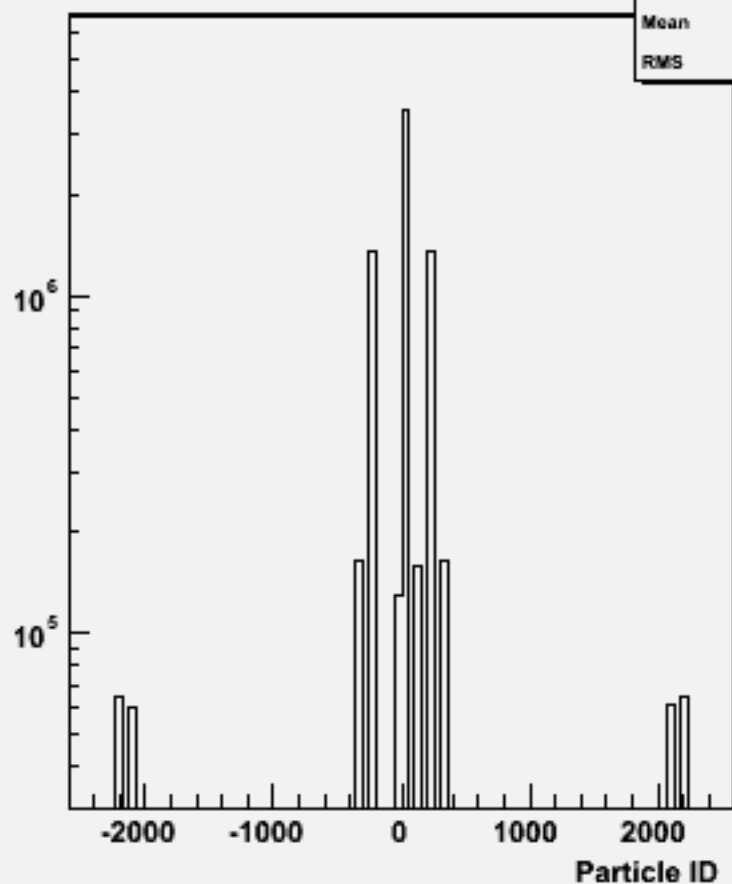


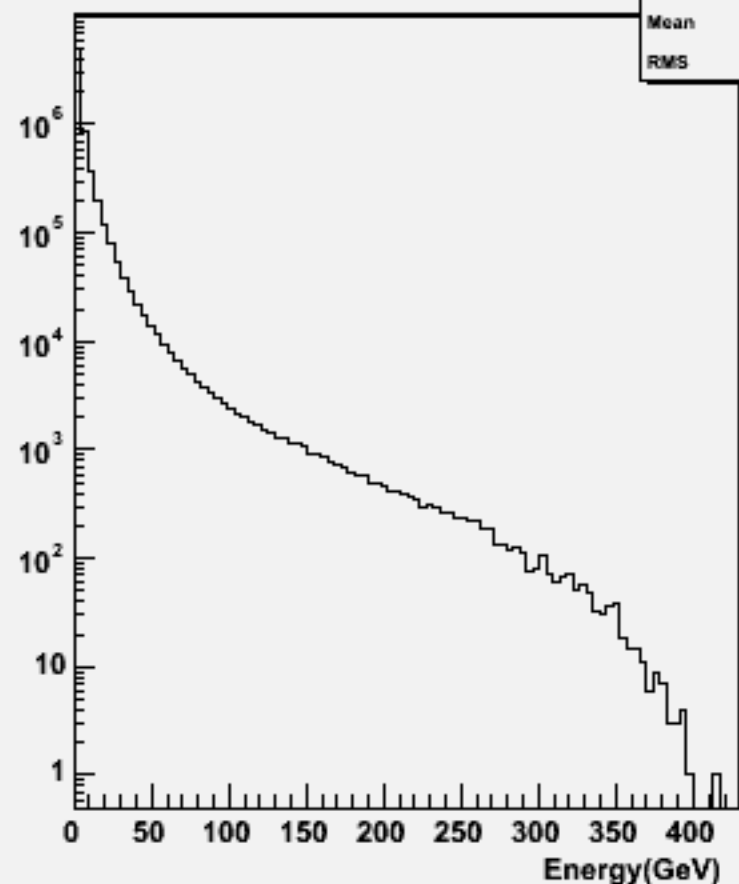
# Generator file information: p106112 physsim-tth-all\_all

process\_id=106112  
job\_date\_time=110829-171709-GMT+0900  
process\_name=physsim-tth-all\_all  
process\_type=physsim-tth-all\_all  
CM\_energy\_in\_GeV=1000.0000  
program\_name\_version=physsim\_110706  
pythia\_version=6.422  
stdhep\_version=5-06-01  
OS\_version\_build=2.6.18-164.el5;x86\_64/GNU/Linux  
OS\_version\_run=2.6.18-164.el5;x86\_64/GNU/Linux  
libc\_version=glibc-2.5-58.el5\_6.2.x86\_64  
fortran\_version=gfortran-4.4.0.20090414  
hadronisation\_tune=OPAL  
tau\_decay=tauola  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=1  
polarization2=-1  
luminosity=17885.7686747678  
cross\_section\_in\_fb=2.79468  
cross\_section\_error\_in\_fb=0.000767713  
lumi\_file=/nfs/g/ilc/soft/utils64/energy\_spread/lumi\_linker\_012  
file\_type=stdhep  
total\_number\_of\_events=49985  
number\_of\_files=2  
file\_names=p106112\_01.stdhep;p106112\_02.stdhep  
number\_of\_events\_in\_files=49985  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/1000  
logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000/run\_output/p106112

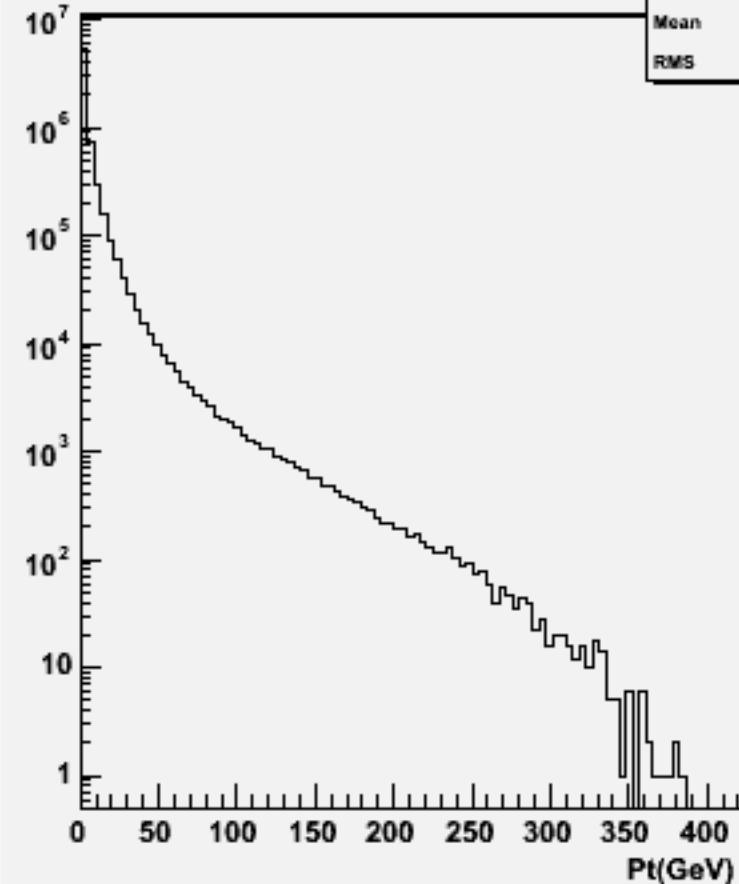
Particle ID : p106112 physsim-tth-all\_all



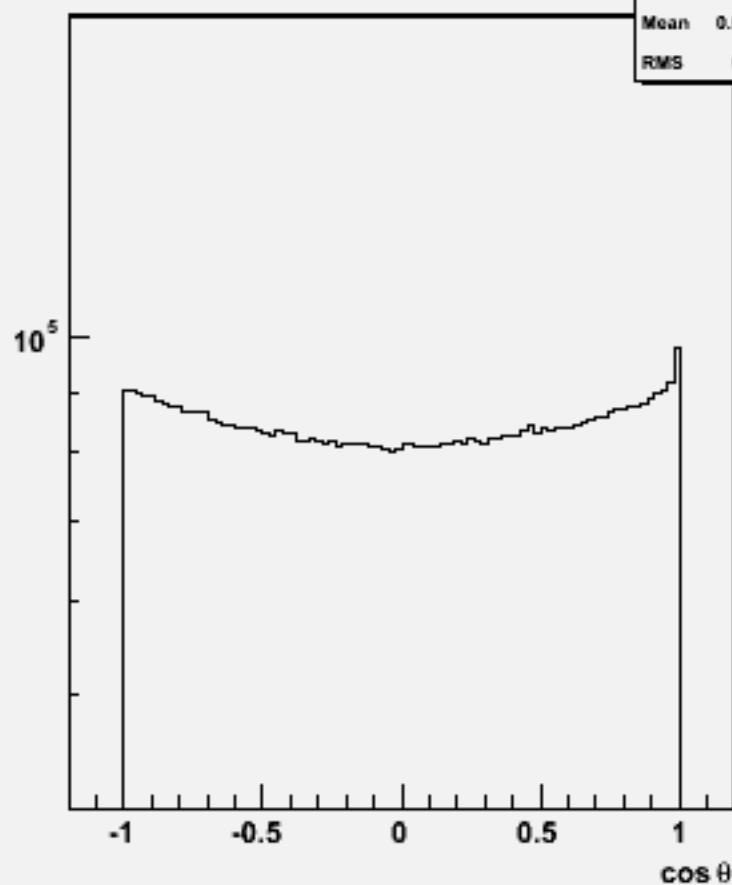
Particle Energy : p106112 physsim-tth-all\_all



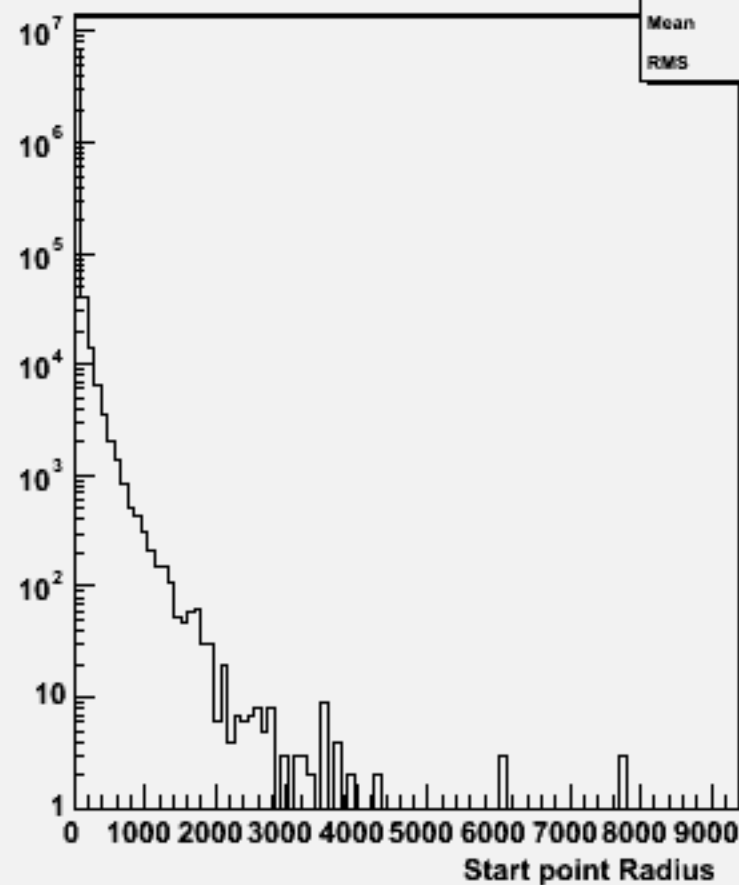
Particle Pt : p106112 physsim-tth-all\_all



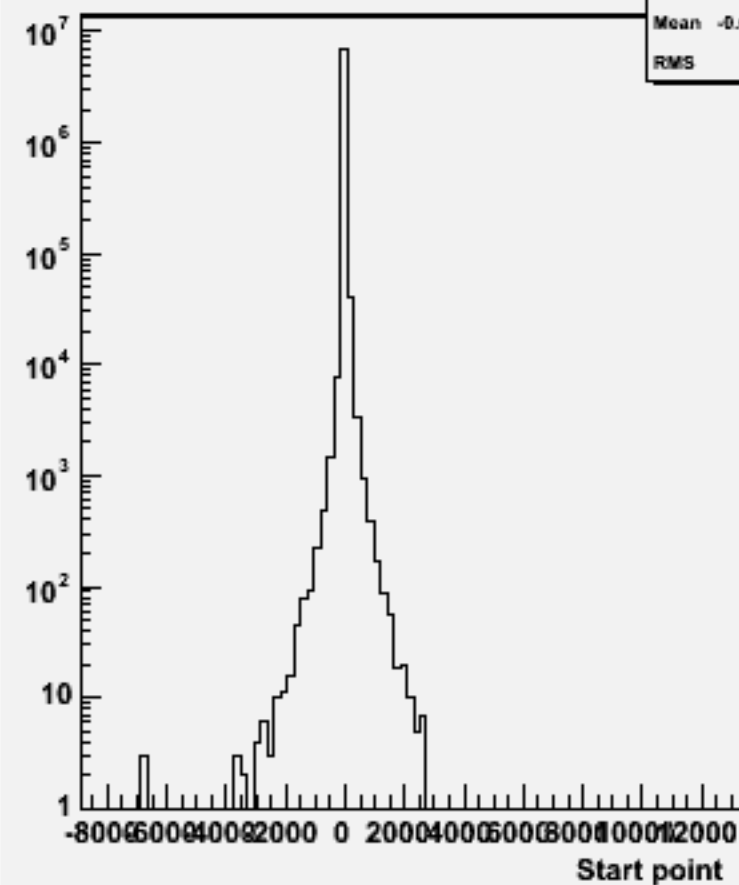
Particle cosθ : p106112 physsim-tth-all\_all

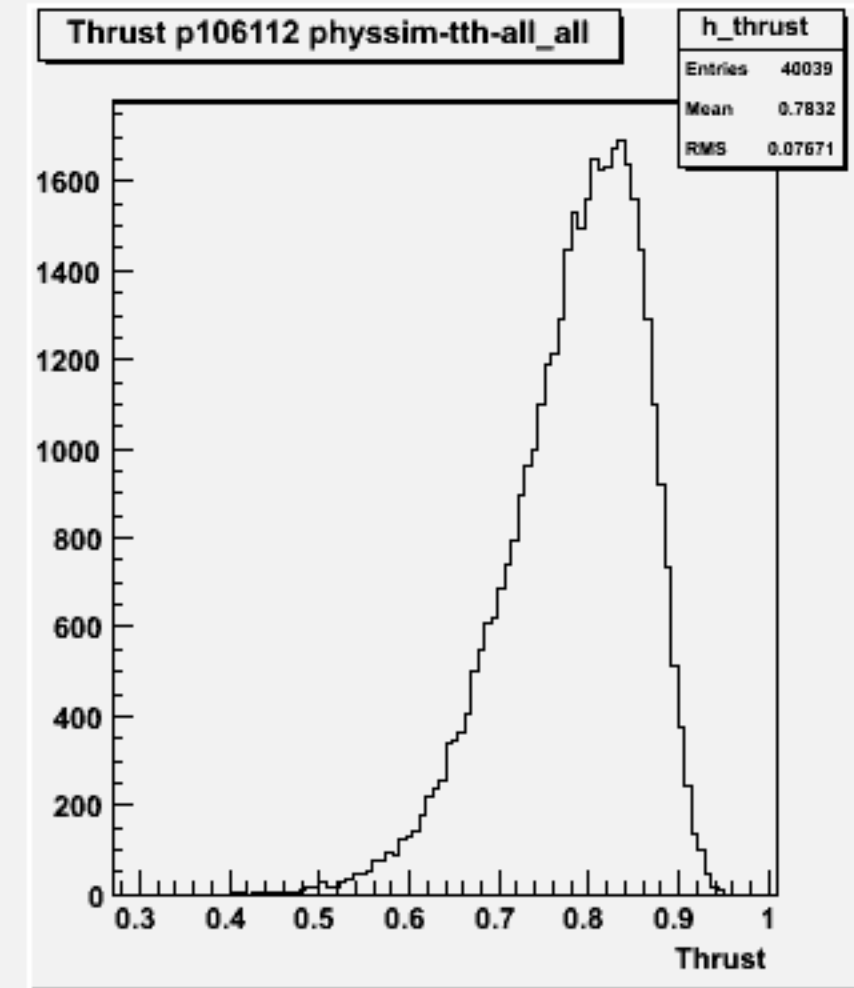
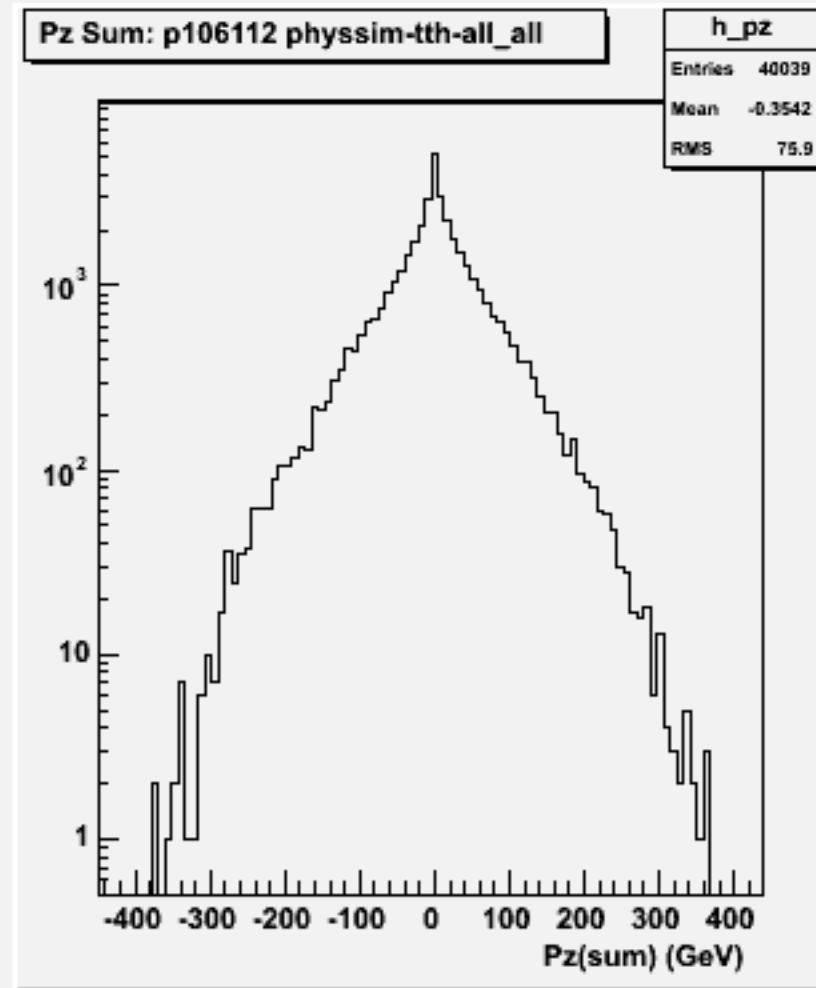
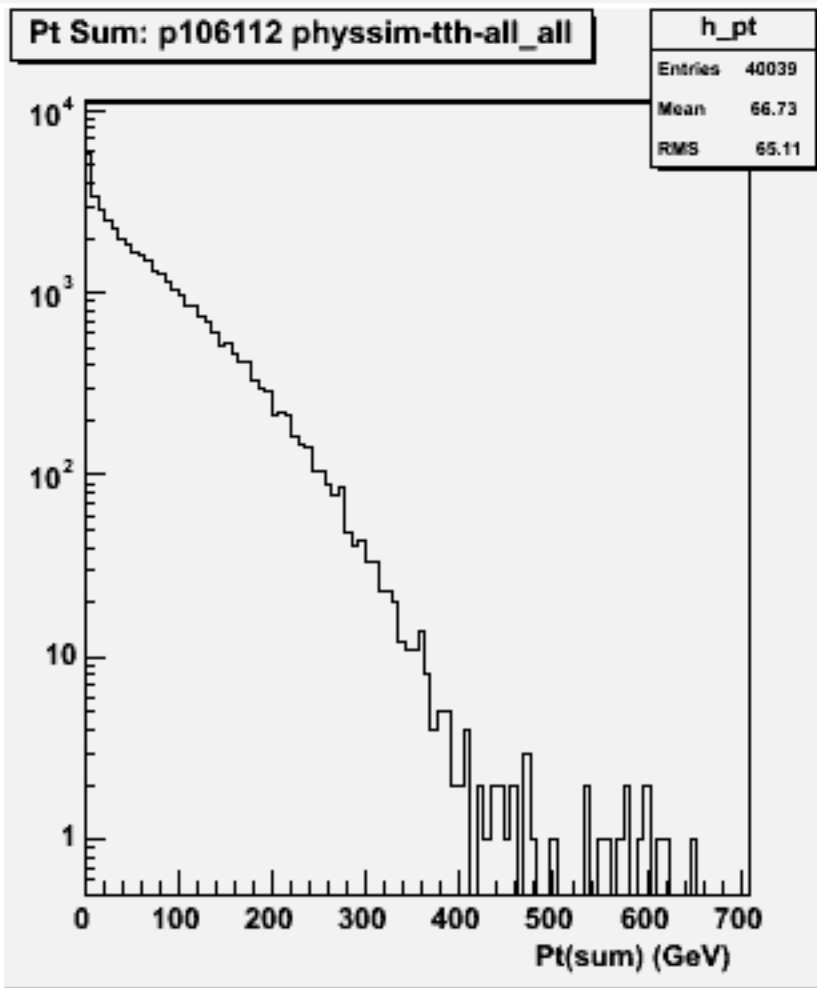
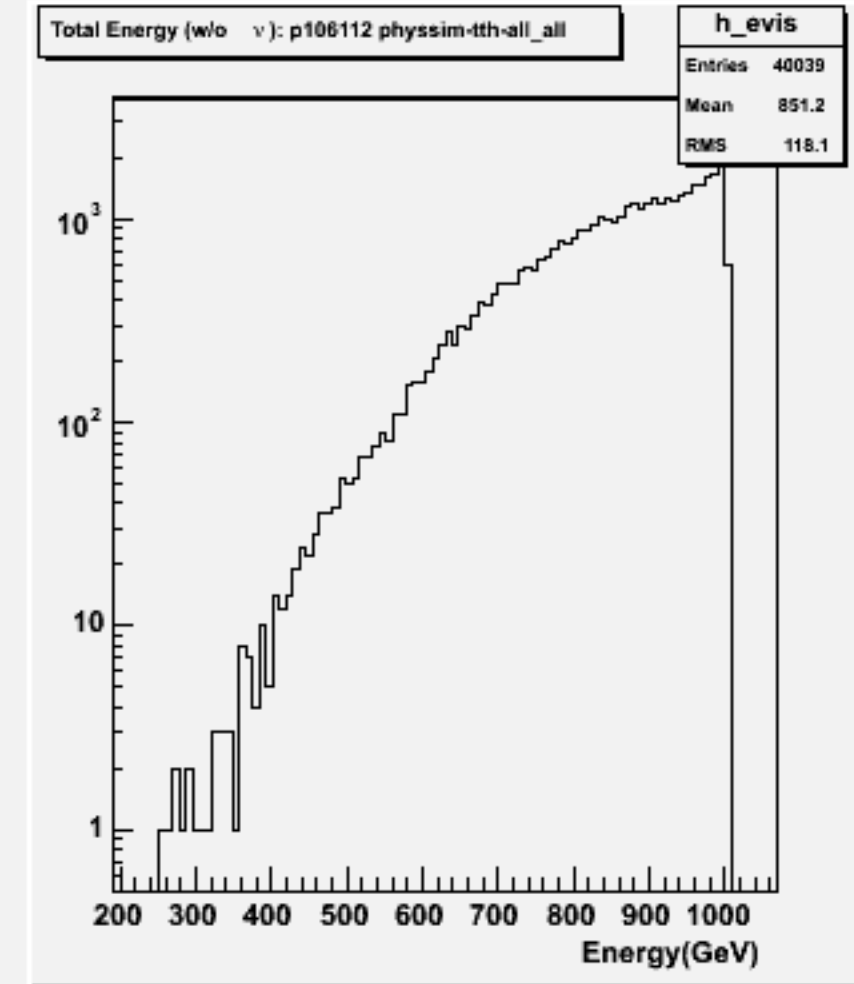
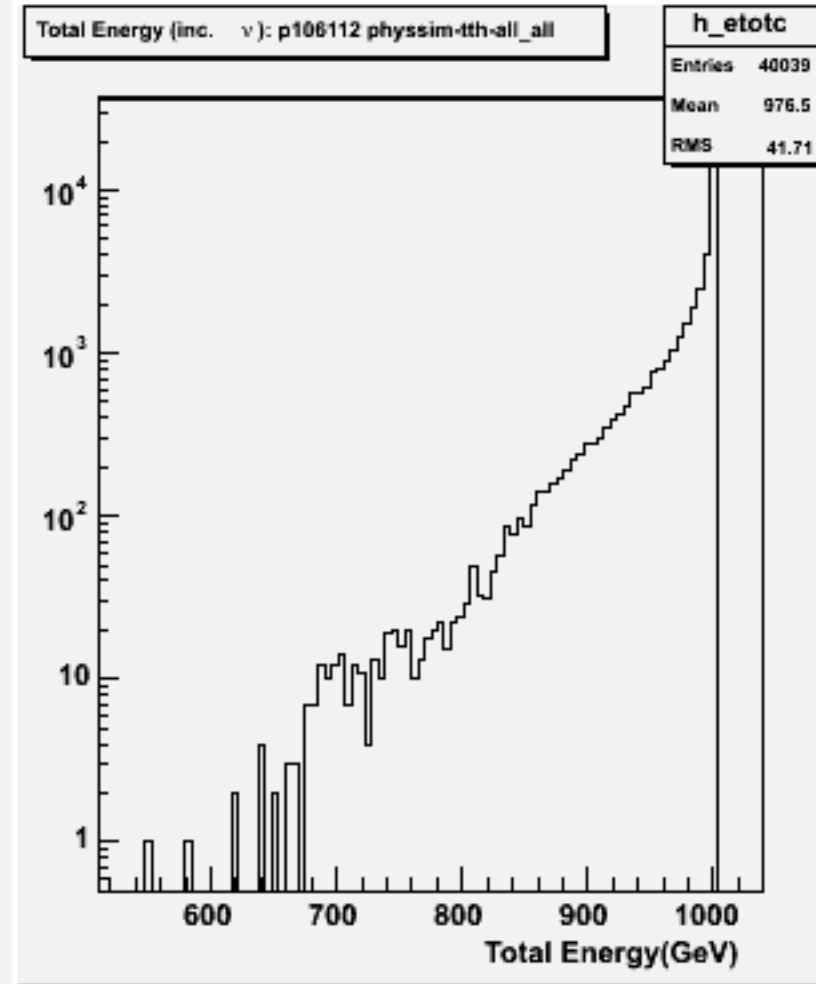
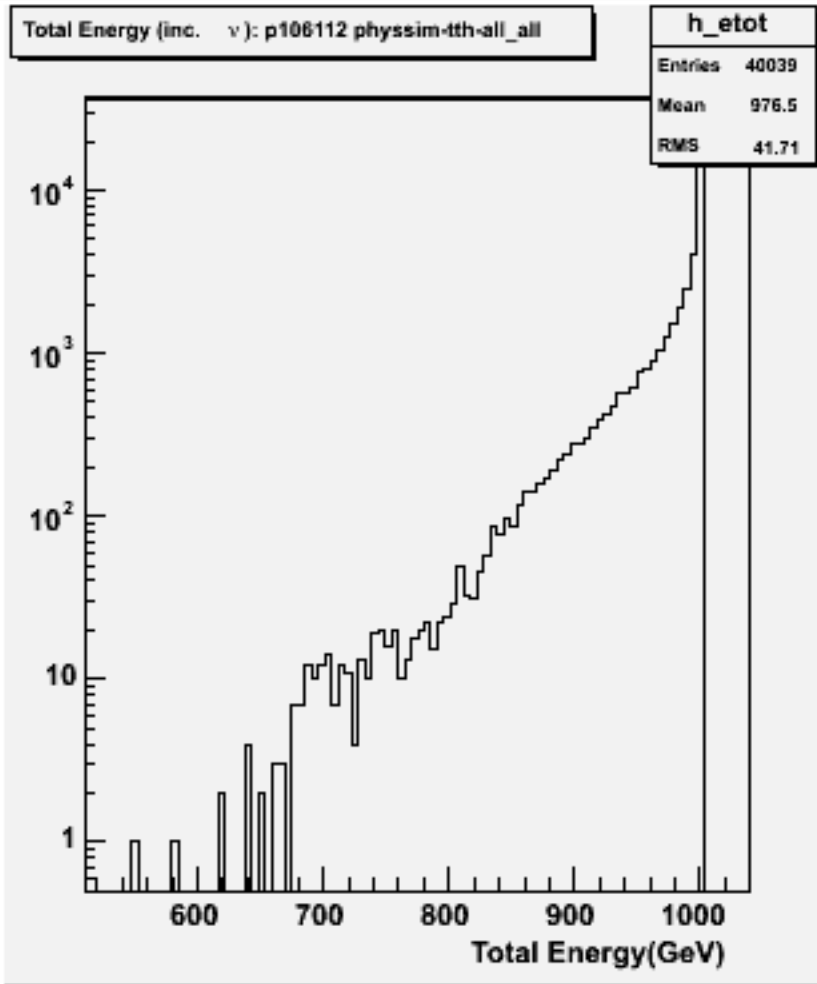


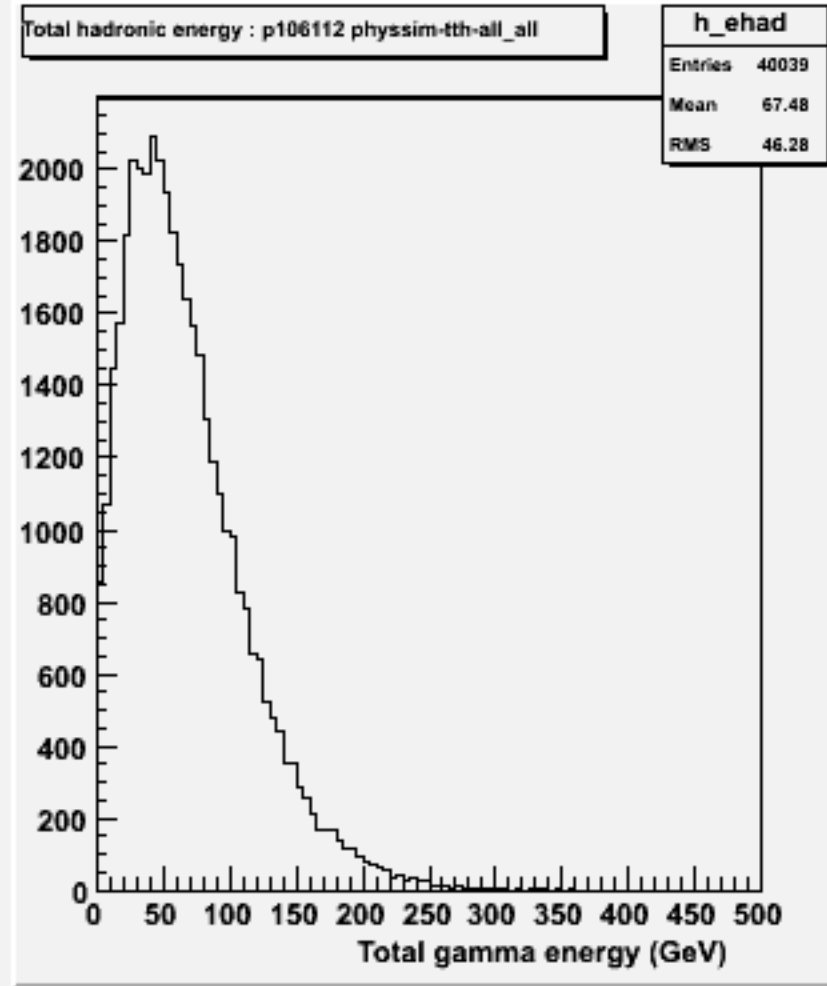
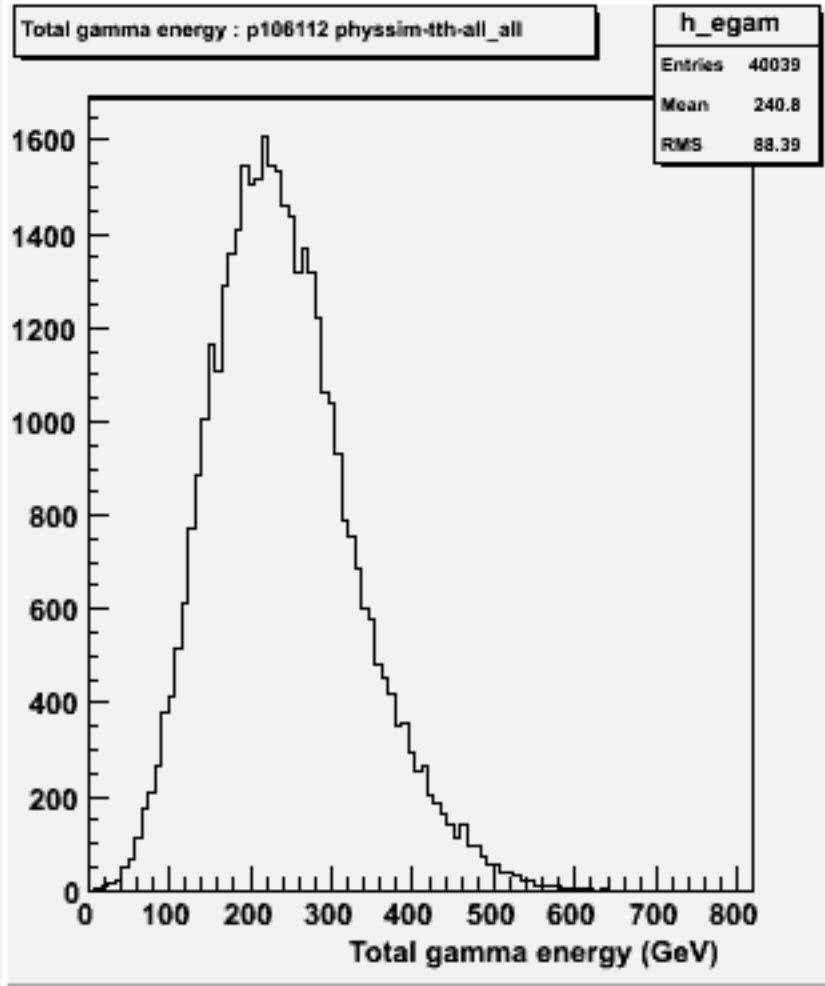
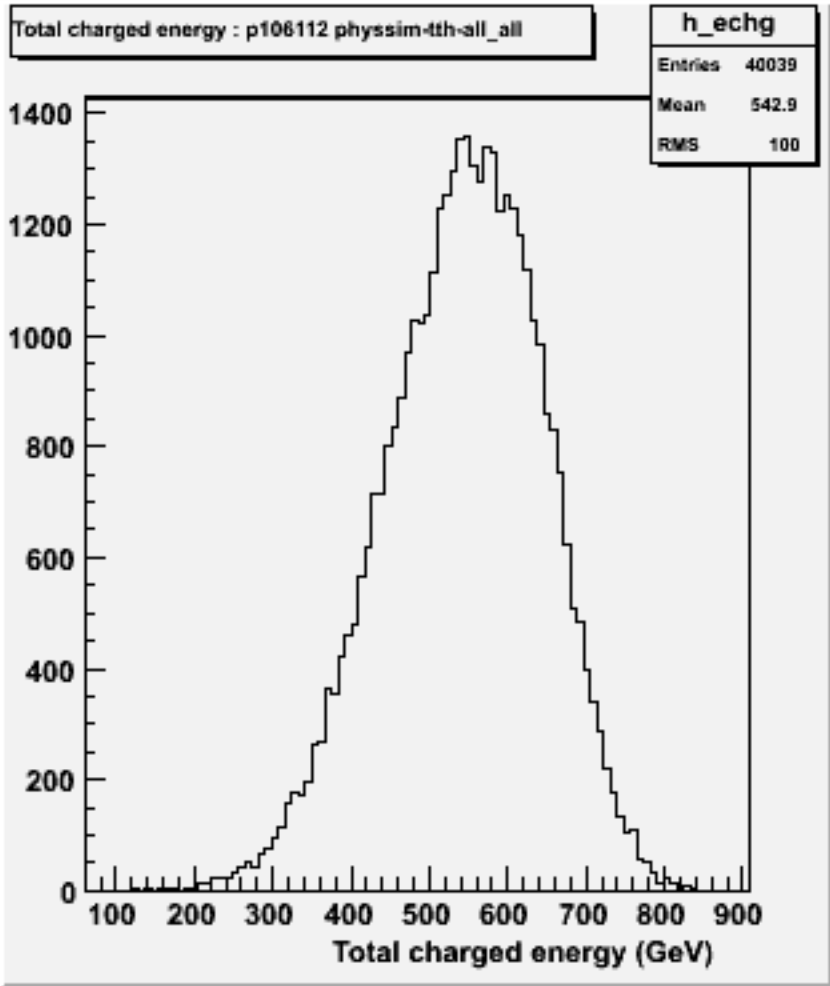
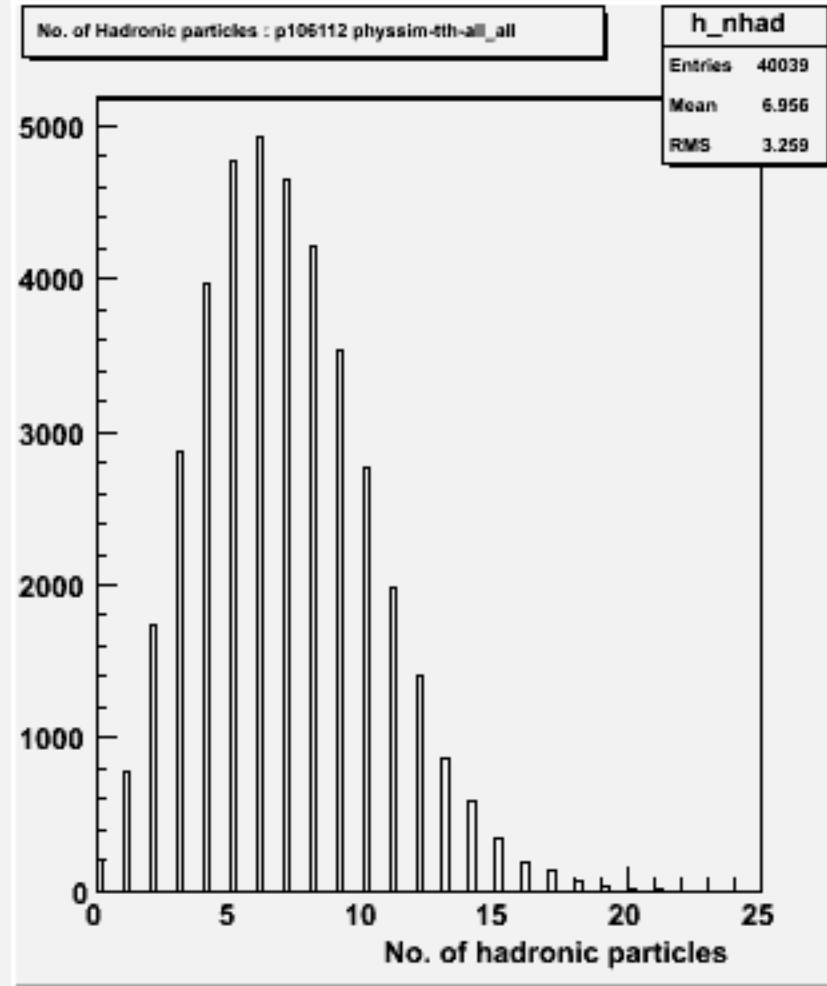
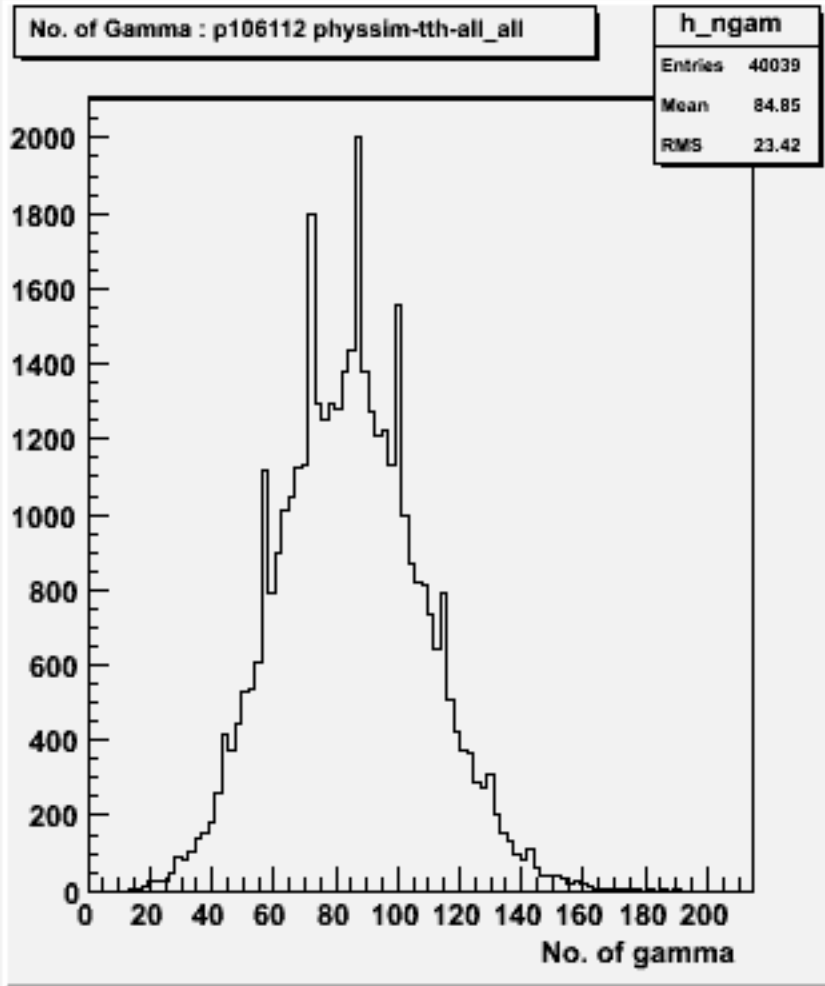
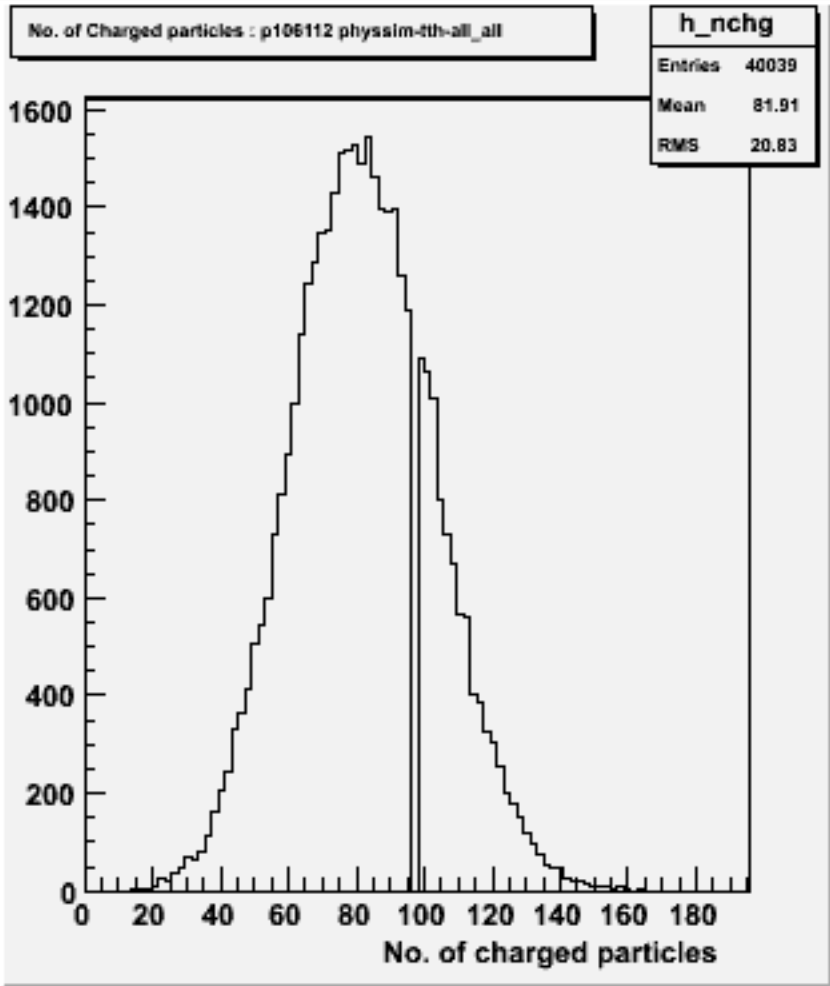
Start point R : p106112 physsim-tth-all\_all

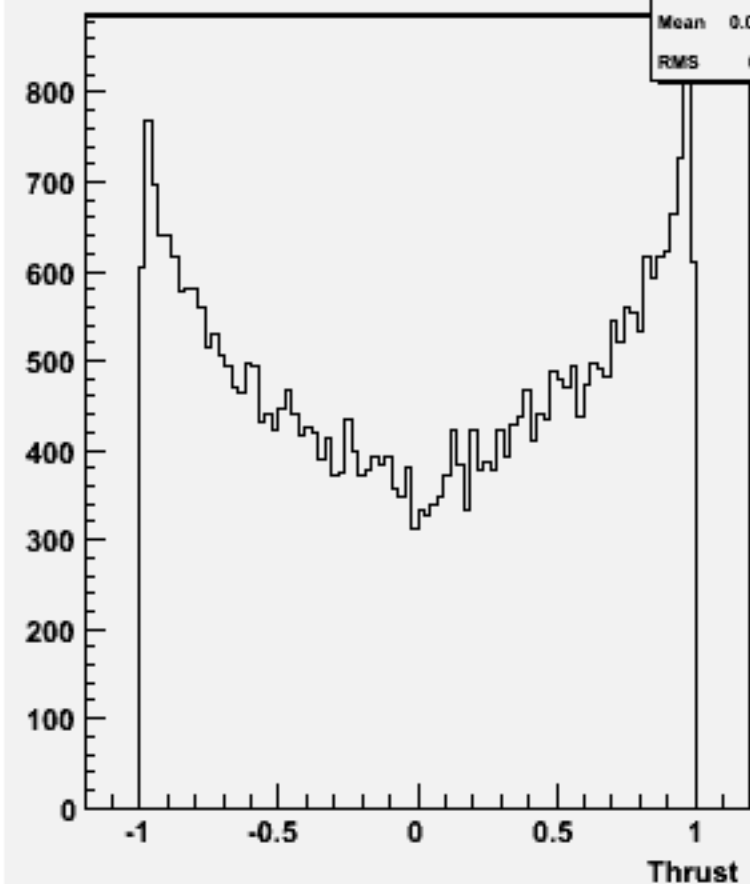


Start point Z : p106112 physsim-tth-all\_all



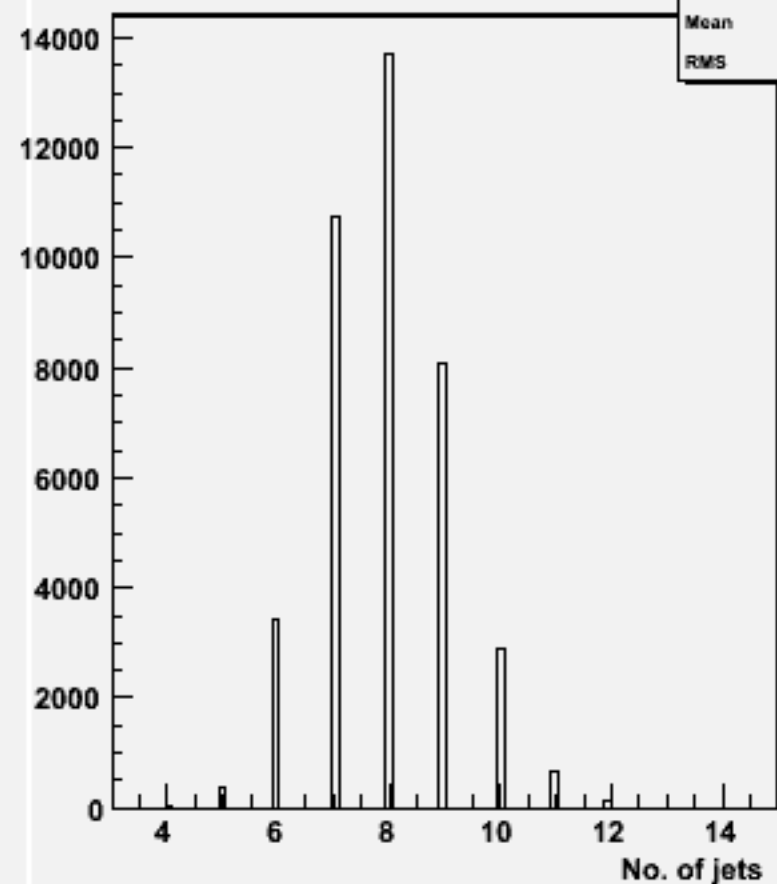




cos  $\Theta$ (thrust) p106112 physsim-tth-all\_all

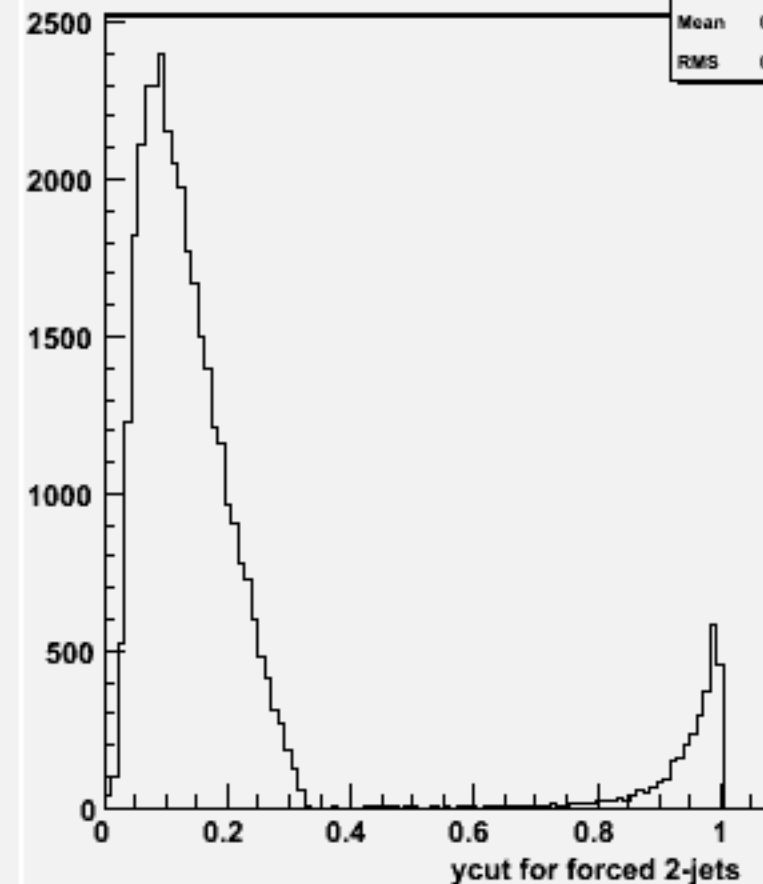
Thrust

No. jets (ycut=0.001) : p106112 physsim-tth-all\_all



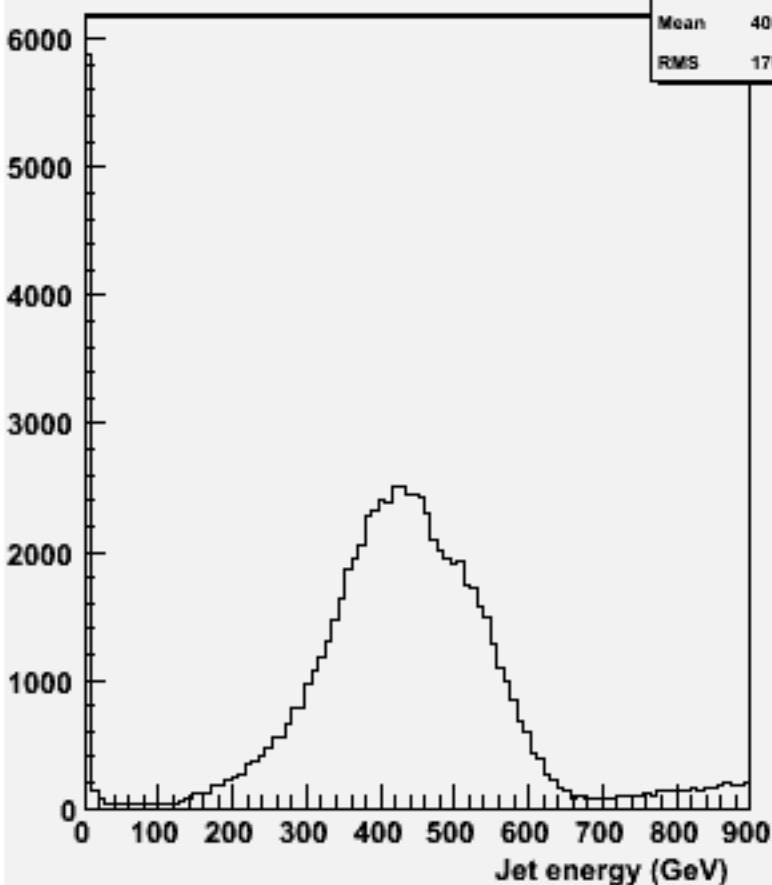
No. of jets

Ycut for 2-jets : p106112 physsim-tth-all\_all

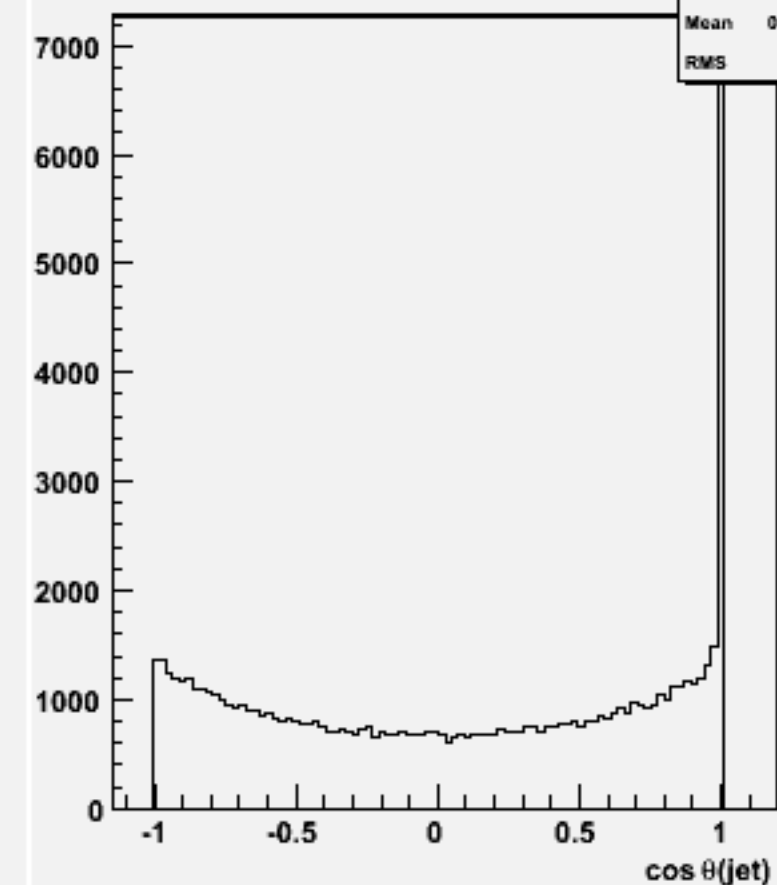


ycut for forced 2-jets

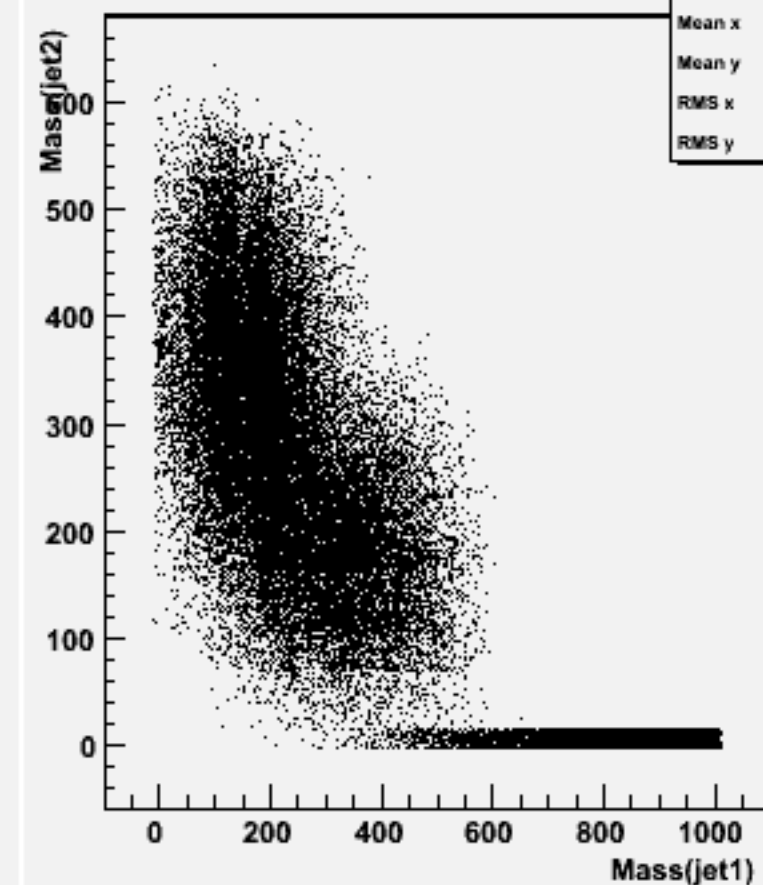
energy for 2-jets : p106112 physsim-tth-all\_all



Jet energy (GeV)

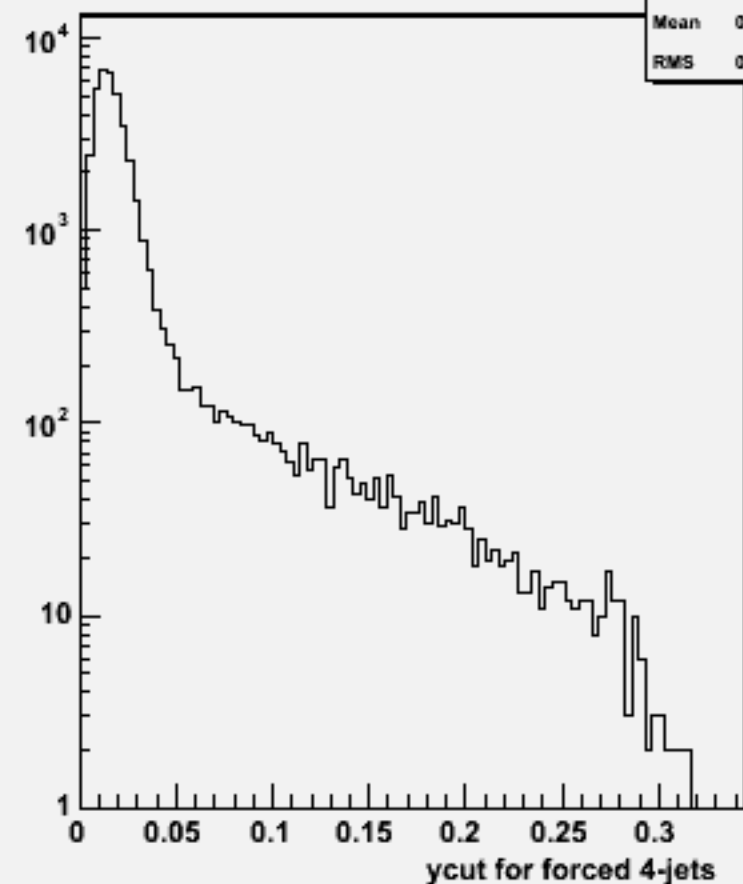
cos  $\Theta$  for 2-jets : p106112 physsim-tth-all\_allcos  $\Theta$ (jet)

Jet mass for forced 2-jets : p106112 physsim-tth-all\_all



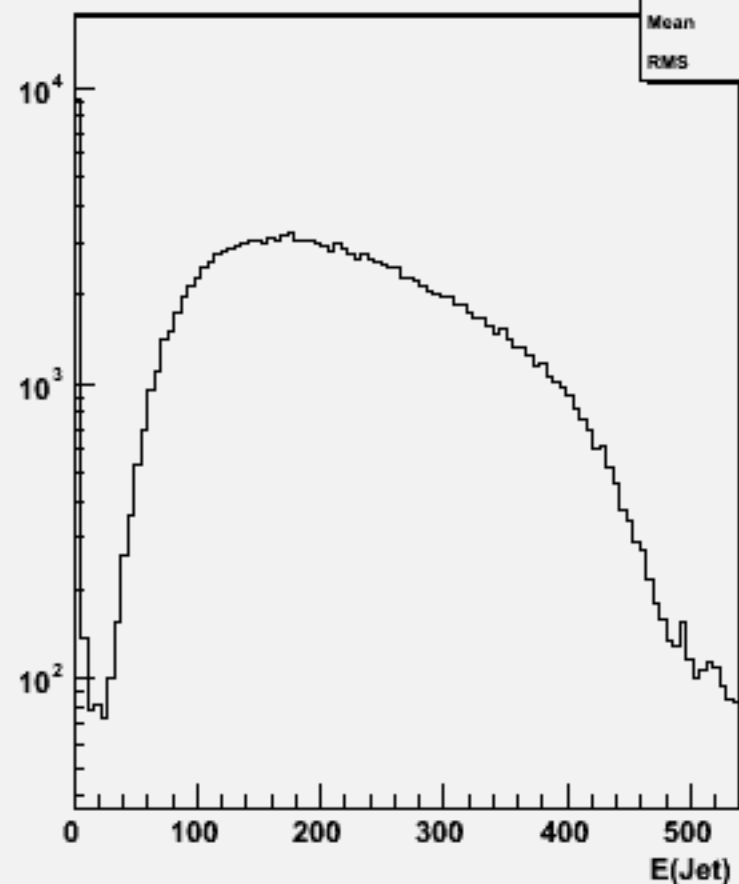
Mass(jet1)

Ycut for 4-jets :p106112 physsim-tth-all\_all

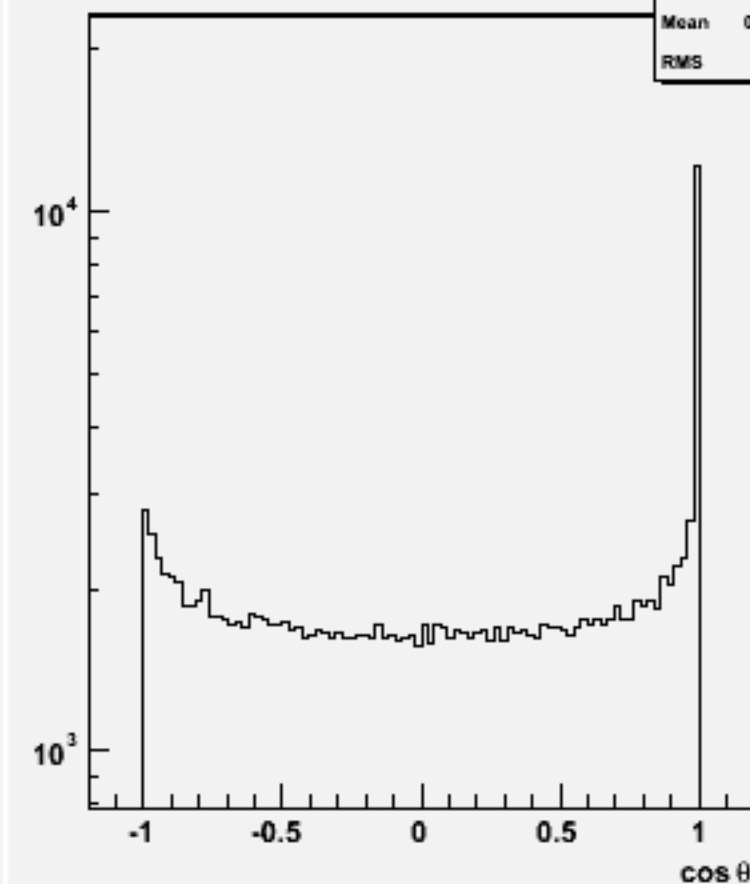


| h_yc4j  |         |
|---------|---------|
| Entries | 40039   |
| Mean    | 0.02581 |
| RMS     | 0.03491 |

Jet energies(All jets)p106112 physsim-tth-all\_all

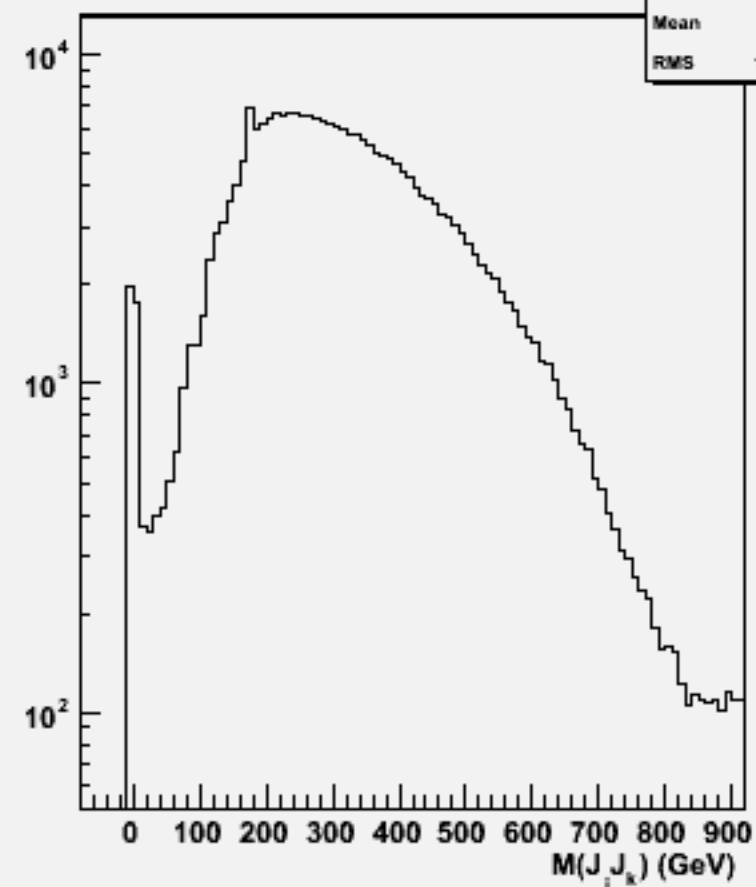


| ha_j0e  |        |
|---------|--------|
| Entries | 160156 |
| Mean    | 211.2  |
| RMS     | 110.7  |

Jet cos  $\theta$  (All jets)p106112 physsim-tth-all\_all

| ha_j0cs |         |
|---------|---------|
| Entries | 160156  |
| Mean    | 0.05908 |
| RMS     | 0.6385  |

2jets mass(All comb)p106112 physsim-tth-all\_all



| ha_m01  |        |
|---------|--------|
| Entries | 240234 |
| Mean    | 326    |
| RMS     | 155.5  |