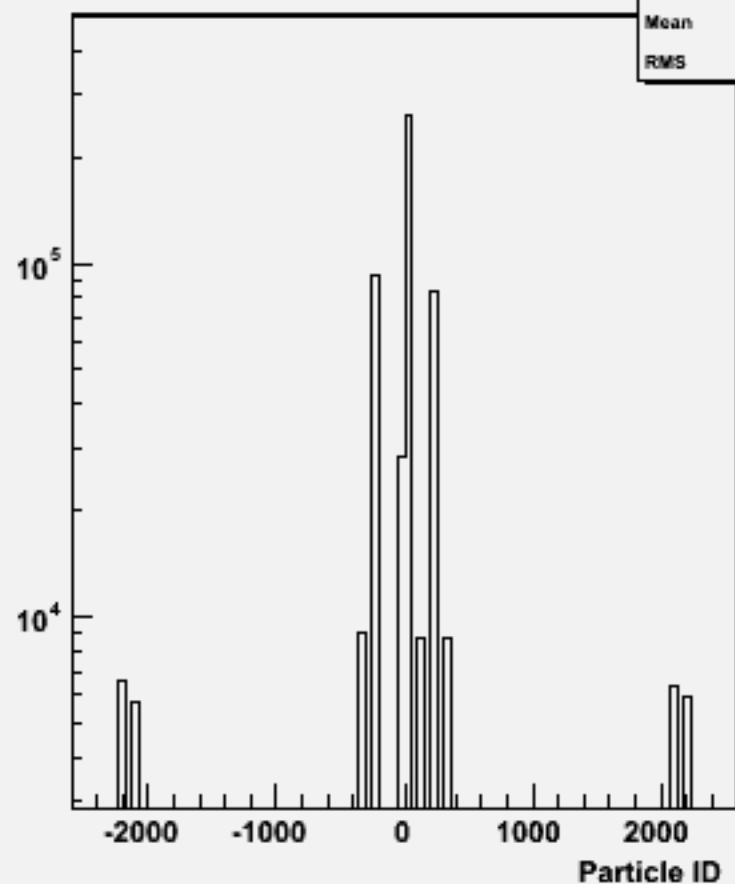


# Generator file information: w100929 e3e3n2e2du\_o

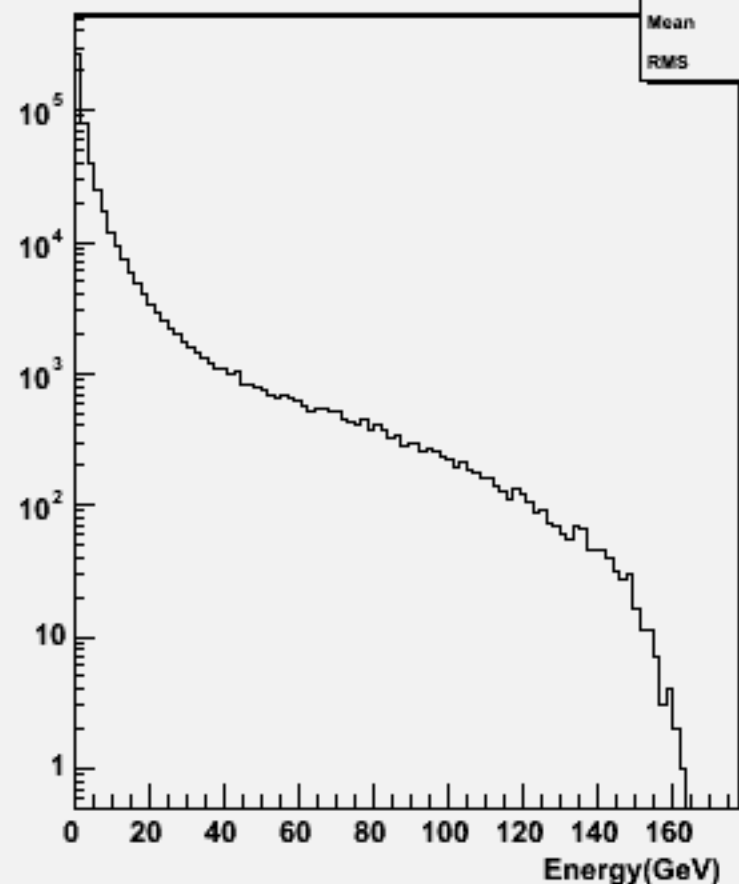
process\_id=w100929  
job\_date\_time=100625-222516  
process\_name=e3e3n2e2du\_o  
CM\_energy\_in\_GeV=350  
program\_name\_version=whizard-1.40  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=+1.0  
polarization2=-1.0  
luminosity=1000  
cross\_section\_in\_fb=0.00387095490189454  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w100929\_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/w100929/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w100929/run_01)  
comment=

Particle ID : w100929 e3e3n2e2du\_o



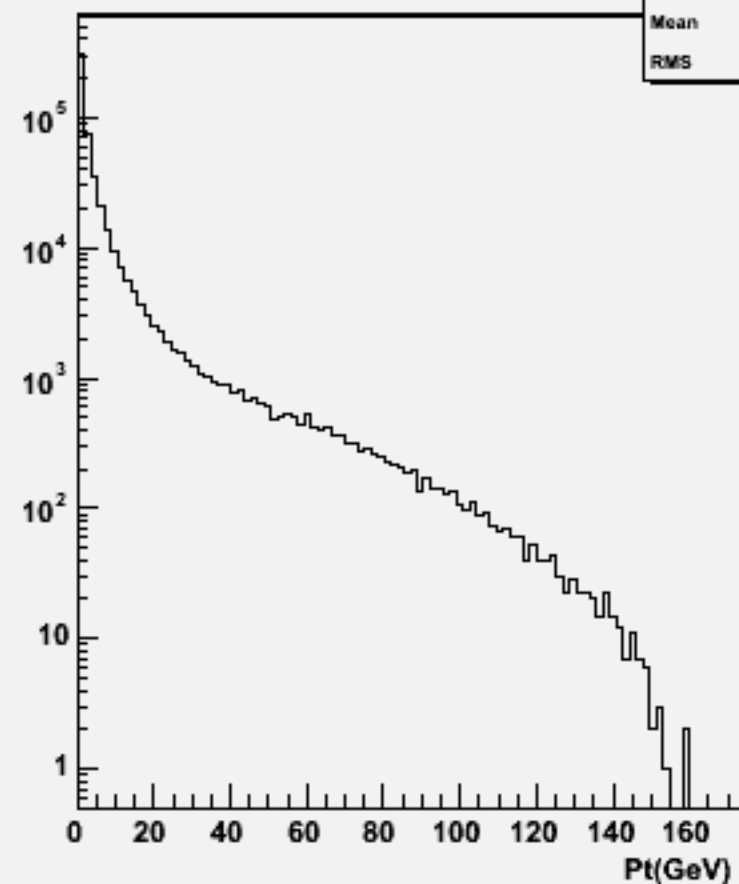
| h_id    |        |
|---------|--------|
| Entries | 517895 |
| Mean    | 8.216  |
| RMS     | 491.4  |

Particle Energy : w100929 e3e3n2e2du\_o

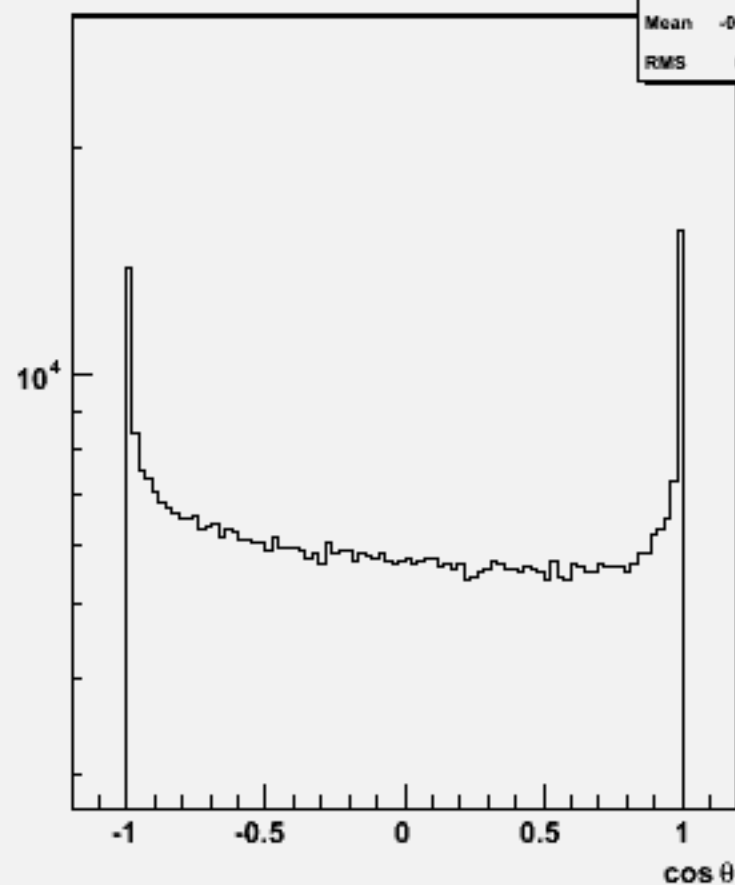


| h_e     |        |
|---------|--------|
| Entries | 517895 |
| Mean    | 6.707  |
| RMS     | 15.31  |

Particle Pt : w100929 e3e3n2e2du\_o

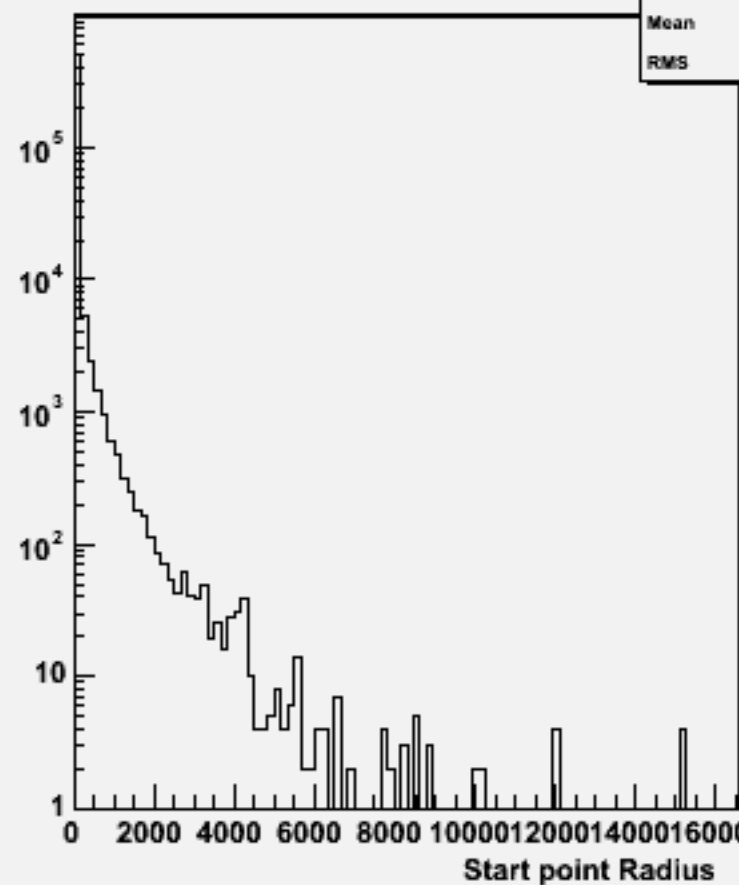


| h_pt    |        |
|---------|--------|
| Entries | 517895 |
| Mean    | 4.96   |
| RMS     | 12.22  |

Particle  $\cos\theta$  : w100929 e3e3n2e2du\_o

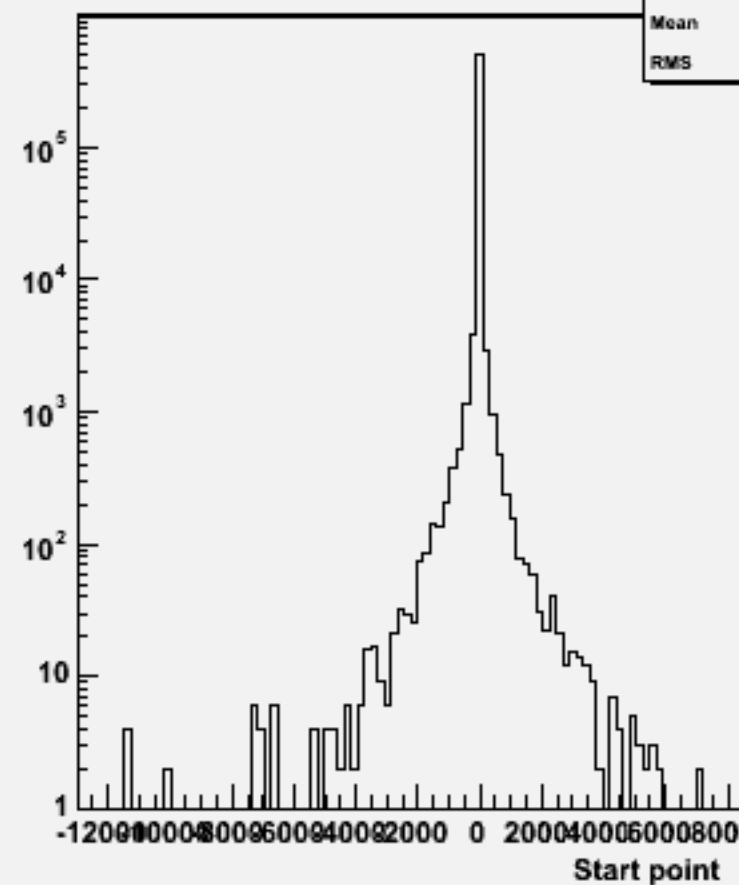
| h_cs    |          |
|---------|----------|
| Entries | 517895   |
| Mean    | -0.02362 |
| RMS     | 0.6135   |

Start point R : w100929 e3e3n2e2du\_o

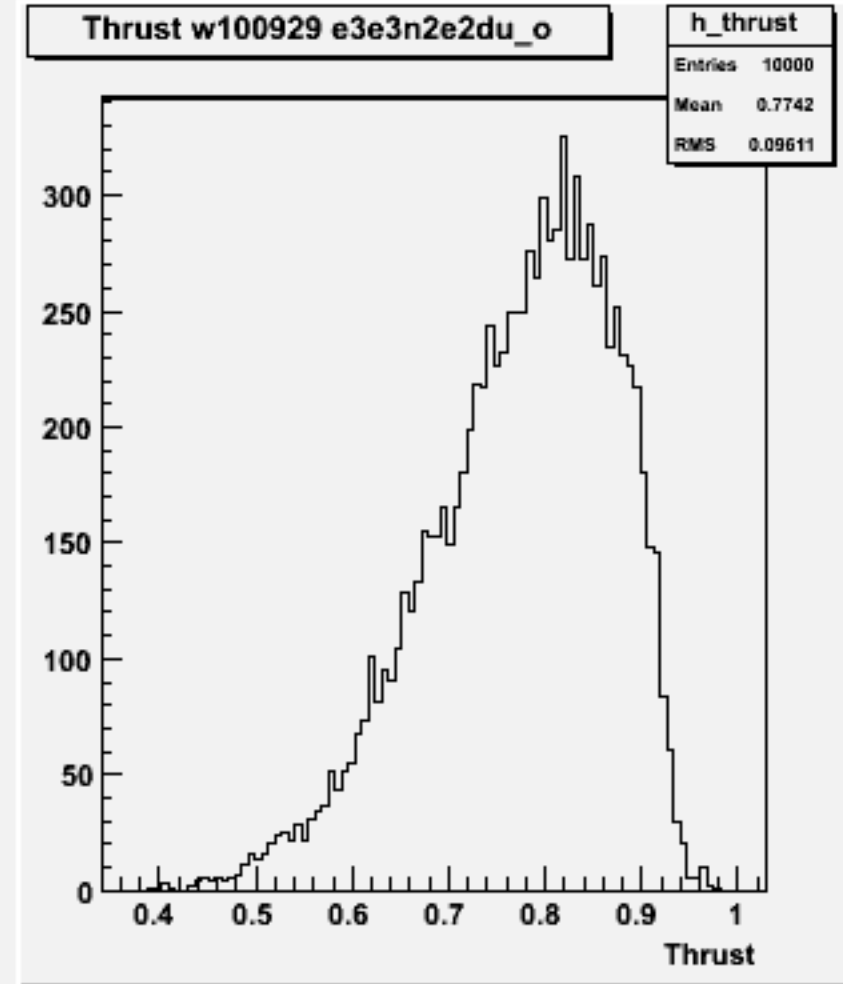
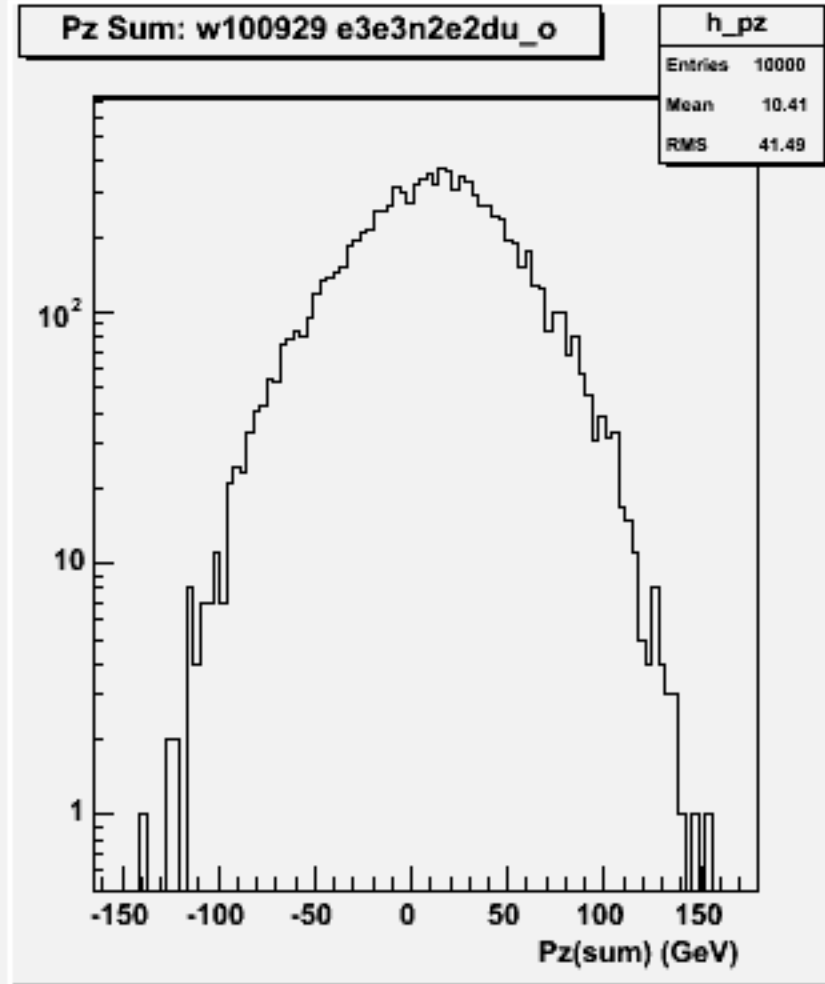
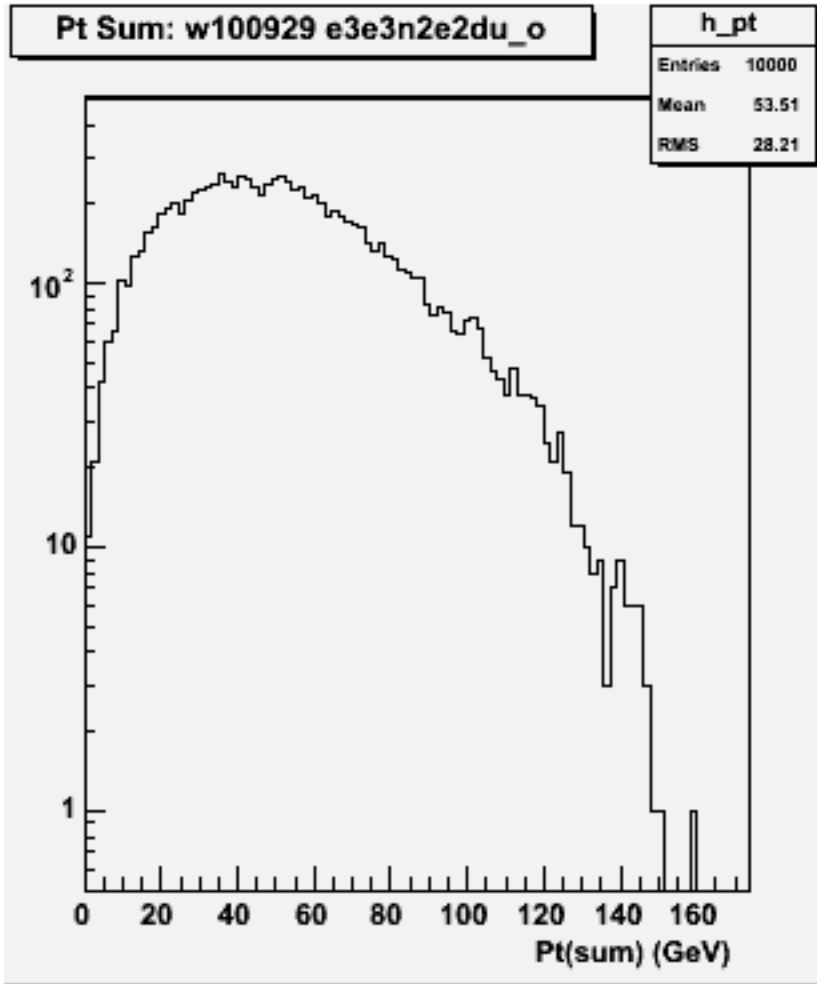
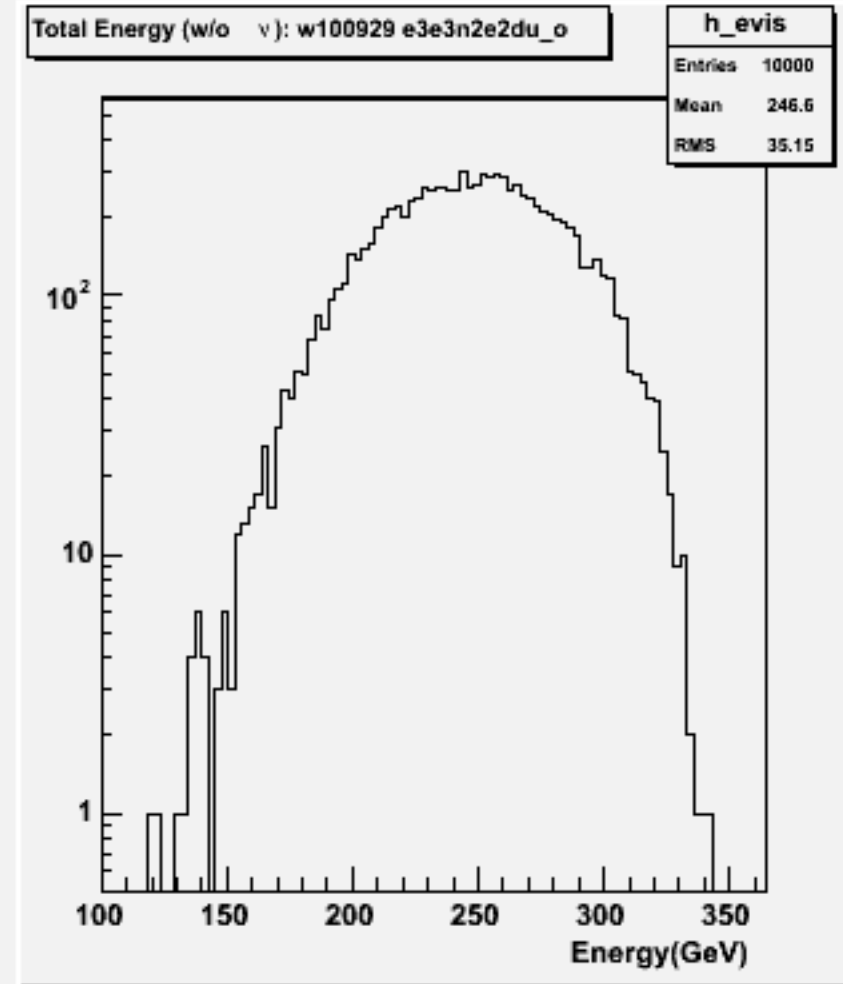
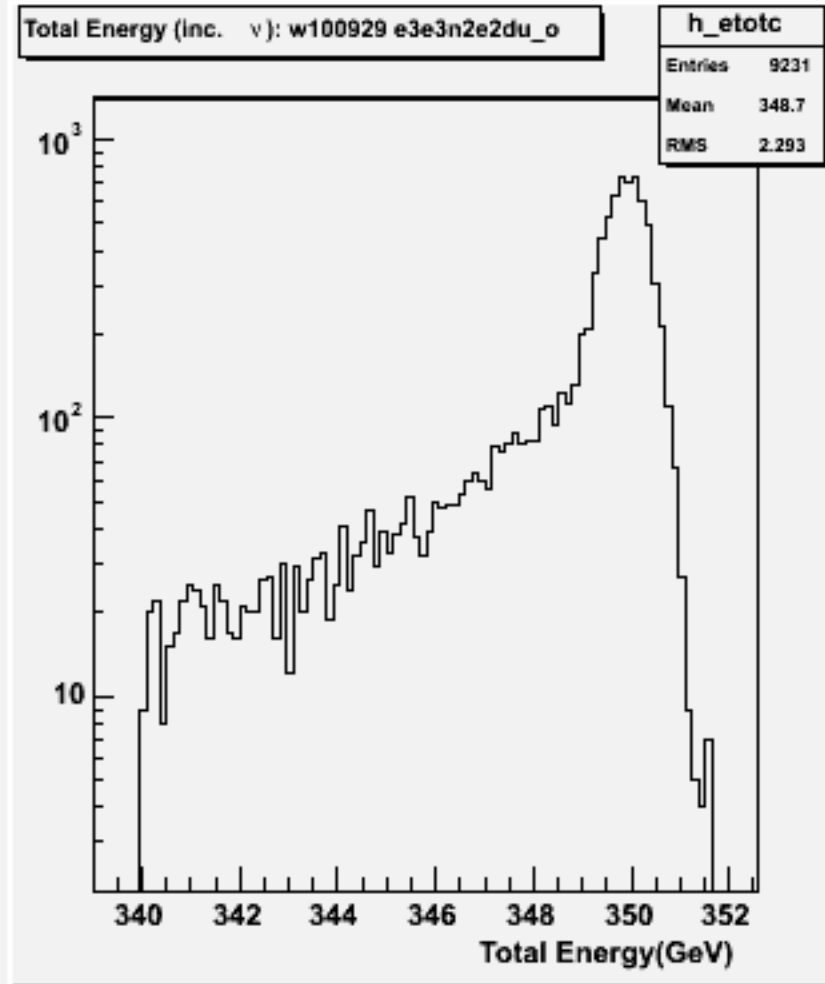
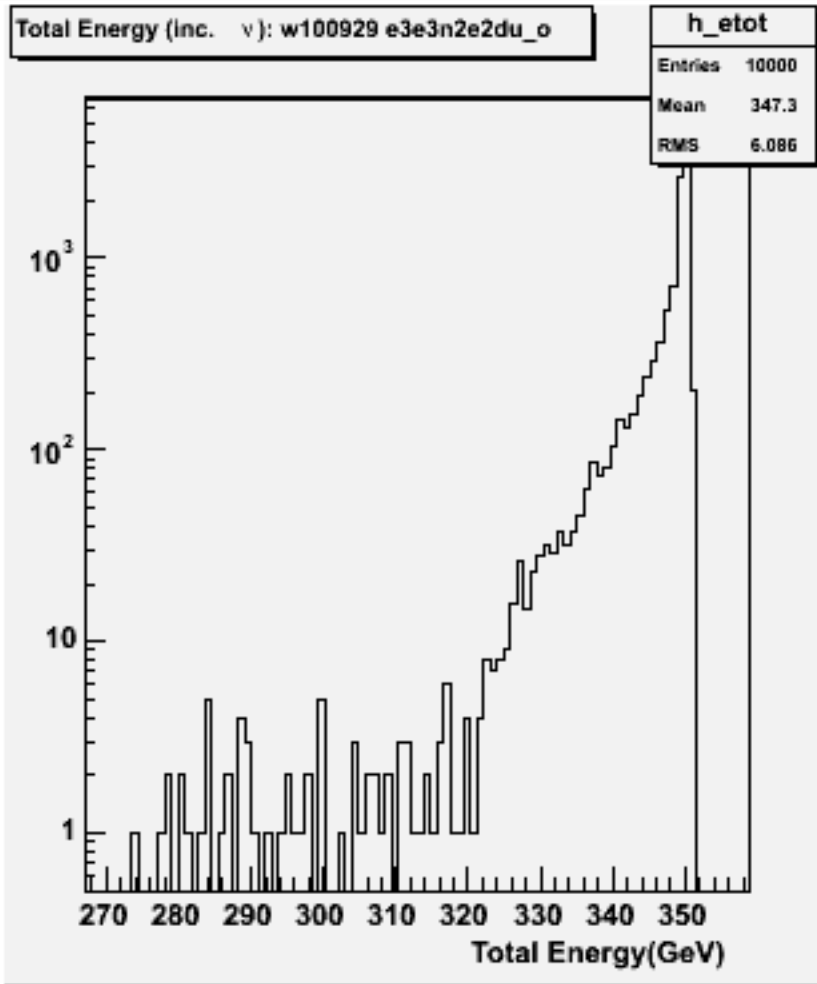


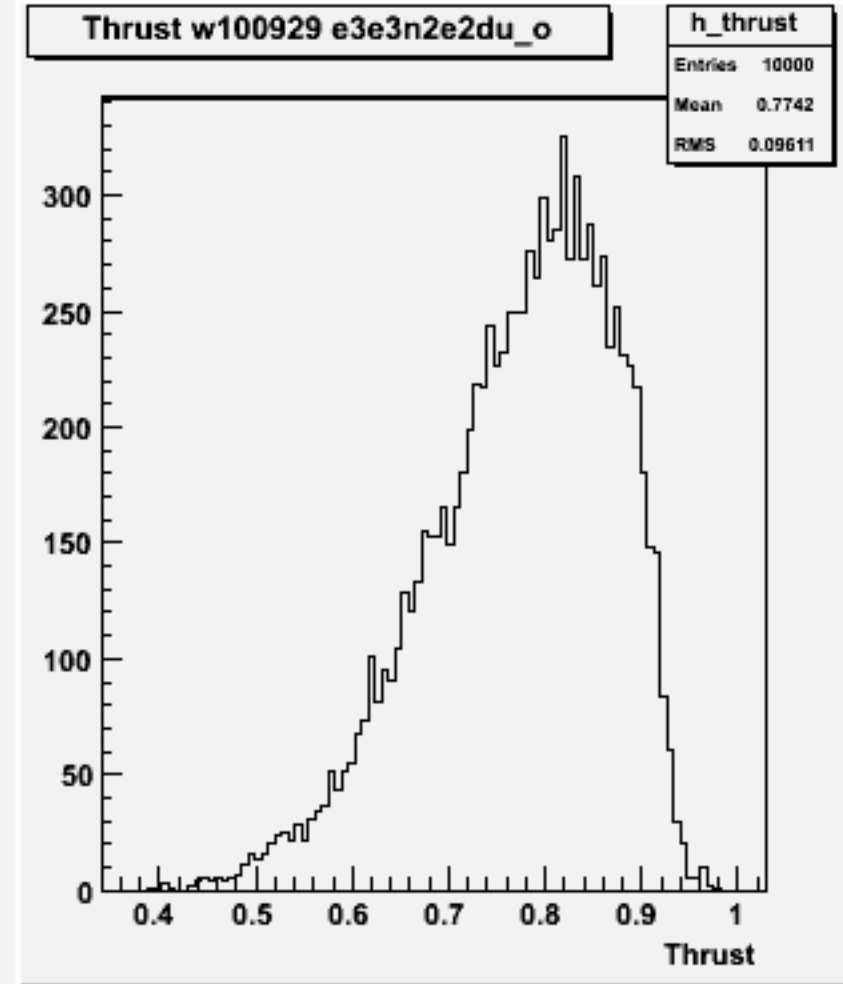
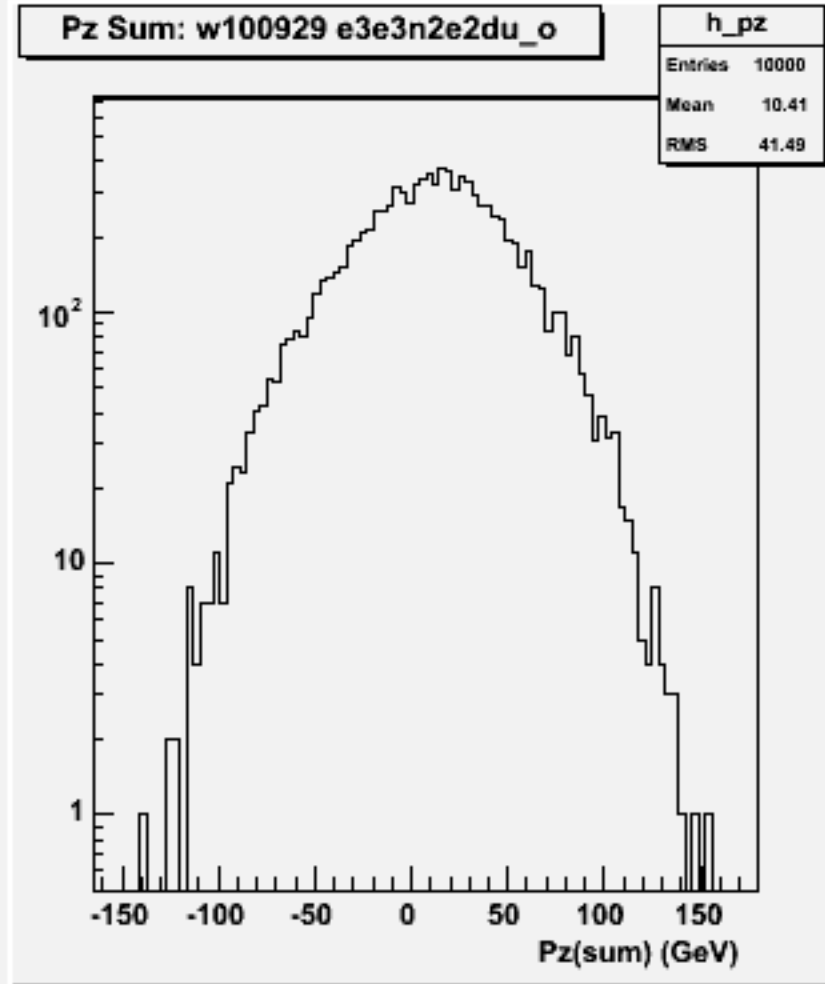
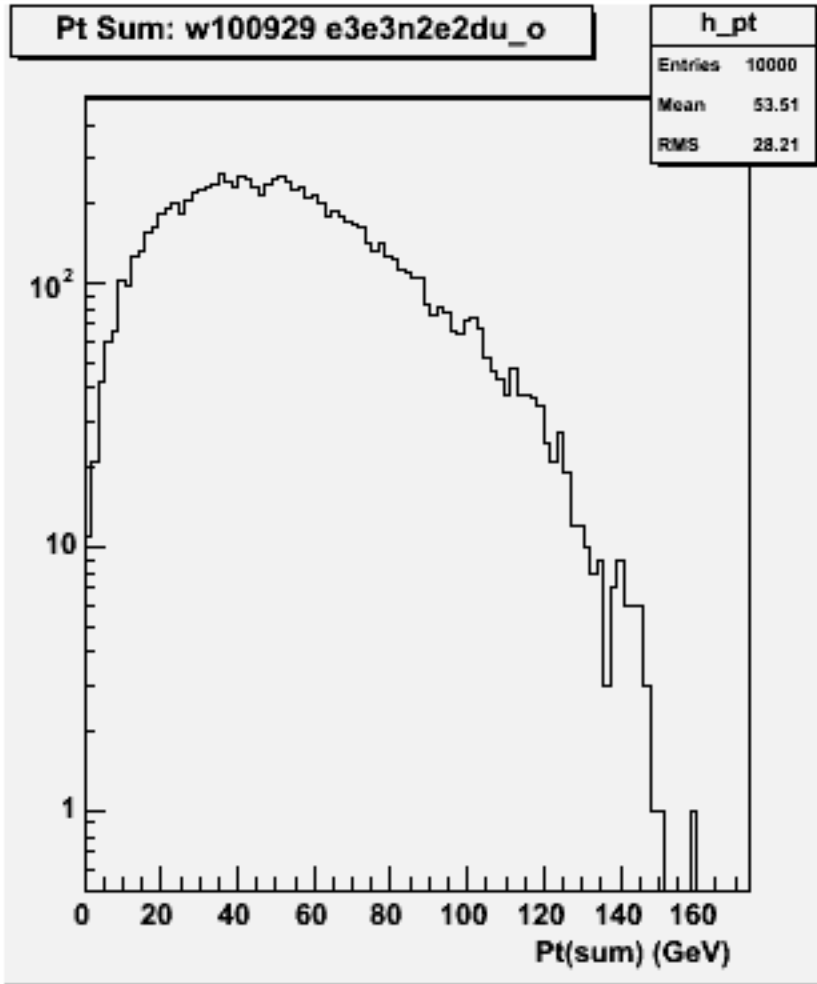
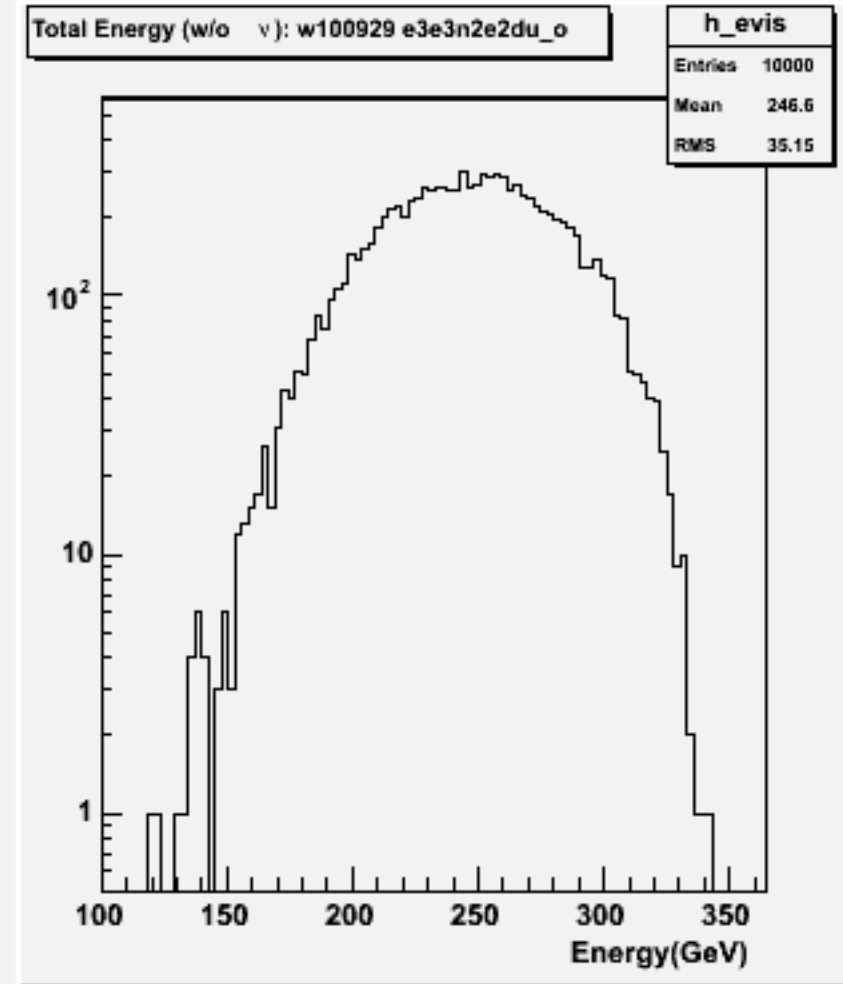
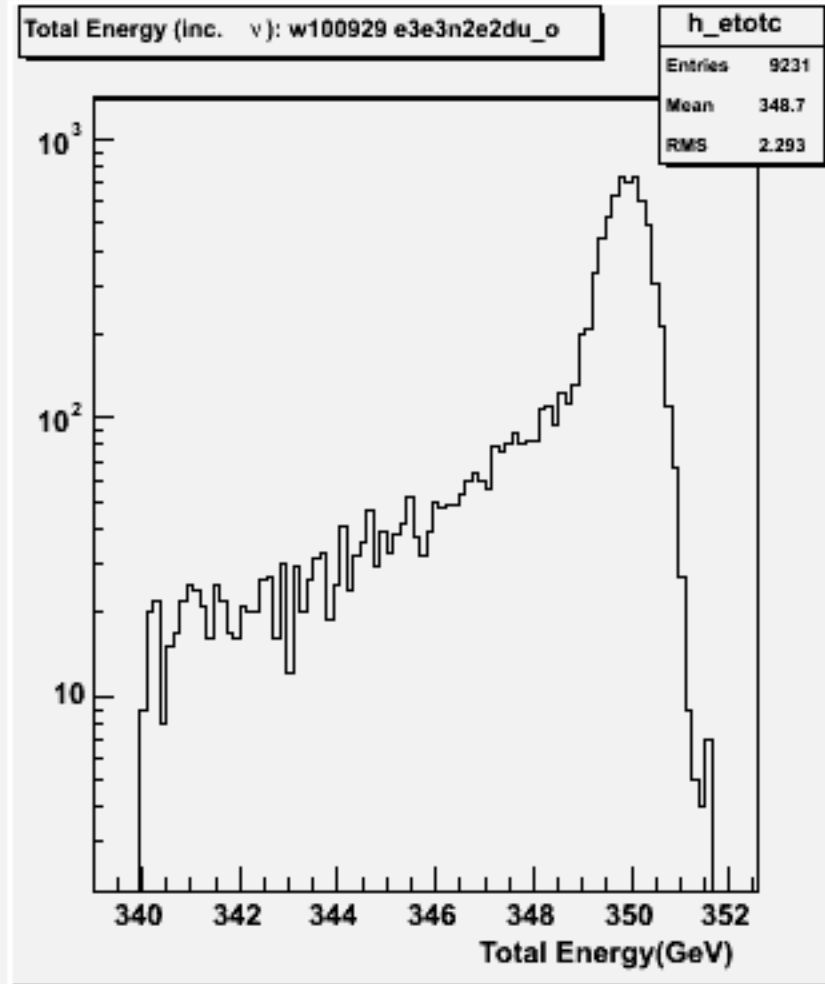
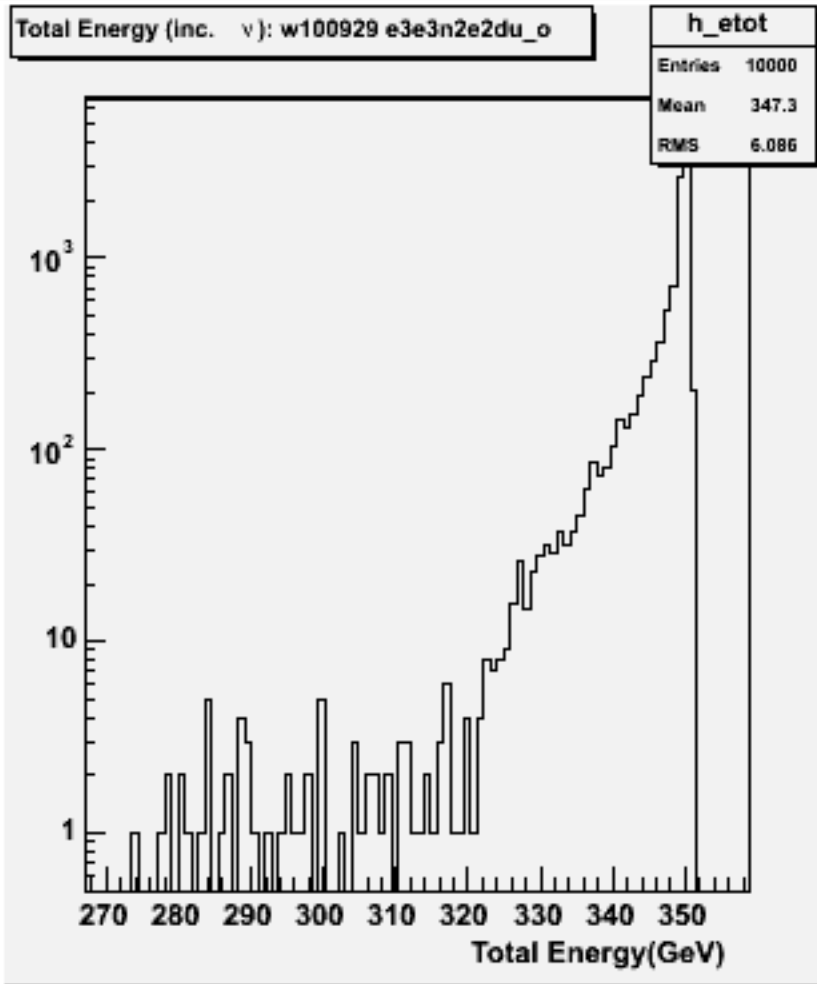
| h_vr    |        |
|---------|--------|
| Entries | 517895 |
| Mean    | 19.5   |
| RMS     | 174.1  |

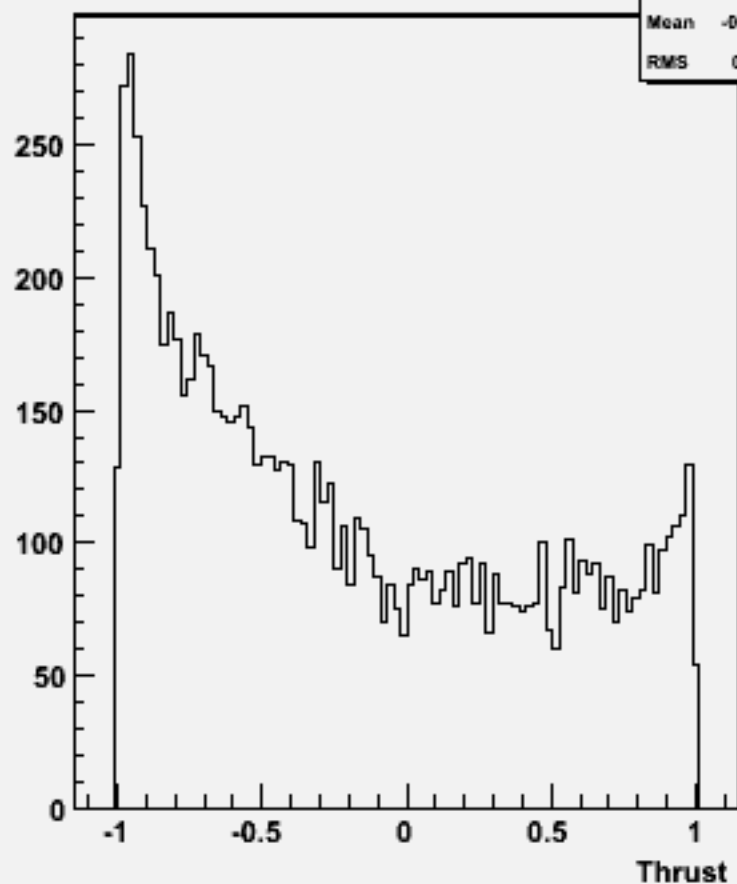
Start point Z : w100929 e3e3n2e2du\_o



| h_vz    |        |
|---------|--------|
| Entries | 517895 |
| Mean    | -1.663 |
| RMS     | 130.3  |



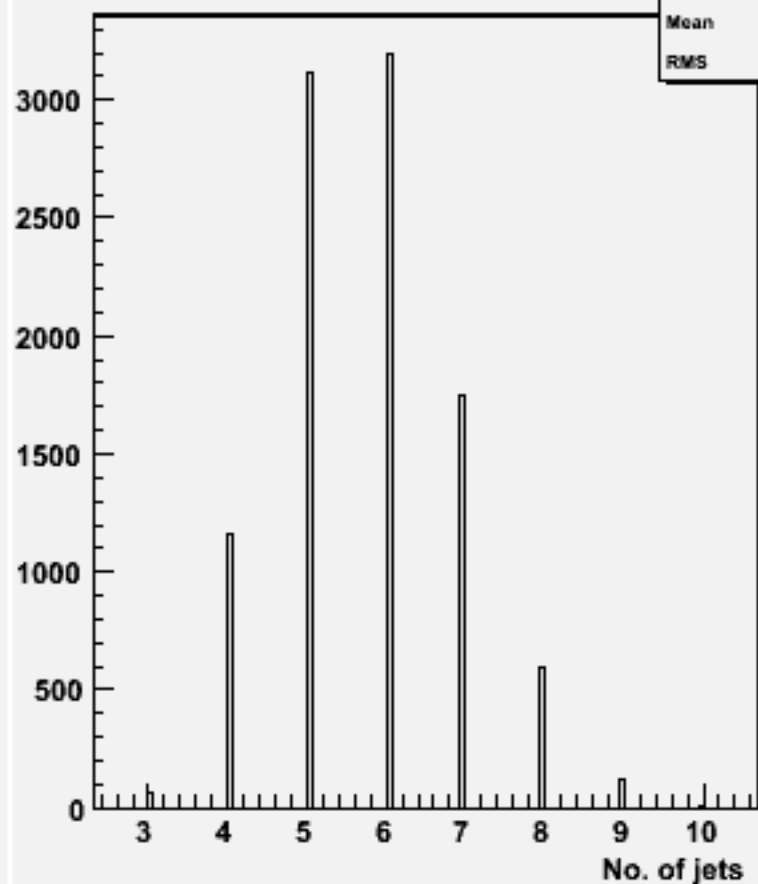


cos  $\Theta$ (thrust) w100929 e3e3n2e2du\_o

h\_csth

Entries 10000  
Mean -0.1824  
RMS 0.6113

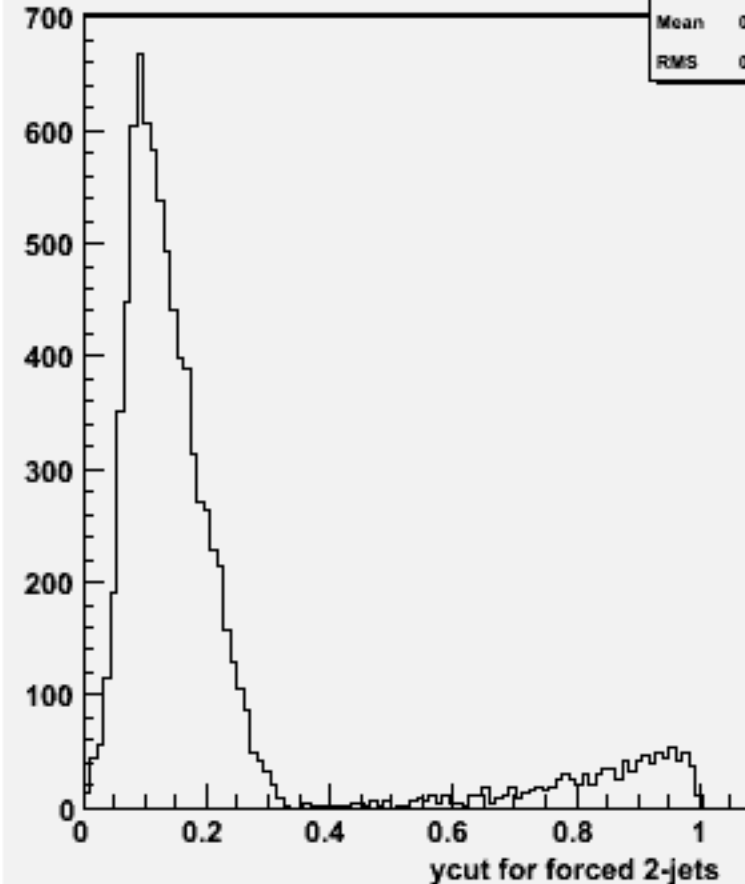
No. jets (ycut=0.001) : w100929 e3e3n2e2du\_o



h\_njets

Entries 10000  
Mean 5.77  
RMS 1.147

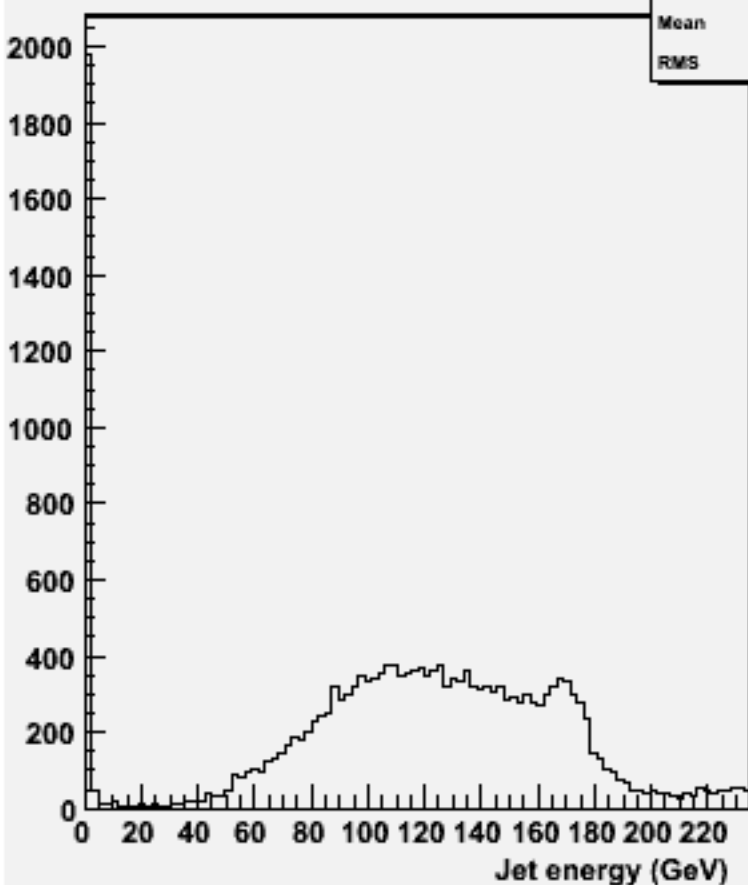
Ycut for 2-jets :w100929 e3e3n2e2du\_o



h\_yc2j

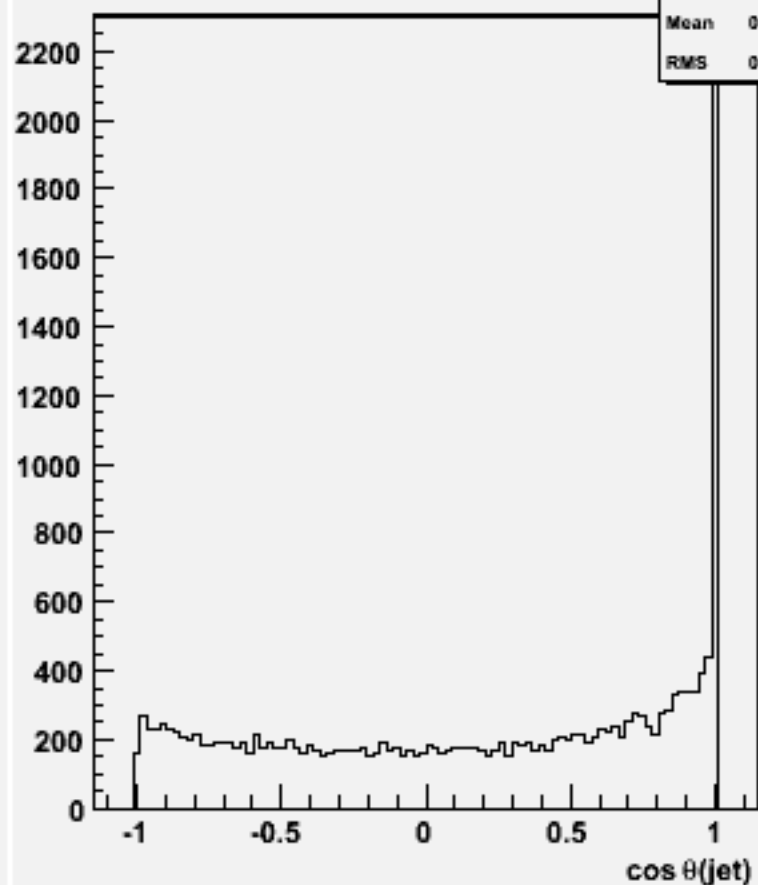
Entries 10000  
Mean 0.2135  
RMS 0.2335

energy for 2-jets :w100929 e3e3n2e2du\_o



h\_j0e

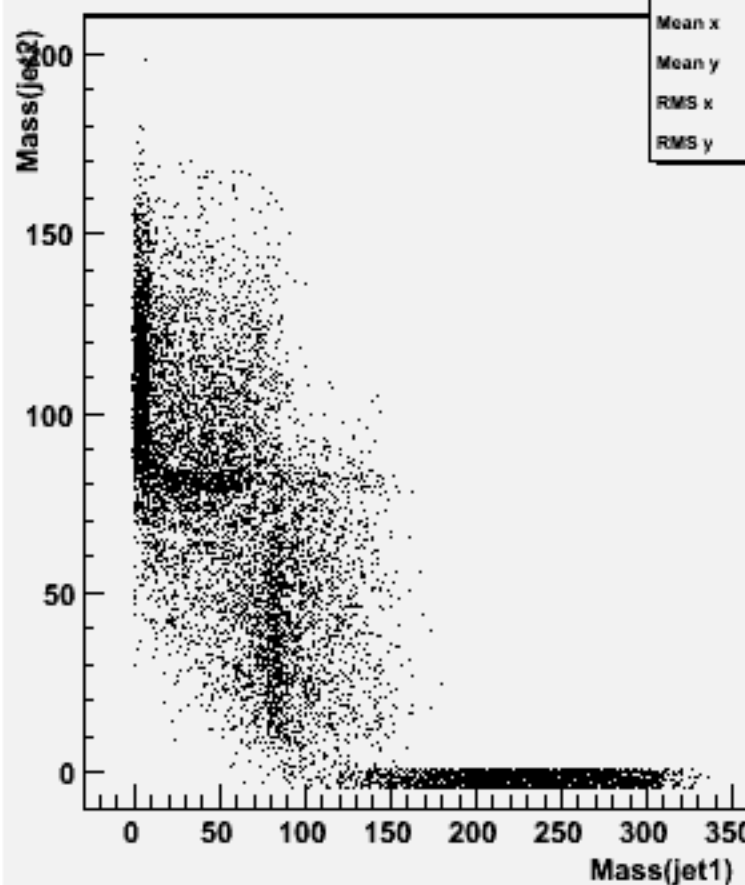
Entries 20000  
Mean 113.5  
RMS 54.68

cos  $\theta$  for 2-jets :w100929 e3e3n2e2du\_o

h\_j0cs

Entries 20000  
Mean 0.1636  
RMS 0.6565

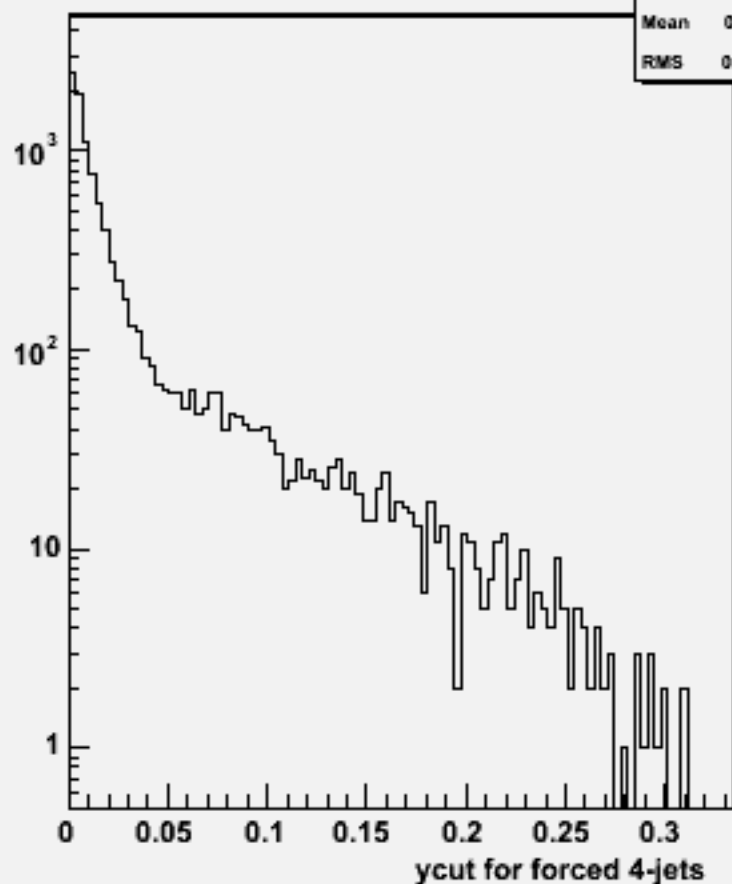
Jet mass for forced 2-jets : w100929 e3e3n2e2du\_o



h\_j0mj1m

Entries 10000  
Mean x 88.46  
Mean y 61.75  
RMS x 84.56  
RMS y 44.97

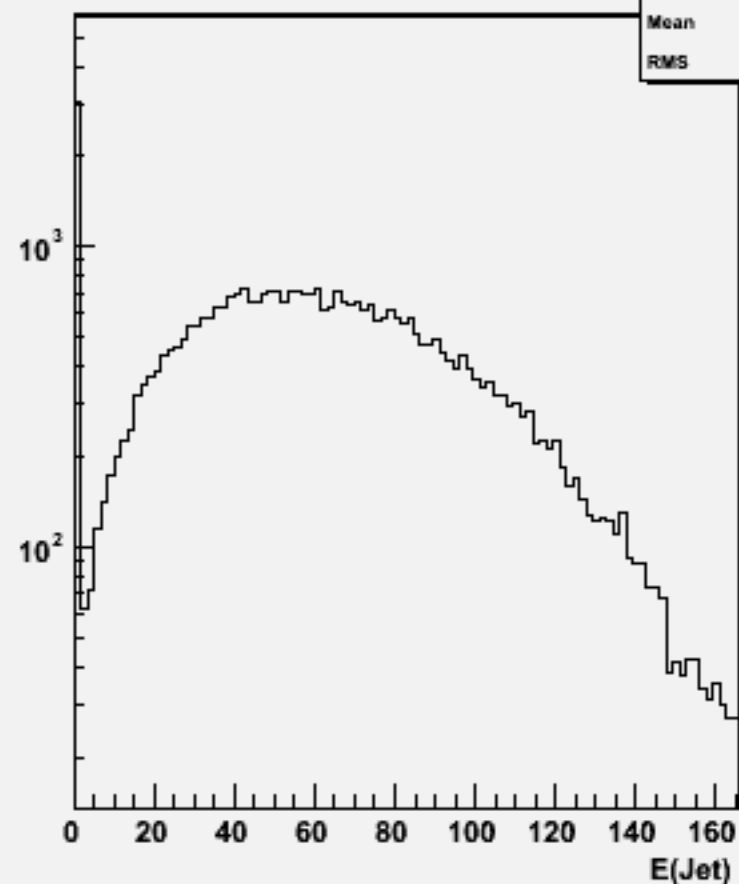
Ycut for 4-jets :w100929 e3e3n2e2du\_o



h\_yc4j

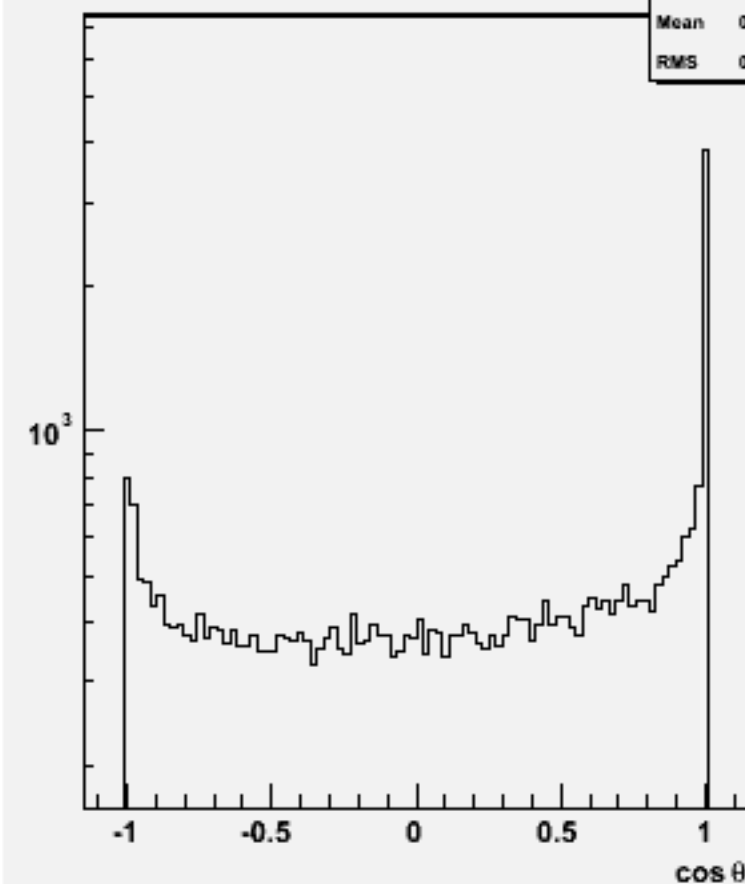
|         |         |
|---------|---------|
| Entries | 9936    |
| Mean    | 0.02558 |
| RMS     | 0.04385 |

Jet energies(All jets)w100929 e3e3n2e2du\_o



ha\_j0e

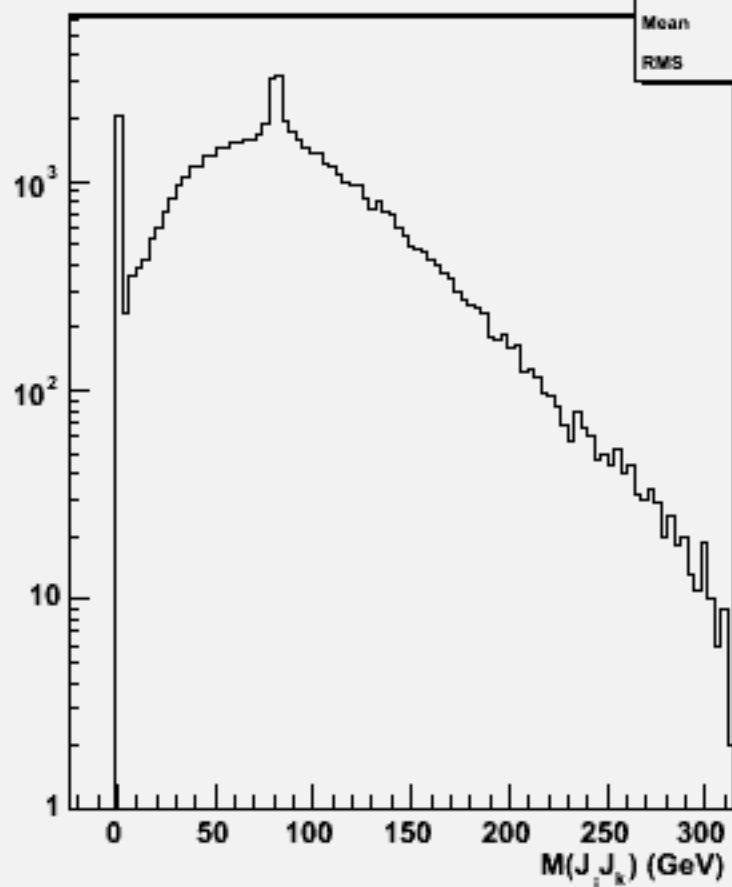
|         |       |
|---------|-------|
| Entries | 39744 |
| Mean    | 60.83 |
| RMS     | 36.11 |

Jet cos  $\theta$  (All jets)w100929 e3e3n2e2du\_o

ha\_j0cs

|         |        |
|---------|--------|
| Entries | 39744  |
| Mean    | 0.1093 |
| RMS     | 0.6529 |

2jets mass(All comb)w100929 e3e3n2e2du\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 59616 |
| Mean    | 87.17 |
| RMS     | 50.12 |