

# Generator file information: 106464 physsim-tth-all-all

process\_id=106464

job\_date\_time=120730-164446-GMT+0900

process\_name=physsim-tth-all-all

process\_type=physsim-tth-all-all

CM\_energy\_in\_GeV=1000.0000

program\_name\_version=physsim\_dbd-01-01

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=R

polarization2=L

luminosity=19232.0313826075

cross\_section\_in\_fb=2.65115

cross\_section\_error\_in\_fb=0.000742125

lumi\_linker\_number=18

machine\_configuration=B1b\_ws

file\_type=stdhep24

total\_number\_of\_events=50987

number\_of\_files=5

file\_names=E1000-B1b\_ws.Ptth-all-all.eR.pL.Gphyssim\_dbd-01-01.I106464.001.stdhep;E1000-B1b\_ws.Ptth-all-all.eR.pL.Gphyssim\_dbd-01-01.I106464

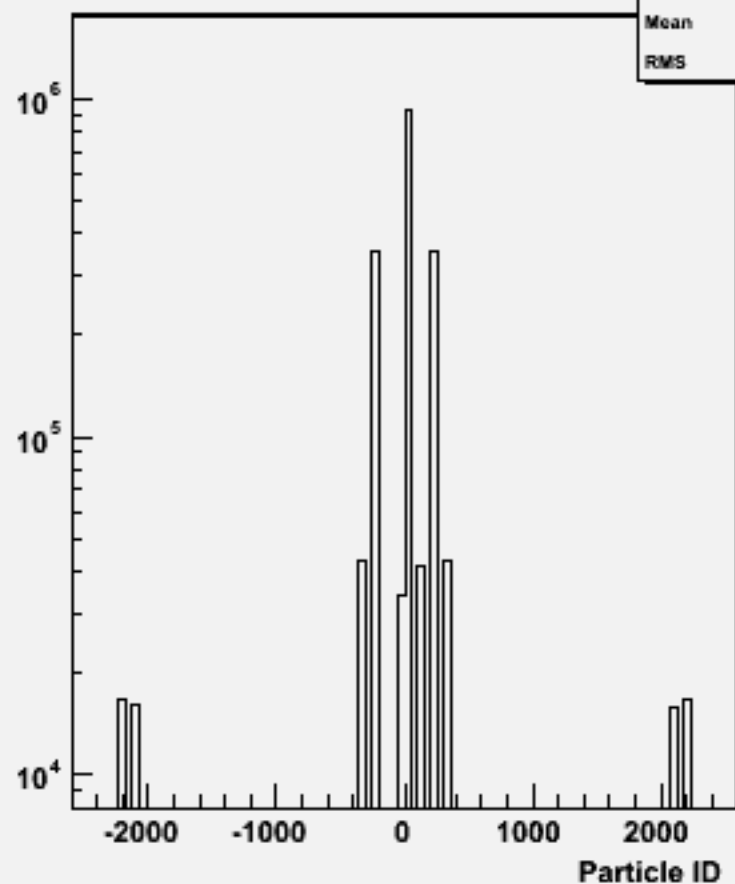
number\_of\_events\_in\_files=10484;10430;10440;10454;9192

fileurl=lfh:/grid/ilc/prod/ilc/mc-dbd/generated/1000-B1b\_ws/tth

logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000-B1b\_ws/run\_output/E1000-B1b\_ws.Ptth-all-all.eR.pL.Gphyssim\_dbd-01-01.I106464

higgs\_mass=125.0

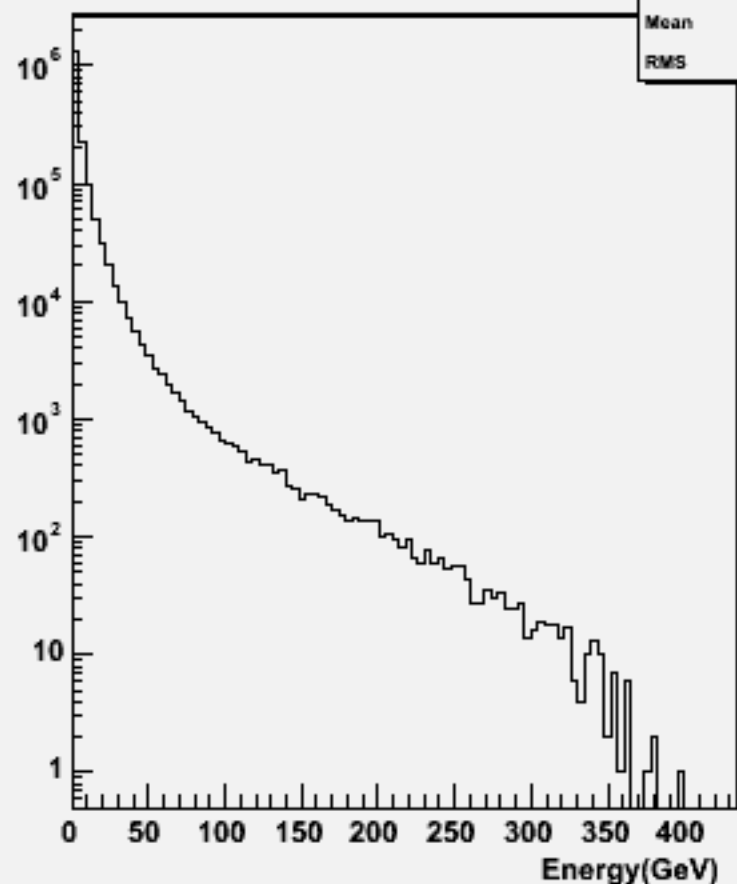
Particle ID : 106464 physsim-tth-all-all



h\_id

|                 |
|-----------------|
| Entries 1852858 |
| Mean 13.4       |
| RMS 434.1       |

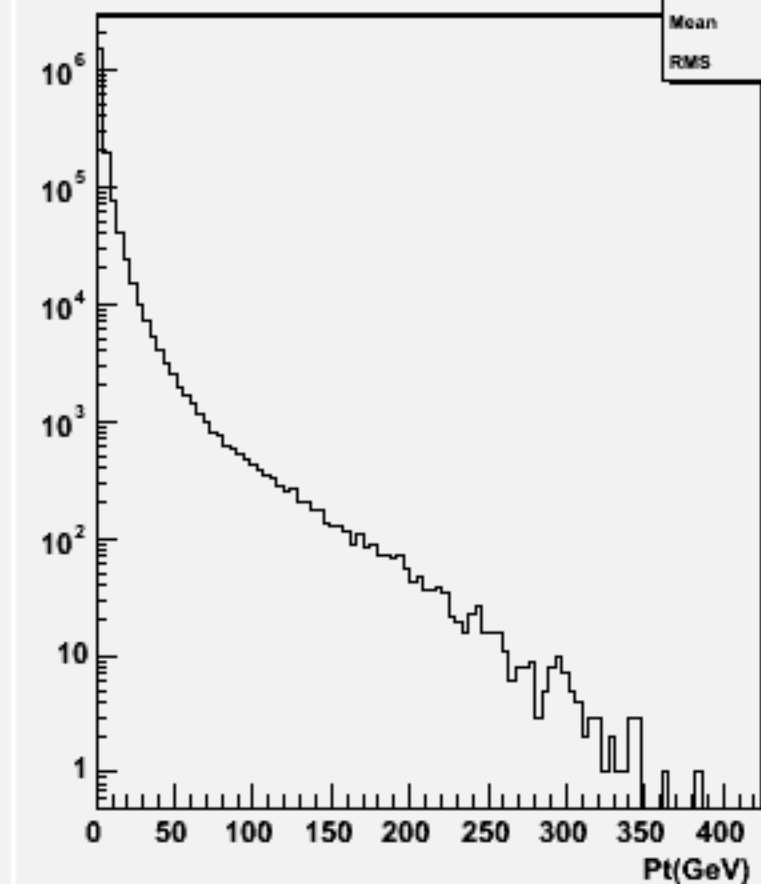
Particle Energy : 106464 physsim-tth-all-all



h\_e

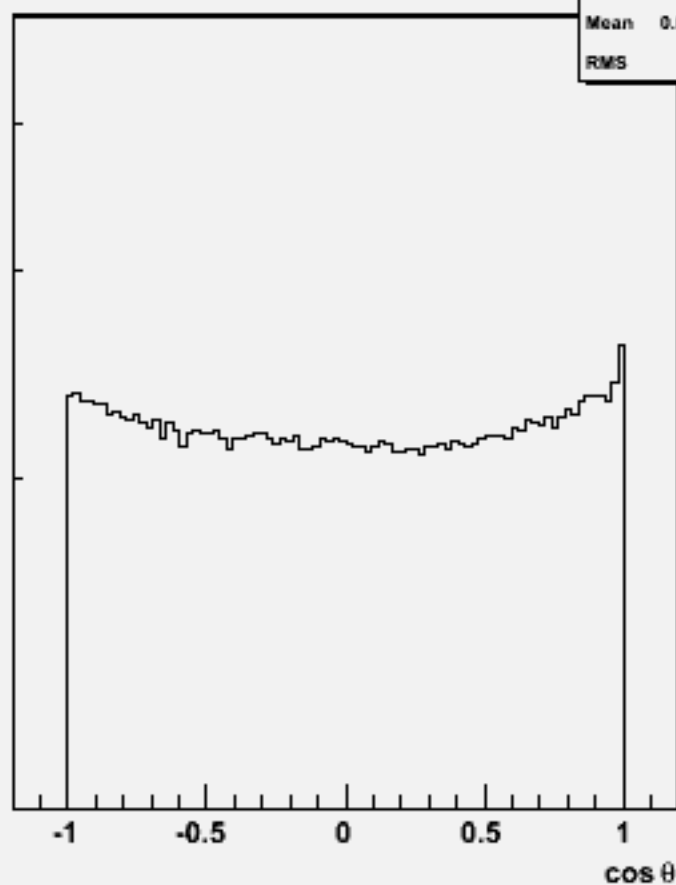
|                 |
|-----------------|
| Entries 1852858 |
| Mean 5.386      |
| RMS 13.98       |

Particle Pt : 106464 physsim-tth-all-all



h\_pt

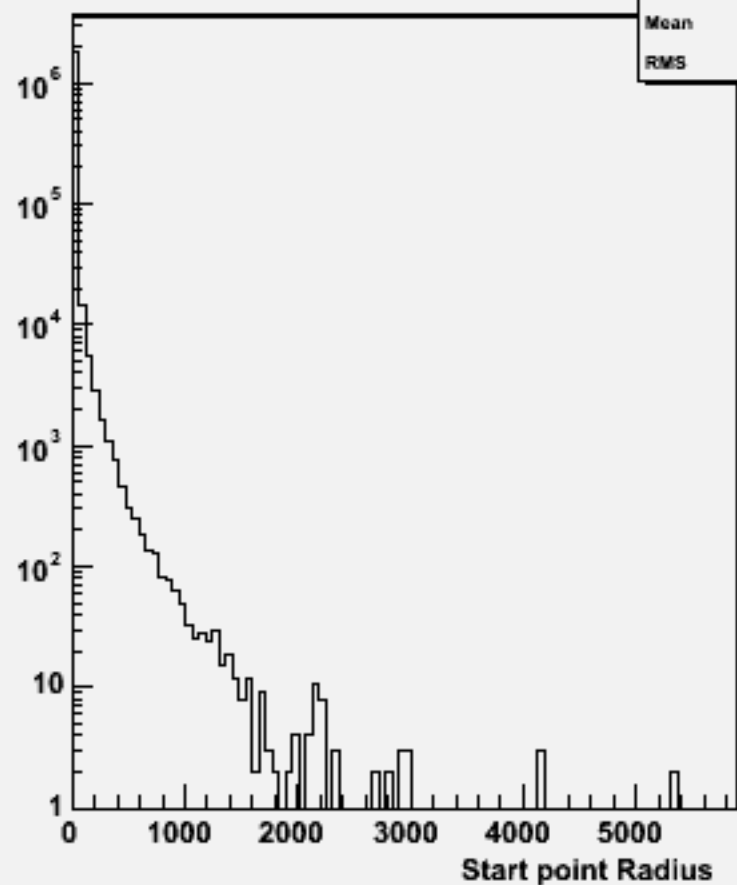
|                 |
|-----------------|
| Entries 1852858 |
| Mean 4.045      |
| RMS 10.68       |

Particle cos  $\theta$  : 106464 physsim-tth-all-all

h\_cs

|                 |
|-----------------|
| Entries 1852858 |
| Mean 0.001711   |
| RMS 0.591       |

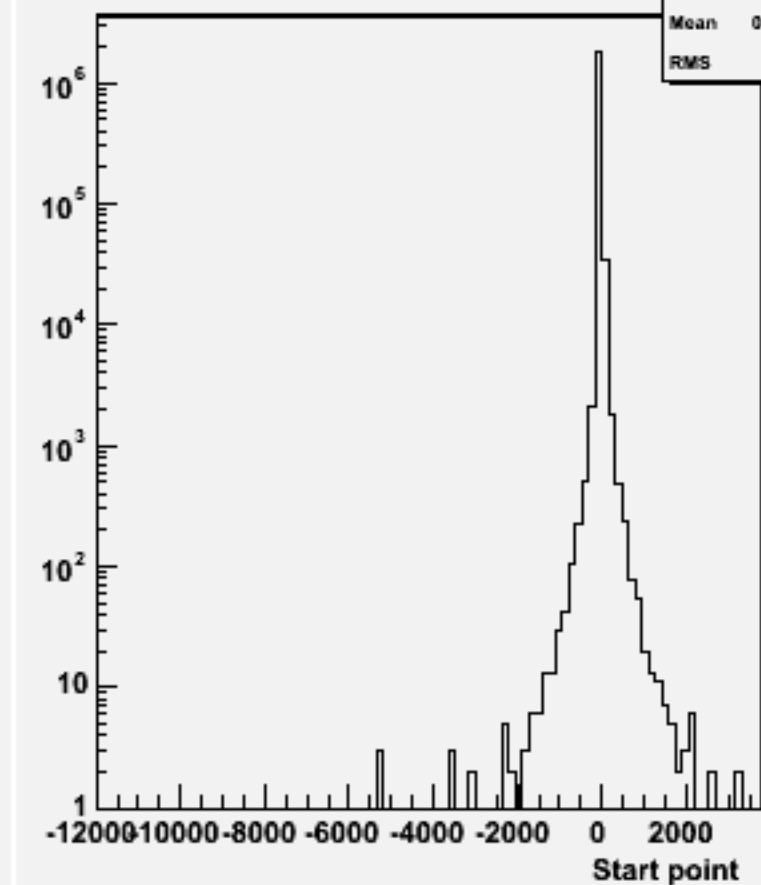
Start point R : 106464 physsim-tth-all-all



h\_vr

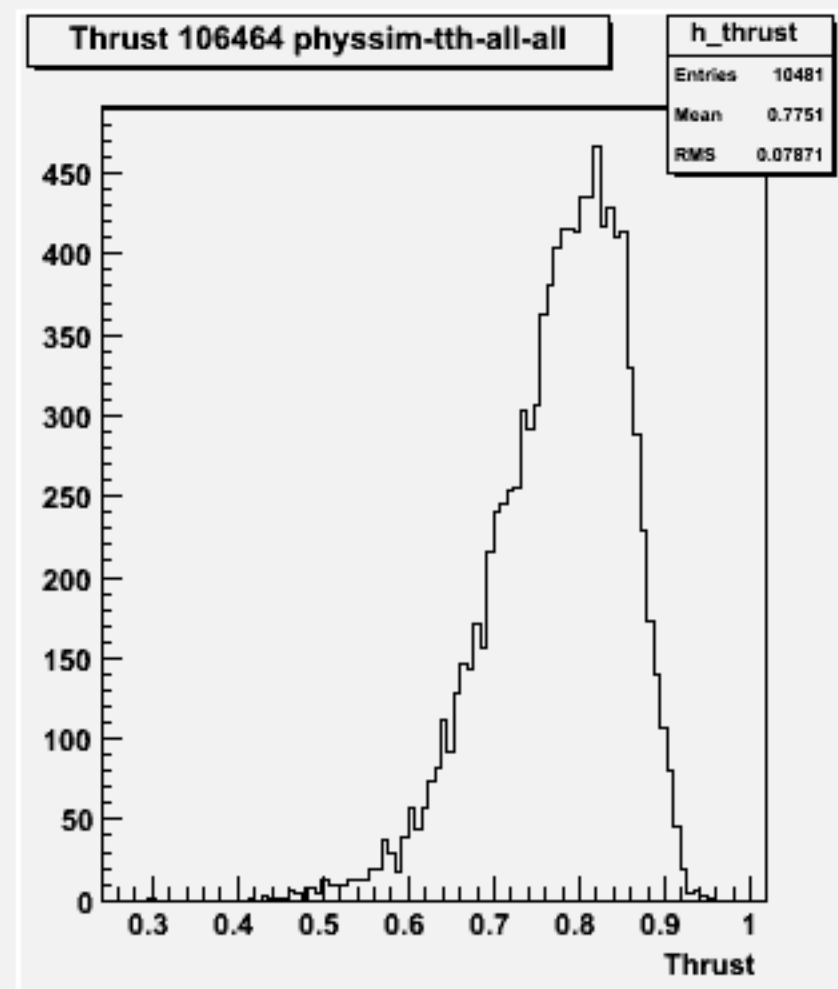
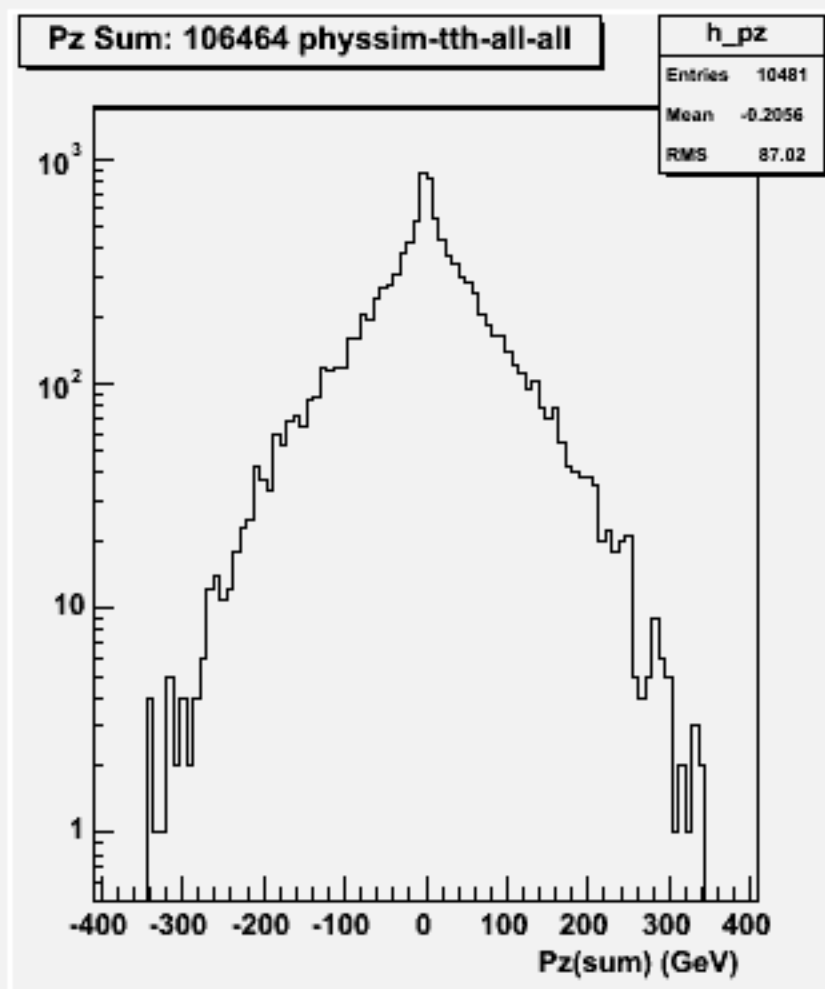
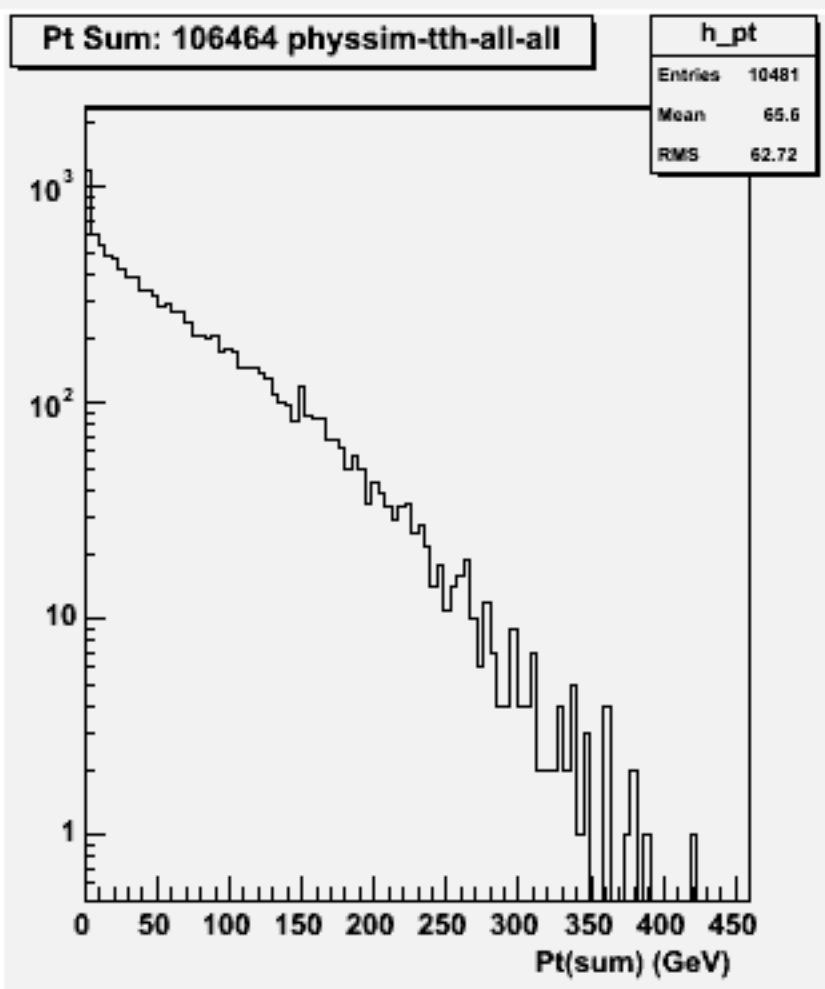
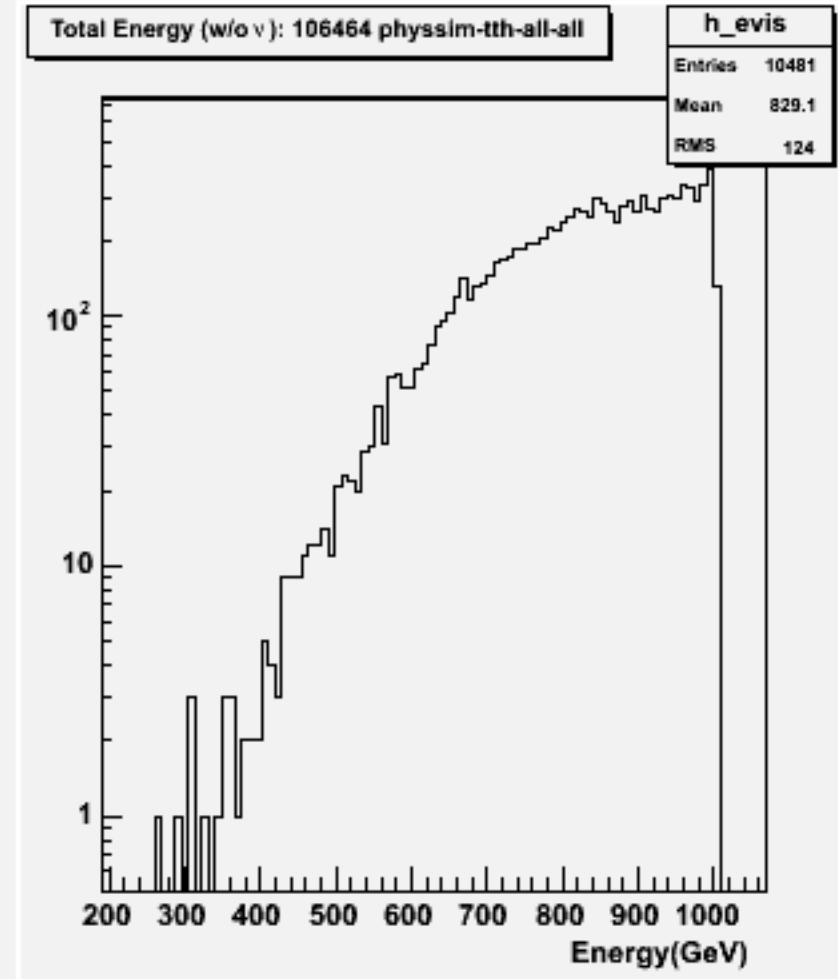
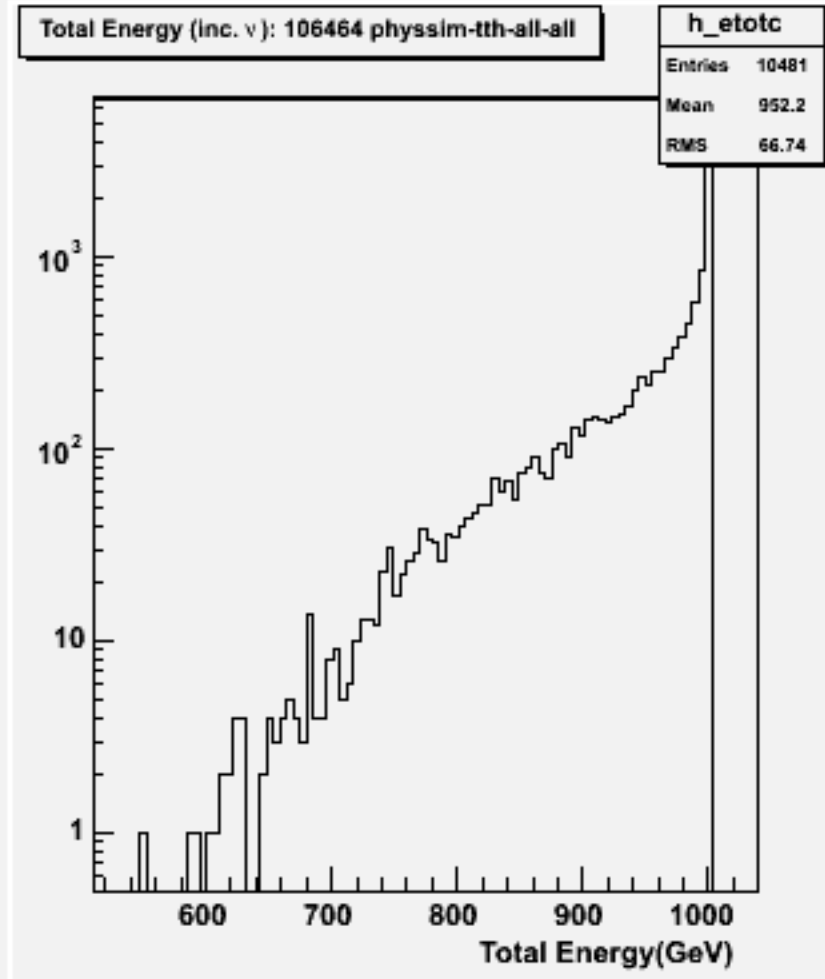
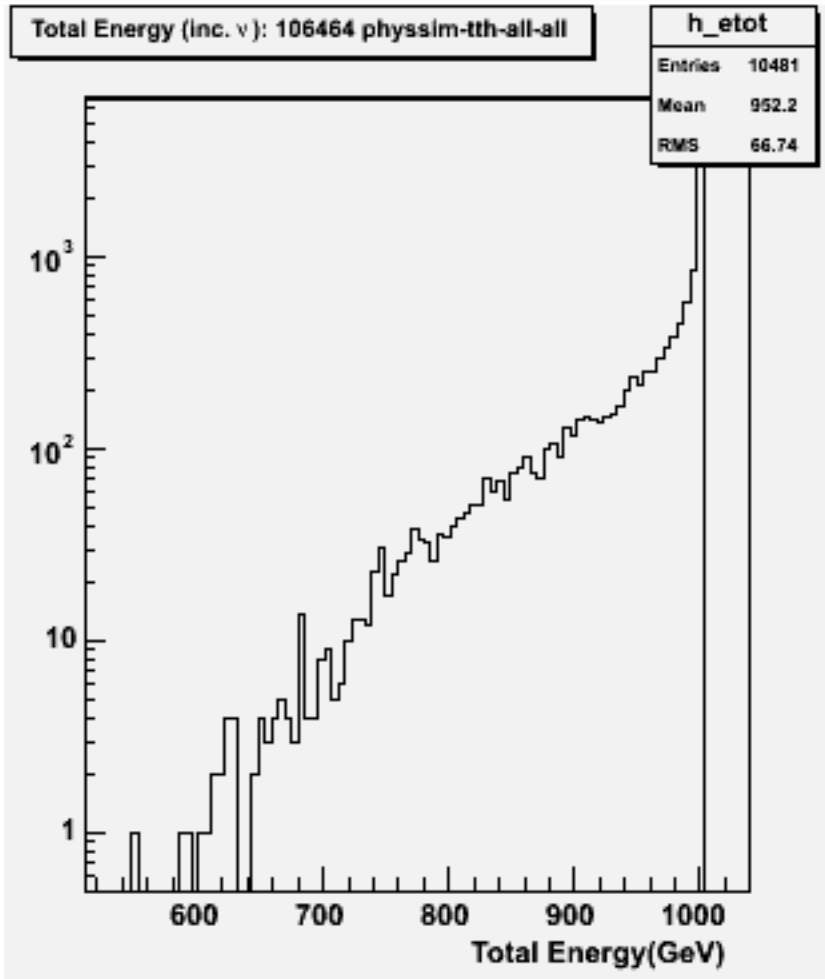
|                 |
|-----------------|
| Entries 1852858 |
| Mean 3.889      |
| RMS 33.41       |

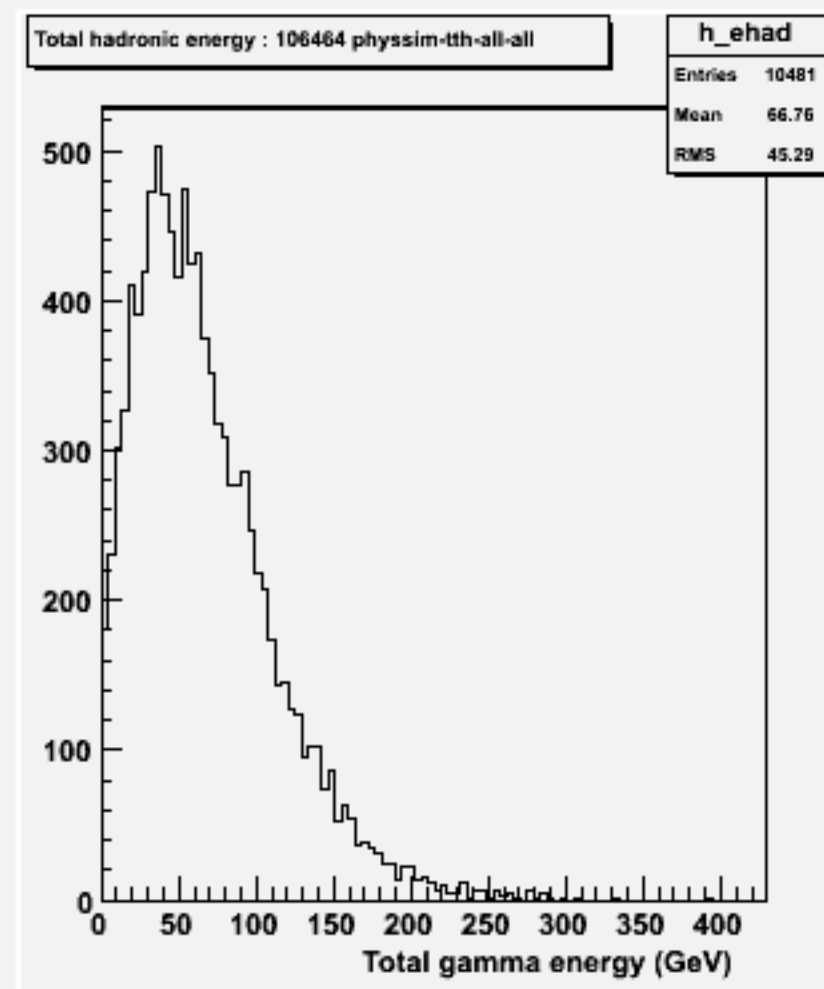
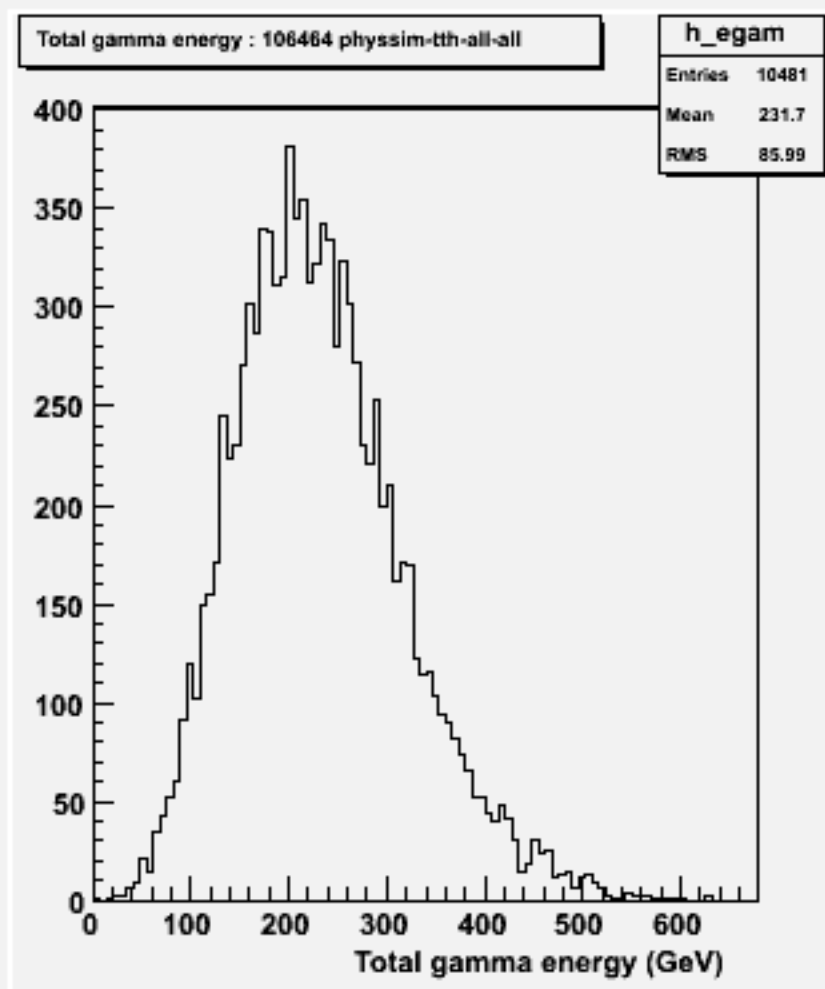
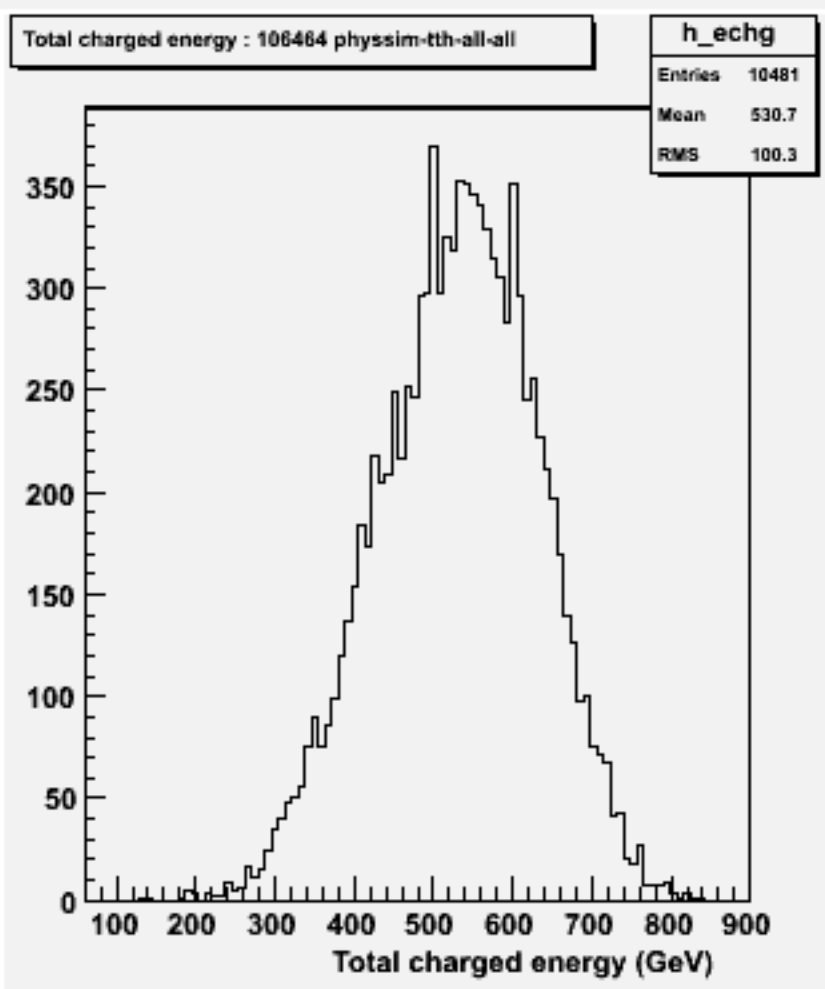
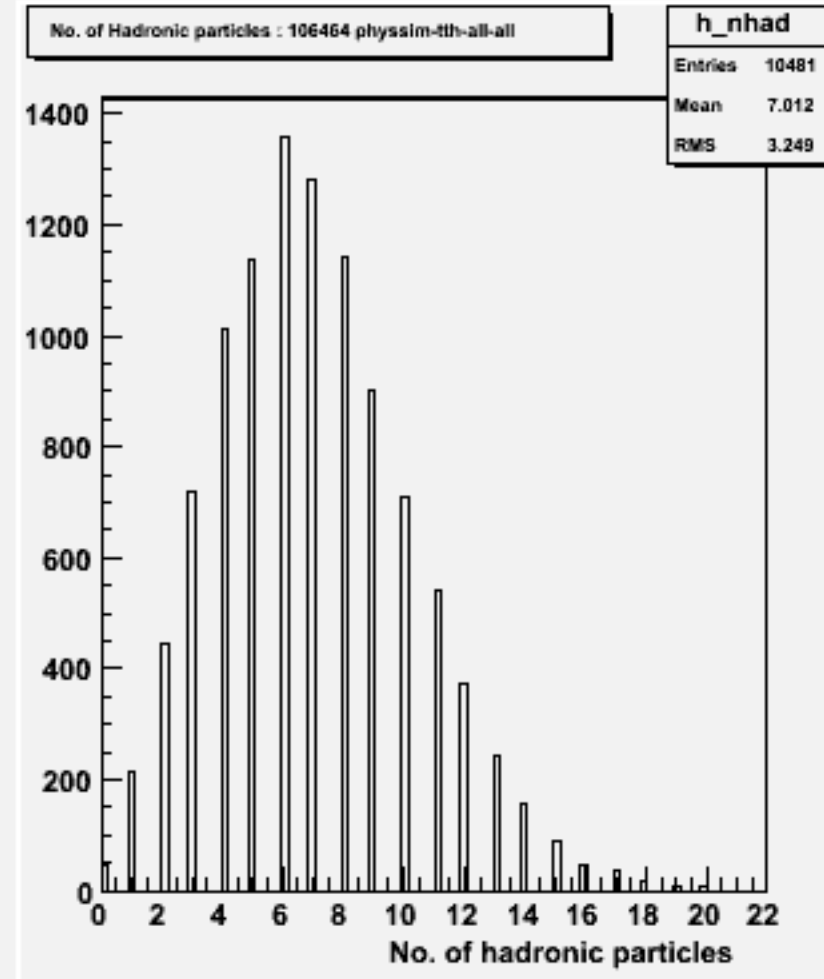
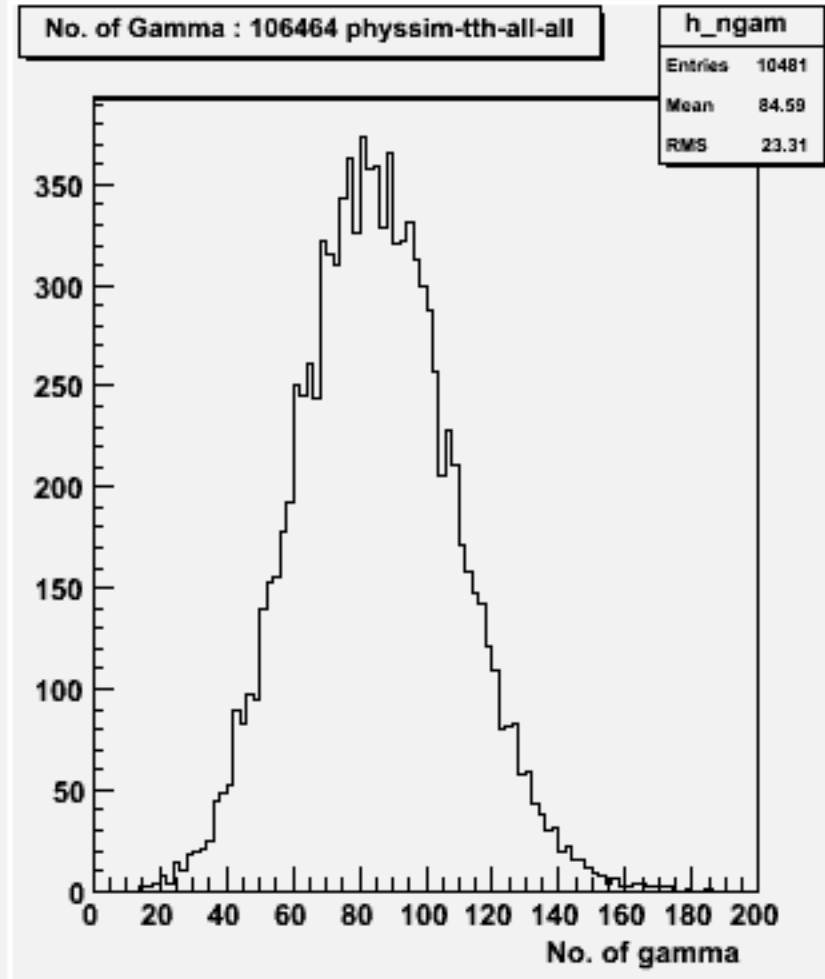
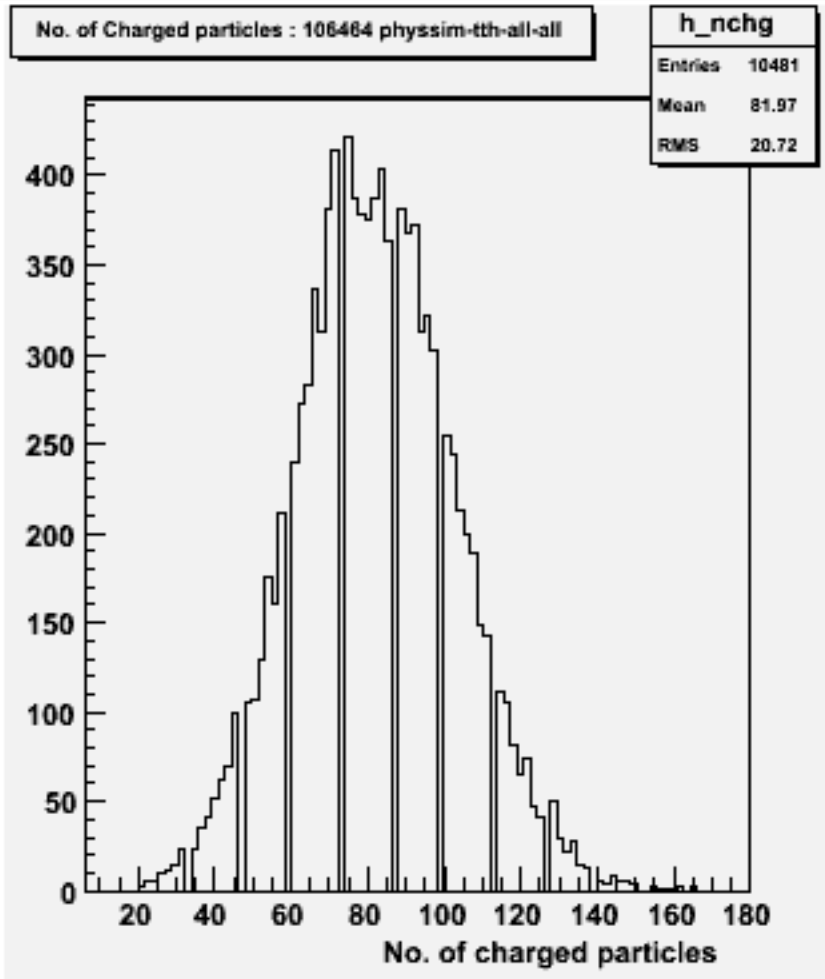
Start point Z : 106464 physsim-tth-all-all

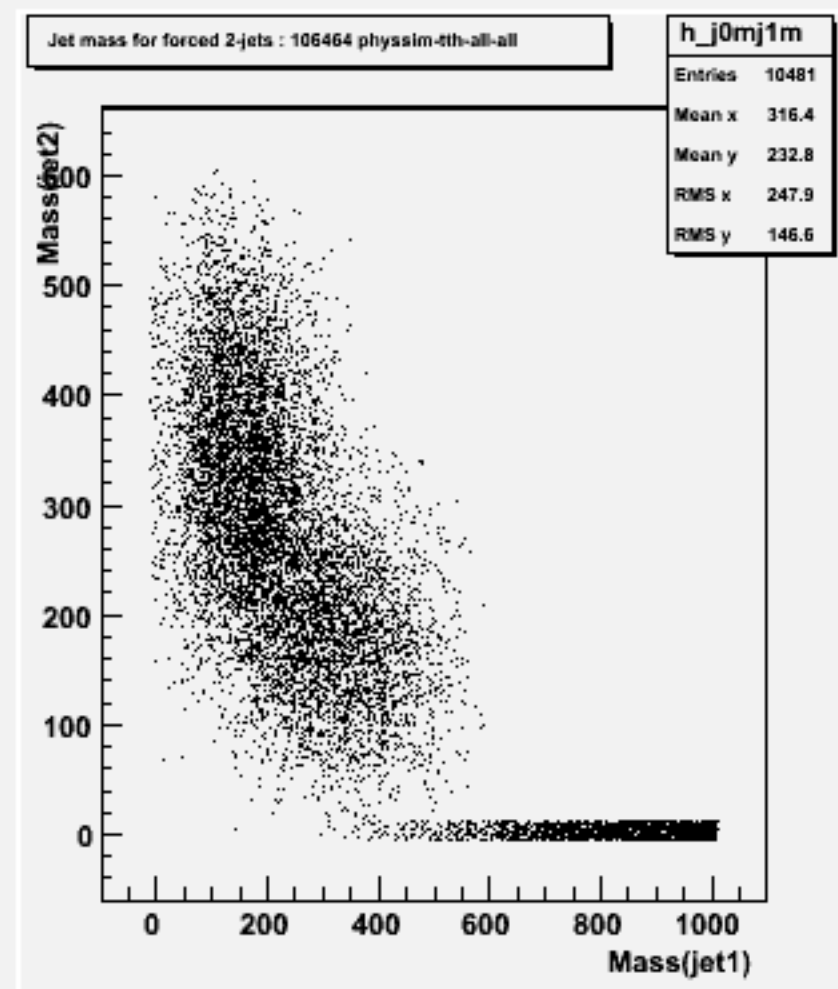
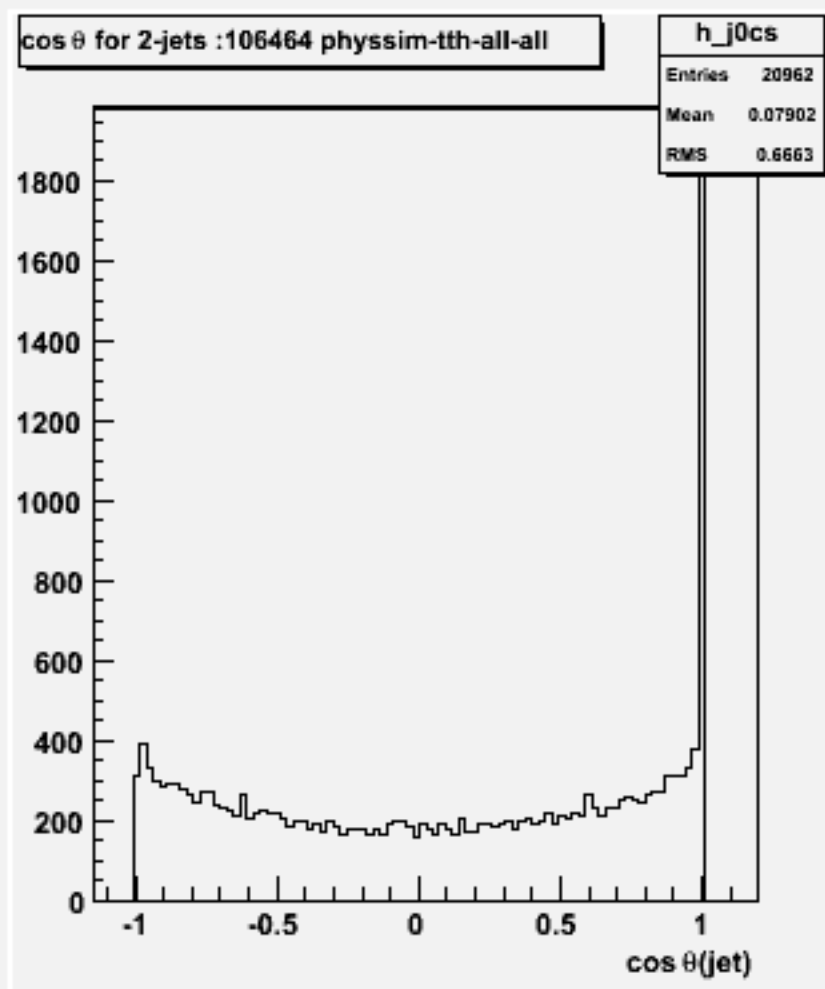
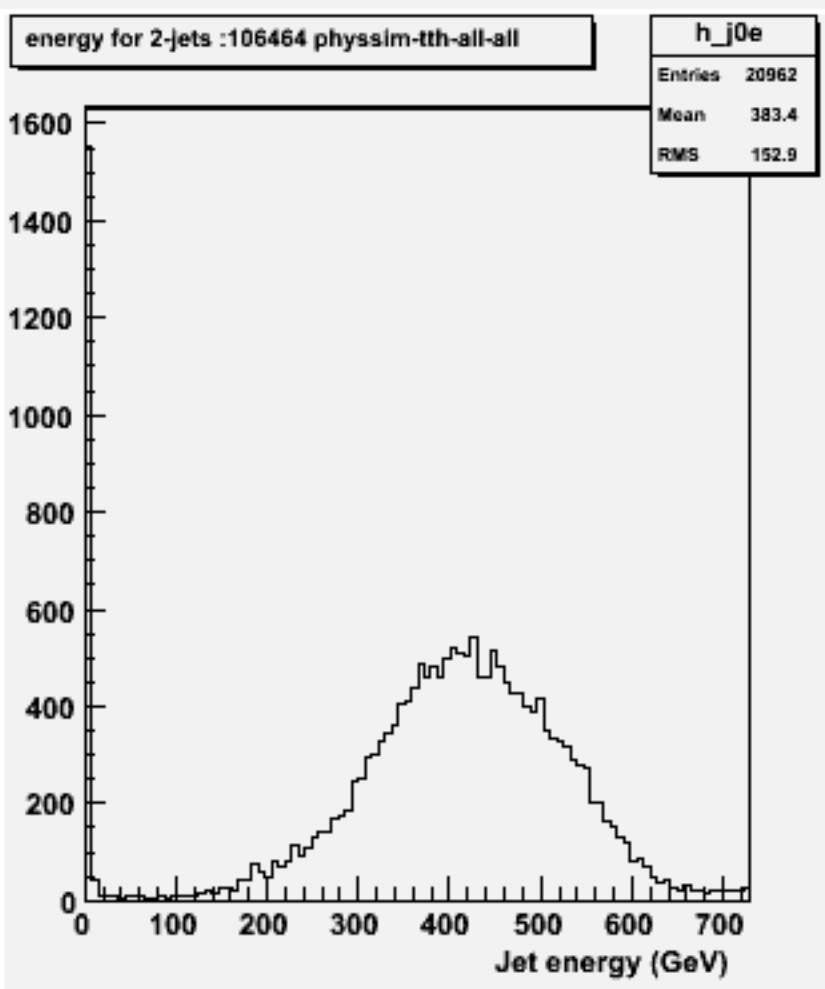
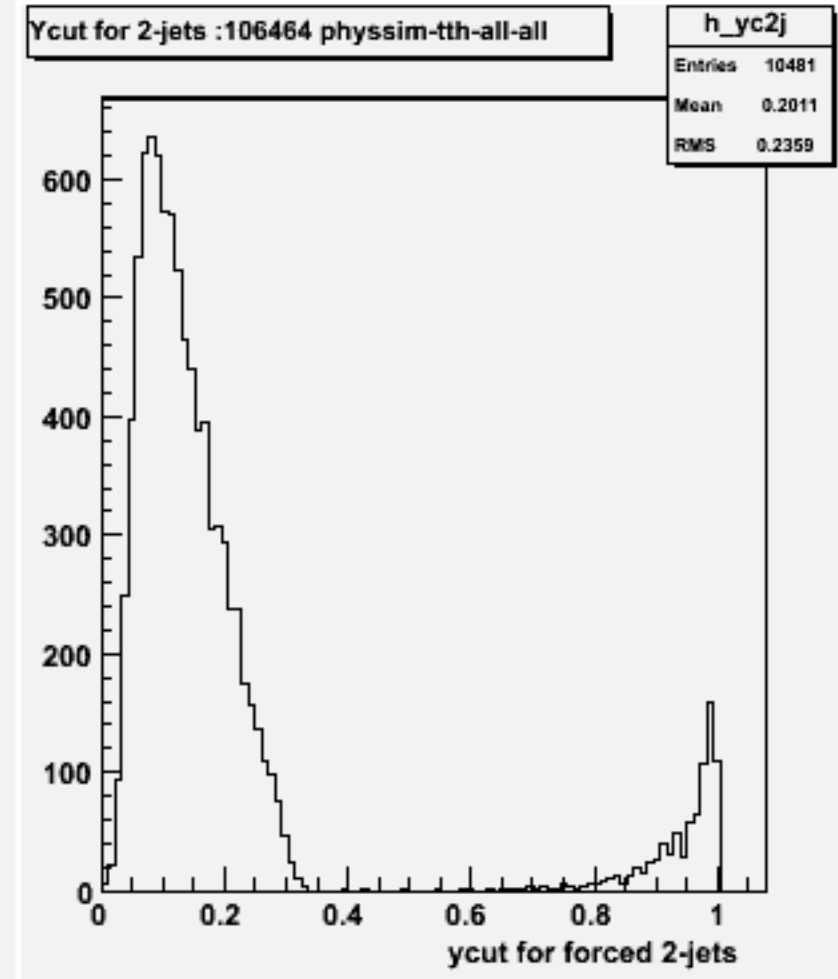
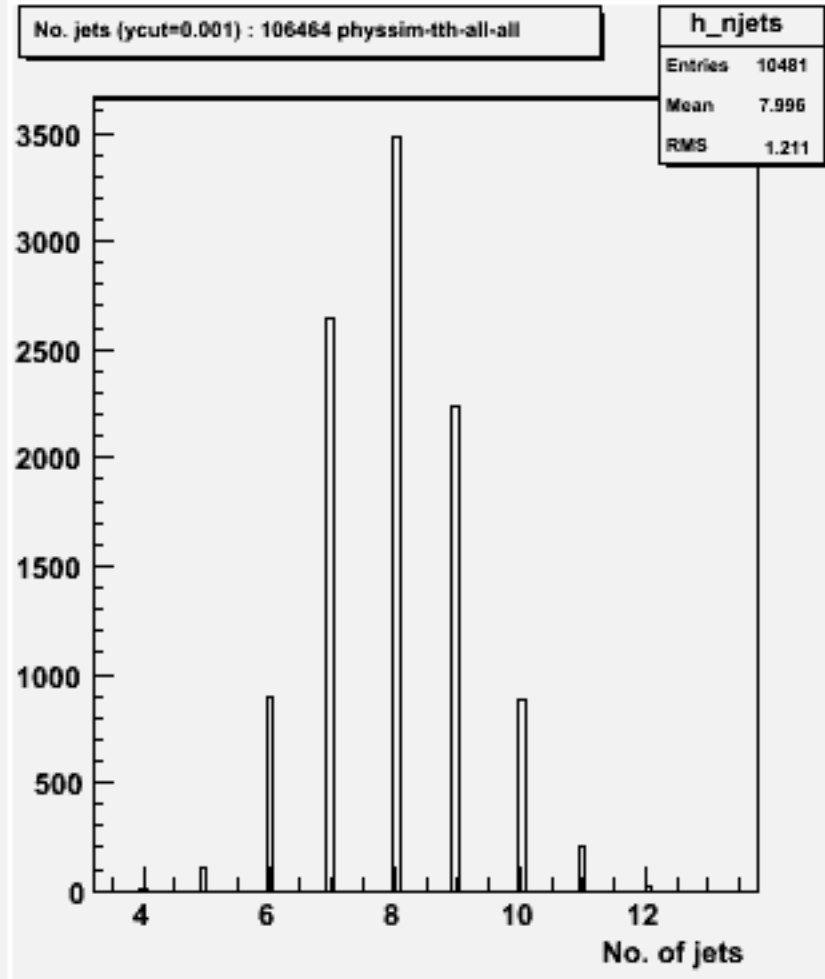
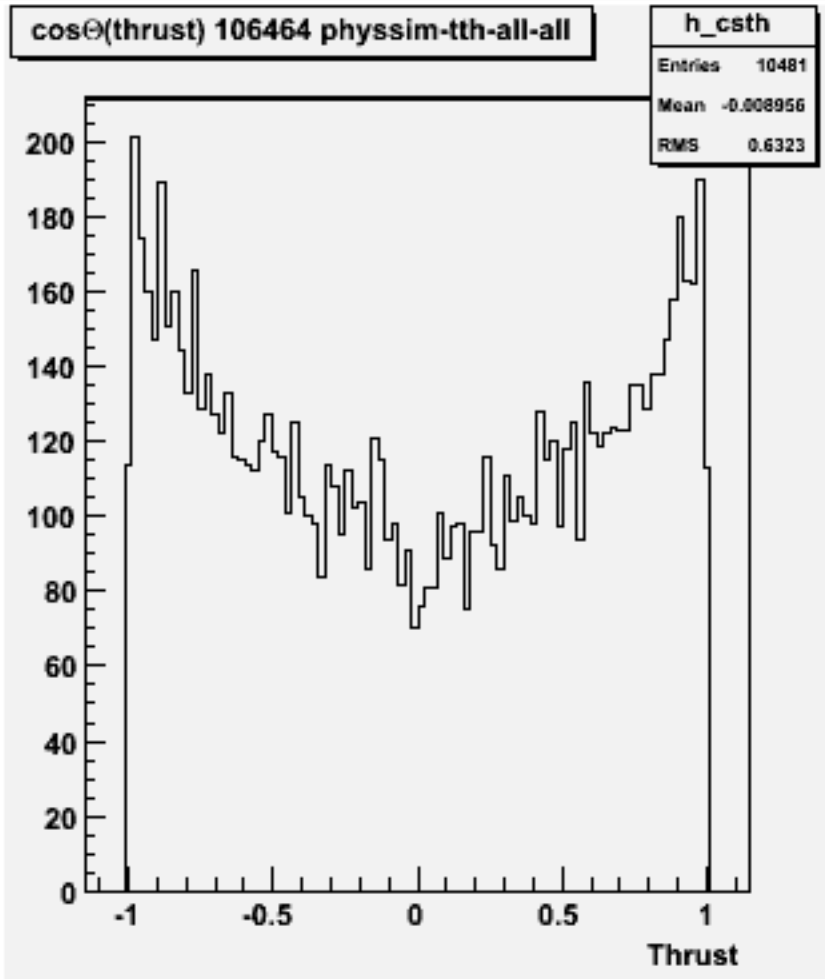


h\_vz

|                 |
|-----------------|
| Entries 1852858 |
| Mean 0.01105    |
| RMS 25.91       |



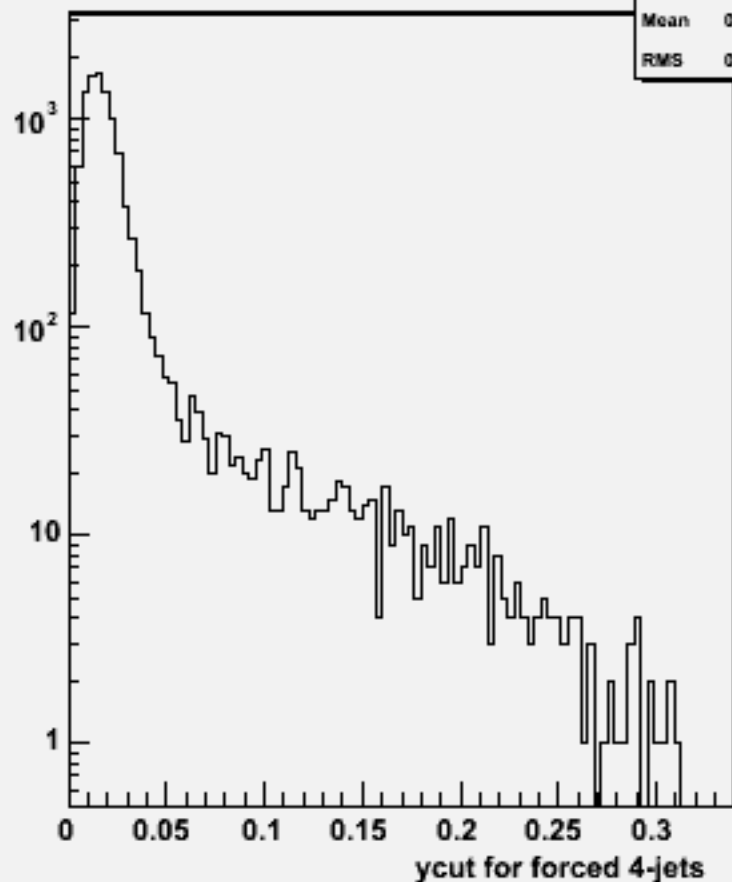




Ycut for 4-jets :106464 physsim-tth-all-all

h\_yc4j

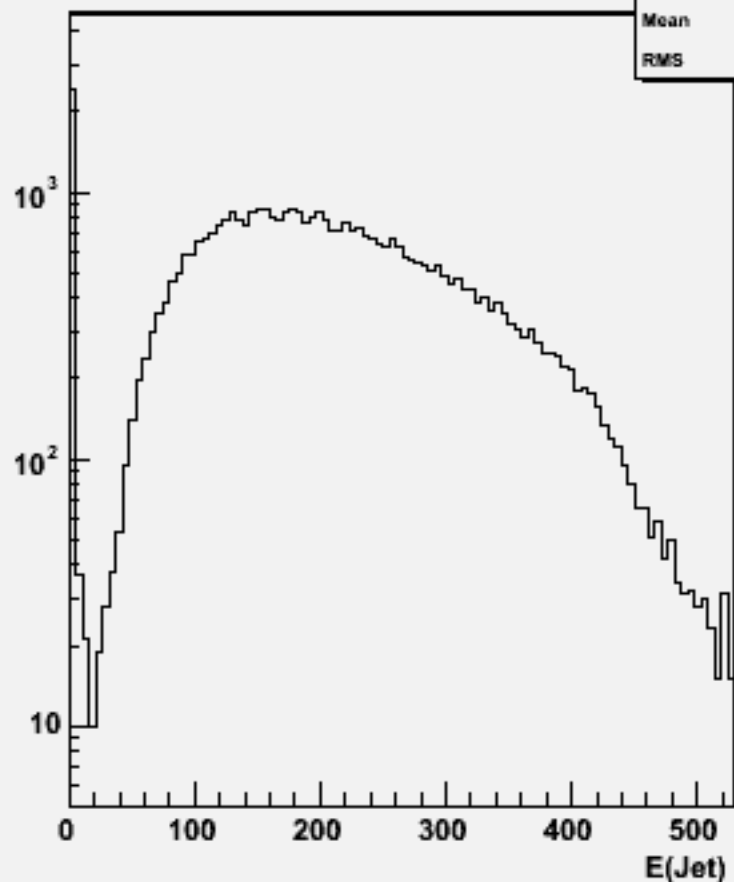
|         |         |
|---------|---------|
| Entries | 10481   |
| Mean    | 0.02661 |
| RMS     | 0.03569 |



Jet energies(All jets)106464 physsim-tth-all-all

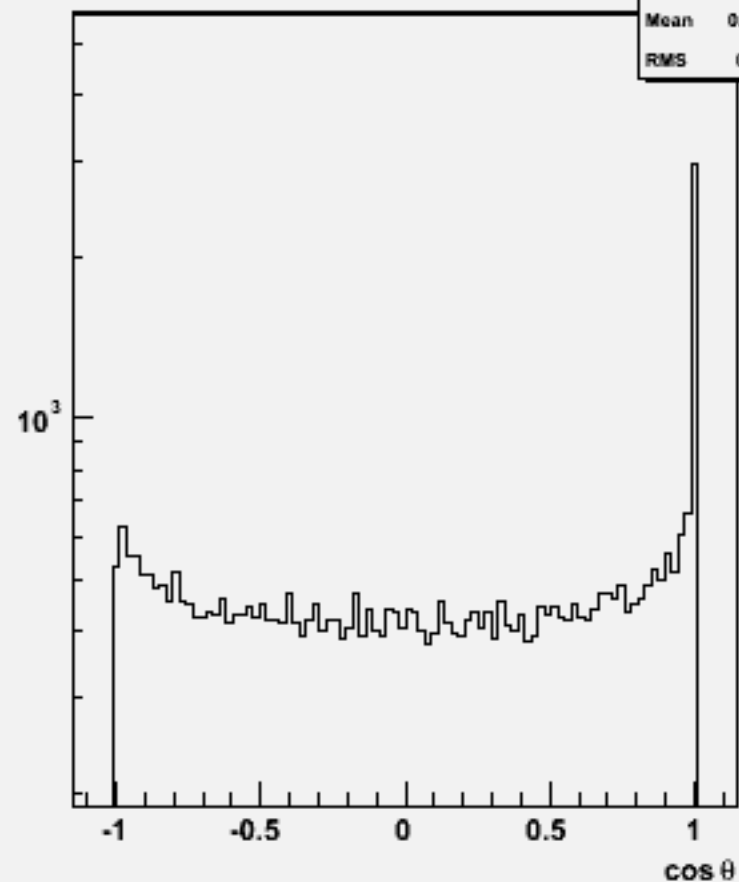
ha\_j0e

|         |       |
|---------|-------|
| Entries | 41924 |
| Mean    | 205.7 |
| RMS     | 108.2 |

Jet cos  $\theta$  (All jets)106464 physsim-tth-all-all

ha\_j0cs

|         |         |
|---------|---------|
| Entries | 41924   |
| Mean    | 0.06099 |
| RMS     | 0.6355  |



2jets mass(All comb)106464 physsim-tth-all-all

ha\_m01

|         |       |
|---------|-------|
| Entries | 62886 |
| Mean    | 319.7 |
| RMS     | 153.9 |

