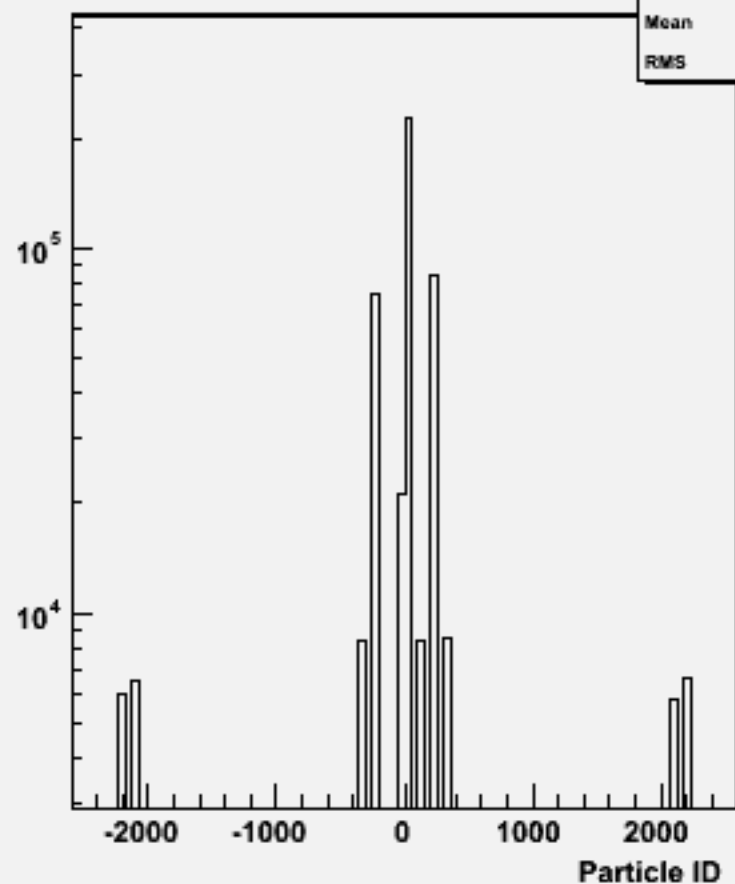


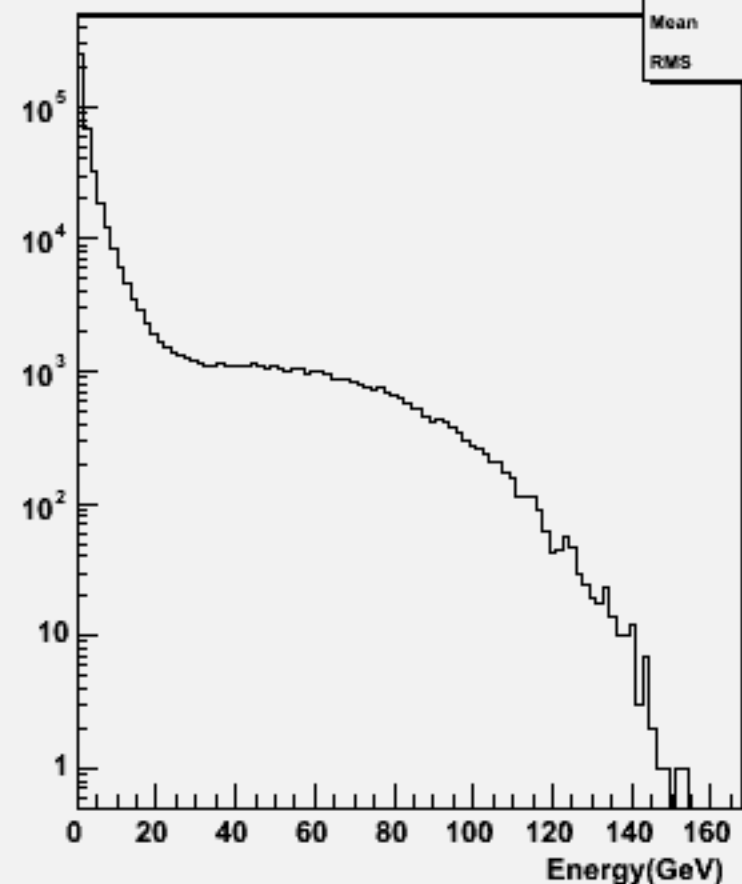
# Generator file information: w101358 n1n1ude1n1\_o

process\_id=w101358  
job\_date\_time=100628-144426  
process\_name=n1n1ude1n1\_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=2.10468045076022  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w101358\_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/w101358/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w101358/run_01)  
comment=

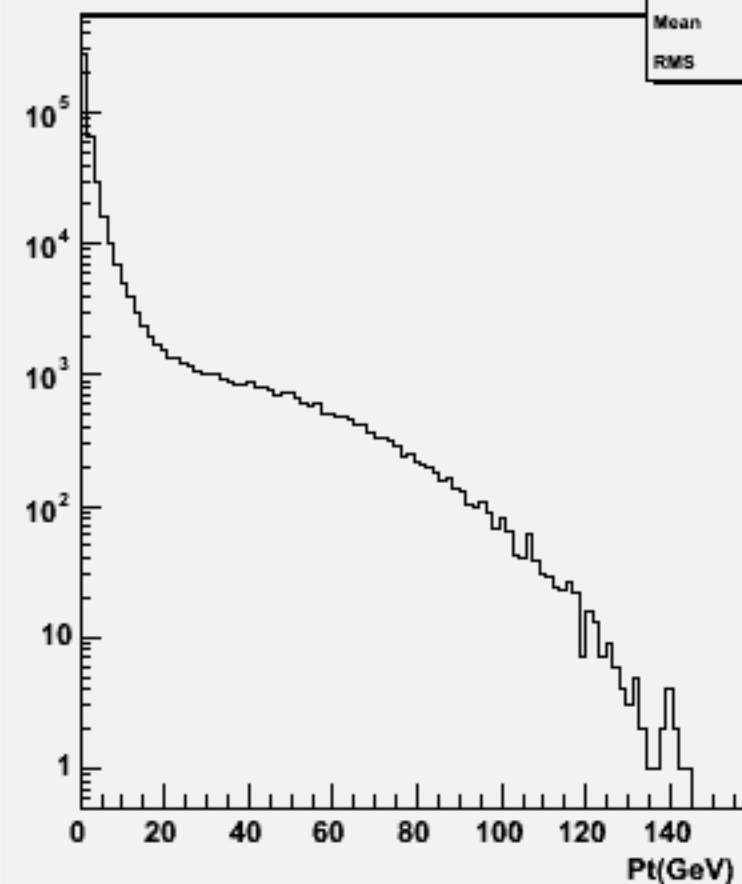
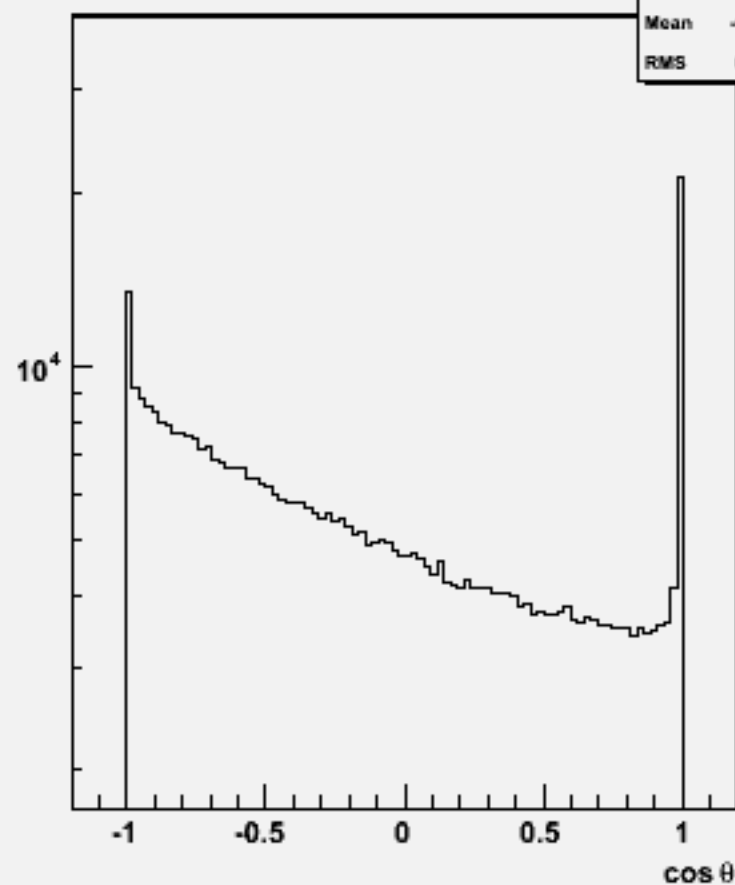
Particle ID : w101358 n1n1ude1n1\_o



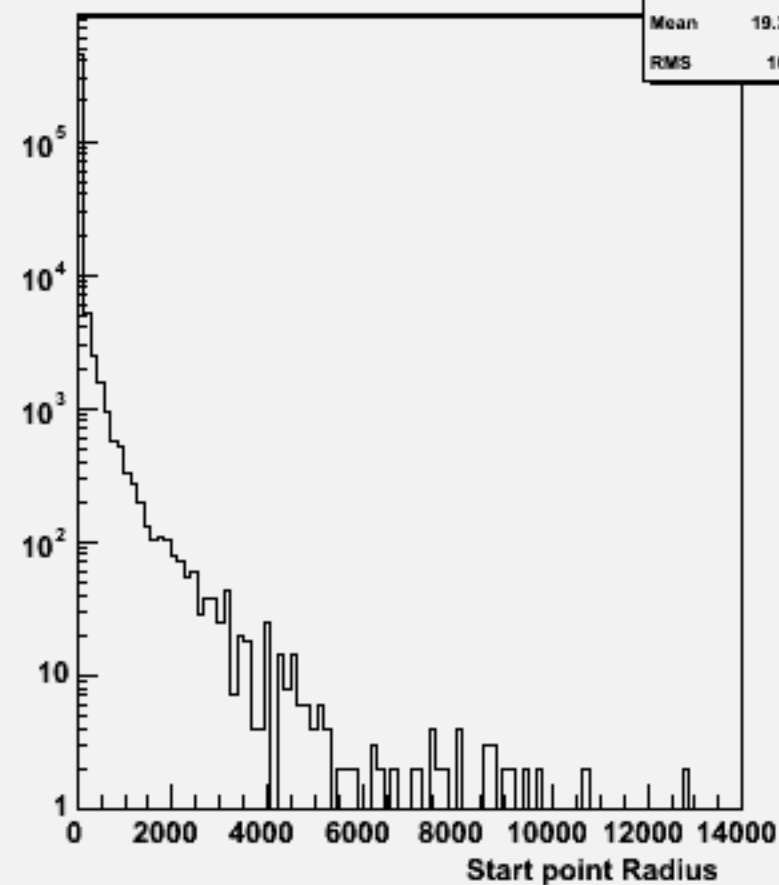
Particle Energy : w101358 n1n1ude1n1\_o



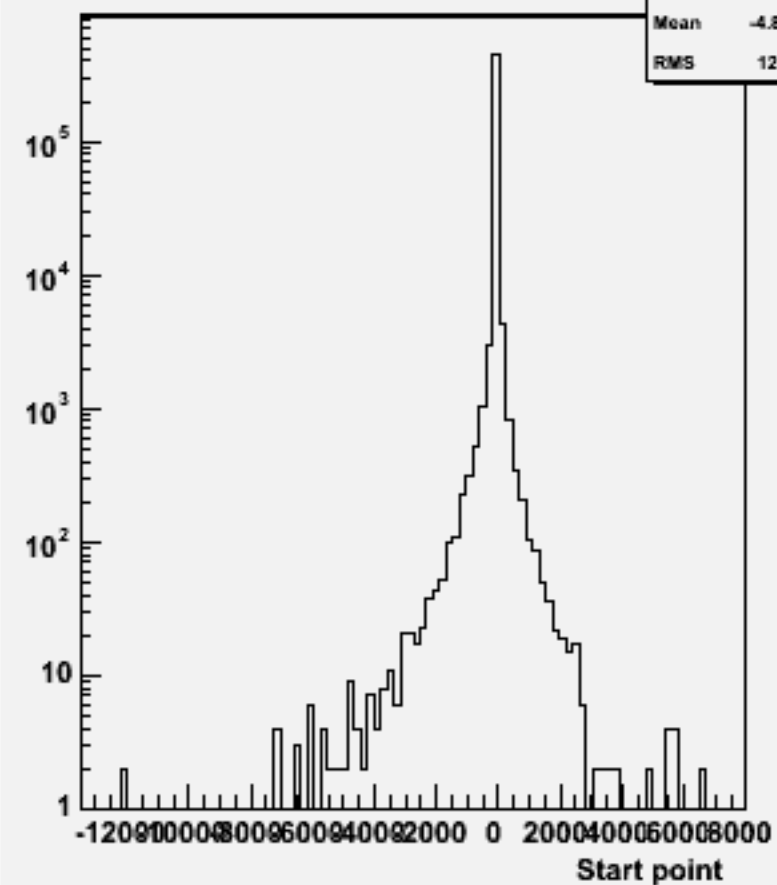
Particle Pt : w101358 n1n1ude1n1\_o

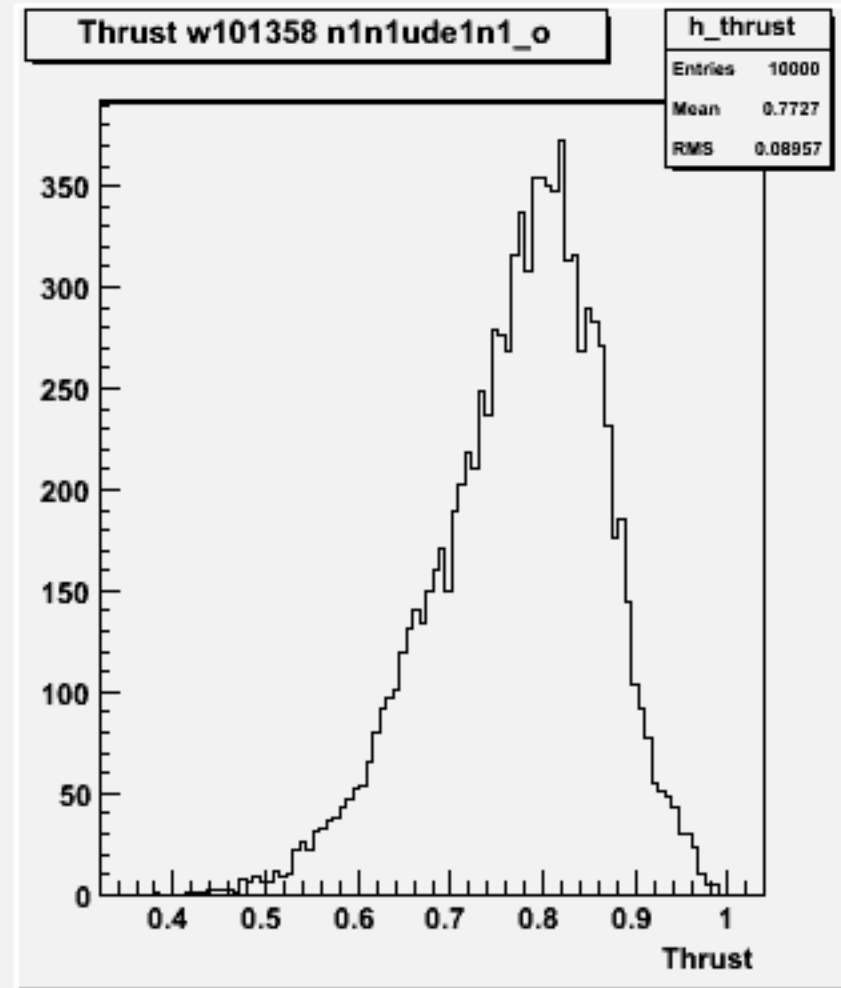
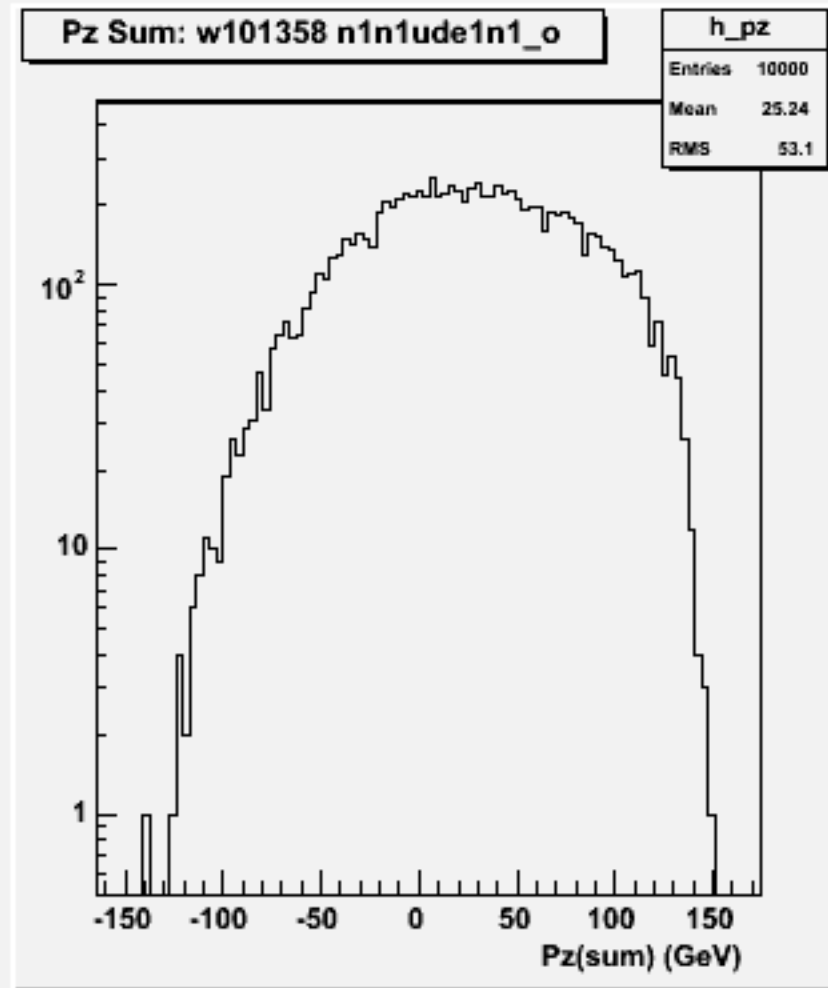
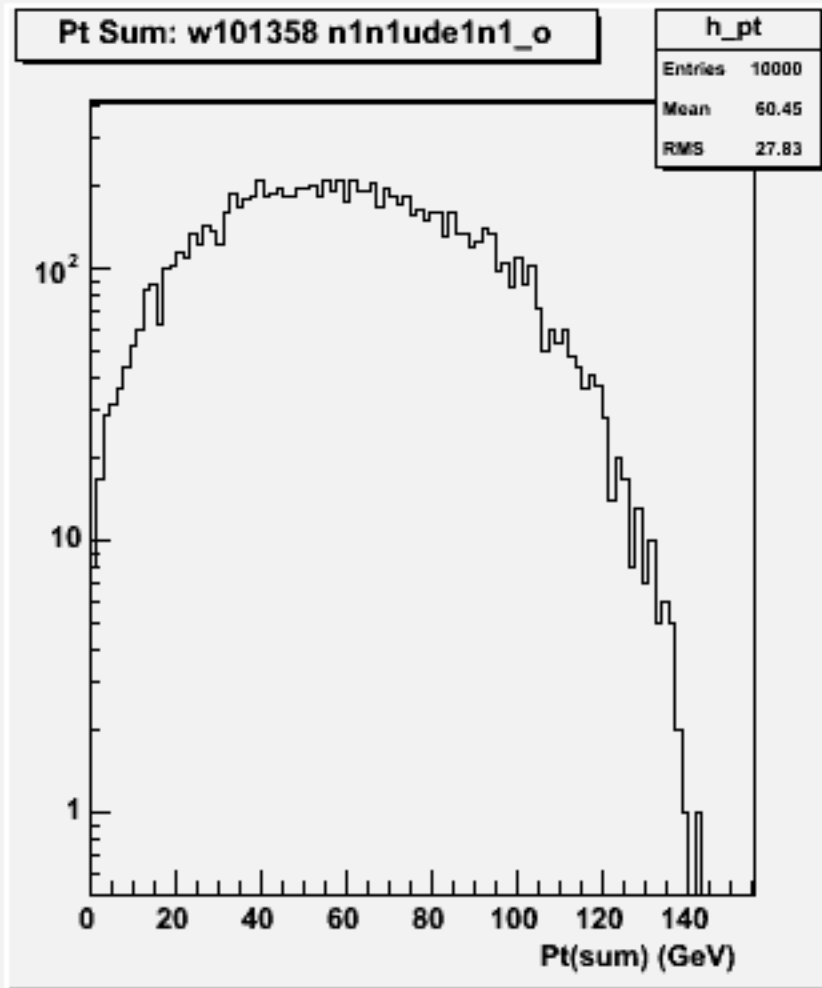
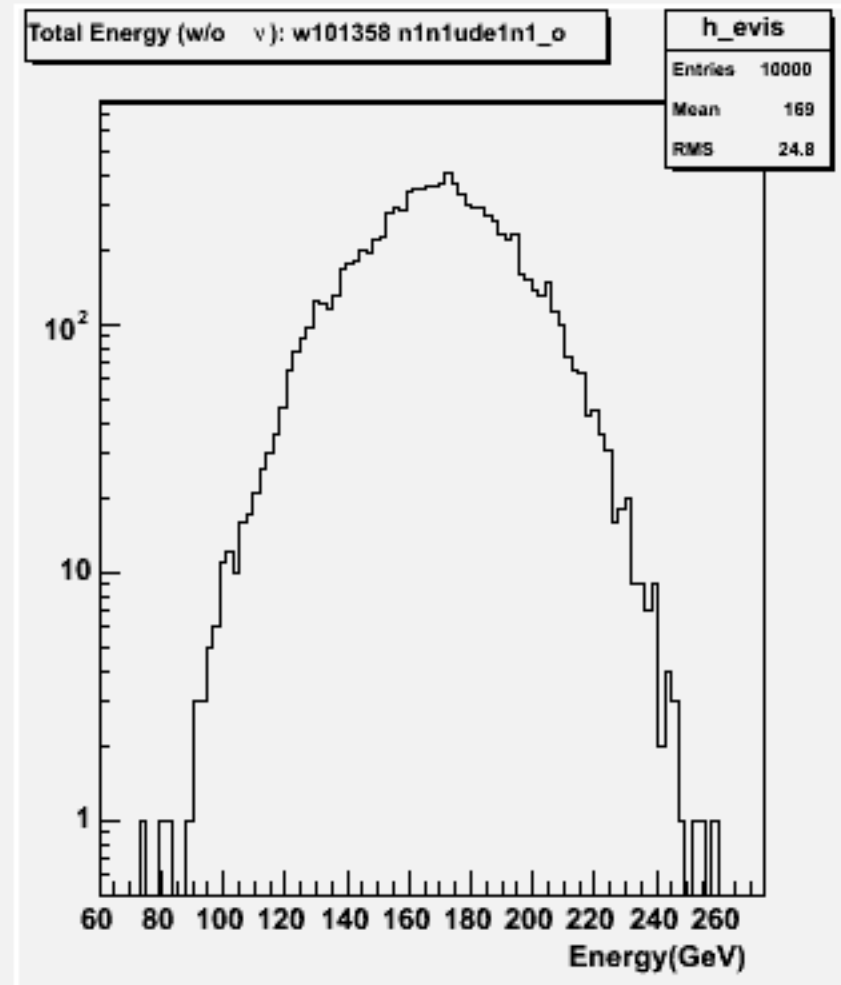
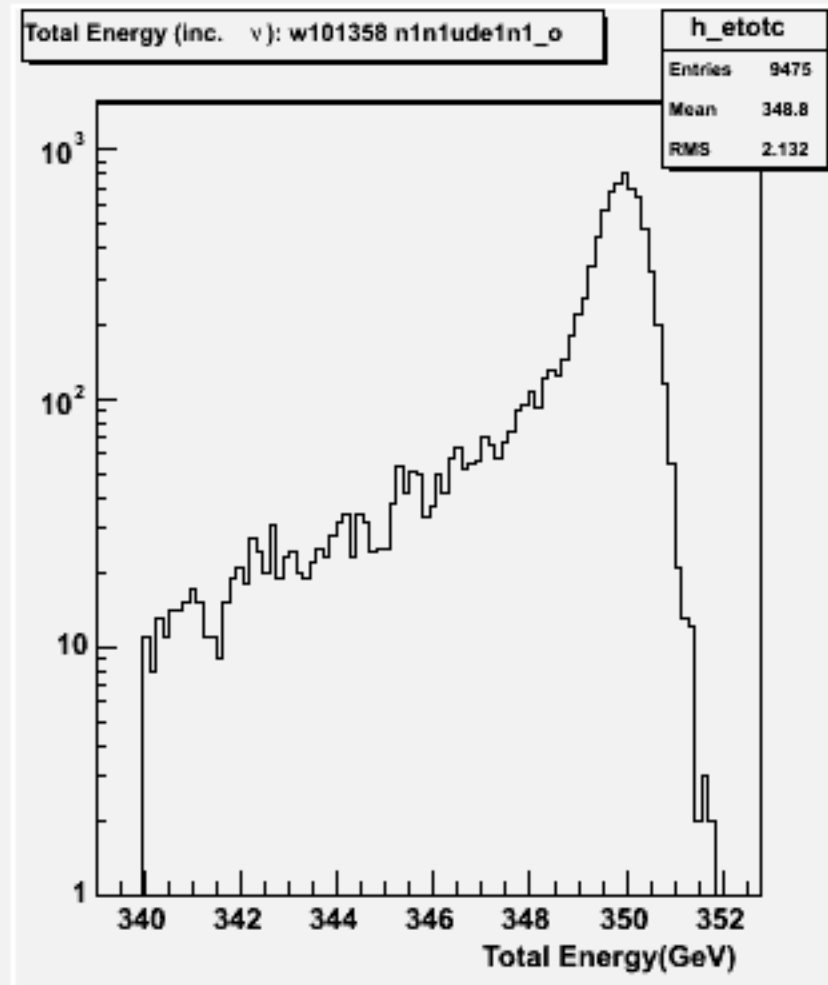
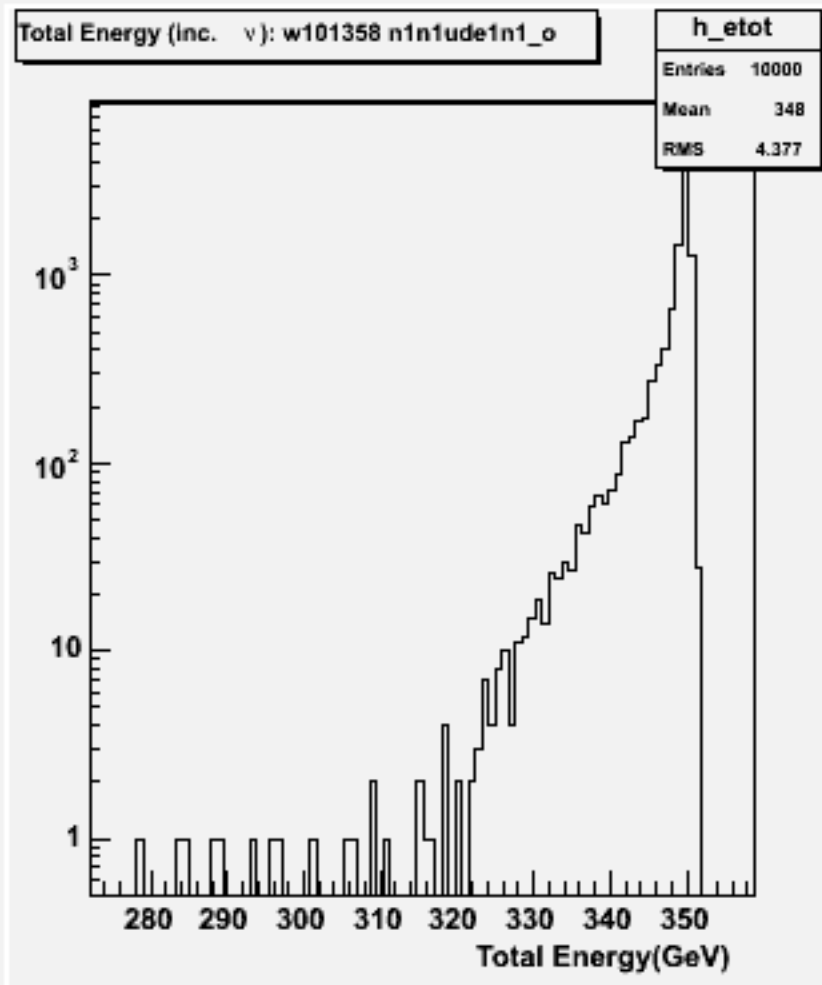
Particle cos $\theta$  : w101358 n1n1ude1n1\_o

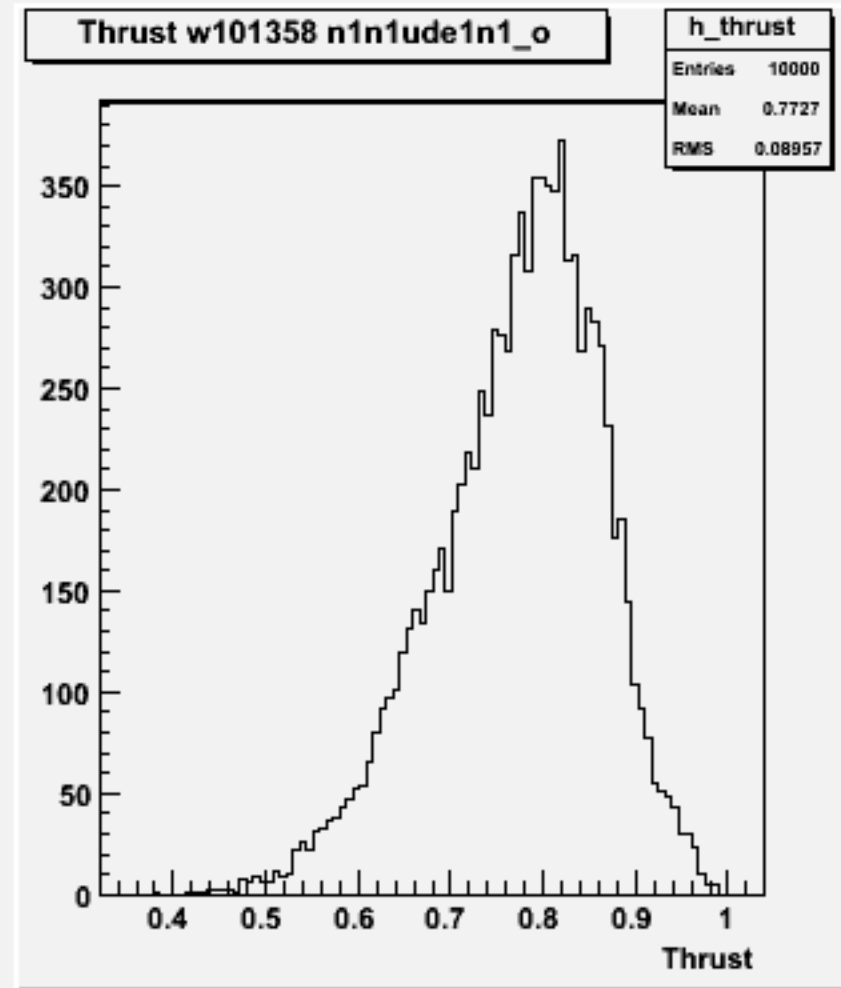
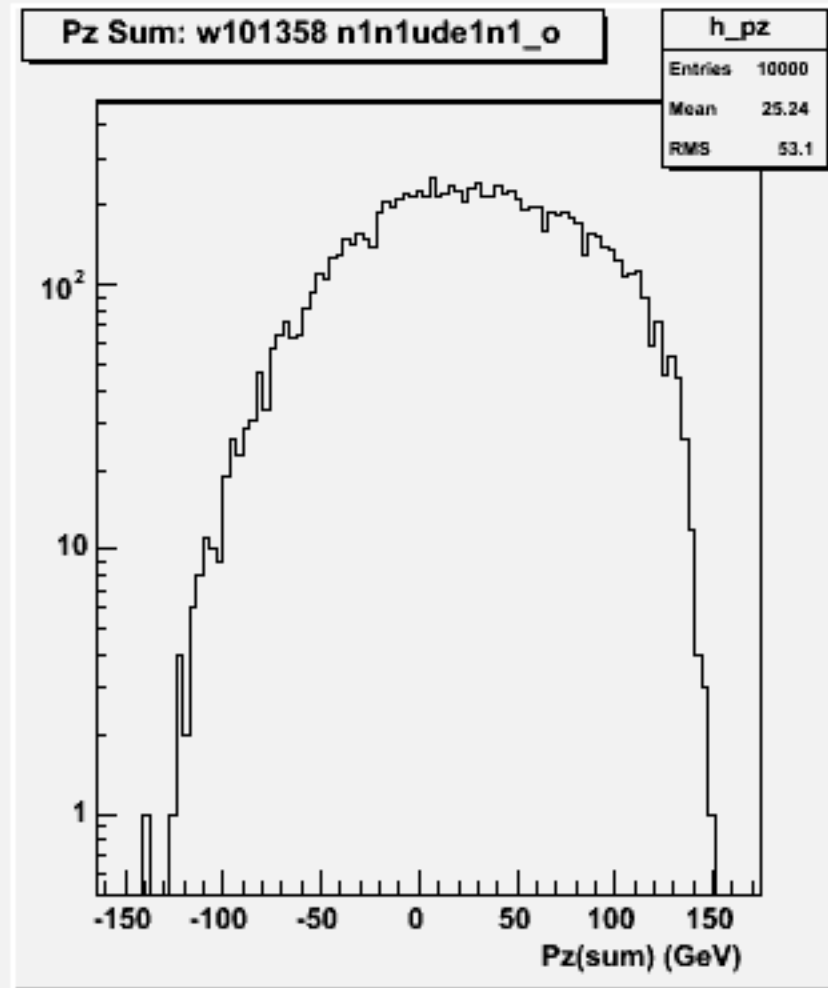
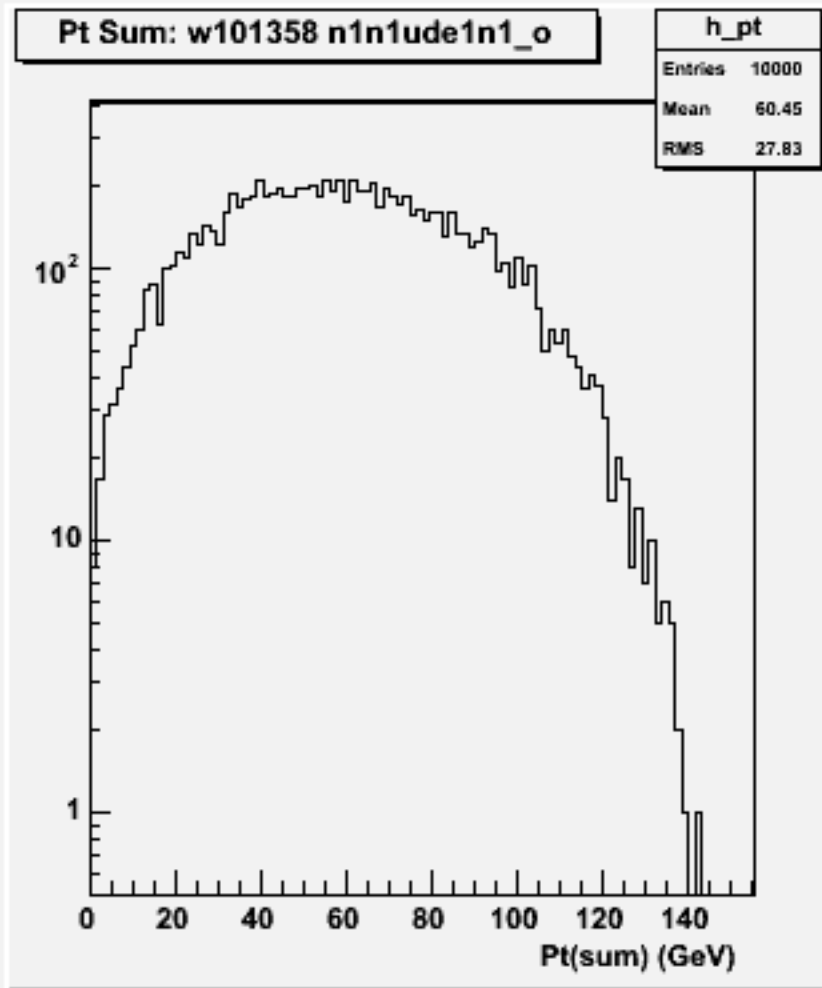
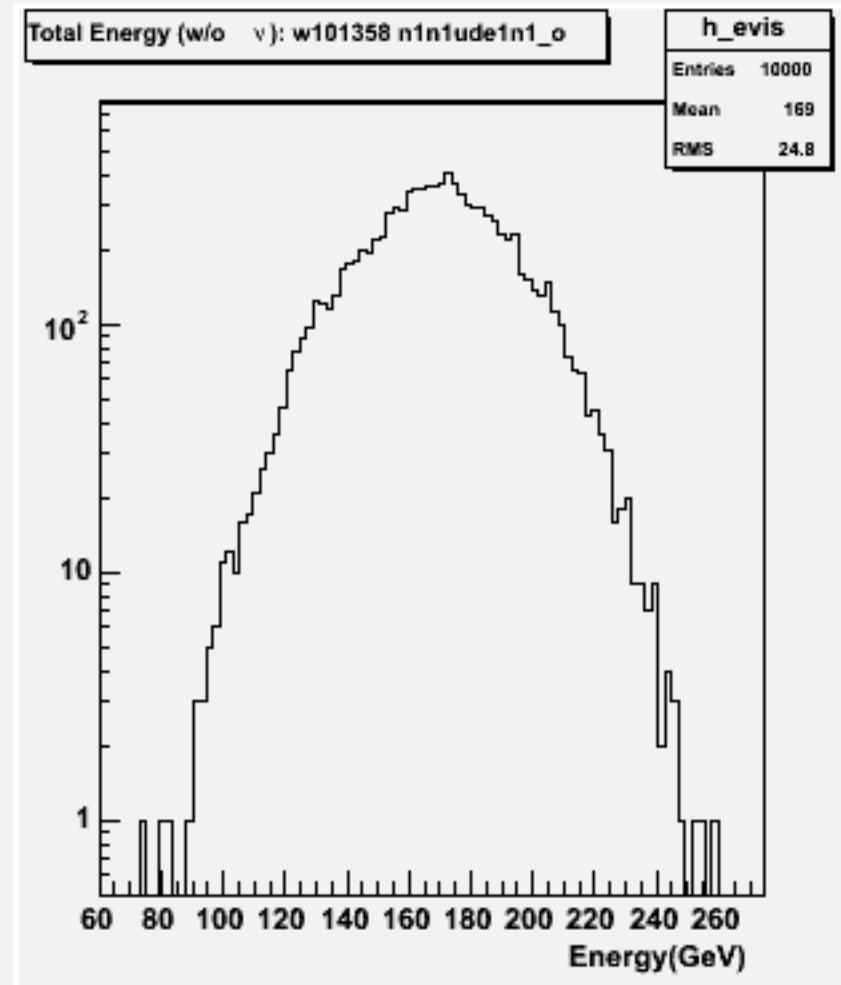
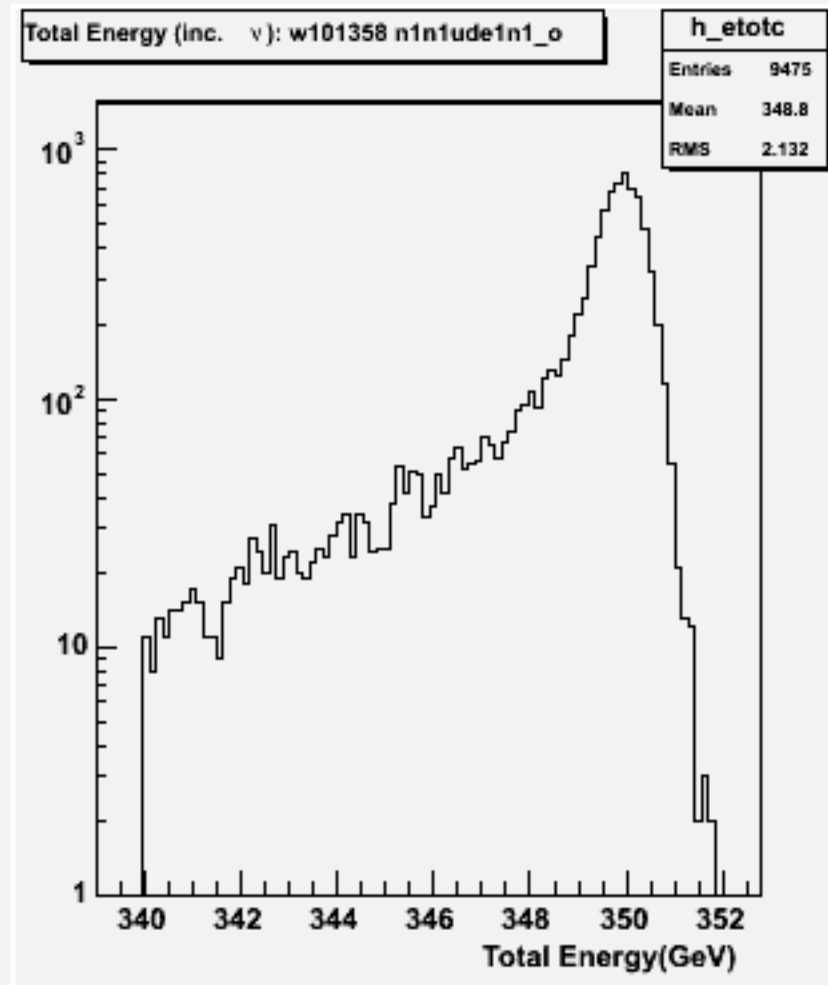
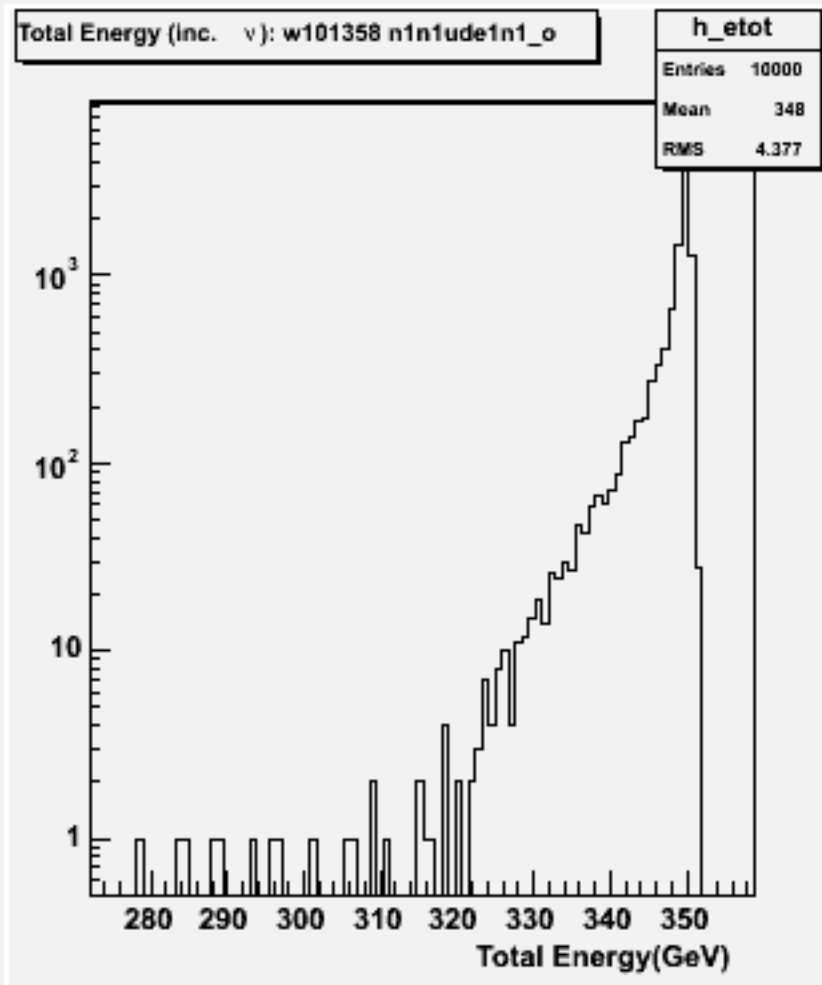
Start point R : w101358 n1n1ude1n1\_o



Start point Z : w101358 n1n1ude1n1\_o



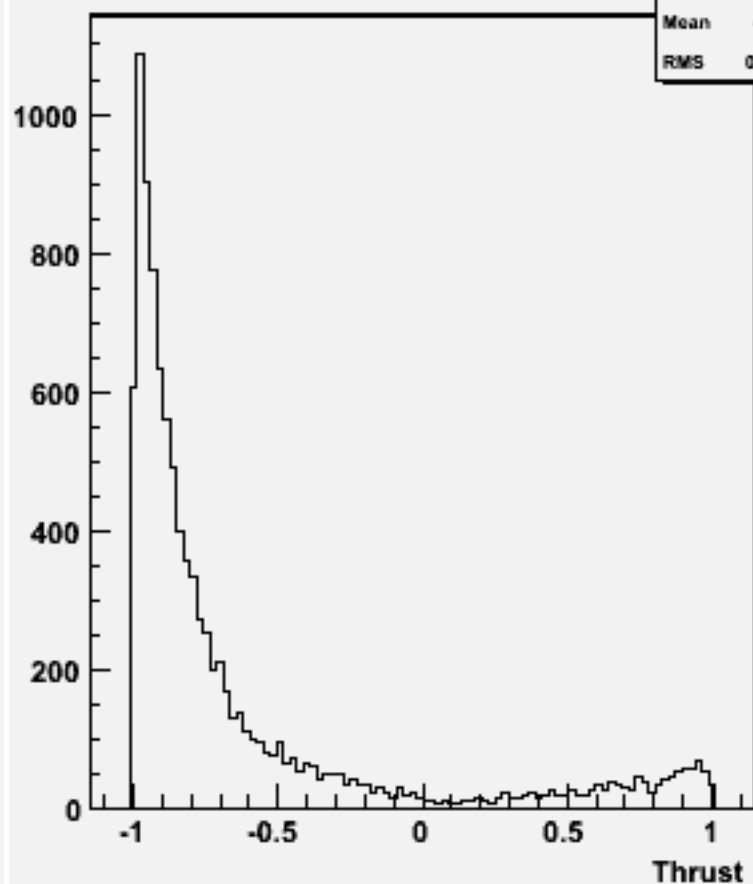




cos  $\Theta$ (thrust) w101358 n1n1ude1n1\_o

h\_csth

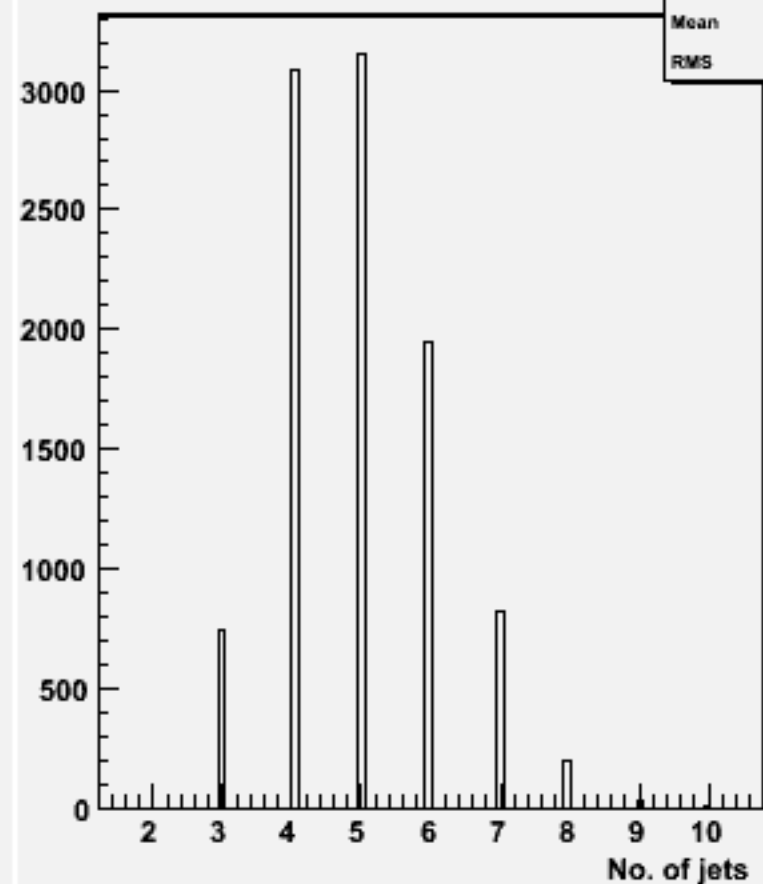
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | -0.641 |
| RMS     | 0.5108 |



No. jets (ycut=0.001) : w101358 n1n1ude1n1\_o

h\_njets

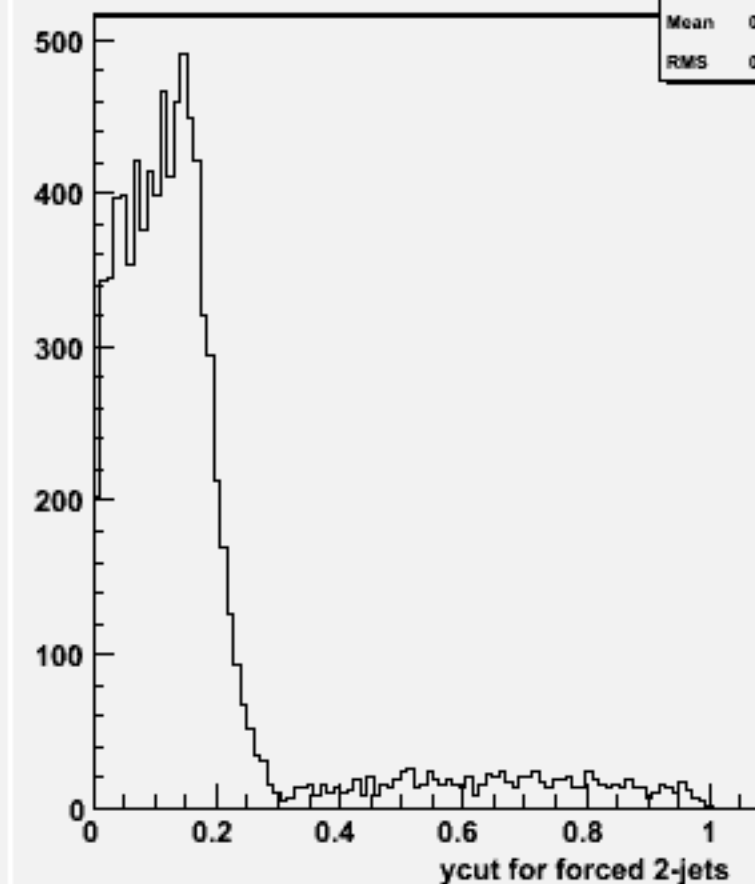
|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 4.978 |
| RMS     | 1.177 |



Ycut for 2-jets :w101358 n1n1ude1n1\_o

h\_yc2j

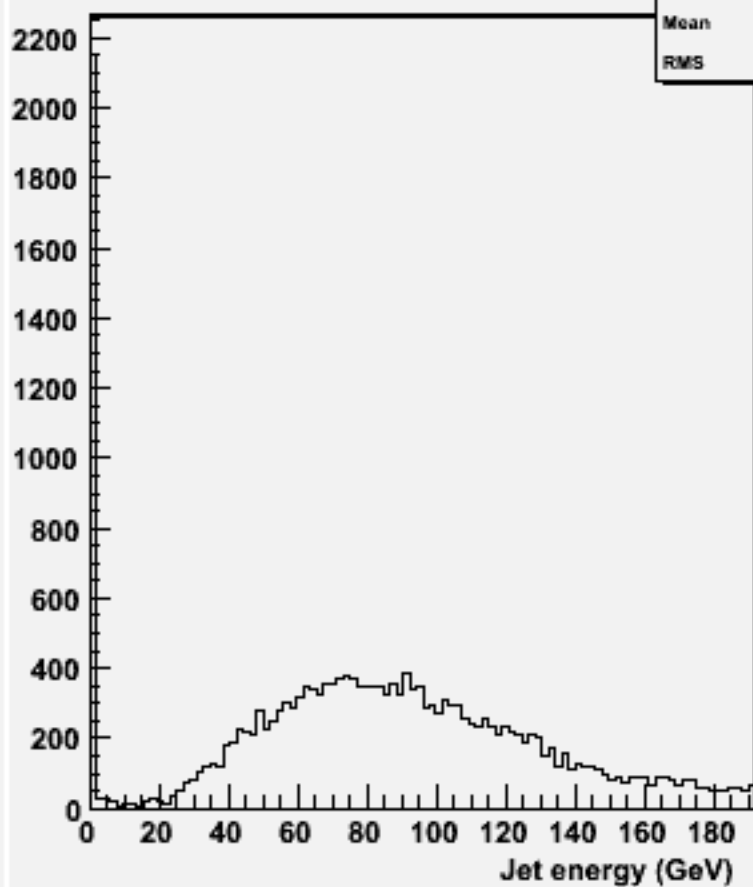
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.1733 |
| RMS     | 0.1887 |



energy for 2-jets :w101358 n1n1ude1n1\_o

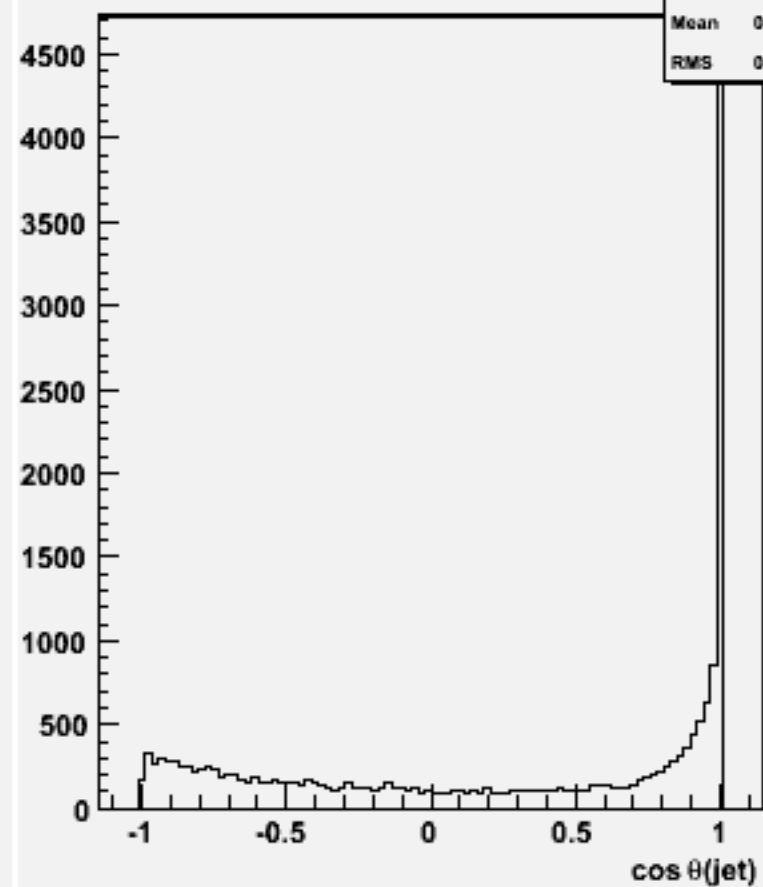
h\_j0e

|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 82.34 |
| RMS     | 46.08 |

cos  $\theta$  for 2-jets :w101358 n1n1ude1n1\_o

h\_j0cs

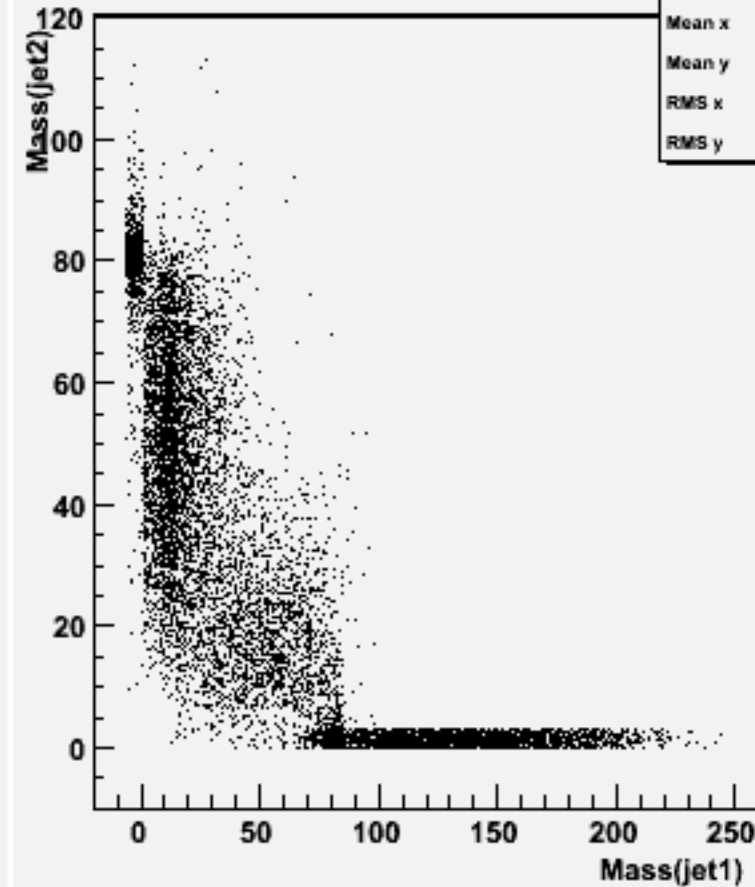
|         |        |
|---------|--------|
| Entries | 20000  |
| Mean    | 0.2588 |
| RMS     | 0.7304 |



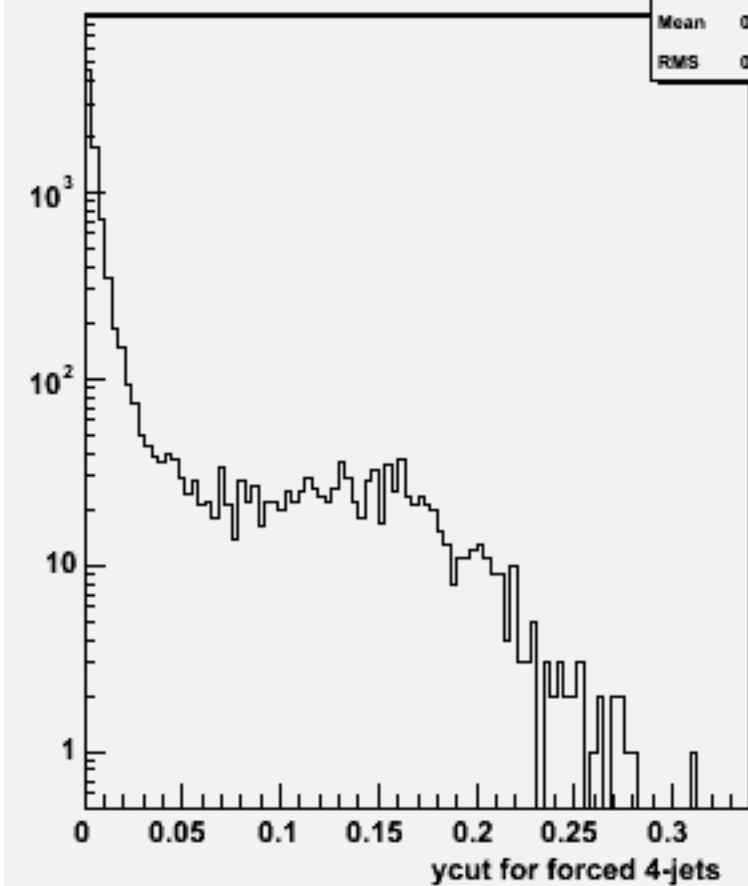
Jet mass for forced 2-jets : w101358 n1n1ude1n1\_o

h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 53.61 |
| Mean y  | 33.08 |
| RMS x   | 54.95 |
| RMS y   | 29.61 |

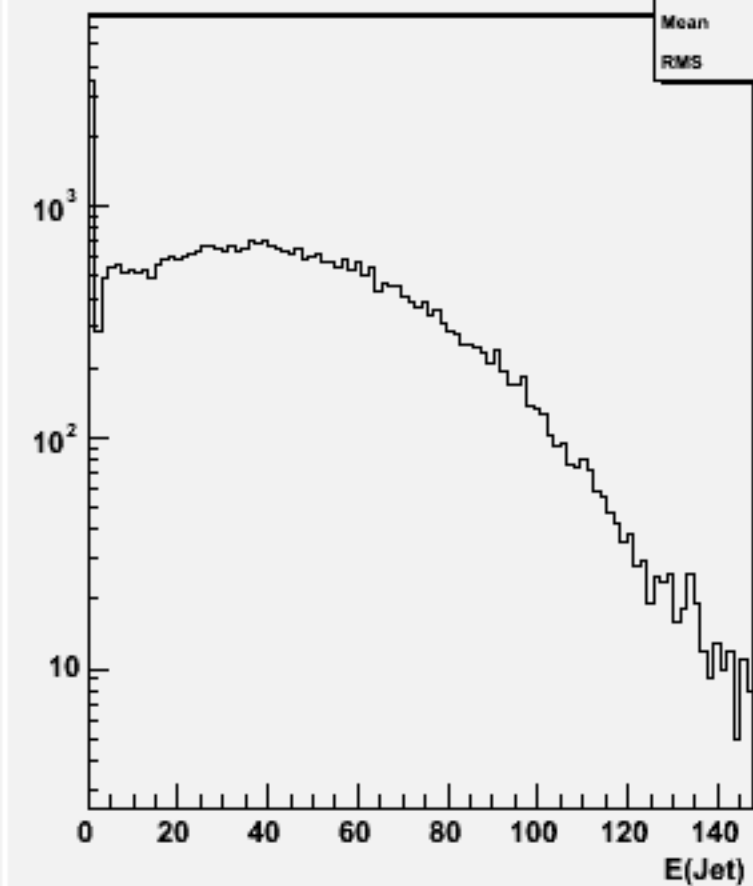


Ycut for 4-jets :w101358 n1n1ude1n1\_o

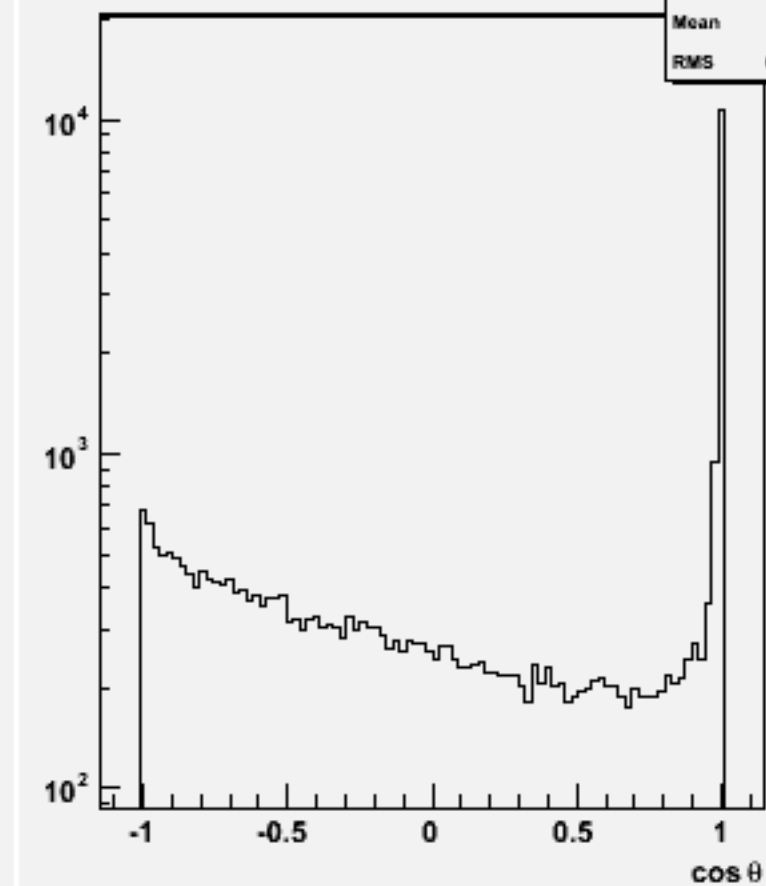


| h_yc4j  |         |
|---------|---------|
| Entries | 9250    |
| Mean    | 0.02043 |
| RMS     | 0.04409 |

Jet energies(All jets)w101358 n1n1ude1n1\_o

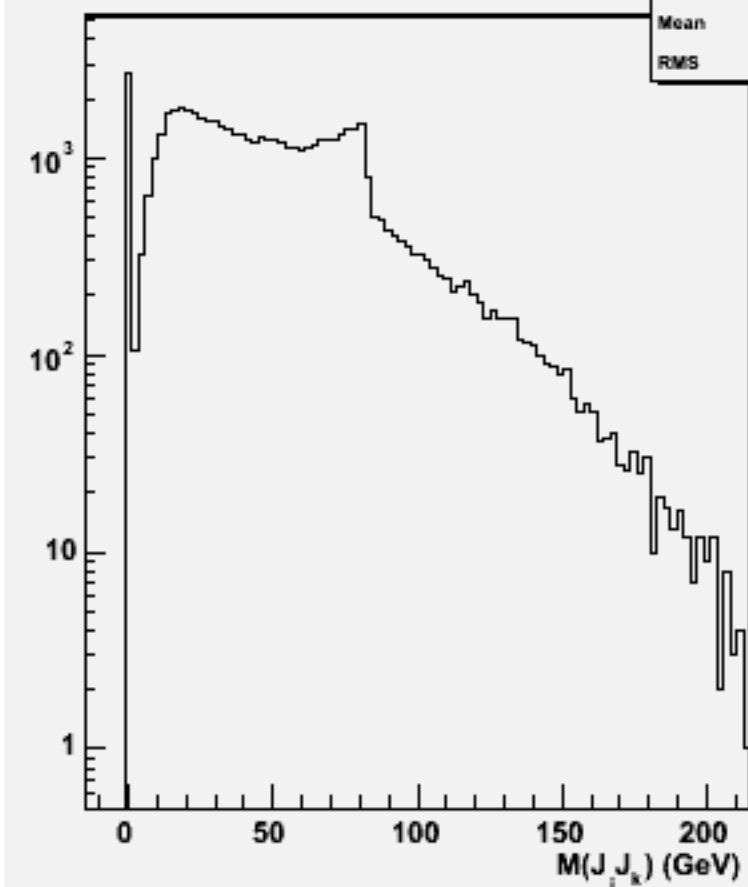


| ha_j0e  |       |
|---------|-------|
| Entries | 37000 |
| Mean    | 42    |
| RMS     | 29.75 |

Jet cos  $\theta$  (All jets)w101358 n1n1ude1n1\_o

| ha_j0cs |       |
|---------|-------|
| Entries | 37000 |
| Mean    | 0.18  |
| RMS     | 0.735 |

2jets mass(All comb)w101358 n1n1ude1n1\_o



| ha_m01  |       |
|---------|-------|
| Entries | 55500 |
| Mean    | 50.51 |
| RMS     | 34.71 |