

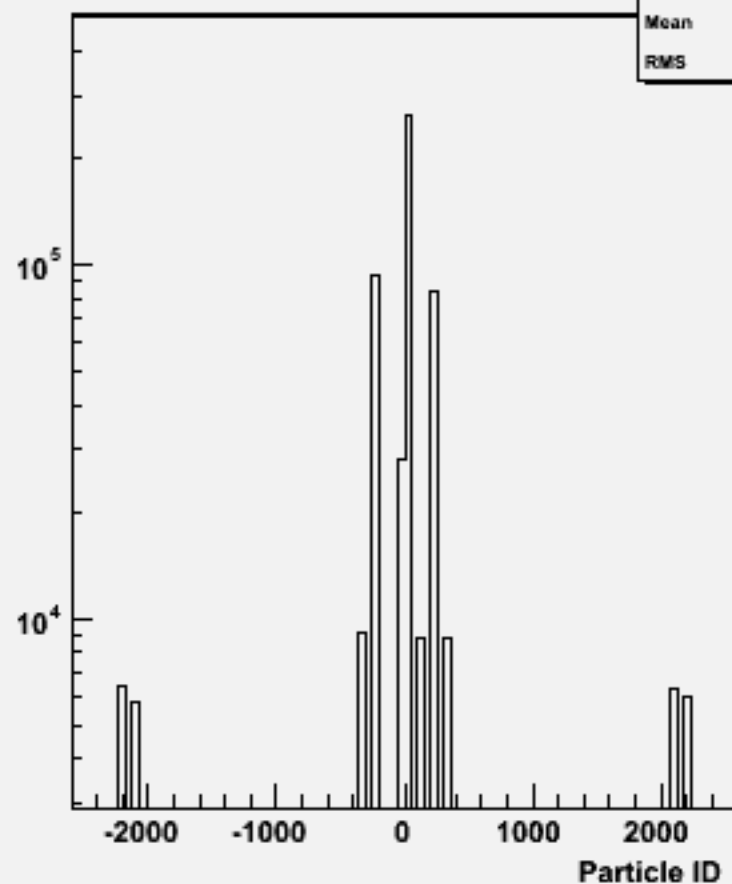
# Generator file information: w100928 e3e3n2e2du\_o

process\_id=w100928  
job\_date\_time=100625-222516  
process\_name=e3e3n2e2du\_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=0.547140277779608  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w100928\_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/w100928/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w100928/run_01)  
comment=

Particle ID : w100928 e3e3n2e2du\_o

h\_id

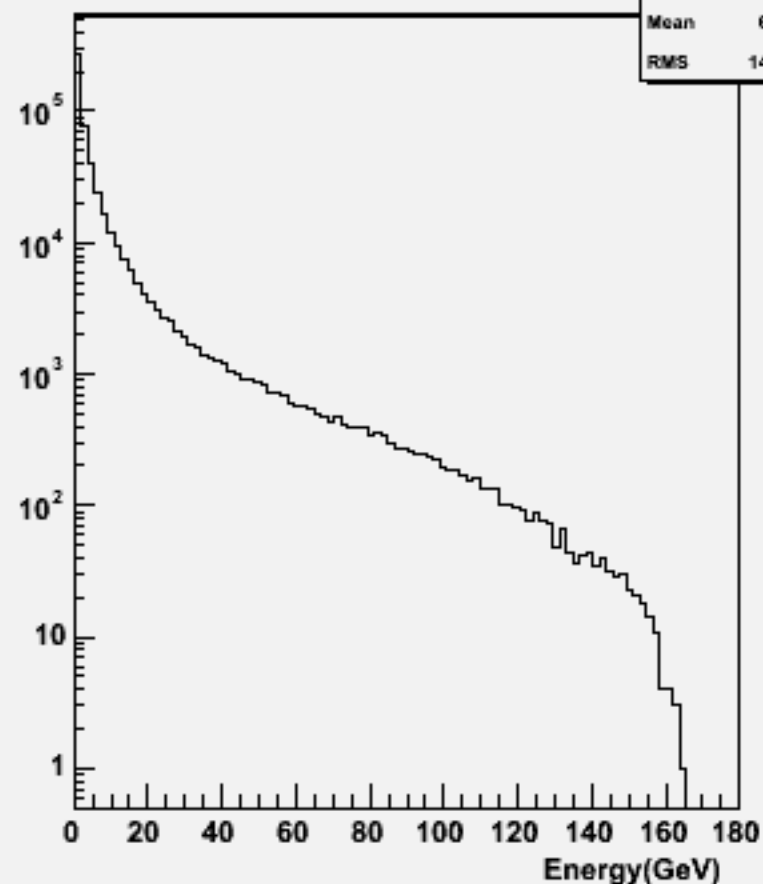
|         |        |
|---------|--------|
| Entries | 520275 |
| Mean    | 8.121  |
| RMS     | 490.6  |



Particle Energy : w100928 e3e3n2e2du\_o

h\_e

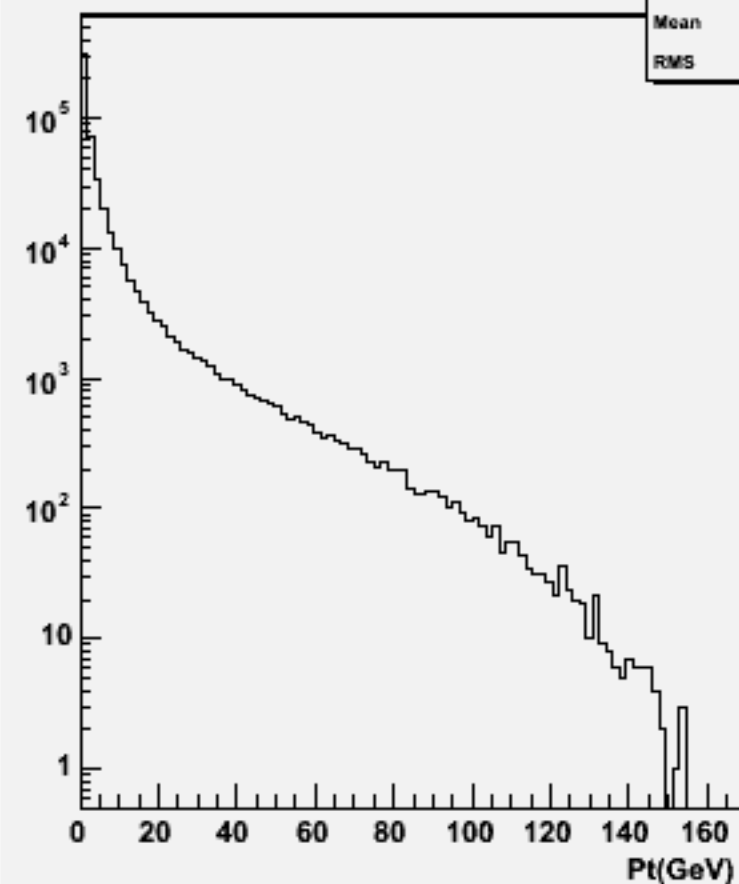
|         |        |
|---------|--------|
| Entries | 520275 |
| Mean    | 6.68   |
| RMS     | 14.95  |



Particle Pt : w100928 e3e3n2e2du\_o

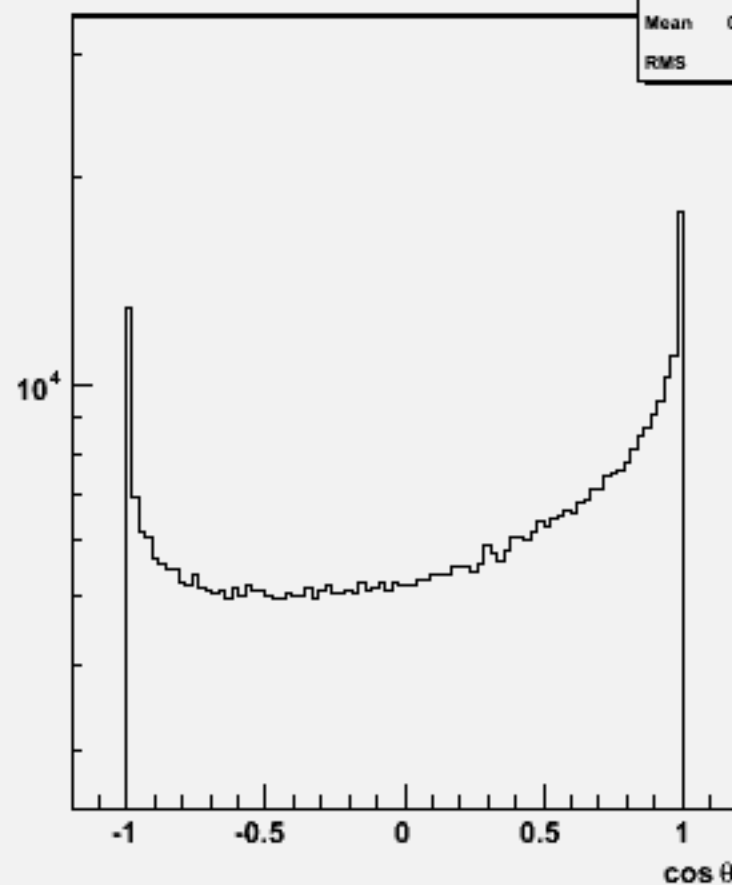
h\_pt

|         |        |
|---------|--------|
| Entries | 520275 |
| Mean    | 4.805  |
| RMS     | 11.46  |

Particle cos $\theta$  : w100928 e3e3n2e2du\_o

h\_cs

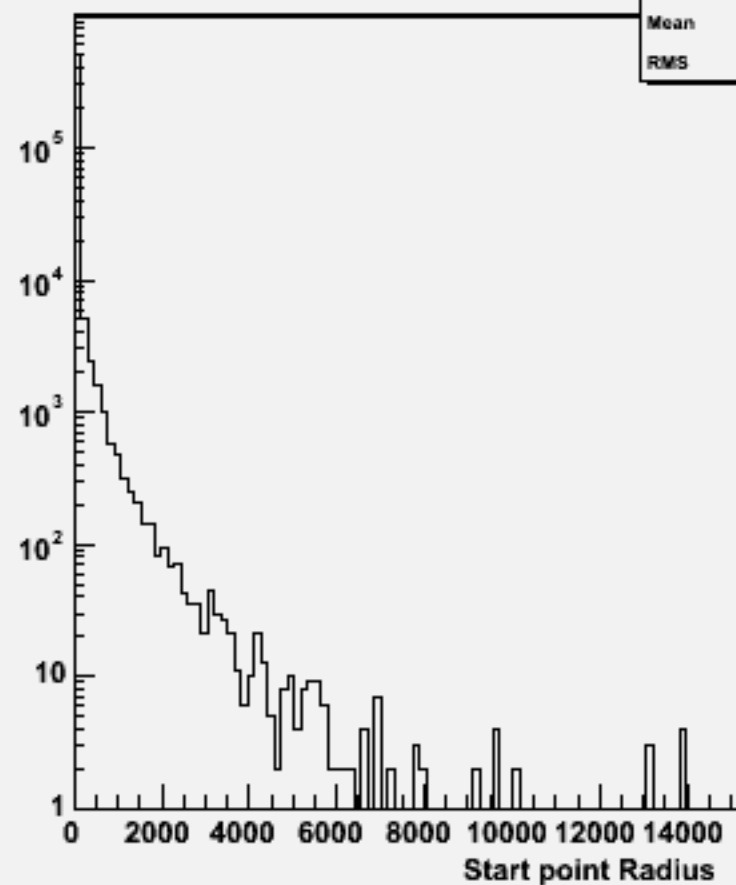
|         |         |
|---------|---------|
| Entries | 520275  |
| Mean    | 0.09041 |
| RMS     | 0.6262  |



Start point R : w100928 e3e3n2e2du\_o

h\_vr

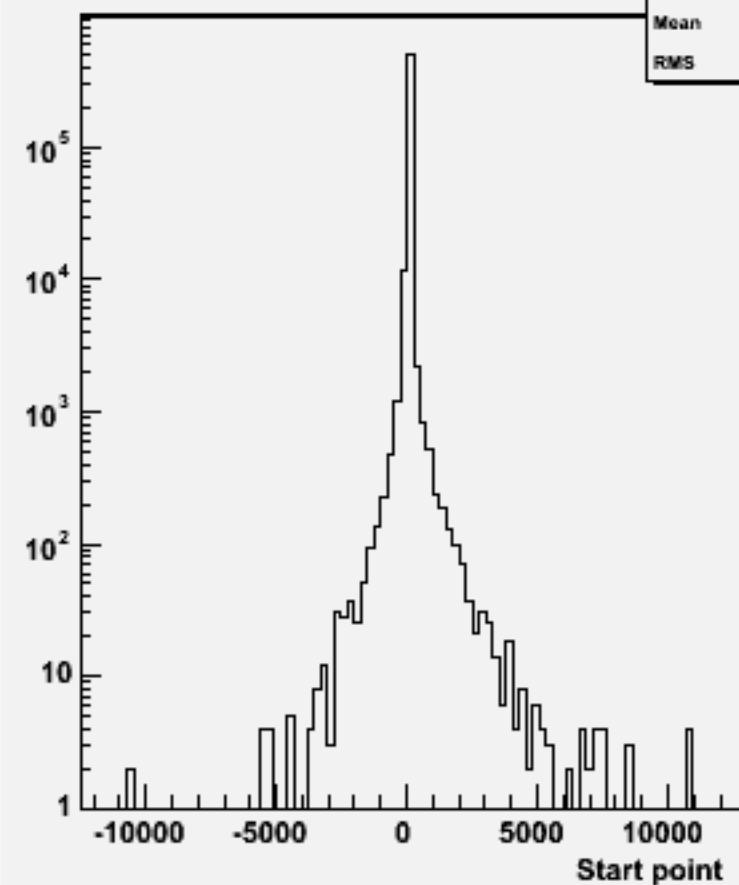
|         |        |
|---------|--------|
| Entries | 520275 |
| Mean    | 18.23  |
| RMS     | 163.7  |

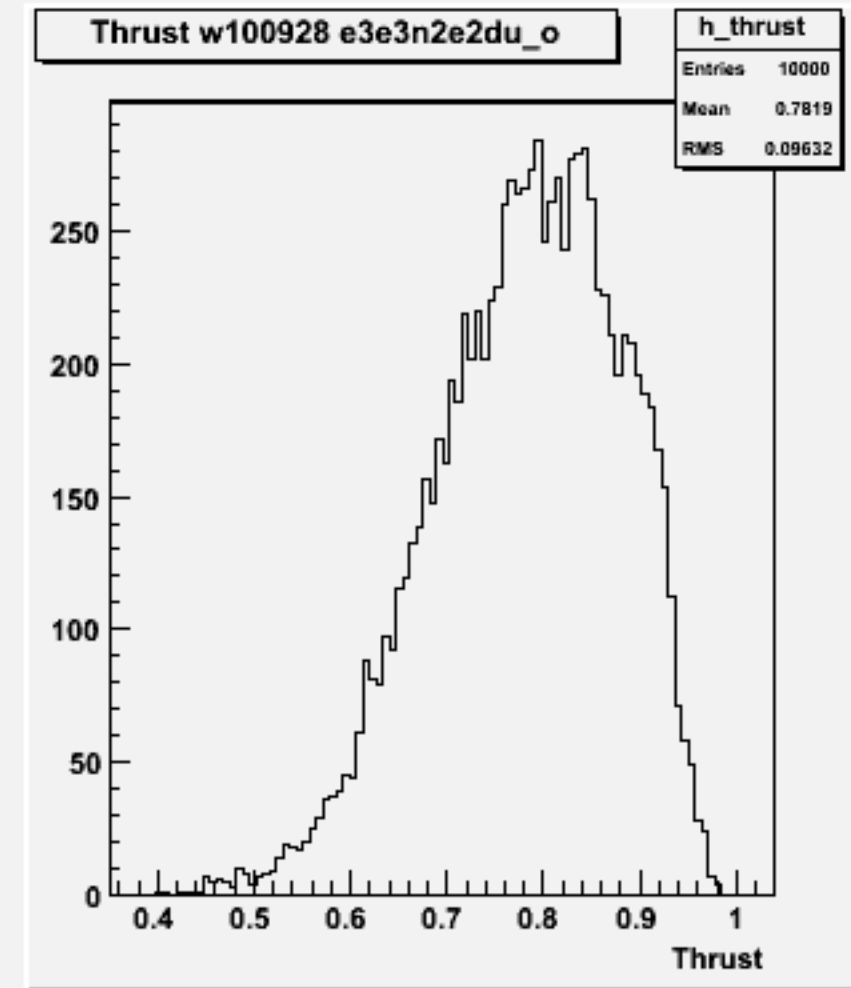
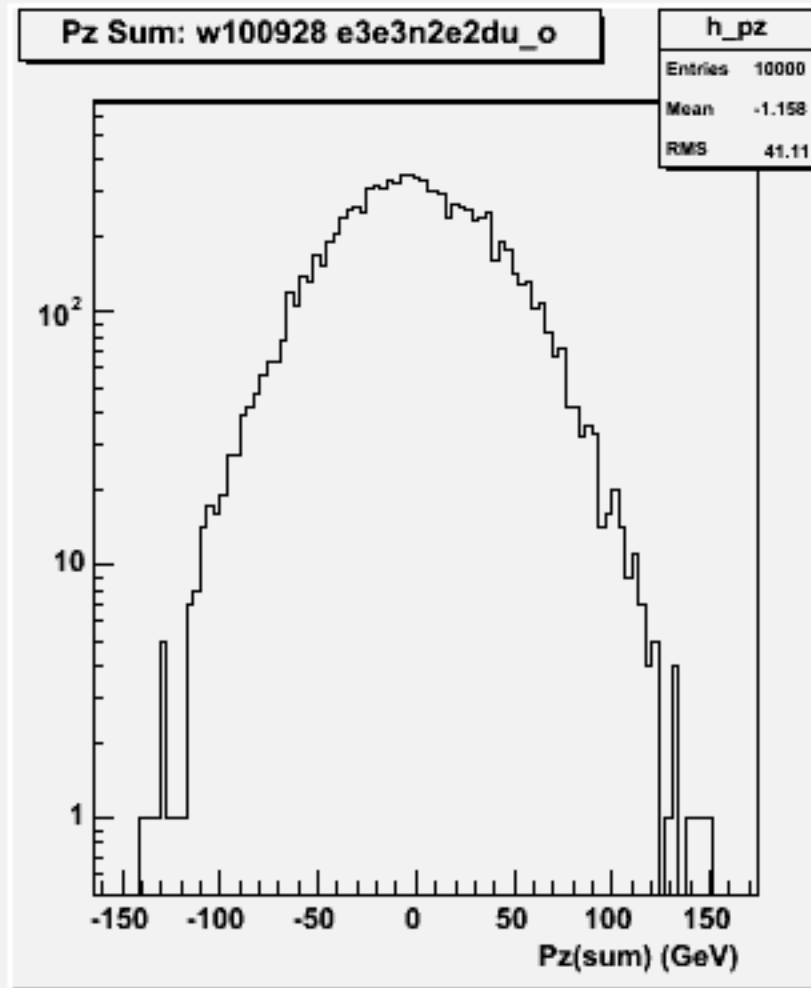
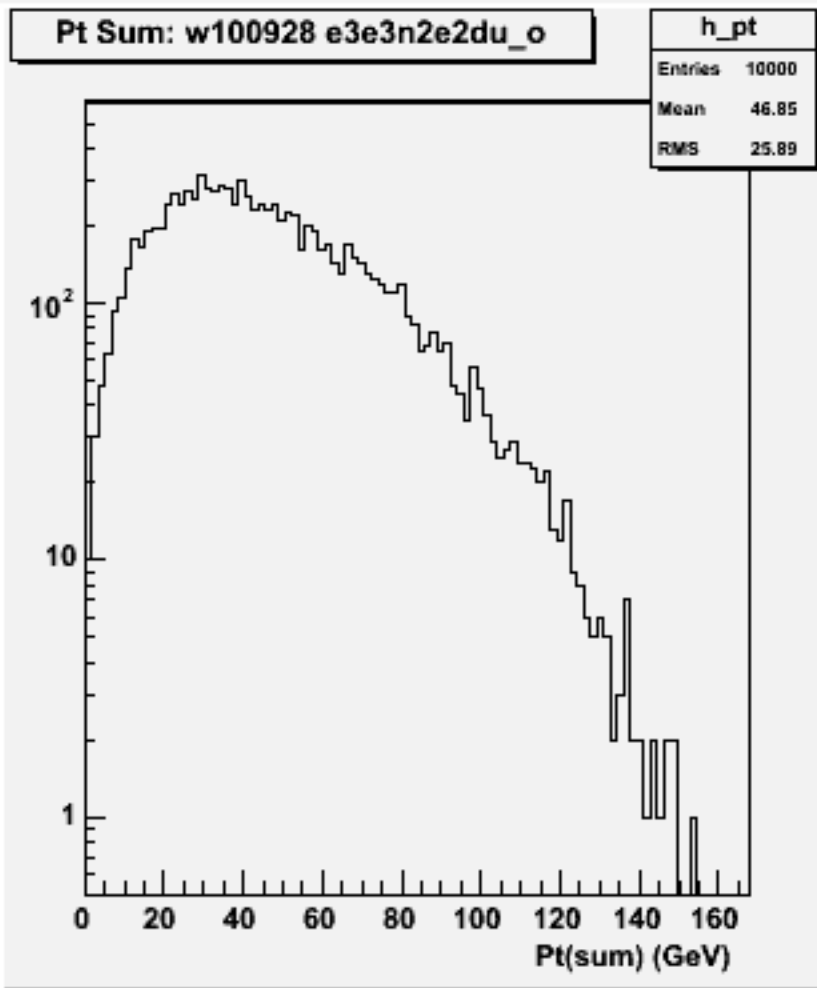
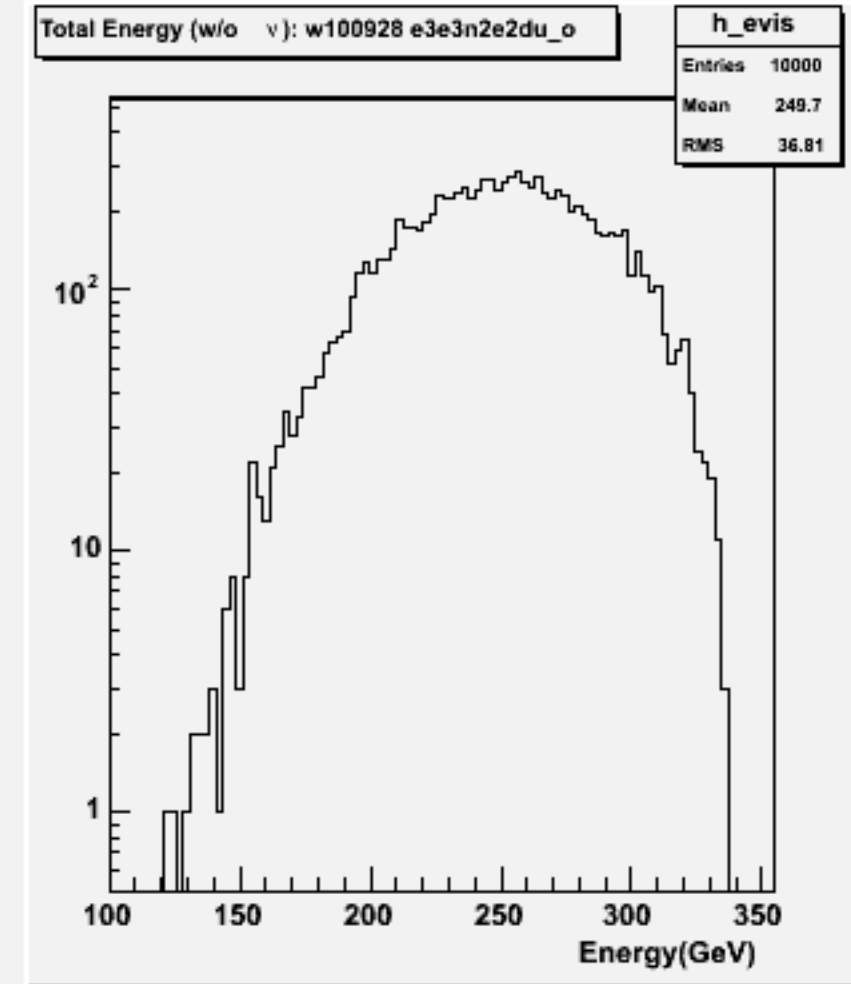
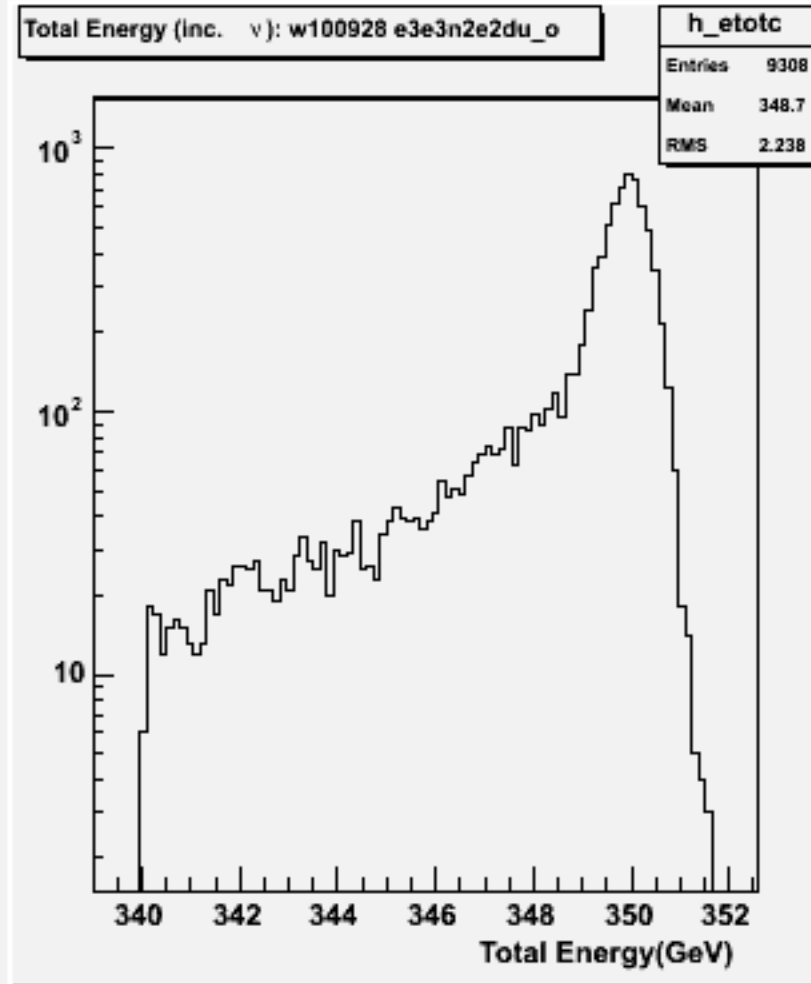
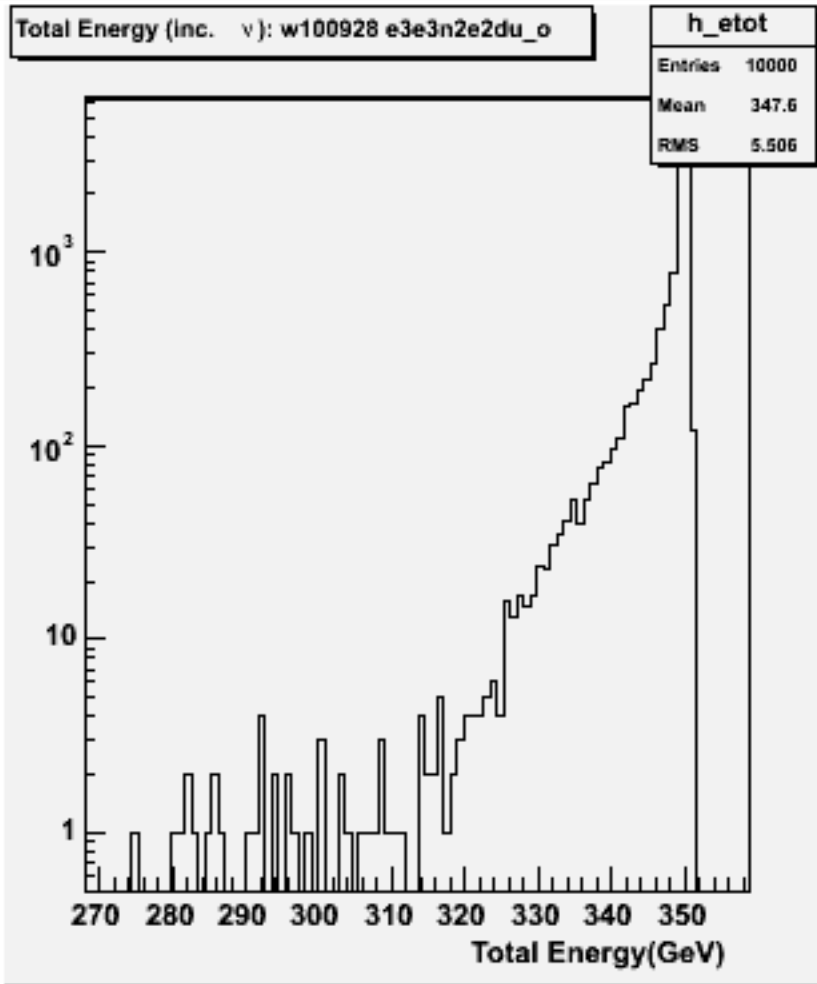


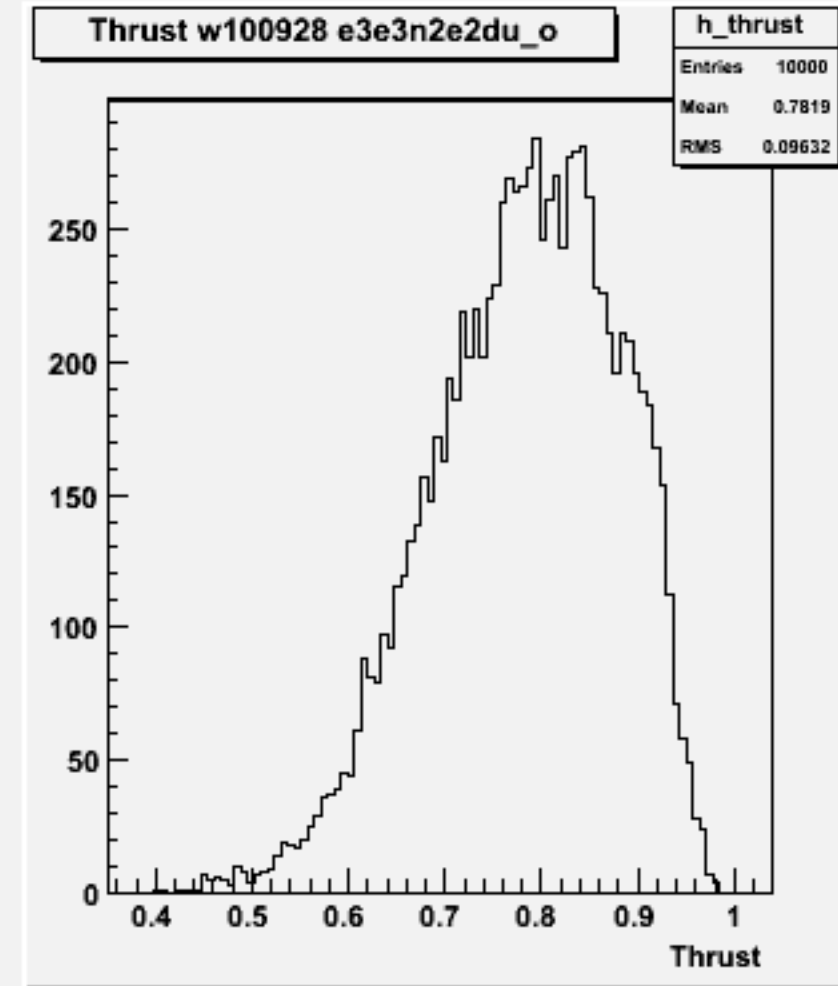
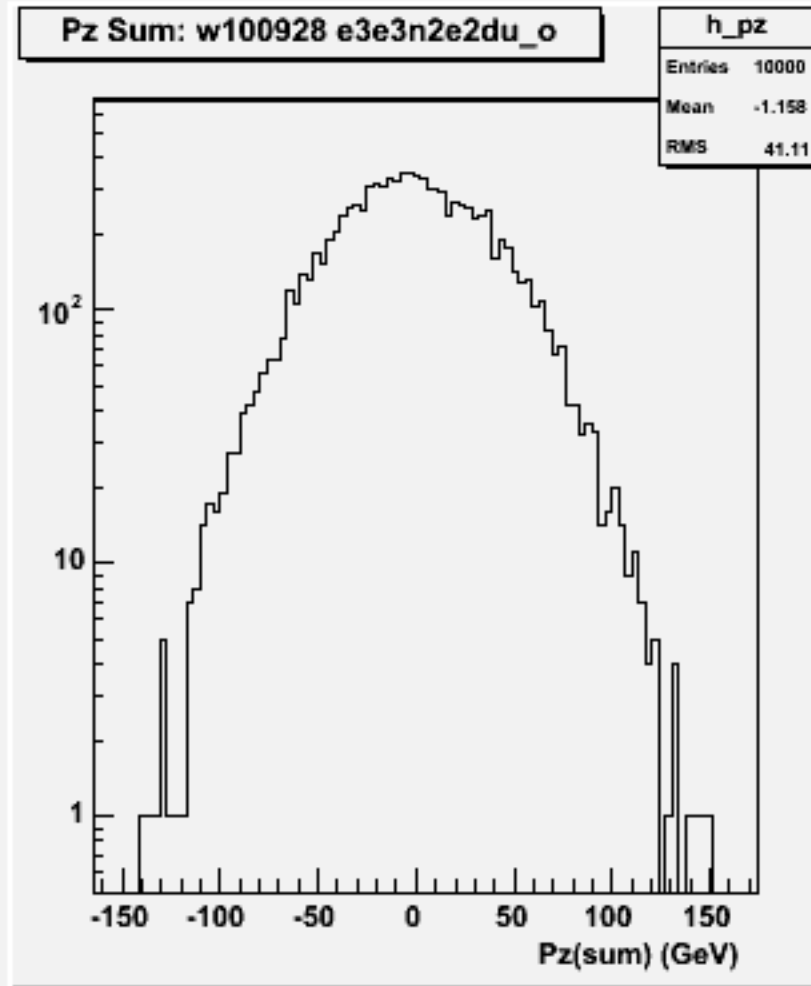
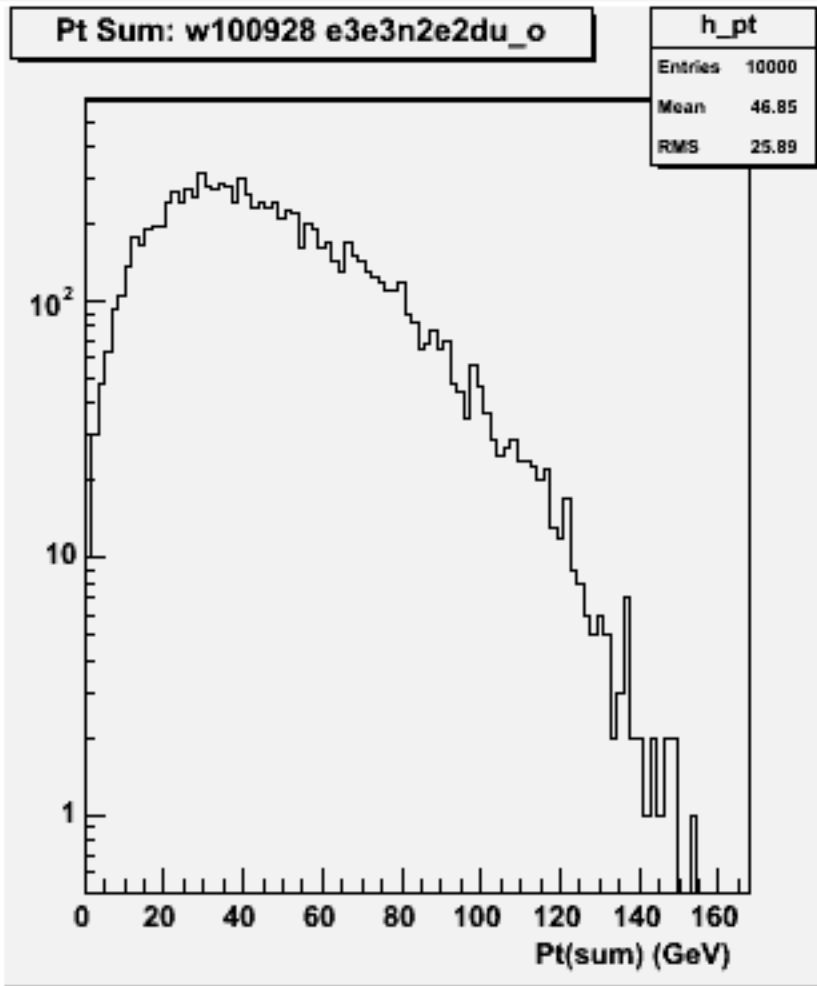
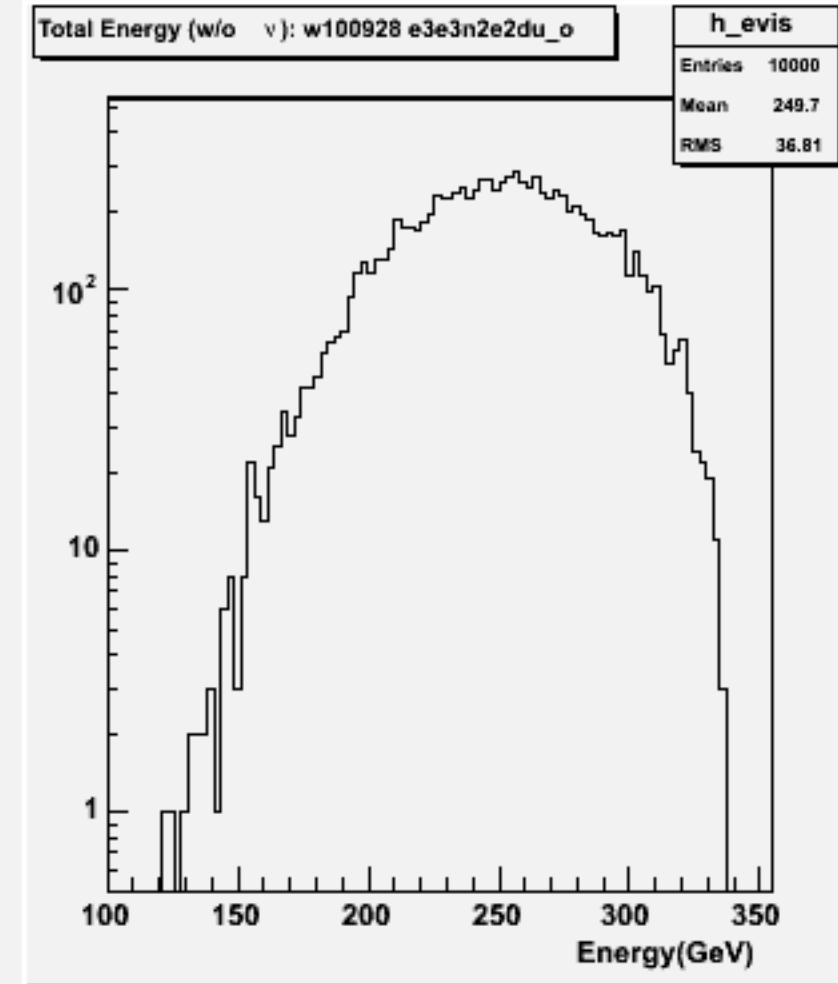
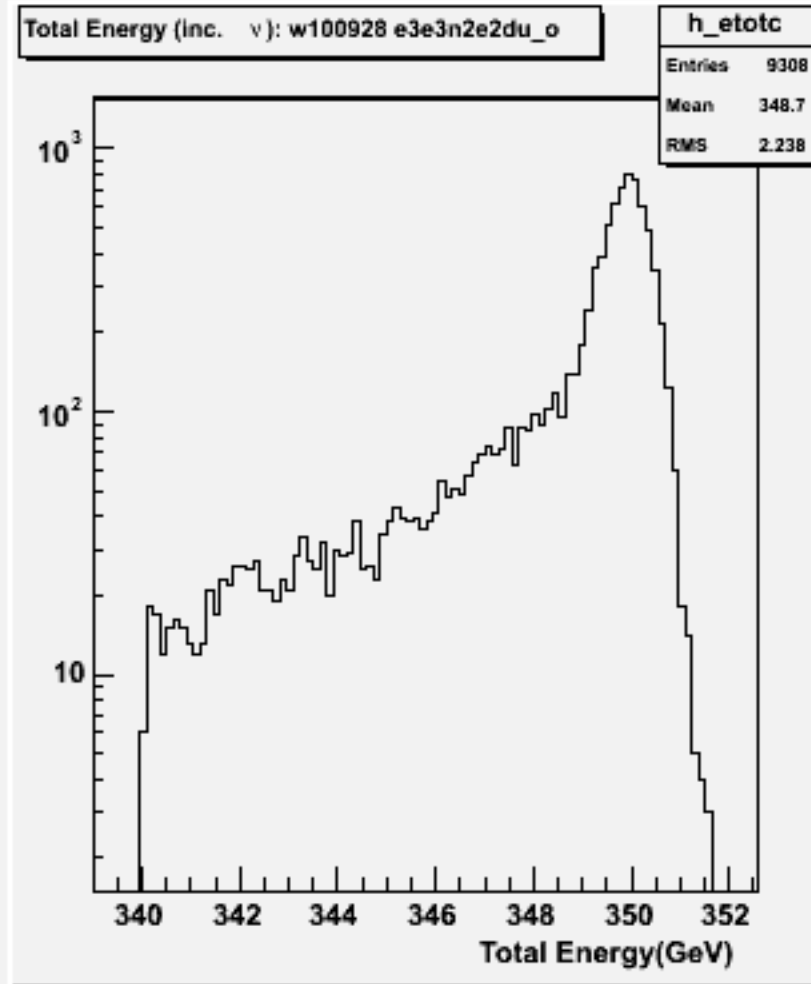
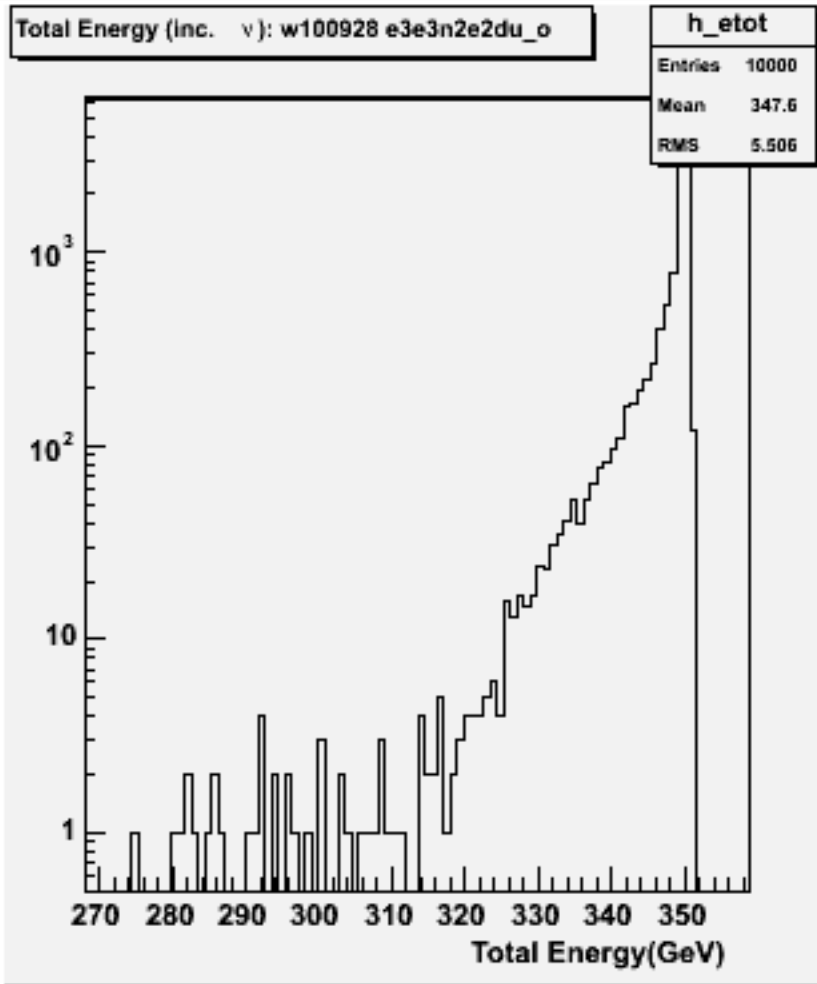
Start point Z : w100928 e3e3n2e2du\_o

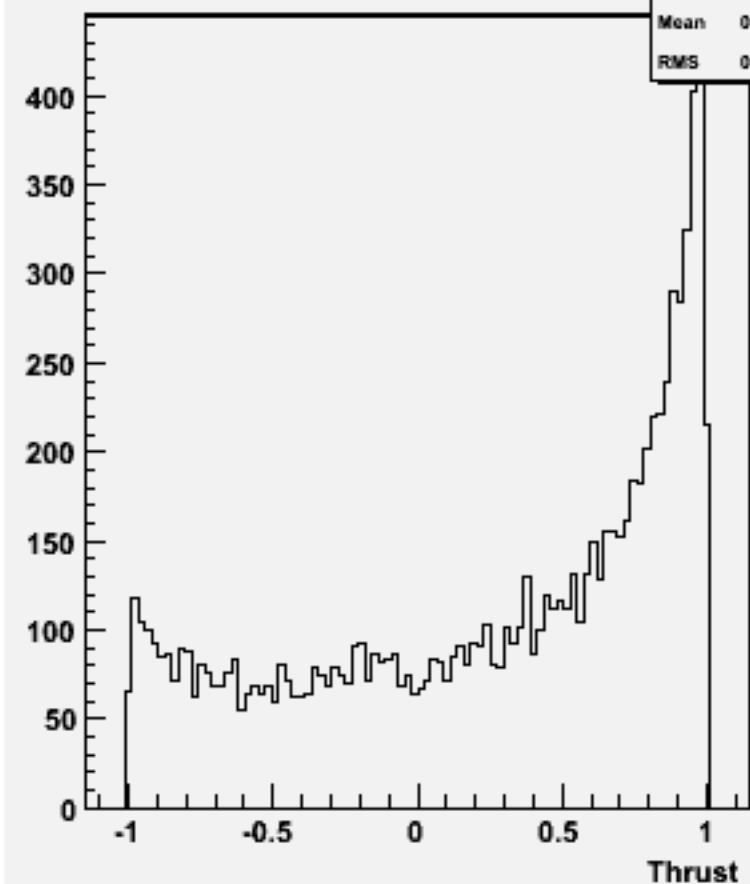
h\_vz

|         |        |
|---------|--------|
| Entries | 520275 |
| Mean    | 4.113  |
| RMS     | 131.6  |





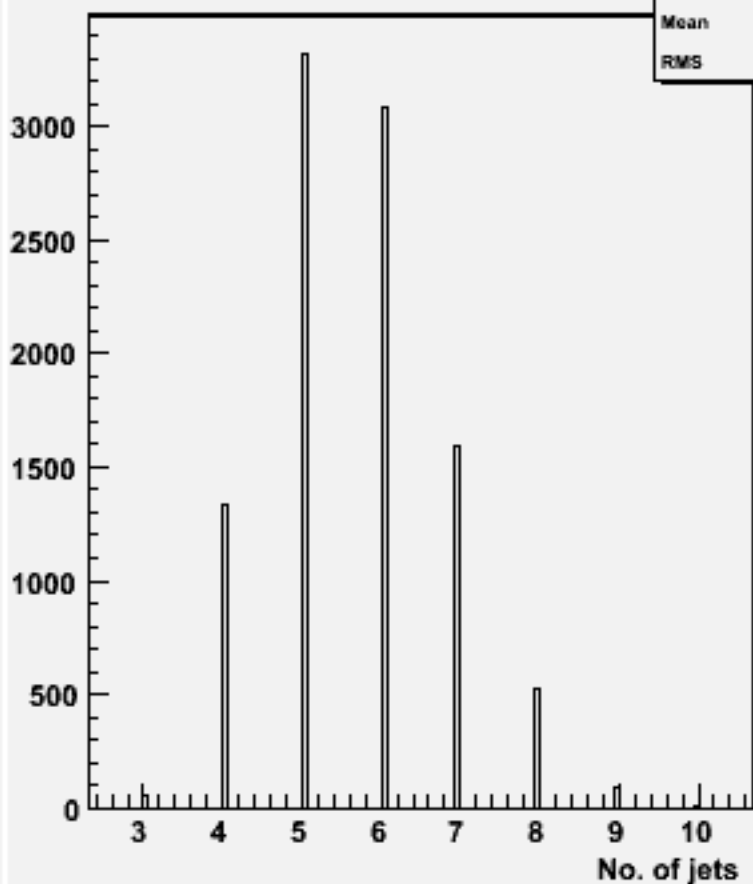


cos  $\Theta$ (thrust) w100928 e3e3n2e2du\_o

h\_csth

|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.2509 |
| RMS     | 0.6233 |

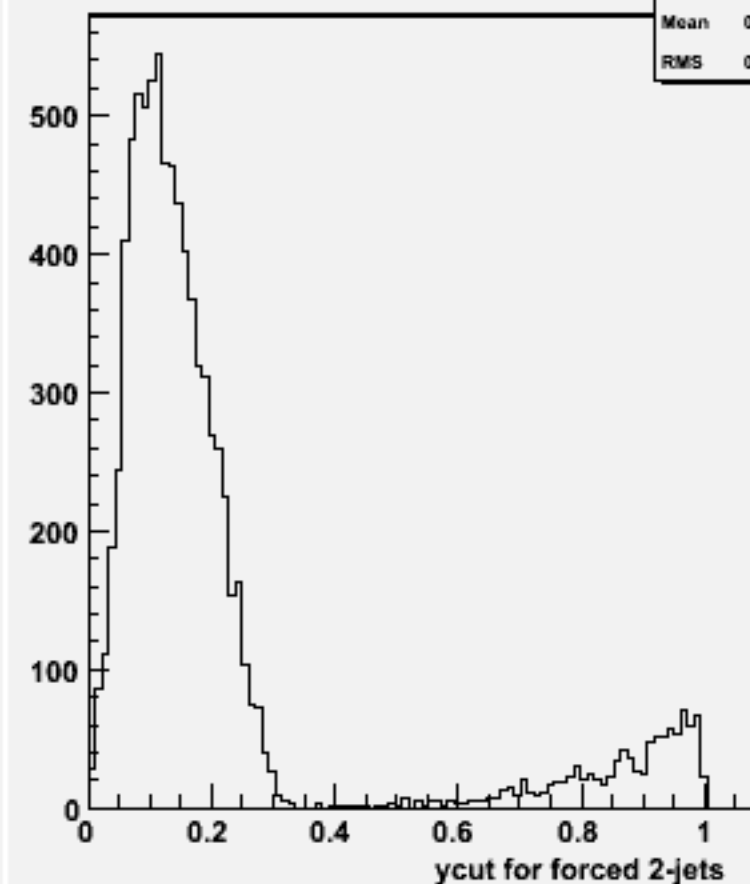
No. jets (ycut=0.001) : w100928 e3e3n2e2du\_o



h\_njets

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 5.683 |
| RMS     | 1.131 |

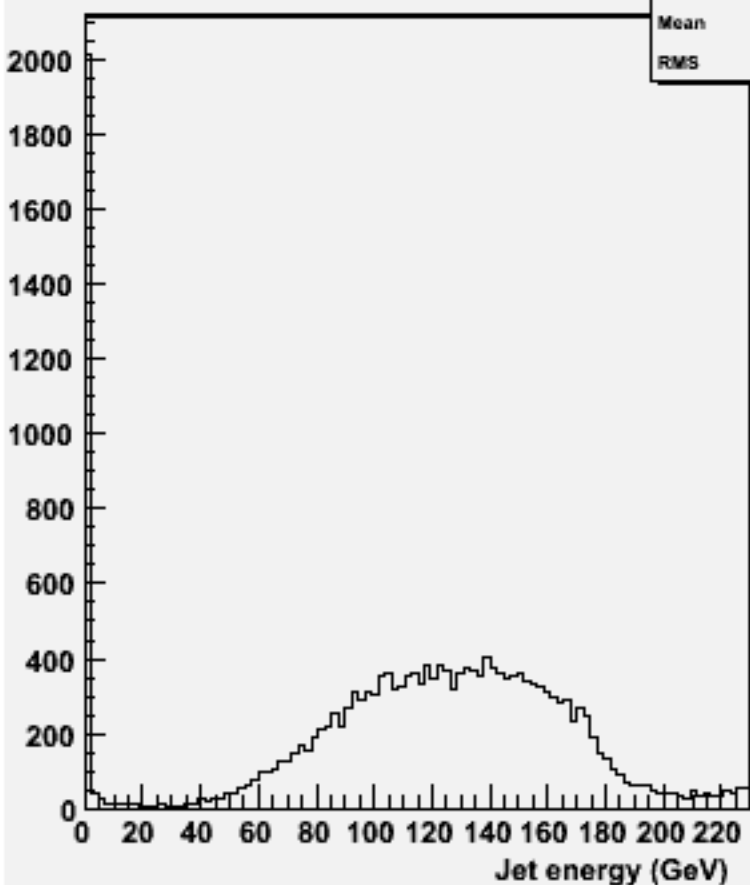
Ycut for 2-jets :w100928 e3e3n2e2du\_o



h\_yc2j

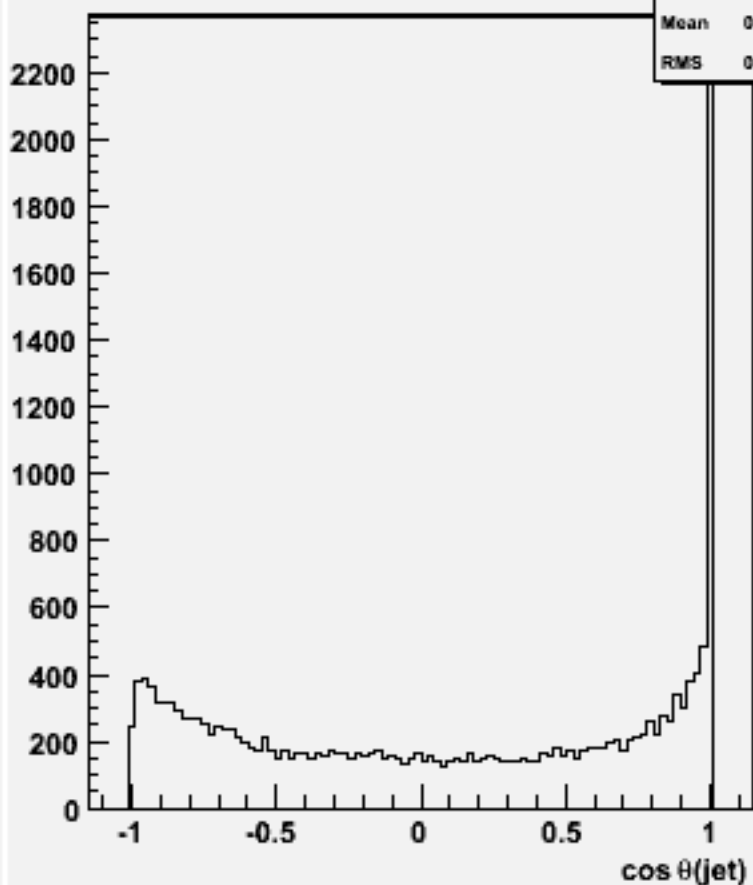
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.2168 |
| RMS     | 0.2432 |

energy for 2-jets :w100928 e3e3n2e2du\_o



h\_j0e

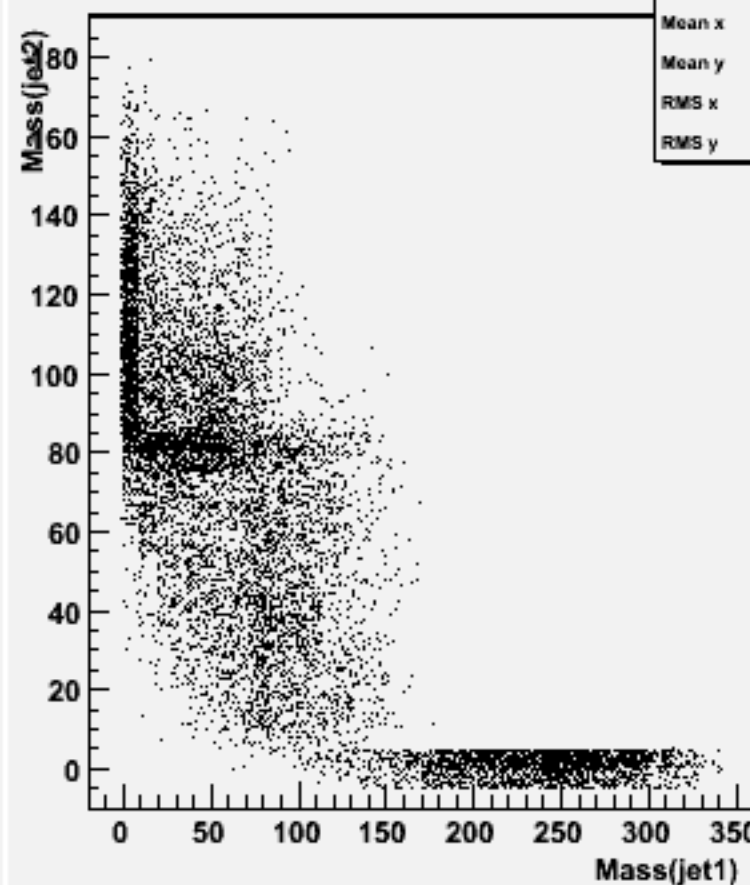
|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 113.5 |
| RMS     | 53.79 |

cos  $\theta$  for 2-jets :w100928 e3e3n2e2du\_o

h\_j0cs

|         |        |
|---------|--------|
| Entries | 20000  |
| Mean    | 0.0883 |
| RMS     | 0.6979 |

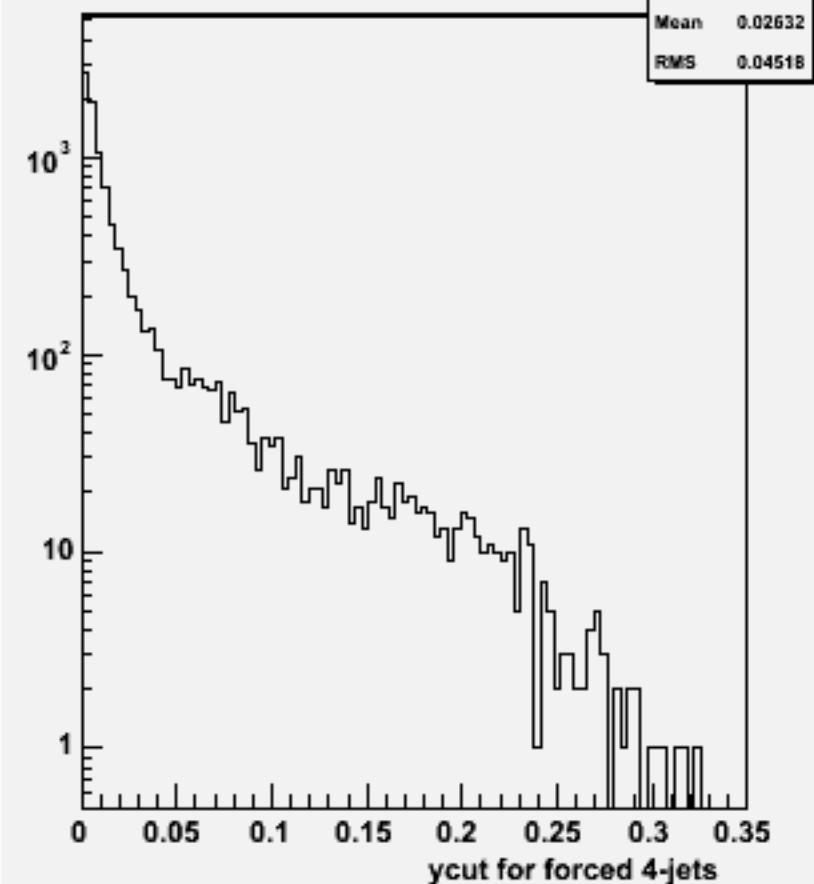
Jet mass for forced 2-jets : w100928 e3e3n2e2du\_o



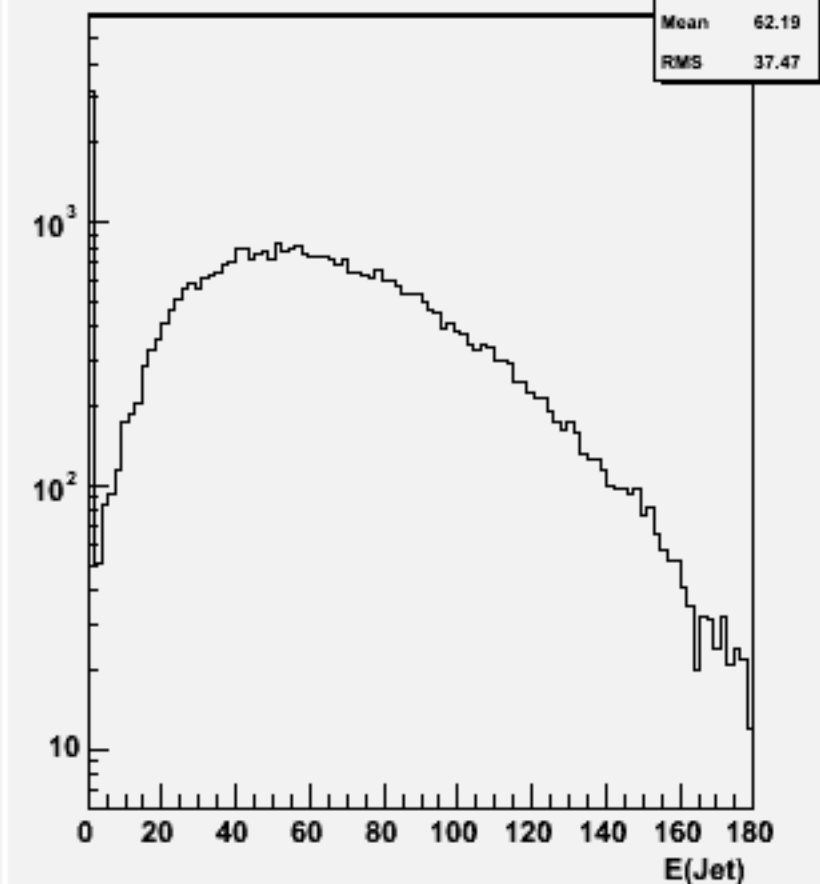
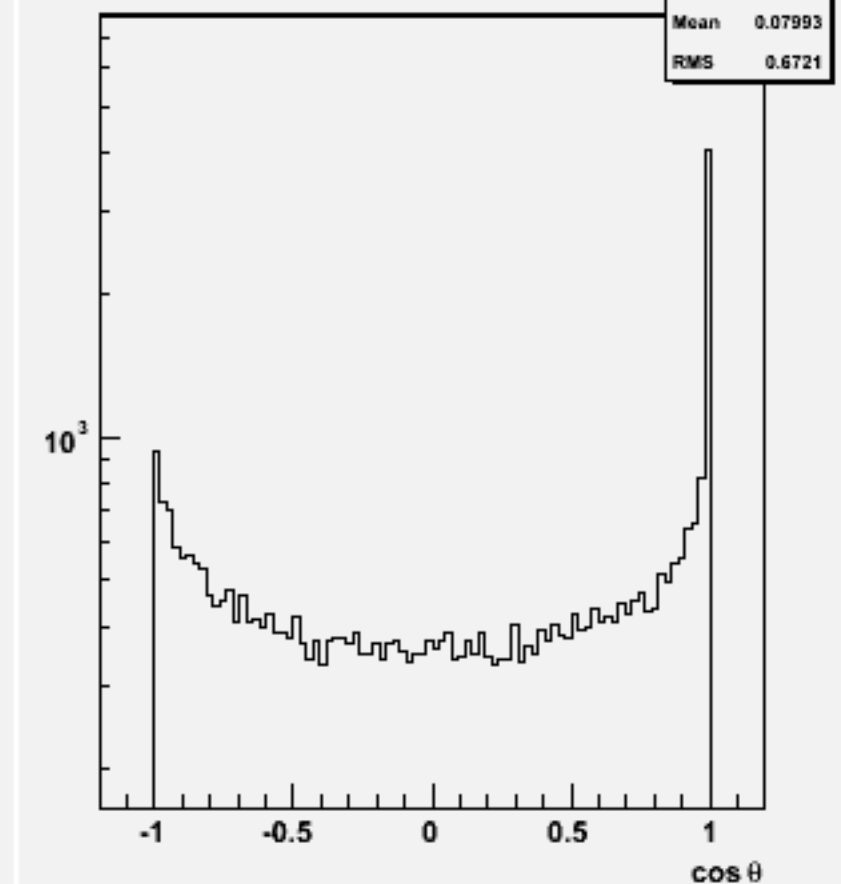
h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 90.88 |
| Mean y  | 61.85 |
| RMS x   | 86.99 |
| RMS y   | 44.91 |

Ycut for 4-jets :w100928 e3e3n2e2du\_o



Jet energies(All jets)w100928 e3e3n2e2du\_o

Jet cos  $\theta$  (All jets)w100928 e3e3n2e2du\_o

2jets mass(All comb)w100928 e3e3n2e2du\_o

