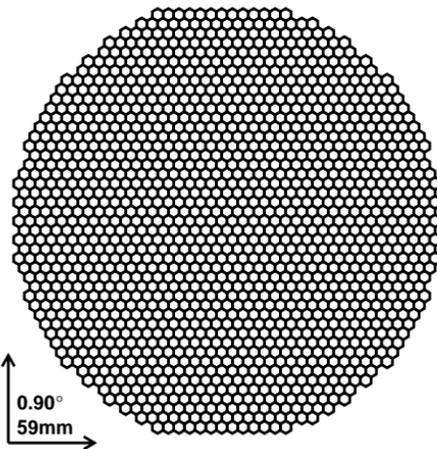
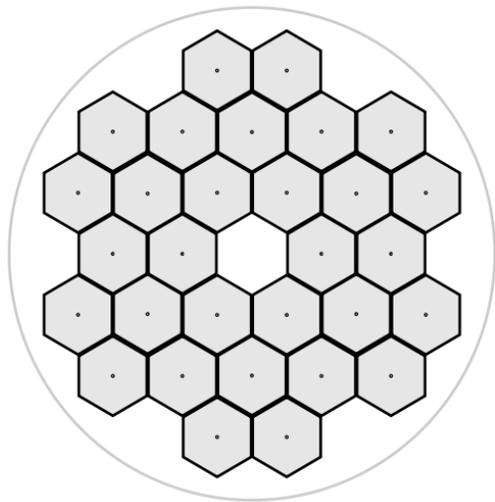
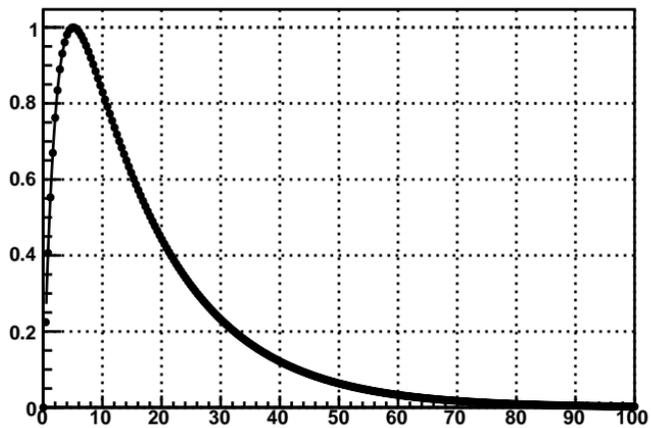
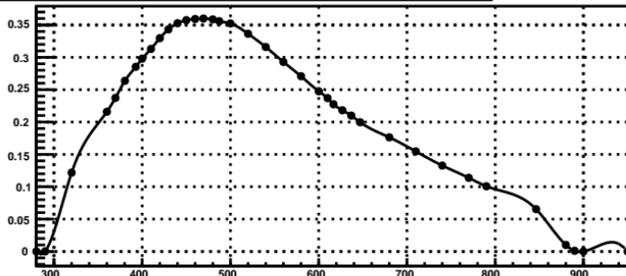


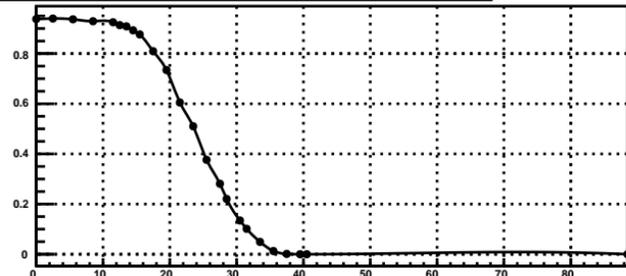
$$(1.626 \cdot (1 - \exp(-0.3803 \cdot x))) \cdot \exp(-0.0649 \cdot x)$$



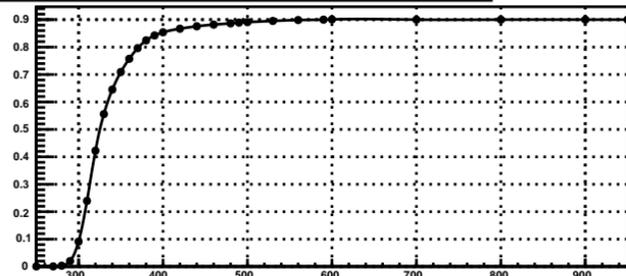
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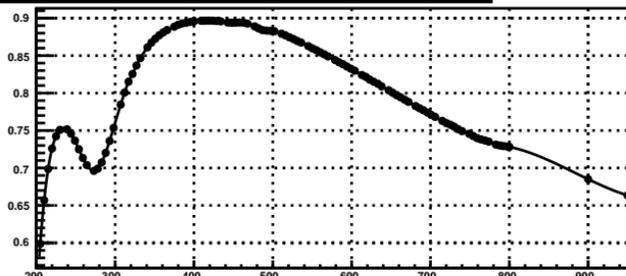
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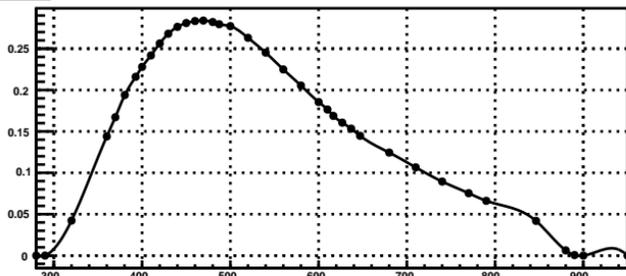
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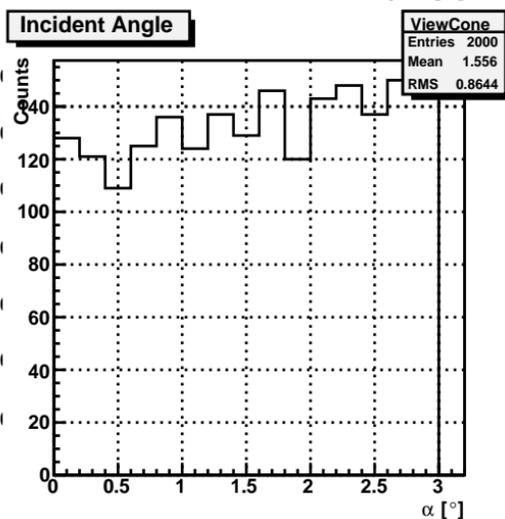
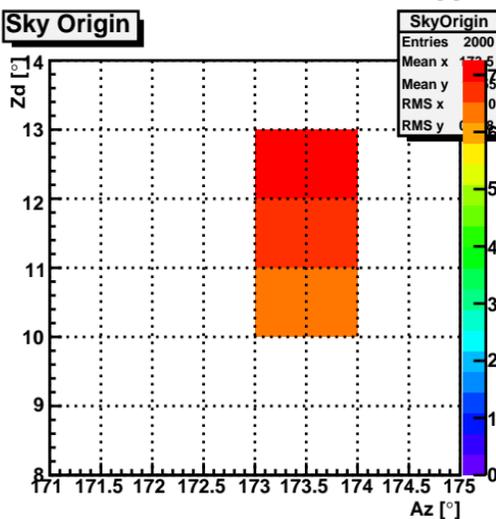
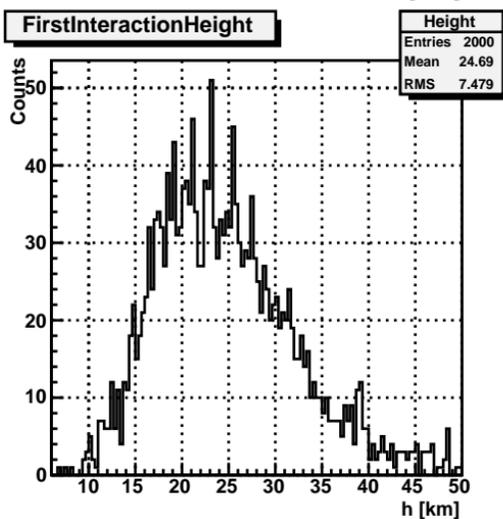
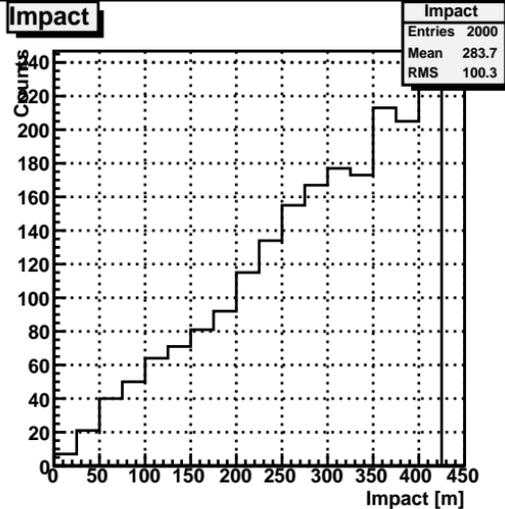
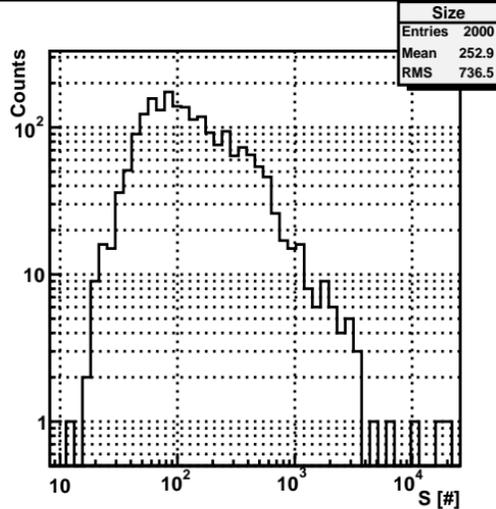
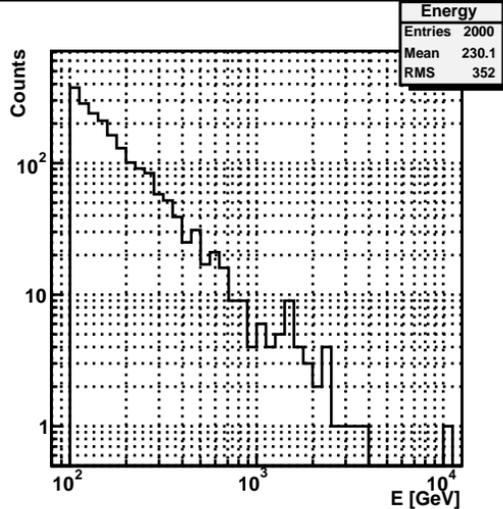


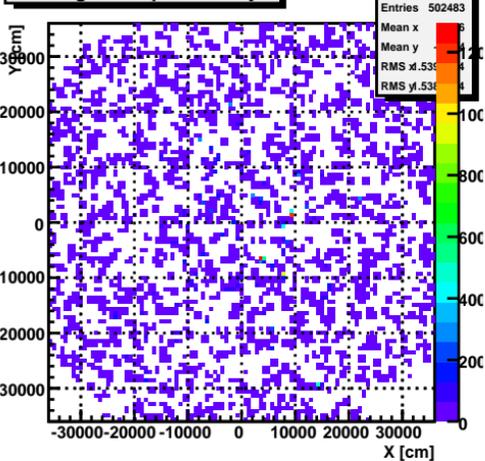
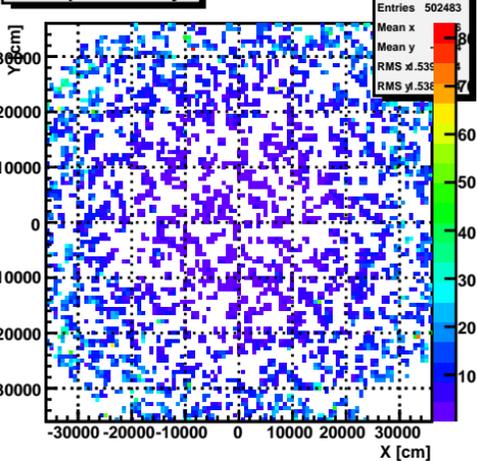
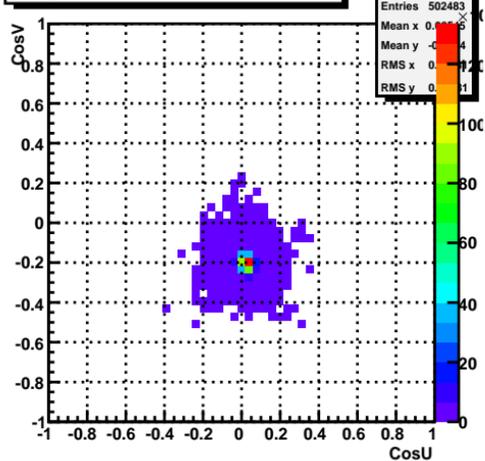
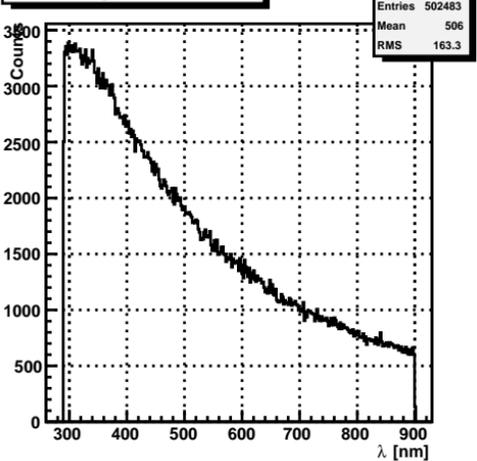
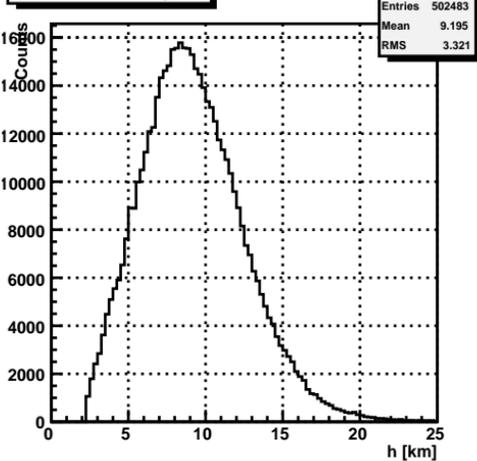
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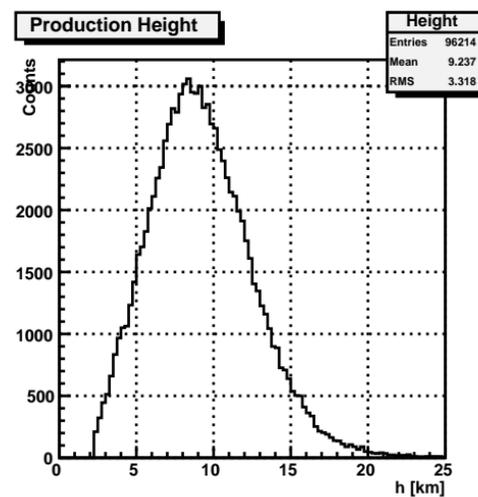
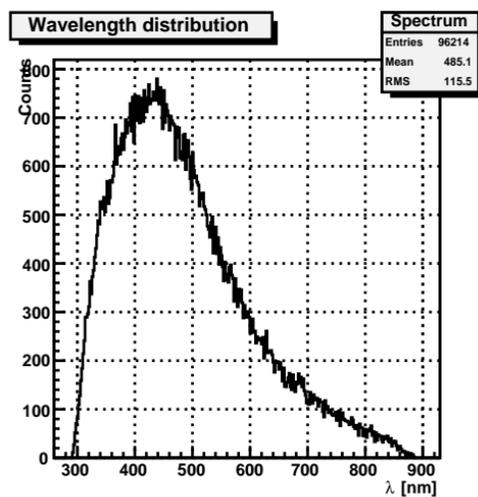
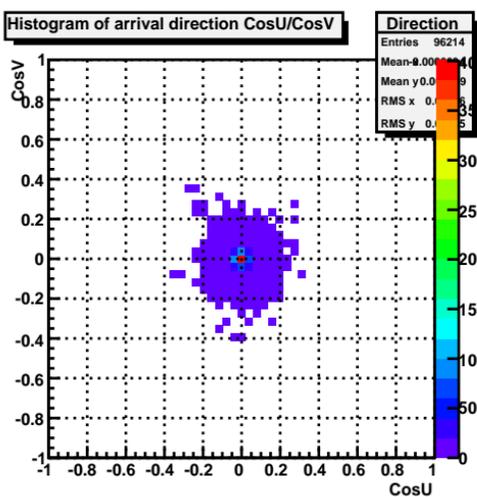
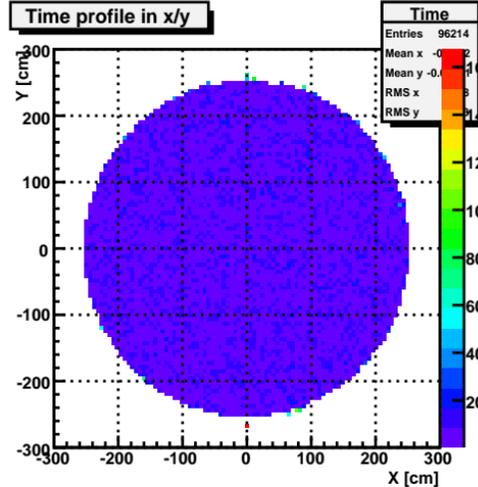
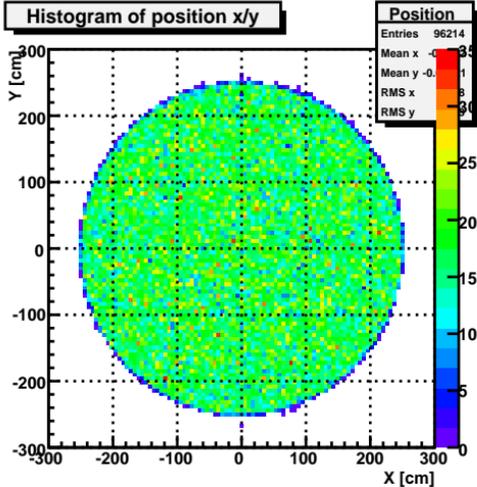


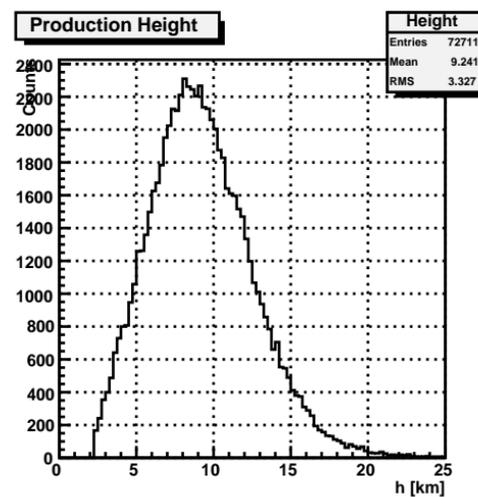
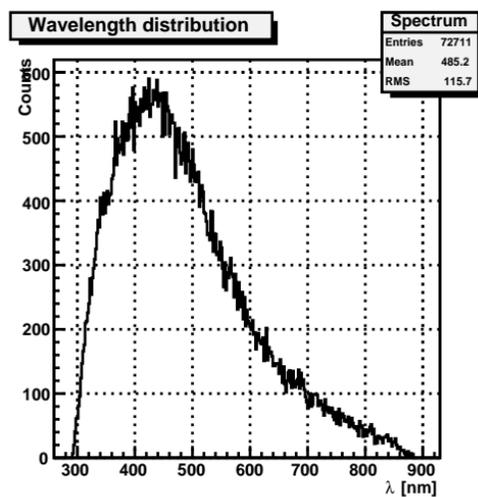
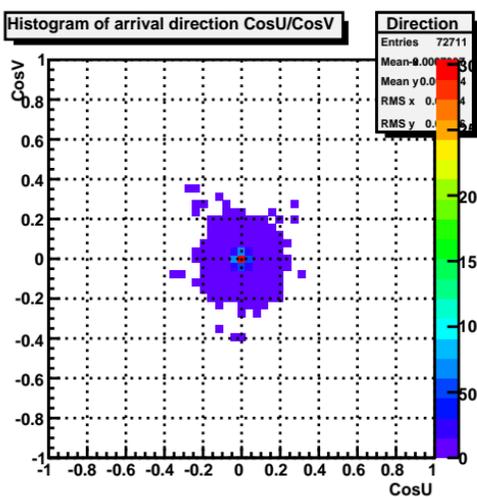
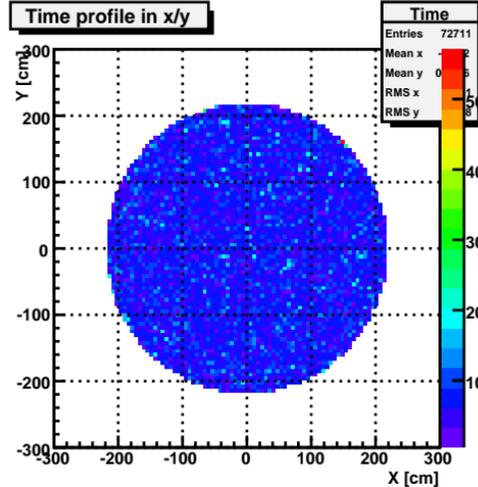
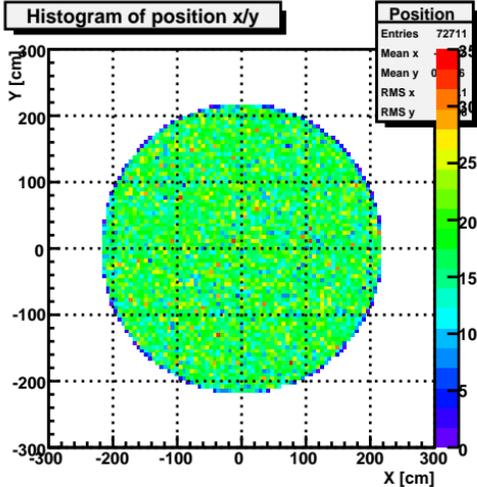
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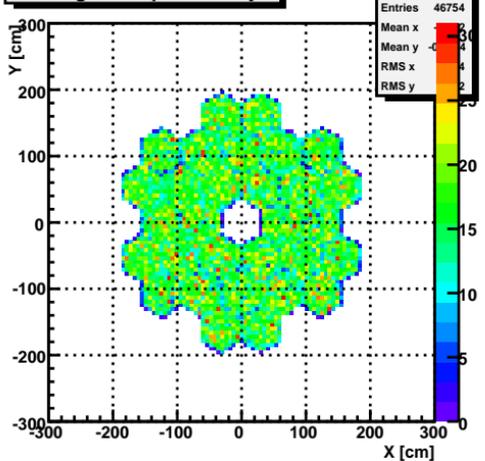
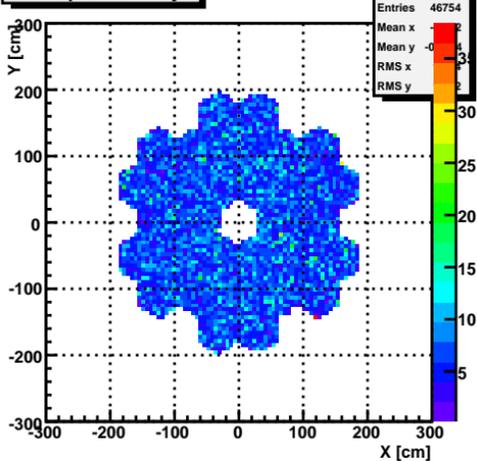
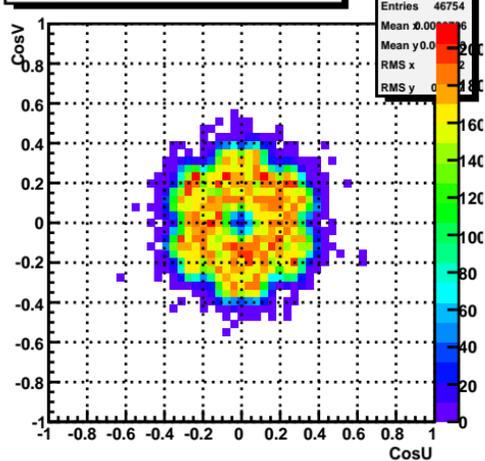
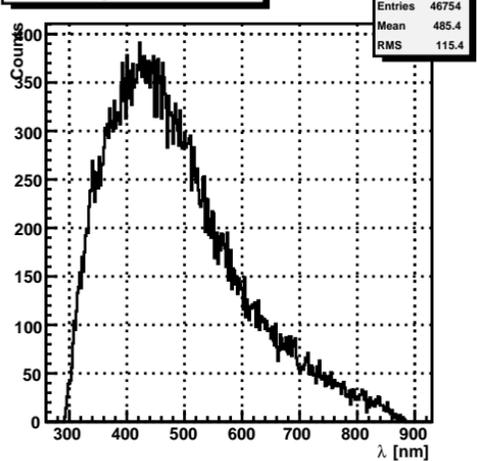
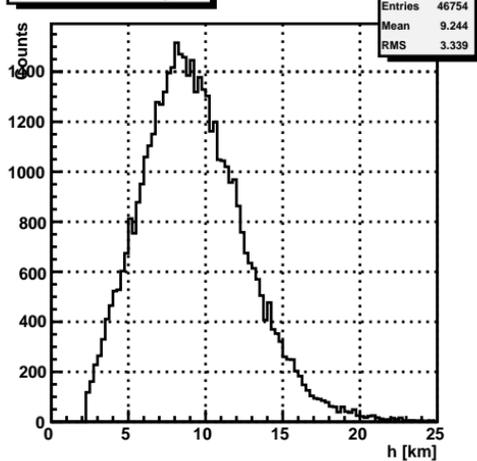


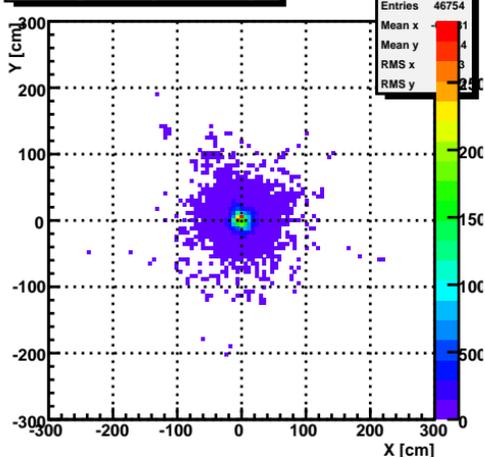
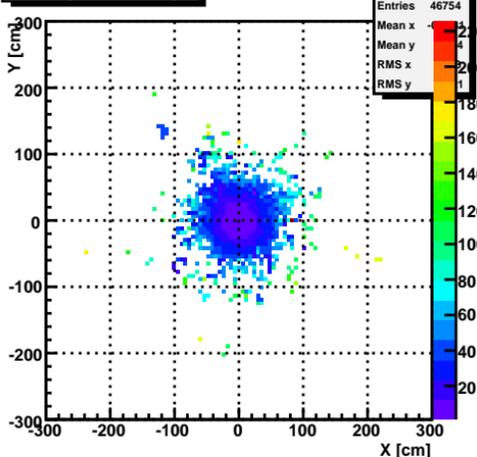
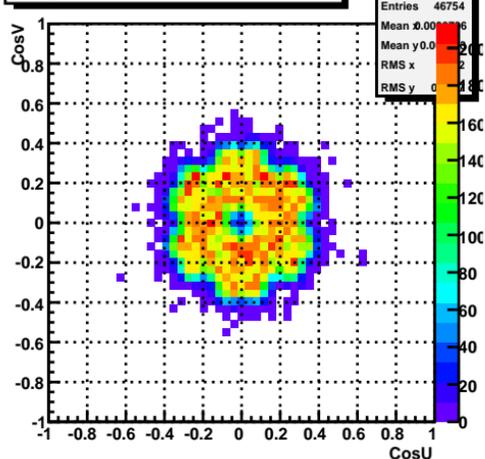
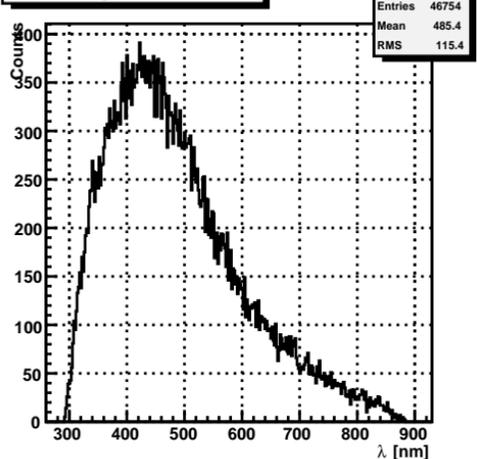
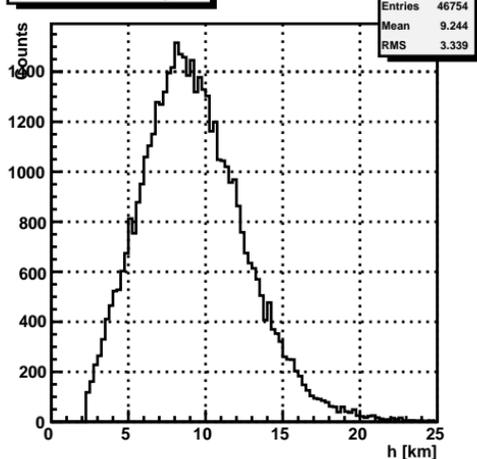


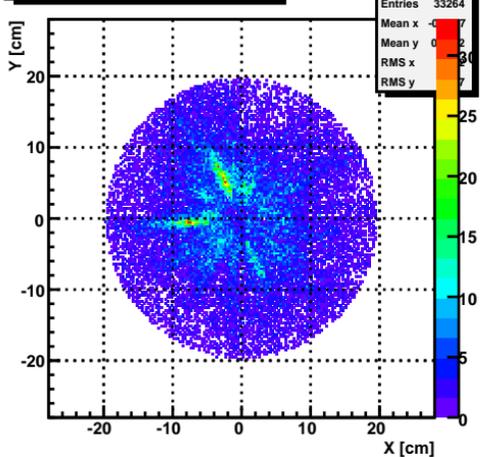
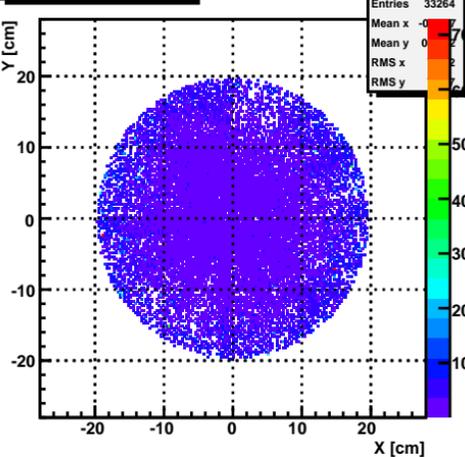
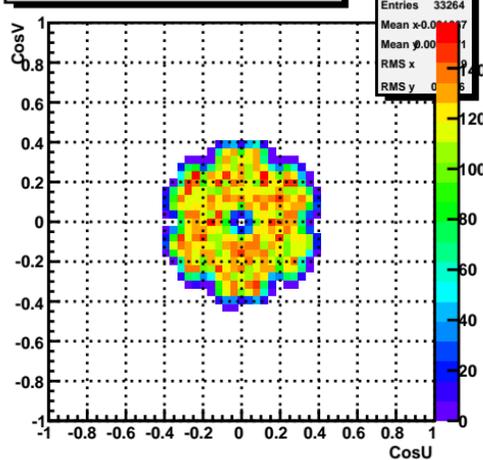
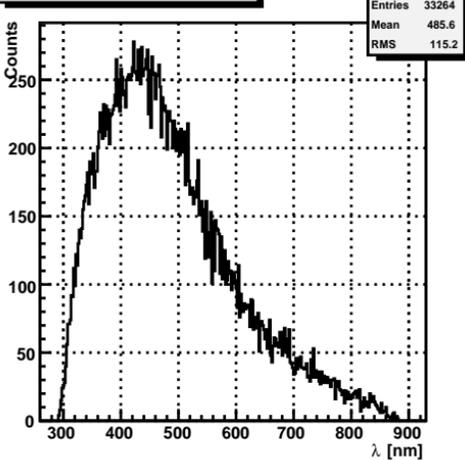
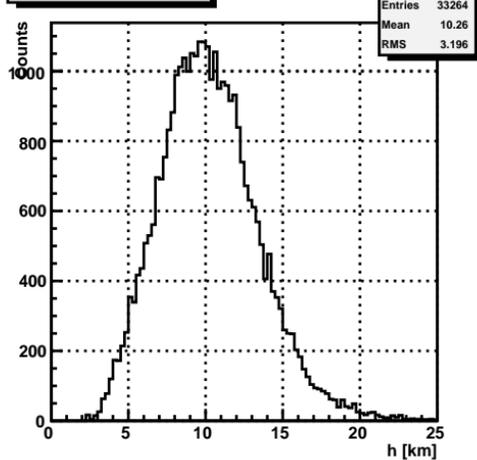
Histogram of position x/y**Time profile in x/y****Histogram of arrival direction CosU/CosV****Wavelength distribution****Production Height**

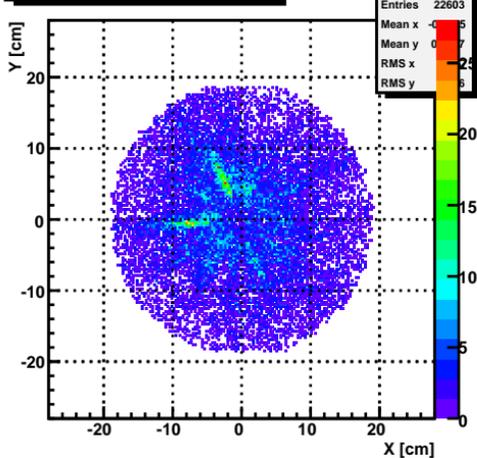
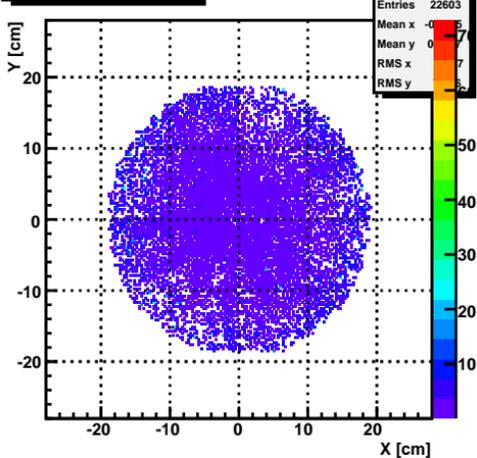
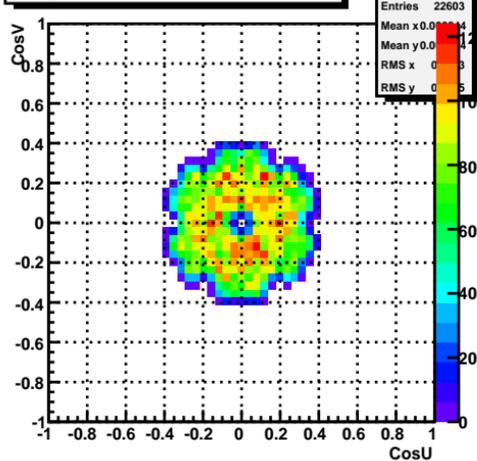
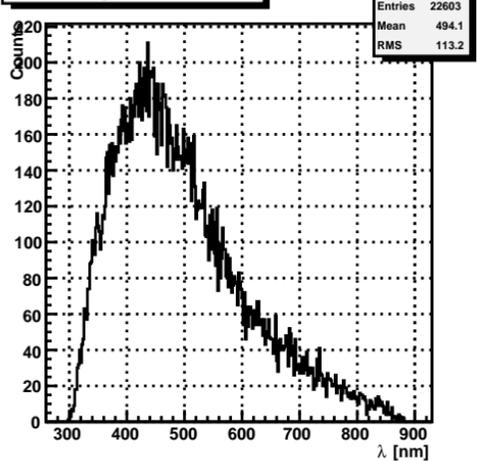
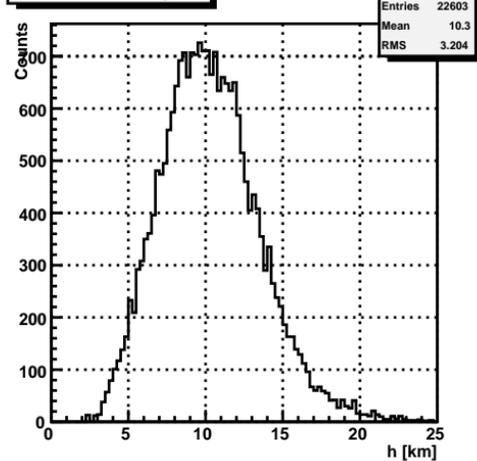


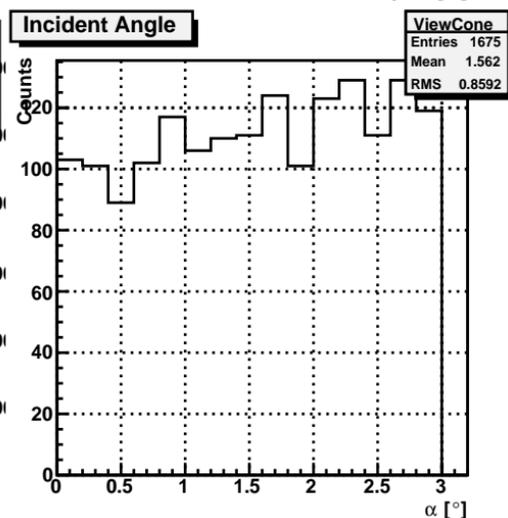
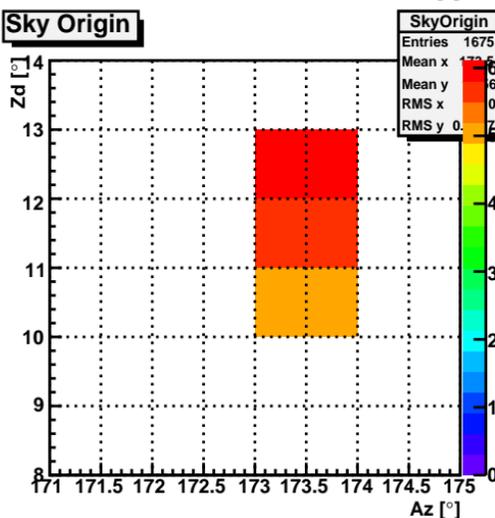
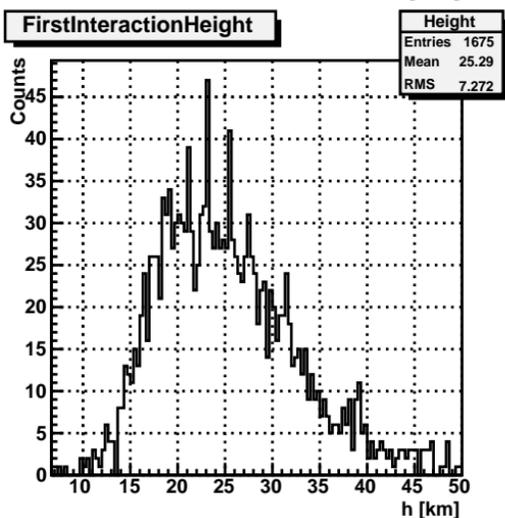
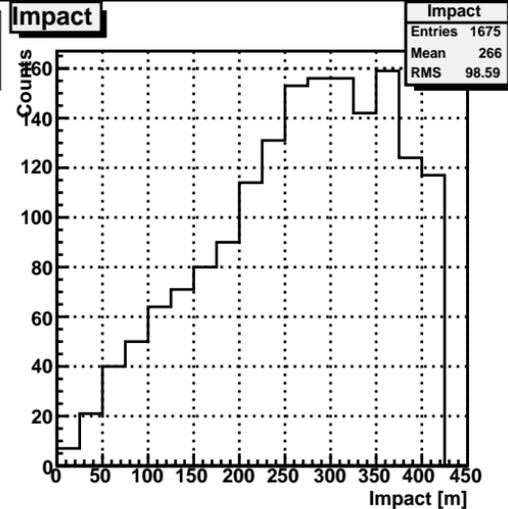
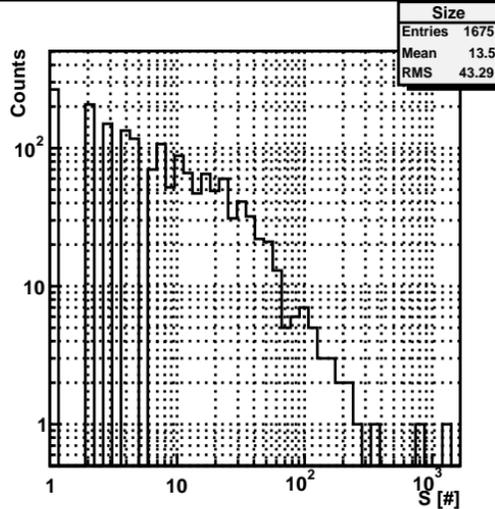
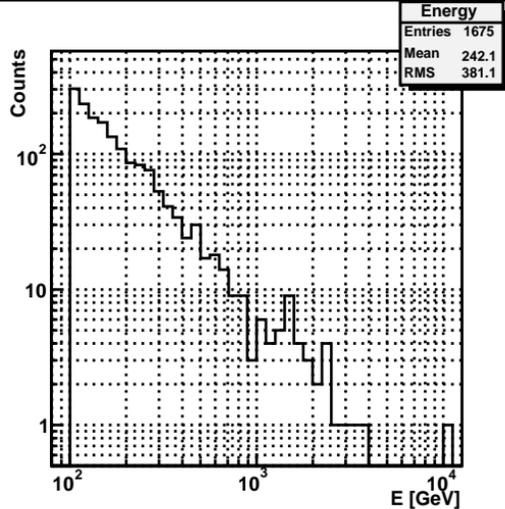


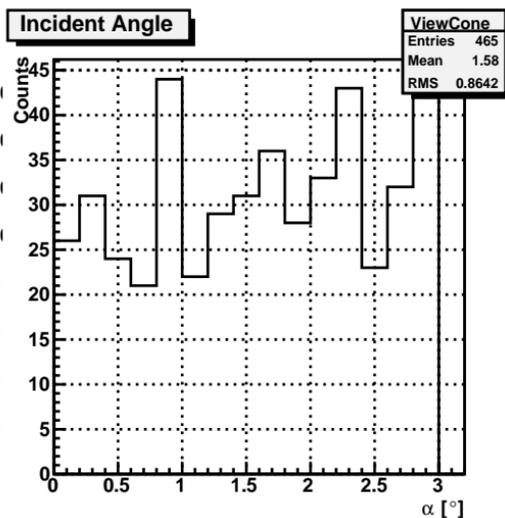
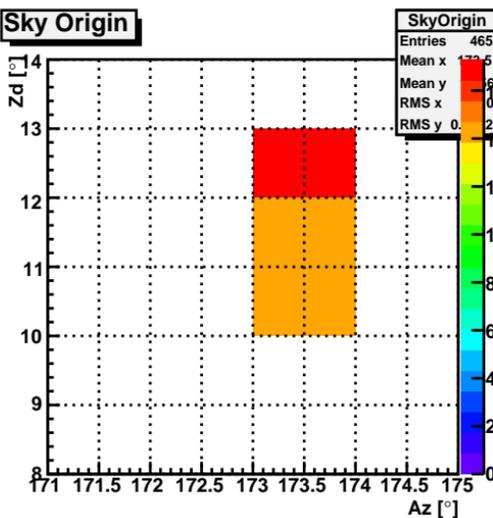
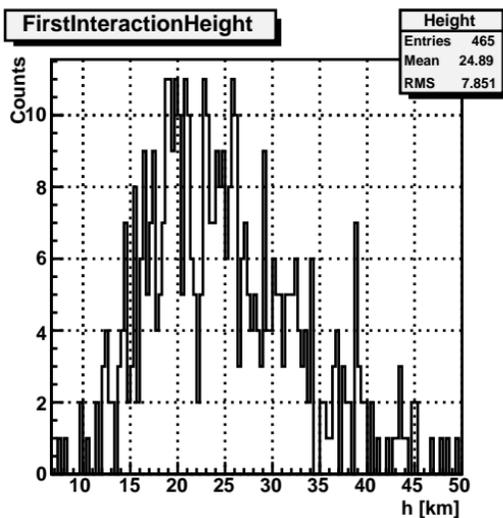
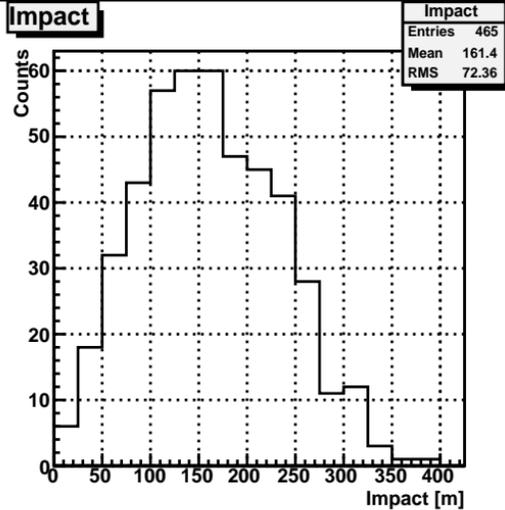
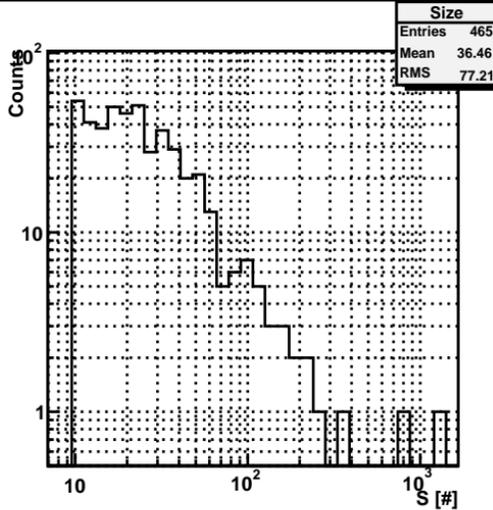
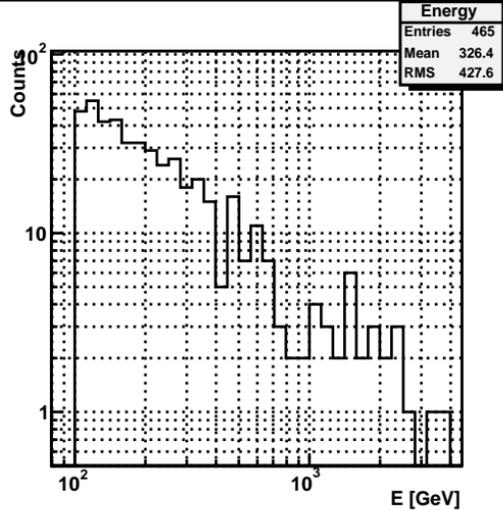
Histogram of position x/y**Time profile in x/y****Histogram of arrival direction CosU/CosV****Wavelength distribution****Production Height**

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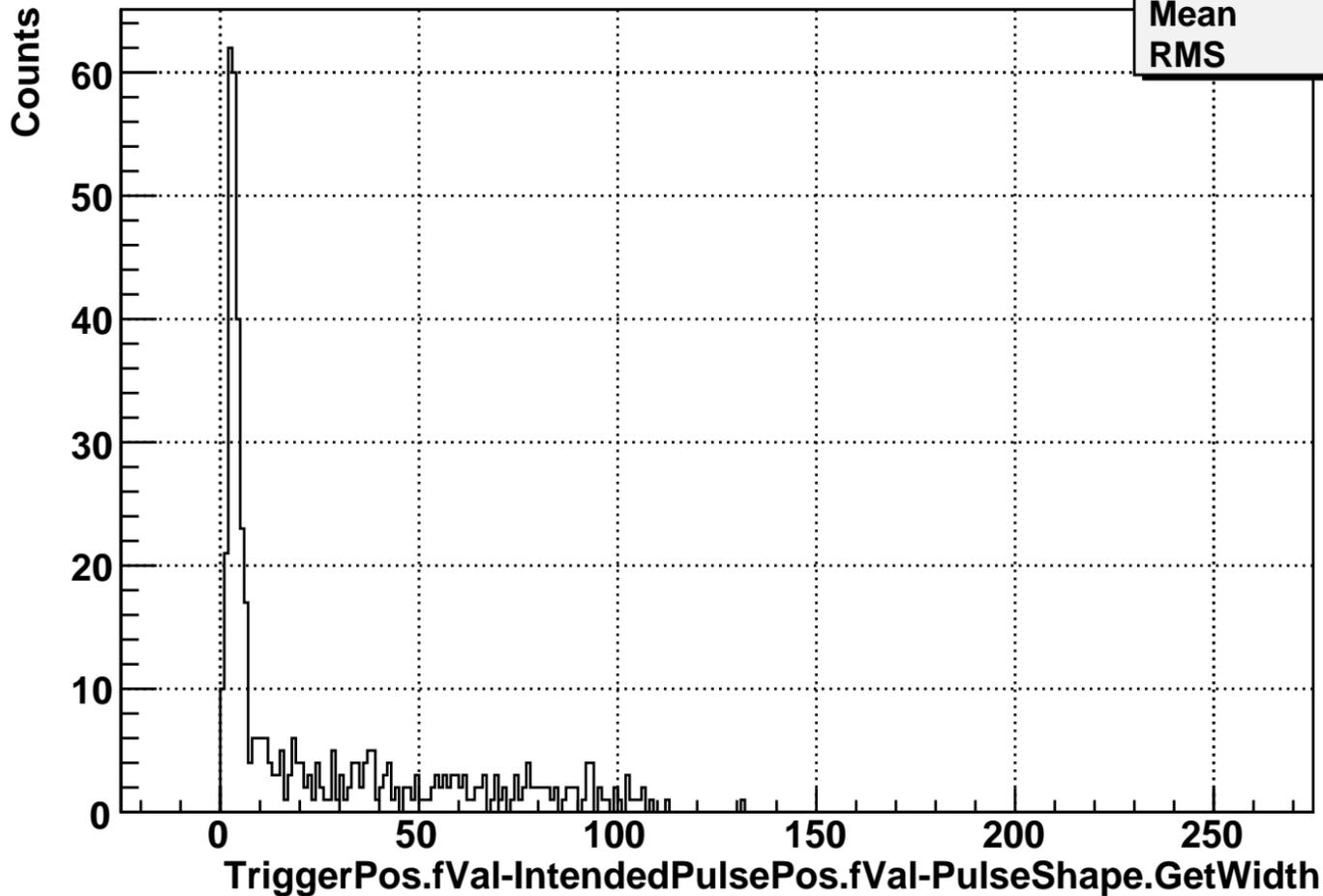
Histogram of position x/y**Time profile in x/y****Histogram of arrival direction CosU/CosV****Wavelength distribution****Production Height**



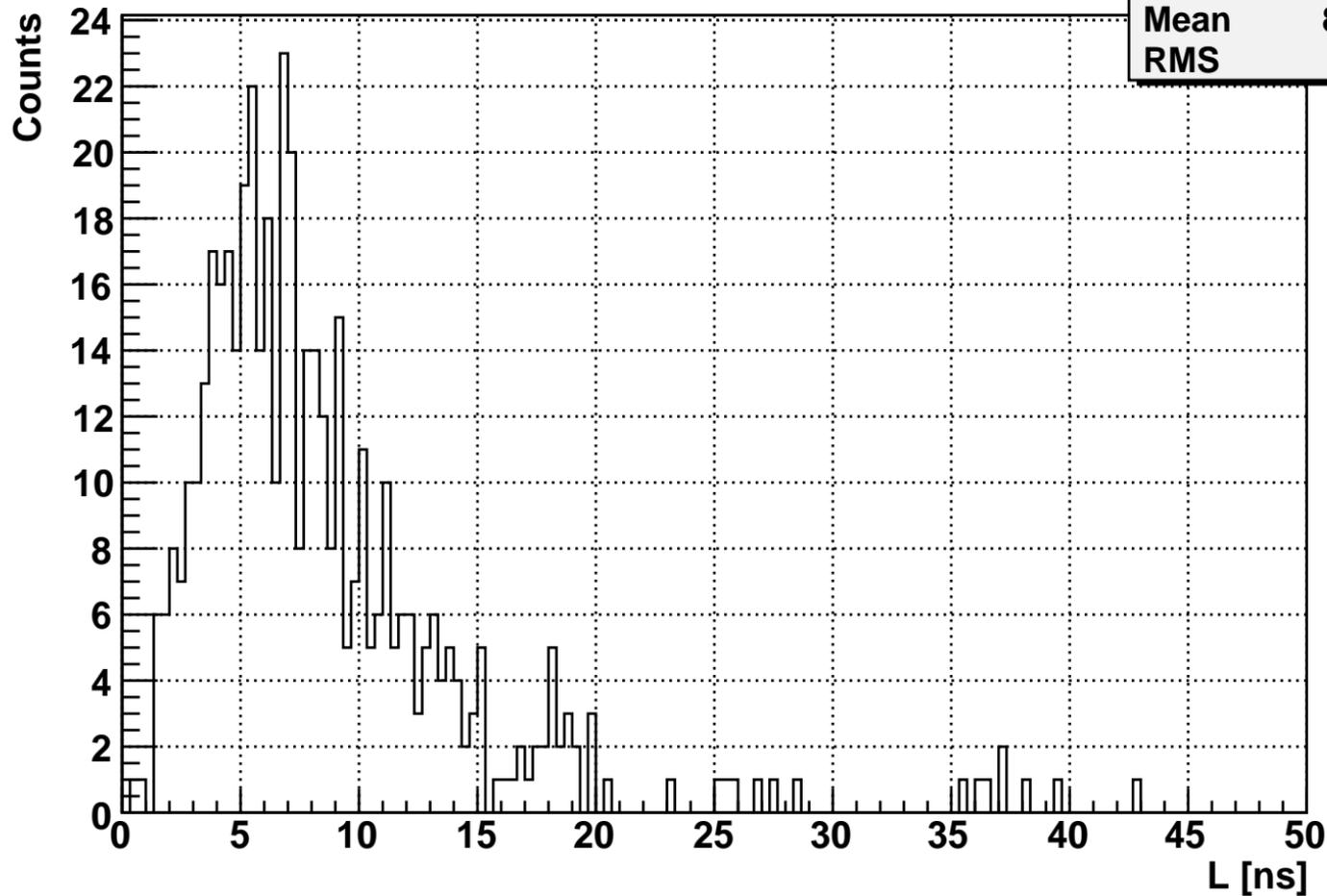


Trigger position w.r.t. the first photon hitting a detector

TrigPos	
Entries	465
Mean	25.61
RMS	30.66

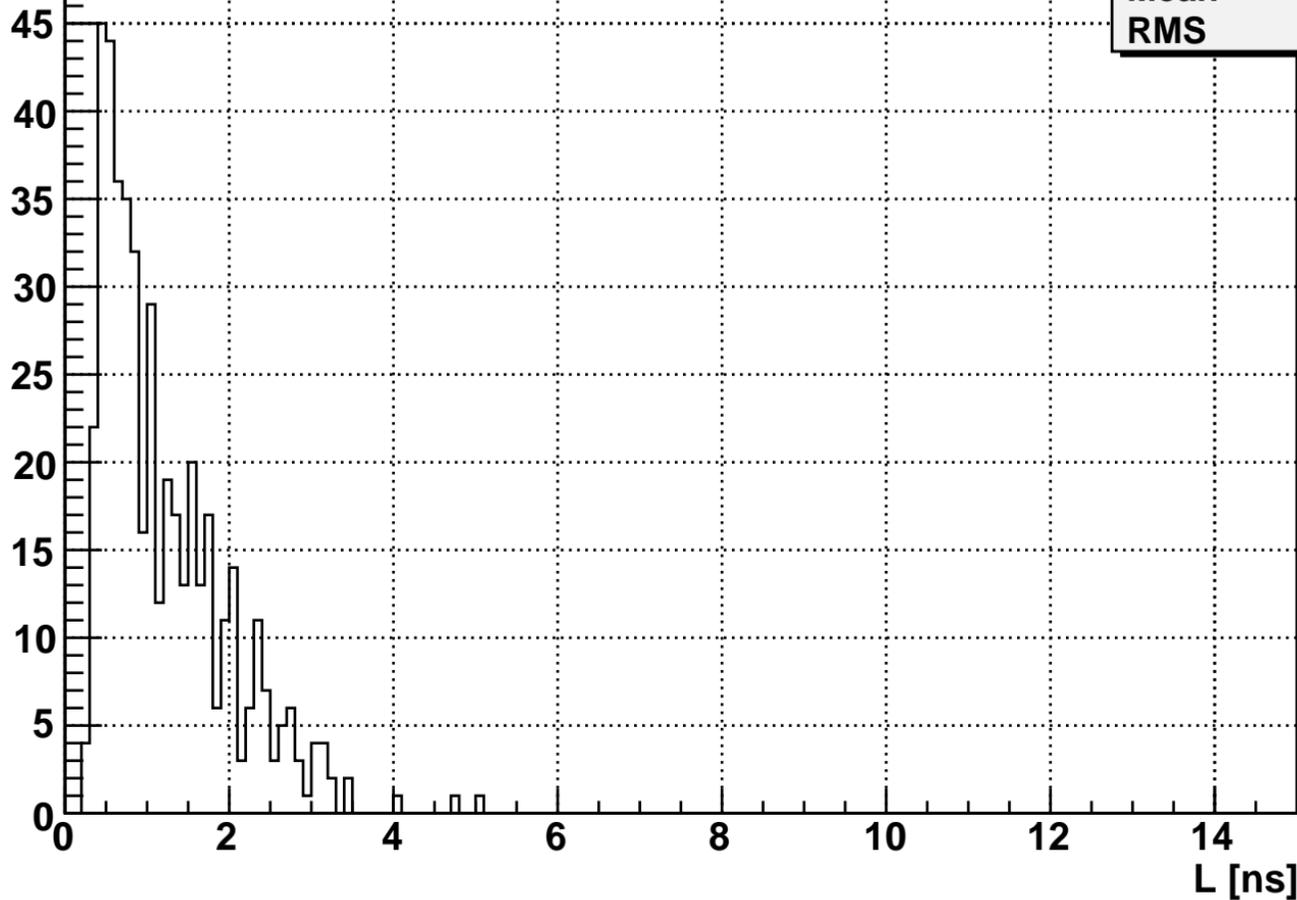


Time between first and last photon hitting a detector

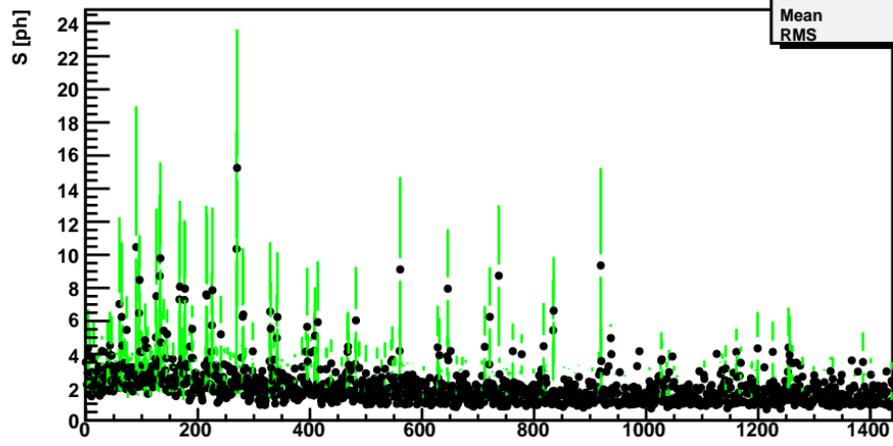


Median deviation (1σ)

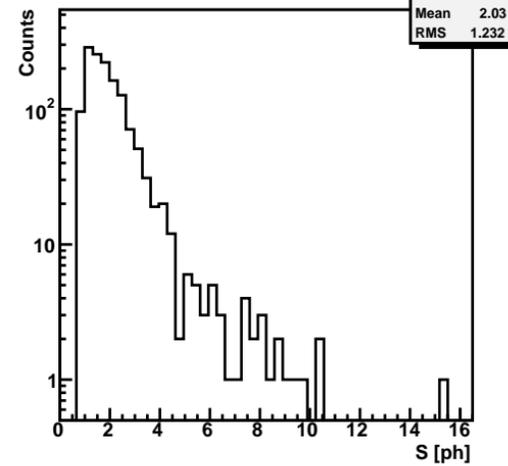
Counts



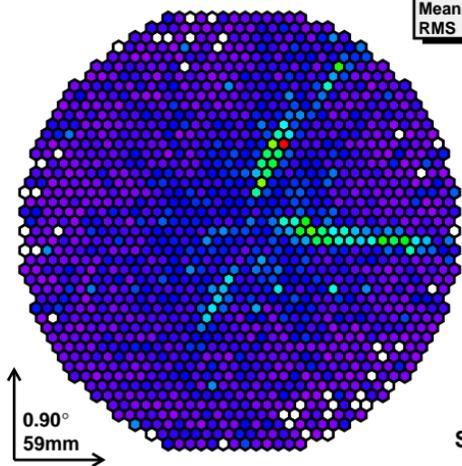
MedLength	
Entries	465
Mean	1.209
RMS	0.77

Average signal (absolute)

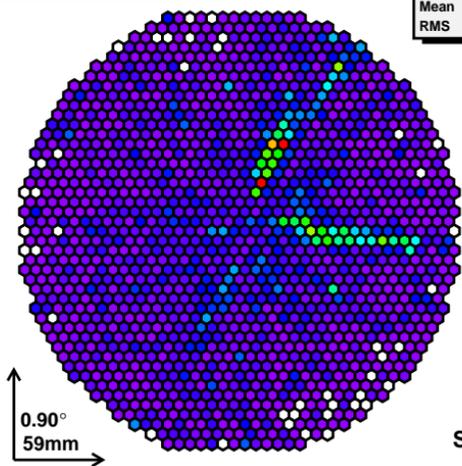
Signal:avg	
Entries	465
Mean	2.03
RMS	1.232

Projection

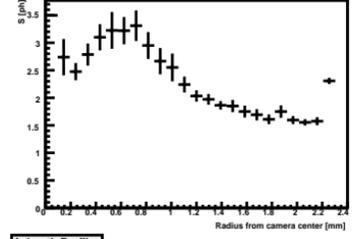
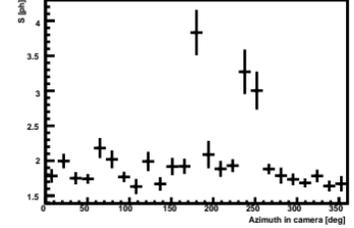
proj	
Entries	1398
Mean	2.03
RMS	1.232

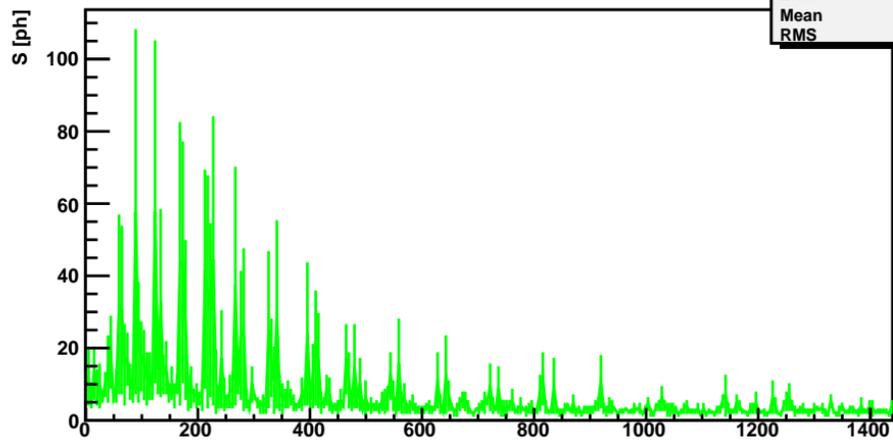
Average signal (absolute)

Signal:avg	
Entries	465
Mean	2.03
RMS	1.232

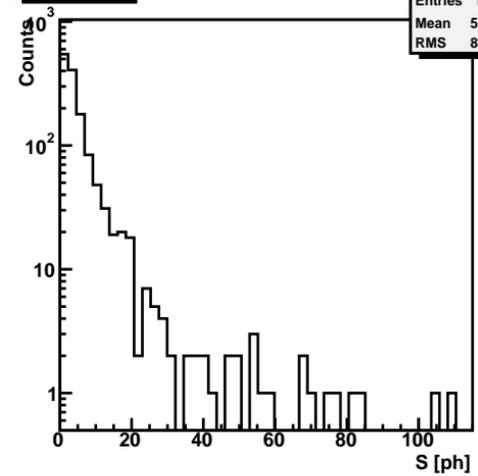
Sqrt(Variance)/Sqrt(n)

err	
Entries	2
Mean	0.5431
RMS	0.7993

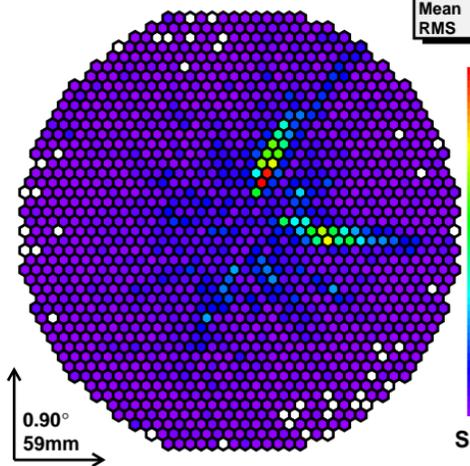
Radial Profile**Azimuth Profile**

Maximum signal (absolute)

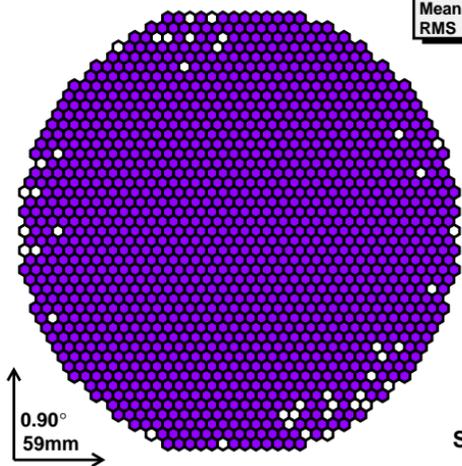
MaxSignal:avg	
Entries	465
Mean	5.542
RMS	8.952

Projection

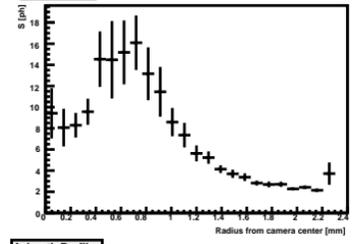
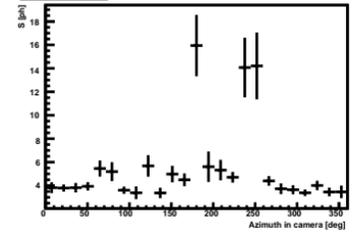
proj	
Entries	1398
Mean	5.542
RMS	8.952

Maximum signal (absolute)

MaxSignal:avg	
Entries	465
Mean	5.542
RMS	8.952

Sqrt(Variance)

err	
Entries	2
Mean	0
RMS	0

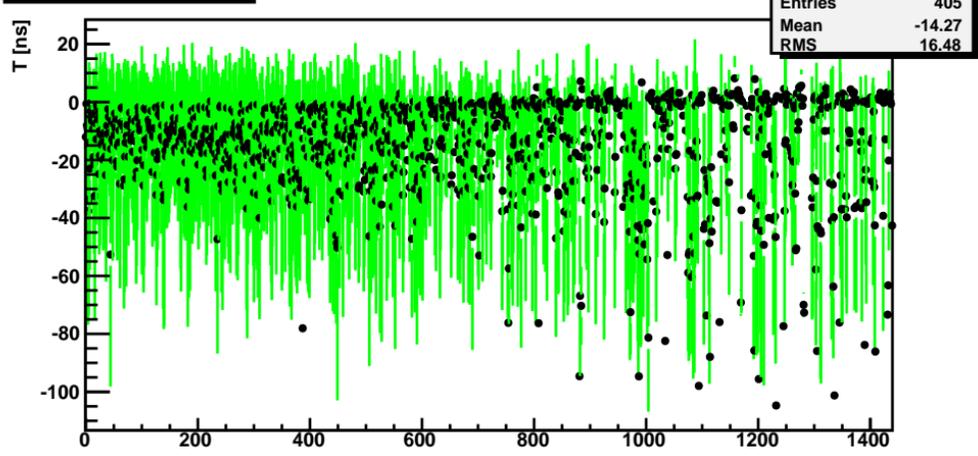
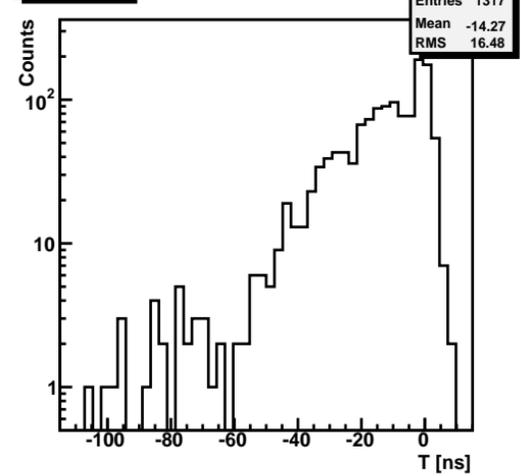
Radial Profile**Azimuth Profile**

0.90°
59mm

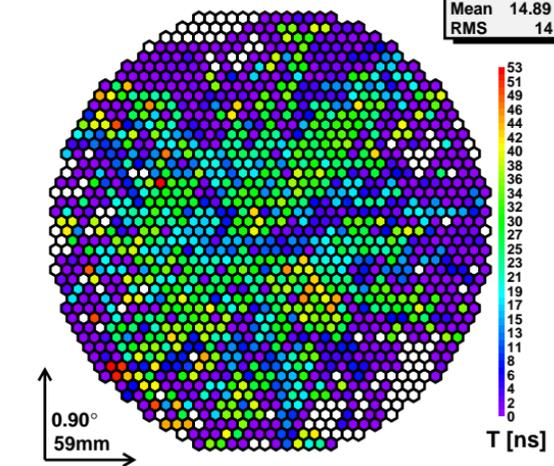
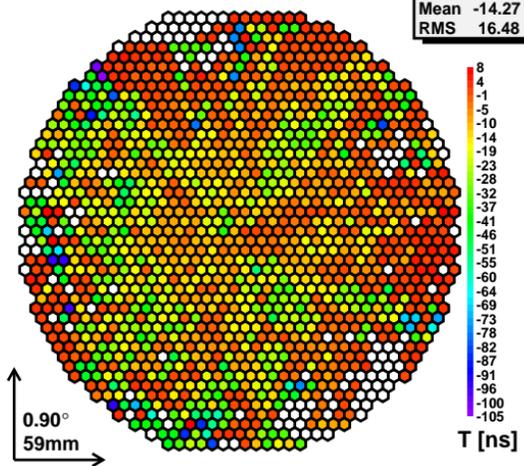
0.90°
59mm

S [ph]

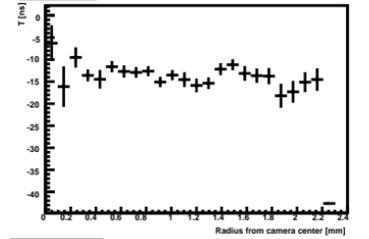
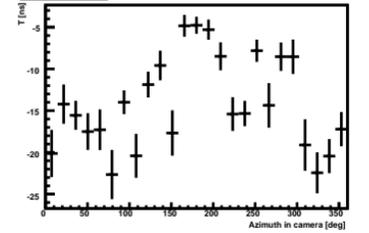
S [ph]

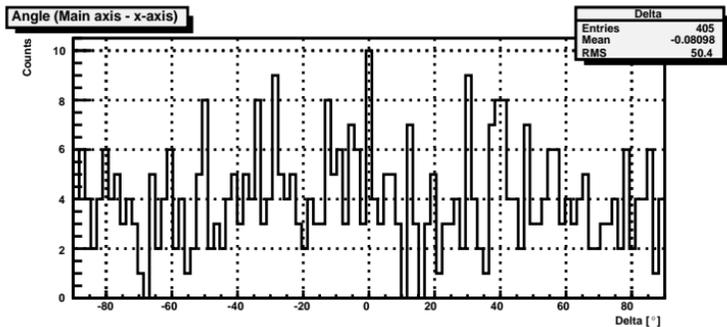
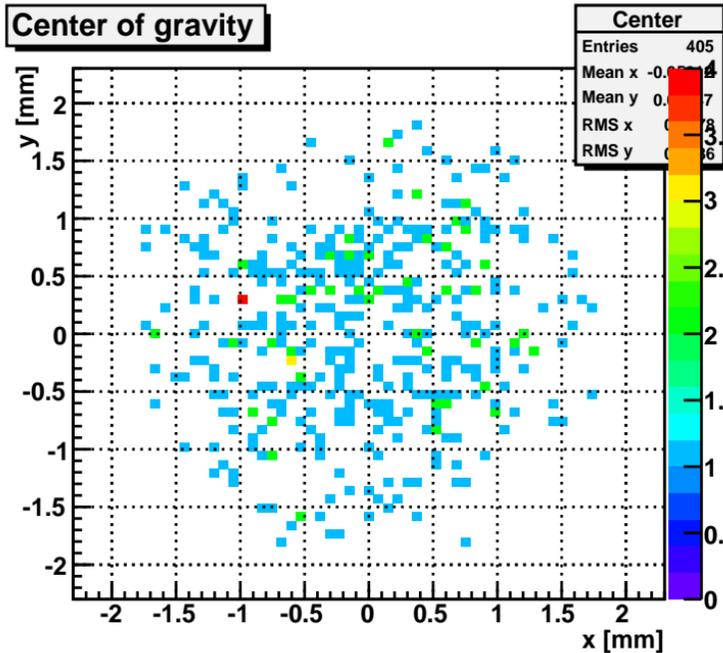
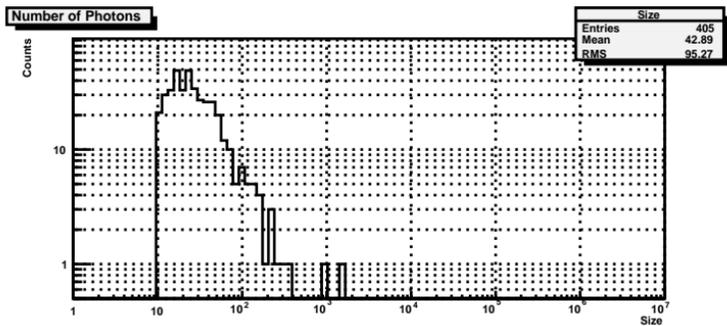
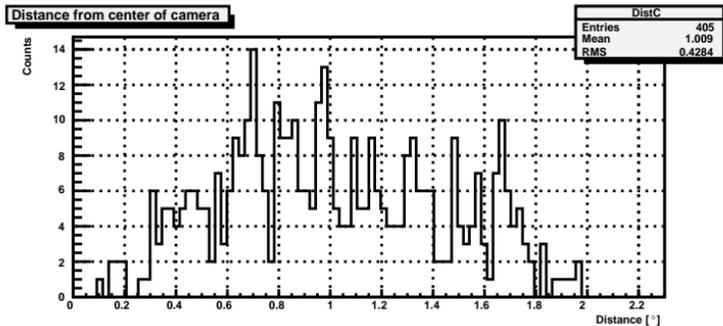
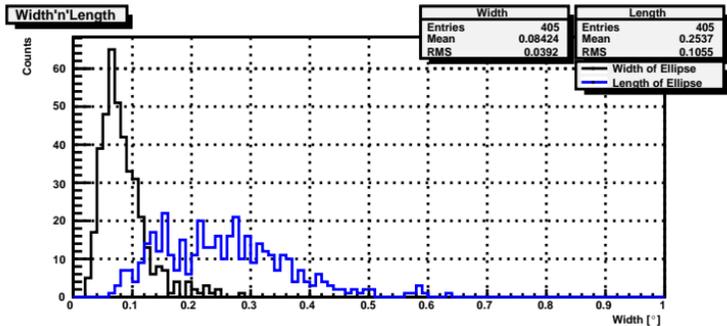
Time after first photon**Projection****Time after first photon**

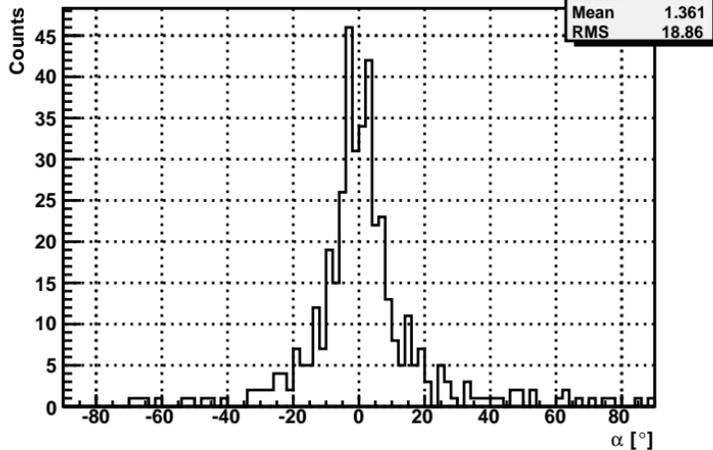
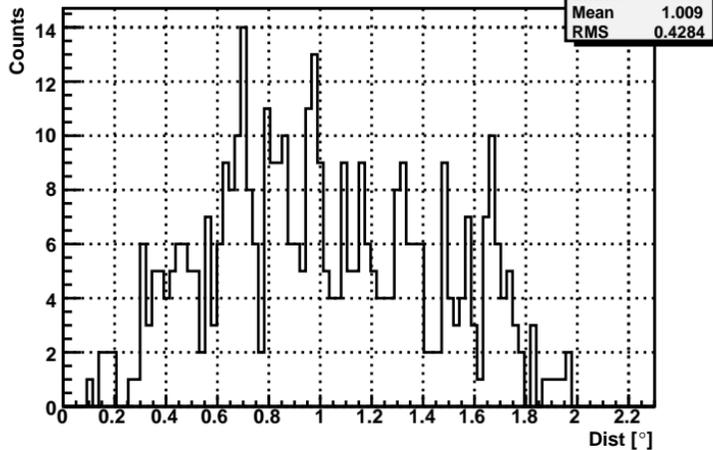
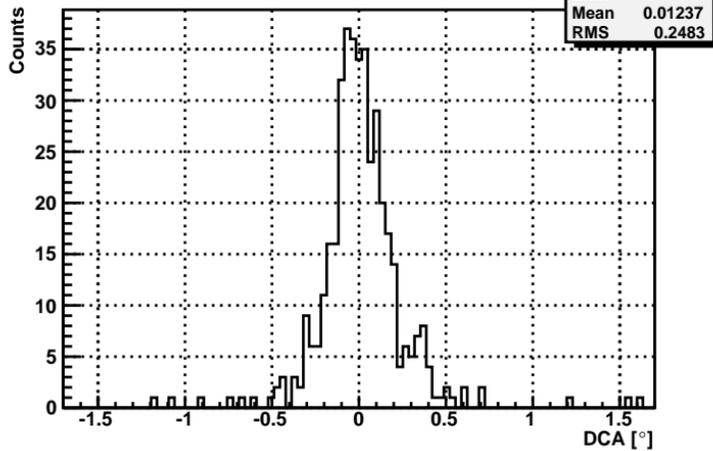
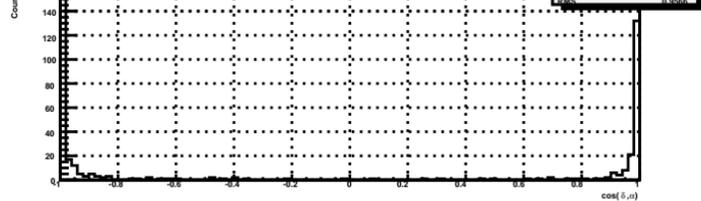
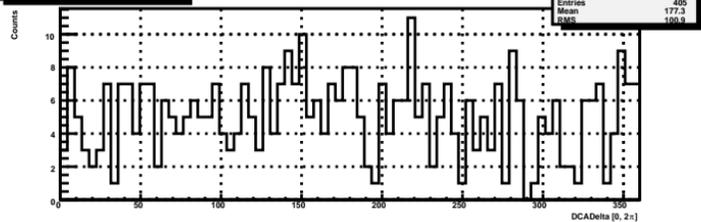
ArrTm:avg	
Entries	405
Mean	-14.27
RMS	16.48

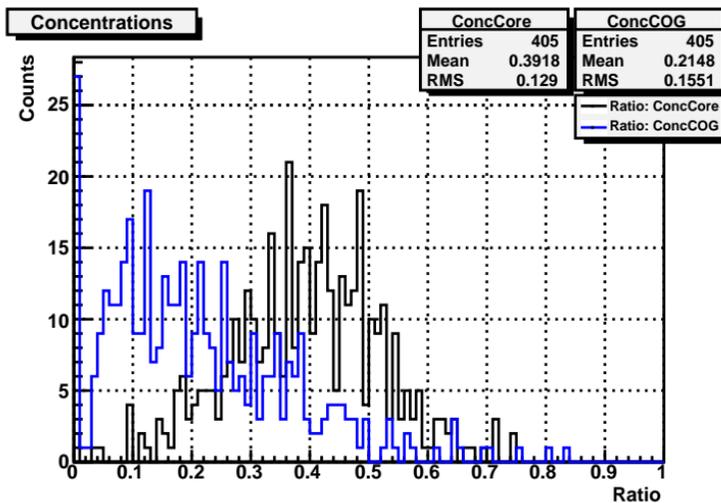
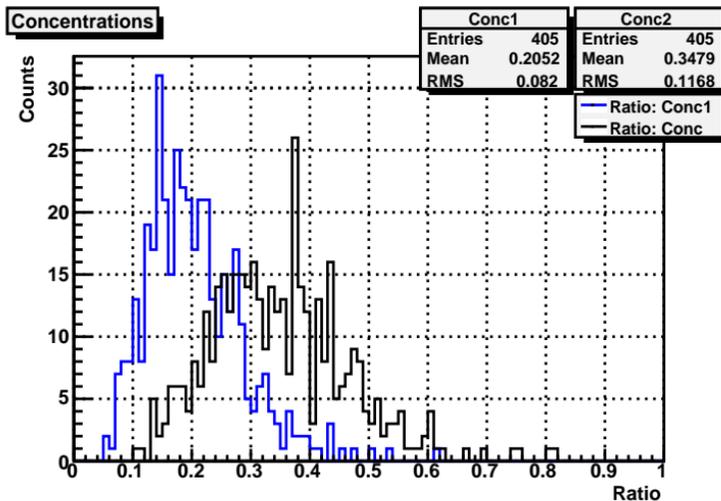
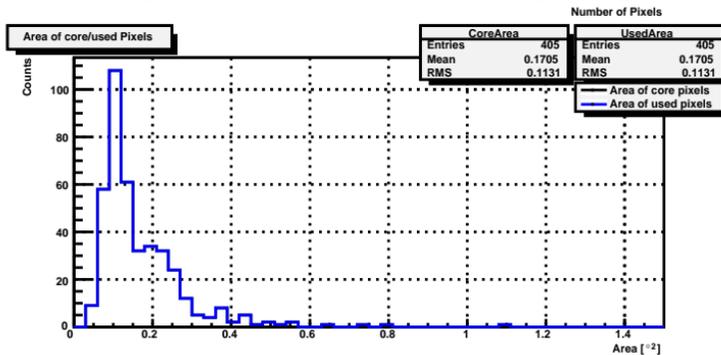
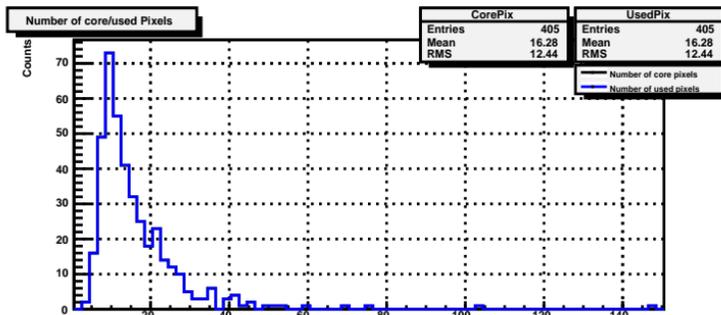
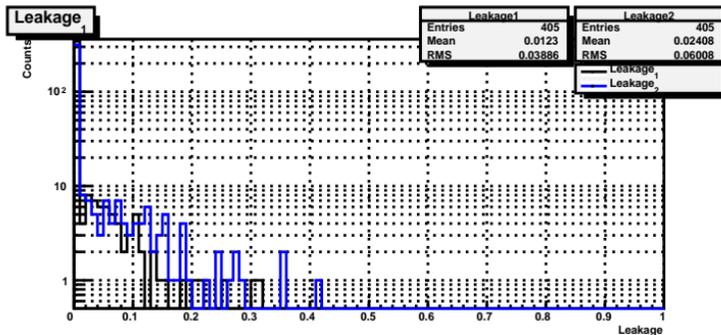
Sqrt(Variance)

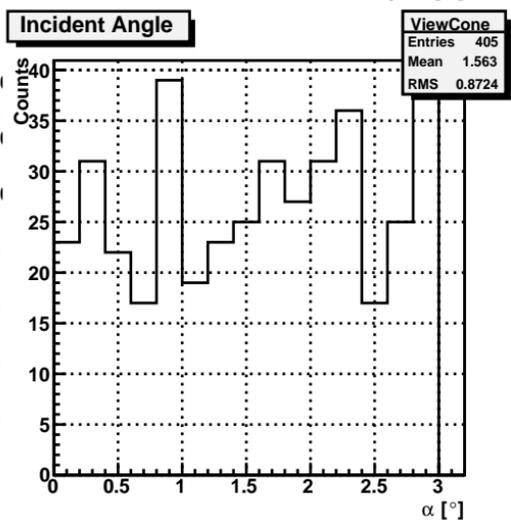
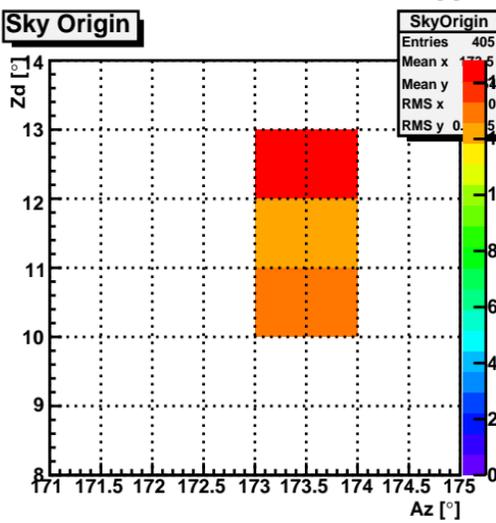
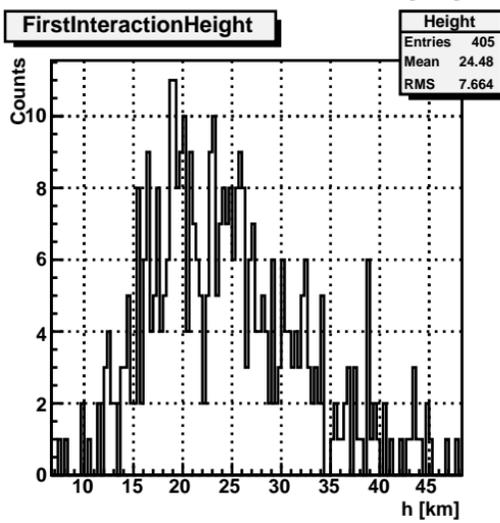
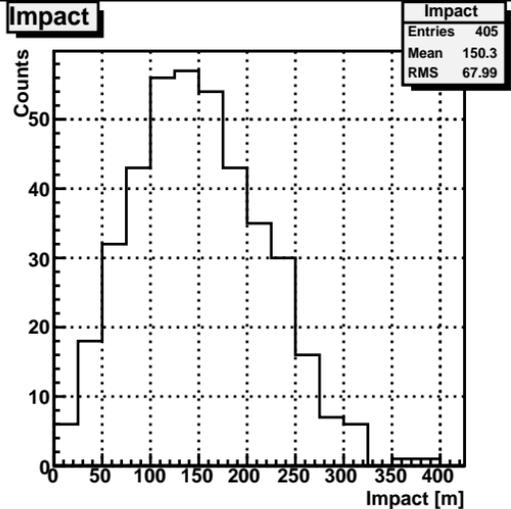
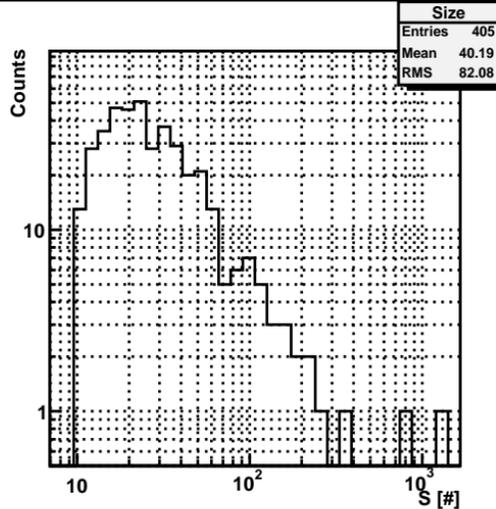
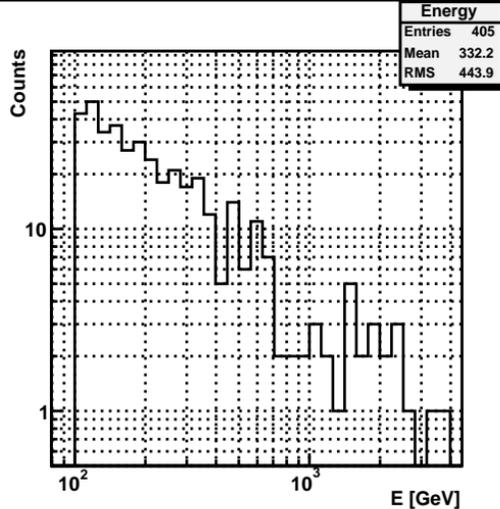
err	
Entries	2
Mean	14.89
RMS	14

Radial Profile**Azimuth Profile**



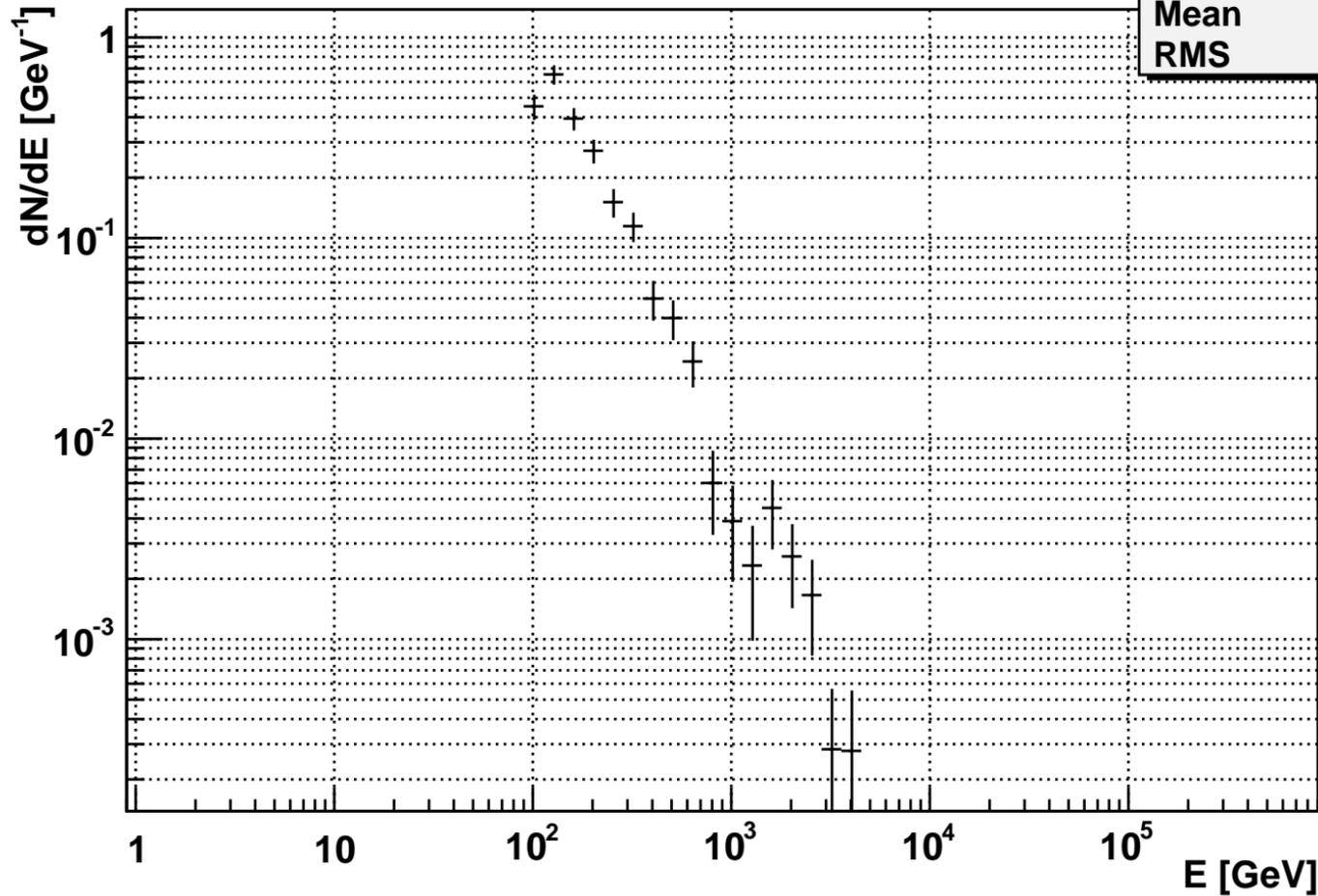
Alpha of Ellipse**Dist of Ellipse****Distance of closest approach****cos(Delta,Alpha) of Ellipse****Angle between shower and x-axis**



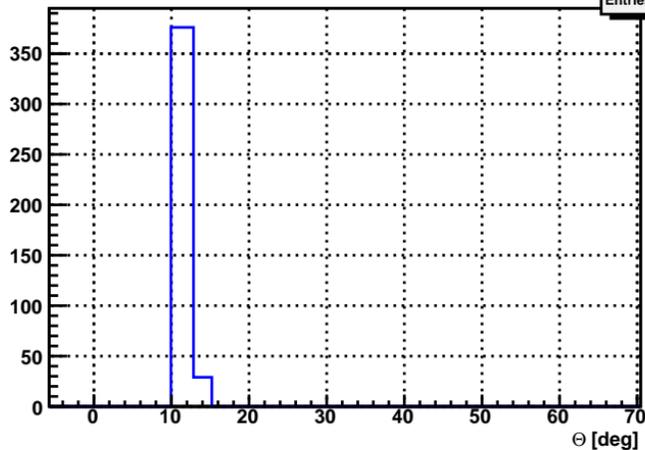


Energy Threshold $E_{\text{max}}=127\text{GeV} (113\text{GeV},143\text{GeV})$ **Threshold**

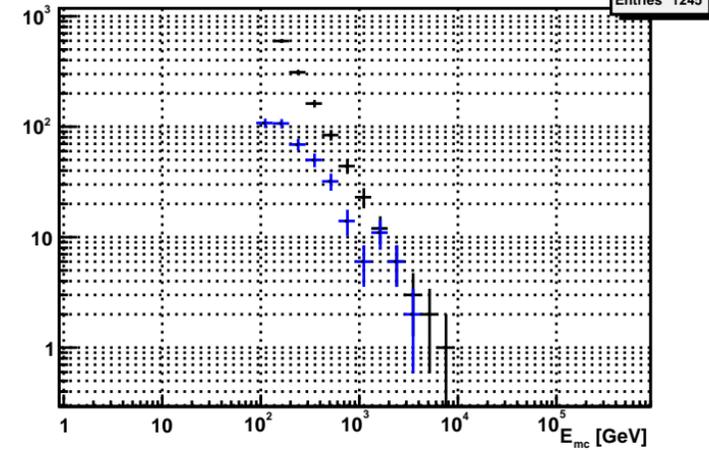
Entries	405
Mean	186.3
RMS	164.1



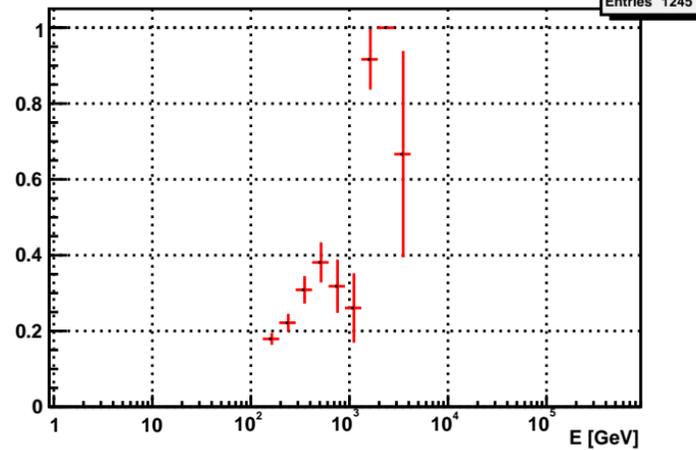
Number of Events after cuts



Number of events produced



Efficiency



Collection Area

 $r_{\max}=425\text{m} \rightarrow A_{\max}=567281\text{m}^2$
