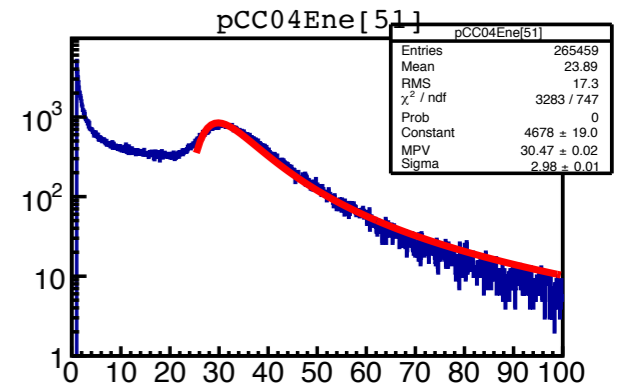
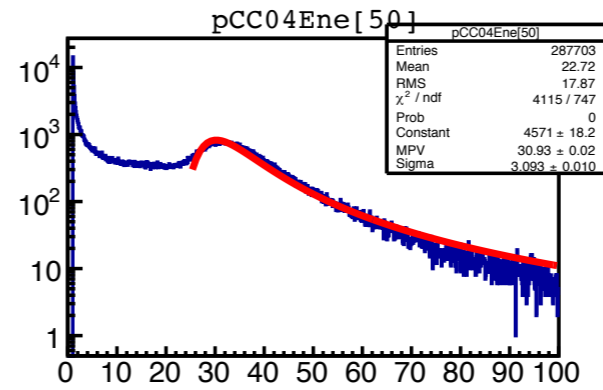
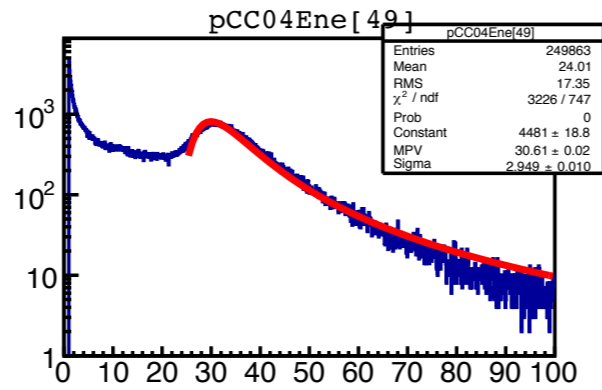
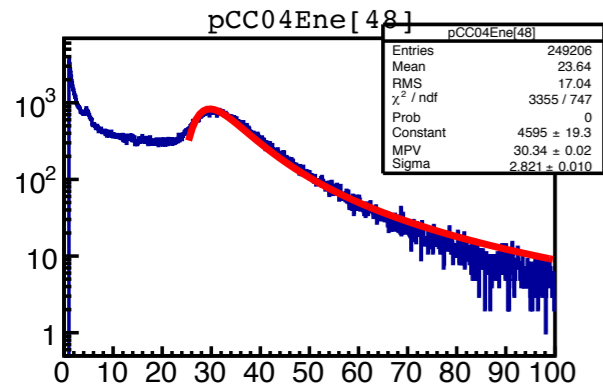
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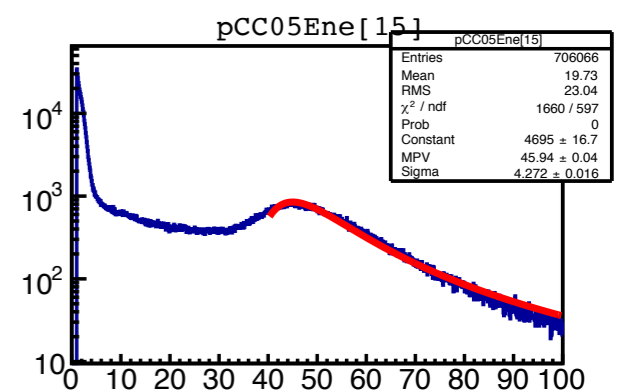
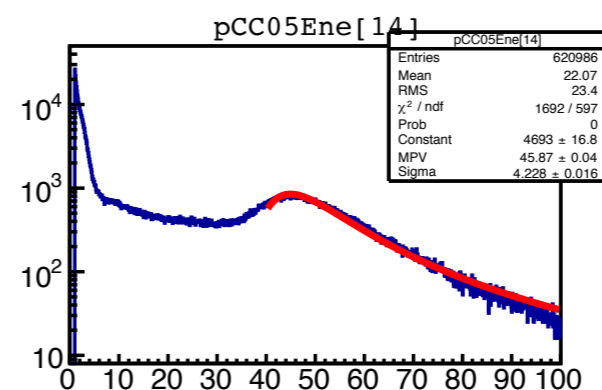
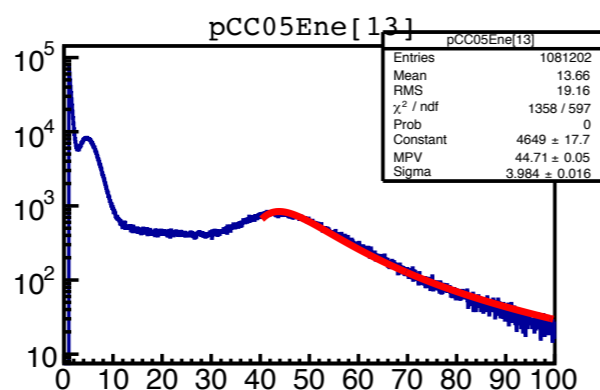
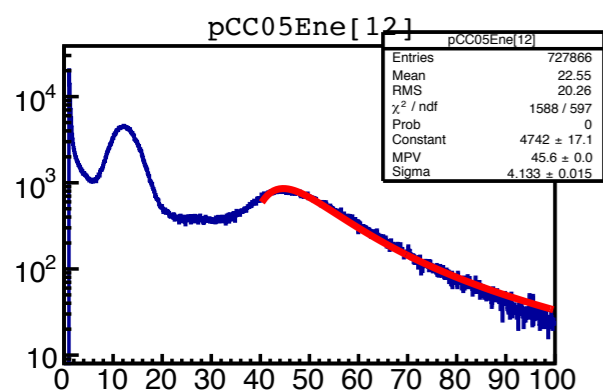
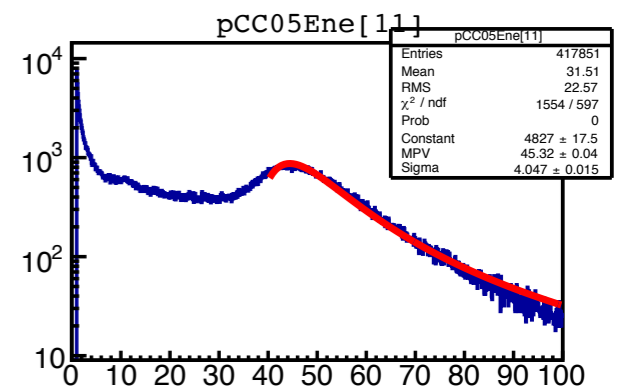
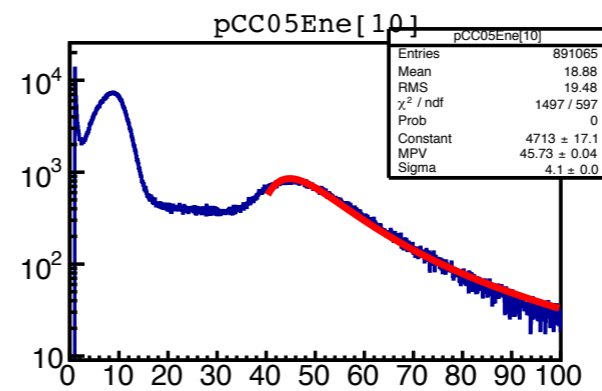
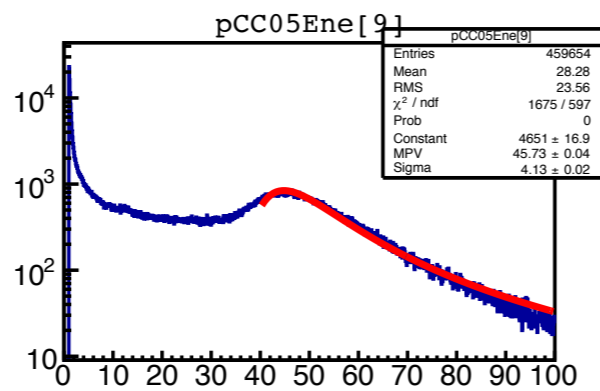
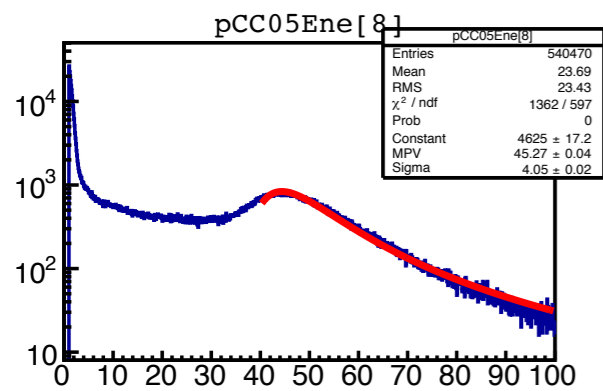
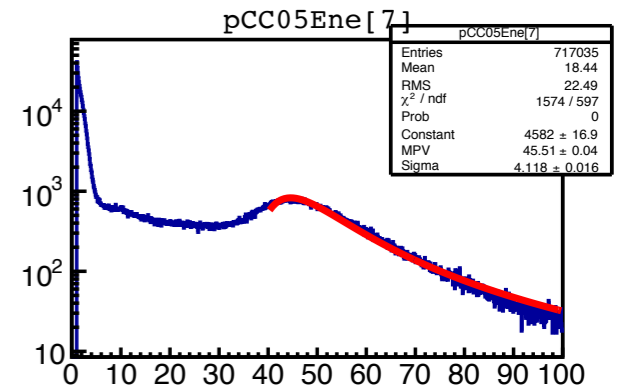
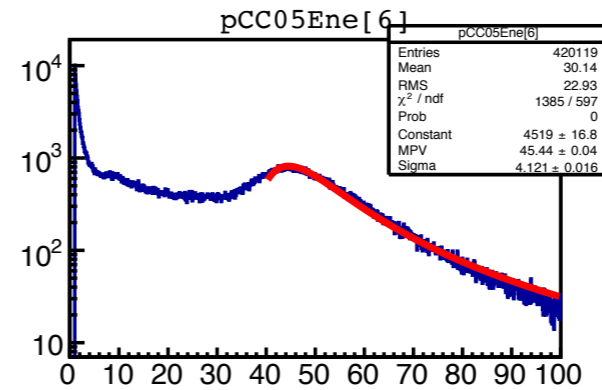
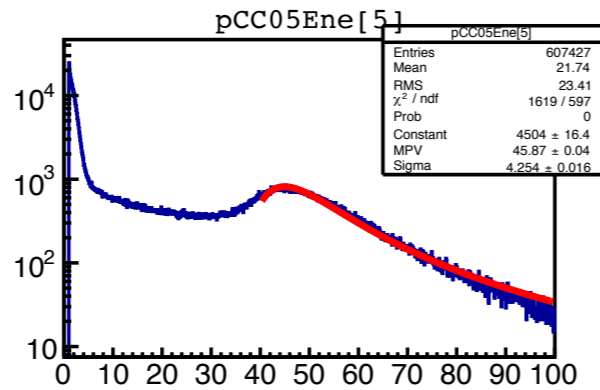
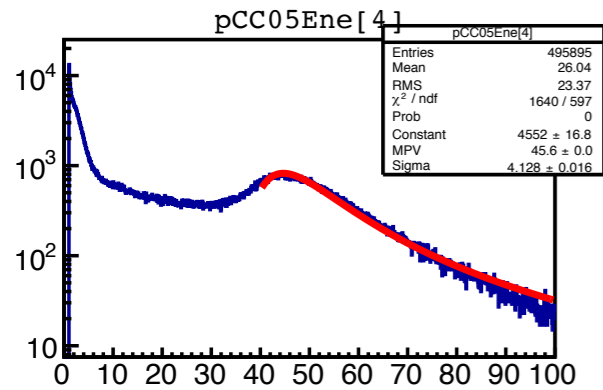
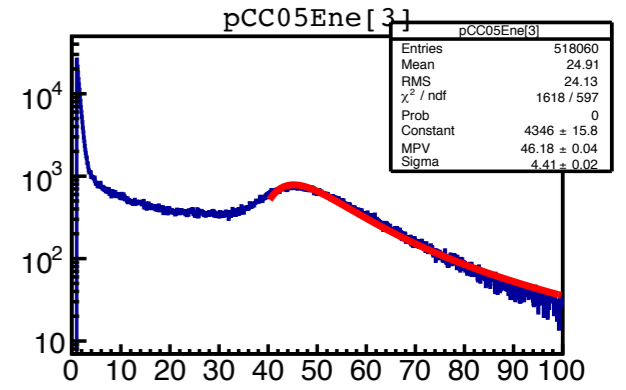
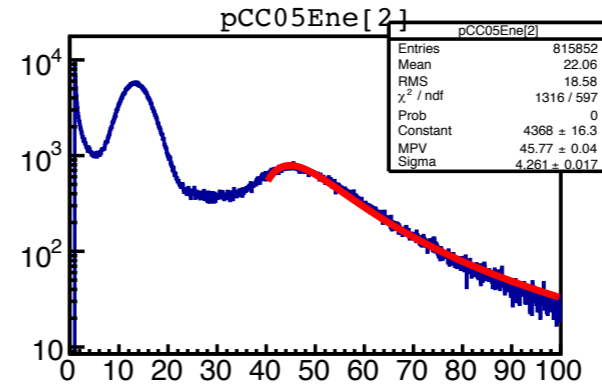
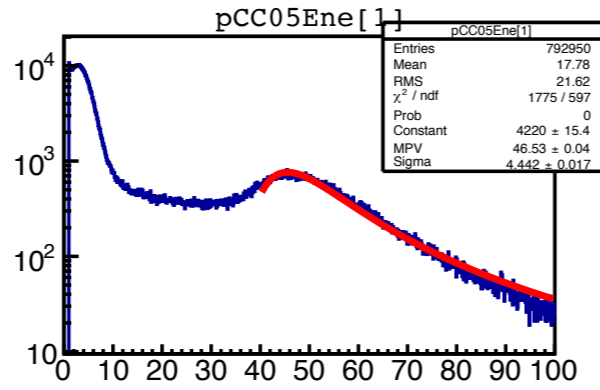
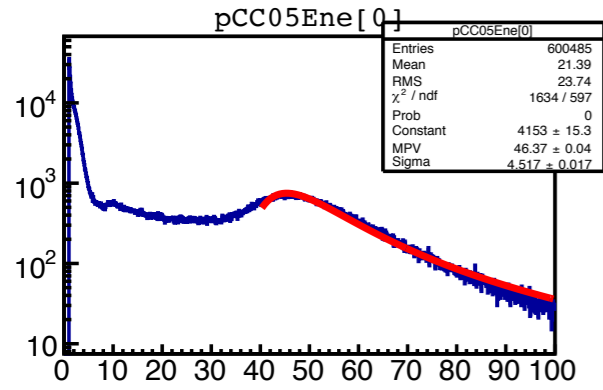
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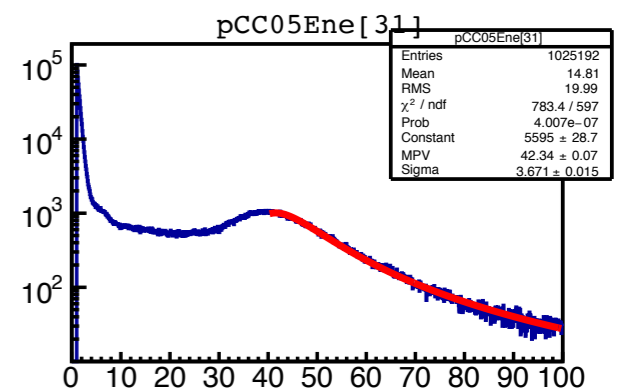
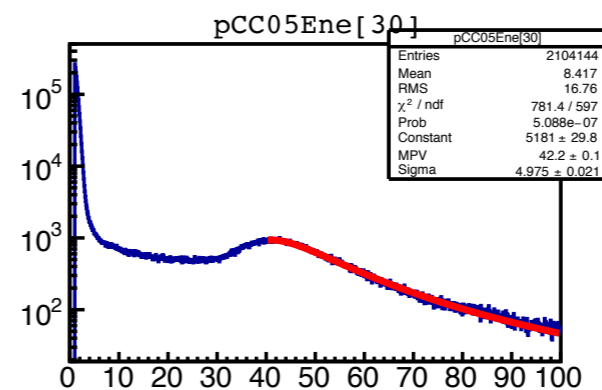
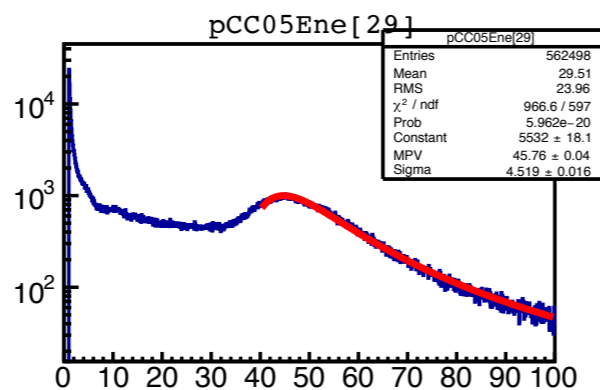
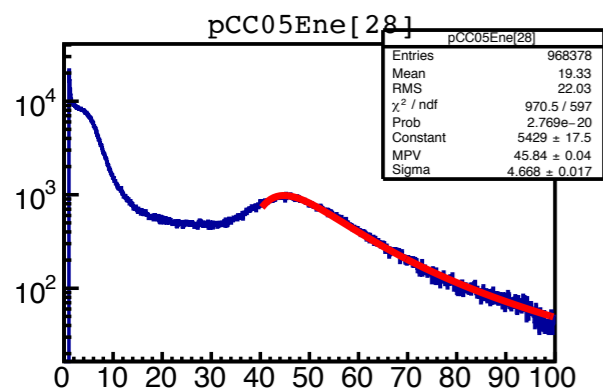
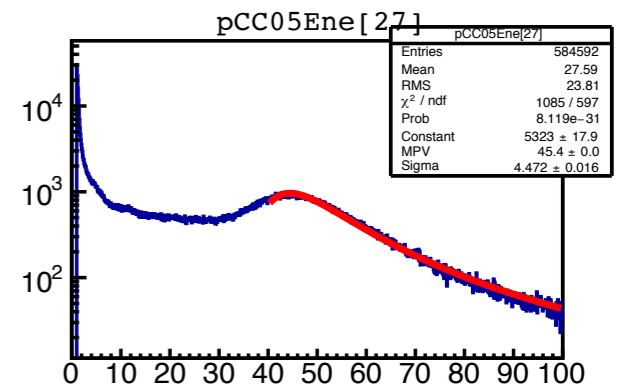
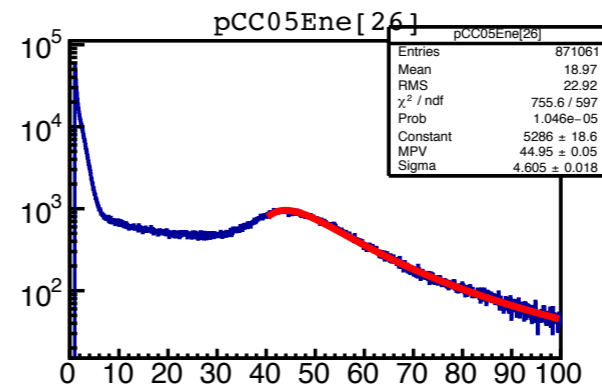
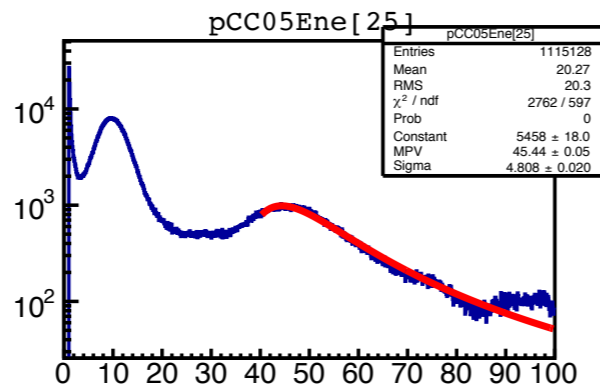
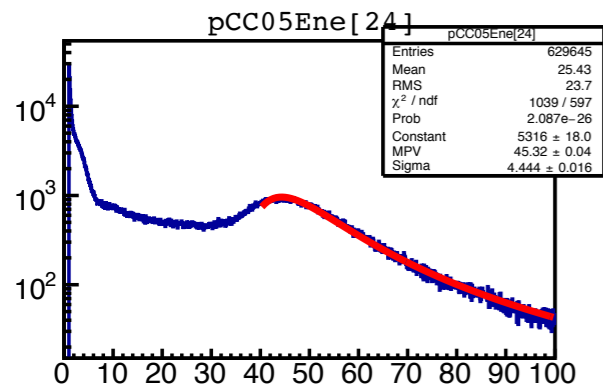
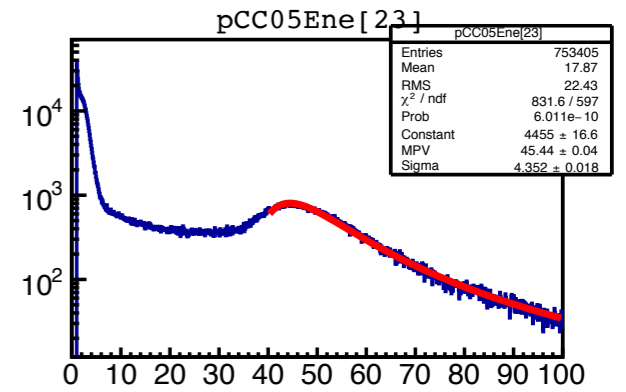
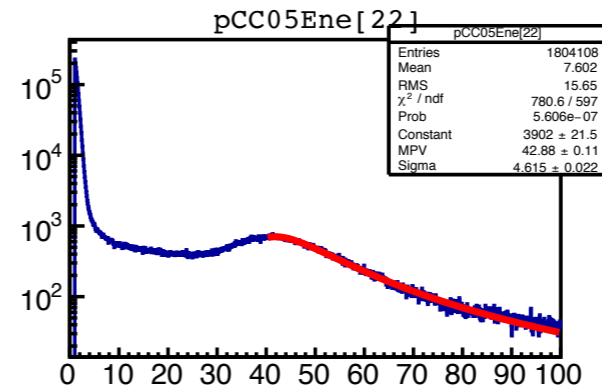
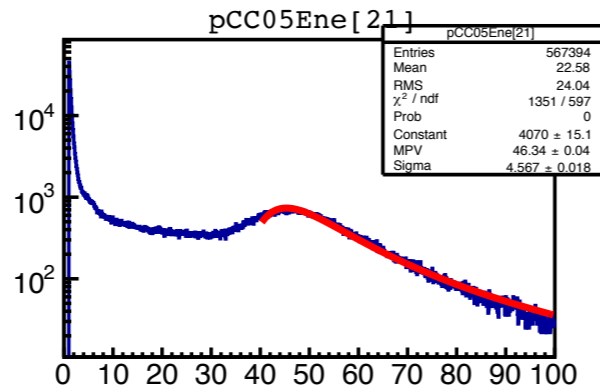
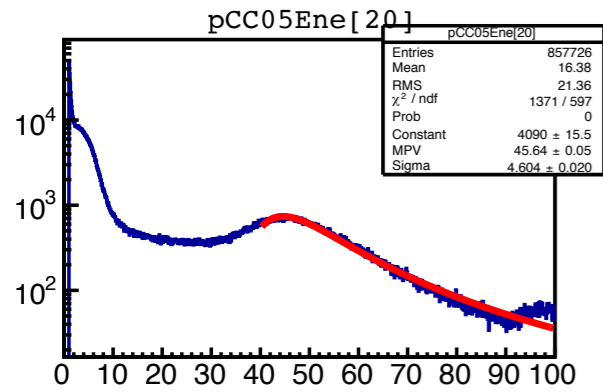
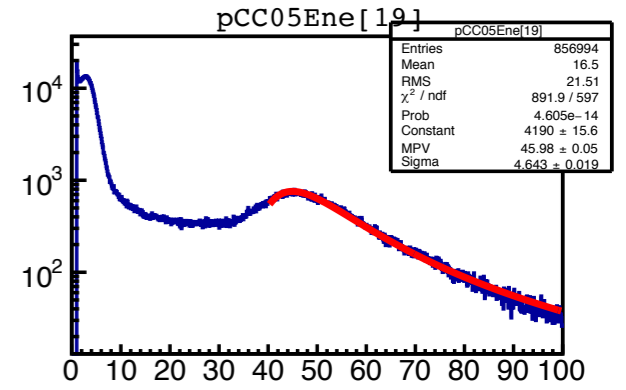
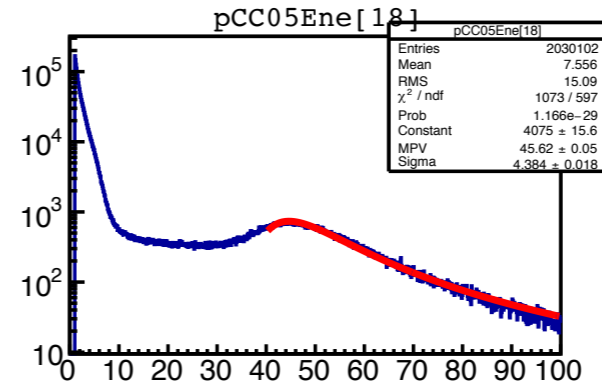
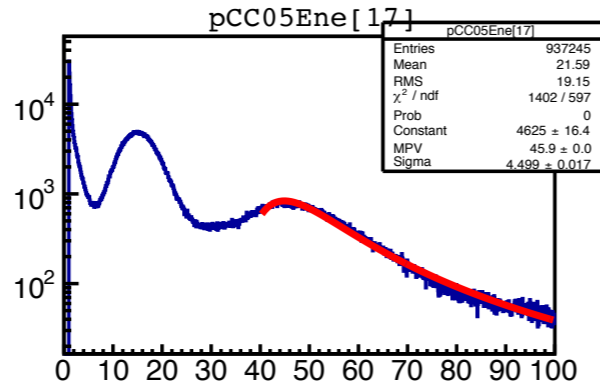
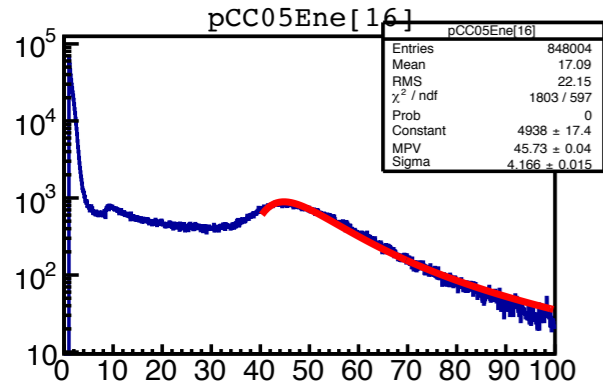
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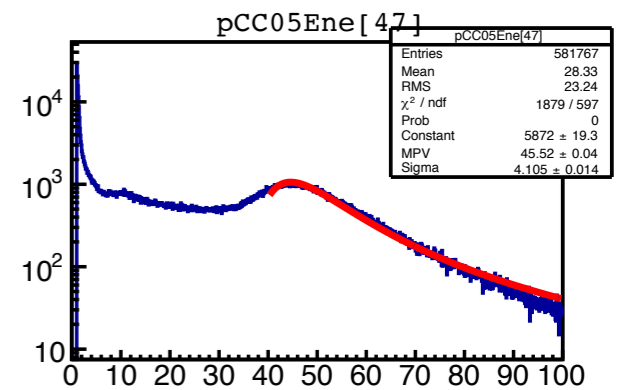
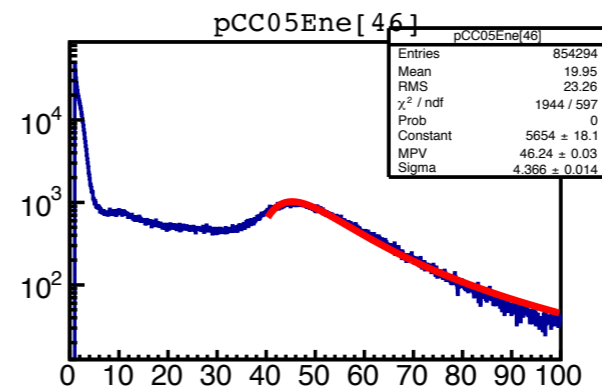
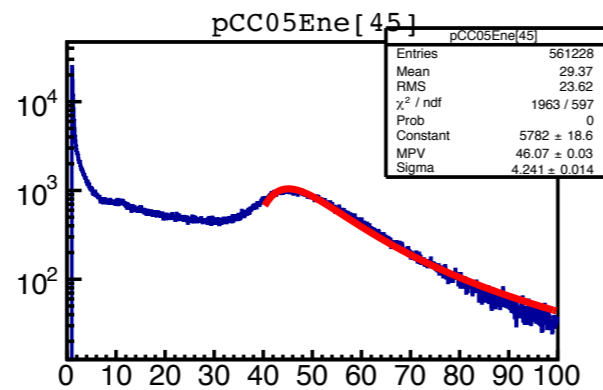
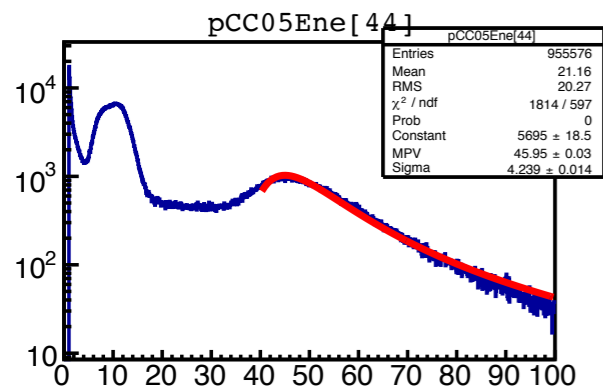
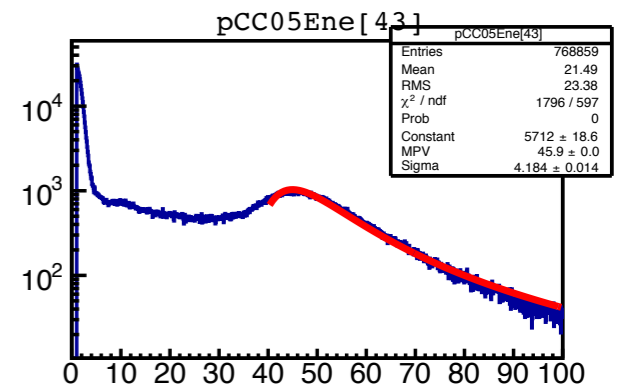
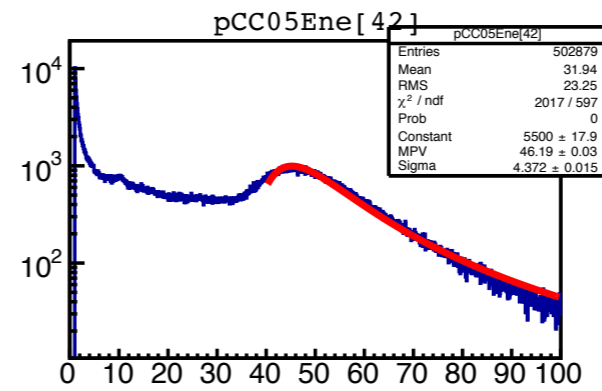
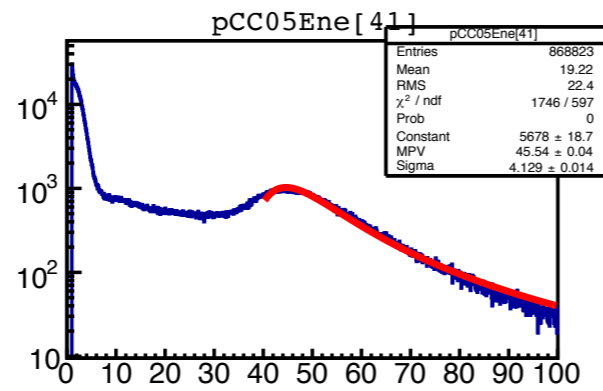
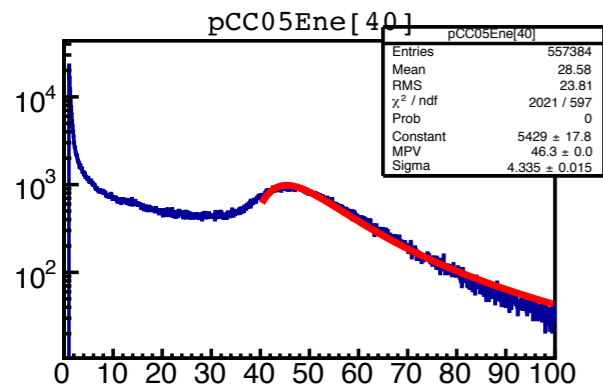
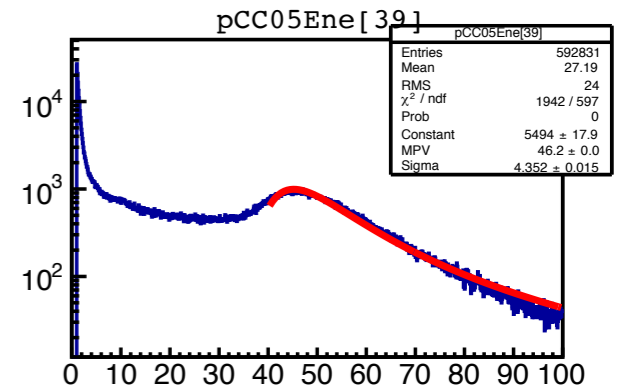
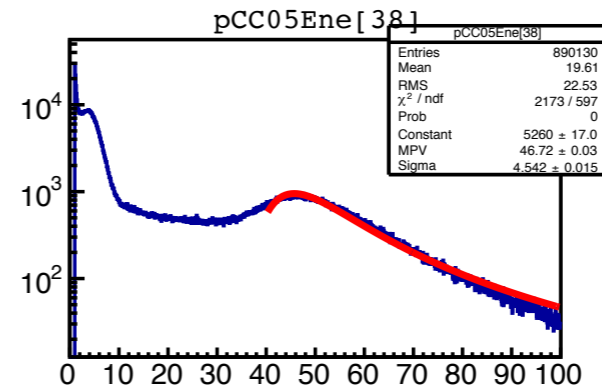
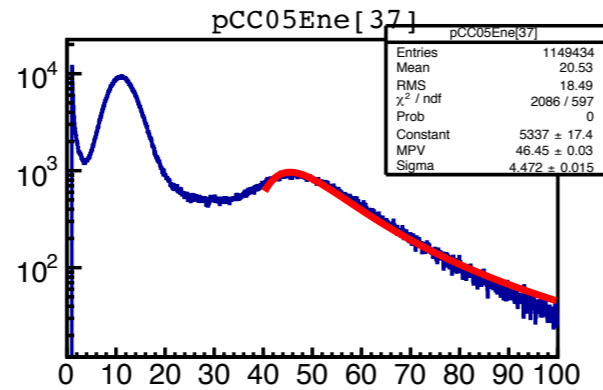
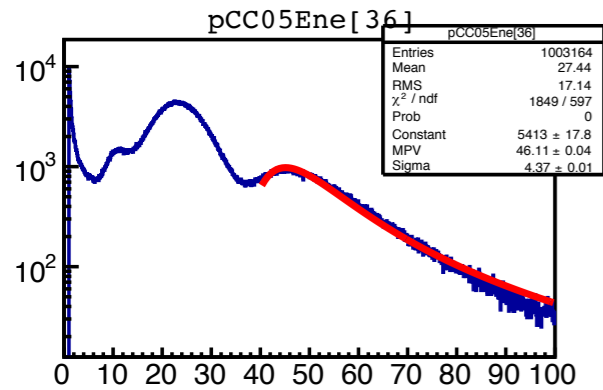
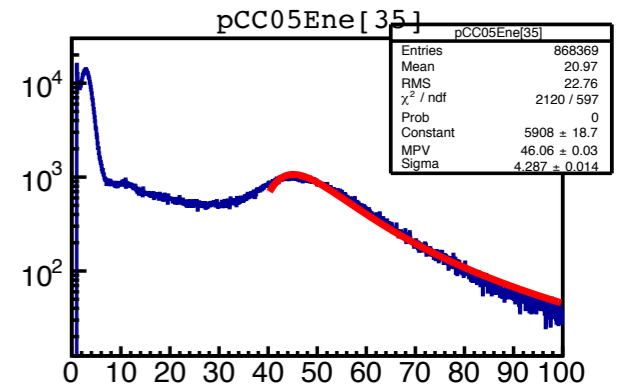
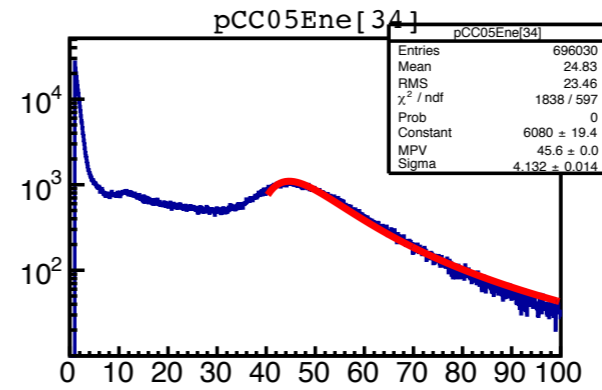
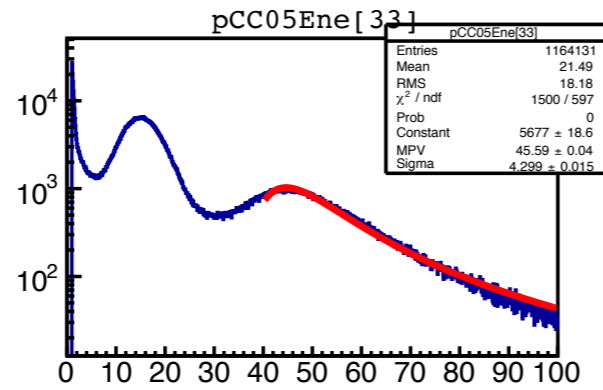
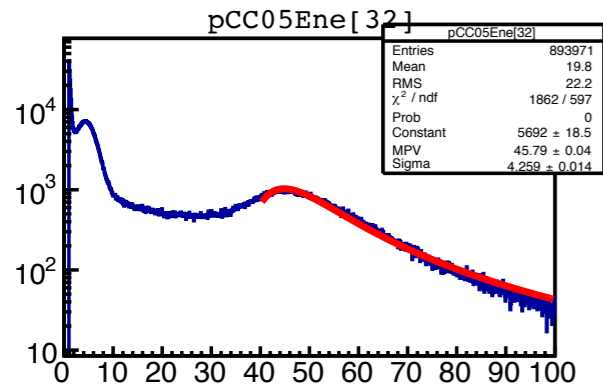
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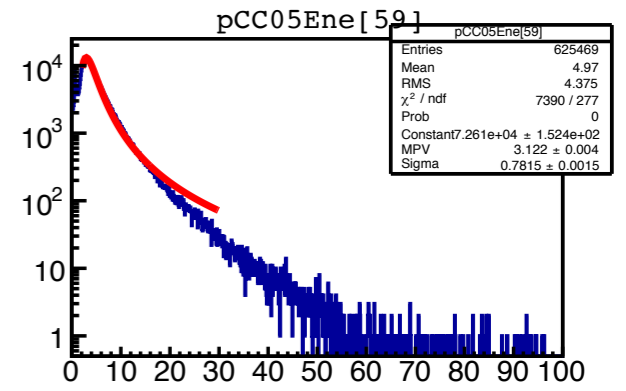
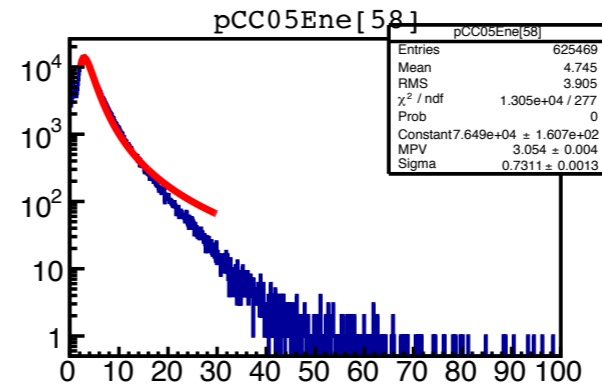
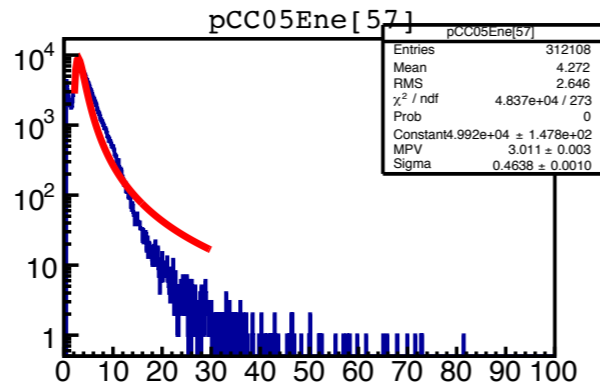
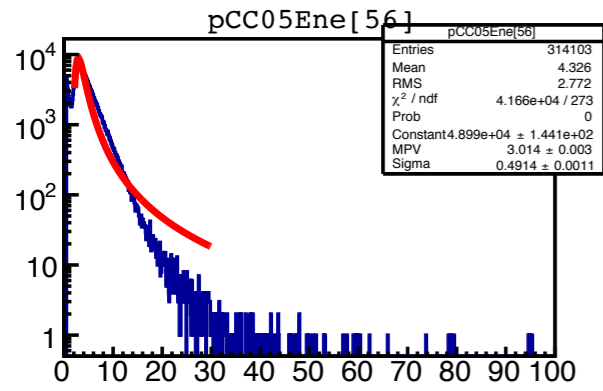
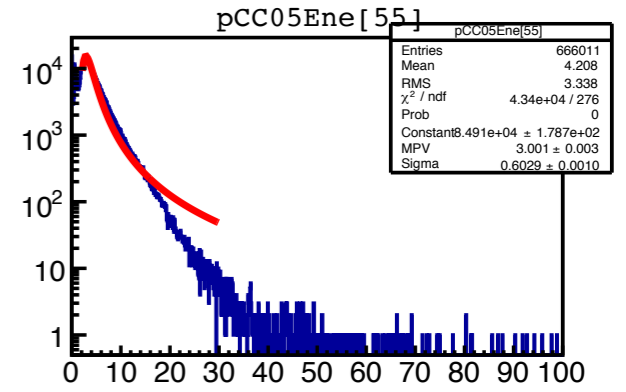
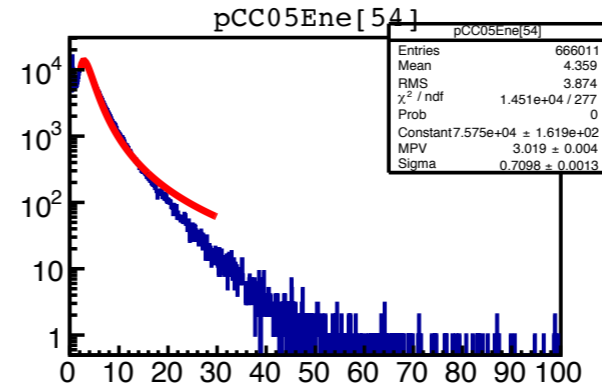
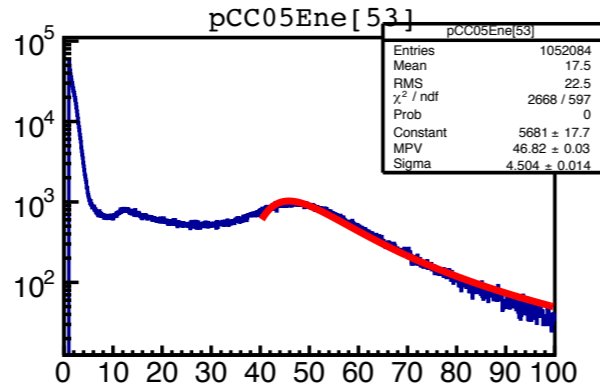
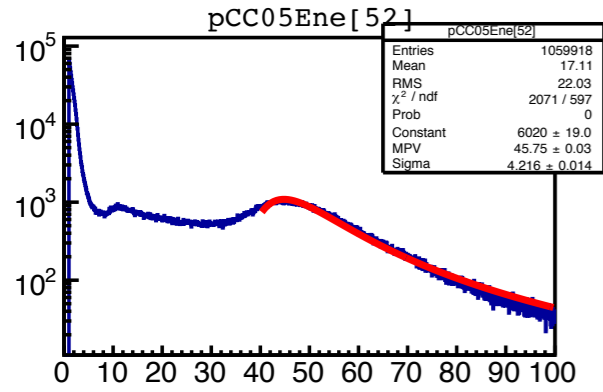
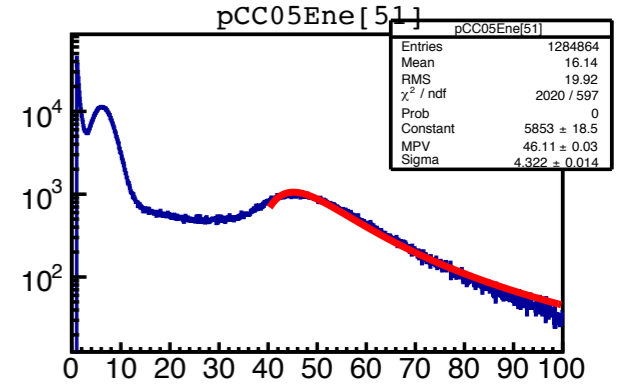
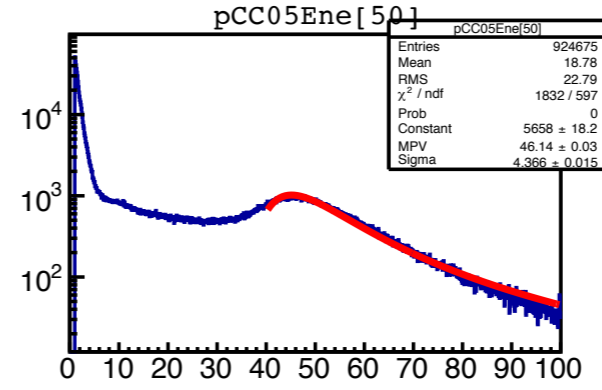
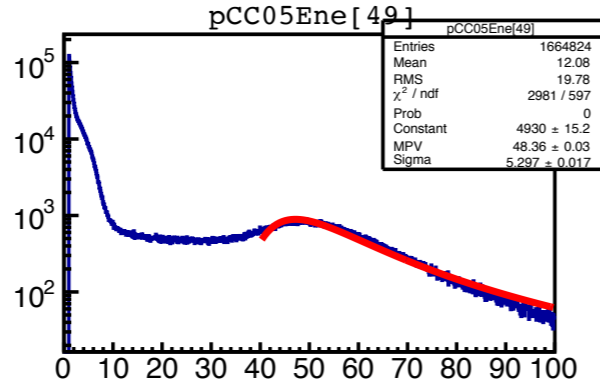
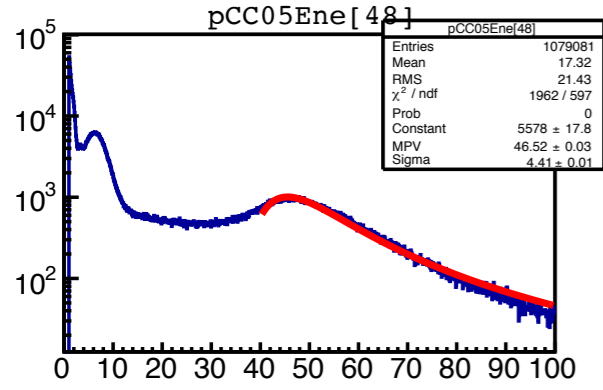
CC05Ene(No Cut)



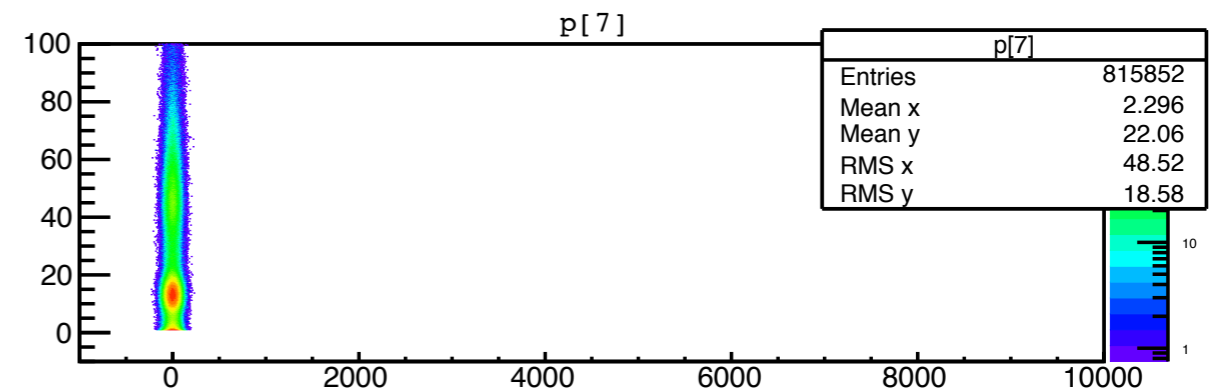
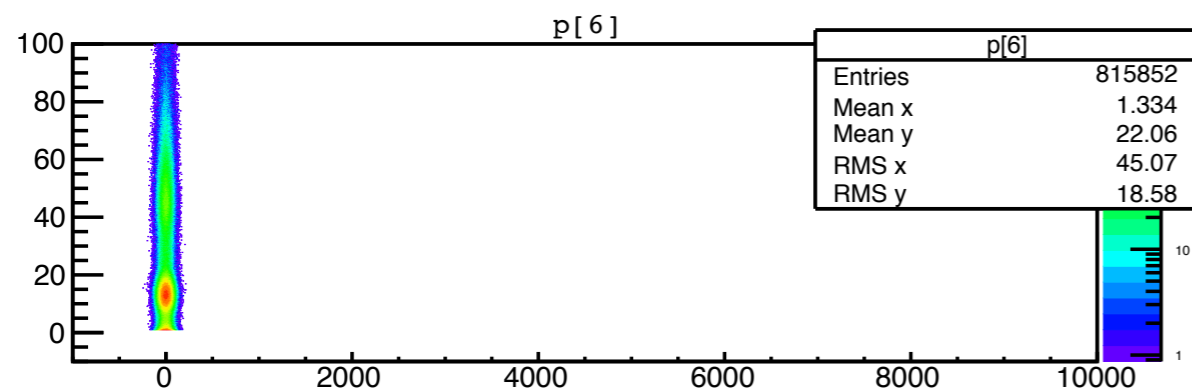
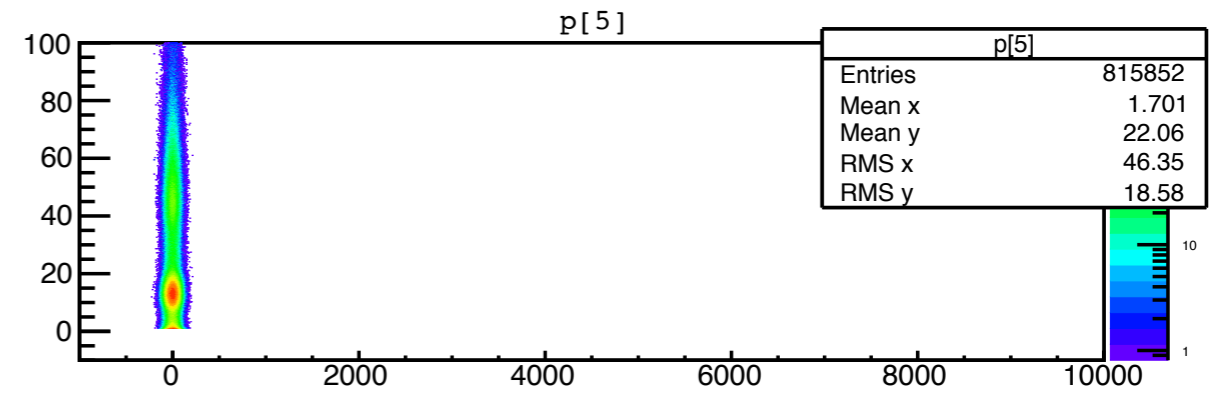
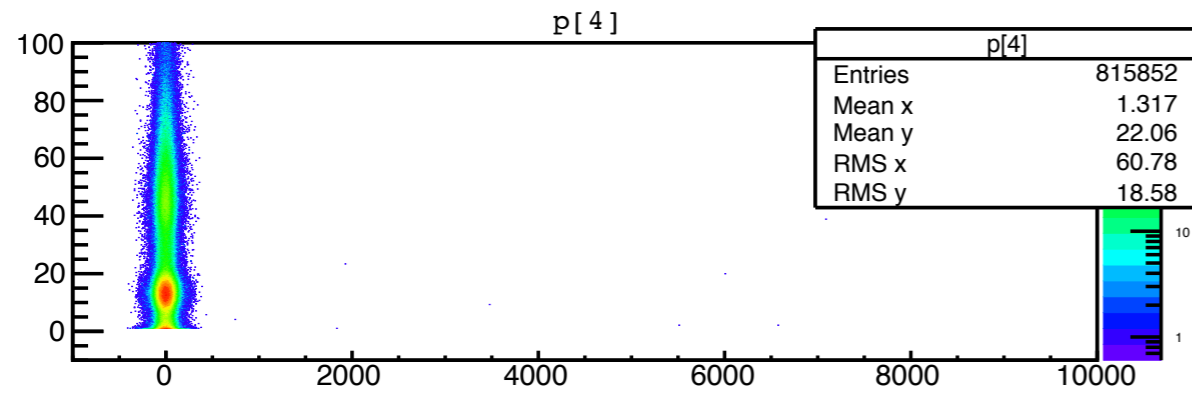
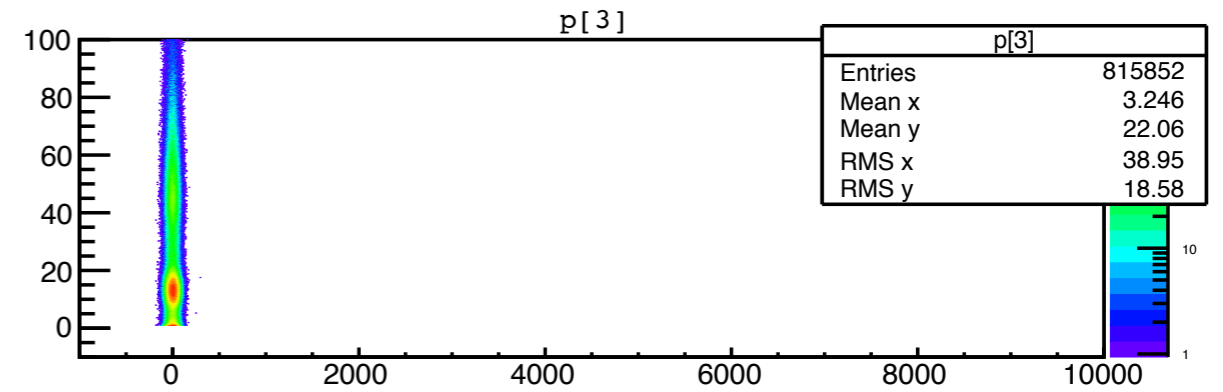
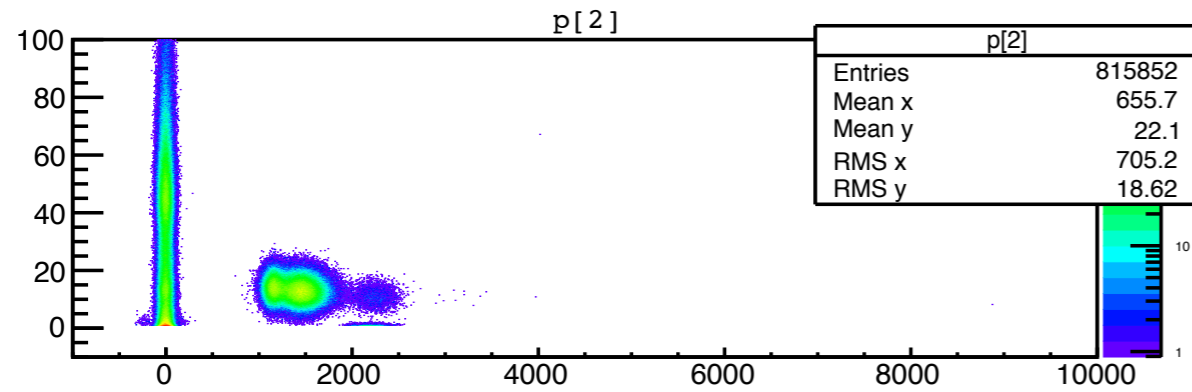
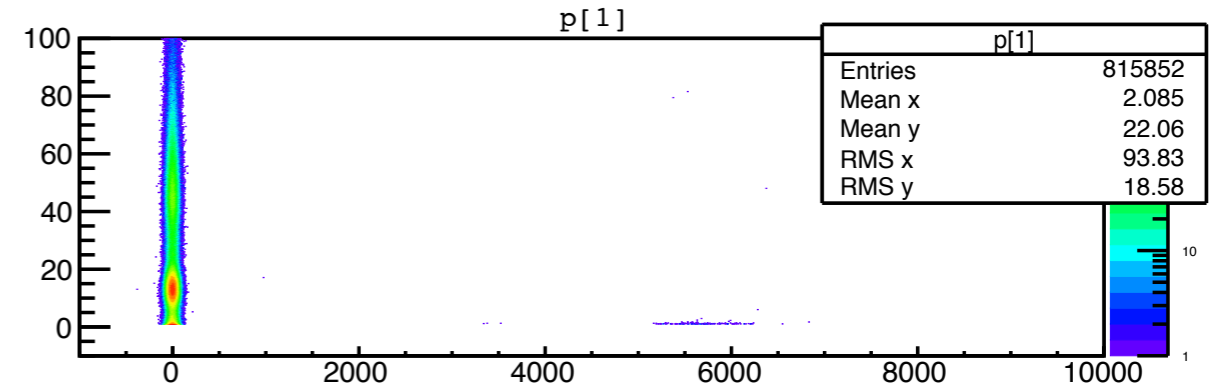
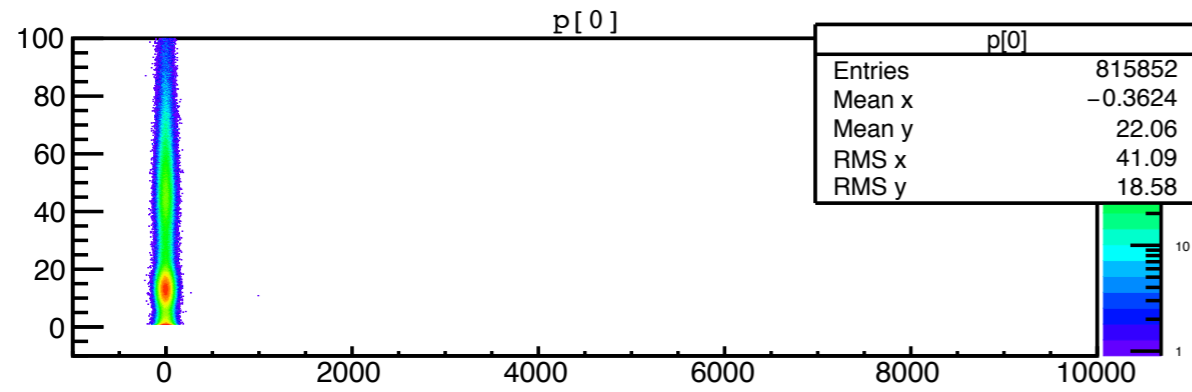
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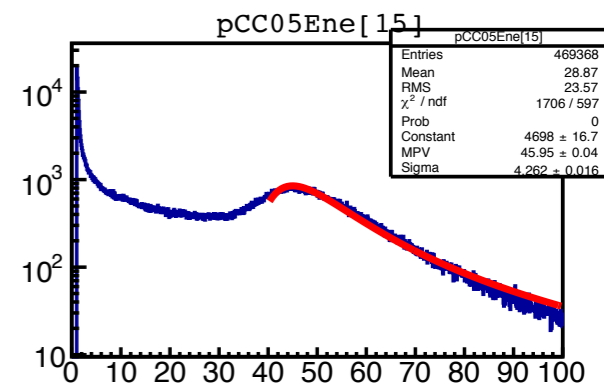
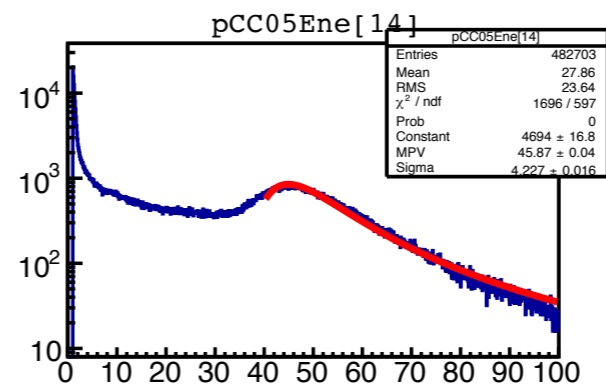
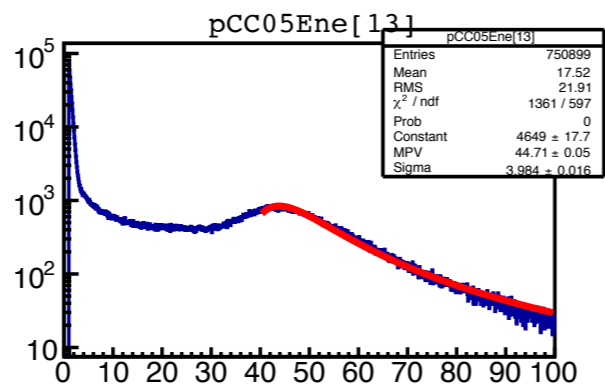
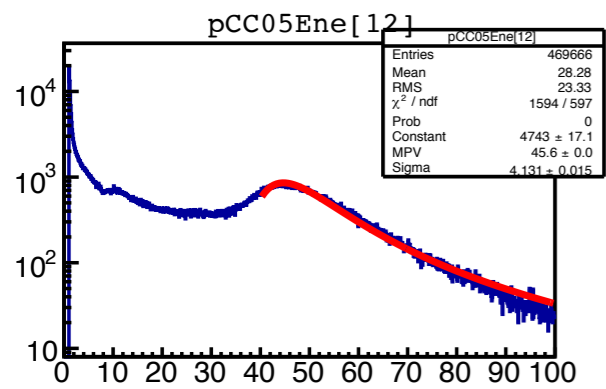
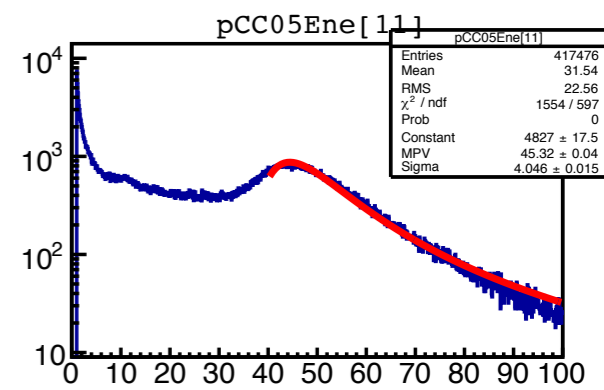
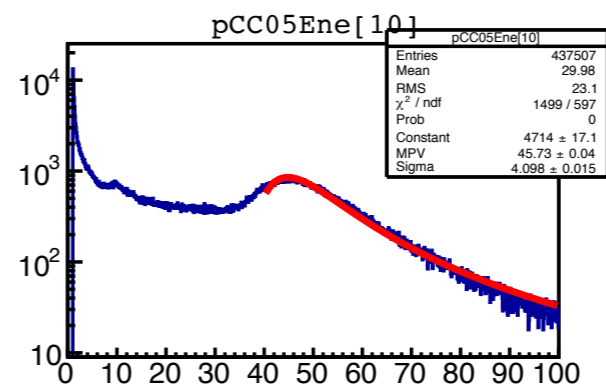
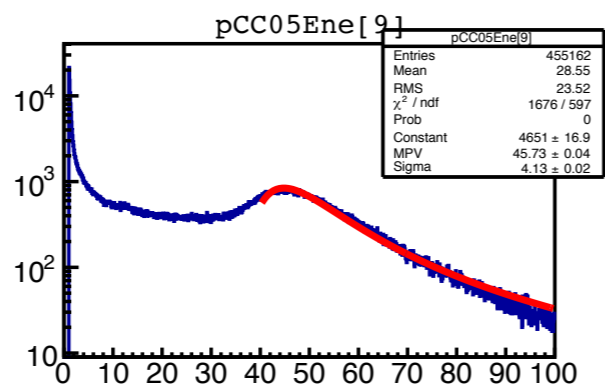
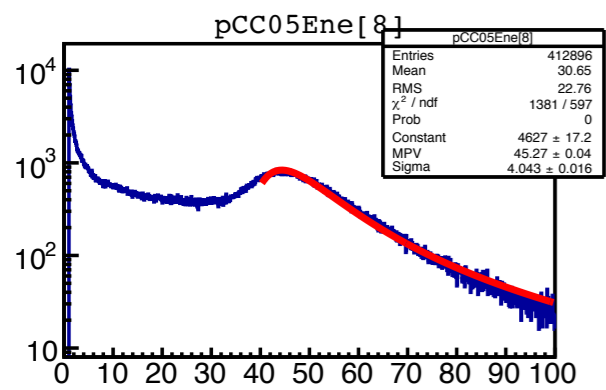
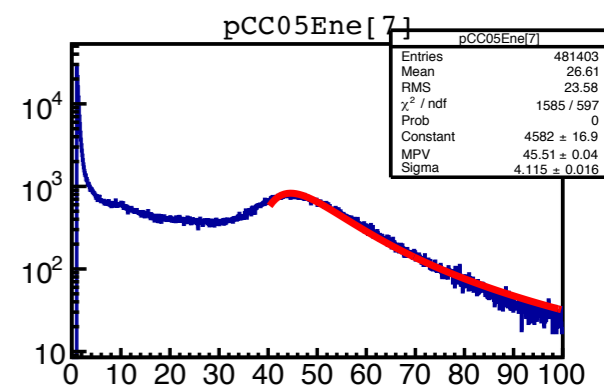
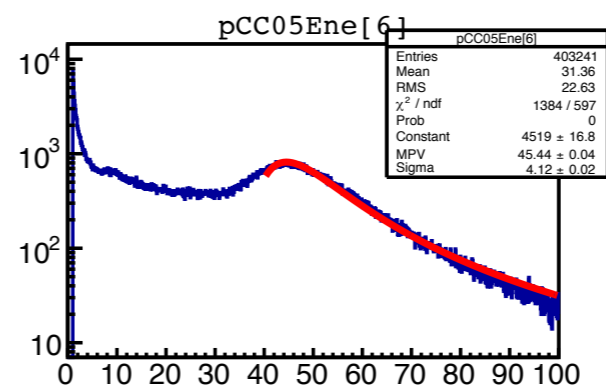
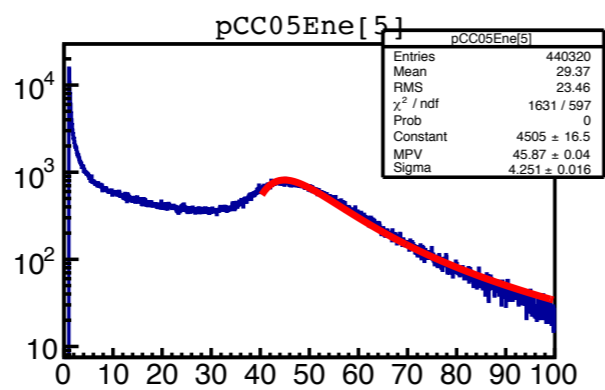
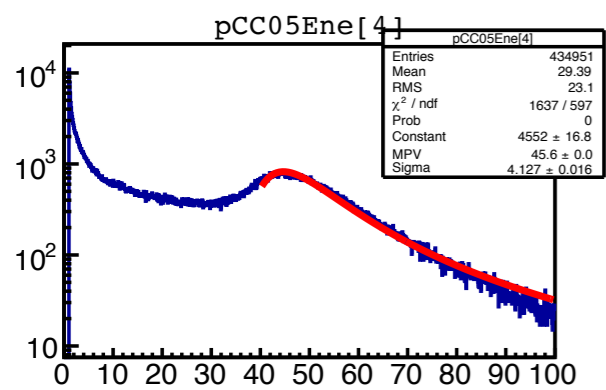
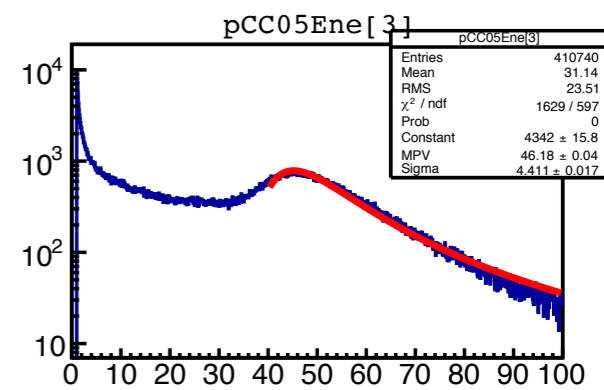
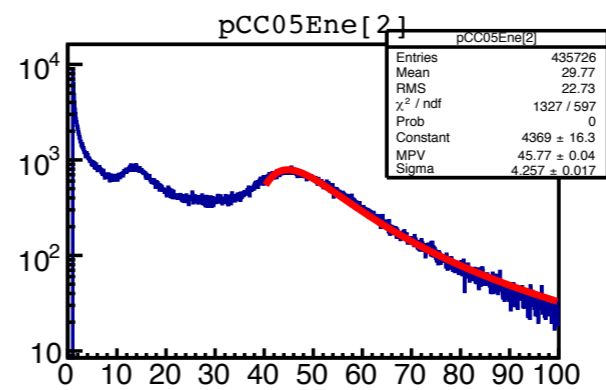
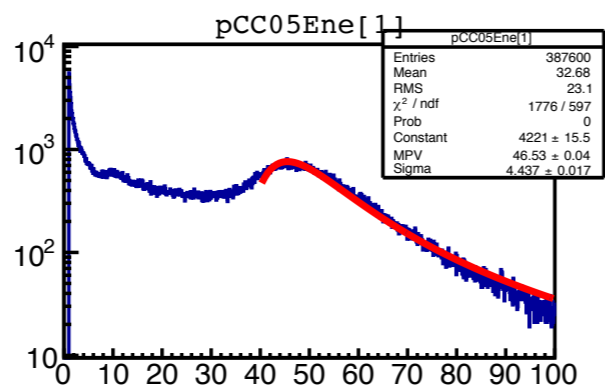
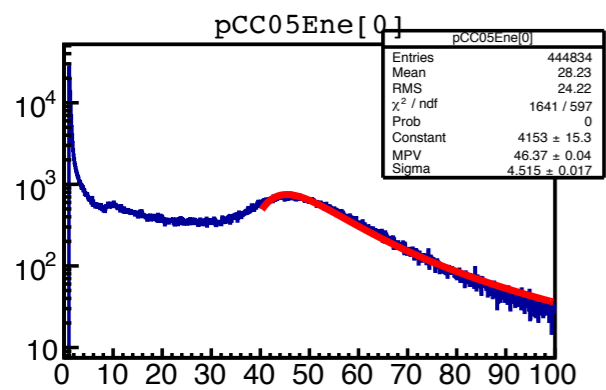
TRIGGERTAGIntegratedADC [j] : CC05Ene [ModID == 2]



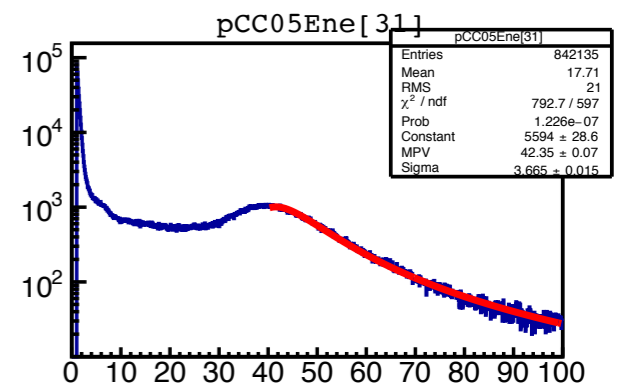
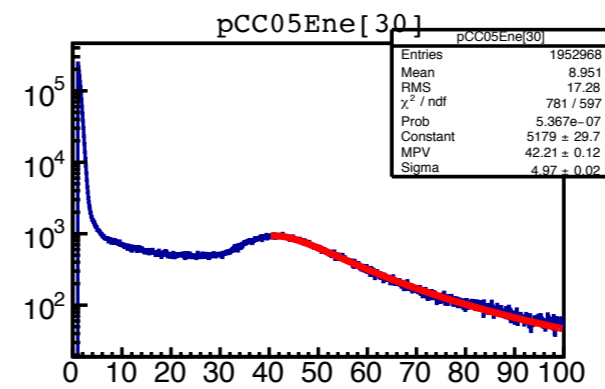
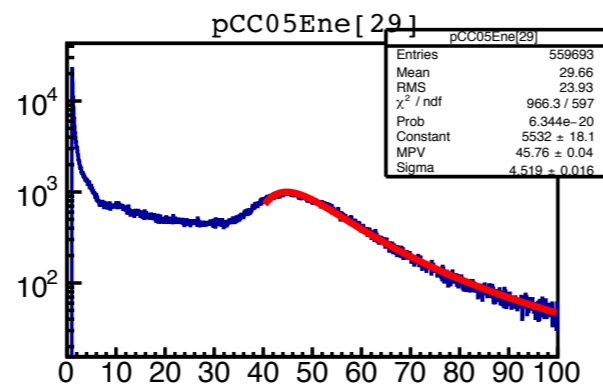
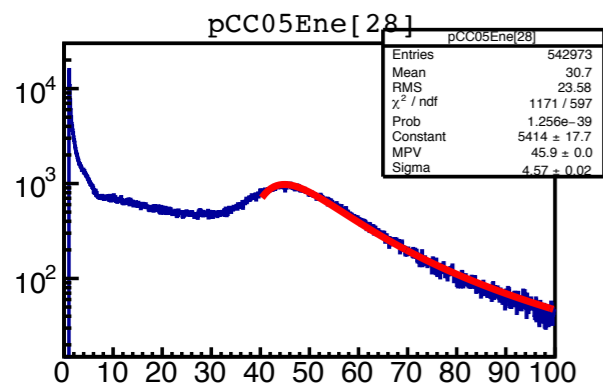
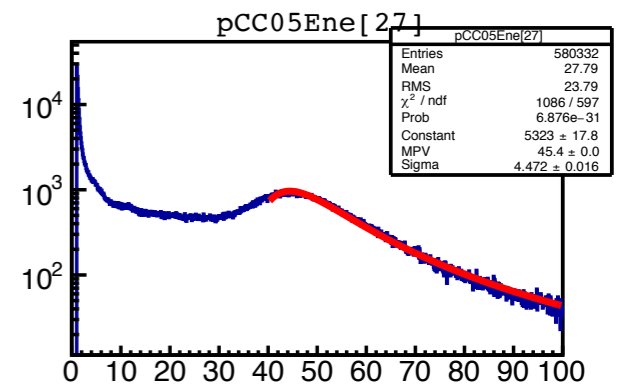
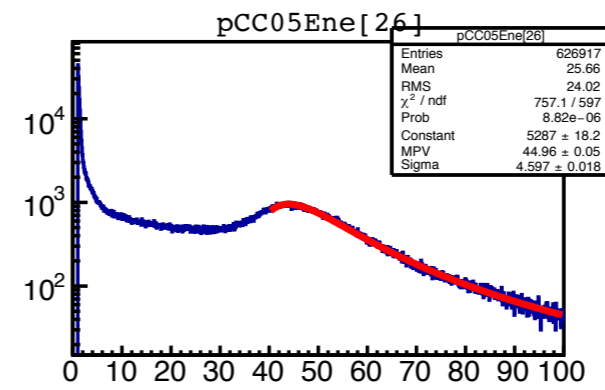
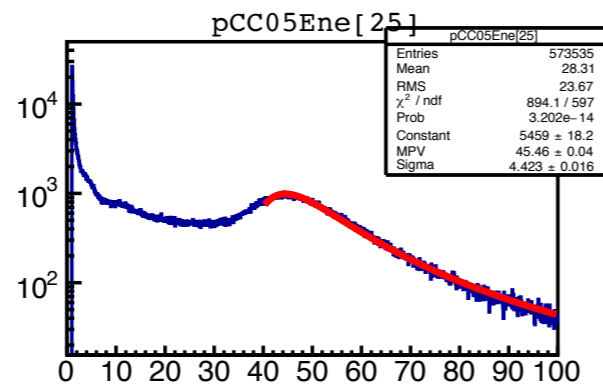
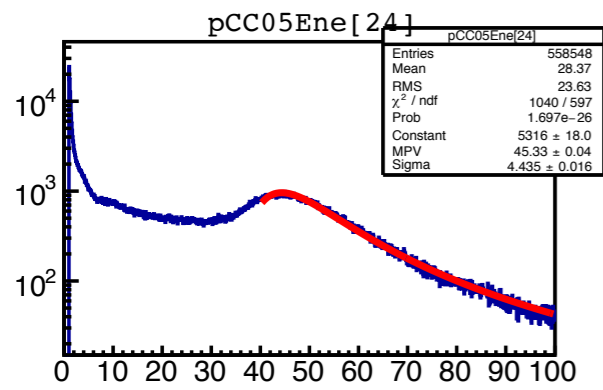
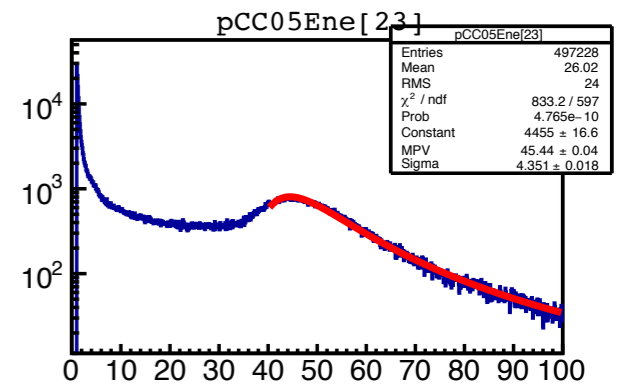
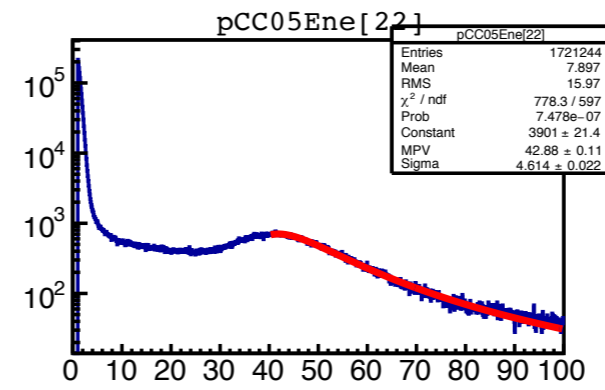
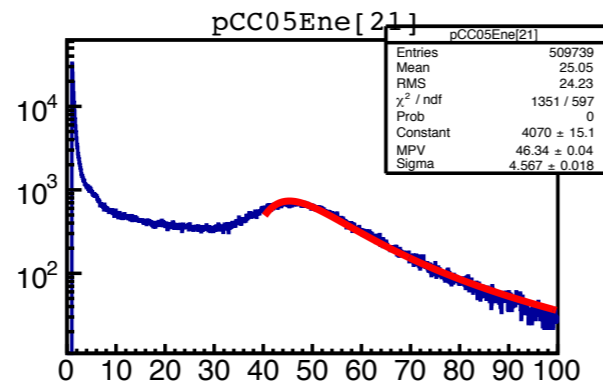
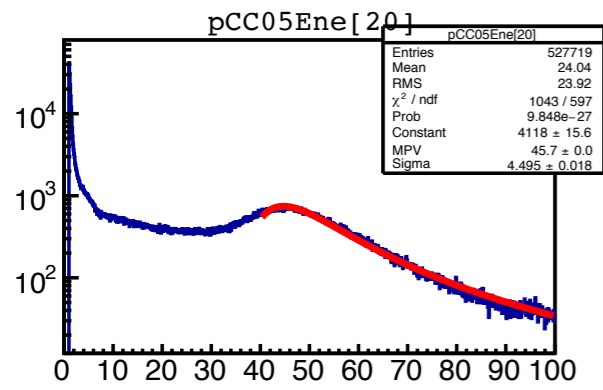
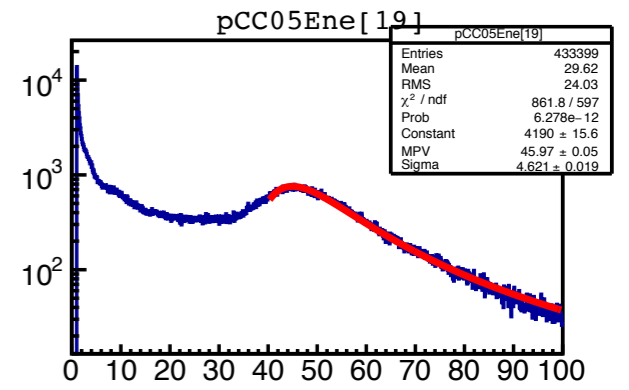
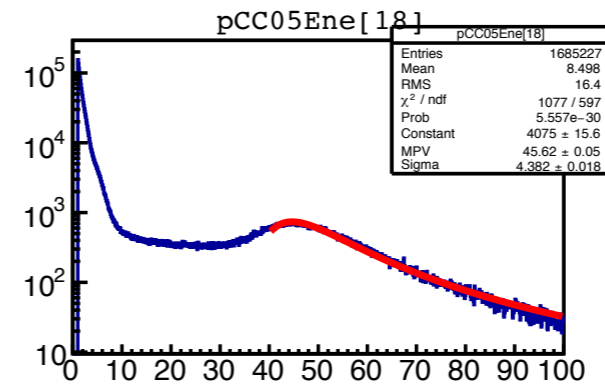
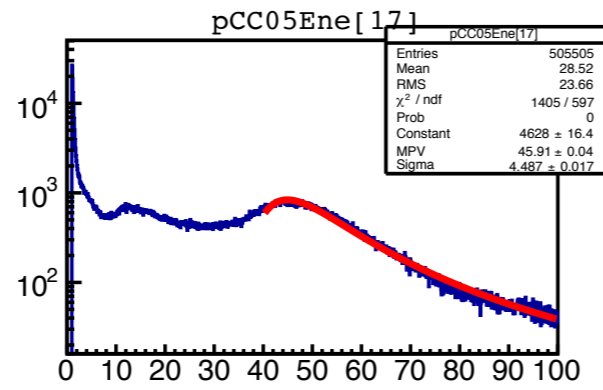
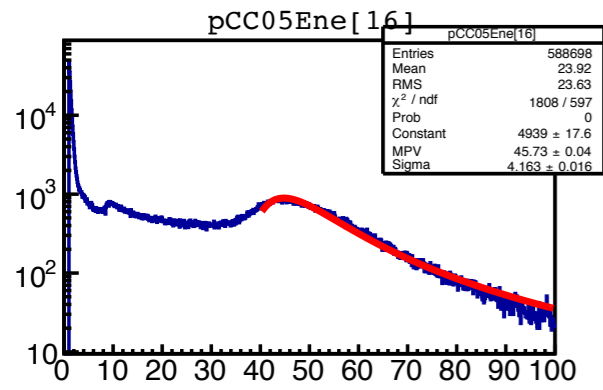
Cut by using the TRIGGERTAGIntegratedADC

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if( TRIGGERTAGIntegratedADC[0] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[1] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[2] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[3] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[4] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[5] > 500 ) continue;  
if( TRIGGERTAGIntegratedADC[6] > 500 ) continue;
```

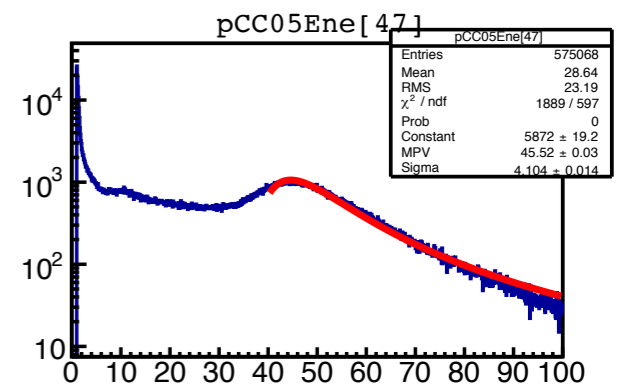
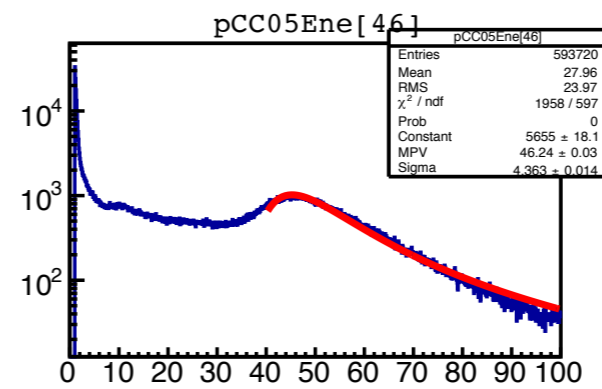
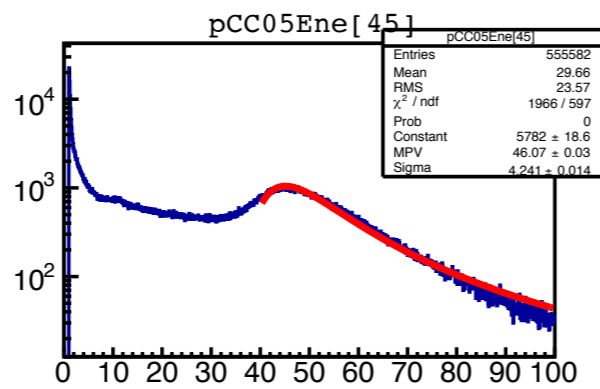
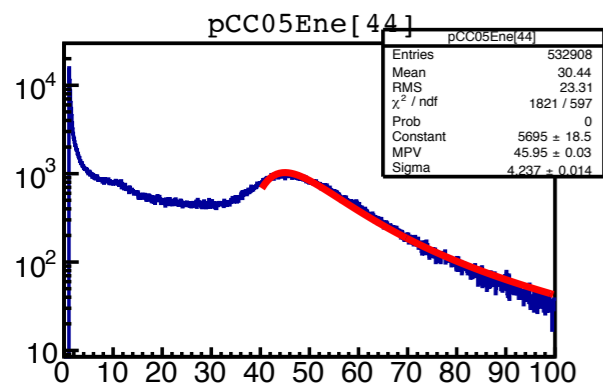
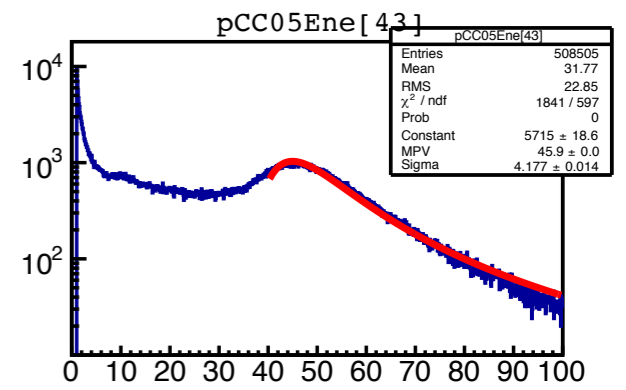
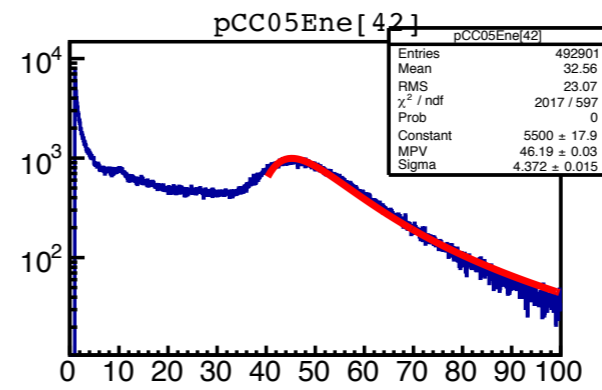
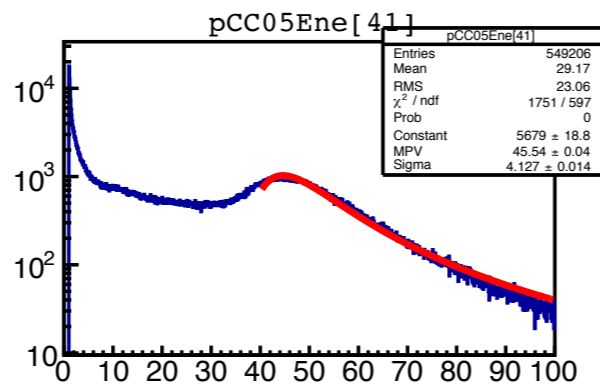
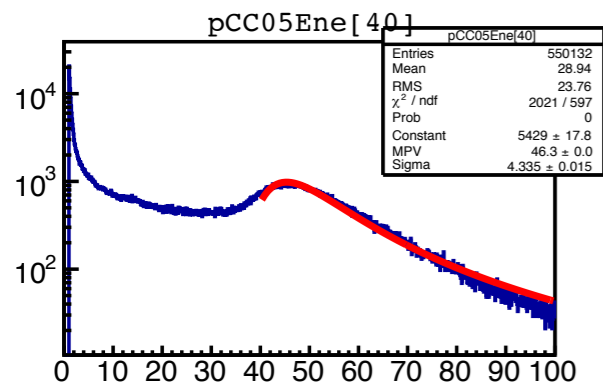
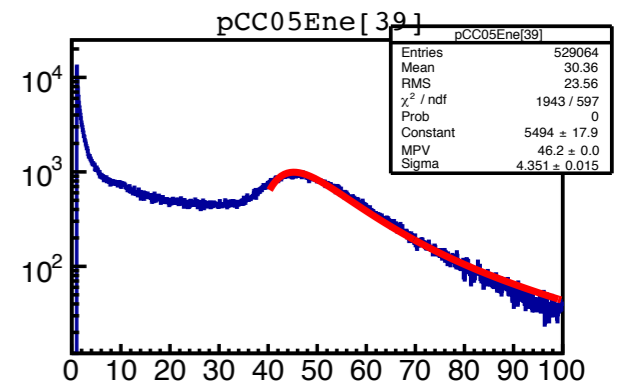
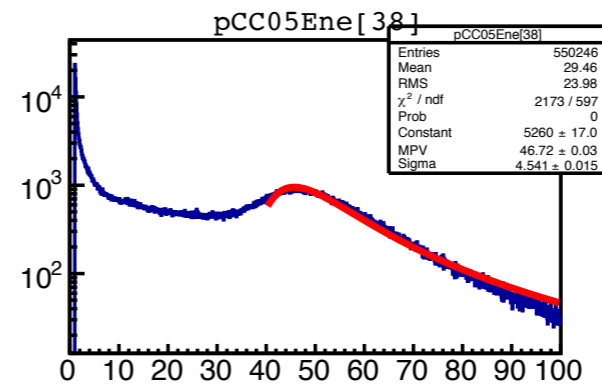
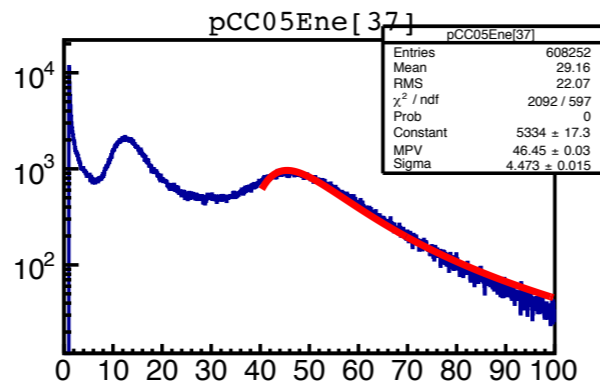
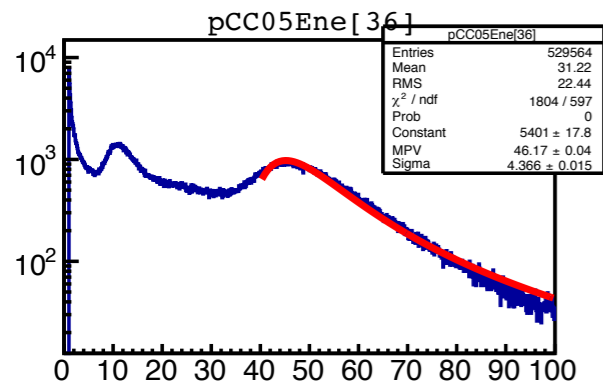
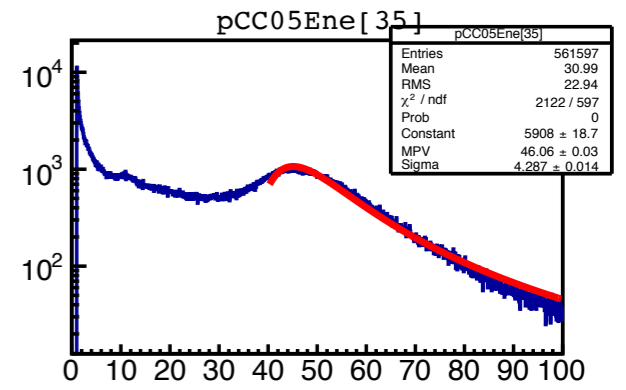
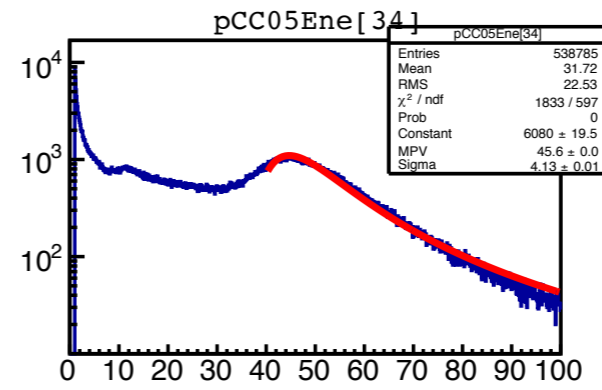
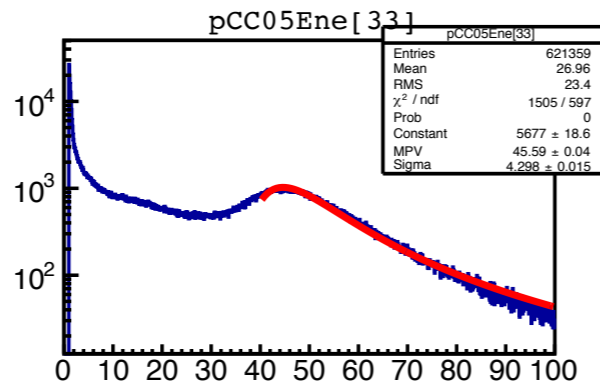
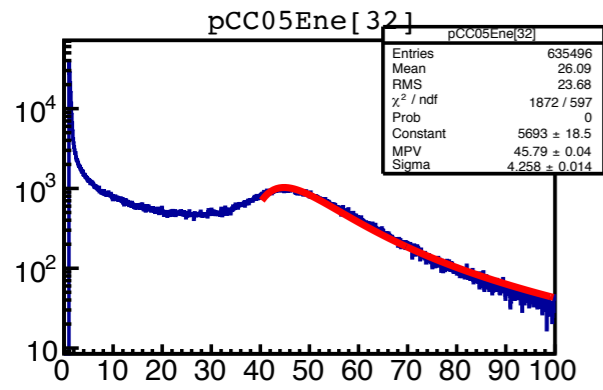
CC05Ene(Cut)



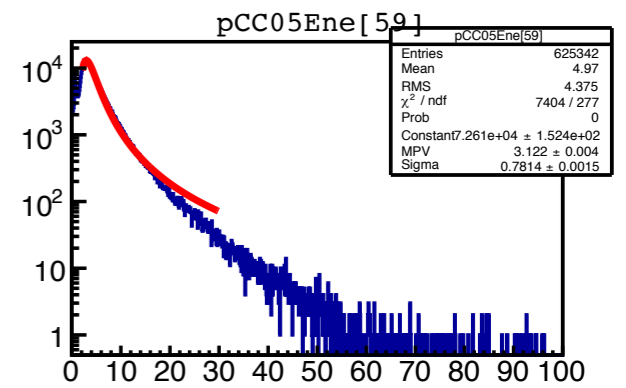
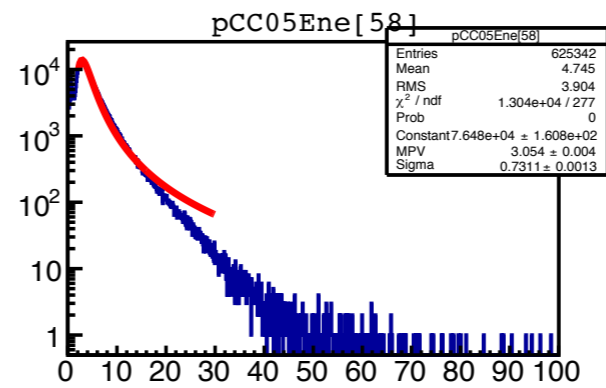
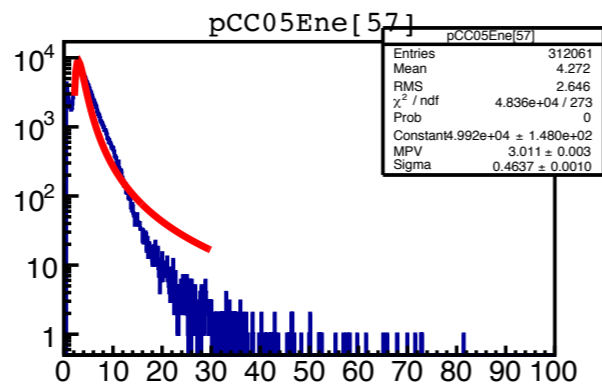
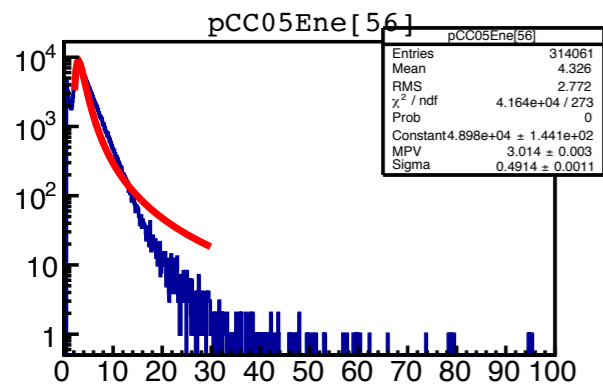
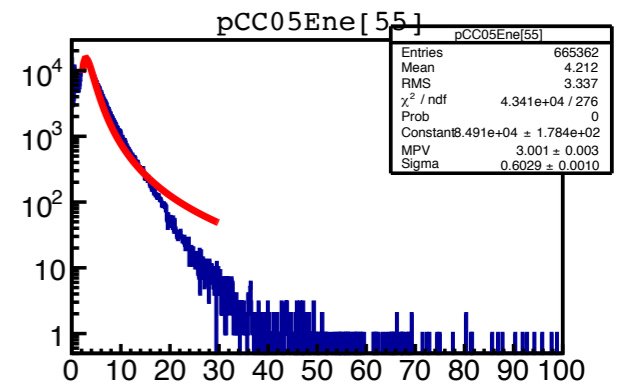
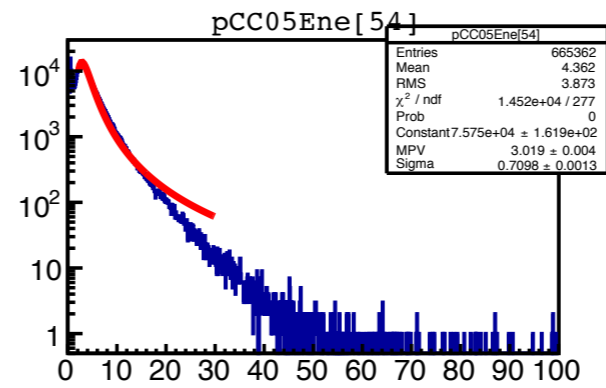
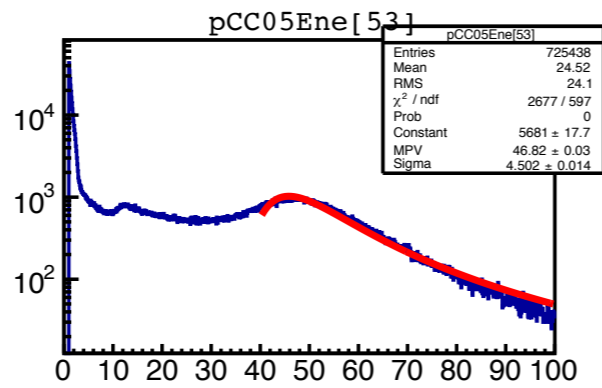
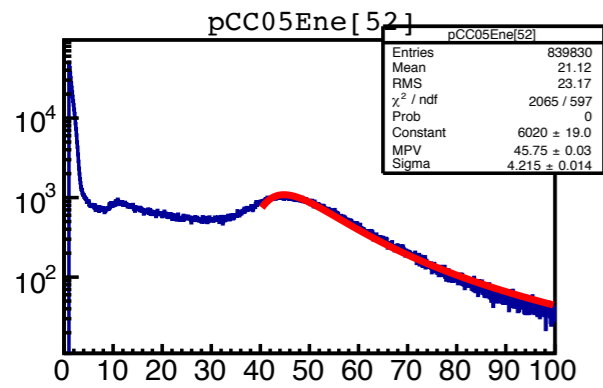
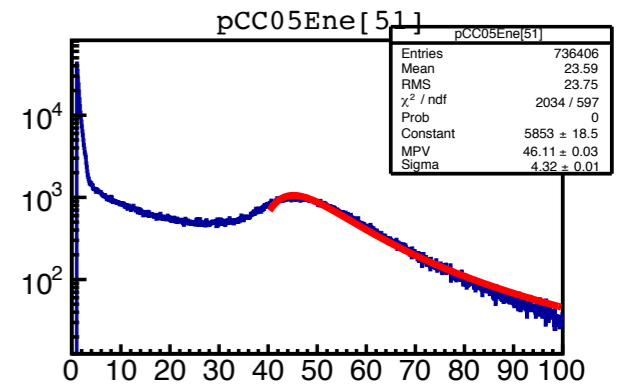
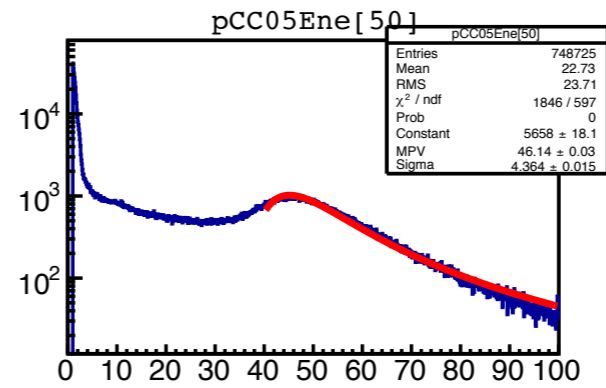
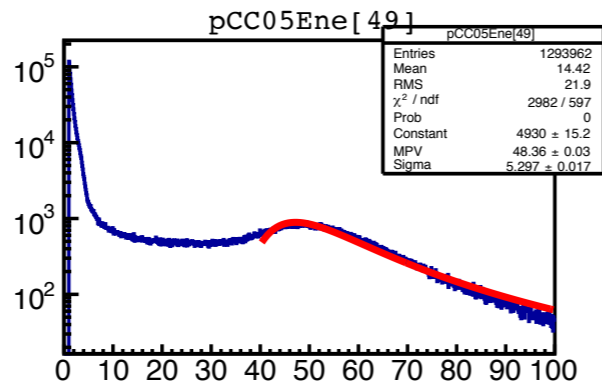
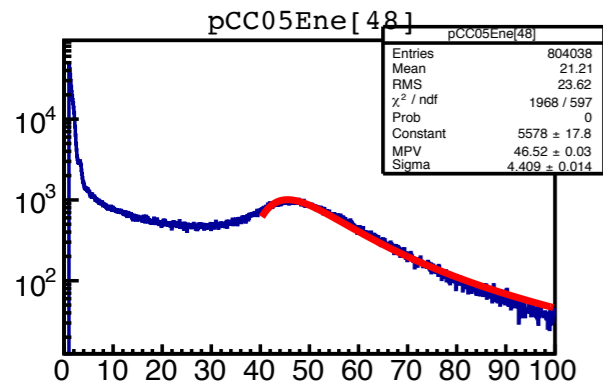
CC05Ene(Cut)



CC05Ene(Cut)



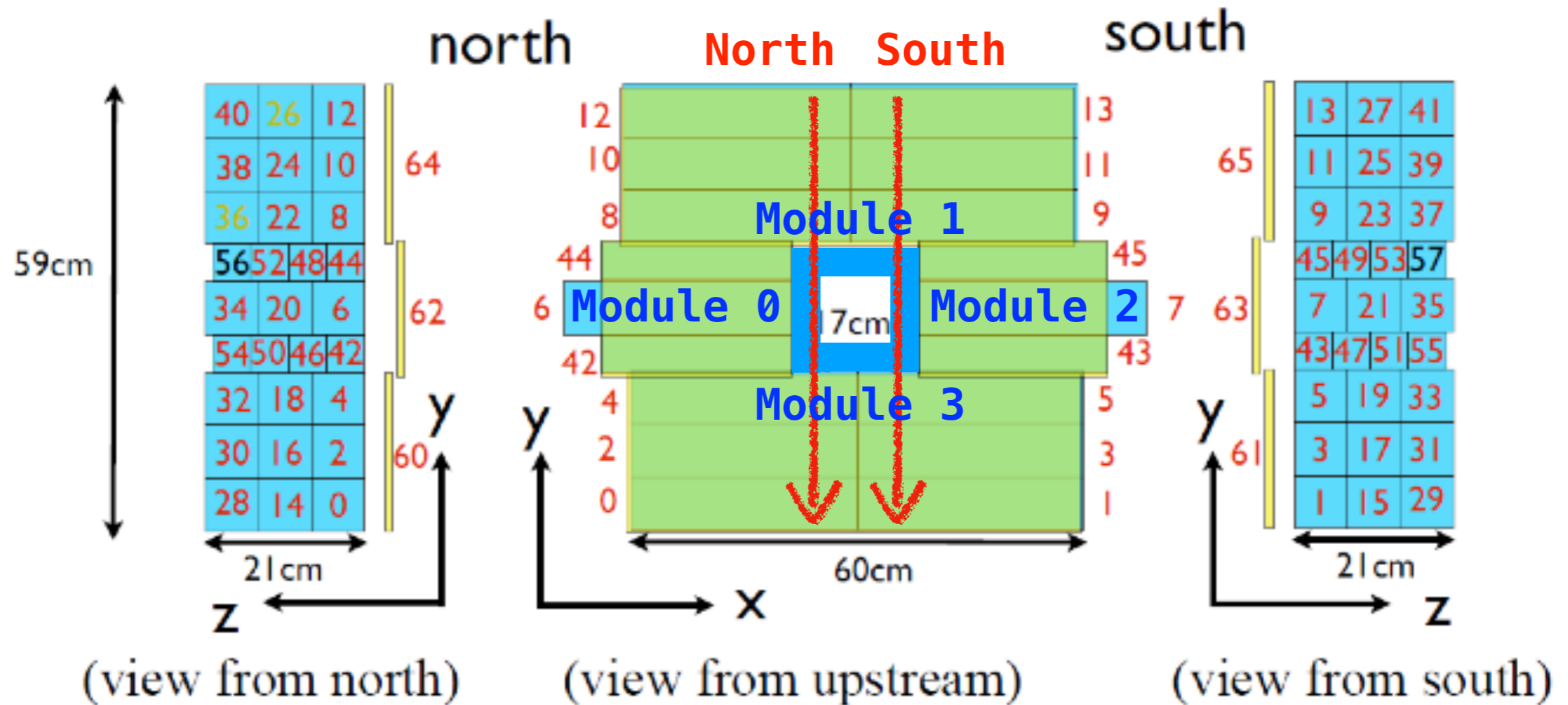
CC05Ene(Cut)



CC04

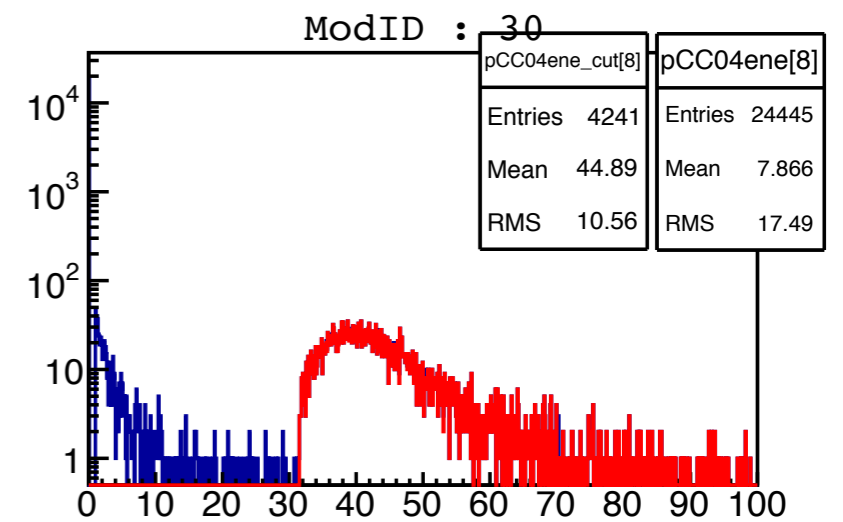
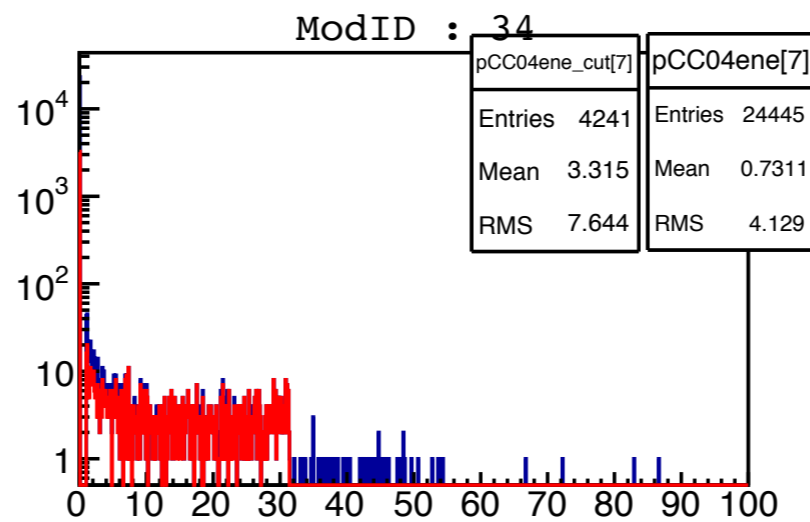
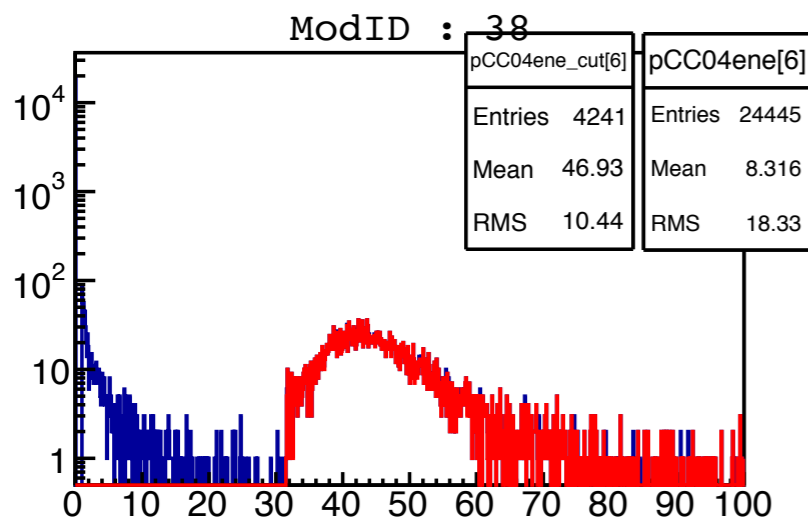
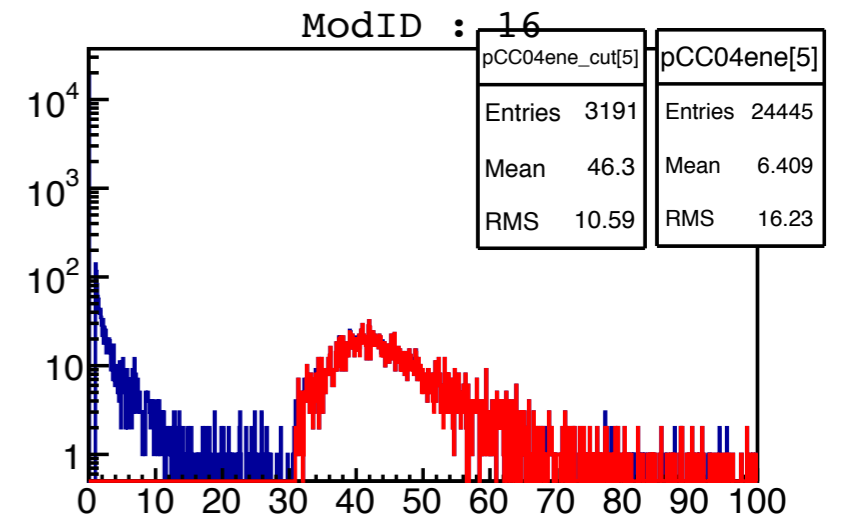
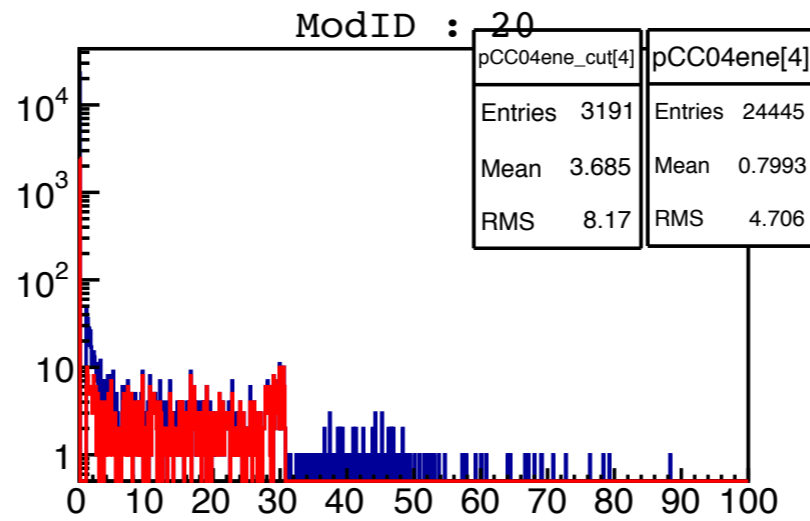
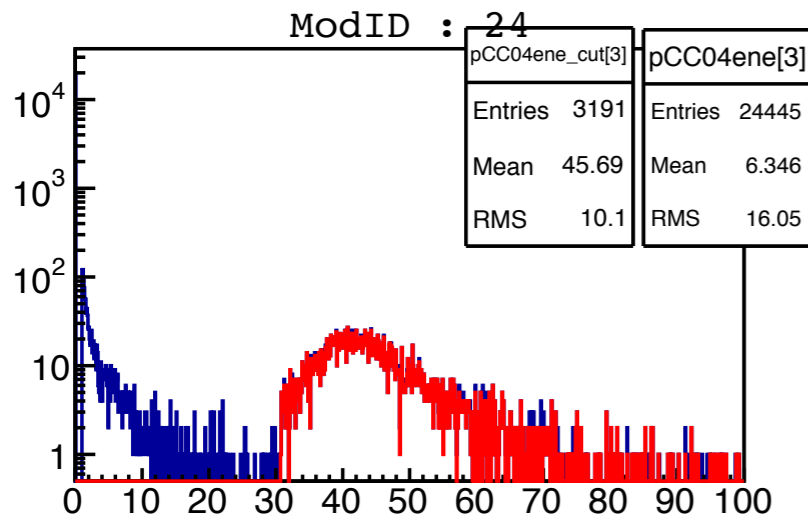
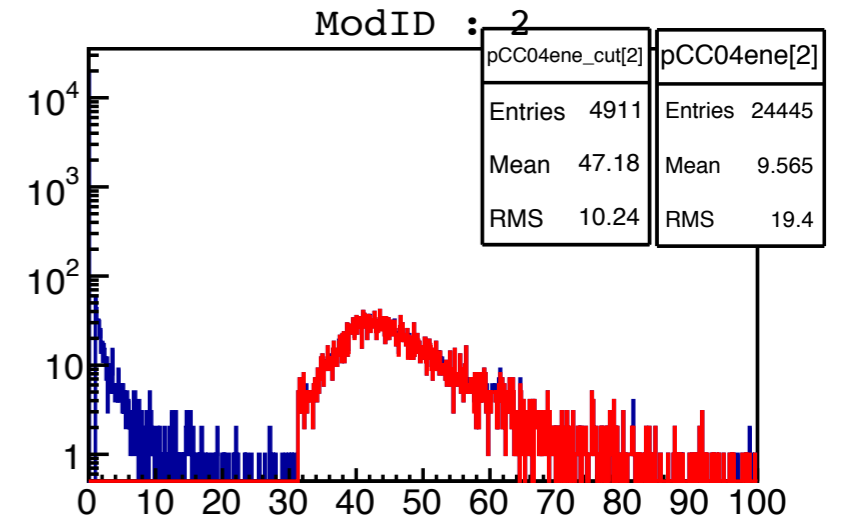
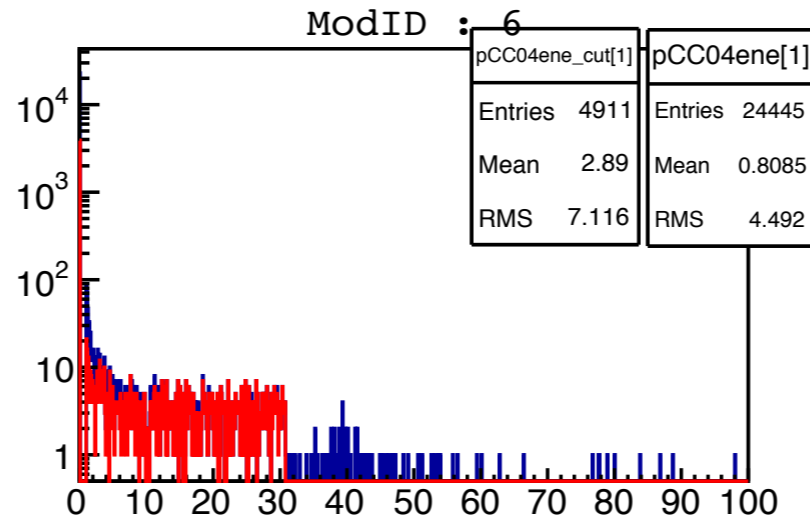
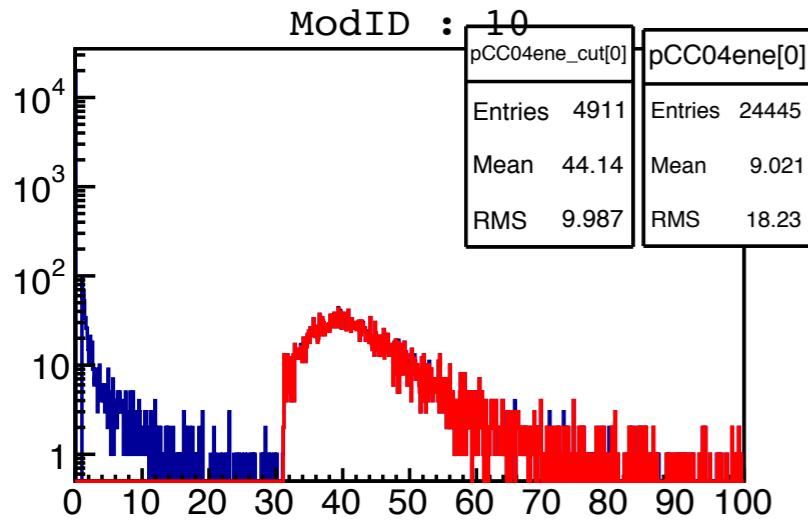
number=CC04ModID
 (with amp channel)
 (dead channel)

- 42 CsI crystals of 70×70×300mm,
 16 CsI crystals of 50×50×250mm,
 4 scintillator of thickness 10mm



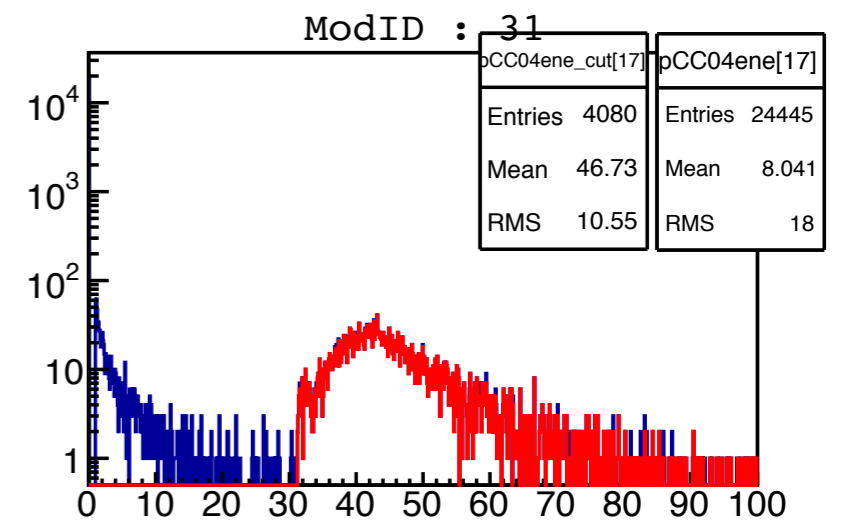
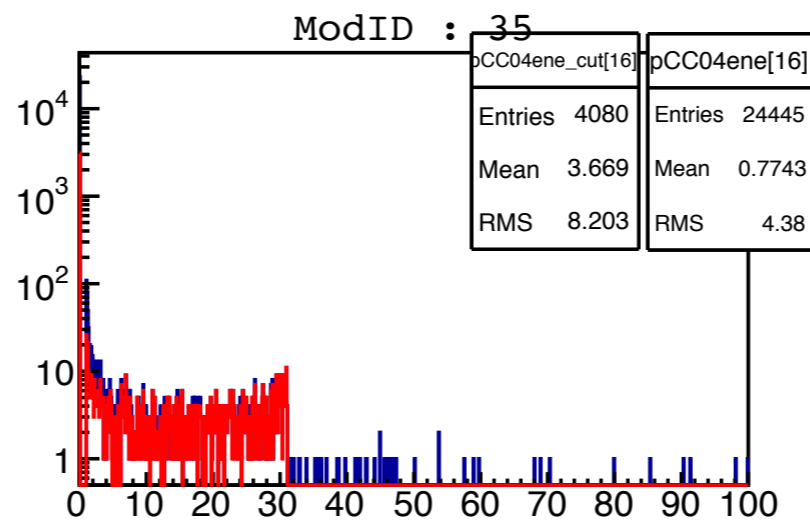
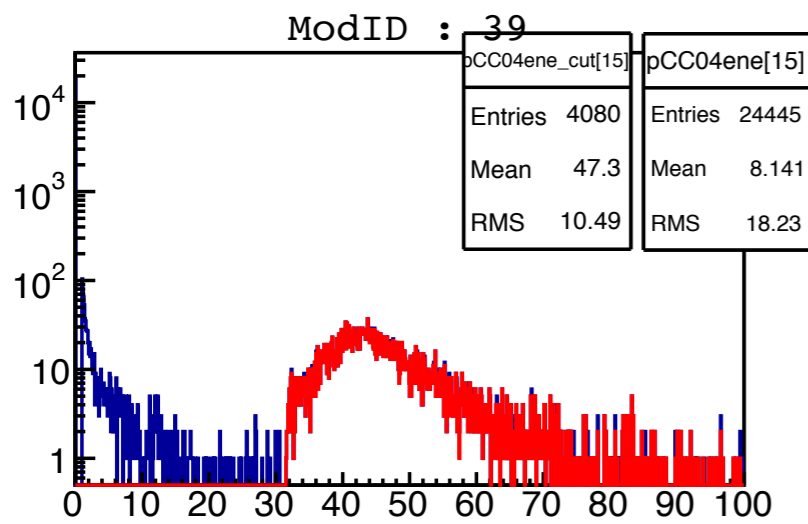
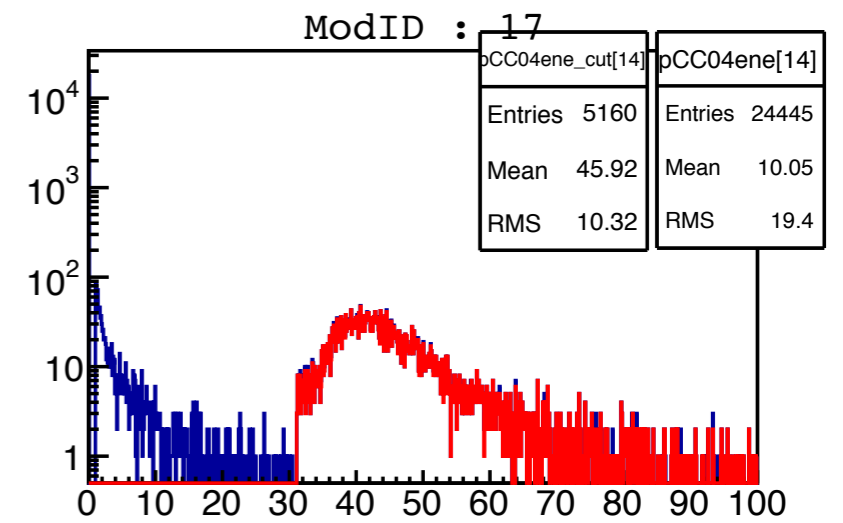
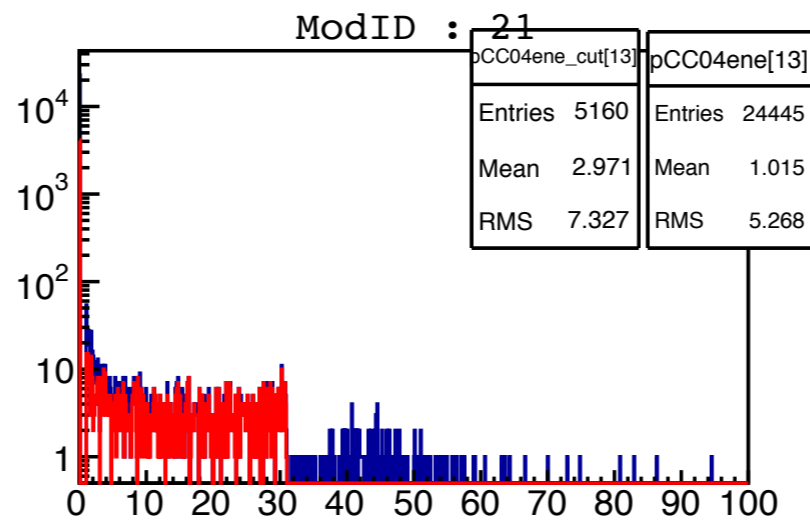
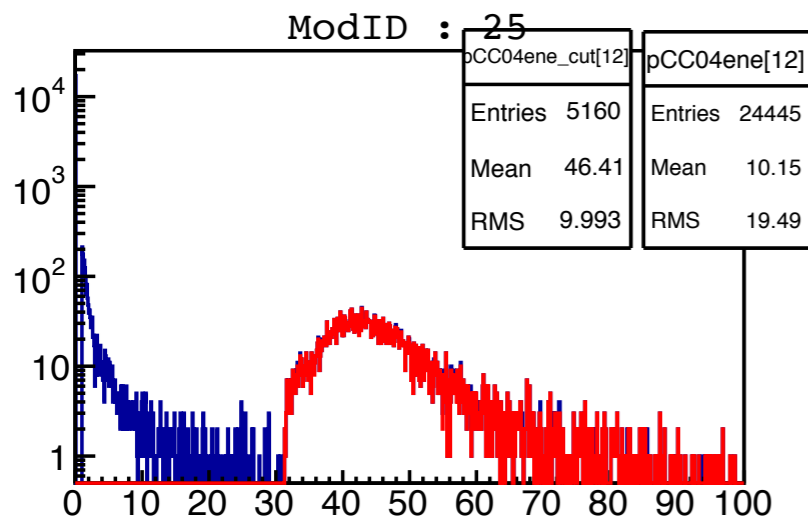
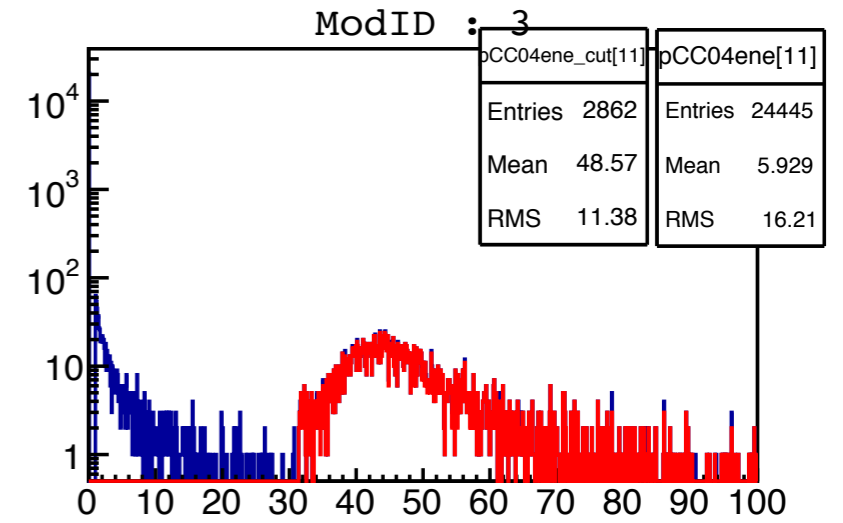
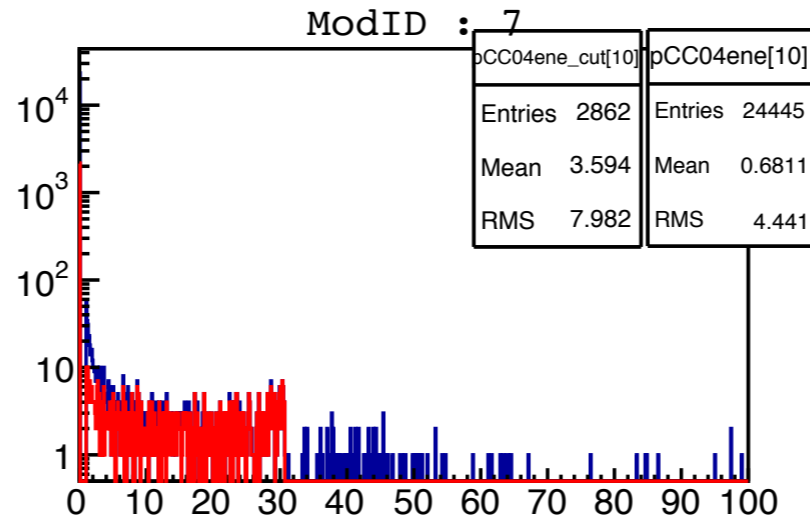
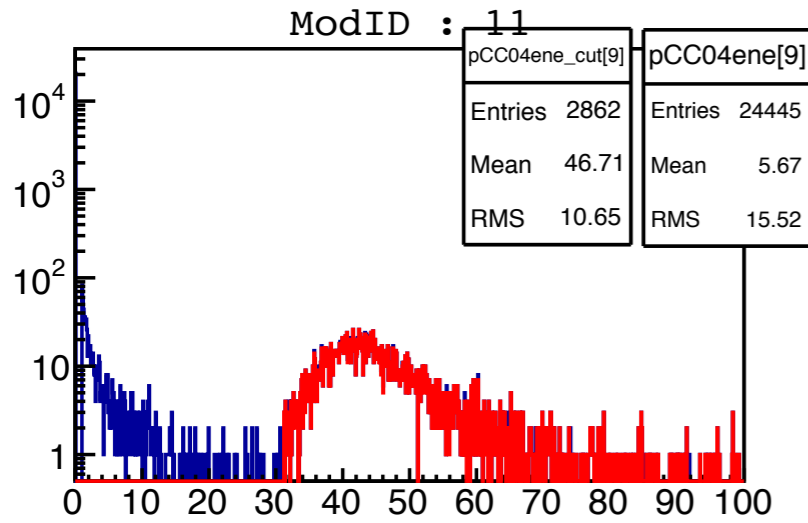
Event selection

North

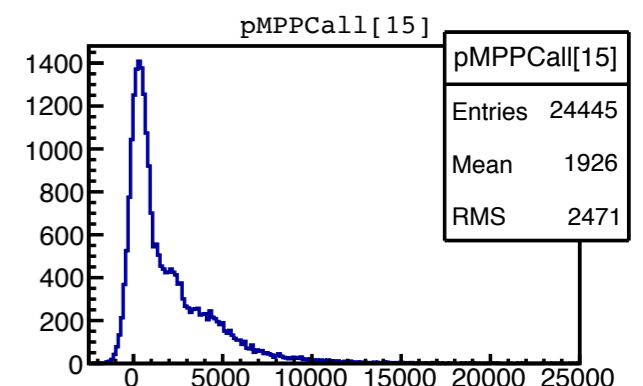
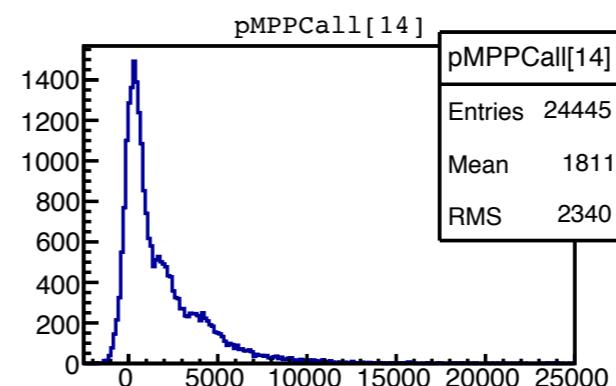
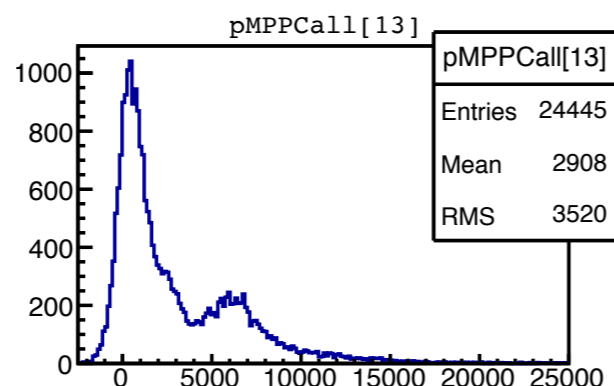
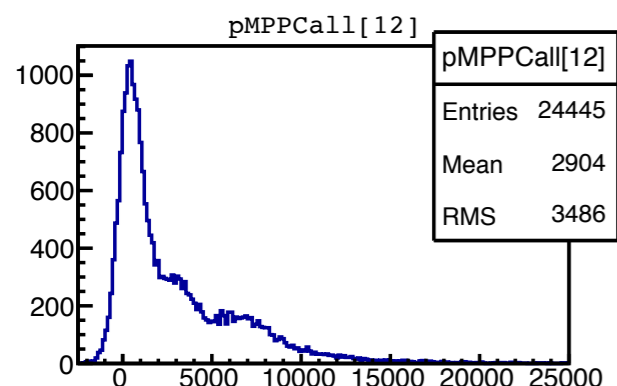
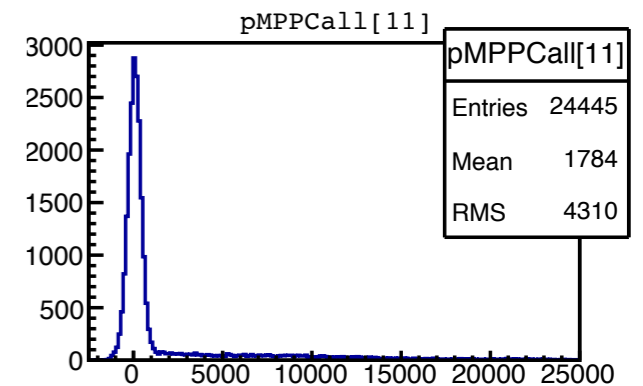
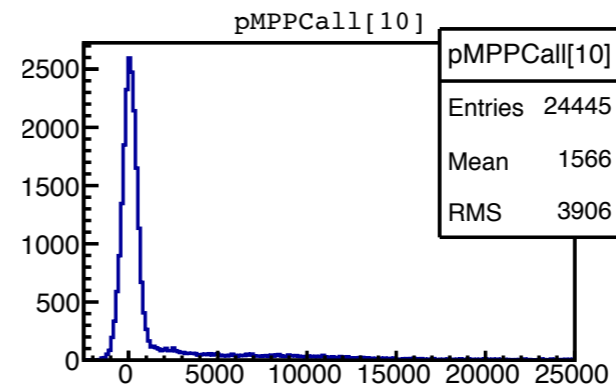
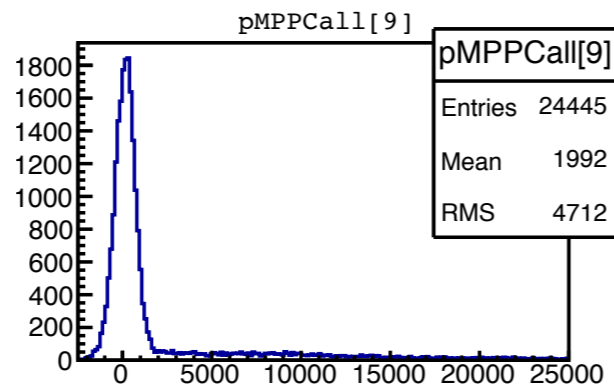
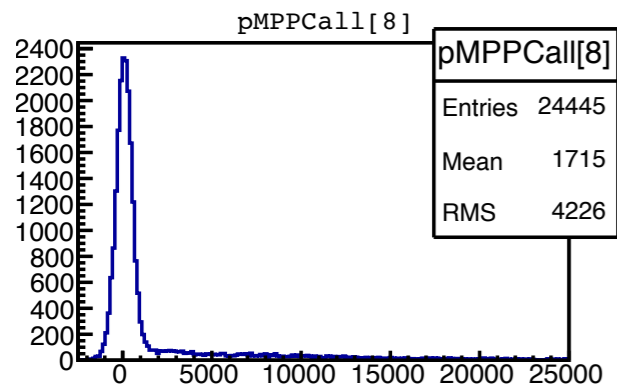
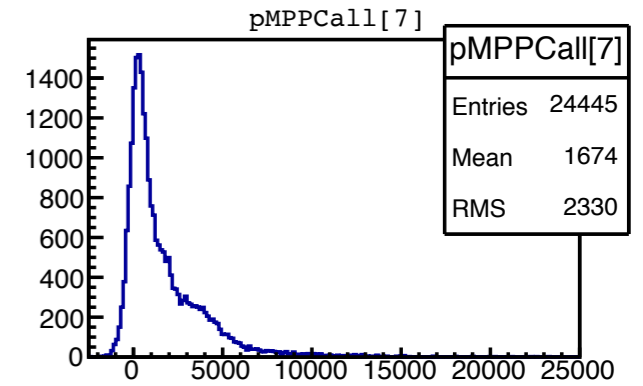
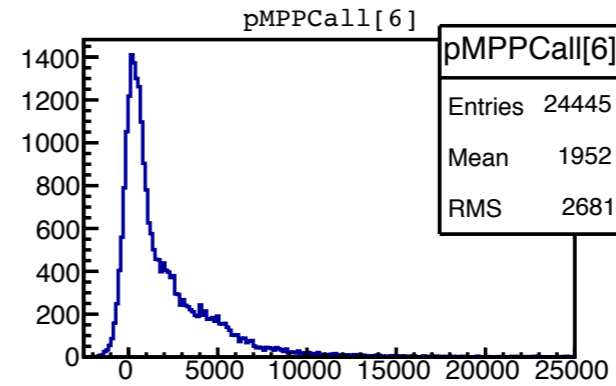
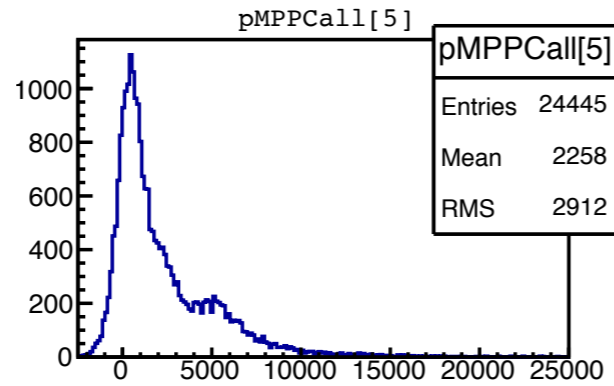
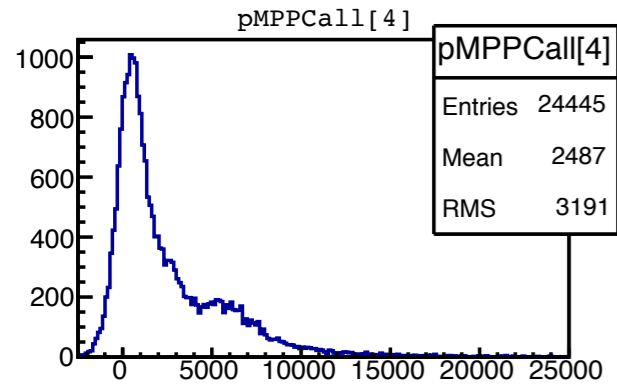
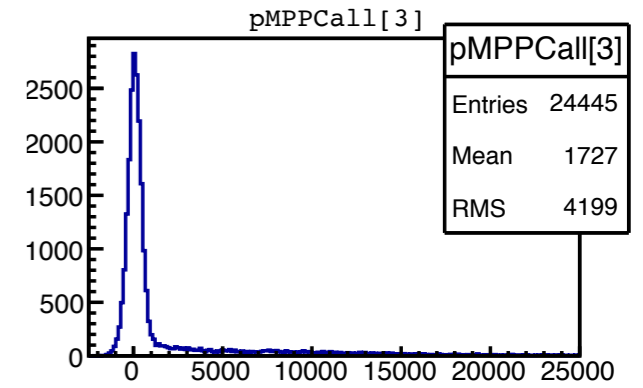
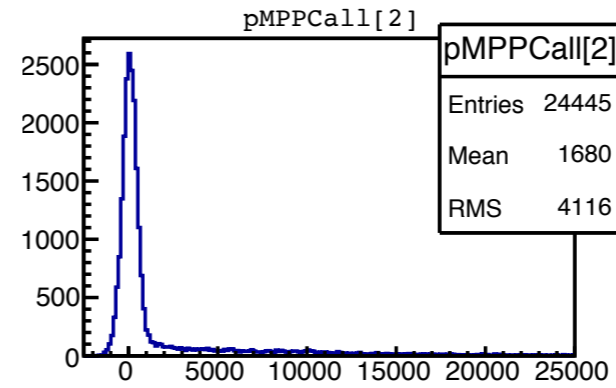
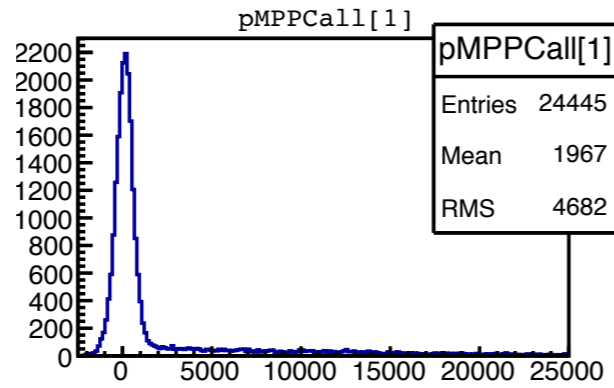
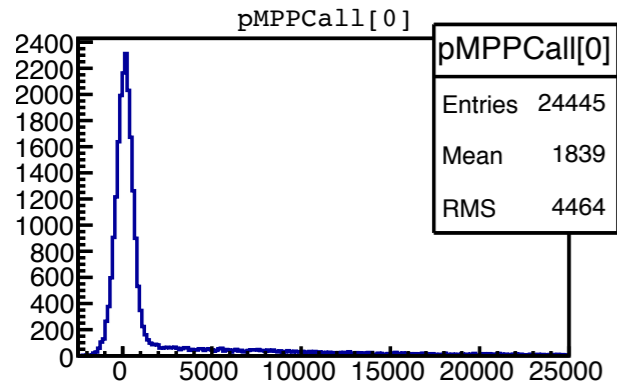


Event selection

South



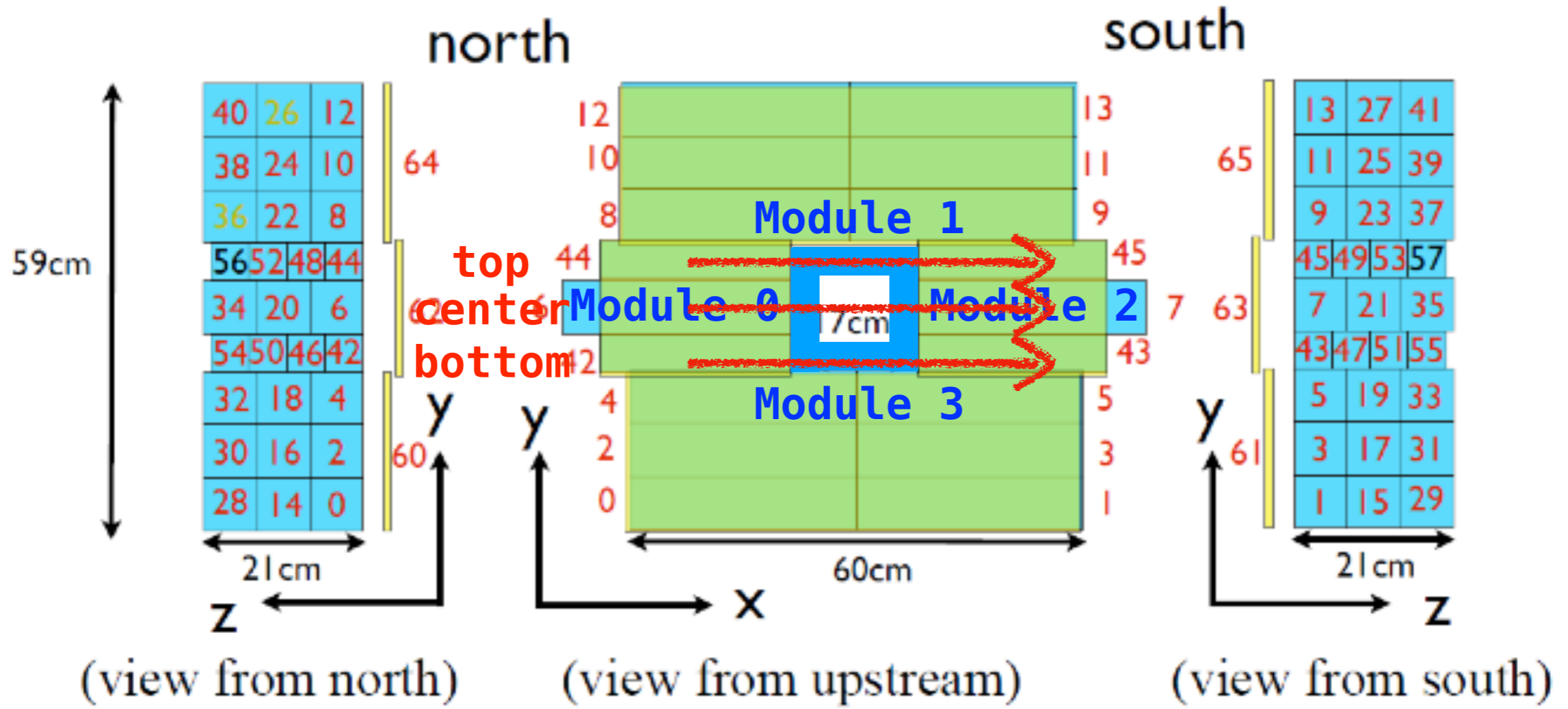
DCV1 IntegratedADC Distribution



CC04

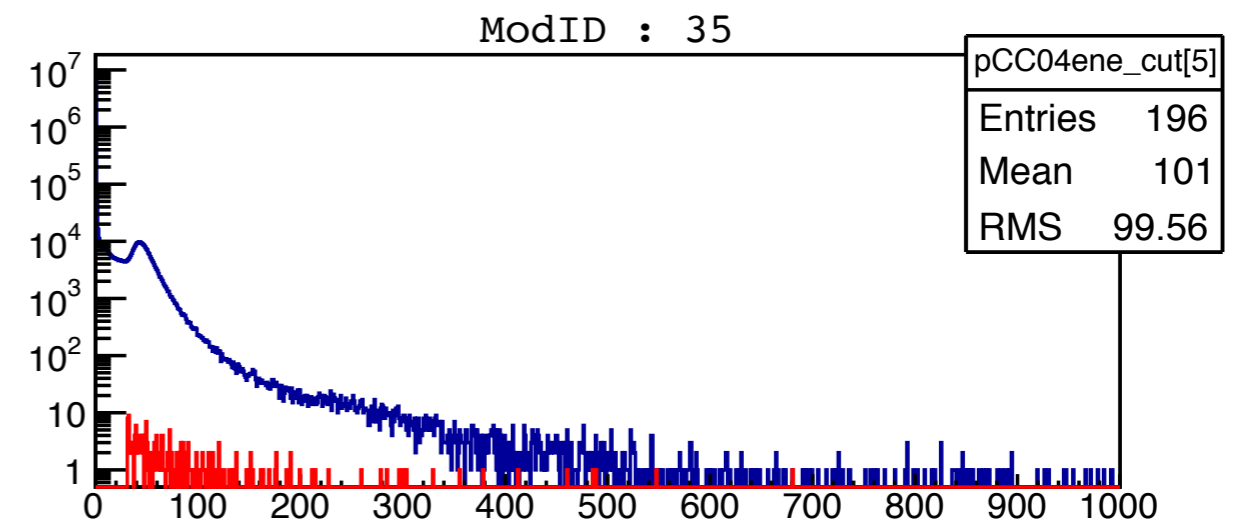
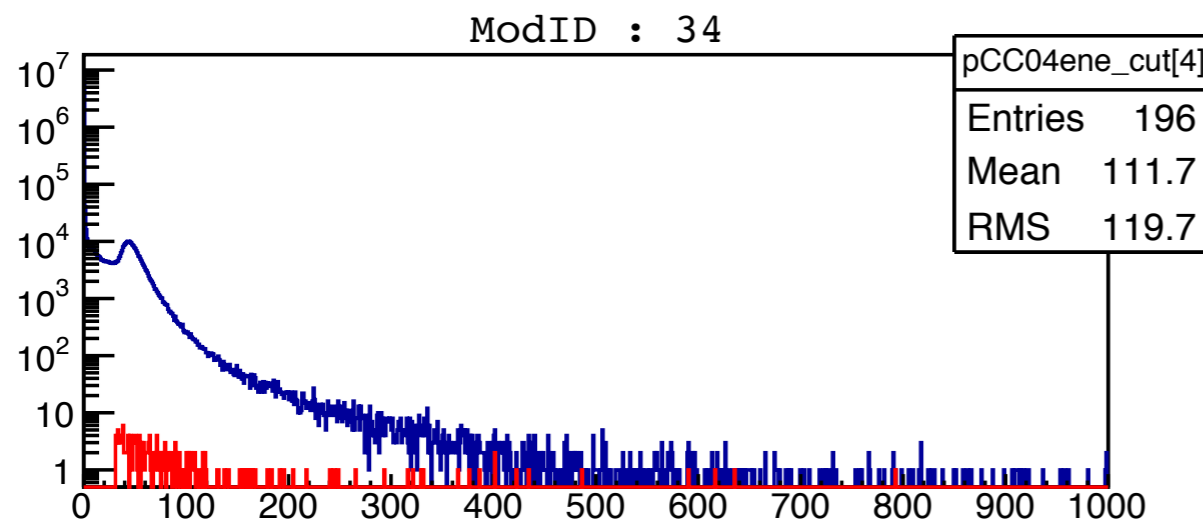
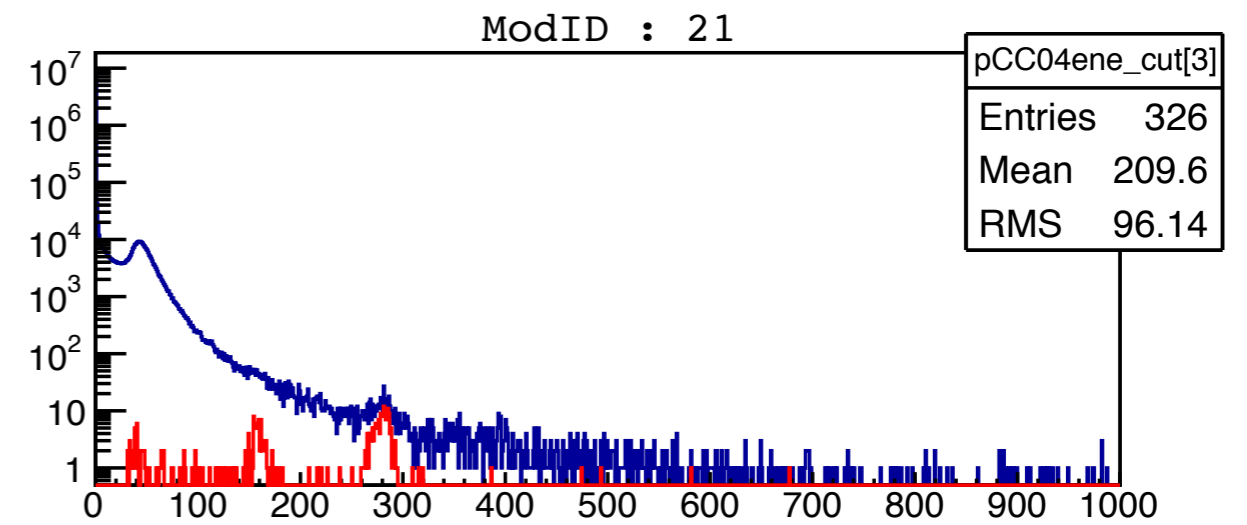
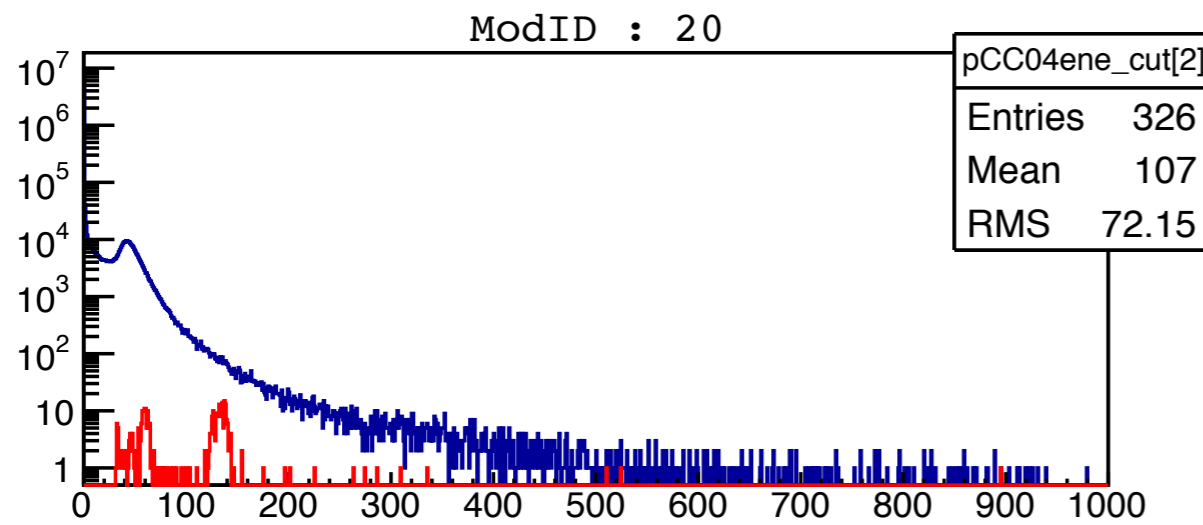
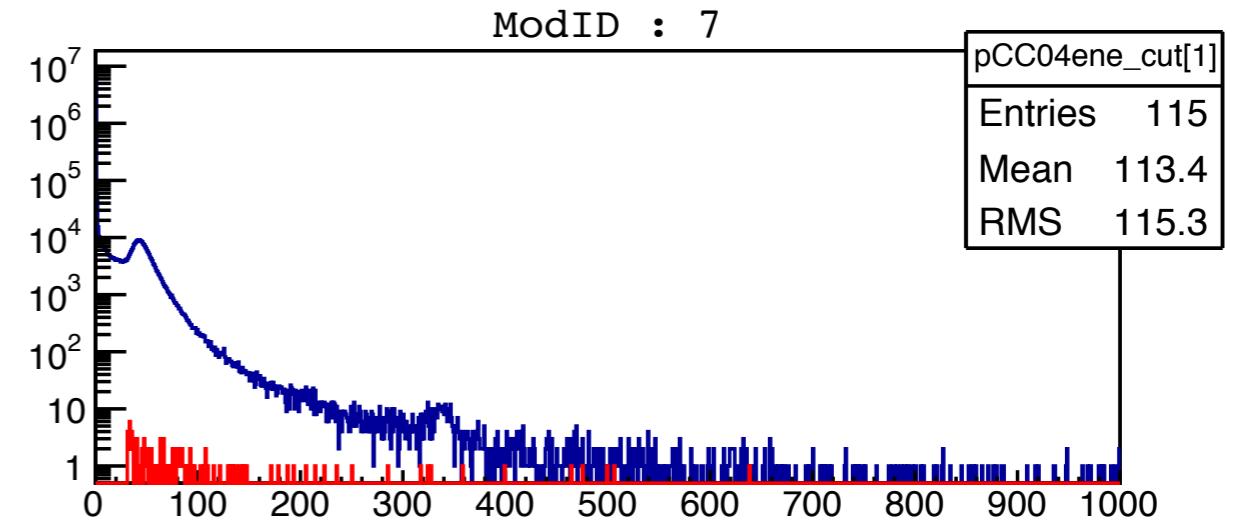
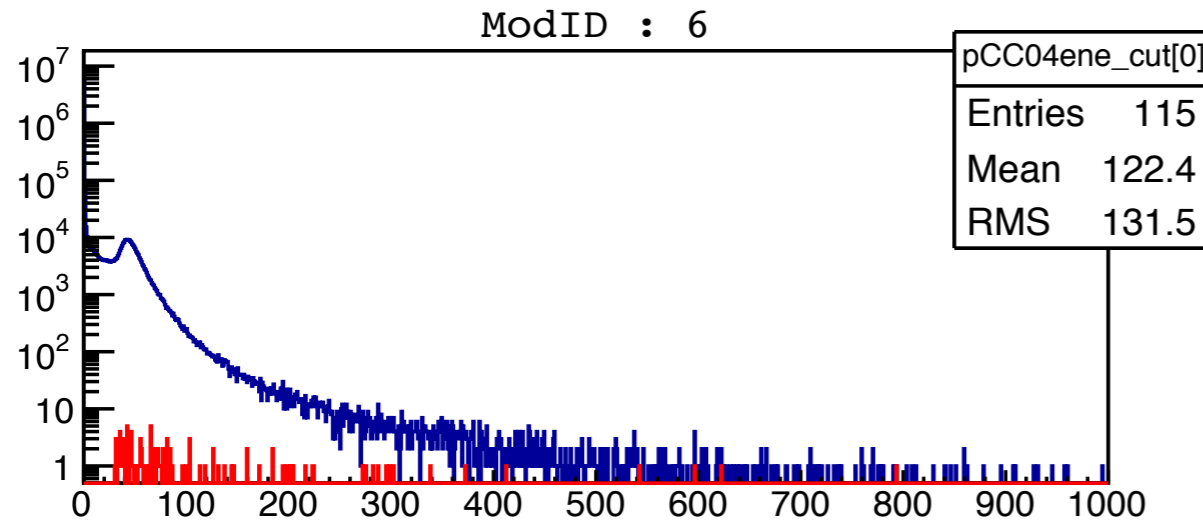
number=CC04ModID
 (with amp channel)
 (dead channel)

- 42 CsI crystals of 70×70×300mm,
 16 CsI crystals of 50×50×250mm,
 4 scintillator of thickness 10mm



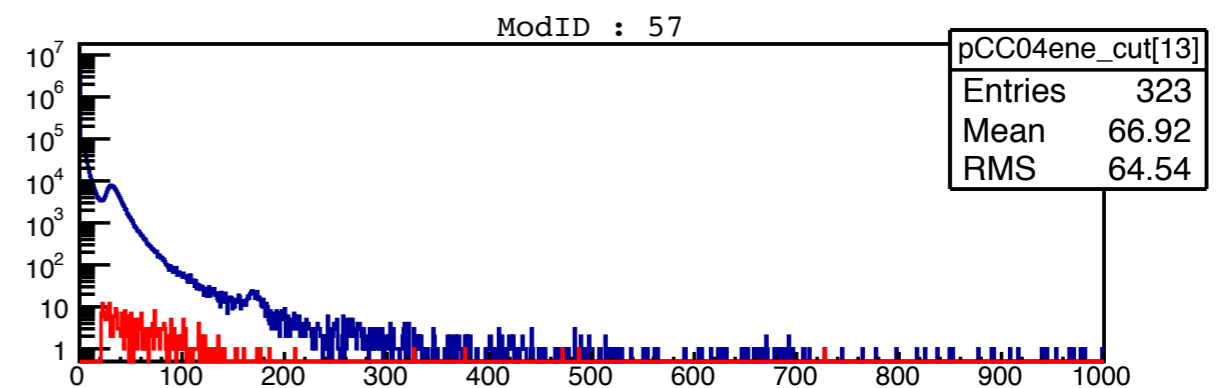
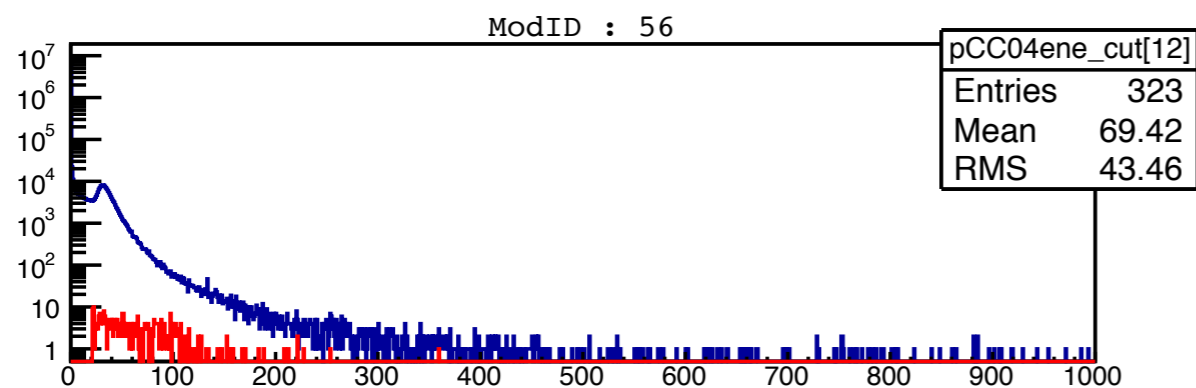
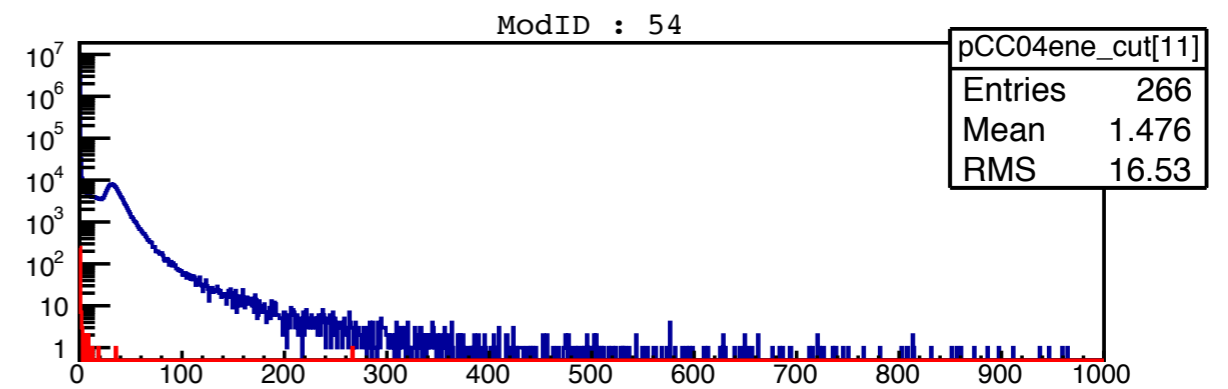
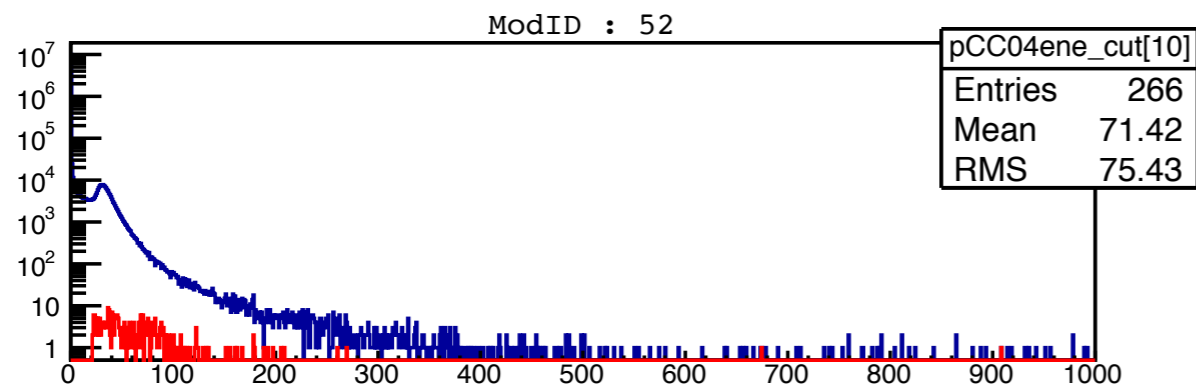
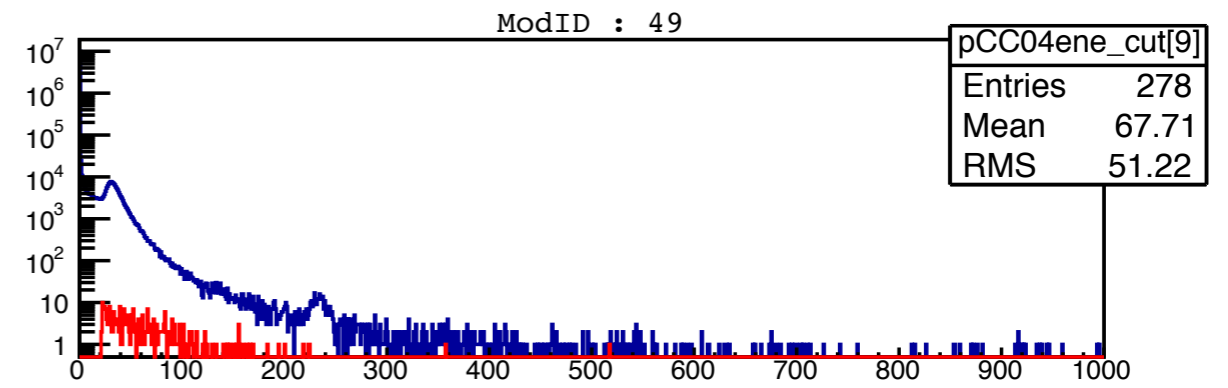
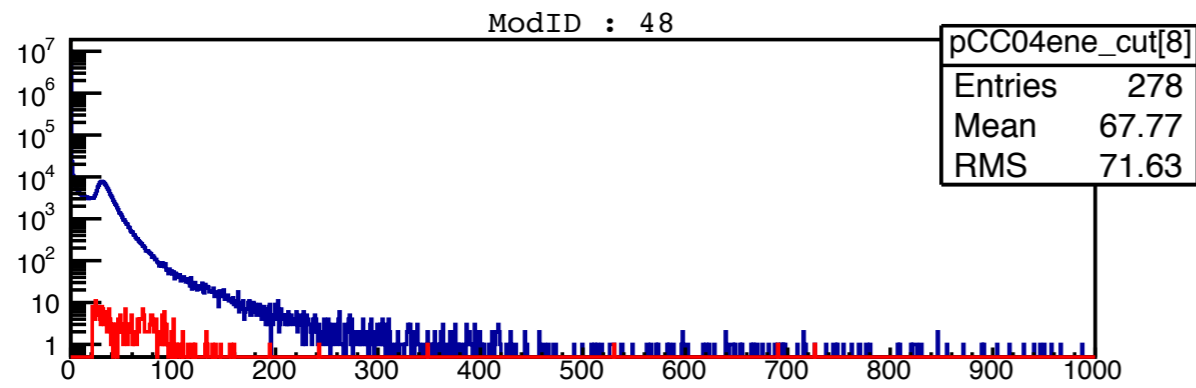
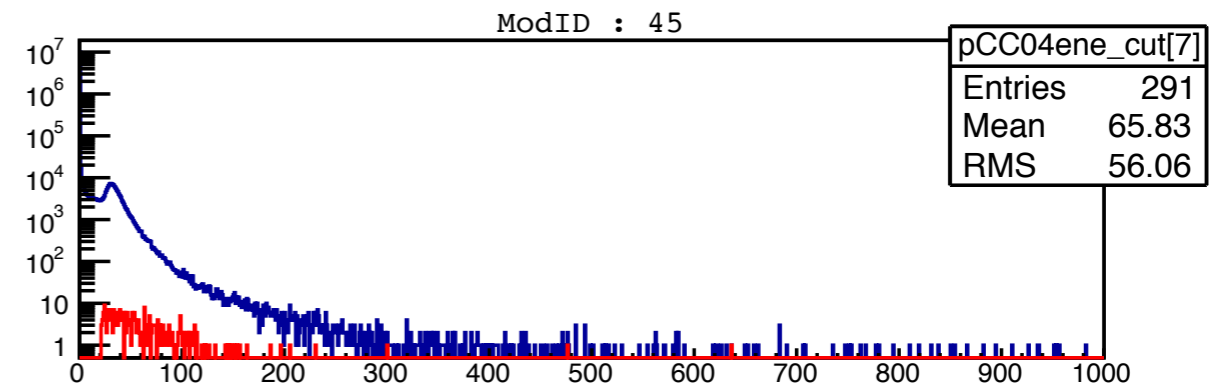
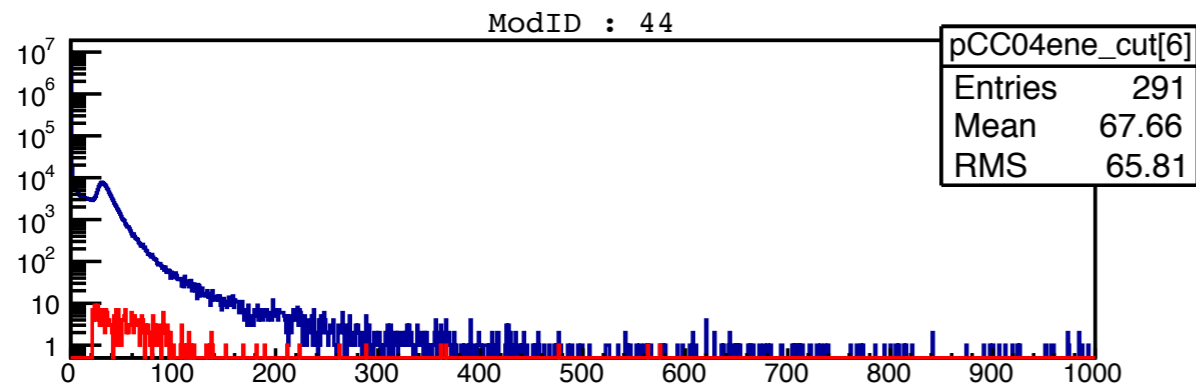
Event selection

Center



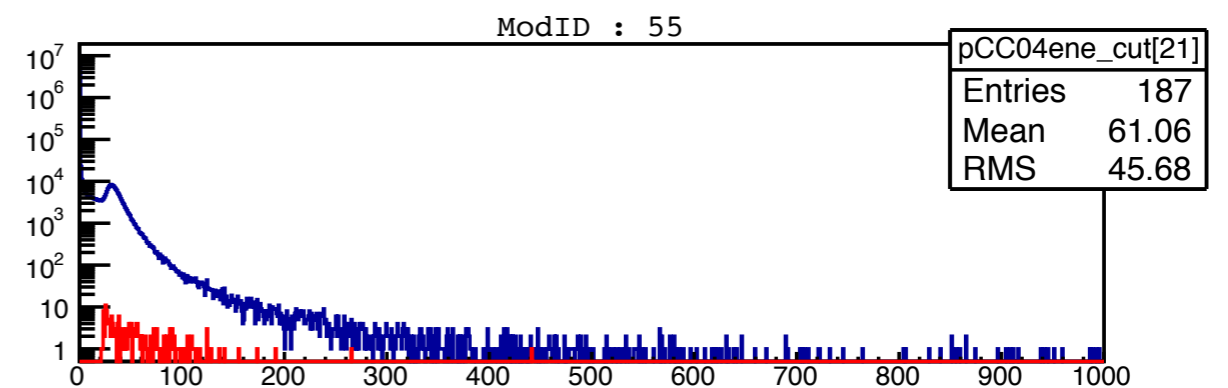
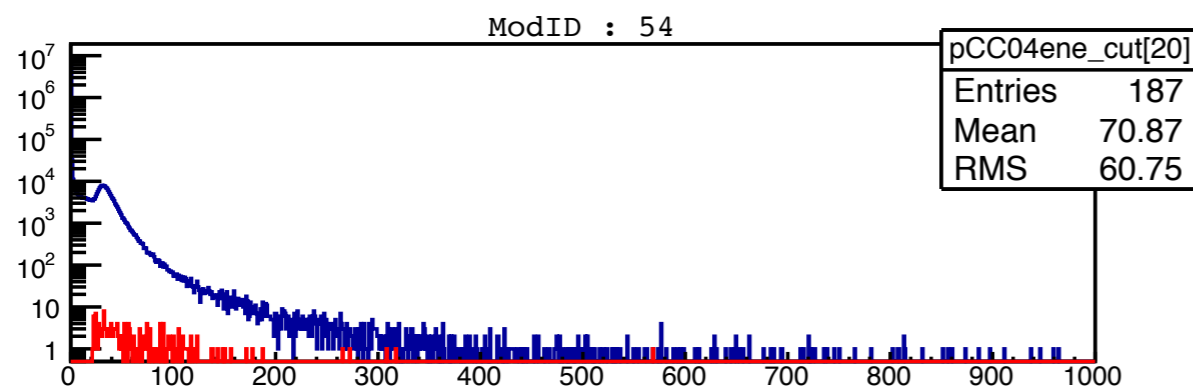
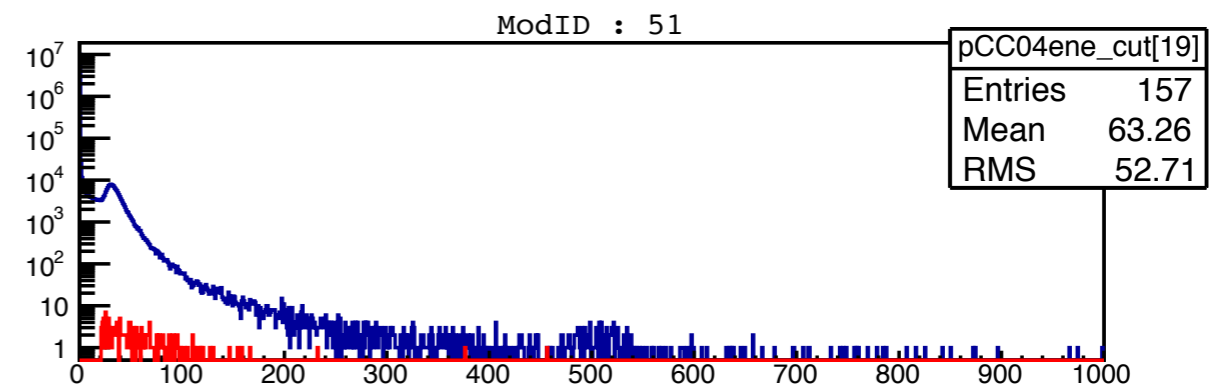
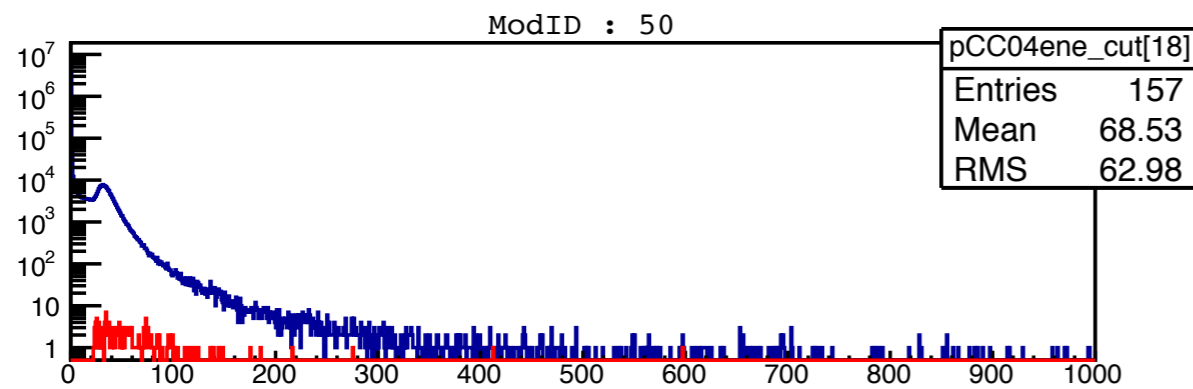
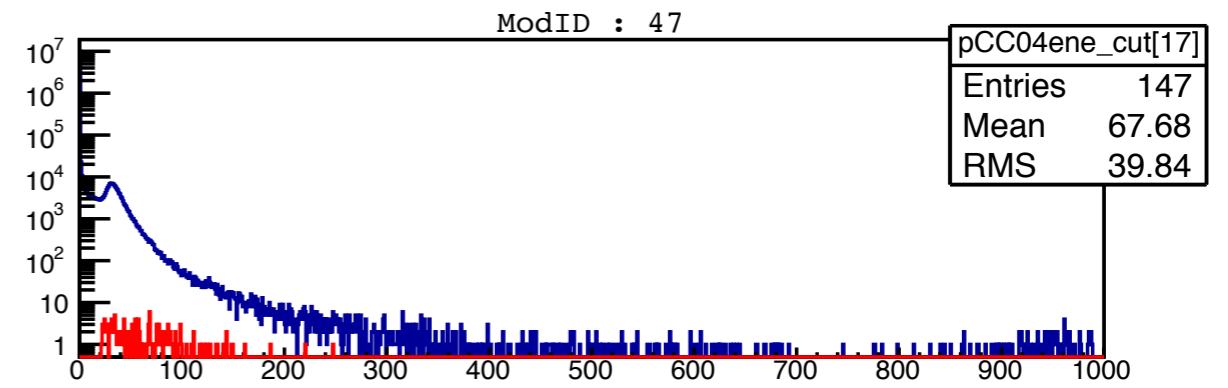
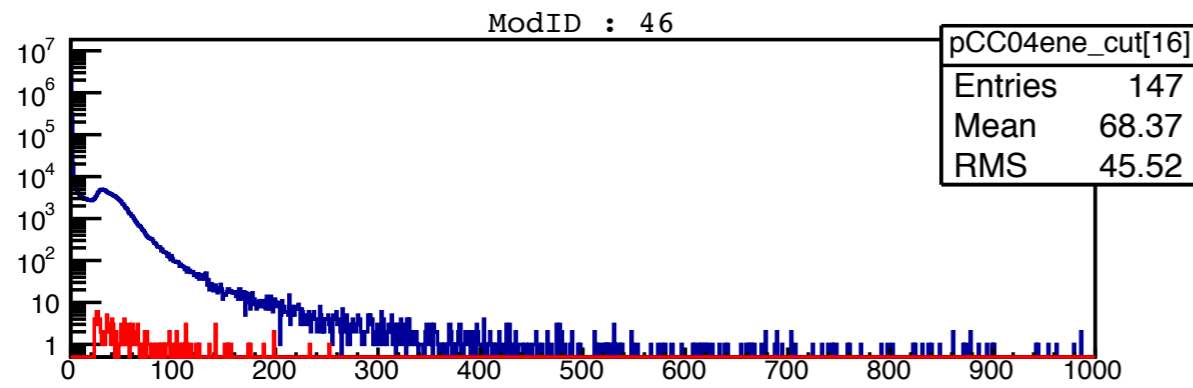
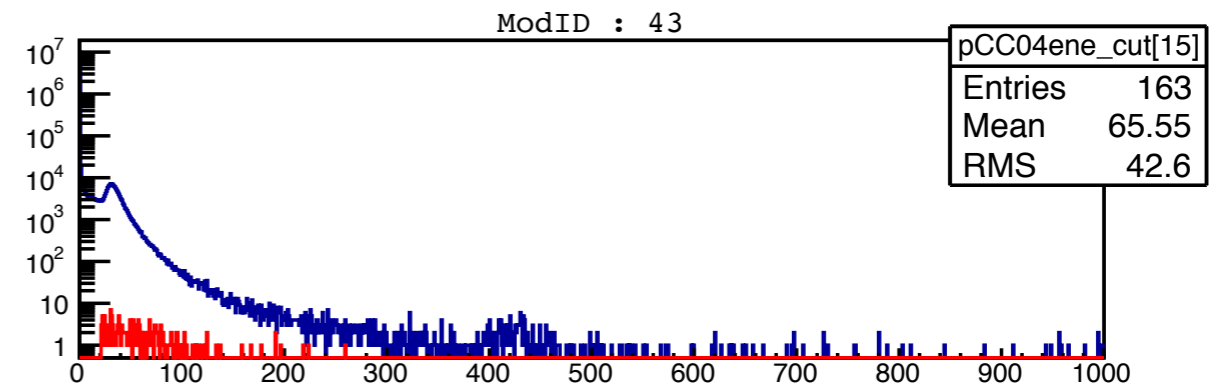
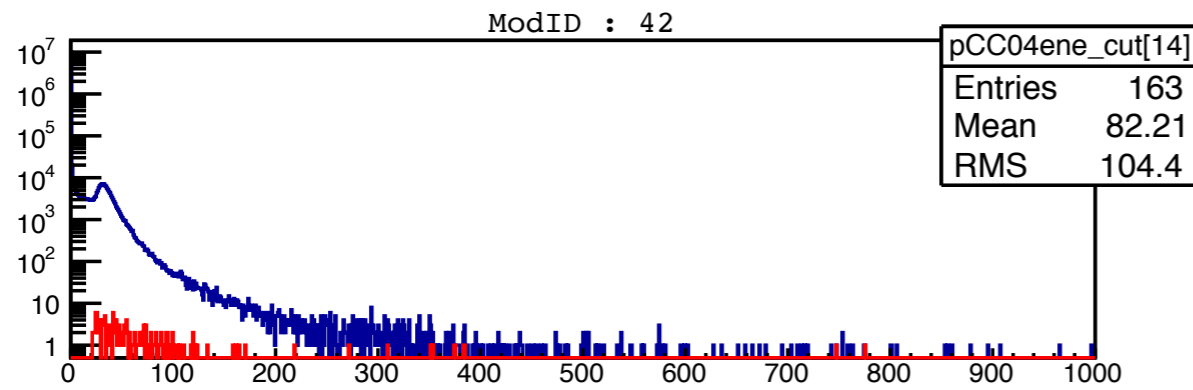
Event selection

Top



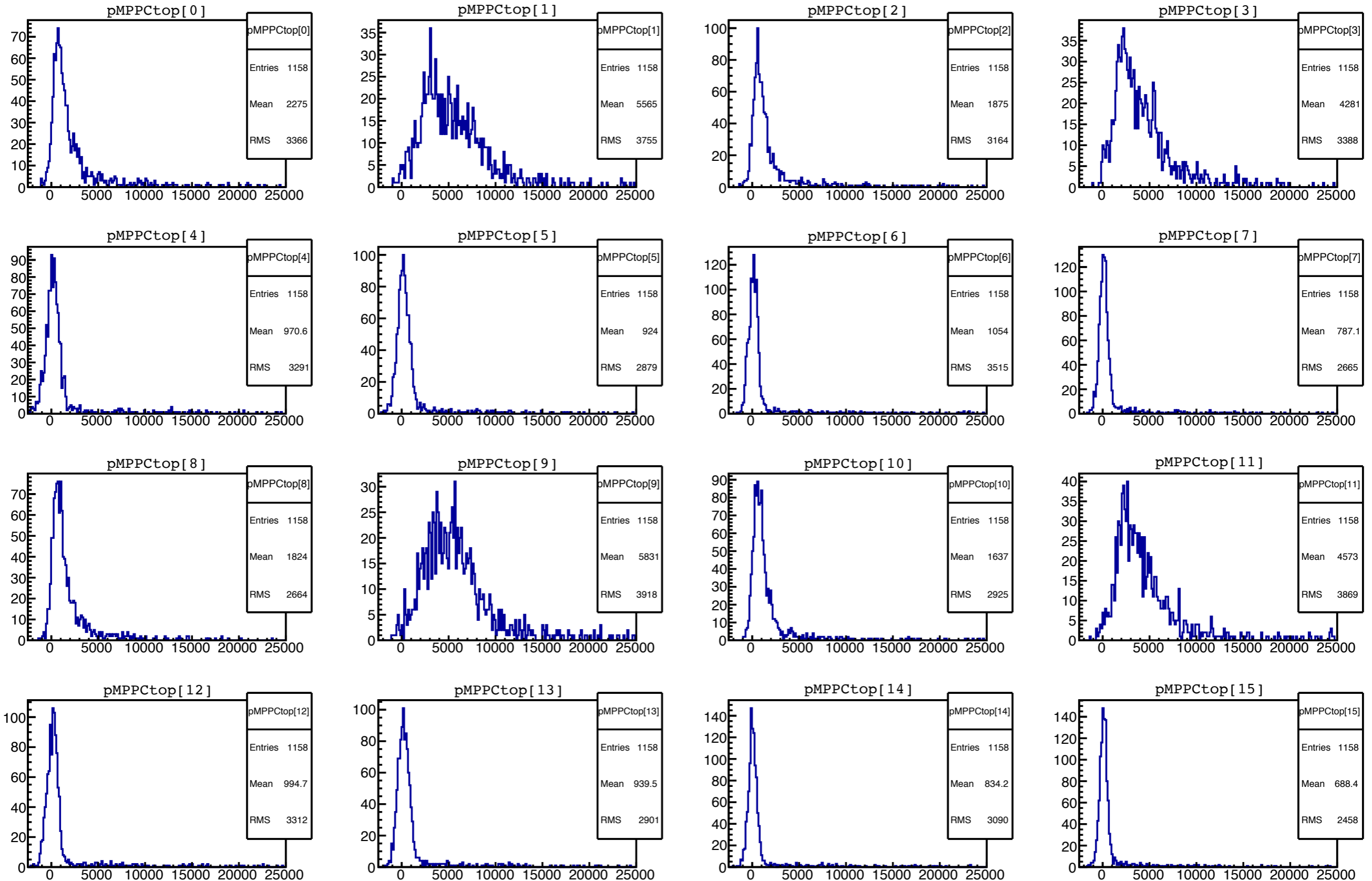
Event selection

Bottom



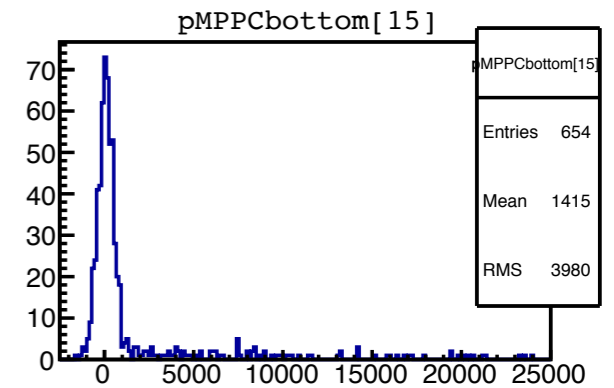
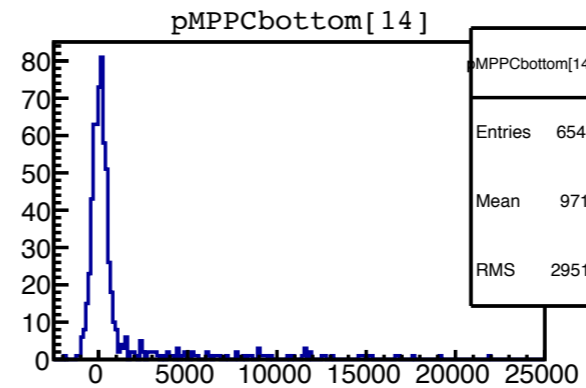
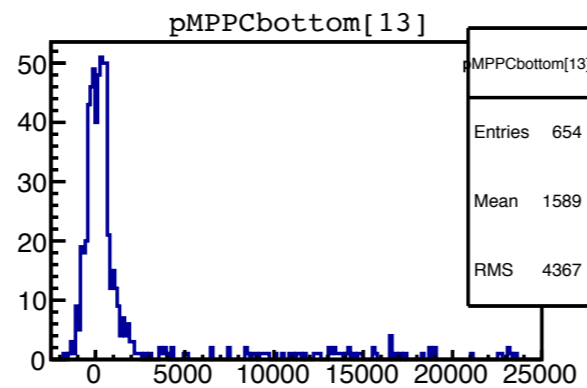
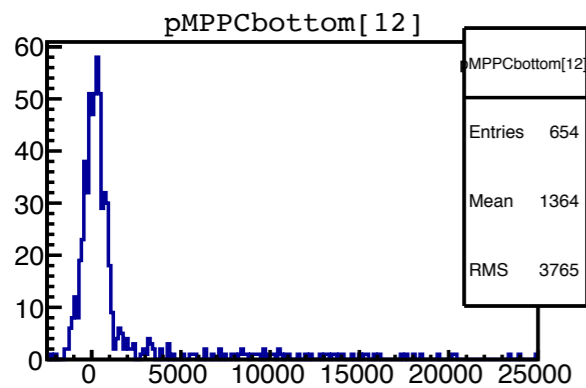
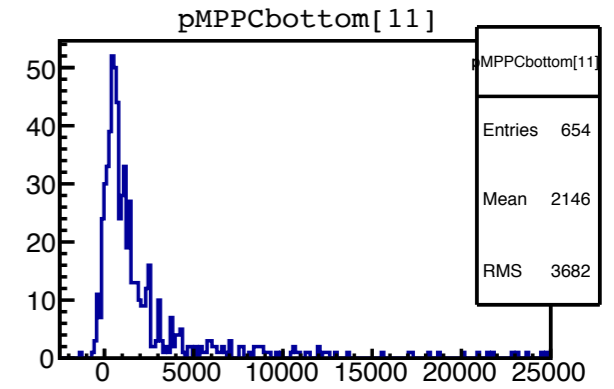
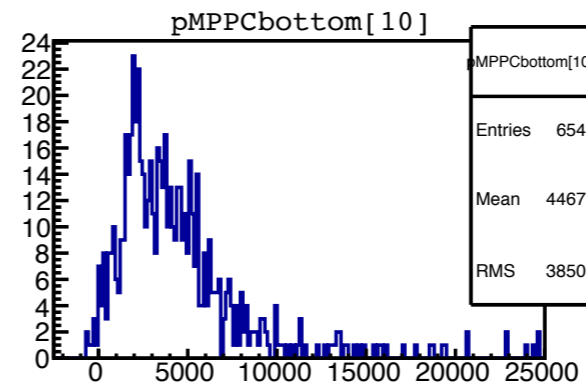
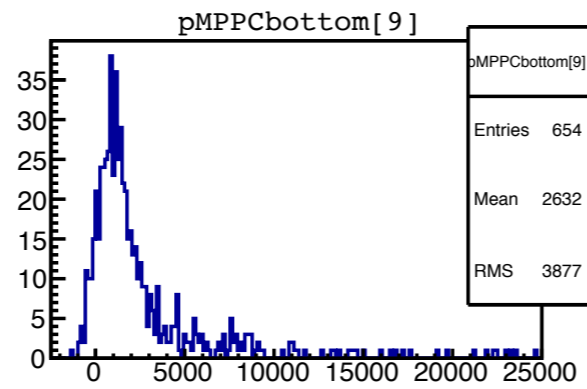
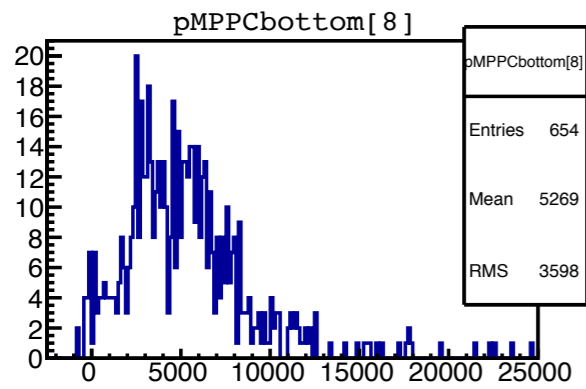
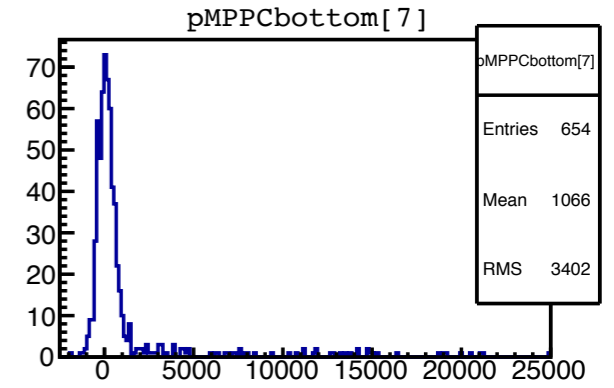
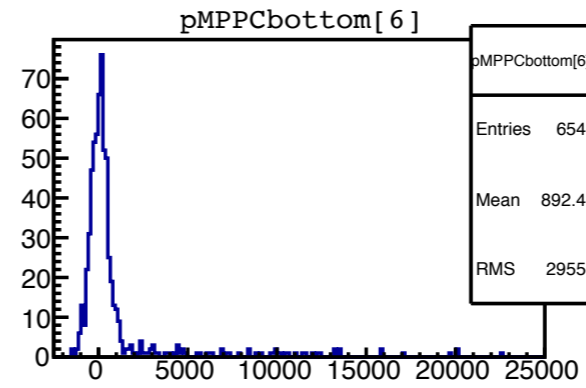
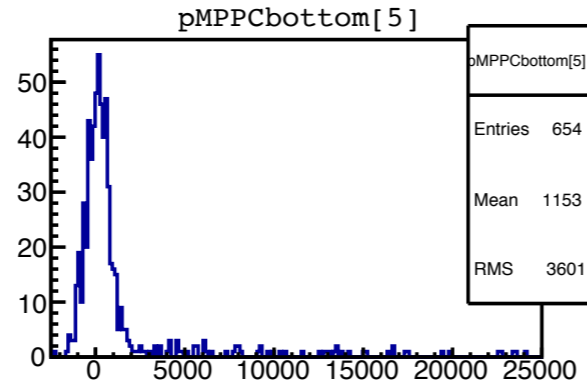
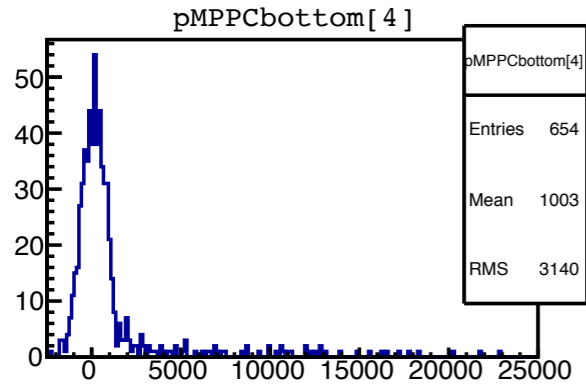
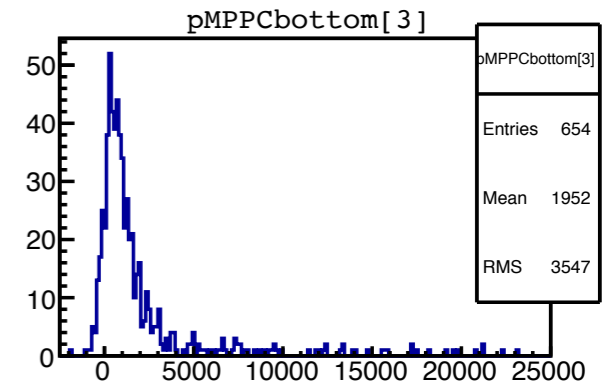
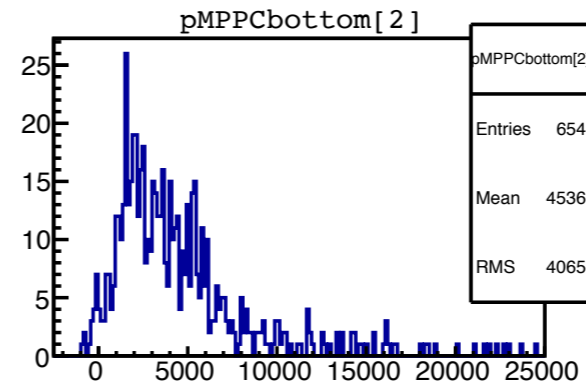
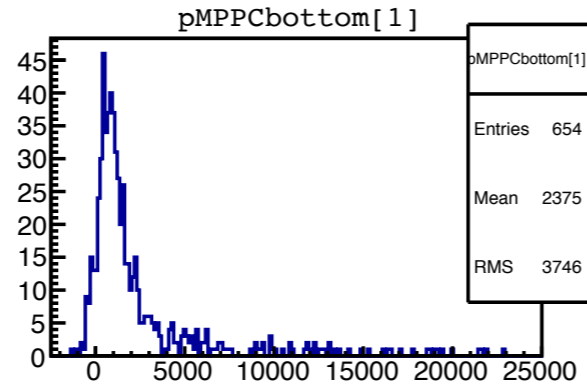
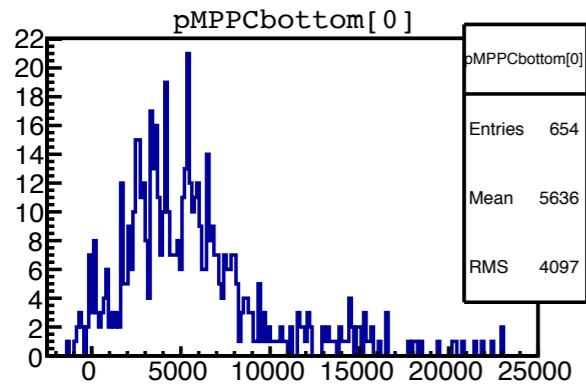
DCV1 IntegratedADC Distribution

Top



DCV1 IntegratedADC Distribution

Bottom



DCV1 IntegratedADC Distribution

Center

