

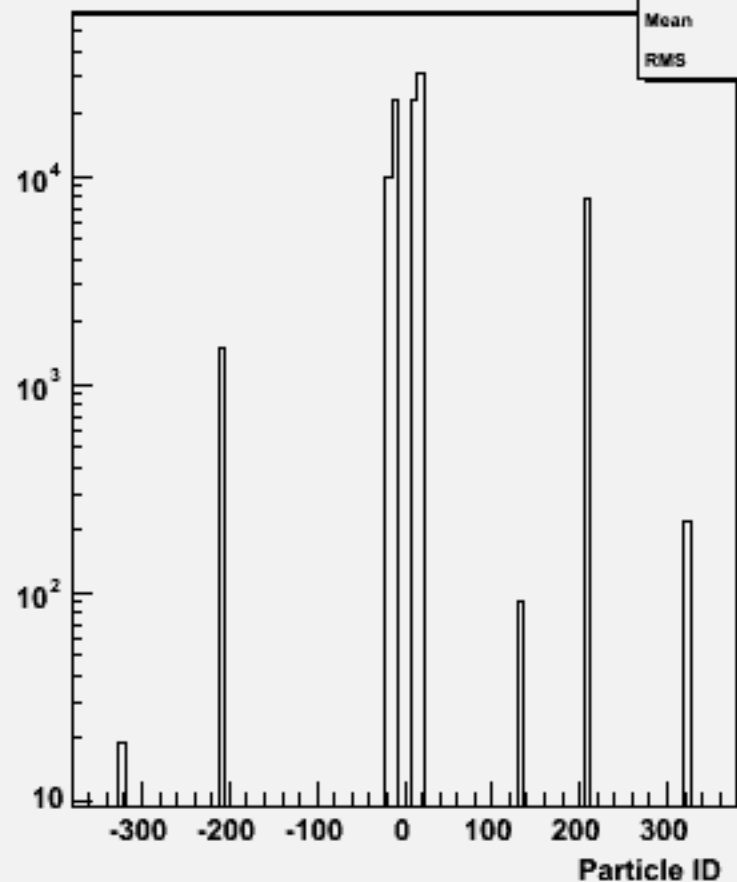
# Generator file information: w103555 ae1\_n1n3e3e1e1\_o

process\_id=w103555  
job\_date\_time=100808-152200  
process\_name=ae1\_n1n3e3e1e1\_o  
CM\_energy\_in\_GeV=350  
program\_name\_version=whizard-1.40  
beam\_particle1=A  
beam\_particle2=E1  
polarization1=0.0  
polarization2=+1.0  
luminosity=1000  
cross\_section\_in\_fb=0.00289696811860678  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w103555\_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/w103555/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w103555/run_01)  
comment=

Particle ID : w103555 ae1\_n1n3e3e1e1\_o

h\_id

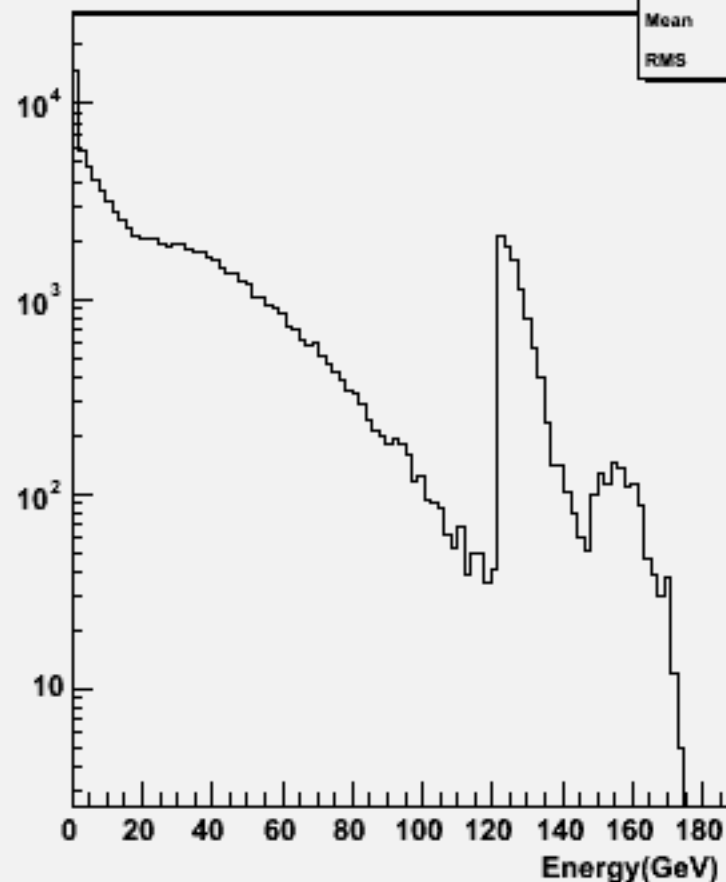
|         |       |
|---------|-------|
| Entries | 97961 |
| Mean    | 19.08 |
| RMS     | 65.91 |



Particle Energy : w103555 ae1\_n1n3e3e1e1\_o

h\_e

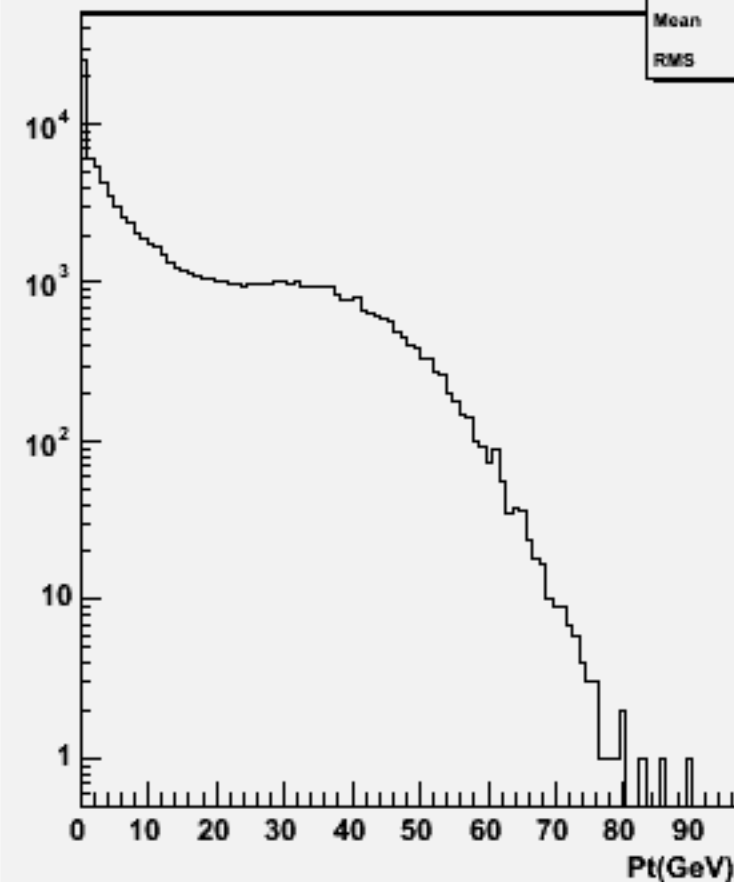
|         |       |
|---------|-------|
| Entries | 97961 |
| Mean    | 35.63 |
| RMS     | 39.91 |



Particle Pt : w103555 ae1\_n1n3e3e1e1\_o

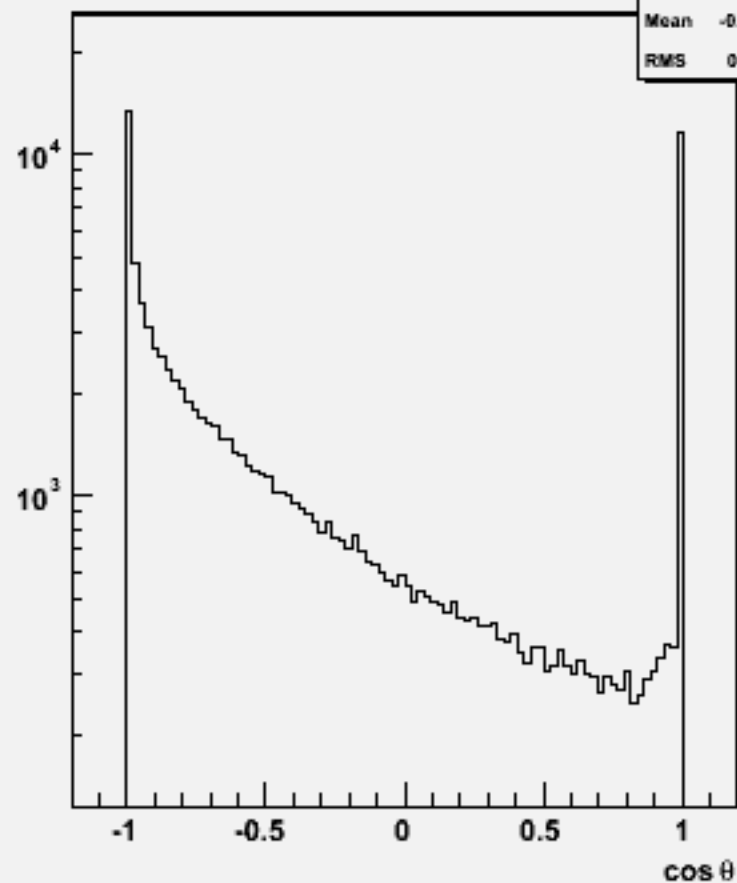
h\_pt

|         |       |
|---------|-------|
| Entries | 97961 |
| Mean    | 13.32 |
| RMS     | 15.41 |

Particle cos  $\theta$  : w103555 ae1\_n1n3e3e1e1\_o

h\_cs

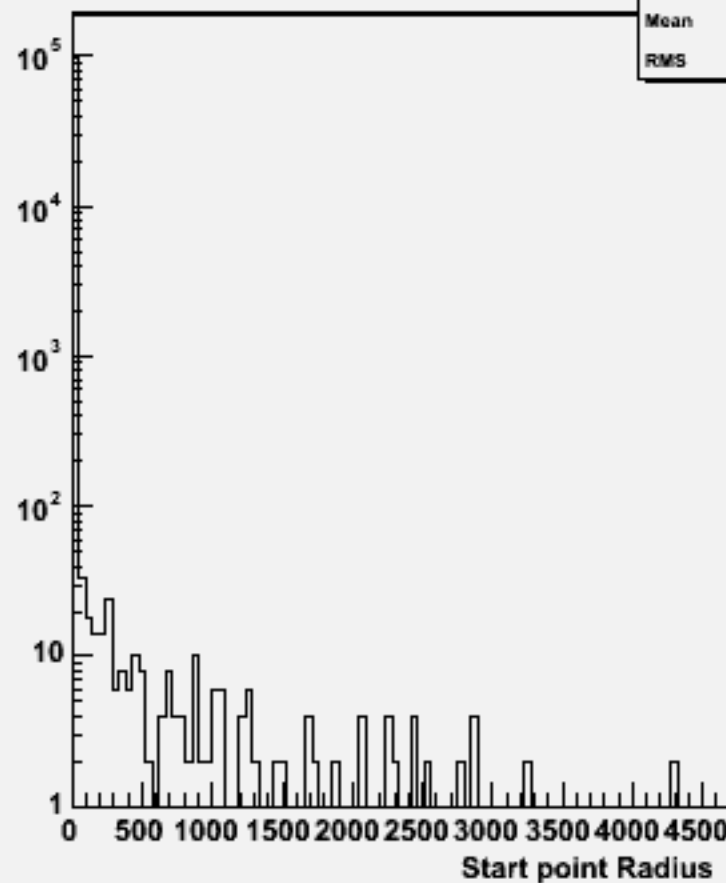
|         |         |
|---------|---------|
| Entries | 97961   |
| Mean    | -0.3347 |
| RMS     | 0.6909  |



Start point R : w103555 ae1\_n1n3e3e1e1\_o

h\_vr

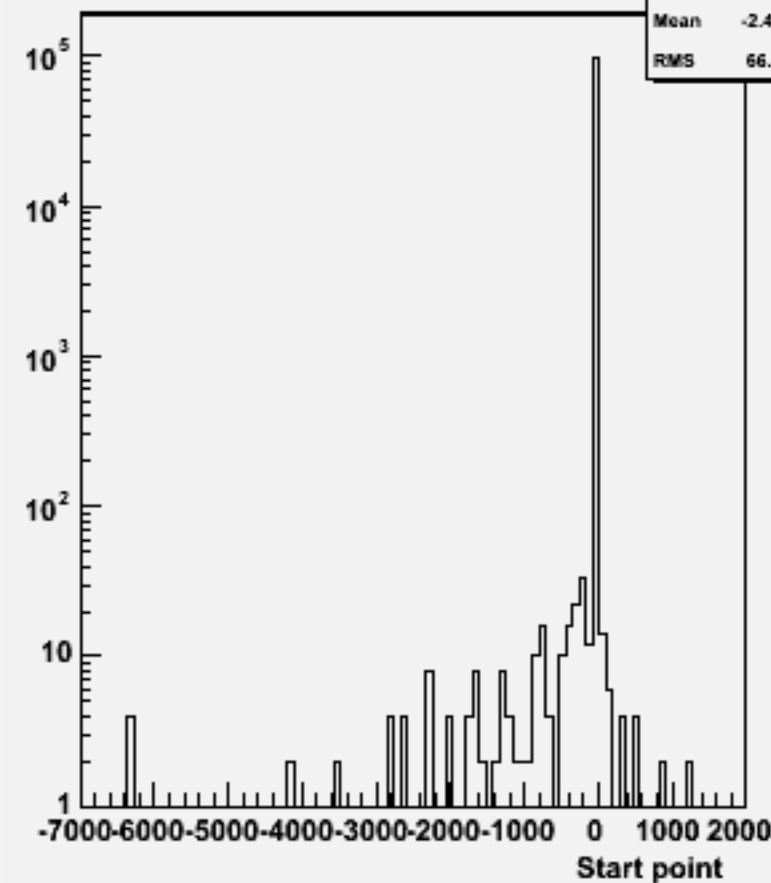
|         |       |
|---------|-------|
| Entries | 97961 |
| Mean    | 2.42  |
| RMS     | 54.26 |

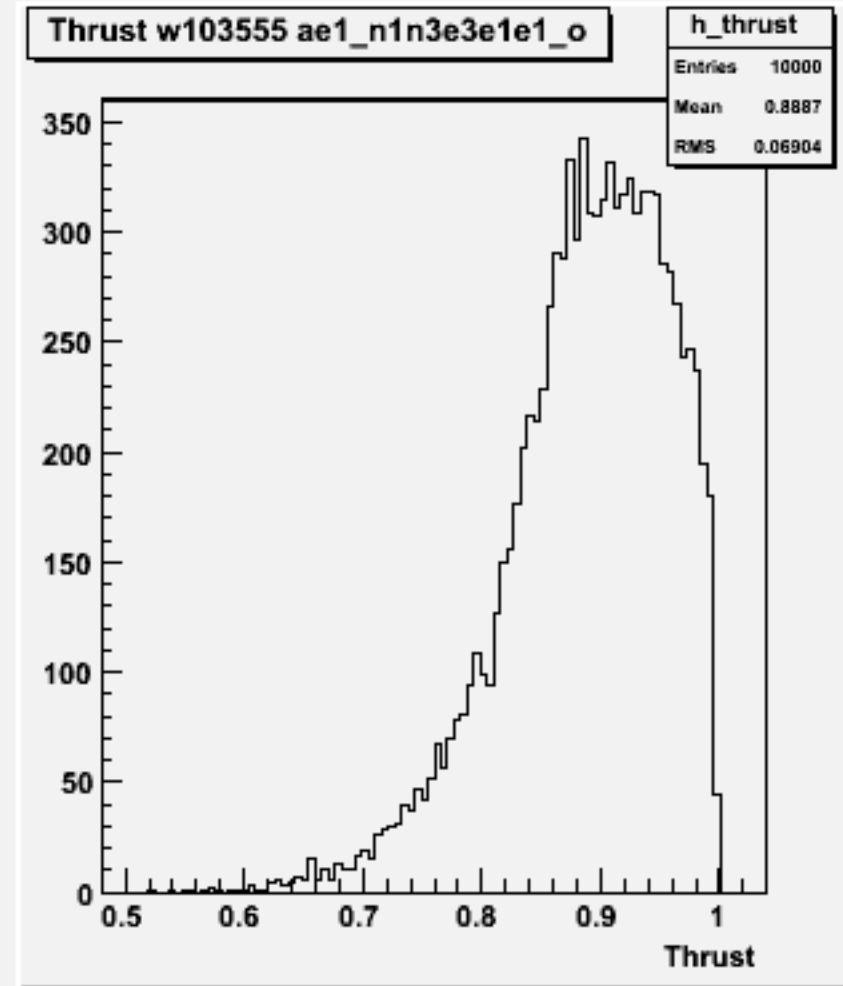
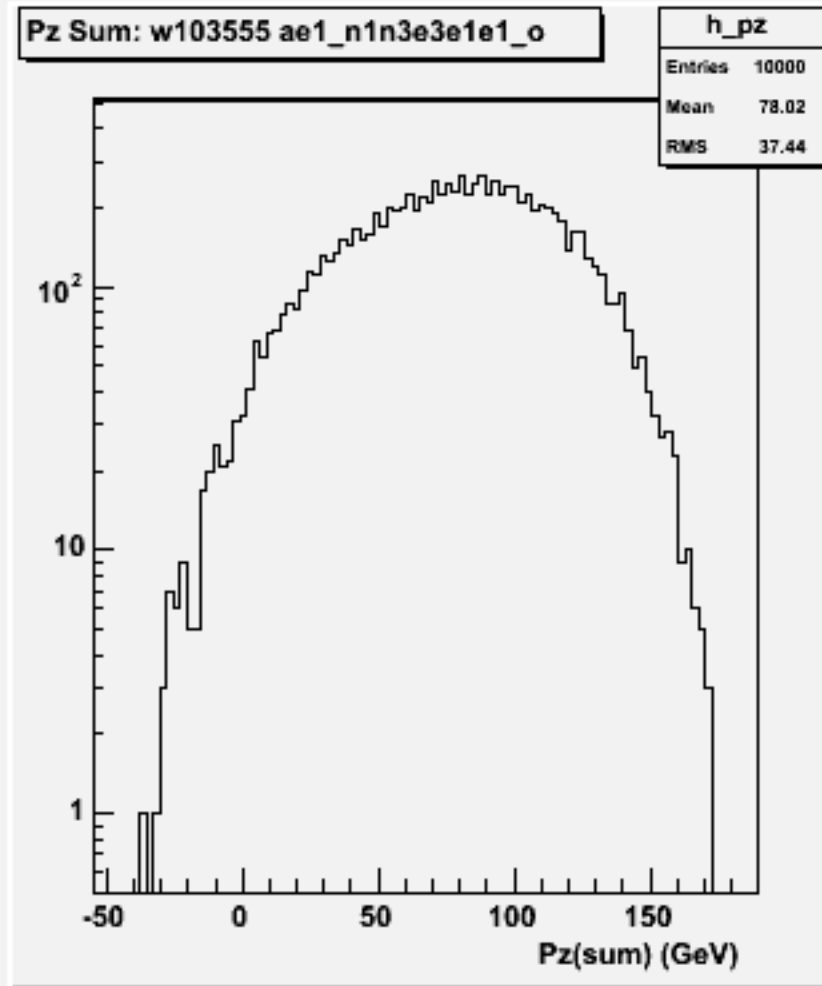
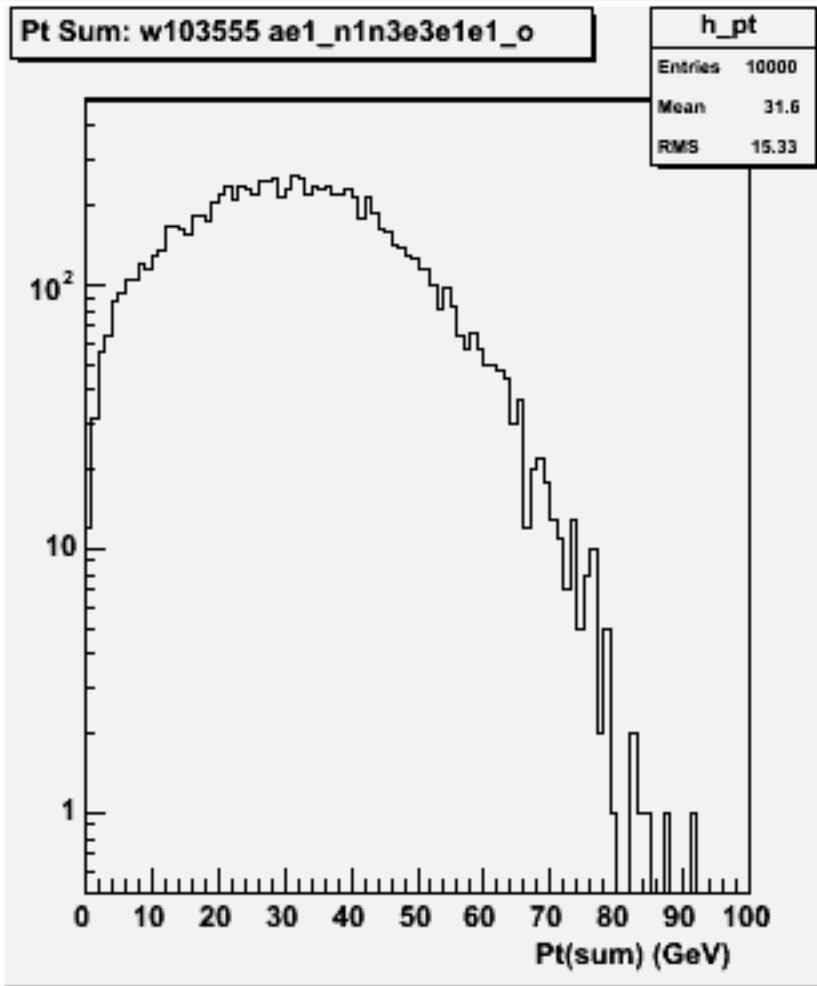
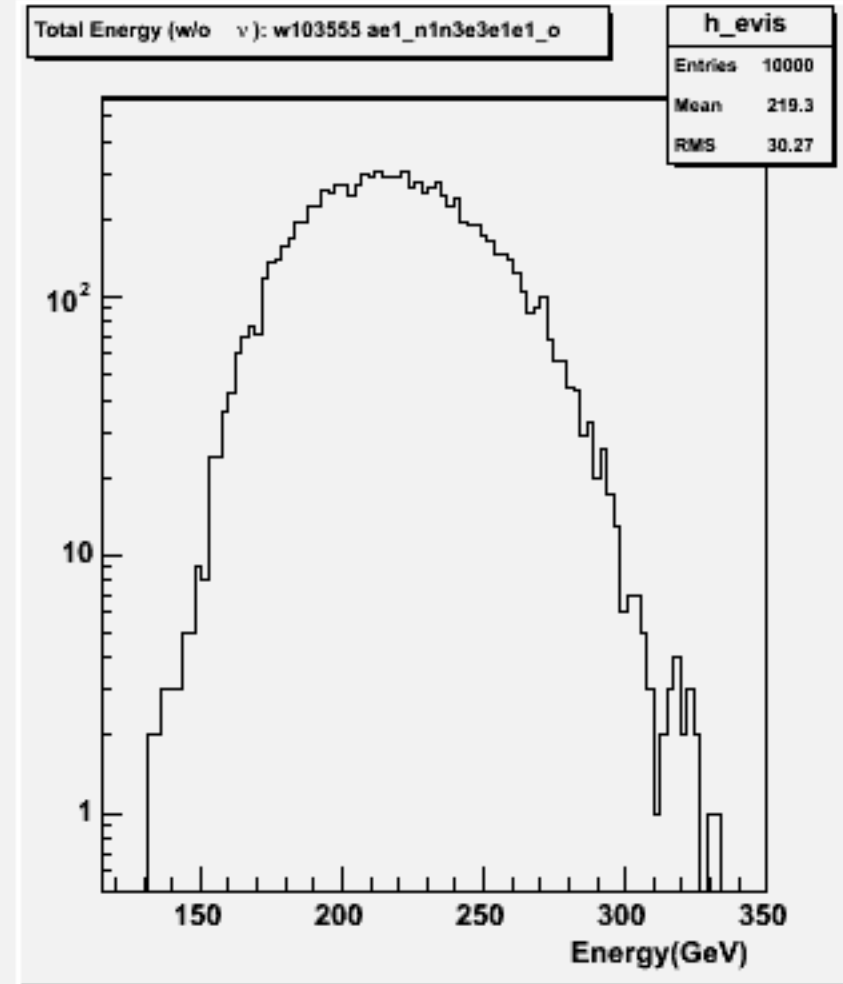
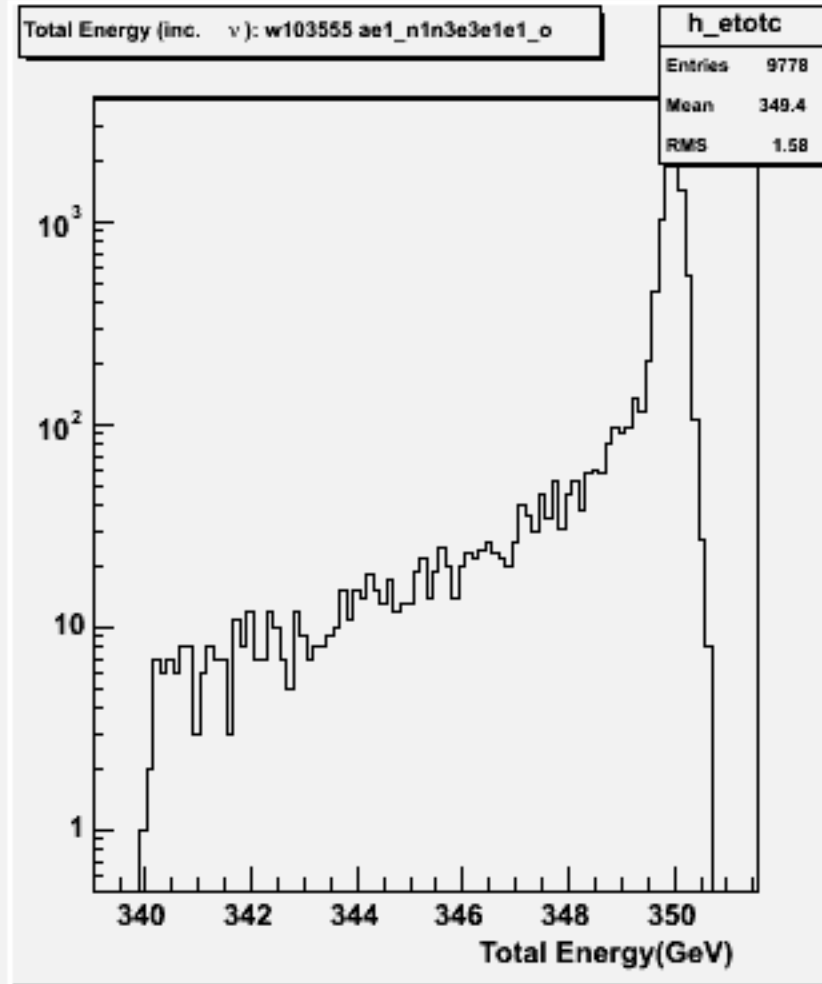
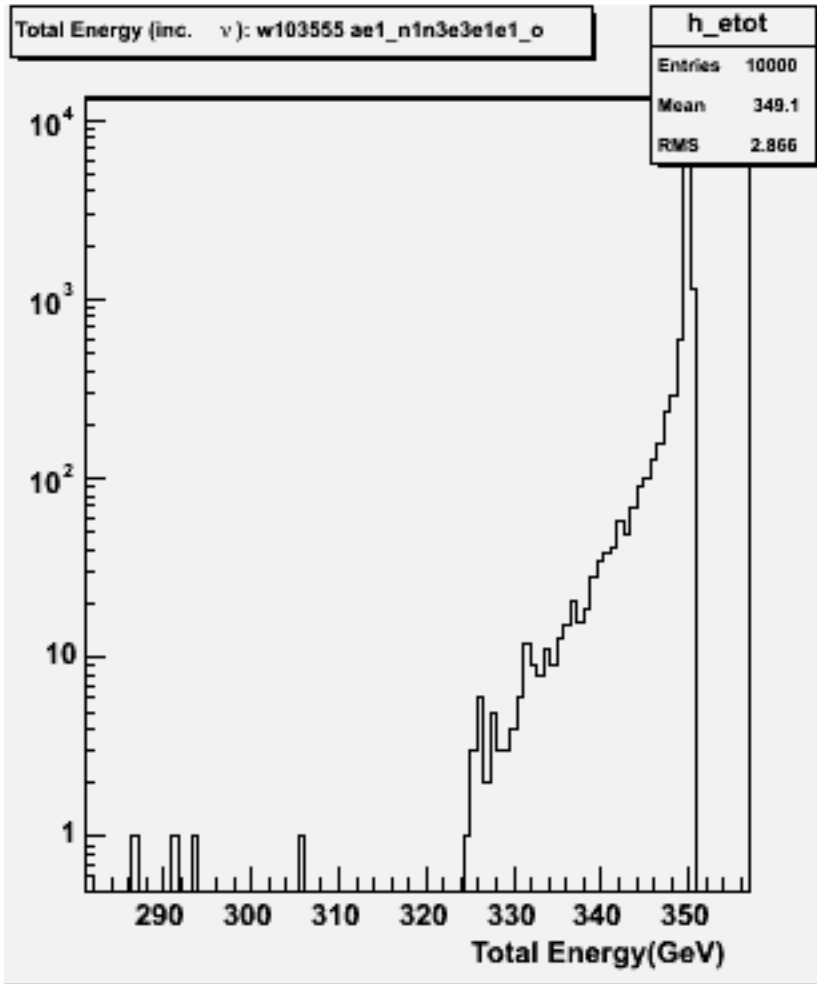


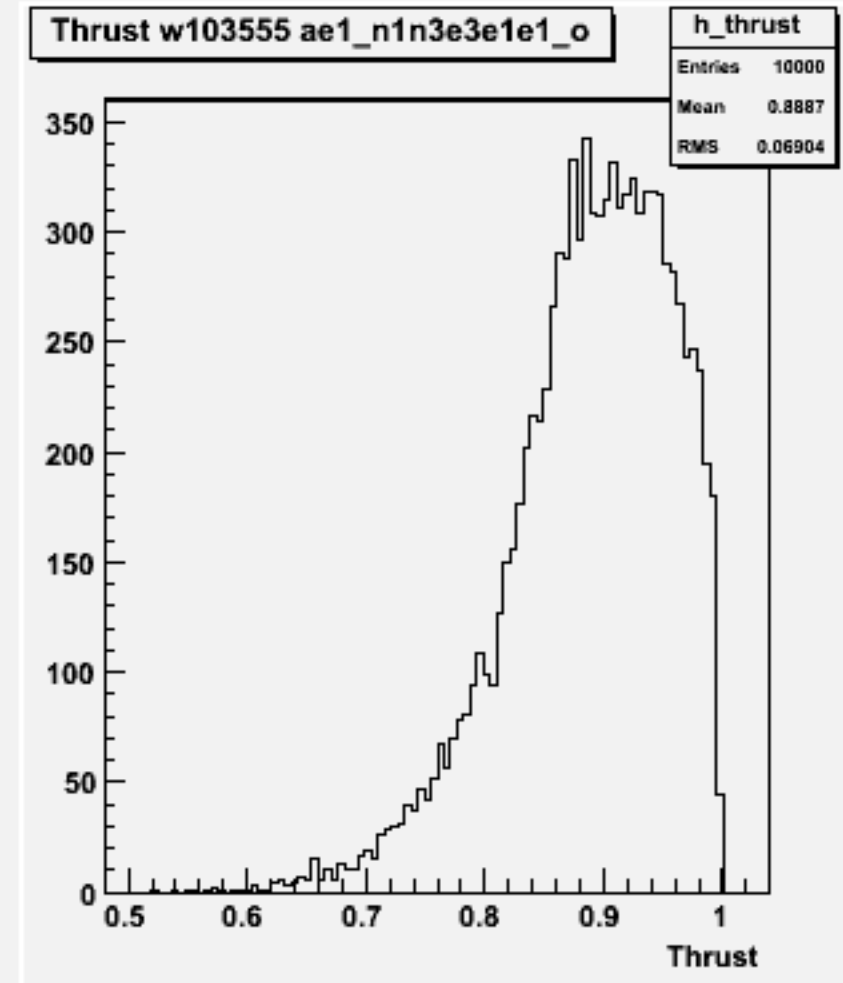
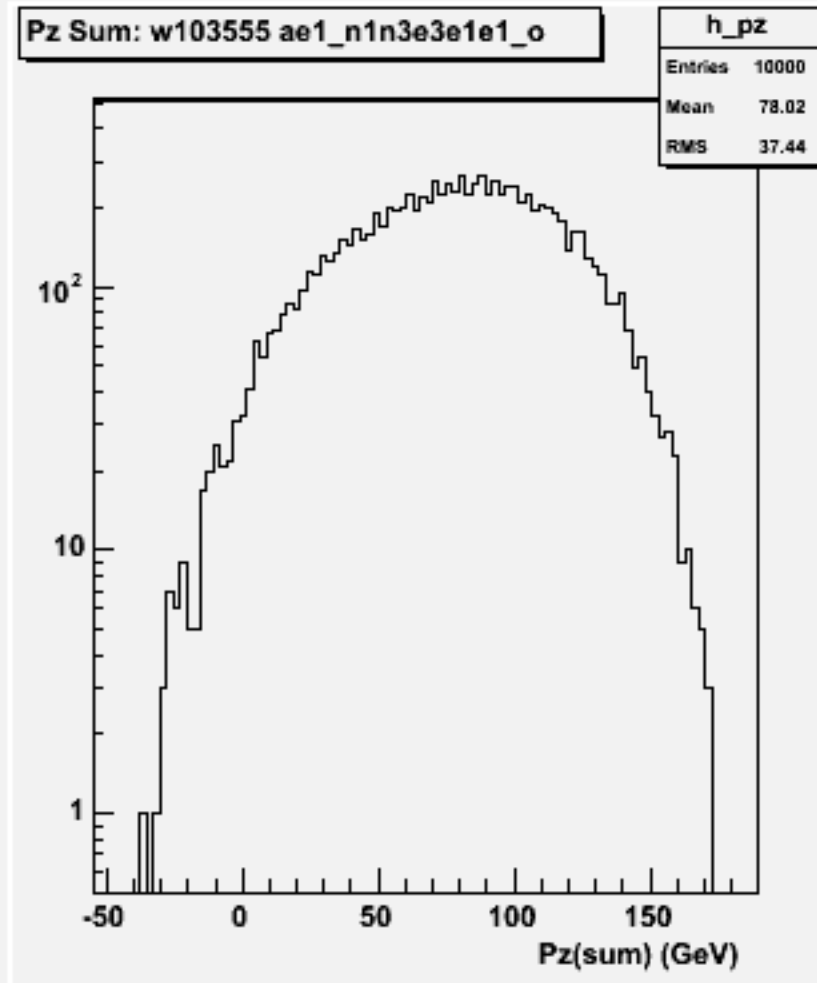
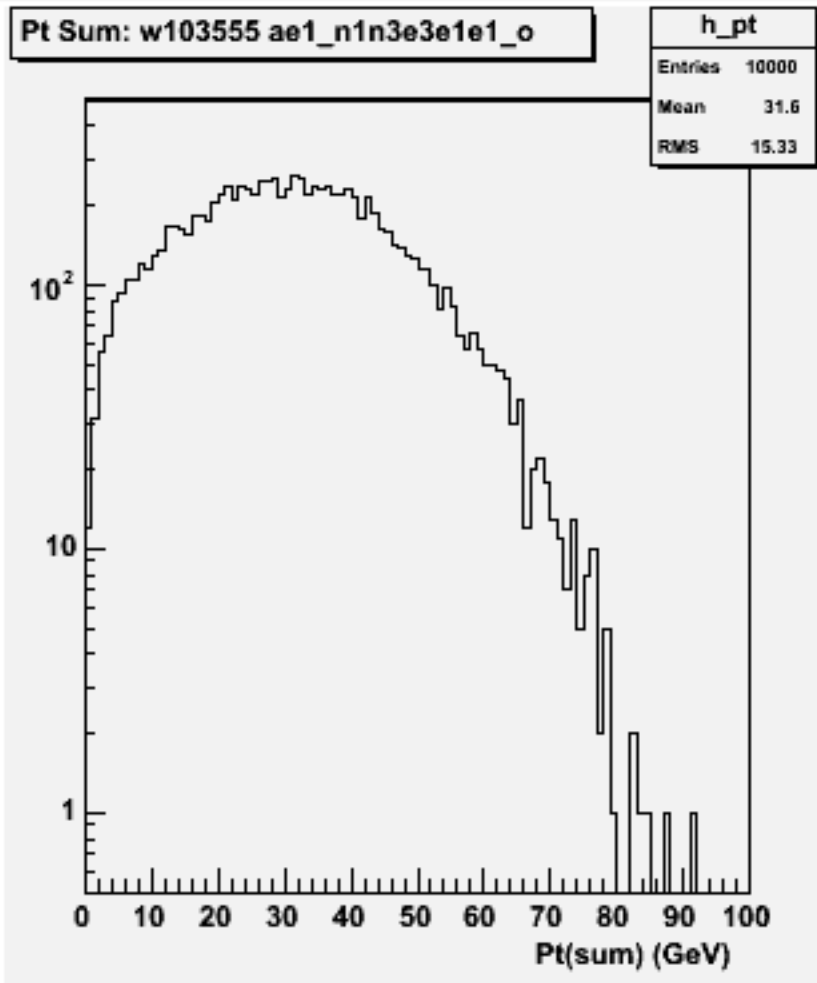
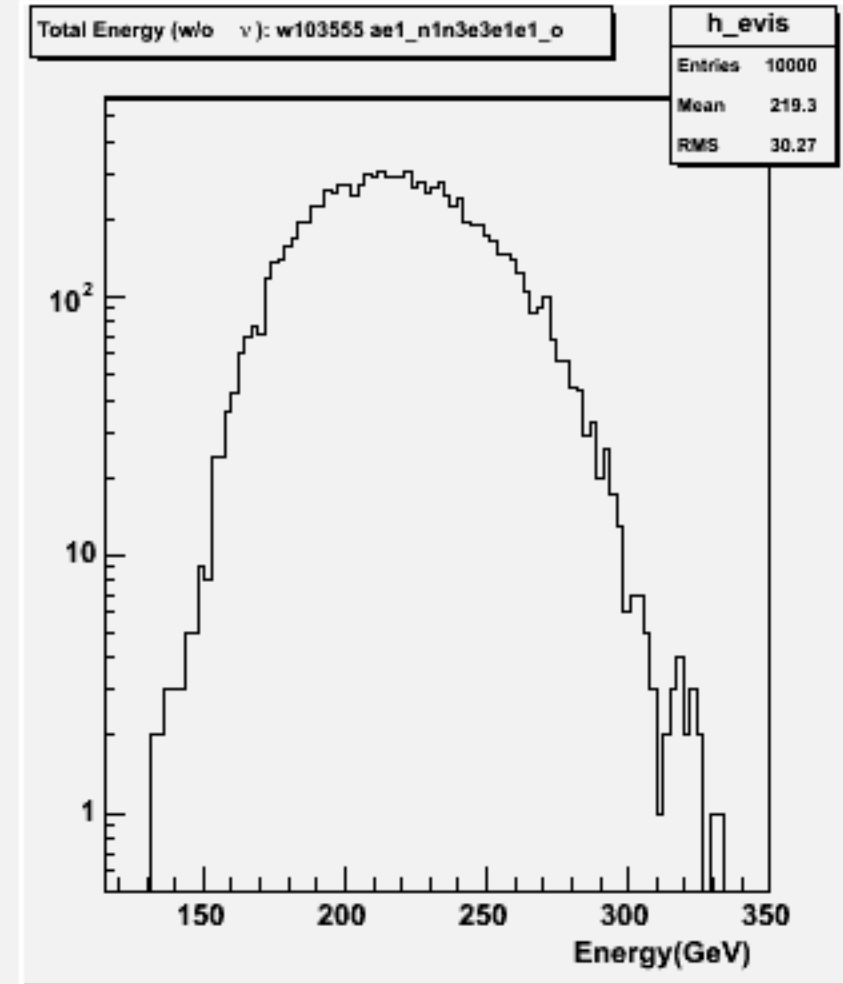
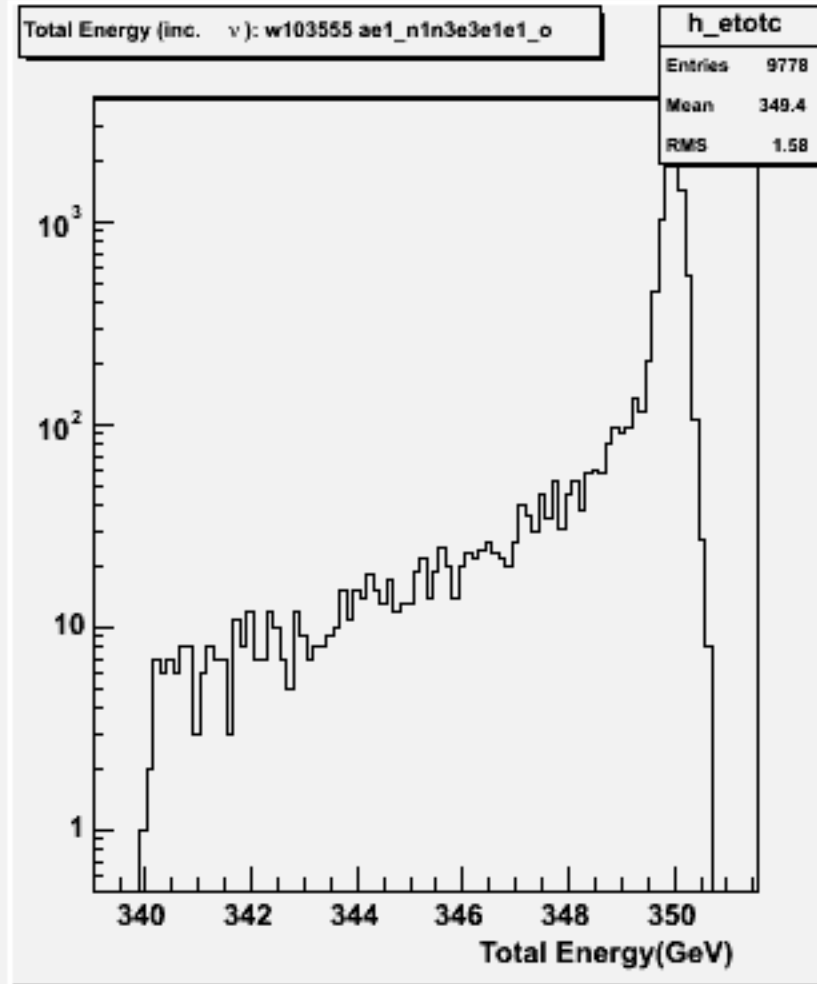
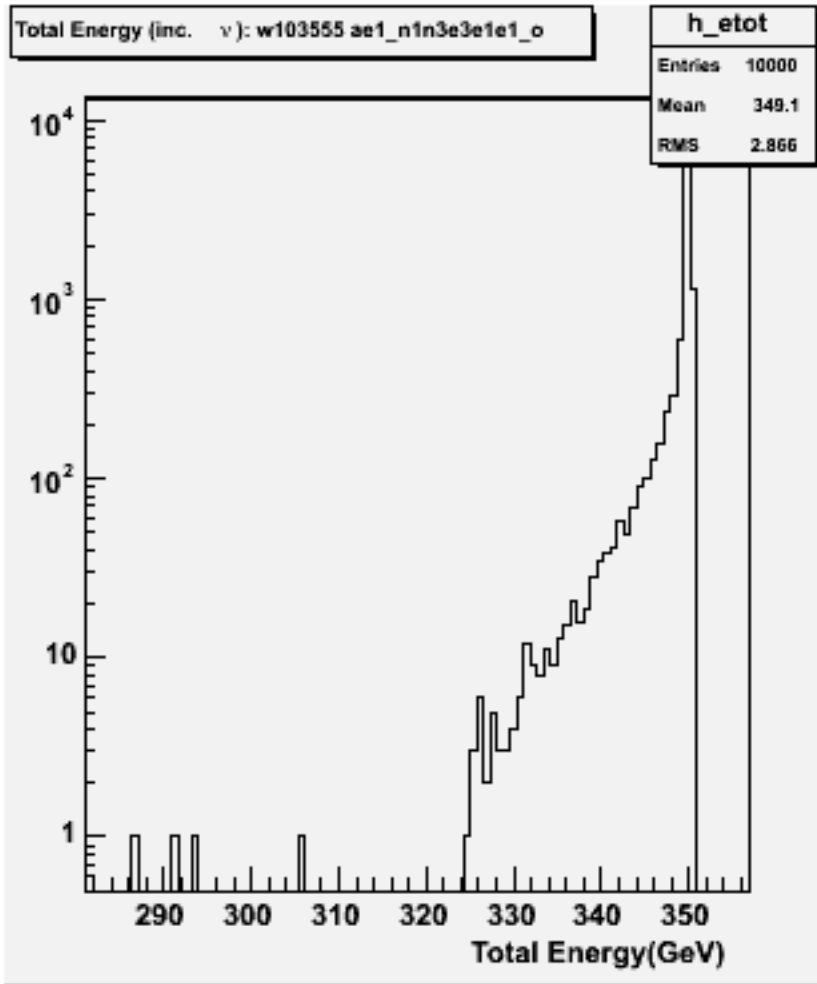
Start point Z : w103555 ae1\_n1n3e3e1e1\_o

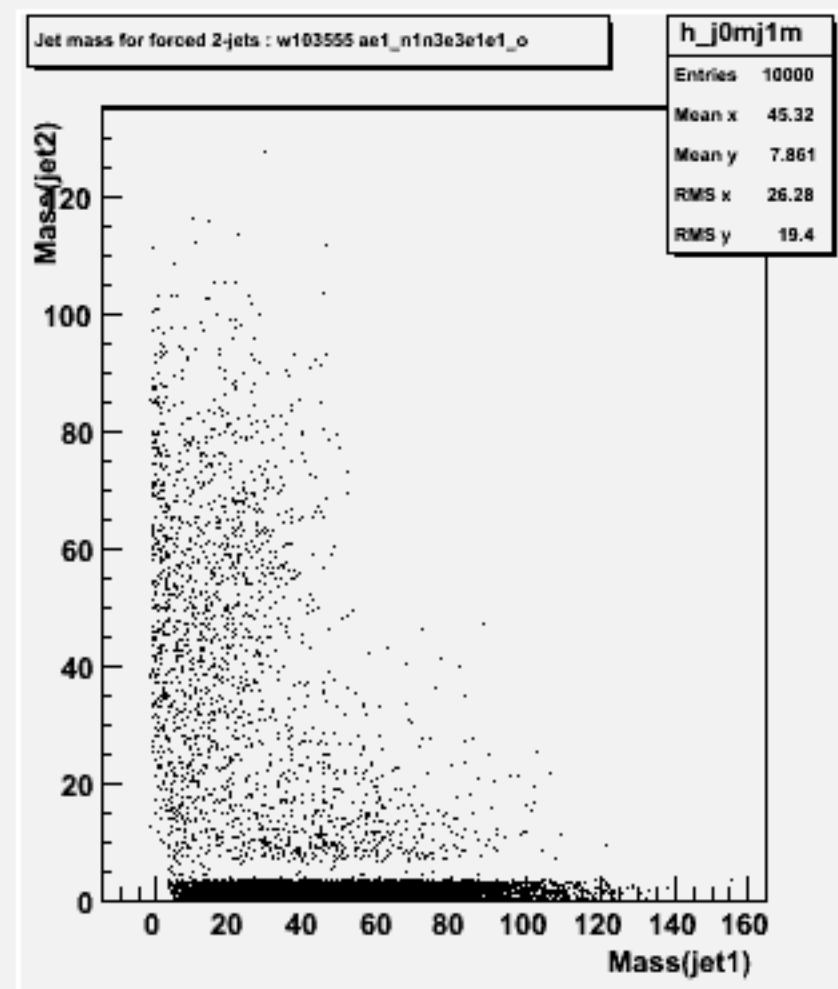
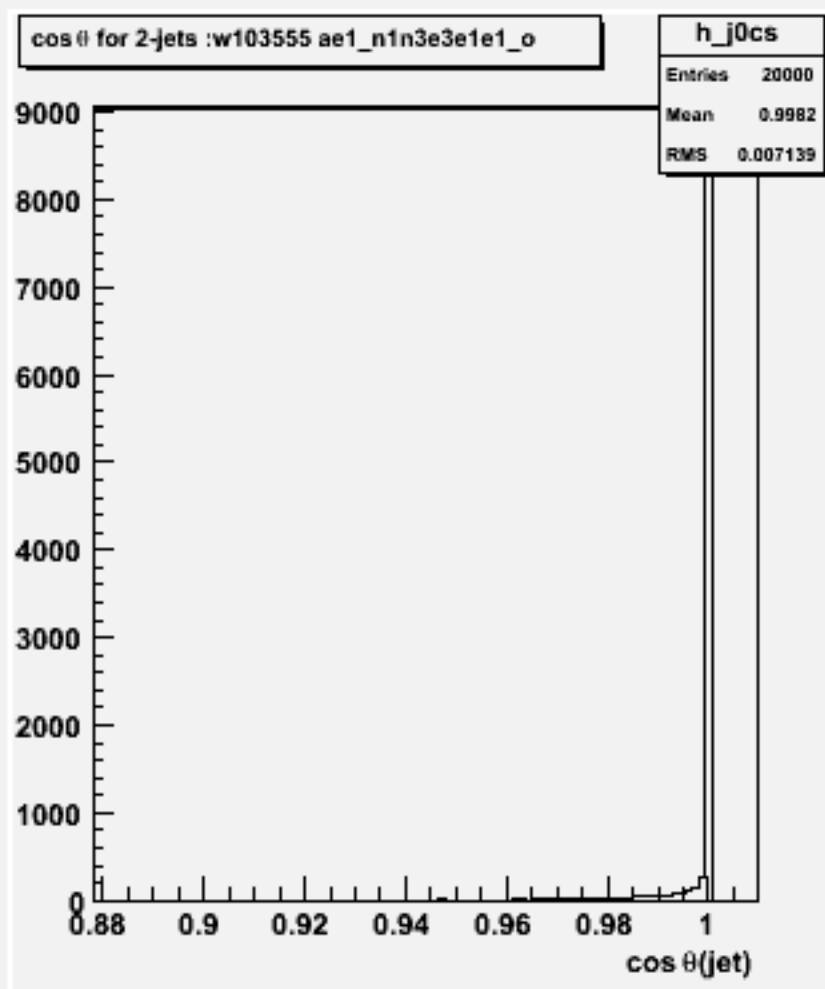
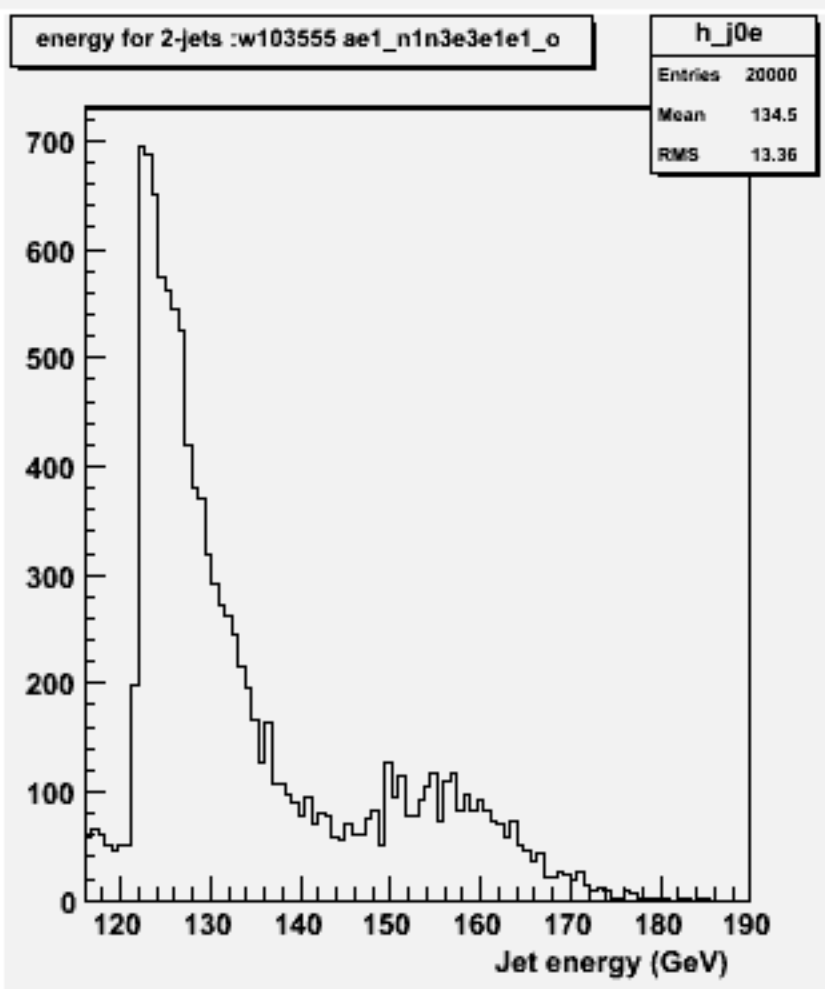
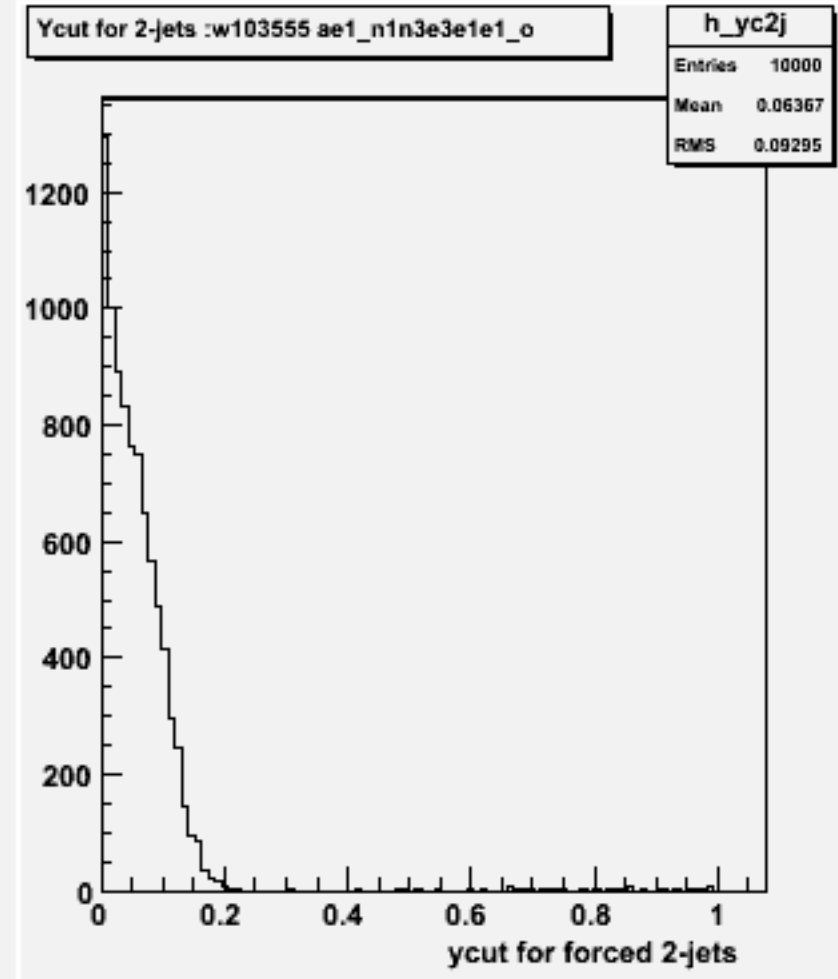
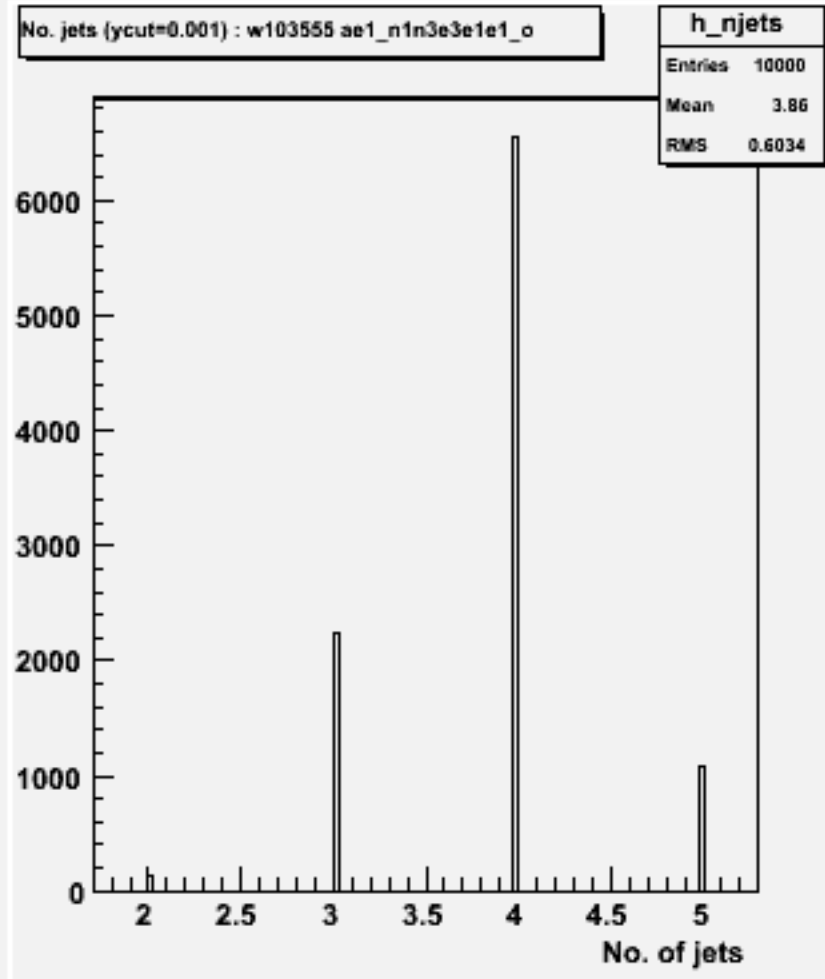
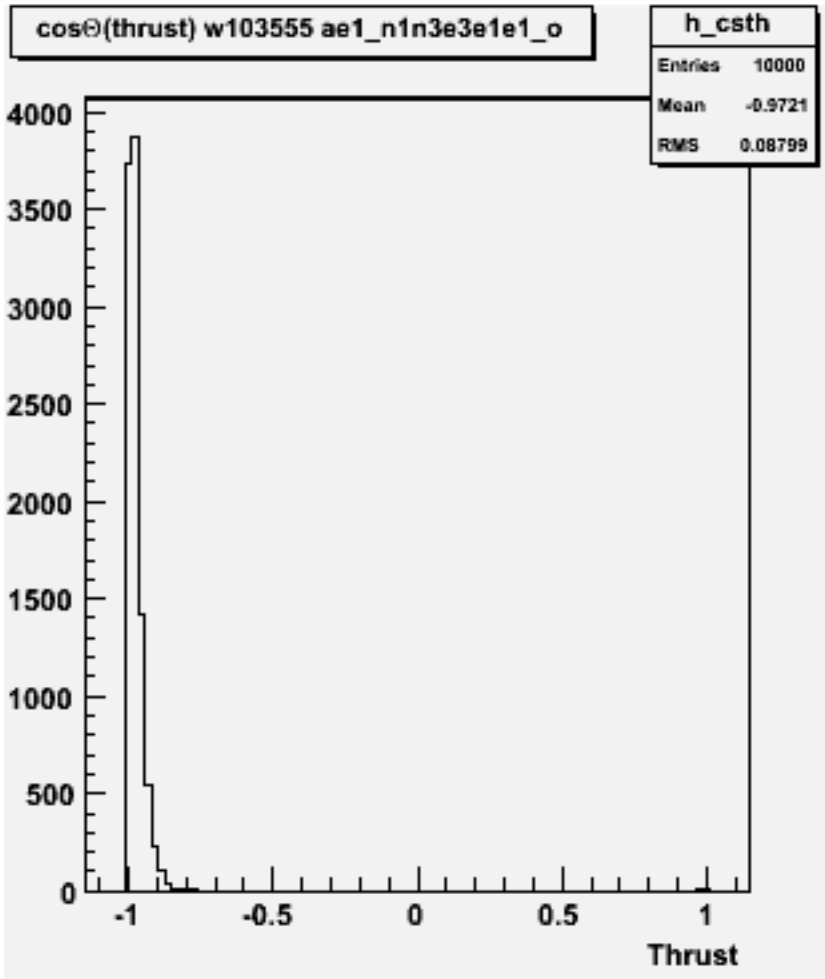
h\_vz

|         |        |
|---------|--------|
| Entries | 97961  |
| Mean    | -2.428 |
| RMS     | 66.47  |

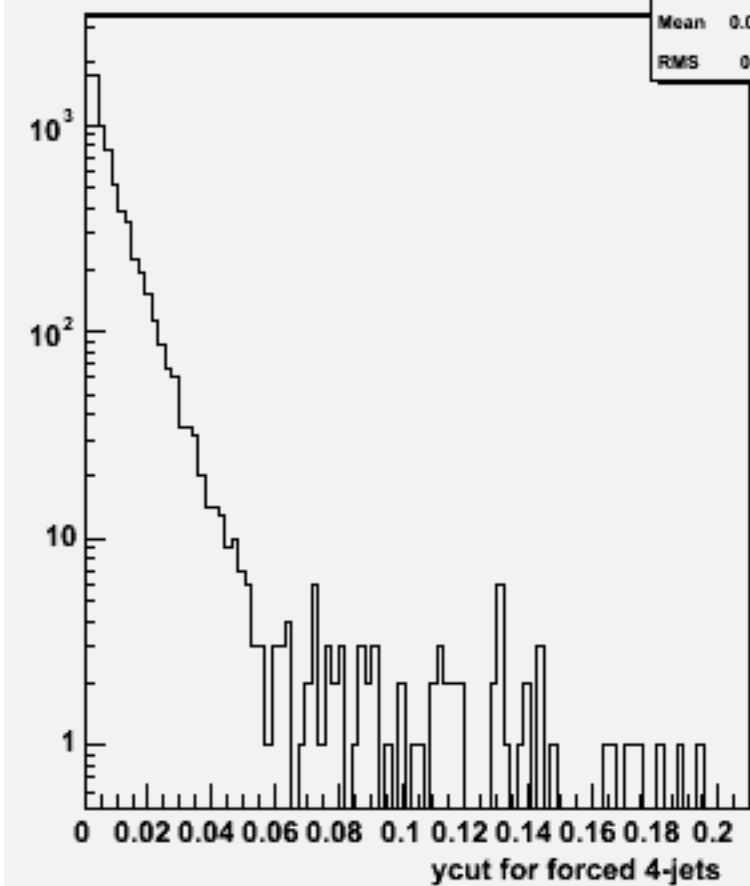








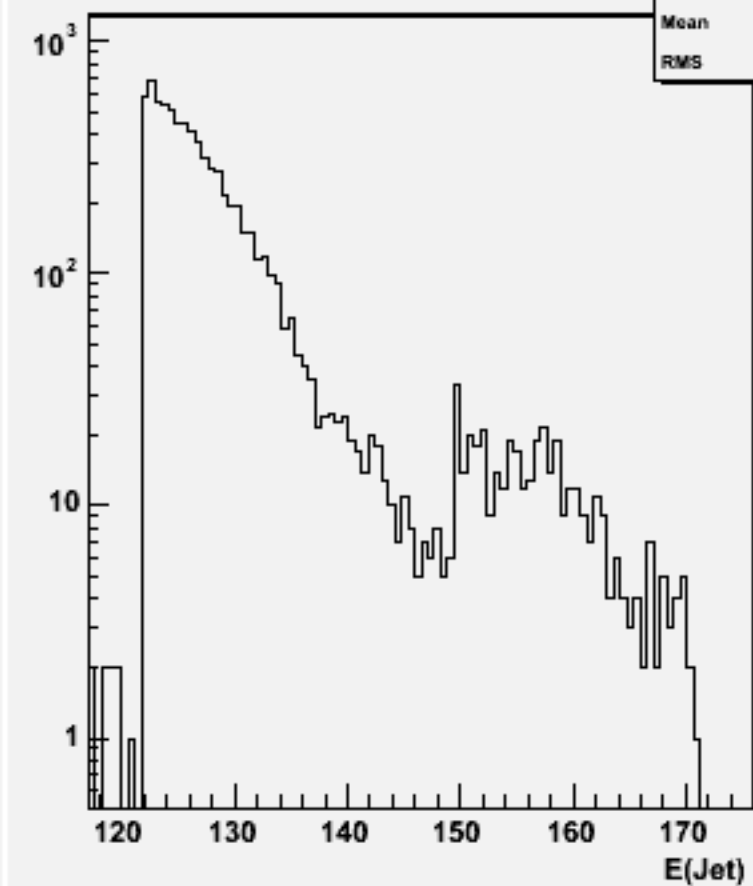
Ycut for 4-jets :w103555 ae1\_n1n3e3e1e1\_o



h\_yc4j

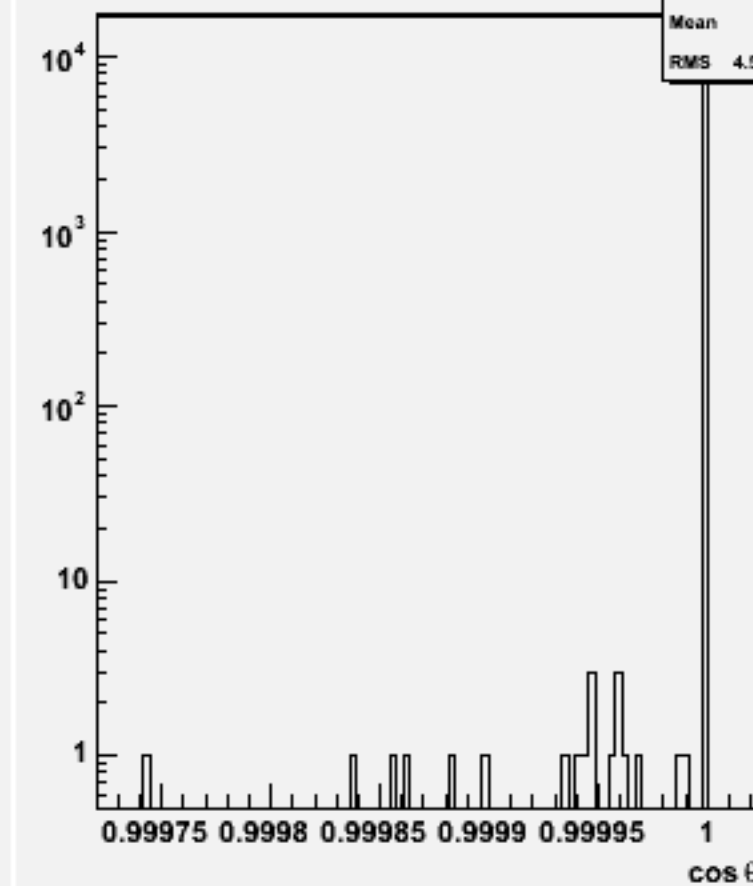
|         |          |
|---------|----------|
| Entries | 7636     |
| Mean    | 0.008646 |
| RMS     | 0.01306  |

Jet energies(All jets)w103555 ae1\_n1n3e3e1e1\_o



ha\_j0e

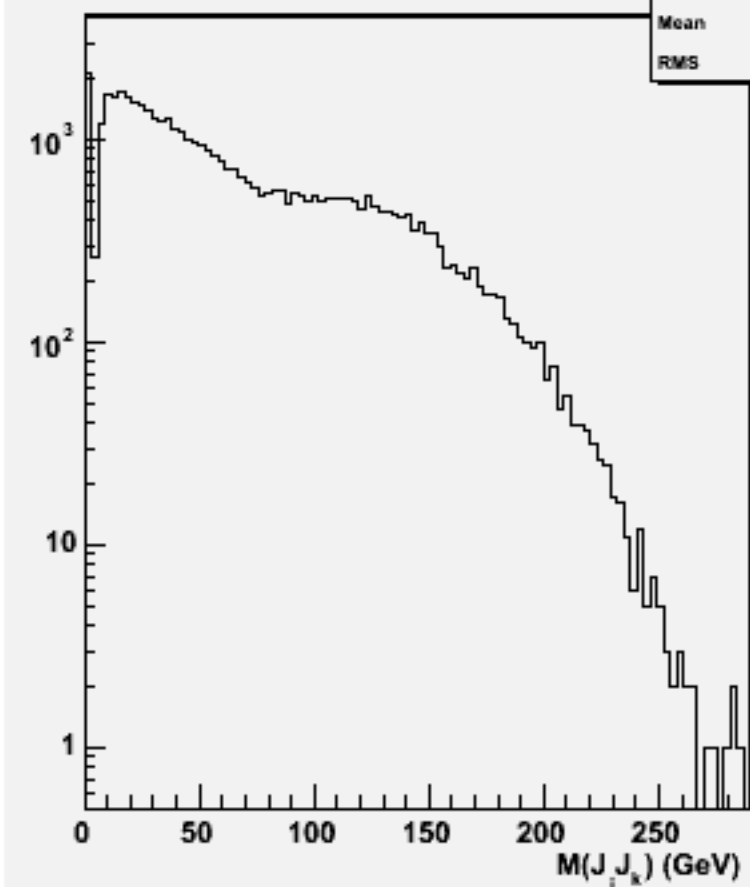
|         |       |
|---------|-------|
| Entries | 30544 |
| Mean    | 128.5 |
| RMS     | 8.106 |

Jet cos  $\theta$  (All jets)w103555 ae1\_n1n3e3e1e1\_o

ha\_j0cs

|         |           |
|---------|-----------|
| Entries | 30544     |
| Mean    | 1         |
| RMS     | 4.566e-06 |

2jets mass(All comb)w103555 ae1\_n1n3e3e1e1\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 45816 |
| Mean    | 65.2  |
| RMS     | 52.21 |