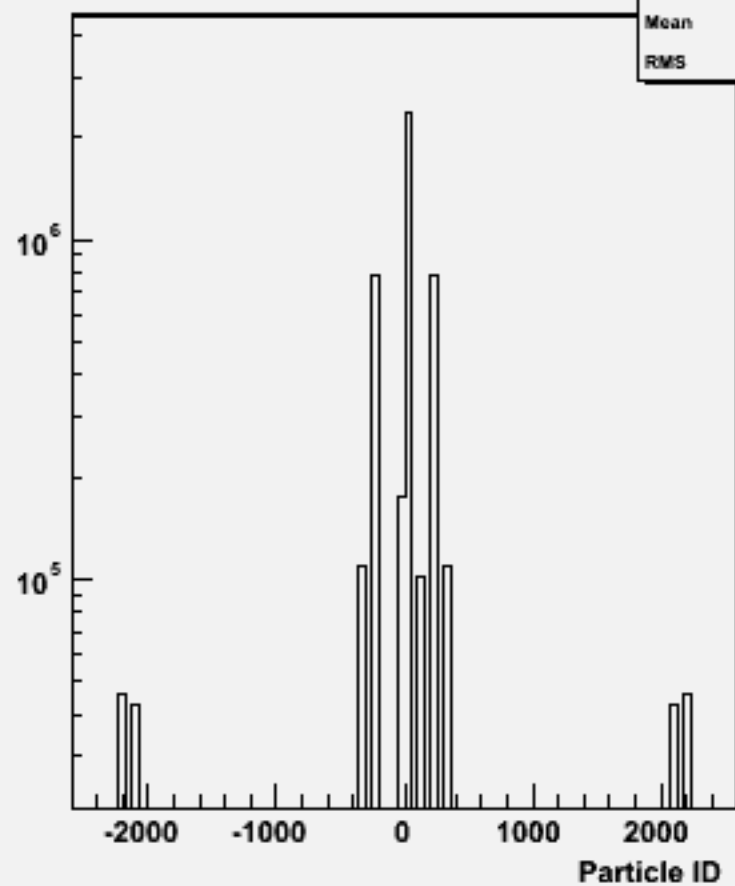


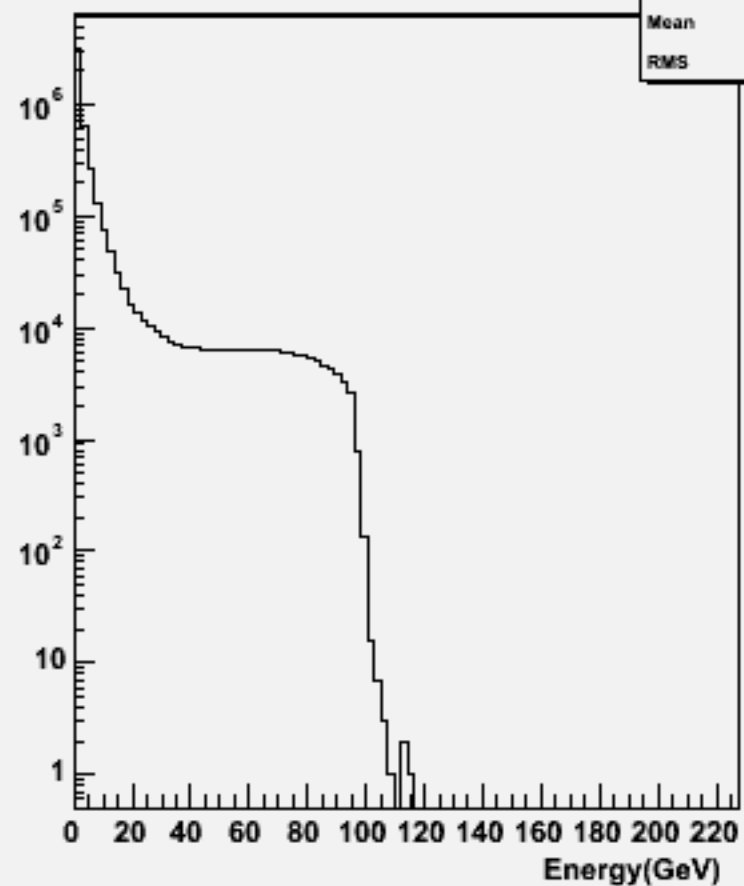
# Generator file information: w104701 n1n1h\_o

process\_id=w104701  
job\_date\_time=110730-221136  
process\_name=n1n1h\_o  
CM\_energy\_in\_GeV=250  
program\_name\_version=whizard-1.40  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=-1.0  
polarization2=+1.0  
luminosity=1000  
cross\_section\_in\_fb=83.3748721012658  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_005  
file\_type=stdhep  
total\_number\_of\_events=83375  
number\_of\_files=1  
file\_names=w104701\_01.stdhep  
number\_of\_events\_in\_files=83375  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0250  
logurl=[http://www-jlc.in.kek.jp/~miyamoto/CDS/0250/run\\_output/w104701/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0250/run_output/w104701/run_01)  
comment=

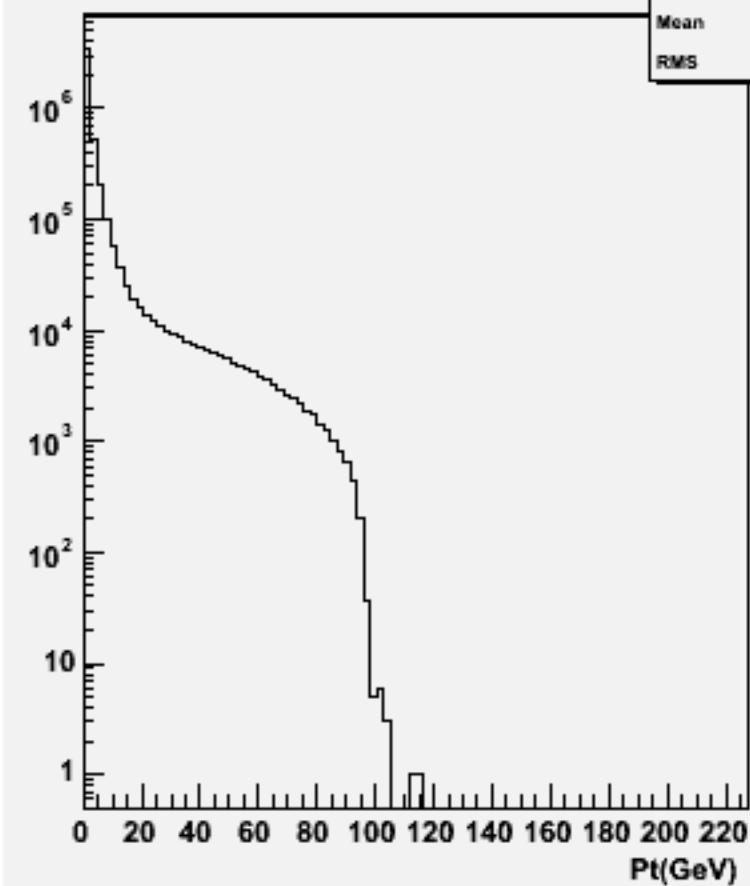
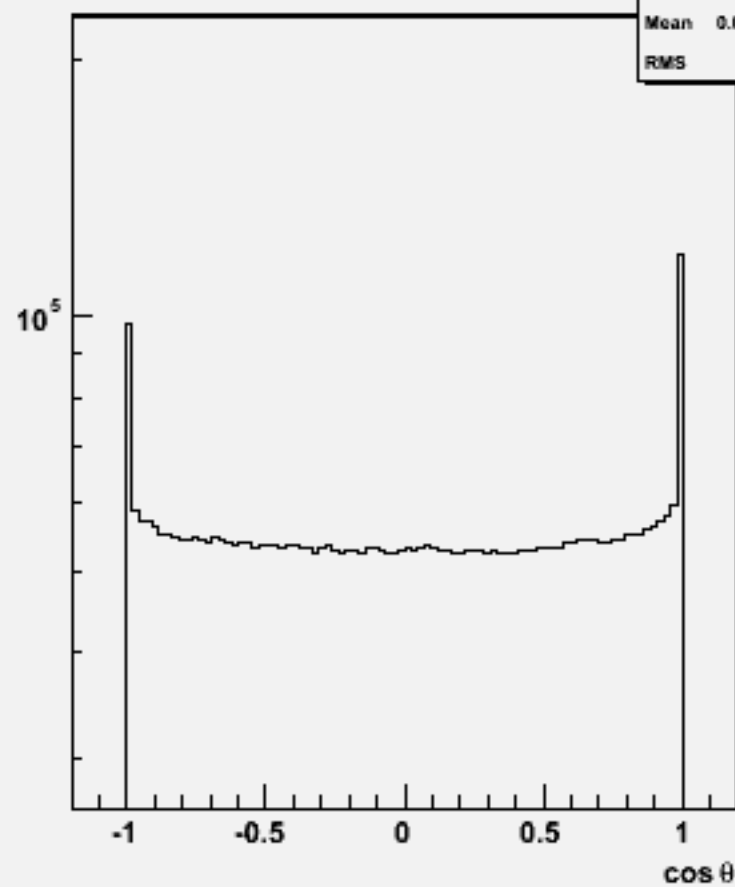
Particle ID : w104701 n1n1h\_o



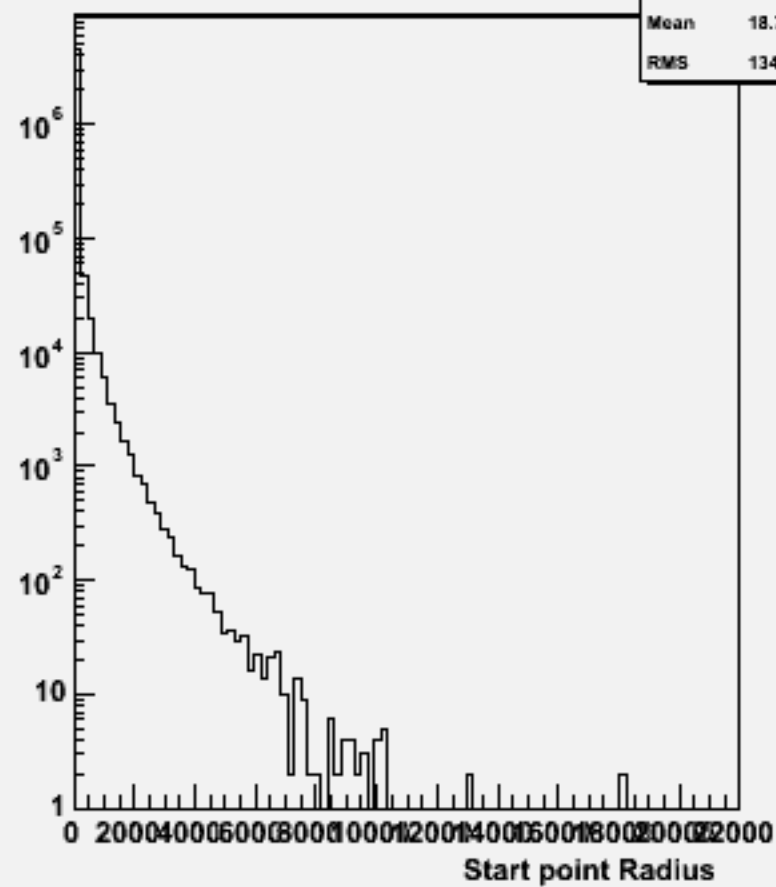
Particle Energy : w104701 n1n1h\_o



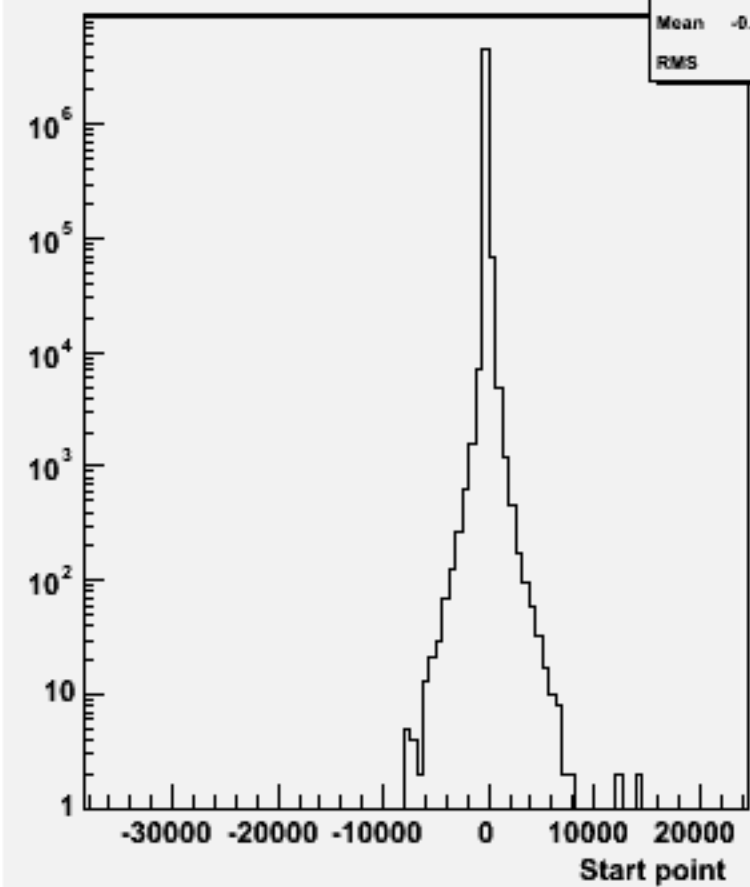
Particle Pt : w104701 n1n1h\_o

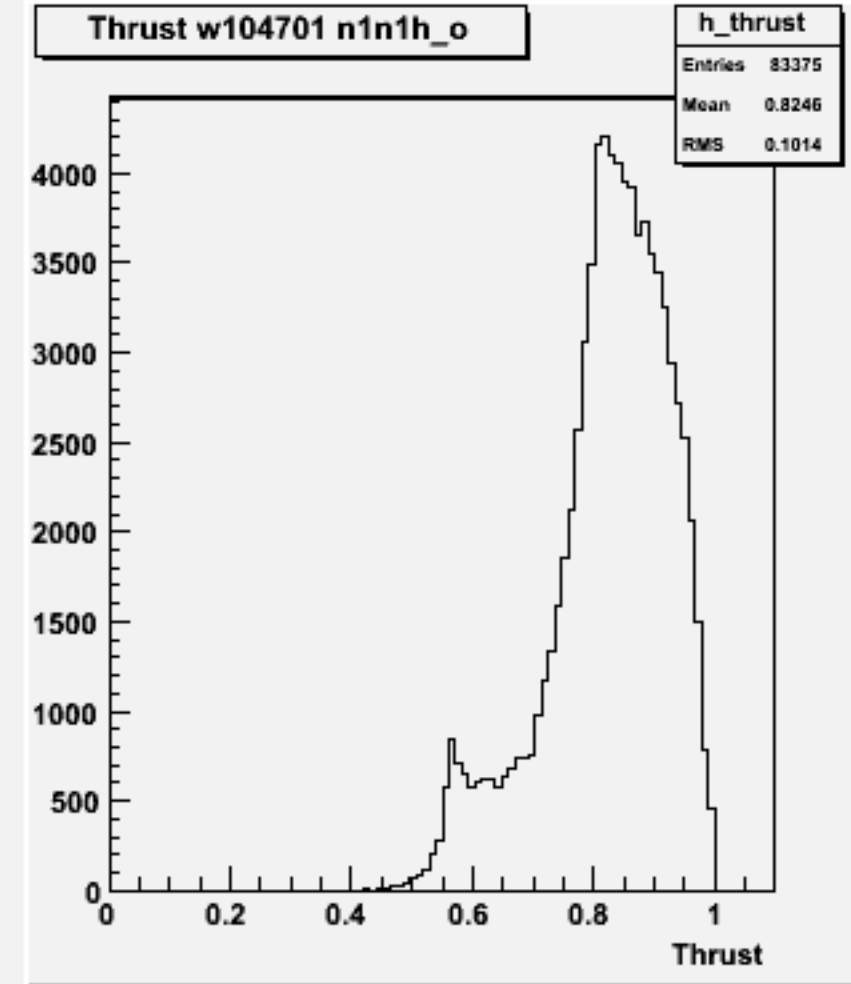
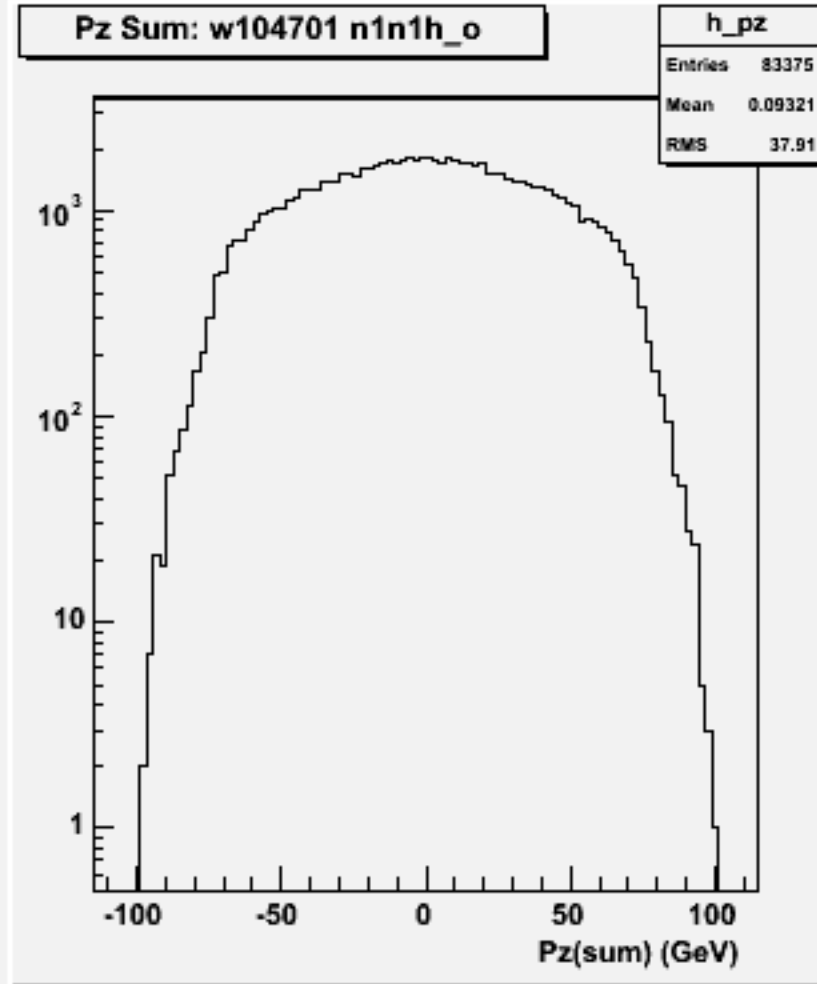
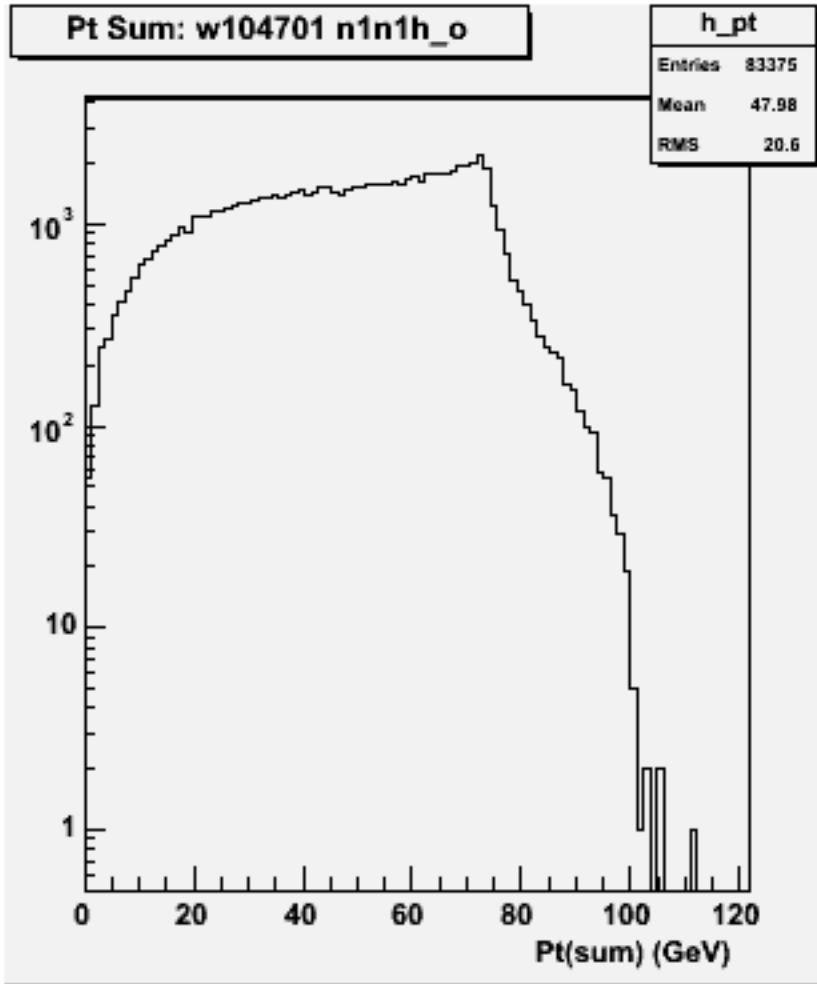
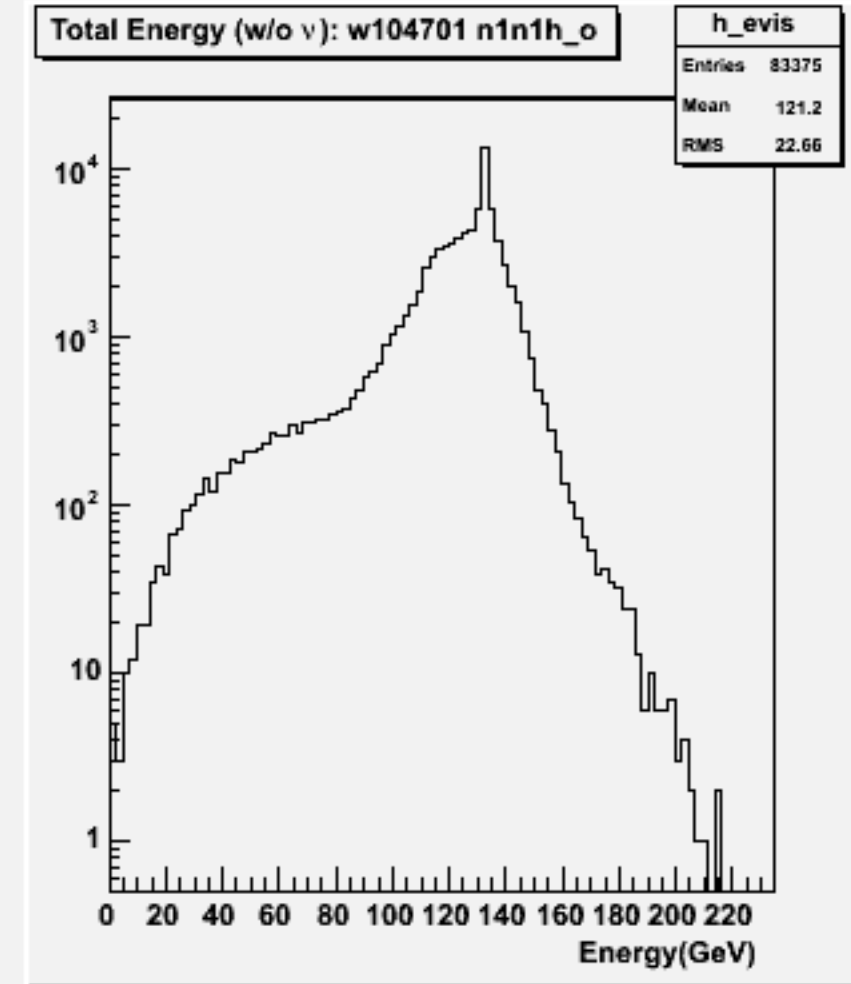
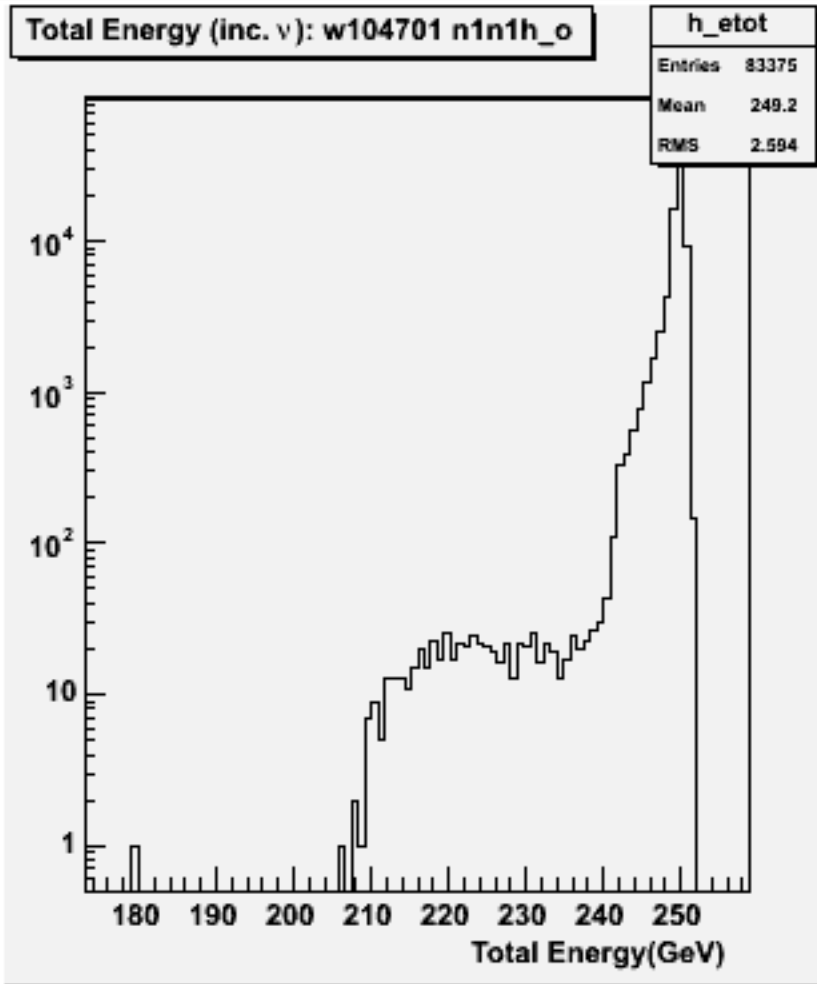
Particle cos $\theta$  : w104701 n1n1h\_o

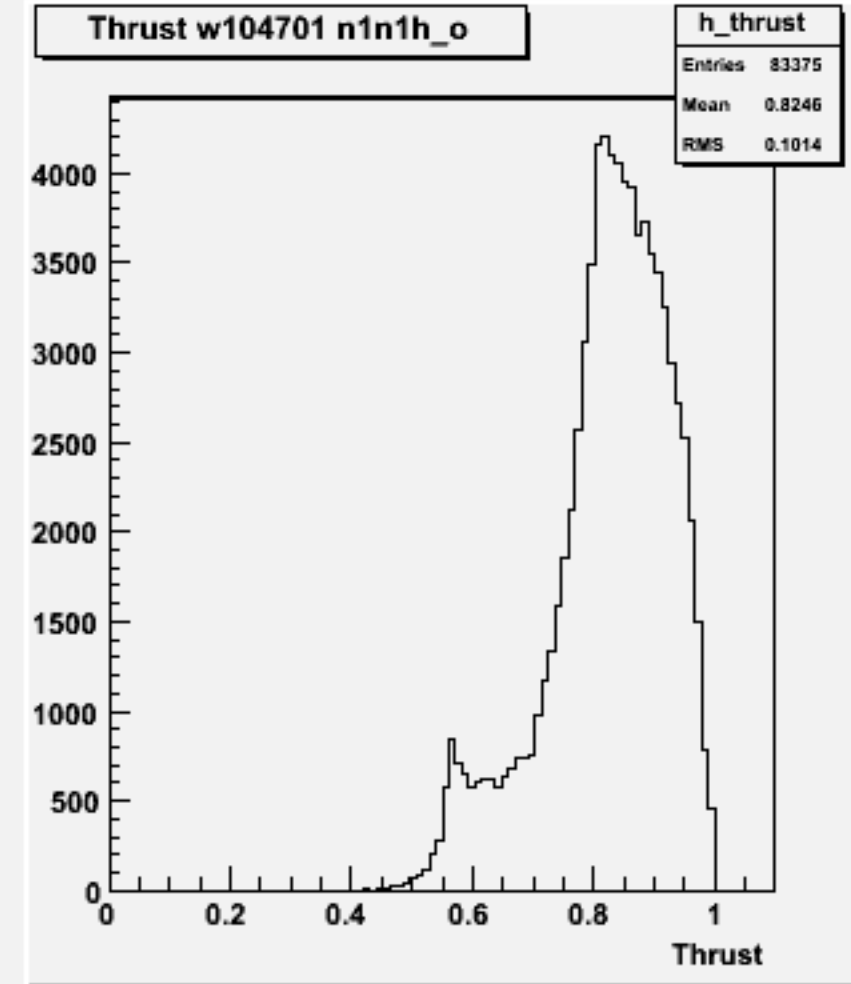
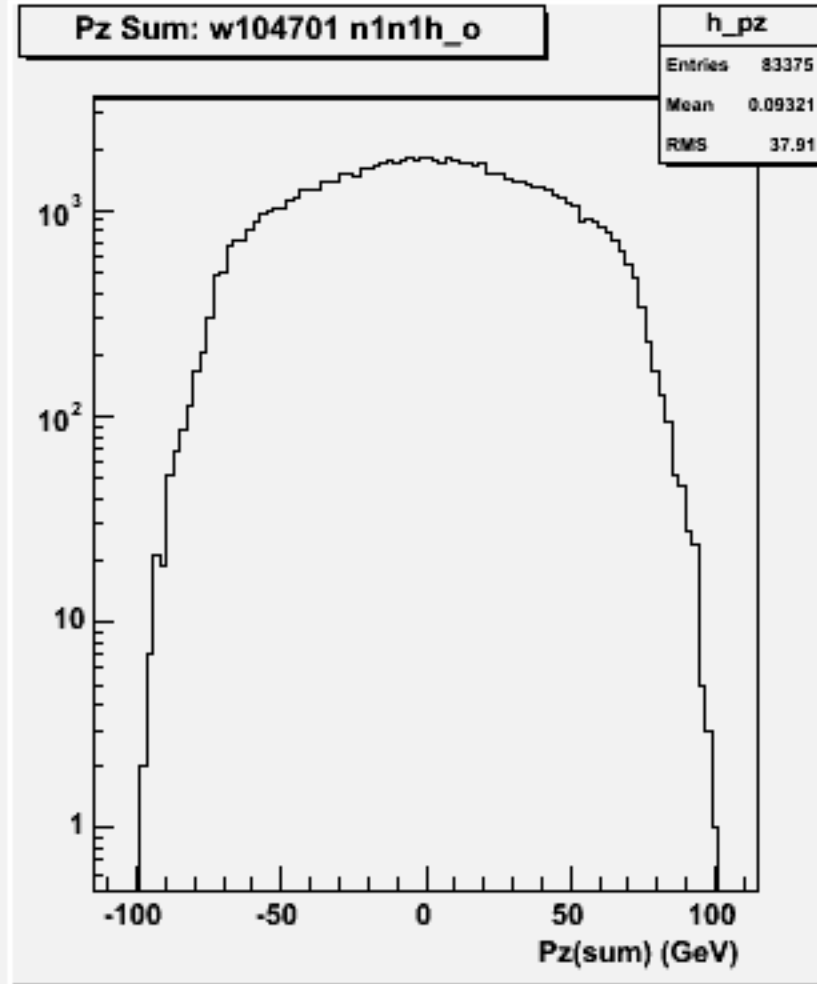
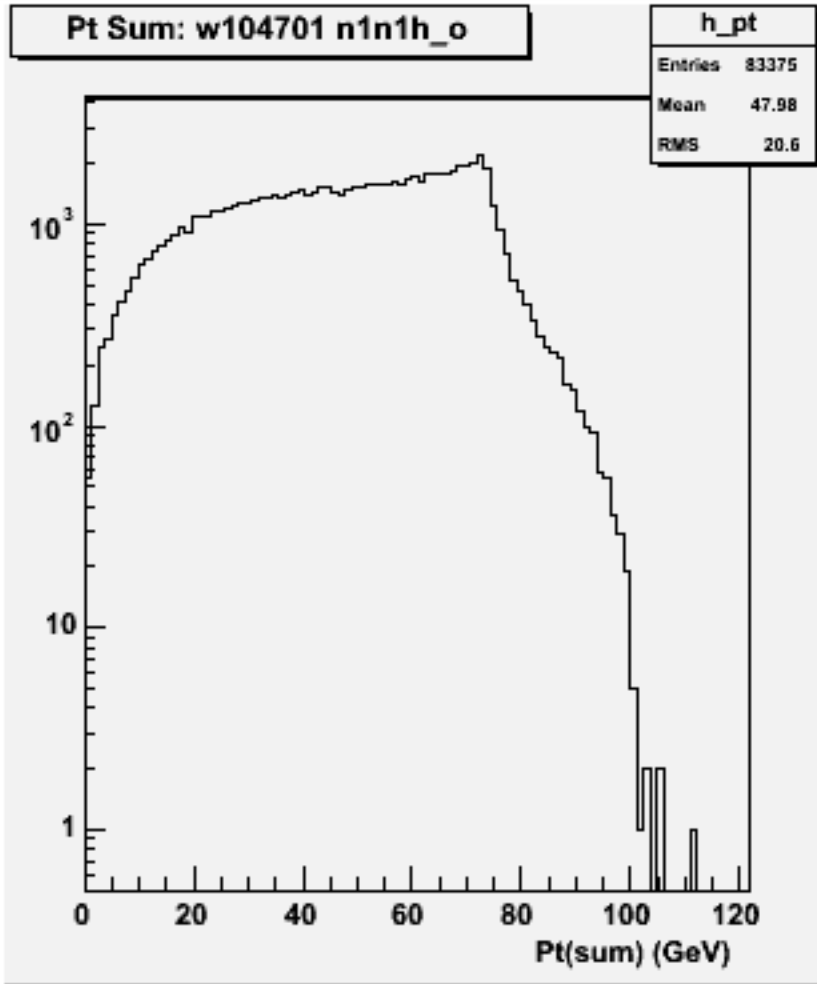
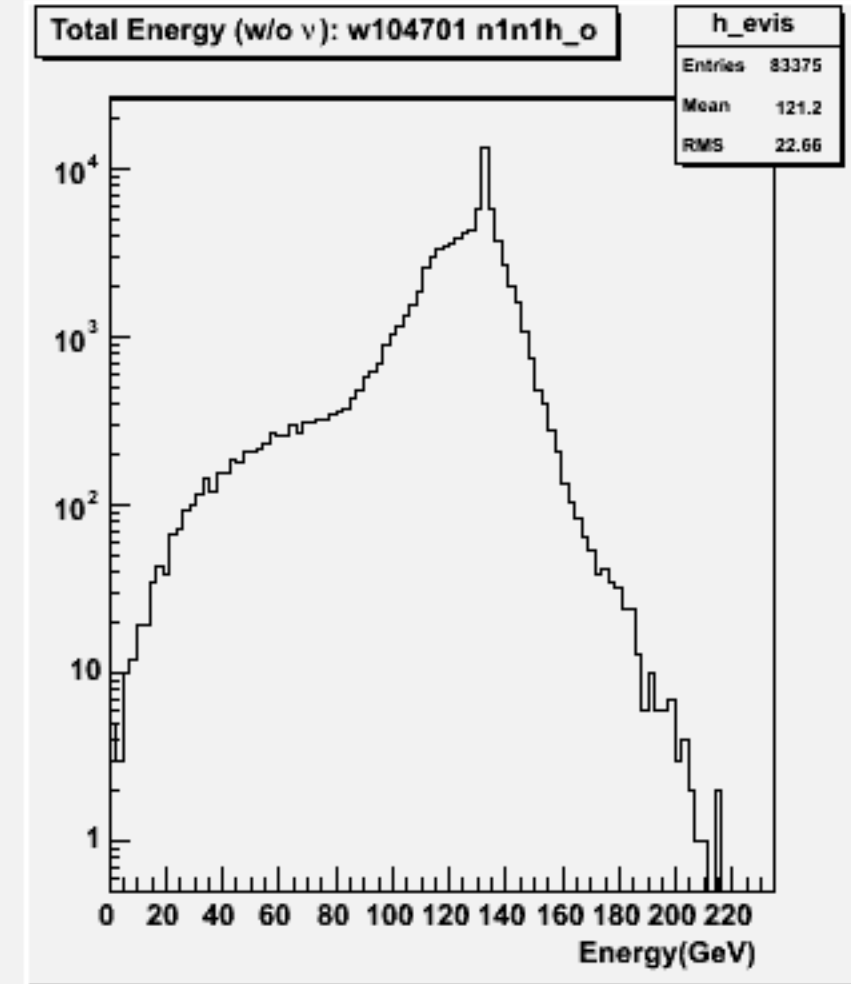
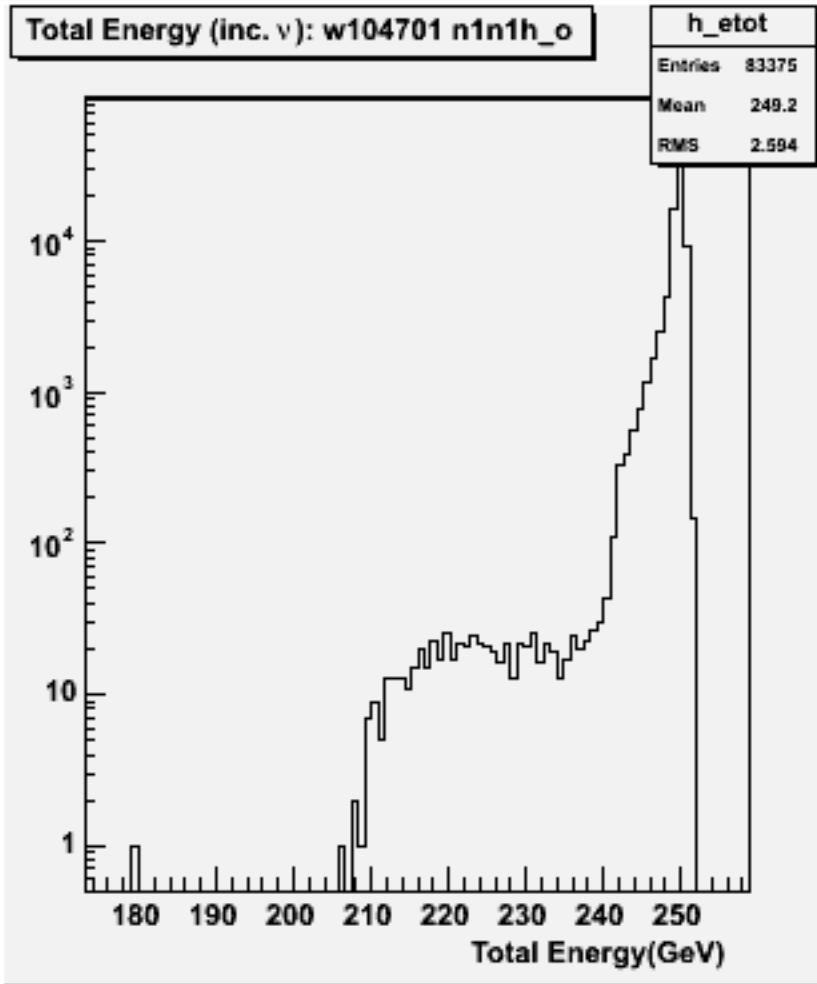
Start point R : w104701 n1n1h\_o



Start point Z : w104701 n1n1h\_o



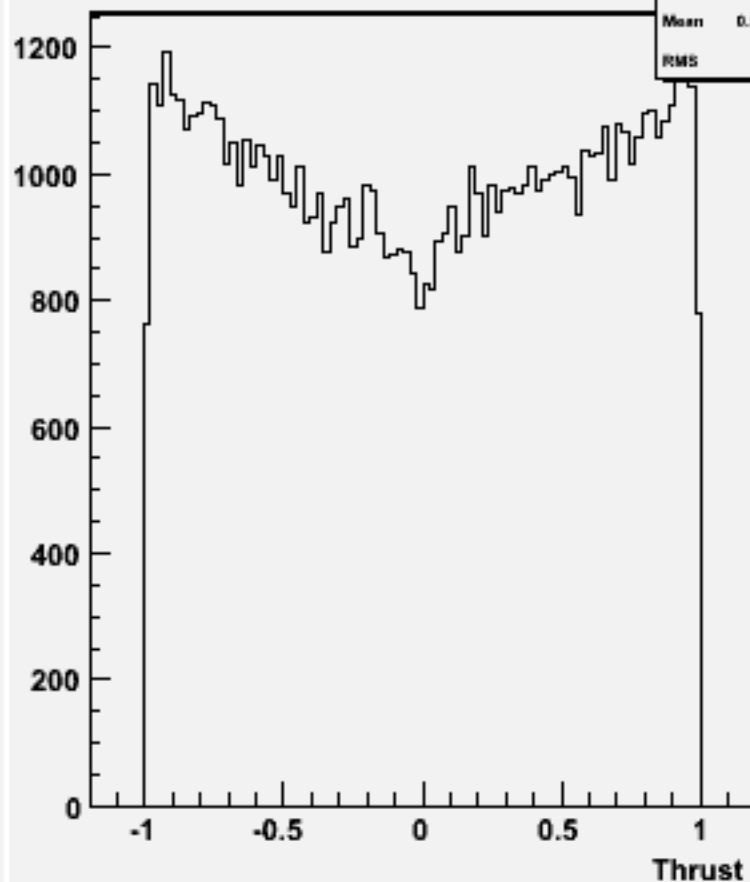




cos $\Theta$ (thrust) w104701 n1n1h\_o

h\_csth

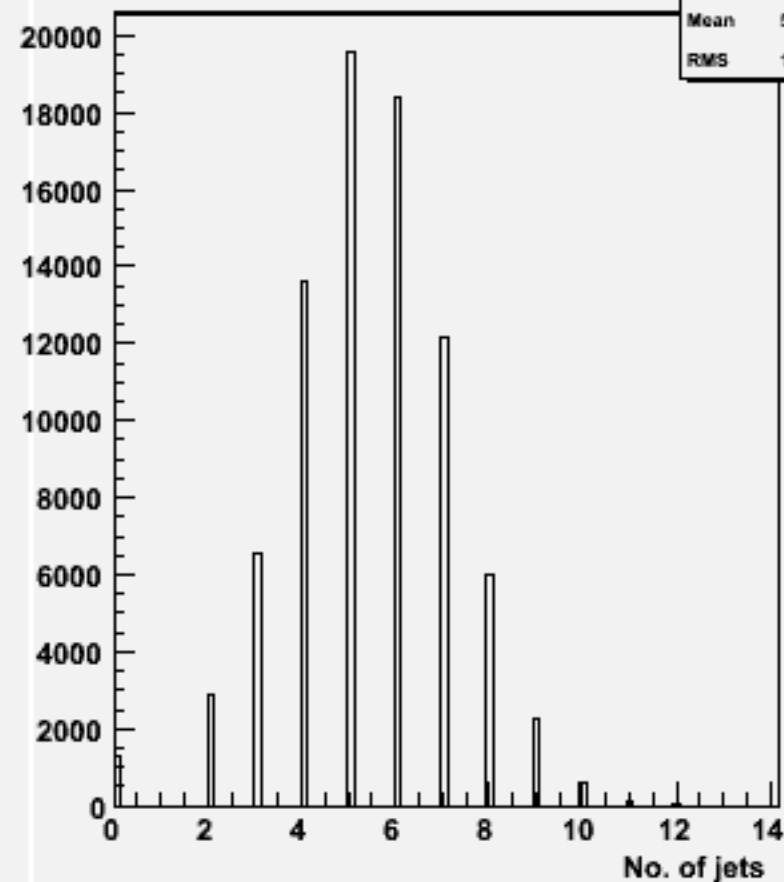
|         |           |
|---------|-----------|
| Entries | 83375     |
| Mean    | 0.0095539 |
| RMS     | 0.5978    |



No. jets (ycut=0.001) : w104701 n1n1h\_o

h\_njets

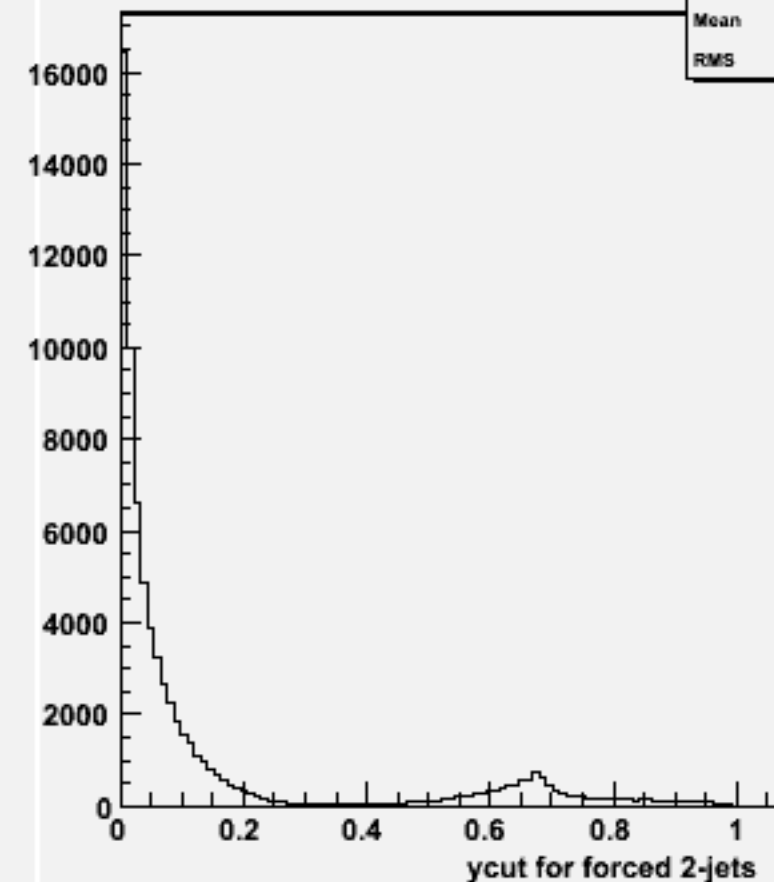
|         |       |
|---------|-------|
| Entries | 83375 |
| Mean    | 5.384 |
| RMS     | 1.782 |



Ycut for 2-jets :w104701 n1n1h\_o

h\_yc2j

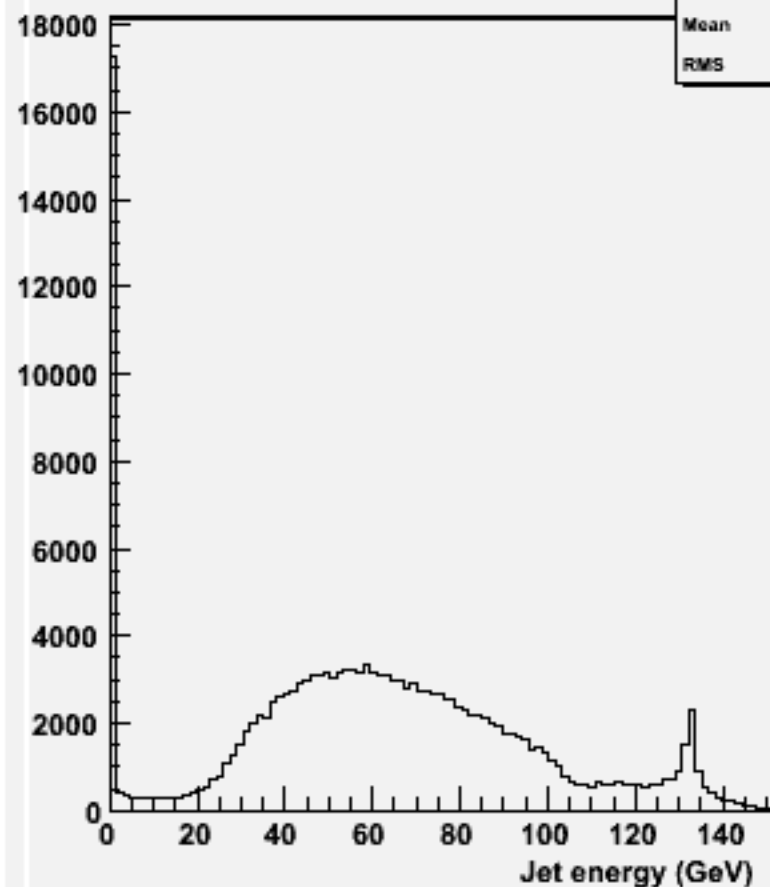
|         |        |
|---------|--------|
| Entries | 82070  |
| Mean    | 0.1453 |
| RMS     | 0.2386 |



energy for 2-jets :w104701 n1n1h\_o

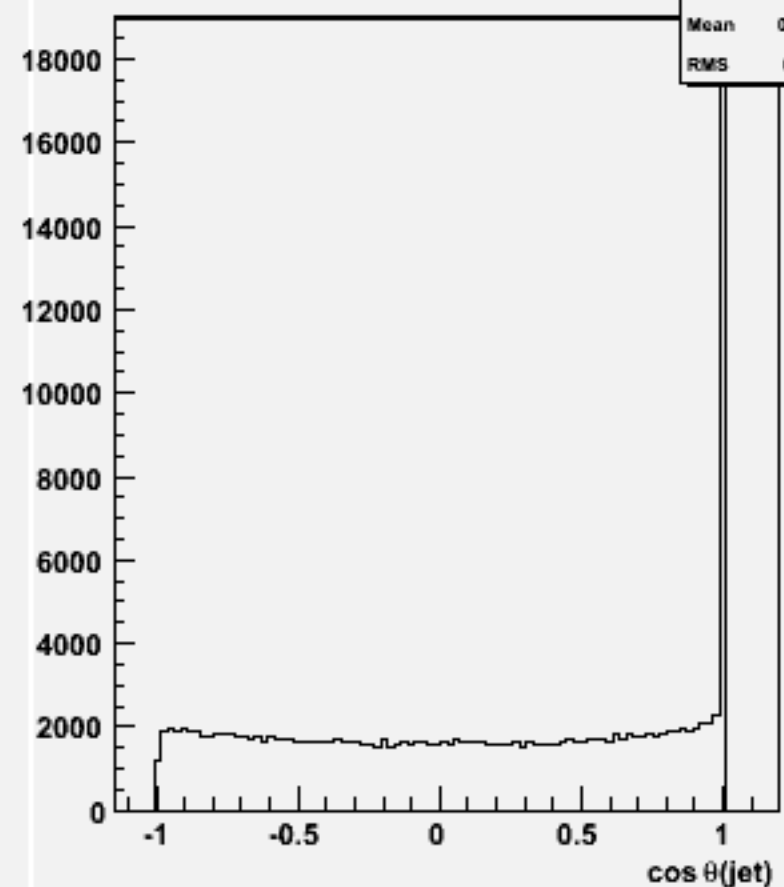
h\_j0e

|         |        |
|---------|--------|
| Entries | 164140 |
| Mean    | 60.95  |
| RMS     | 34.88  |

cos $\theta$  for 2-jets :w104701 n1n1h\_o

h\_j0cs

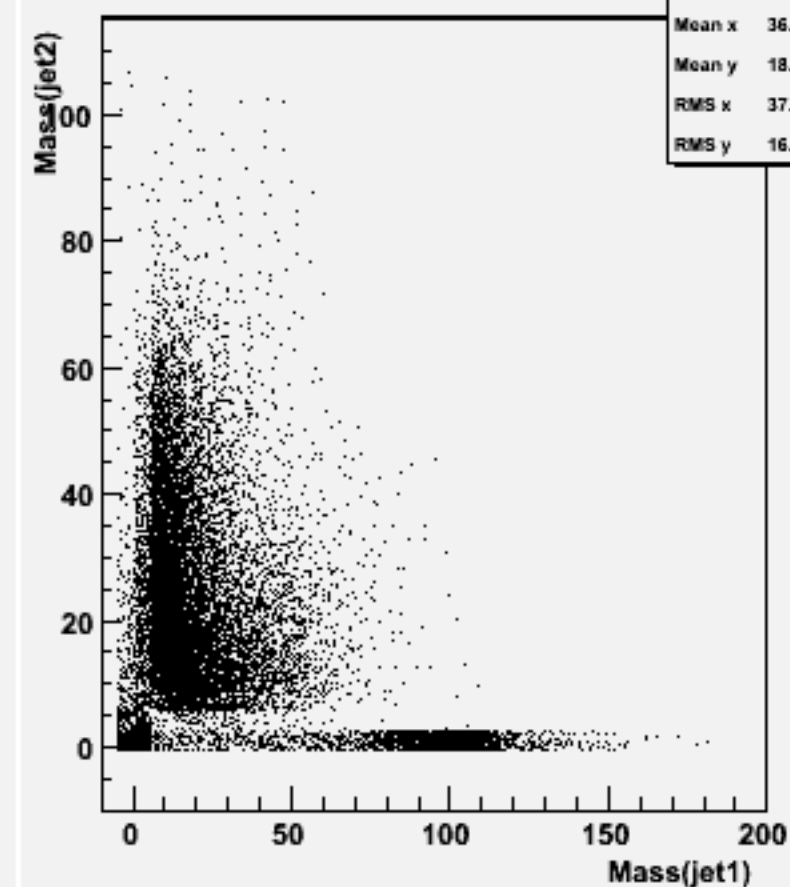
|         |        |
|---------|--------|
| Entries | 164140 |
| Mean    | 0.1086 |
| RMS     | 0.6411 |



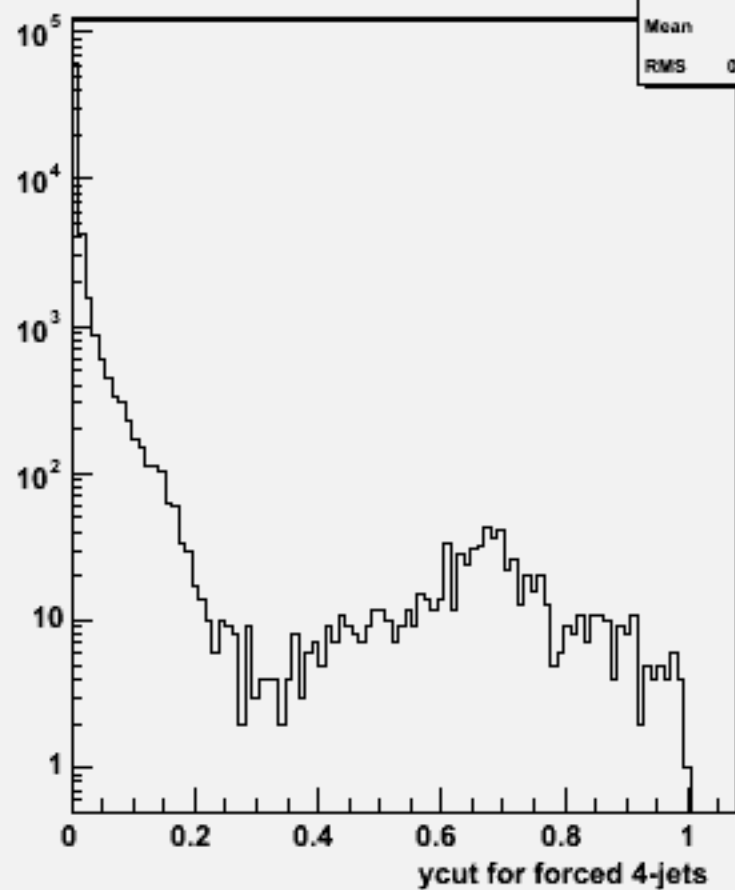
Jet mass for forced 2-jets : w104701 n1n1h\_o

h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 82070 |
| Mean x  | 36.02 |
| Mean y  | 18.28 |
| RMS x   | 37.82 |
| RMS y   | 16.59 |



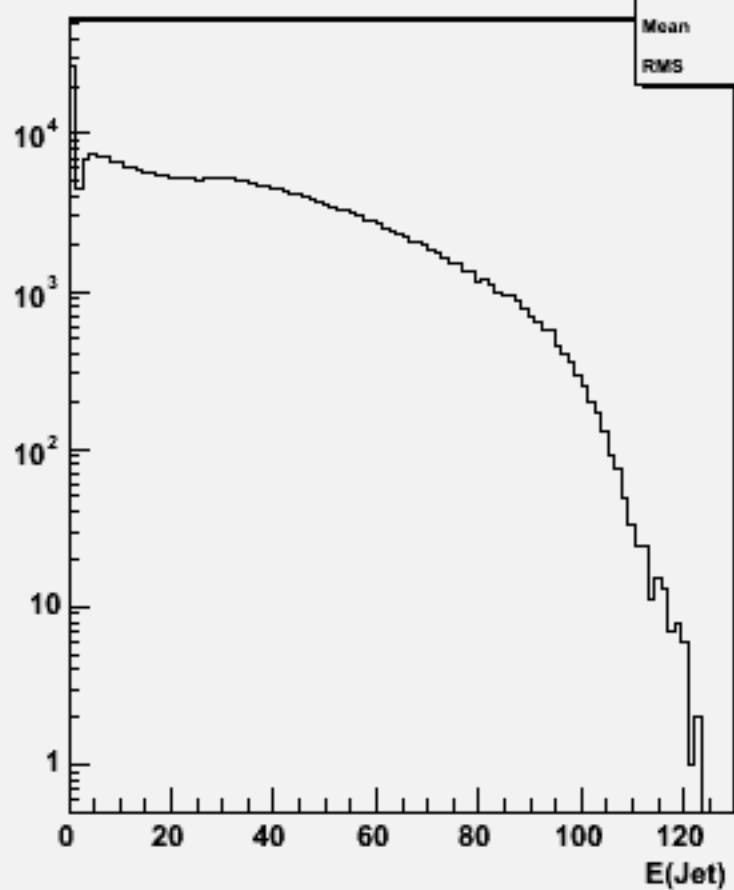
Ycut for 4-jets :w104701 n1n1h\_o



h\_yc4j

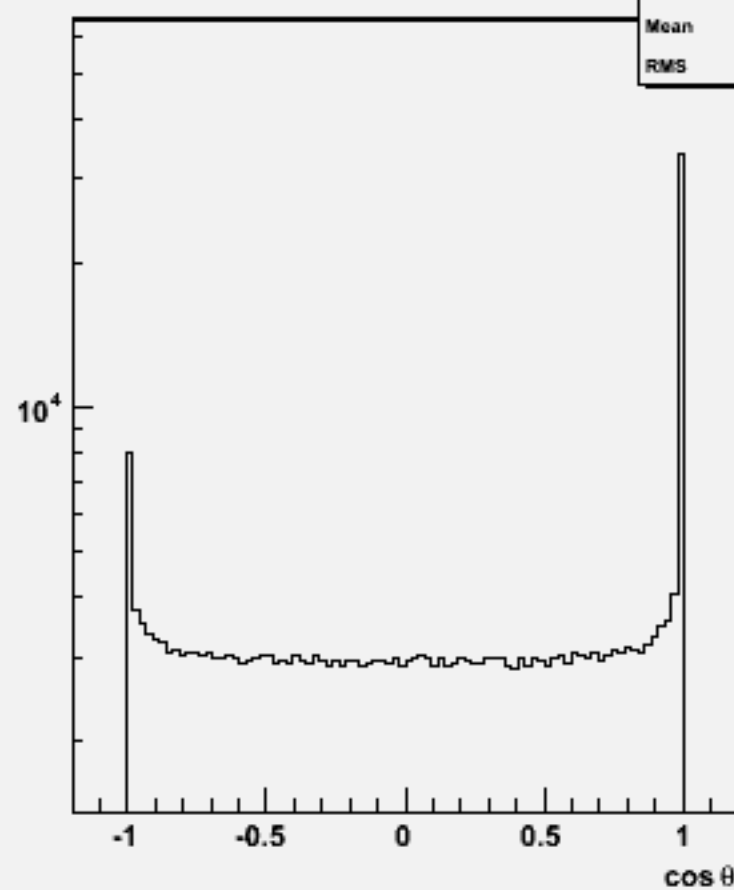
|         |         |
|---------|---------|
| Entries | 72675   |
| Mean    | 0.015   |
| RMS     | 0.07171 |

Jet energies(All jets)w104701 n1n1h\_o



ha\_j0e

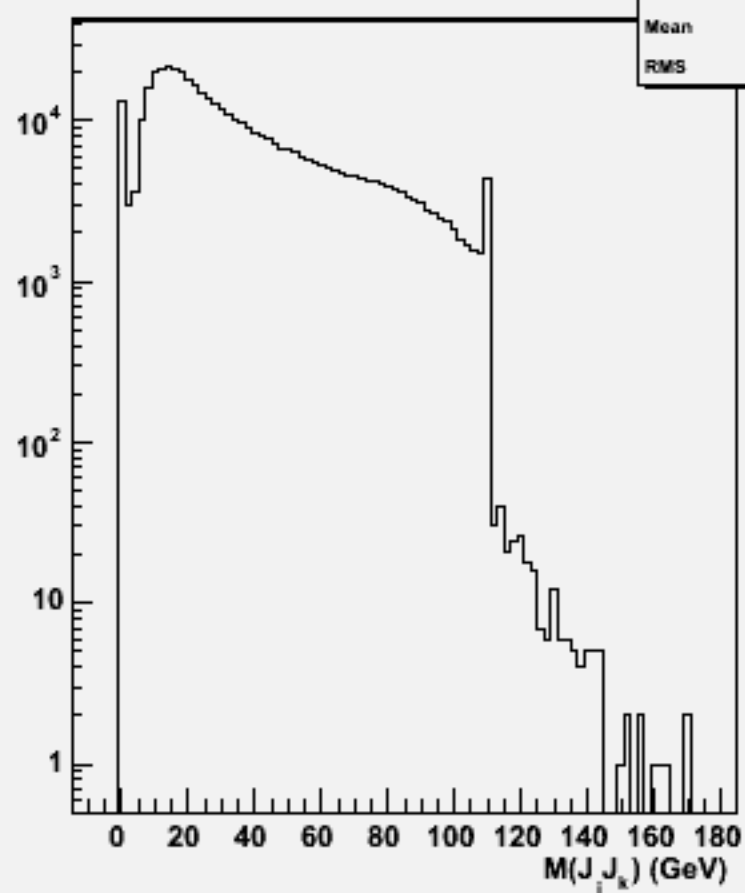
|         |        |
|---------|--------|
| Entries | 290700 |
| Mean    | 31.26  |
| RMS     | 24.52  |

Jet cos $\theta$  (All jets)w104701 n1n1h\_o

ha\_j0cs

|         |        |
|---------|--------|
| Entries | 290700 |
| Mean    | 0.091  |
| RMS     | 0.6511 |

2jets mass(All comb)w104701 n1n1h\_o



ha\_m01

|         |        |
|---------|--------|
| Entries | 436050 |
| Mean    | 36.25  |
| RMS     | 27.22  |