

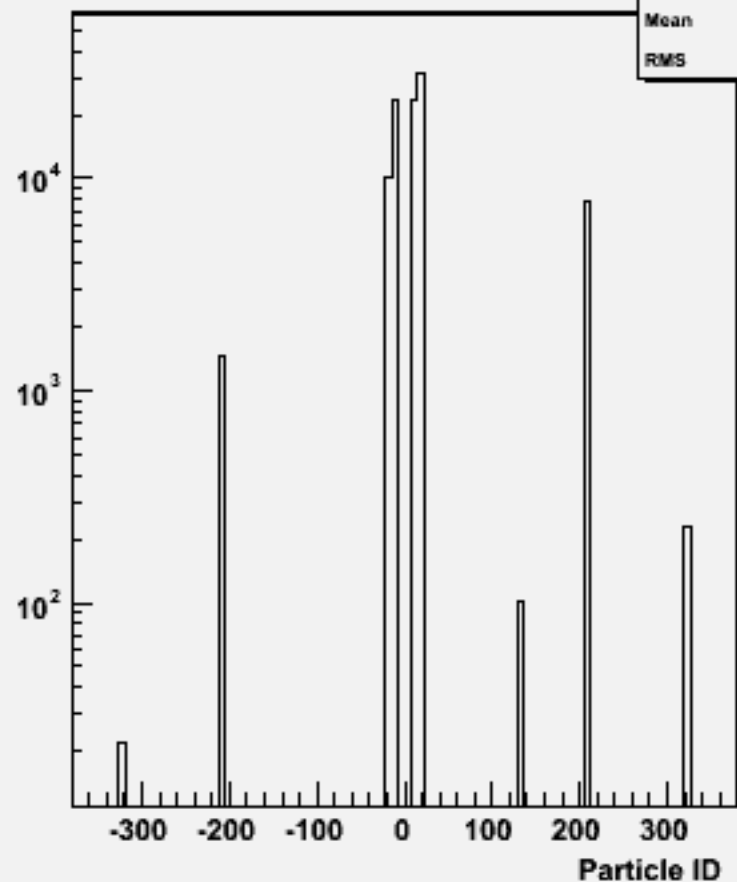
Generator file information: w103454 ae1_n1n3e3n1n1_o

process_id=w103454
job_date_time=100808-152200
process_name=ae1_n1n3e3n1n1_o
CM_energy_in_GeV=350
program_name_version=whizard-1.40
beam_particle1=e1
beam_particle2=E1
polarization1=0.0
polarization2=+1.0
luminosity=1000
cross_section_in_fb=0.0168731079727458
lumi_file=/tmp/lumi_linker_directory/lumi_linker_008
file_type=stdhep
total_number_of_events=10000
number_of_files=1
file_names=w103454_01.stdhep
number_of_events_in_files=10000
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0350
logurl=http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w103454/run_01
comment=

Particle ID : w103454 ae1_n1n3e3n1n1_o

h_id

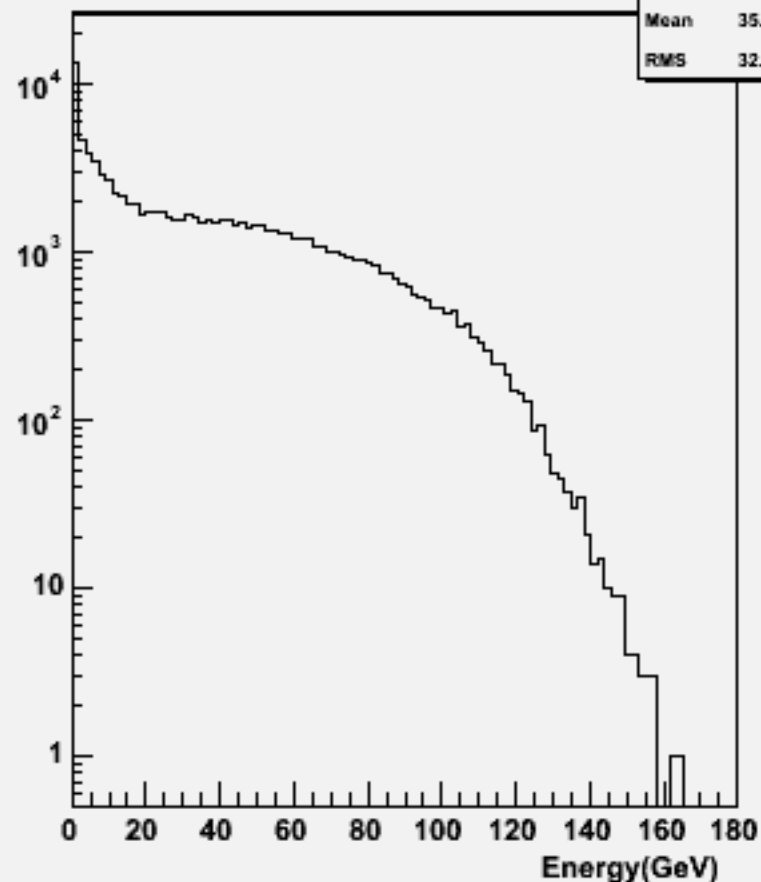
Entries	97871
Mean	18.91
RMS	65.71



Particle Energy : w103454 ae1_n1n3e3n1n1_o

h_e

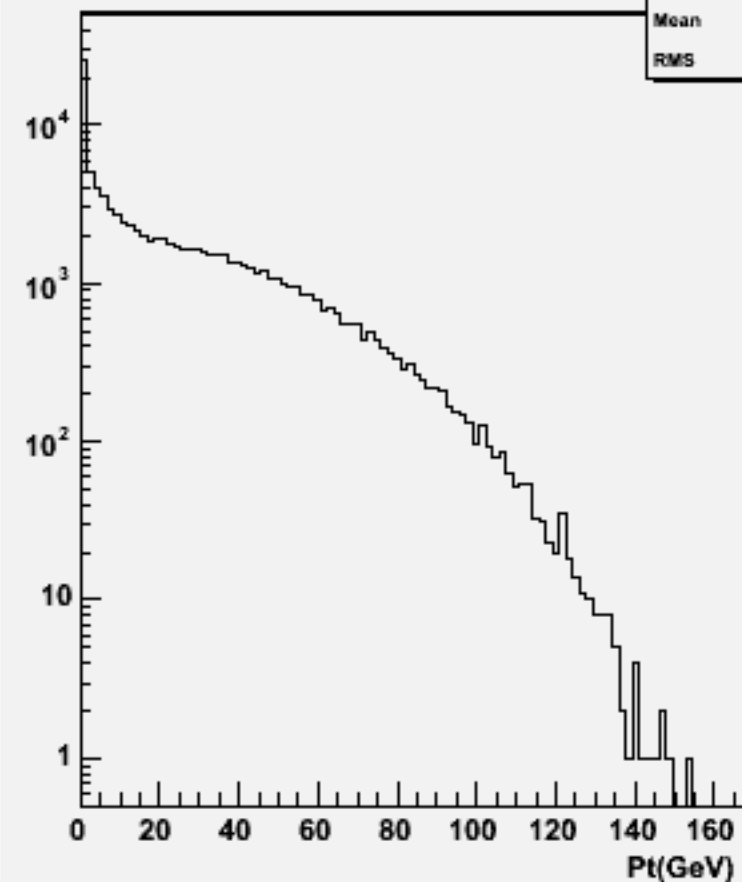
Entries	97871
Mean	35.53
RMS	32.14



Particle Pt : w103454 ae1_n1n3e3n1n1_o

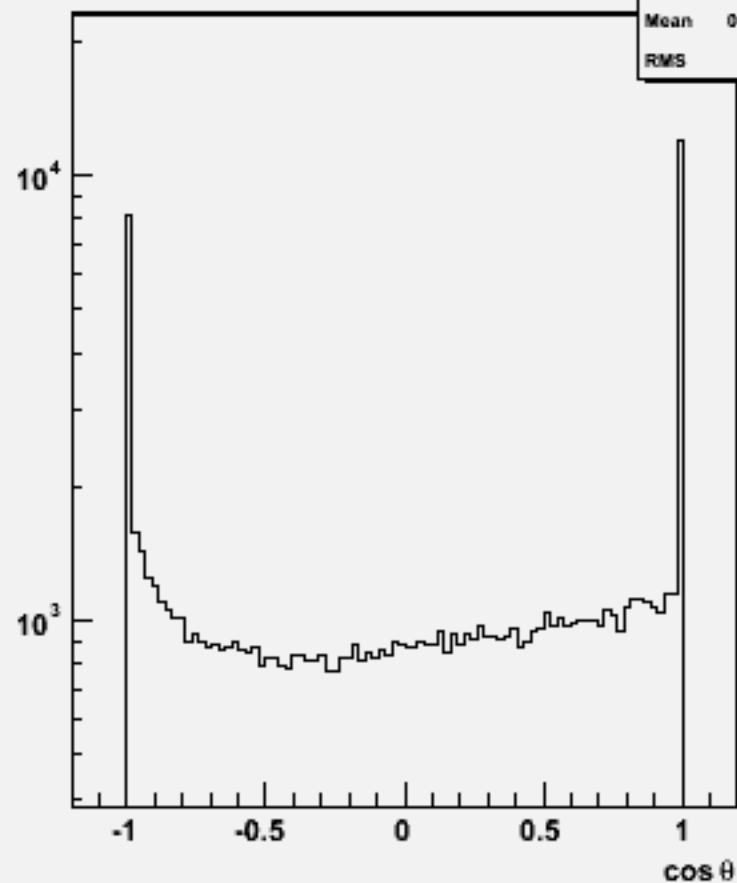
h_pt

Entries	97871
Mean	22.59
RMS	25.09

Particle cos θ : w103454 ae1_n1n3e3n1n1_o

h_cs

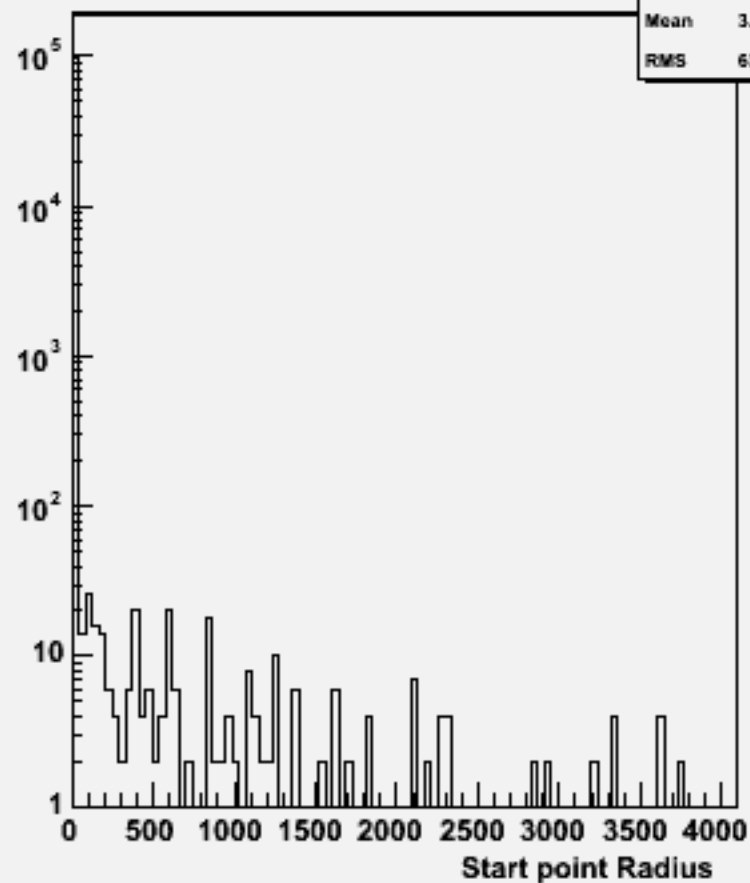
Entries	97871
Mean	0.04681
RMS	0.6971



Start point R : w103454 ae1_n1n3e3n1n1_o

h_vr

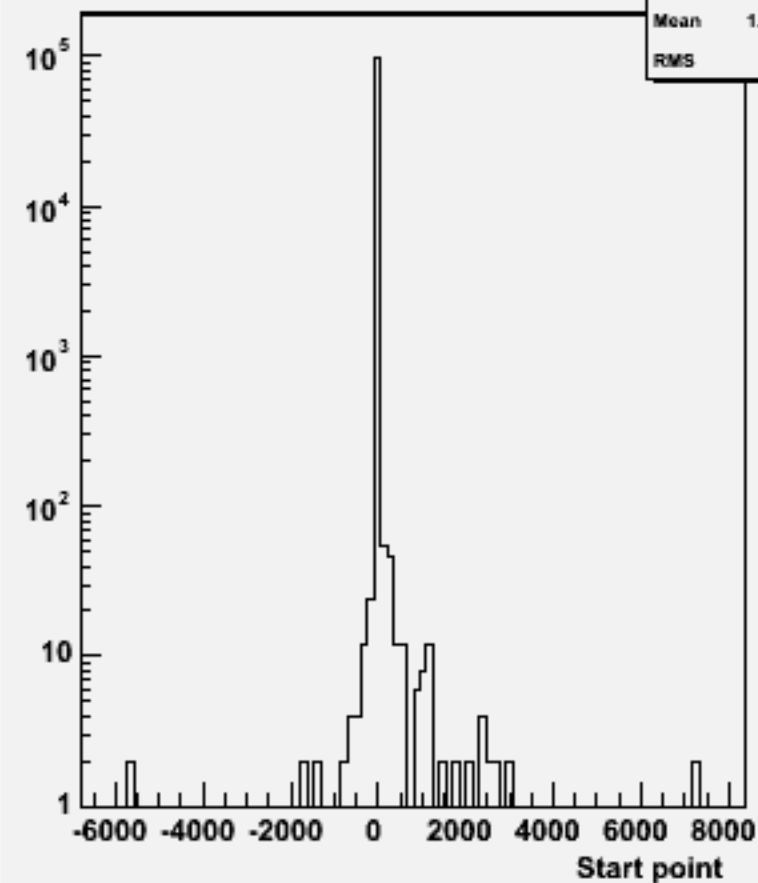
Entries	97871
Mean	3.134
RMS	63.12



Start point Z : w103454 ae1_n1n3e3n1n1_o

h_vz

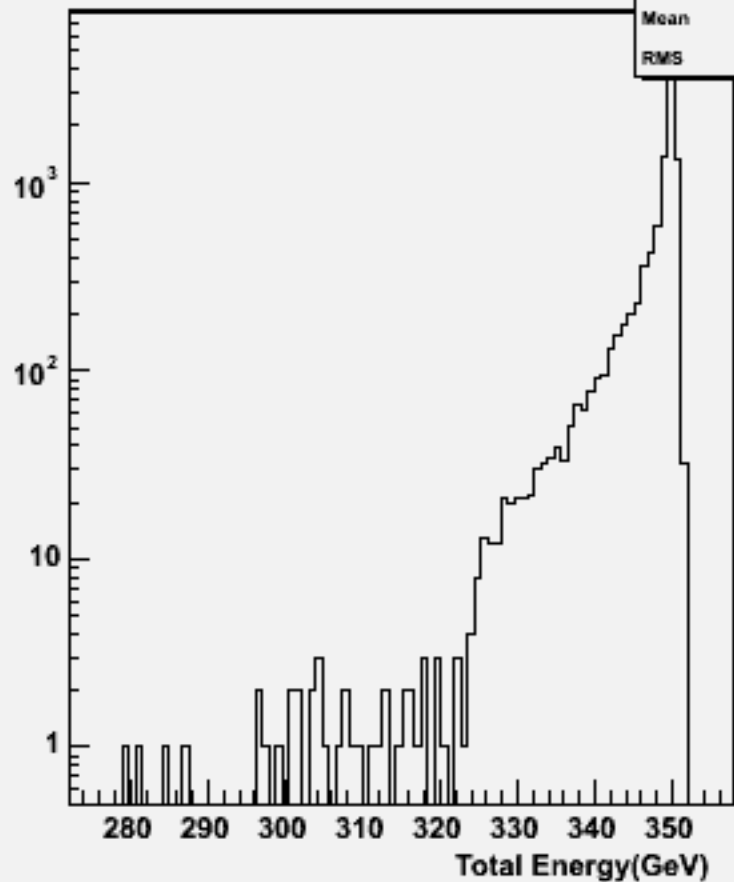
Entries	97871
Mean	1.057
RMS	56.6



Total Energy (inc. ν): w103454 ae1_n1n3e3n1n1_o

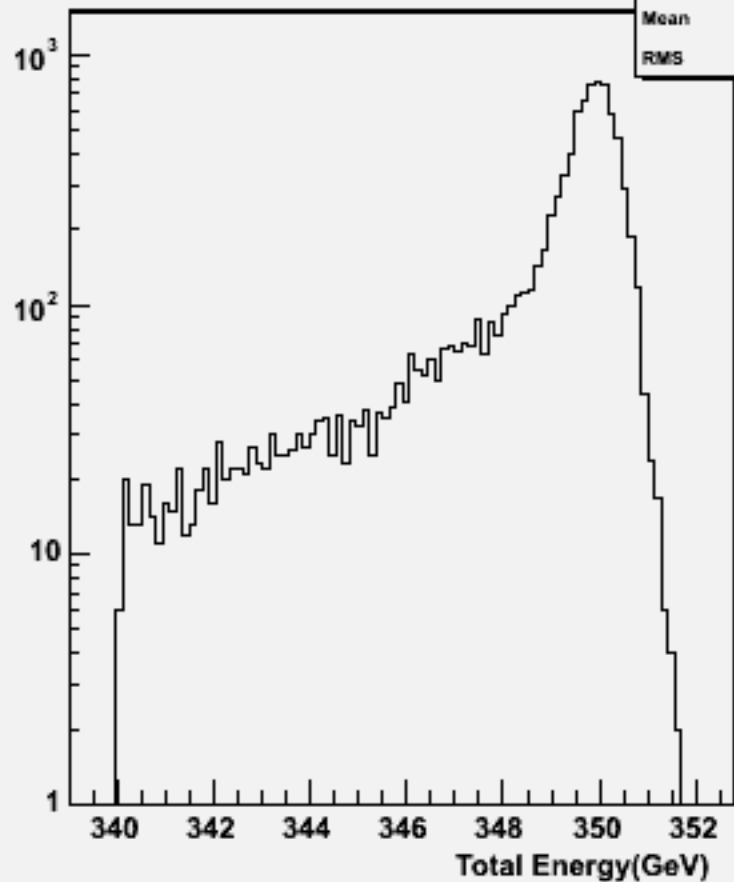
h_etot

Entries	10000
Mean	347.8
RMS	4.884

Total Energy (inc. ν): w103454 ae1_n1n3e3n1n1_o

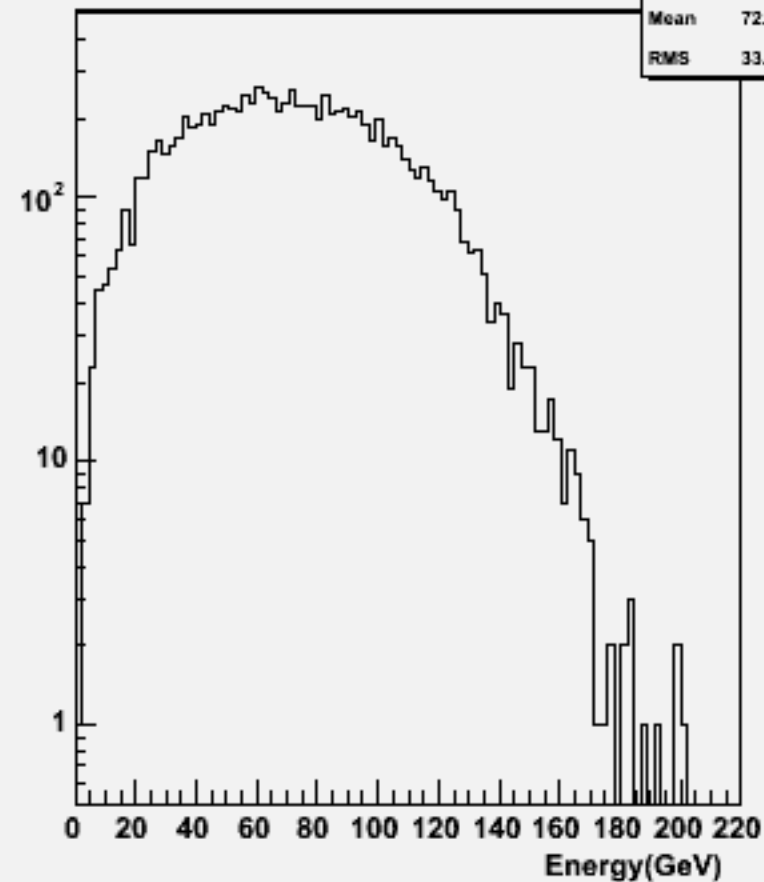
h_etotc

Entries	9371
Mean	348.8
RMS	2.197

Total Energy (w/o ν): w103454 ae1_n1n3e3n1n1_o

h_evis

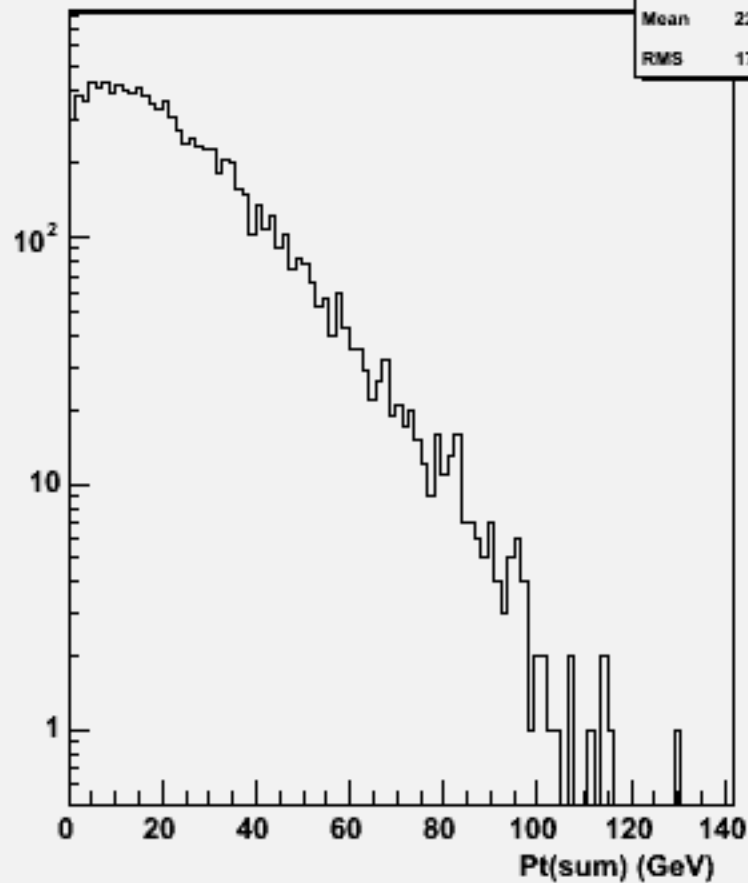
Entries	10000
Mean	72.67
RMS	33.37



Pt Sum: w103454 ae1_n1n3e3n1n1_o

h_pt

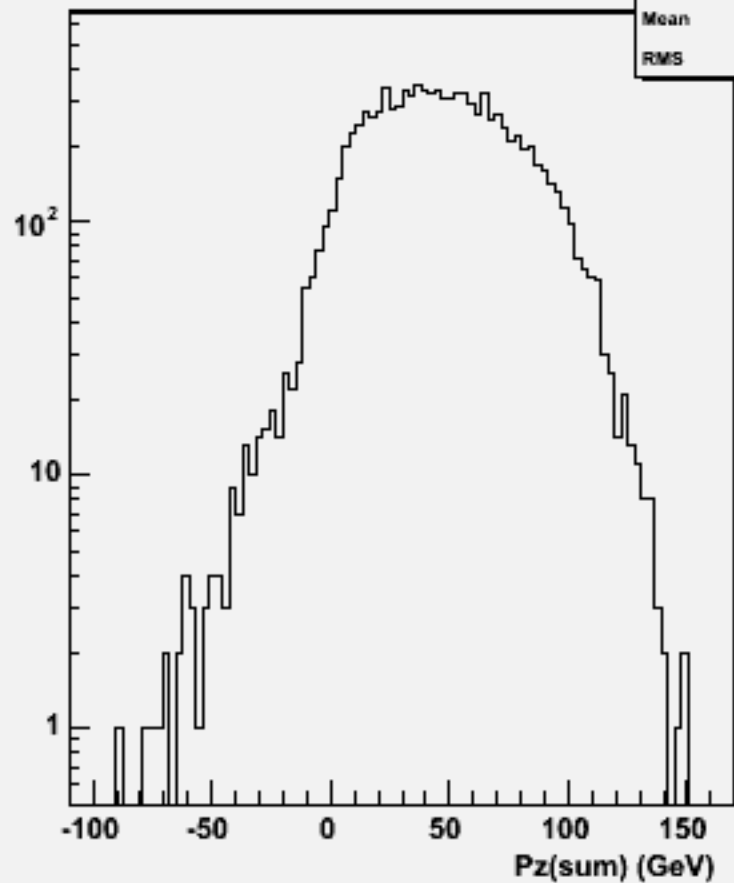
Entries	10000
Mean	22.52
RMS	17.56



Pz Sum: w103454 ae1_n1n3e3n1n1_o

h_pz

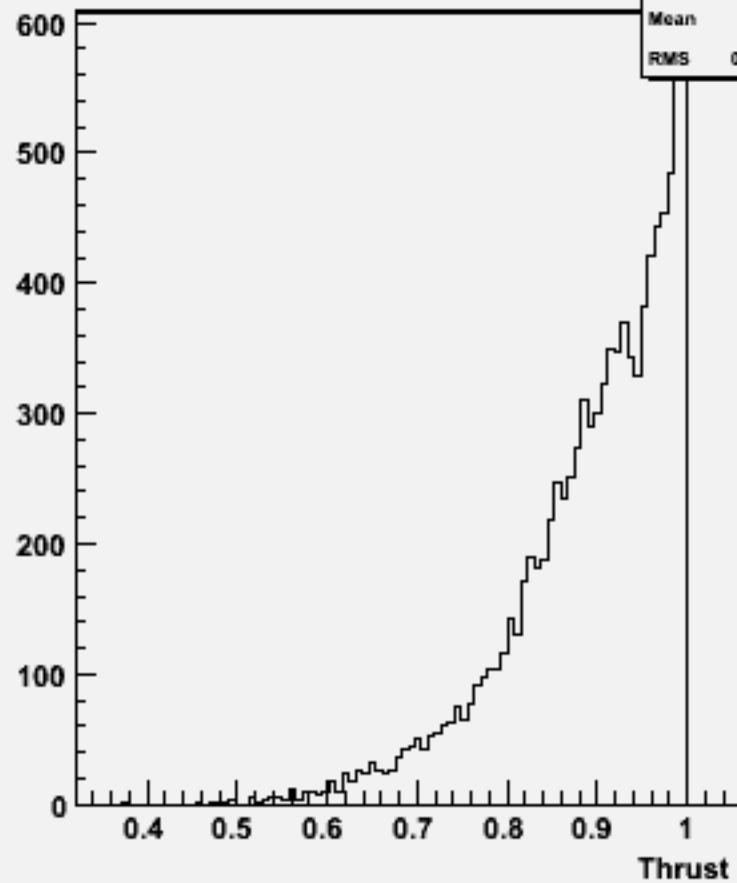
Entries	10000
Mean	47.17
RMS	31.55



Thrust w103454 ae1_n1n3e3n1n1_o

h_thrust

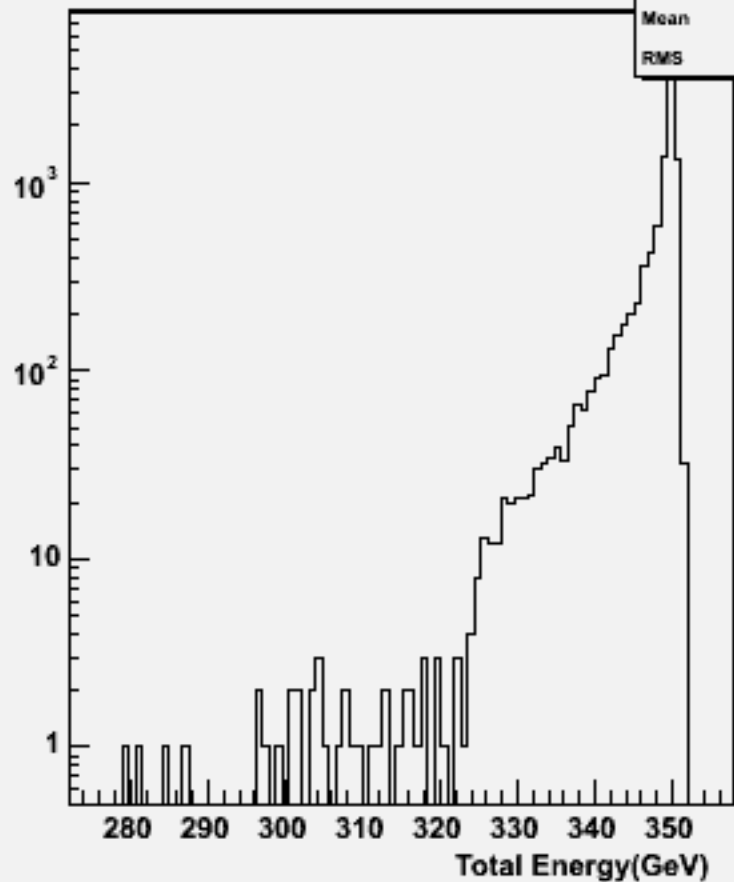
Entries	10000
Mean	0.8922
RMS	0.09063



Total Energy (inc. ν): w103454 ae1_n1n3e3n1n1_o

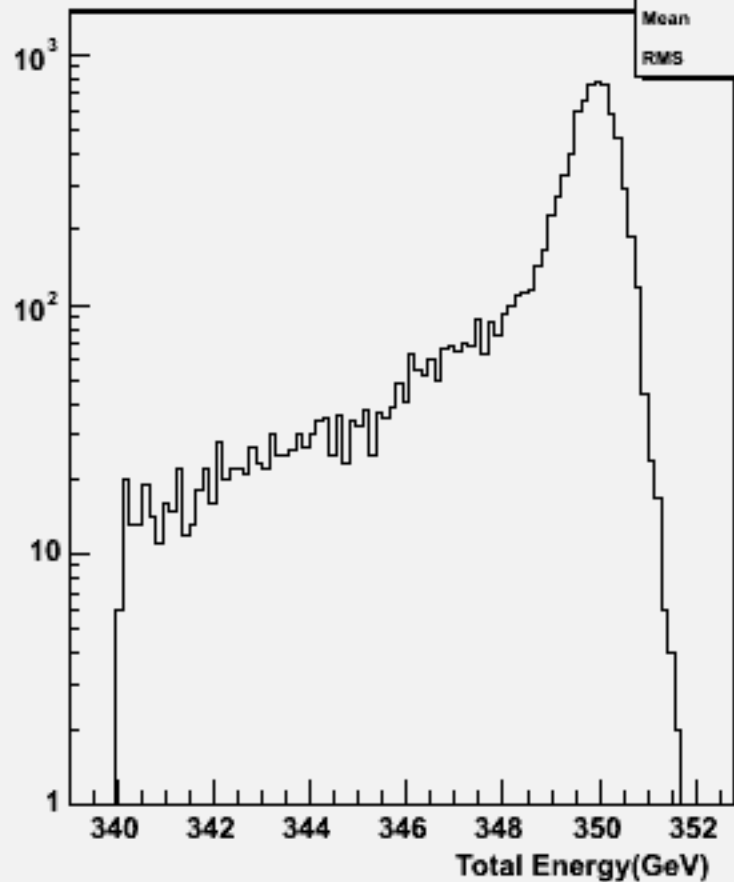
h_etot

Entries	10000
Mean	347.8
RMS	4.884

Total Energy (inc. ν): w103454 ae1_n1n3e3n1n1_o

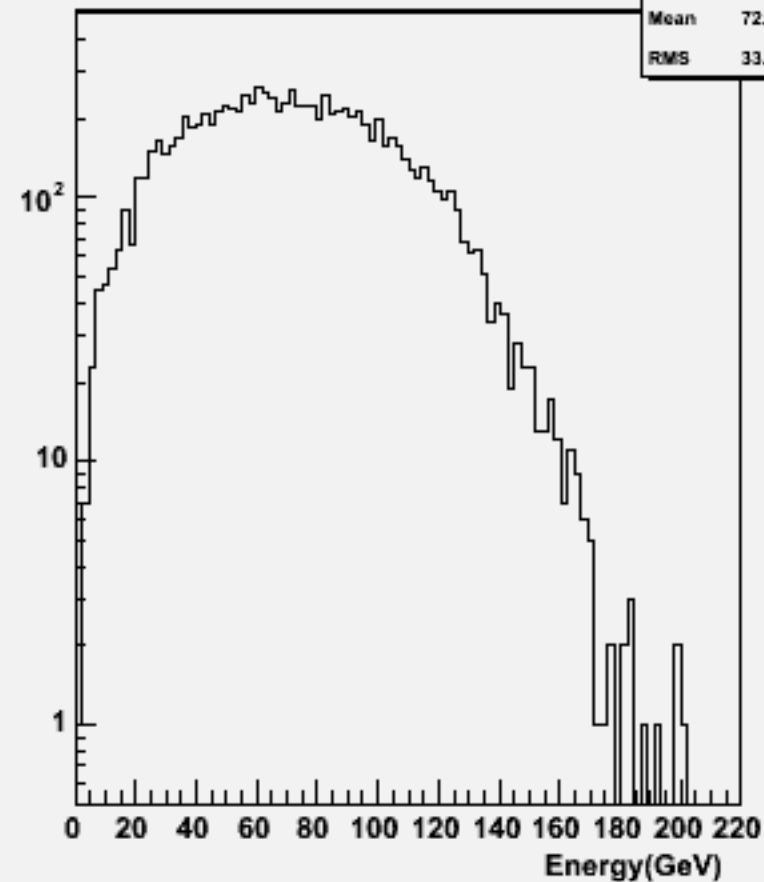
h_etotc

Entries	9371
Mean	348.8
RMS	2.197

Total Energy (w/o ν): w103454 ae1_n1n3e3n1n1_o

h_evis

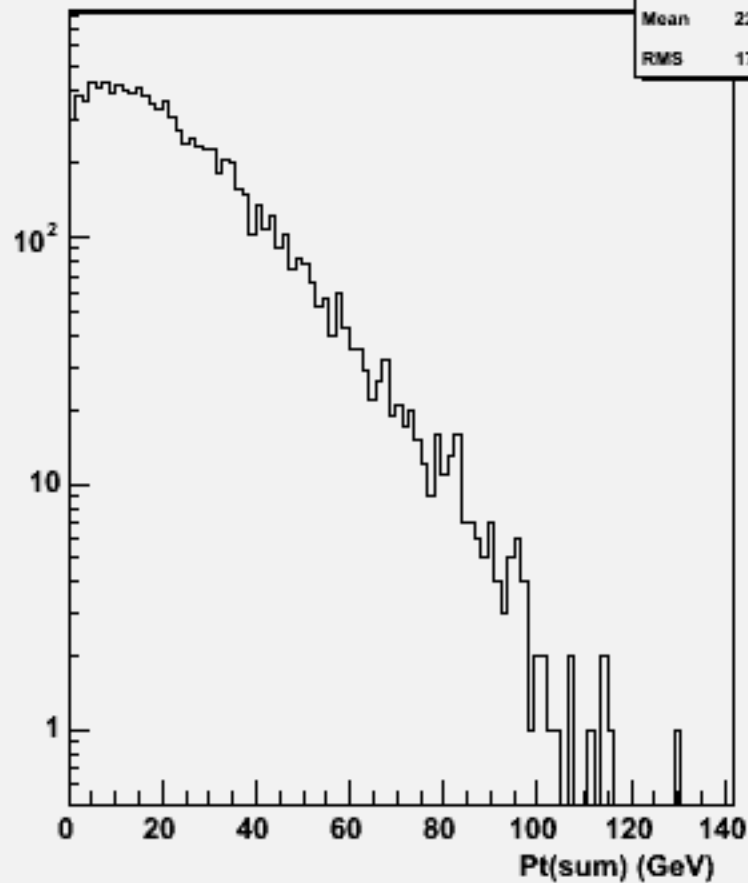
Entries	10000
Mean	72.67
RMS	33.37



Pt Sum: w103454 ae1_n1n3e3n1n1_o

h_pt

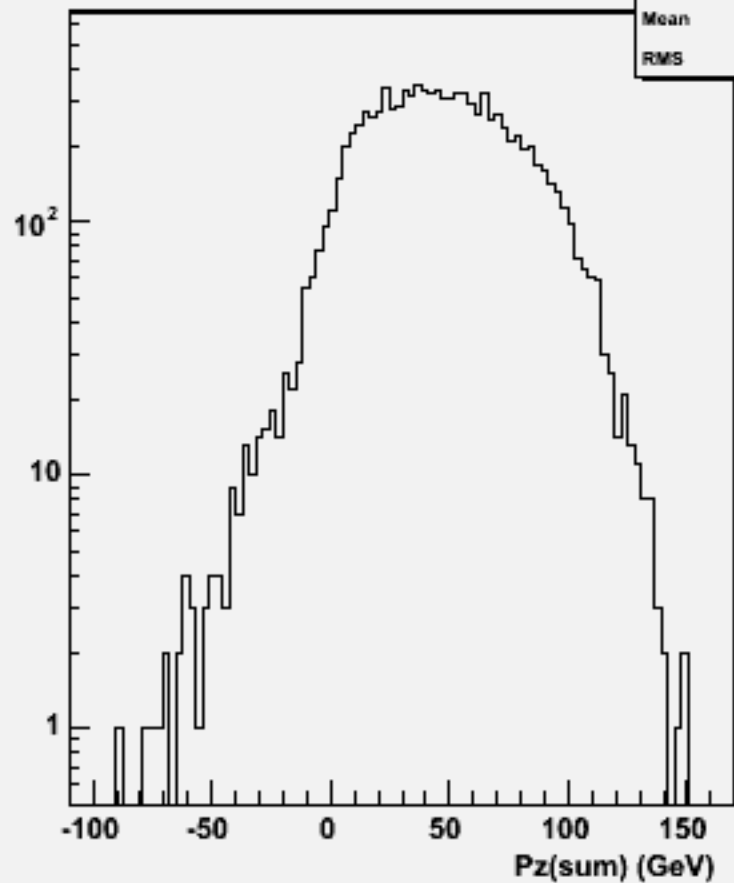
Entries	10000
Mean	22.52
RMS	17.56



Pz Sum: w103454 ae1_n1n3e3n1n1_o

h_pz

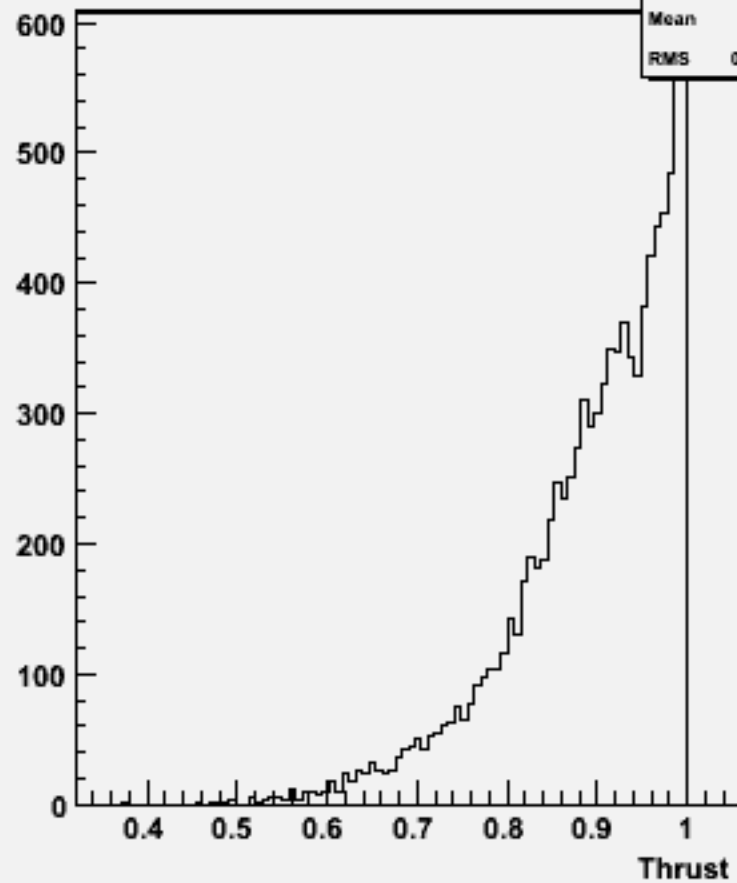
Entries	10000
Mean	47.17
RMS	31.55

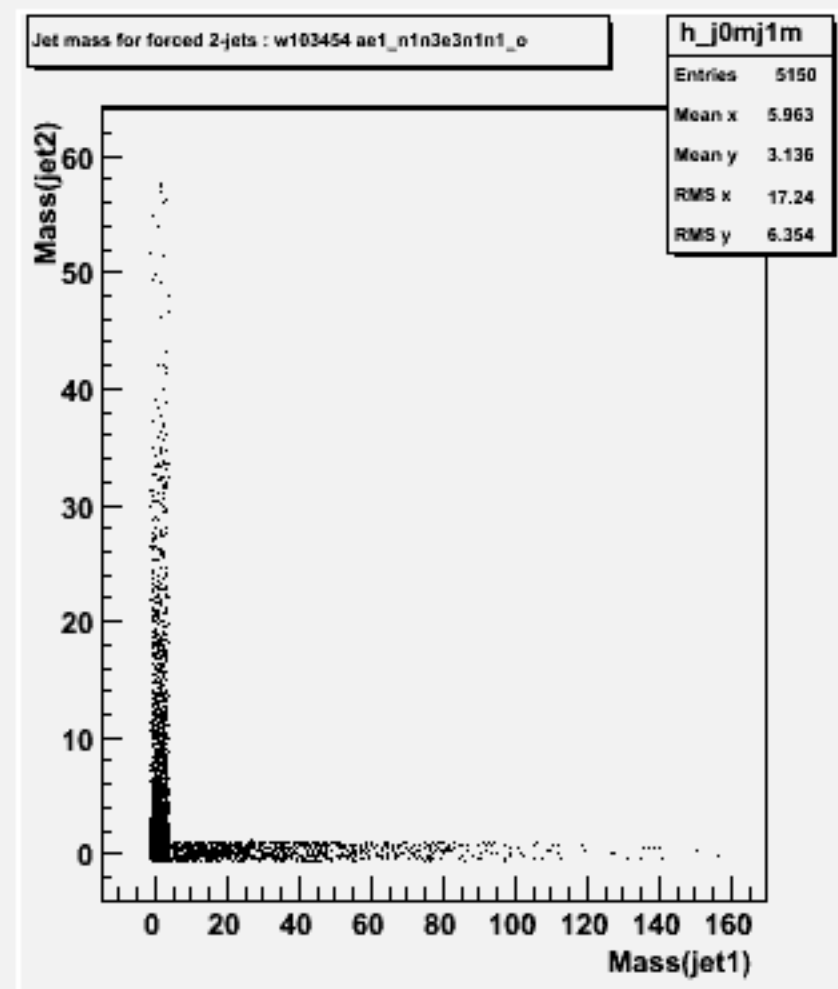
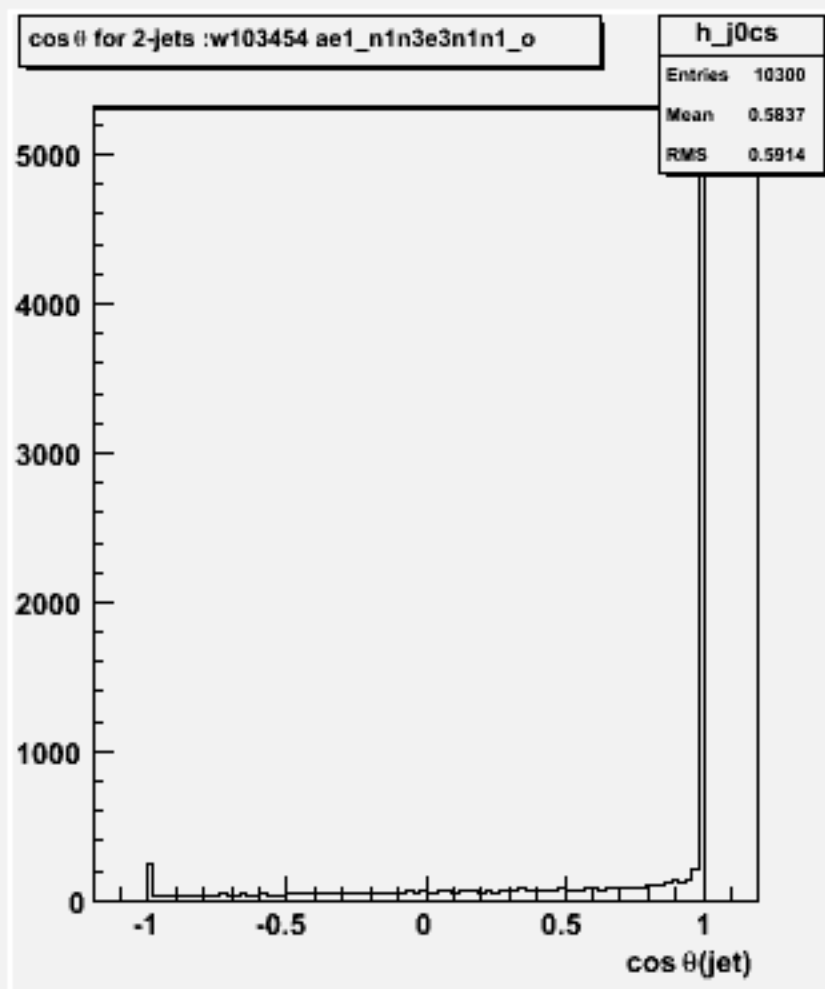
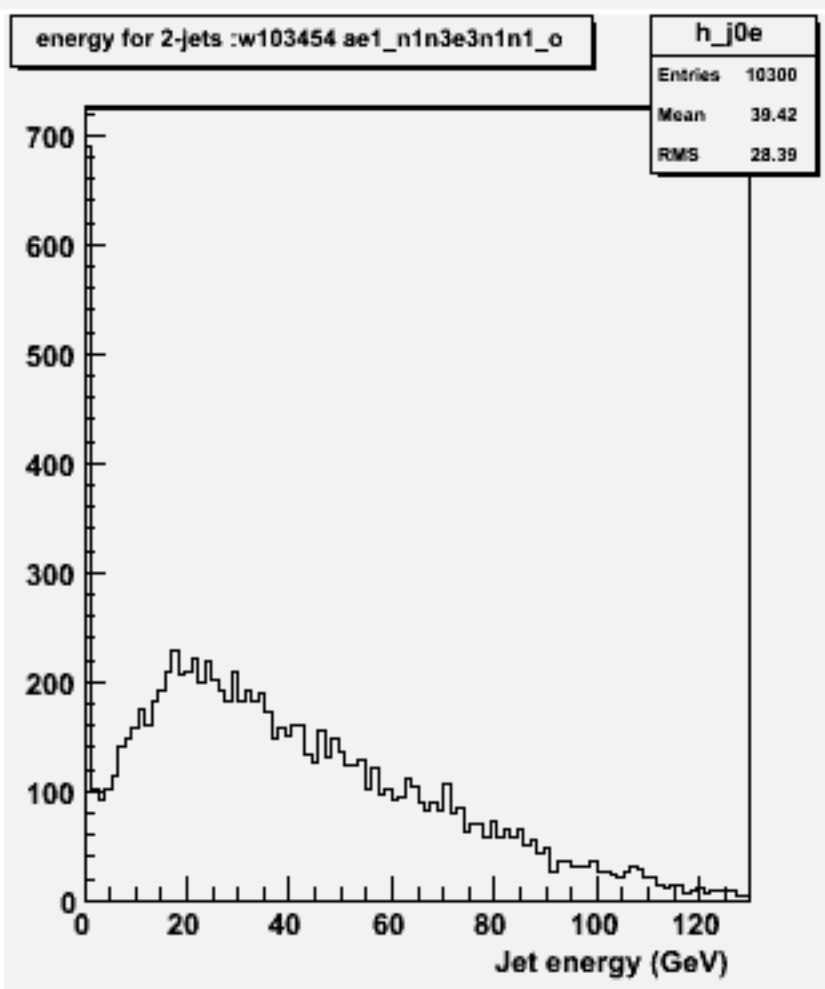
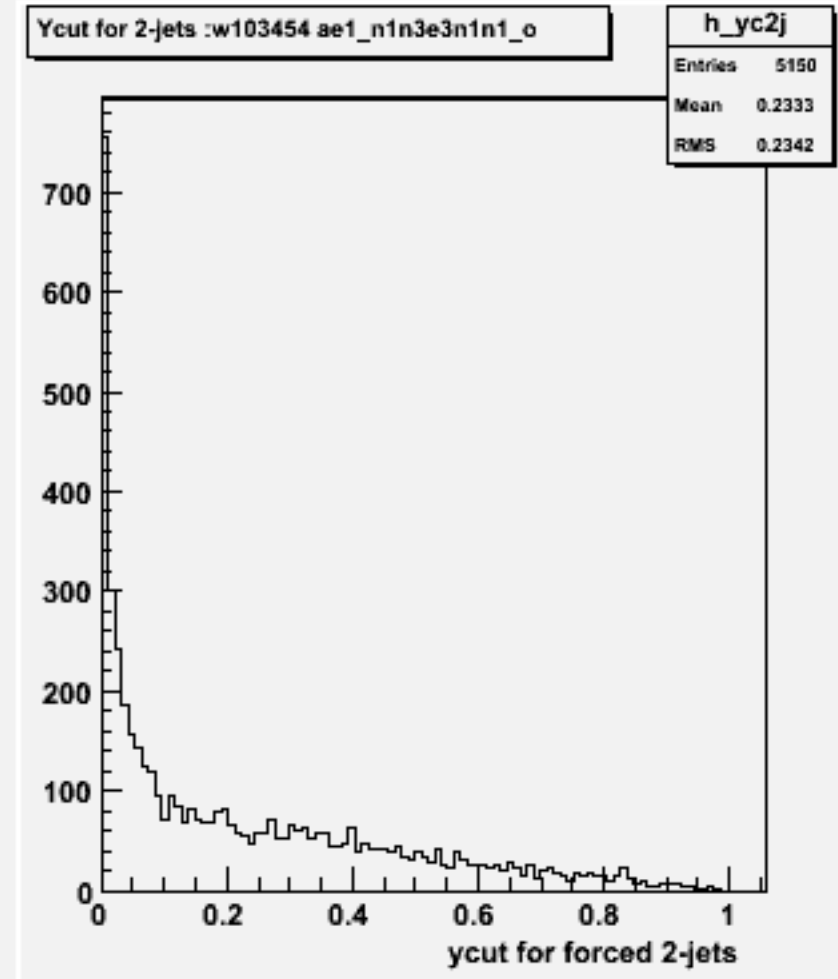
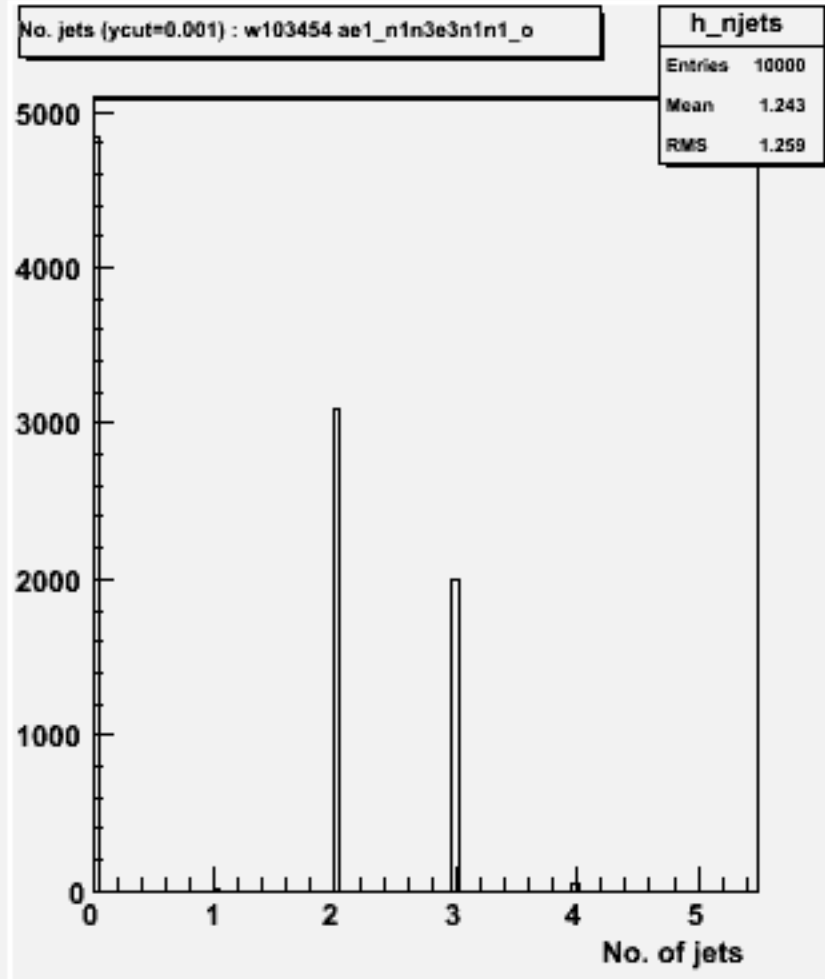
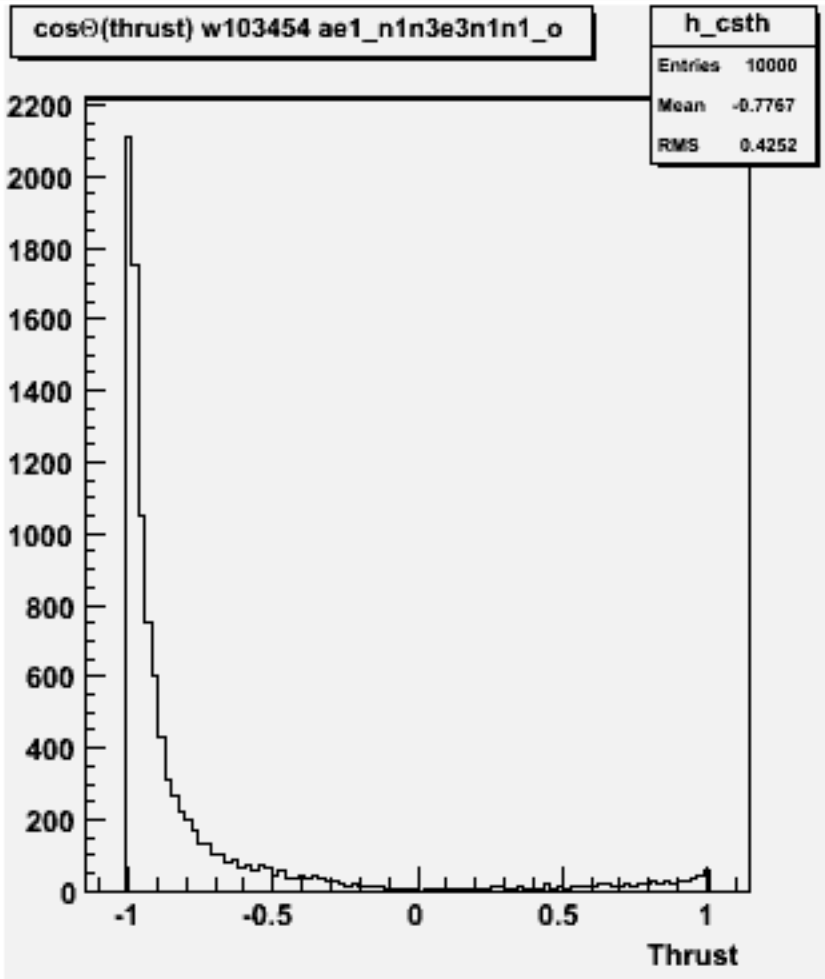


Thrust w103454 ae1_n1n3e3n1n1_o

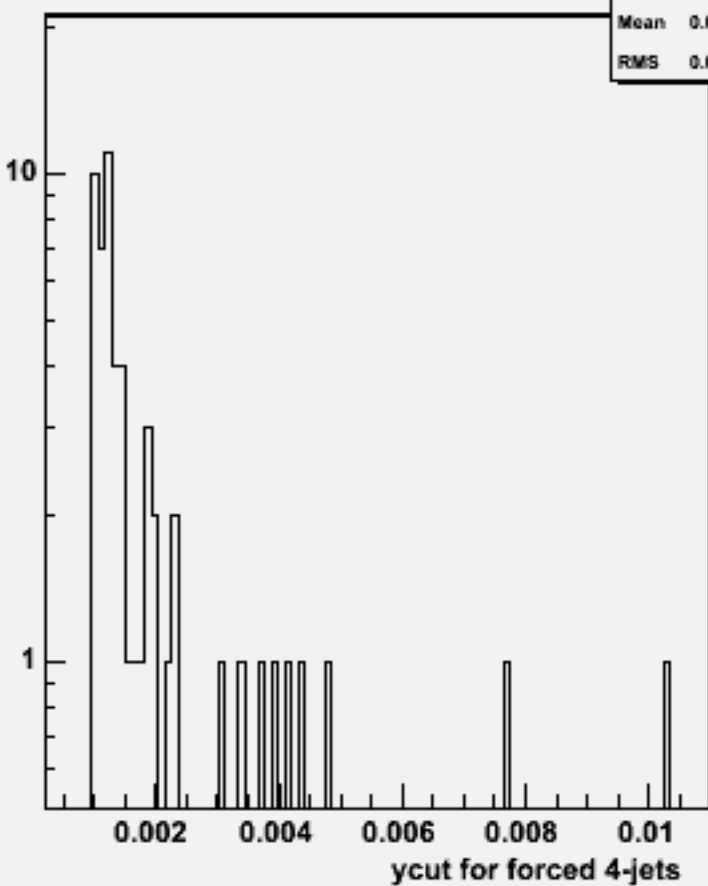
h_thrust

Entries	10000
Mean	0.8922
RMS	0.09063





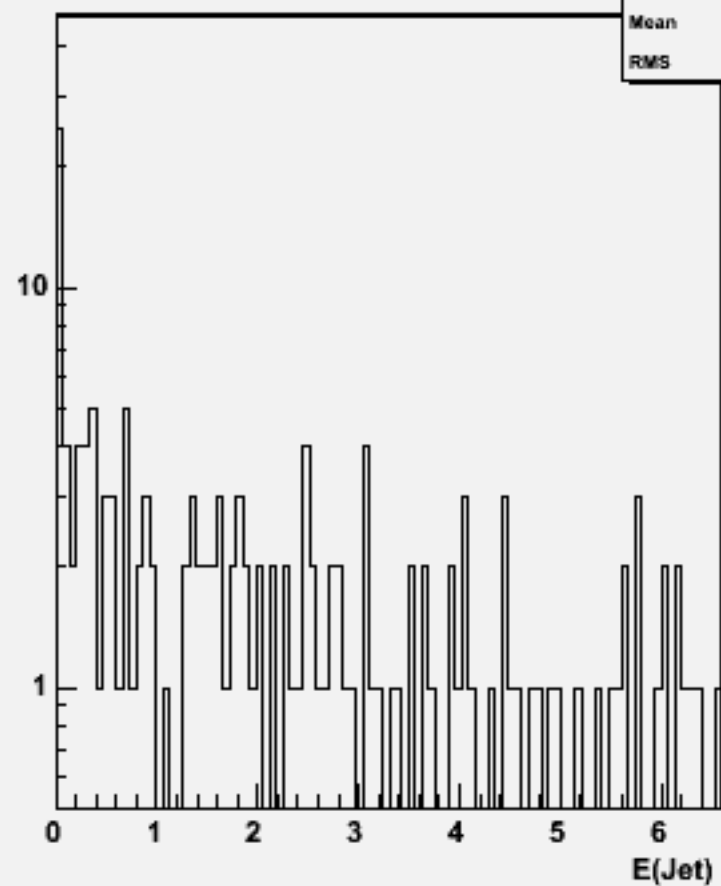
Ycut for 4-jets :w103454 ae1_n1n3e3n1n1_o



h_yc4j

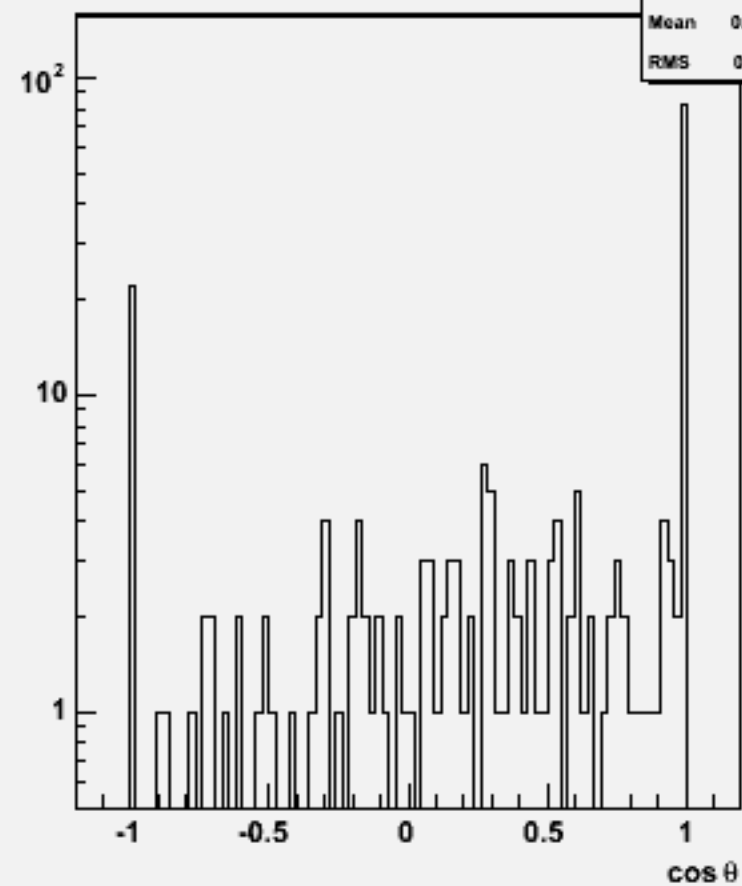
Entries	56
Mean	0.001949
RMS	0.001657

Jet energies(All jets)w103454 ae1_n1n3e3n1n1_o



ha_j0e

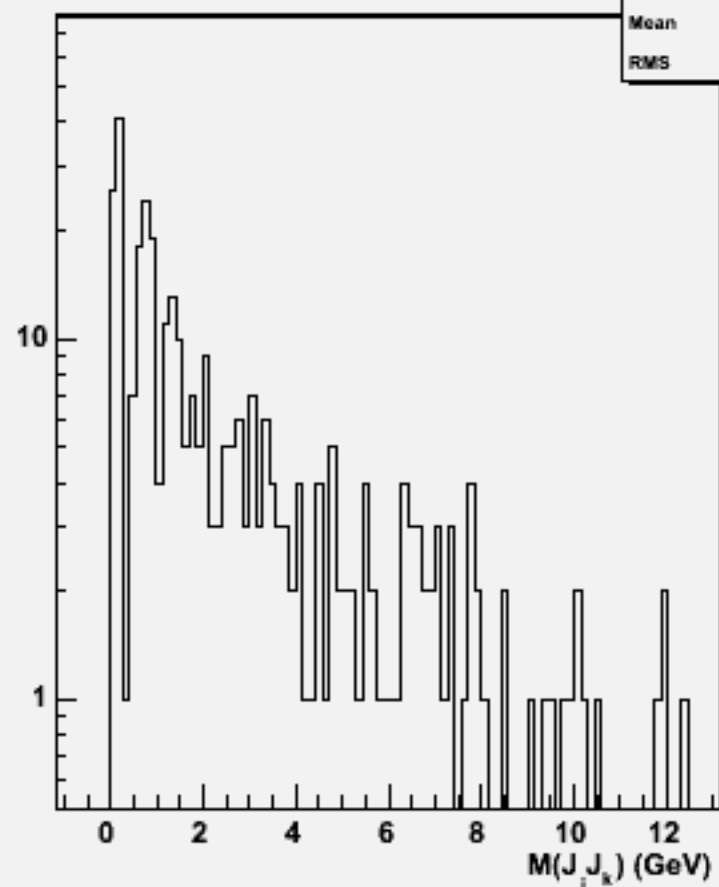
Entries	224
Mean	2.112
RMS	1.943

Jet cos θ (All jets)w103454 ae1_n1n3e3n1n1_o

ha_j0cs

Entries	224
Mean	0.3816
RMS	0.6831

2jets mass(All comb)w103454 ae1_n1n3e3n1n1_o



ha_m01

Entries	336
Mean	2.528
RMS	2.734