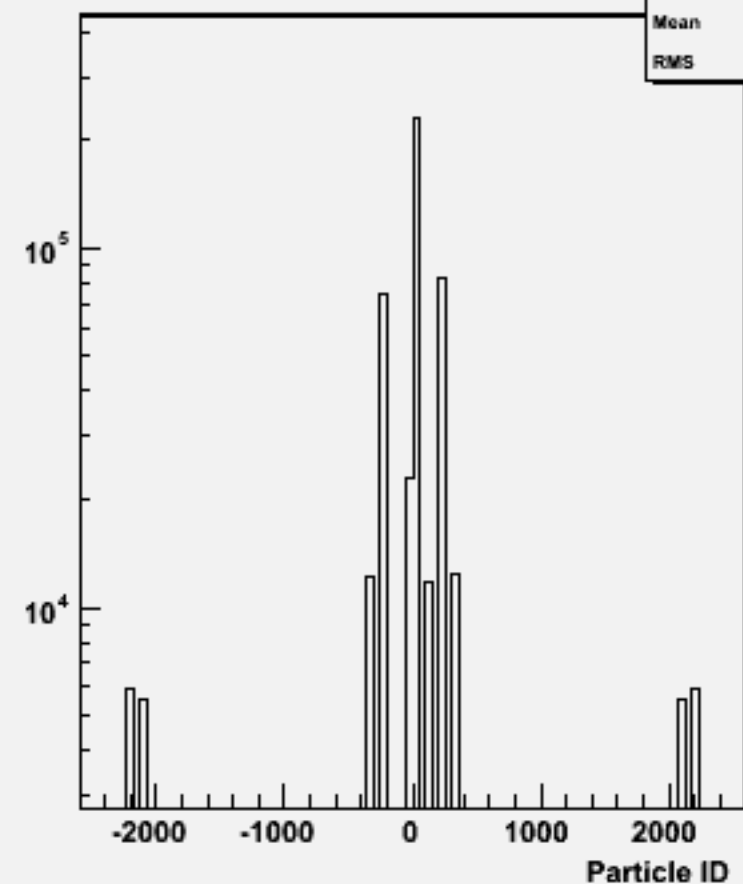


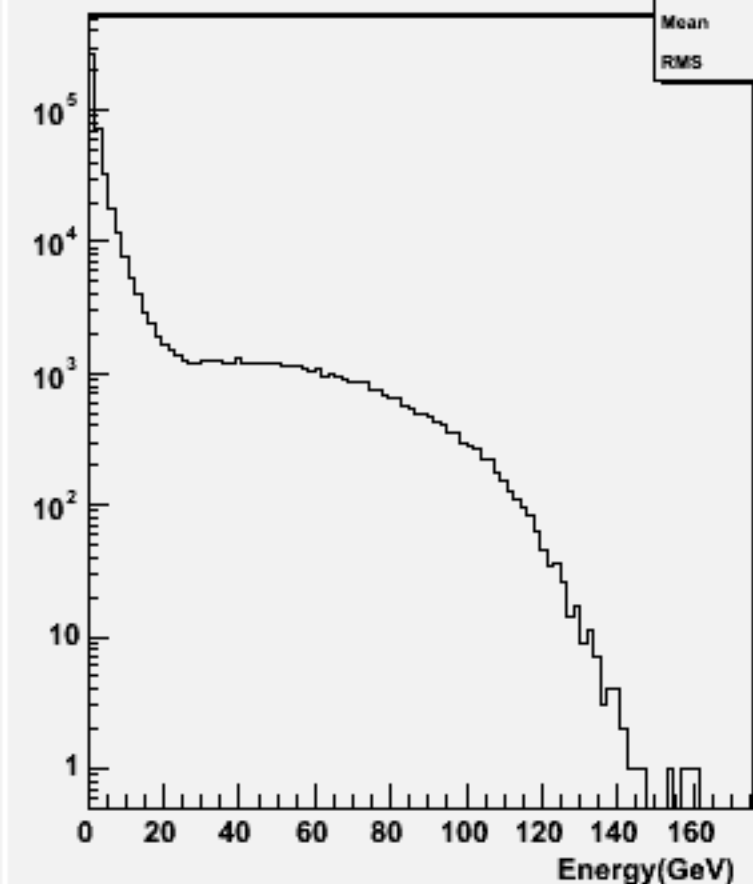
# Generator file information: w101577 n3n3cse1n1\_o

process\_id=w101577  
job\_date\_time=100628-144502  
process\_name=n3n3cse1n1\_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=0.0016829773080858  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w101577\_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/w101577/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w101577/run_01)  
comment=

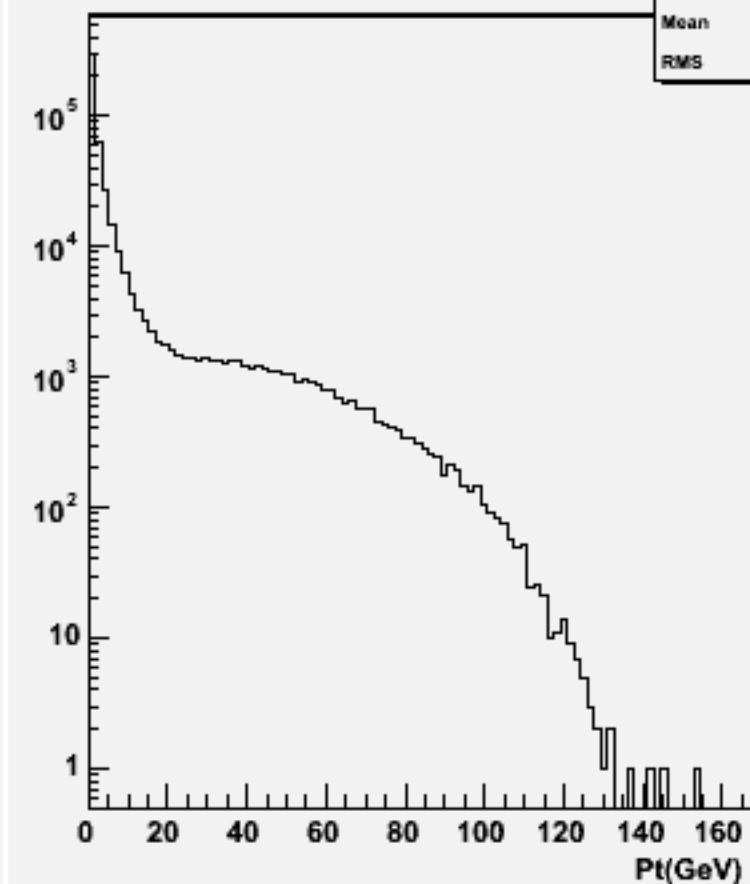
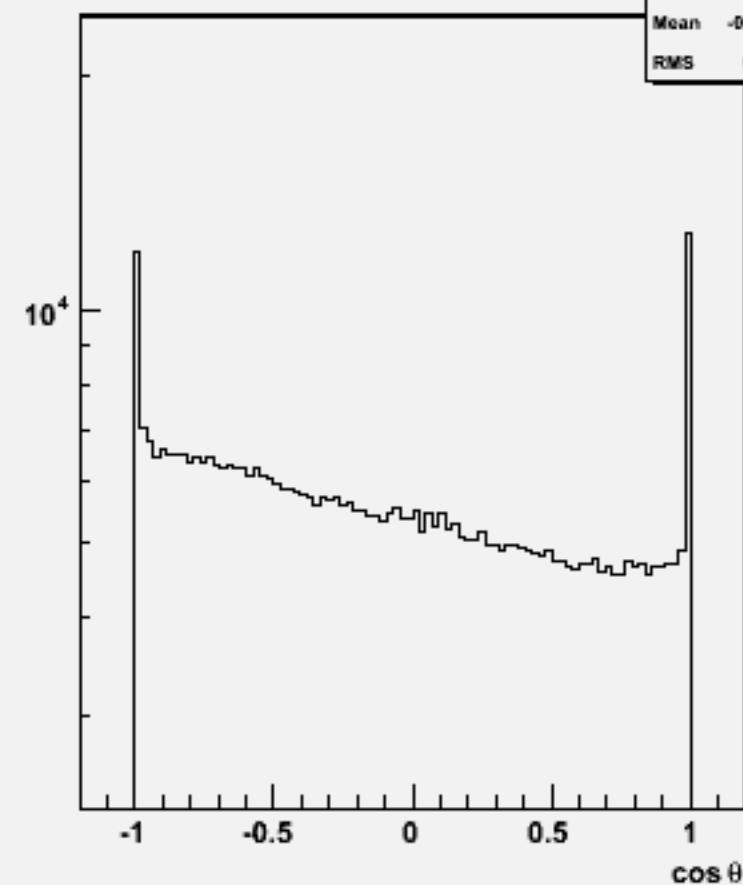
Particle ID : w101577 n3n3cse1n1\_o



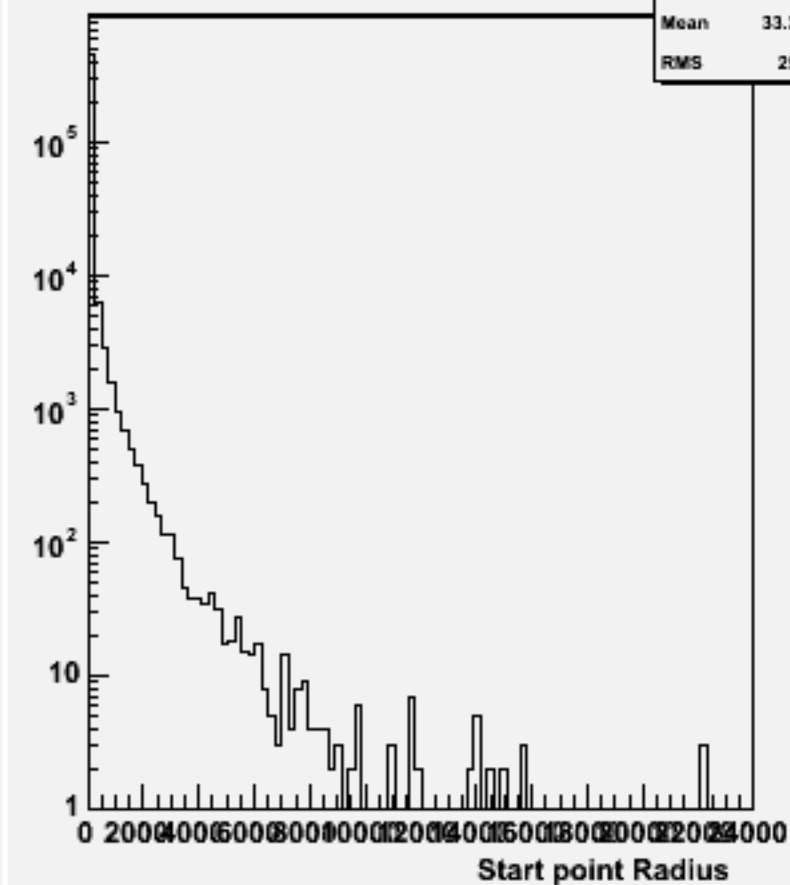
Particle Energy : w101577 n3n3cse1n1\_o



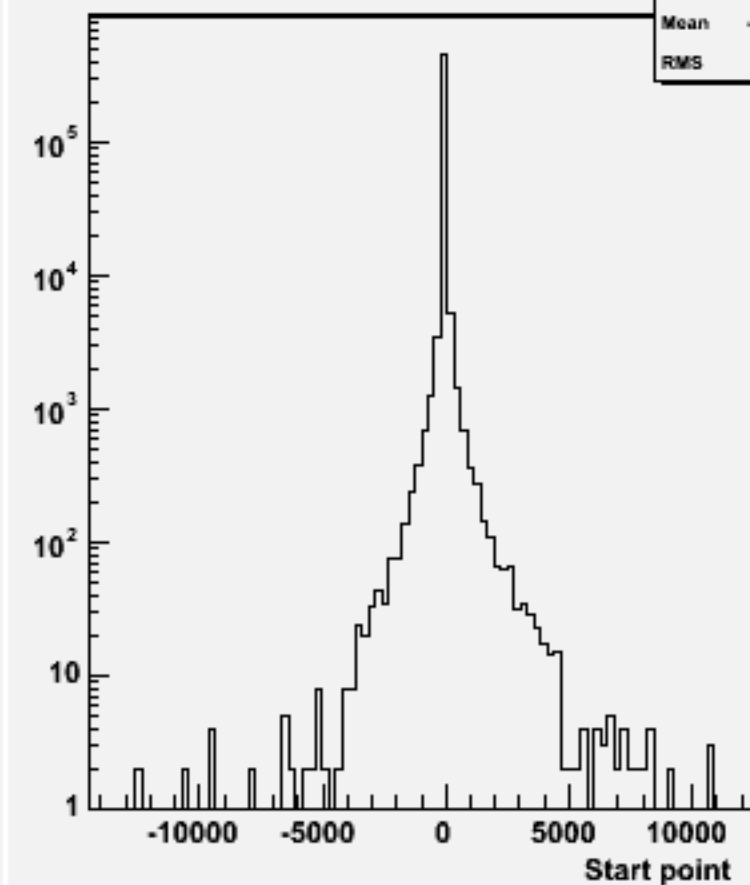
Particle Pt : w101577 n3n3cse1n1\_o

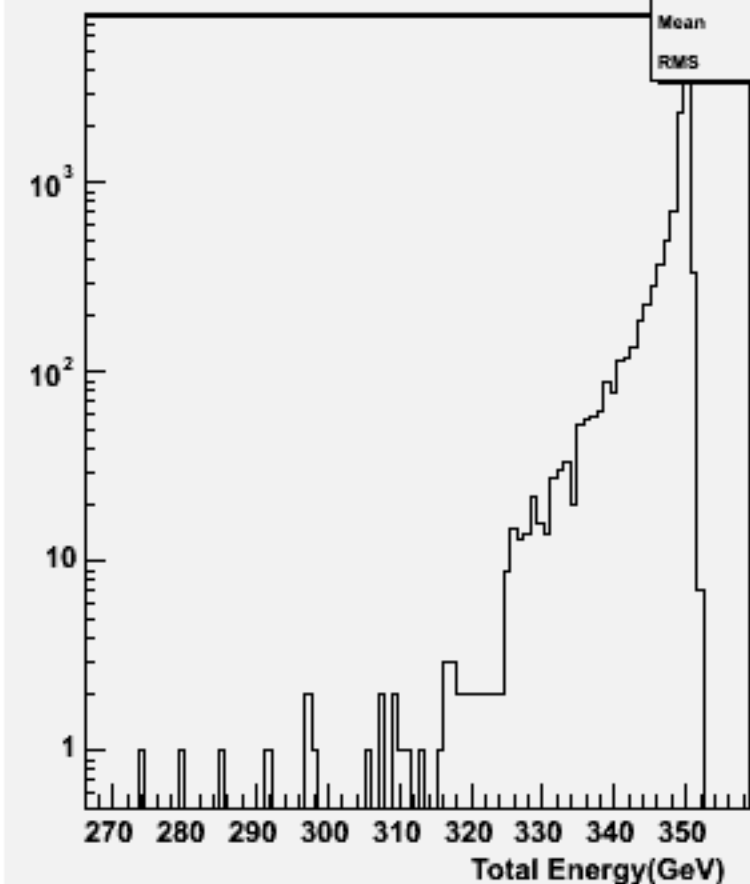
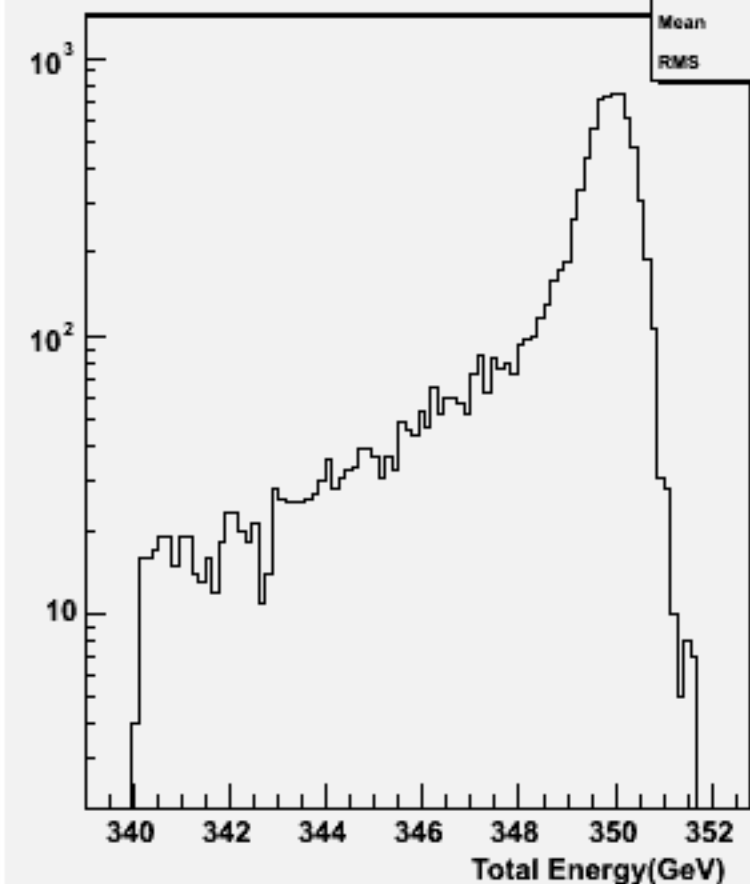
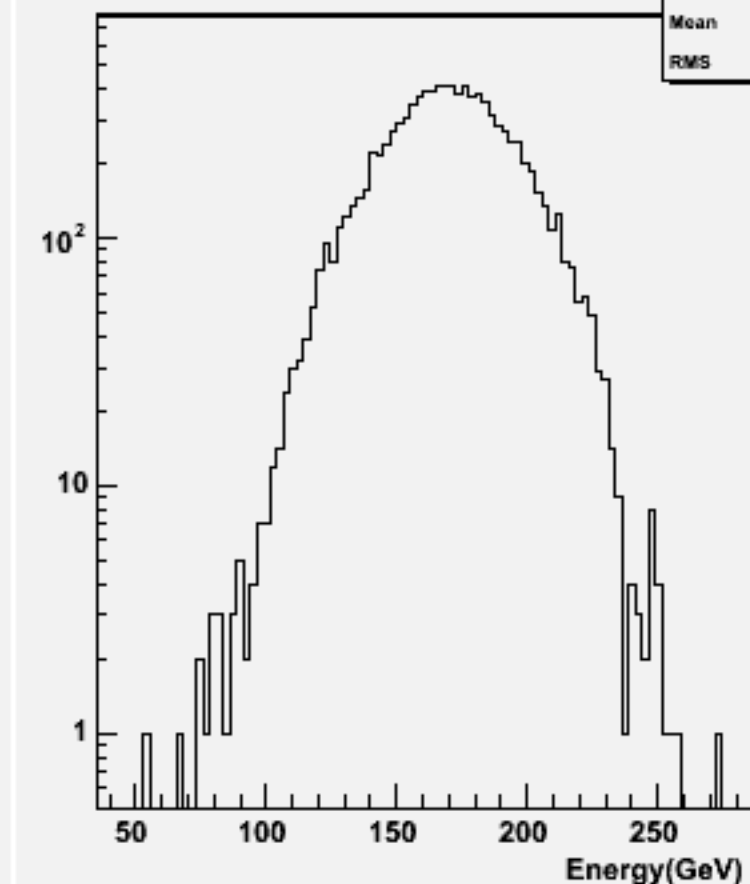
Particle  $\cos\theta$  : w101577 n3n3cse1n1\_o

Start point R : w101577 n3n3cse1n1\_o

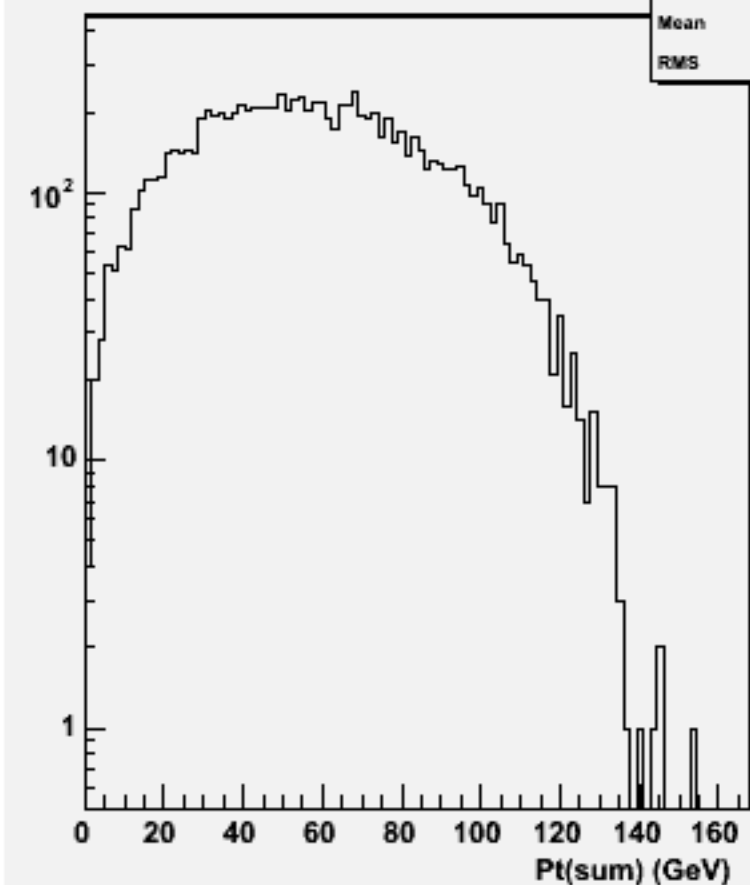


Start point Z : w101577 n3n3cse1n1\_o

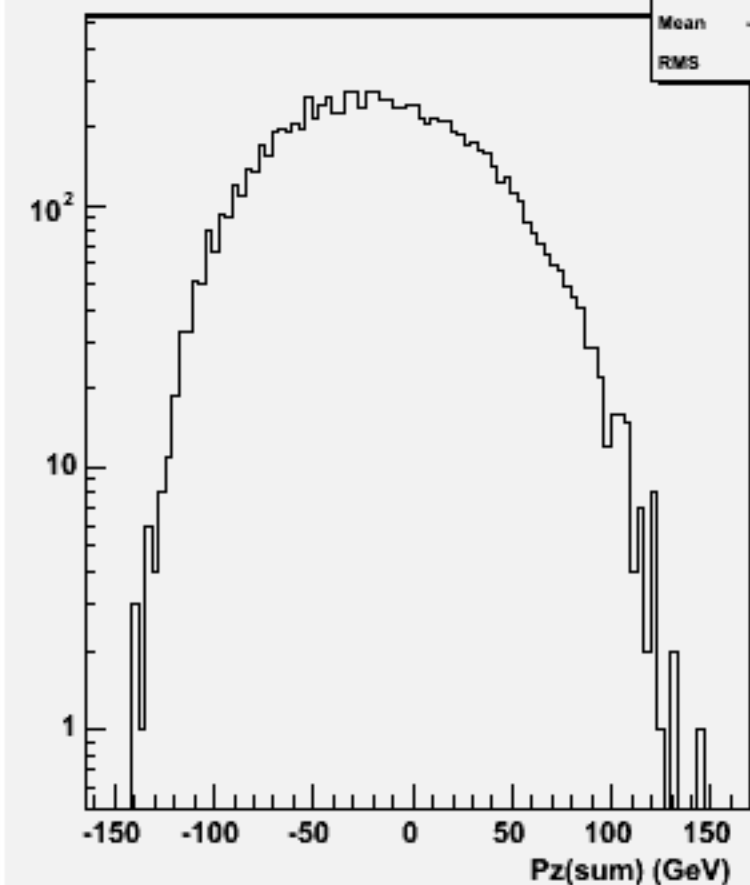


Total Energy (inc.  $\nu$ ): w101577 n3n3cse1n1\_oTotal Energy (inc.  $\nu$ ): w101577 n3n3cse1n1\_oTotal Energy (w/o  $\nu$ ): w101577 n3n3cse1n1\_o

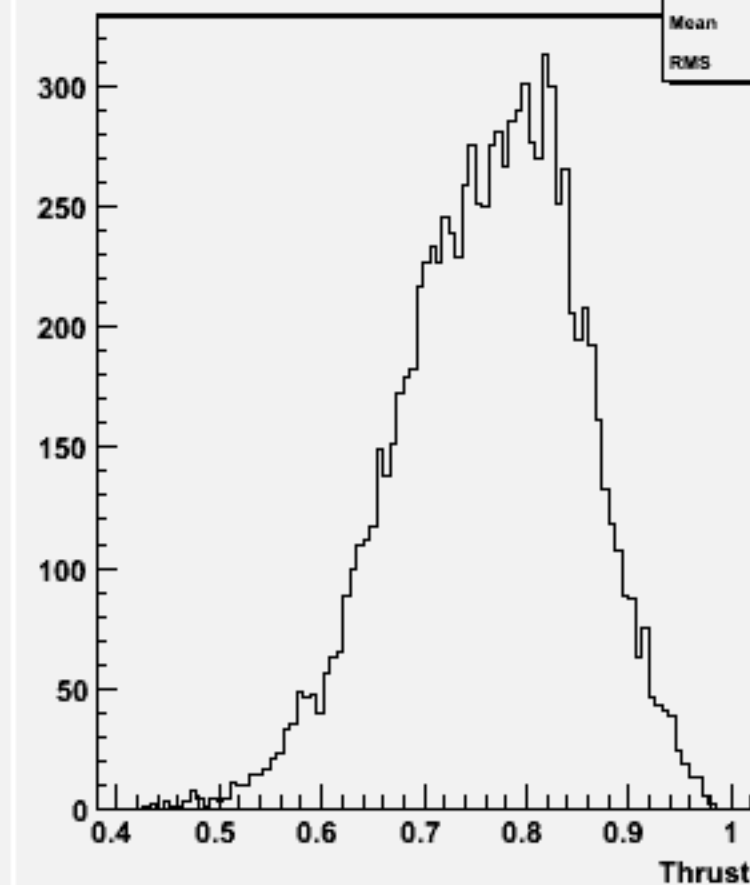
Pt Sum: w101577 n3n3cse1n1\_o

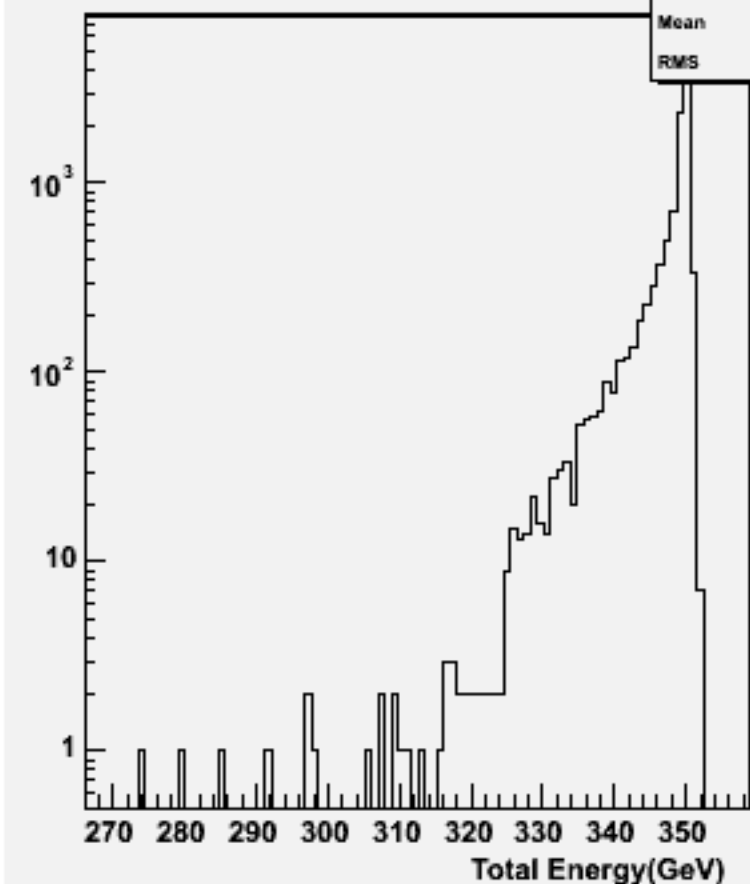
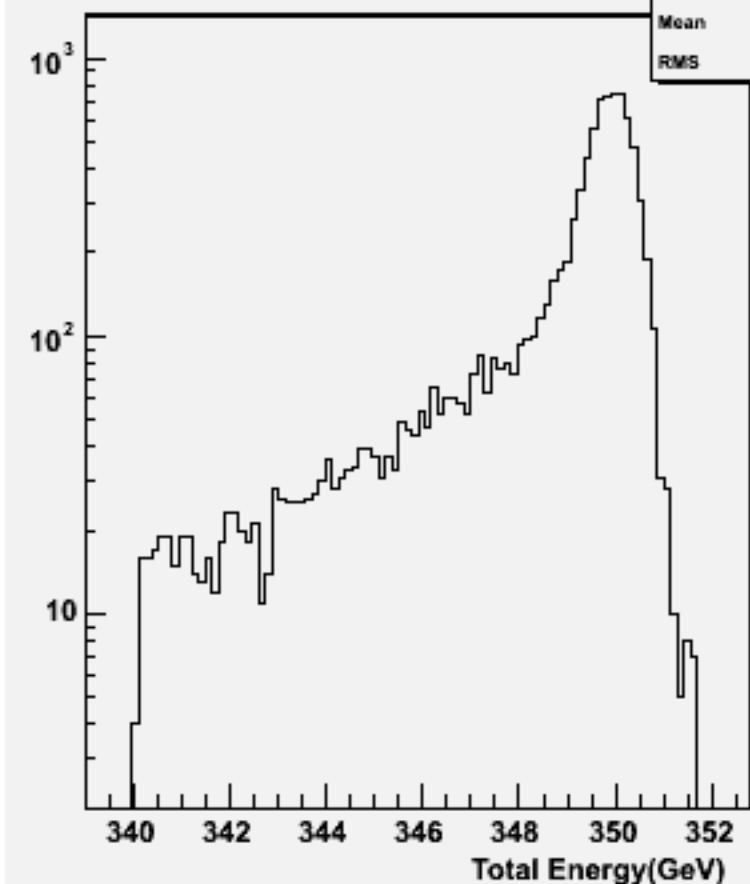
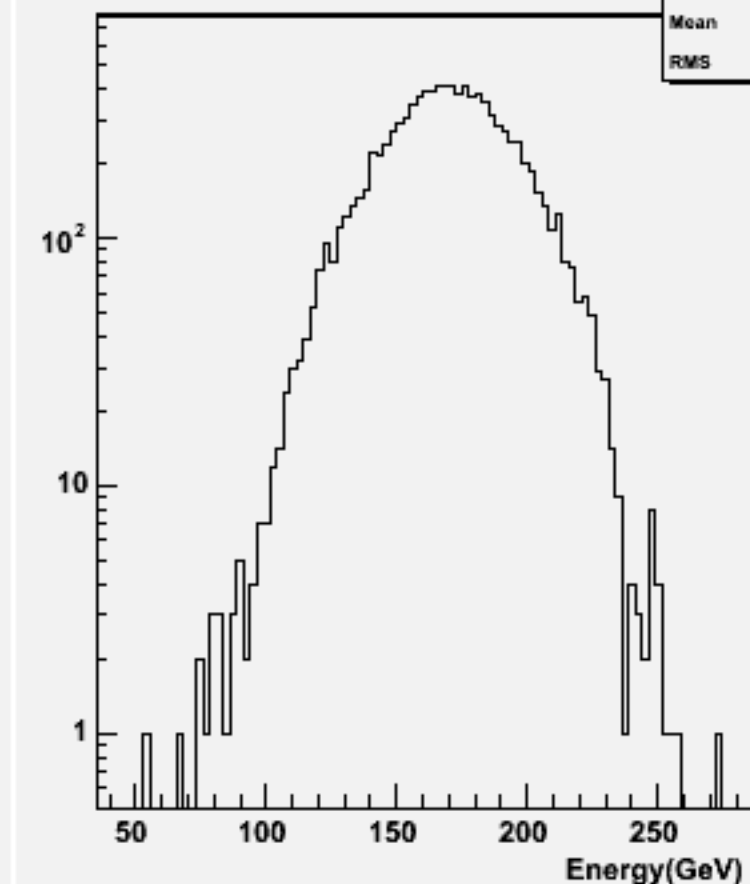


Pz Sum: w101577 n3n3cse1n1\_o

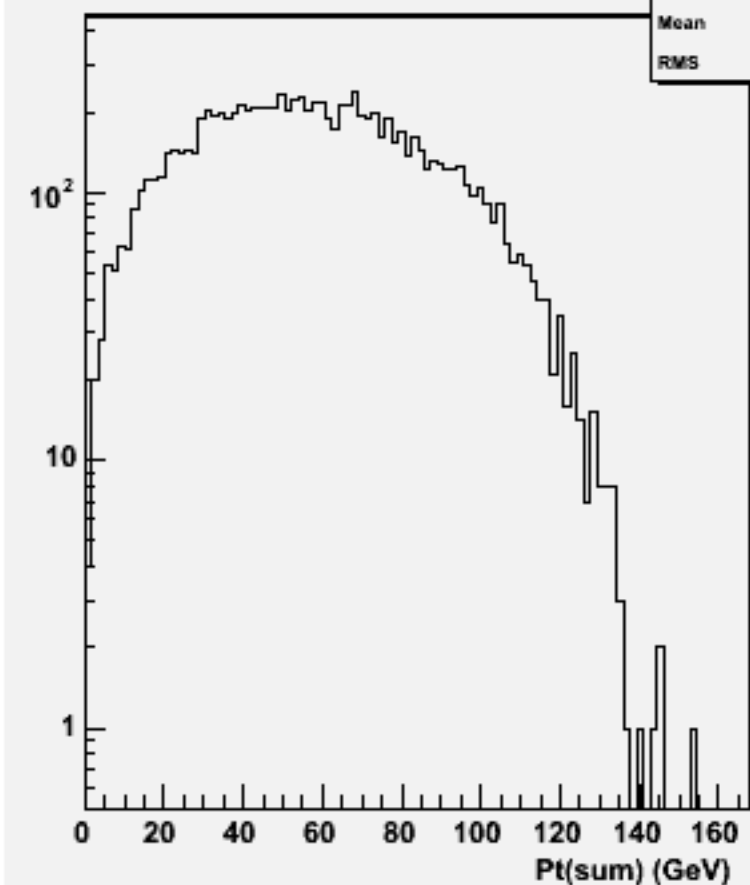


Thrust w101577 n3n3cse1n1\_o

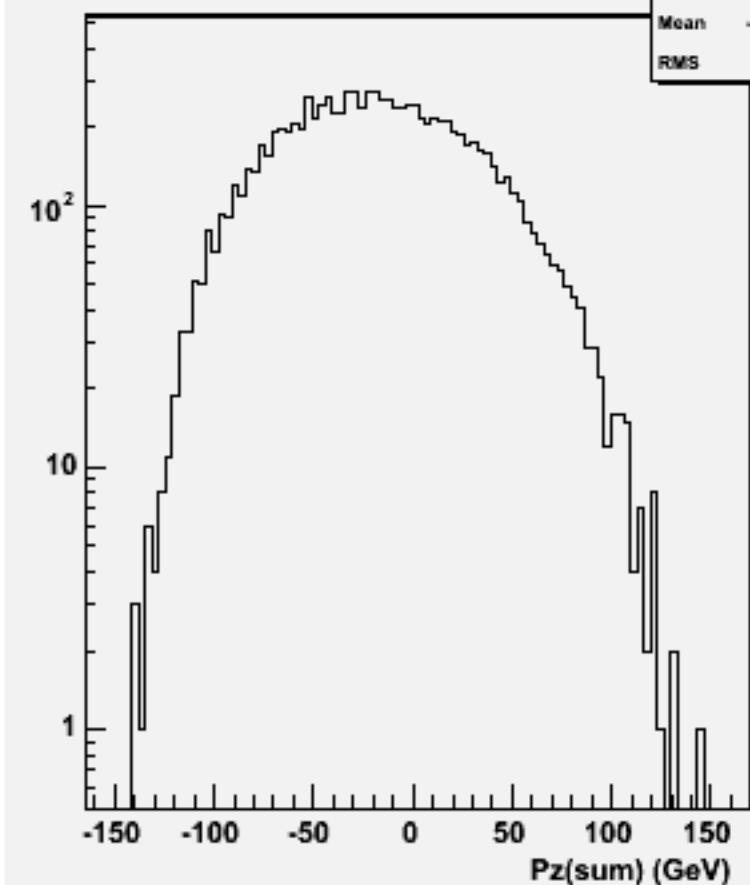


Total Energy (inc.  $\nu$ ): w101577 n3n3cse1n1\_oTotal Energy (inc.  $\nu$ ): w101577 n3n3cse1n1\_oTotal Energy (w/o  $\nu$ ): w101577 n3n3cse1n1\_o

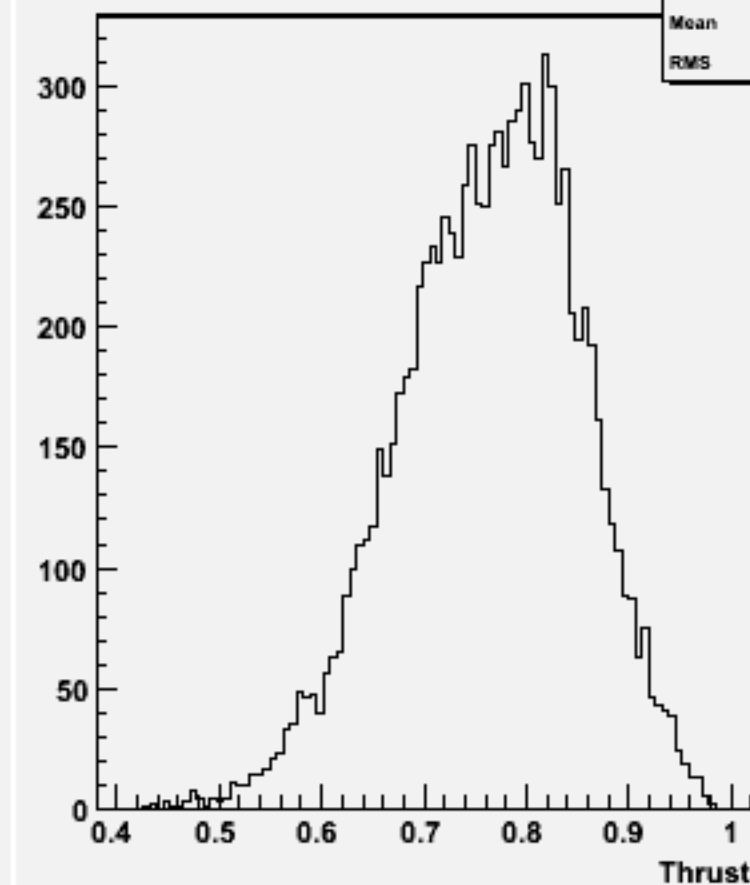
Pt Sum: w101577 n3n3cse1n1\_o

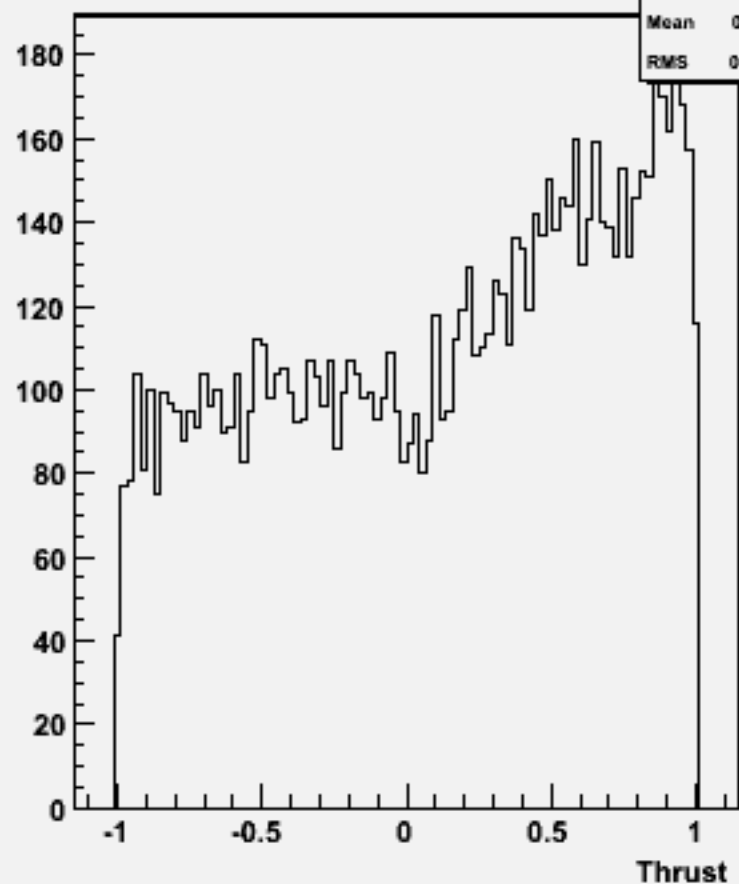


Pz Sum: w101577 n3n3cse1n1\_o

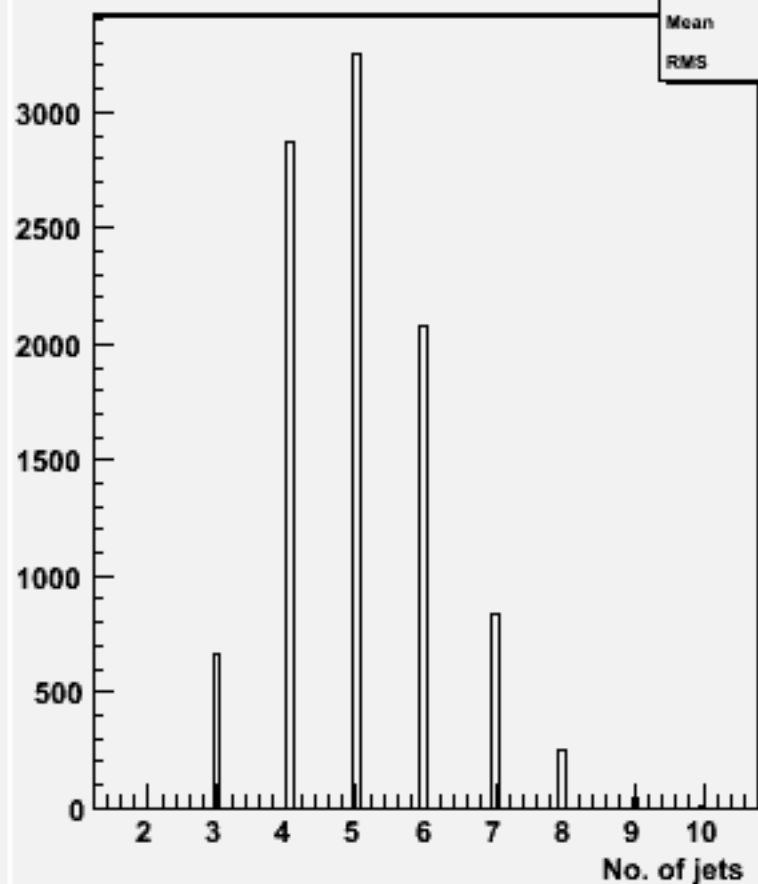


Thrust w101577 n3n3cse1n1\_o

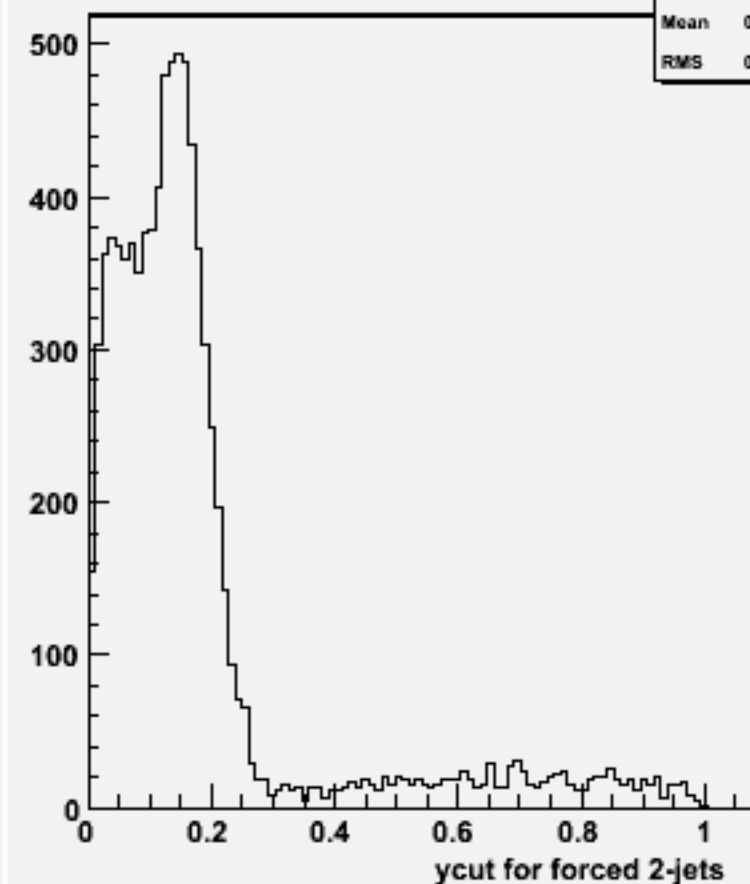


cos  $\Theta$ (thrust) w101577 n3n3cse1n1\_o

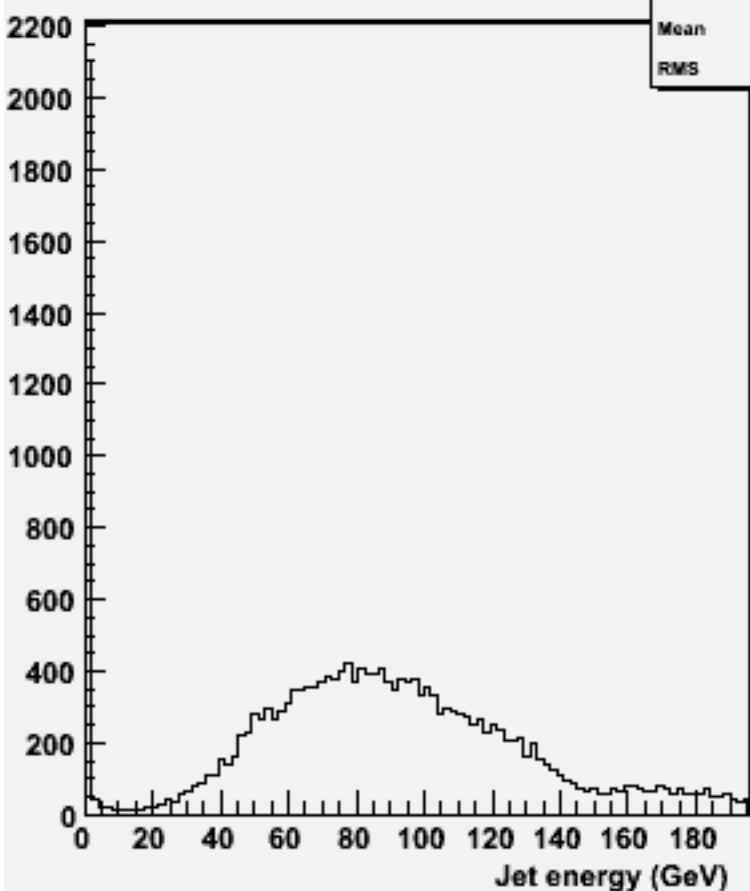
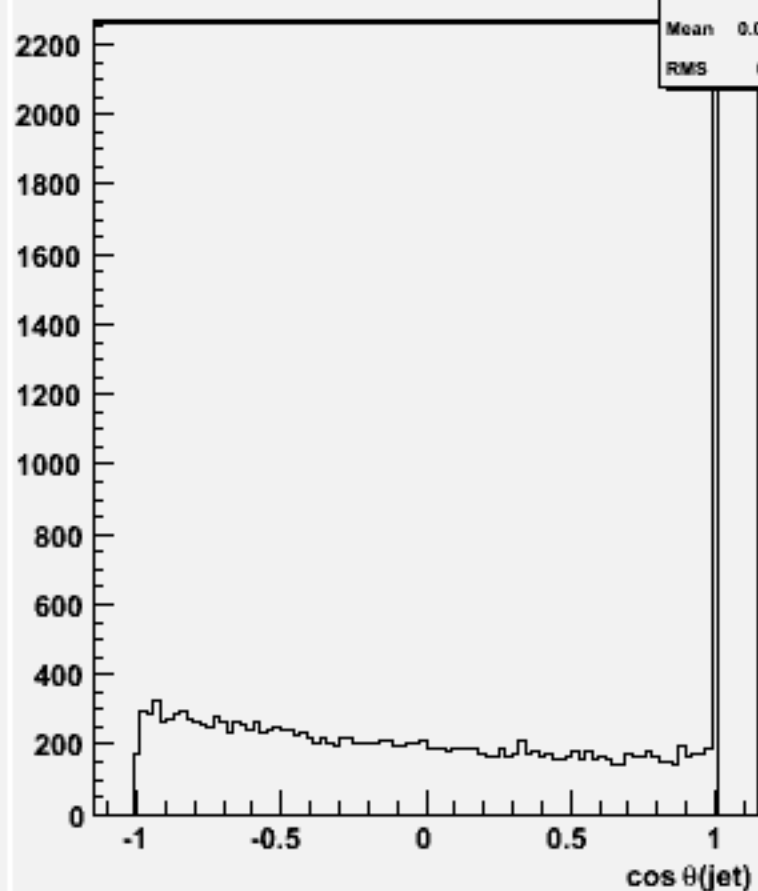
No. jets (ycut=0.001) : w101577 n3n3cse1n1\_o



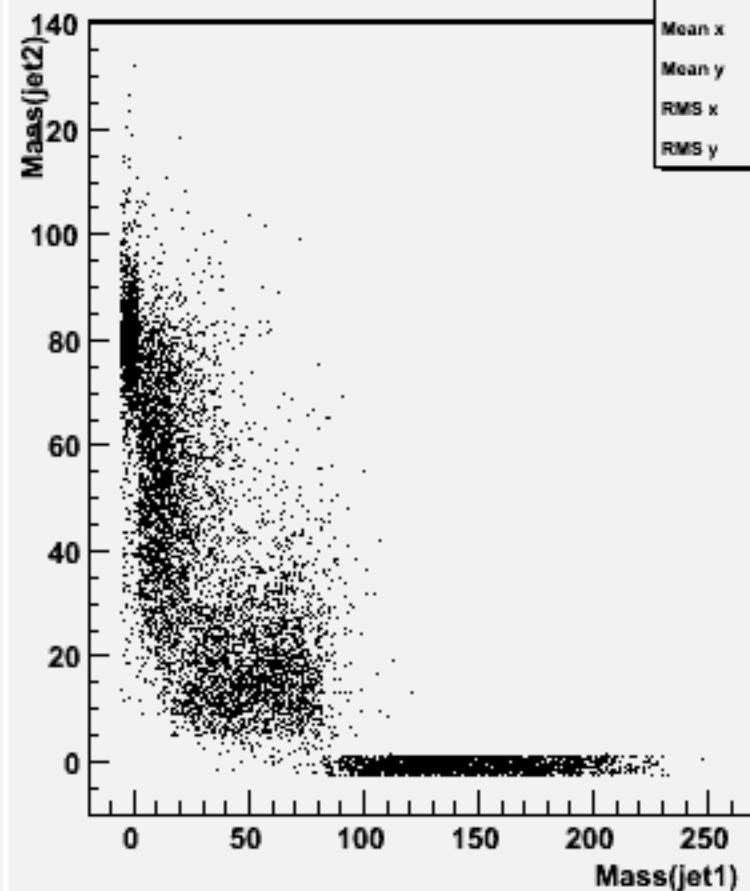
Ycut for 2-jets :w101577 n3n3cse1n1\_o



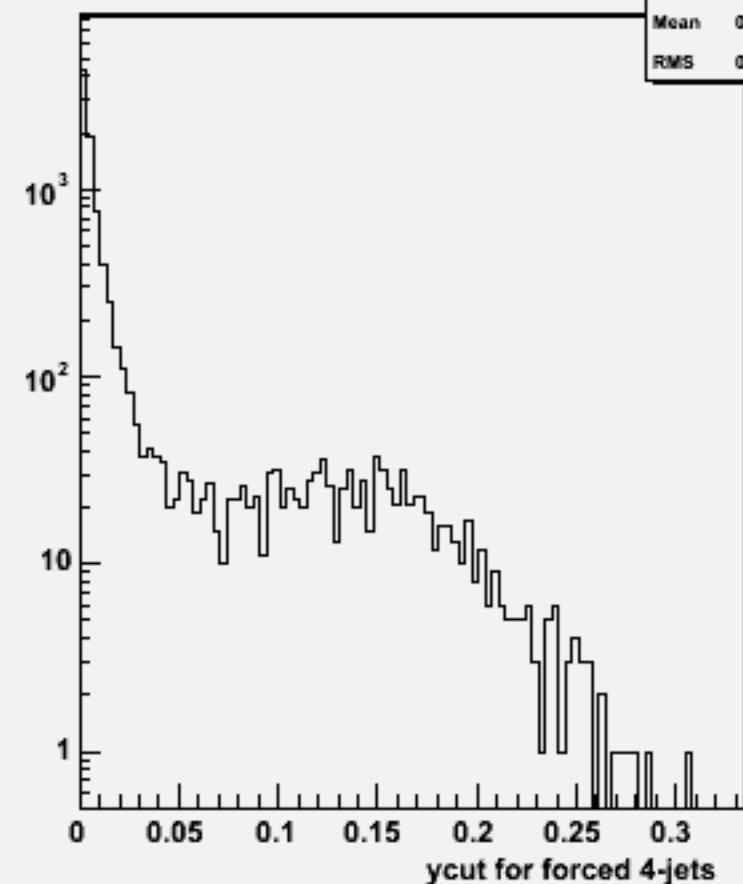
energy for 2-jets :w101577 n3n3cse1n1\_o

cos  $\theta$  for 2-jets :w101577 n3n3cse1n1\_o

Jet mass for forced 2-jets : w101577 n3n3cse1n1\_o



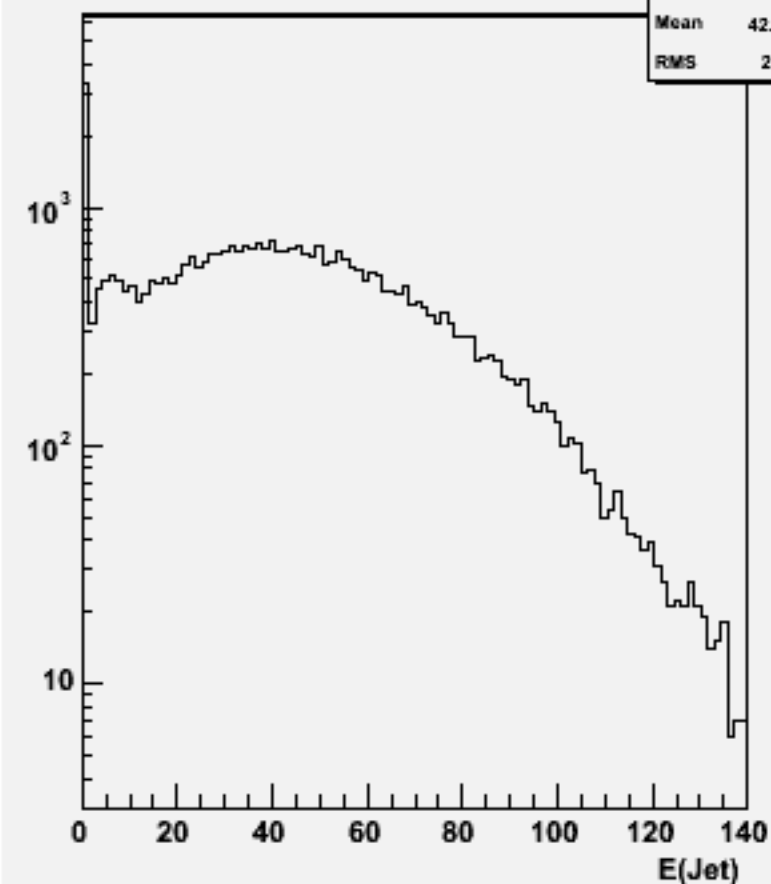
Ycut for 4-jets :w101577 n3n3cse1n1\_o



h\_yc4j

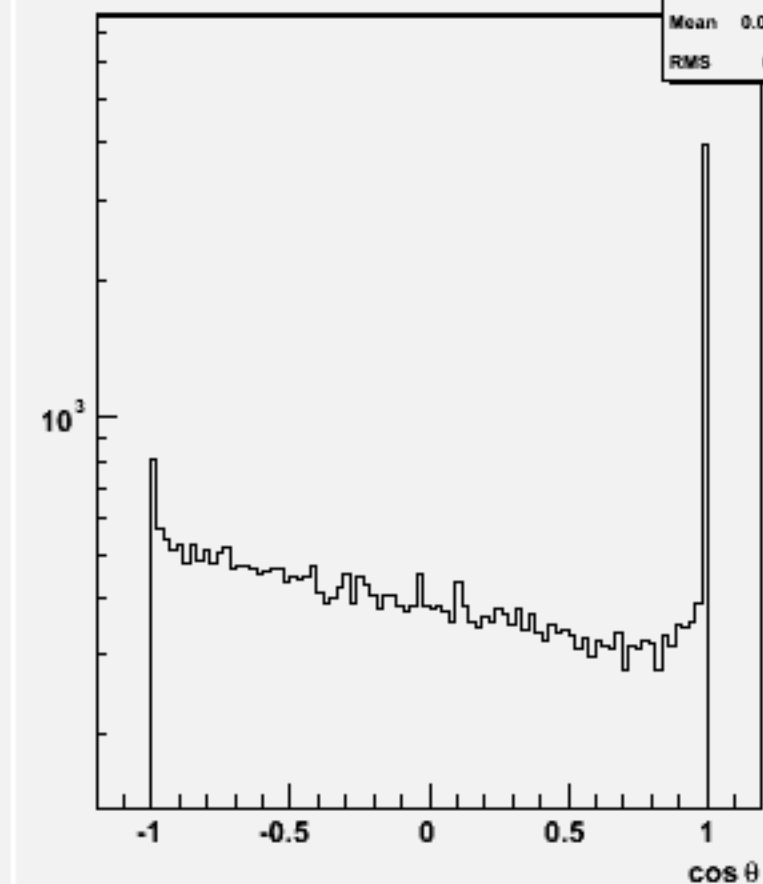
|         |         |
|---------|---------|
| Entries | 9334    |
| Mean    | 0.02049 |
| RMS     | 0.04416 |

Jet energies(All jets)w101577 n3n3cse1n1\_o



ha\_j0e

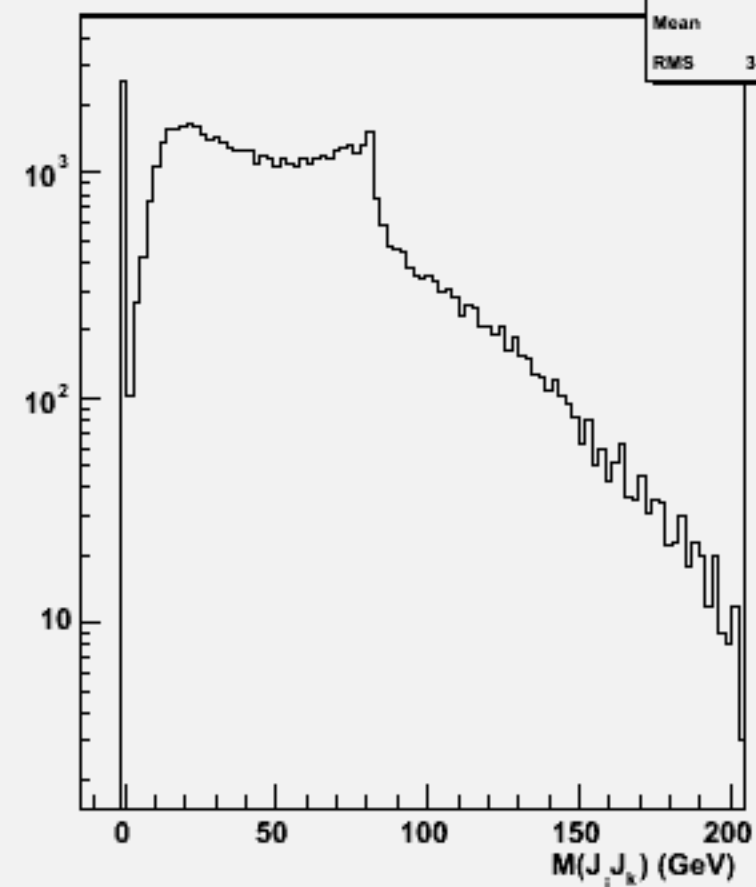
|         |       |
|---------|-------|
| Entries | 37336 |
| Mean    | 42.24 |
| RMS     | 28.9  |

Jet cos  $\theta$  (All jets)w101577 n3n3cse1n1\_o

ha\_j0cs

|         |          |
|---------|----------|
| Entries | 37336    |
| Mean    | 0.007382 |
| RMS     | 0.6469   |

2jets mass(All comb)w101577 n3n3cse1n1\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 56004 |
| Mean    | 52.1  |
| RMS     | 35.48 |