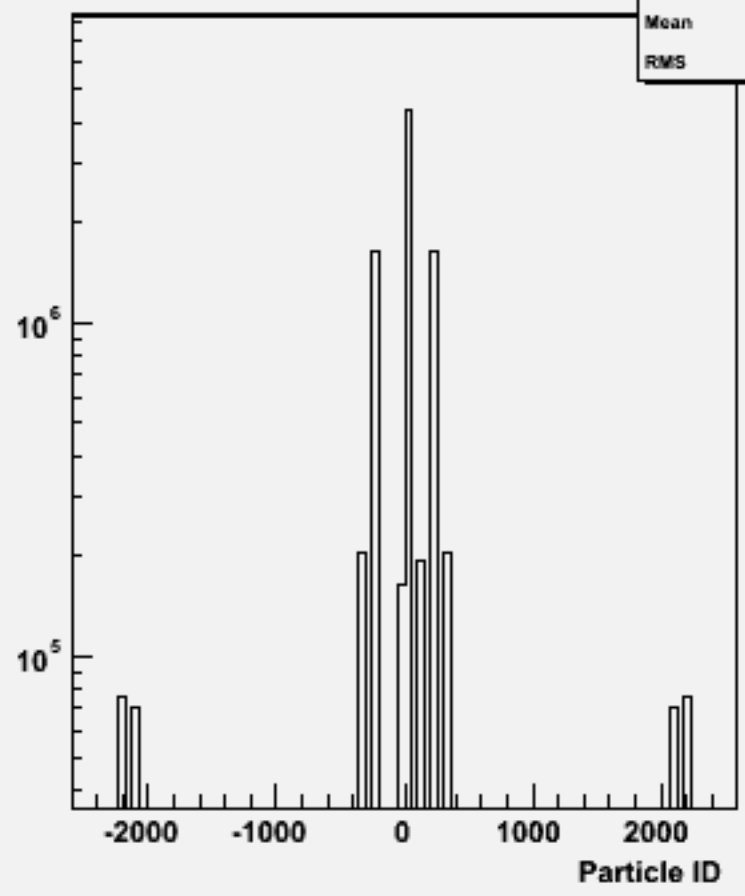


# Generator file information: p106014 physsim-ttbb-all\_all

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job\_date\_time=110708-160502-GMT+0900  
process\_name=physsim-ttbb-all\_all  
process\_type=physsim-ttbb-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=32798.1681472831  
cross\_section\_in\_fb=1.52414  
cross\_section\_error\_in\_fb=0.00172917  
lumi\_file=/nfs/g/ilc/soft/utils64/energy\_spread/lumi\_linker\_012  
file\_type=stdhep  
total\_number\_of\_events=49989  
number\_of\_files=1  
file\_names=p106014\_01.stdhep  
number\_of\_events\_in\_files=49989  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/1000  
logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000/run\_output/p106014

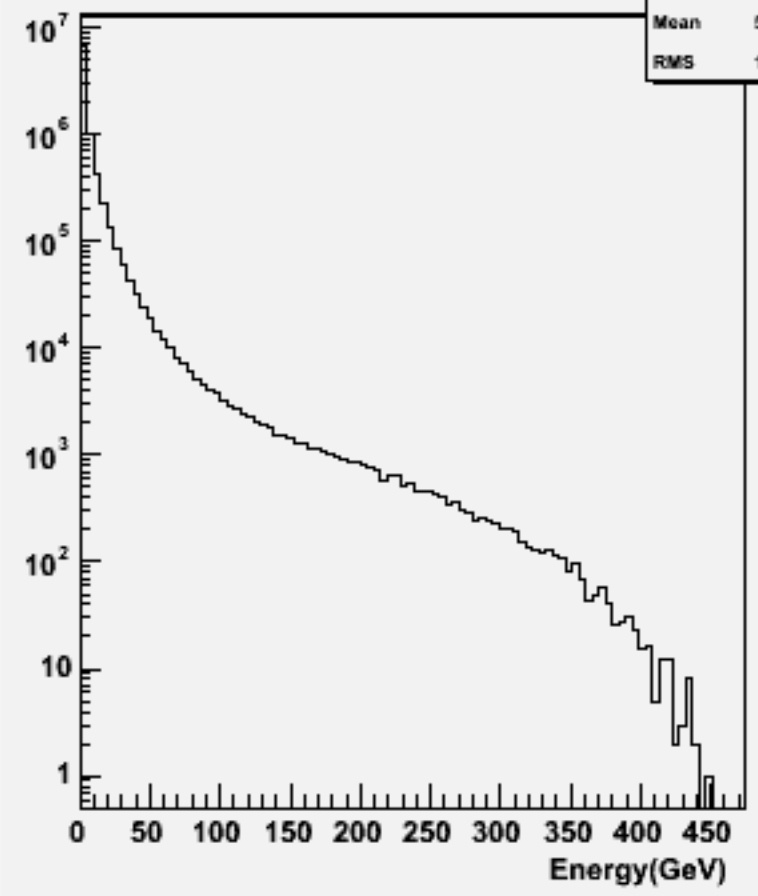
Particle ID : p106014 physsim-ttbb-all\_all



h\_id

Entries	8692936
Mean	13.49
RMS	423.4

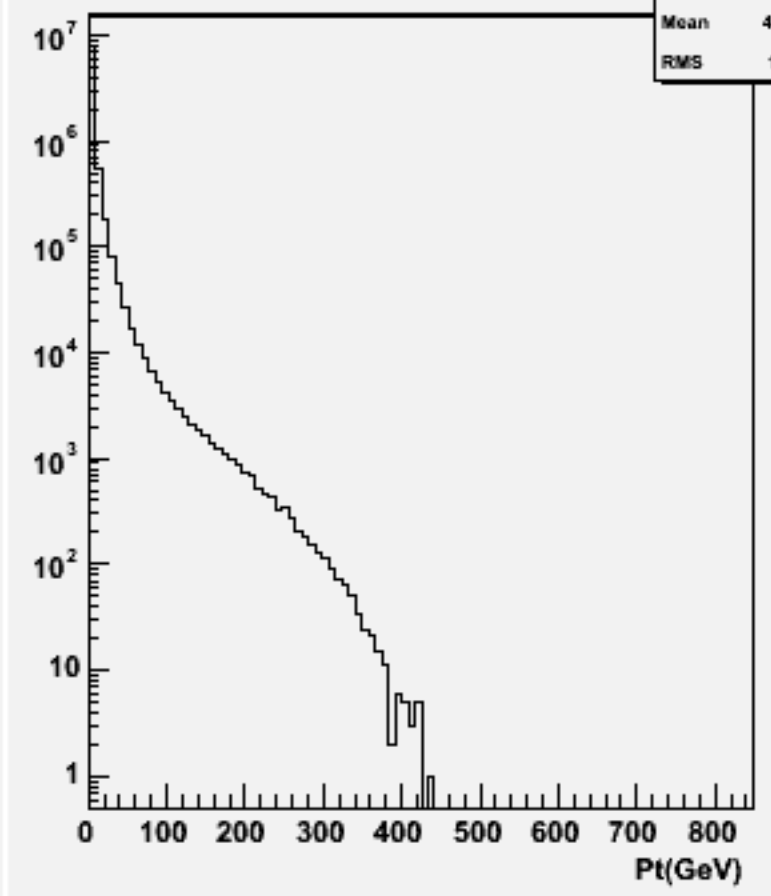
Particle Energy : p106014 physsim-ttbb-all\_all



h\_e

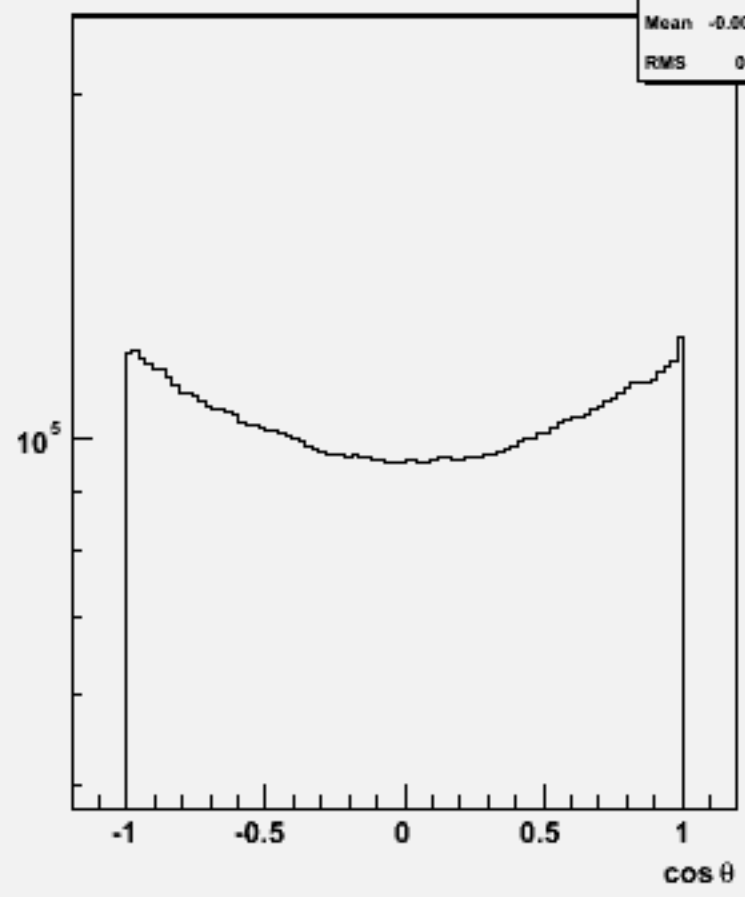
Entries	8692936
Mean	5.622
RMS	15.74

Particle Pt : p106014 physsim-ttbb-all\_all



h\_pt

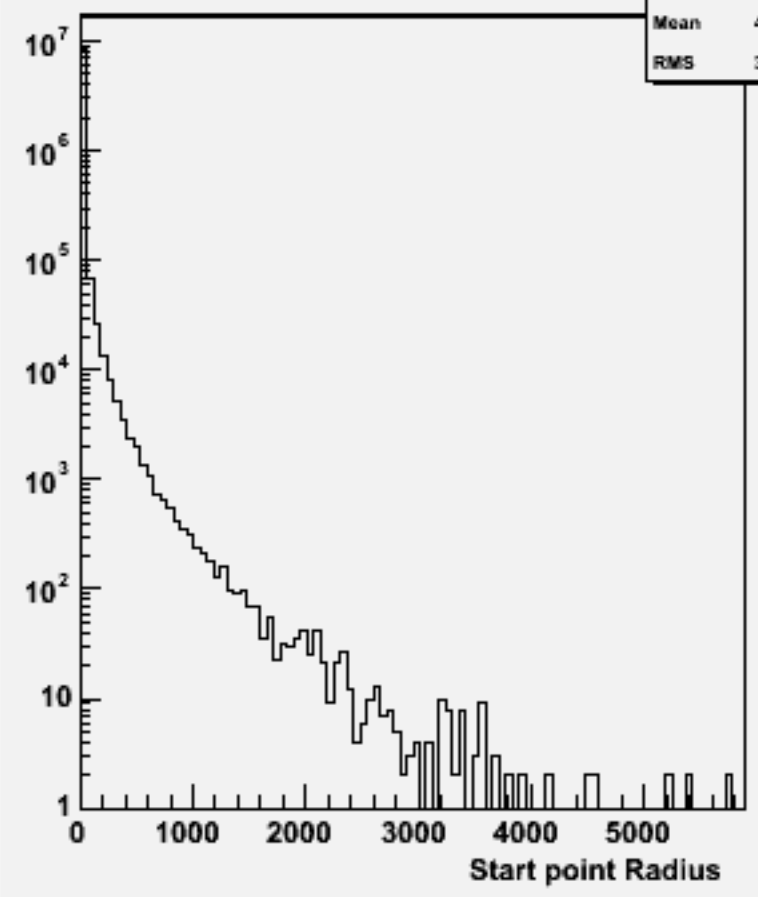
Entries	8692936
Mean	4.146
RMS	11.81

Particle cos  $\theta$  : p106014 physsim-ttbb-all\_all

h\_cs

Entries	8692936
Mean	-0.001655
RMS	0.5997

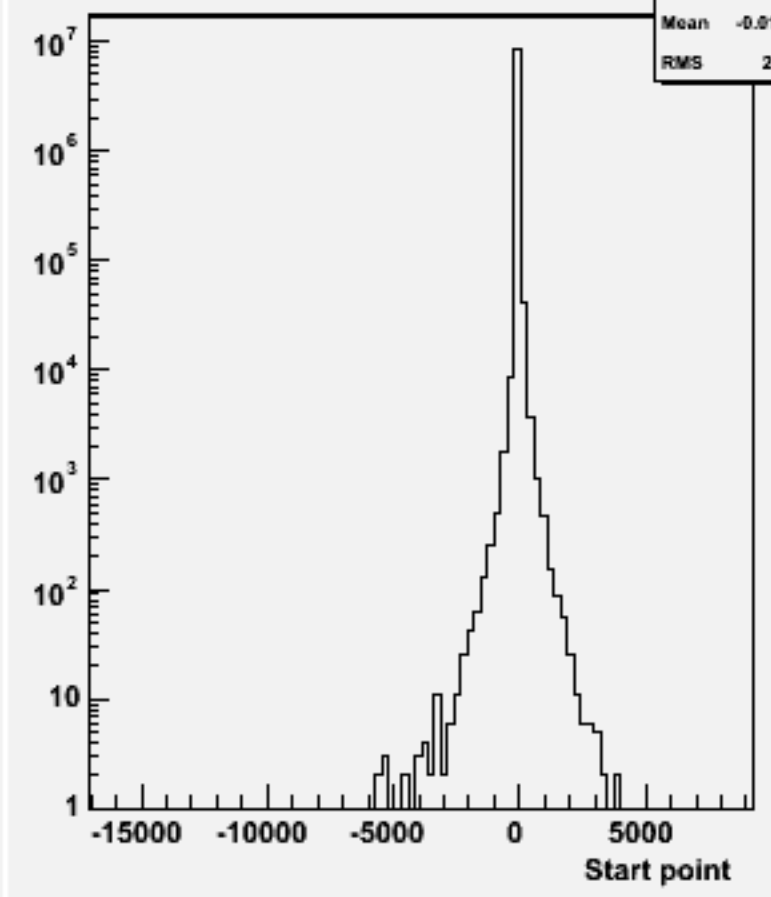
Start point R : p106014 physsim-ttbb-all\_all



h\_vr

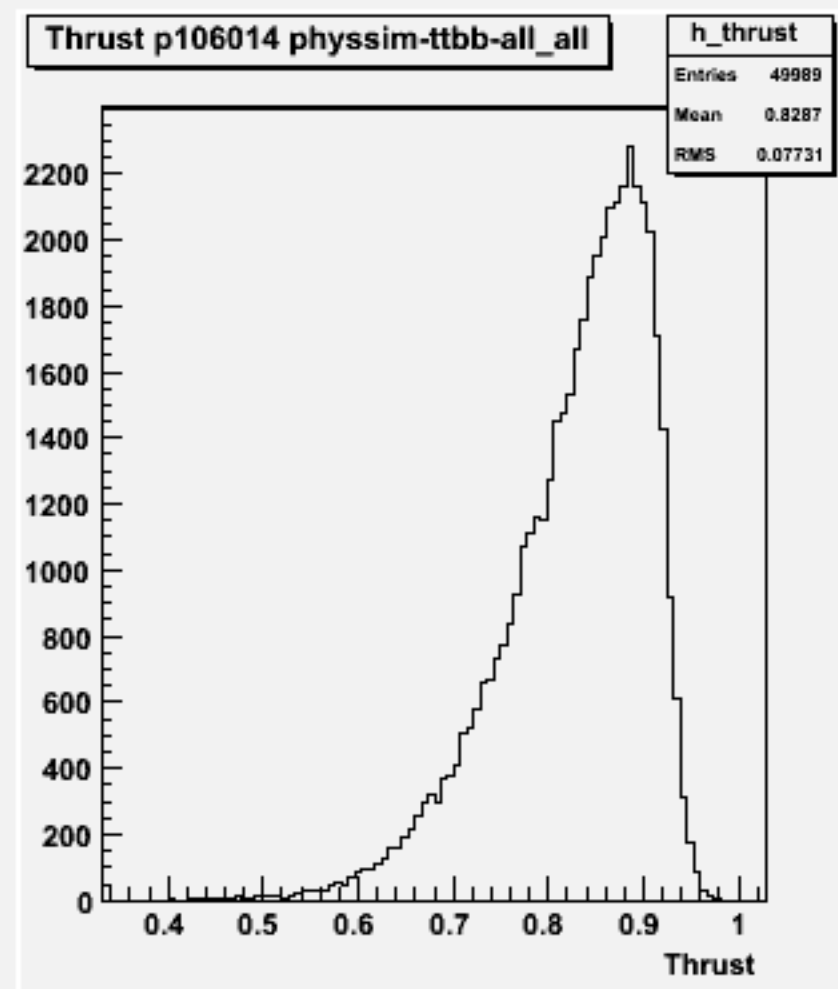
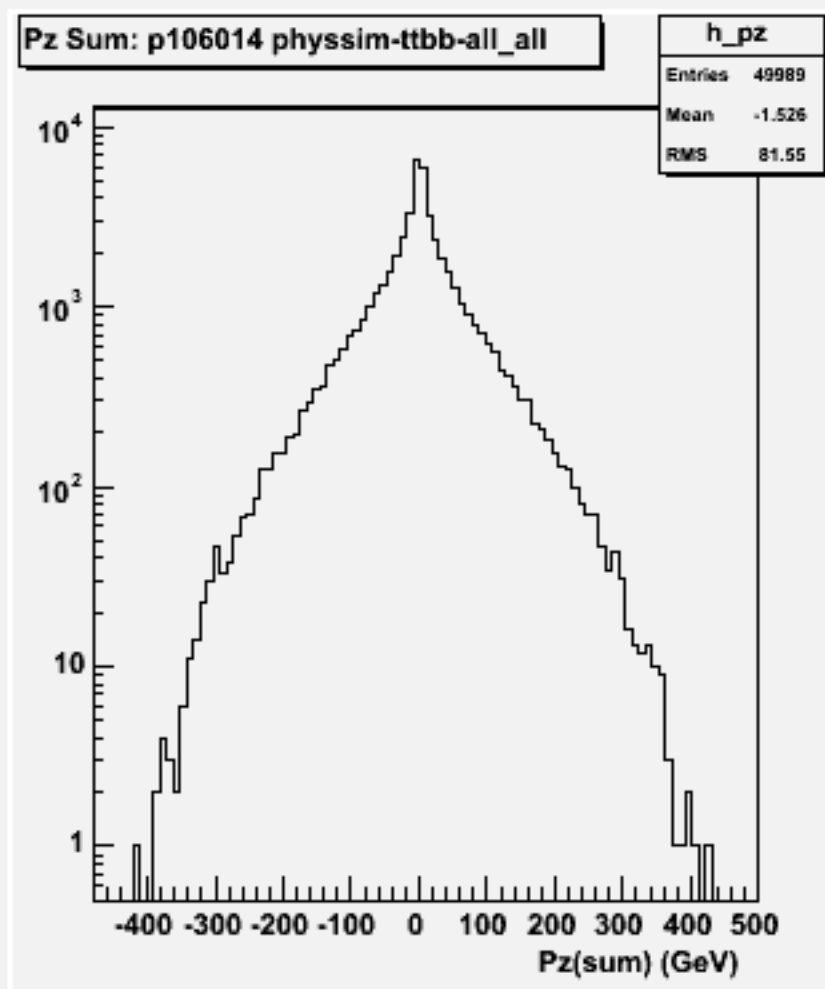
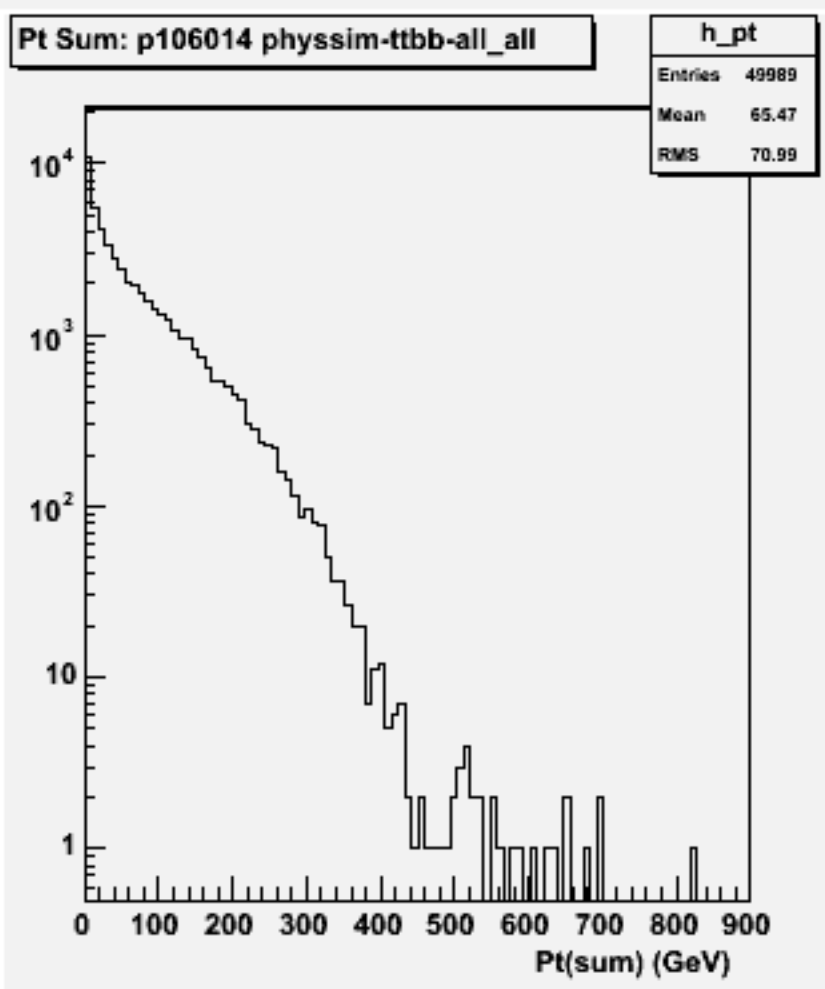
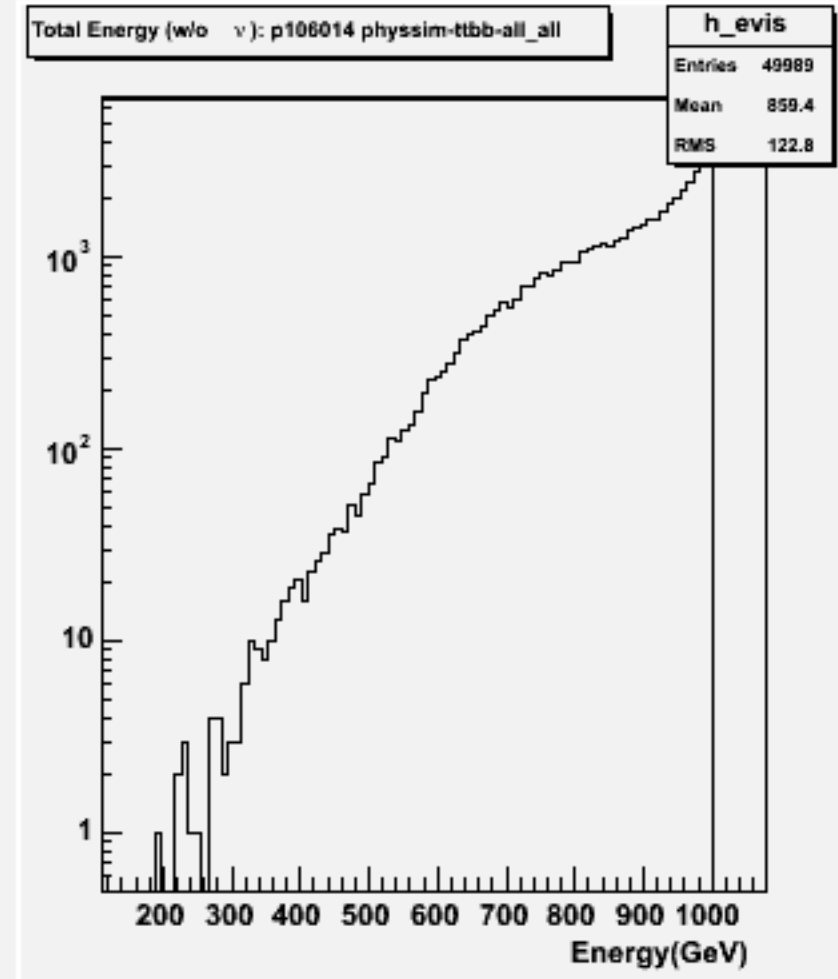
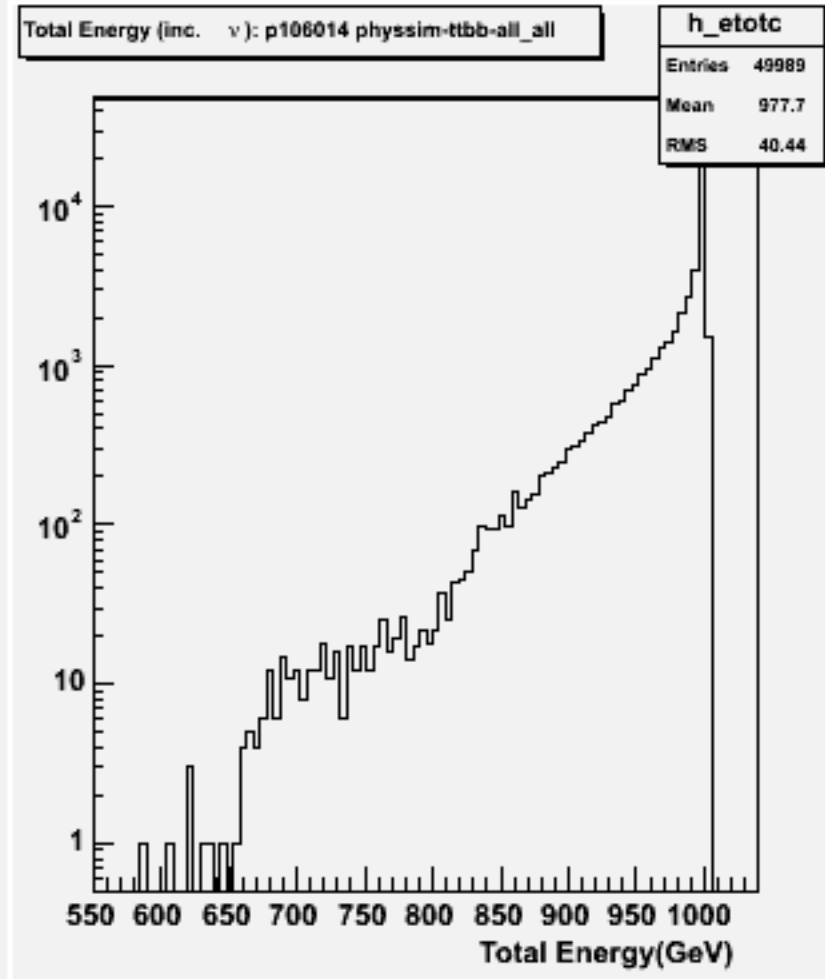
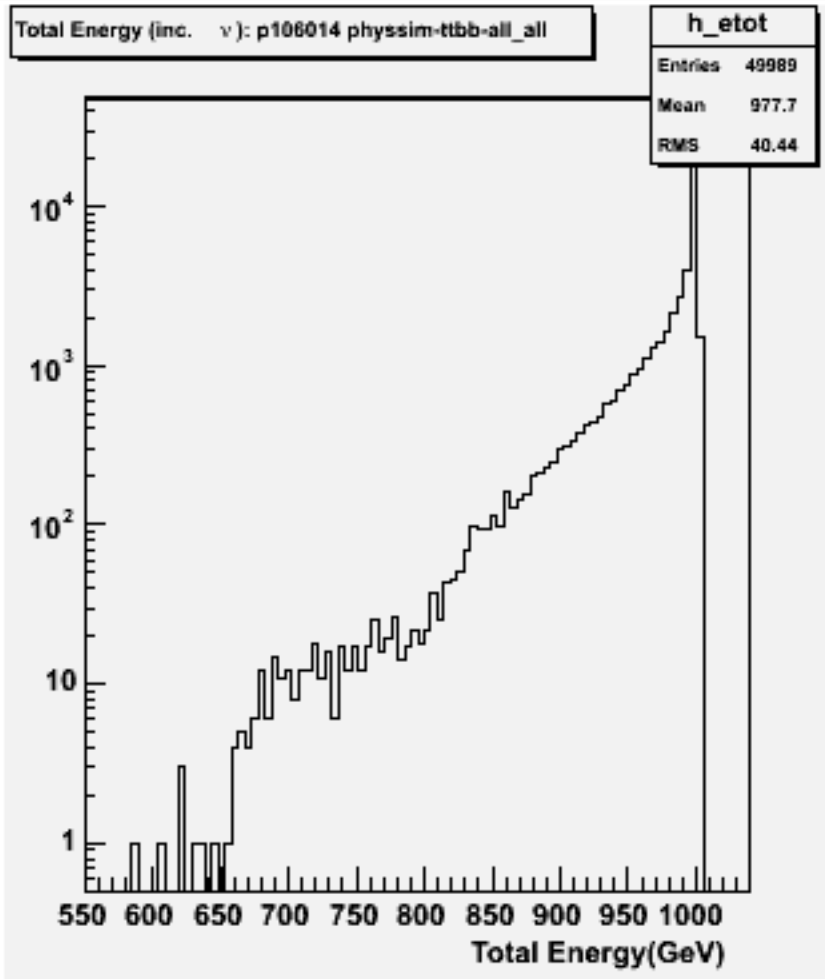
Entries	8692936
Mean	4.082
RMS	37.15

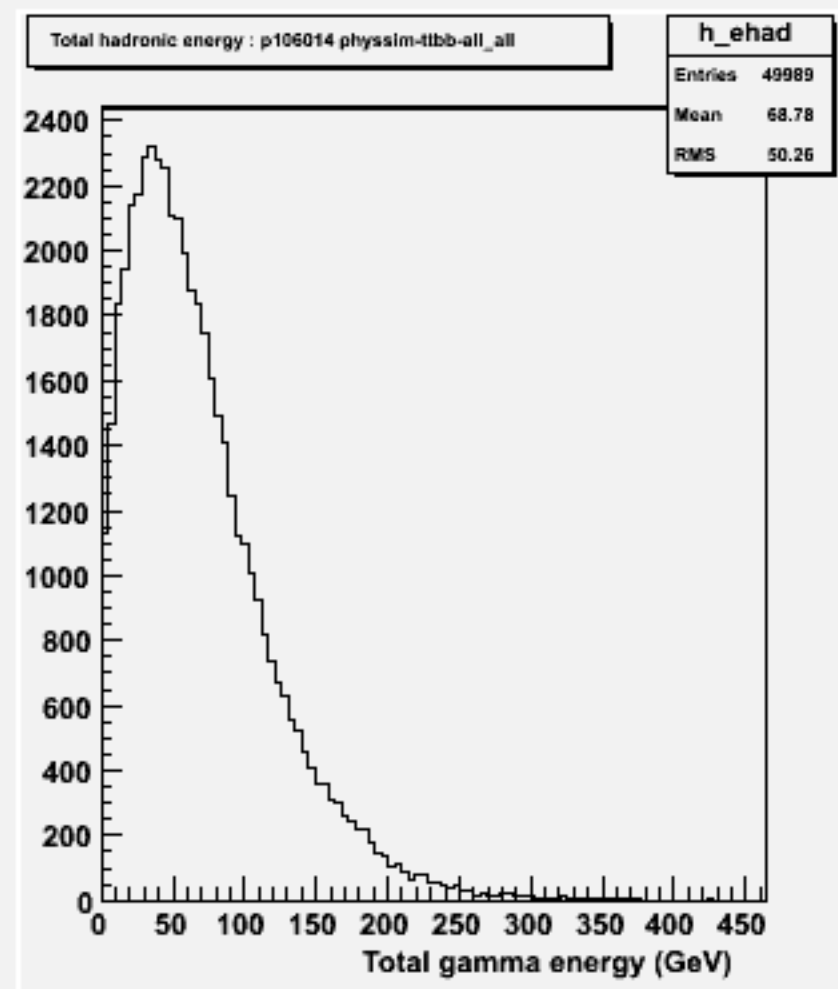
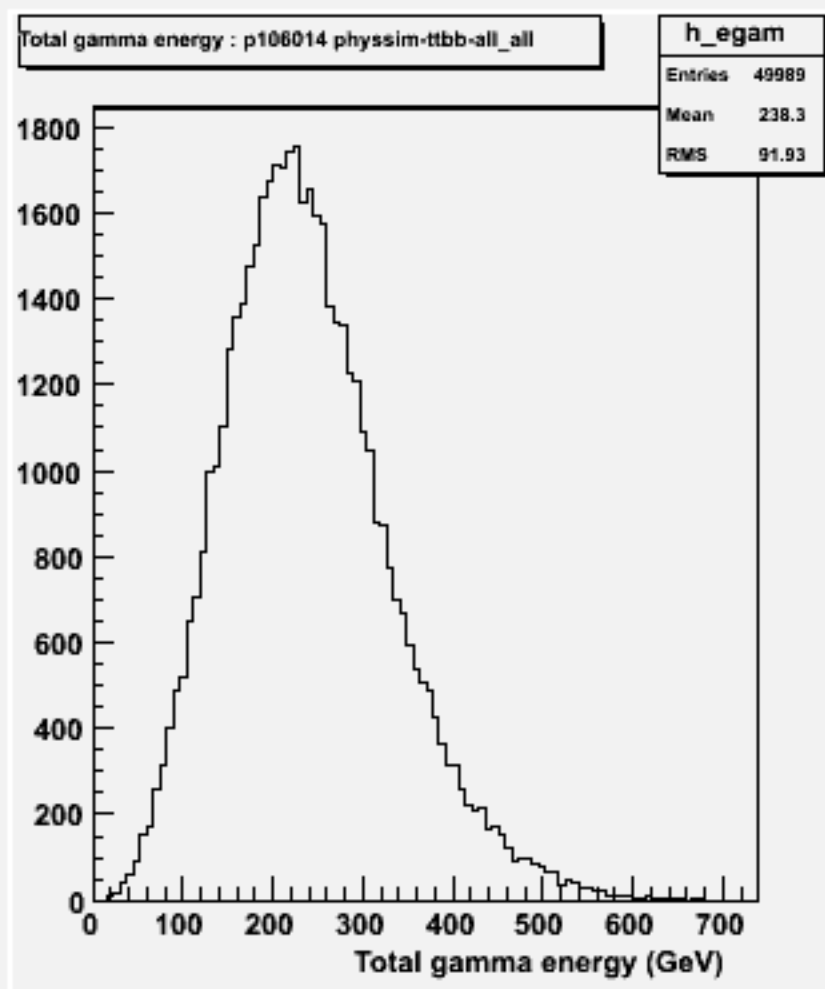
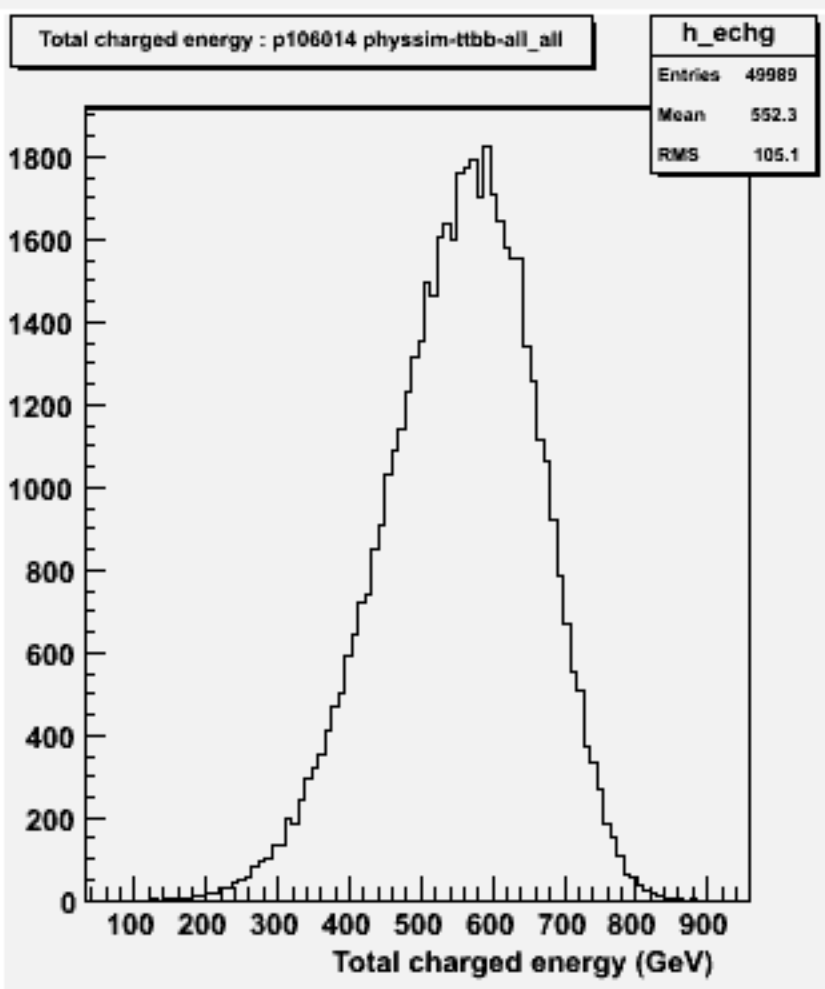
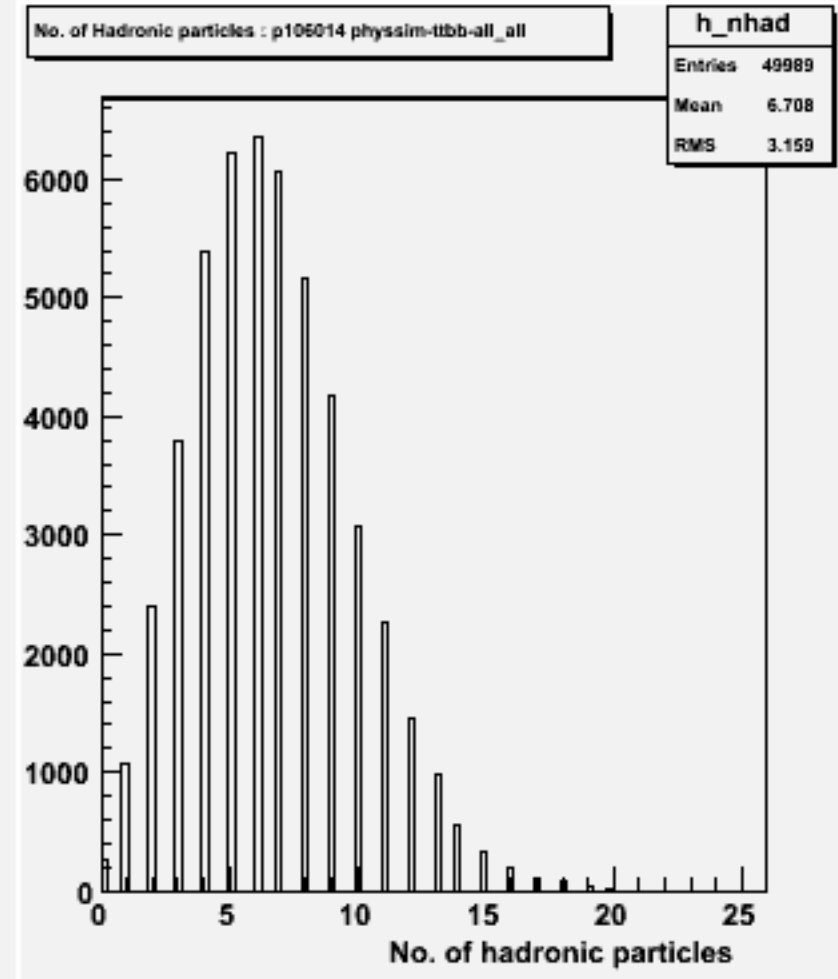
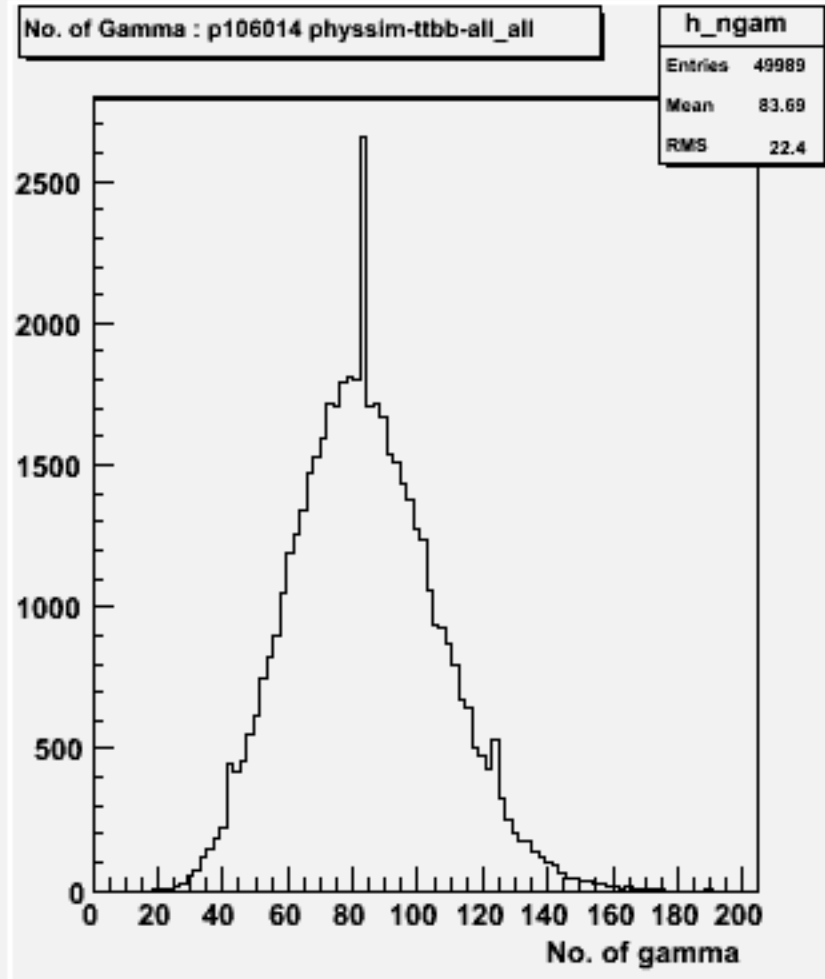
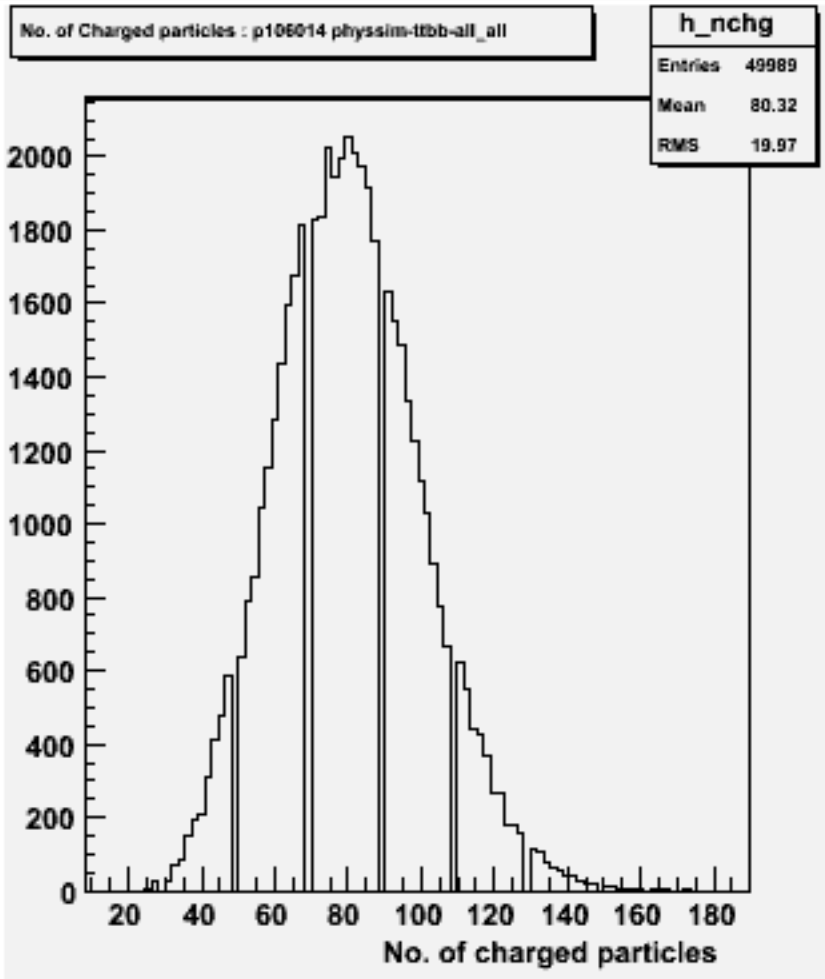
Start point Z : p106014 physsim-ttbb-all\_all

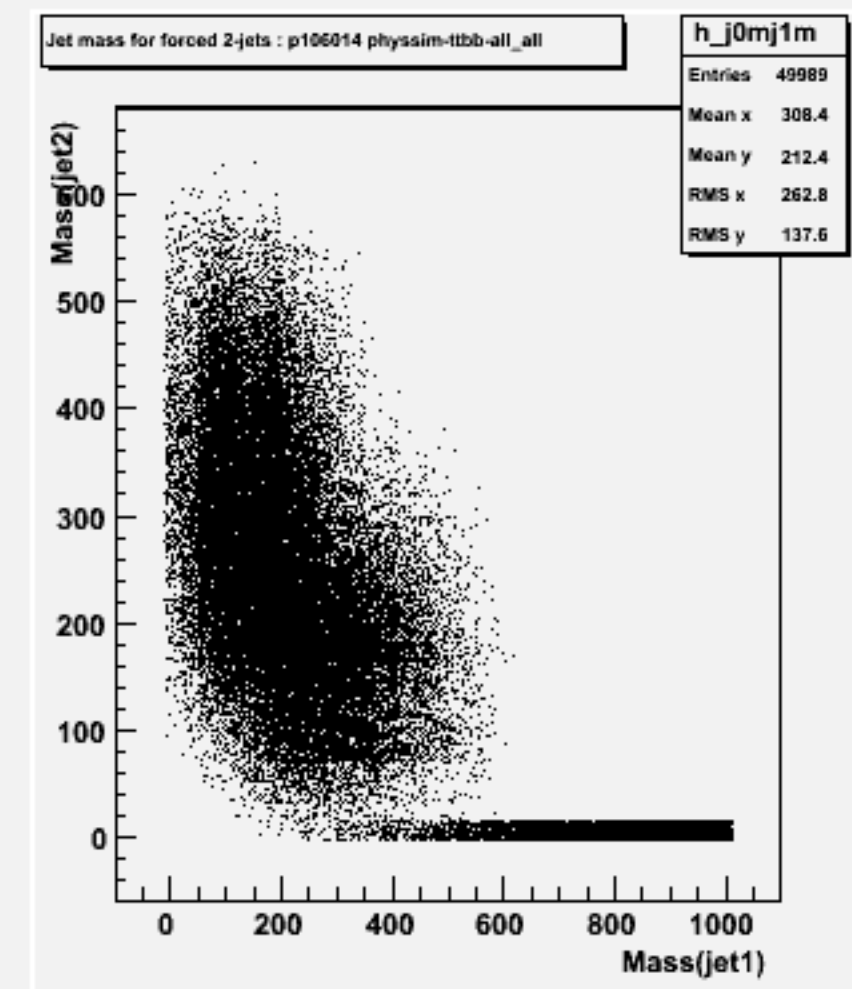
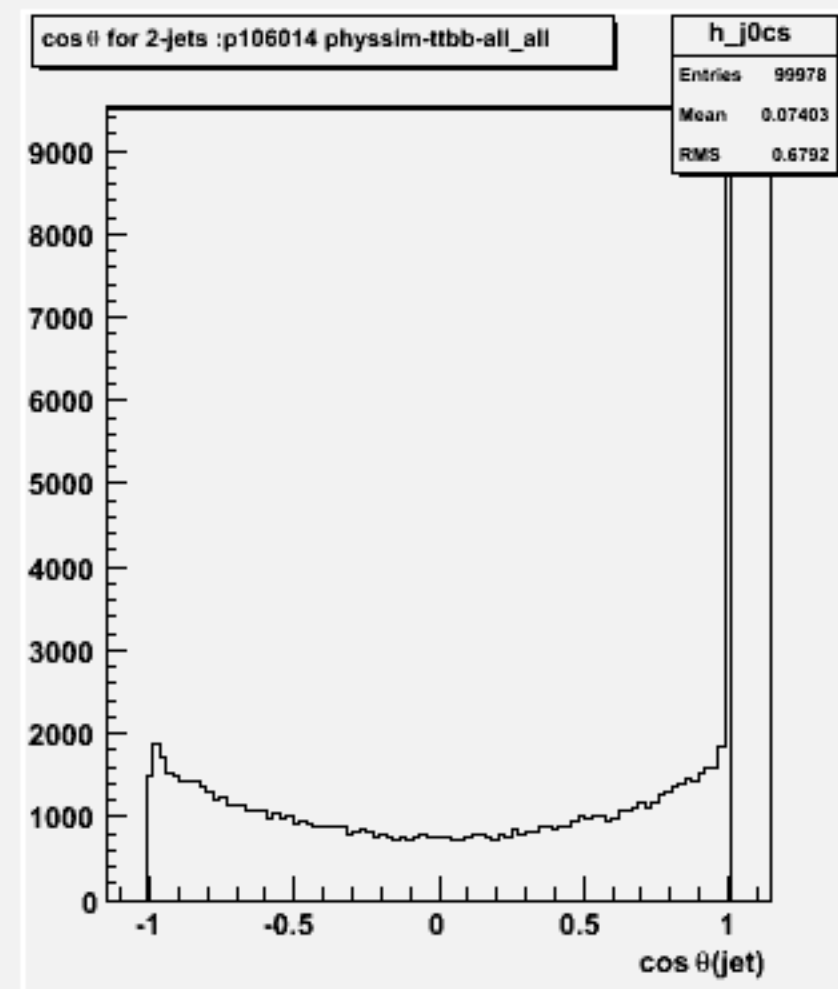
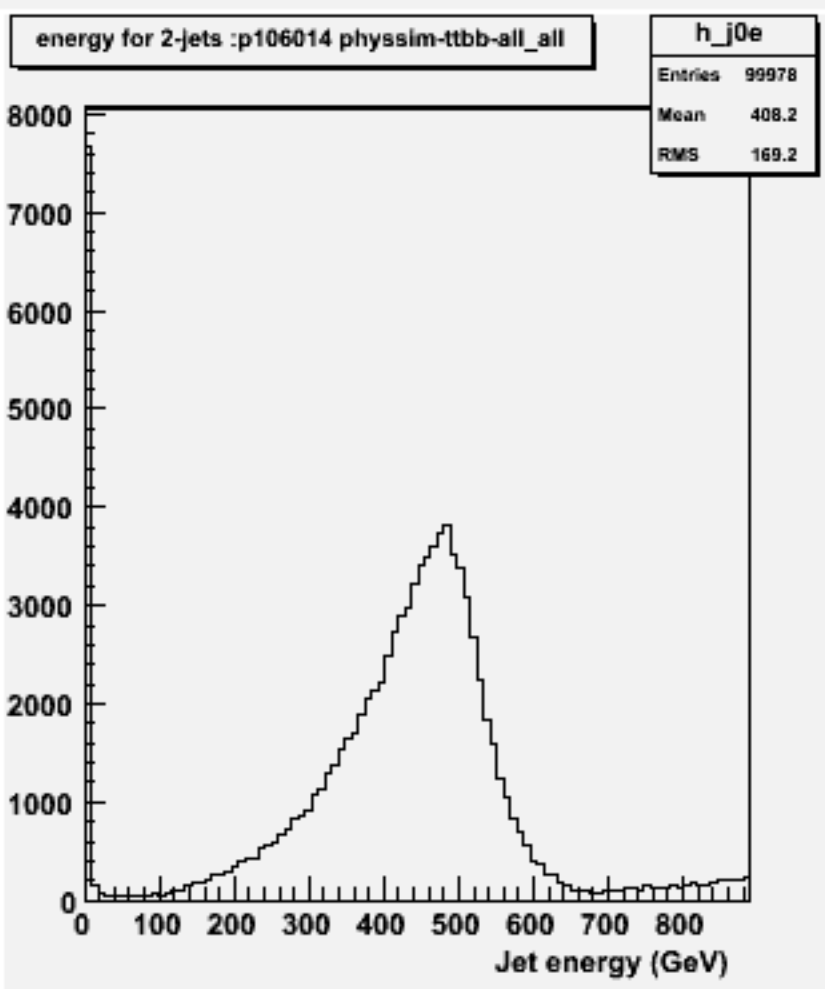
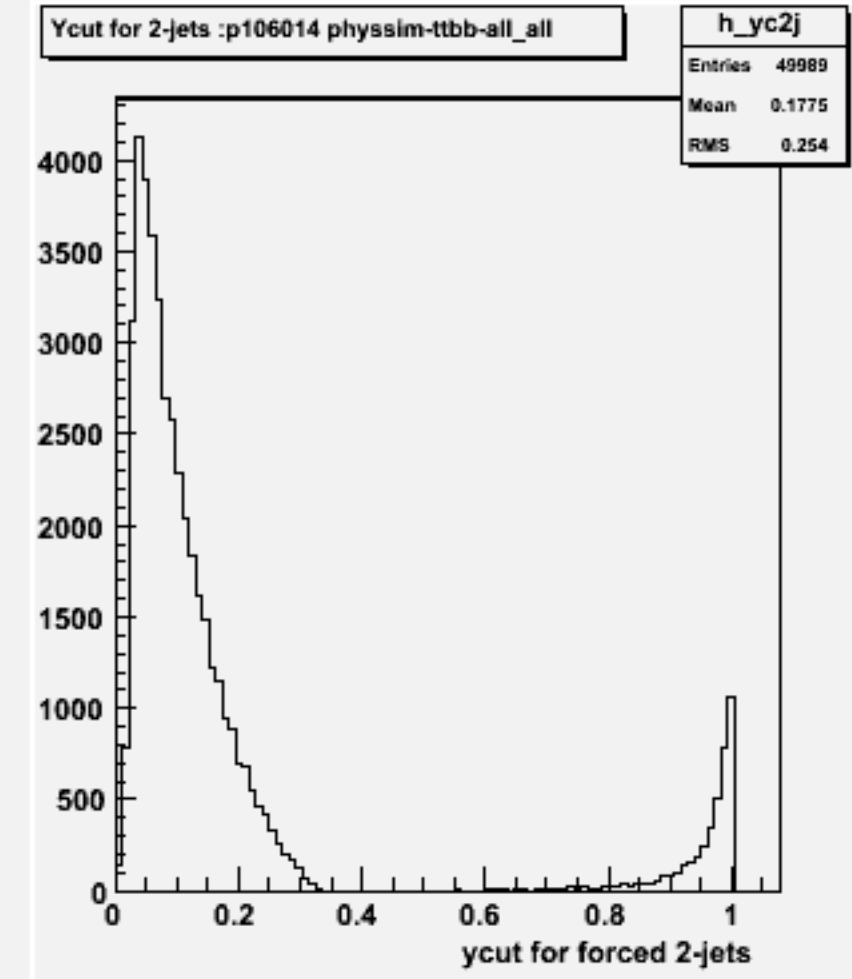
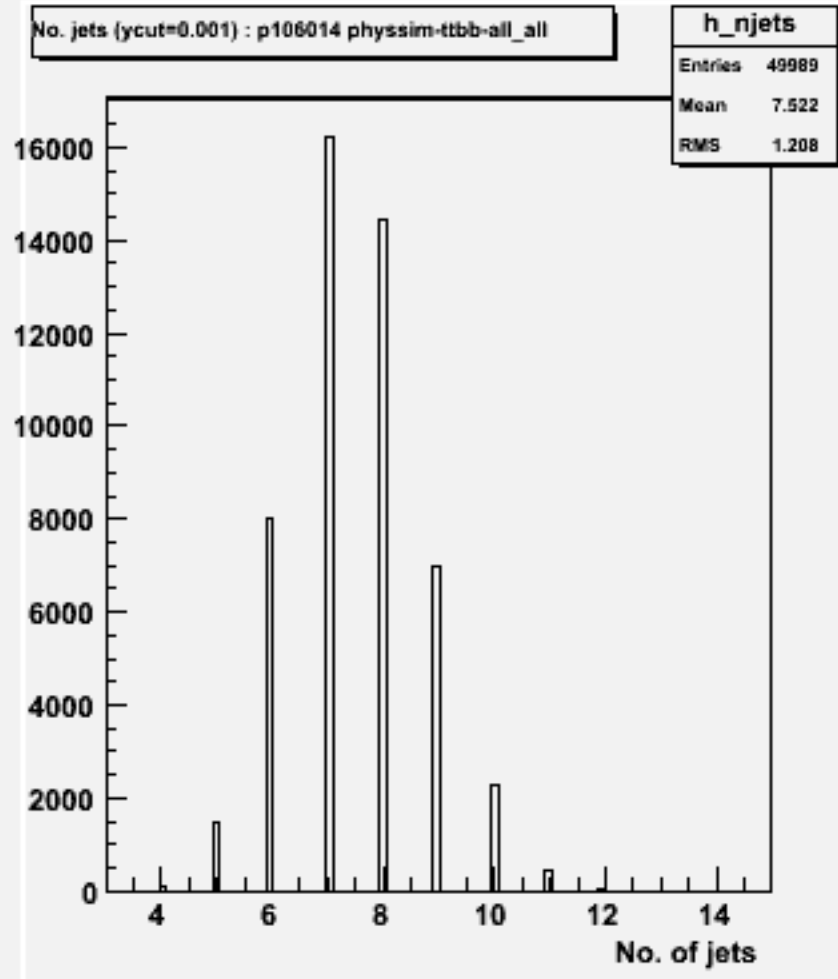
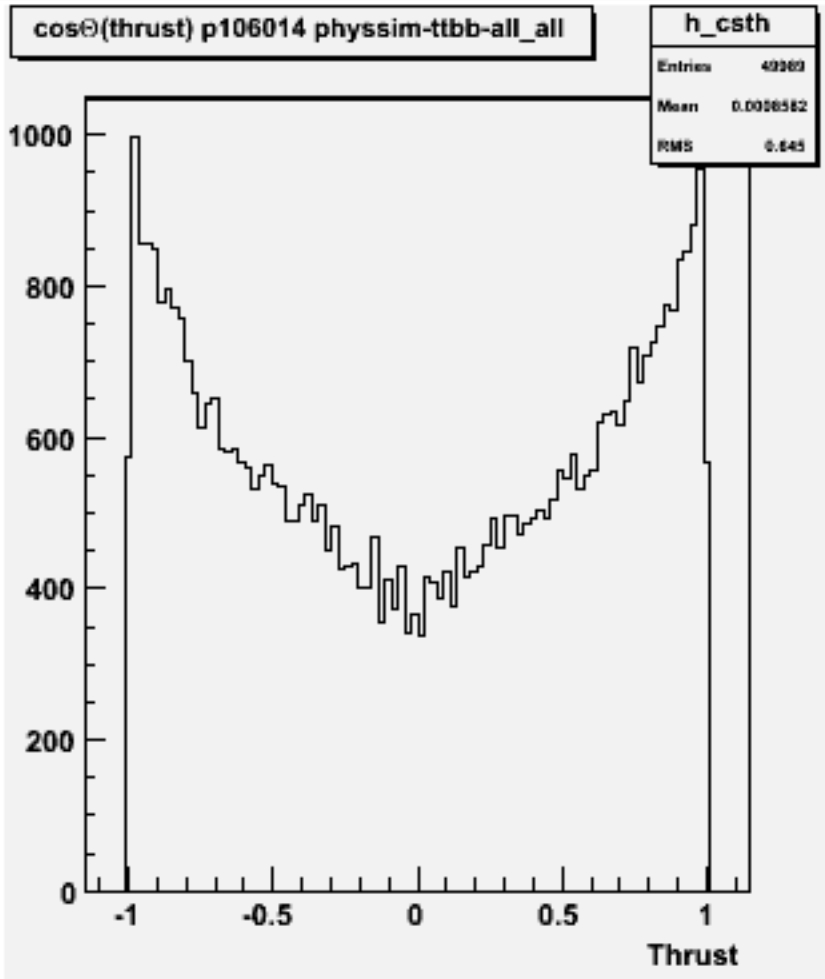


h\_vz

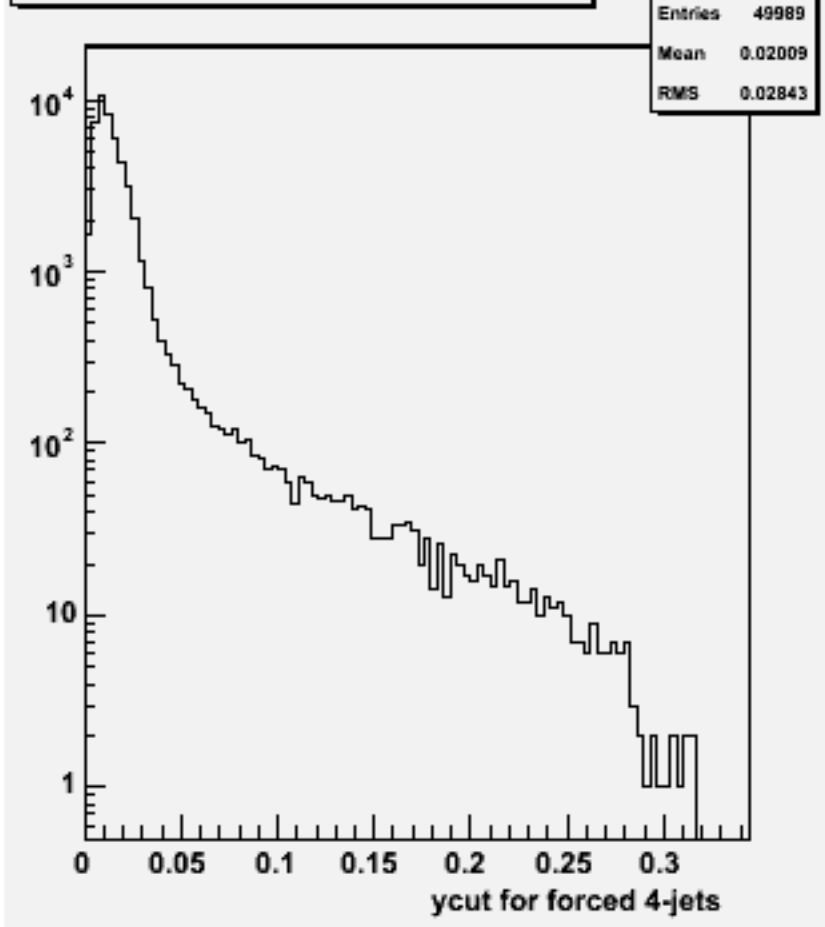
Entries	8692936
Mean	-0.01674
RMS	28.97



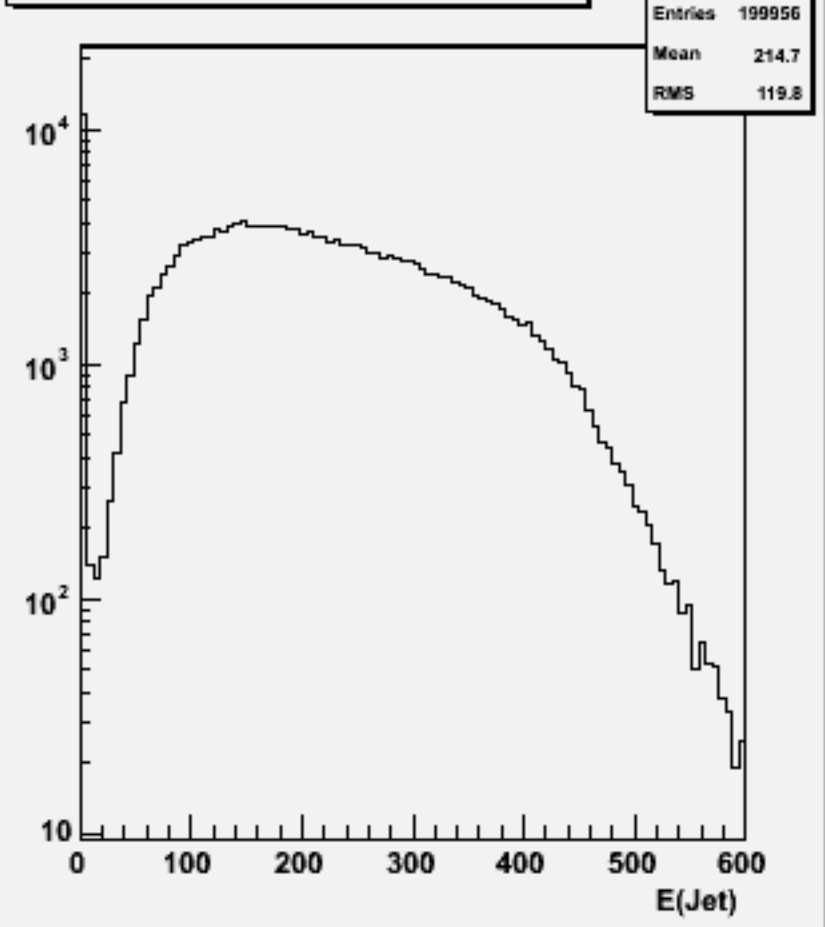
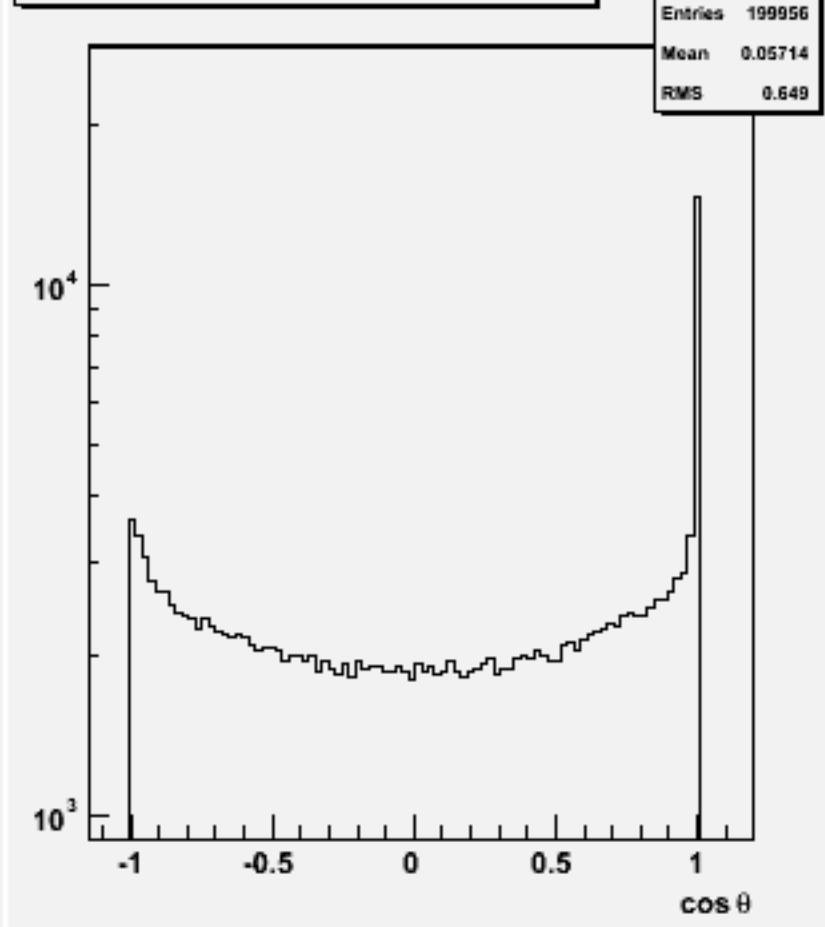




Ycut for 4-jets :p106014 physsim-ttbb-all\_all



Jet energies(All jets)p106014 physsim-ttbb-all\_all

Jet cos  $\theta$  (All jets)p106014 physsim-ttbb-all\_all

2jets mass(All comb)p106014 physsim-ttbb-all\_all

