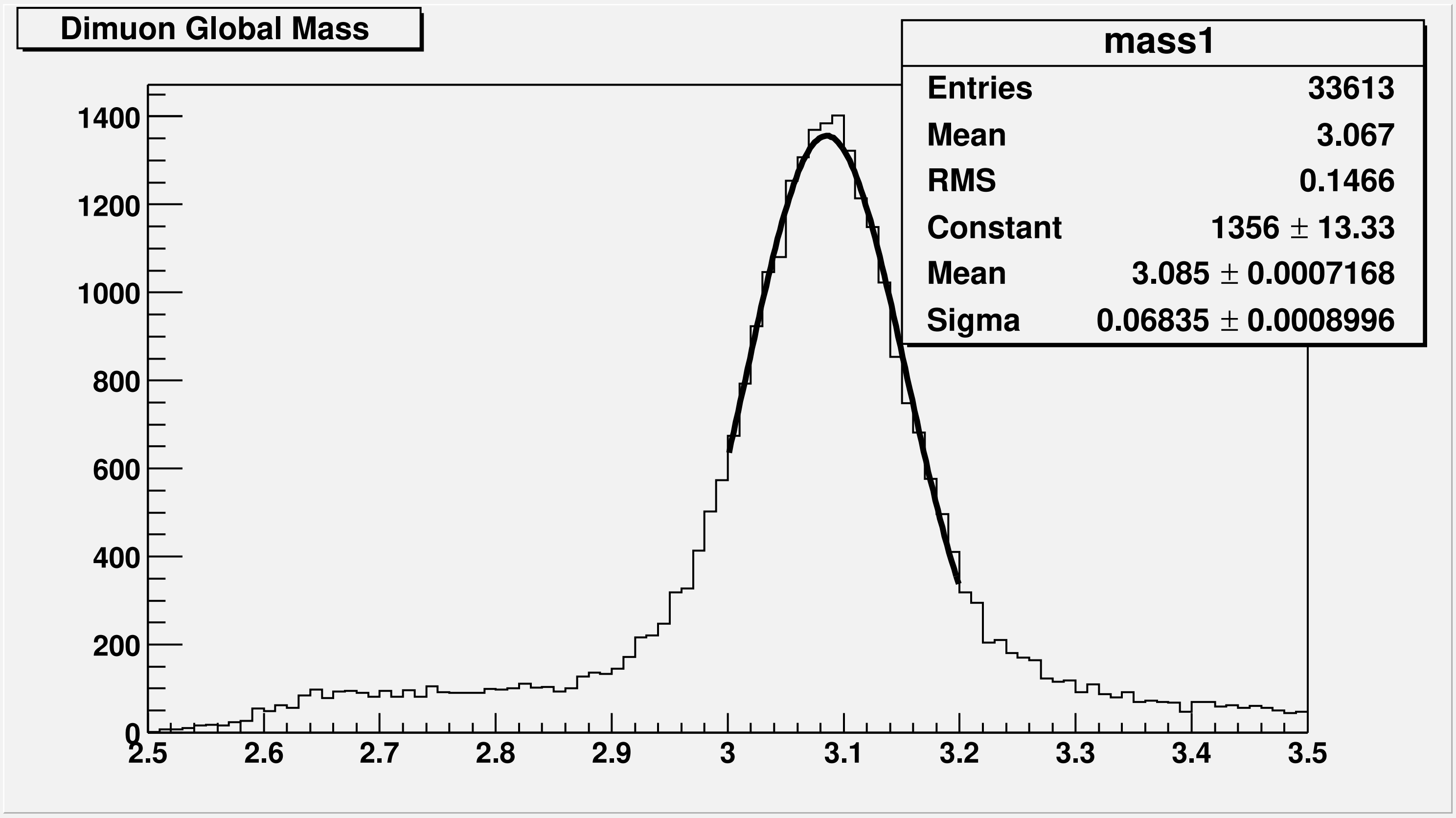
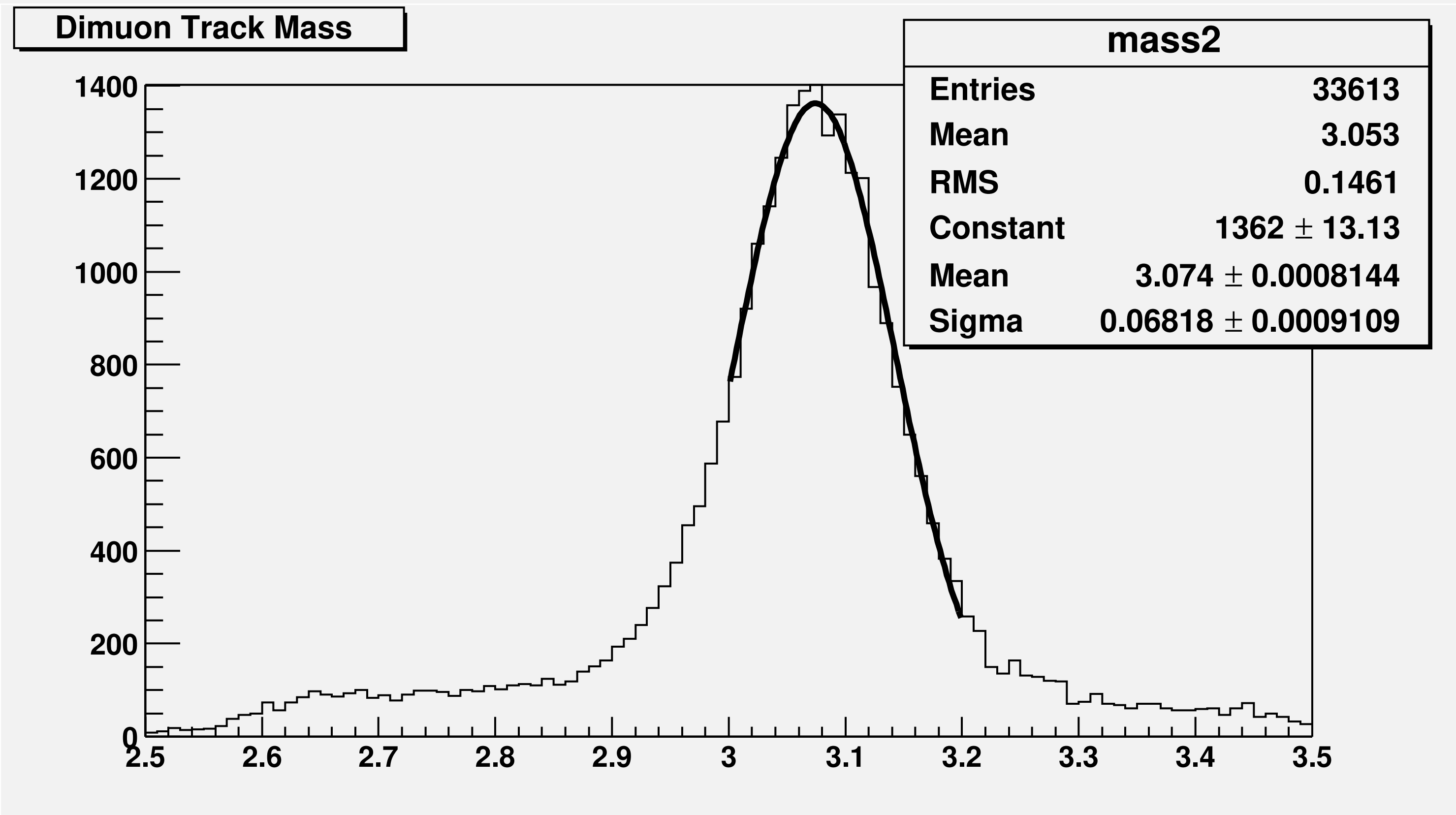
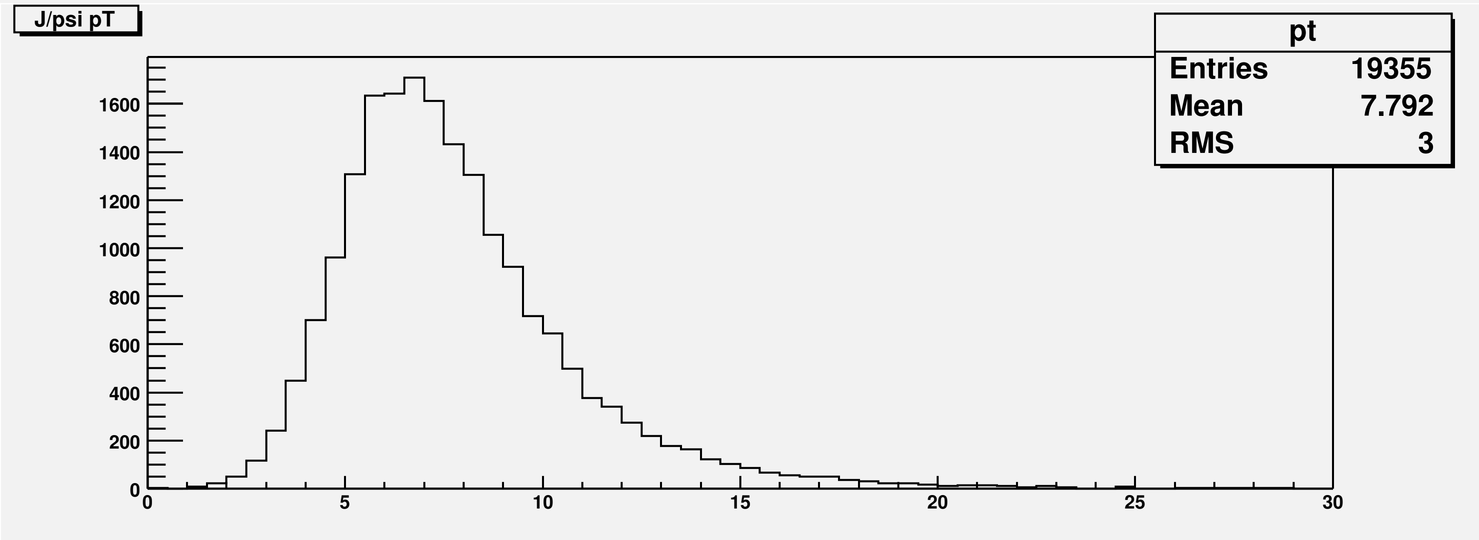
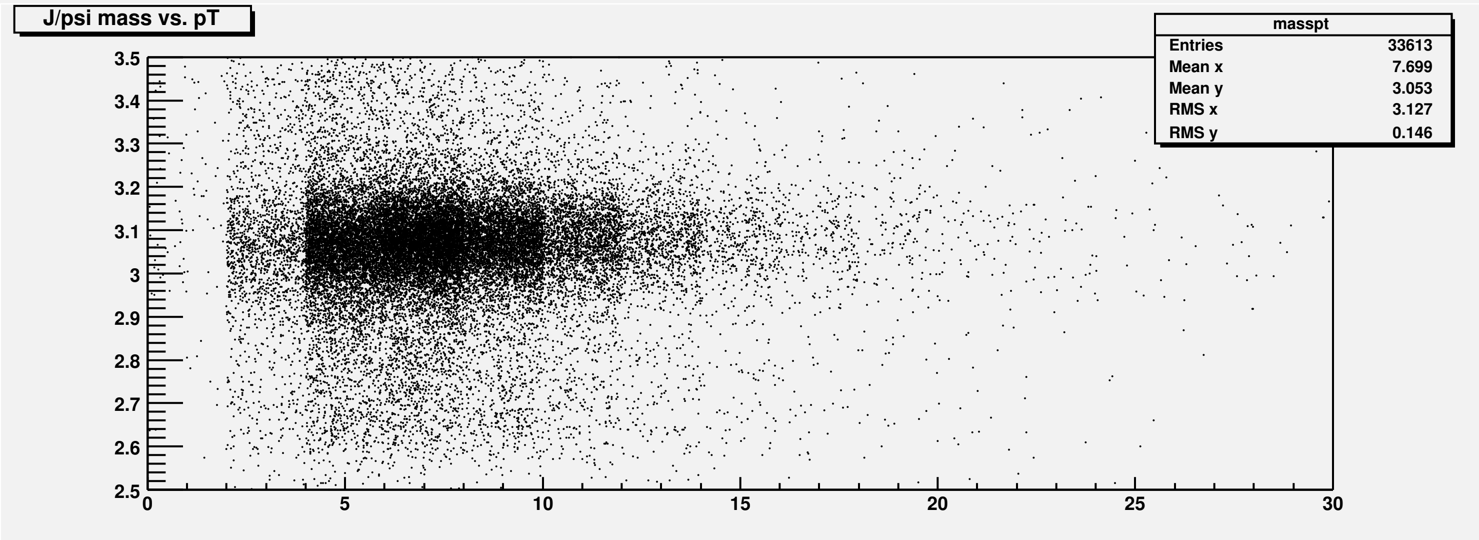
p14.05.00

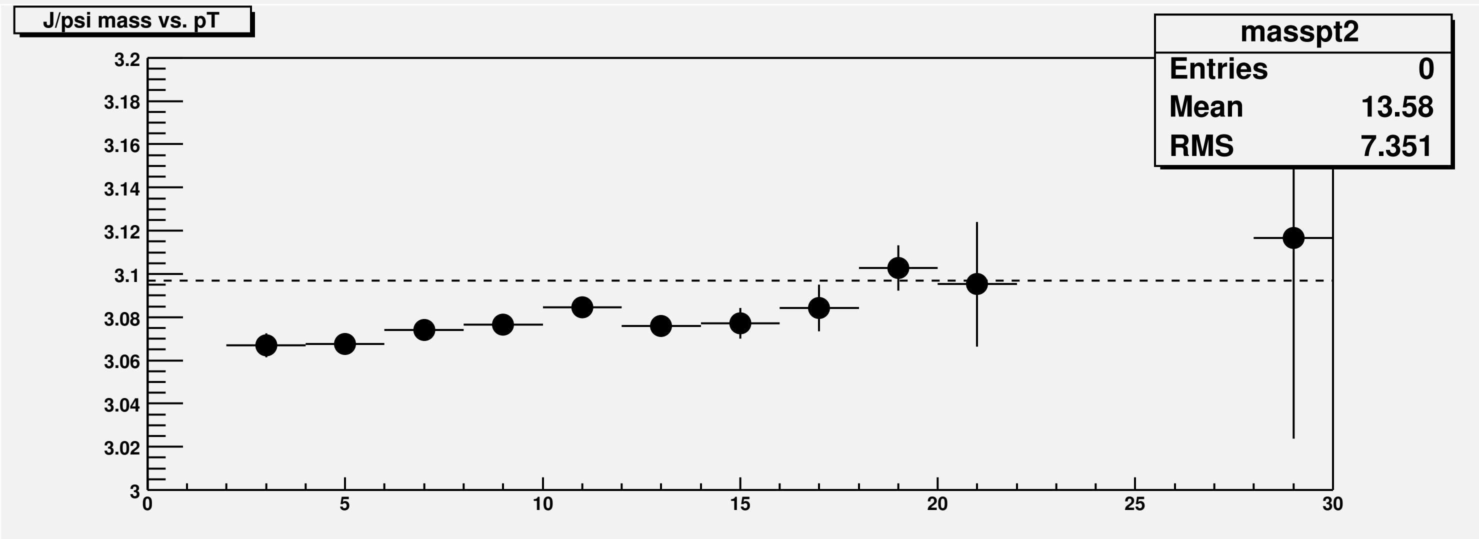

Dimuon Global Mass
mass1
Entries 33613
Mean 3.067
RMS 0.1466
Constant 1356 ± 13.33
Mean 3.085 ± 0.0007168
Sigma 0.06835 ± 0.0008996
0
200
400
600
800
1000
1200
1400
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5


Dimuon Track Mass
mass2
Entries 33613
Mean 3.053
RMS 0.1461
Constant 1362 ± 13.13
Mean 3.074 ± 0.0008144
Sigma 0.06818 ± 0.0009109
0
200
400
600
800
1000
1200
1400
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5

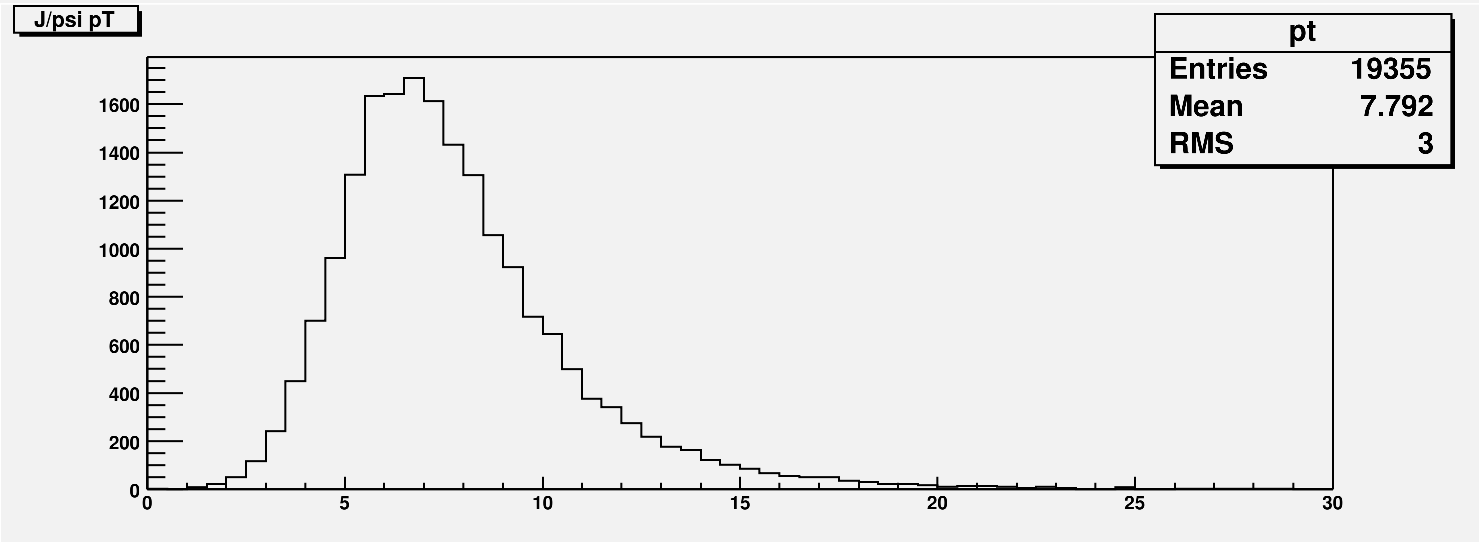
p14.05.00

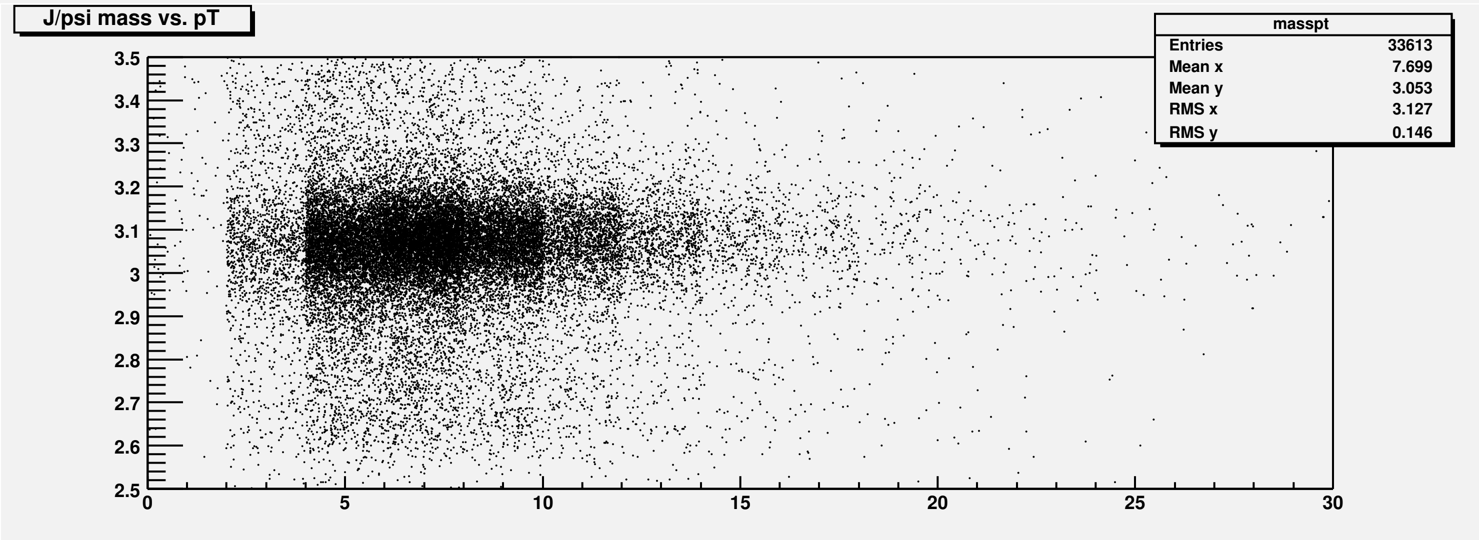

J/psi pT
pt
Entries 19355
Mean 7.792
RMS 3
0
200
400
600
800
1000
1200
1400
1600
0
5
10
15
20
25
30

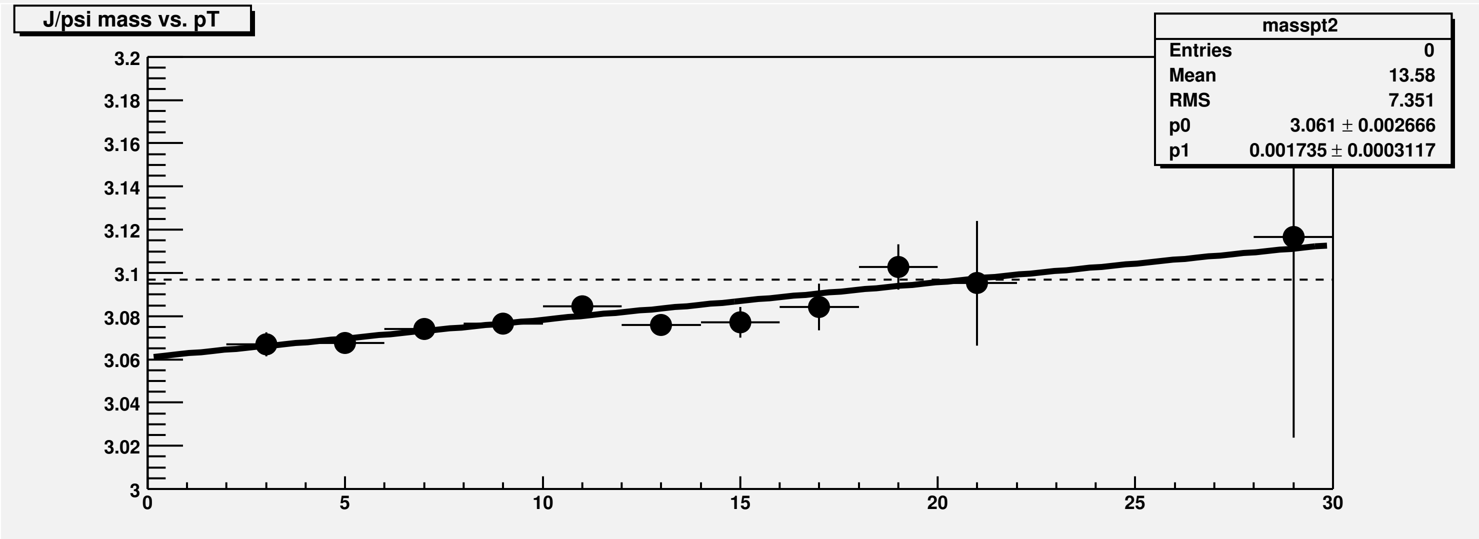

J/psi mass vs. pT
masspt
Entries 33613
Mean x 7.699
Mean y 3.053
RMS x 3.127
RMS y 0.146
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
0
5
10
15
20
25
30


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.58
RMS 7.351
3
3.02
3.04
3.06
3.08
3.1
3.12
3.14
3.16
3.18
3.2
0
5
10
15
20
25
30

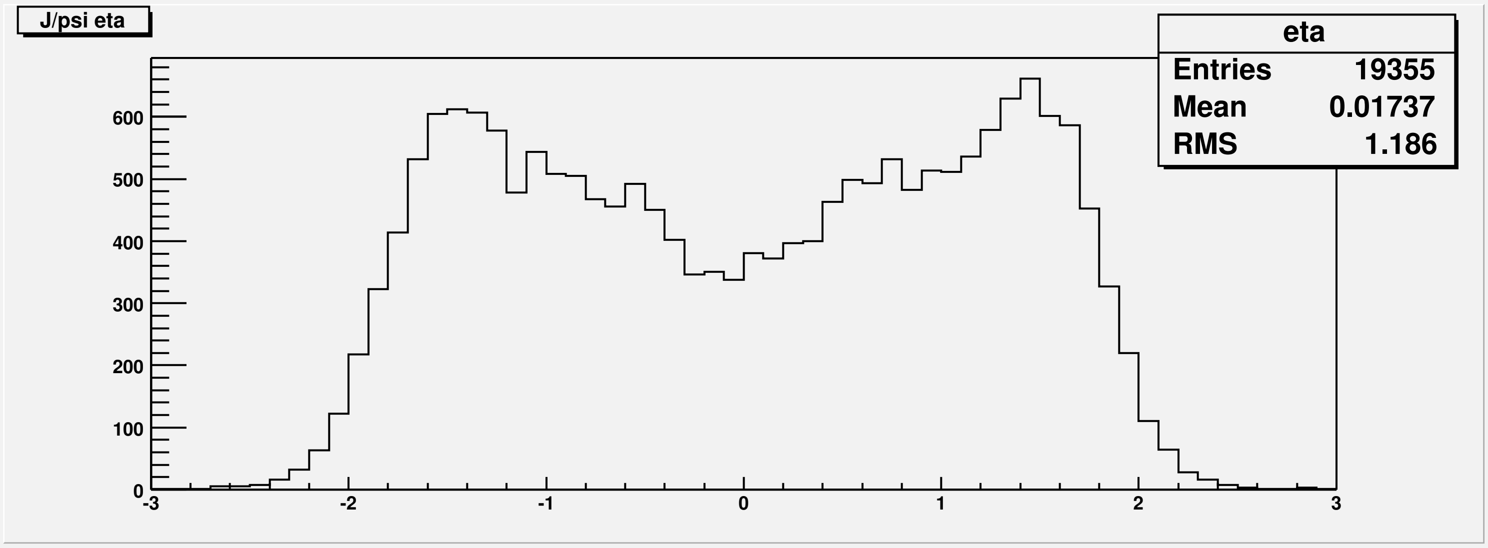
p14.05.00

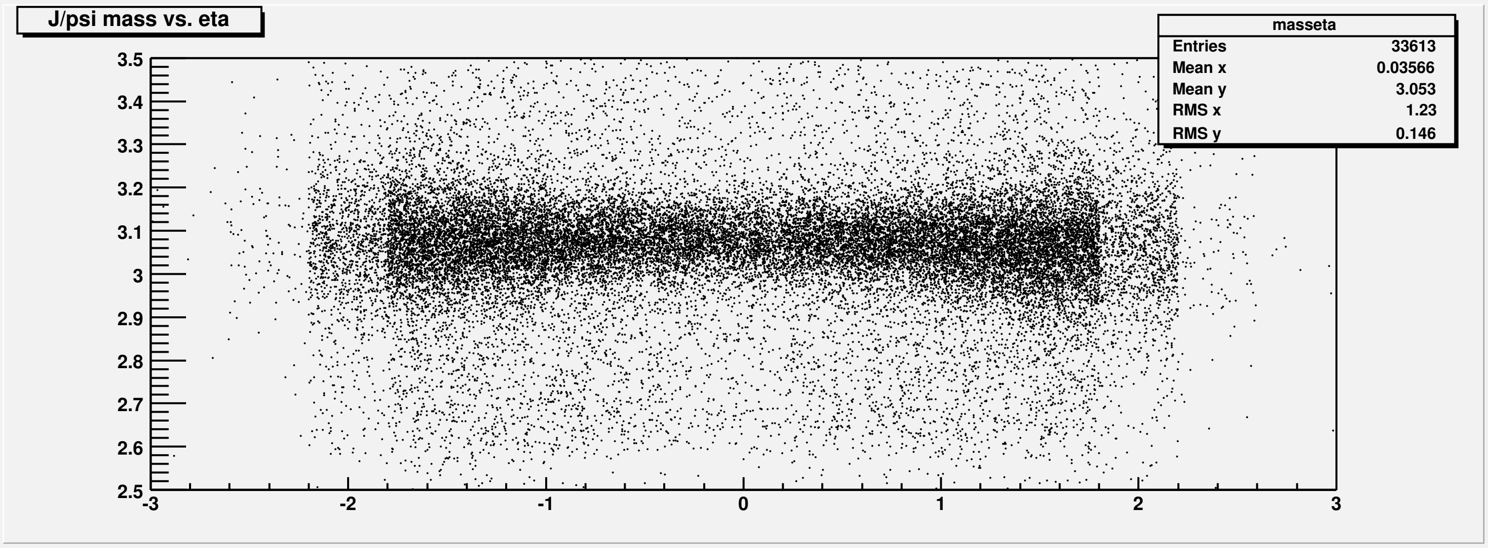

J/psi pT
pt
Entries 19355
Mean 7.792
RMS 3

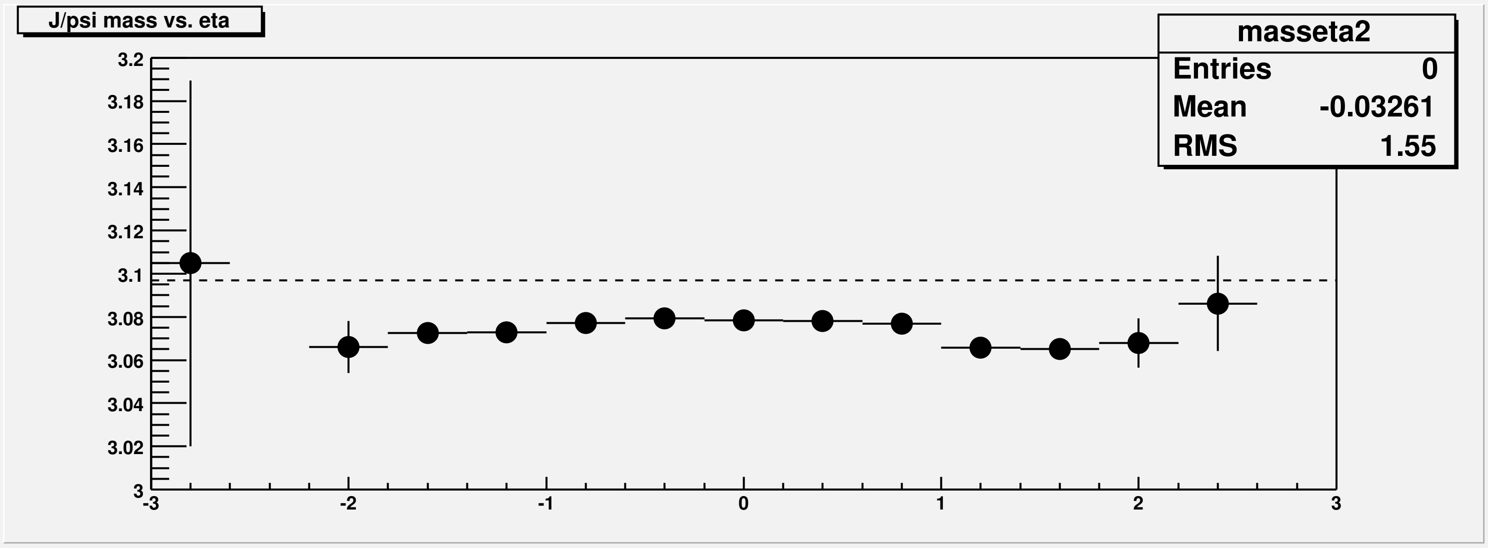

J/psi mass vs. pT
masspt
Entries 33613
Mean x 7.699
Mean y 3.053
RMS x 3.127
RMS y 0.146


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.58
RMS 7.351
p0 3.061 ± 0.002666
p1 0.001735 ± 0.0003117

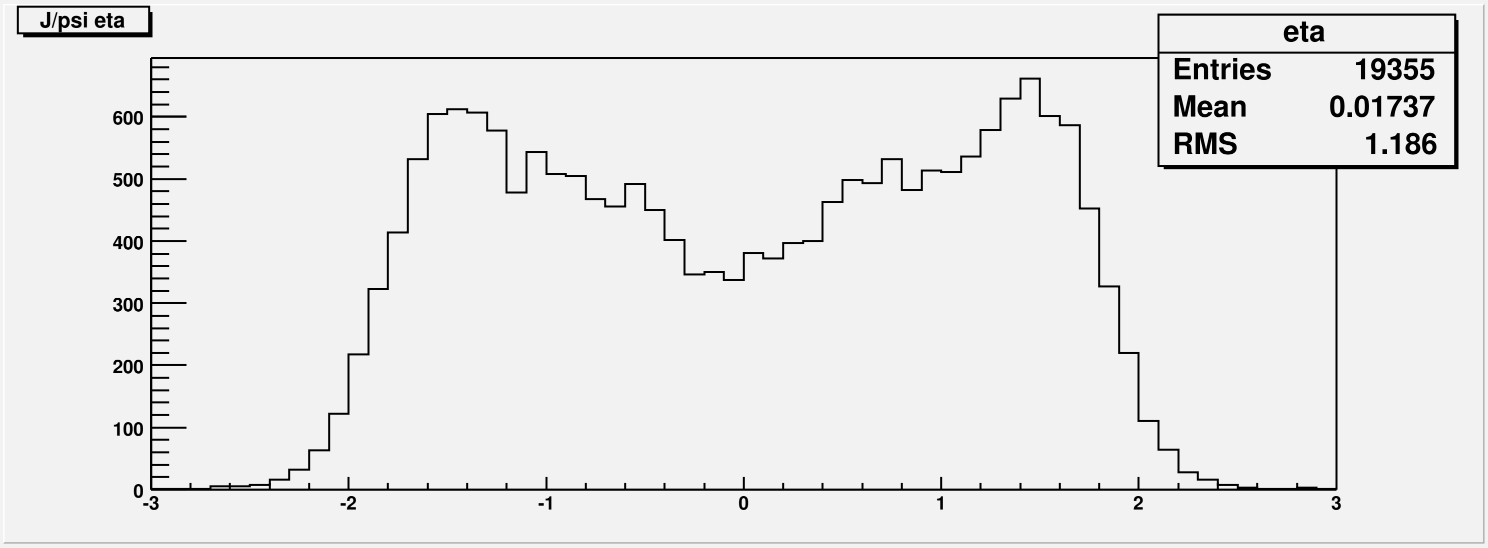
p14.05.00

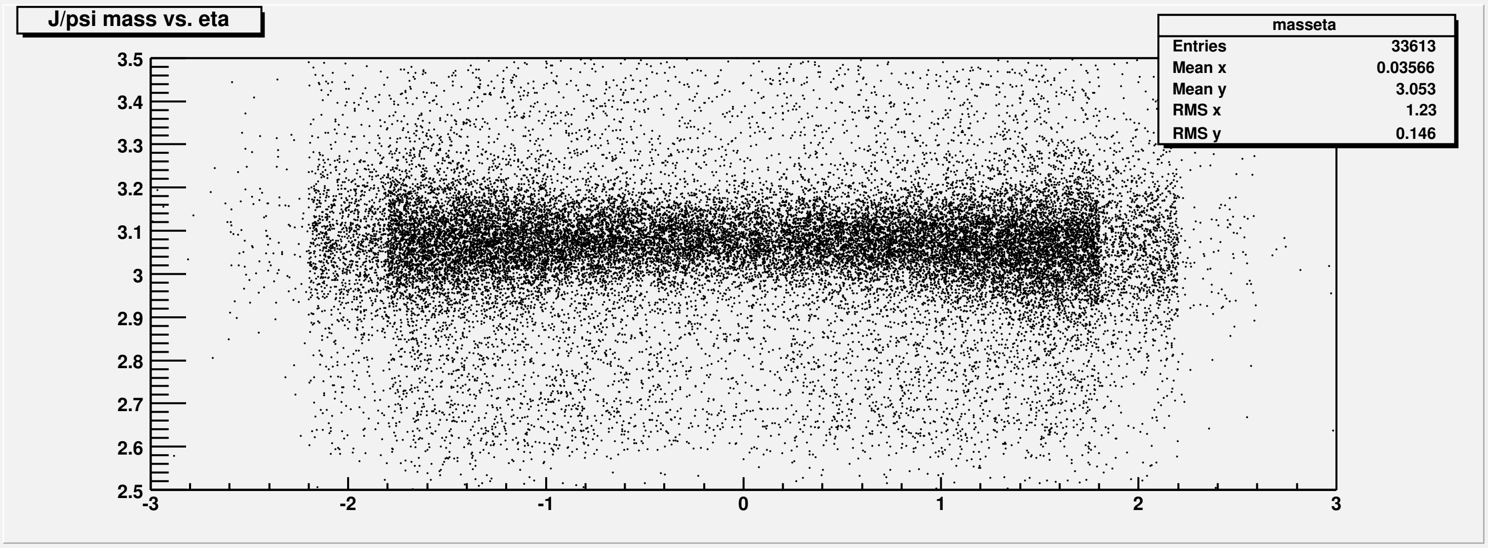

J/psi eta
eta
Entries 19355
Mean 0.01737
RMS 1.186

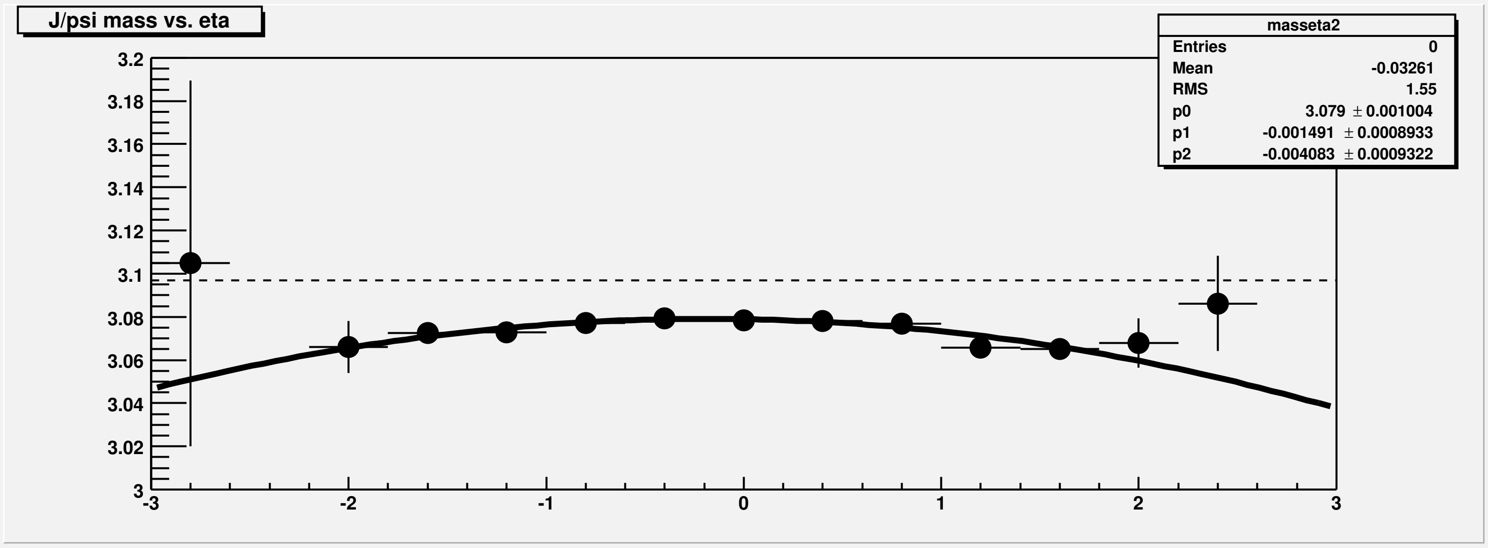

J/psi mass vs. eta
masseta
Entries 33613
Mean x 0.03566
Mean y 3.053
RMS x 1.23
RMS y 0.146


J/psi mass vs. eta
masseta2
Entries 0
Mean -0.03261
RMS 1.55

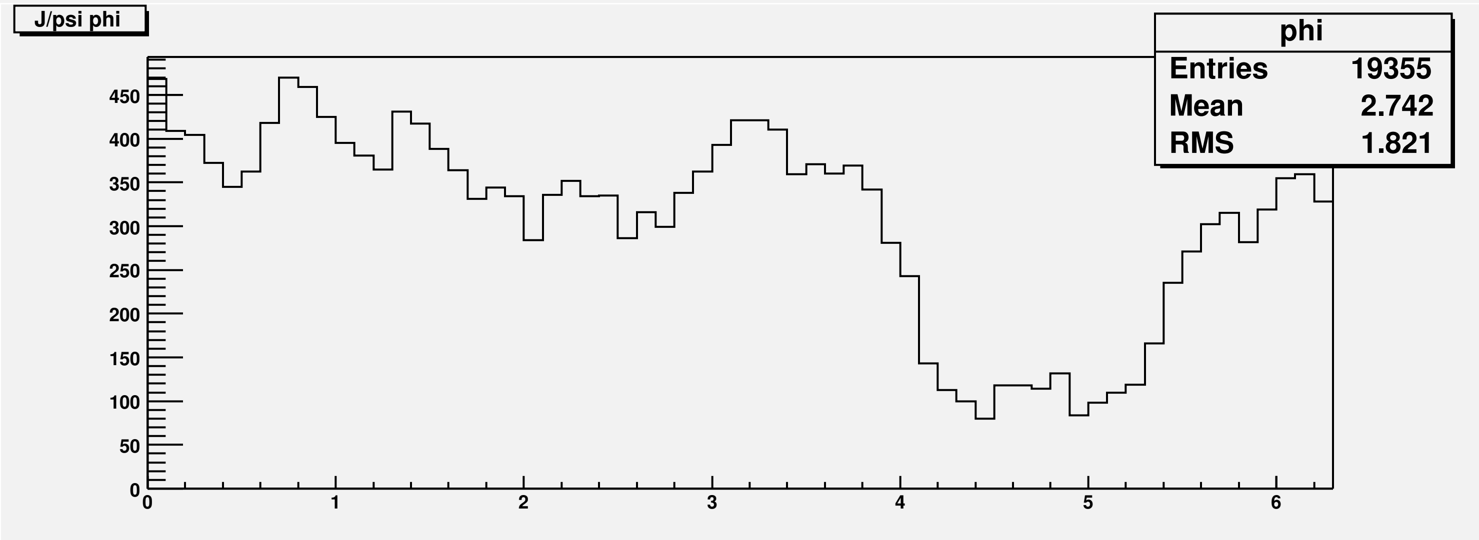
p14.05.00

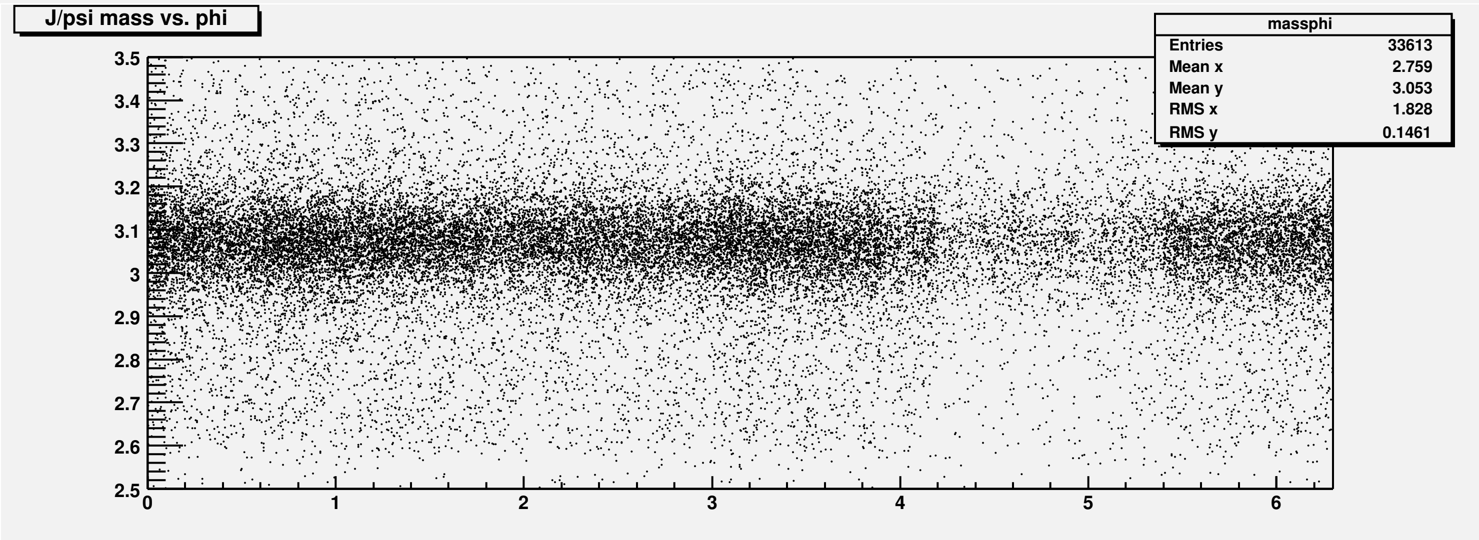

J/psi eta
eta
Entries 19355
Mean 0.01737
RMS 1.186
0
100
200
300
400
500
600
-3
-2
-1
0
1
2
3

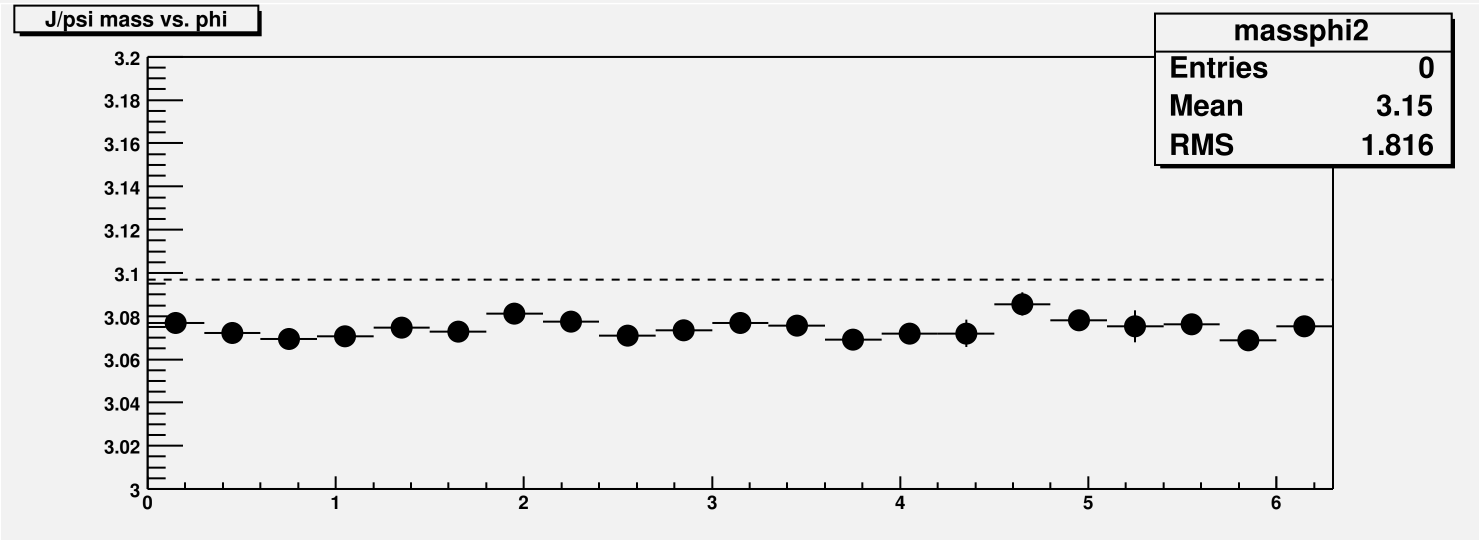

J/psi mass vs. eta
masseta
Entries 33613
Mean x 0.03566
Mean y 3.053
RMS x 1.23
RMS y 0.146
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
-3
-2
-1
0
1
2
3


J/psi mass vs. eta
masseta2
Entries 0
Mean -0.03261
RMS 1.55
p0 3.079 ± 0.001004
p1 -0.001491 ± 0.0008933
p2 -0.004083 ± 0.0009322
3
3.02
3.04
3.06
3.08
3.1
3.12
3.14
3.16
3.18
3.2
-3
-2
-1
0
1
2
3

p14.05.00


J/psi phi
phi
Entries 19355
Mean 2.742
RMS 1.821
0 50 100 150 200 250 300 350 400 450
0 1 2 3 4 5 6


J/psi mass vs. phi
massphi
Entries 33613
Mean x 2.759
Mean y 3.053
RMS x 1.828
RMS y 0.1461
2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5
0 1 2 3 4 5 6


J/psi mass vs. phi
massphi2
Entries 0
Mean 3.15
RMS 1.816
3 3.02 3.04 3.06 3.08 3.1 3.12 3.14 3.16 3.18 3.2
0 1 2 3 4 5 6