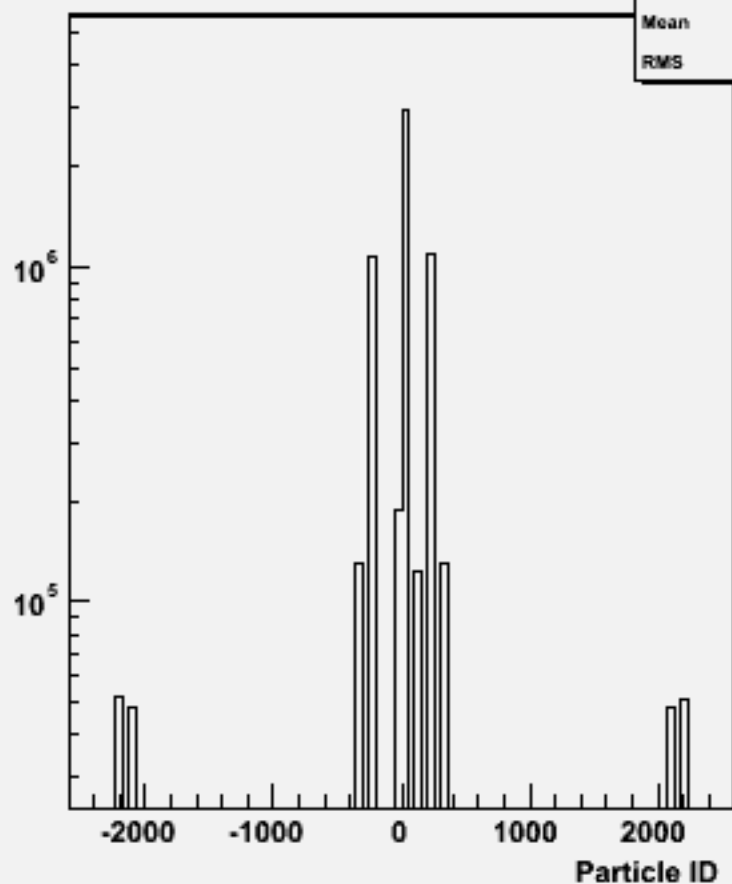


Generator file information: p106138 physsim-ttz-ln4q_zll

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process_name=physsim-ttz-ln4q_zll
process_type=physsim-ttz-ln4q_zll
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=255934.919391584
cross_section_in_fb=0.195327
cross_section_error_in_fb=5.65237e-05
lumi_file=/nfs/g/ilc/soft/utls64/energy_spread/lumi_linker_012
file_type=stdhep
total_number_of_events=49991
number_of_files=1
file_names=p106138_01.stdhep
number_of_events_in_files=49991
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/1000
logurl=http://www-jlc.kek.jp/~miyamoto/CDS/1000/run_output/p106138

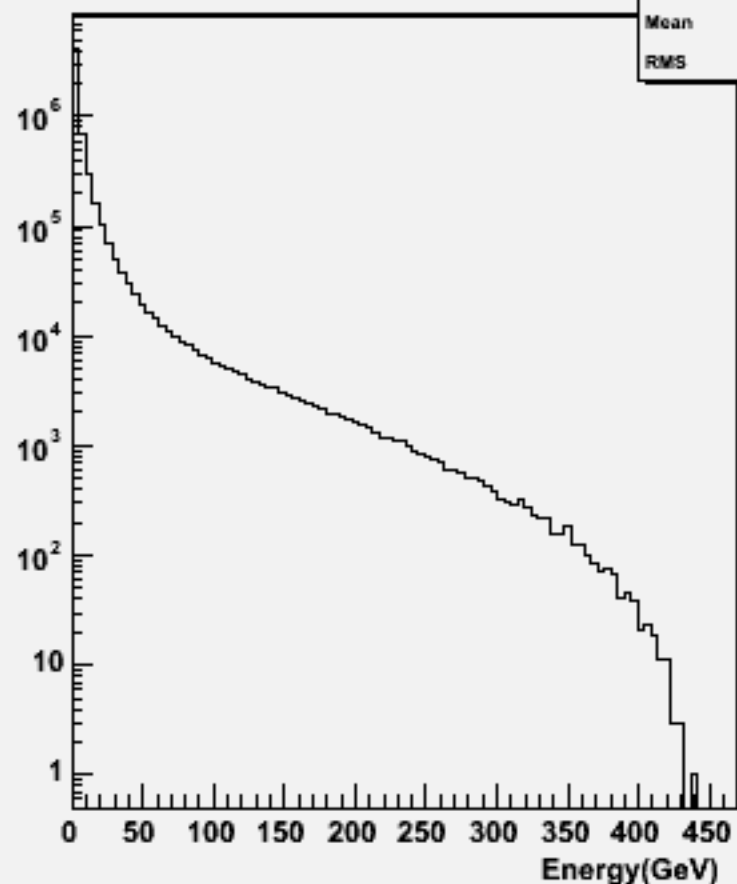
Particle ID : p106138 physsim-ttz-ln4q_zll



h_id

Entries	5882282
Mean	13.02
RMS	425.1

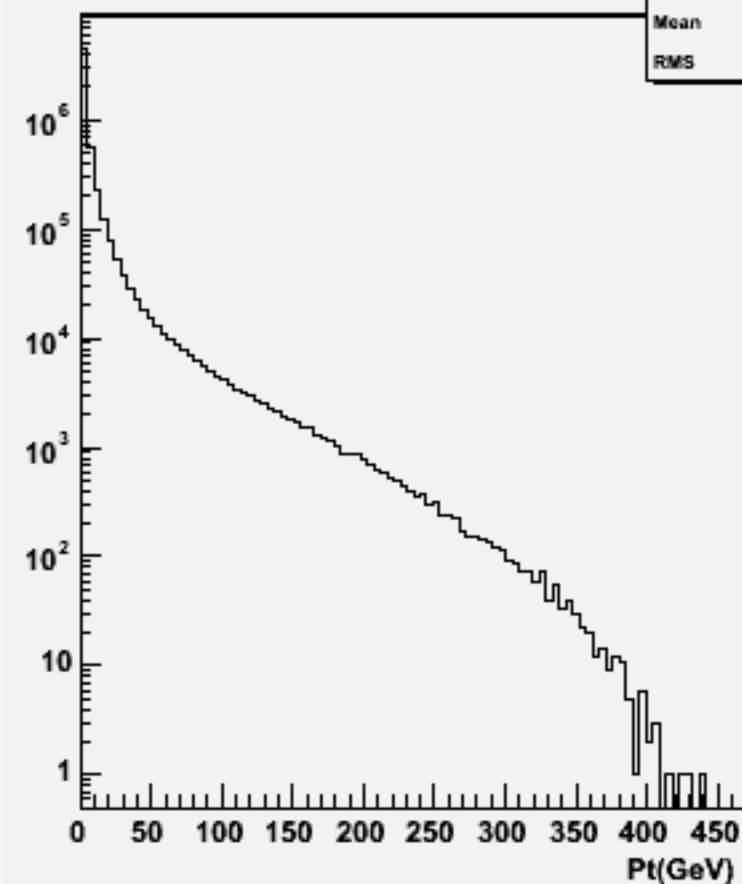
Particle Energy : p106138 physsim-ttz-ln4q_zll



h_e

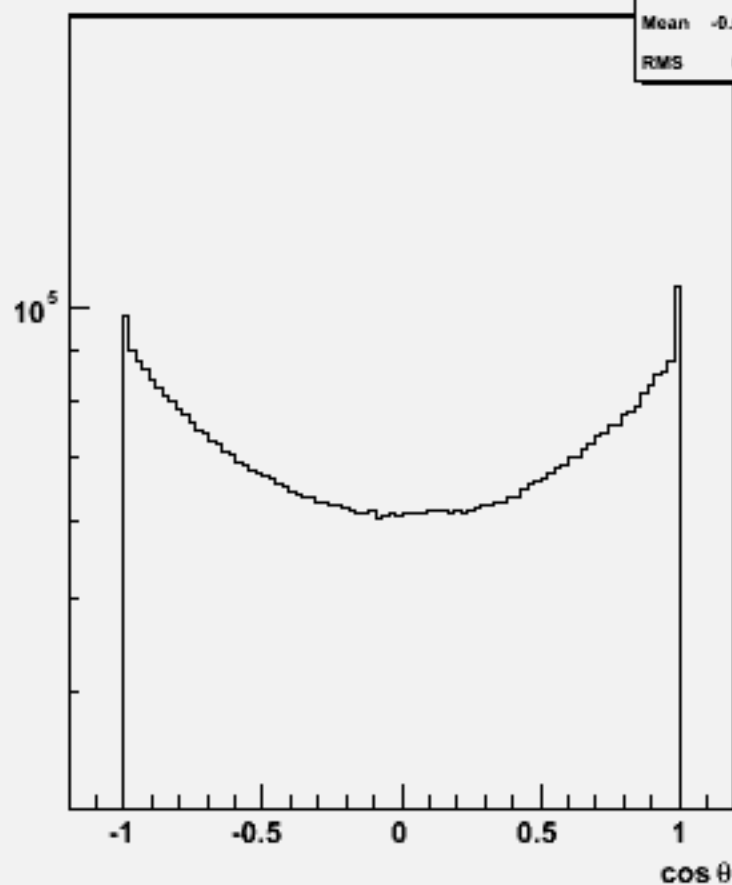
Entries	5882282
Mean	8.309
RMS	24.26

Particle Pt : p106138 physsim-ttz-ln4q_zll



h_pt

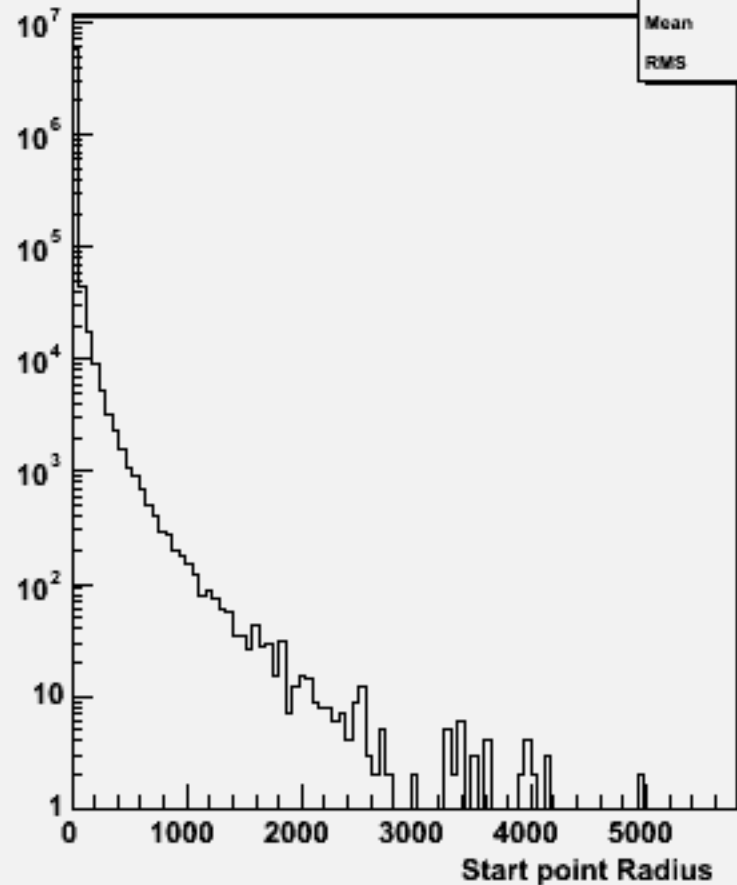
Entries	5882282
Mean	5.91
RMS	17.79

Particle cos θ : p106138 physsim-ttz-ln4q_zll

h_cs

Entries	5882282
Mean	-0.002311
RMS	0.6153

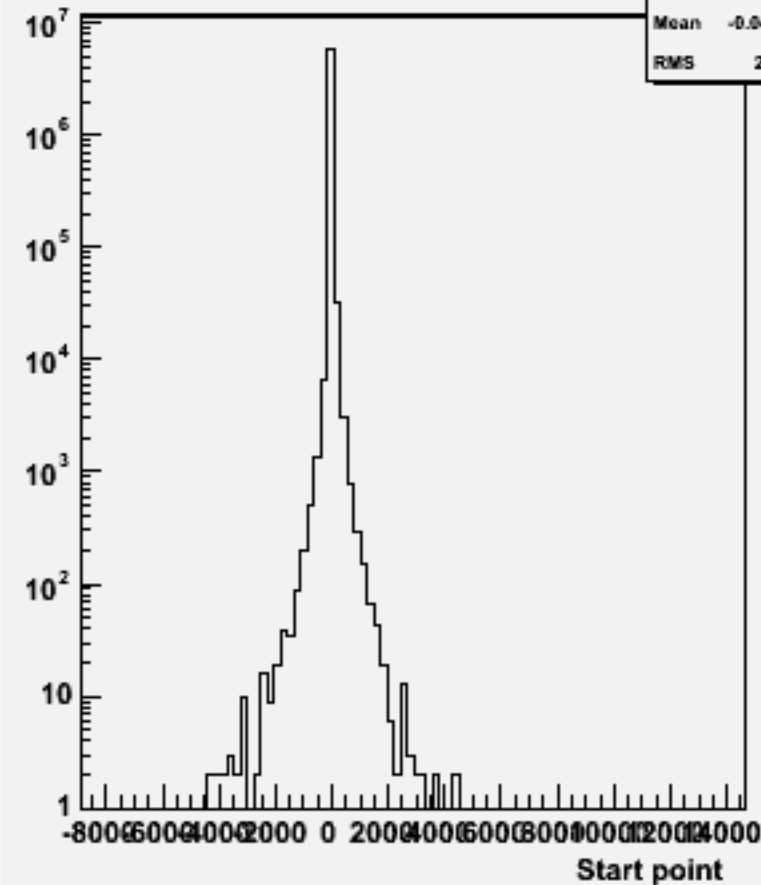
Start point R : p106138 physsim-ttz-ln4q_zll



h_vr

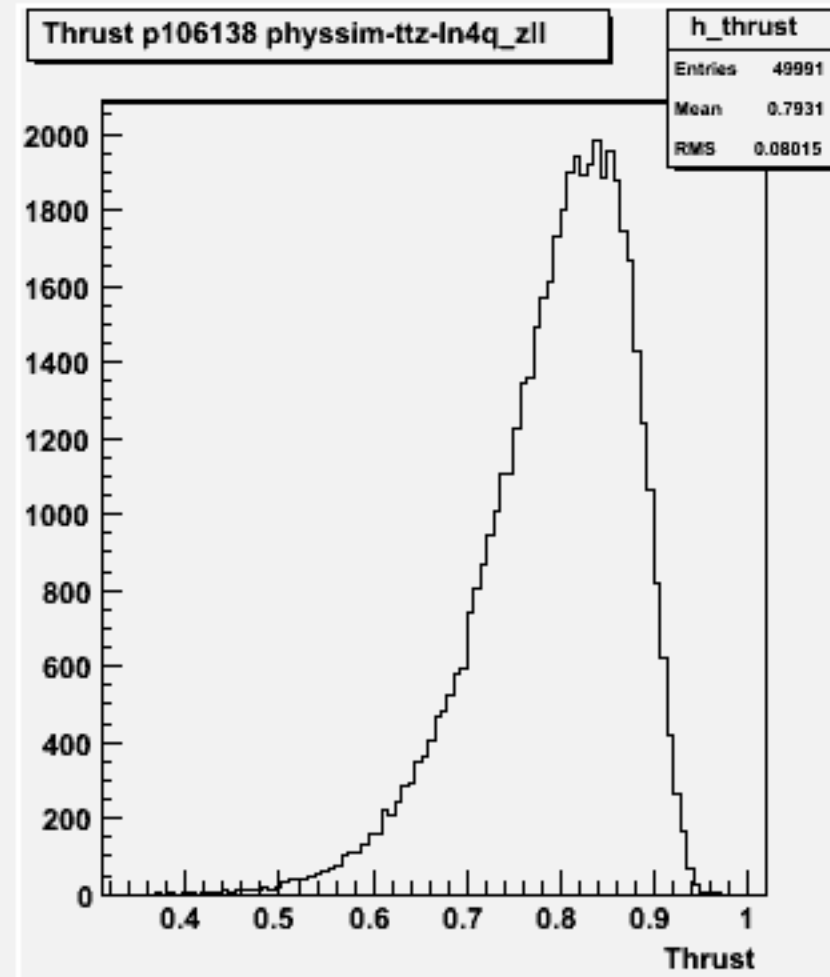
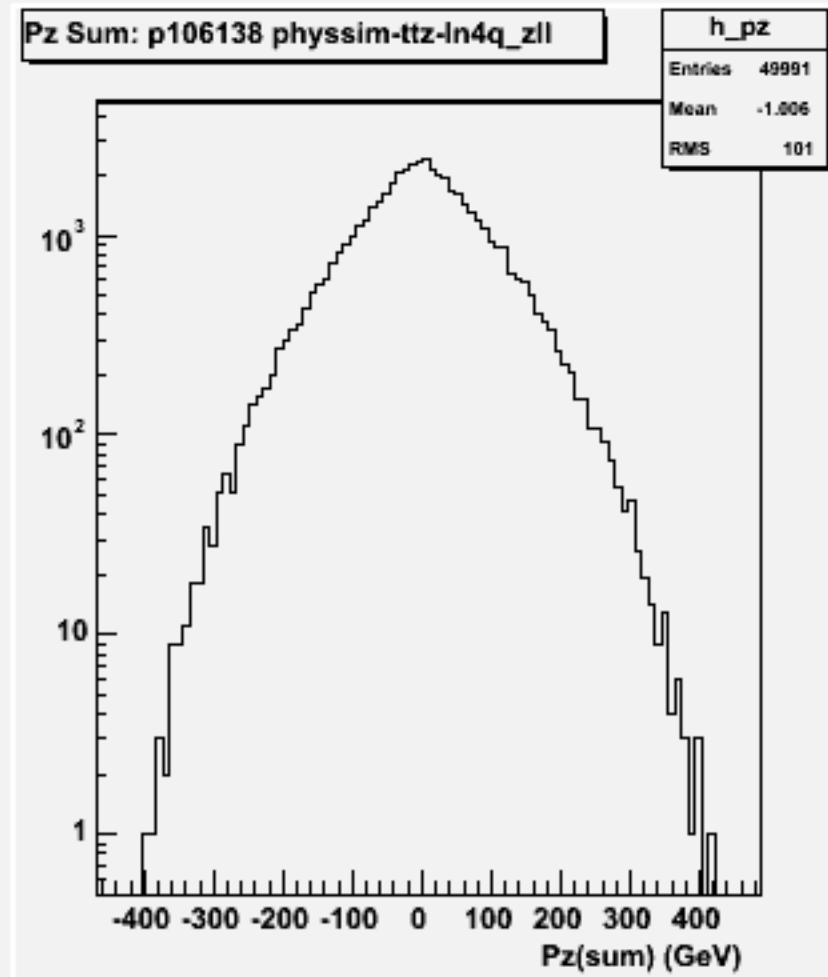
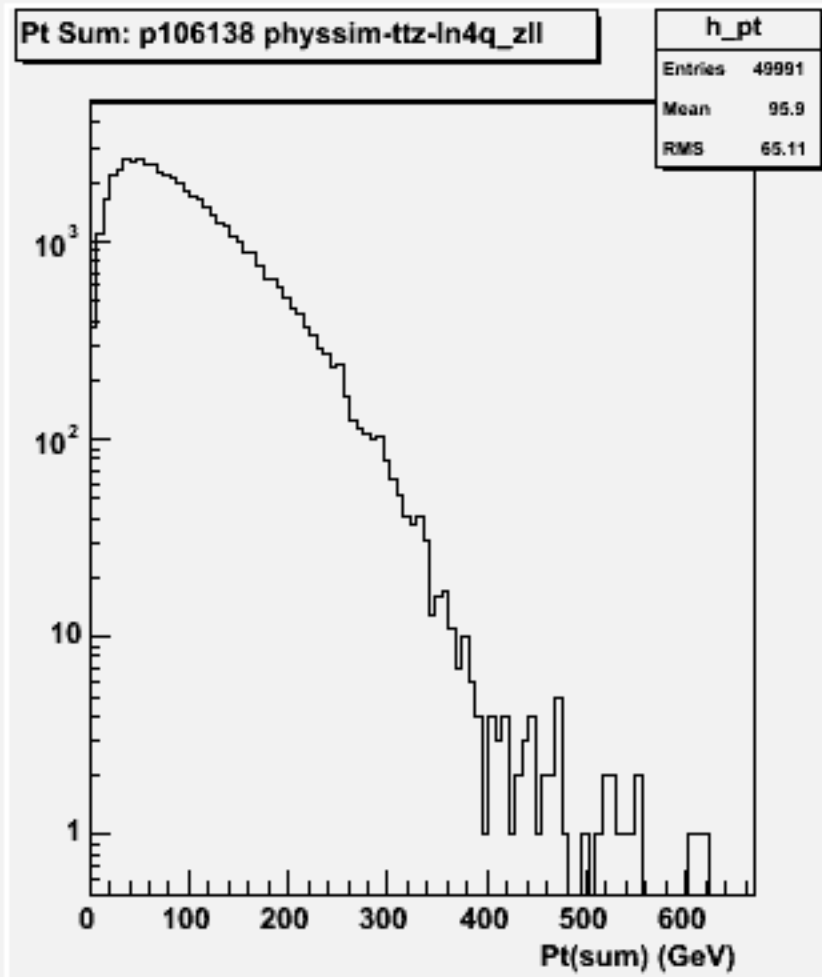
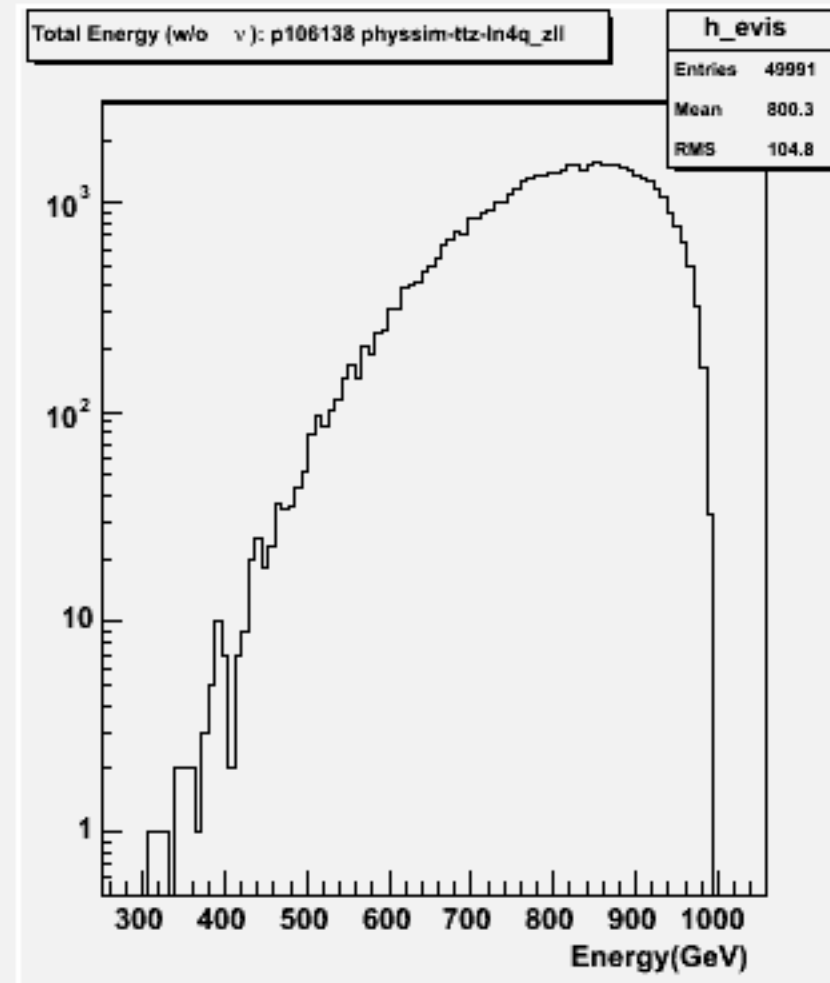
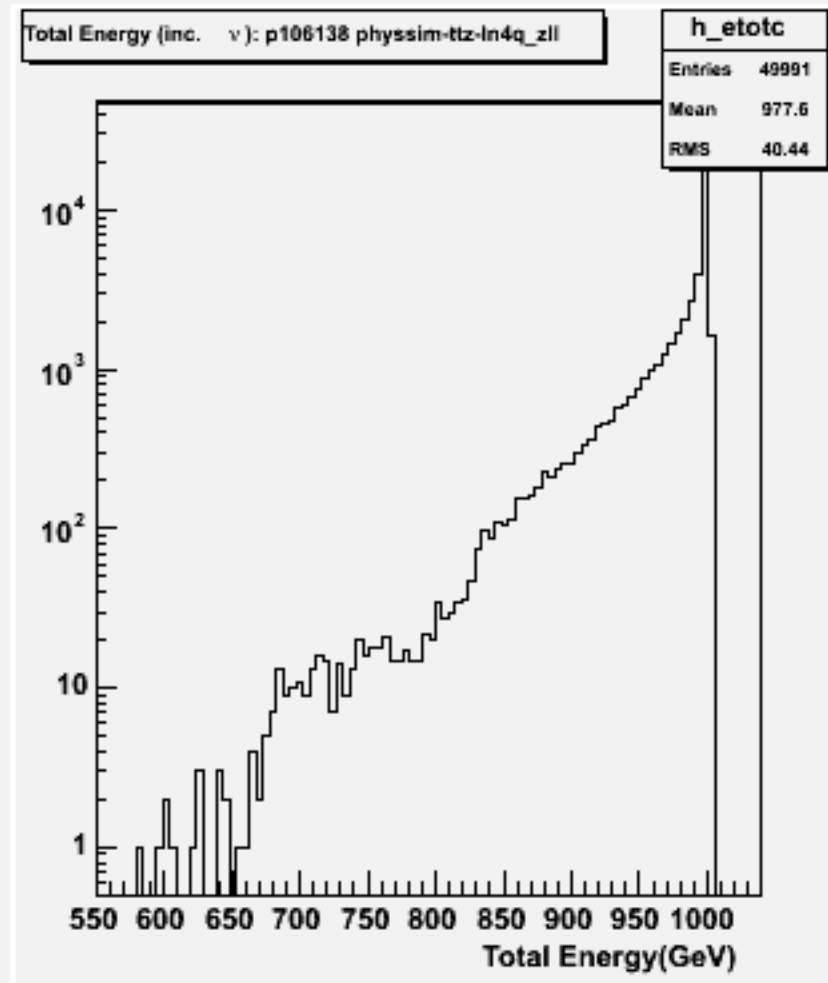
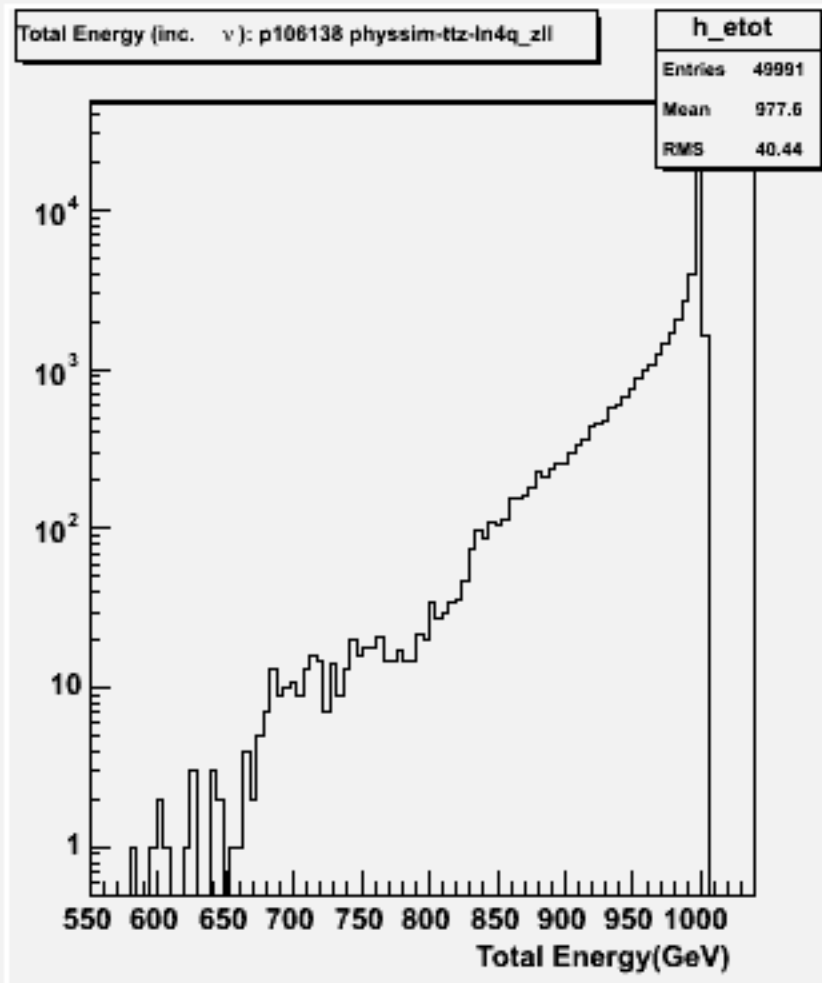
Entries	5882282
Mean	3.819
RMS	34.19

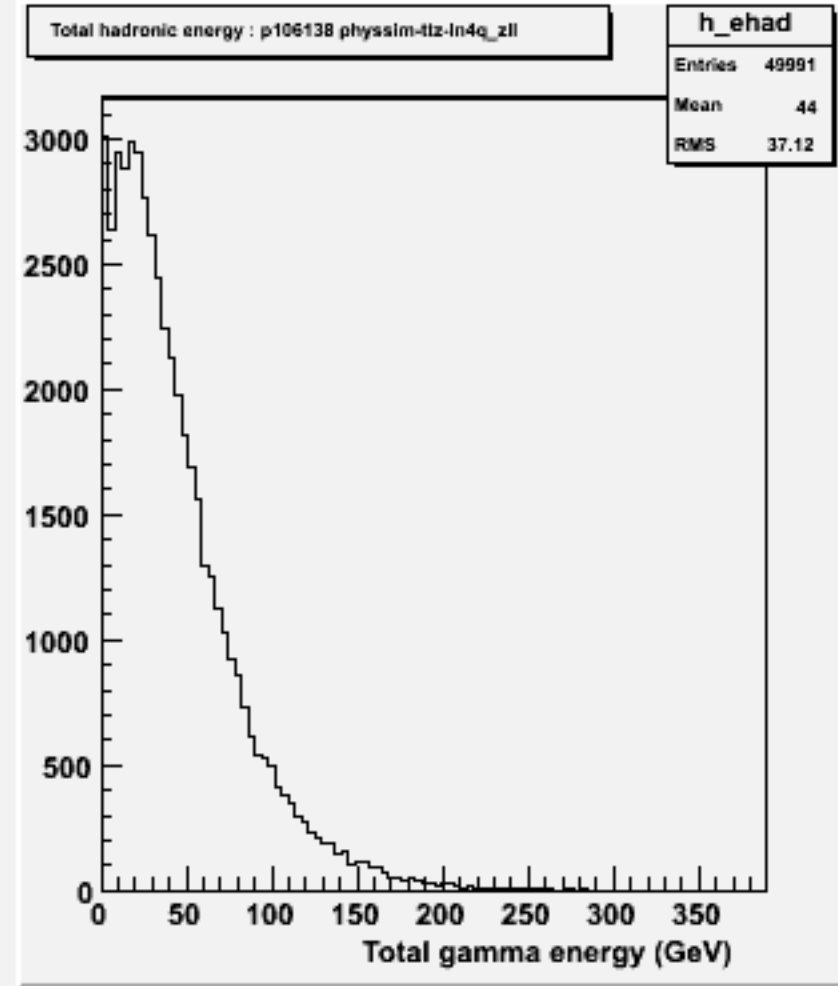
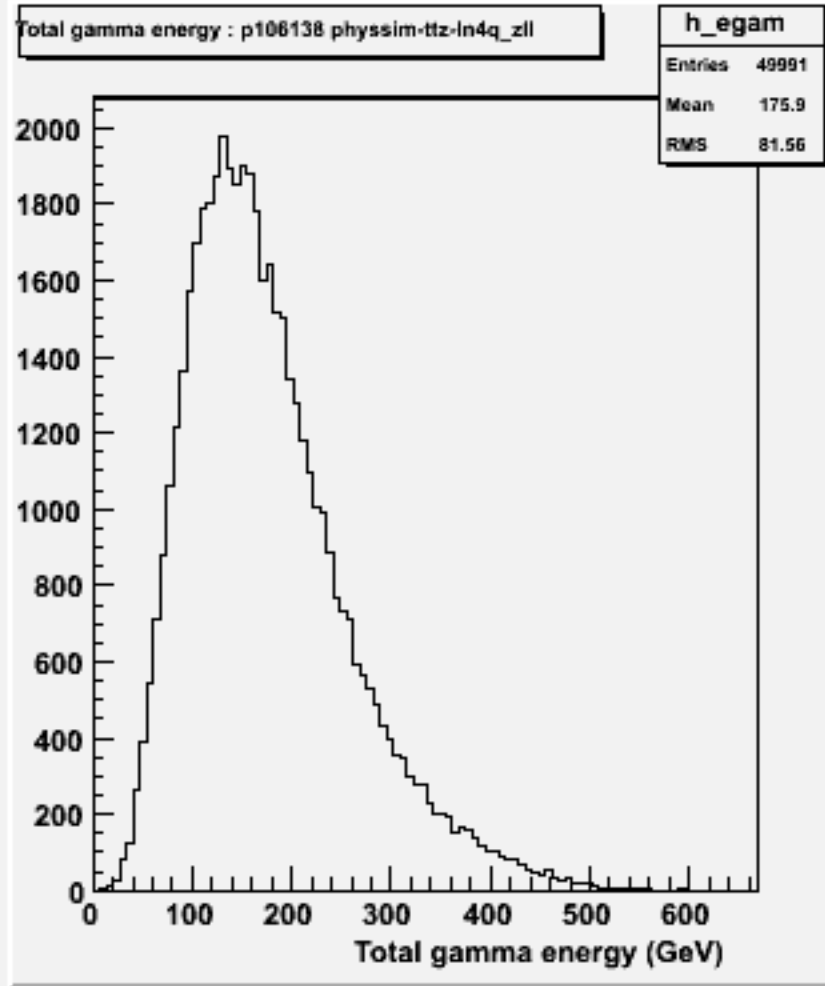
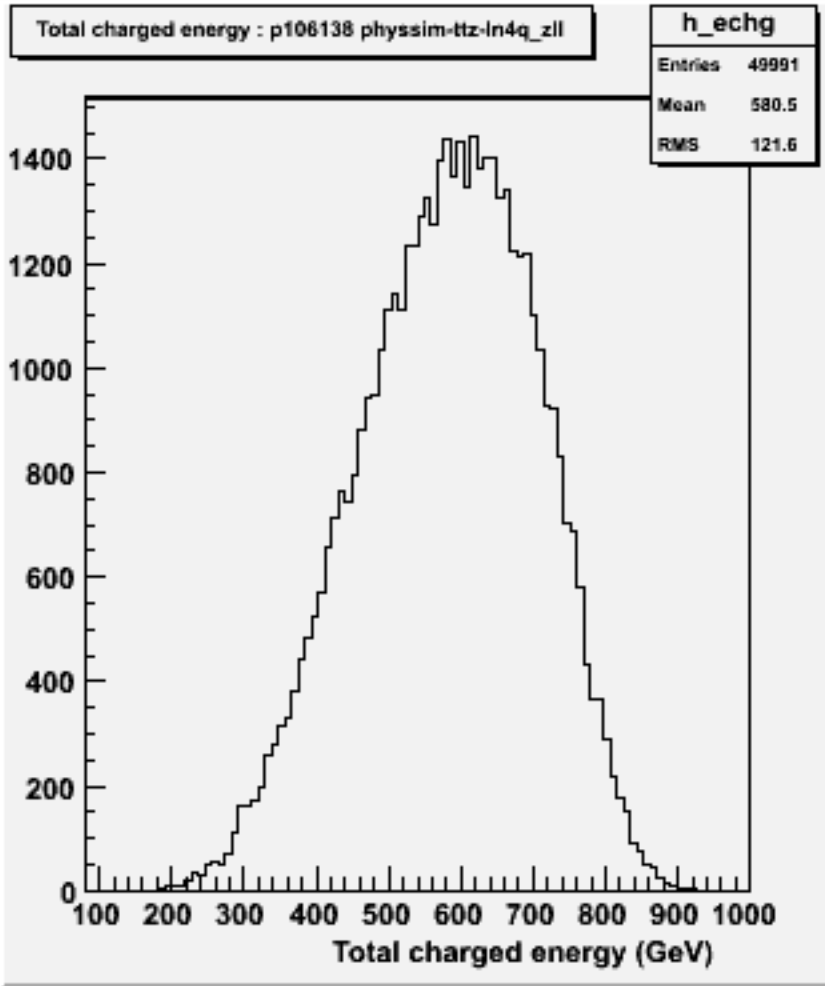
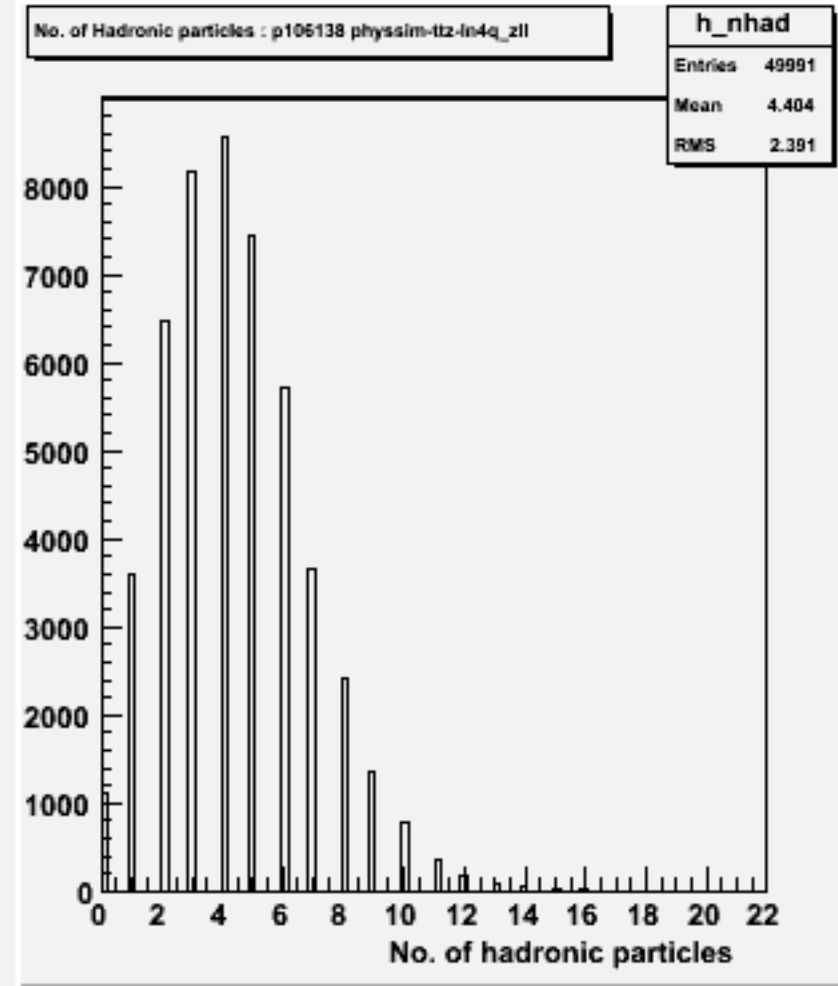
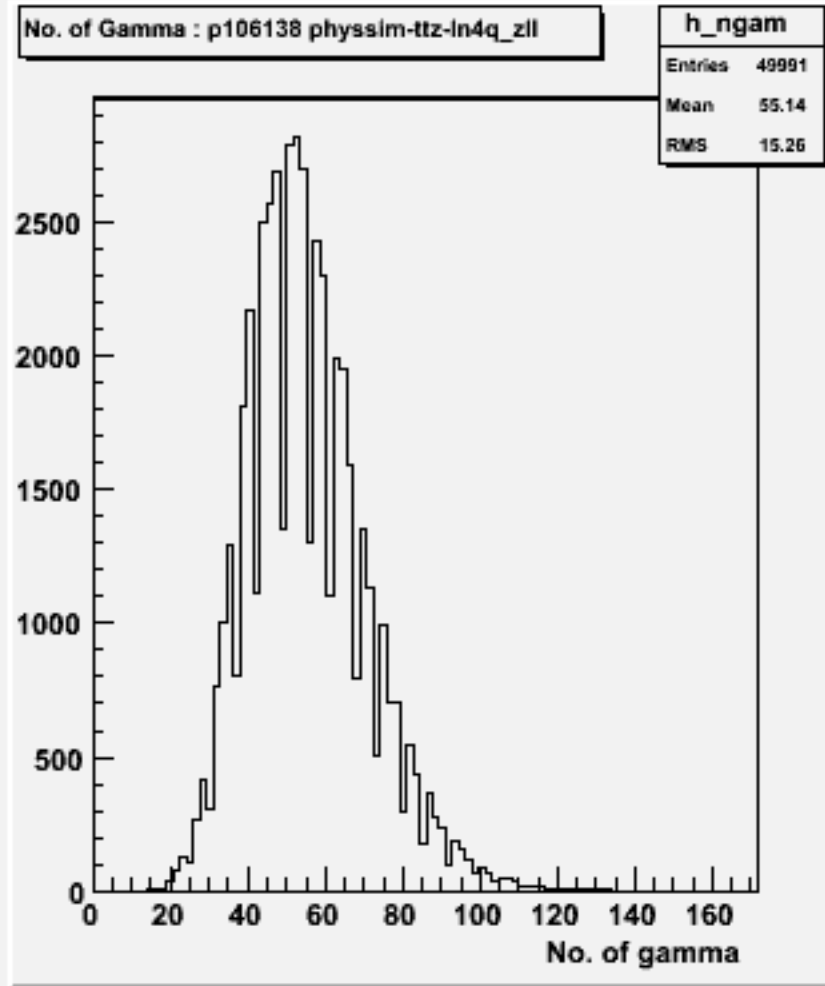
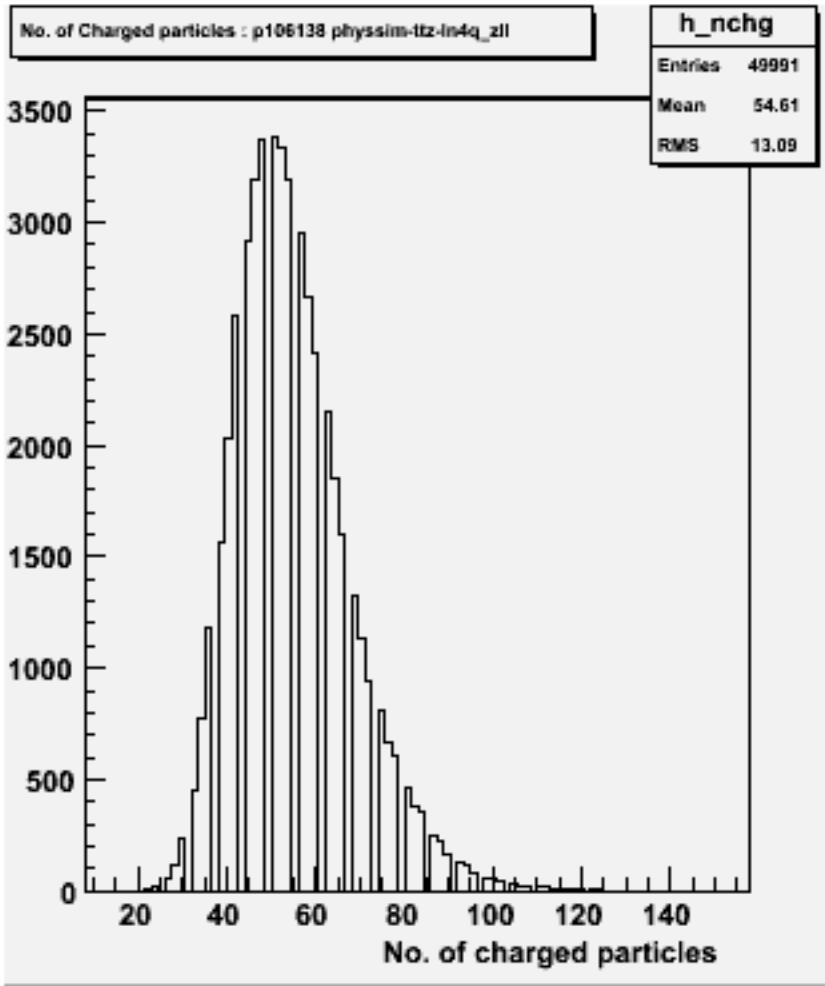
Start point Z : p106138 physsim-ttz-ln4q_zll

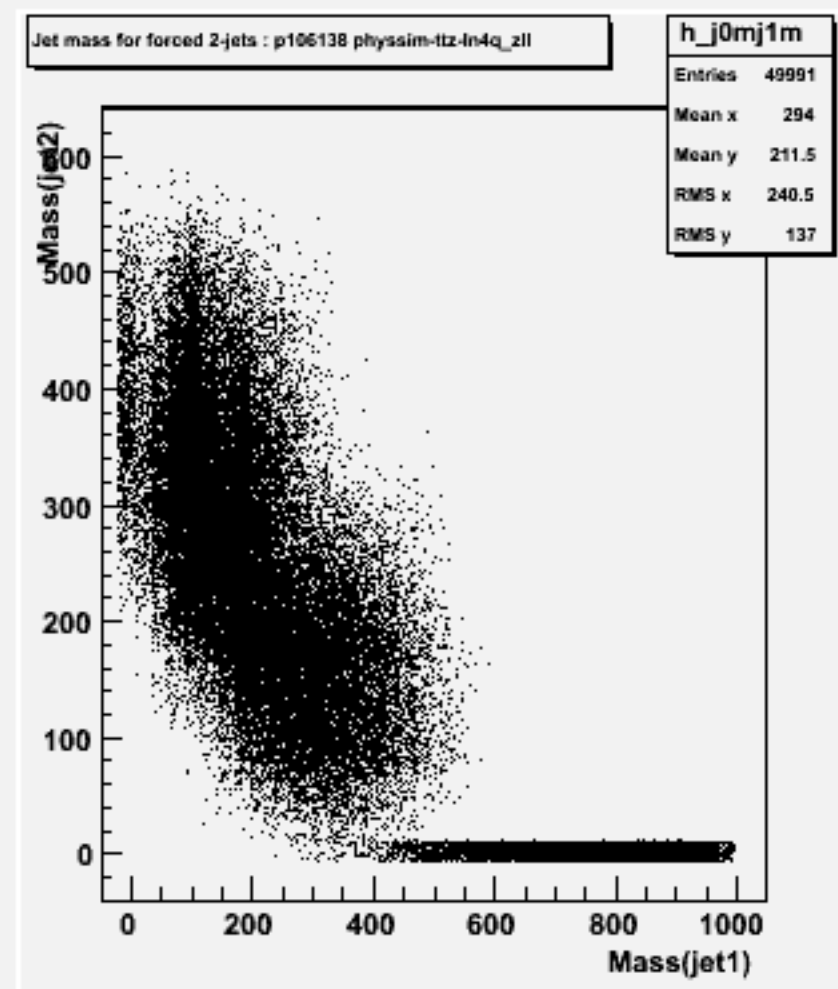
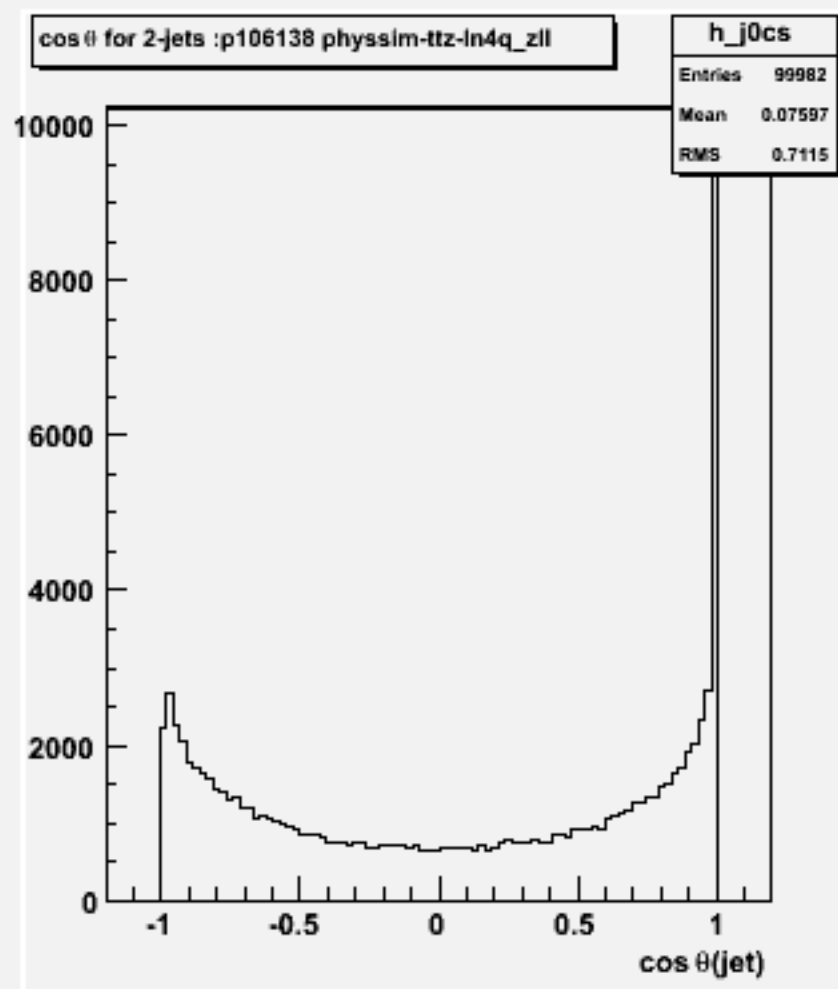
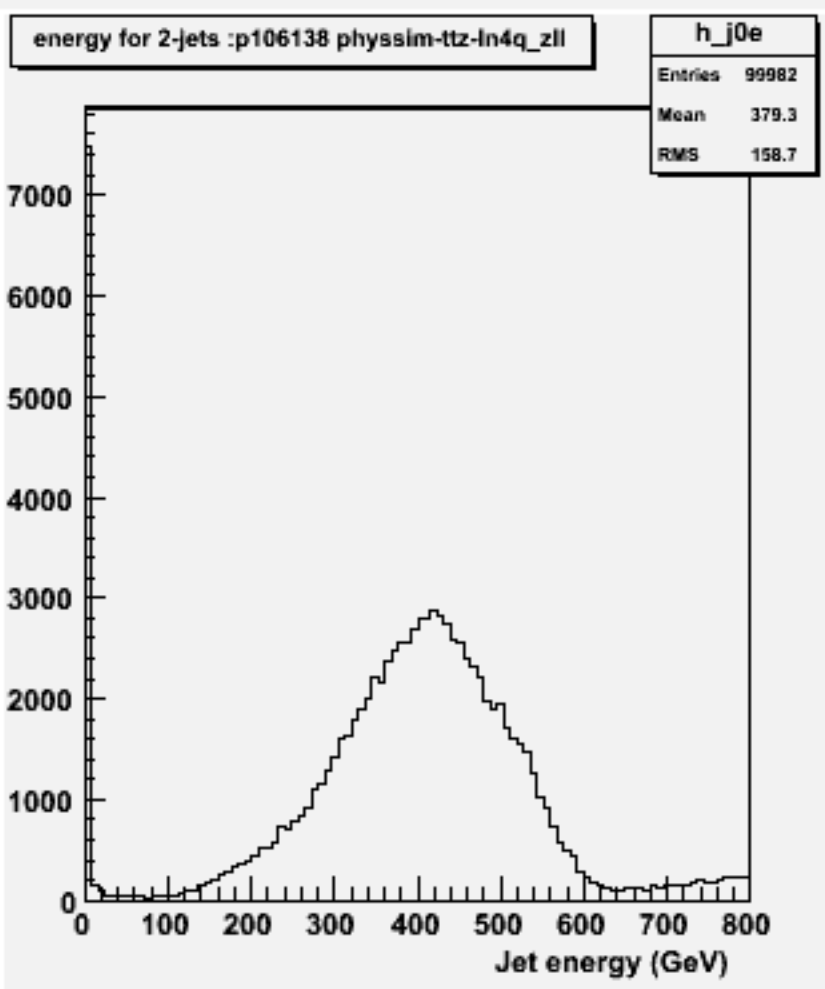
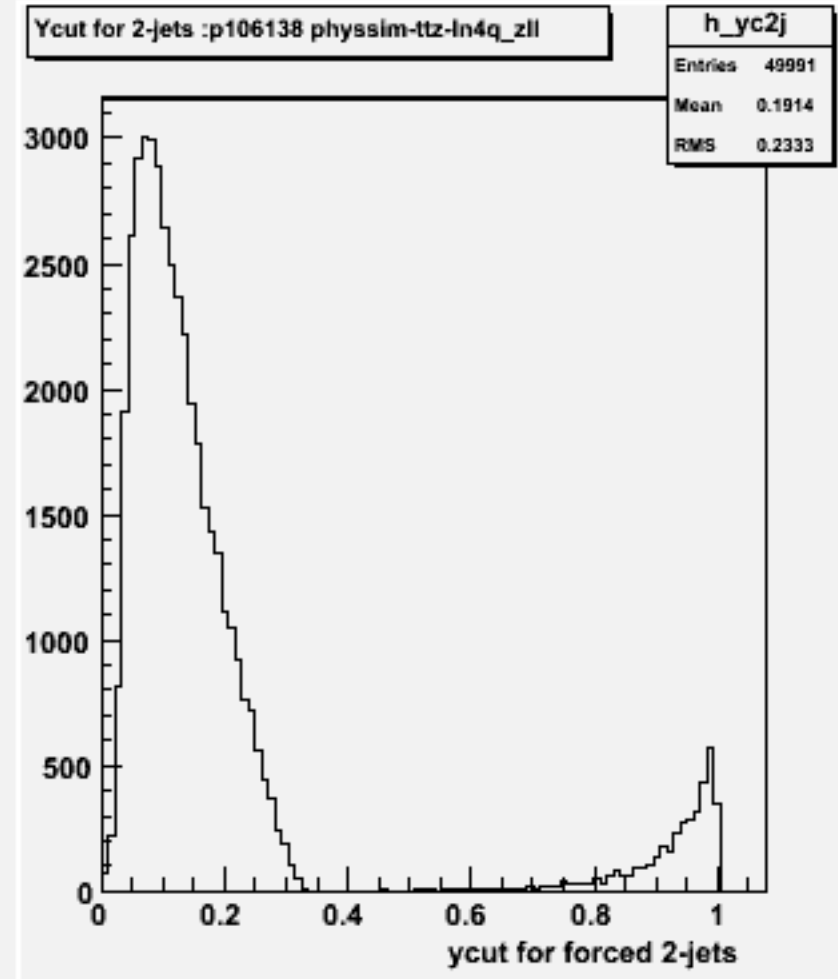
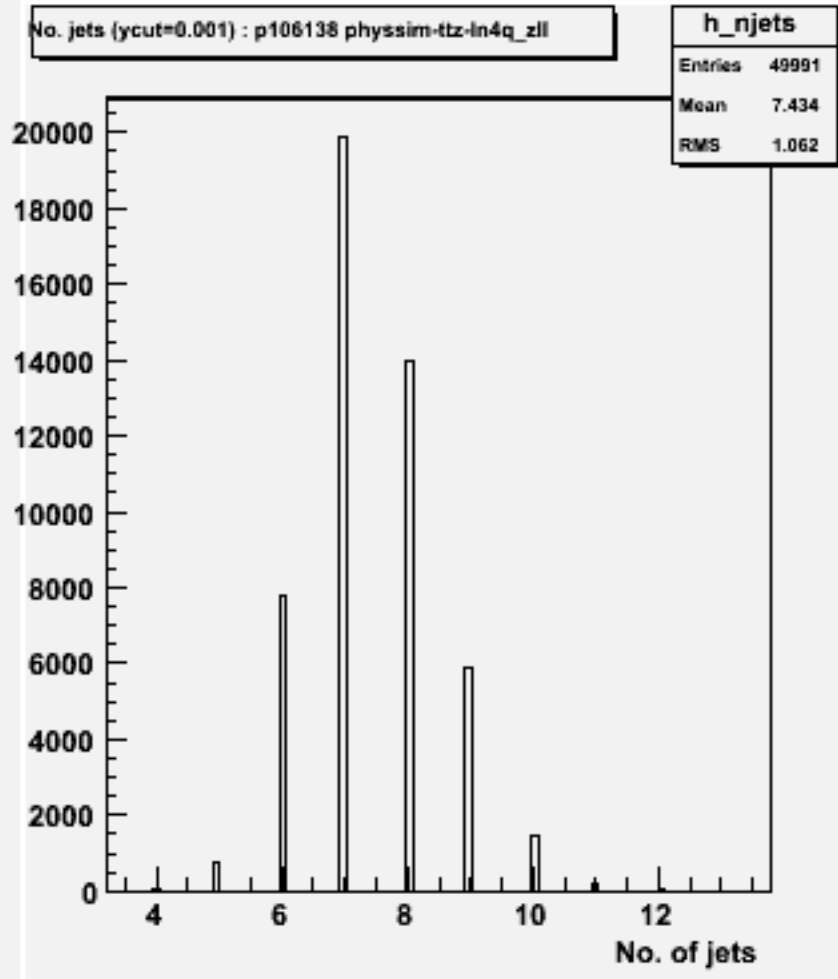
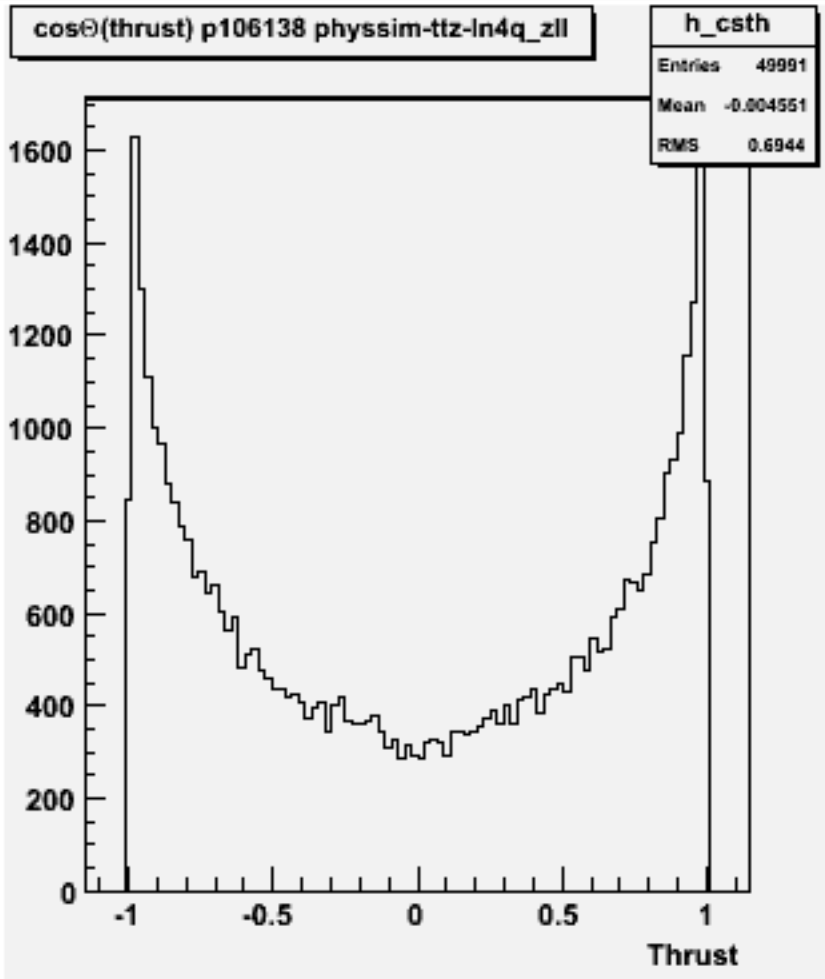


h_vz

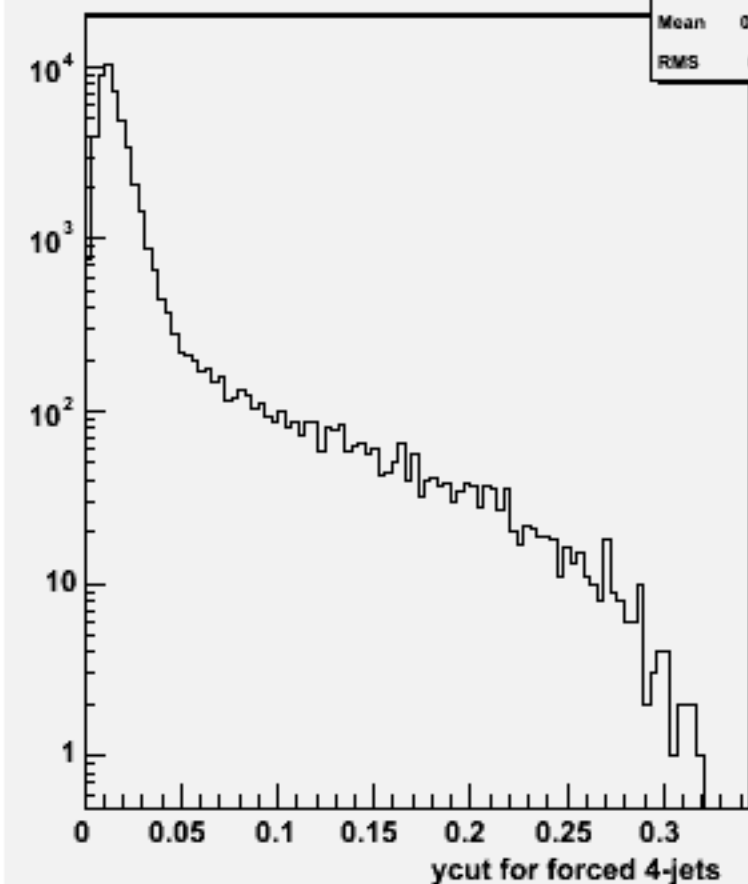
Entries	5882282
Mean	-0.04904
RMS	28.33





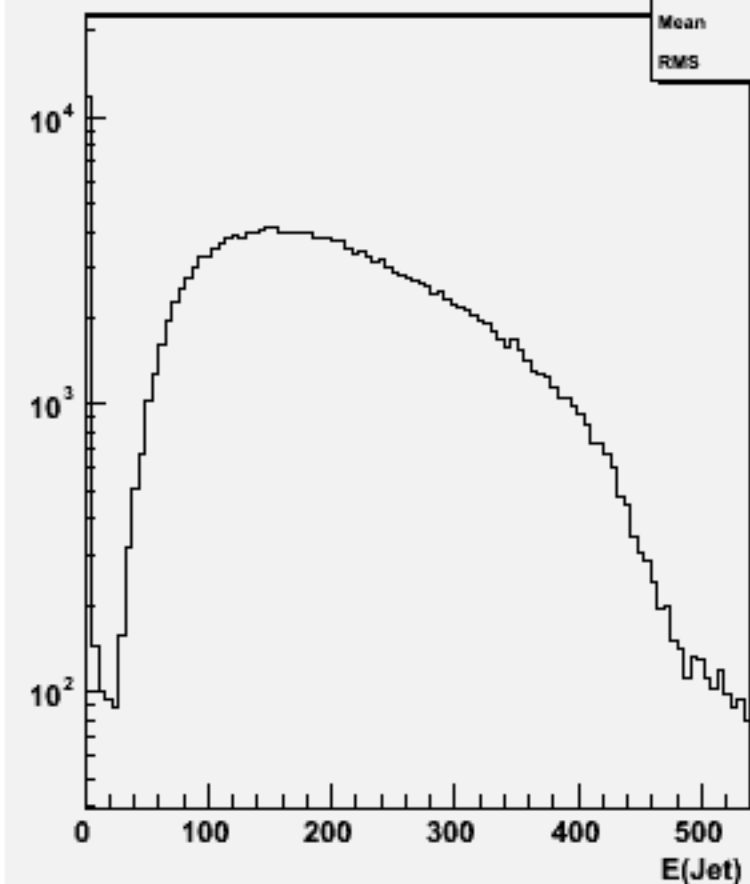


Ycut for 4-jets :p106138 physsim-ttz-ln4q_zll



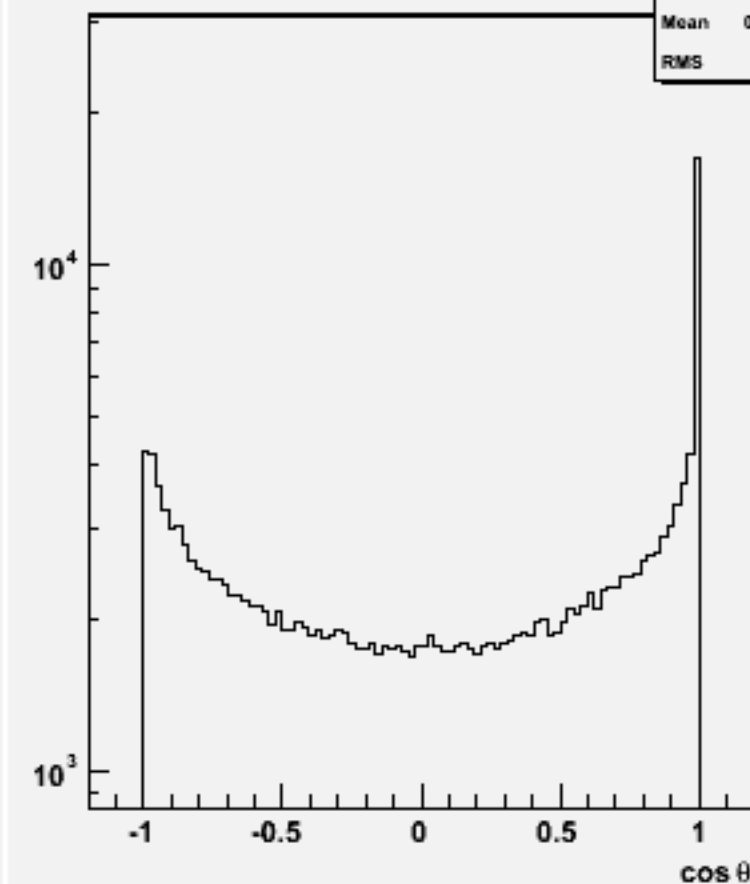
h_yc4j	
Entries	49991
Mean	0.02422
RMS	0.0344

Jet energies(All jets)p106138 physsim-ttz-ln4q_zll



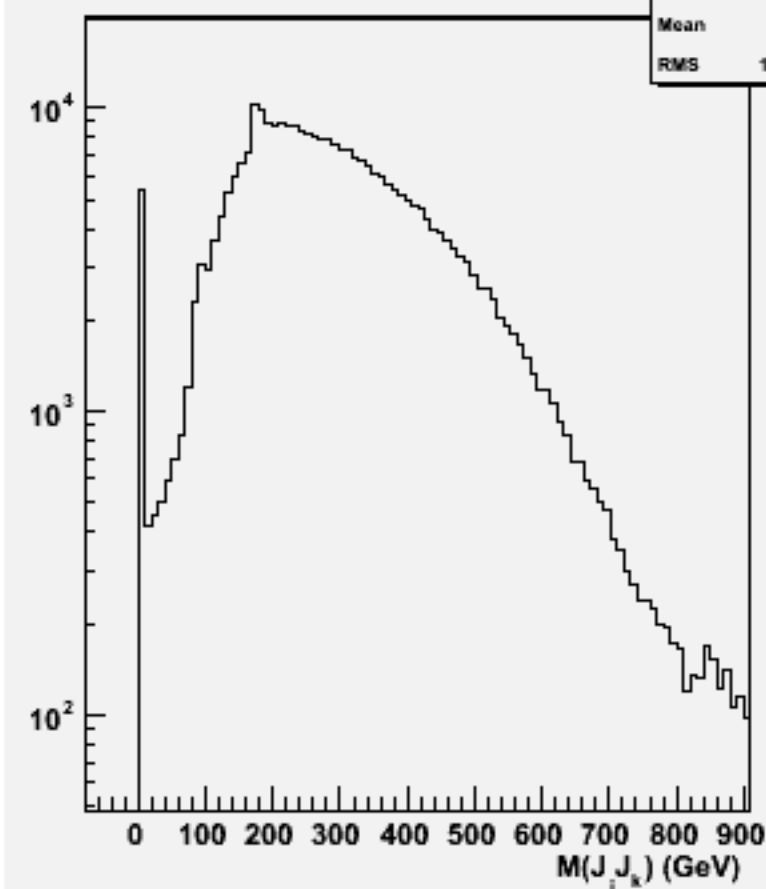
ha_j0e	
Entries	199964
Mean	199.3
RMS	108.3

Jet cosθ (All jets)p106138 physsim-ttz-ln4q_zll



ha_j0cs	
Entries	199964
Mean	0.06031
RMS	0.6708

2jets mass(All comb)p106138 physsim-ttz-ln4q_zll



ha_m01	
Entries	299946
Mean	301
RMS	150.6