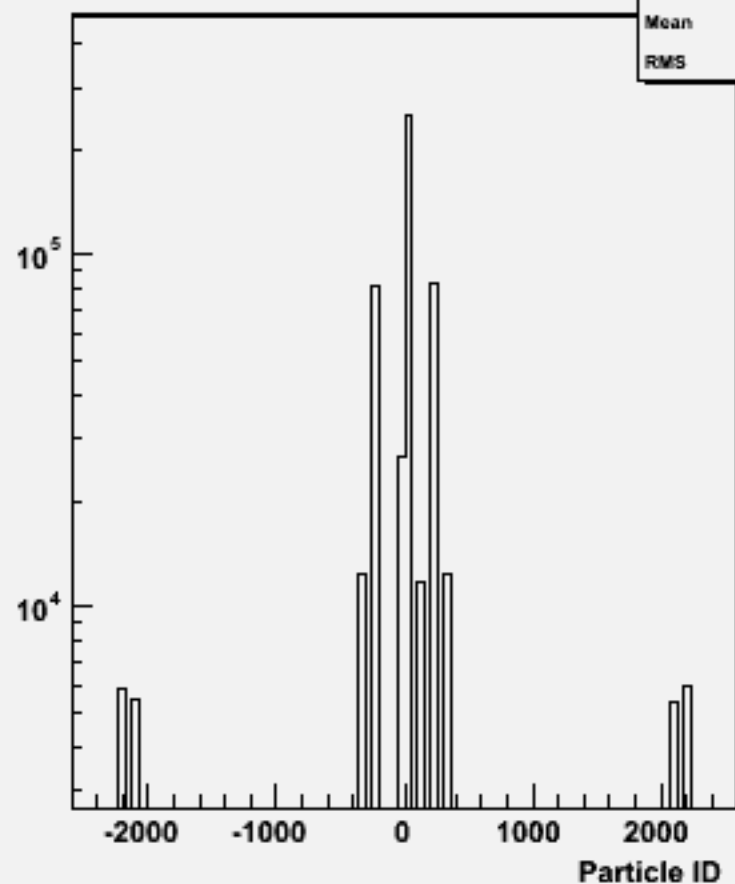


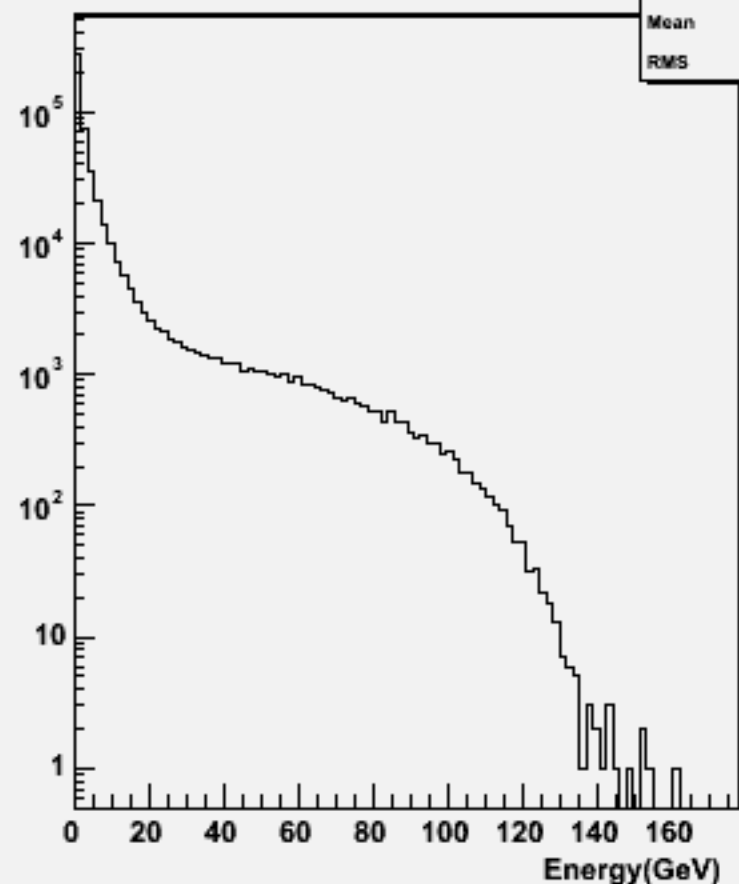
# Generator file information: w101385 n1n1cse3n3\_o

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job\_date\_time=100628-144431  
process\_name=n1n1cse3n3\_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=0.00168081322961855  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w101385\_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/w101385/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w101385/run_01)  
comment=

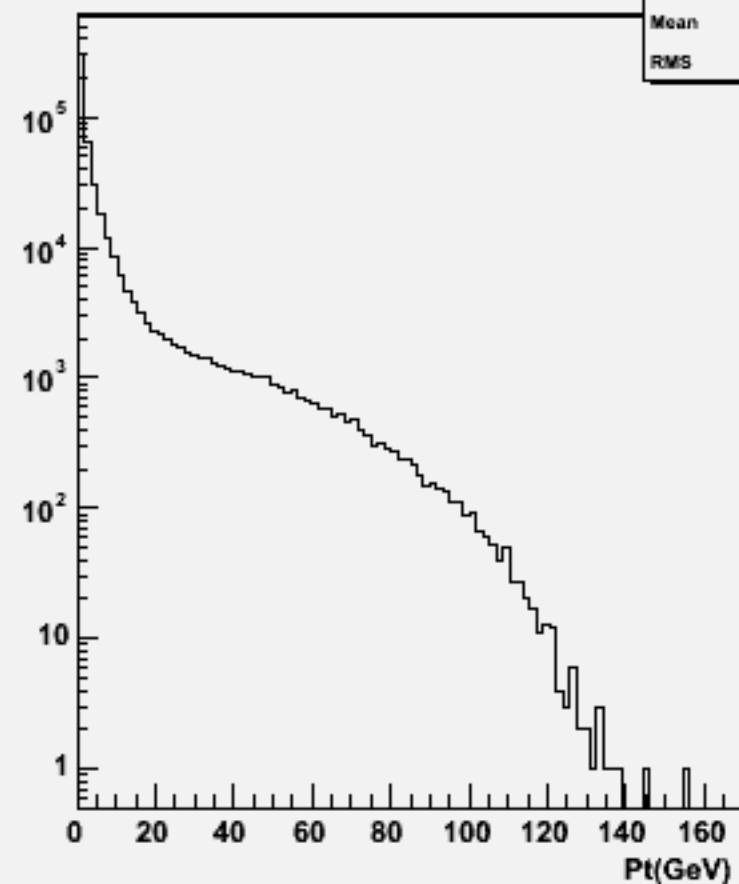
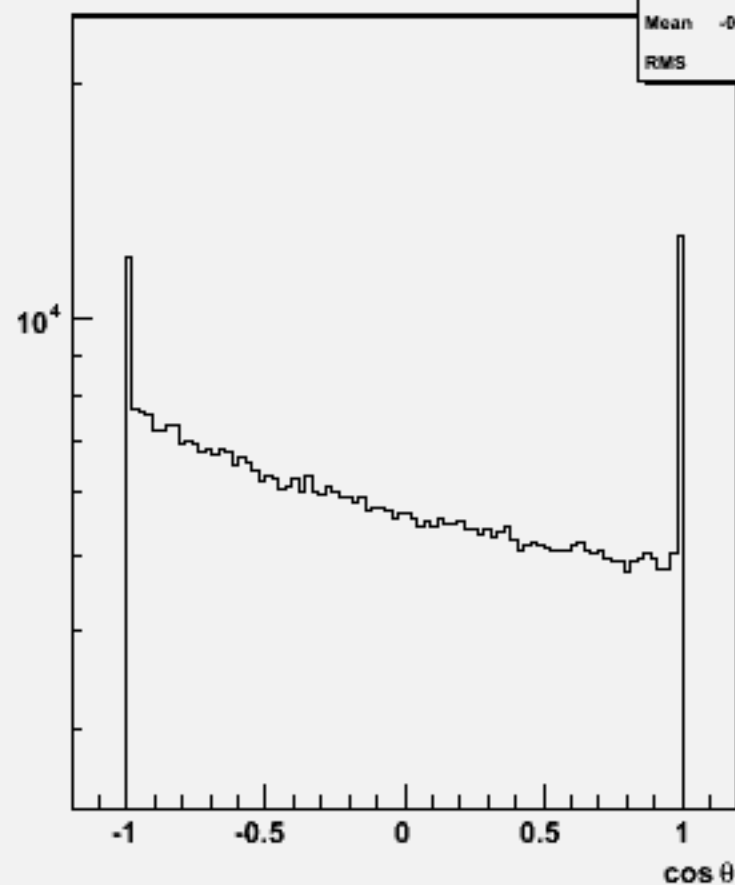
Particle ID : w101385 n1n1cse3n3\_o



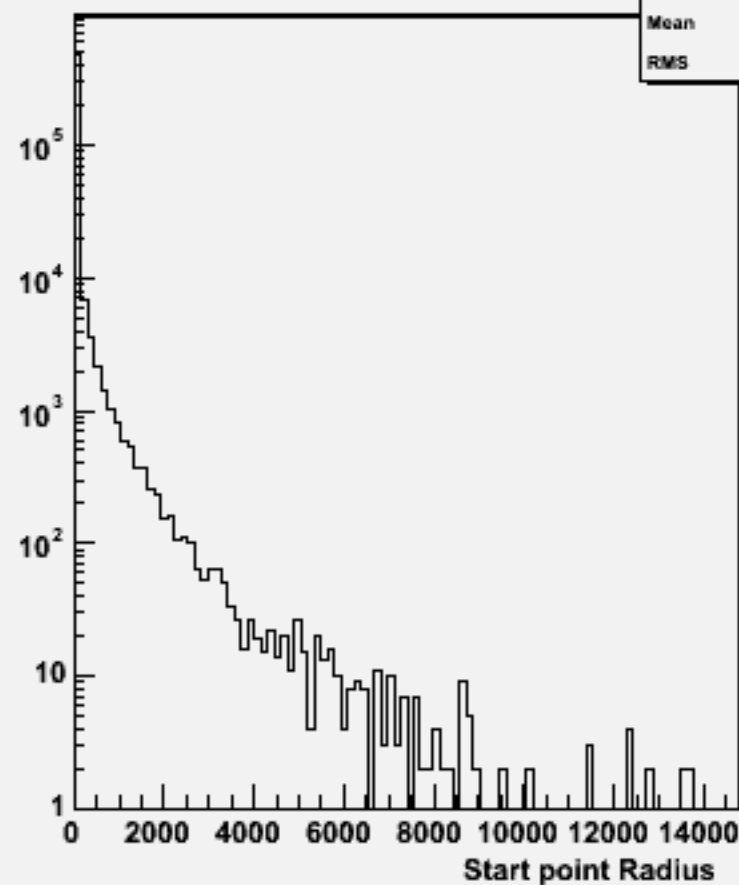
Particle Energy : w101385 n1n1cse3n3\_o



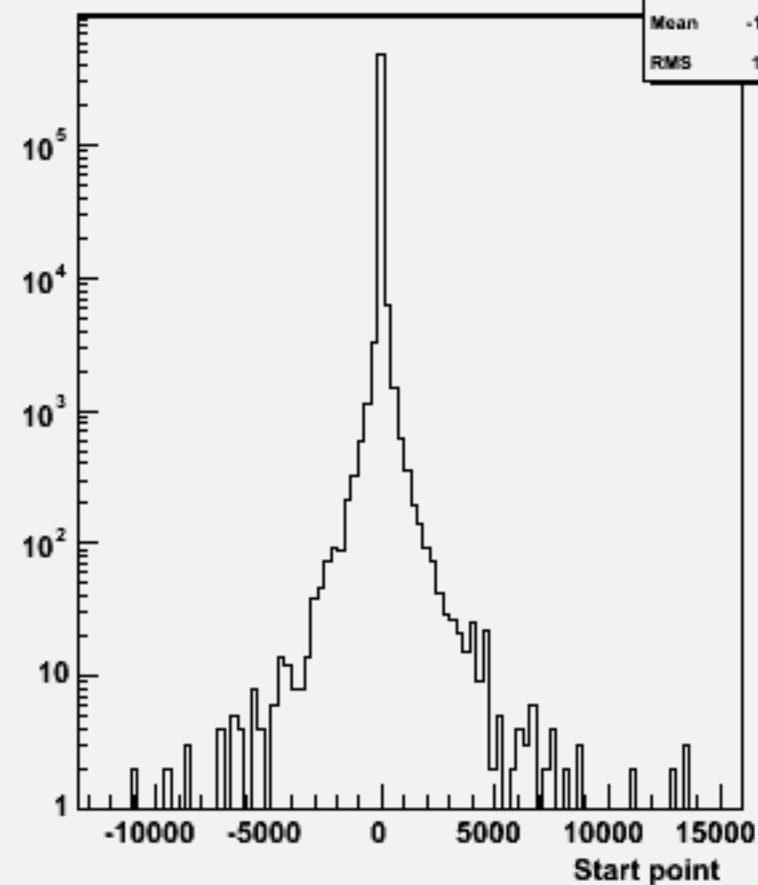
Particle Pt : w101385 n1n1cse3n3\_o

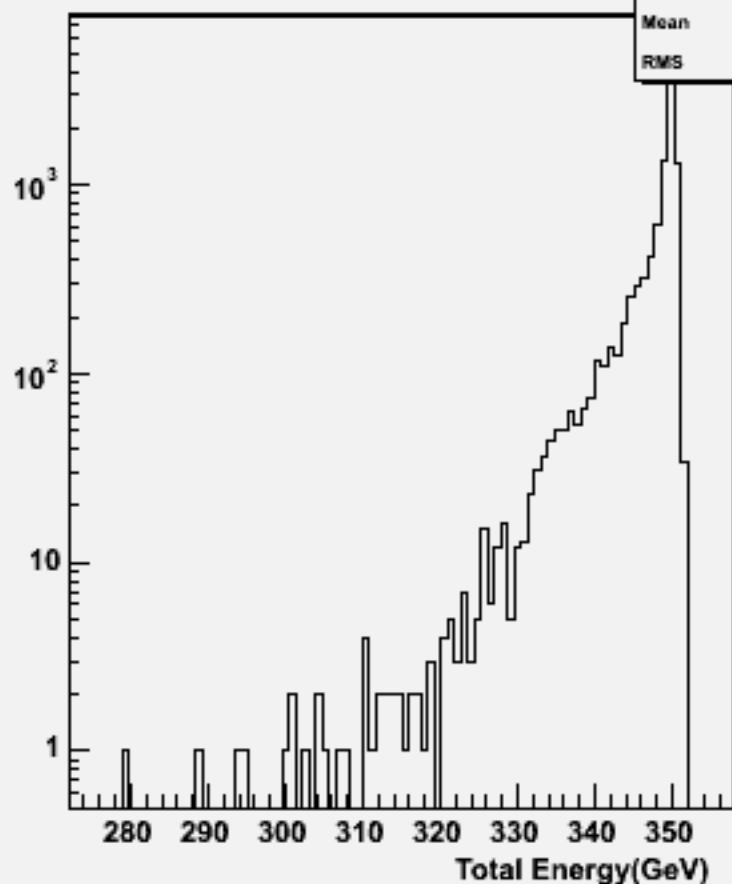
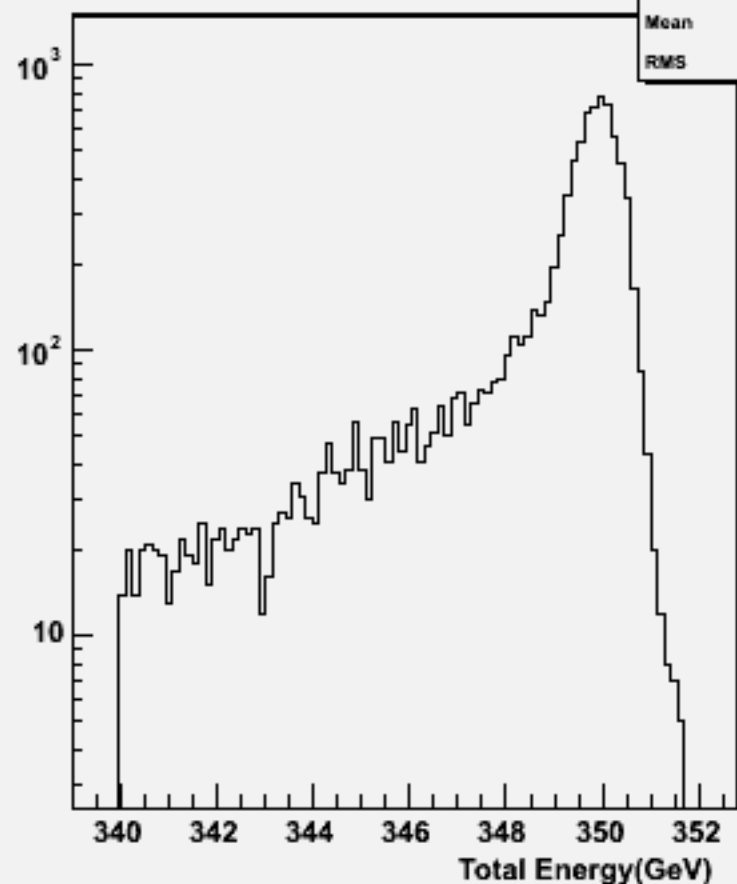
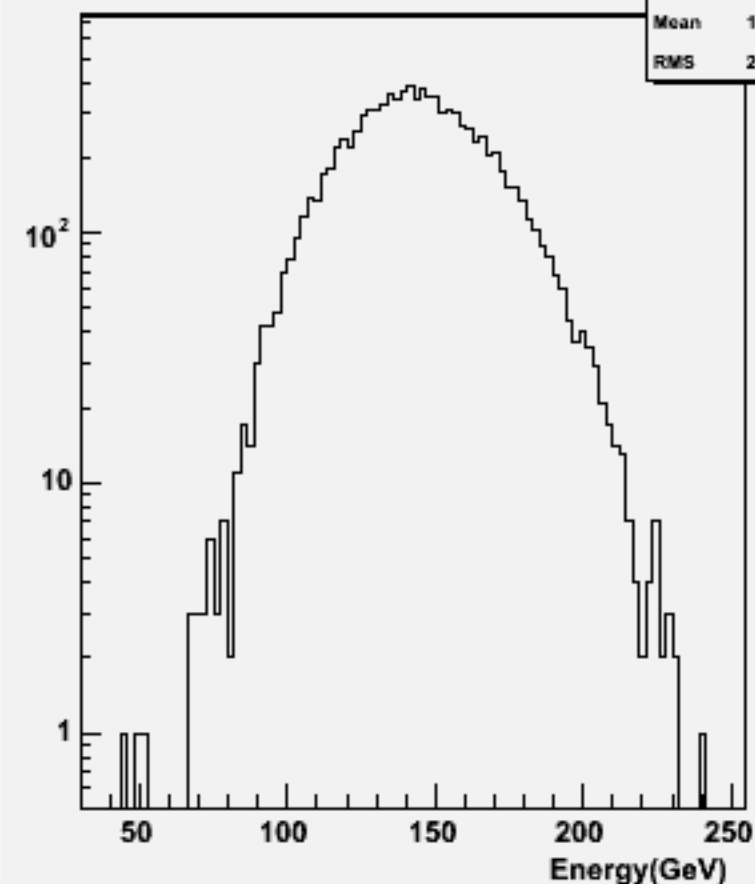
Particle cos $\theta$  : w101385 n1n1cse3n3\_o

Start point R : w101385 n1n1cse3n3\_o

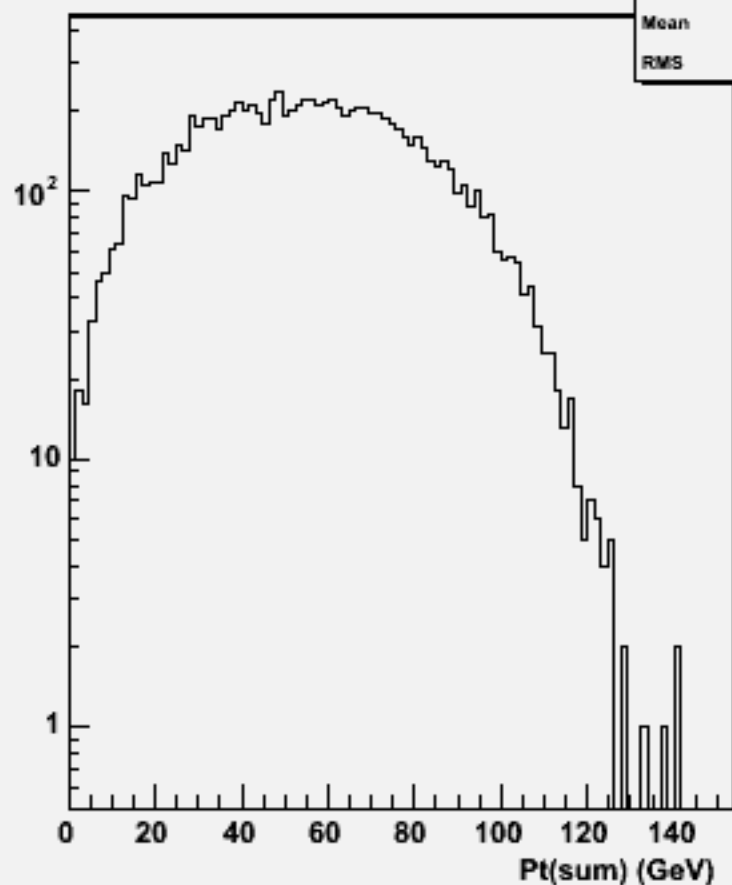


Start point Z : w101385 n1n1cse3n3\_o

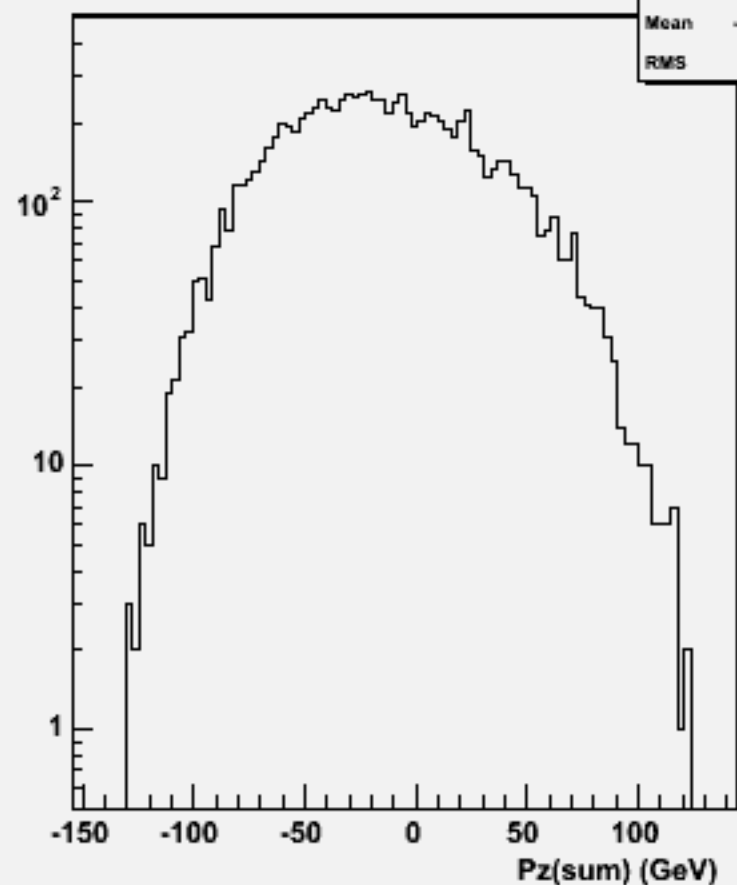


Total Energy (inc.  $\nu$ ): w101385 n1n1cse3n3\_oTotal Energy (inc.  $\nu$ ): w101385 n1n1cse3n3\_oTotal Energy (w/o  $\nu$ ): w101385 n1n1cse3n3\_o

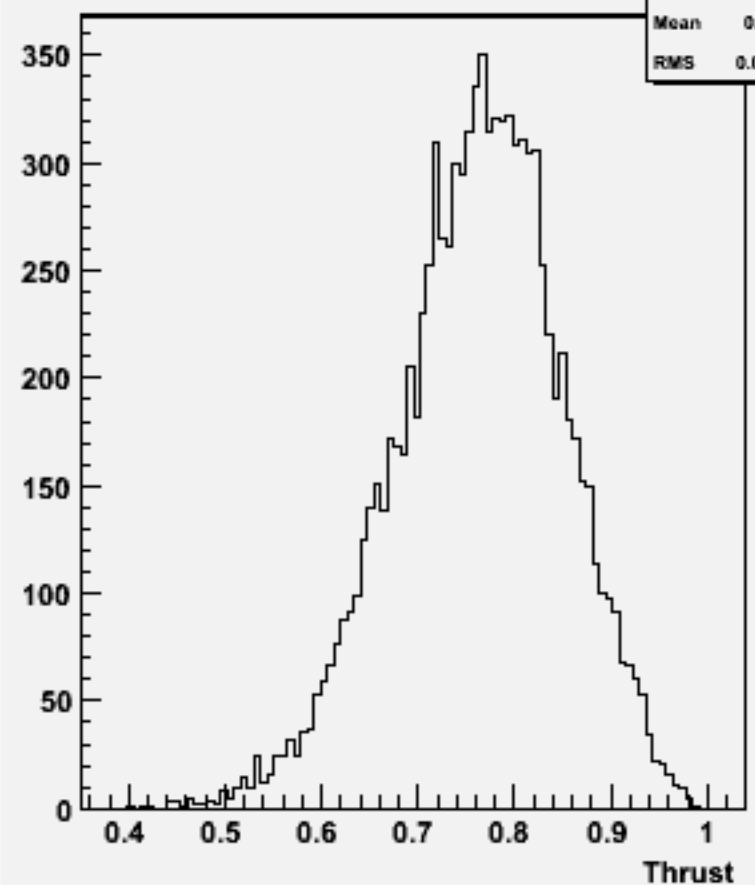
Pt Sum: w101385 n1n1cse3n3\_o

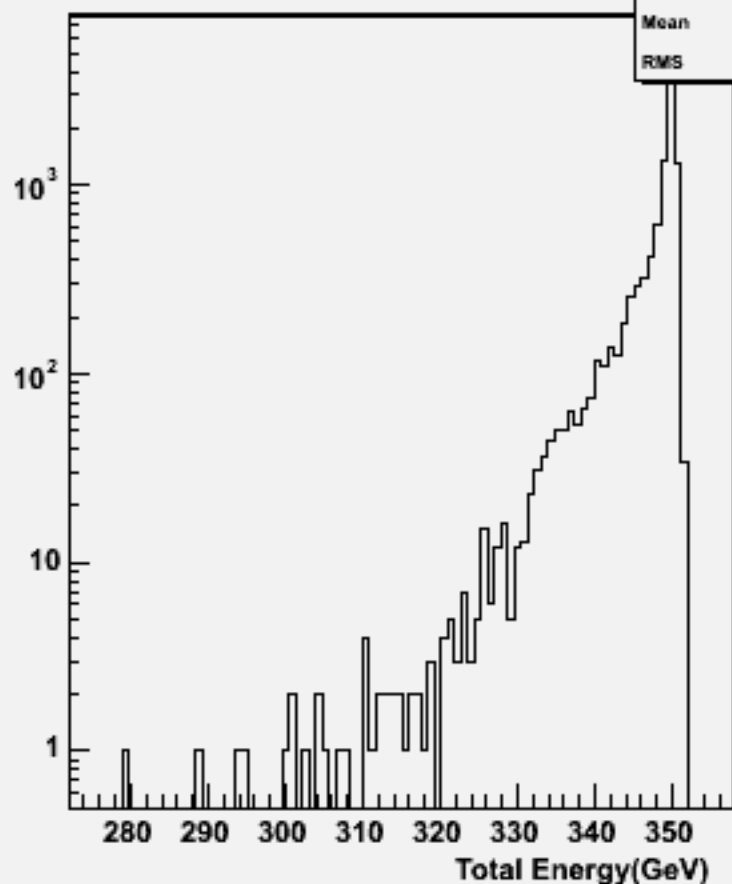
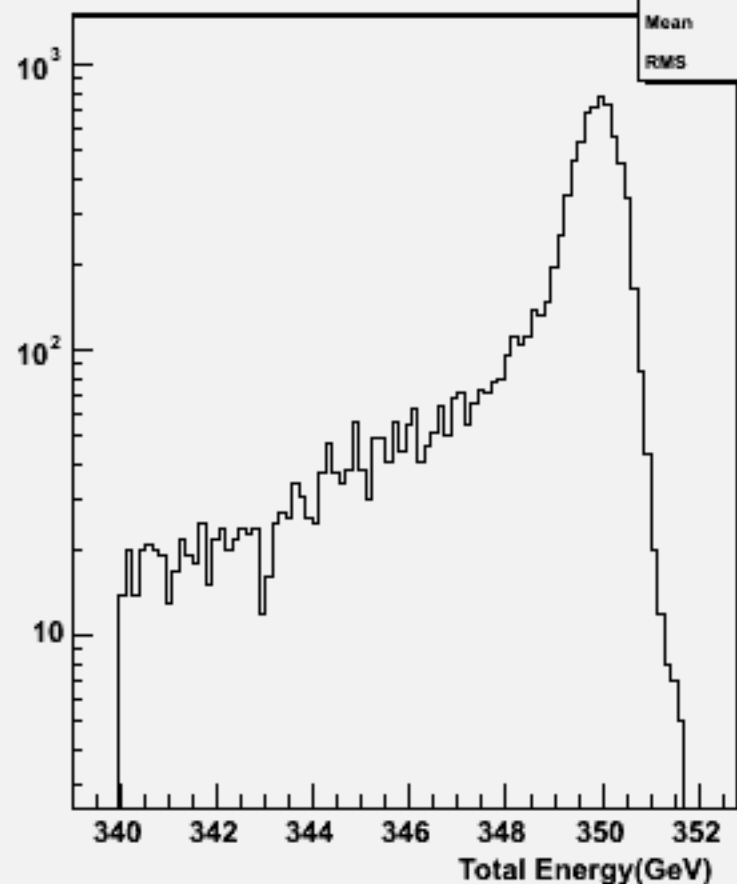
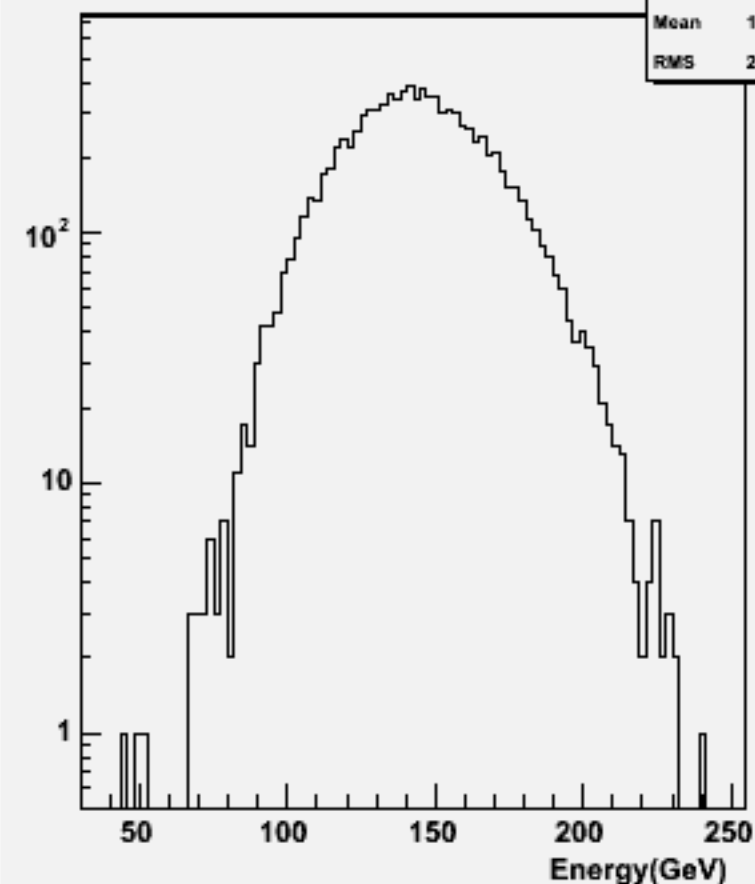


Pz Sum: w101385 n1n1cse3n3\_o

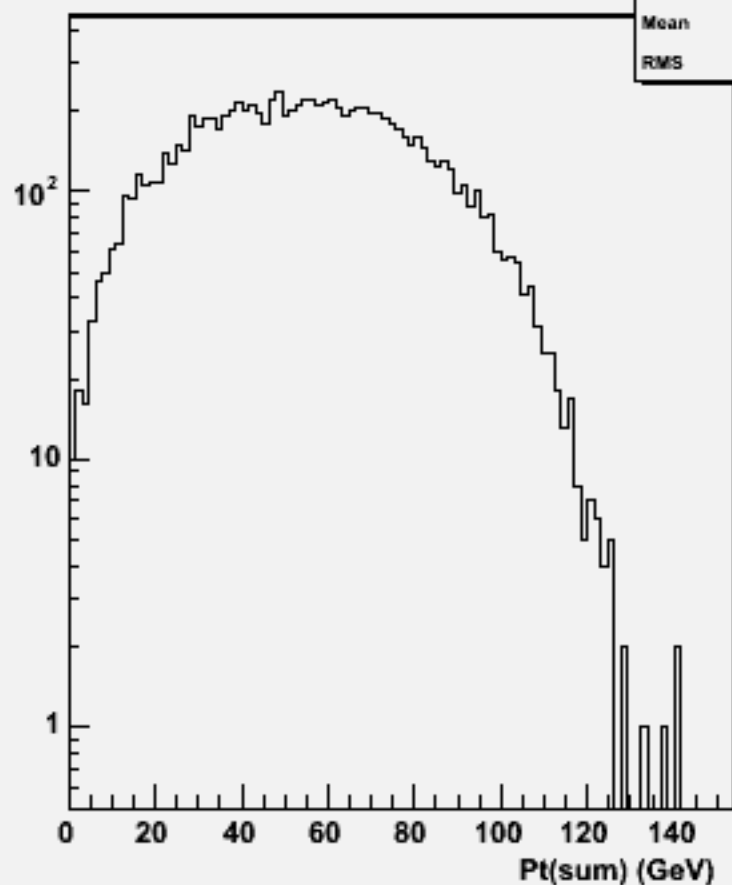


Thrust w101385 n1n1cse3n3\_o

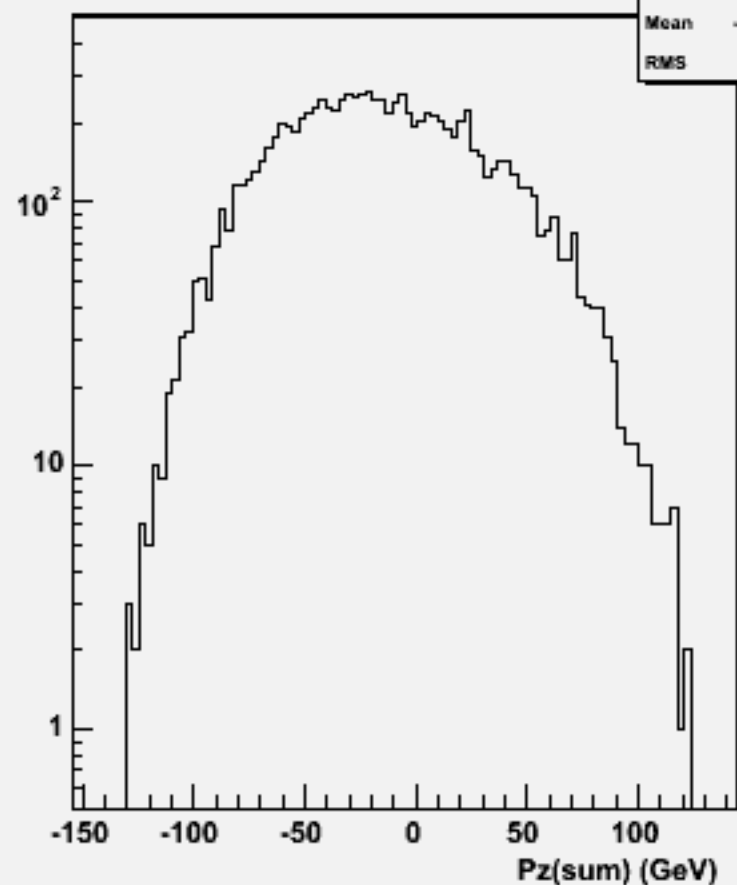


Total Energy (inc.  $\nu$ ): w101385 n1n1cse3n3\_oTotal Energy (inc.  $\nu$ ): w101385 n1n1cse3n3\_oTotal Energy (w/o  $\nu$ ): w101385 n1n1cse3n3\_o

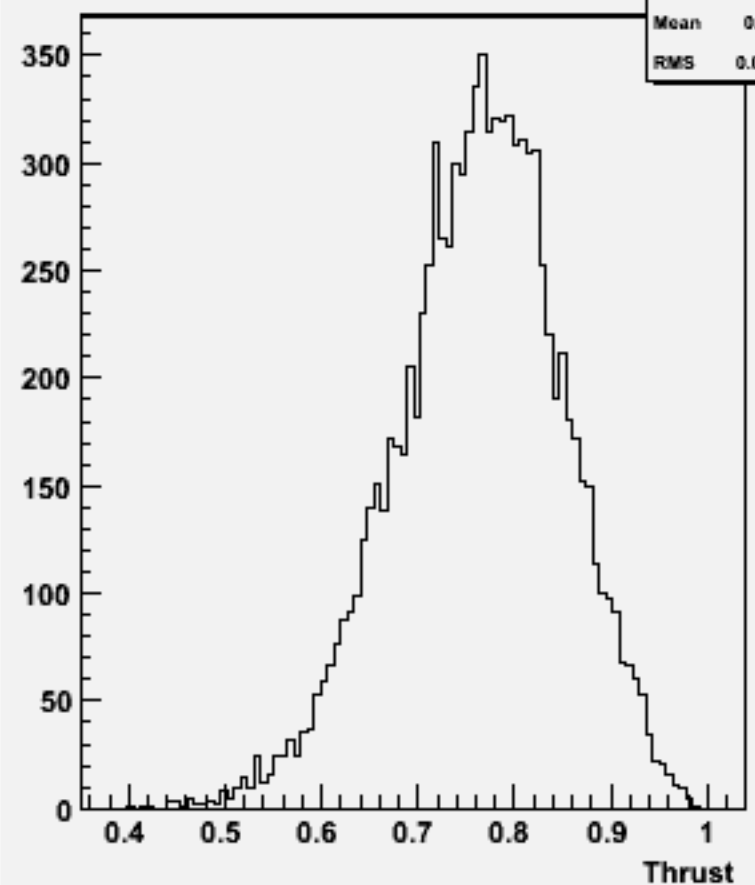
Pt Sum: w101385 n1n1cse3n3\_o

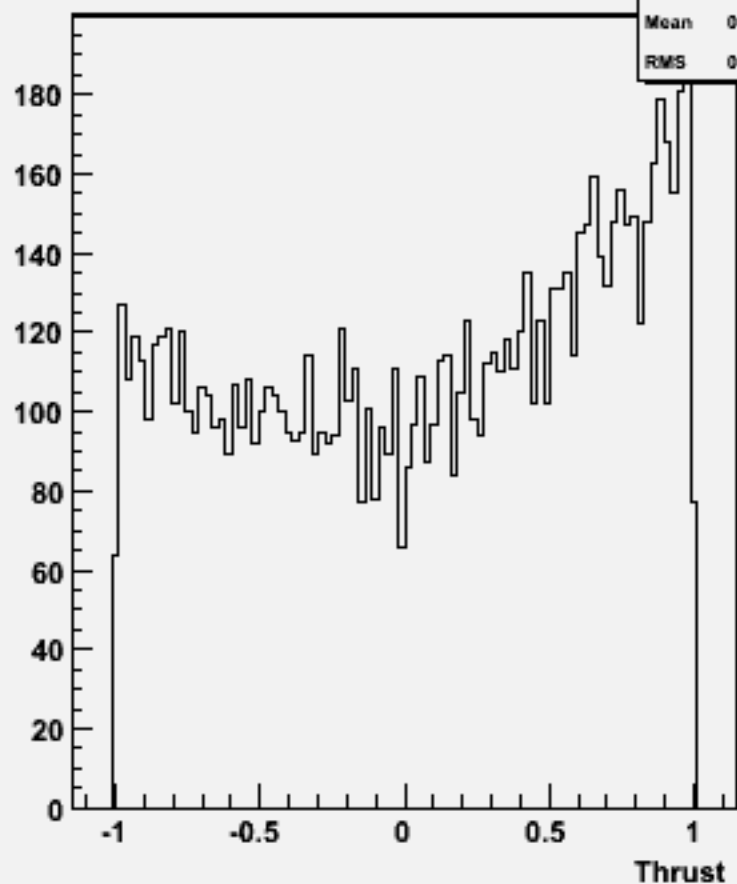


Pz Sum: w101385 n1n1cse3n3\_o

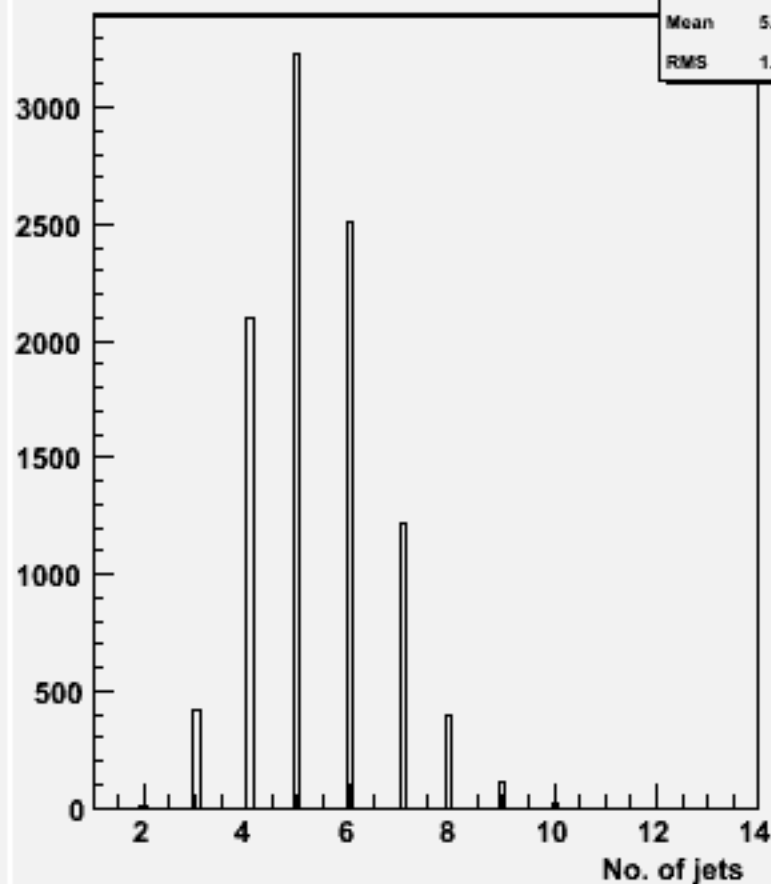


Thrust w101385 n1n1cse3n3\_o

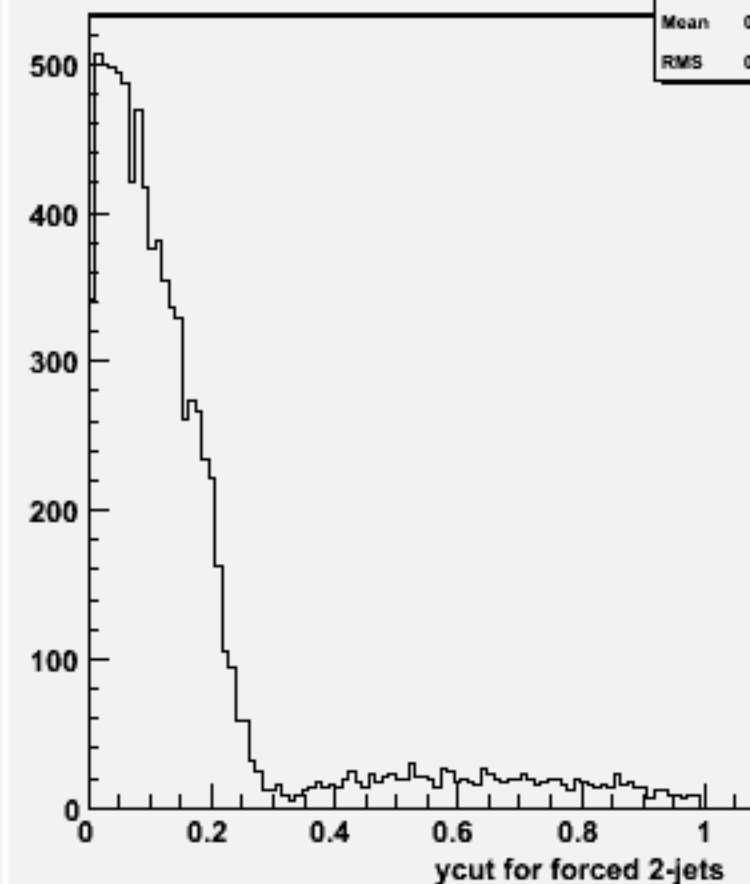


cos  $\Theta$ (thrust) w101385 n1n1cse3n3\_o

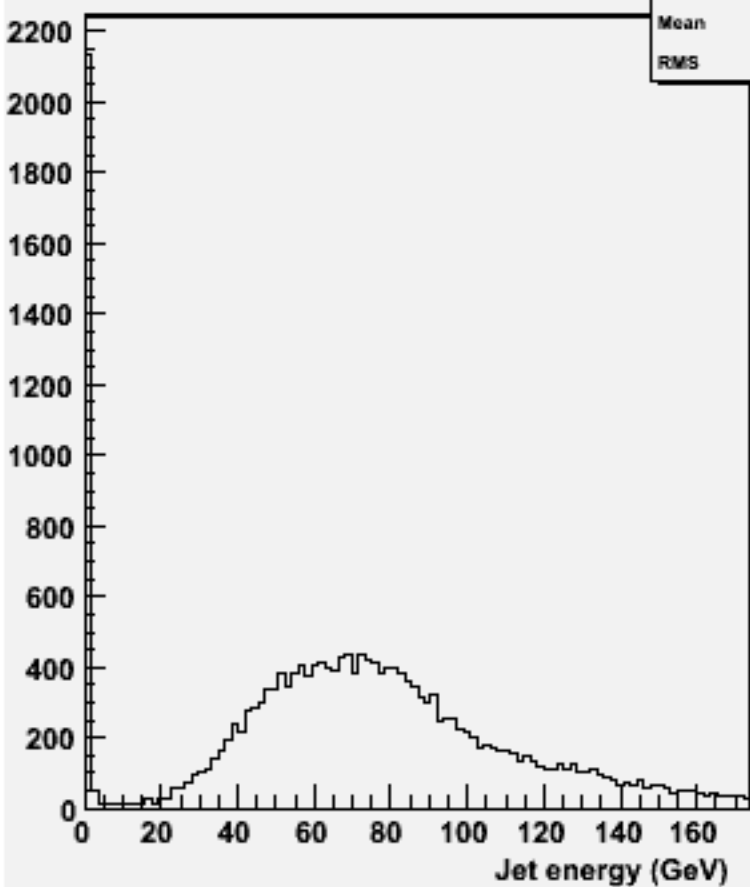
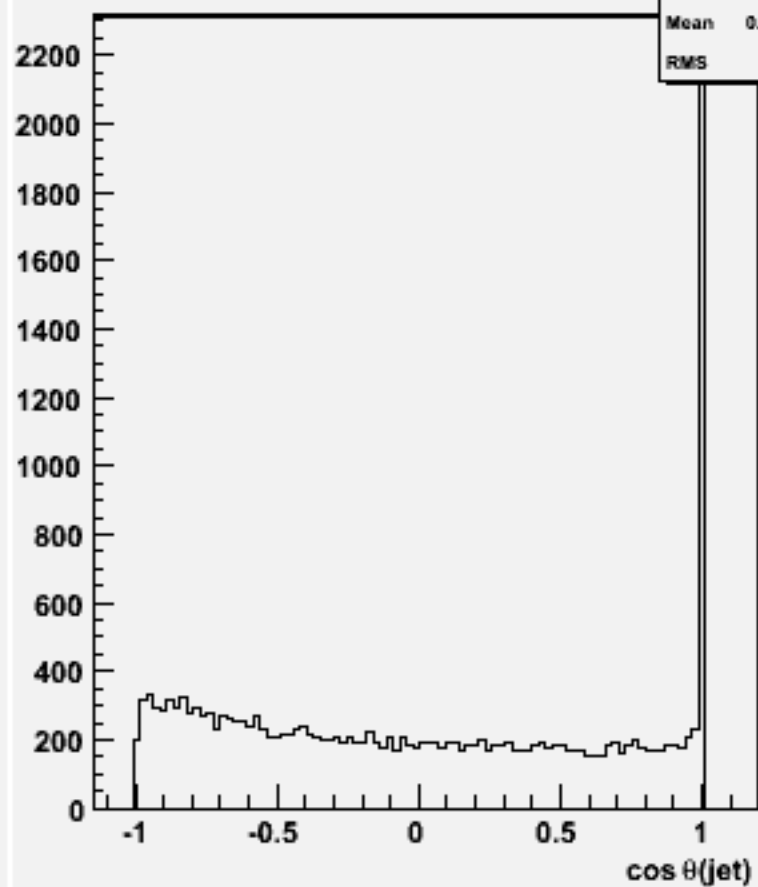
No. jets (ycut=0.001) : w101385 n1n1cse3n3\_o



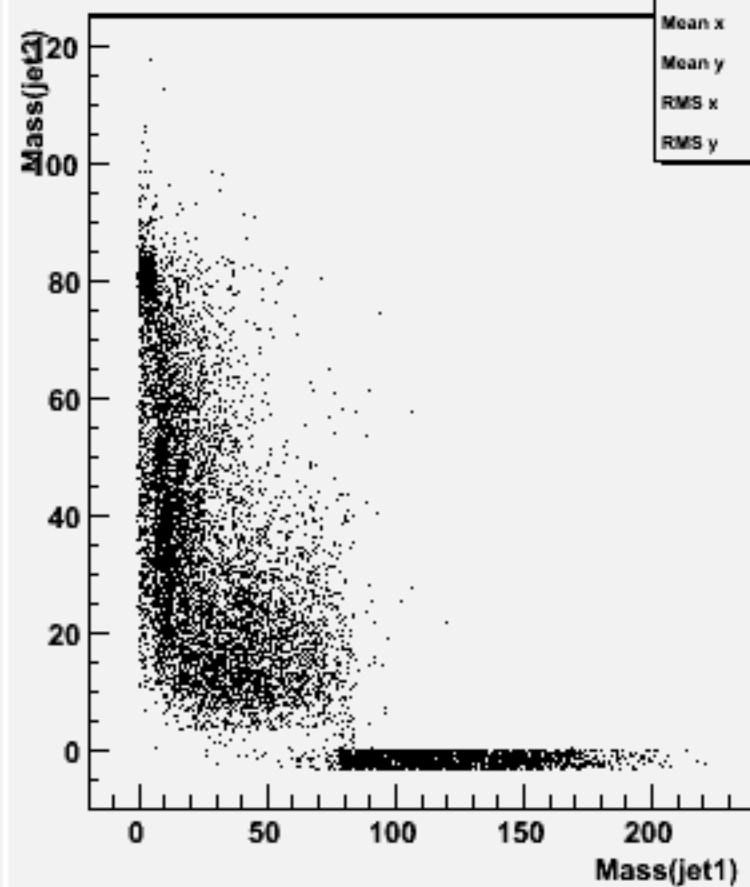
Ycut for 2-jets :w101385 n1n1cse3n3\_o



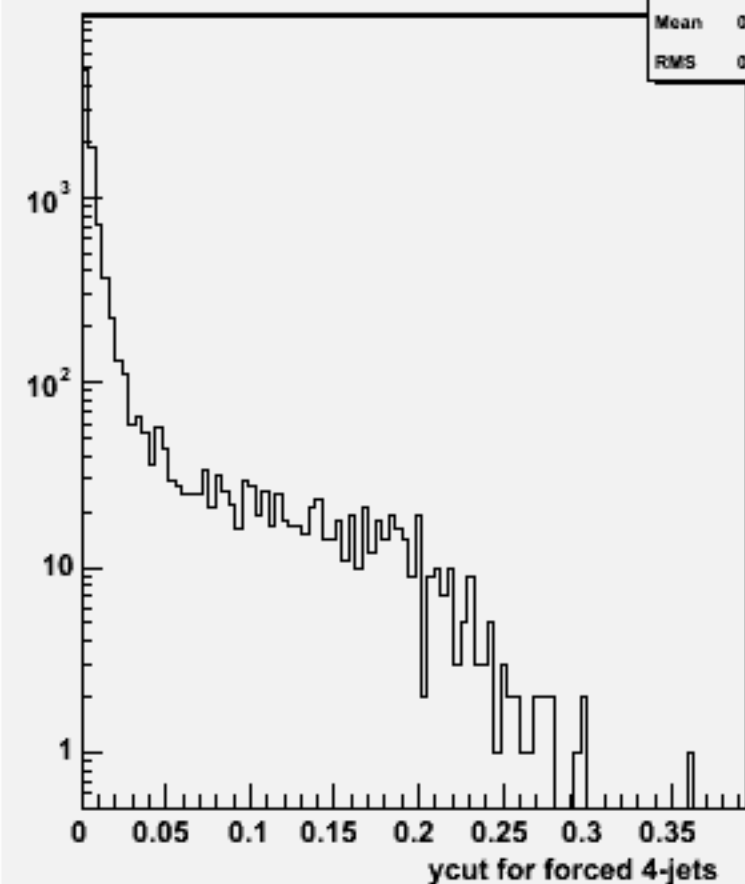
energy for 2-jets :w101385 n1n1cse3n3\_o

cos  $\theta$  for 2-jets :w101385 n1n1cse3n3\_o

Jet mass for forced 2-jets : w101385 n1n1cse3n3\_o

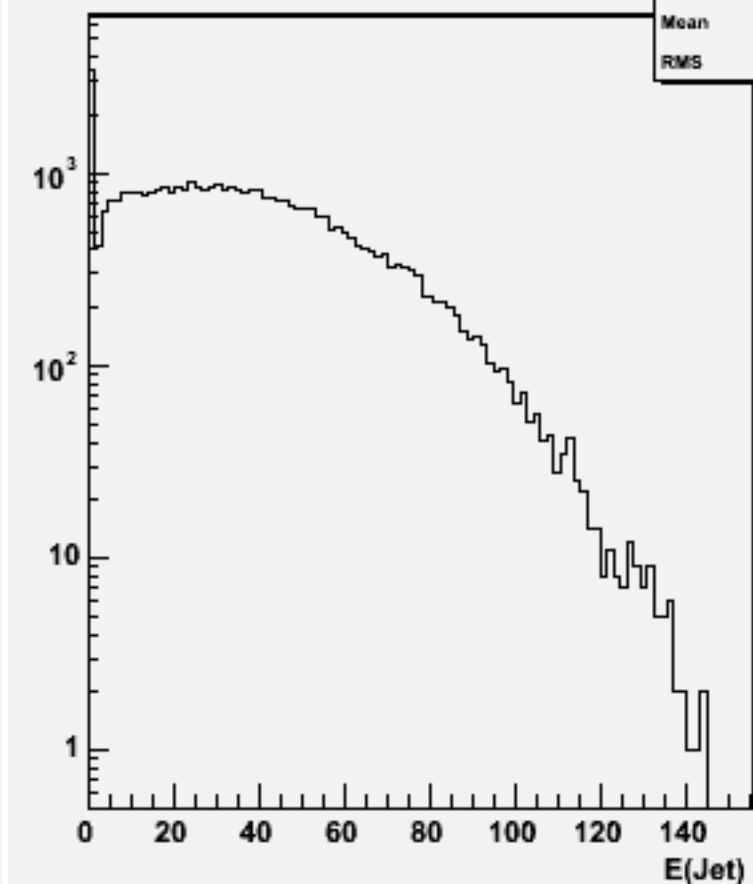


Ycut for 4-jets :w101385 n1n1cse3n3\_o

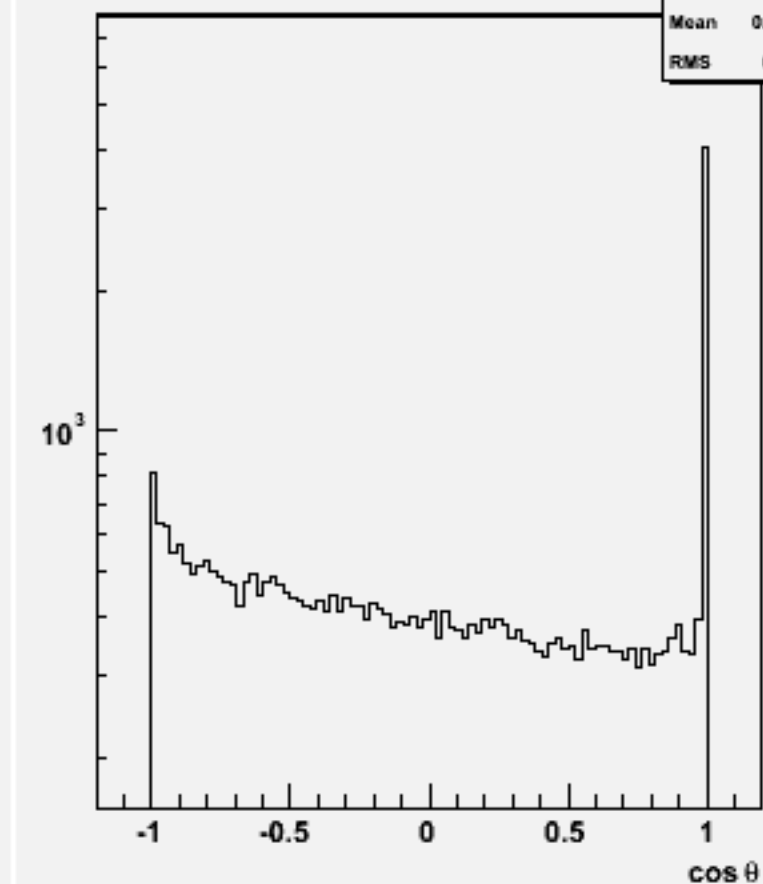


| h_yc4j  |         |
|---------|---------|
| Entries | 9580    |
| Mean    | 0.01713 |
| RMS     | 0.03916 |

Jet energies(All jets)w101385 n1n1cse3n3\_o

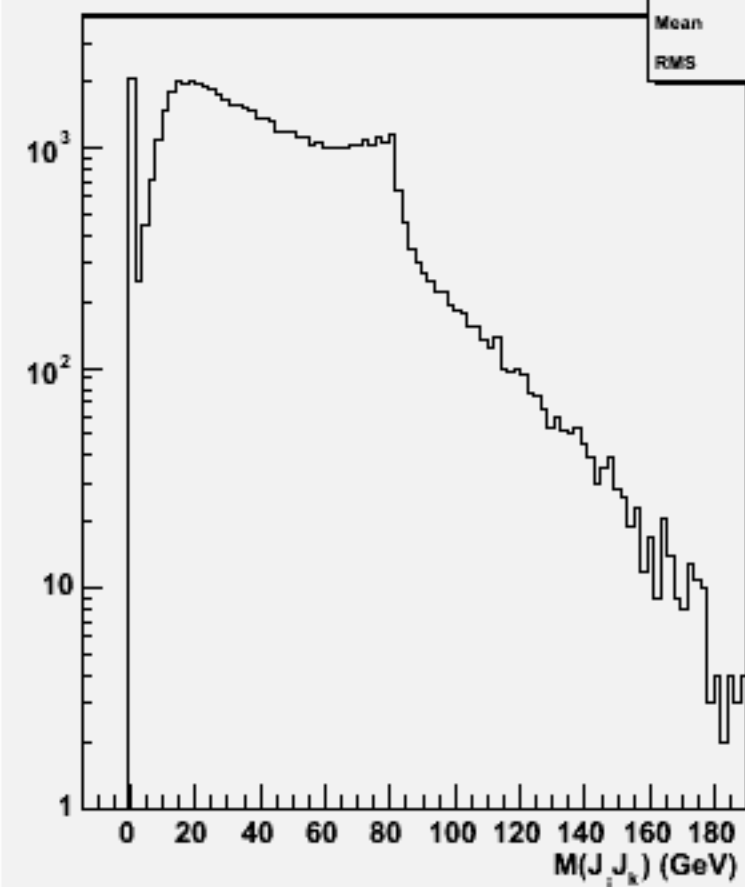


| ha_j0e  |       |
|---------|-------|
| Entries | 38320 |
| Mean    | 36.05 |
| RMS     | 26.15 |

Jet cos  $\theta$  (All jets)w101385 n1n1cse3n3\_o

| ha_j0cs |         |
|---------|---------|
| Entries | 38320   |
| Mean    | 0.01146 |
| RMS     | 0.6501  |

2jets mass(All comb)w101385 n1n1cse3n3\_o



| ha_m01  |       |
|---------|-------|
| Entries | 57480 |
| Mean    | 43.65 |
| RMS     | 29.28 |