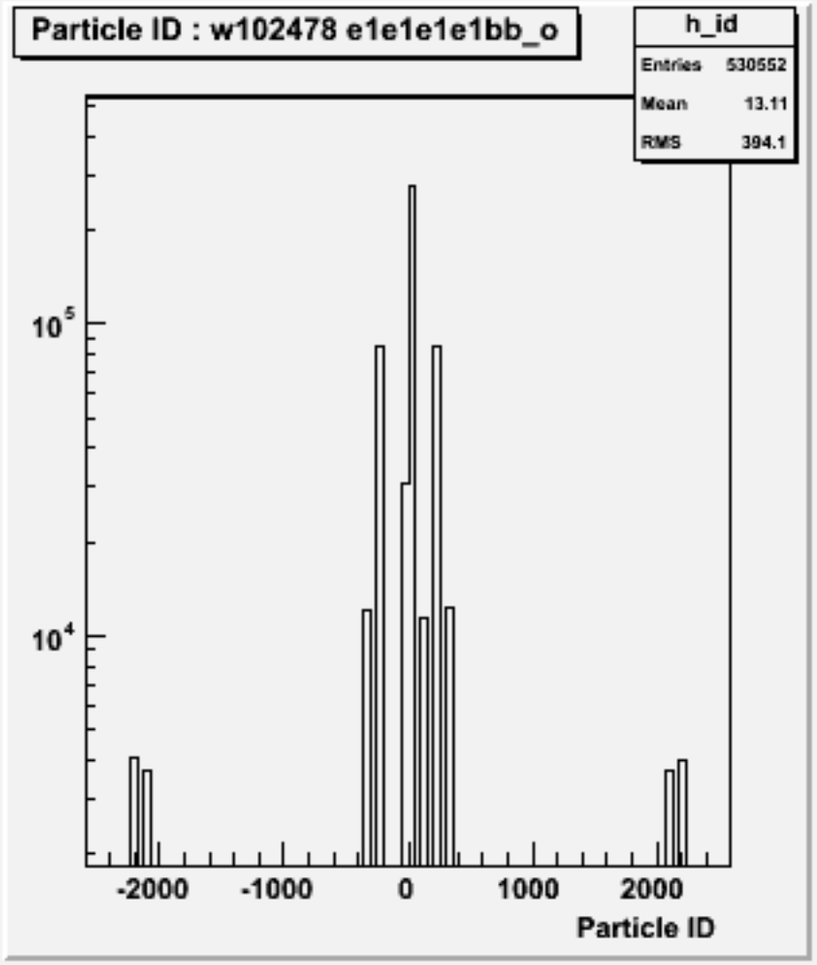
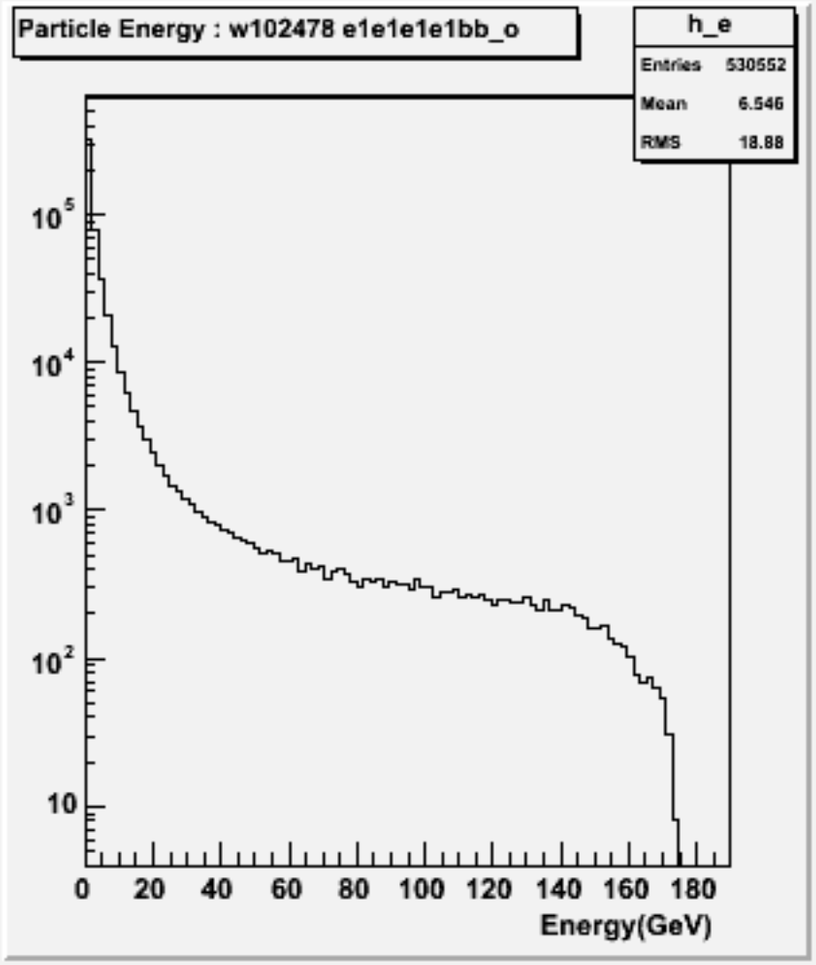
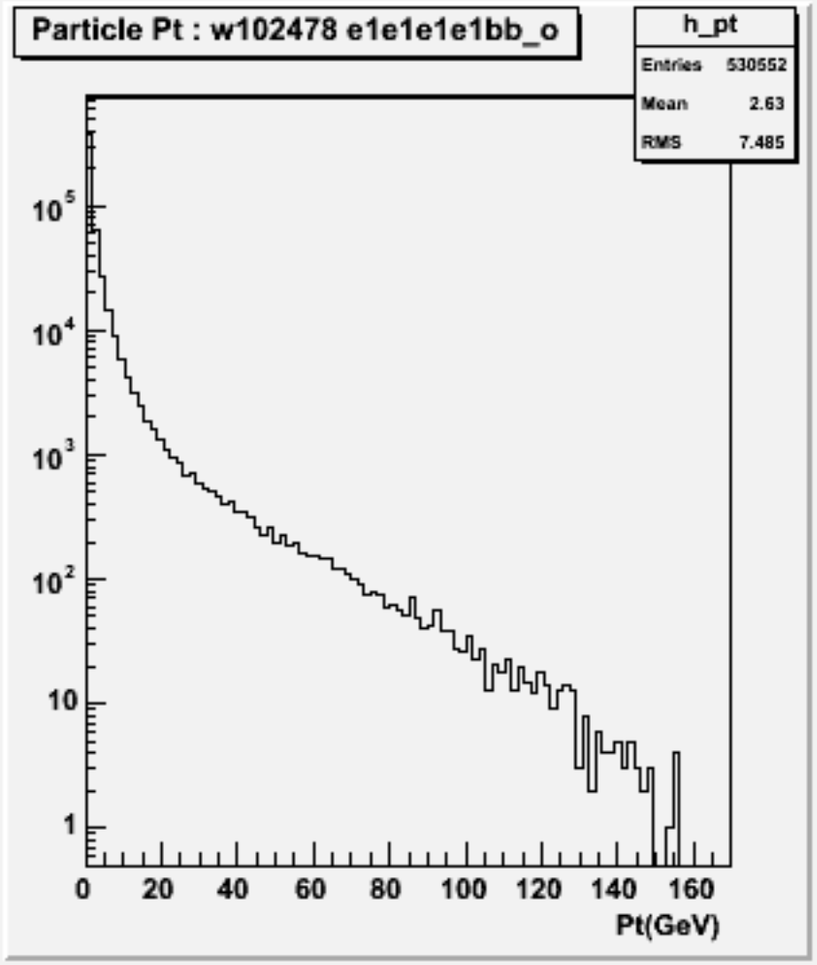
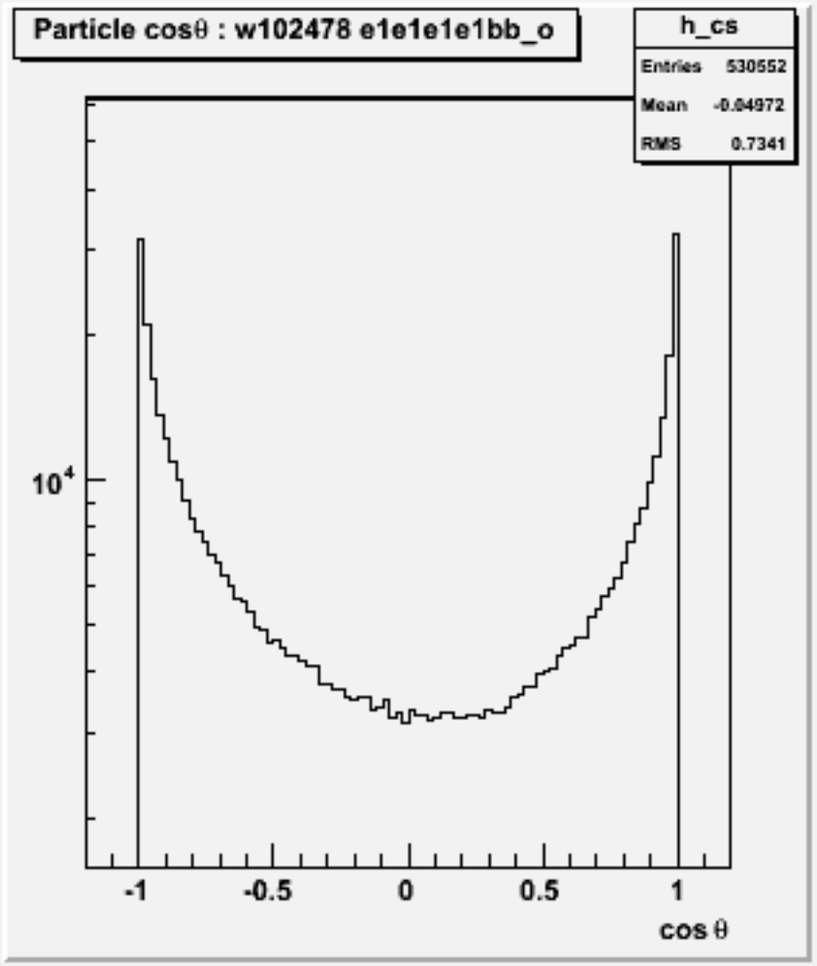
Generator file information: w102478 e1e1e1e1bb_o

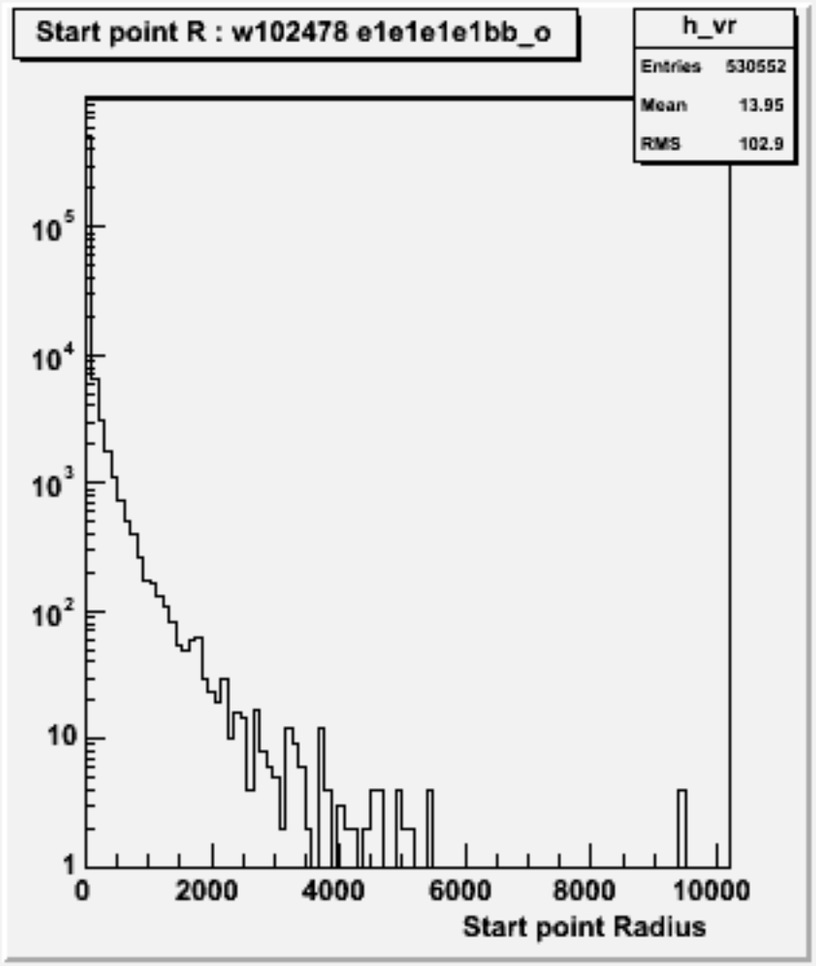
process_id=w102478
job_date_time=100626-101935
process_name=e1e1e1e1bb_o
CM_energy_in_GeV=350
program_name_version=whizard-1.40
beam_particle1=e1
beam_particle2=E1
polarization1=+1.0
polarization2=+1.0
luminosity=1000
cross_section_in_fb=0.0049466172484385 7
lumi_file=/tmp/lumi_linker_directory/lumi_linker_008
file_type=stdhep
total_number_of_events=10000
number_of_files=1
file_names=w102478_01.stdhep
number_of_events_in_files=10000
fileurl=lfn:/grid/ilc/users/miyamoto/CDS/generated/0350
logurl=http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w102478/run_01
comment=

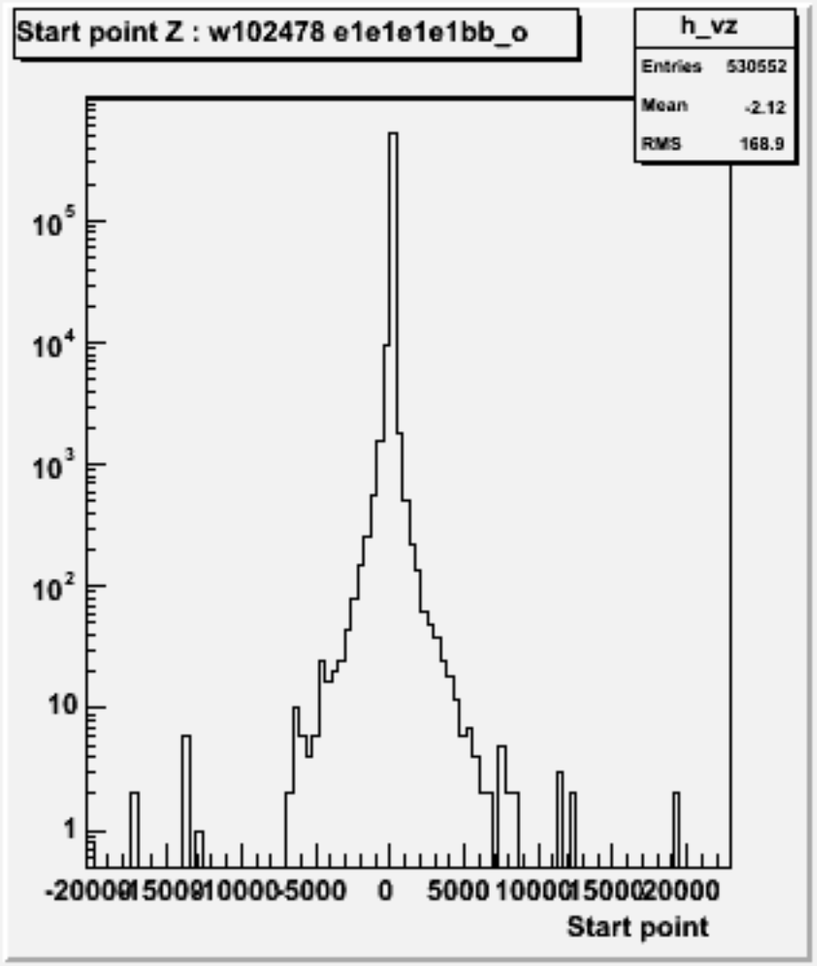

Particle ID : w102478 e1e1e1e1bb_o
h_id
Entries 530552
Mean 13.11
RMS 394.1
10^5
10^4
-2000
-1000
0
1000
2000
Particle ID

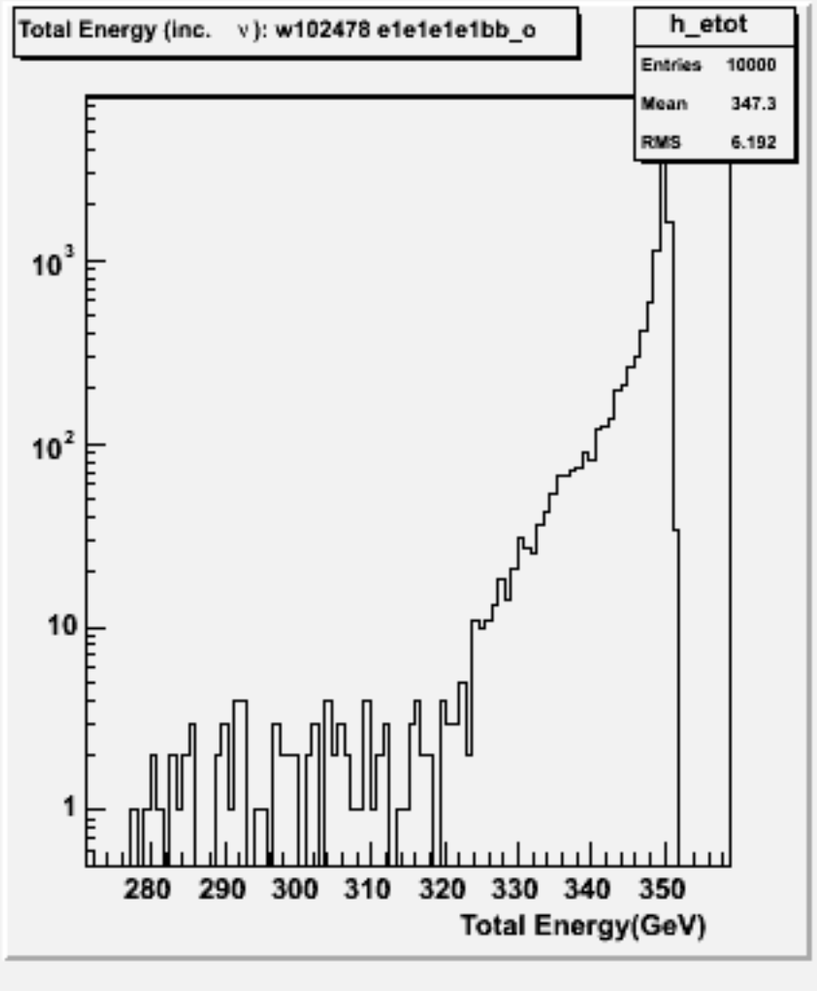

Particle Energy : w102478 e1e1e1e1bb_o
h_e
Entries 530552
Mean 6.546
RMS 18.88
10^5
10^4
10^3
10^2
10
0
20
40
60
80
100
120
140
160
180
Energy(GeV)

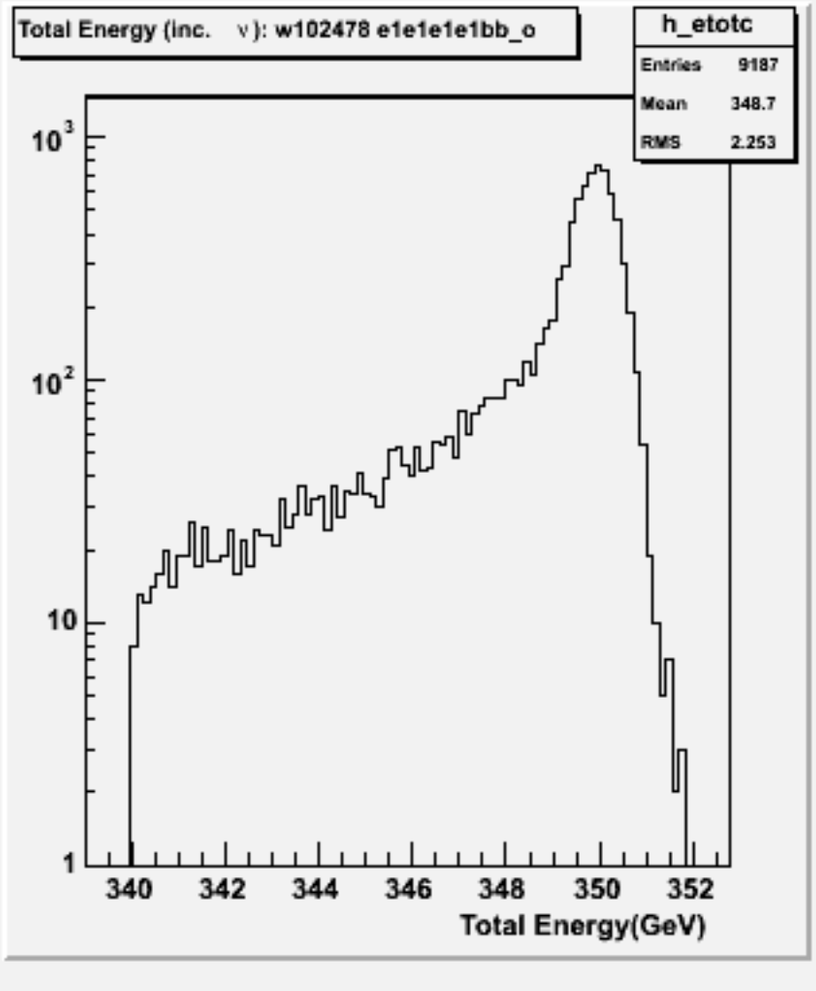

Particle Pt : w102478 e1e1e1e1bb_o
h_pt
Entries 530552
Mean 2.63
RMS 7.485
10^5
10^4
10^3
10^2
10
1
0
20
40
60
80
100
120
140
160
Pt(GeV)

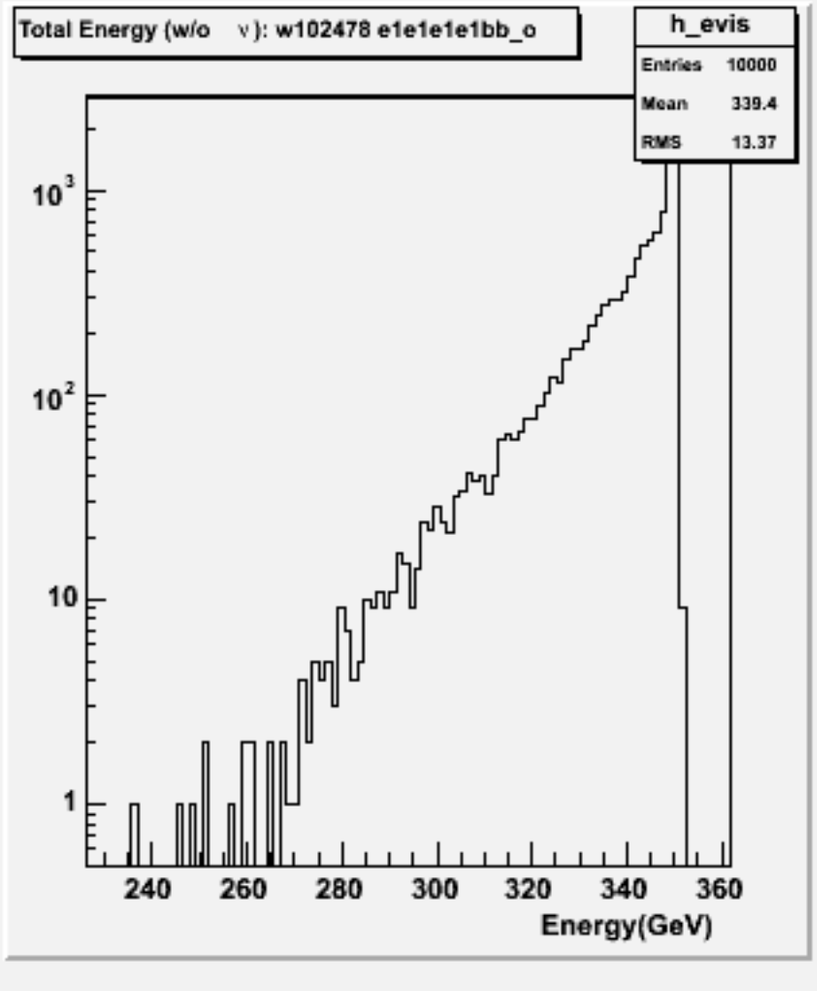

Particle cosθ : w102478 e1e1e1e1bb_o
h_cs
Entries 530552
Mean -0.04972
RMS 0.7341
10^4
-1
-0.5
0
0.5
1
cos θ

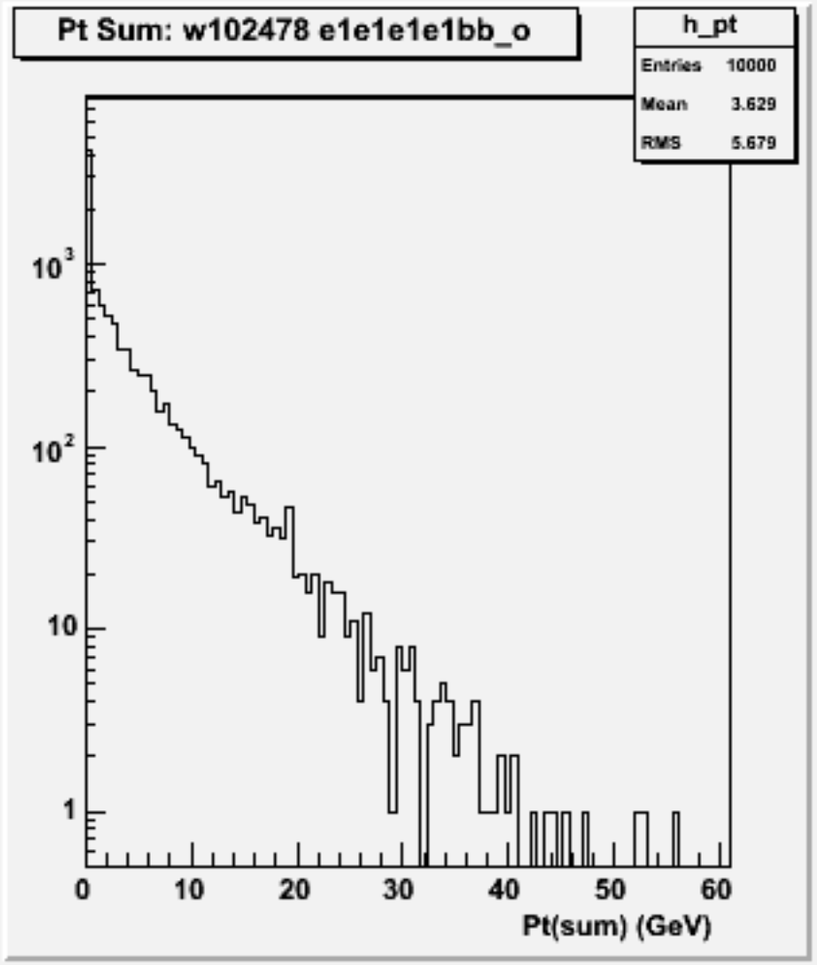

Start point R : w102478 e1e1e1e1bb_o
h_vr
Entries 530552
Mean 13.95
RMS 102.9
10^5
10^4
10^3
10^2
10
1
0
2000
4000
6000
8000
10000
Start point Radius

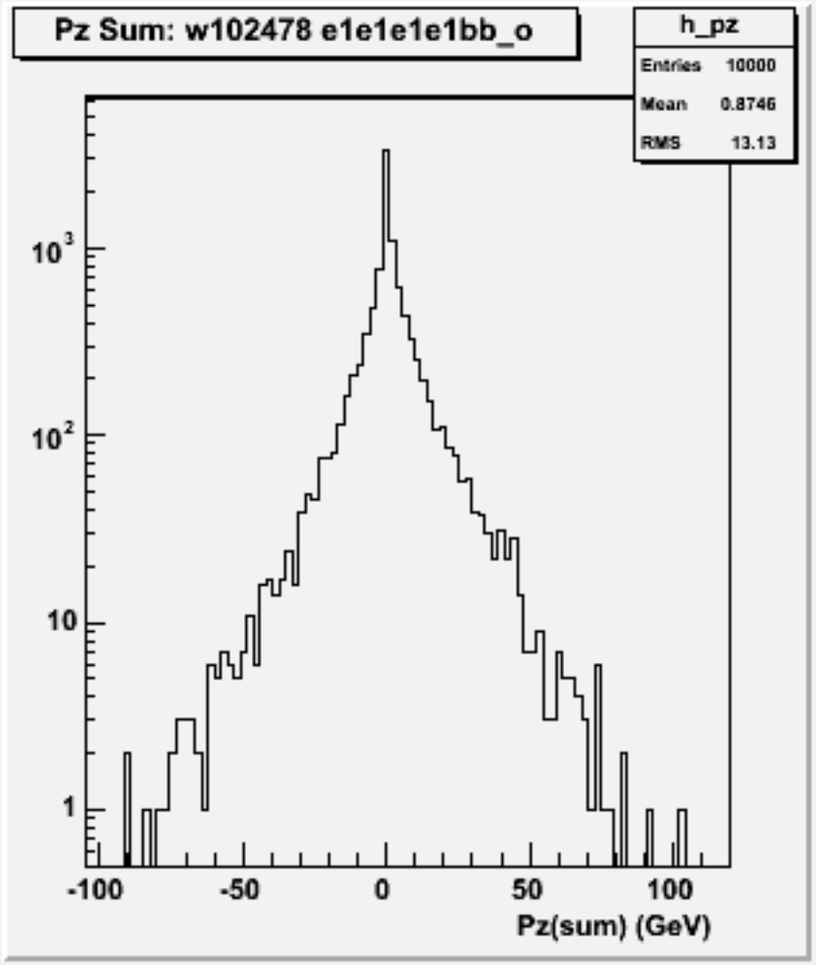

Start point Z : w102478 e1e1e1e1bb_o
h_vz
Entries 530552
Mean -2.12
RMS 168.9
10^5
10^4
10^3
10^2
10
1
-20000
-15000
-10000
-5000
0
5000
10000
15000
20000
Start point

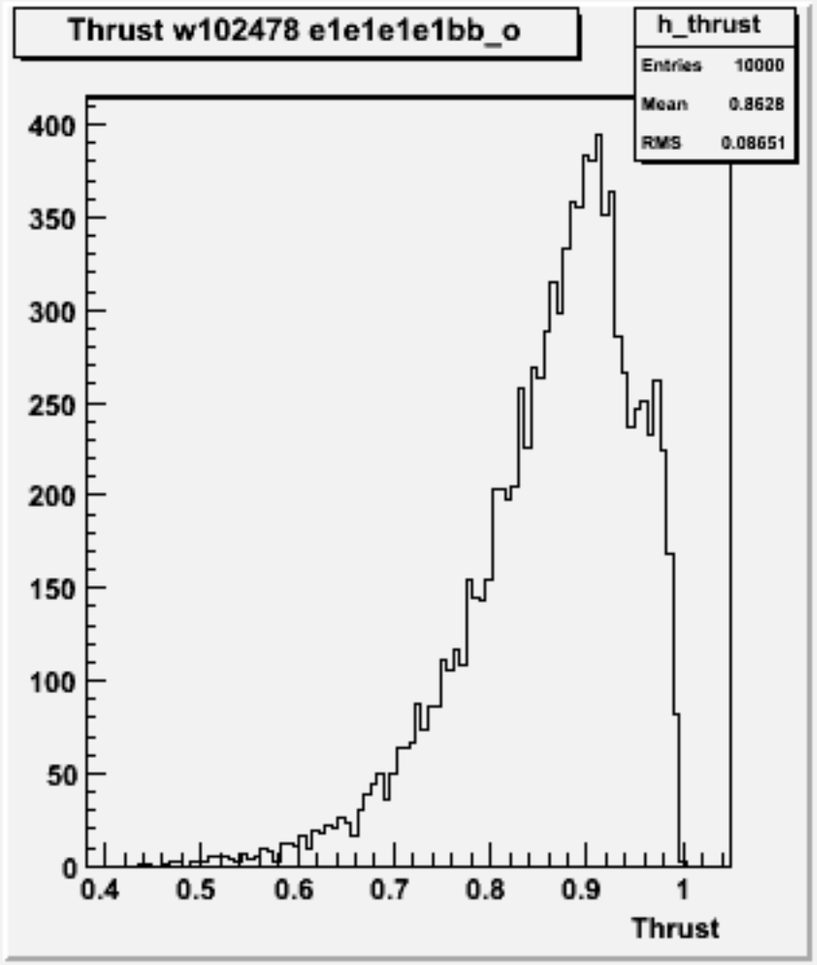

Total Energy (inc. ν): w102478 e1e1e1e1bb_o
h_etot
Entries 10000
Mean 347.3
RMS 6.192
Total Energy(GeV)

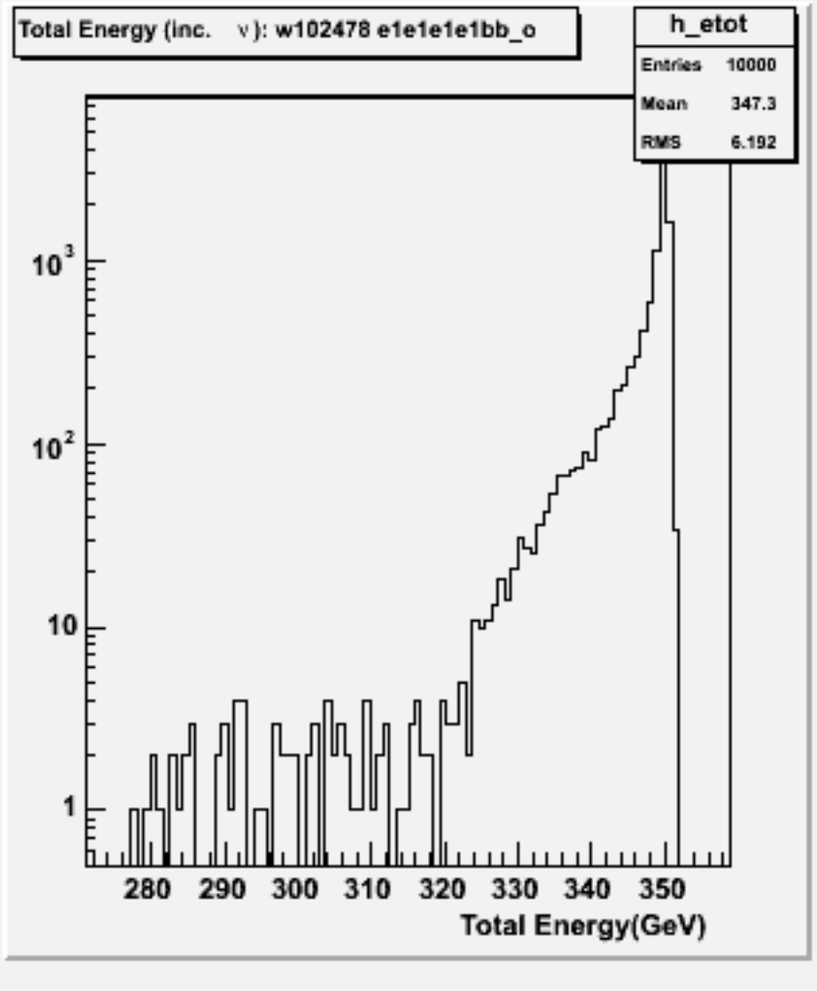

Total Energy (inc. ν): w102478 e1e1e1e1bb_o
h_etotc
Entries 9187
Mean 348.7
RMS 2.253
Total Energy(GeV)

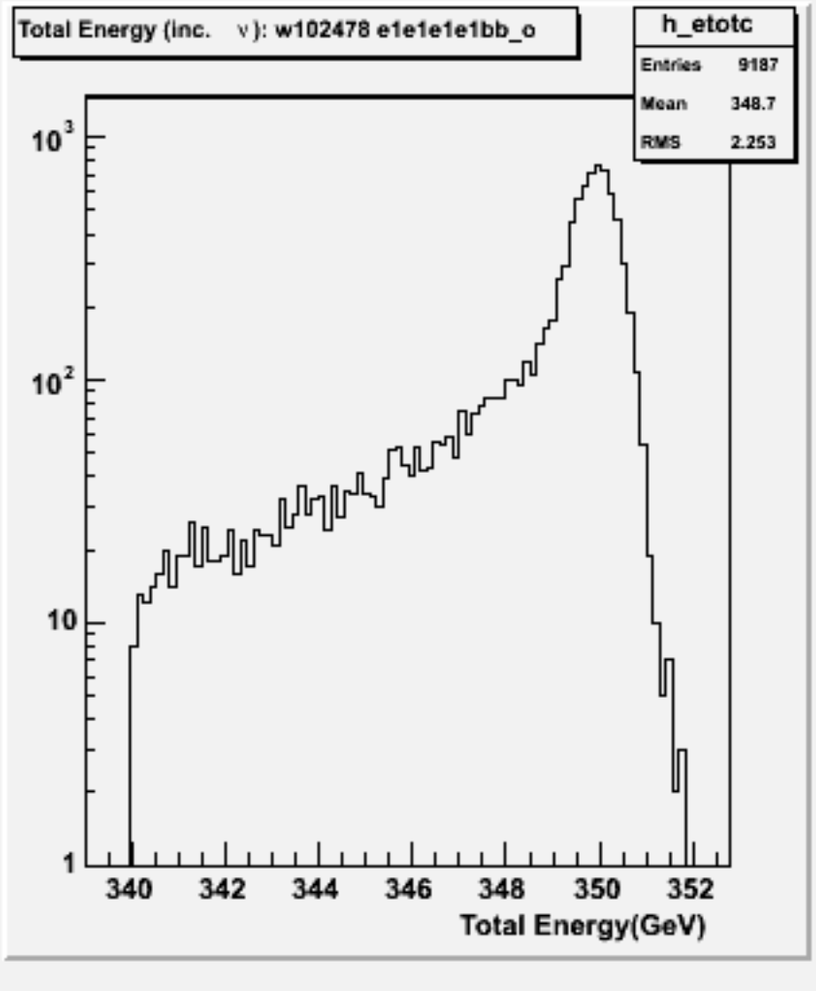

Total Energy (w/o ν): w102478 e1e1e1e1bb_o
h_evis
Entries 10000
Mean 339.4
RMS 13.37
Energy(GeV)

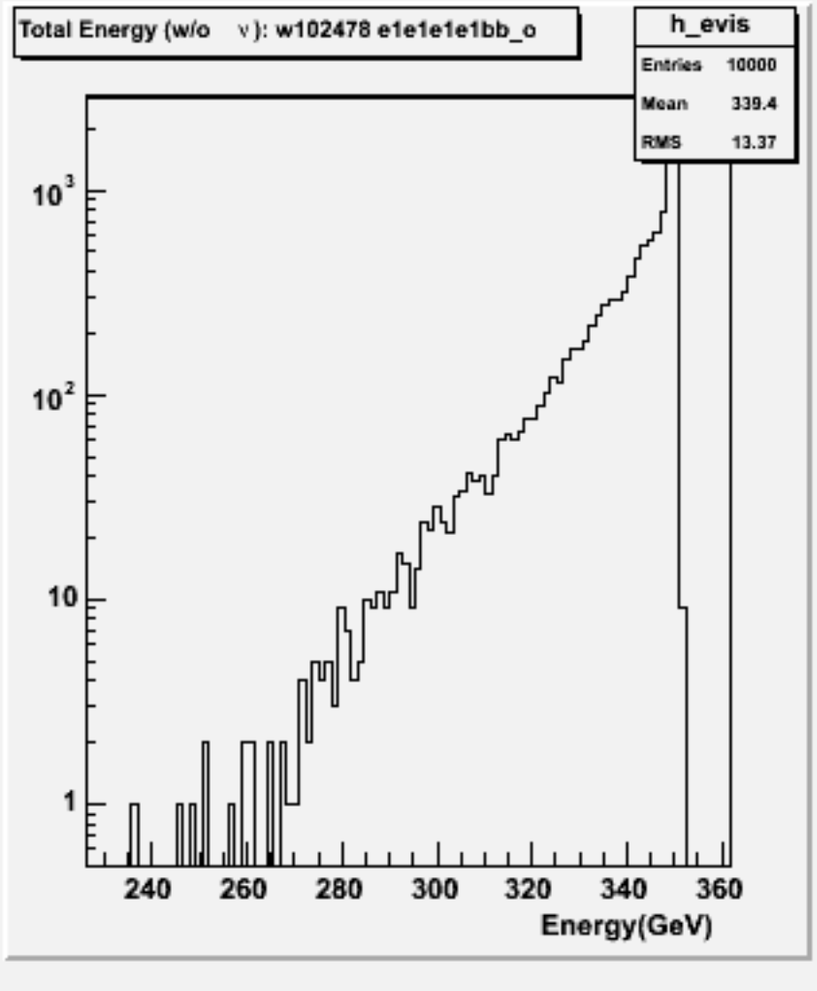

Pt Sum: w102478 e1e1e1e1bb_o
h_pt
Entries 10000
Mean 3.629
RMS 5.679
Pt(sum) (GeV)

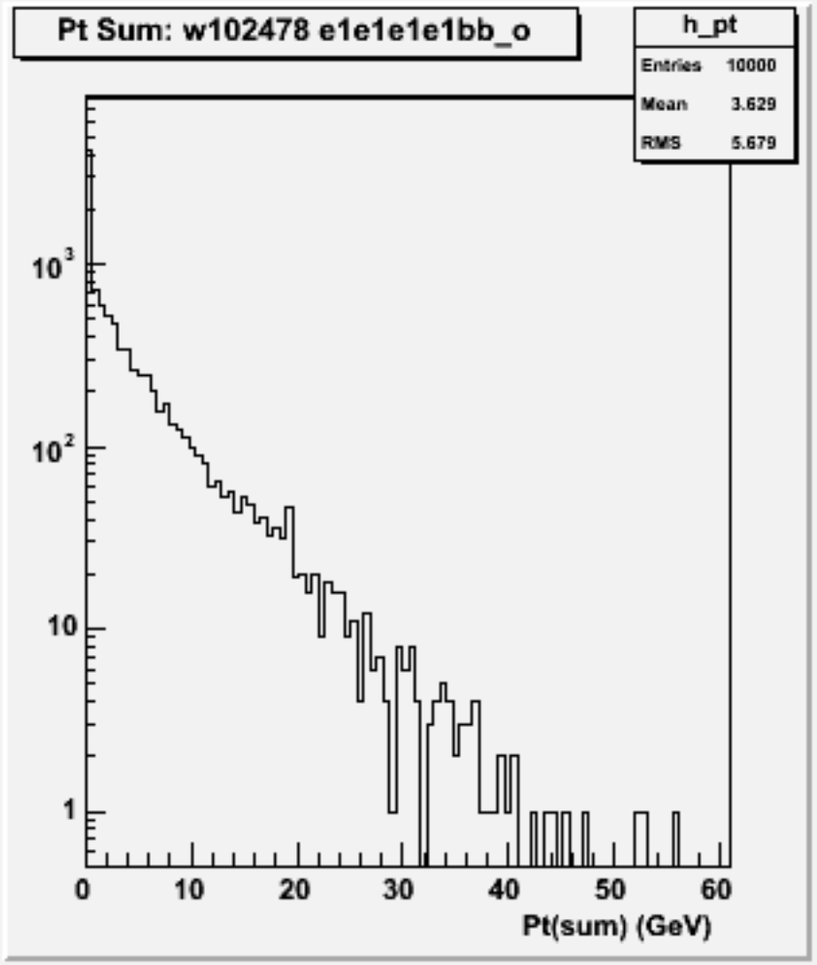

Pz Sum: w102478 e1e1e1e1bb_o
h_pz
Entries 10000
Mean 0.8746
RMS 13.13
Pz(sum) (GeV)

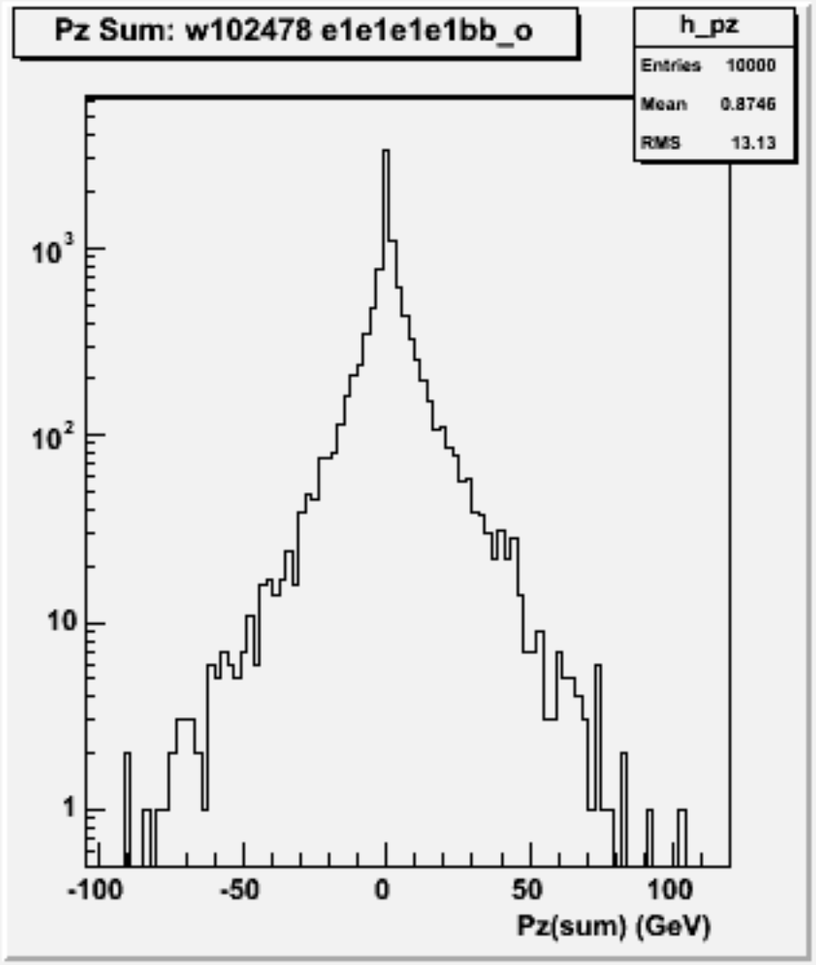

Thrust w102478 e1e1e1e1bb_o
h_thrust
Entries 10000
Mean 0.8628
RMS 0.08651
Thrust

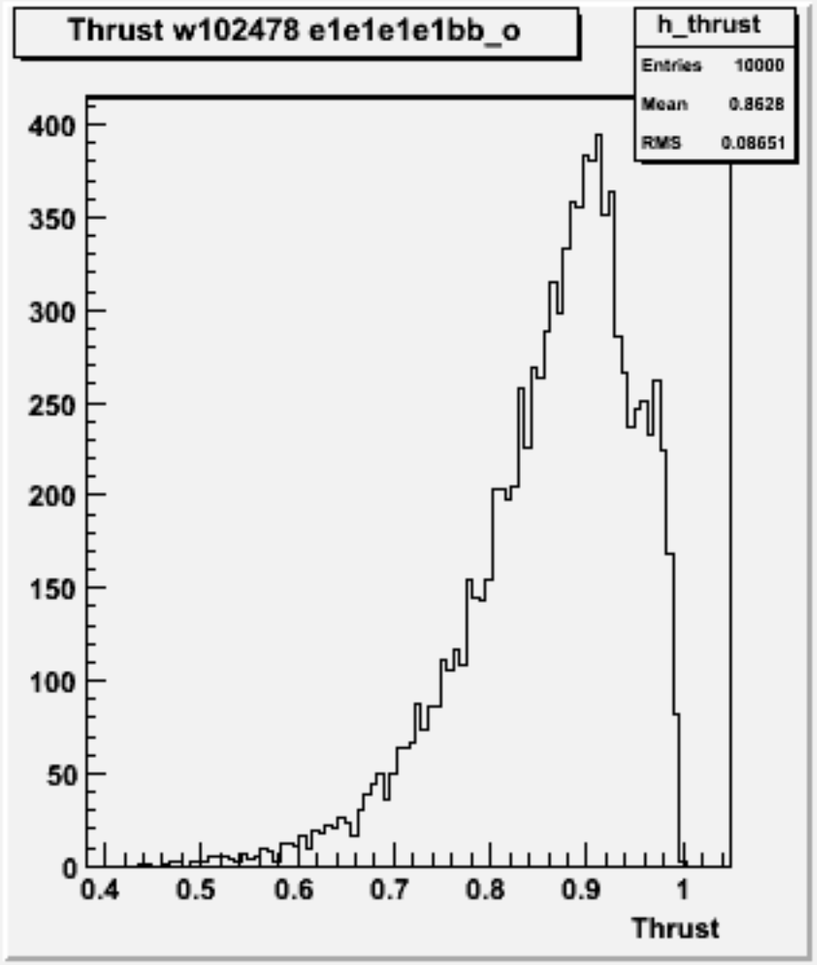

Total Energy (inc. ν): w102478 e1e1e1e1bb_o
h_etot
Entries 10000
Mean 347.3
RMS 6.192
Total Energy(GeV)

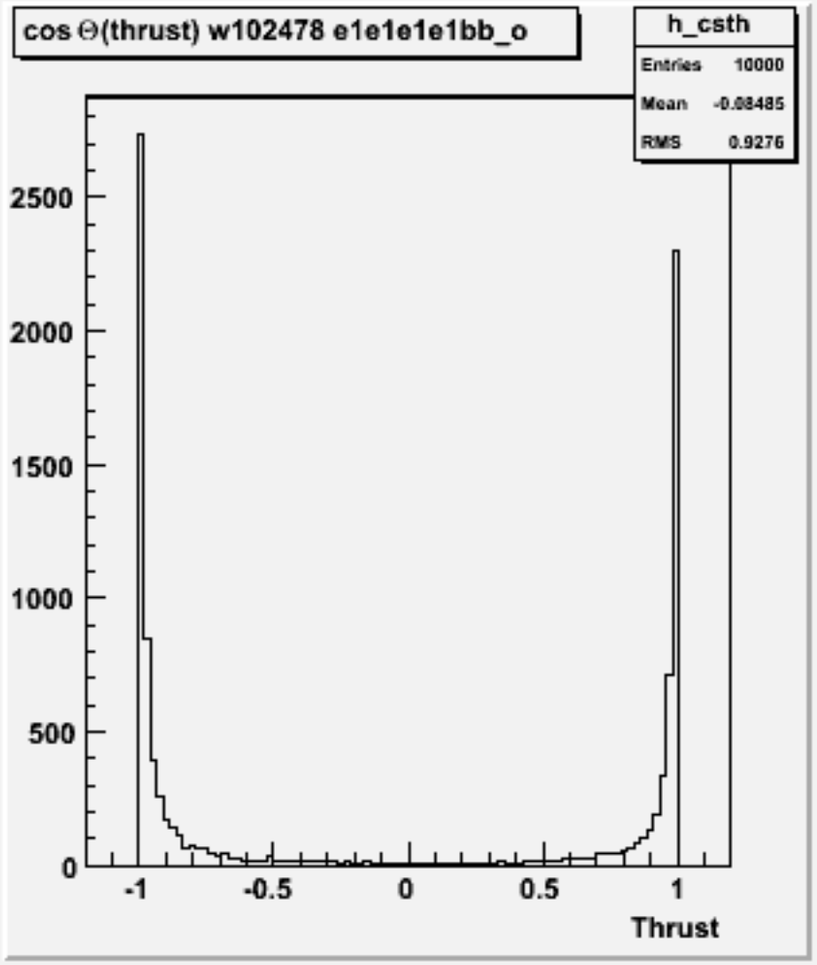

Total Energy (inc. ν): w102478 e1e1e1e1bb_o
h_etotc
Entries 9187
Mean 348.7
RMS 2.253
Total Energy(GeV)

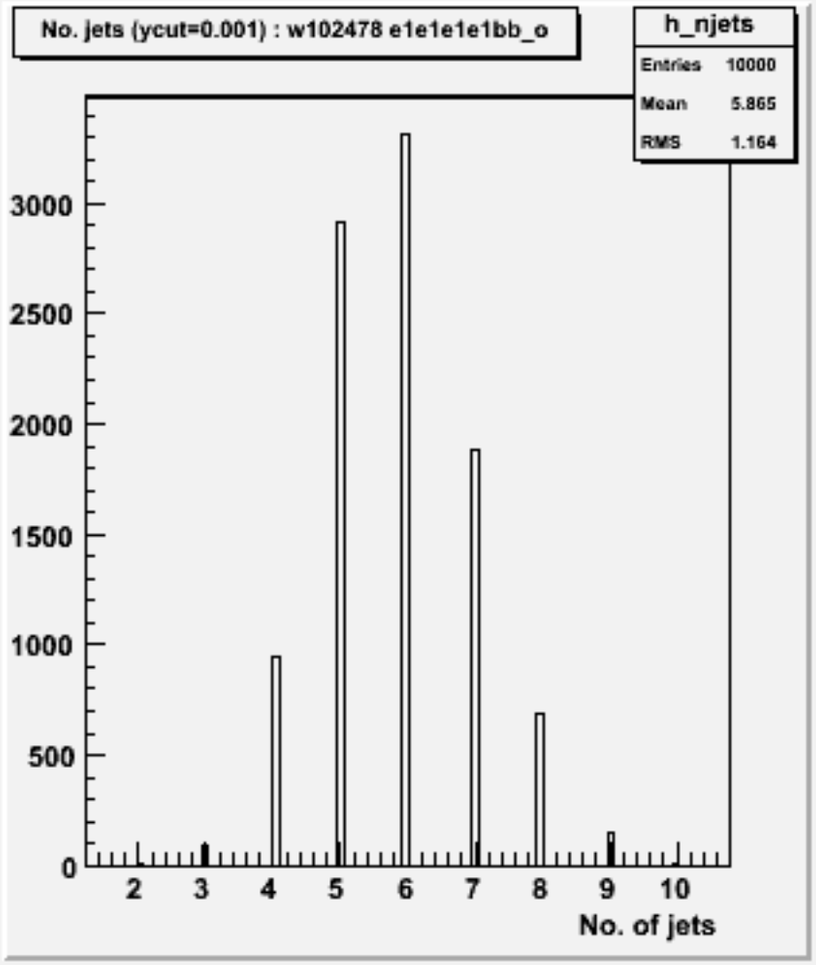

Total Energy (w/o ν): w102478 e1e1e1e1bb_o
h_evis
Entries 10000
Mean 339.4
RMS 13.37
Energy(GeV)

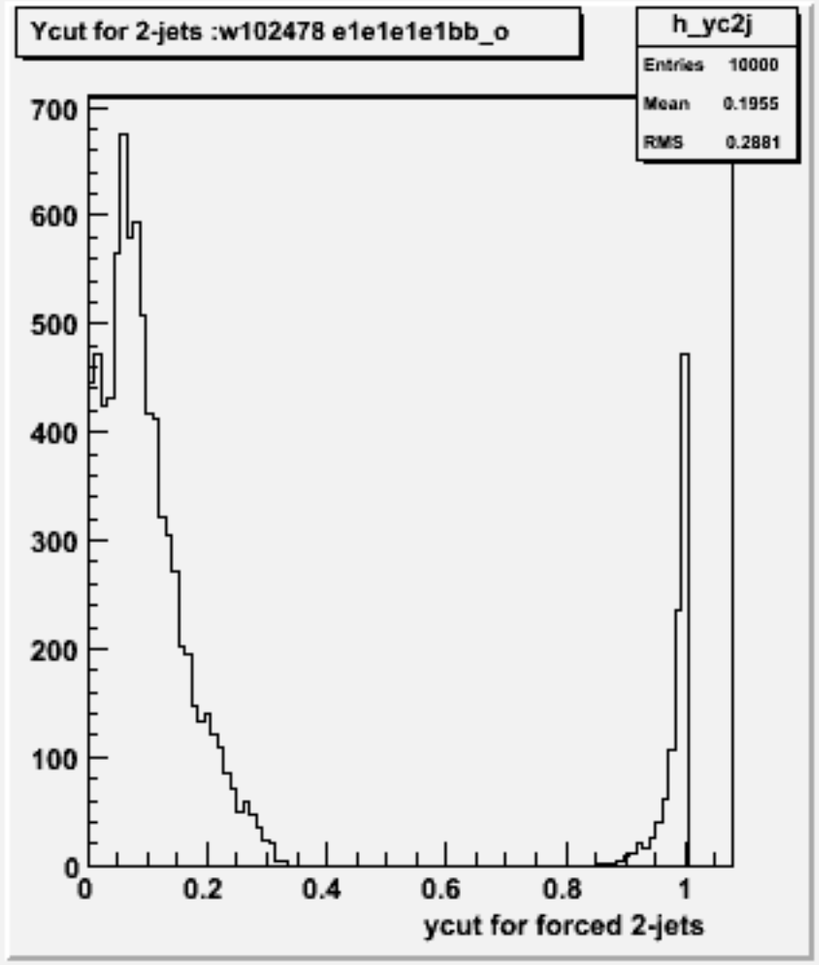

Pt Sum: w102478 e1e1e1e1bb_o
h_pt
Entries 10000
Mean 3.629
RMS 5.679
Pt(sum) (GeV)

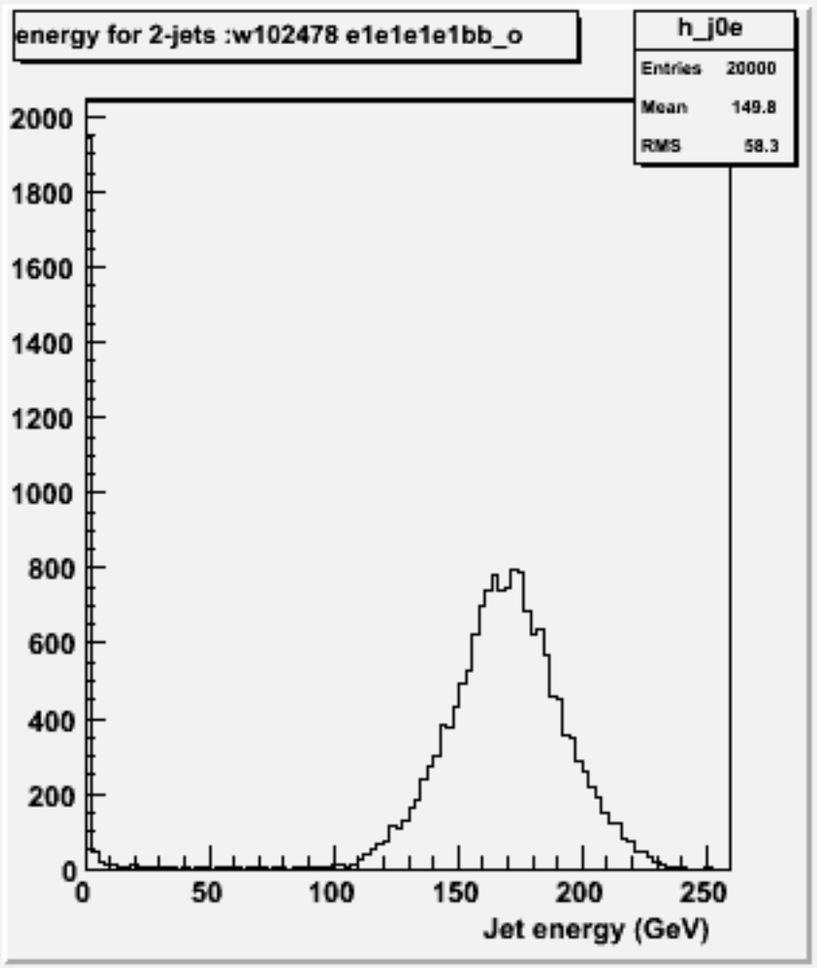

Pz Sum: w102478 e1e1e1e1bb_o
h_pz
Entries 10000
Mean 0.8746
RMS 13.13
Pz(sum) (GeV)

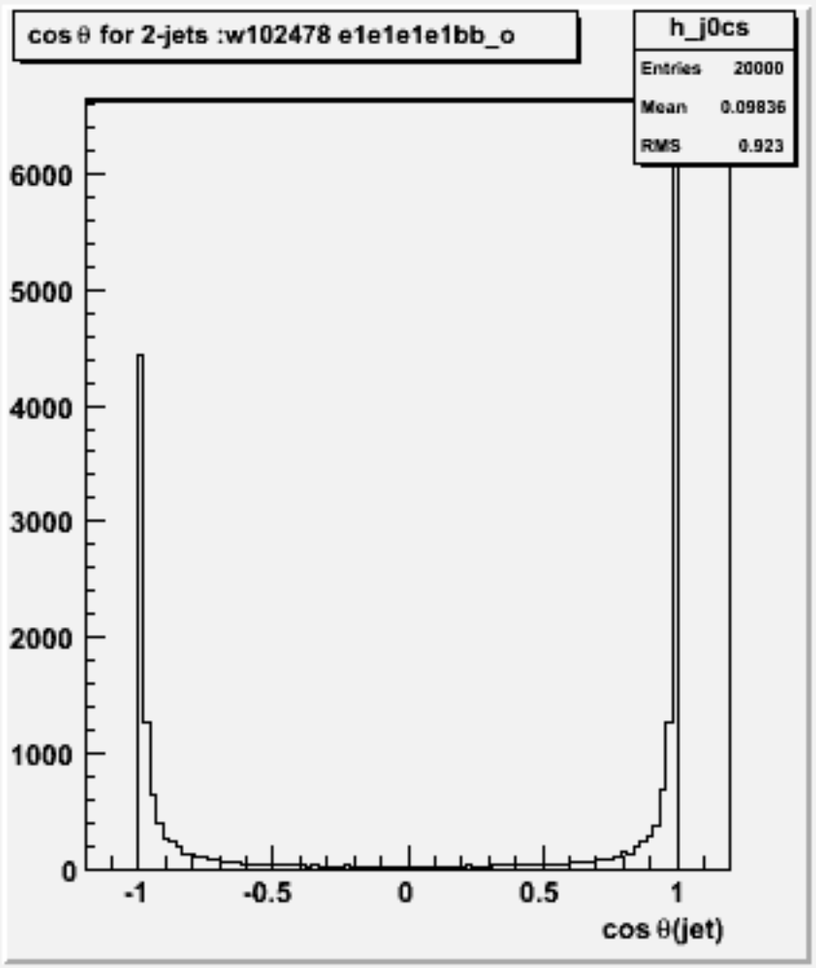

Thrust w102478 e1e1e1e1bb_o
h_thrust
Entries 10000
Mean 0.8628
RMS 0.08651
Thrust

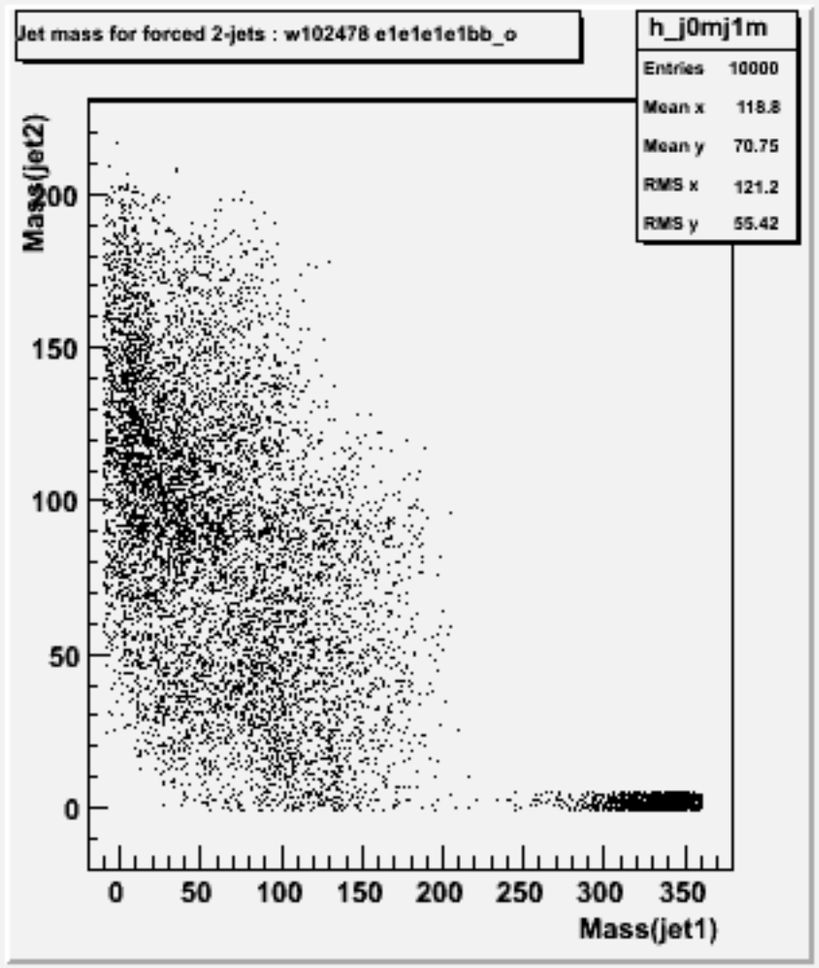

cos Θ(thrust) w102478 e1e1e1e1bb_o
h_csth
Entries 10000
Mean -0.08485
RMS 0.9276
Thrust

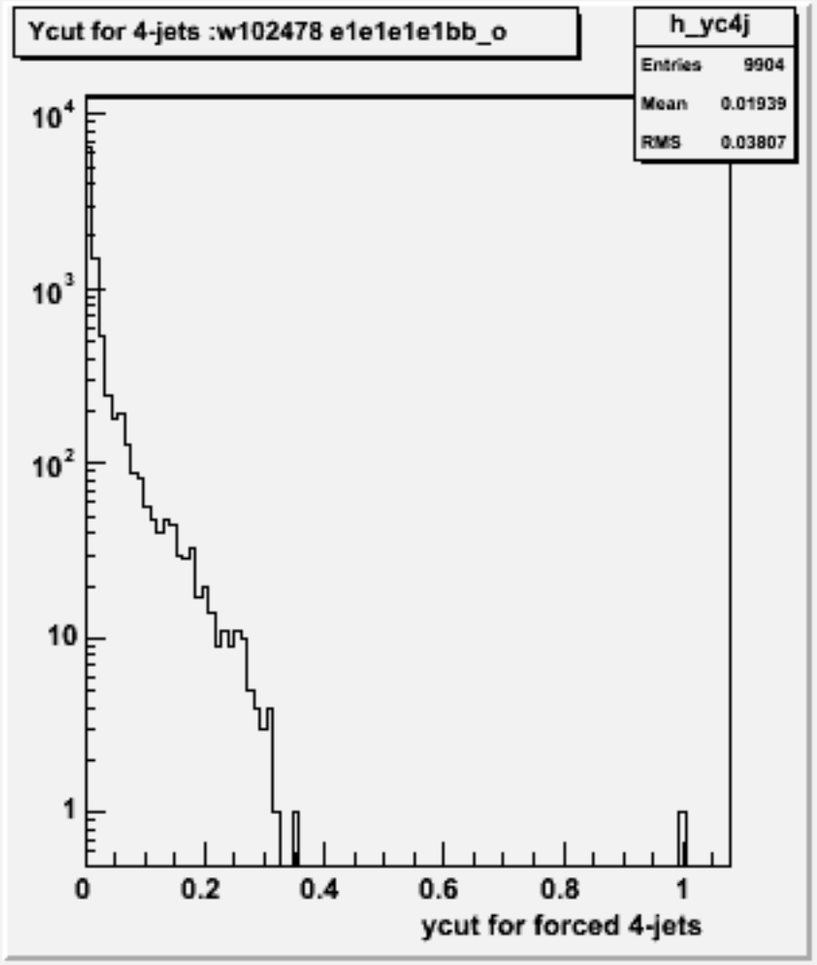

No. jets (ycut=0.001) : w102478 e1e1e1e1bb_o
h_njets
Entries 10000
Mean 5.865
RMS 1.164
No. of jets

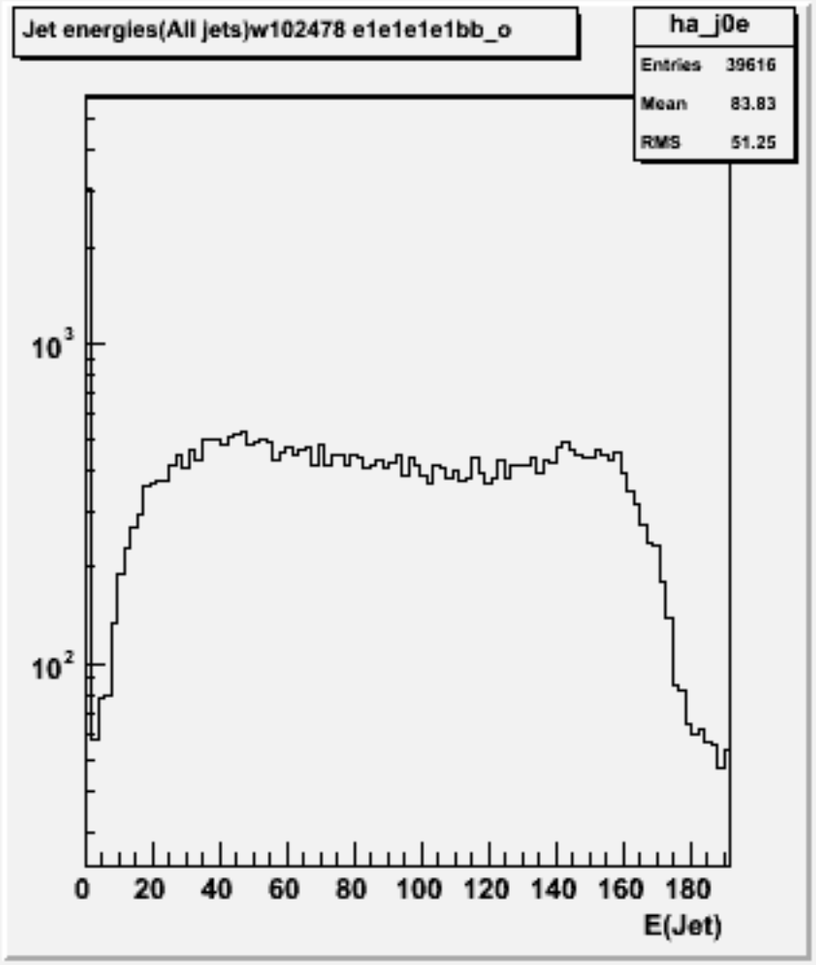

Ycut for 2-jets :w102478 e1e1e1e1bb_o
h_yc2j
Entries 10000
Mean 0.1955
RMS 0.2881
ycut for forced 2-jets

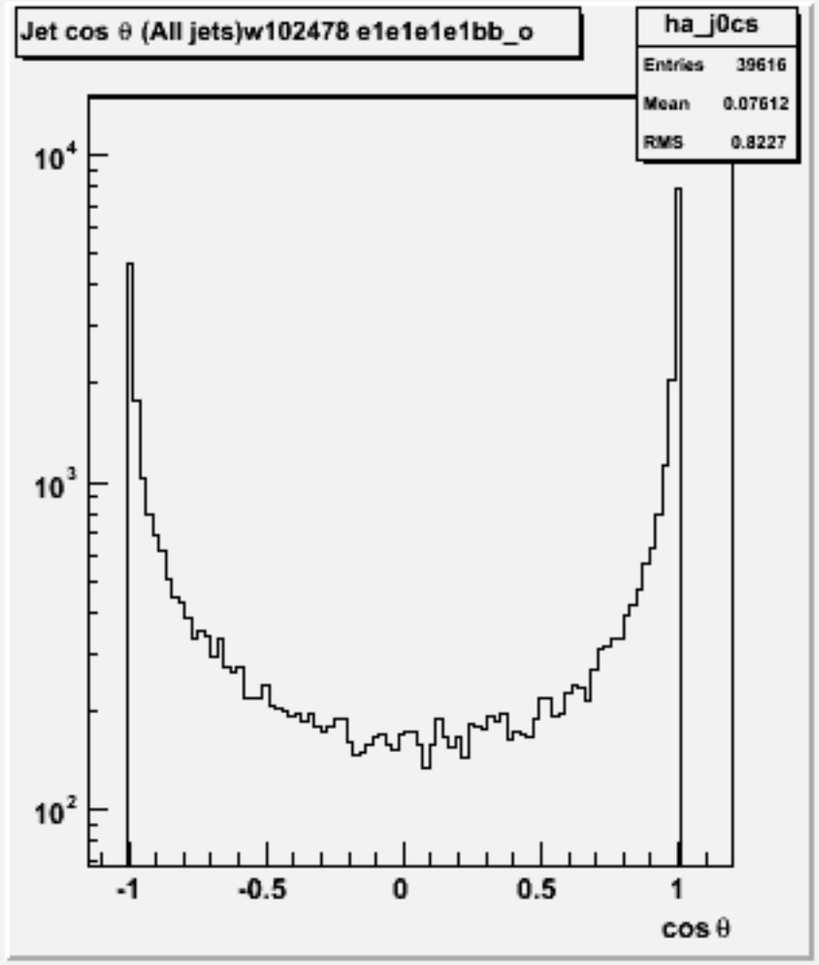

energy for 2-jets :w102478 e1e1e1e1bb_o
h_j0e
Entries 20000
Mean 149.8
RMS 58.3
Jet energy (GeV)

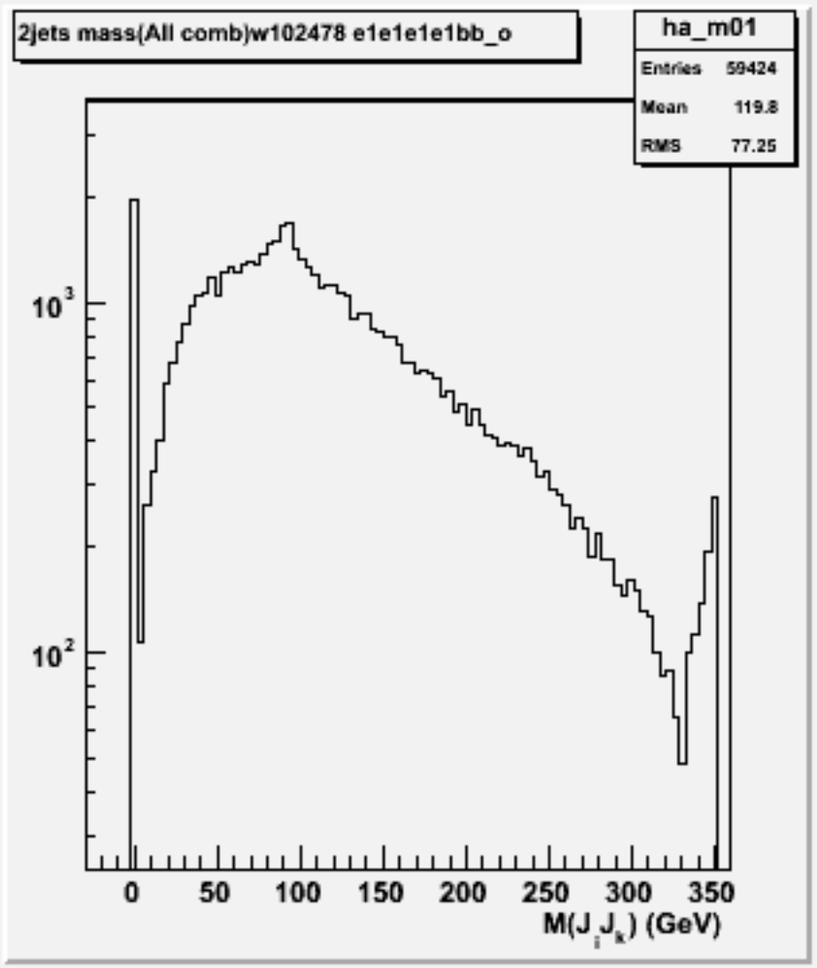

cos θ for 2-jets :w102478 e1e1e1e1bb_o
h_j0cs
Entries 20000
Mean 0.09836
RMS 0.923
cos θ(jet)


Jet mass for forced 2-jets : w102478 e1e1e1e1bb_o
h_j0mj1m
Entries 10000
Mean x 118.8
Mean y 70.75
RMS x 121.2
RMS y 55.42
Mass(jet2)
Mass(jet1)


Ycut for 4-jets :w102478 e1e1e1e1bb_o
h_yc4j
Entries 9904
Mean 0.01939
RMS 0.03807
ycut for forced 4-jets


Jet energies(All jets)w102478 e1e1e1e1bb_o
ha_j0e
Entries 39616
Mean 83.83
RMS 51.25
E(Jet)


Jet cos θ (All jets)w102478 e1e1e1e1bb_o
ha_j0cs
Entries 39616
Mean 0.07612
RMS 0.8227
cos θ


2jets mass(All comb)w102478 e1e1e1e1bb_o
ha_m01
Entries 59424
Mean 119.8
RMS 77.25
M(J_iJ_k) (GeV)