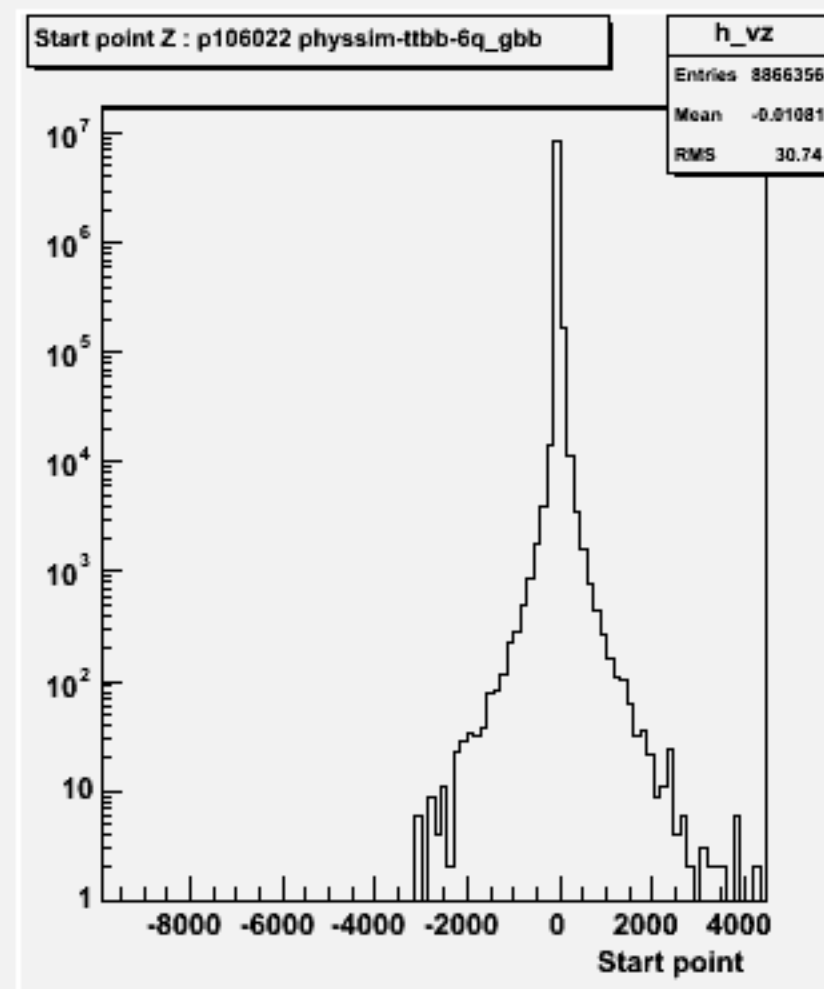
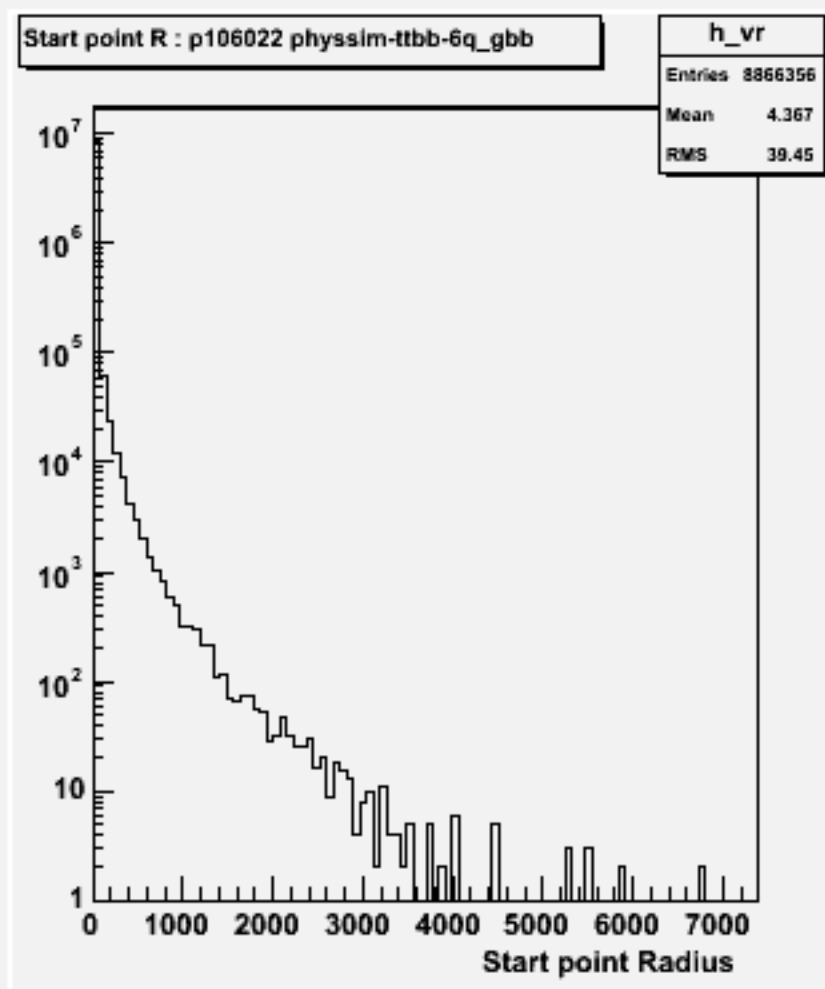
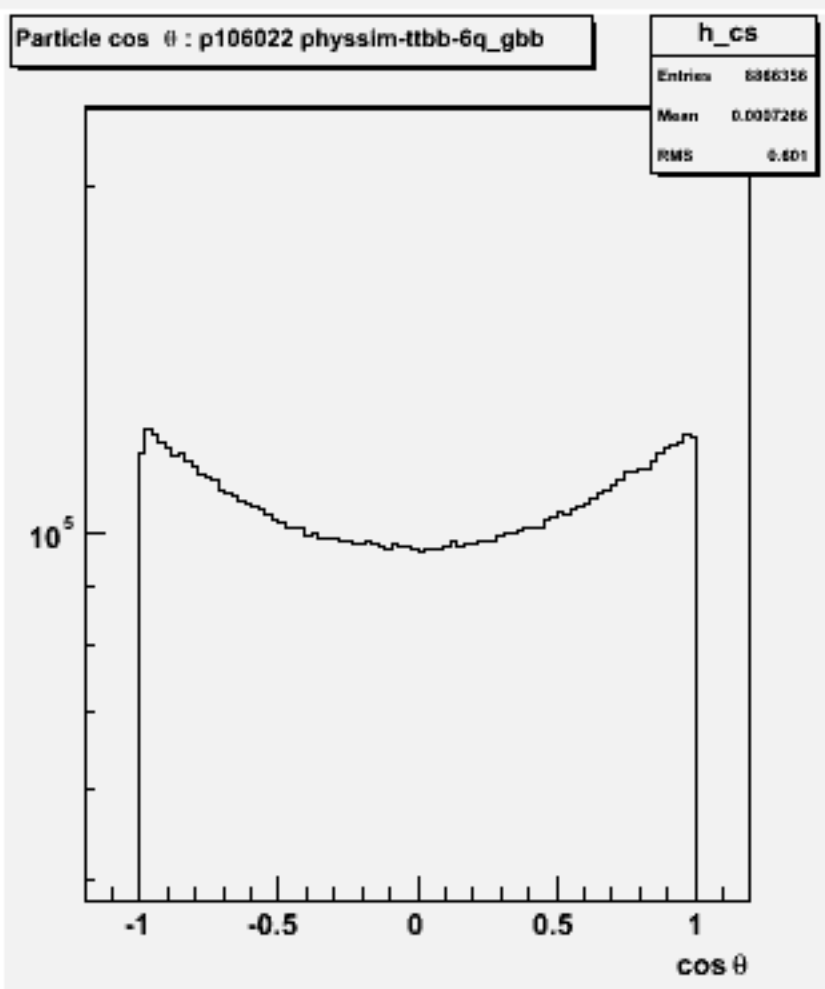
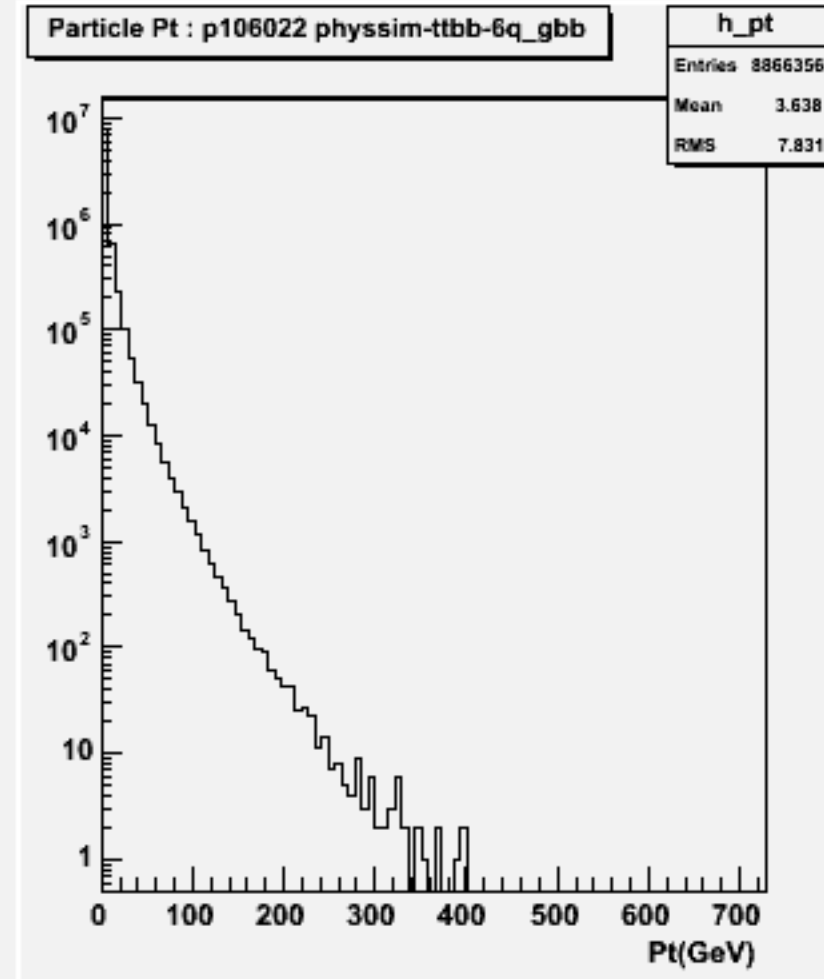
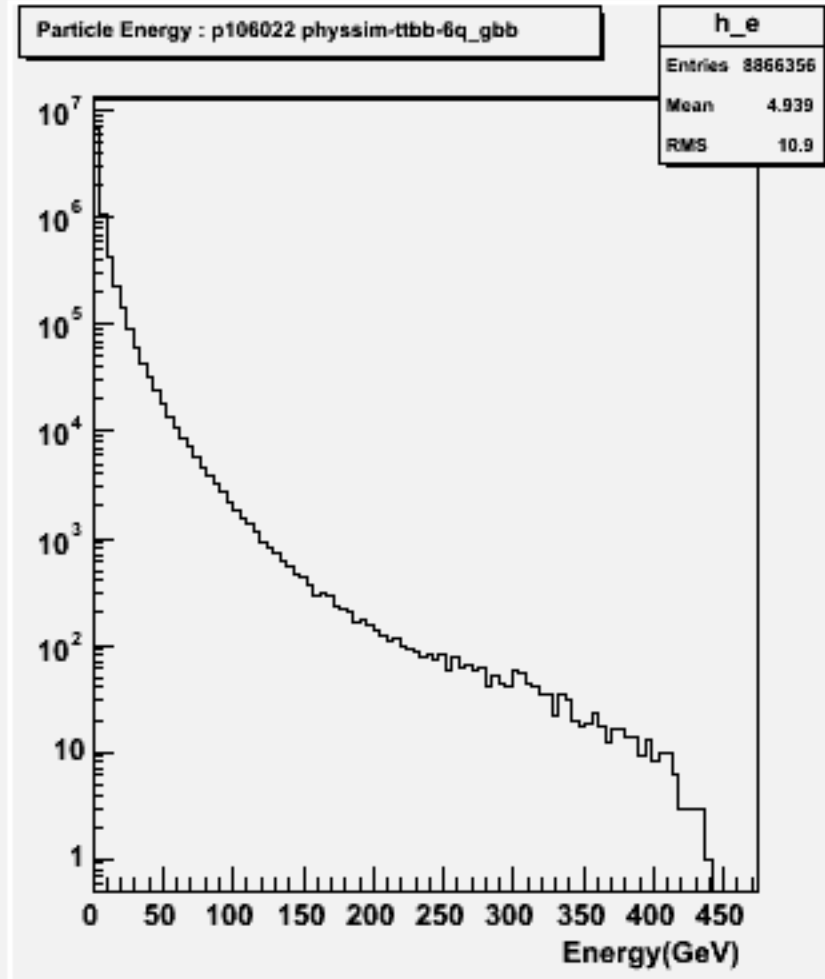
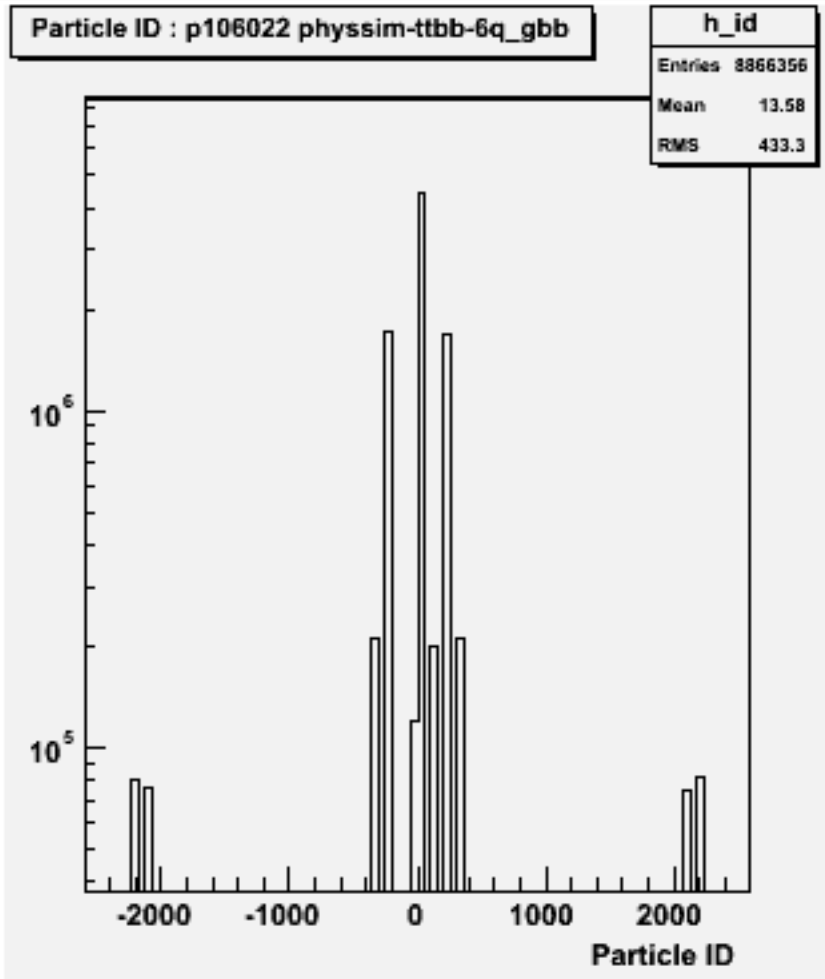
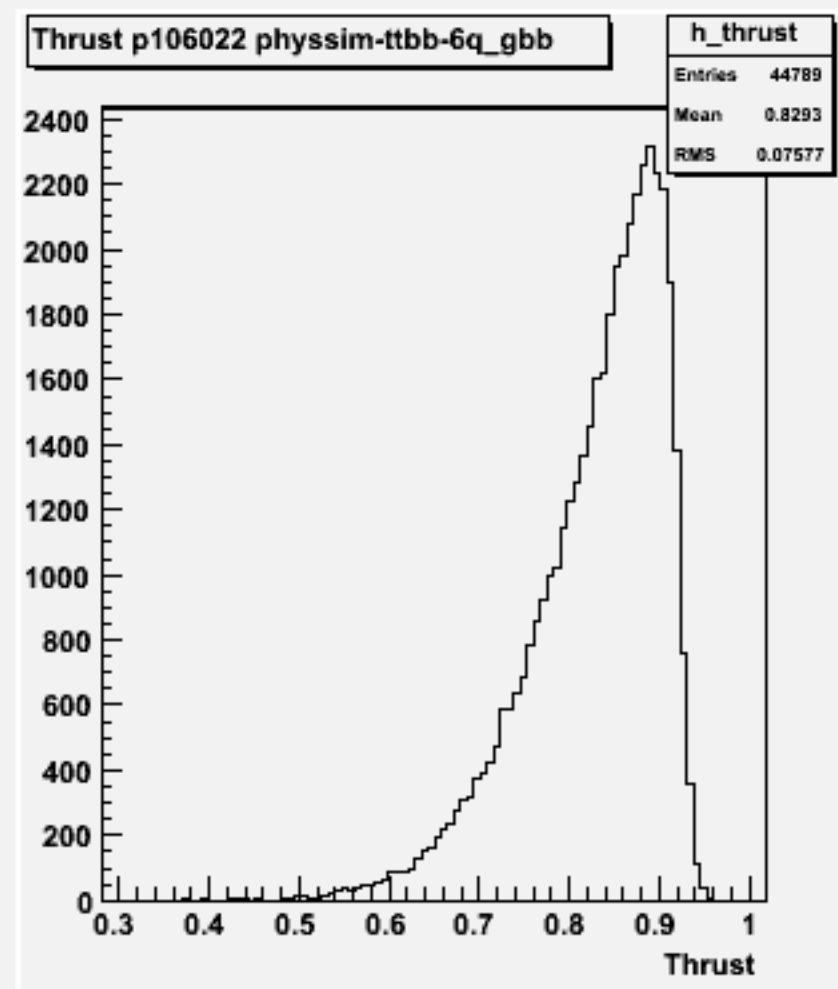
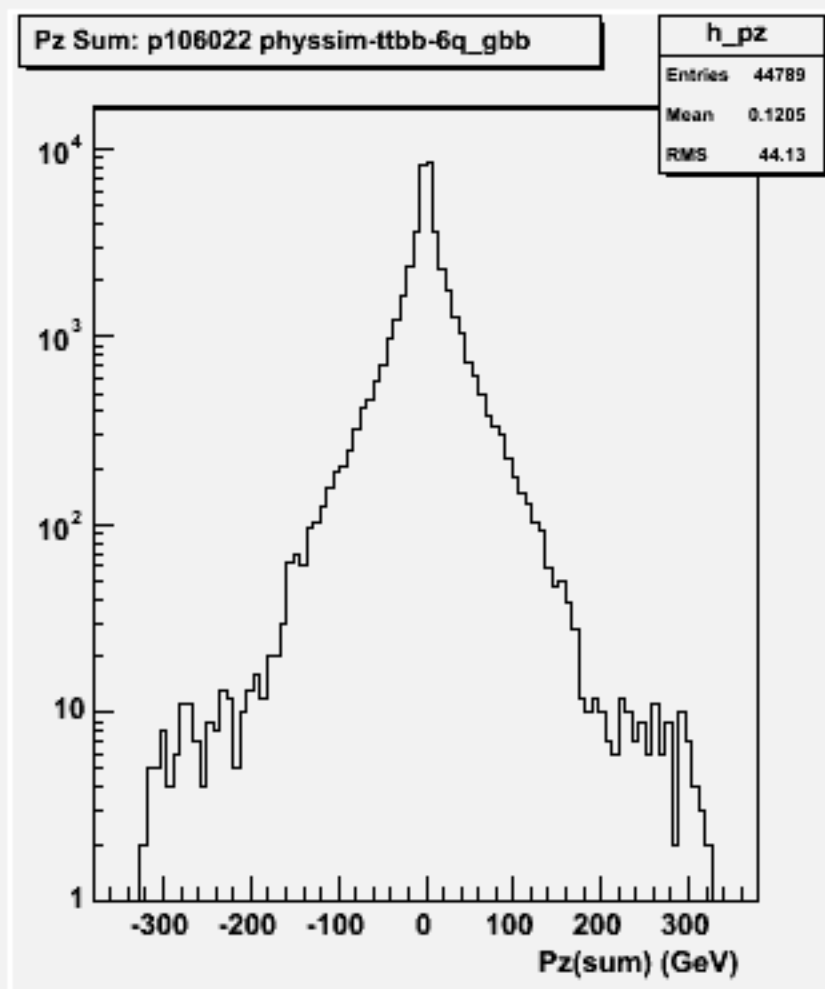
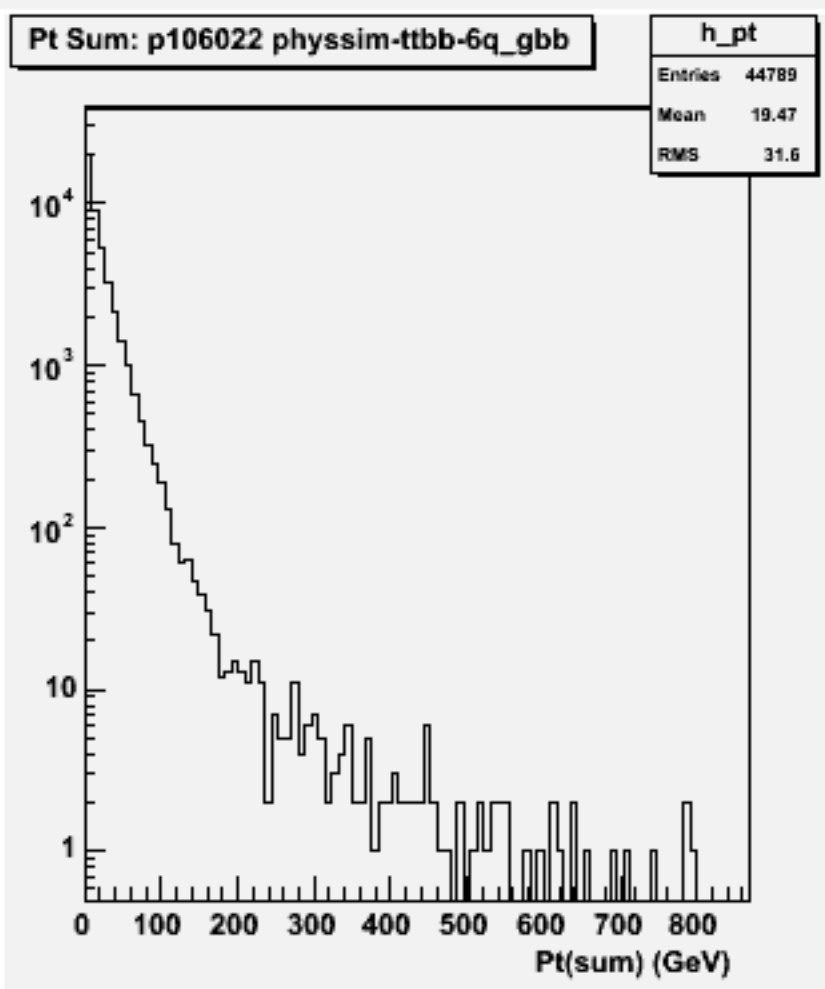
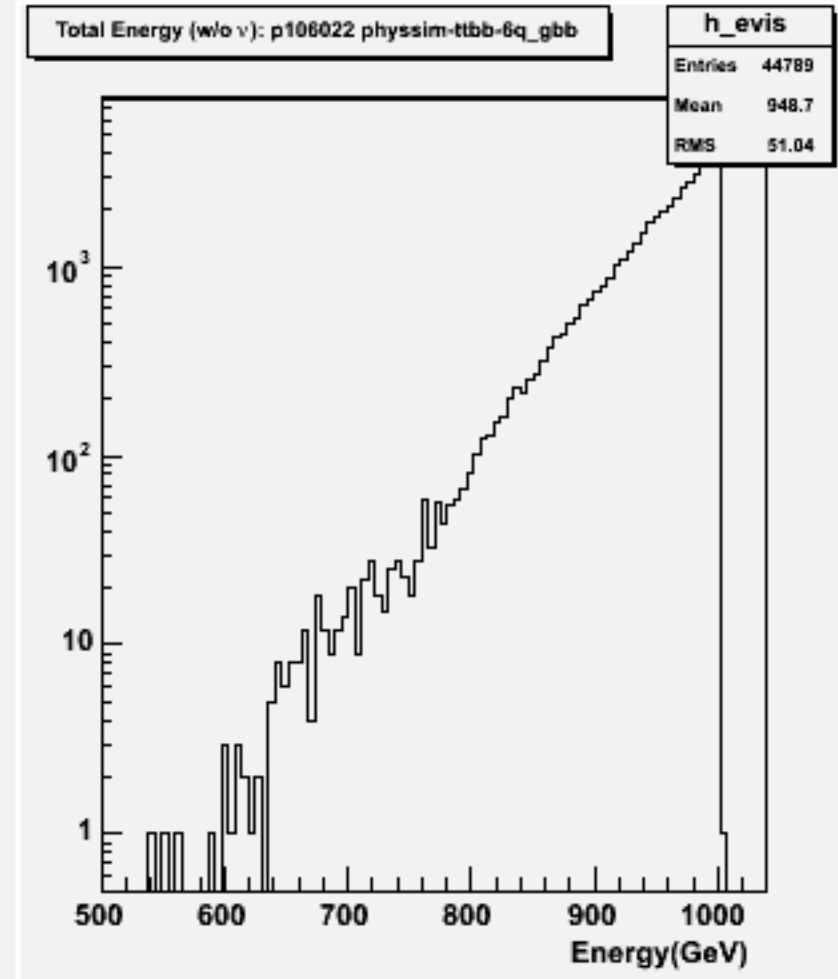
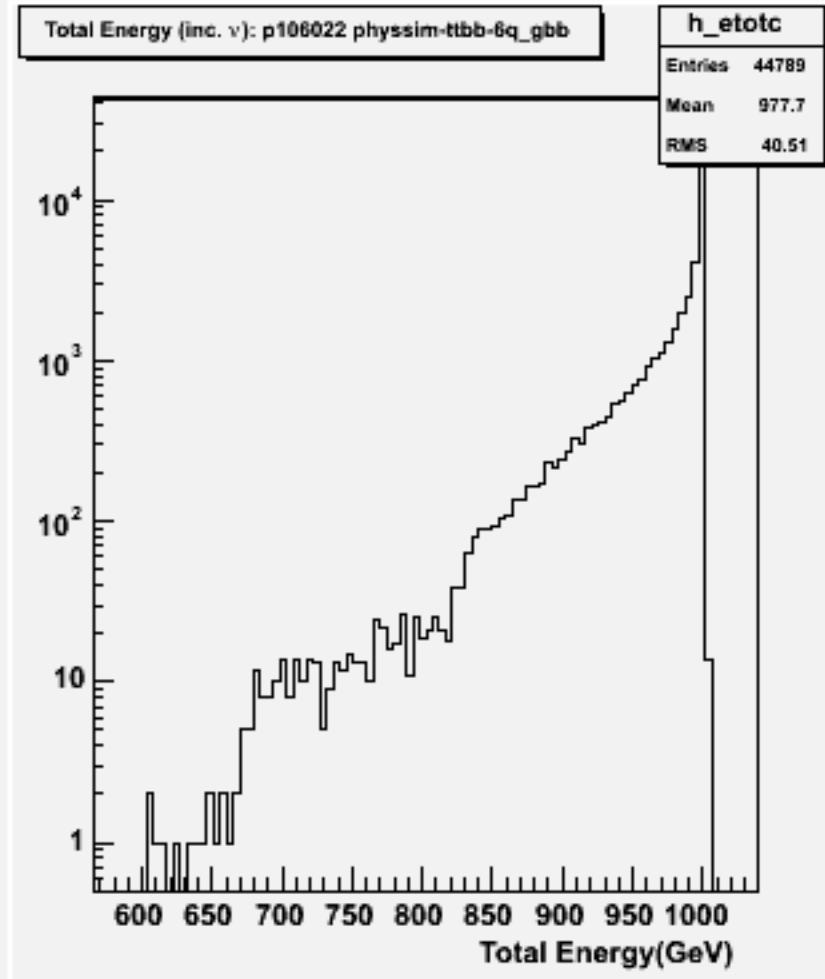
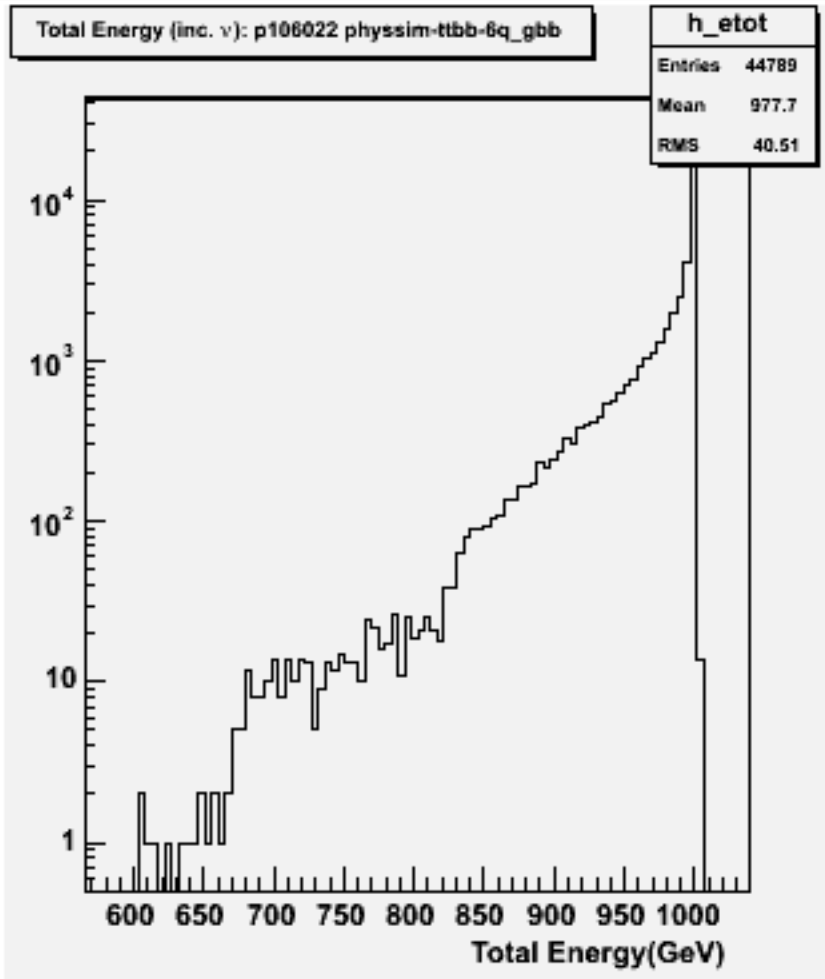


# Generator file information: p106022 physsim-ttbb-6q\_gbb

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job\_date\_time=110708-094928-GMT+0900  
process\_name=physsim-ttbb-6q\_gbb  
process\_type=physsim-ttbb-6q\_gbb  
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=71796.8530082552  
cross\_section\_in\_fb=0.696284  
cross\_section\_error\_in\_fb=0.00051535  
lumi\_file=/nfs/g/ilc/soft/utils64/energy\_spread/lumi\_linker\_012  
file\_type=stdhep  
total\_number\_of\_events=49991  
number\_of\_files=2  
file\_names=p106022\_01.stdhep;p106022\_02.stdhep  
number\_of\_events\_in\_files=44789;5202  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/1000  
logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000/run\_output/p106022

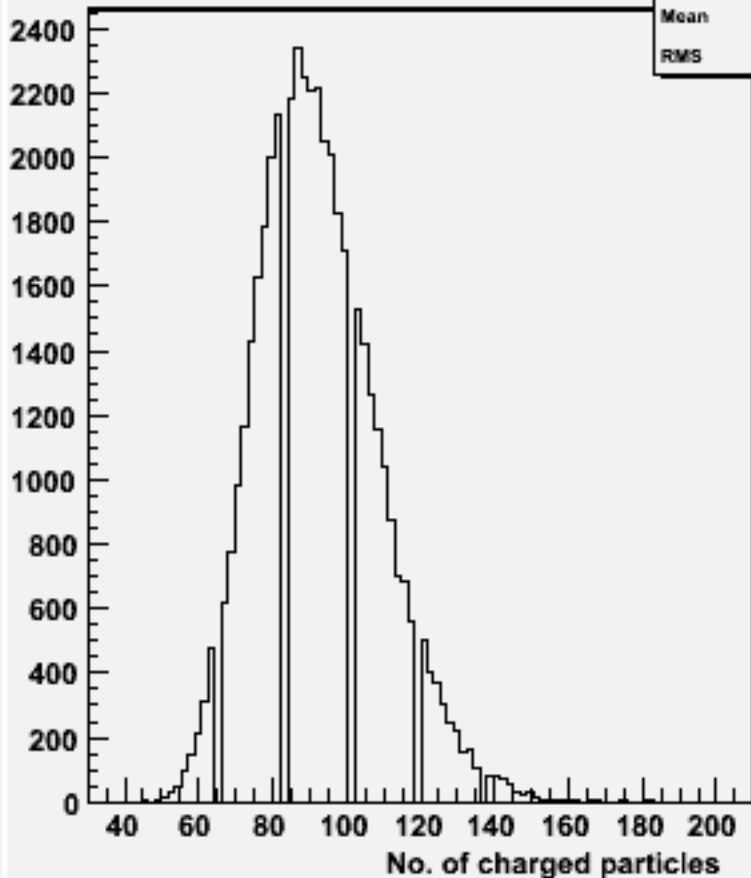




No. of Charged particles : p106022 physsim-ttbb-6q\_gbb

**h\_nchg**

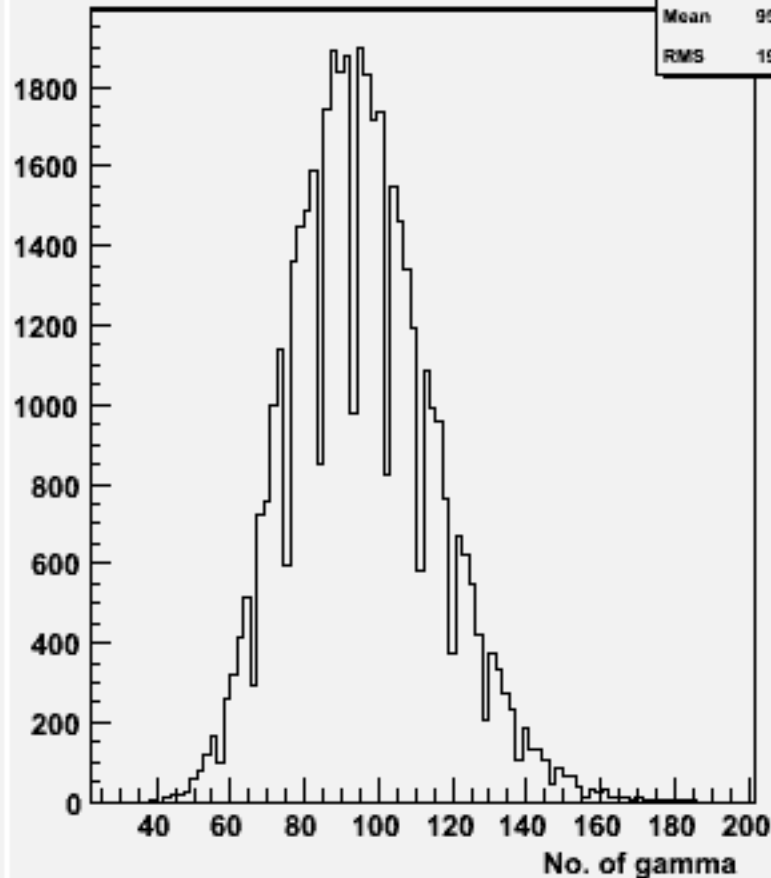
|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 92.12 |
| RMS     | 16.47 |



No. of Gamma : p106022 physsim-ttbb-6q\_gbb

**h\_ngam**

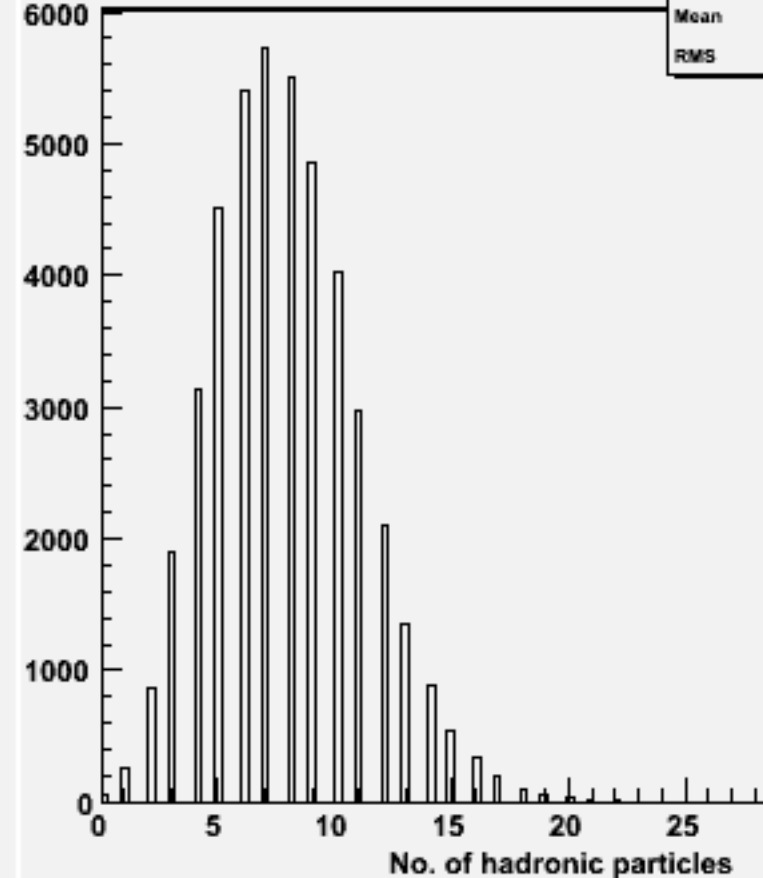
|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 95.68 |
| RMS     | 19.58 |



No. of Hadronic particles : p106022 physsim-ttbb-6q\_gbb

**h\_nhad**

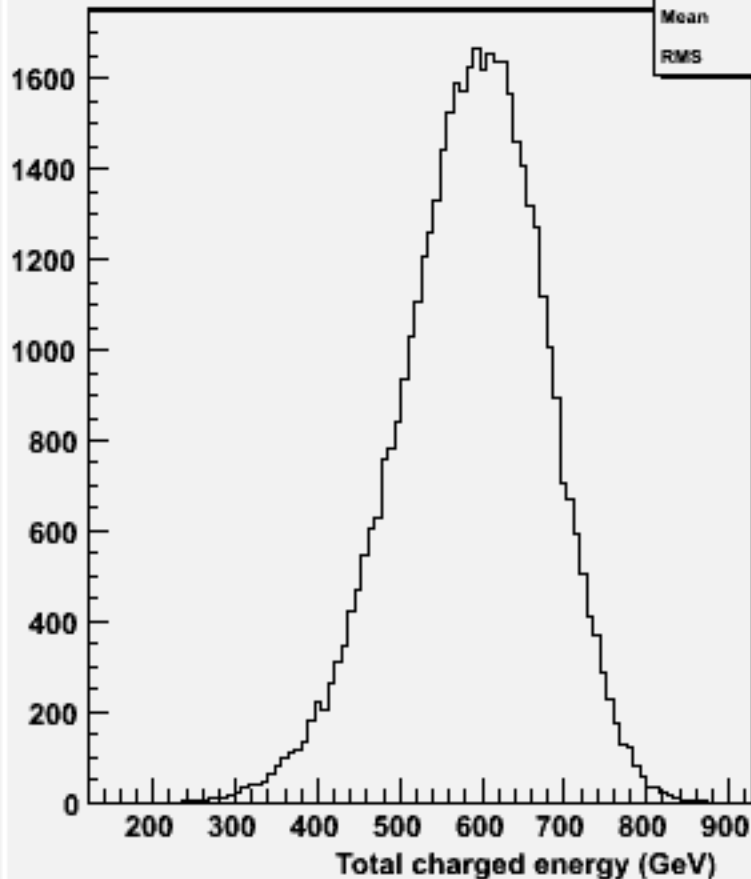
|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 7.846 |
| RMS     | 3.153 |



Total charged energy : p106022 physsim-ttbb-6q\_gbb

**h\_echg**

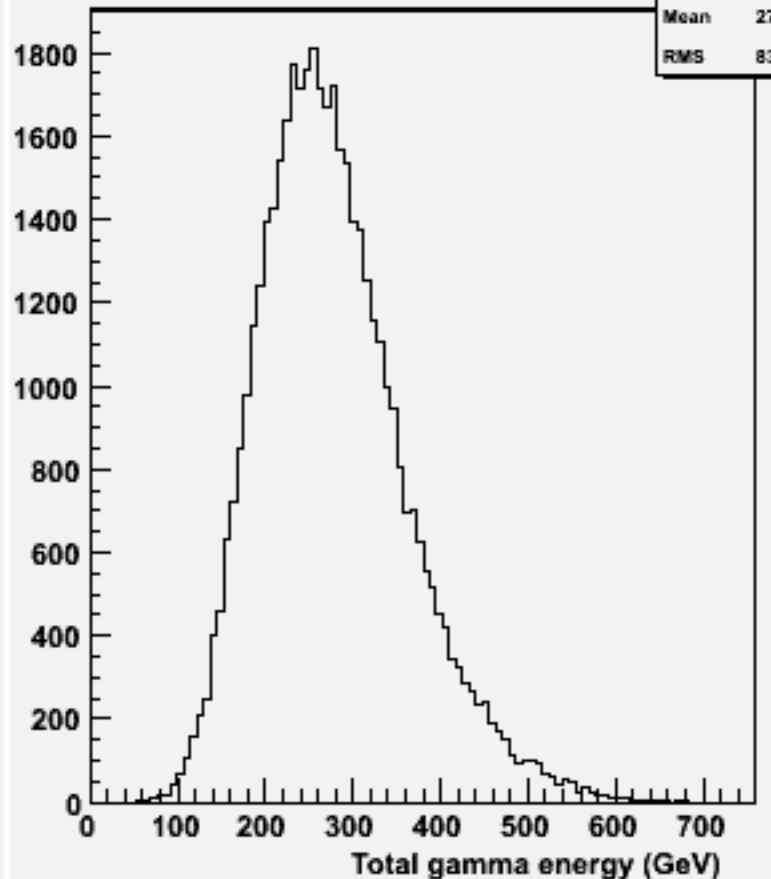
|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 586.3 |
| RMS     | 88.38 |



Total gamma energy : p106022 physsim-ttbb-6q\_gbb

**h\_egam**

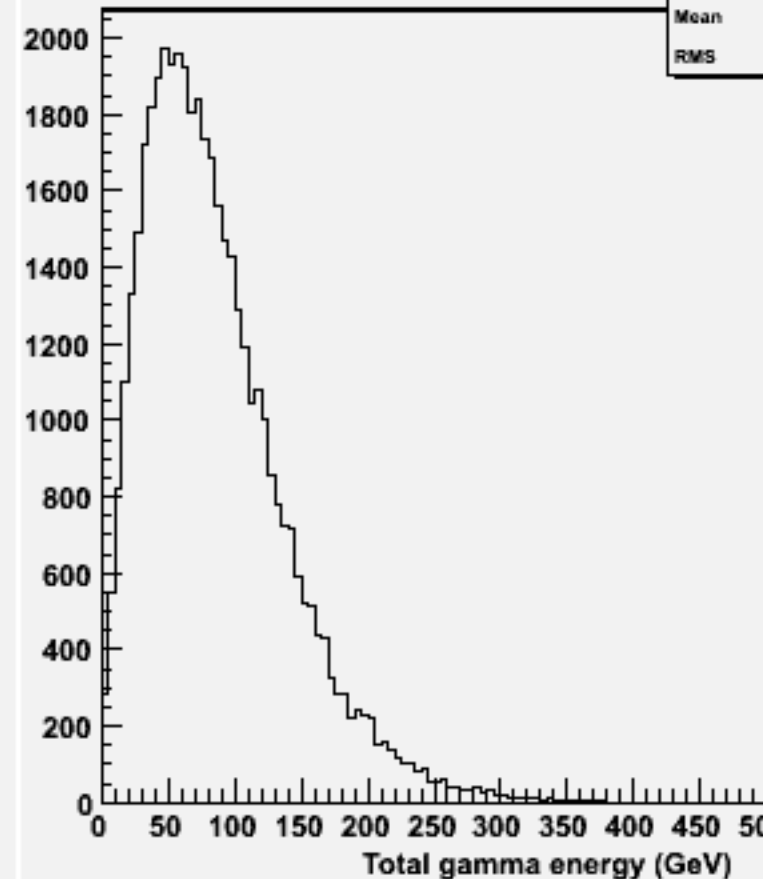
|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 277.3 |
| RMS     | 83.98 |

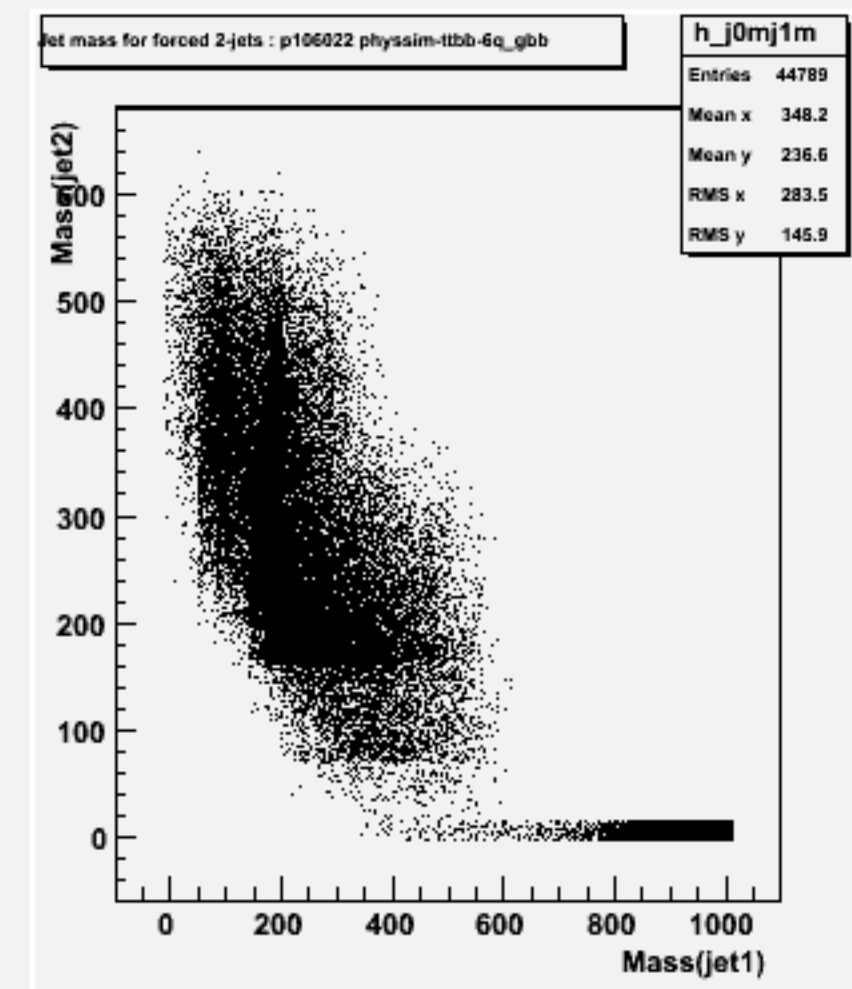
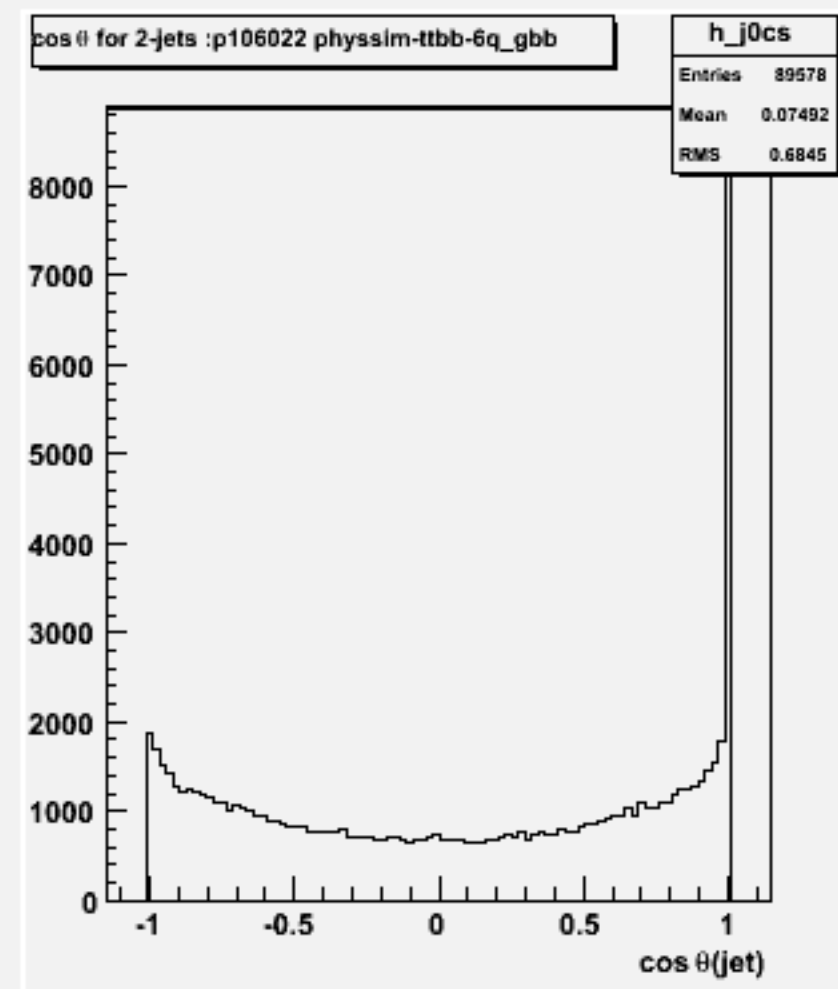
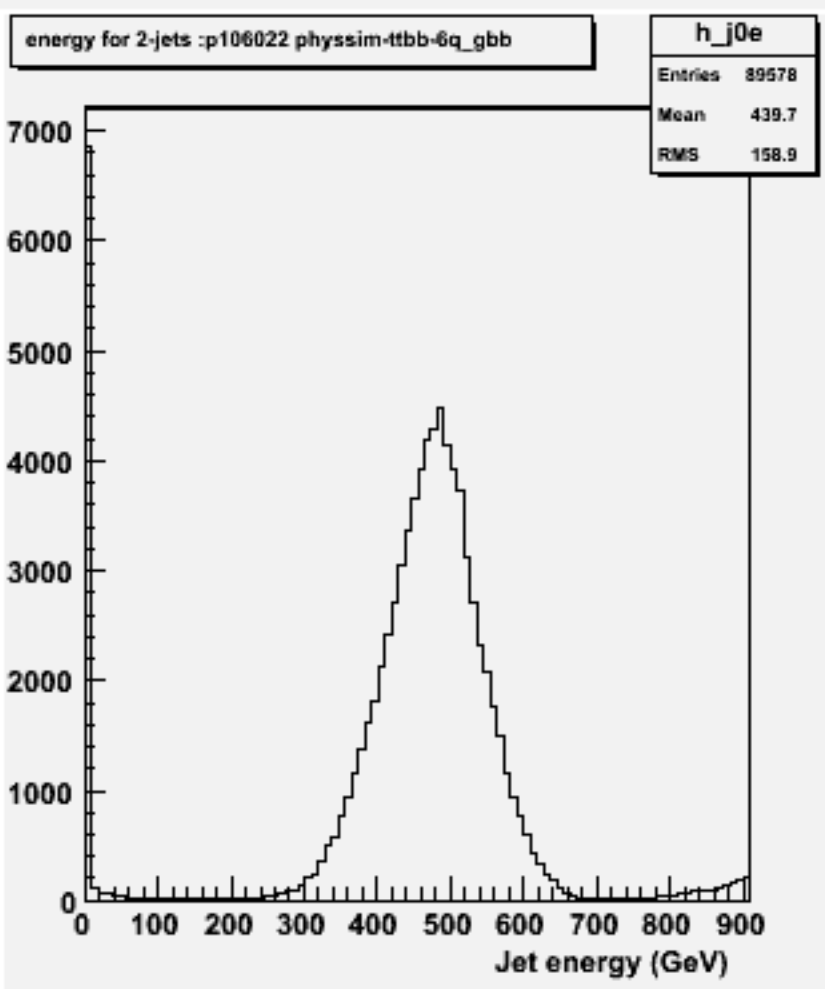
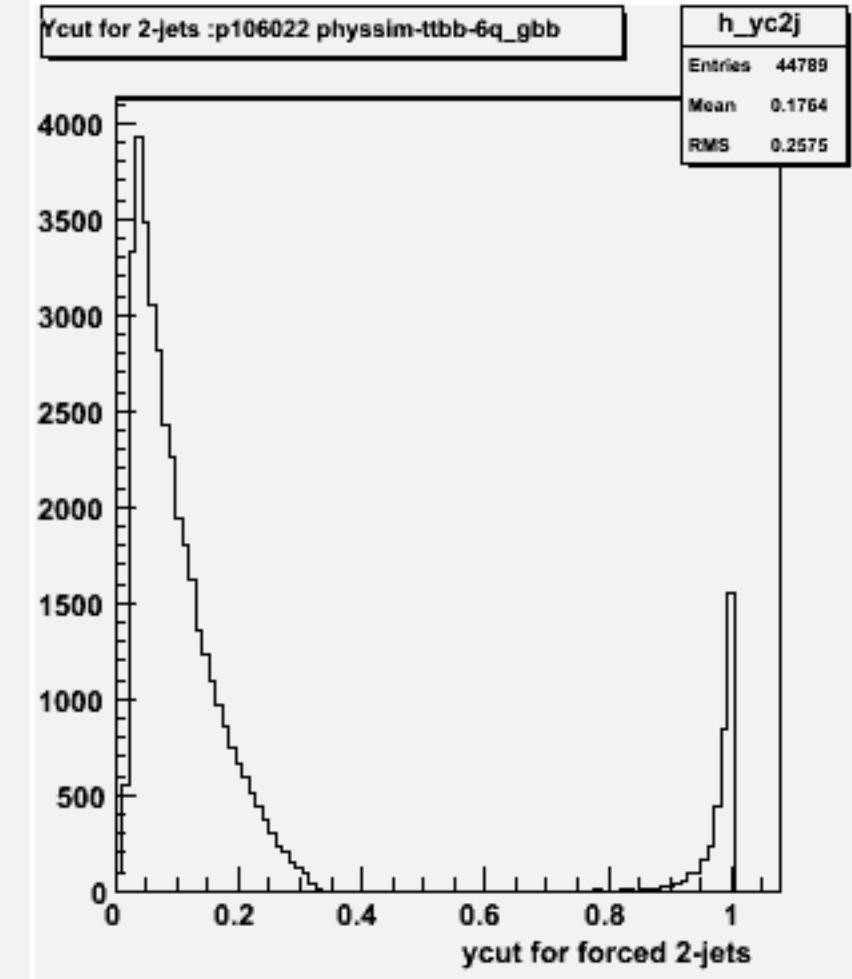
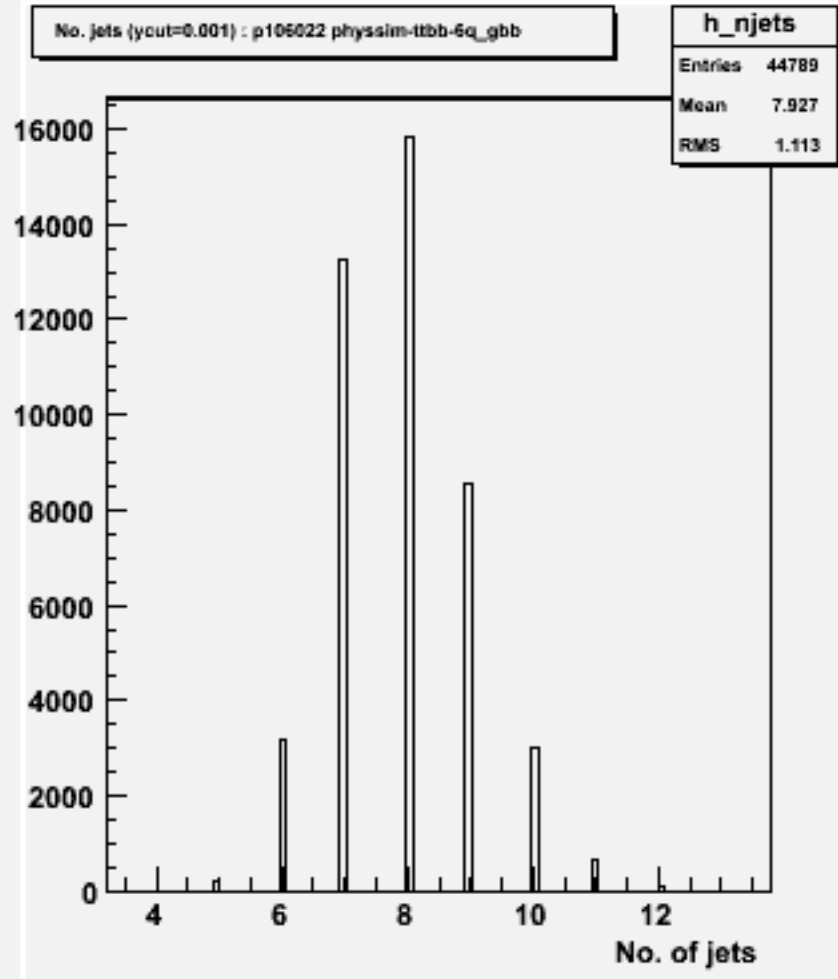
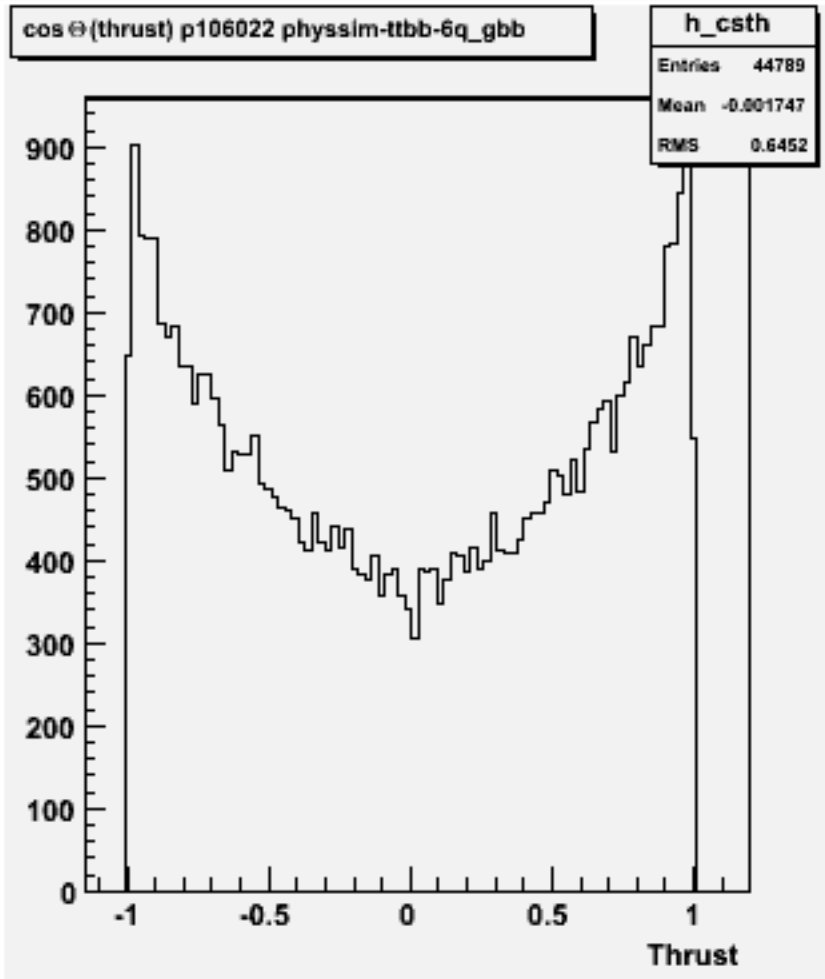


Total hadronic energy : p106022 physsim-ttbb-6q\_gbb

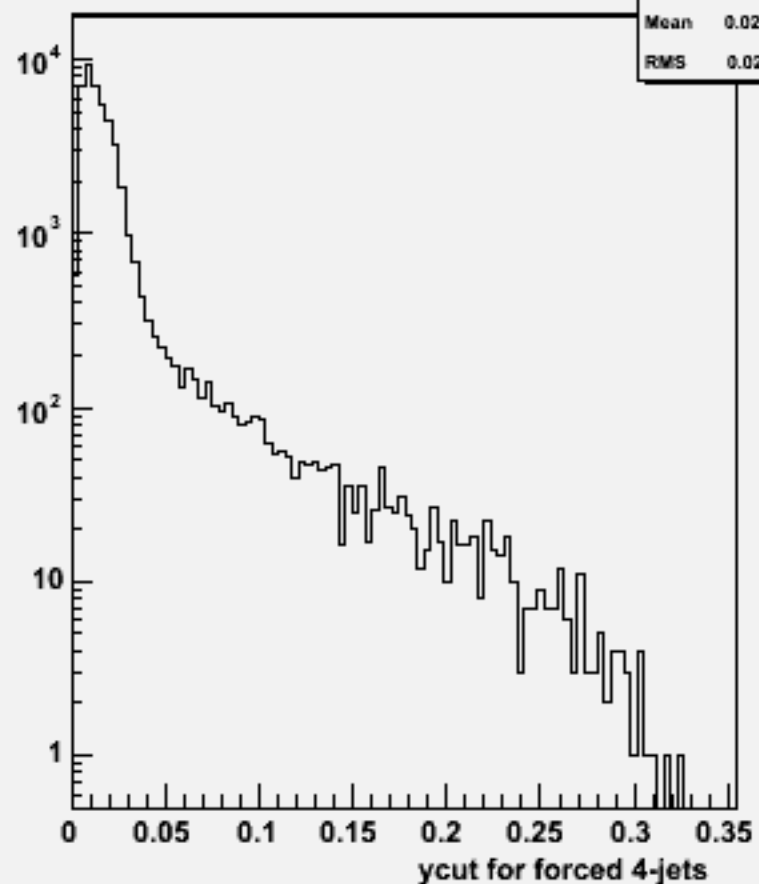
**h\_ehad**

|         |       |
|---------|-------|
| Entries | 44789 |
| Mean    | 85.01 |
| RMS     | 53.64 |

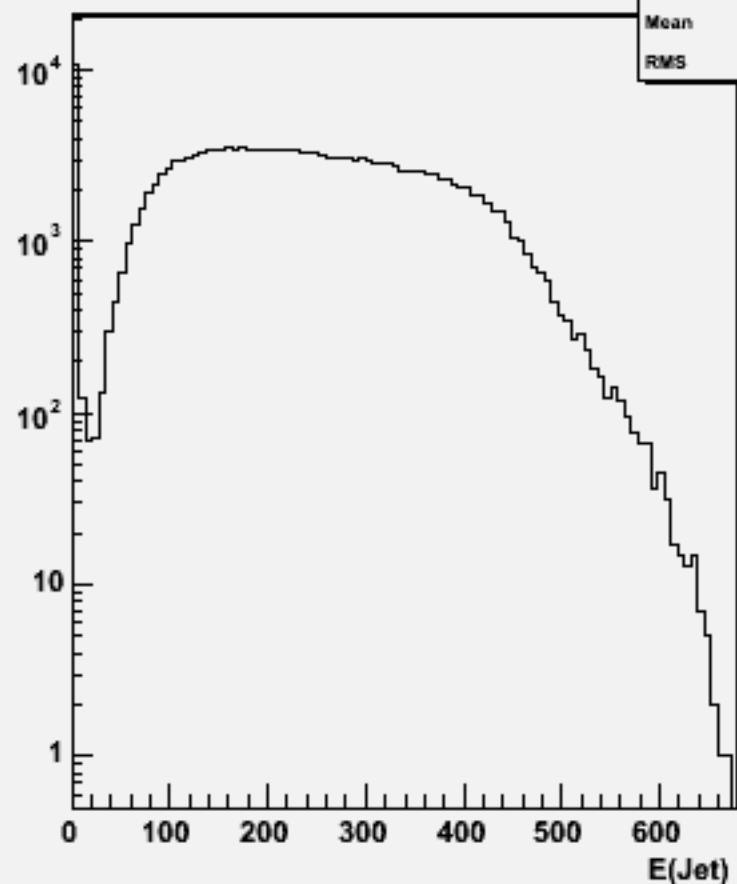
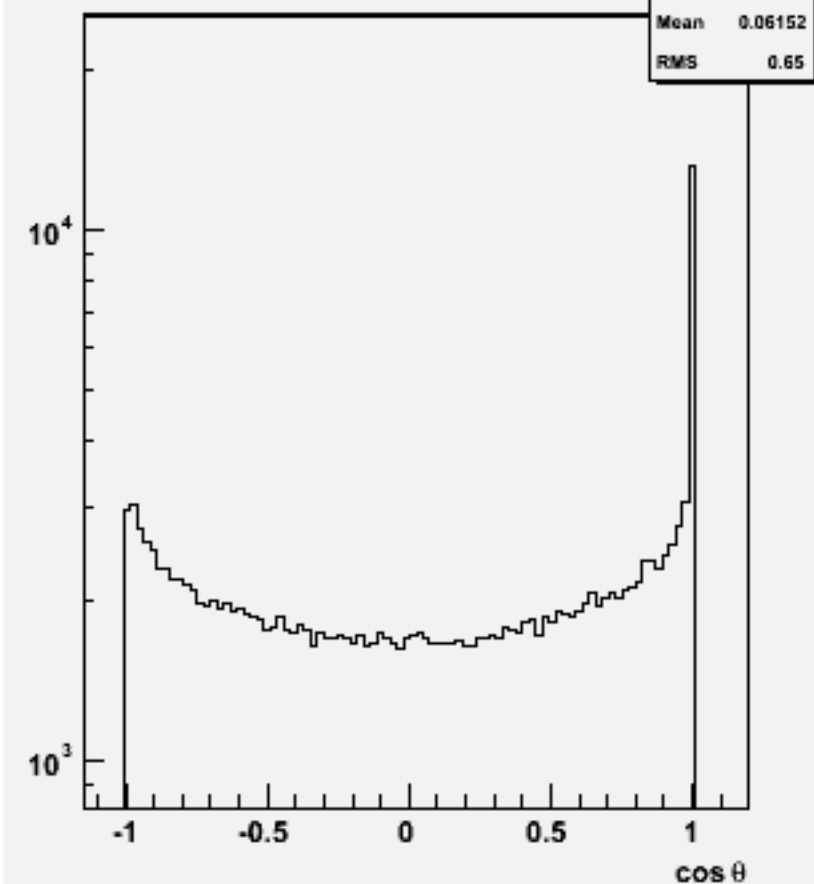




Ycut for 4-jets :p106022 physsim-ttbb-6q\_gbb



Jet energies(All jets)p106022 physsim-ttbb-6q\_gbb

Jet cos  $\theta$  (All jets)p106022 physsim-ttbb-6q\_gbb

2jets mass(All comb)p106022 physsim-ttbb-6q\_gbb

