

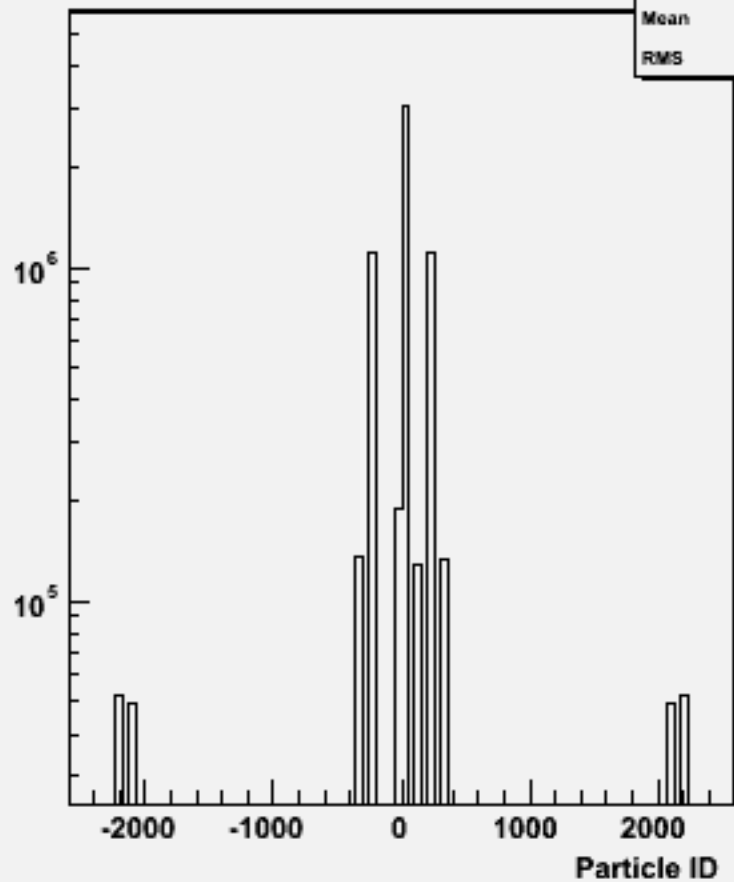
Generator file information: p106147 physsim-ttz-2l2nbb_z

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process_type=physsim-ttz-2l2nbb_zqq
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=47722.0010881704
cross_section_in_fb=1.04763
cross_section_error_in_fb=0.000317879
lumi_file=/nfs/g/ilc/soft/utis64/energy_spread/lumi_linker_012
file_type=stdhep
total_number_of_events=49995
number_of_files=1
file_names=p106147_01.stdhep
number_of_events_in_files=49995
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/1000
logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000/run_output/p106147

Particle ID : p106147 physsim-ttz-2l2nbb_zqq

h_id

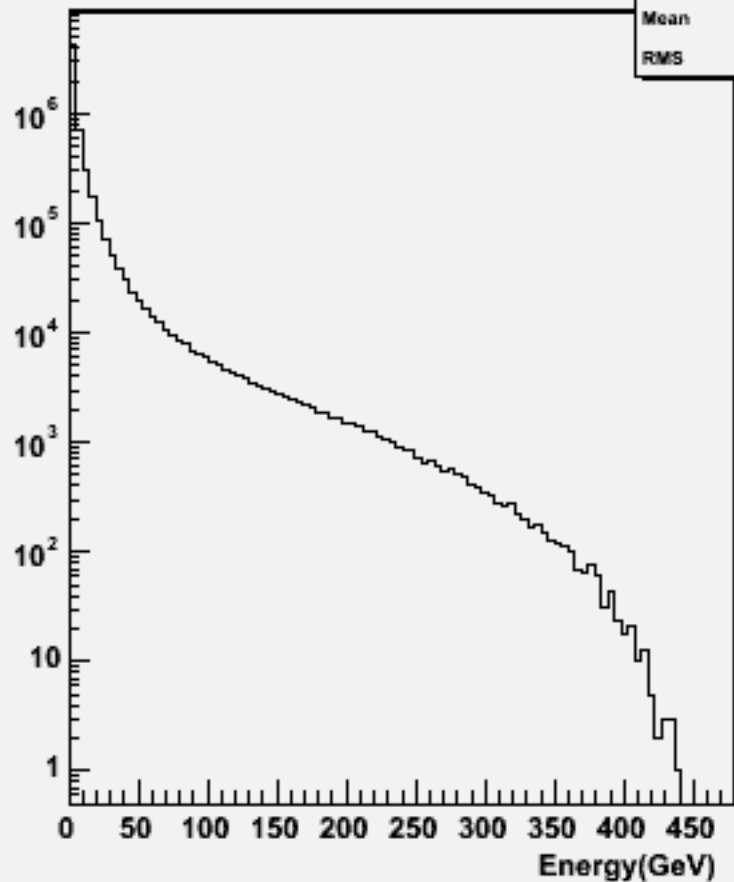
Entries	6068120
Mean	13.09
RMS	422.4



Particle Energy : p106147 physsim-ttz-2l2nbb_zqq

h_e

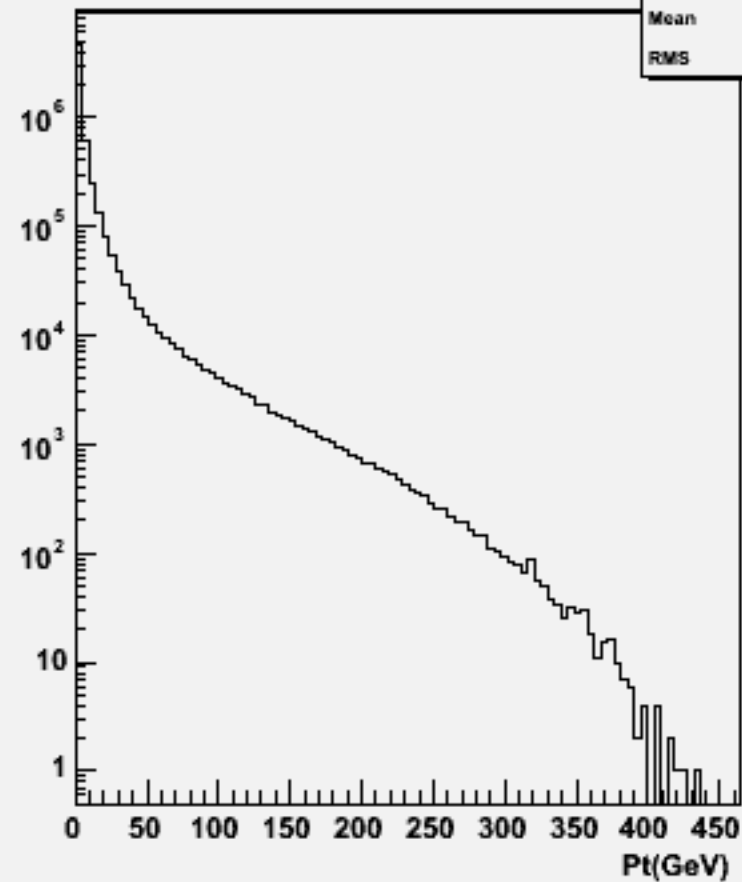
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Mean	8.052
RMS	23.14



Particle Pt : p106147 physsim-ttz-2l2nbb_zqq

h_pt

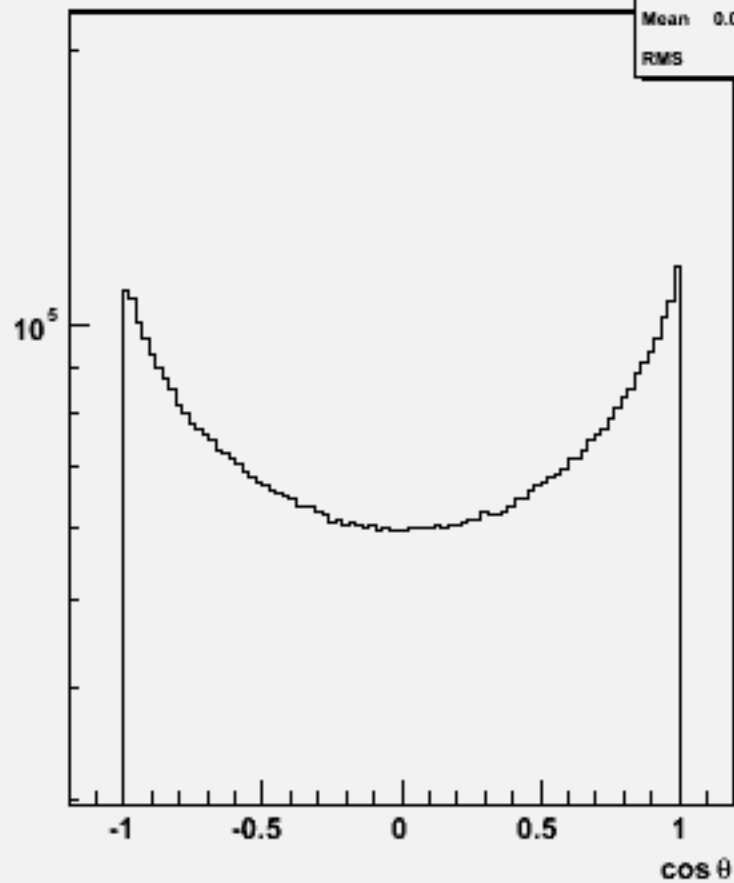
Entries	6068120
Mean	5.706
RMS	17.28



Particle cos θ : p106147 physsim-ttz-2l2nbb_zqq

h_cs

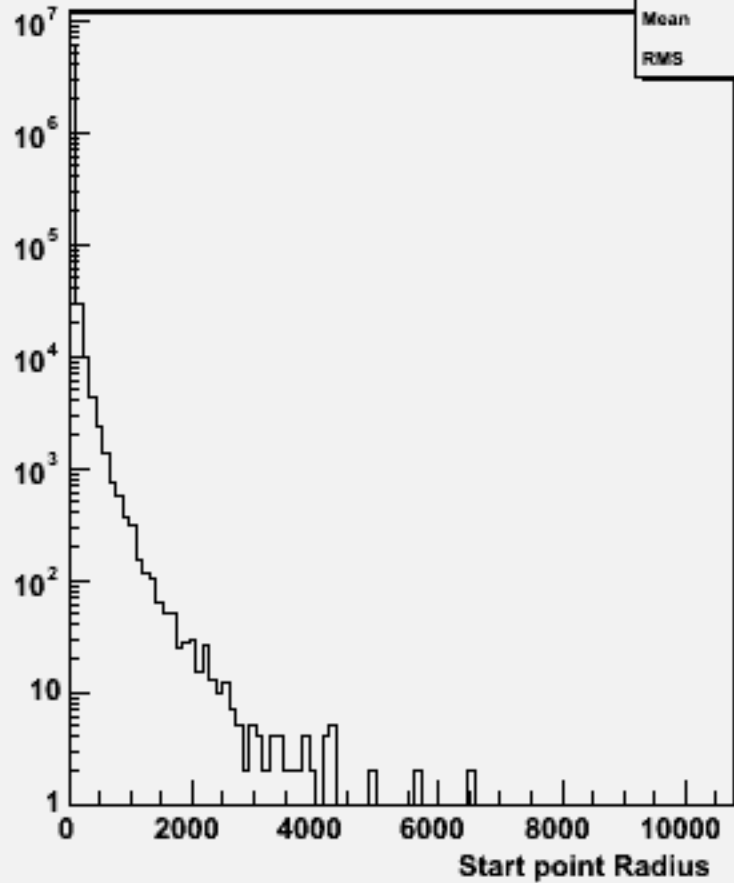
Entries	6068120
Mean	0.001354
RMS	0.6289



Start point R : p106147 physsim-ttz-2l2nbb_zqq

h_vr

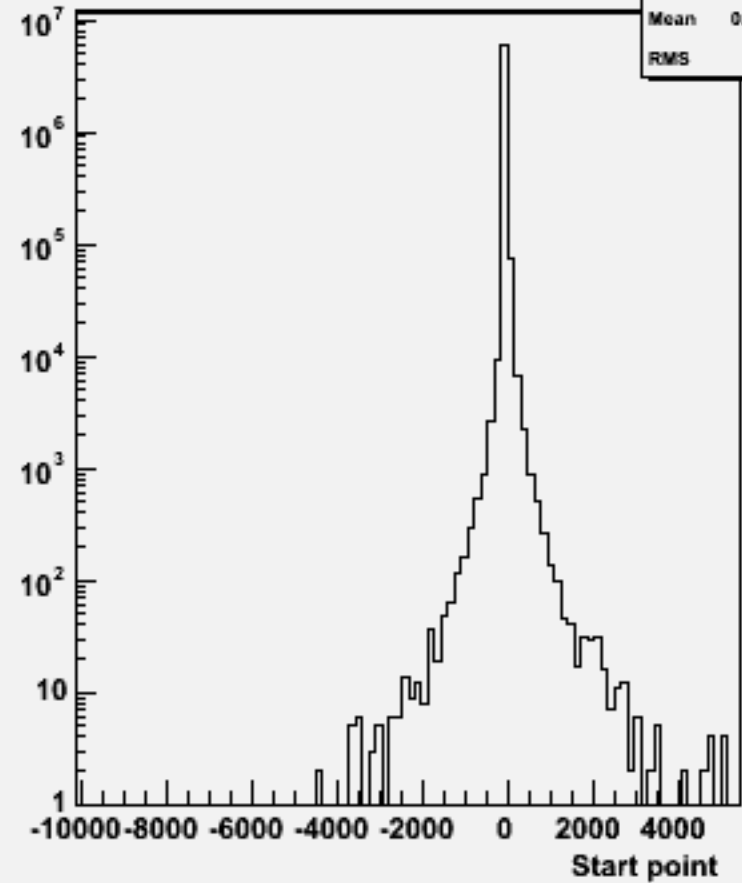
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Mean	3.827
RMS	34.45

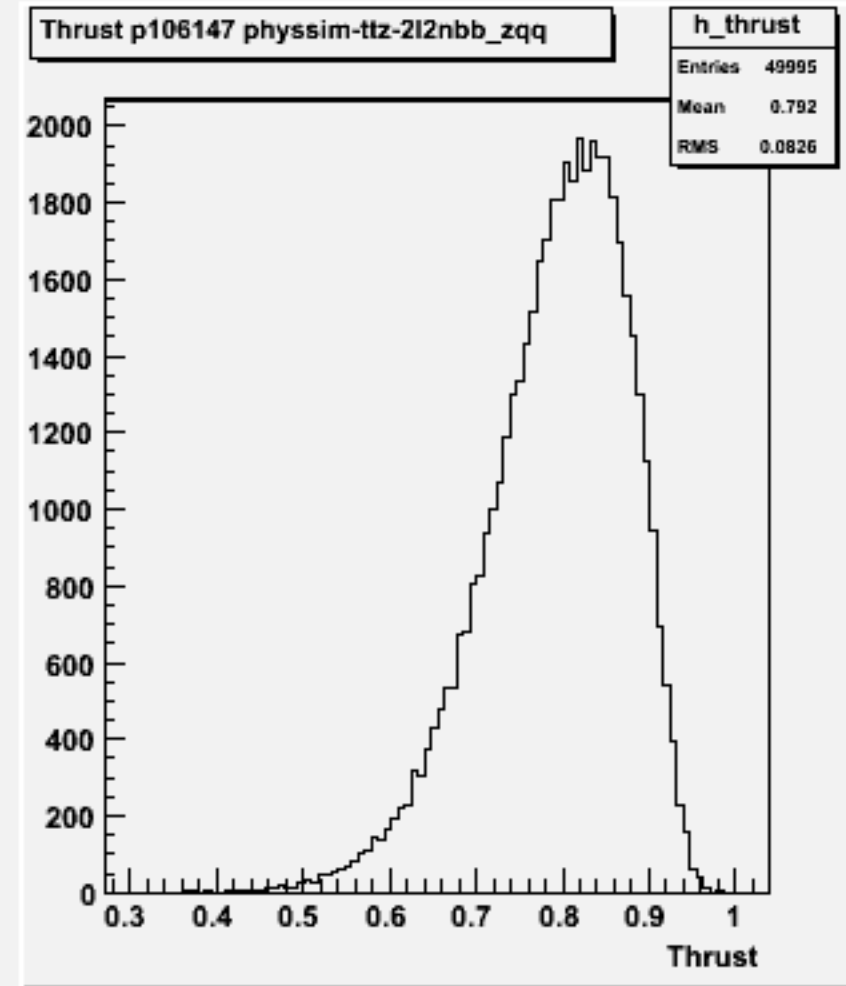
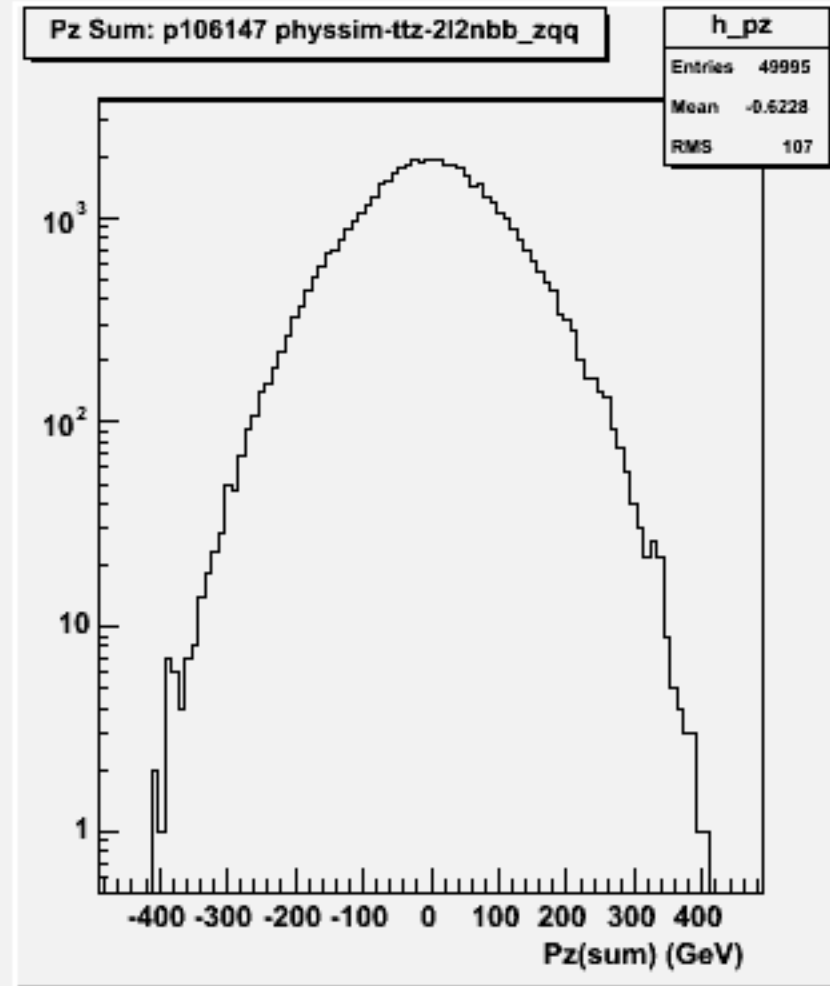
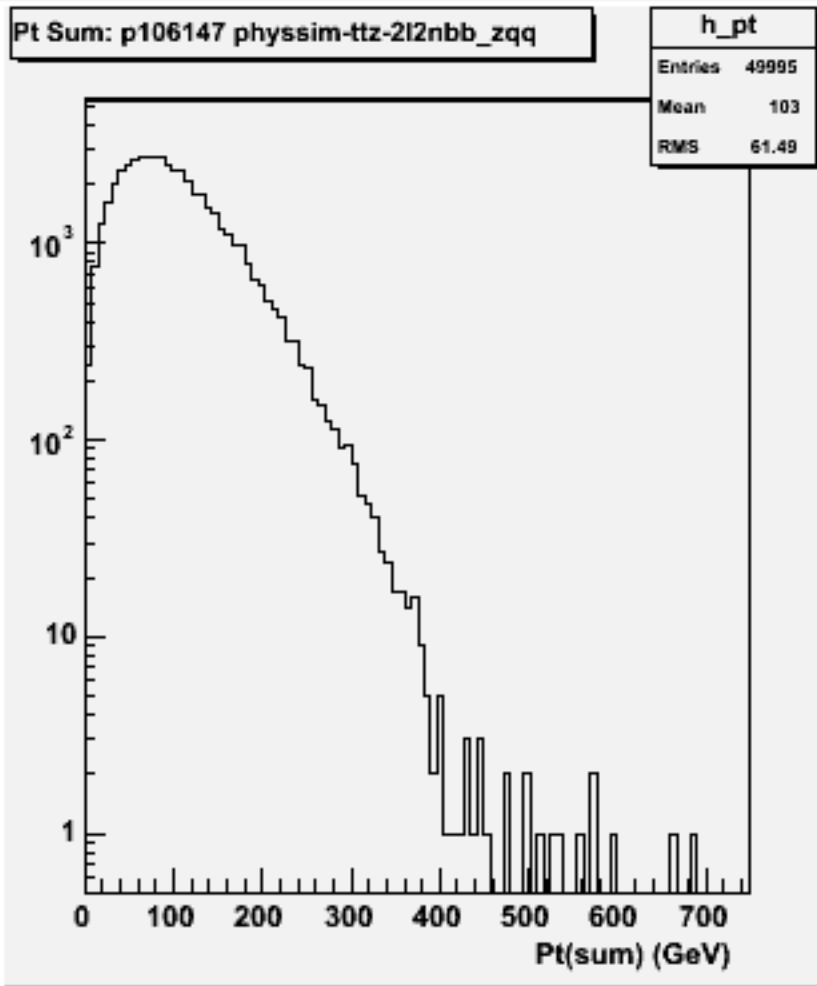
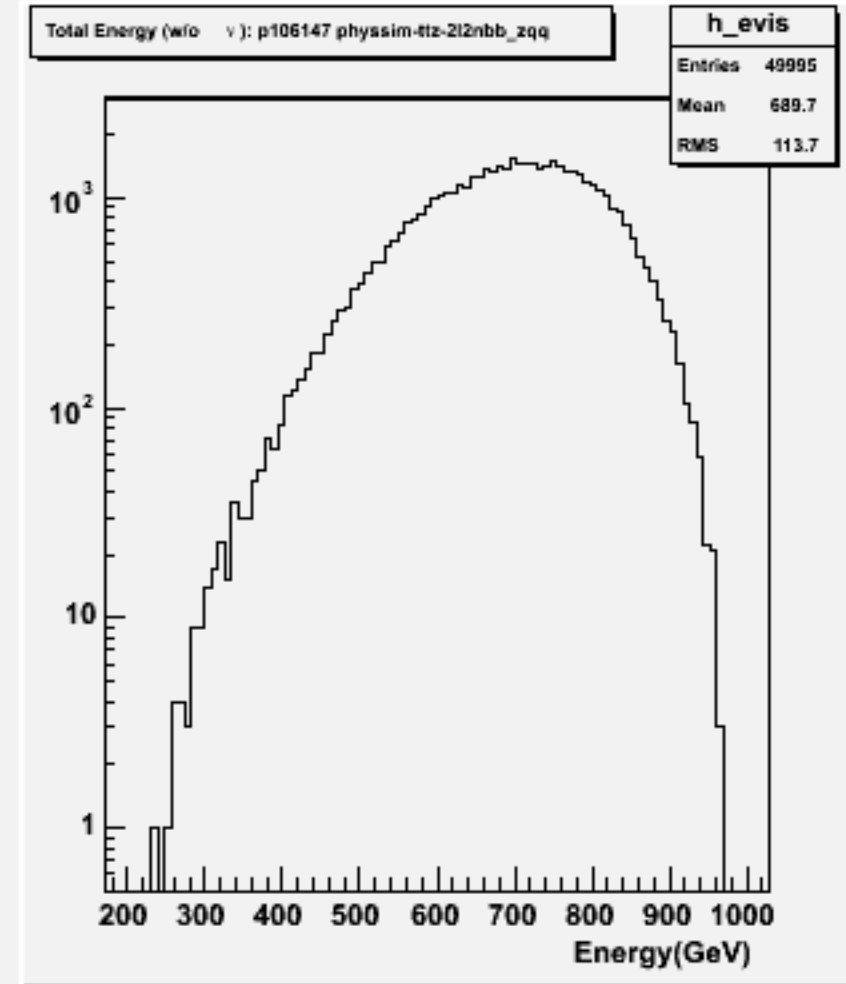
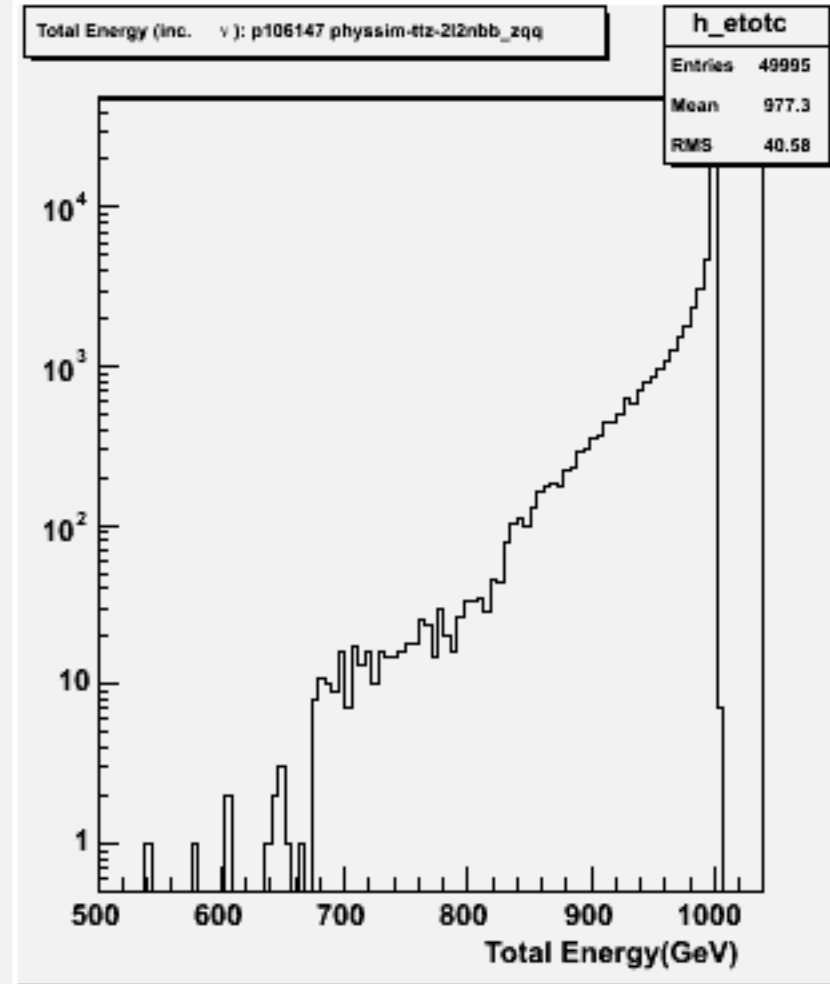
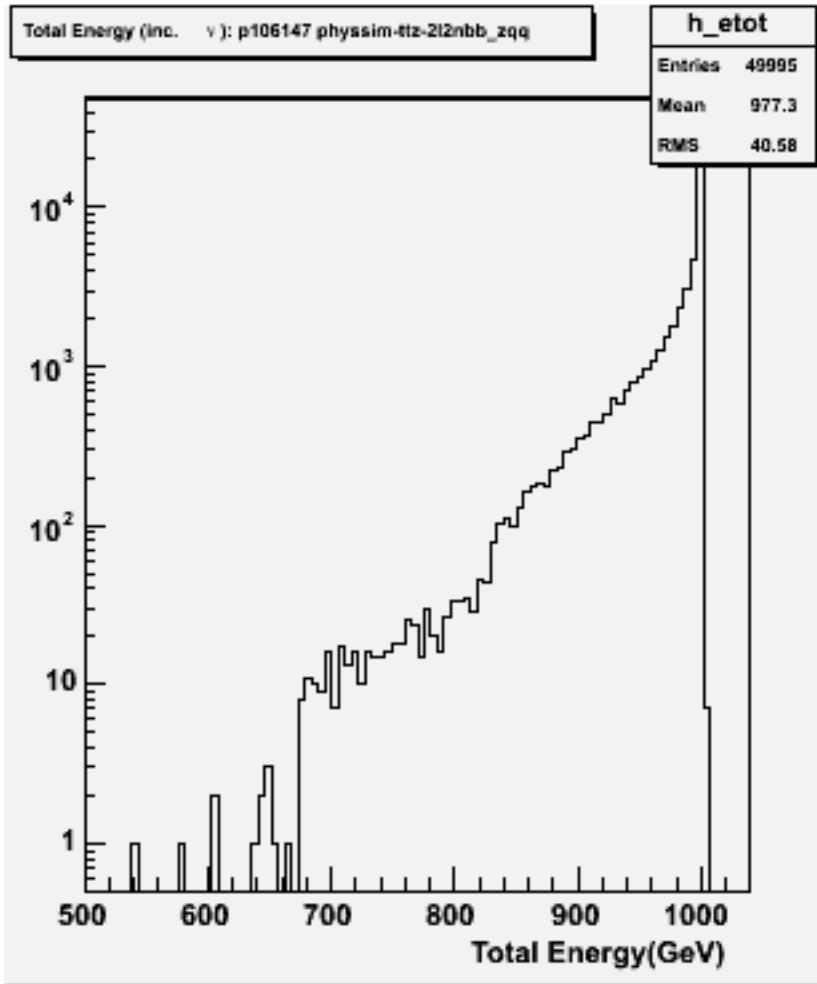


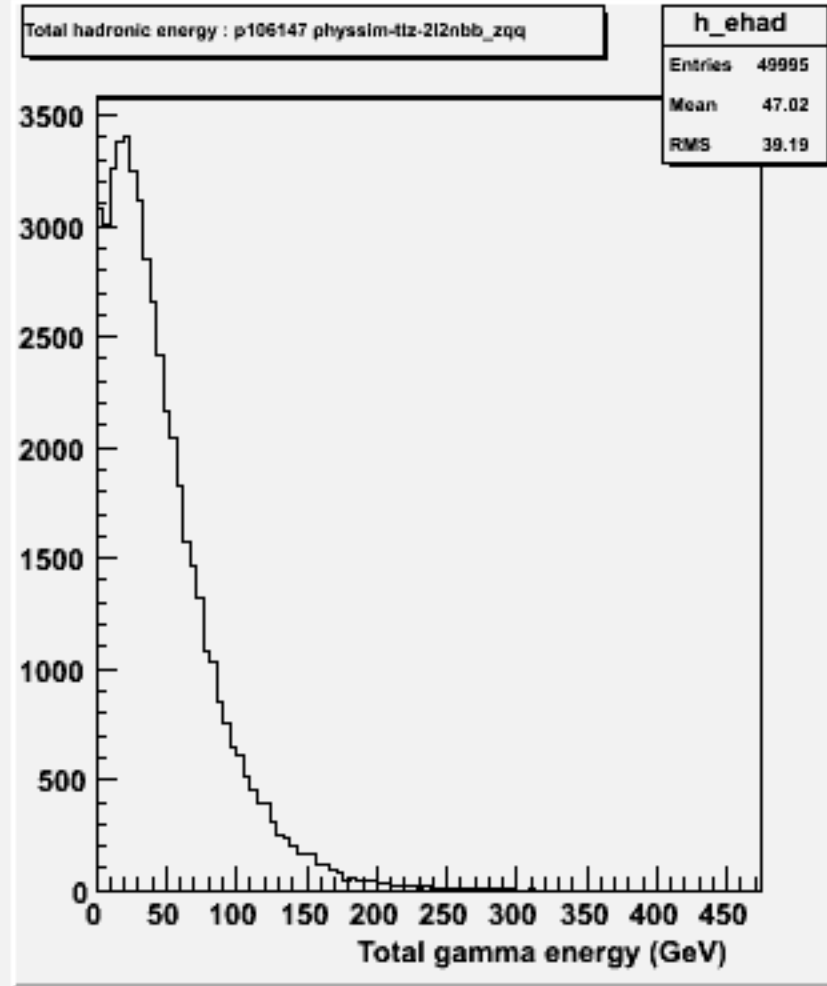
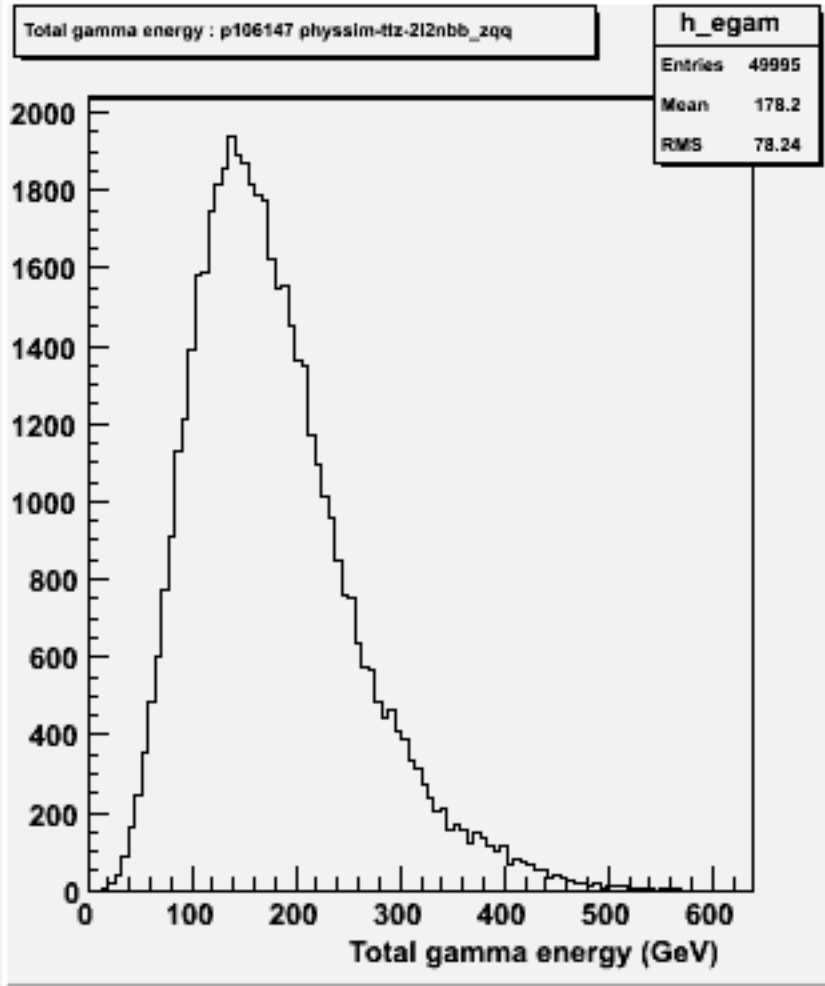
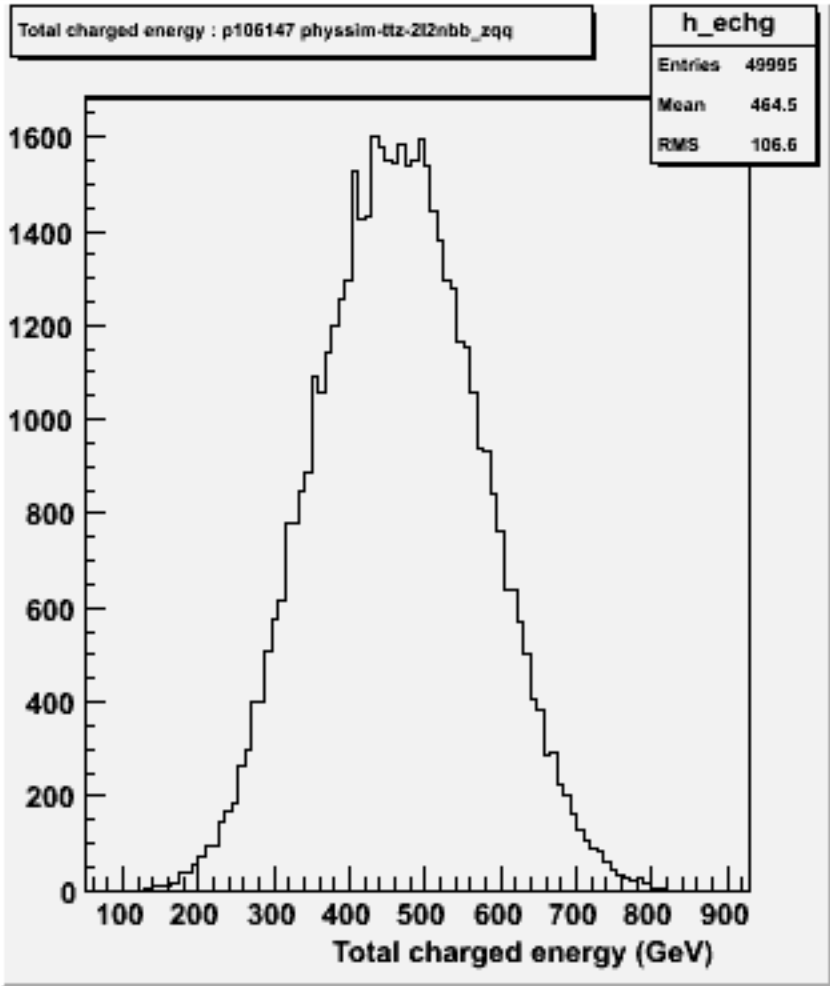
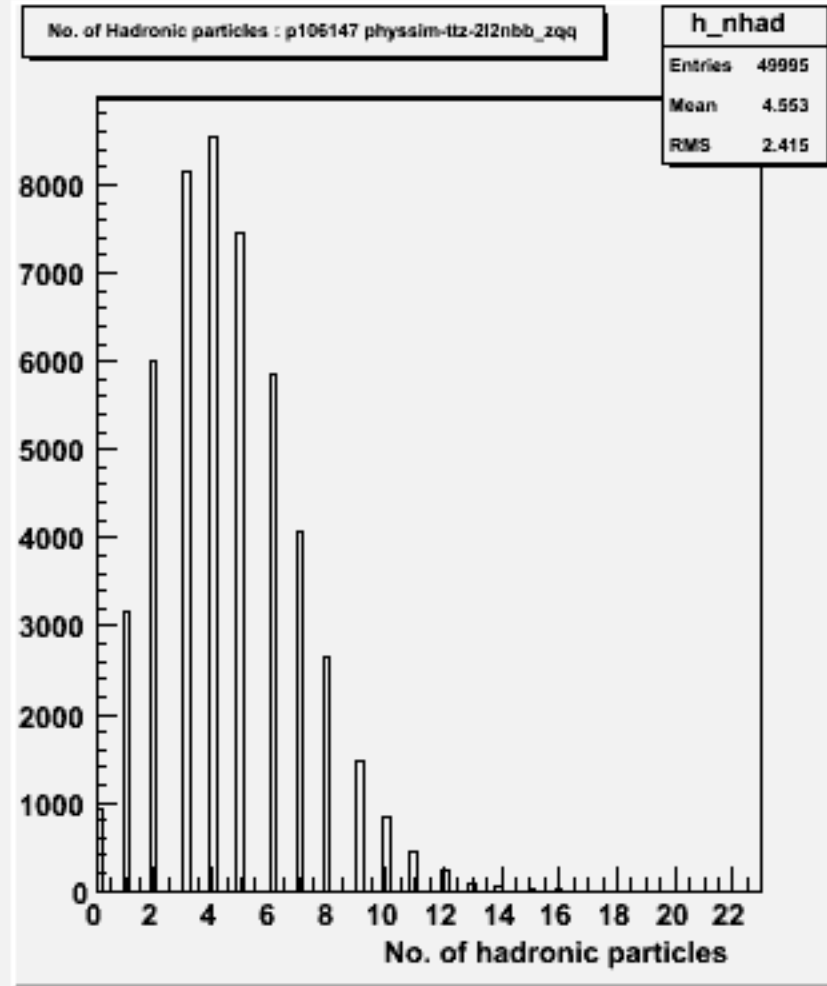
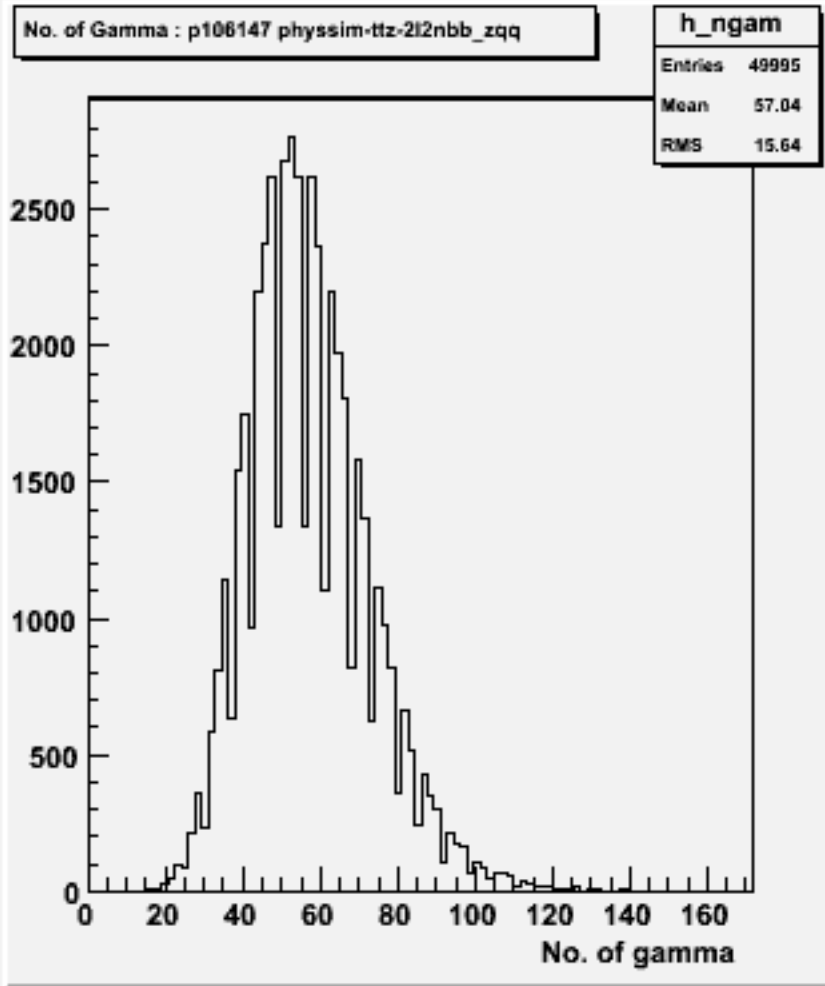
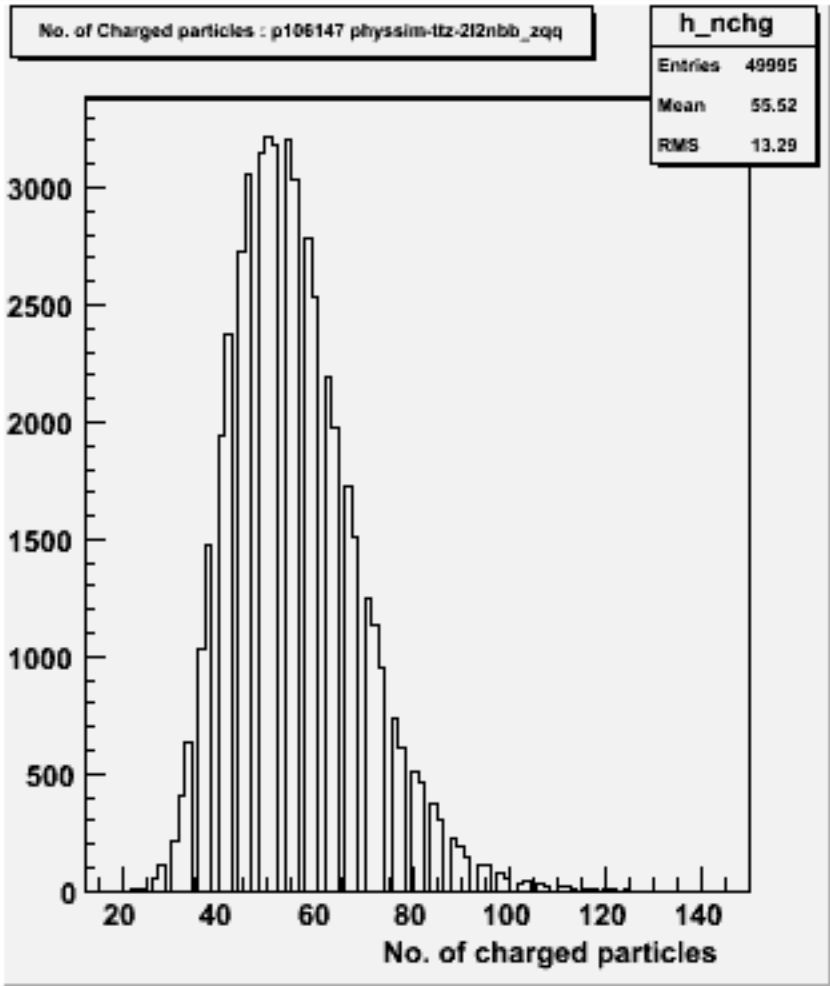
Start point Z : p106147 physsim-ttz-2l2nbb_zqq

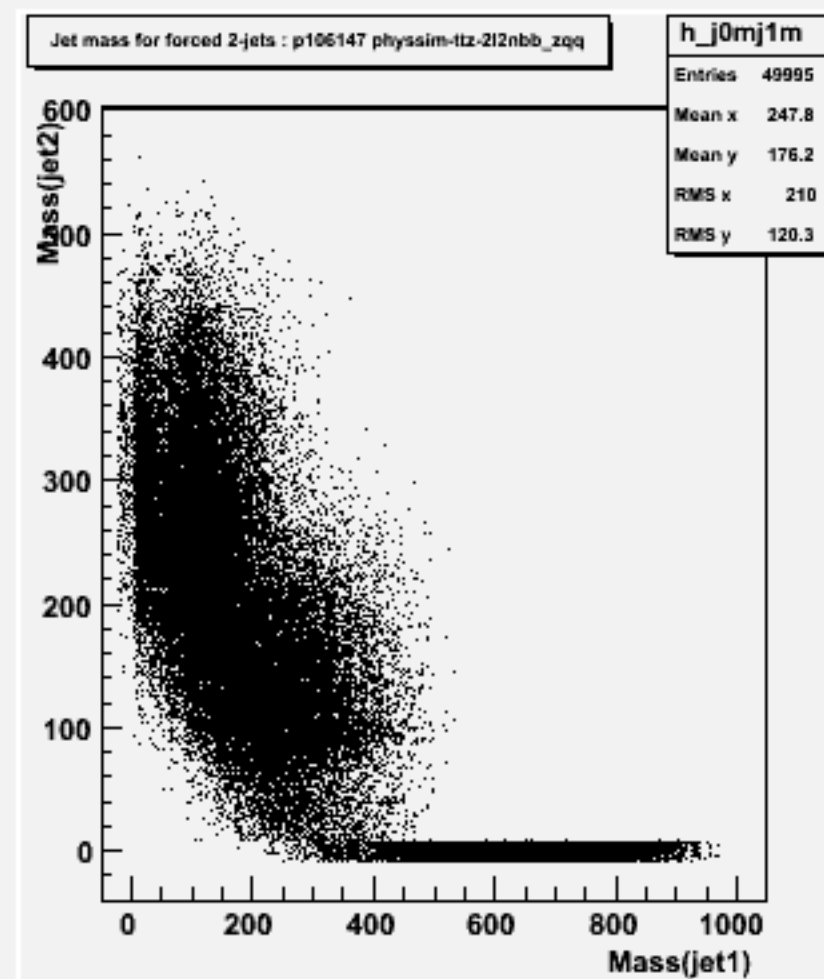
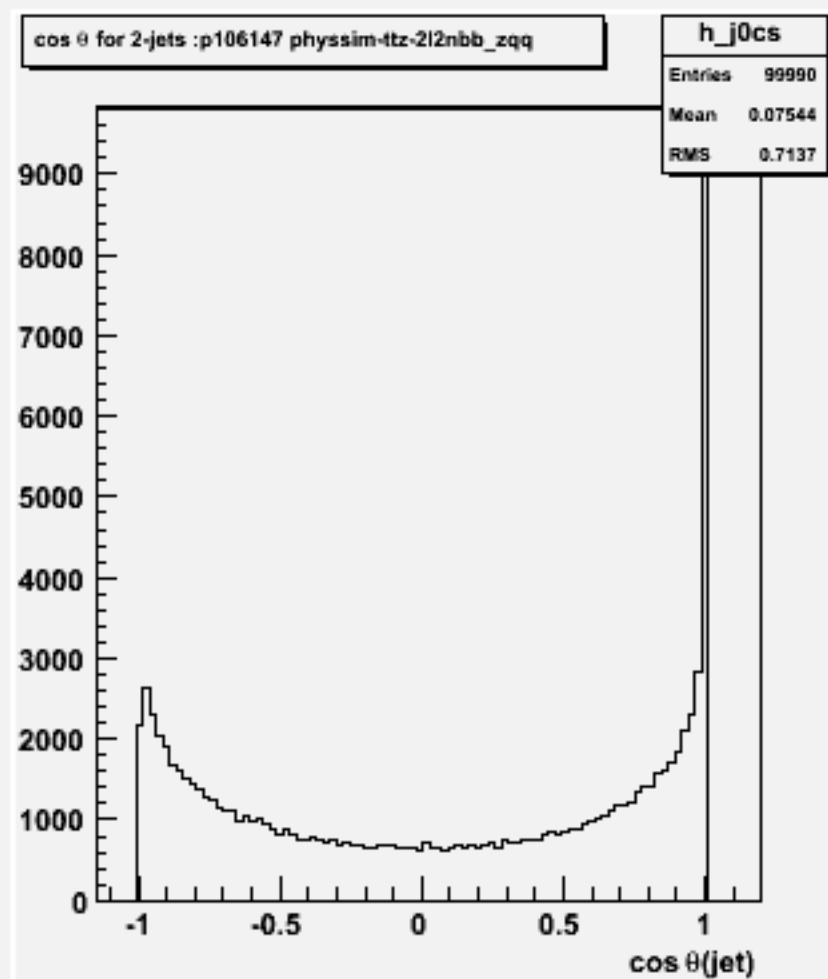
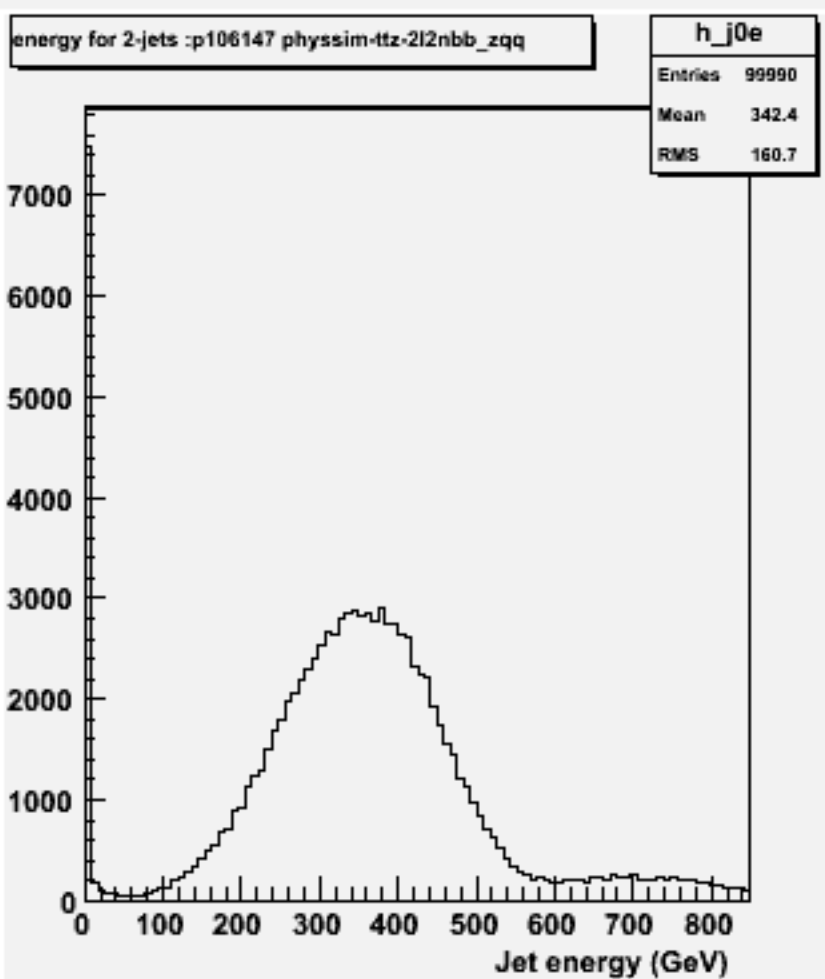
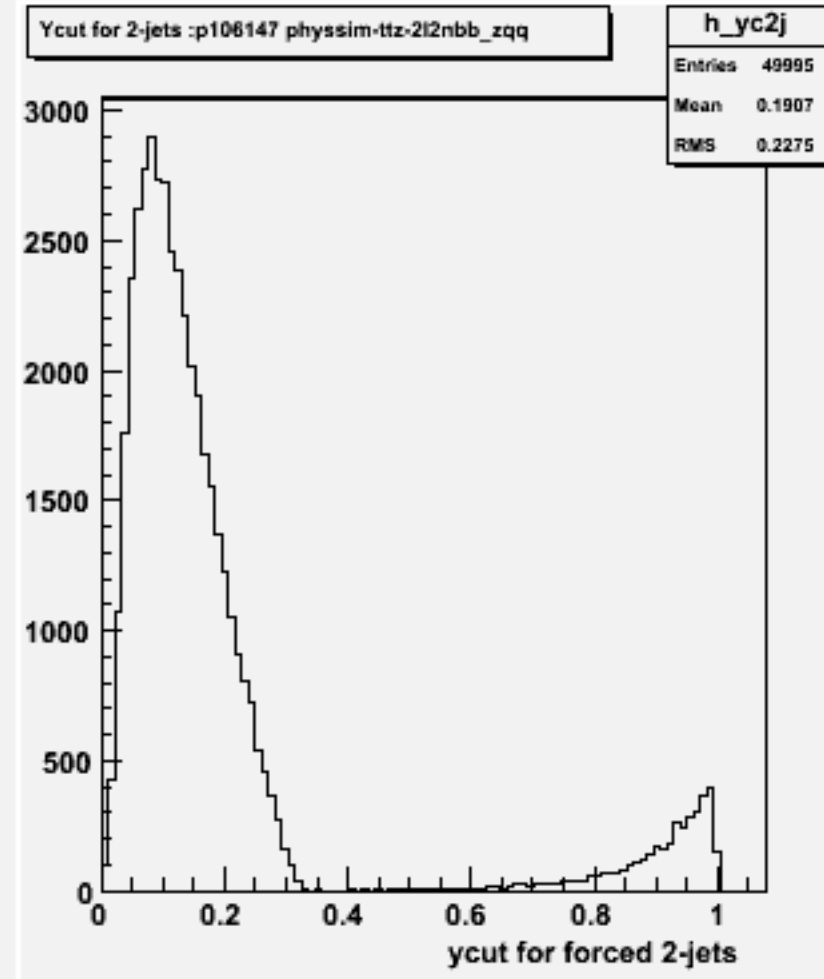
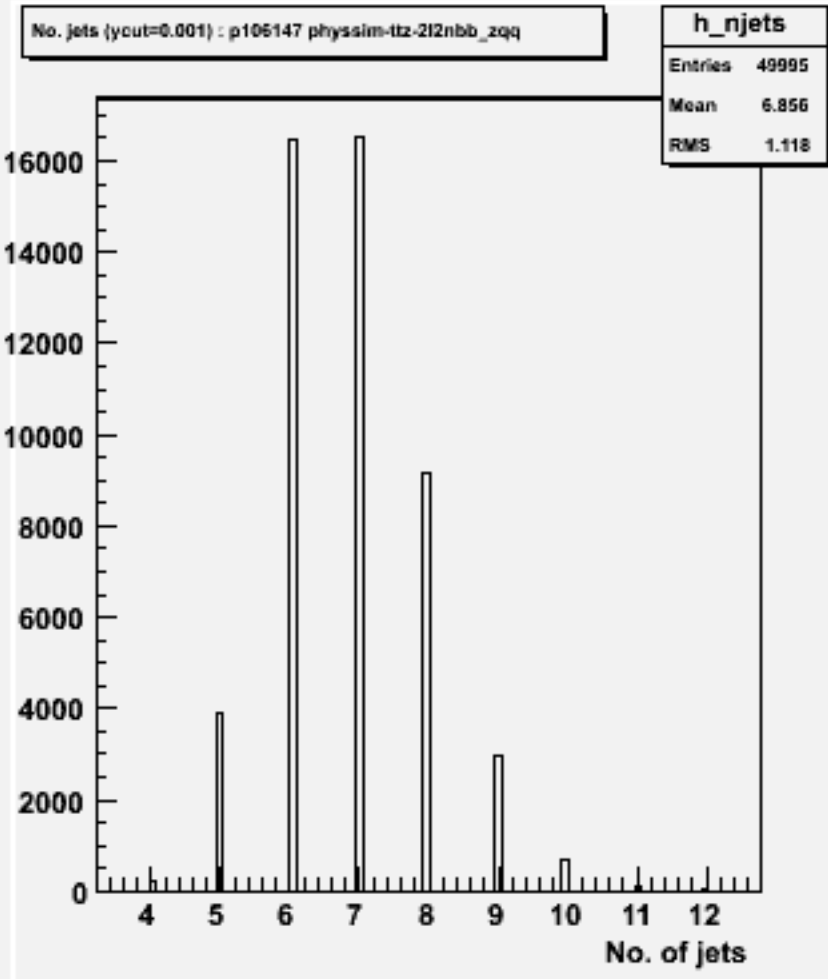
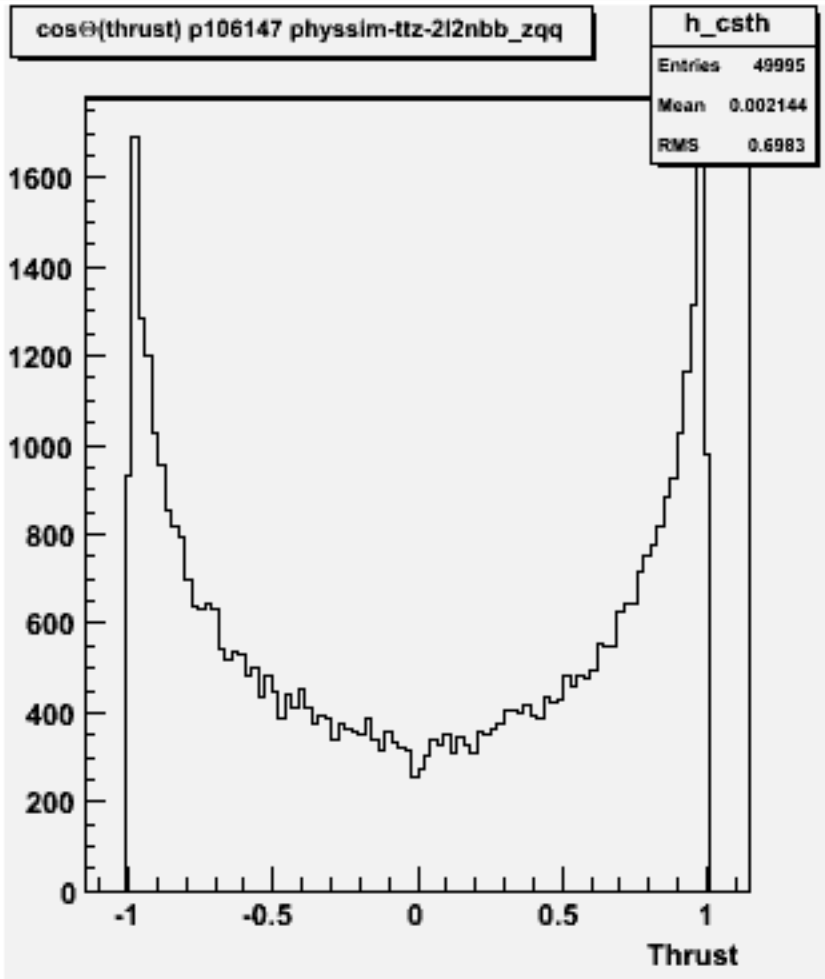
h_vz

Entries	6068120
Mean	0.05663
RMS	32.14





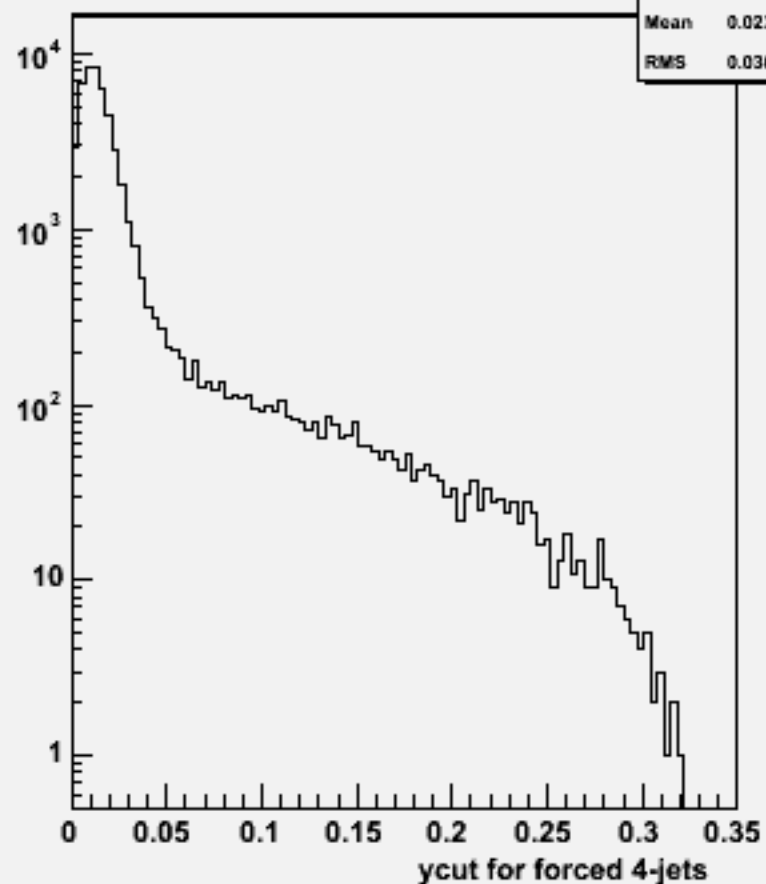




Ycut for 4-jets :p106147 physsim-4tz-2l2nbb_zqq

h_yc4j

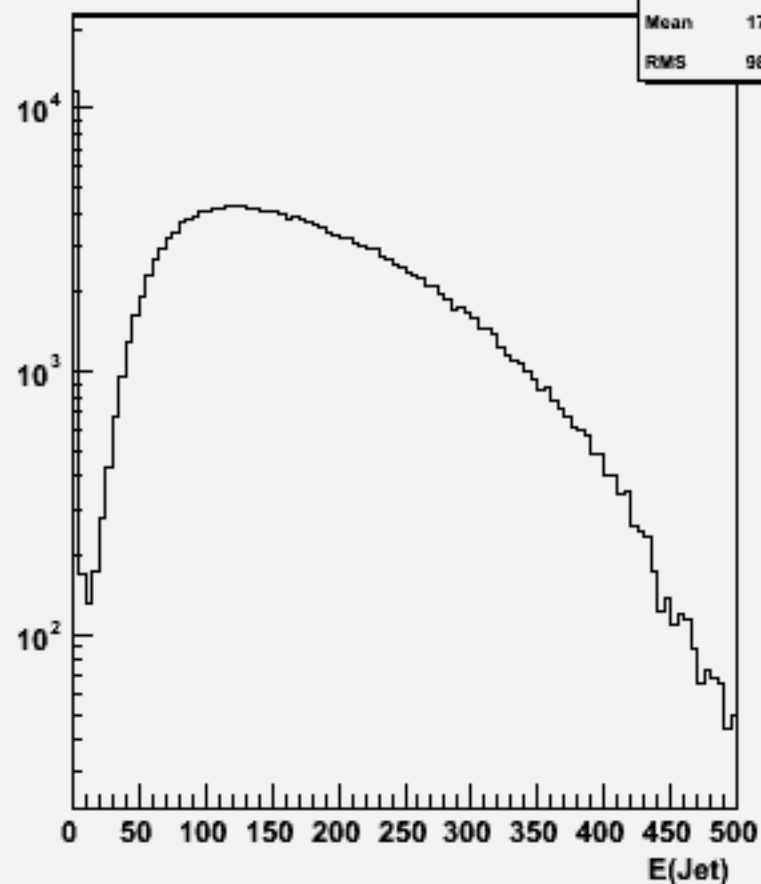
Entries	49995
Mean	0.02343
RMS	0.03609



Jet energies(All jets)p106147 physsim-4tz-2l2nbb_zqq

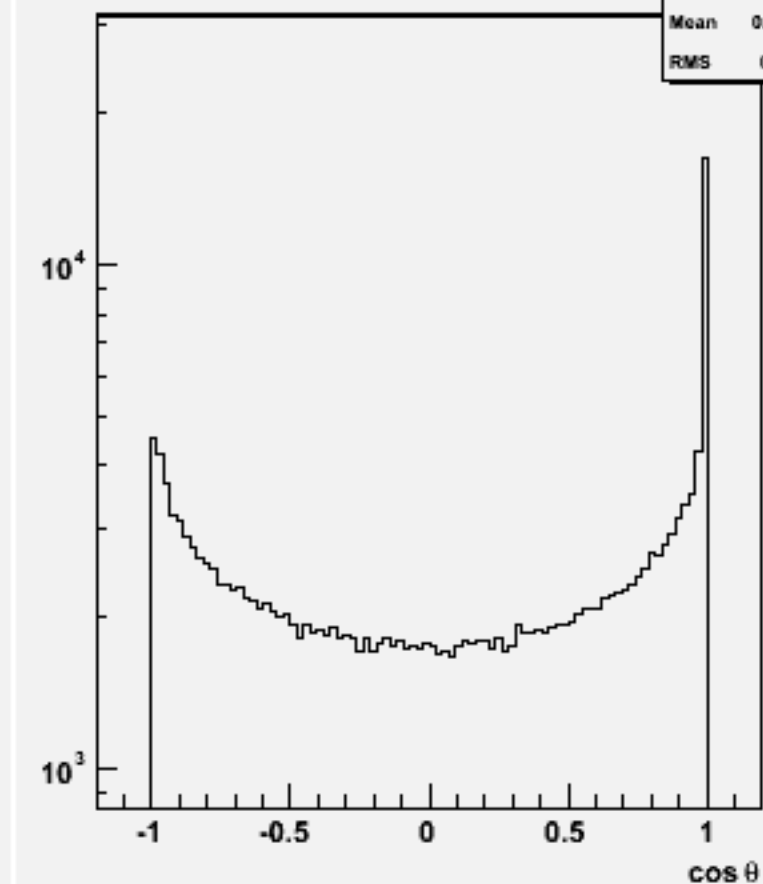
ha_j0e

Entries	199980
Mean	171.9
RMS	98.37

Jet cos θ (All jets)p106147 physsim-4tz-2l2nbb_zqq

ha_j0cs

Entries	199980
Mean	0.06081
RMS	0.6717



2jets mass(All comb)p106147 physsim-4tz-2l2nbb_zqq

ha_m01

Entries	299970
Mean	254.9
RMS	135.6

