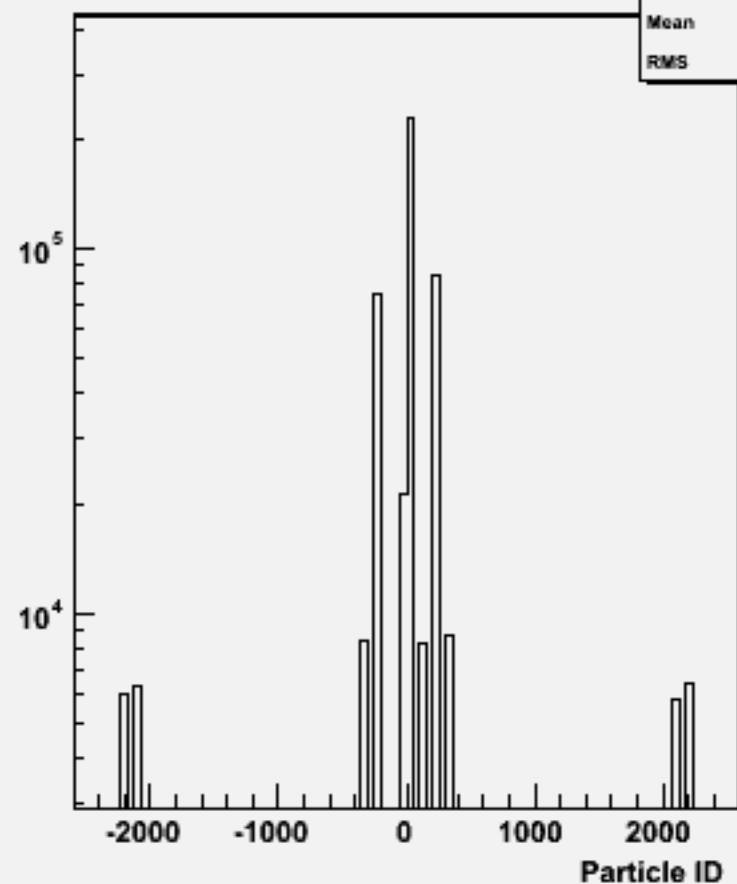


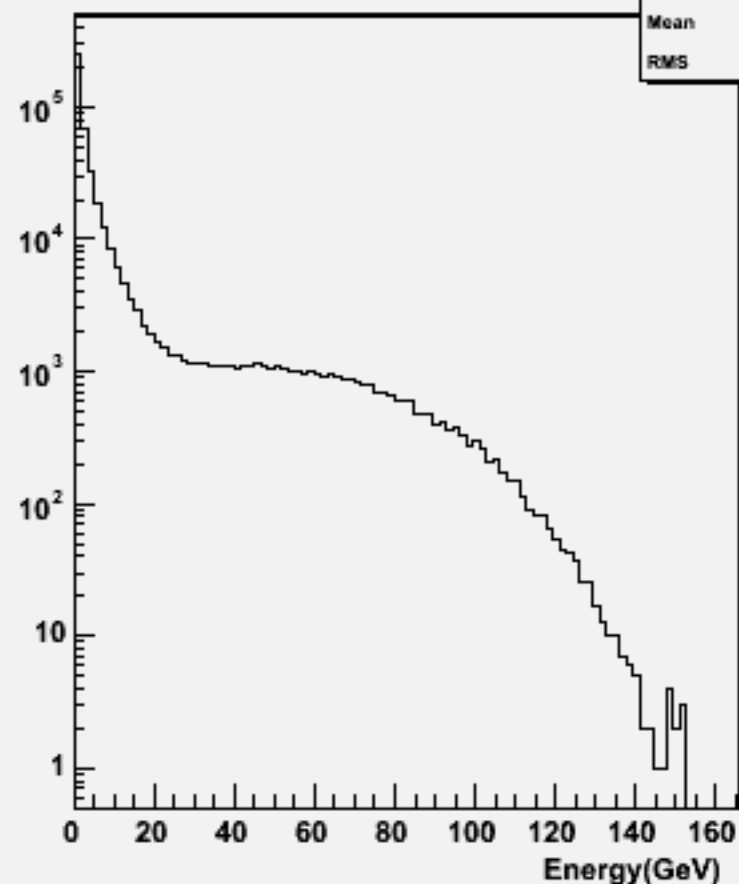
# Generator file information: w101556 n3n3ude1n1\_o

process\_id=w101556  
job\_date\_time=100628-144456  
process\_name=n3n3ude1n1\_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=2.4508320267987  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w101556\_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/w101556/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w101556/run_01)  
comment=

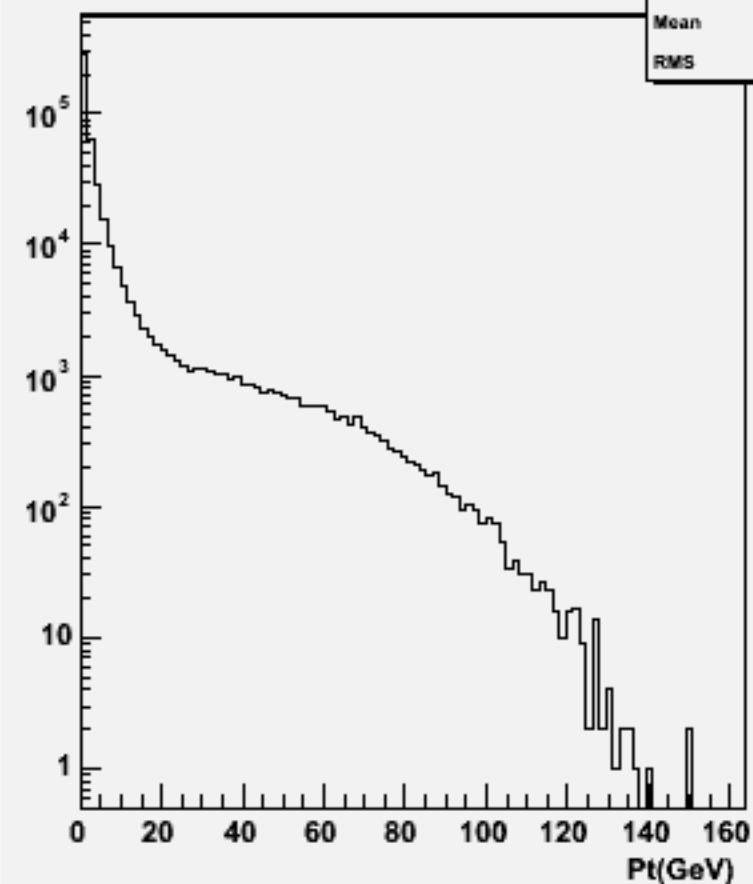
Particle ID : w101556 n3n3ude1n1\_o



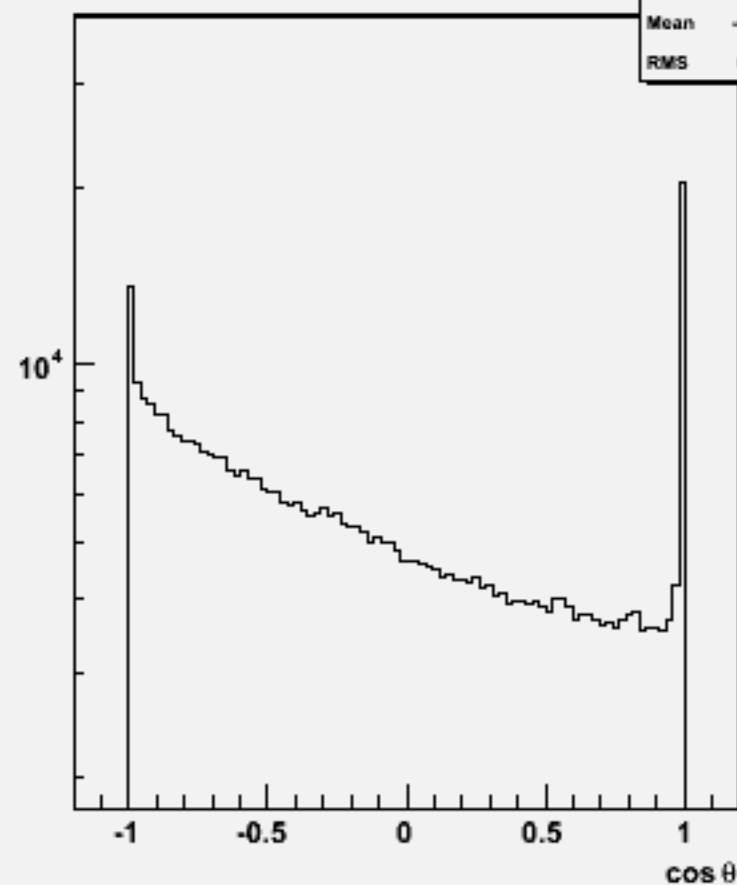
Particle Energy : w101556 n3n3ude1n1\_o



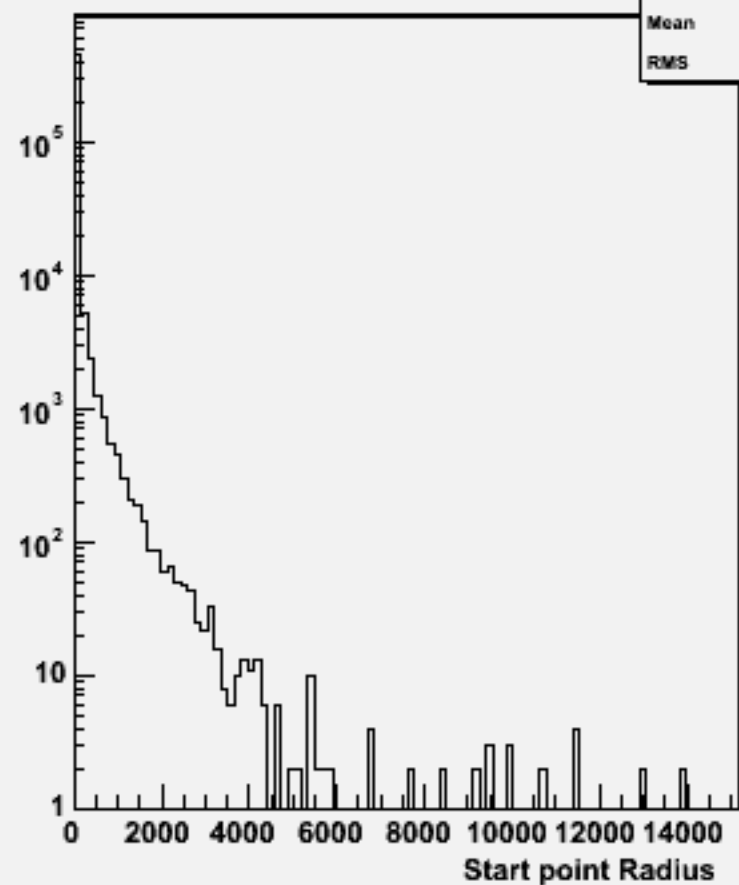
Particle Pt : w101556 n3n3ude1n1\_o



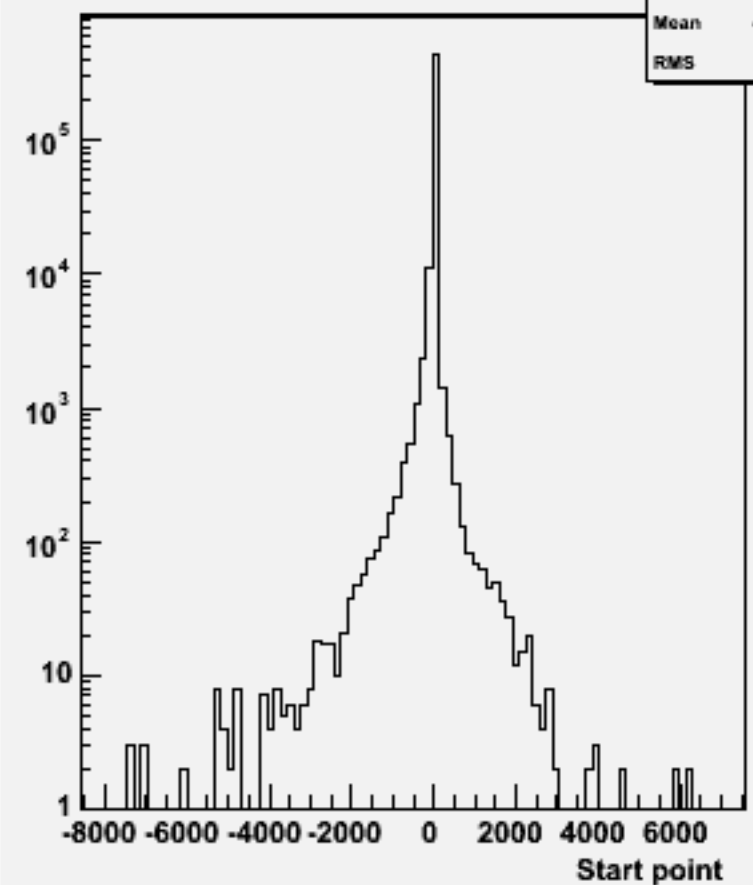
Particle cosθ : w101556 n3n3ude1n1\_o

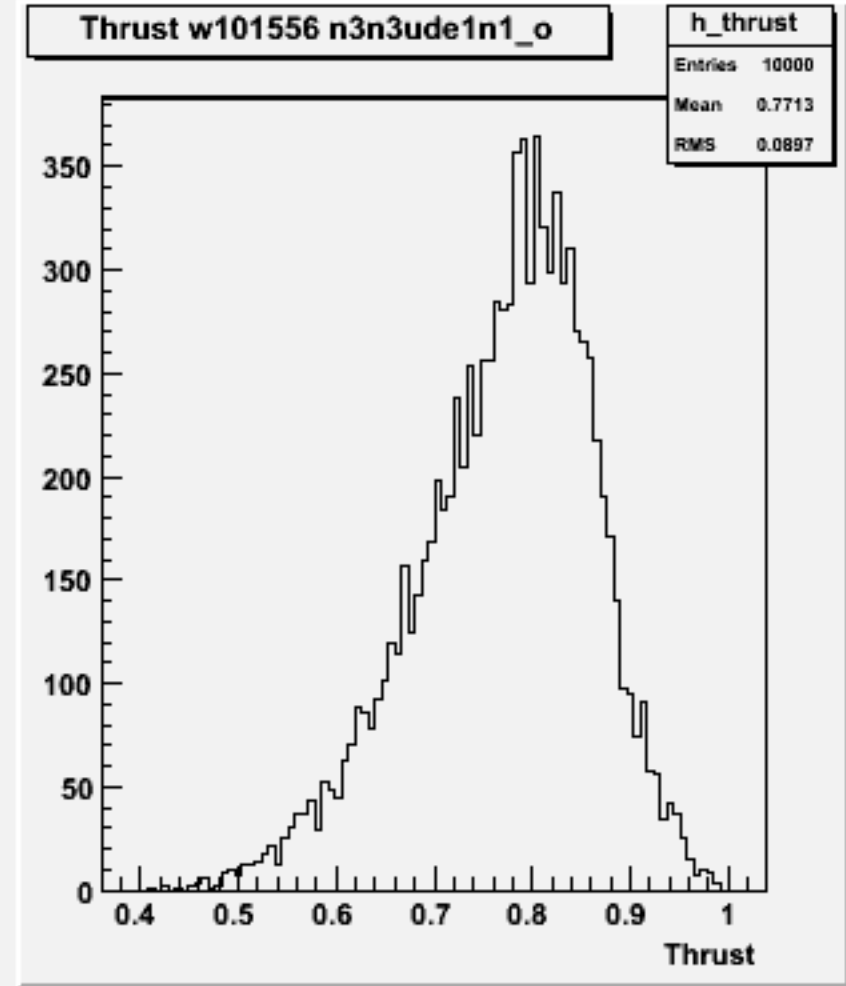
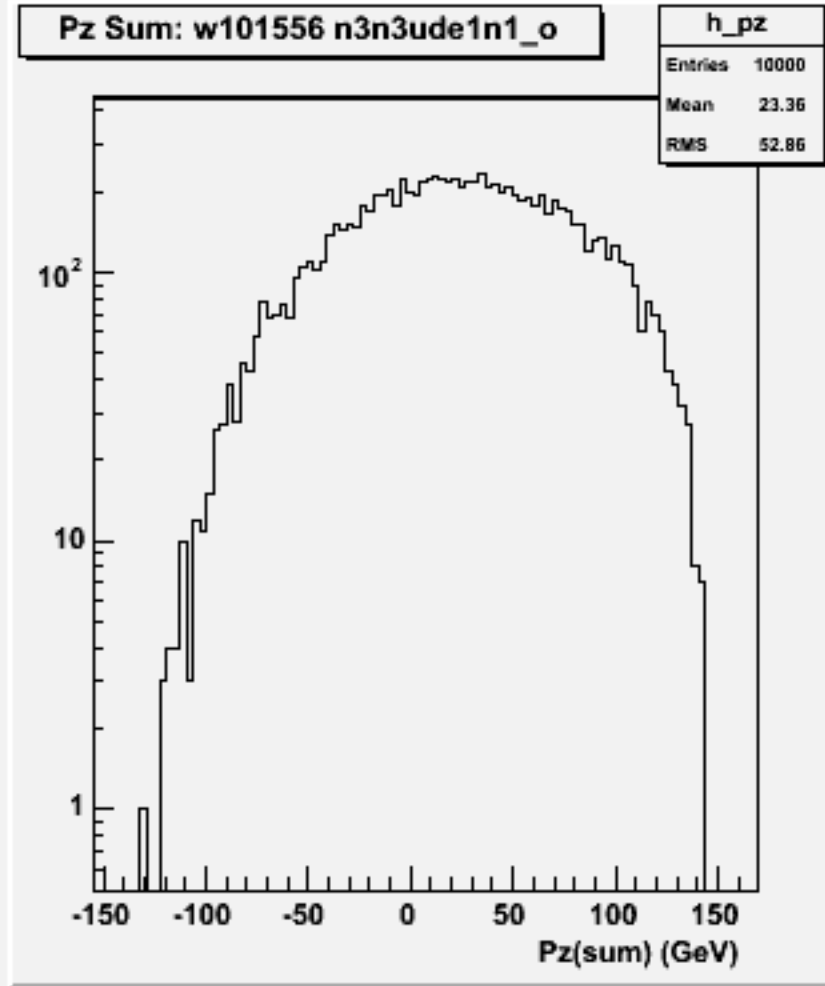
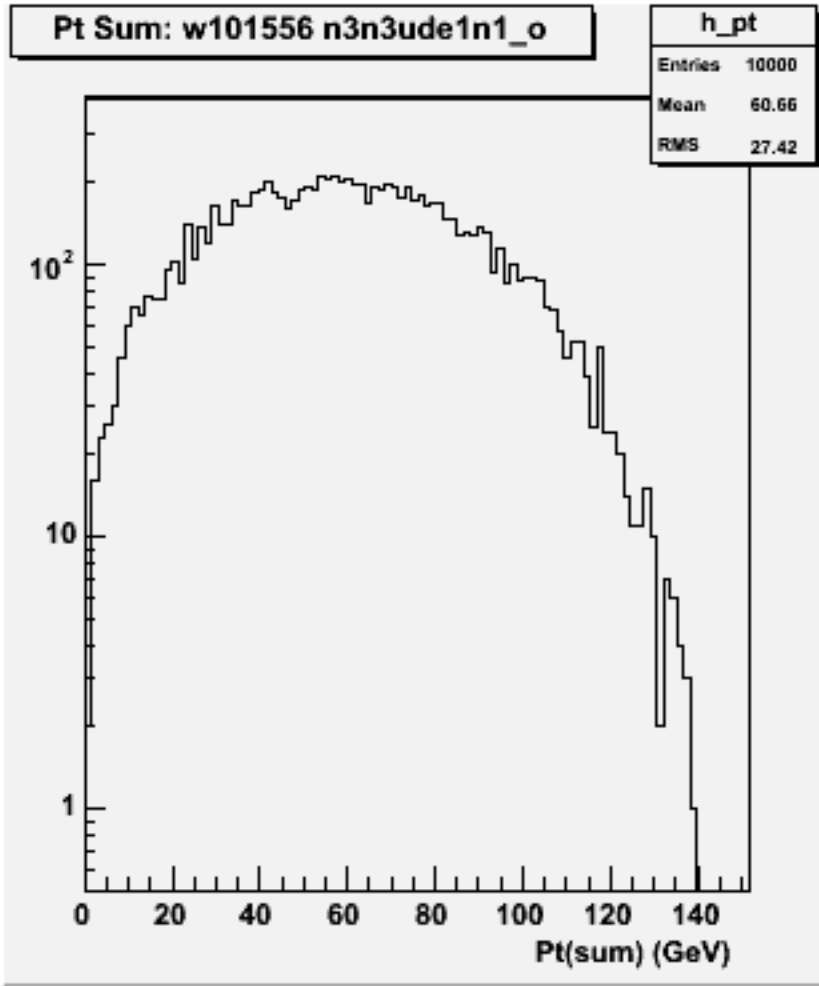
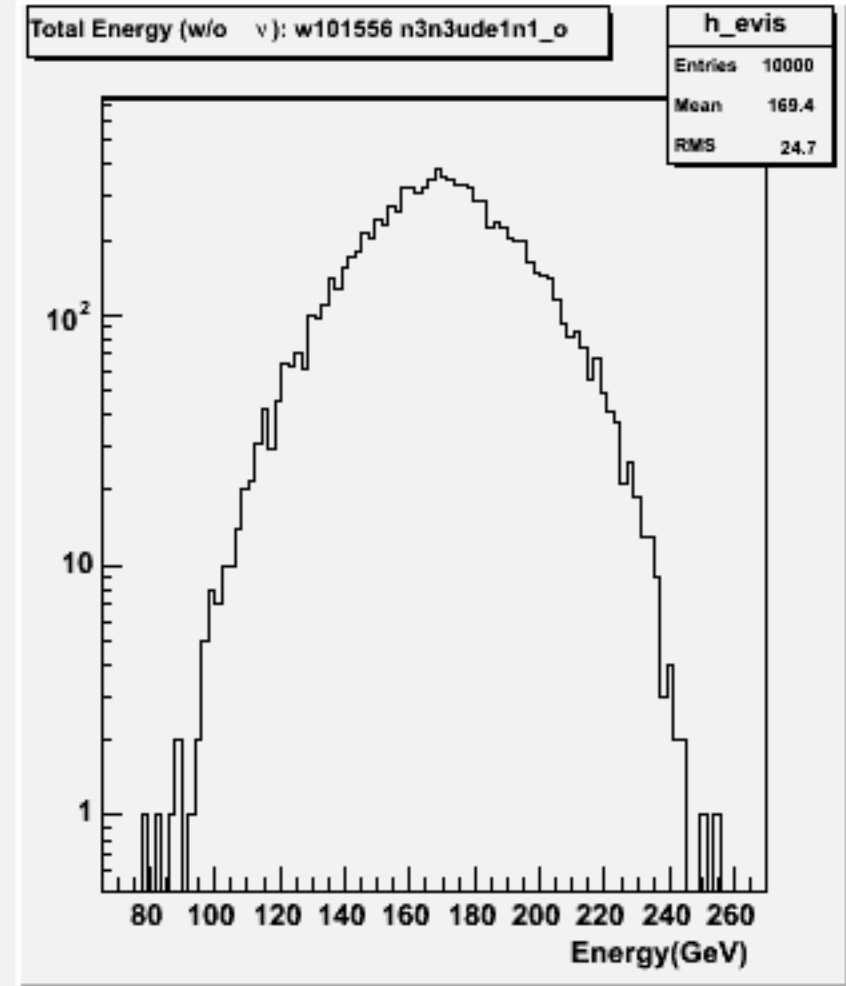
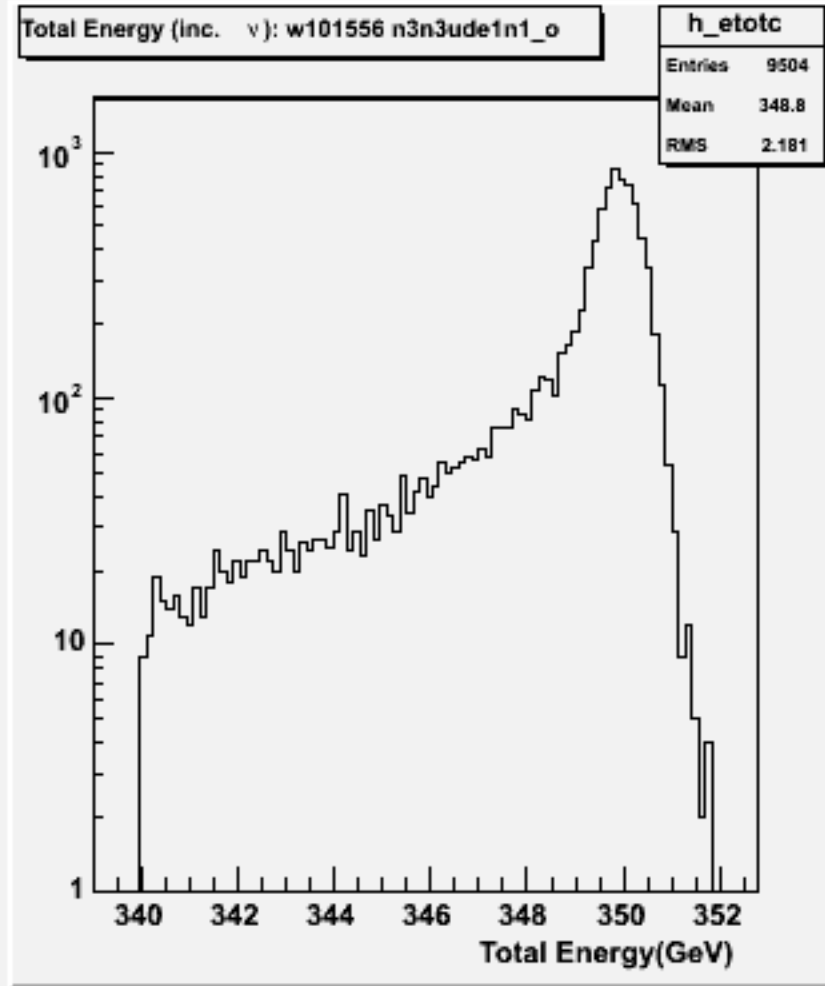
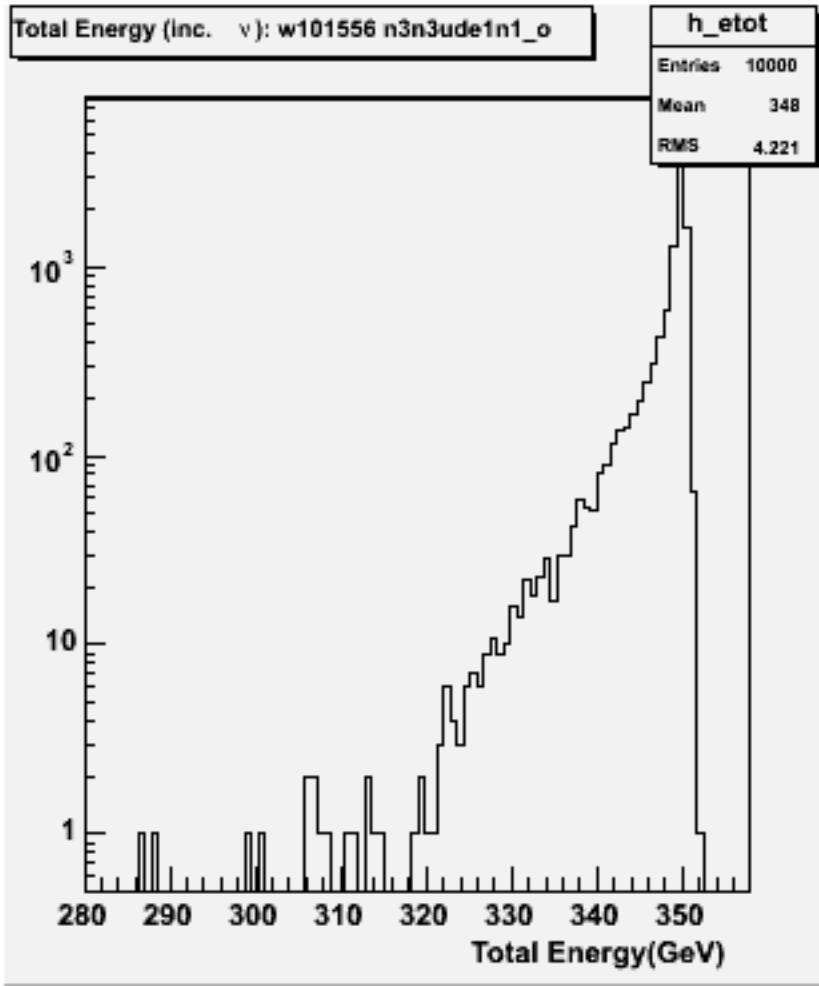


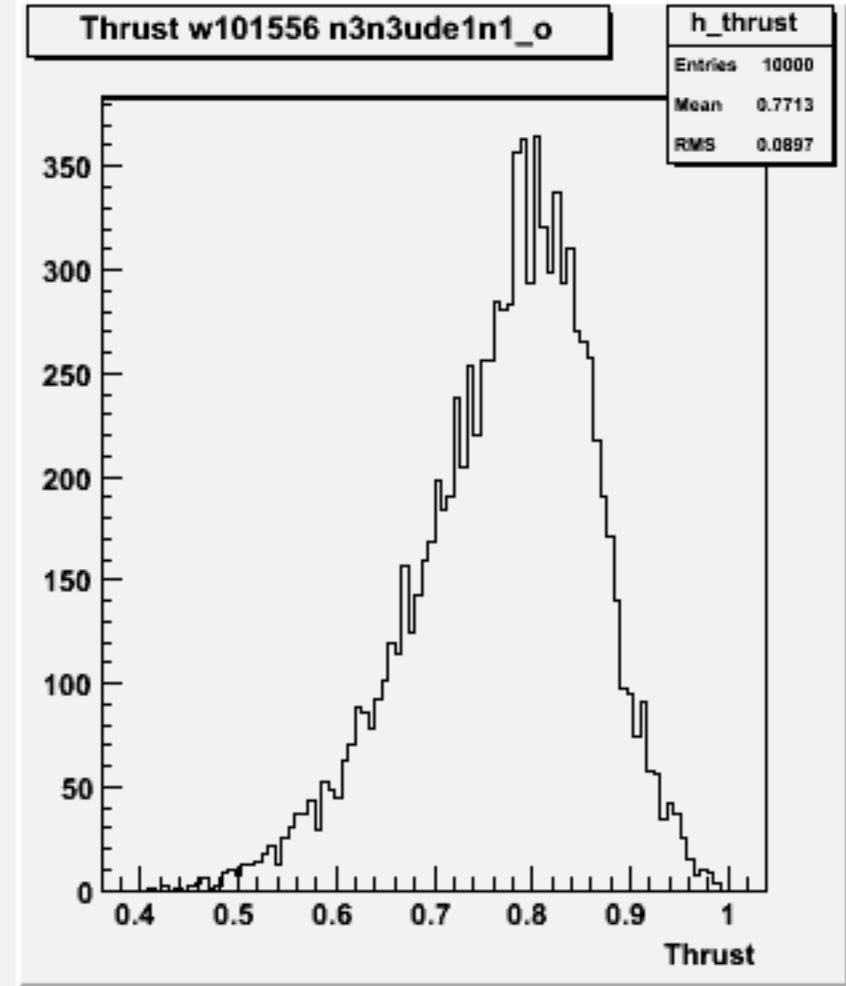
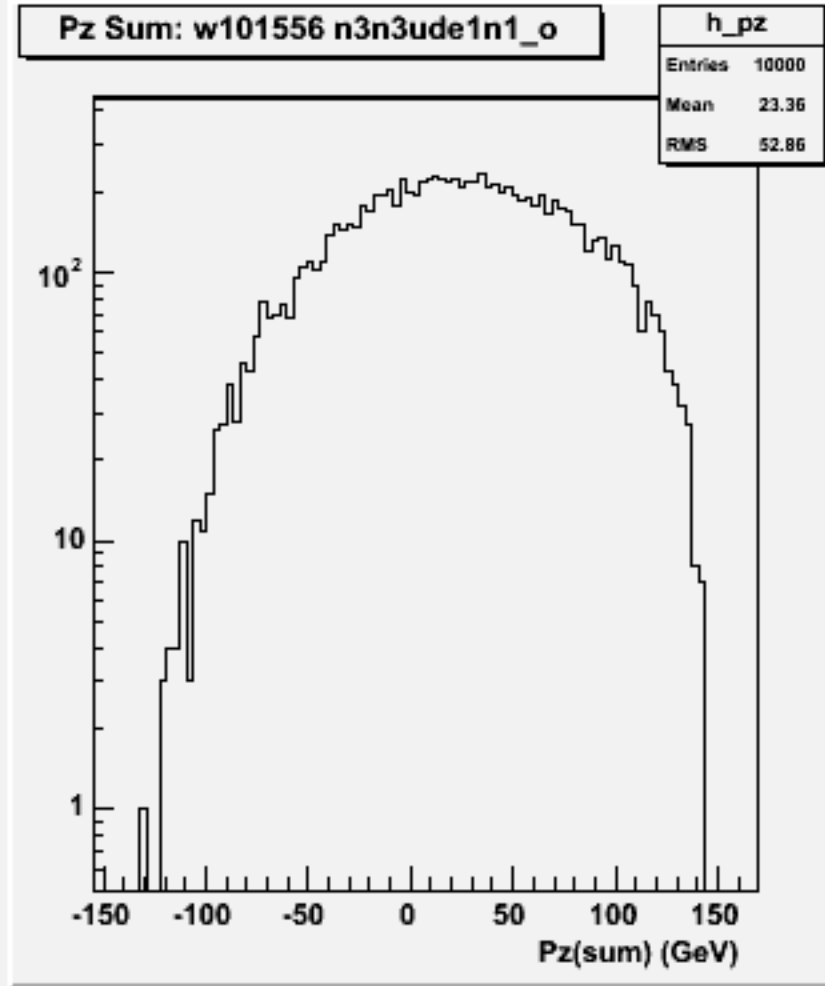
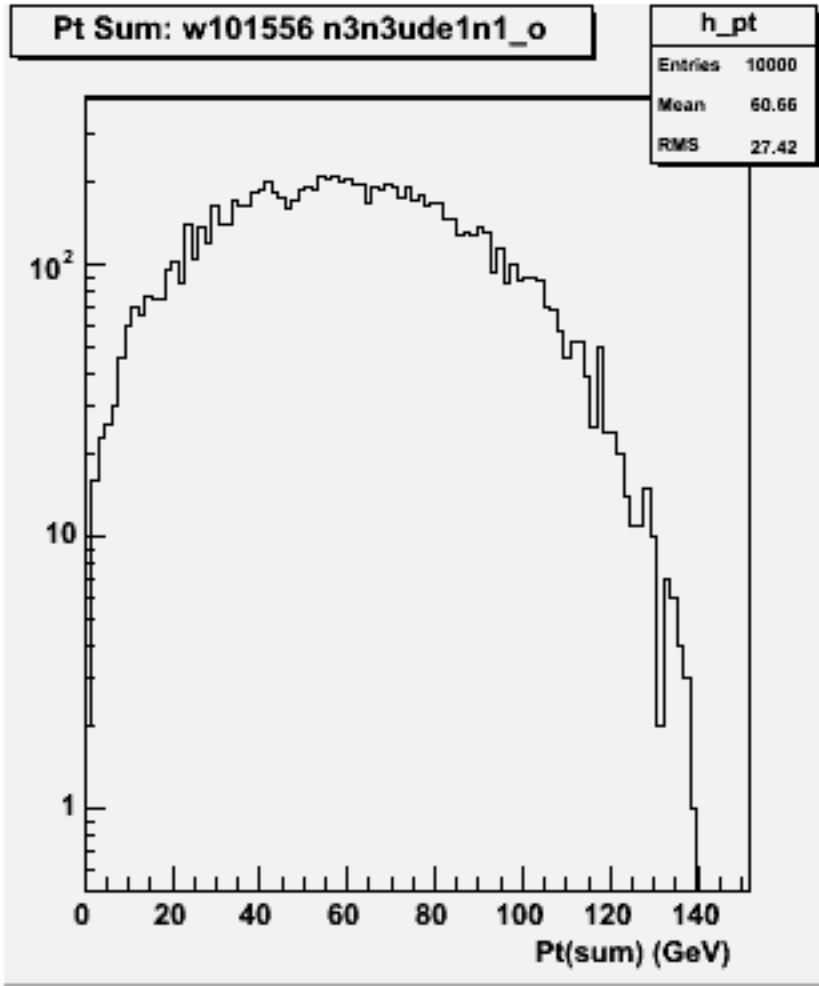
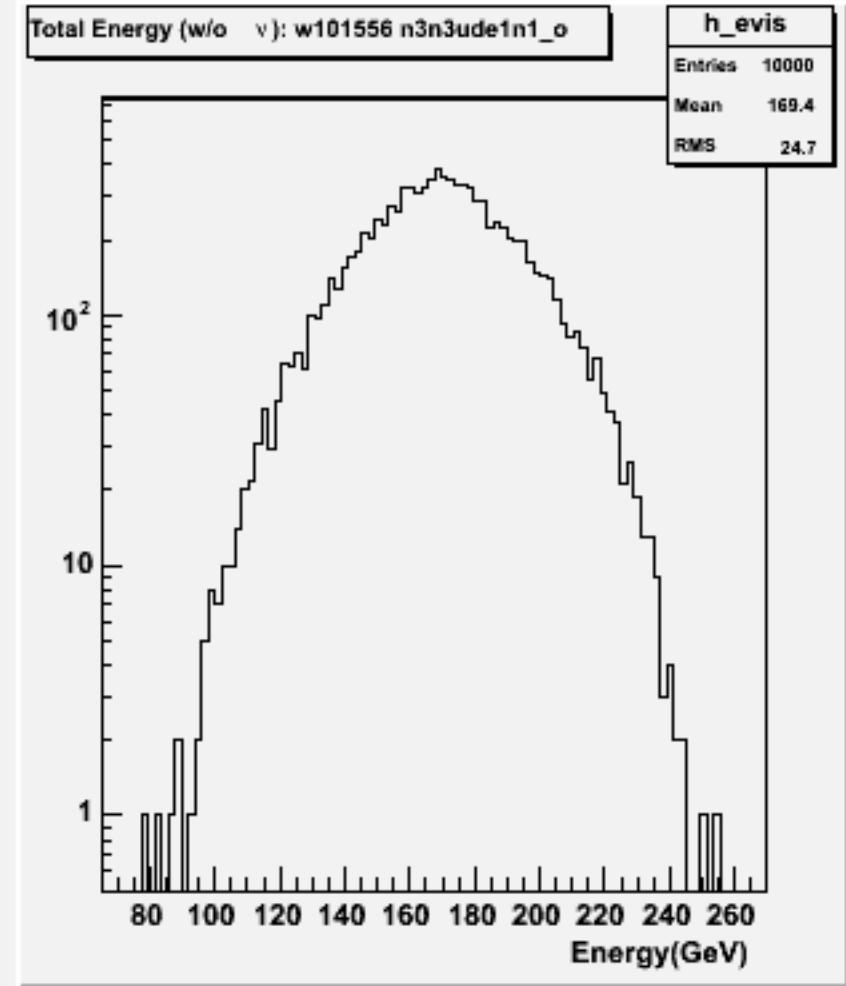
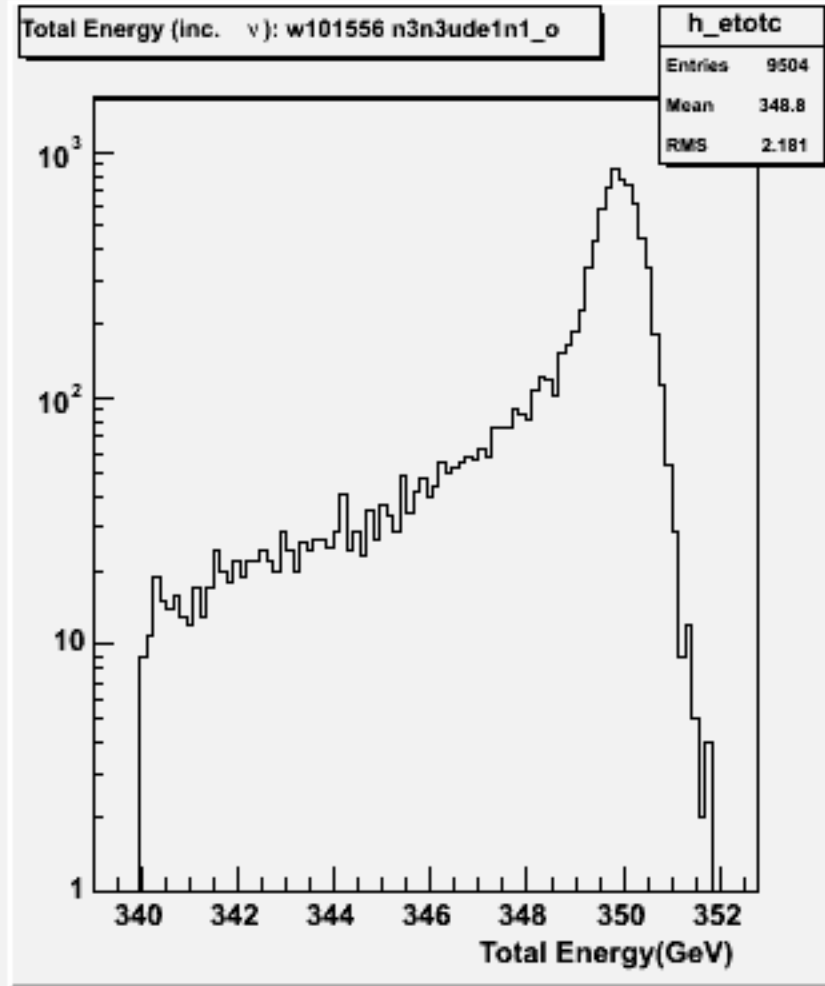
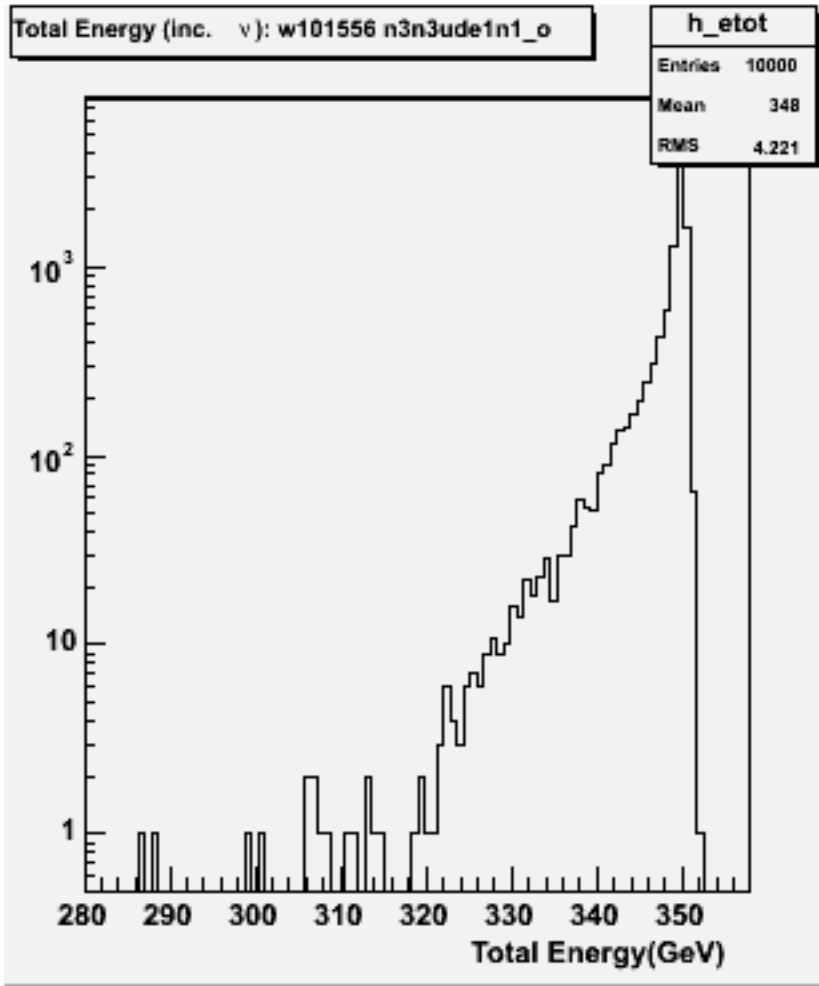
Start point R : w101556 n3n3ude1n1\_o



Start point Z : w101556 n3n3ude1n1\_o



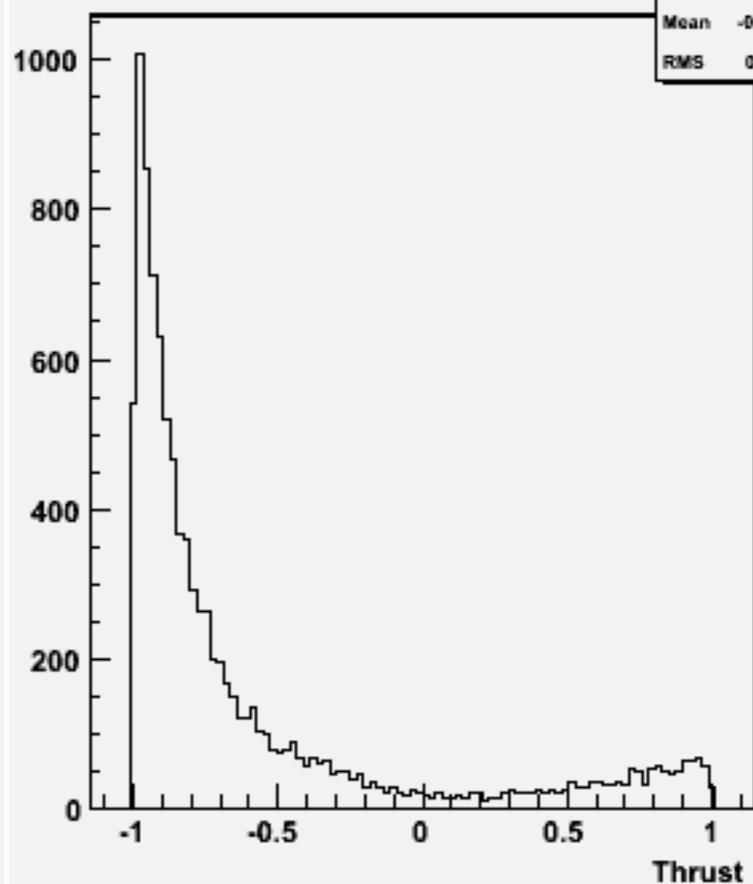




cos  $\Theta$ (thrust) w101556 n3n3ude1n1\_o

h\_csth

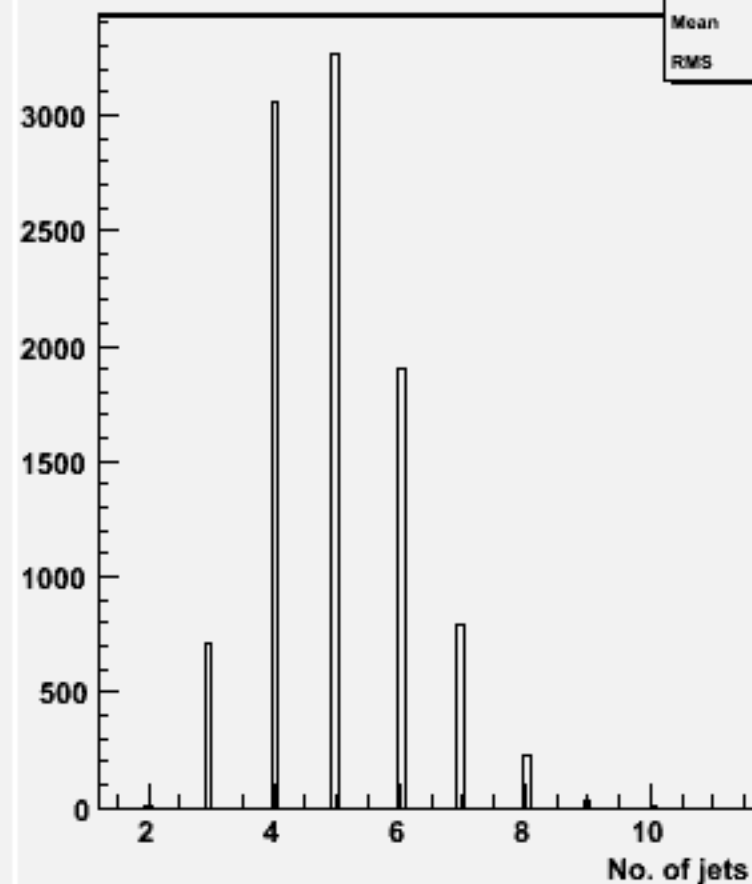
|         |         |
|---------|---------|
| Entries | 10000   |
| Mean    | -0.5995 |
| RMS     | 0.5382  |



No. jets (ycut=0.001) : w101556 n3n3ude1n1\_o

h\_njets

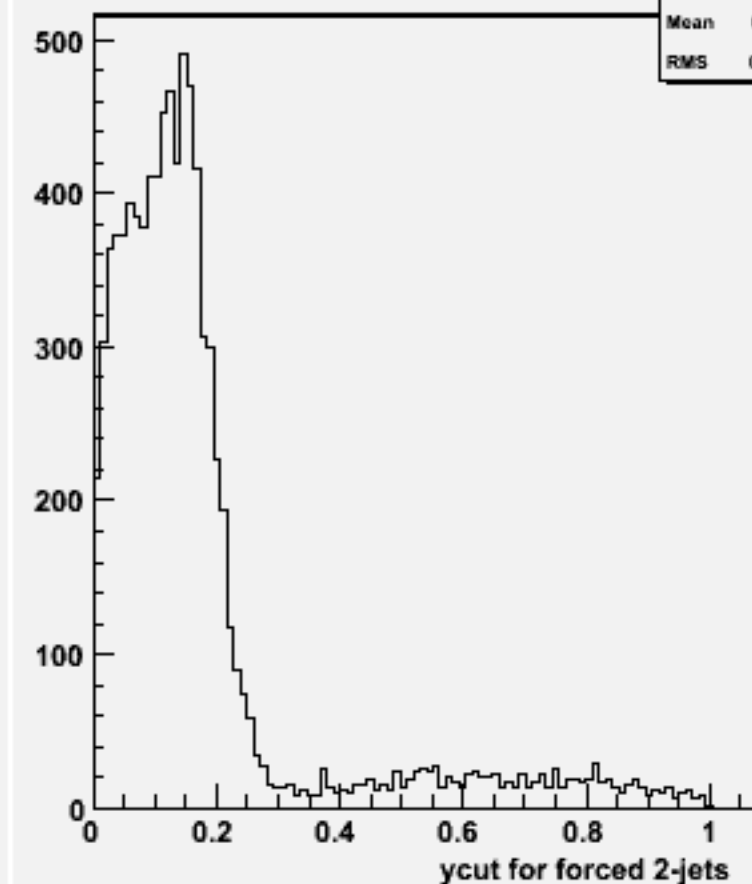
|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 4.984 |
| RMS     | 1.173 |



Ycut for 2-jets :w101556 n3n3ude1n1\_o

h\_yc2j

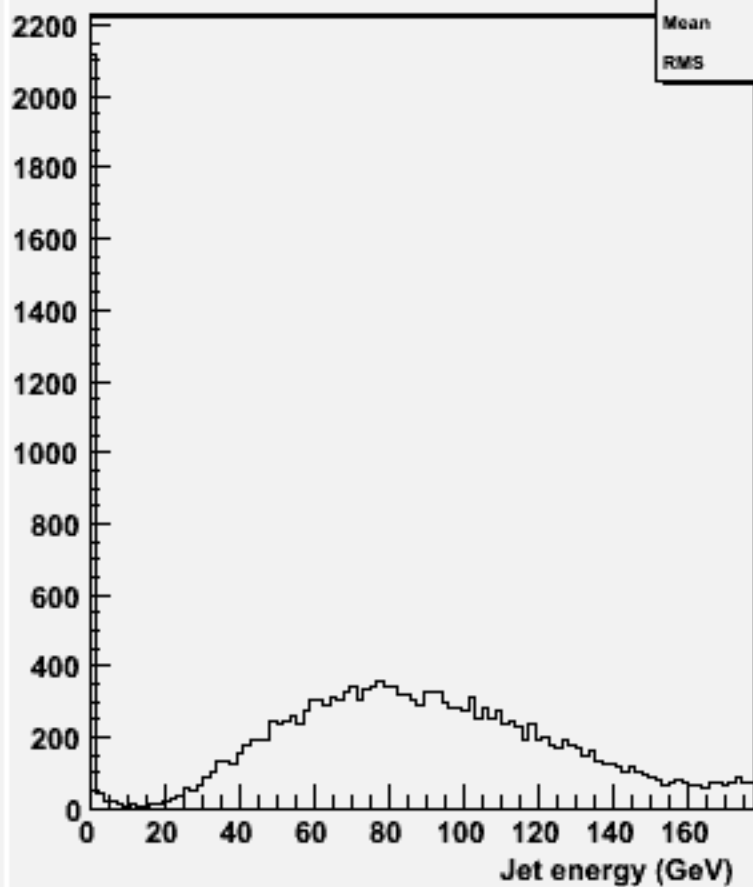
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.1761 |
| RMS     | 0.1894 |



energy for 2-jets :w101556 n3n3ude1n1\_o

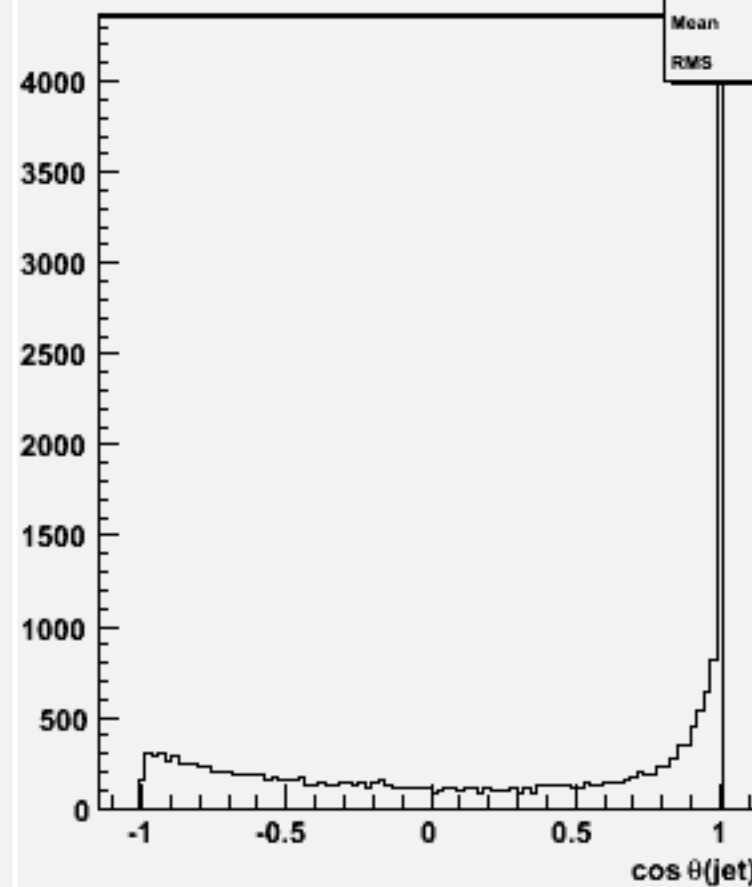
h\_j0e

|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 80.51 |
| RMS     | 43.97 |

cos  $\theta$  for 2-jets :w101556 n3n3ude1n1\_o

h\_j0cs

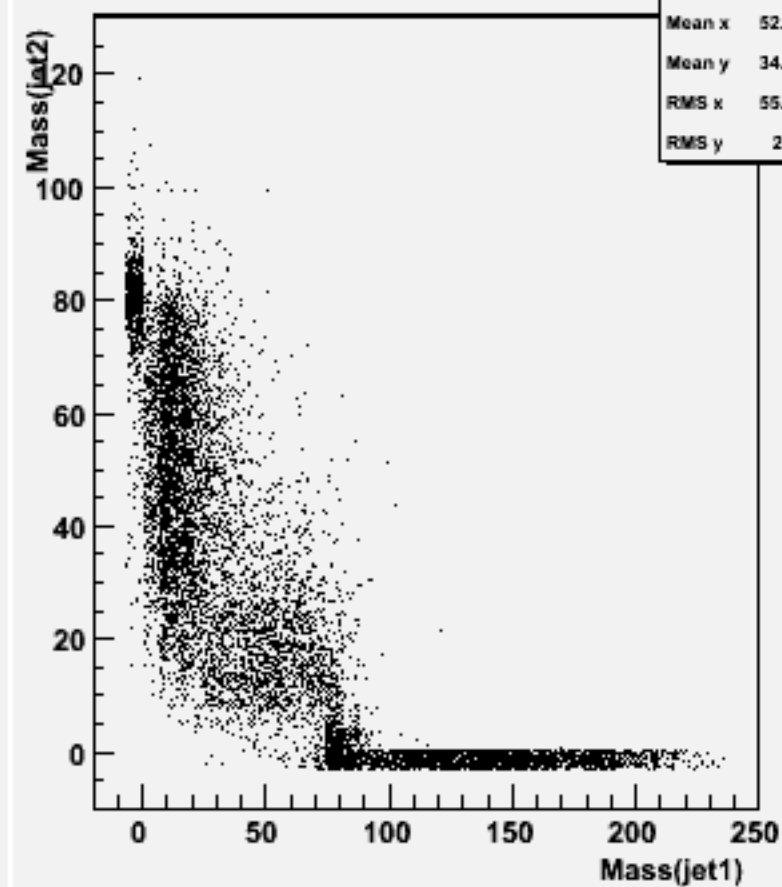
|         |        |
|---------|--------|
| Entries | 20000  |
| Mean    | 0.2473 |
| RMS     | 0.7245 |



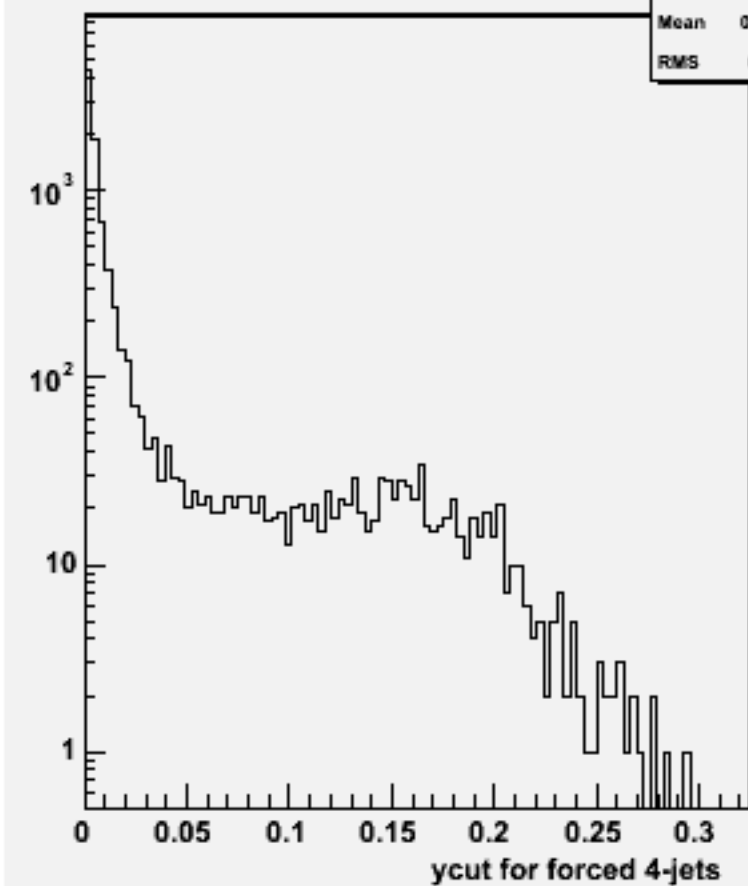
Jet mass for forced 2-jets : w101556 n3n3ude1n1\_o

h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 52.97 |
| Mean y  | 34.06 |
| RMS x   | 55.05 |
| RMS y   | 29.9  |

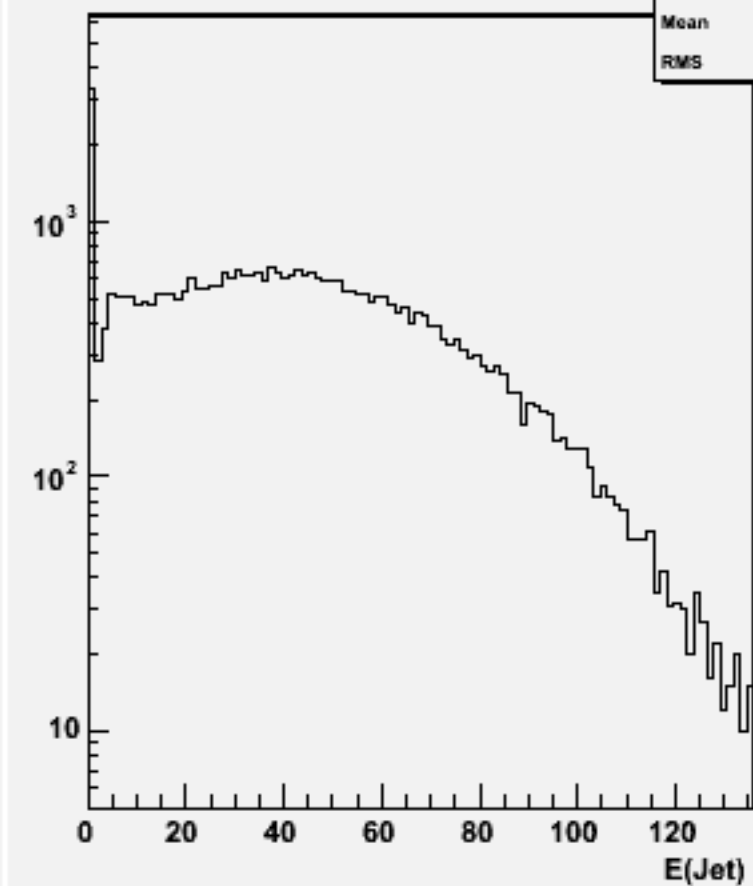


Ycut for 4-jets :w101556 n3n3ude1n1\_o

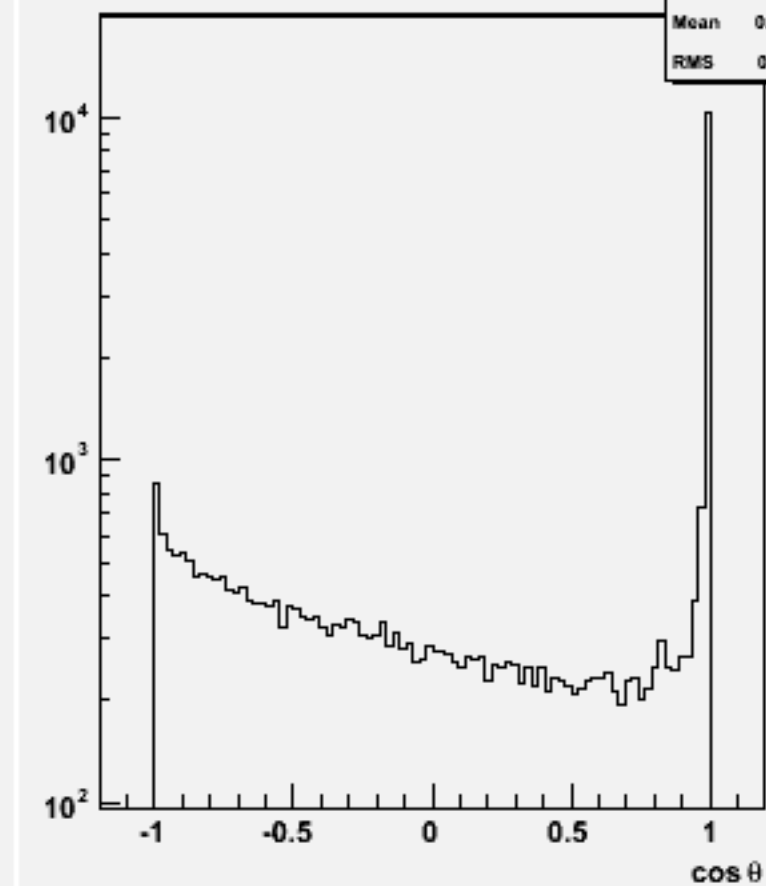


| h_yc4j  |         |
|---------|---------|
| Entries | 9281    |
| Mean    | 0.02022 |
| RMS     | 0.0447  |

Jet energies(All jets)w101556 n3n3ude1n1\_o

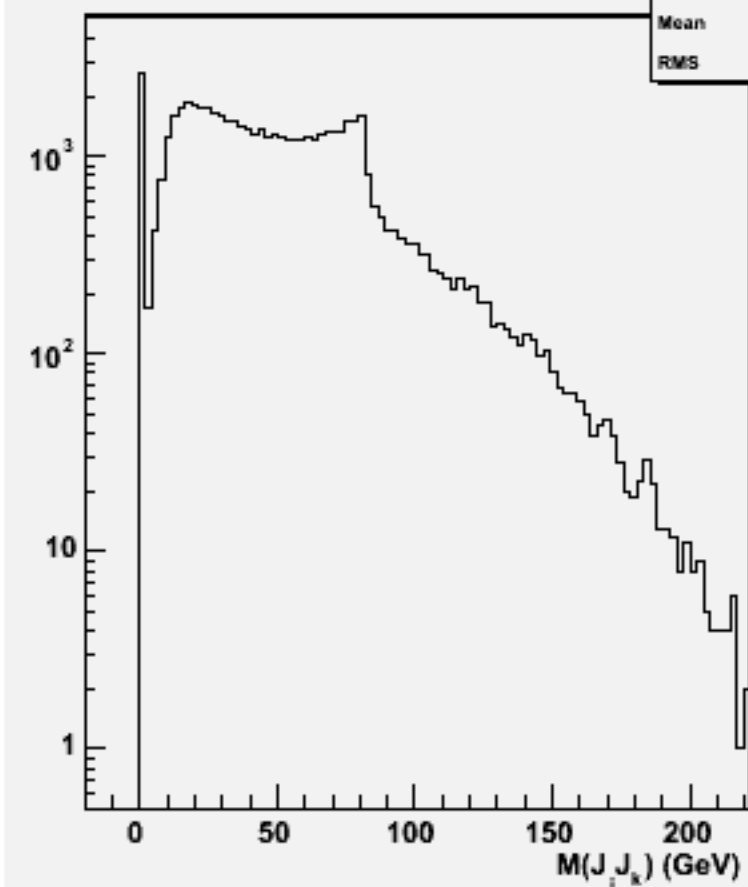


| ha_j0e  |       |
|---------|-------|
| Entries | 37124 |
| Mean    | 41.92 |
| RMS     | 29.27 |

Jet cos  $\theta$  (All jets)w101556 n3n3ude1n1\_o

| ha_j0cs |        |
|---------|--------|
| Entries | 37124  |
| Mean    | 0.1699 |
| RMS     | 0.7291 |

2jets mass(All comb)w101556 n3n3ude1n1\_o



| ha_m01  |       |
|---------|-------|
| Entries | 55686 |
| Mean    | 50.81 |
| RMS     | 34.83 |