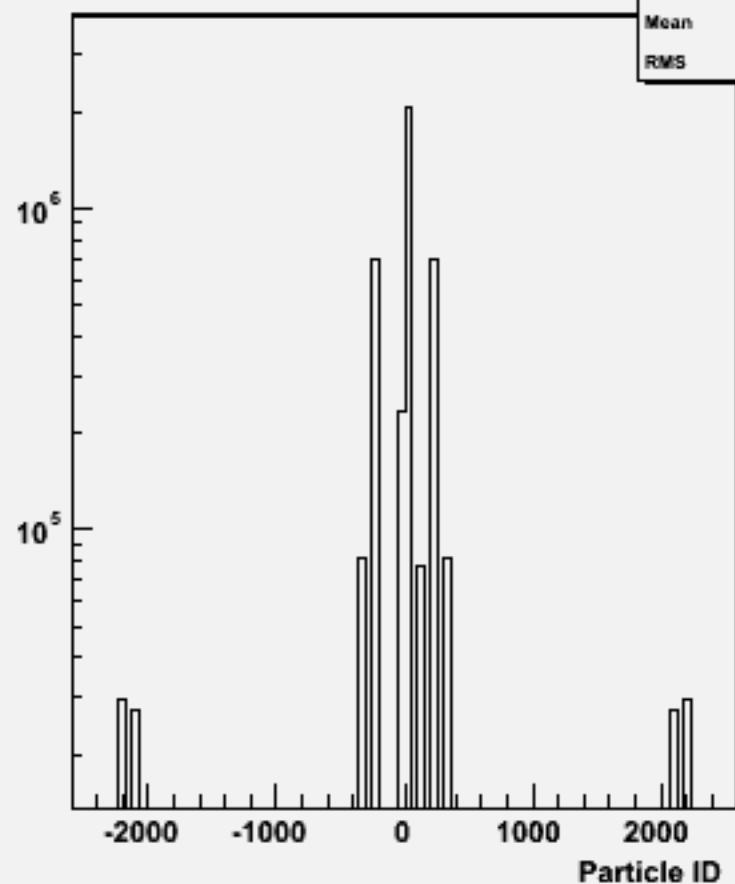


Generator file information: p106149 physsim-ttz-2l2nbb_z

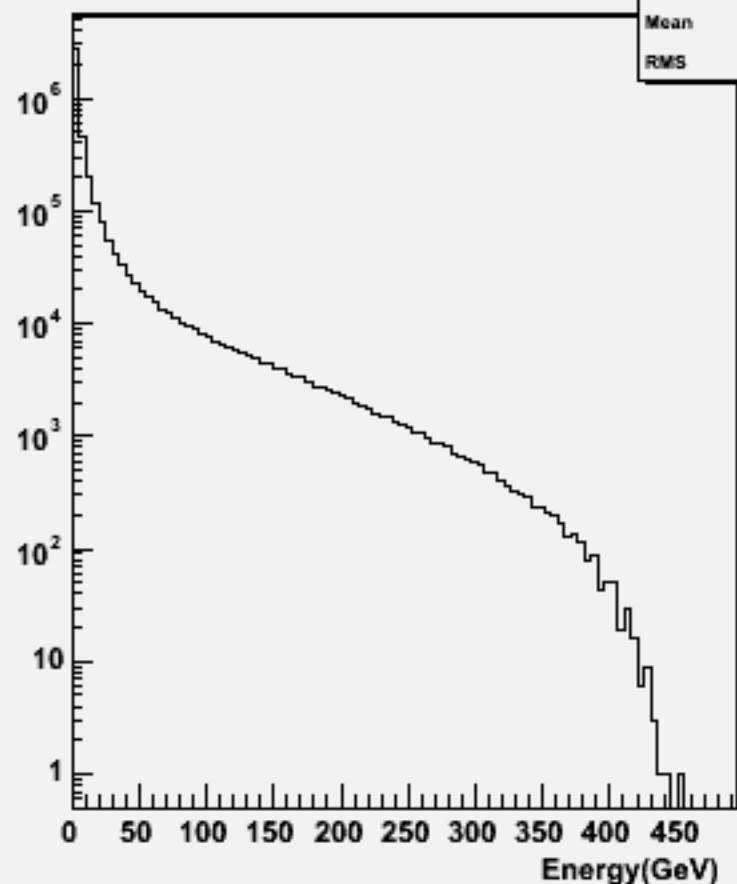
process_id=106149
job_date_time=110829-173101-GMT+0900
process_name=physsim-ttz-2l2nbb_zll
process_type=physsim-ttz-2l2nbb_zll
CM_energy_in_GeV=1000.0000
program_name_version=physsim_110706
pythia_version=6.422
stdhep_version=5-06-01
OS_version_build=2.6.18-164.el5;x86_64/GNU/Linux
OS_version_run=2.6.18-164.el5;x86_64/GNU/Linux
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=330507.97030063
cross_section_in_fb=0.151249
cross_section_error_in_fb=4.51907e-05
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=p106149_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/p106149

Particle ID : p106149 physsim-ttz-2l2nbb_zll



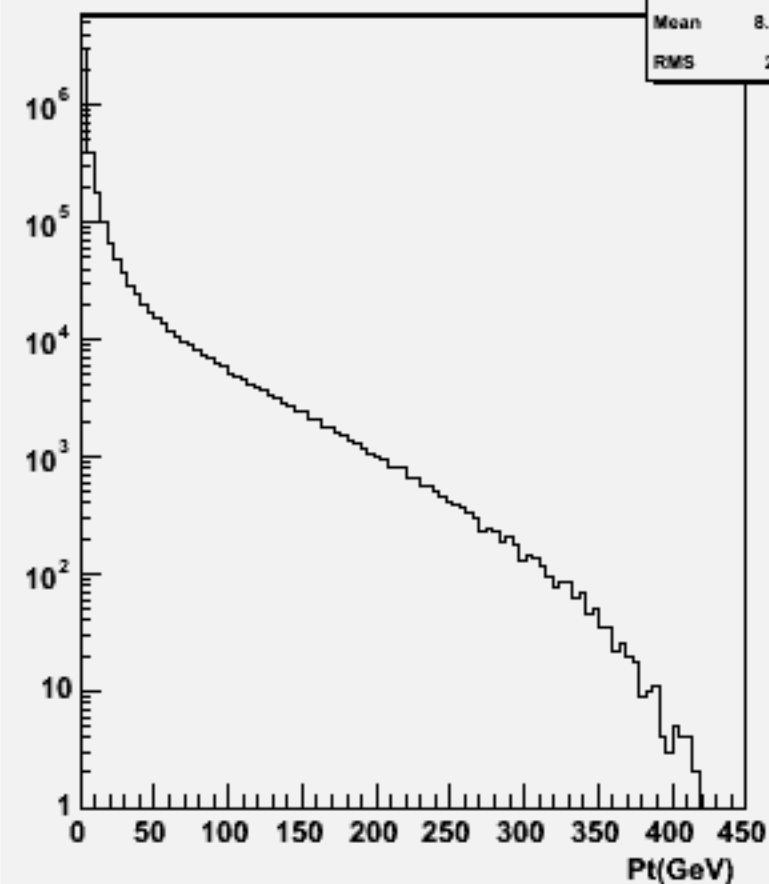
h_id	
Entries	4042698
Mean	12.48
RMS	389.9

Particle Energy : p106149 physsim-ttz-2l2nbb_zll



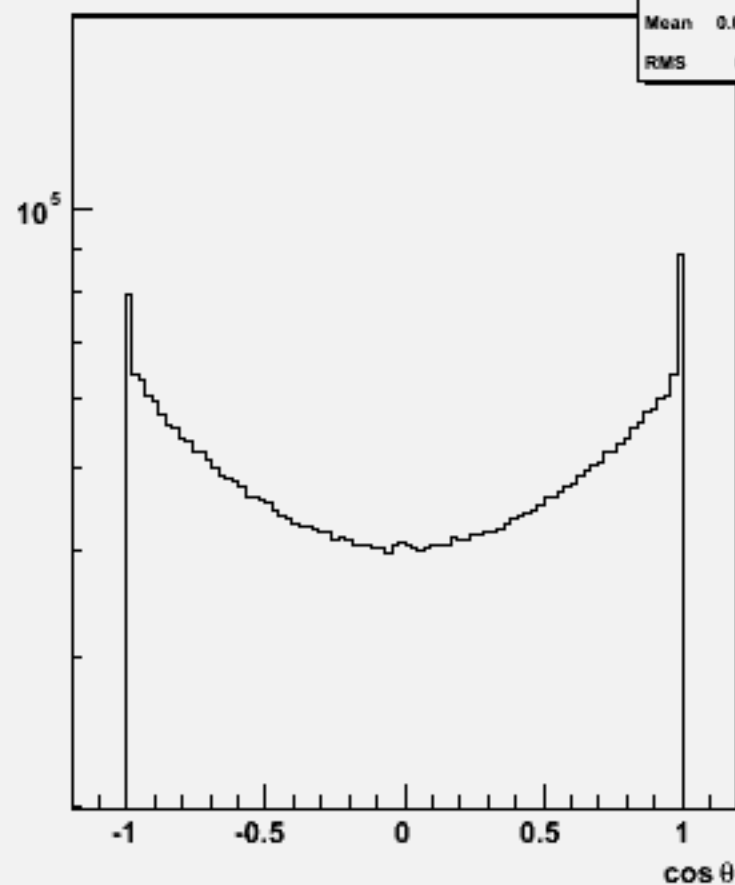
h_e	
Entries	4042698
Mean	12.08
RMS	32.7

Particle Pt : p106149 physsim-ttz-2l2nbb_zll



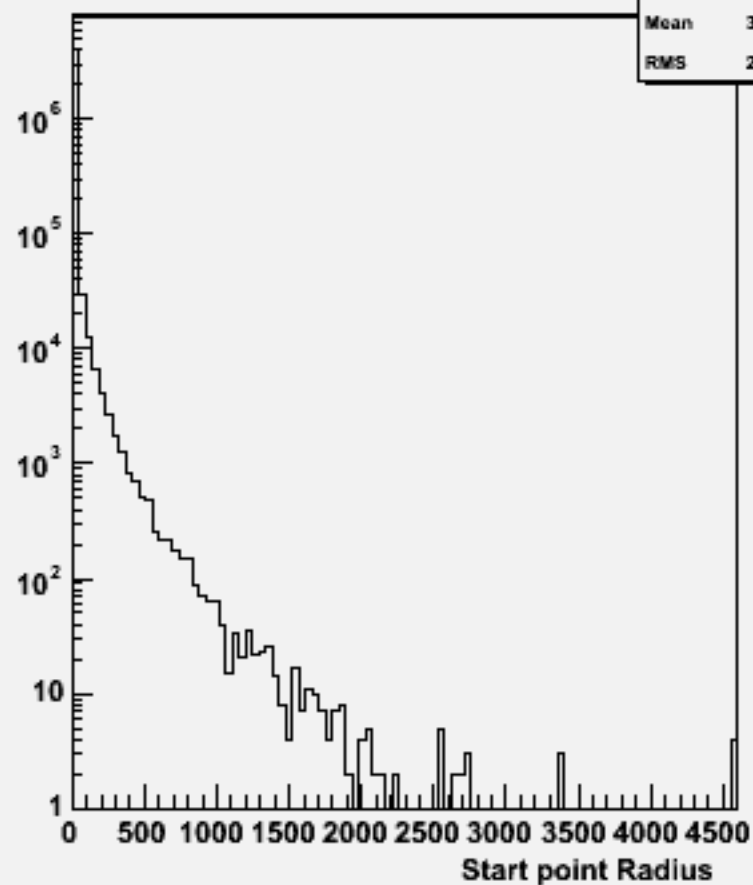
h_pt	
Entries	4042698
Mean	8.576
RMS	24.3

Particle cosθ : p106149 physsim-ttz-2l2nbb_zll



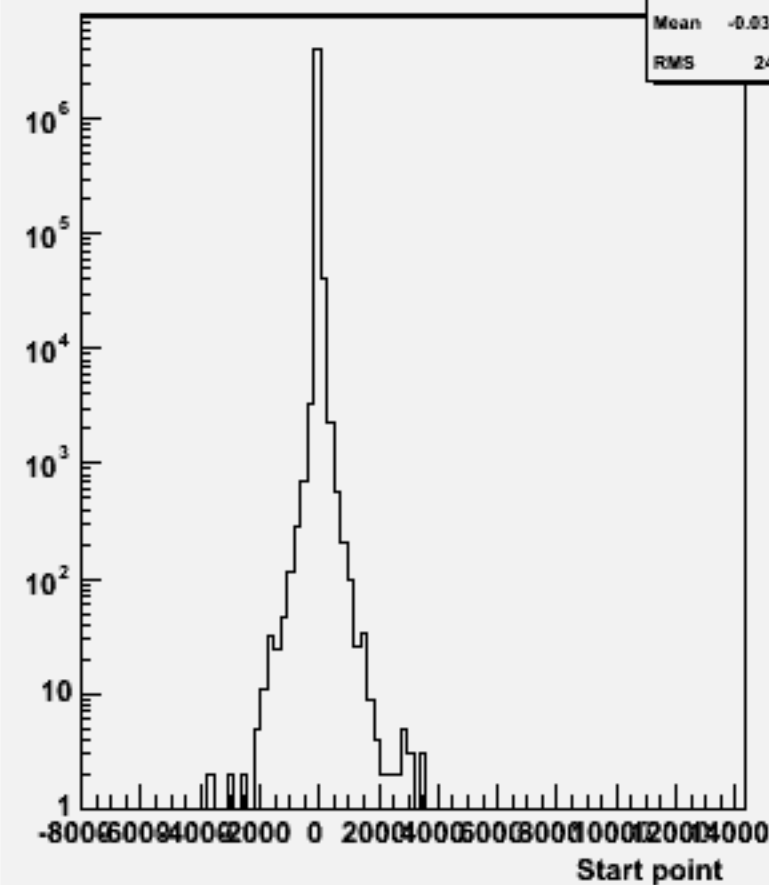
h_cs	
Entries	4042698
Mean	0.001539
RMS	0.6248

Start point R : p106149 physsim-ttz-2l2nbb_zll

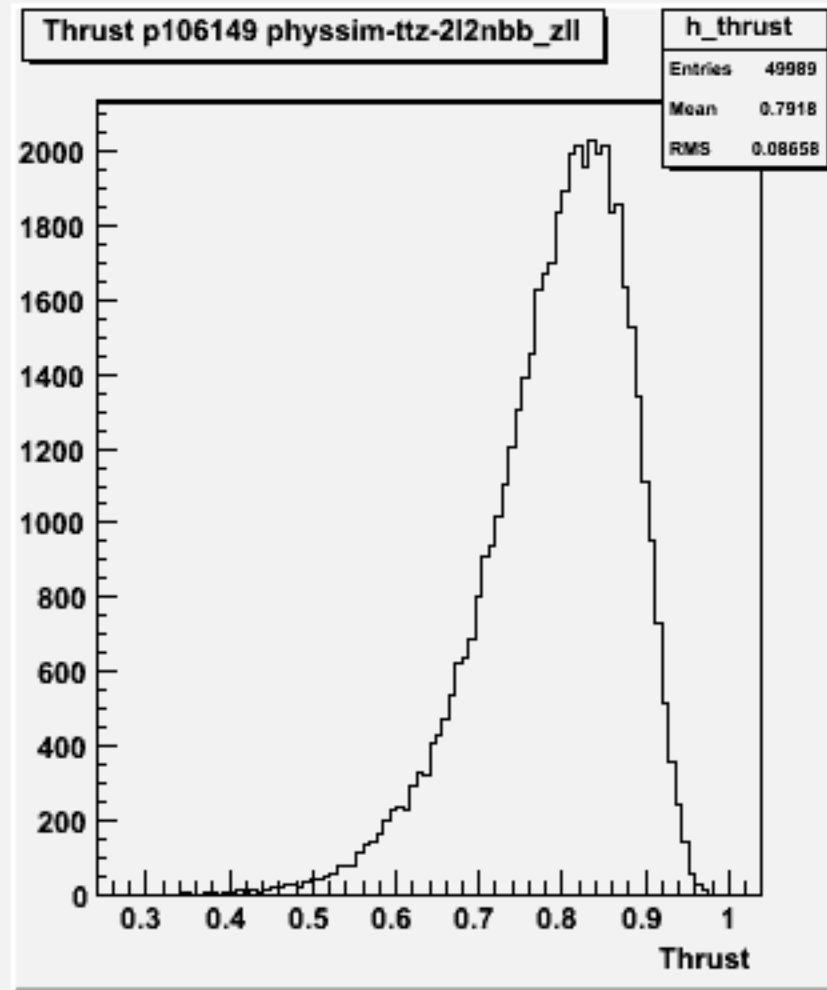
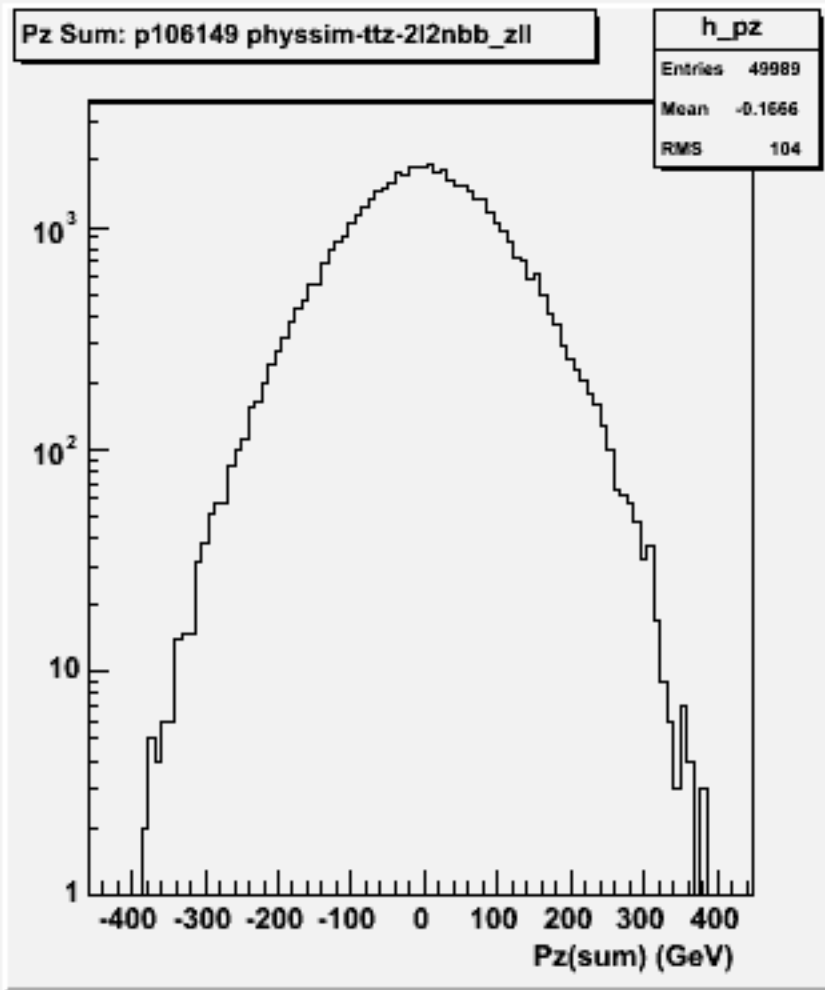
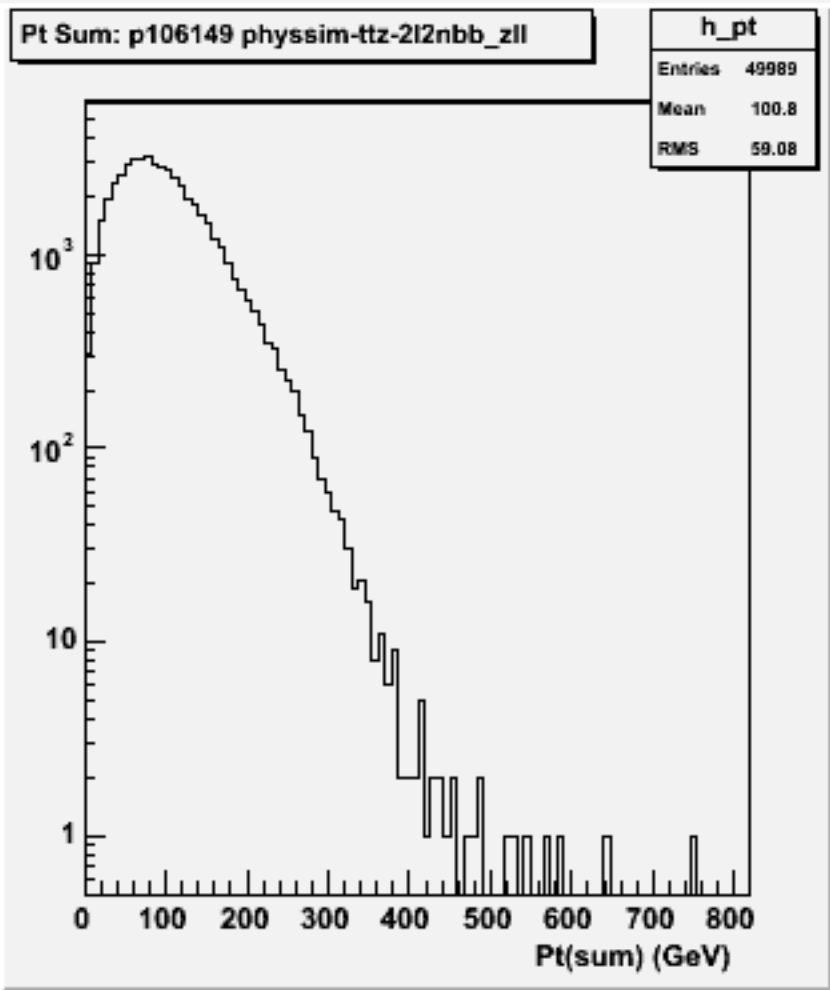
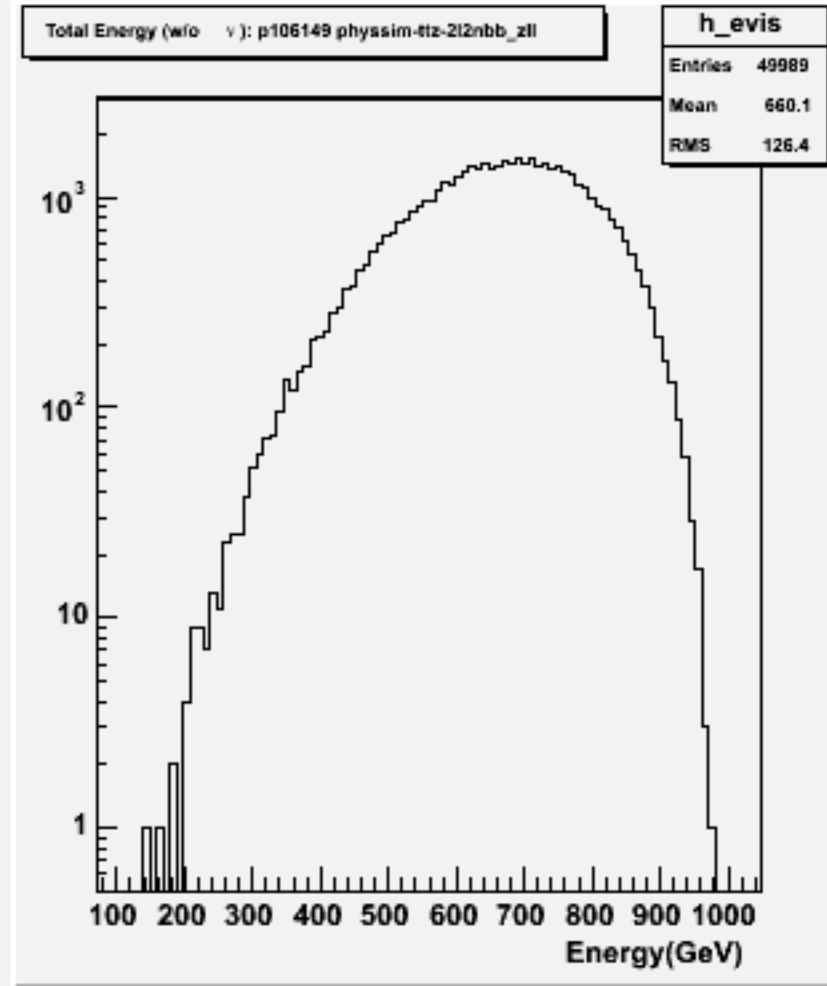
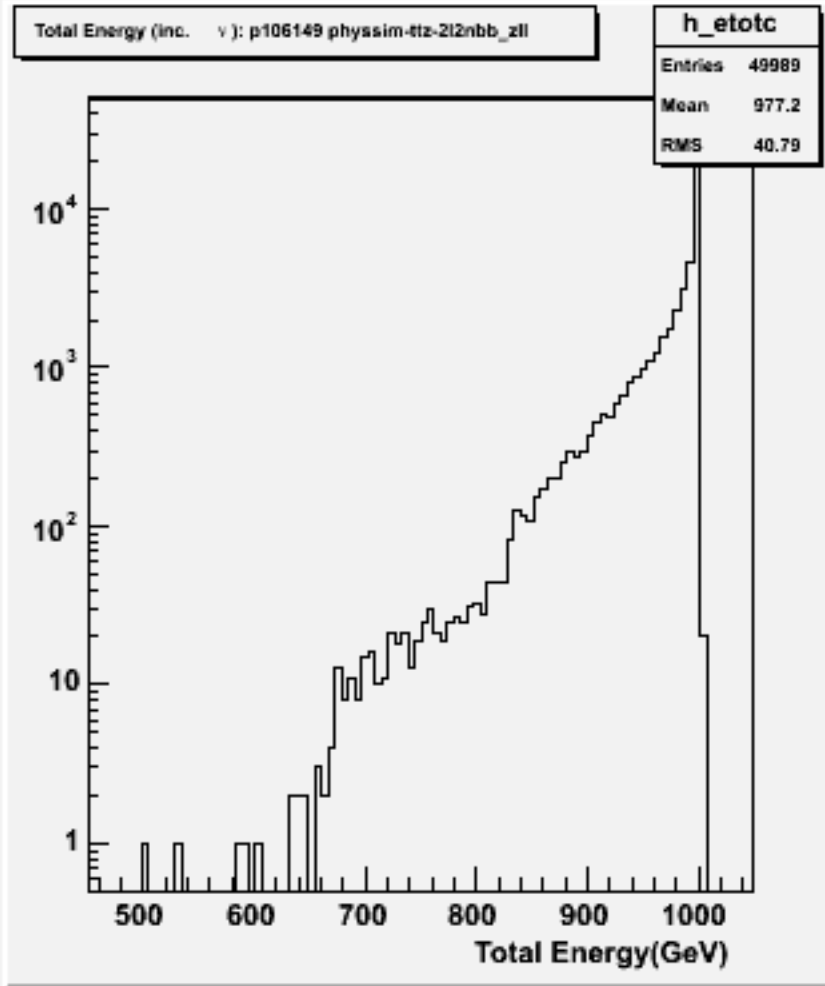
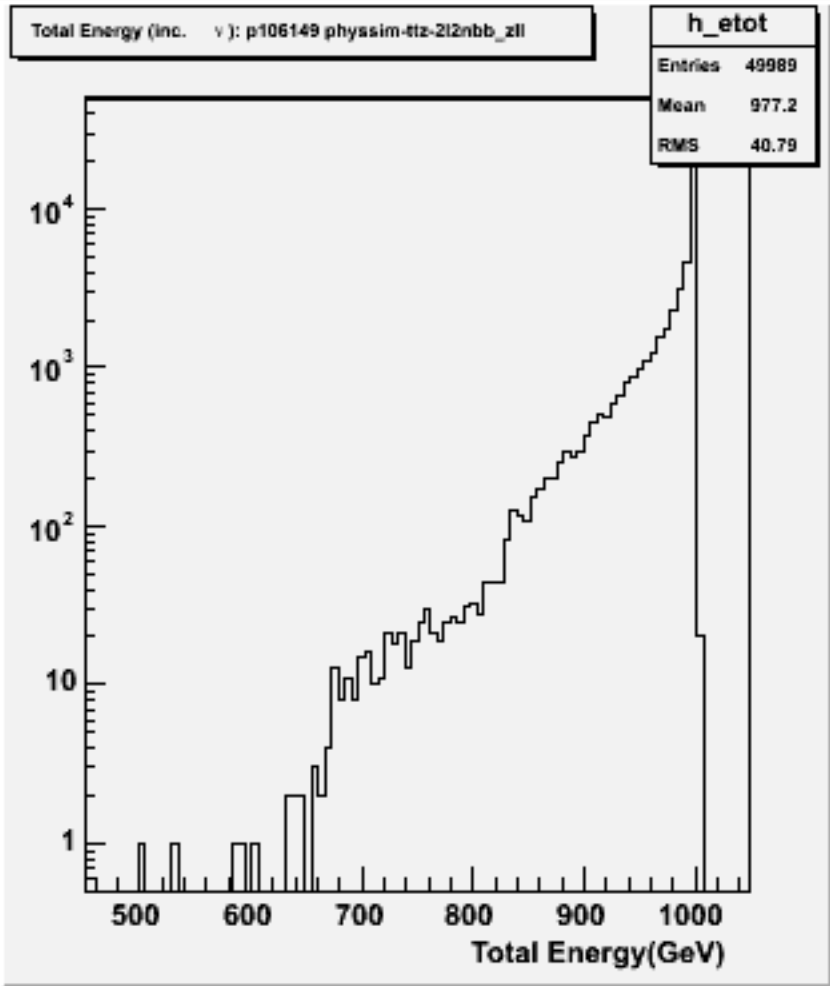


h_vr	
Entries	4042698
Mean	3.259
RMS	28.36

Start point Z : p106149 physsim-ttz-2l2nbb_zll



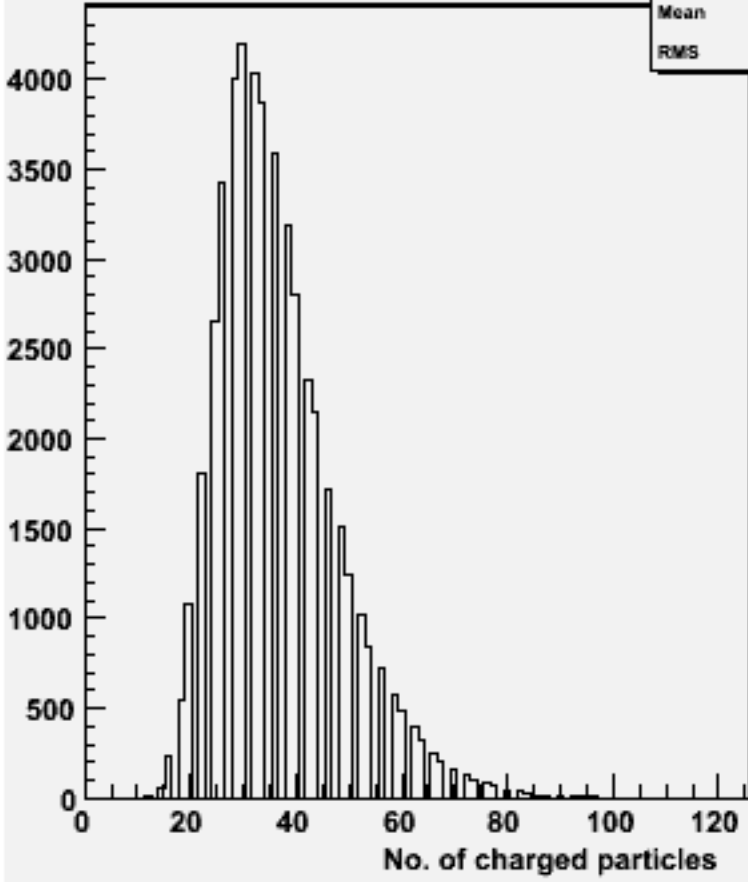
h_vz	
Entries	4042698
Mean	-0.03958
RMS	24.85



No. of Charged particles : p106149 physsim-ttz-2l2nbb_zll

h_nchg

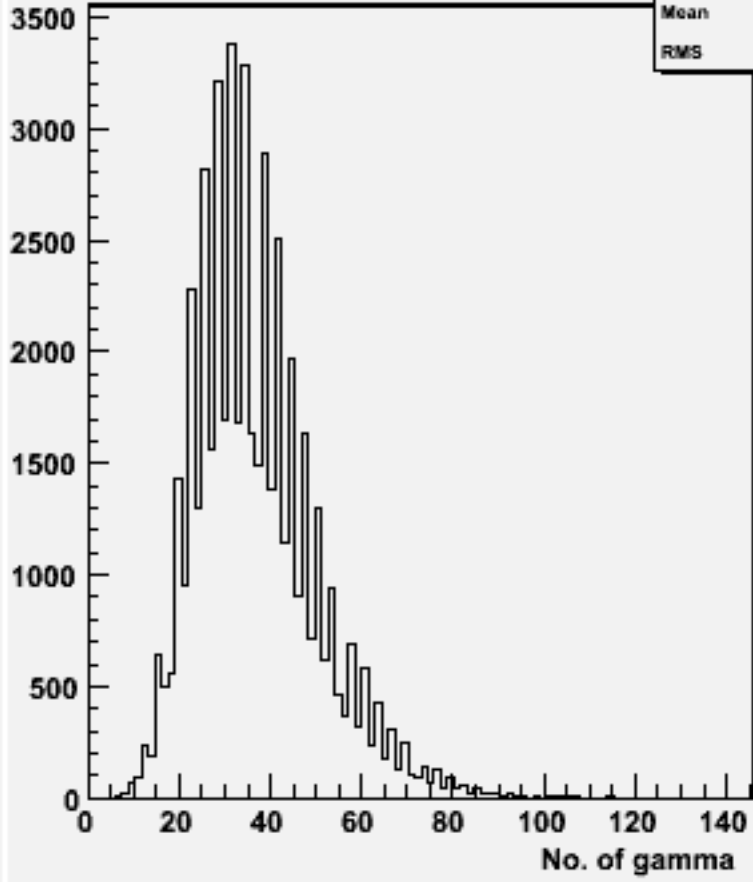
Entries	49989
Mean	36.59
RMS	11.51



No. of Gamma : p106149 physsim-ttz-2l2nbb_zll

h_ngam

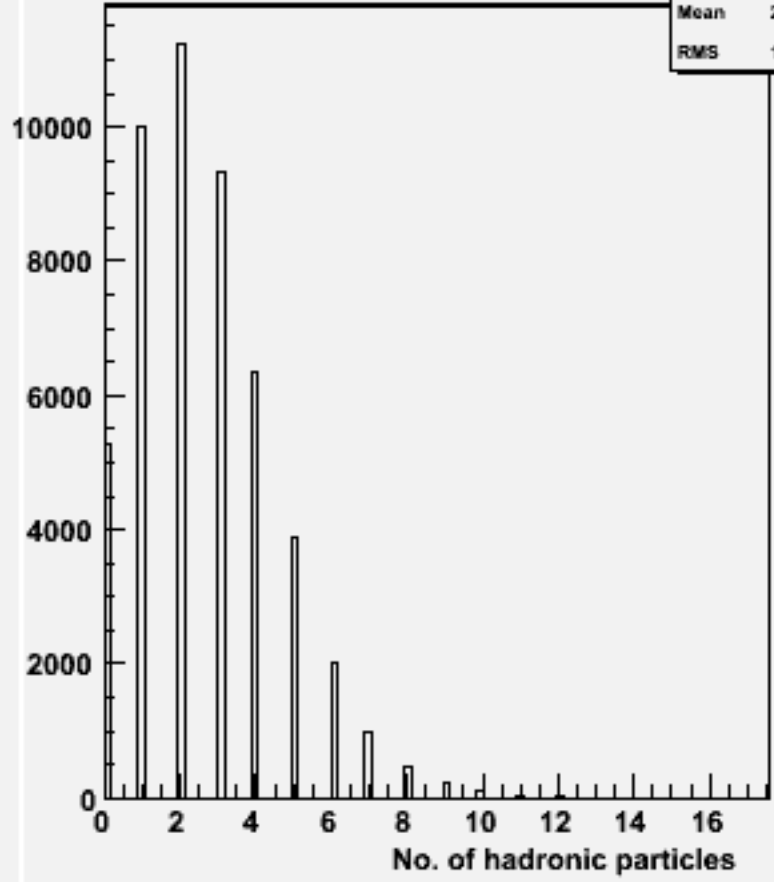
Entries	49989
Mean	36.79
RMS	13.23



No. of Hadronic particles : p106149 physsim-ttz-2l2nbb_zll

h_nhad

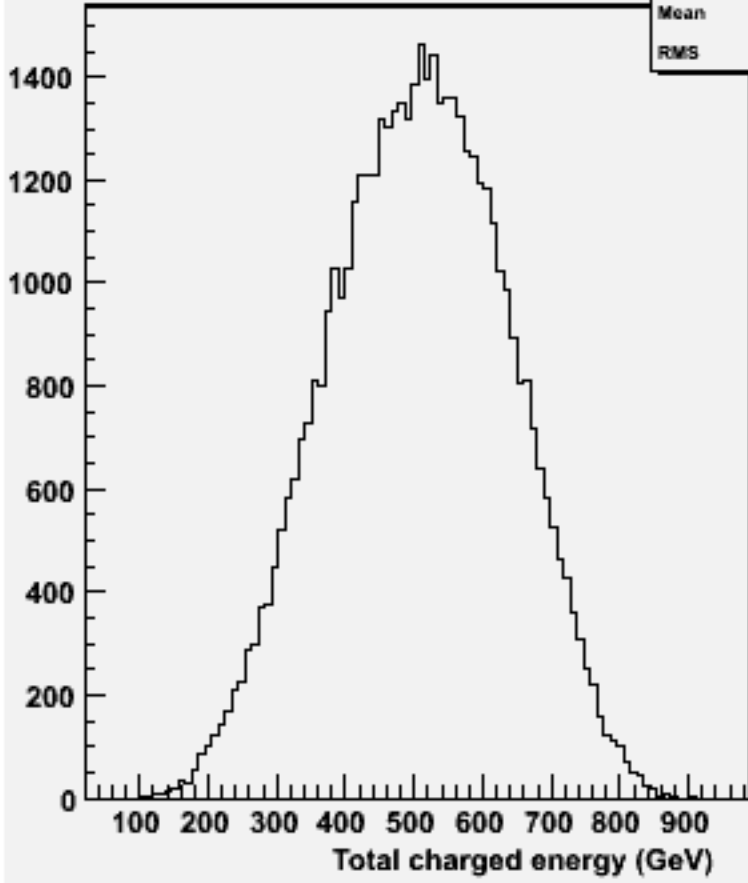
Entries	49989
Mean	2.643
RMS	1.892



Total charged energy : p106149 physsim-ttz-2l2nbb_zll

h_echg

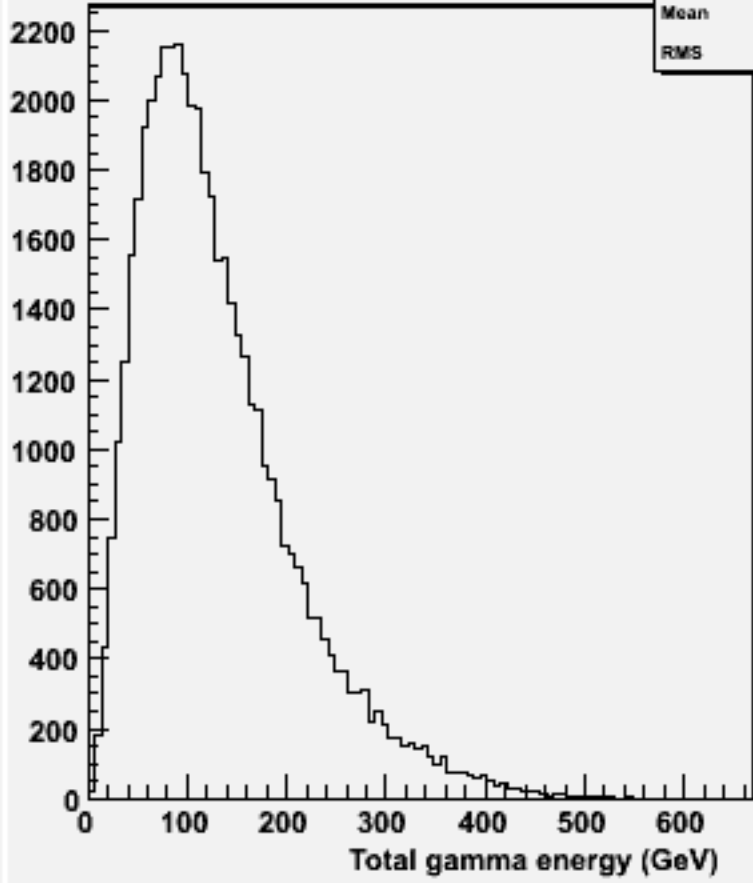
Entries	49989
Mean	505.3
RMS	128.8



Total gamma energy : p106149 physsim-ttz-2l2nbb_zll

h_egam

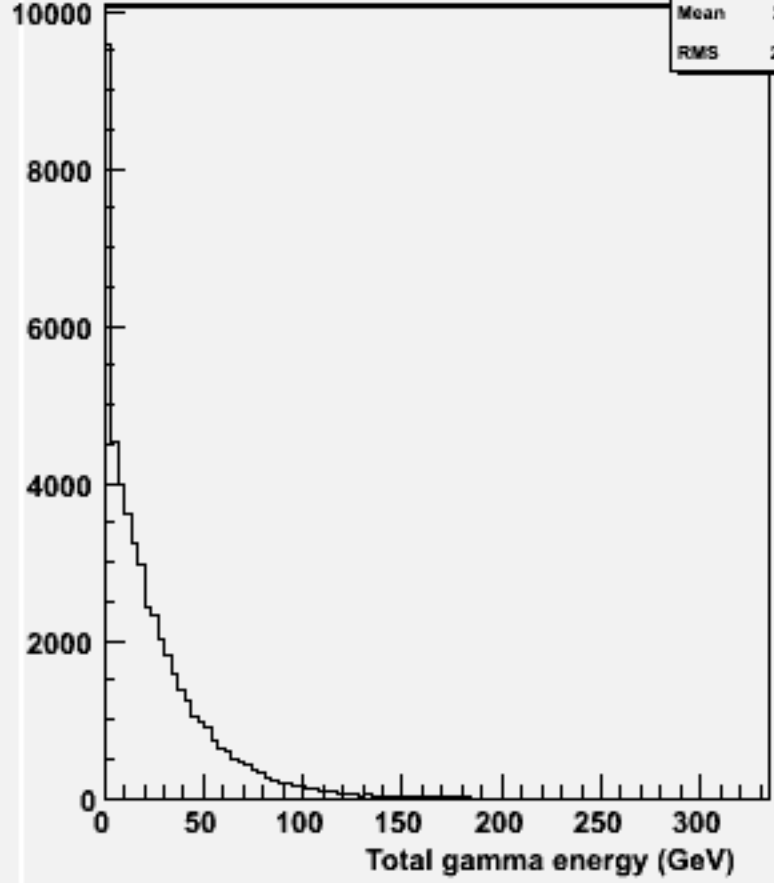
Entries	49989
Mean	129.9
RMS	79.09

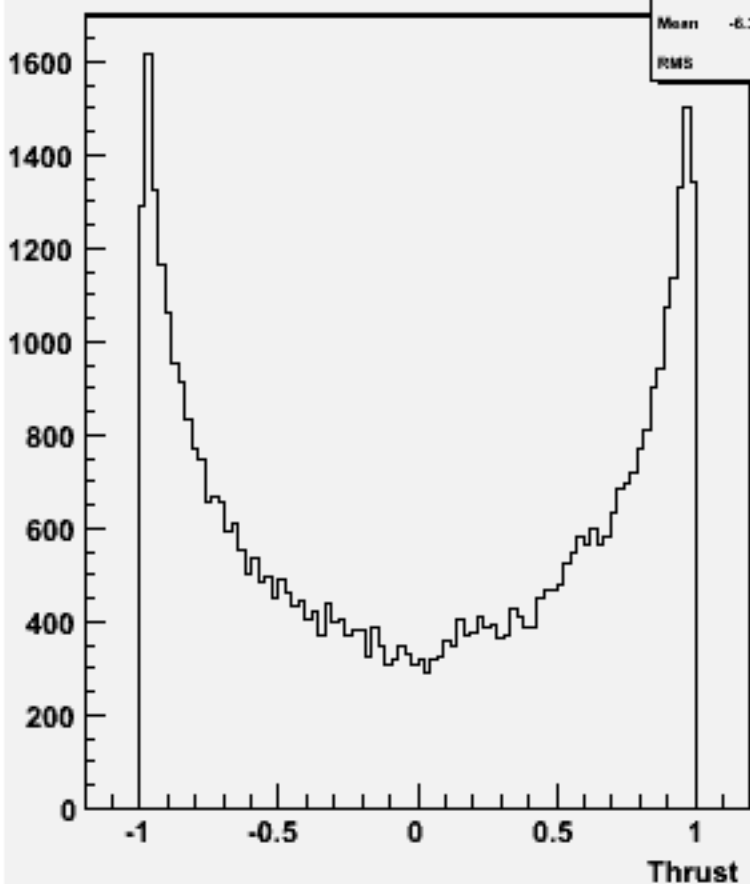


Total hadronic energy : p106149 physsim-ttz-2l2nbb_zll

h_ehad

Entries	49989
Mean	24.91
RMS	26.69

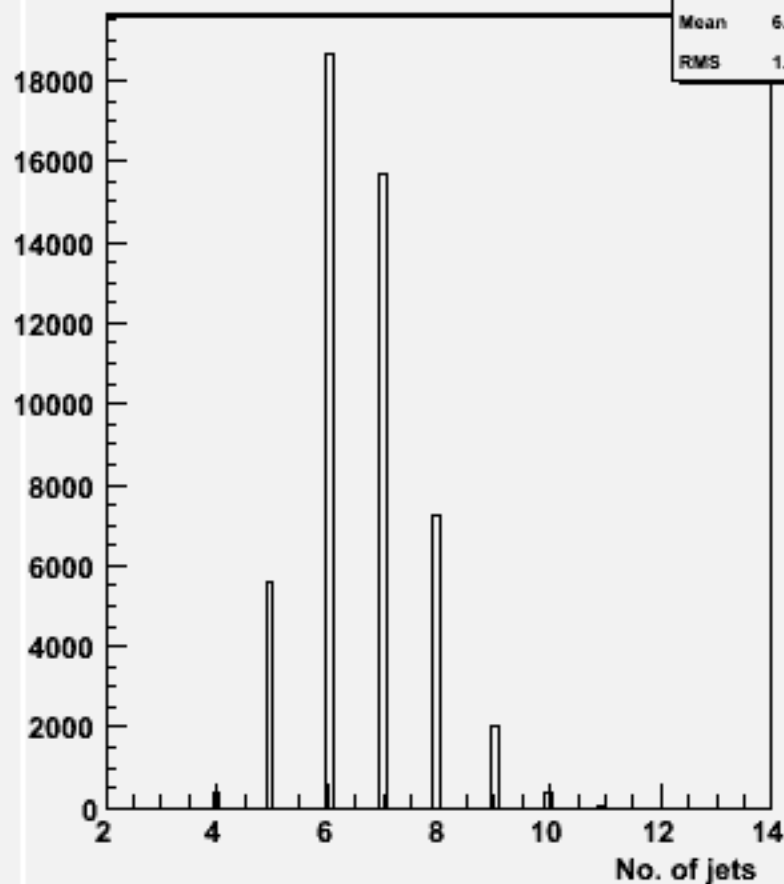


cos Θ (thrust) p106149 physsim-ttz-2l2nbb_zll

h_csth

Entries	49989
Mean	-6.361e-05
RMS	0.6966

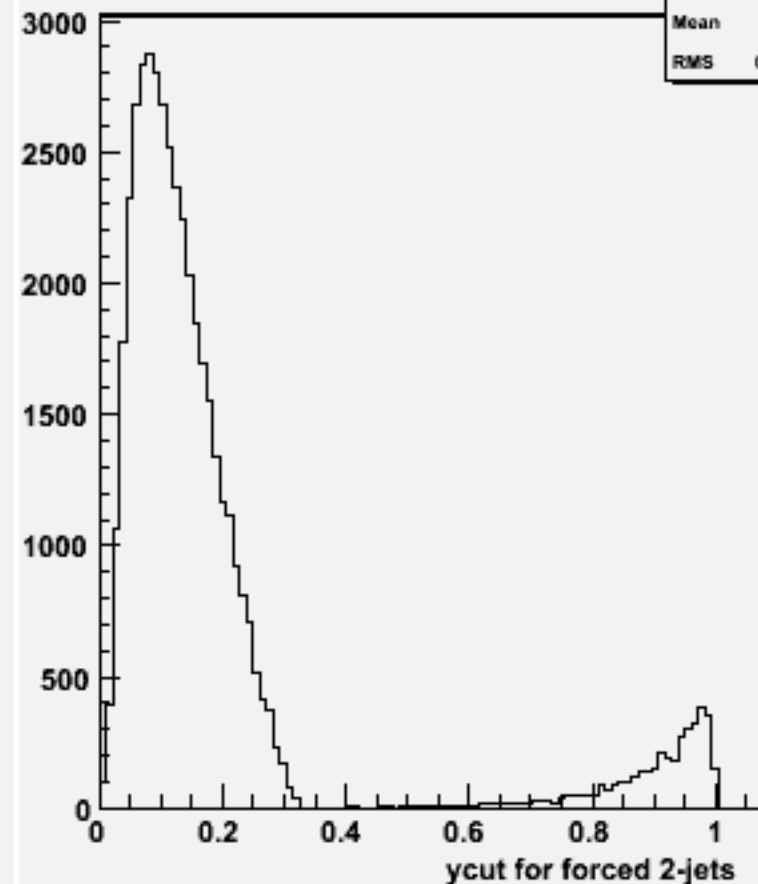
No. jets (ycut=0.001) : p106149 physsim-ttz-2l2nbb_zll



h_njets

Entries	49989
Mean	6.638
RMS	1.073

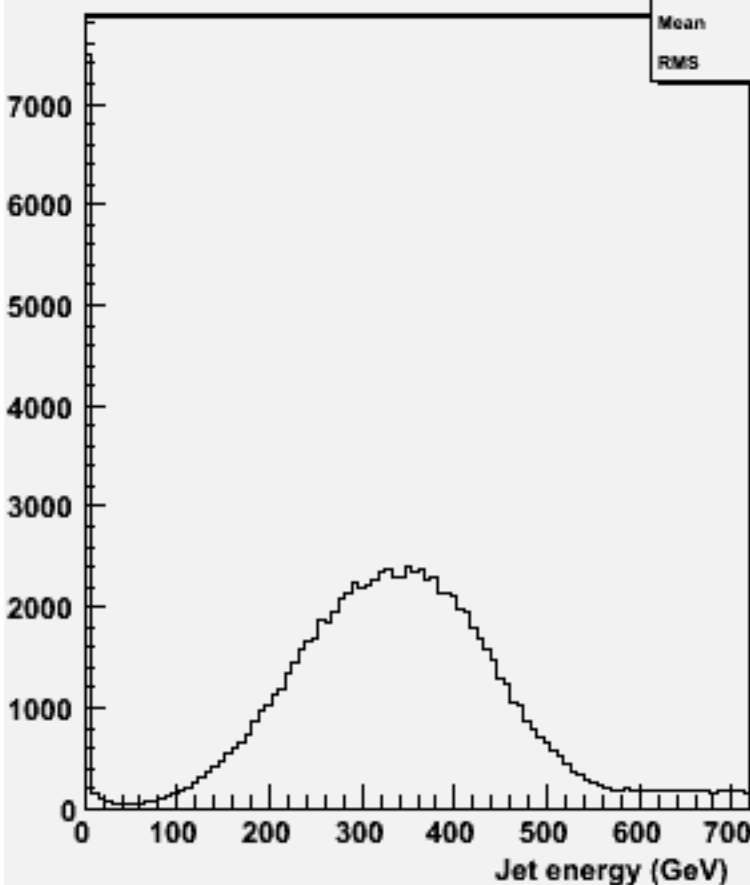
Ycut for 2-jets : p106149 physsim-ttz-2l2nbb_zll



h_yc2j

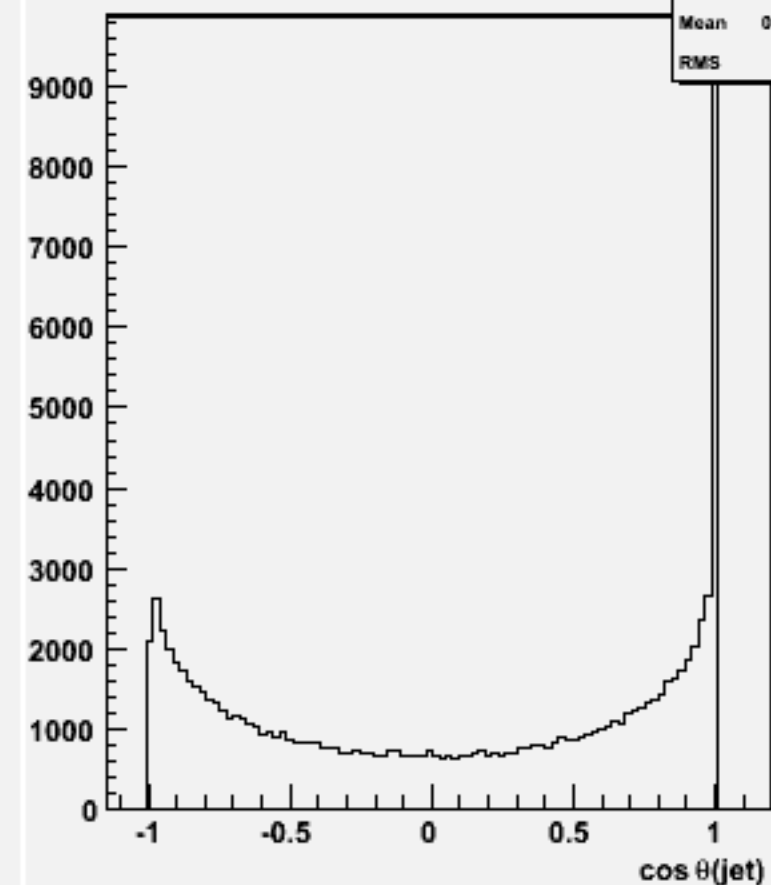
Entries	49989
Mean	0.191
RMS	0.2284

energy for 2-jets : p106149 physsim-ttz-2l2nbb_zll



h_j0e

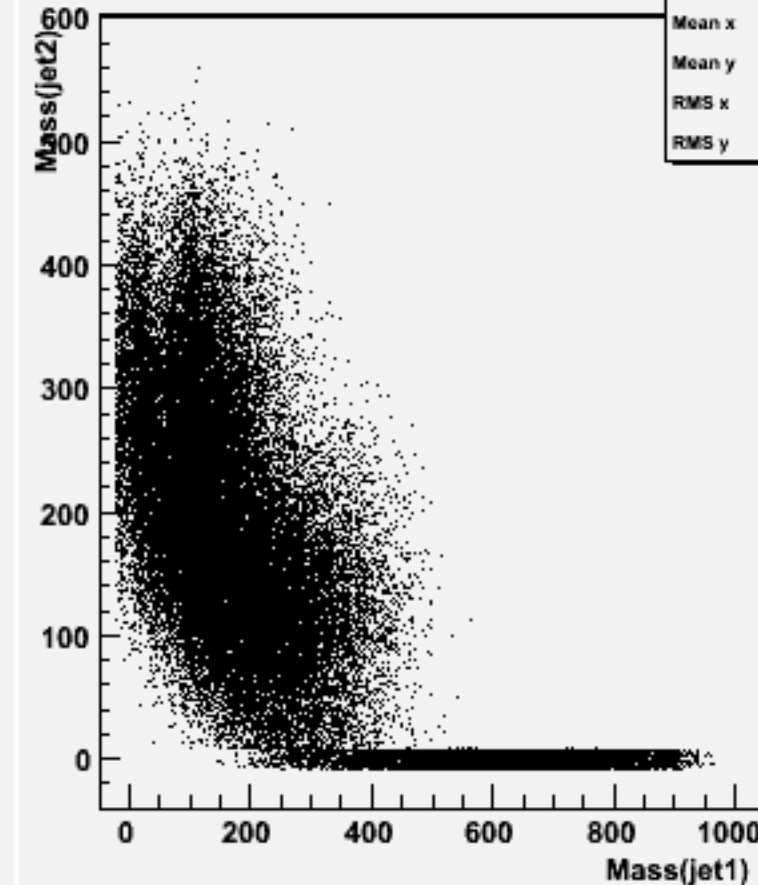
Entries	99978
Mean	317.8
RMS	144.2

cos Θ for 2-jets : p106149 physsim-ttz-2l2nbb_zll

h_j0cs

Entries	99978
Mean	0.07788
RMS	0.7111

Jet mass for forced 2-jets : p106149 physsim-ttz-2l2nbb_zll



h_j0mj1m

Entries	49989
Mean x	234.1
Mean y	168.6
RMS x	204
RMS y	116.8

