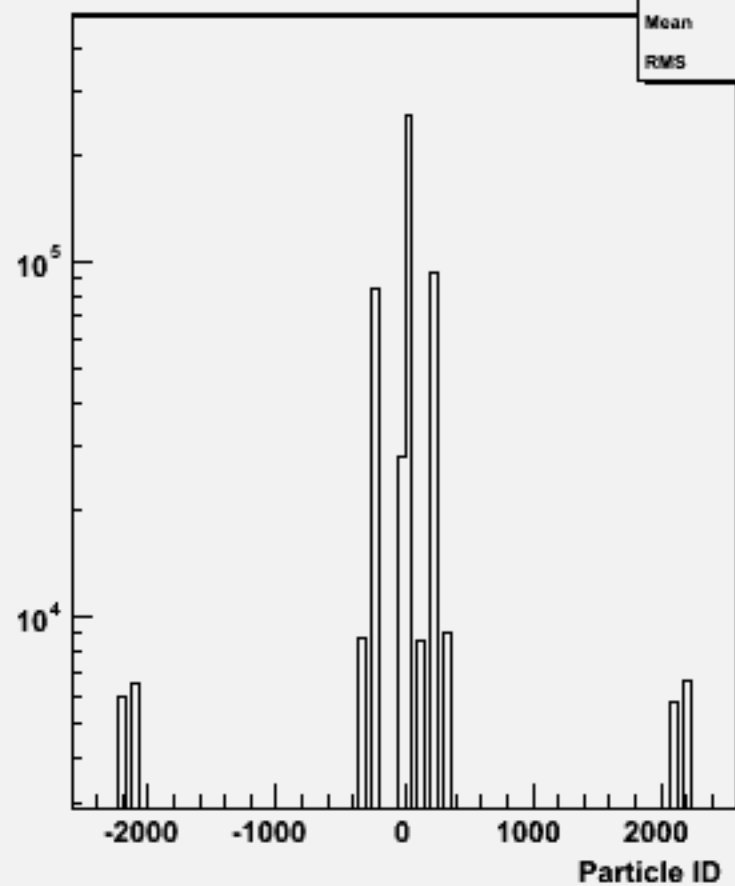


# Generator file information: w100957 e3e3ude1n1\_o

process\_id=w100957  
job\_date\_time=100625-222522  
process\_name=e3e3ude1n1\_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=0.00387606251598226  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w100957\_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/w100957/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w100957/run_01)  
comment=

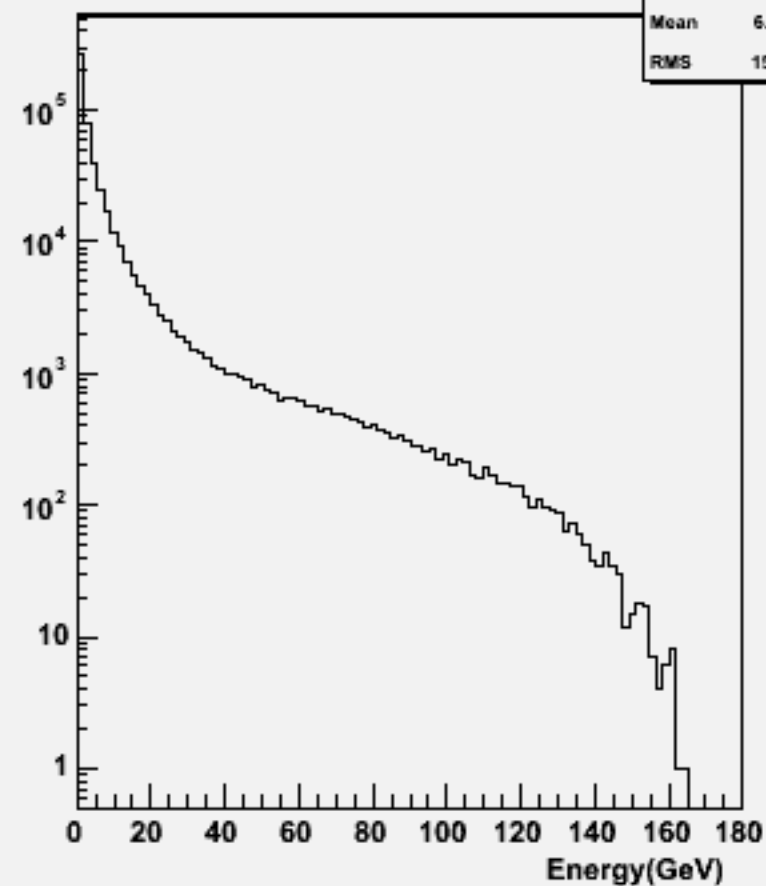
Particle ID : w100957 e3e3ude1n1\_o



h\_id

|         |        |
|---------|--------|
| Entries | 512899 |
| Mean    | 16     |
| RMS     | 495.8  |

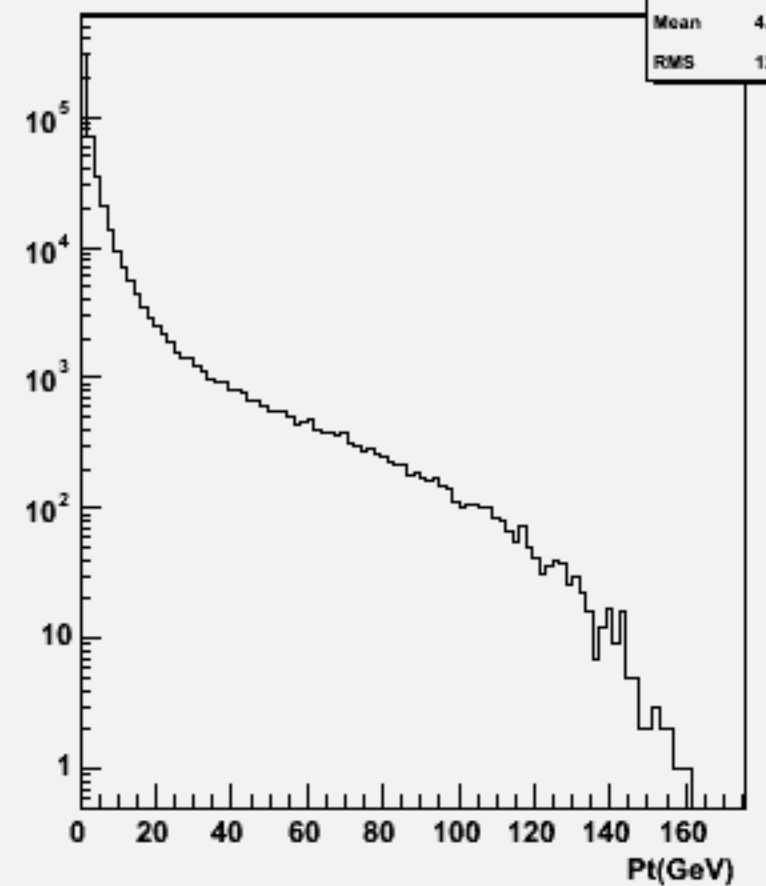
Particle Energy : w100957 e3e3ude1n1\_o



h\_e

|         |        |
|---------|--------|
| Entries | 512899 |
| Mean    | 6.771  |
| RMS     | 15.52  |

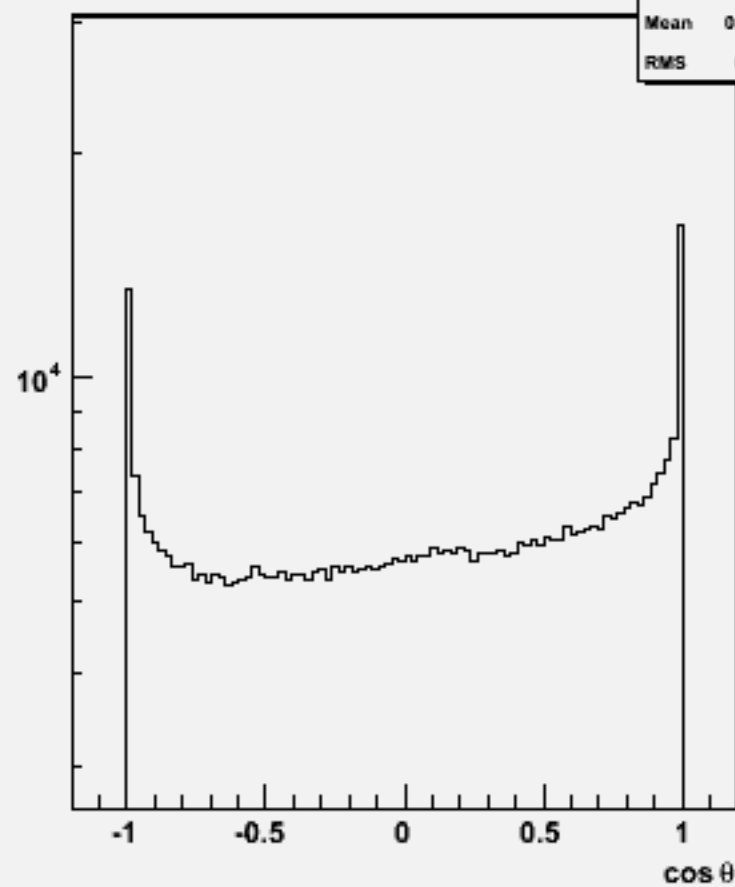
Particle Pt : w100957 e3e3ude1n1\_o



h\_pt

|         |        |
|---------|--------|
| Entries | 512899 |
| Mean    | 4.988  |
| RMS     | 12.34  |

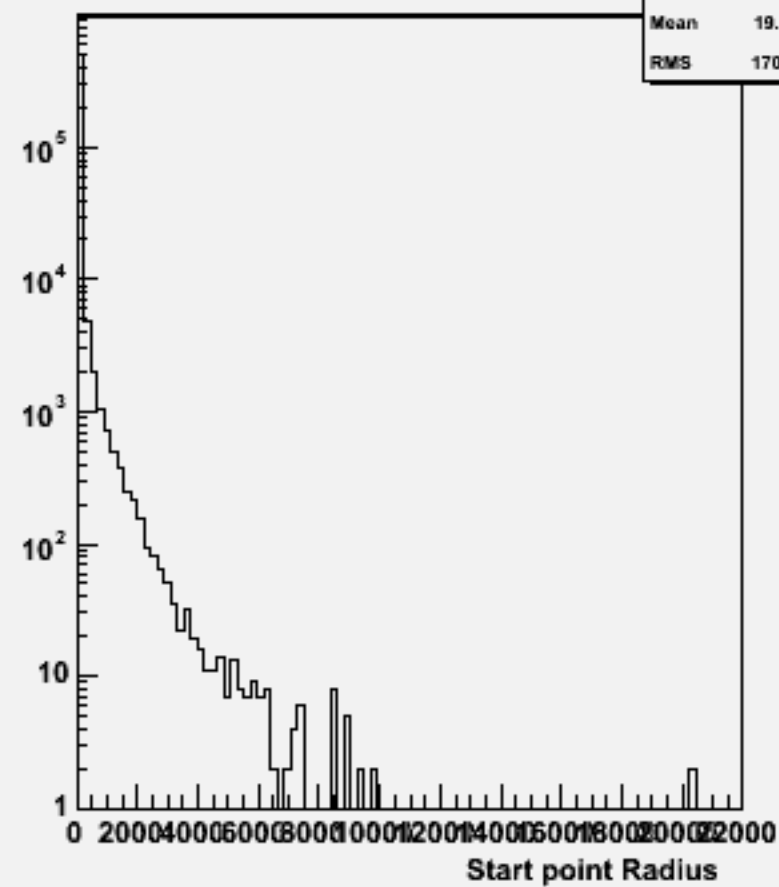
Particle cosθ : w100957 e3e3ude1n1\_o



h\_cs

|         |         |
|---------|---------|
| Entries | 512899  |
| Mean    | 0.03874 |
| RMS     | 0.6138  |

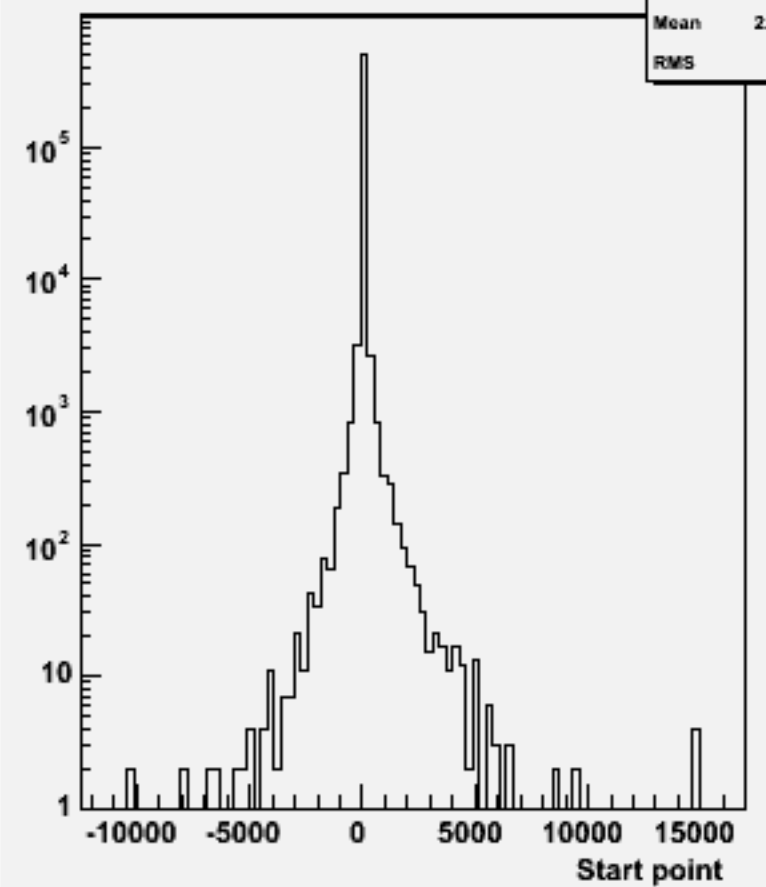
Start point R : w100957 e3e3ude1n1\_o



h\_vr

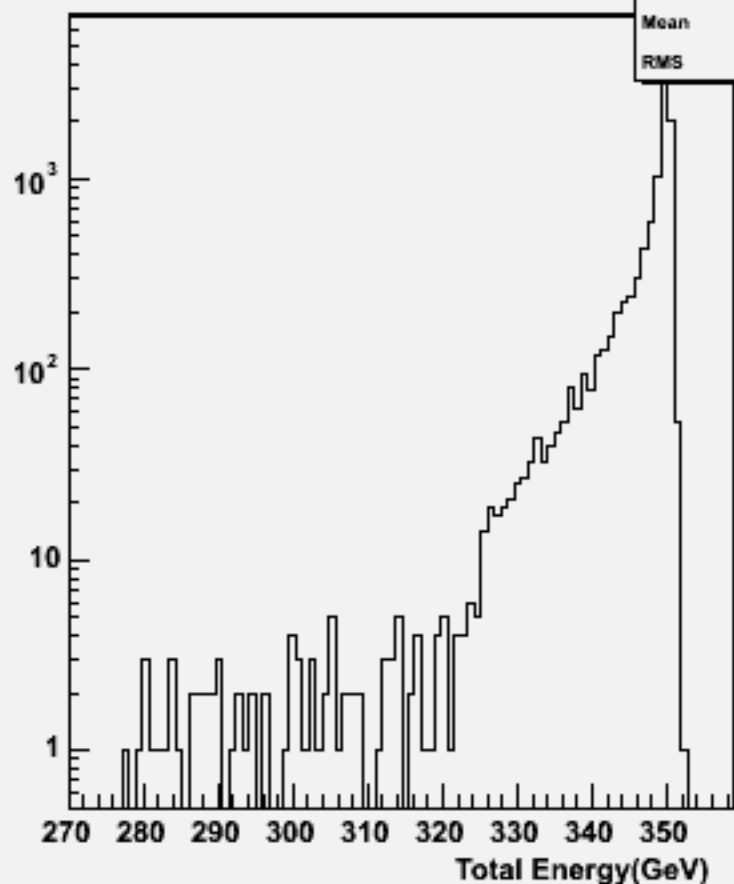
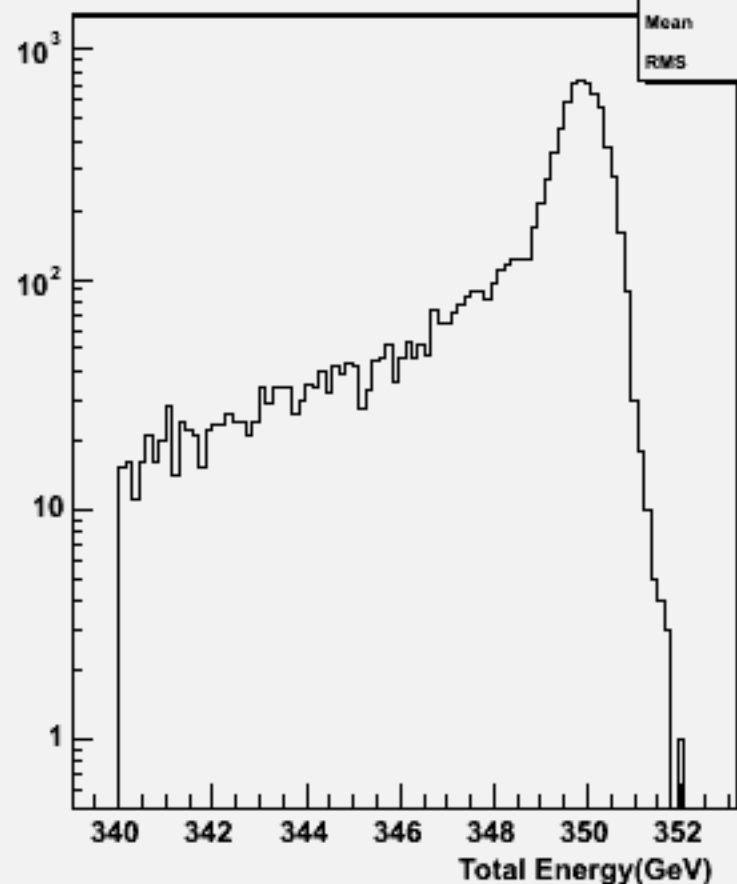
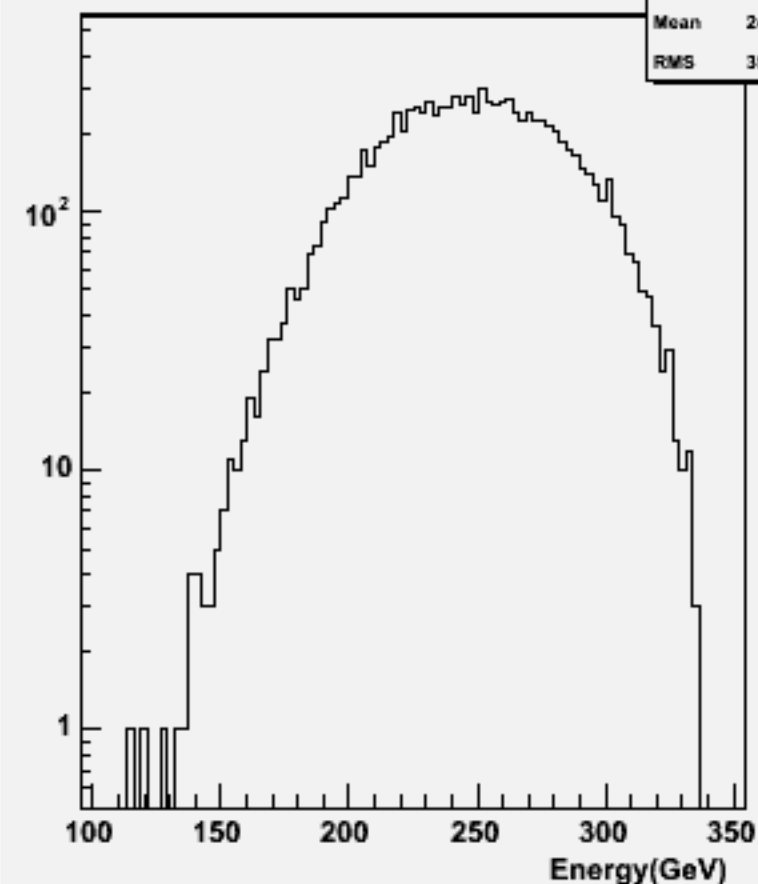
|         |        |
|---------|--------|
| Entries | 512899 |
| Mean    | 19.51  |
| RMS     | 170.8  |

Start point Z : w100957 e3e3ude1n1\_o

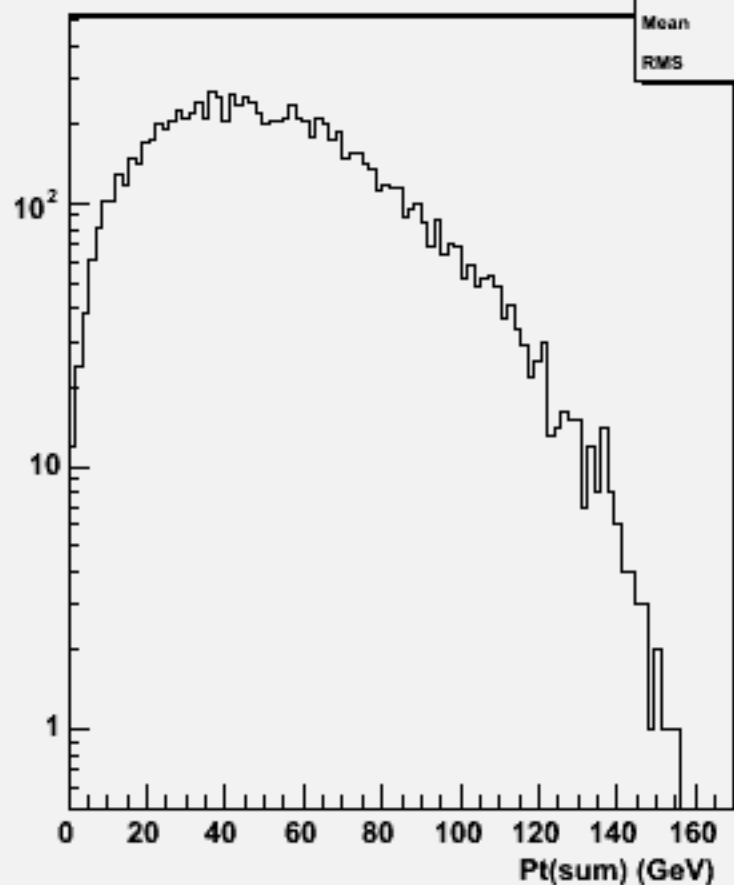


h\_vz

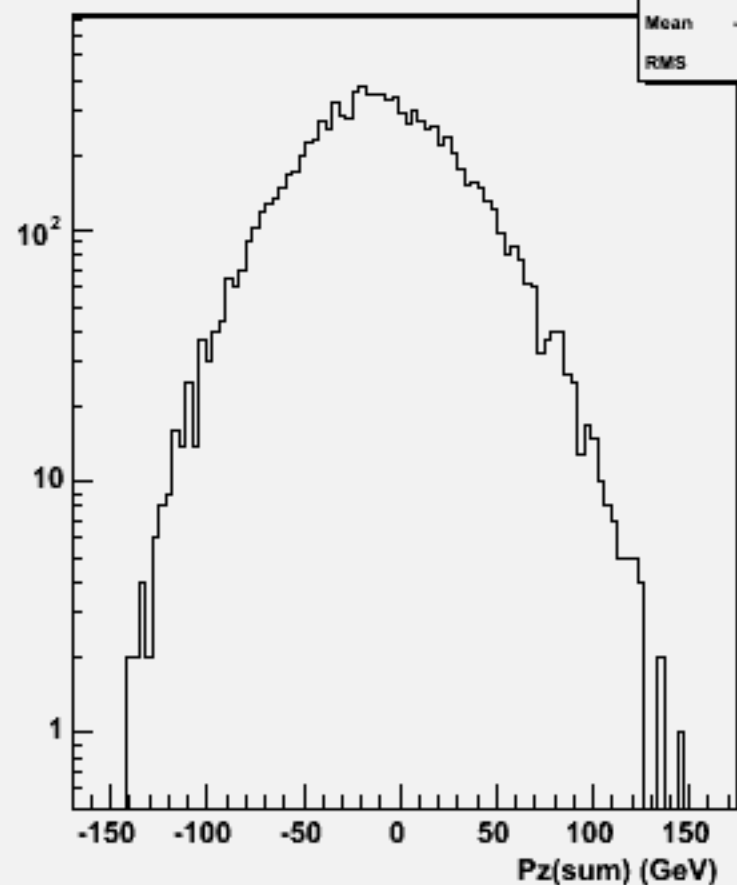
|         |        |
|---------|--------|
| Entries | 512899 |
| Mean    | 2.536  |
| RMS     | 133    |

Total Energy (inc.  $\nu$ ): w100957 e3e3ude1n1\_oTotal Energy (inc.  $\nu$ ): w100957 e3e3ude1n1\_oTotal Energy (w/o  $\nu$ ): w100957 e3e3ude1n1\_o

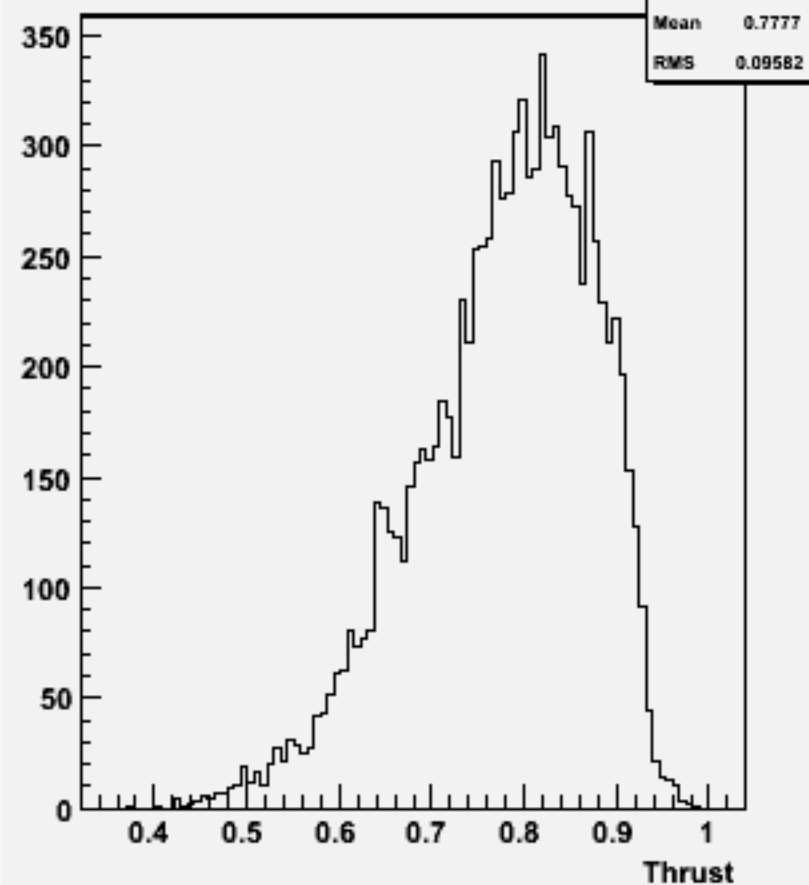
Pt Sum: w100957 e3e3ude1n1\_o

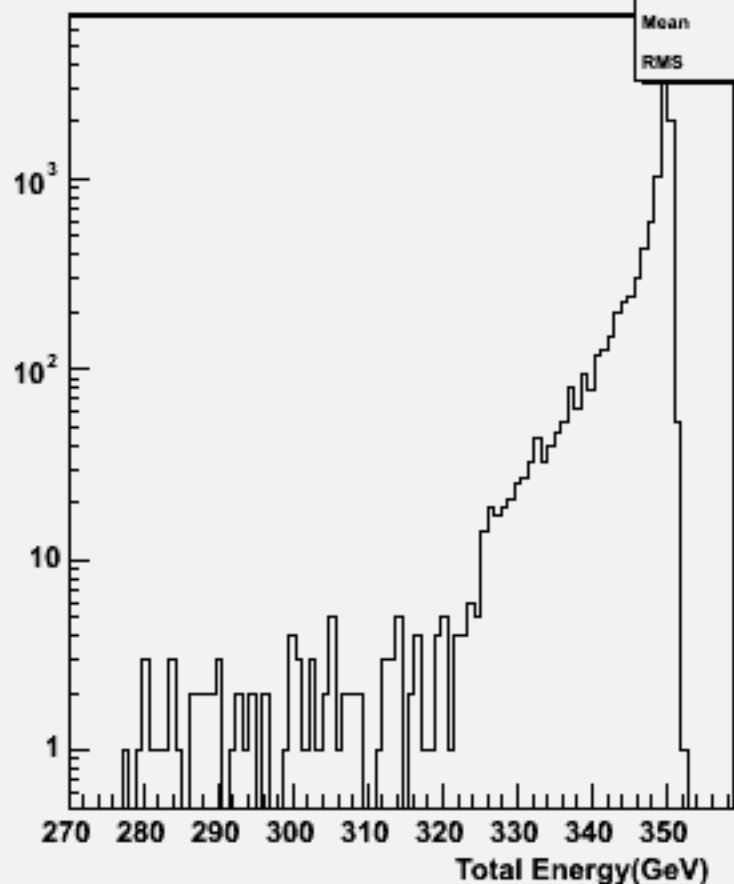
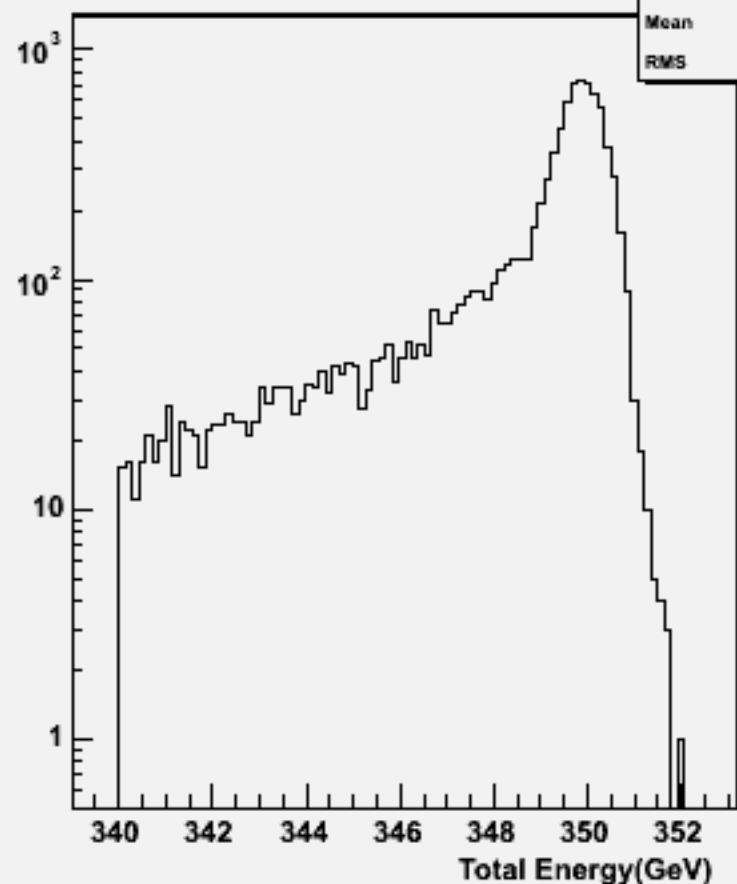
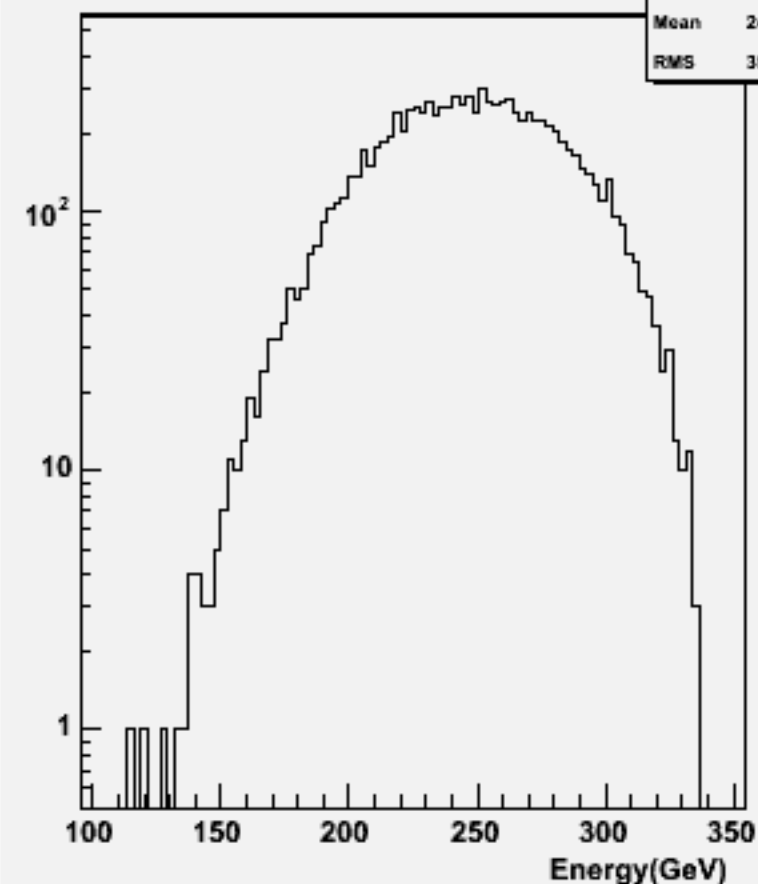


Pz Sum: w100957 e3e3ude1n1\_o

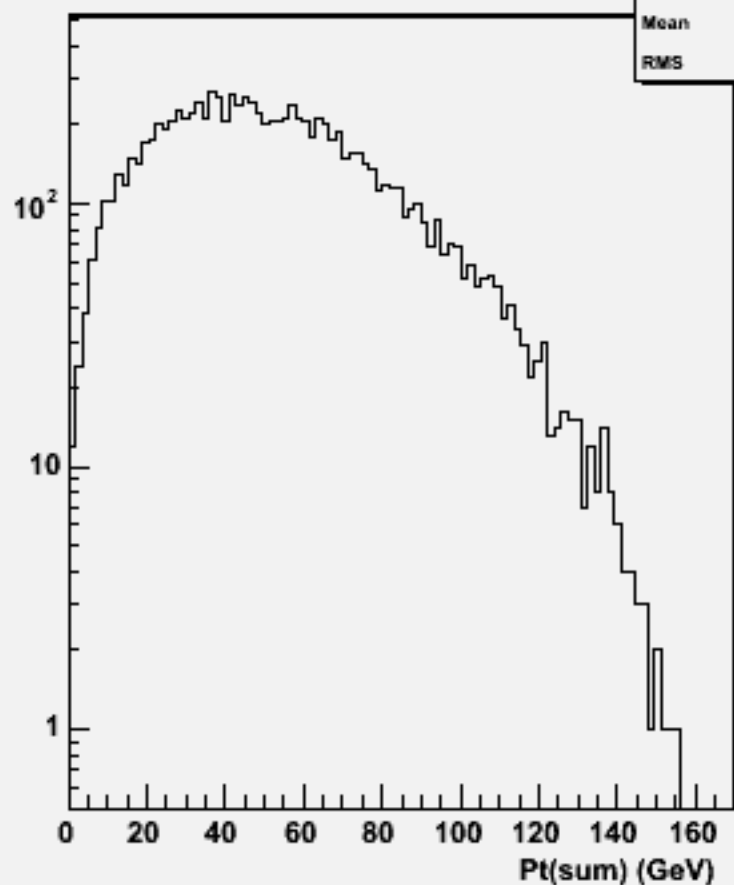


Thrust w100957 e3e3ude1n1\_o

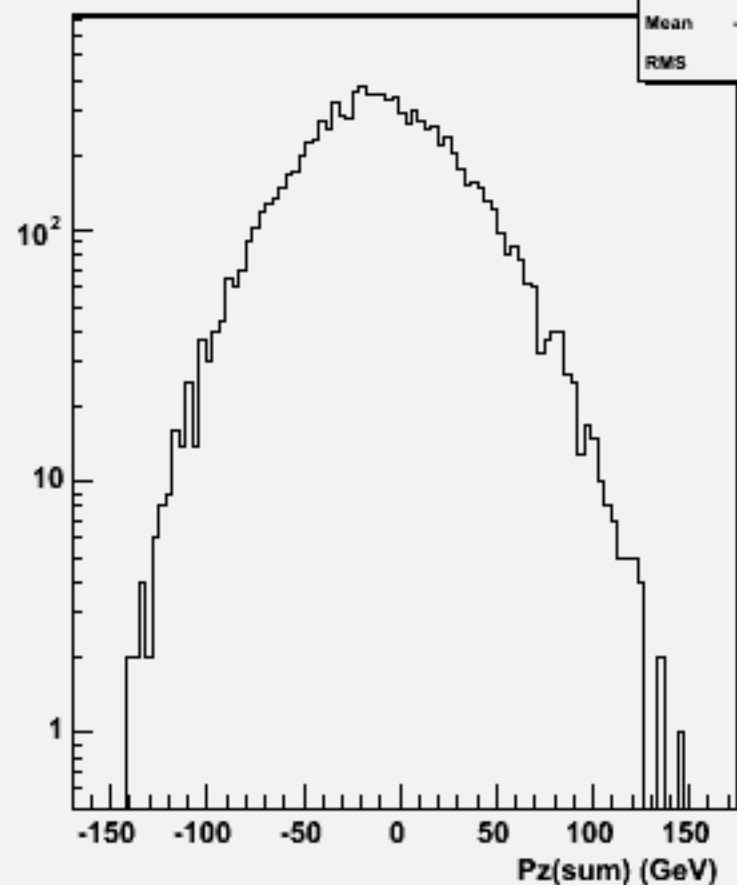


Total Energy (inc.  $\nu$ ): w100957 e3e3ude1n1\_oTotal Energy (inc.  $\nu$ ): w100957 e3e3ude1n1\_oTotal Energy (w/o  $\nu$ ): w100957 e3e3ude1n1\_o

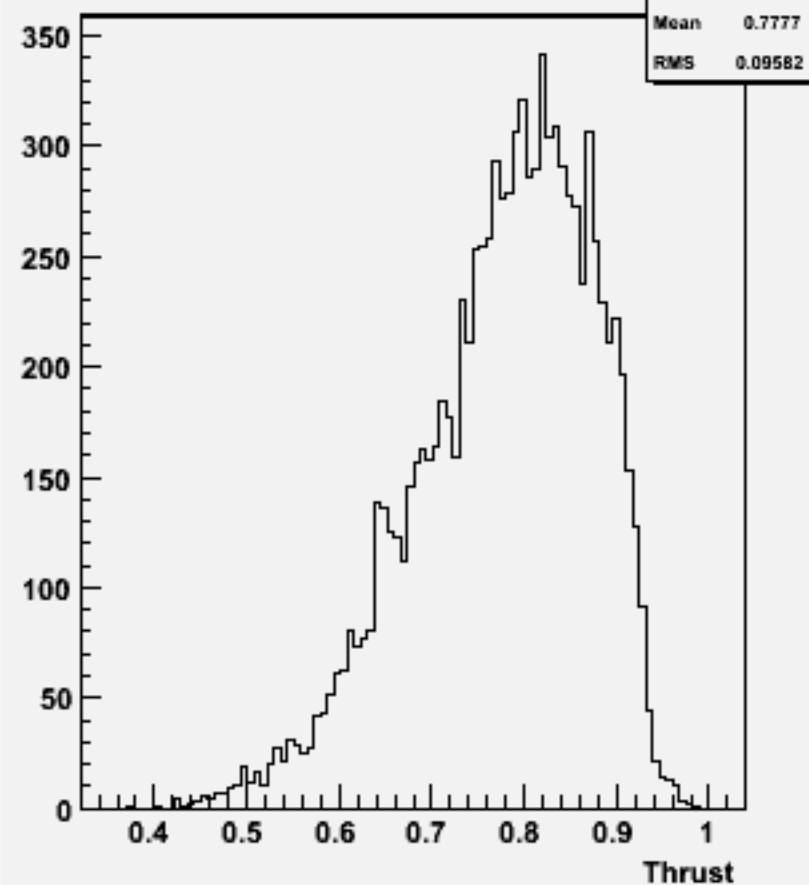
Pt Sum: w100957 e3e3ude1n1\_o

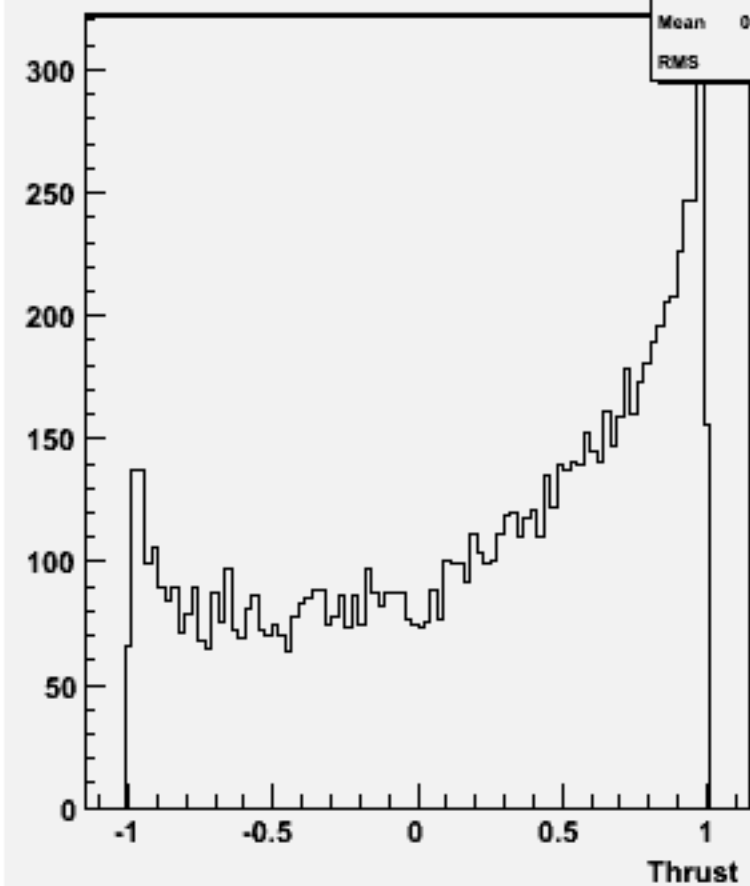


Pz Sum: w100957 e3e3ude1n1\_o



Thrust w100957 e3e3ude1n1\_o

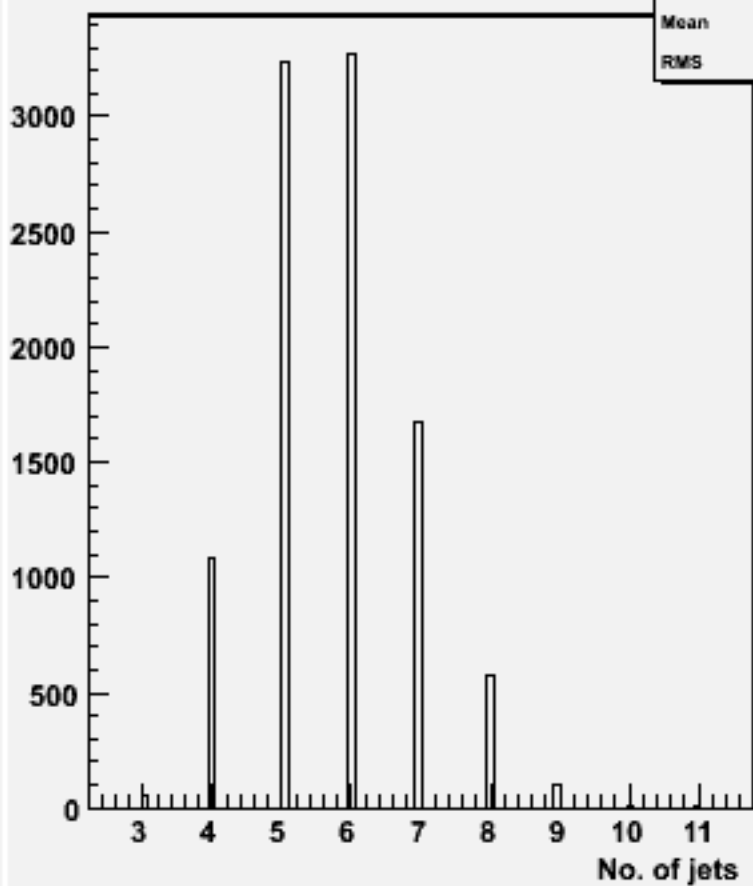


cos  $\Theta$ (thrust) w100957 e3e3ude1n1\_o

h\_csth

|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.1869 |
| RMS     | 0.613  |

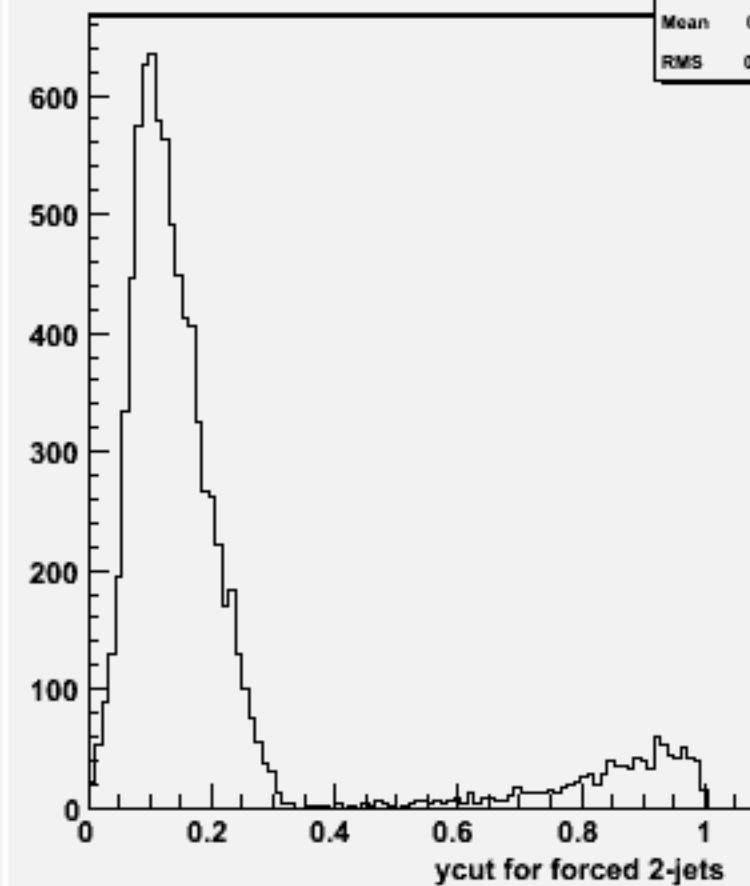
No. jets (ycut=0.001) : w100957 e3e3ude1n1\_o



h\_njets

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 5.764 |
| RMS     | 1.122 |

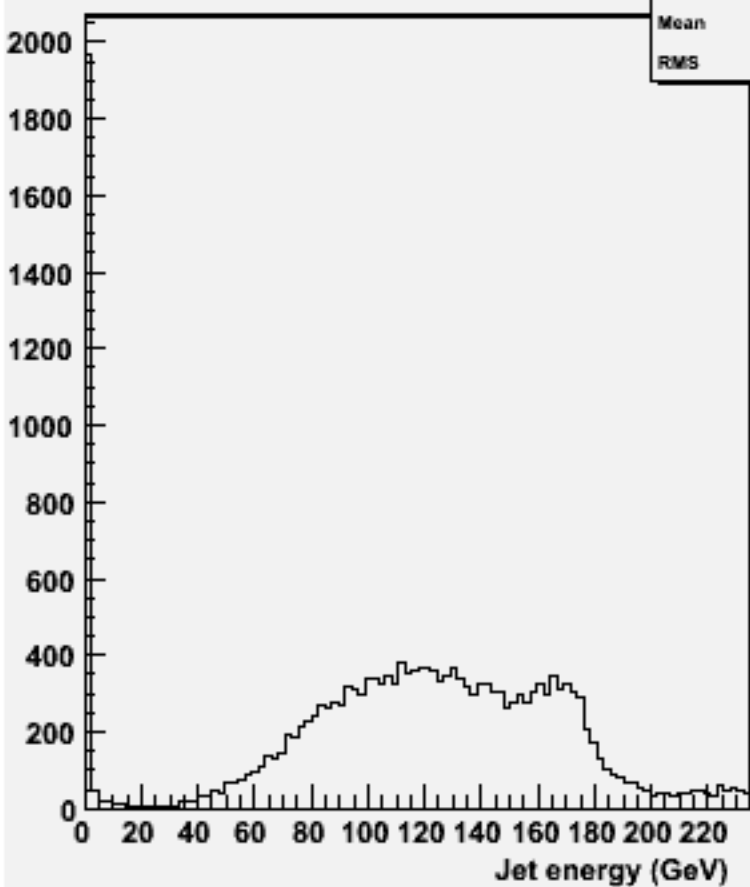
Ycut for 2-jets :w100957 e3e3ude1n1\_o



h\_yc2j

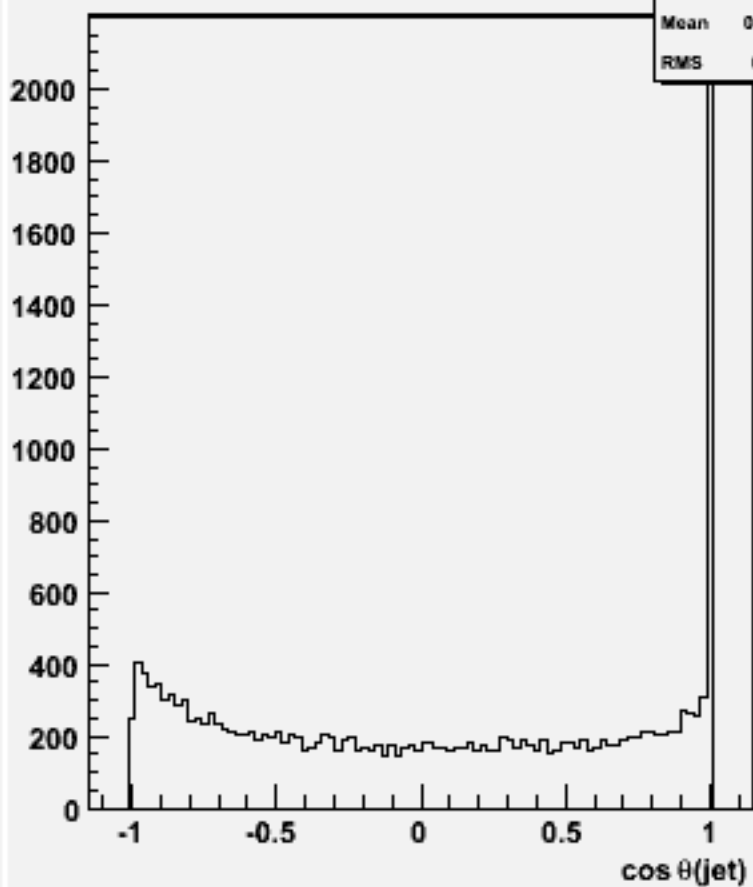
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.2121 |
| RMS     | 0.2344 |

energy for 2-jets :w100957 e3e3ude1n1\_o



h\_j0e

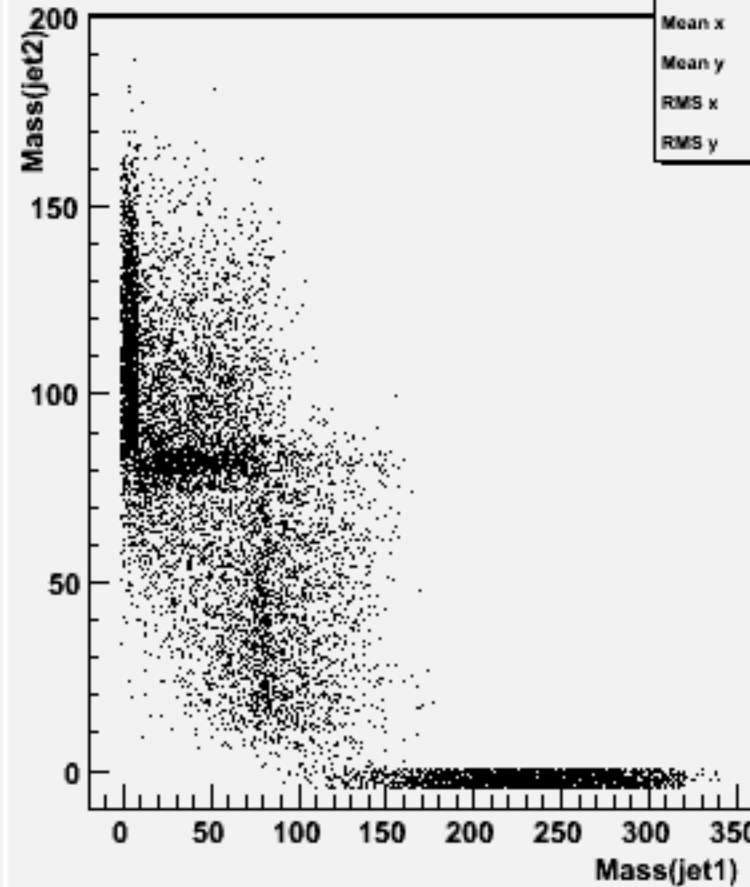
|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 113.5 |
| RMS     | 54.83 |

cos  $\theta$  for 2-jets :w100957 e3e3ude1n1\_o

h\_j0cs

|         |         |
|---------|---------|
| Entries | 20000   |
| Mean    | 0.04161 |
| RMS     | 0.6755  |

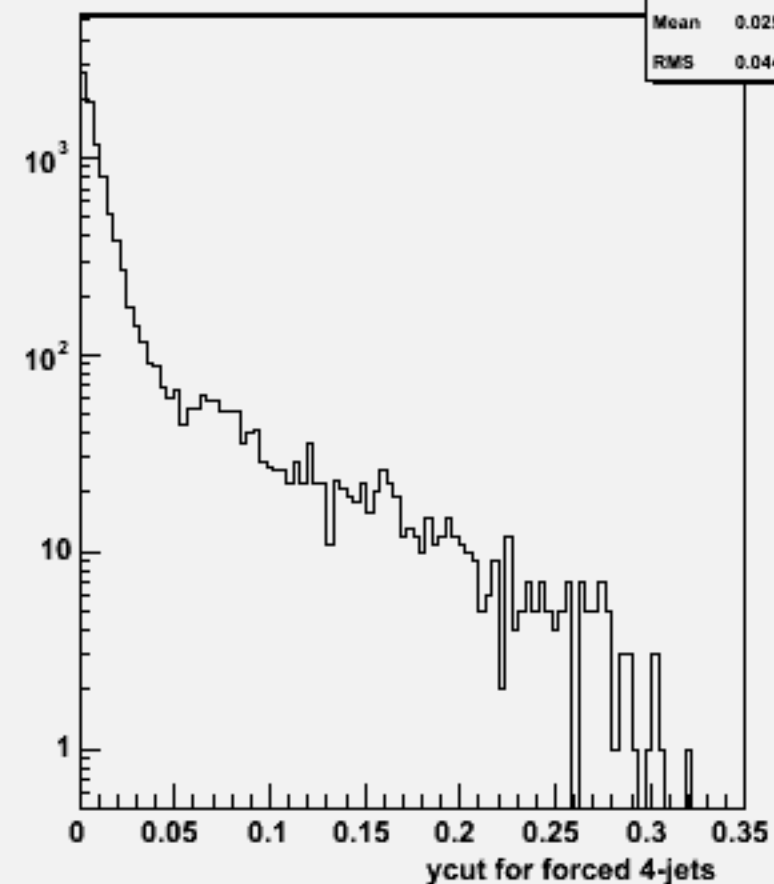
Jet mass for forced 2-jets : w100957 e3e3ude1n1\_o



h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 86.03 |
| Mean y  | 63.32 |
| RMS x   | 86.06 |
| RMS y   | 44.94 |

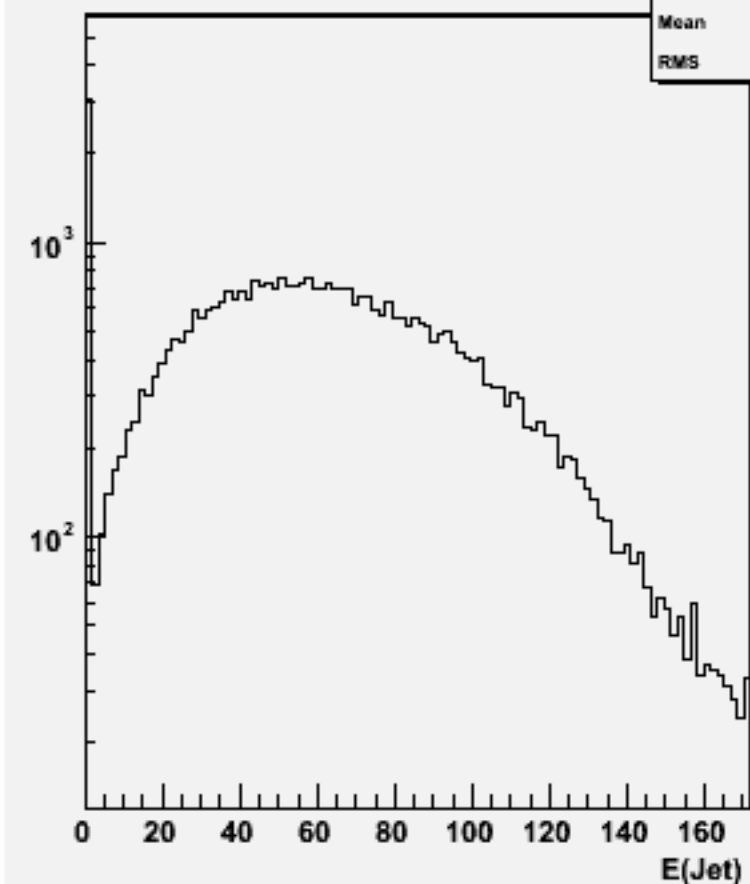
Ycut for 4-jets :w100957 e3e3ude1n1\_o



h\_yc4j

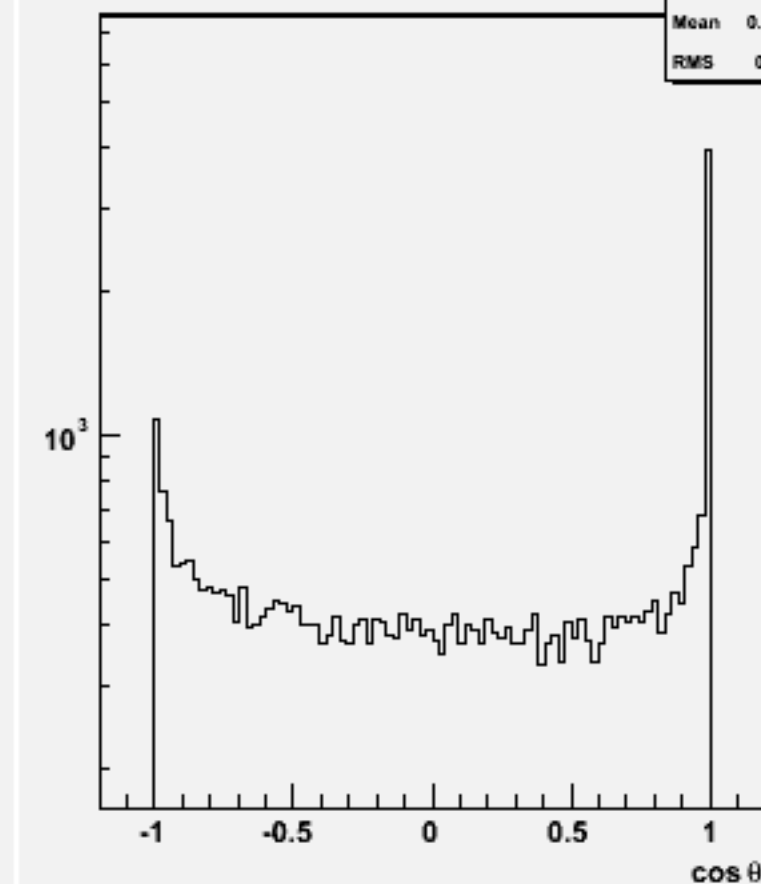
|         |         |
|---------|---------|
| Entries | 9949    |
| Mean    | 0.02502 |
| RMS     | 0.04468 |

Jet energies(All jets)w100957 e3e3ude1n1\_o



ha\_j0e

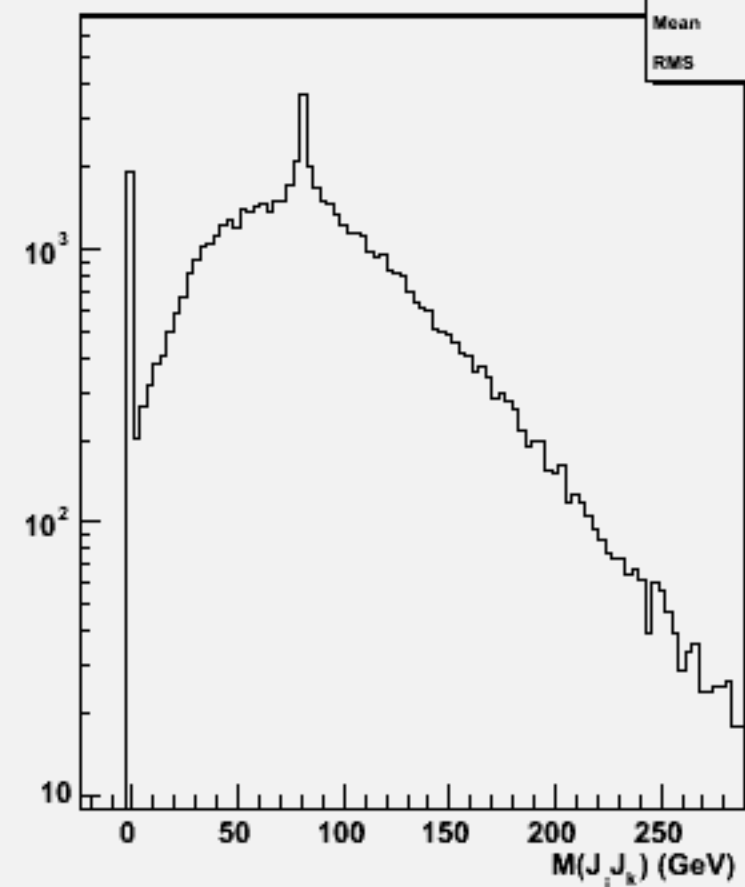
|         |       |
|---------|-------|
| Entries | 39796 |
| Mean    | 61.22 |
| RMS     | 36.77 |

Jet cos  $\theta$  (All jets)w100957 e3e3ude1n1\_o

ha\_j0cs

|         |         |
|---------|---------|
| Entries | 39796   |
| Mean    | 0.05011 |
| RMS     | 0.6617  |

2jets mass(All comb)w100957 e3e3ude1n1\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 59694 |
| Mean    | 86.75 |
| RMS     | 49.97 |