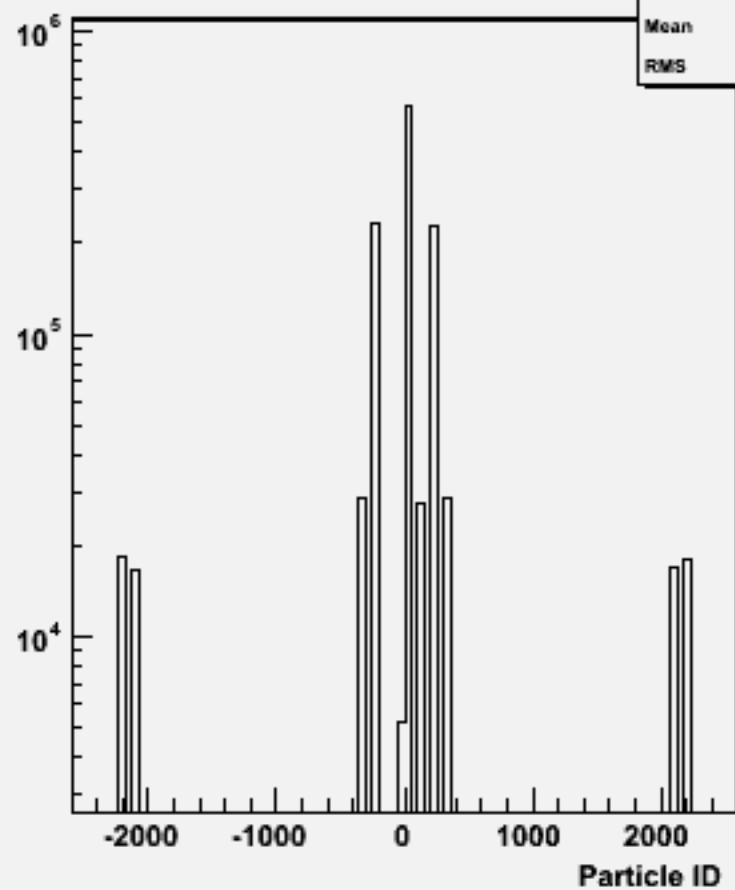


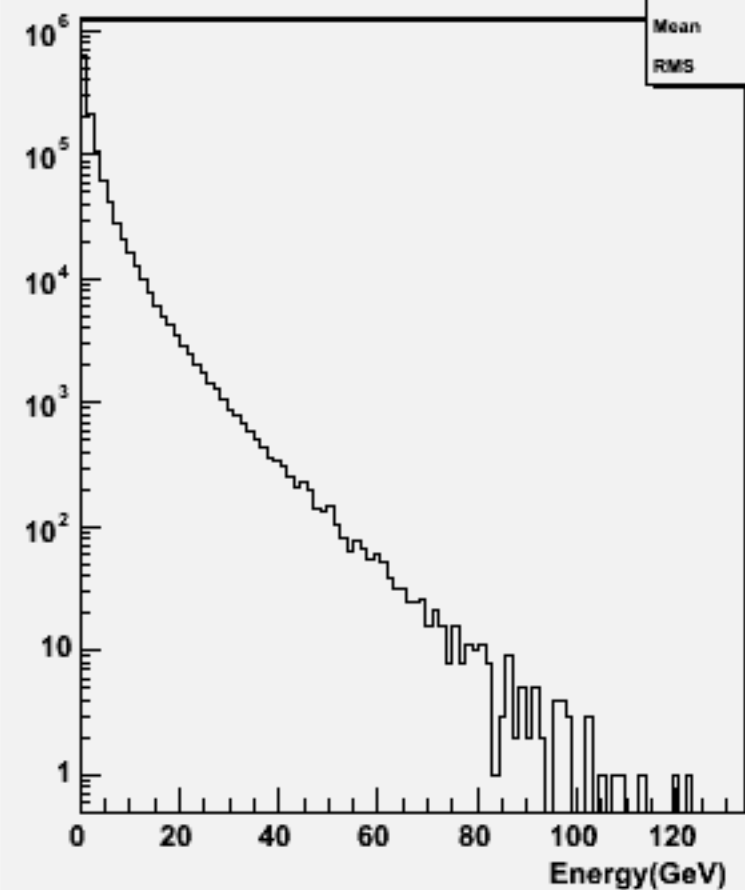
# Generator file information: w101688 uucsdu\_o

process\_id=w101688  
job\_date\_time=100628-144522  
process\_name=uucsdu\_o  
CM\_energy\_in\_GeV=350  
program\_name\_version=whizard-1.40  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=-1.0  
polarization2=+1.0  
luminosity=1000  
cross\_section\_in\_fb=1.31035756753202  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w101688\_01.stdhep  
number\_of\_events\_in\_files=10000  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0350  
logurl=[http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run\\_output/w101688/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w101688/run_01)  
comment=

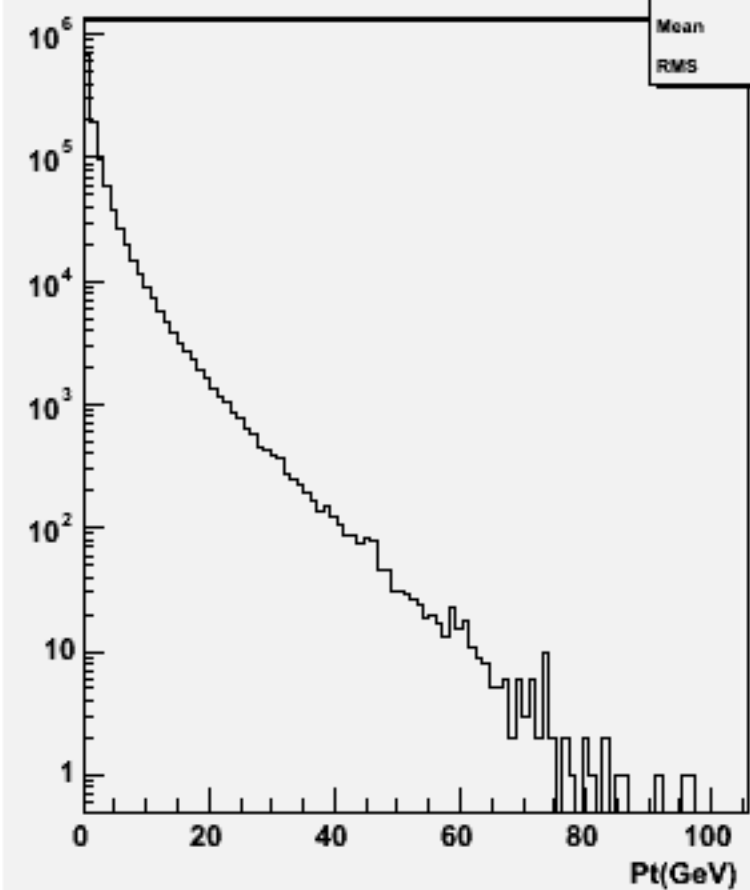
Particle ID : w101688 uucsdu\_o



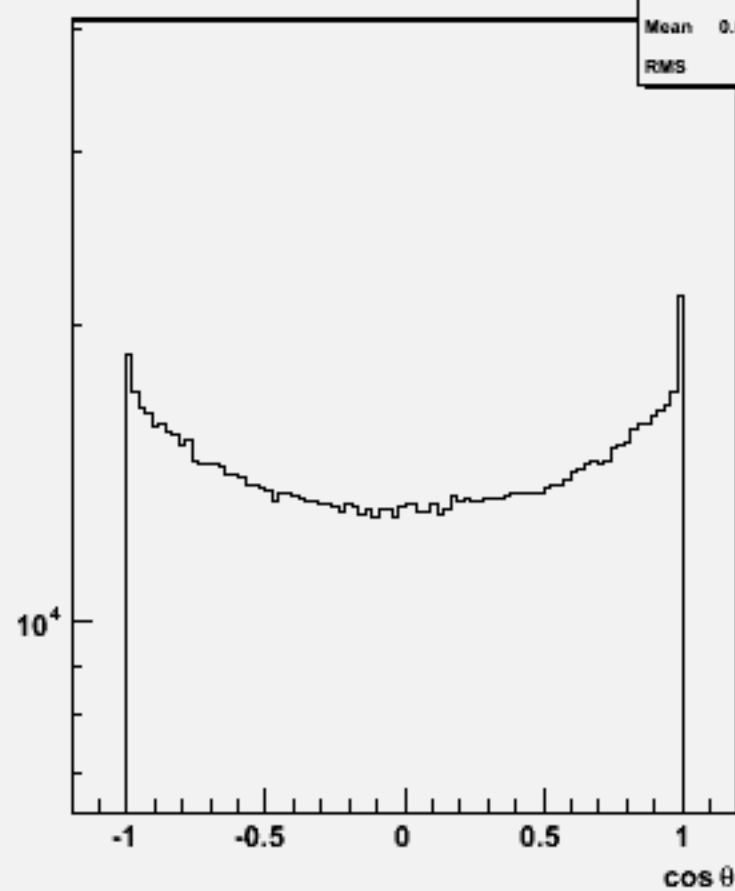
Particle Energy : w101688 uucsdu\_o



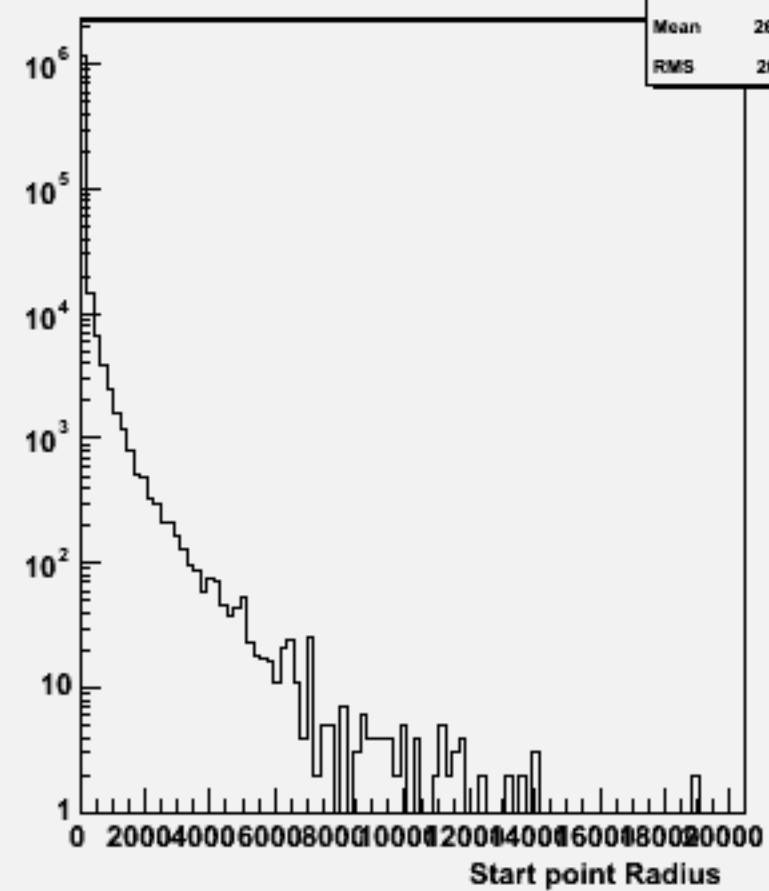
Particle Pt : w101688 uucsdu\_o



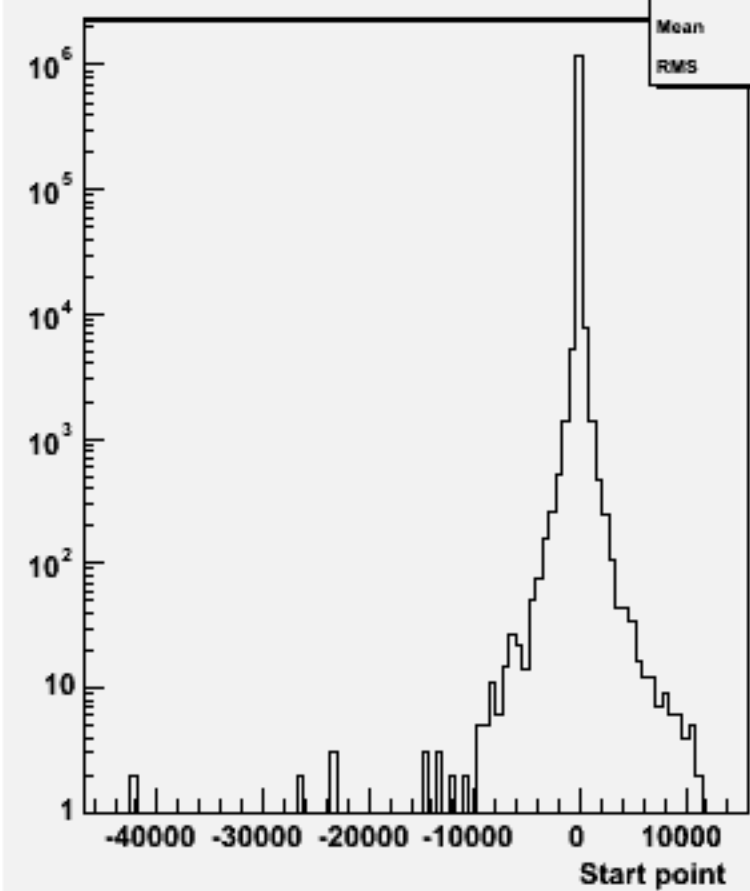
Particle cosθ : w101688 uucsdu\_o

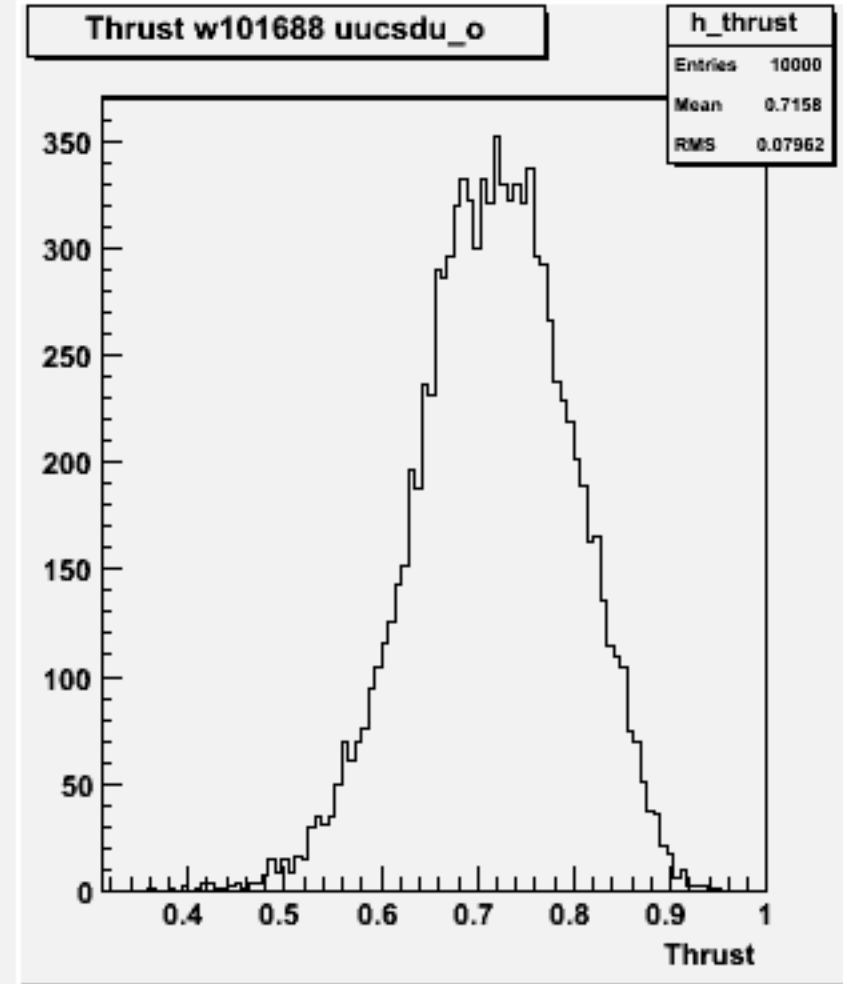
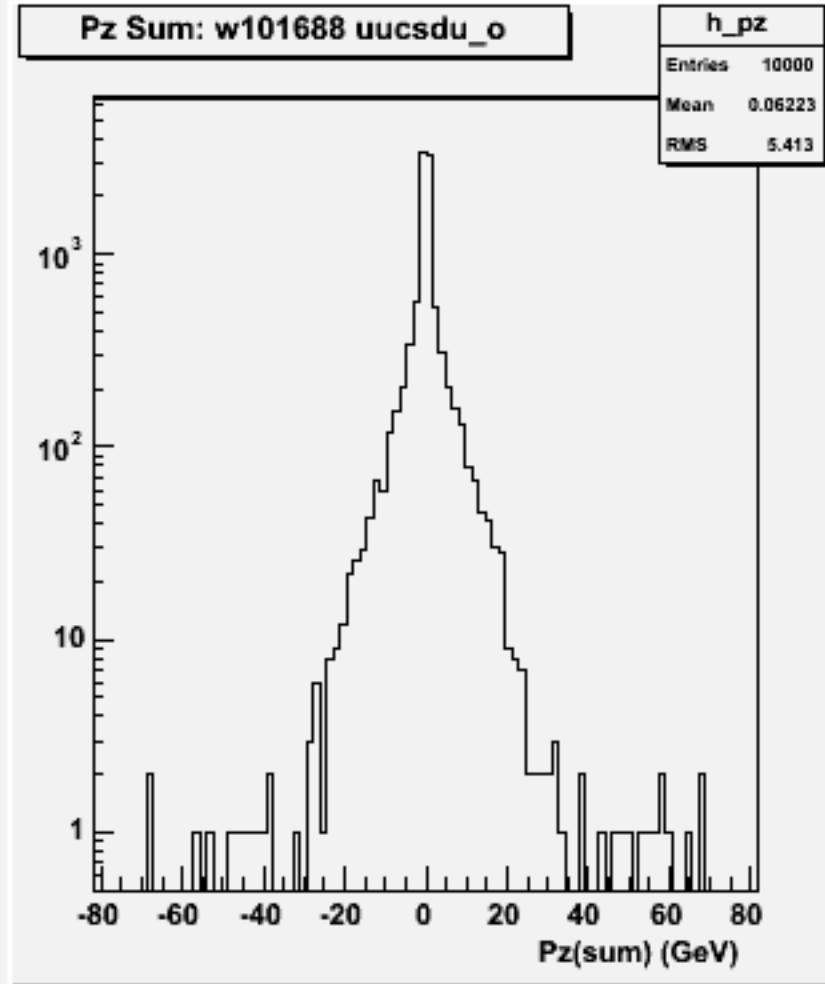
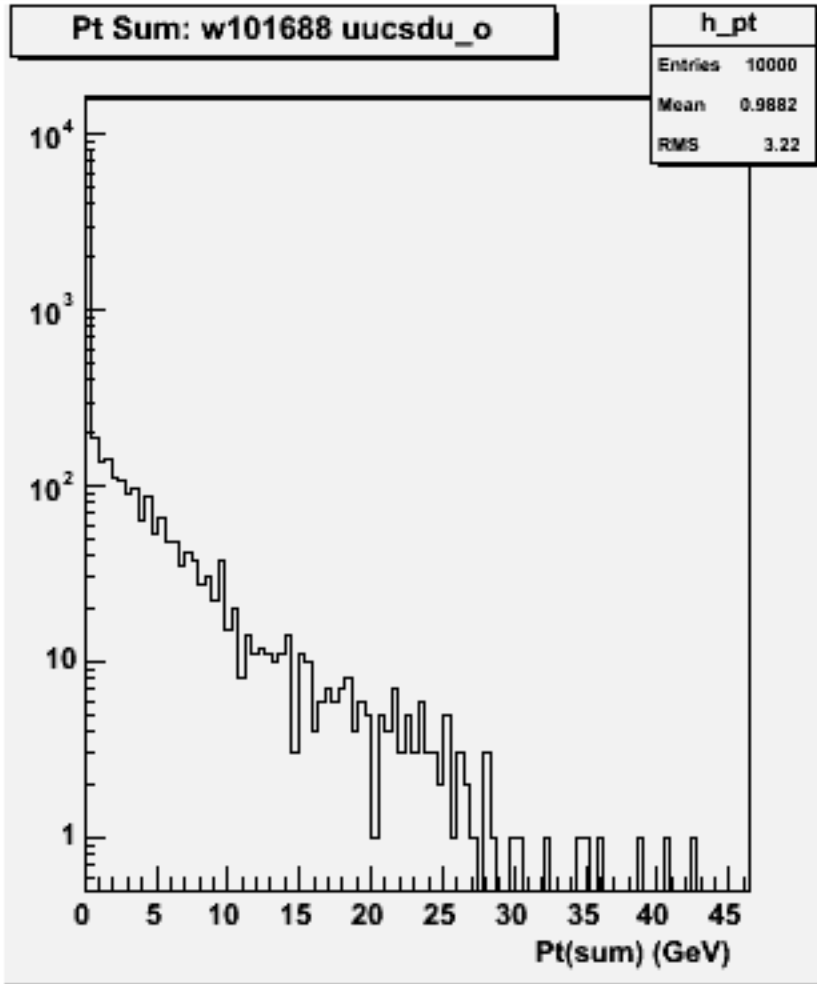
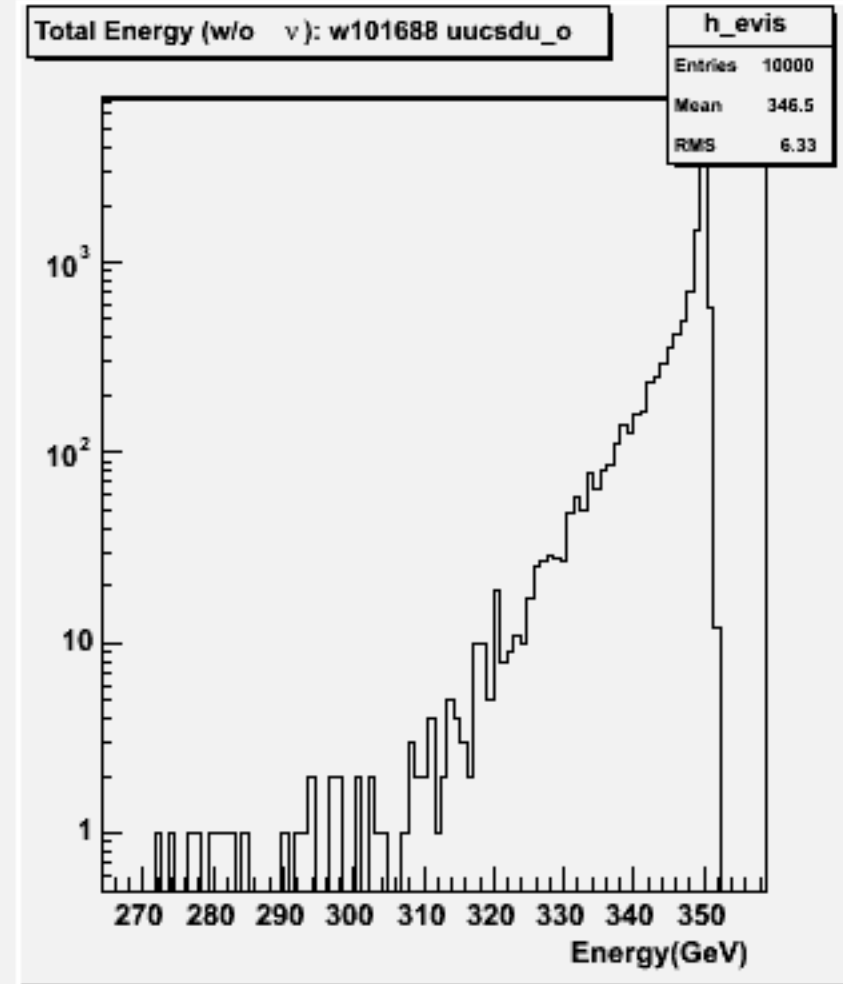
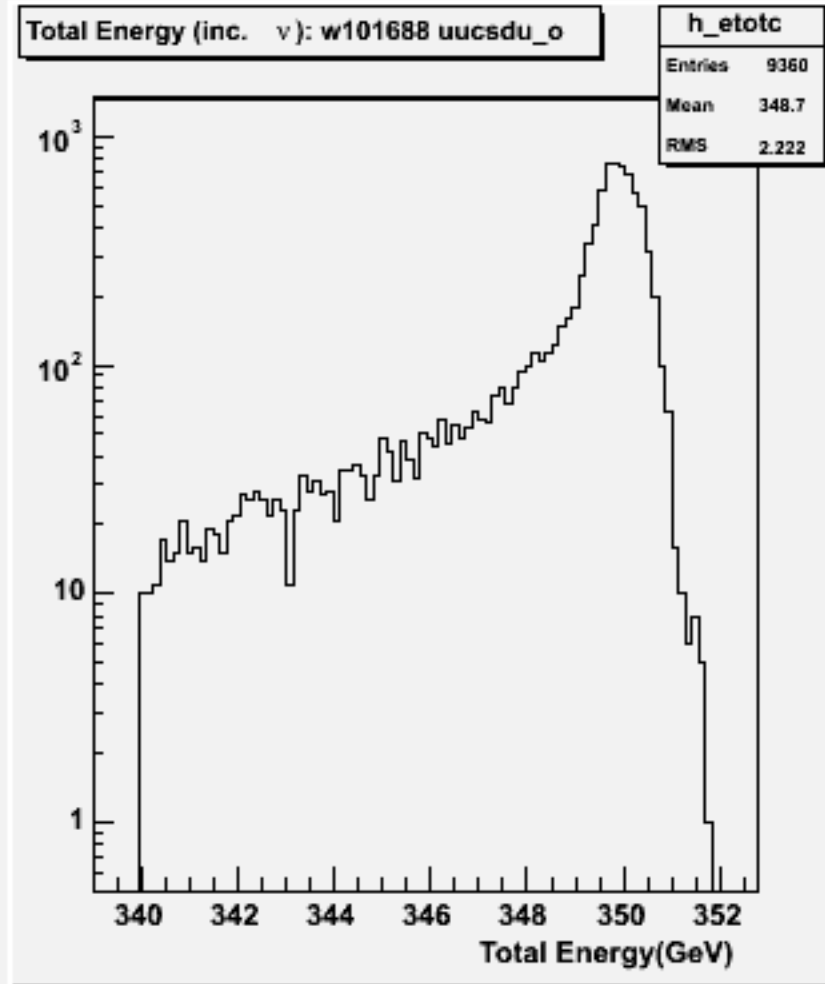
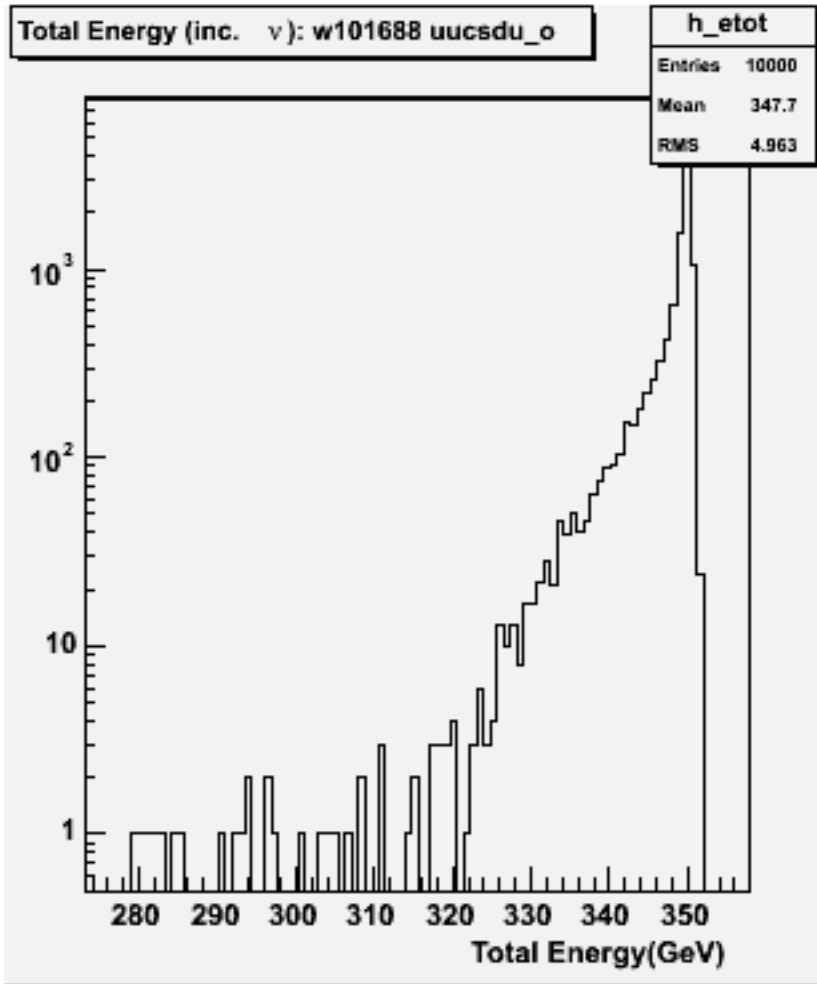


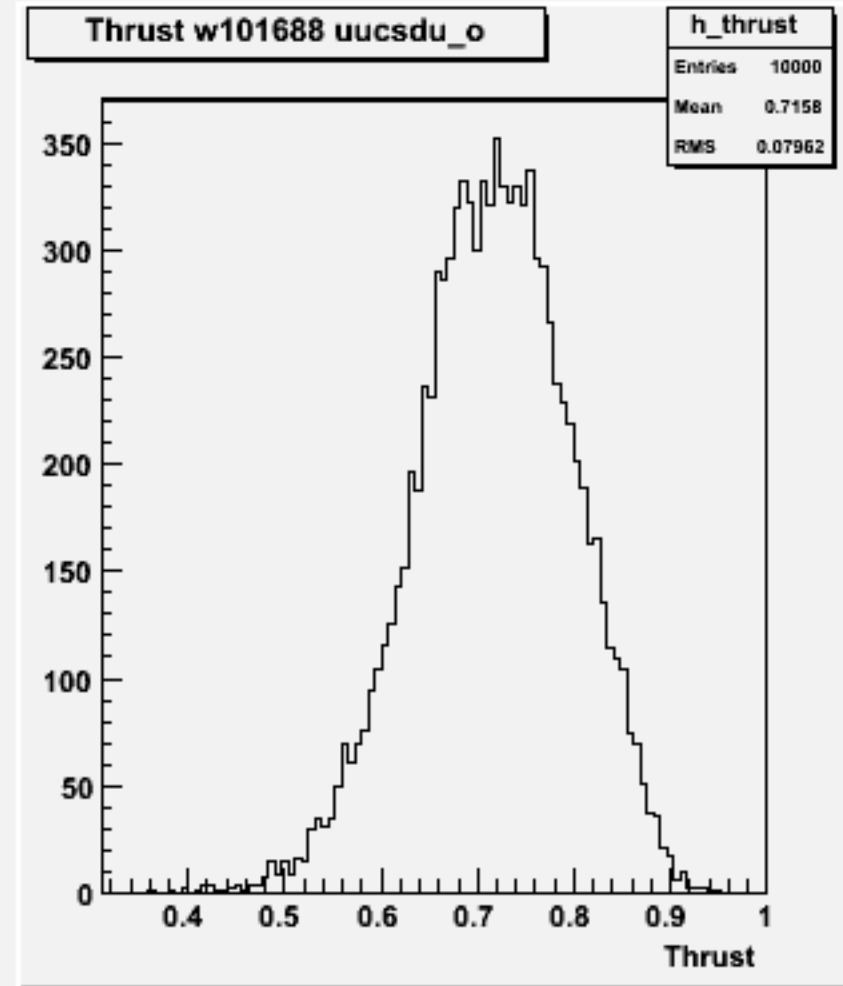
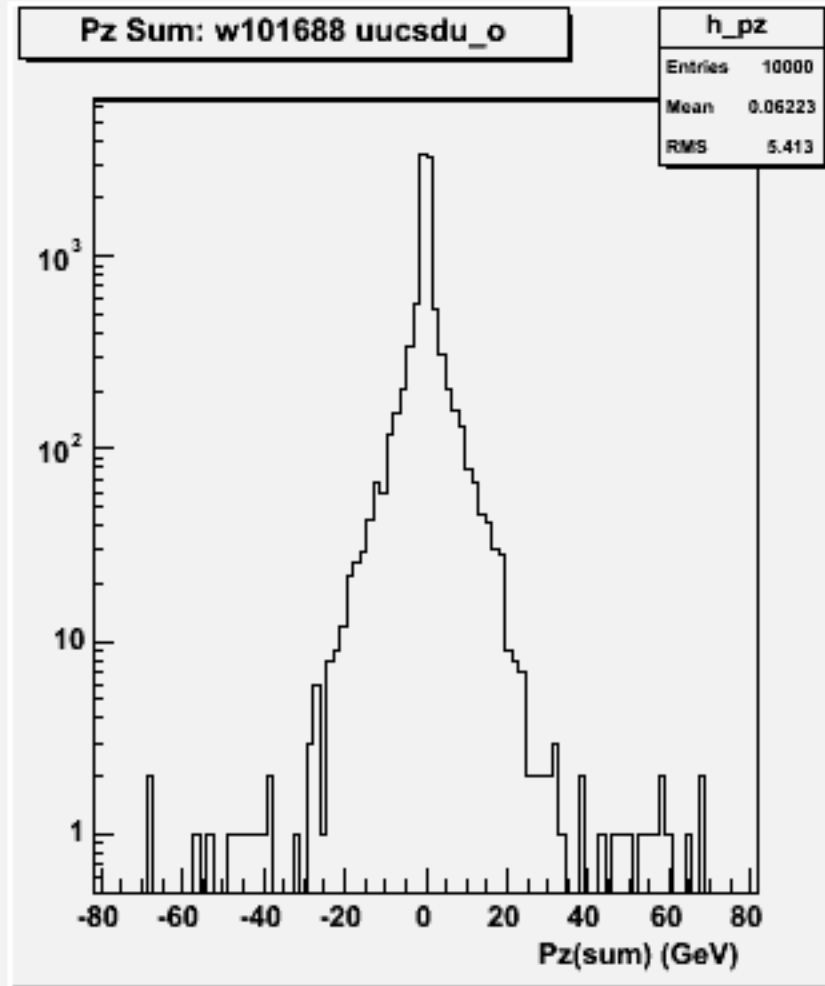
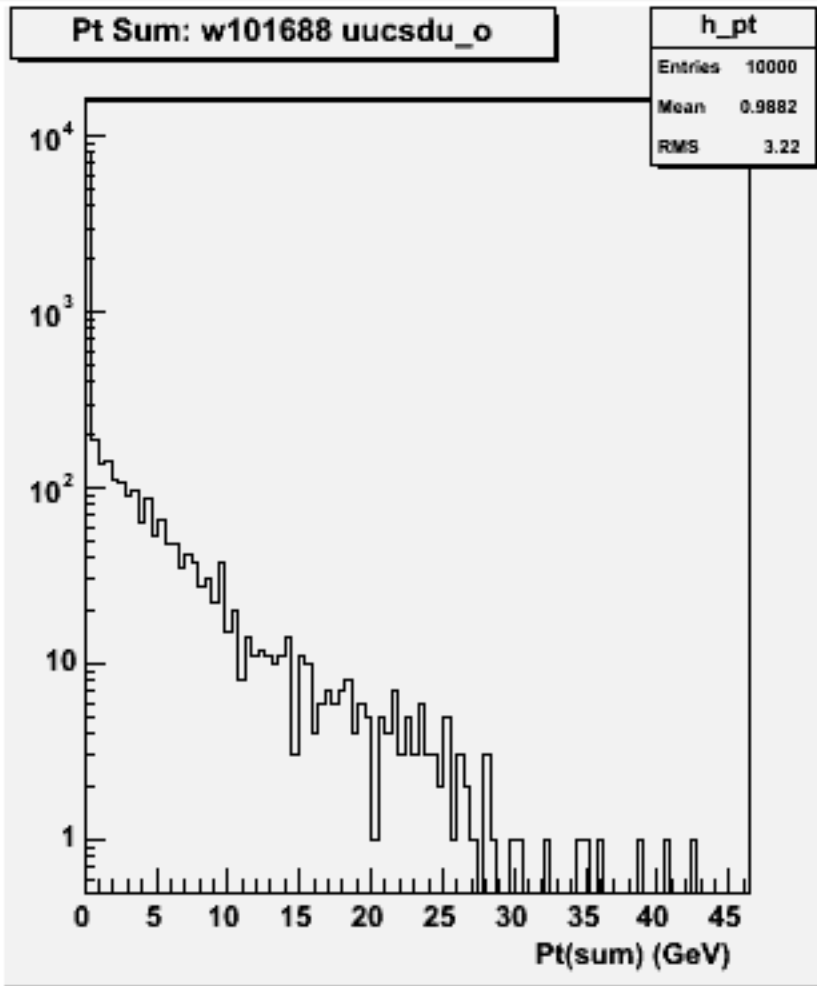
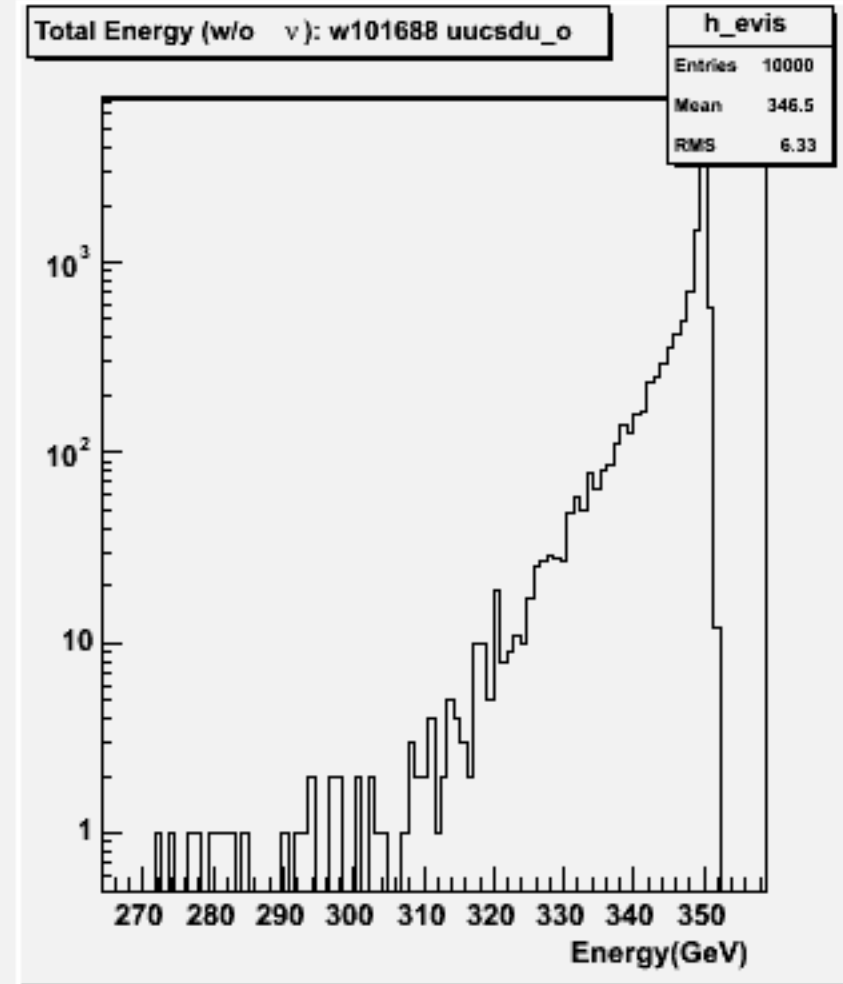
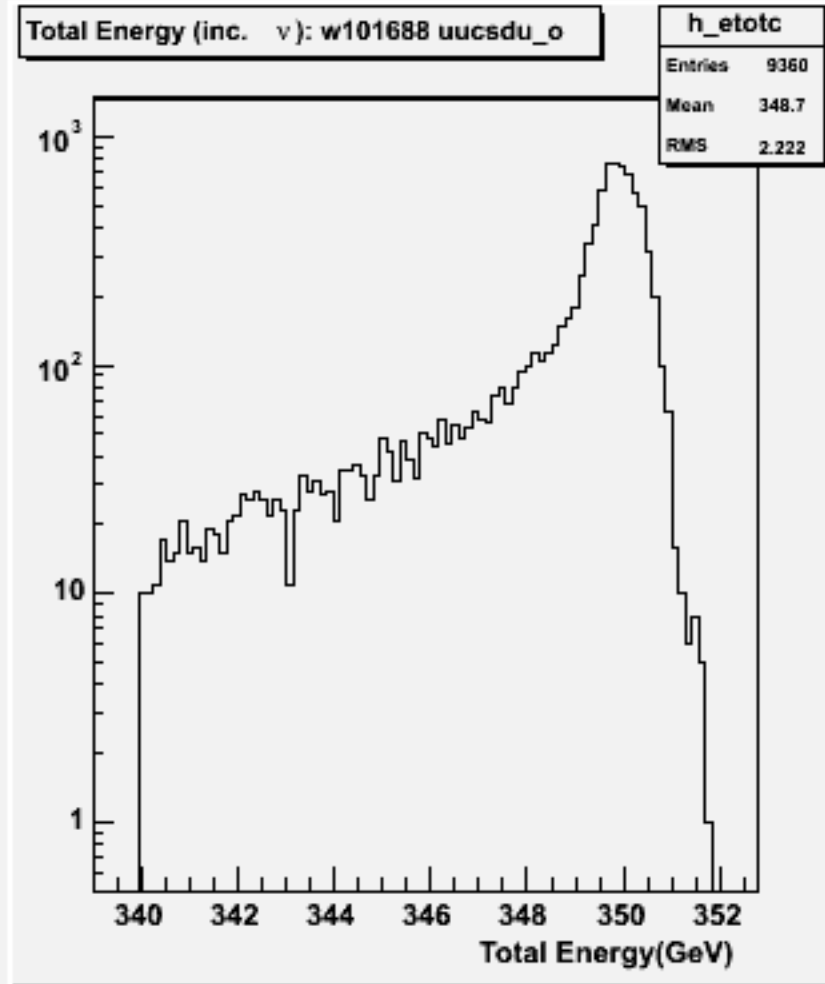
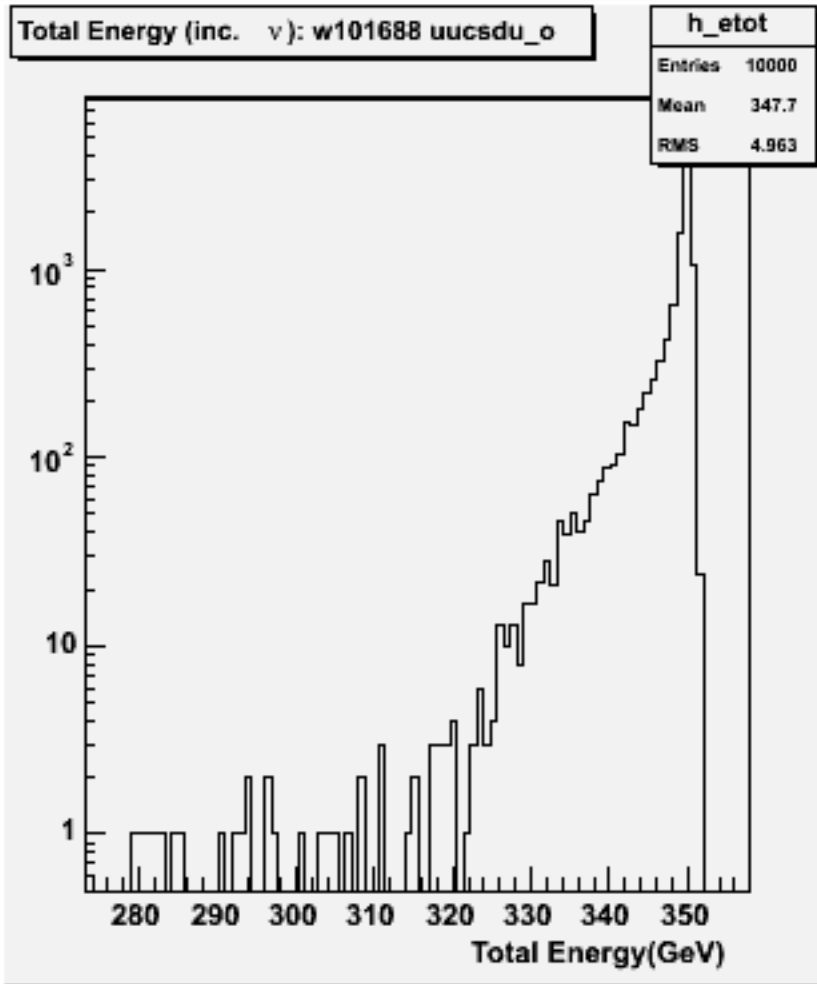
Start point R : w101688 uucsdu\_o

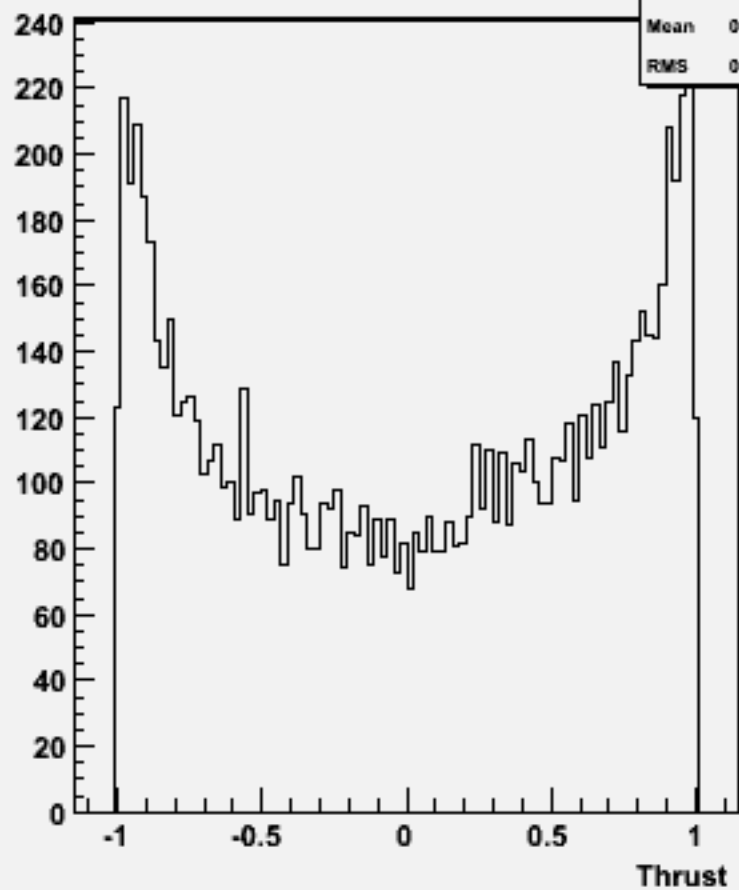


Start point Z : w101688 uucsdu\_o





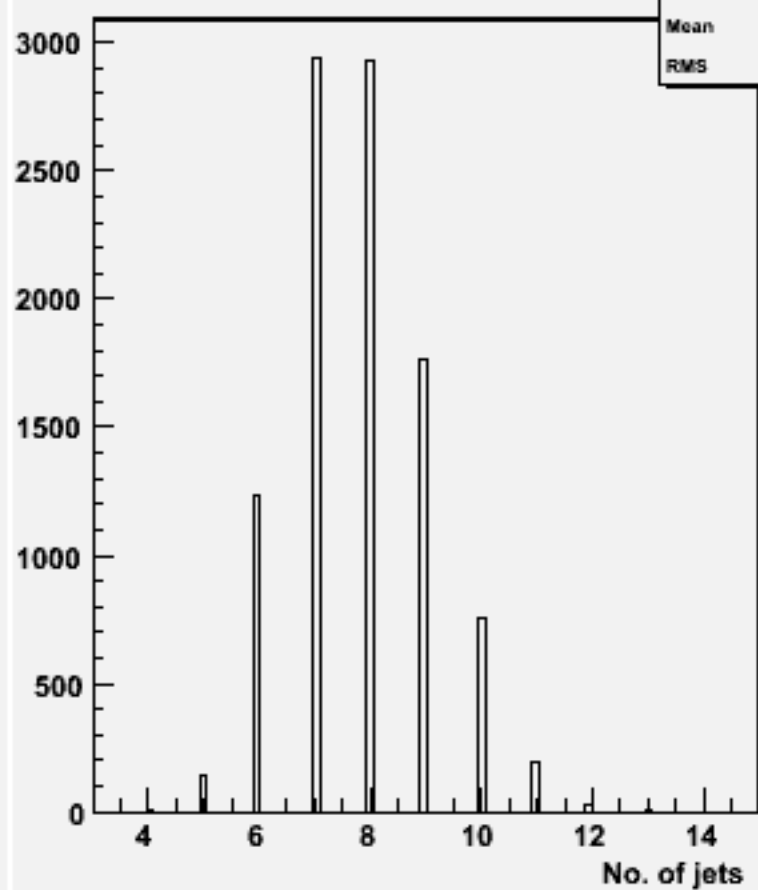


cos $\Theta$ (thrust) w101688 uucsdu\_o

h\_csth

|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.0166 |
| RMS     | 0.6528 |

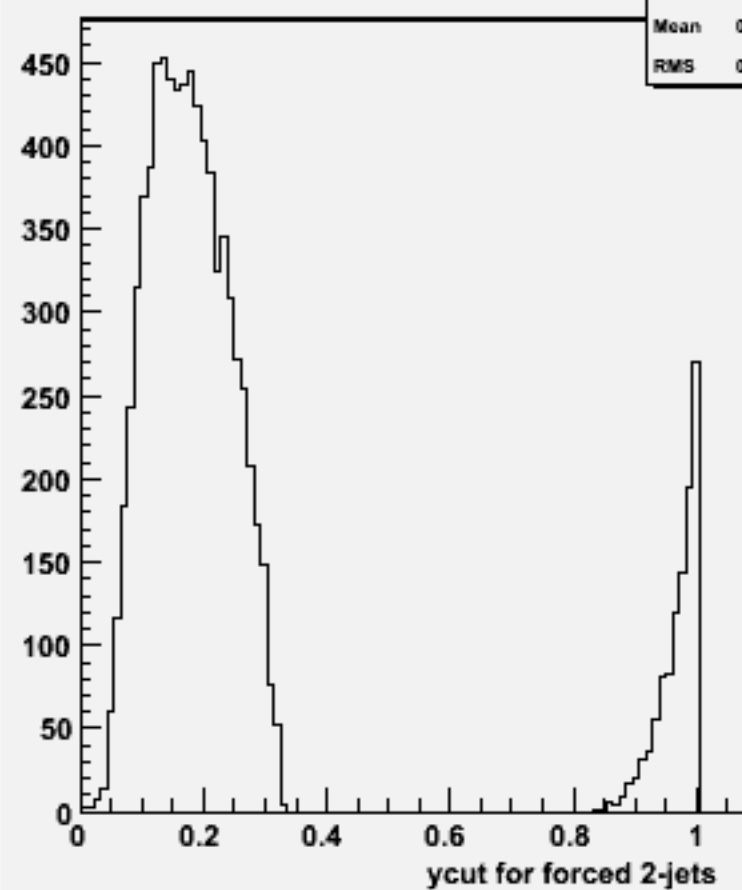
No. jets (ycut=0.001) : w101688 uucsdu\_o



h\_njets

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 7.816 |
| RMS     | 1.267 |

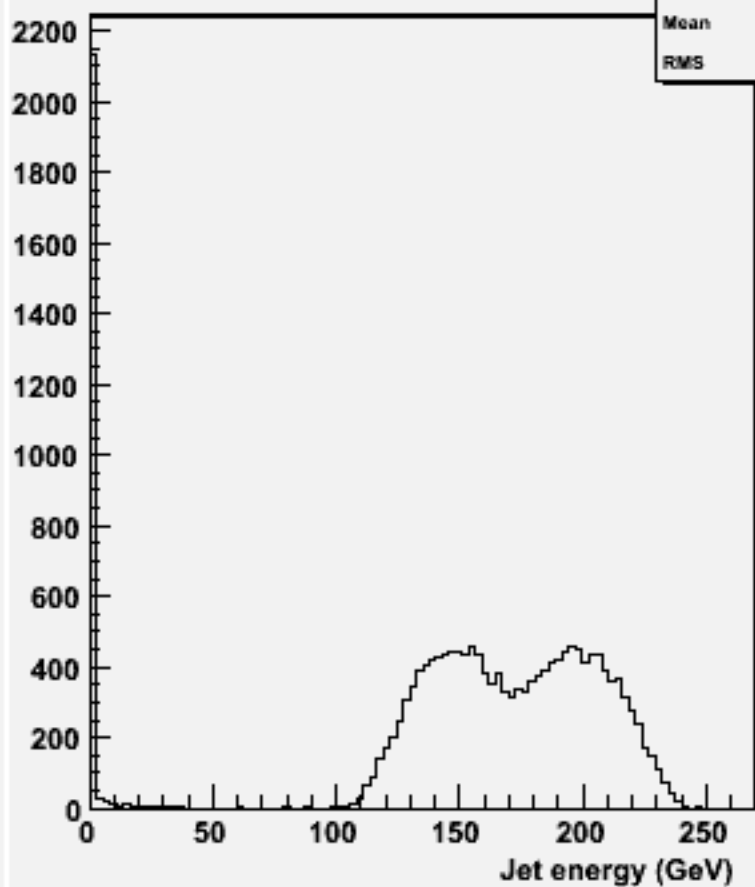
Ycut for 2-jets :w101688 uucsdu\_o



h\_yc2j

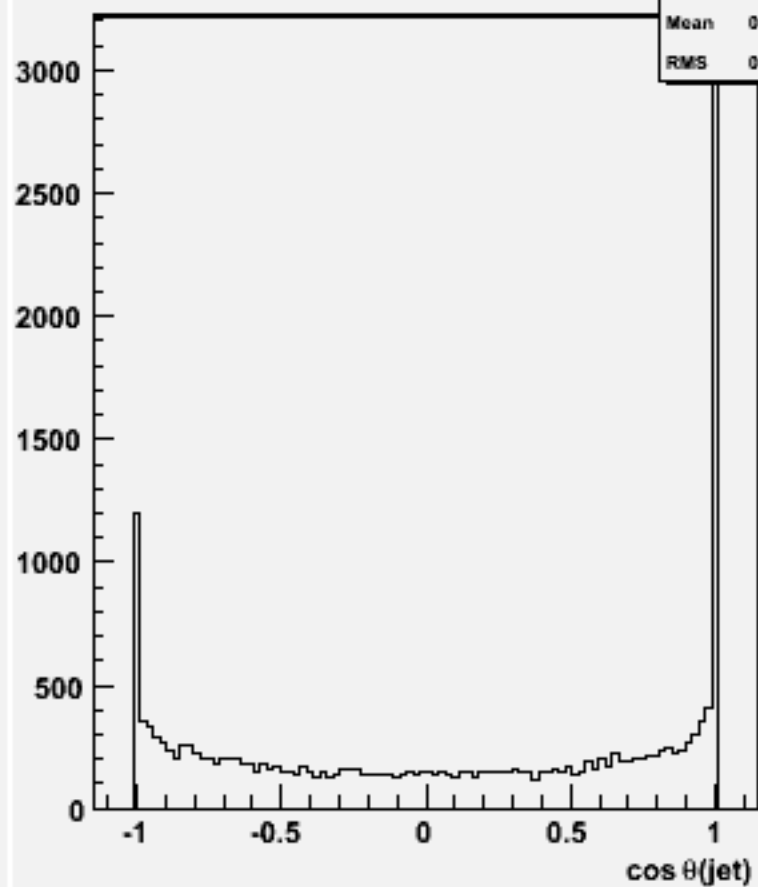
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.2716 |
| RMS     | 0.2669 |

energy for 2-jets :w101688 uucsdu\_o



h\_j0e

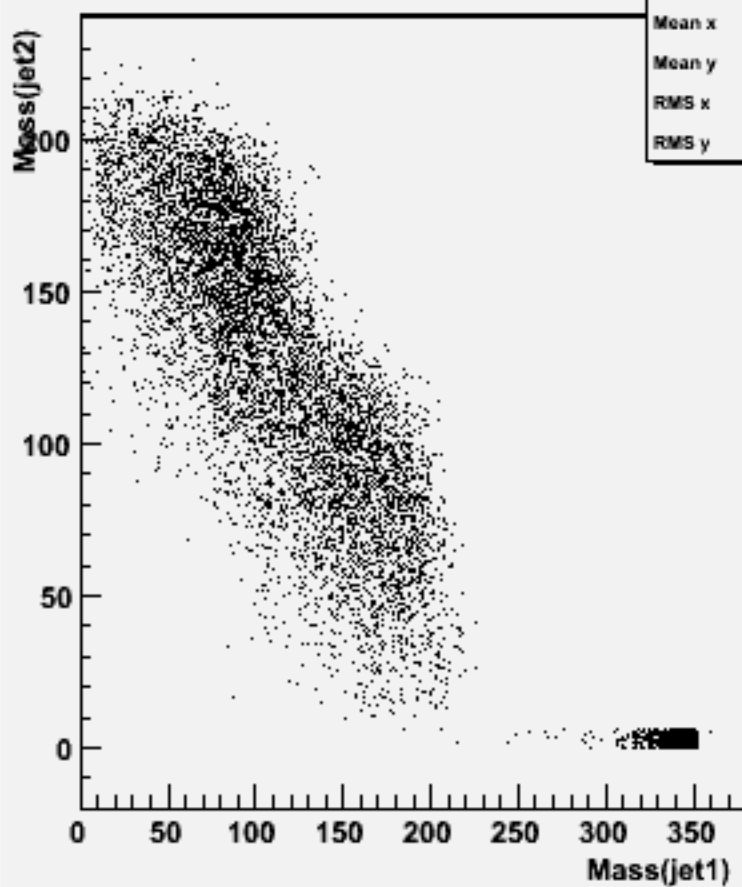
|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 151.3 |
| RMS     | 64.52 |

cos $\theta$  for 2-jets :w101688 uucsdu\_o

h\_j0cs

|         |        |
|---------|--------|
| Entries | 20000  |
| Mean    | 0.0979 |
| RMS     | 0.7246 |

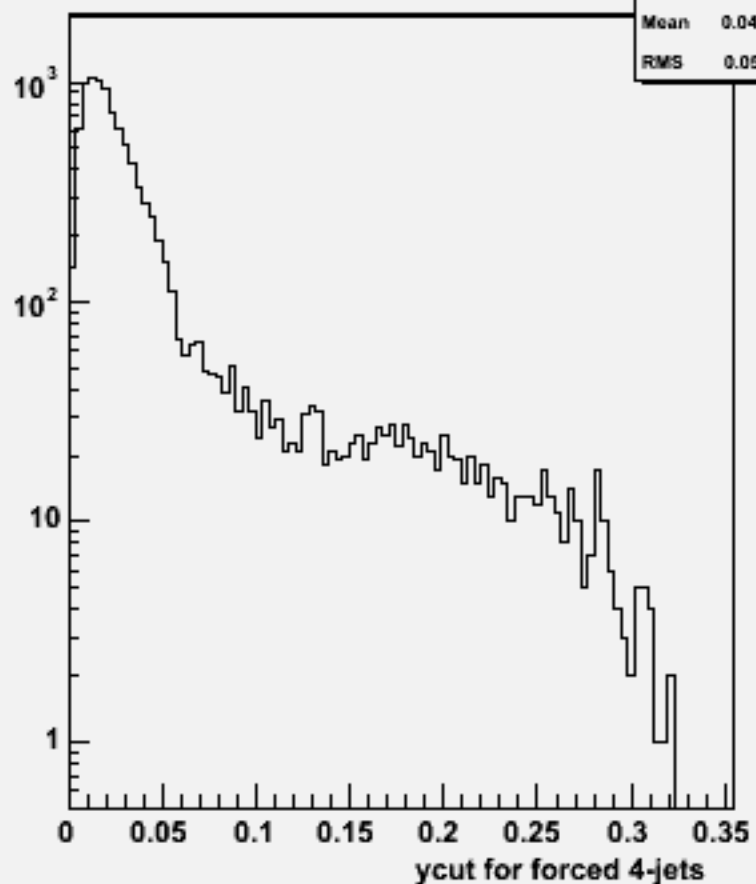
Jet mass for forced 2-jets : w101688 uucsdu\_o



h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 162   |
| Mean y  | 99.64 |
| RMS x   | 107.9 |
| RMS y   | 67.41 |

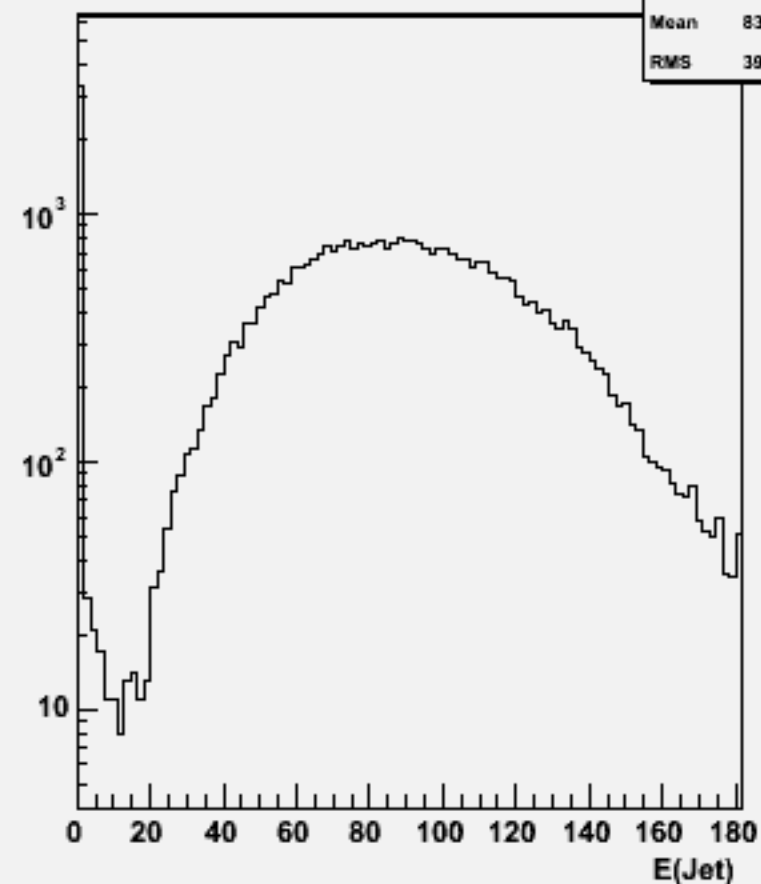
Ycut for 4-jets :w101688 uucsdu\_o



h\_yc4j

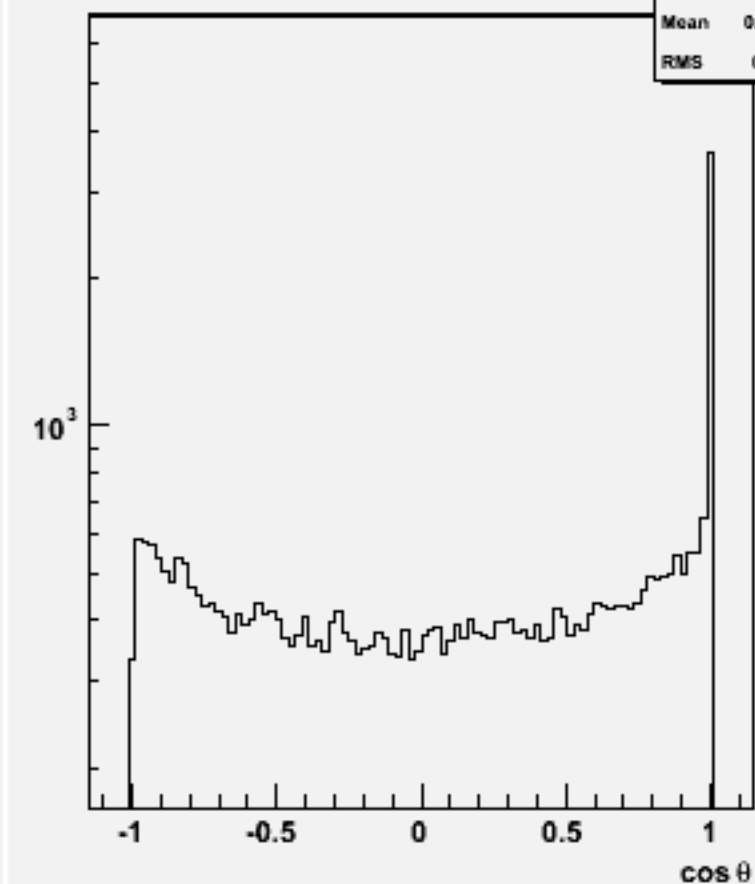
|         |         |
|---------|---------|
| Entries | 10000   |
| Mean    | 0.04184 |
| RMS     | 0.05418 |

Jet energies(All jets)w101688 uucsdu\_o



ha\_j0e

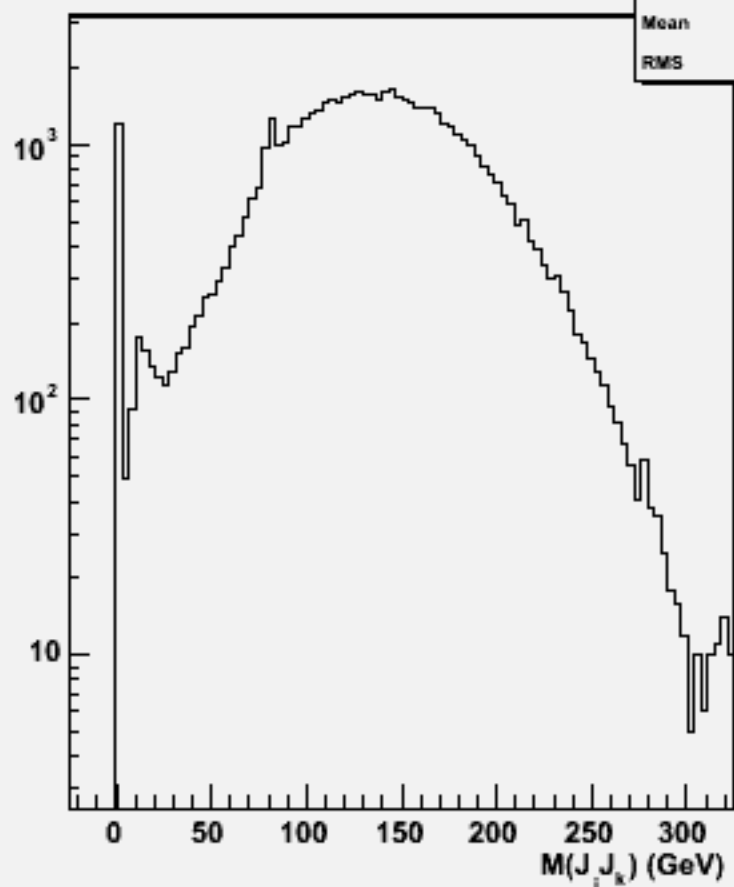
|         |       |
|---------|-------|
| Entries | 40000 |
| Mean    | 83.67 |
| RMS     | 39.54 |

Jet cos  $\theta$  (All jets)w101688 uucsdu\_o

ha\_j0cs

|         |         |
|---------|---------|
| Entries | 40000   |
| Mean    | 0.08352 |
| RMS     | 0.6506  |

2jets mass(All comb)w101688 uucsdu\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 60000 |
| Mean    | 135.5 |
| RMS     | 53.1  |