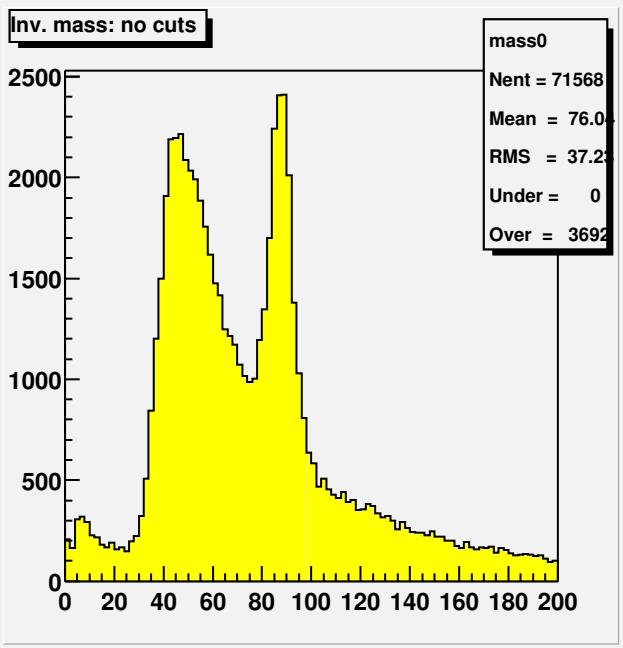
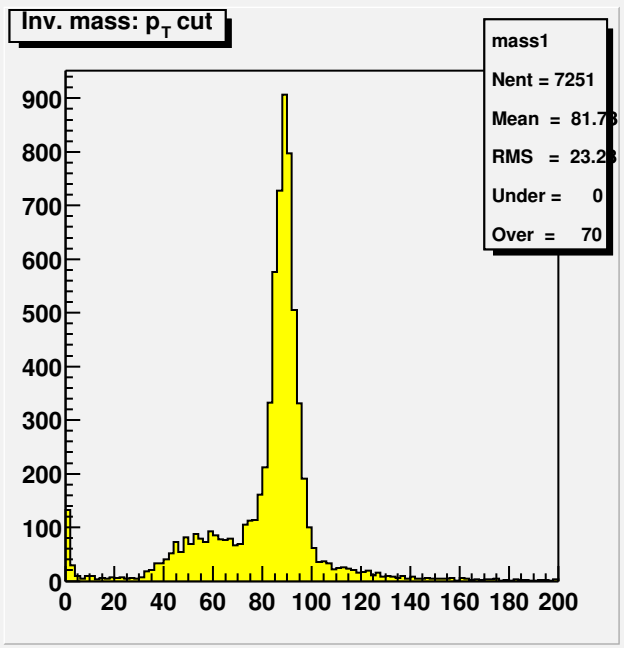
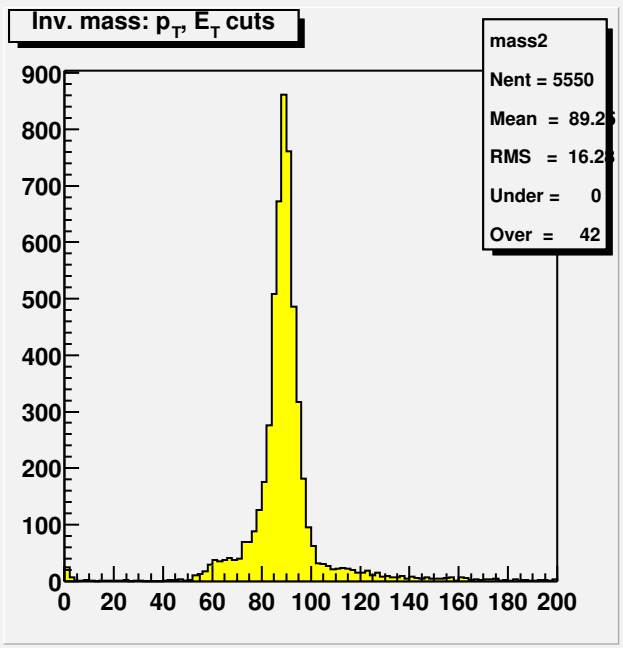
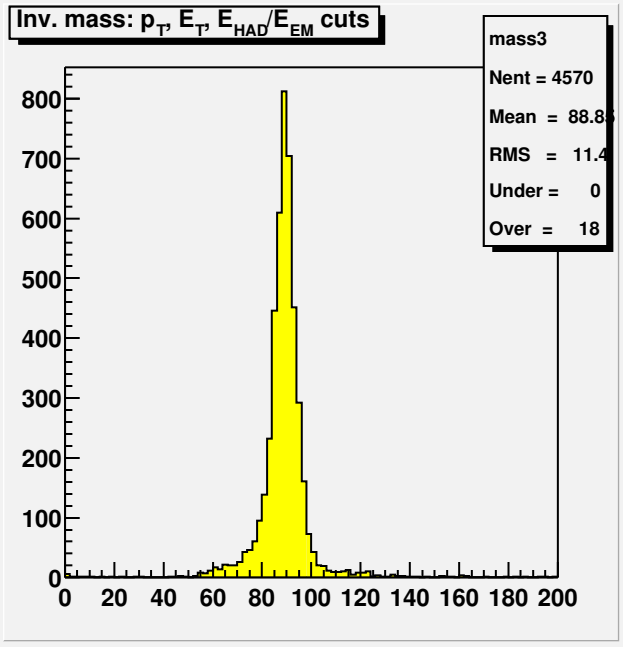
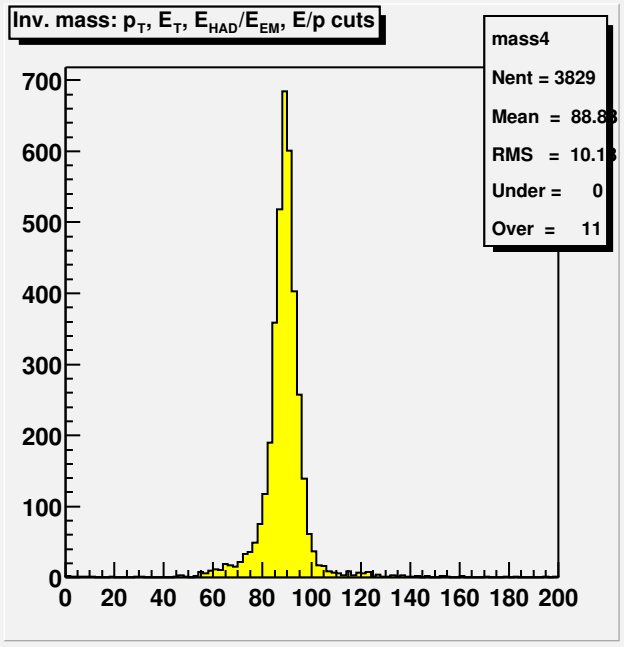
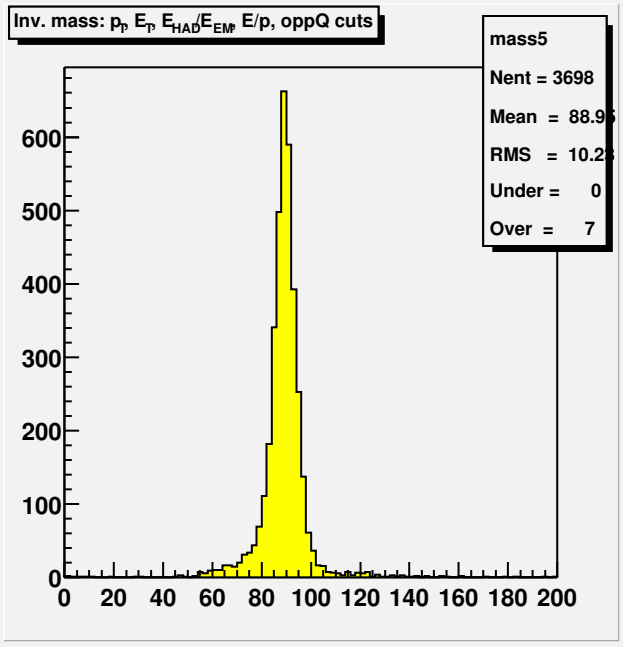

Inv. mass: no cuts
mass0
Nent = 71568
Mean = 76.0
RMS = 37.2
Under = 0
Over = 3692

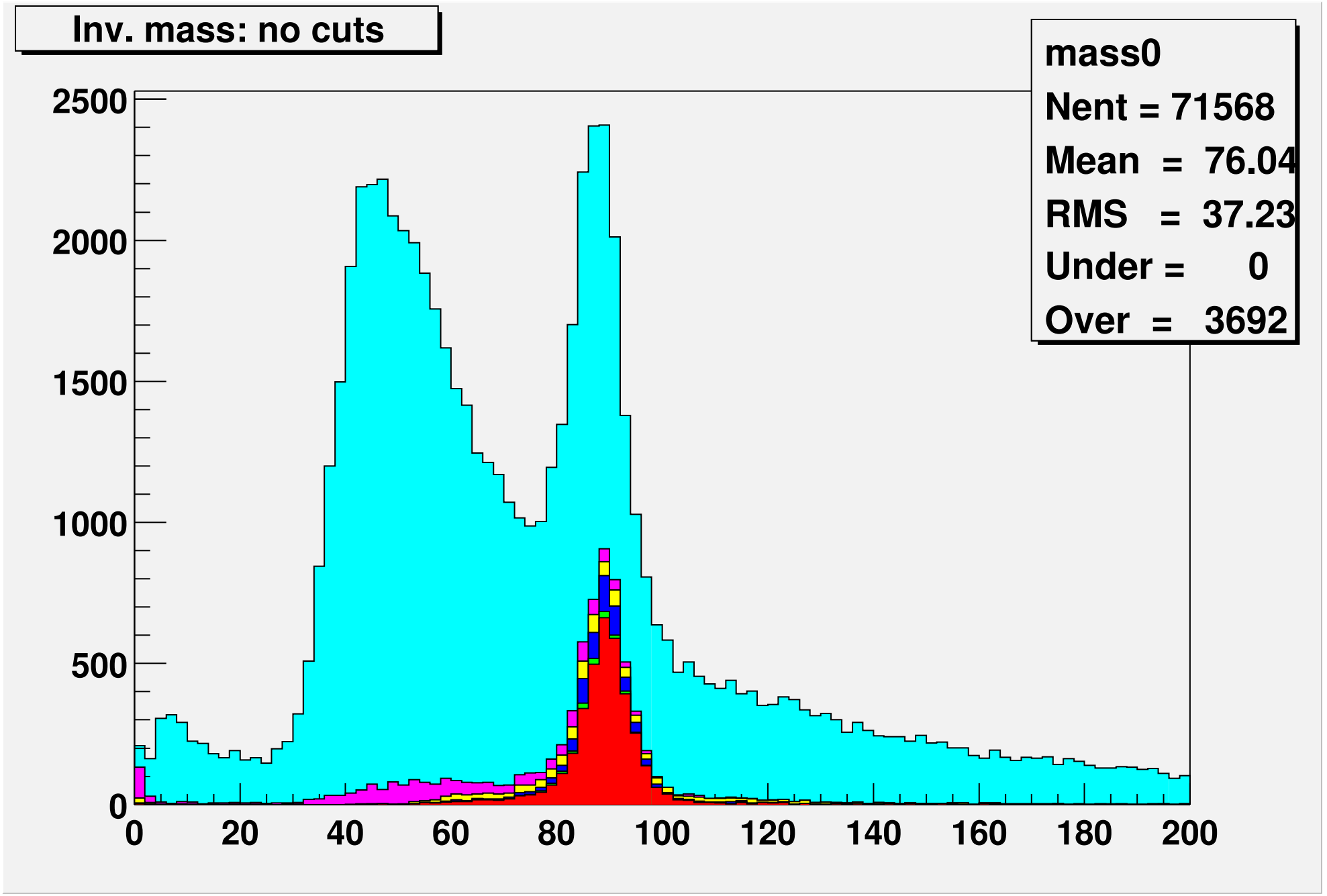

Inv. mass: p_T cut
mass1
Nent = 7251
Mean = 81.7
RMS = 23.2
Under = 0
Over = 70

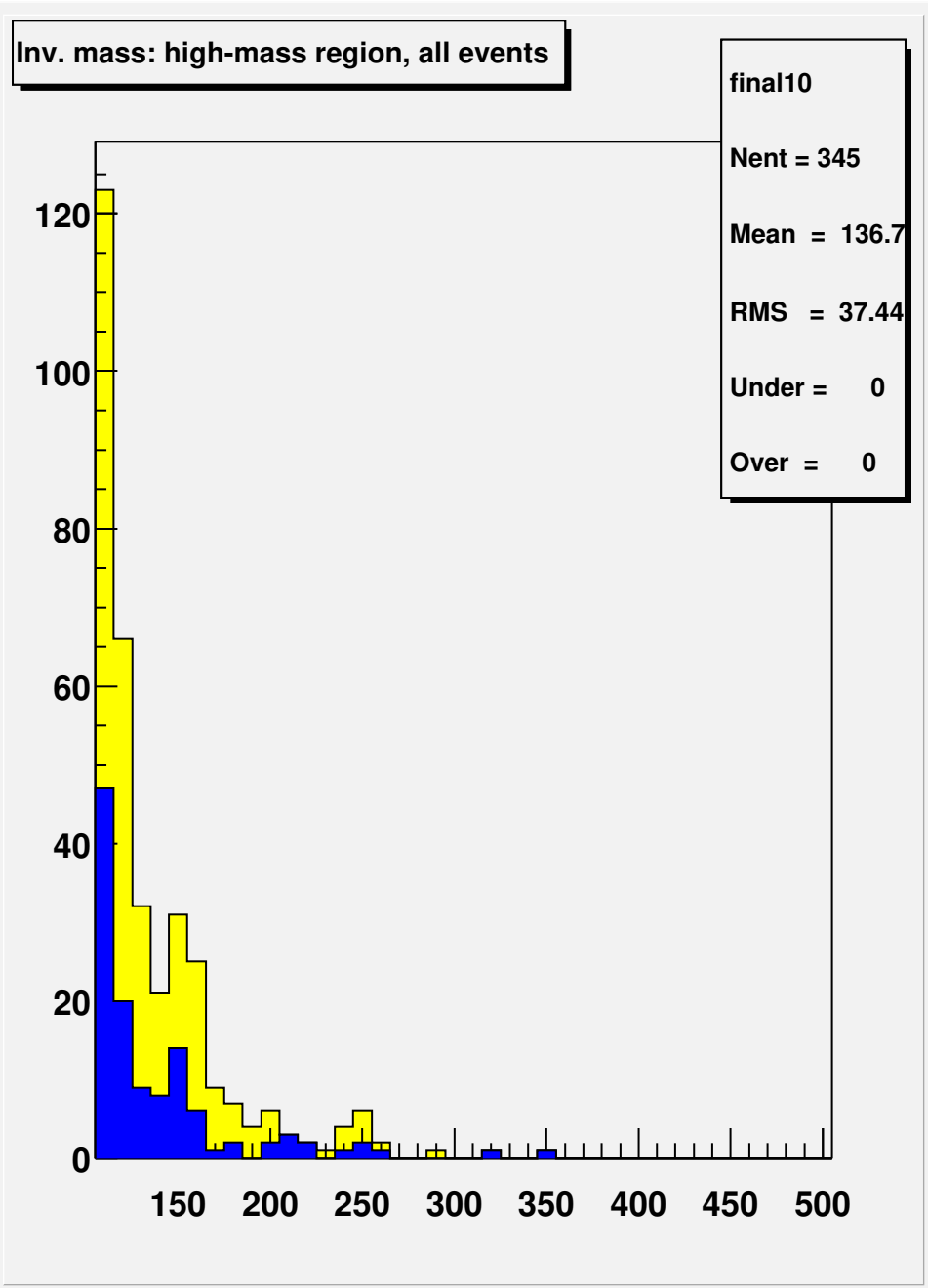

Inv. mass: p_T, E_T cuts
mass2
Nent = 5550
Mean = 89.2
RMS = 16.2
Under = 0
Over = 42

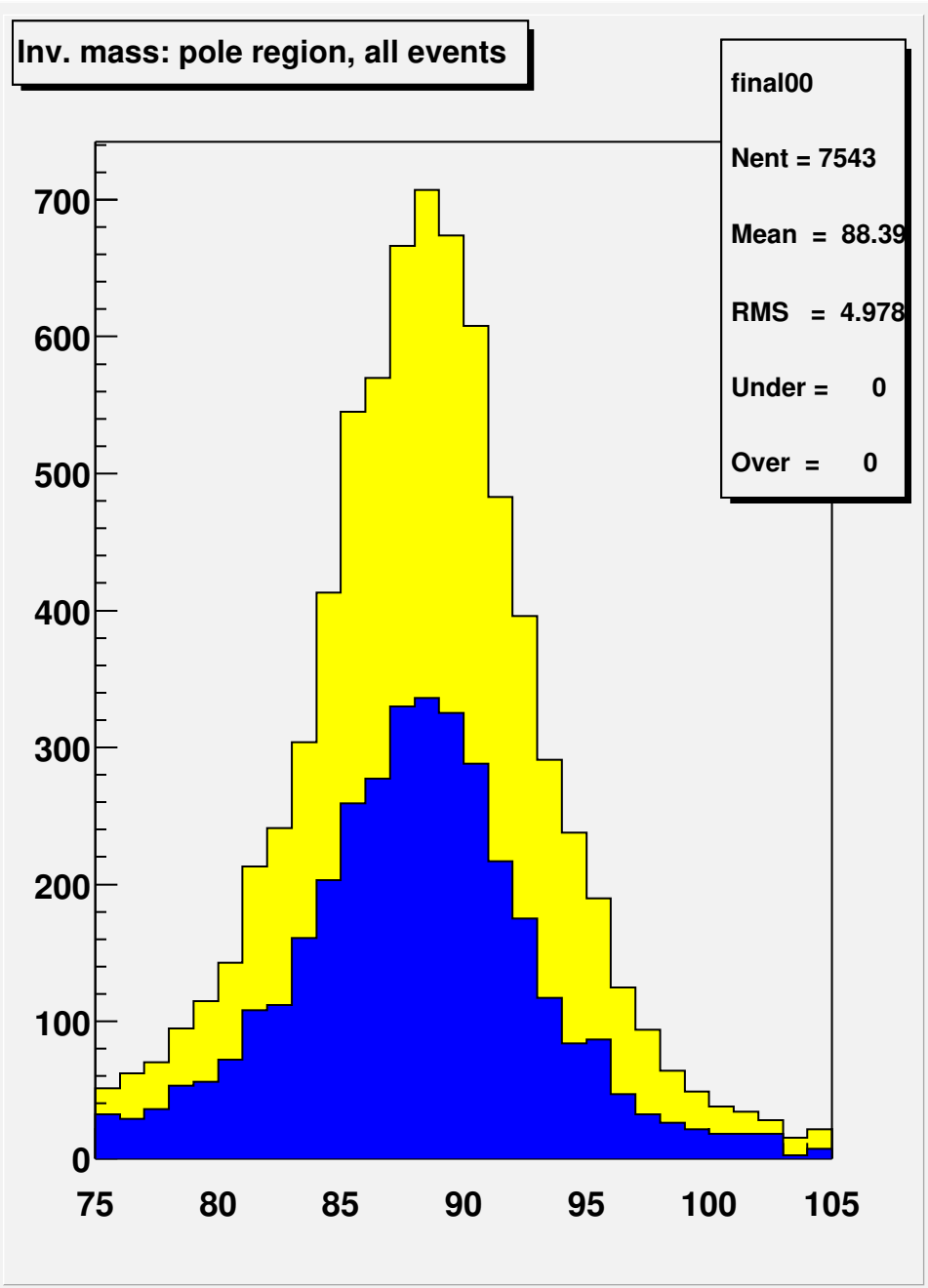

Inv. mass: p_T, E_T, E_{HAD}/E_{EM} cuts
mass3
Nent = 4570
Mean = 88.8
RMS = 11.4
Under = 0
Over = 18

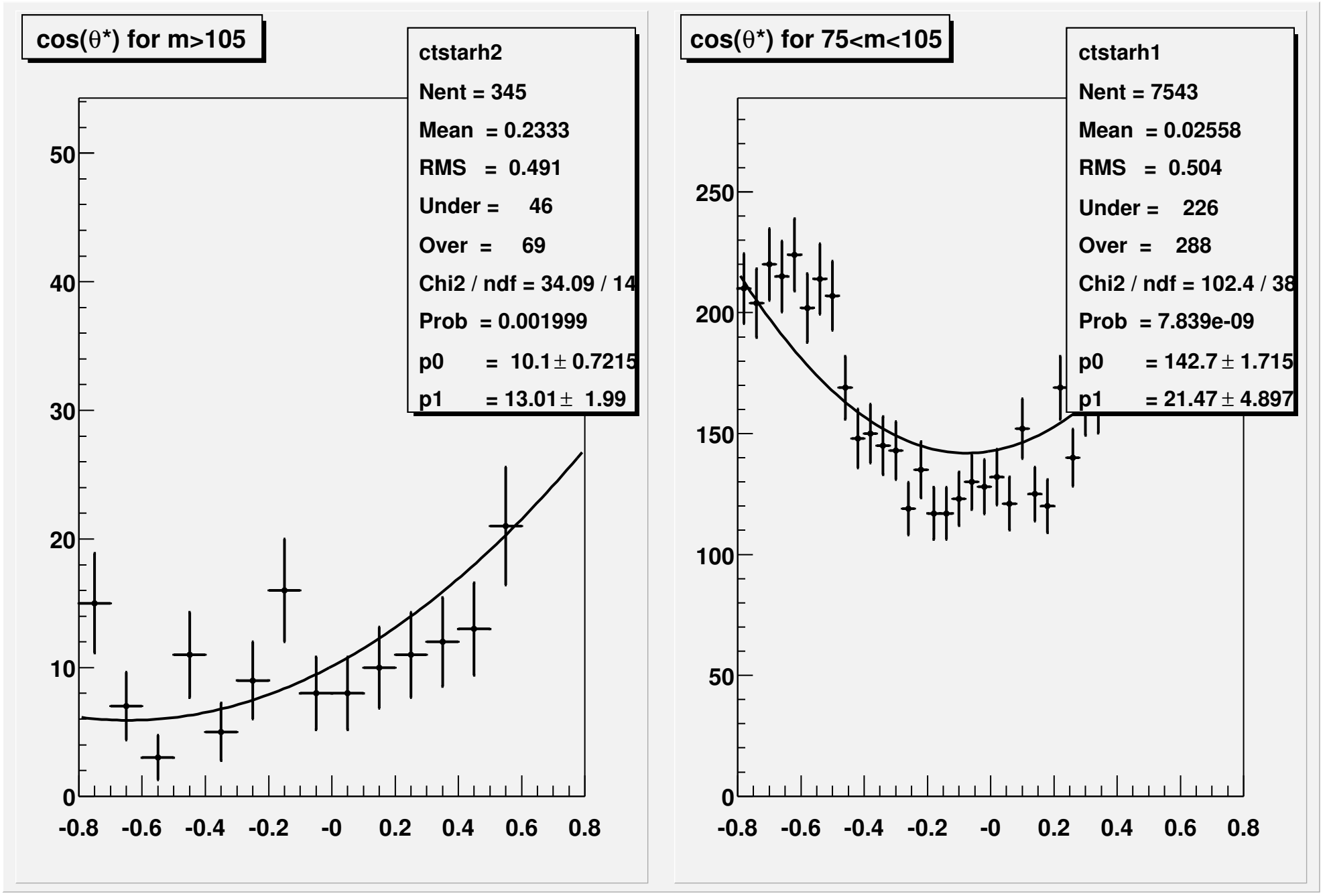

Inv. mass: p_T, E_T, E_{HAD}/E_{EM}, E/p cuts
mass4
Nent = 3829
Mean = 88.8
RMS = 10.1
Under = 0
Over = 11


Inv. mass: p_T, E_T, E_{HAD}/E_{EM}, E/p, oppQ cuts
mass5
Nent = 3698
Mean = 88.9
RMS = 10.2
Under = 0
Over = 7


Inv. mass: no cuts
mass0
Nent = 71568
Mean = 76.04
RMS = 37.23
Under = 0
Over = 3692
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
160
180
200


Inv. mass: high-mass region, all events
final10
Nent = 345
Mean = 136.7
RMS = 37.44
Under = 0
Over = 0
120
100
80
60
40
20
0
150
200
250
300
350
400
450
500


Inv. mass: pole region, all events
final00
Nent = 7543
Mean = 88.39
RMS = 4.978
Under = 0
Over = 0
700
600
500
400
300
200
100
0
75
80
85
90
95
100
105


cos(θ*) for m>105
ctstarh2
Nent = 345
Mean = 0.2333
RMS = 0.491
Under = 46
Over = 69
Chi2 / ndf = 34.09 / 14
Prob = 0.001999
p0 = 10.1 ± 0.7215
p1 = 13.01 ± 1.99
cos(θ*) for 75<m<105
ctstarh1
Nent = 7543
Mean = 0.02558
RMS = 0.504
Under = 226
Over = 288
Chi2 / ndf = 102.4 / 38
Prob = 7.839e-09
p0 = 142.7 ± 1.715
p1 = 21.47 ± 4.897