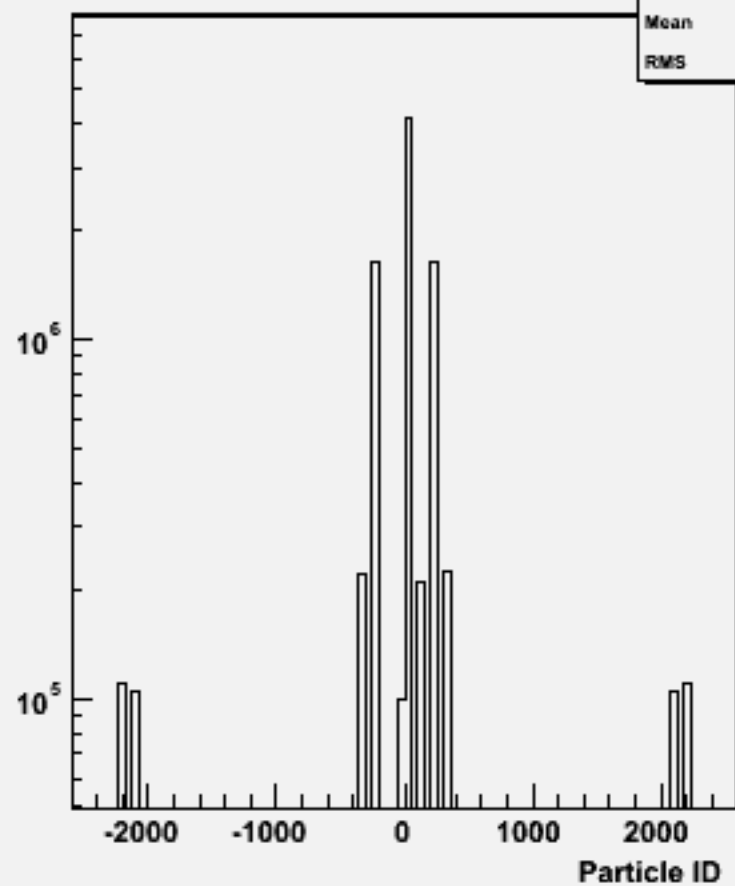


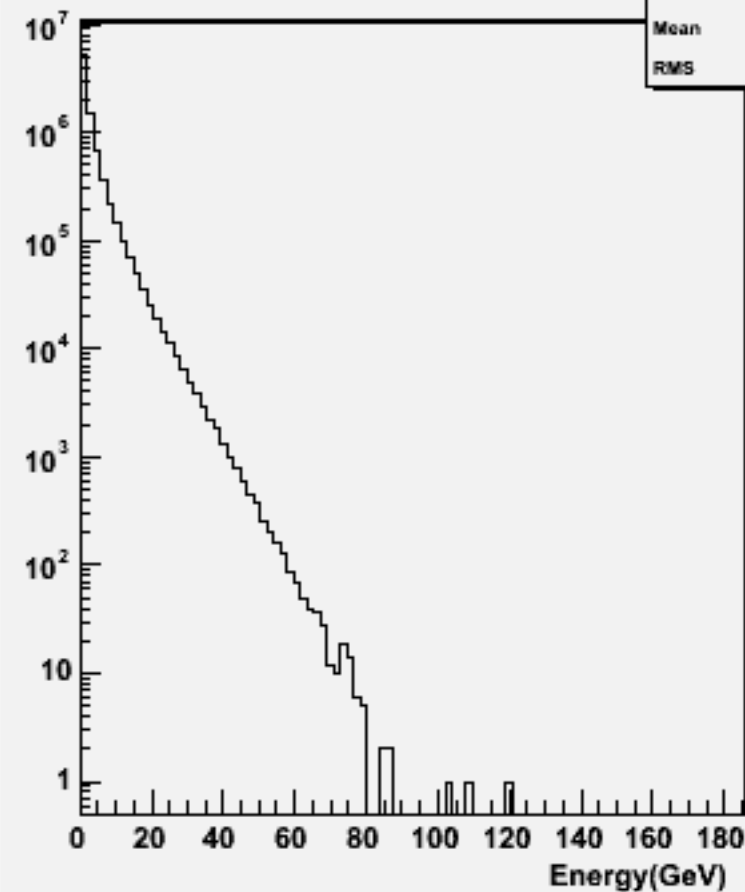
# Generator file information: p105001 bbqqqq\_p

process\_id=p105001  
process\_name=bbqqqq\_p  
CM\_energy\_in\_GeV=350  
program\_name\_version=physsim-TTStudy  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=+1.0  
polarization2=-1.0  
luminosity=1000  
cross\_section\_in\_fb=200.467  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=200468  
number\_of\_files=5  
file\_names=p105001\_01.stdhep;p105001\_02.stdhep;p105001\_03.stdhep;p105001\_04.stdhep  
number\_of\_events\_in\_files=64916;64949;65040;5563  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0350  
logurl=[http://www-jlc.kek.jp/~miyamoto/CDS/0350/run\\_output/p105001](http://www-jlc.kek.jp/~miyamoto/CDS/0350/run_output/p105001)  
comment=

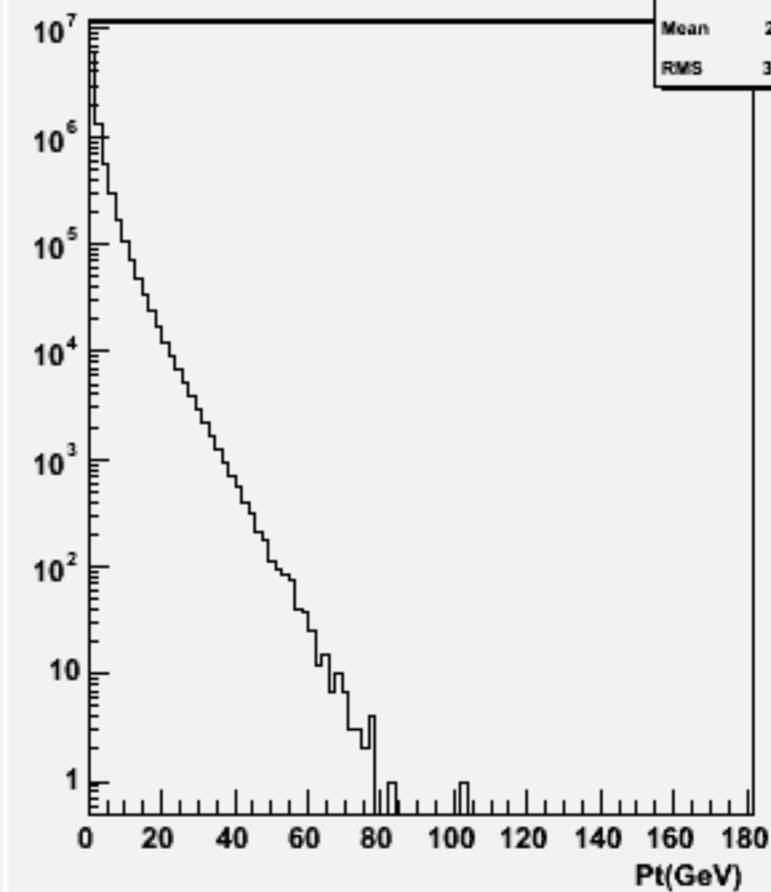
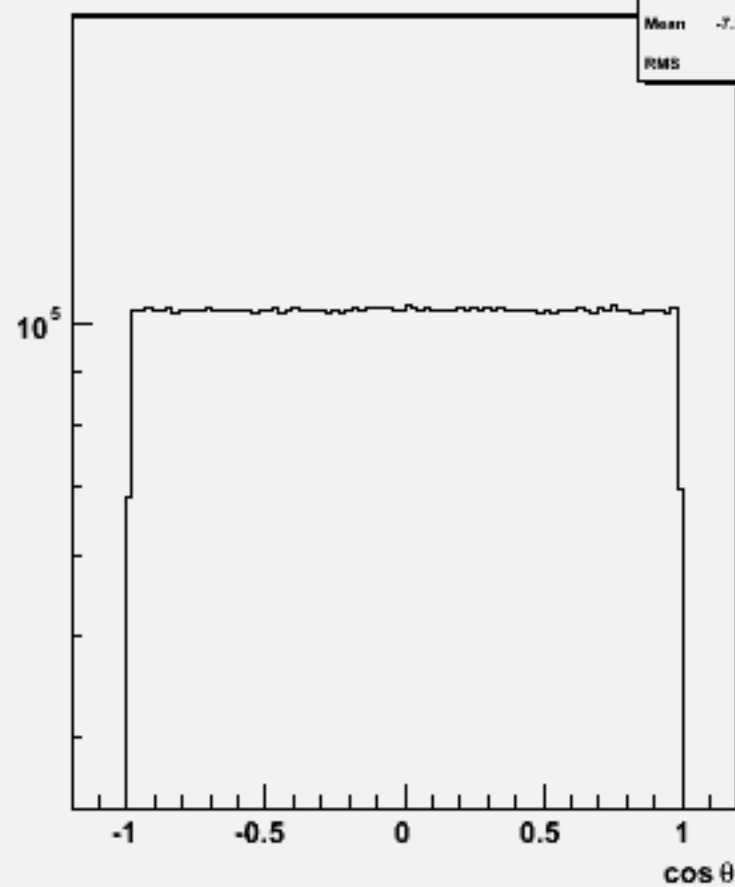
Particle ID : p105001 bbqqqq\_p



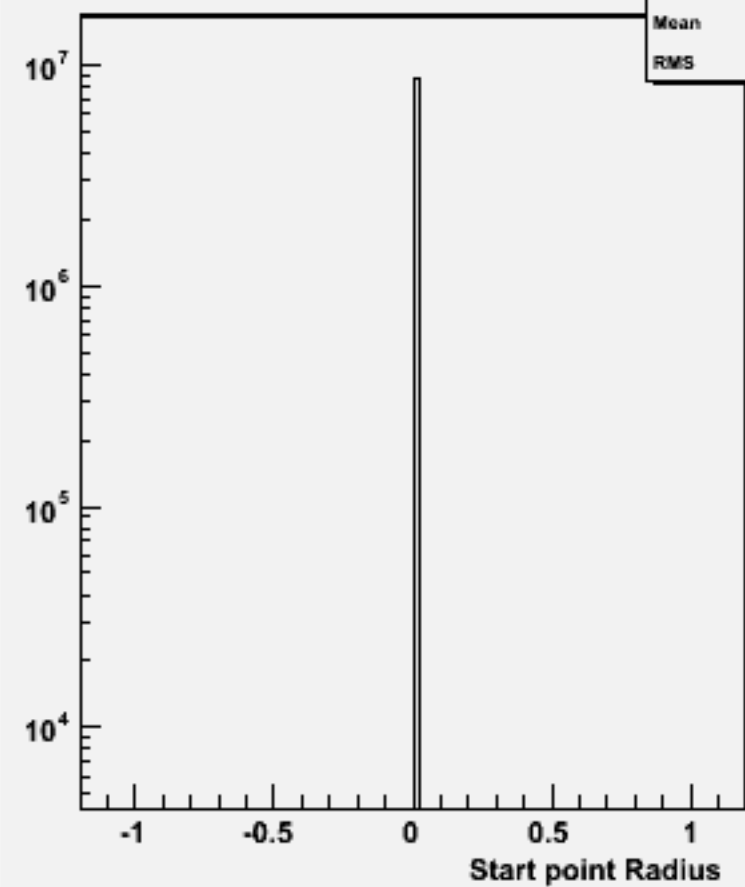
Particle Energy : p105001 bbqqqq\_p



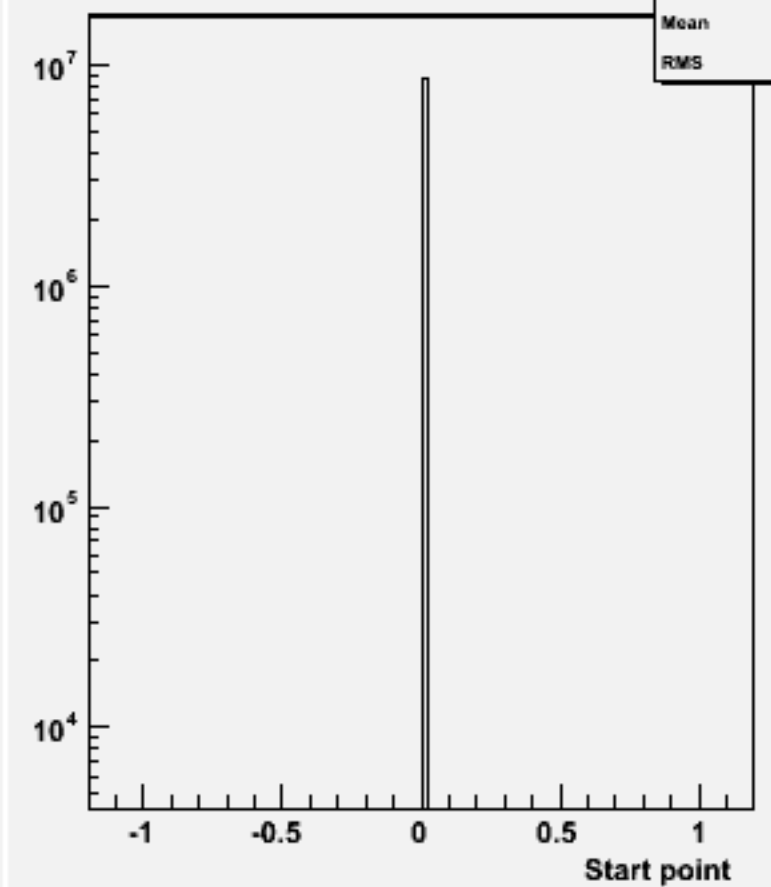
Particle Pt : p105001 bbqqqq\_p

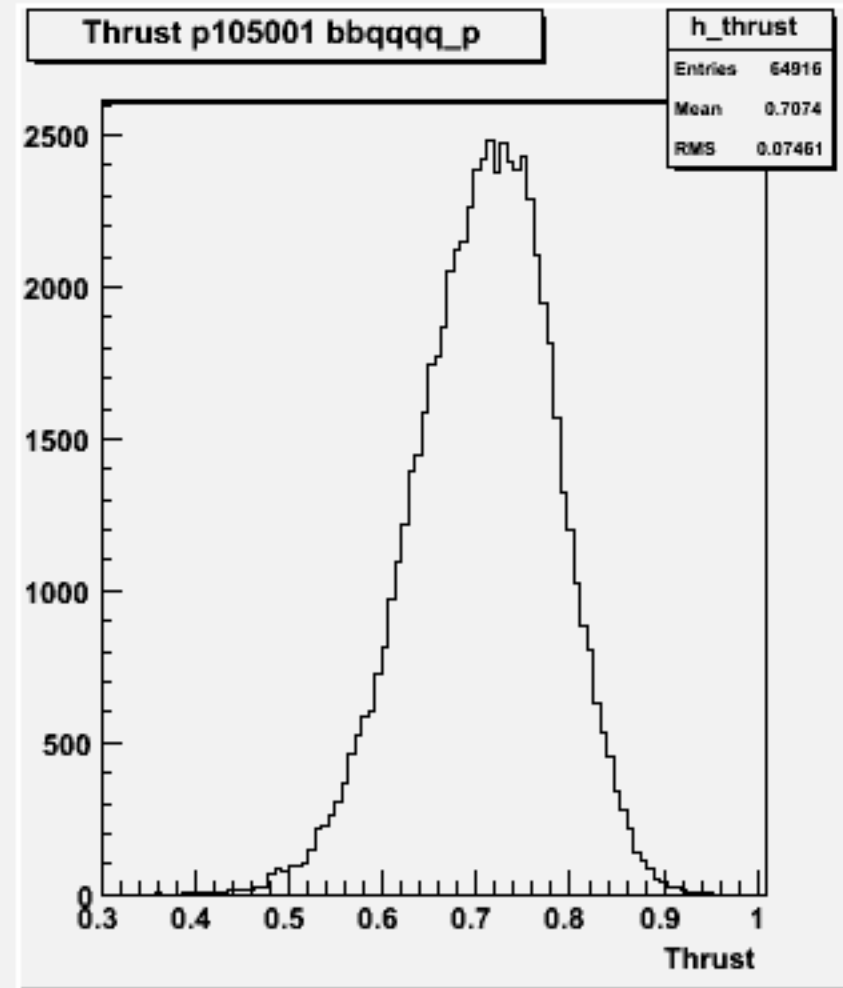
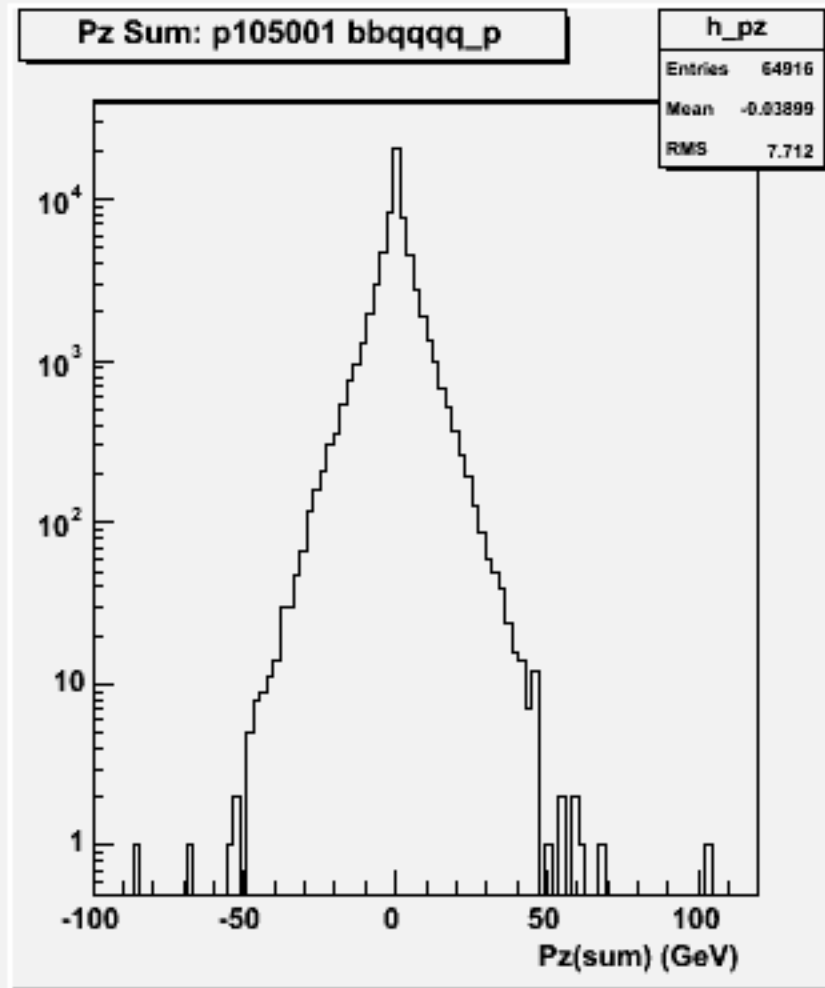
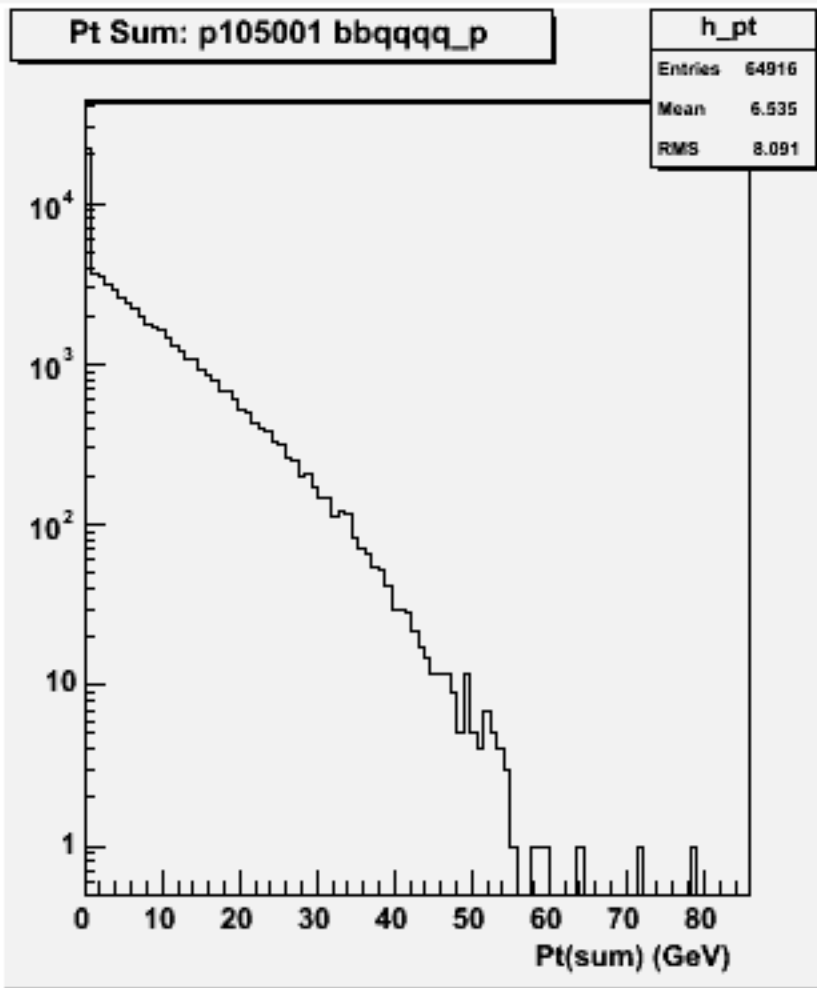
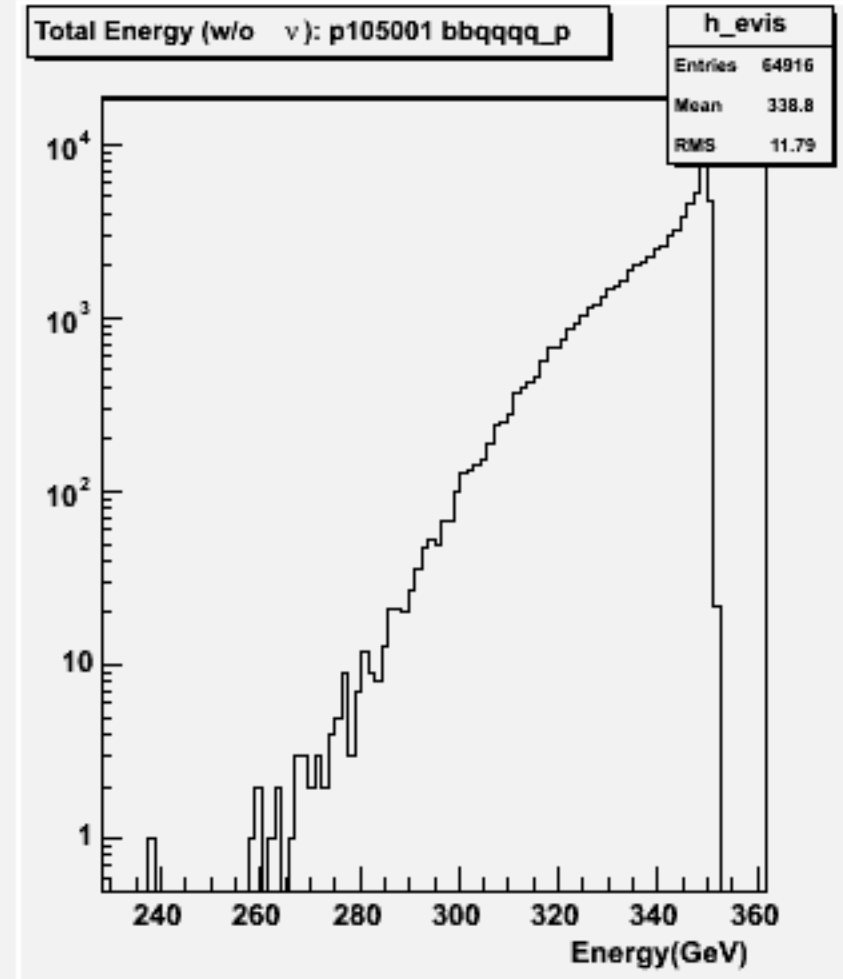
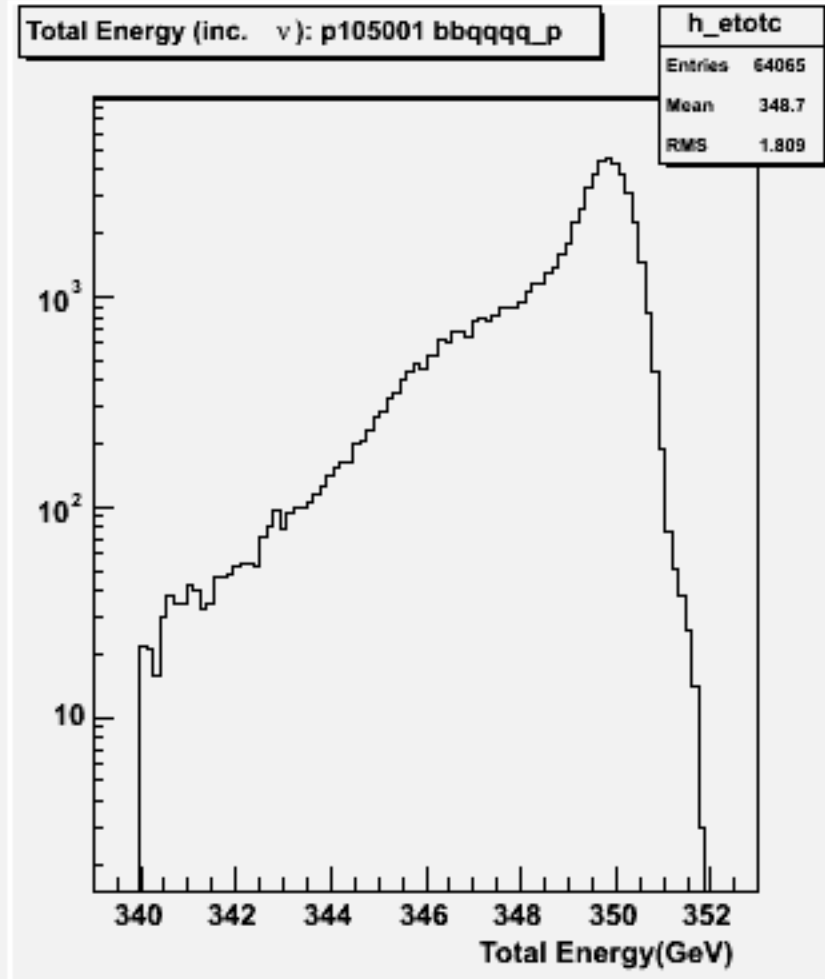
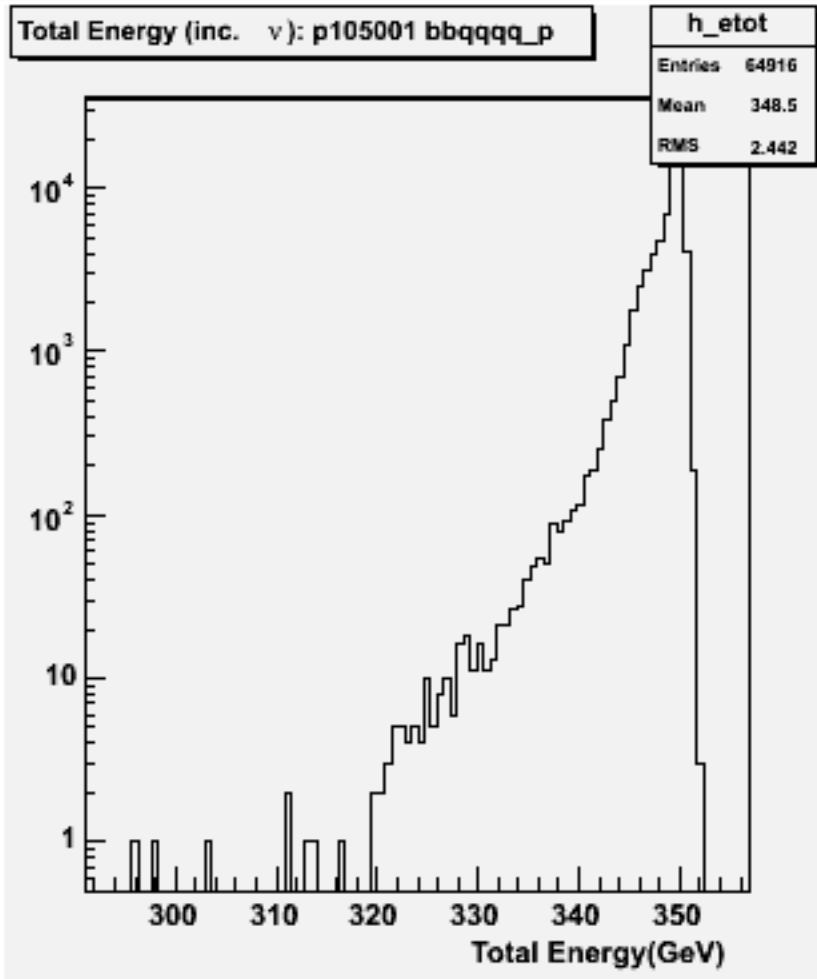
Particle cos $\theta$  : p105001 bbqqqq\_p

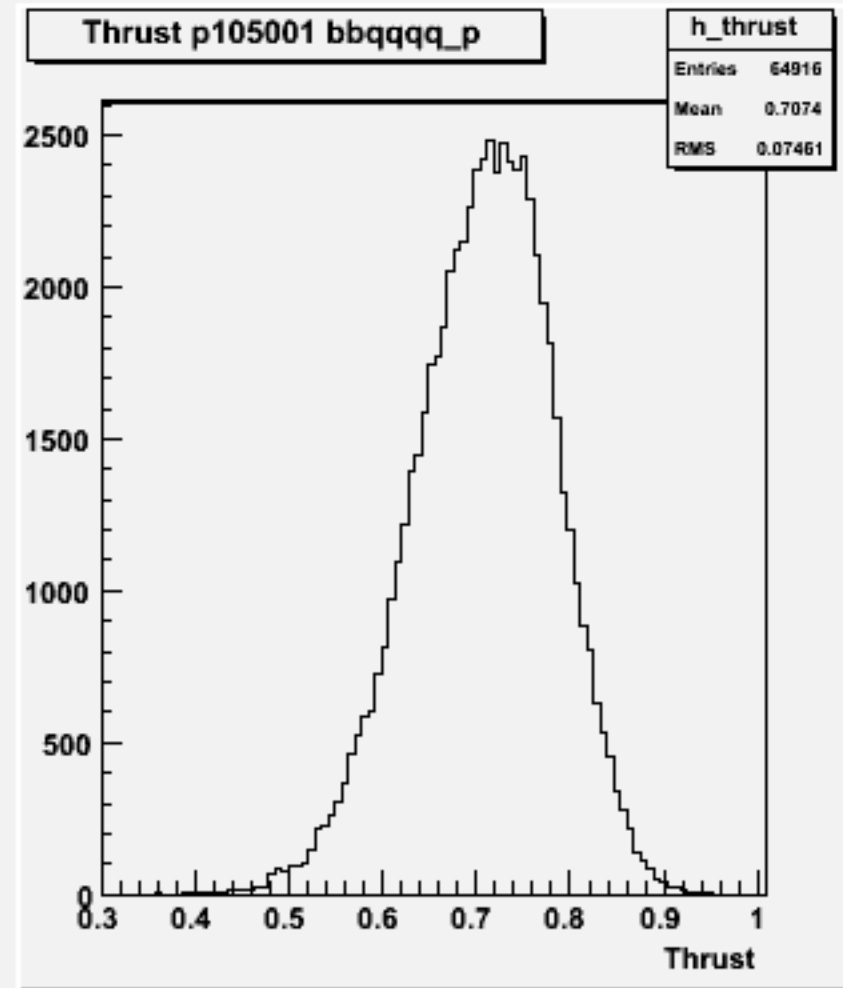
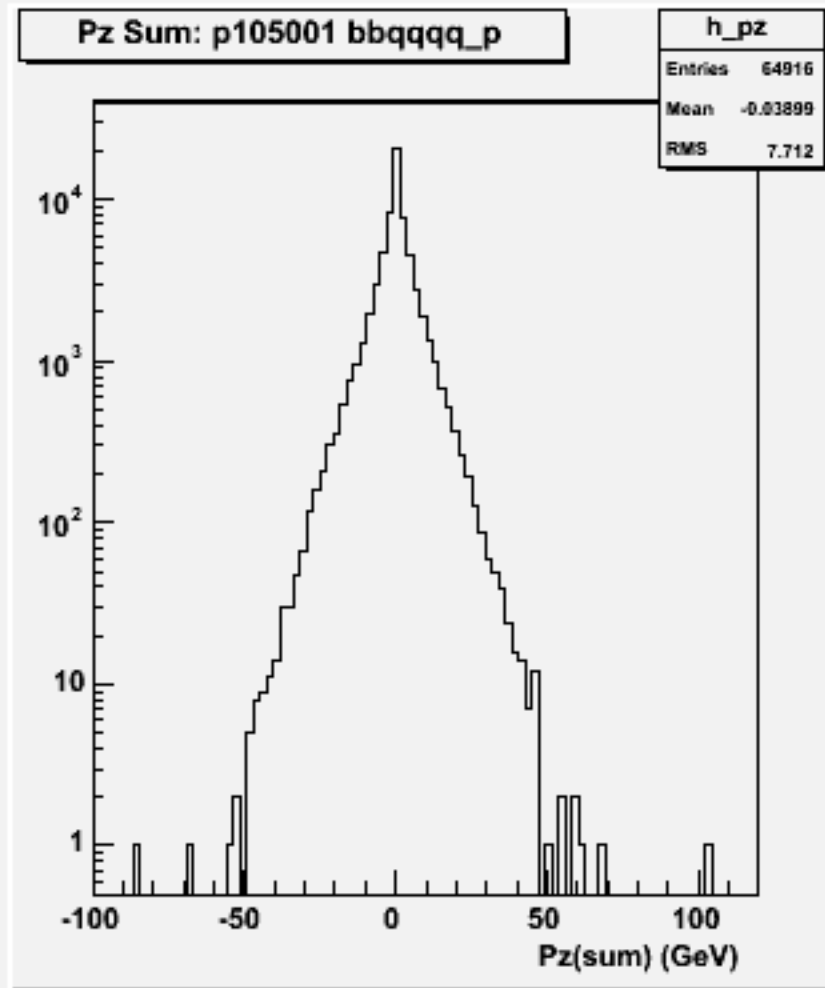
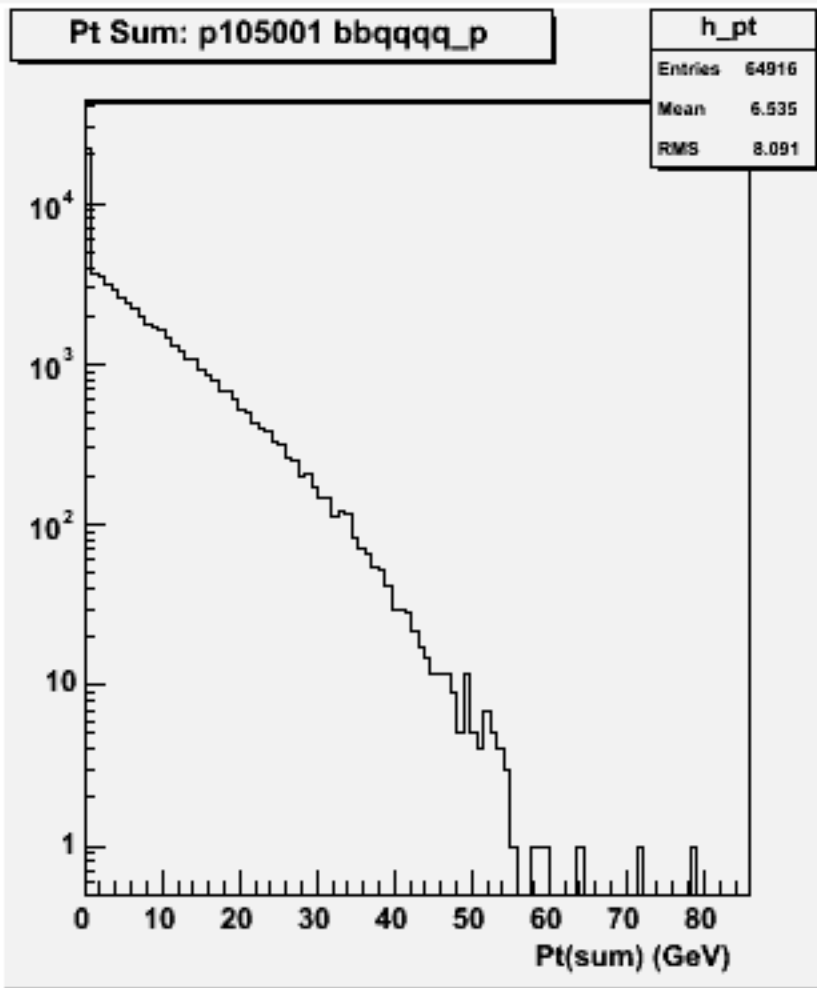
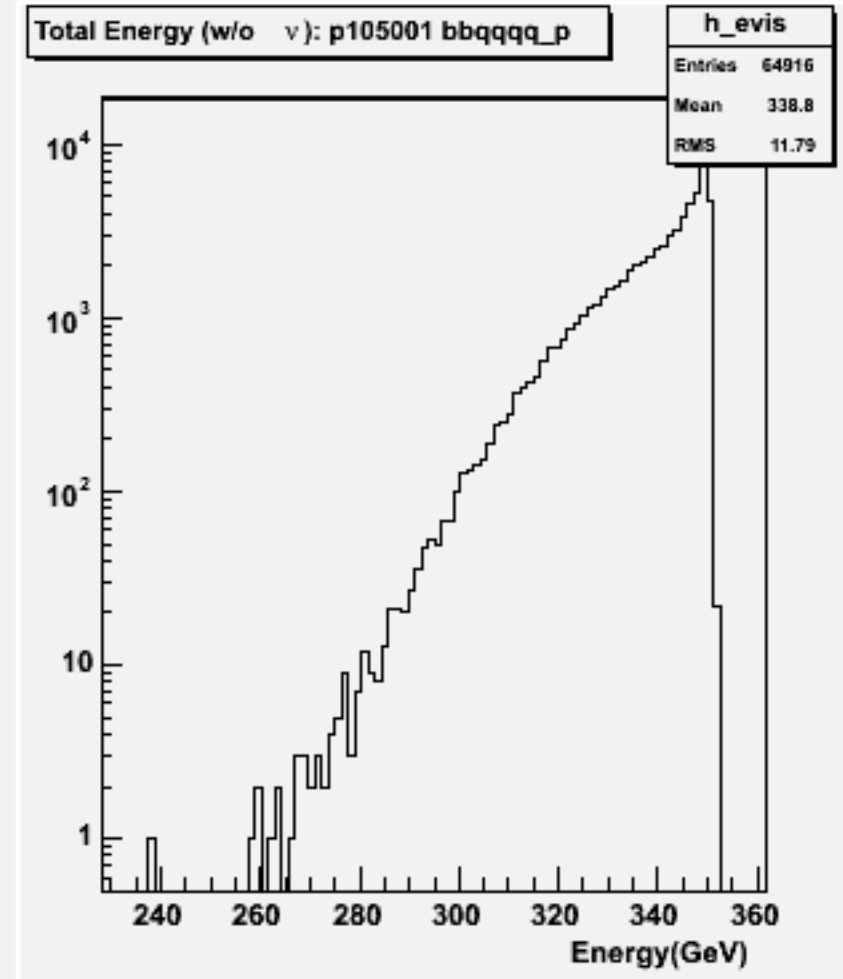
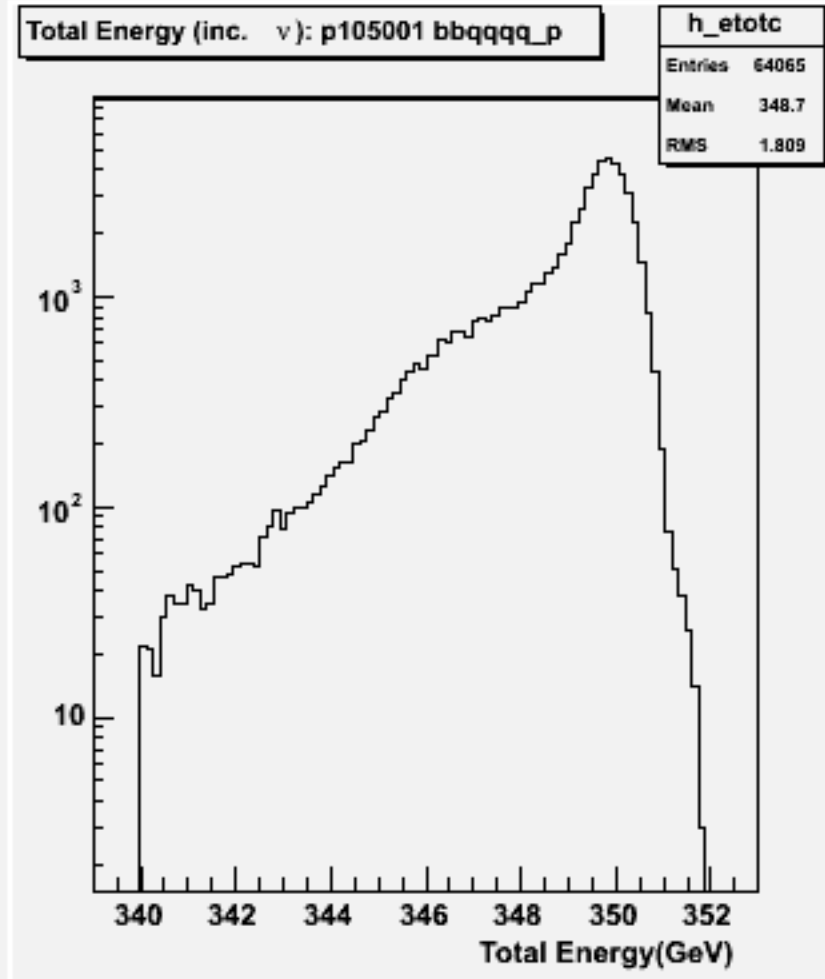
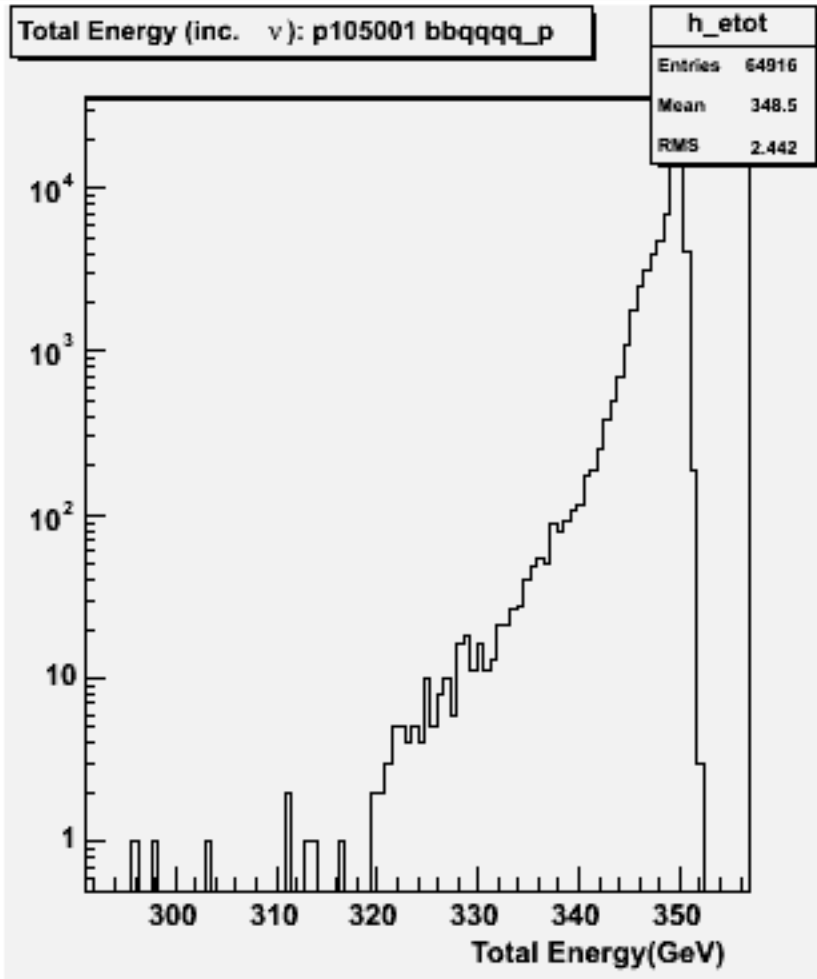
Start point R : p105001 bbqqqq\_p

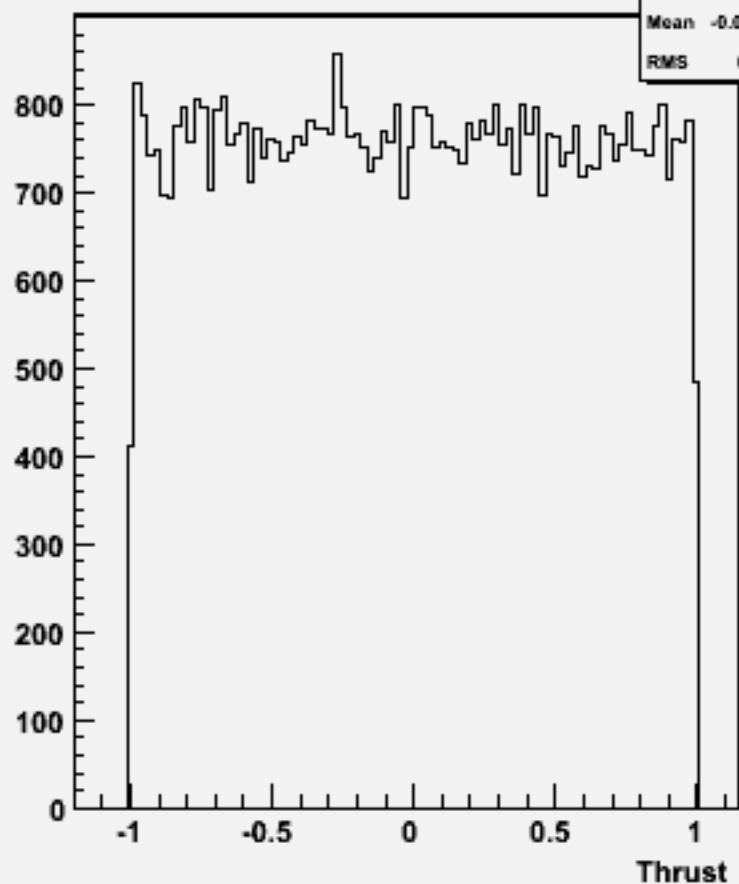


Start point Z : p105001 bbqqqq\_p

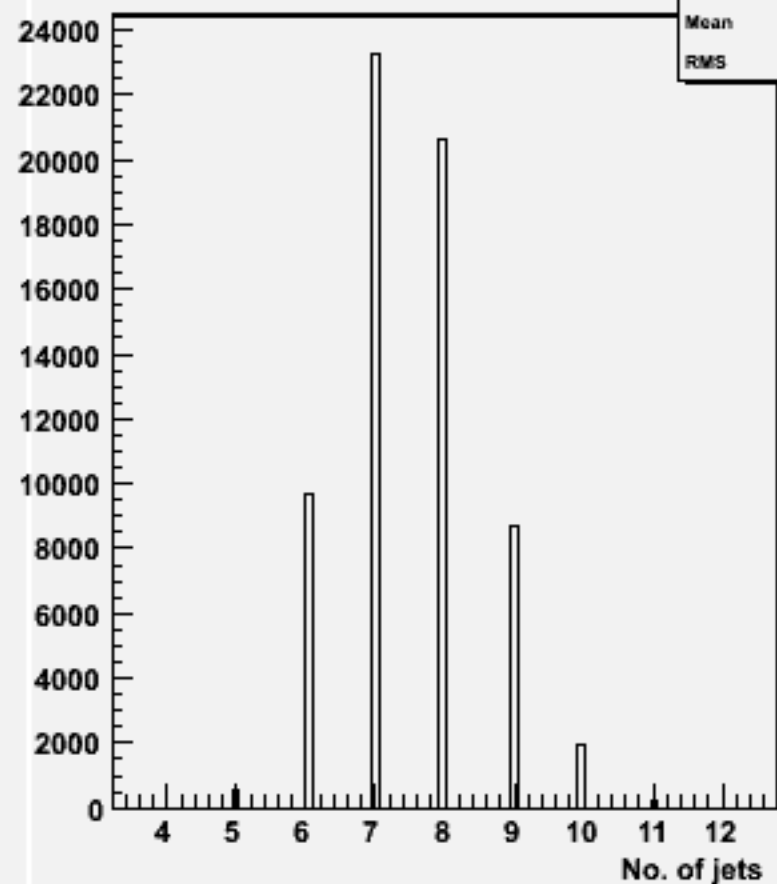




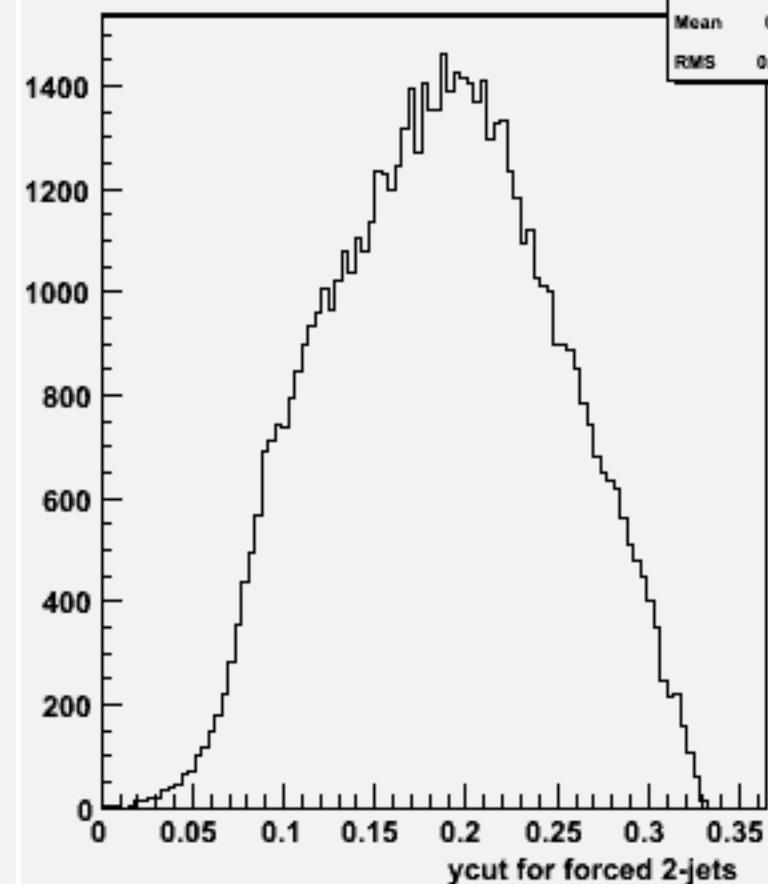


cos $\Theta$ (thrust) p105001 bbqqqq\_p

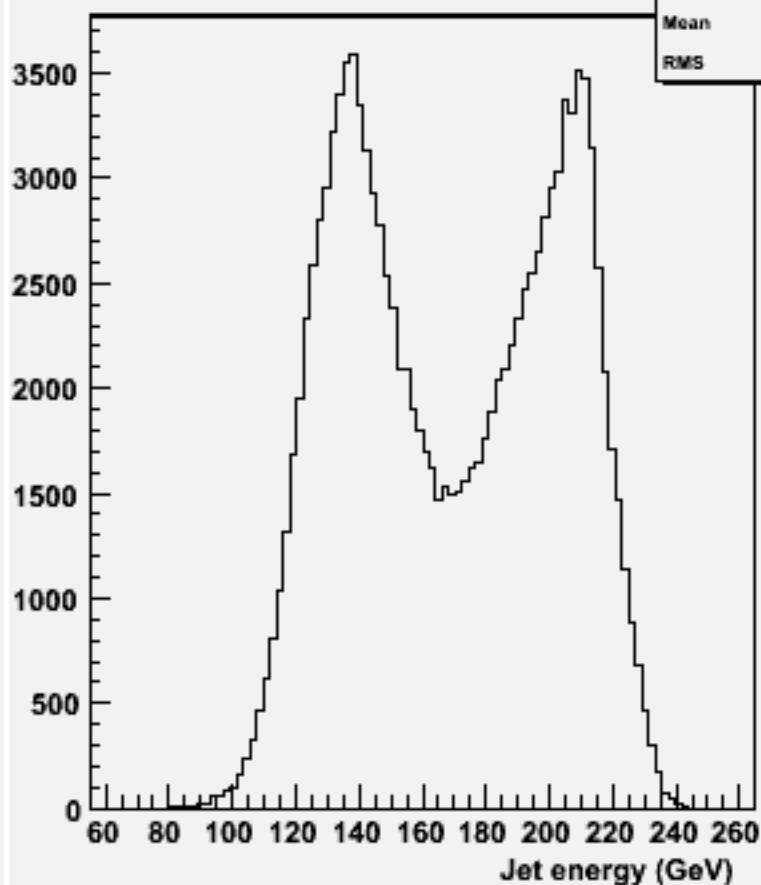
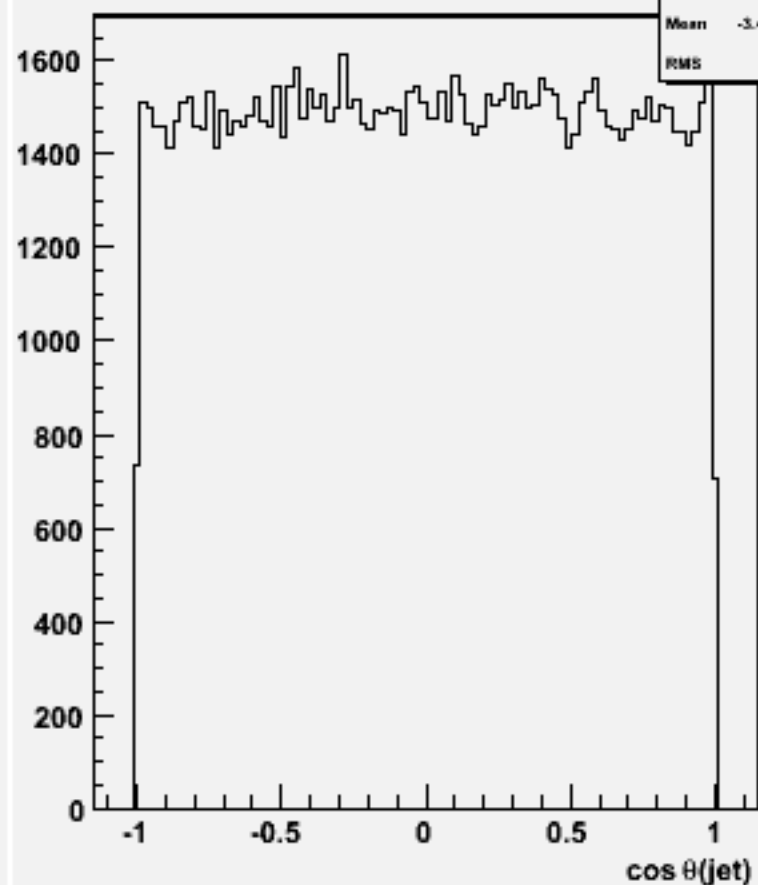
No. jets (ycut=0.001) : p105001 bbqqqq\_p



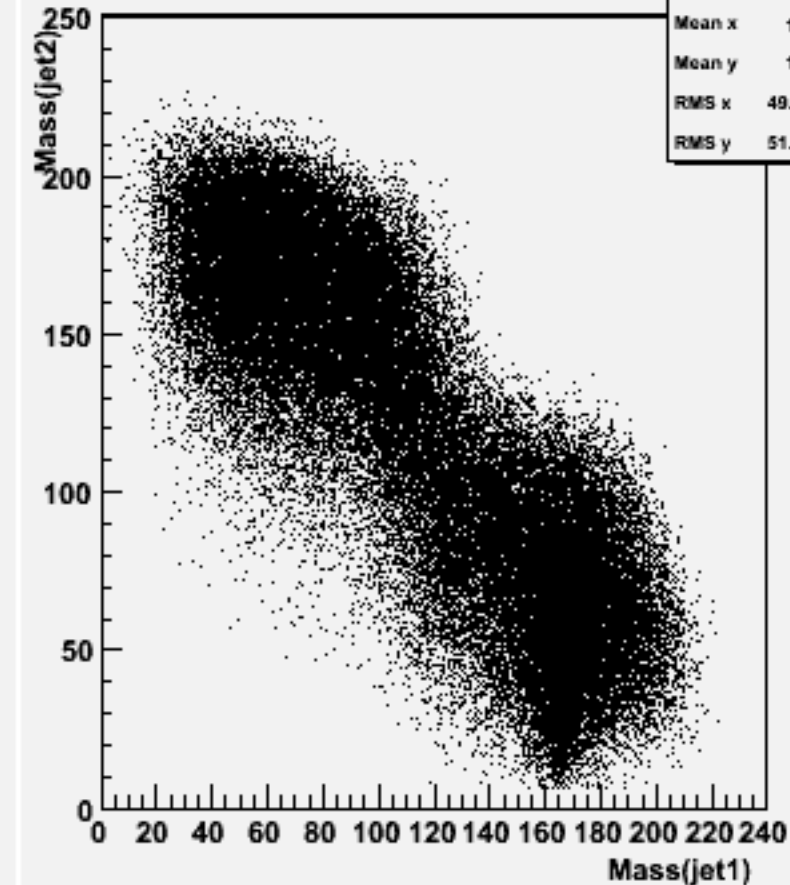
Ycut for 2-jets : p105001 bbqqqq\_p



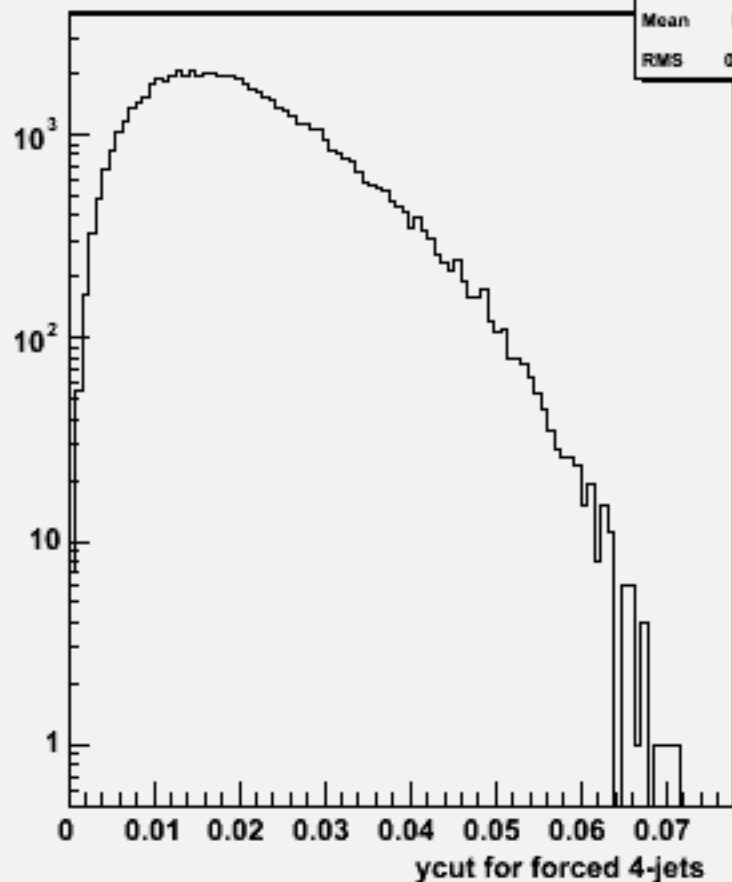
energy for 2-jets : p105001 bbqqqq\_p

cos $\theta$  for 2-jets : p105001 bbqqqq\_p

Jet mass for forced 2-jets : p105001 bbqqqq\_p



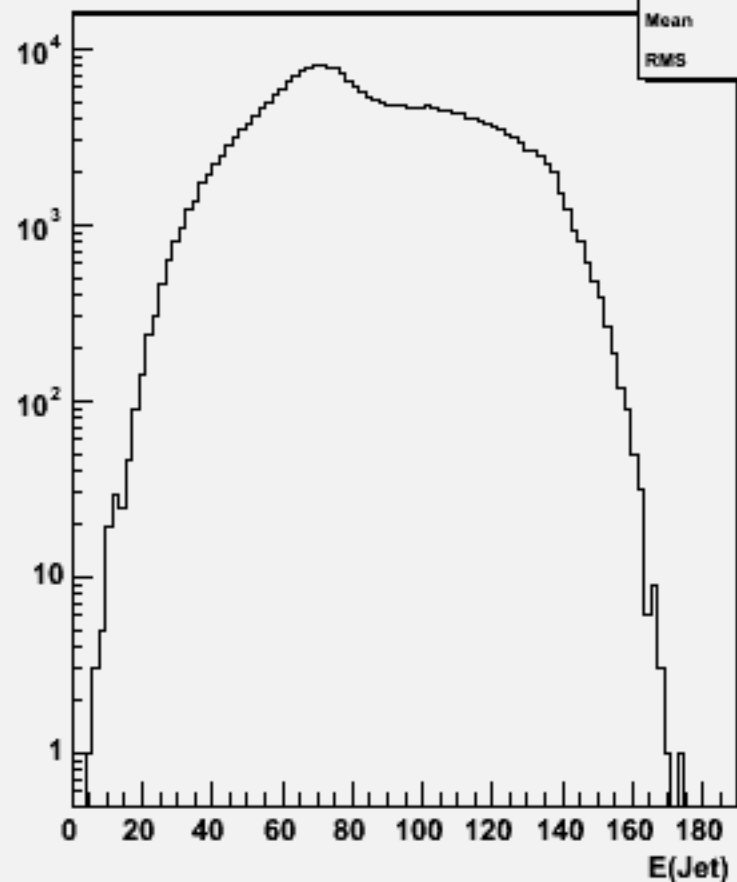
Ycut for 4-jets :p105001 bbqqqq\_p



h\_yc4j

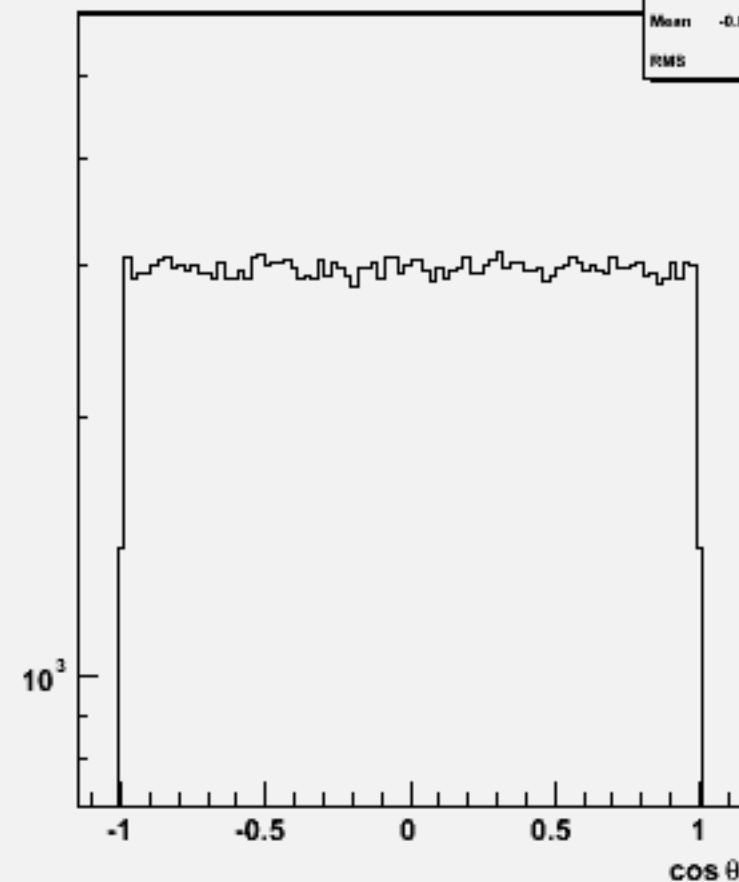
|         |         |
|---------|---------|
| Entries | 64916   |
| Mean    | 0.0205  |
| RMS     | 0.01083 |

Jet energies(All jets)p105001 bbqqqq\_p



ha\_j0e

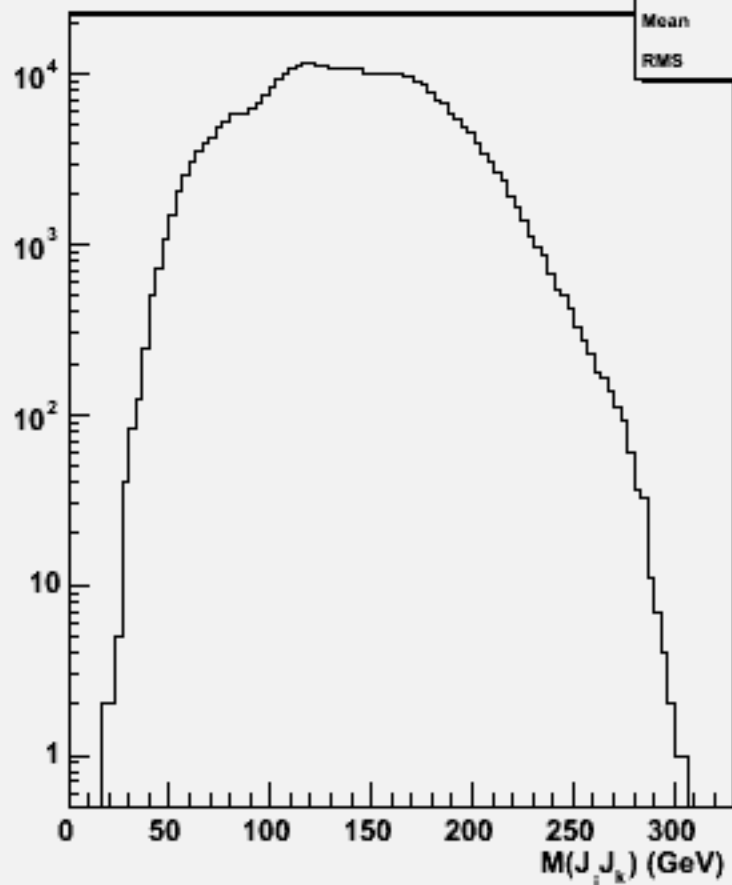
|         |        |
|---------|--------|
| Entries | 259664 |
| Mean    | 84.69  |
| RMS     | 27.88  |

Jet cos  $\theta$  (All jets)p105001 bbqqqq\_p

ha\_j0cs

|         |           |
|---------|-----------|
| Entries | 259664    |
| Mean    | -0.001072 |
| RMS     | 0.577     |

2jets mass(All comb)p105001 bbqqqq\_p



ha\_m01

|         |        |
|---------|--------|
| Entries | 389496 |
| Mean    | 138.1  |
| RMS     | 42.26  |