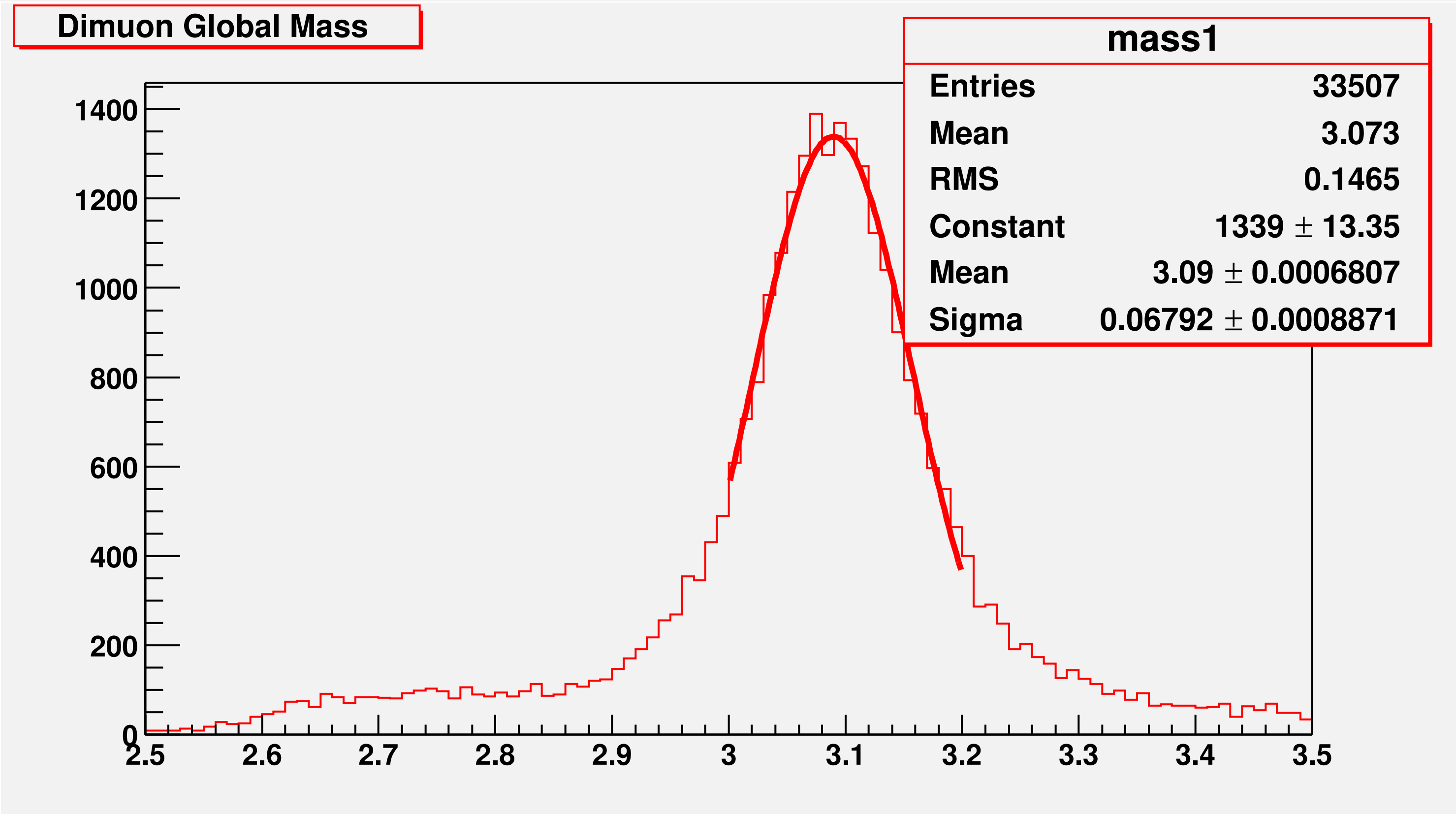
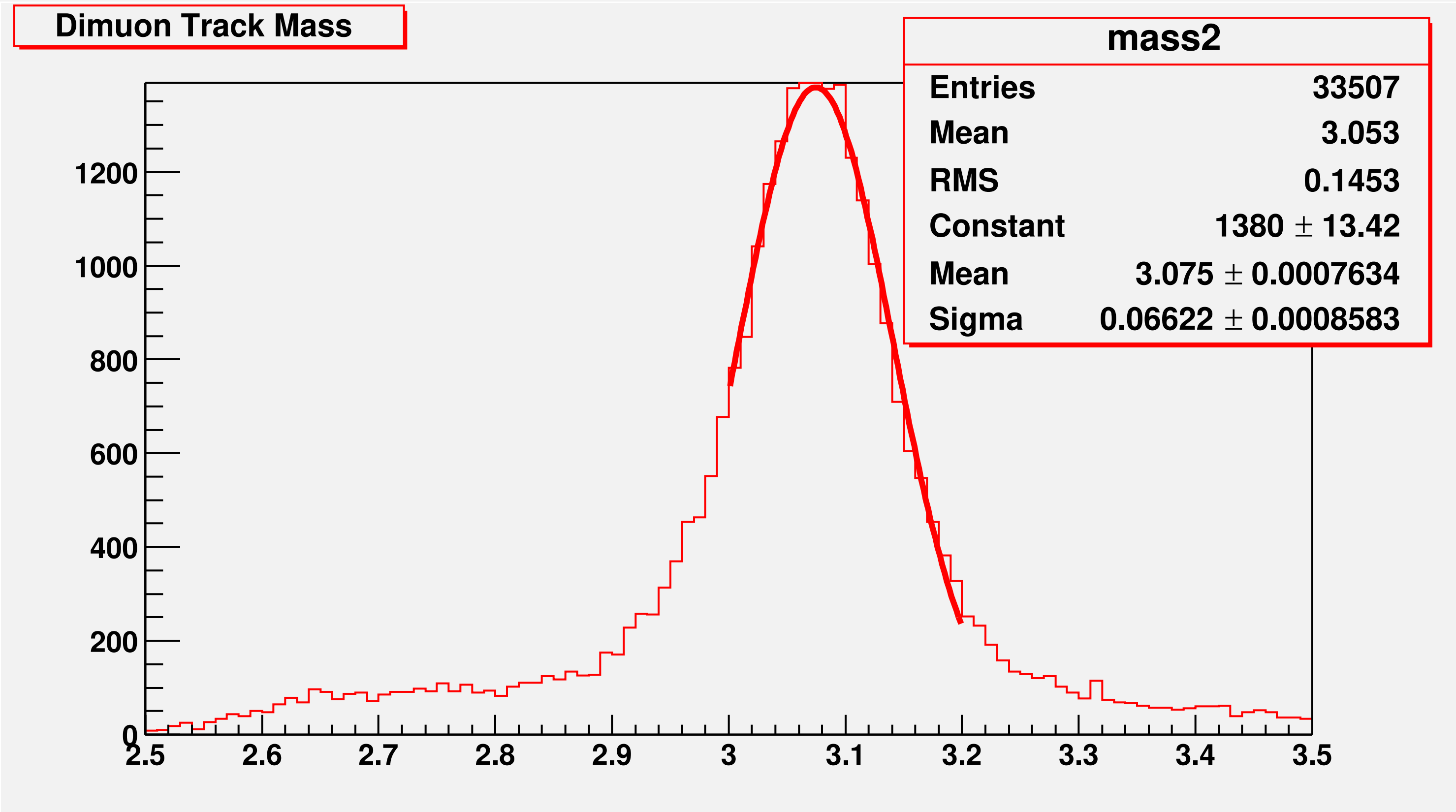
p14.05.00a

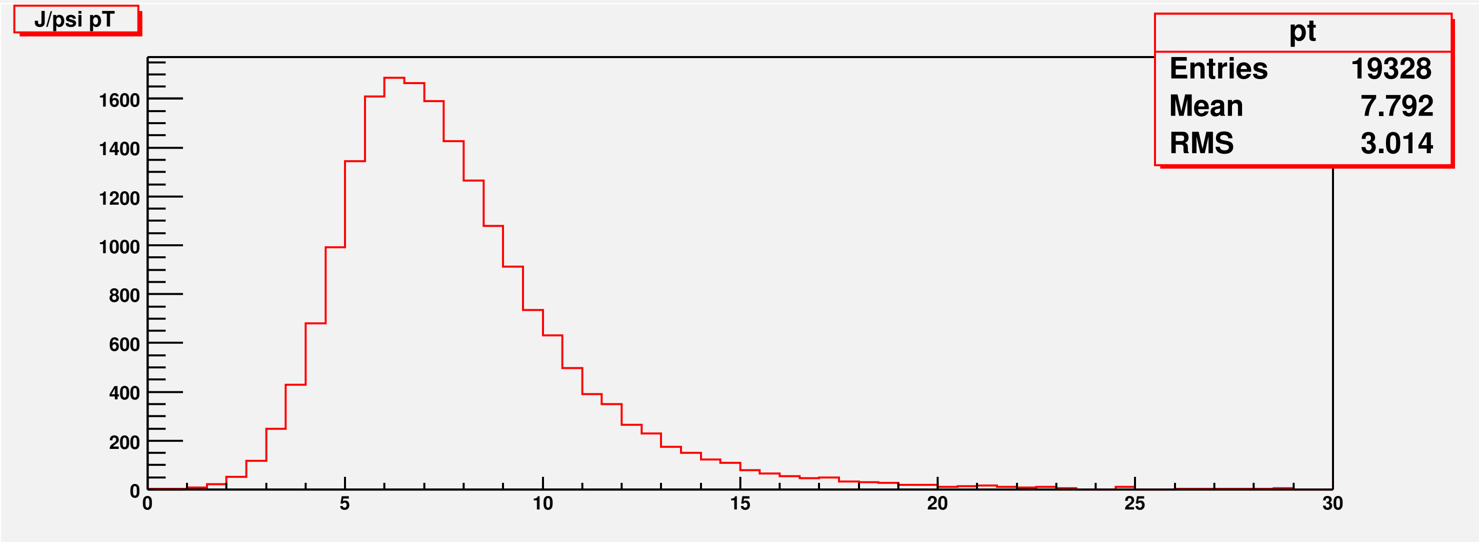


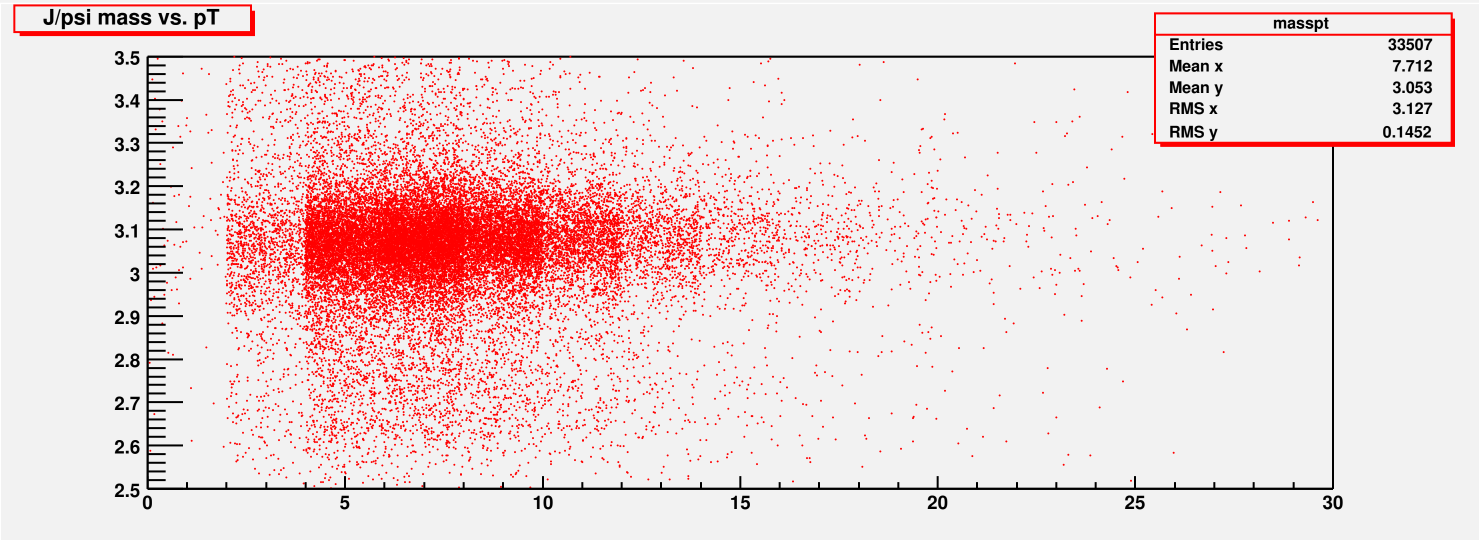
Dimuon Global Mass
mass1
Entries 33507
Mean 3.073
RMS 0.1465
Constant 1339 ± 13.35
Mean 3.09 ± 0.0006807
Sigma 0.06792 ± 0.0008871
1400
1200
1000
800
600
400
200
0
2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5

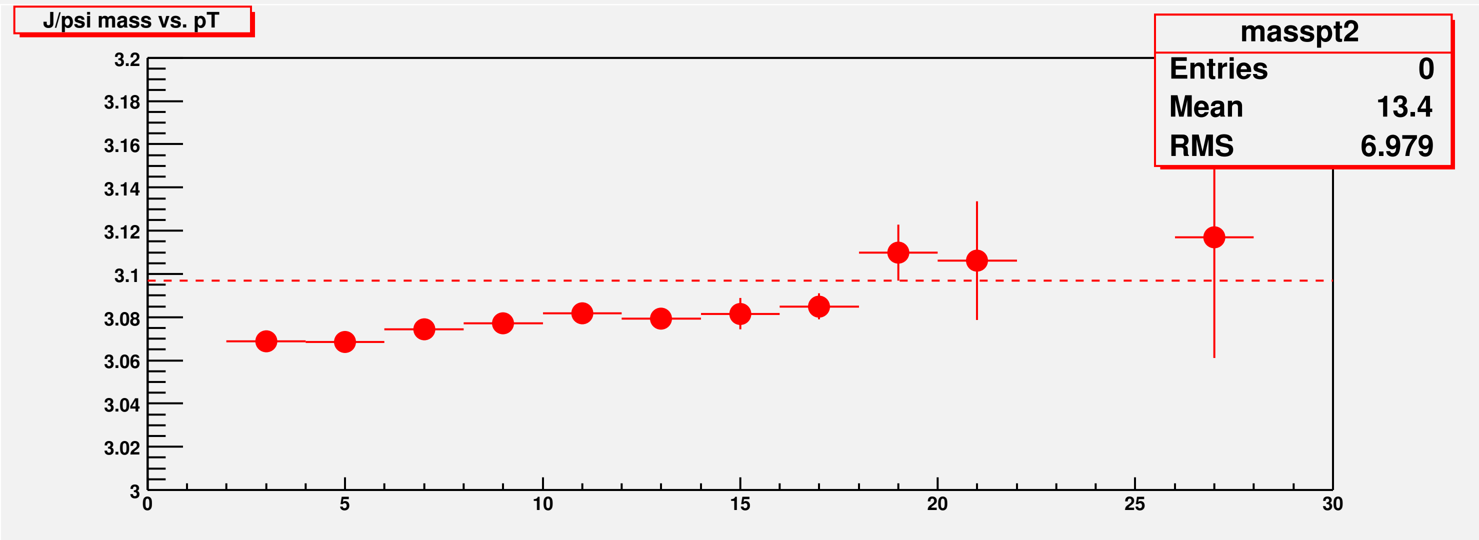


Dimuon Track Mass
mass2
Entries 33507
Mean 3.053
RMS 0.1453
Constant 1380 ± 13.42
Mean 3.075 ± 0.0007634
Sigma 0.06622 ± 0.0008583
1200
1000
800
600
400
200
0
2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5

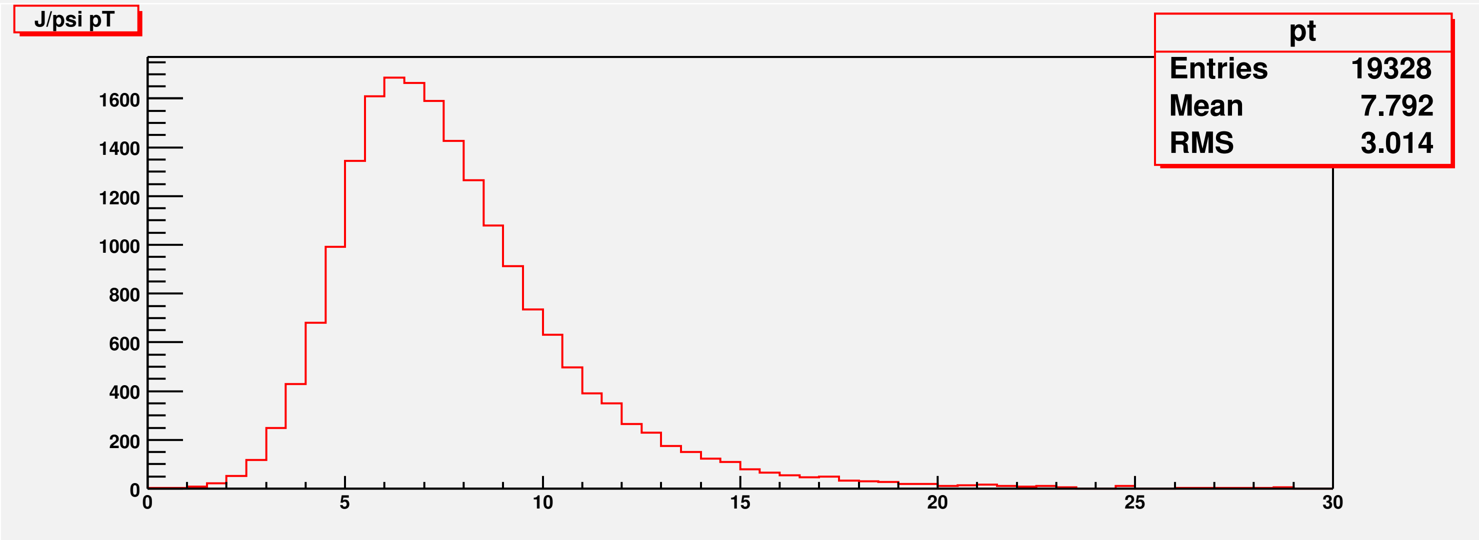
p14.05.00a

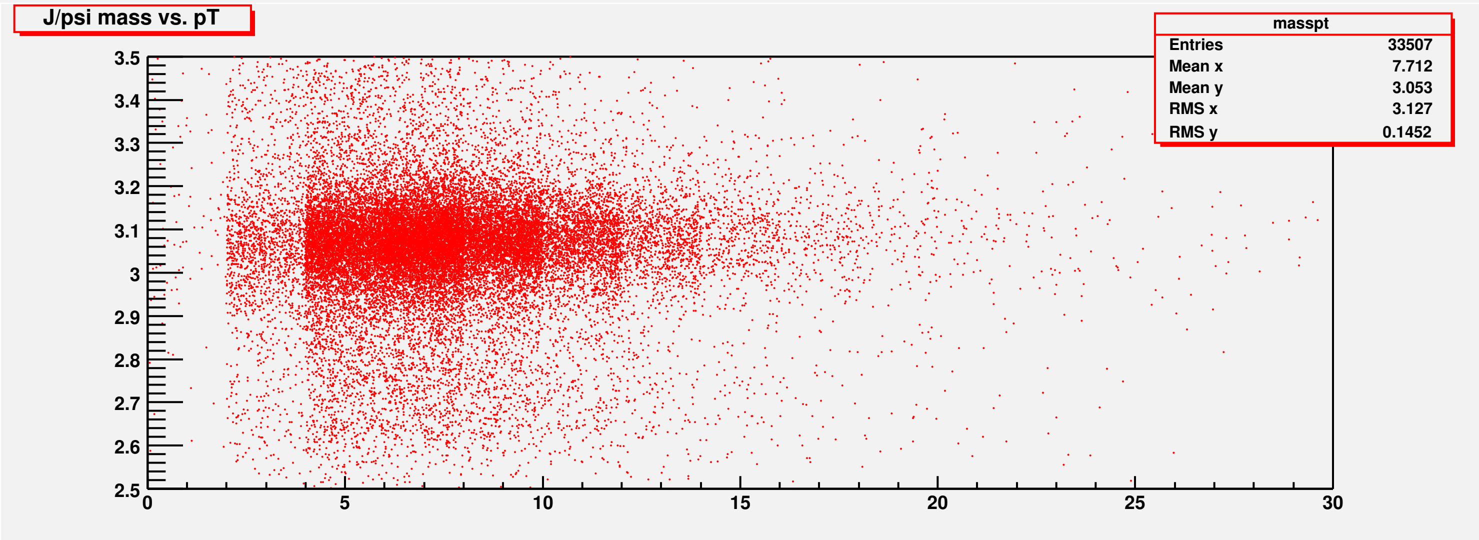

J/psi pT
pt
Entries 19328
Mean 7.792
RMS 3.014

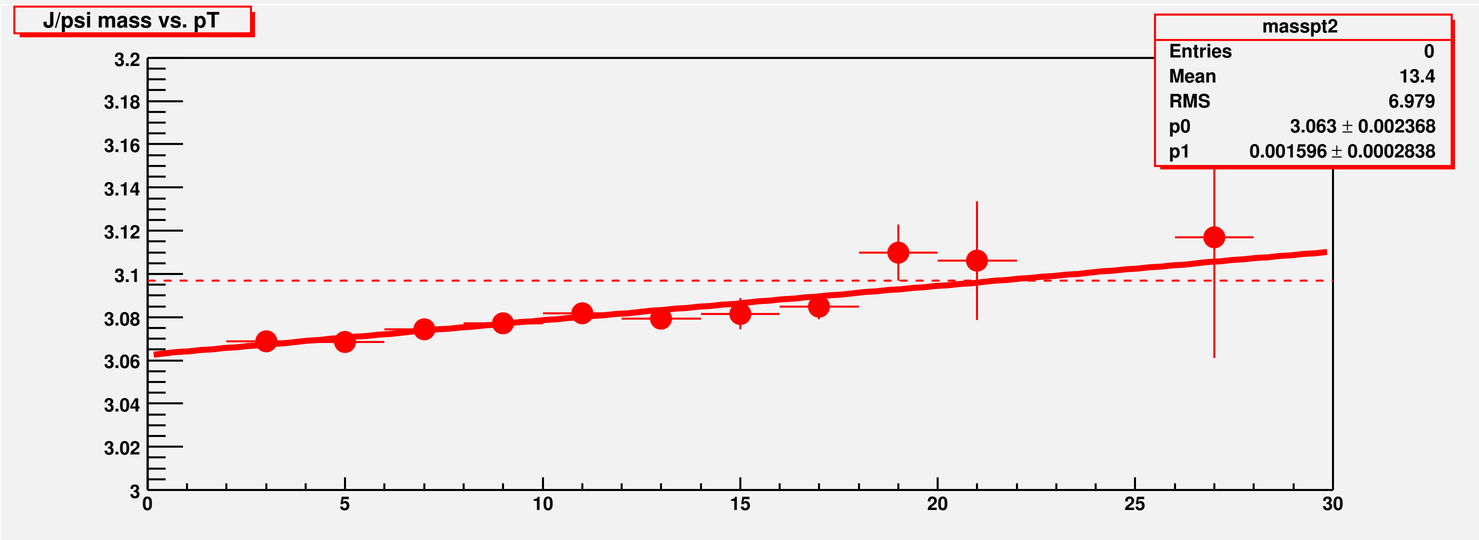

J/psi mass vs. pT
masspt
Entries 33507
Mean x 7.712
Mean y 3.053
RMS x 3.127
RMS y 0.1452


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.4
RMS 6.979

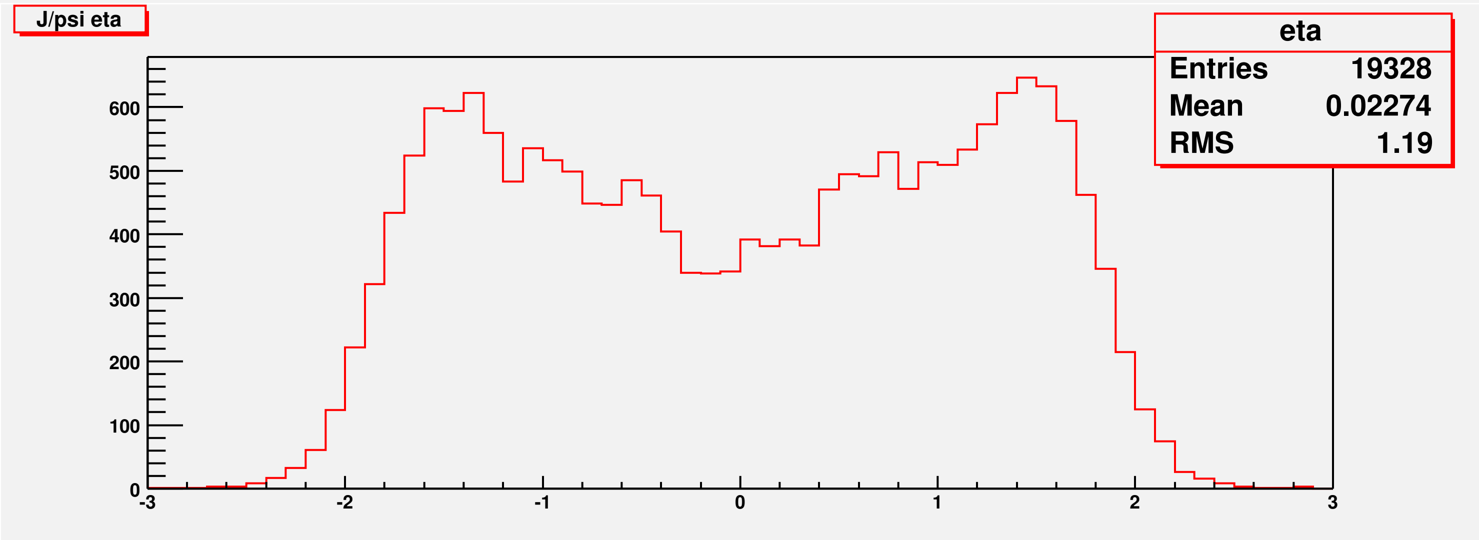
p14.05.00a

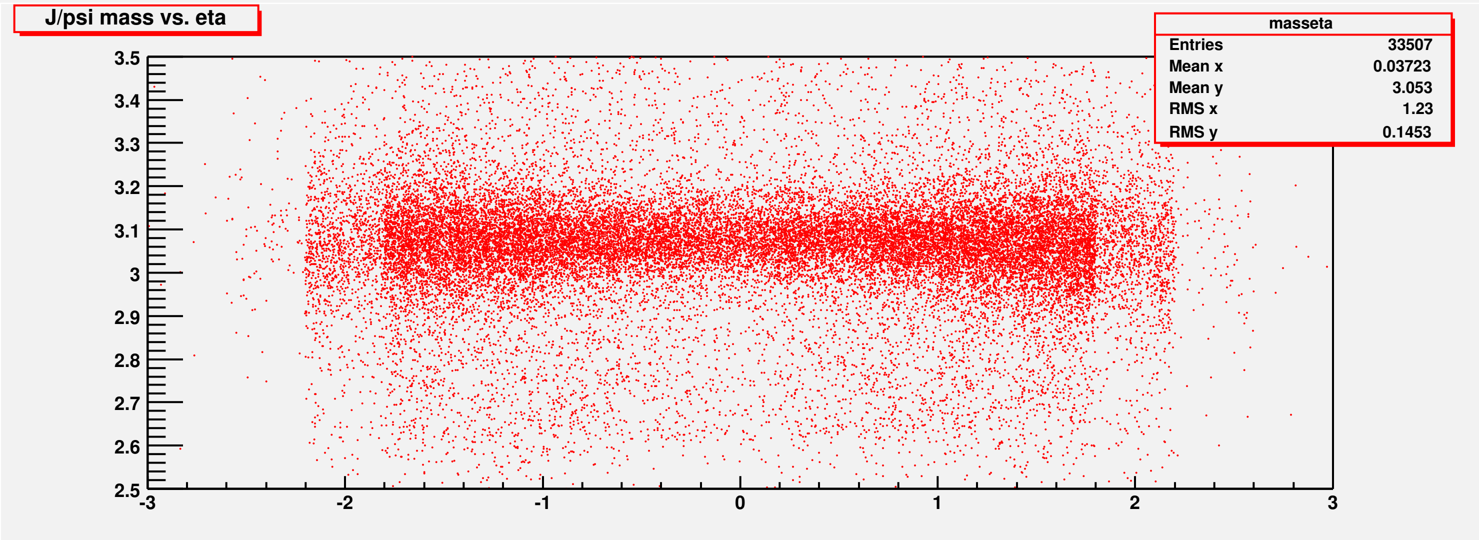

J/psi pT
pt
Entries 19328
Mean 7.792
RMS 3.014
0
200
400
600
800
1000
1200
1400
1600
0
5
10
15
20
25
30

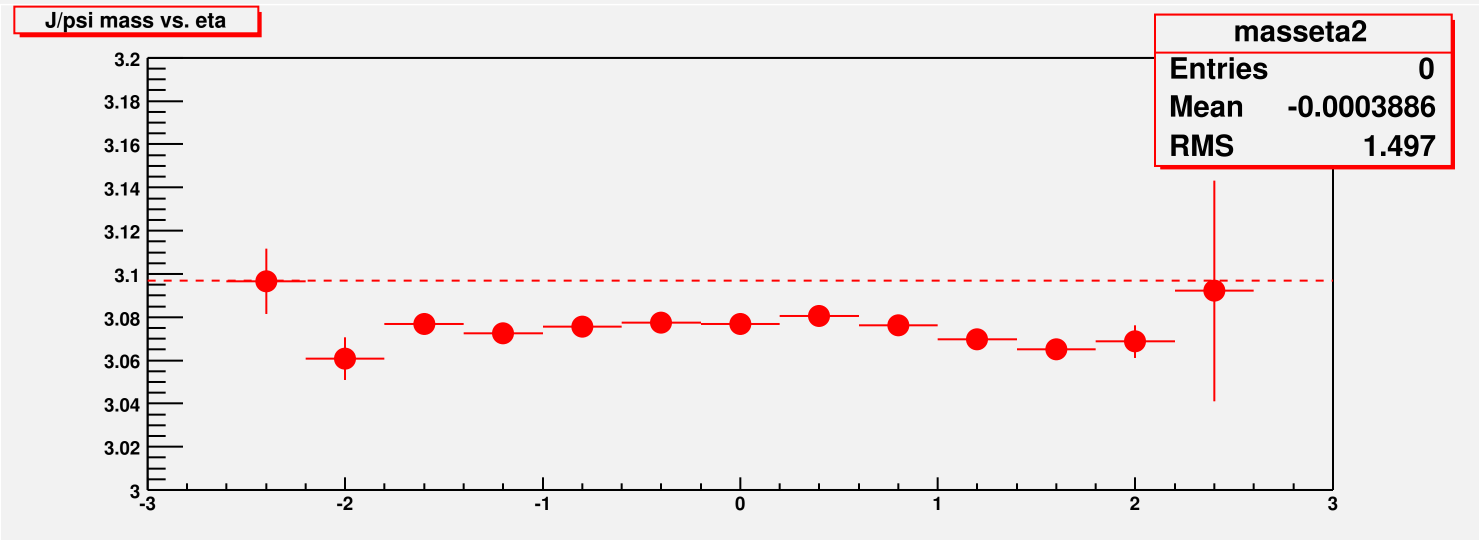

J/psi mass vs. pT
masspt
Entries 33507
Mean x 7.712
Mean y 3.053
RMS x 3.127
RMS y 0.1452
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
0
5
10
15
20
25
30


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.4
RMS 6.979
p0 3.063 ± 0.002368
p1 0.001596 ± 0.0002838
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

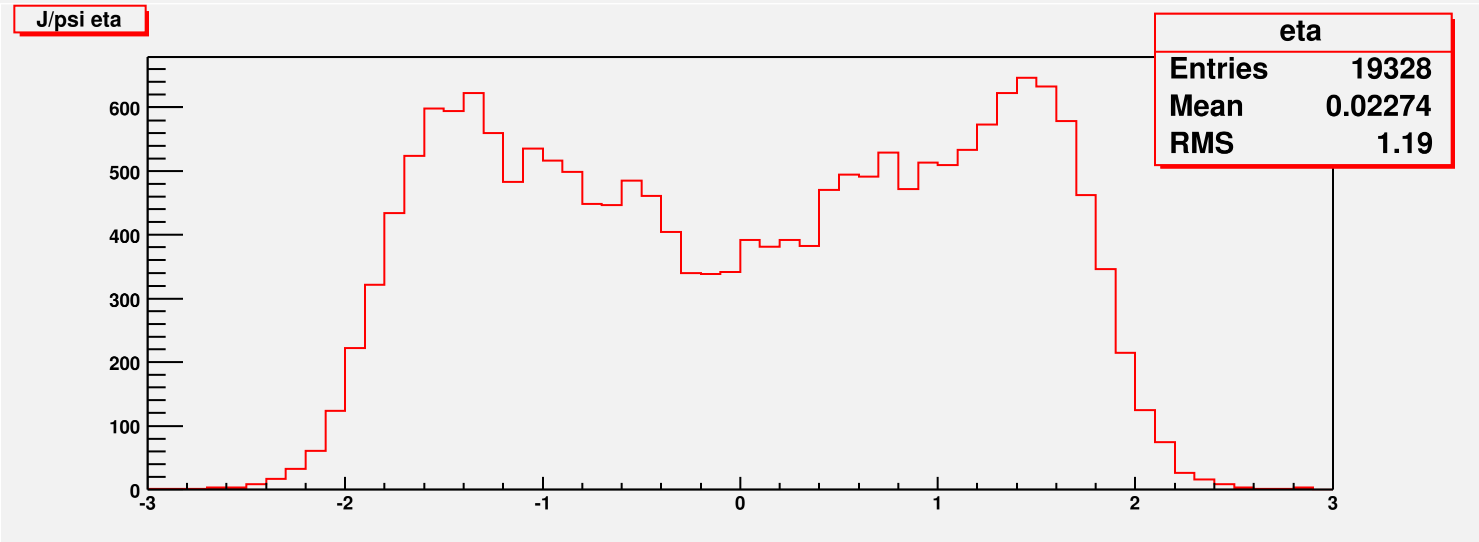
p14.05.00a

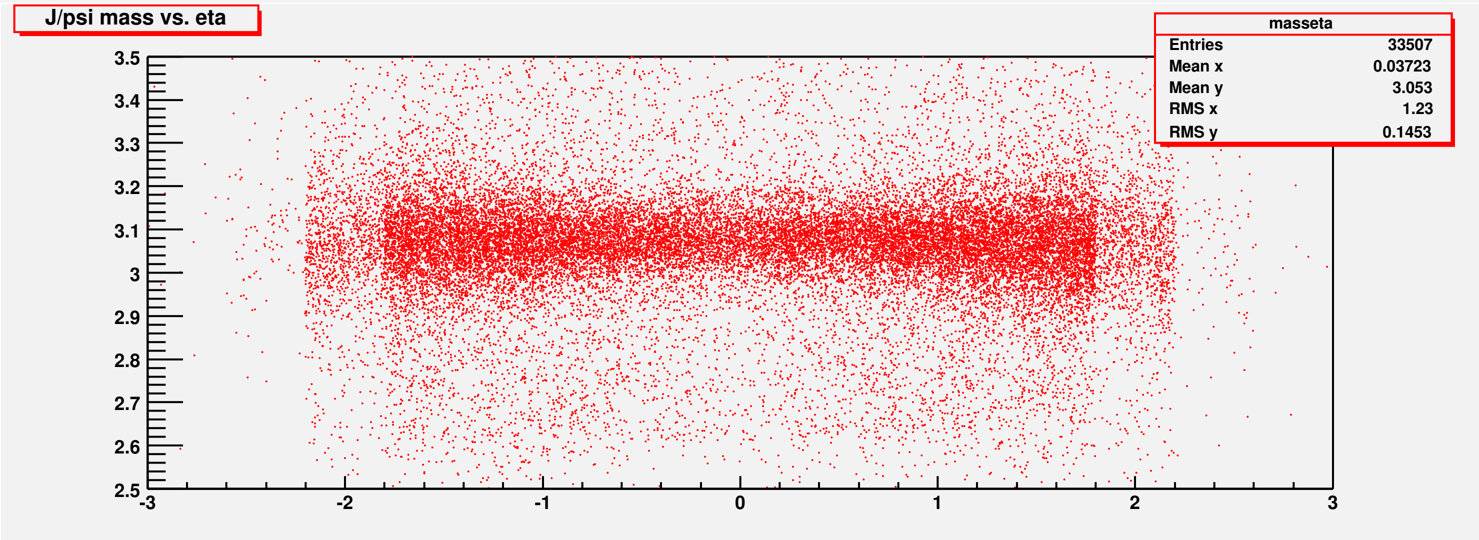

J/psi eta
eta
Entries 19328
Mean 0.02274
RMS 1.19
600
500
400
300
200
100
0
-3
-2
-1
0
1
2
3

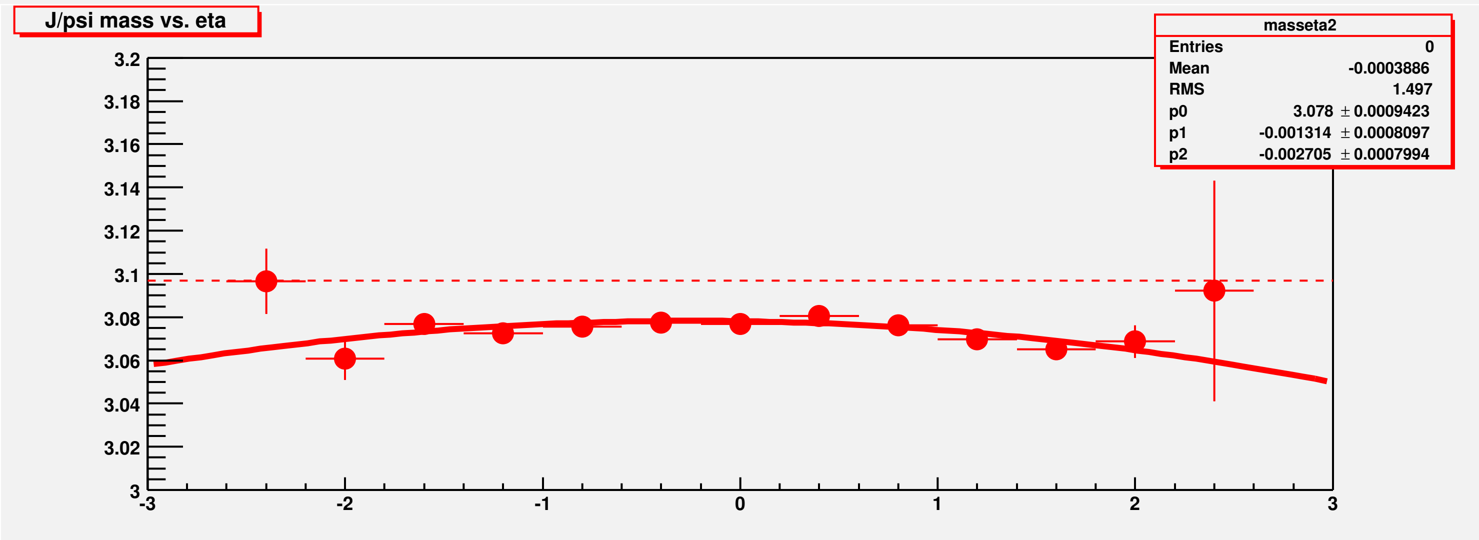

J/psi mass vs. eta
masseta
Entries 33507
Mean x 0.03723
Mean y 3.053
RMS x 1.23
RMS y 0.1453
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
-3
-2
-1
0
1
2
3


J/psi mass vs. eta
masseta2
Entries 0
Mean -0.0003886
RMS 1.497
3.2
3.18
3.16
3.14
3.12
3.1
3.08
3.06
3.04
3.02
3
-3
-2
-1
0
1
2
3

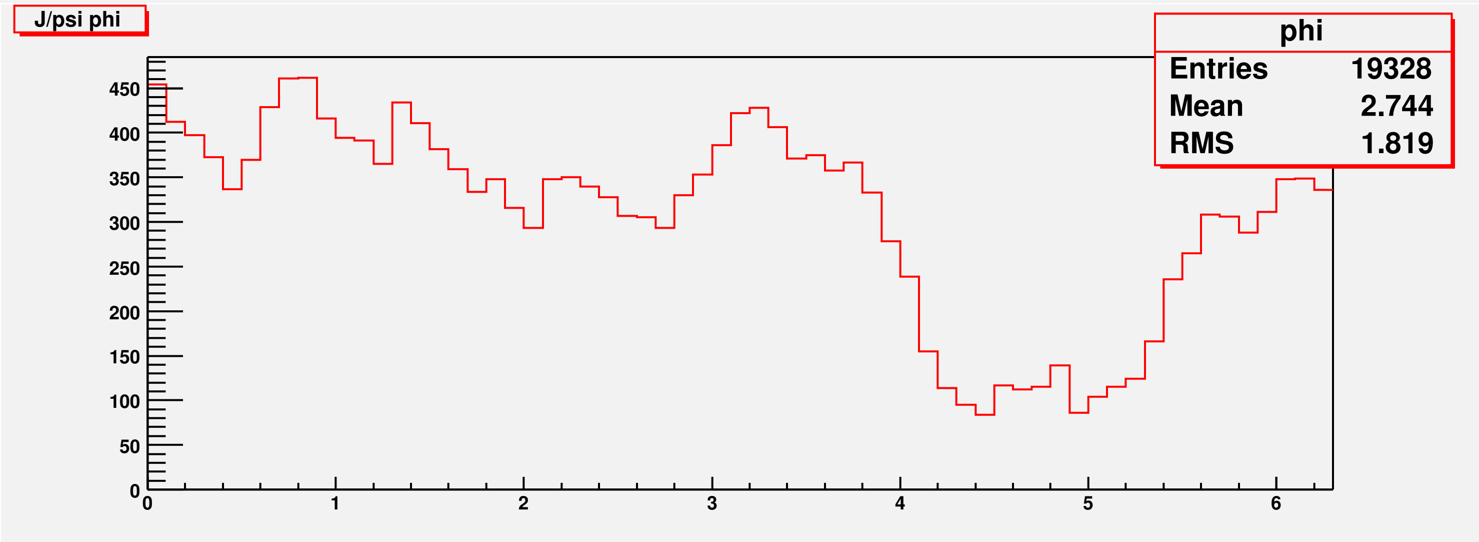
p14.05.00a

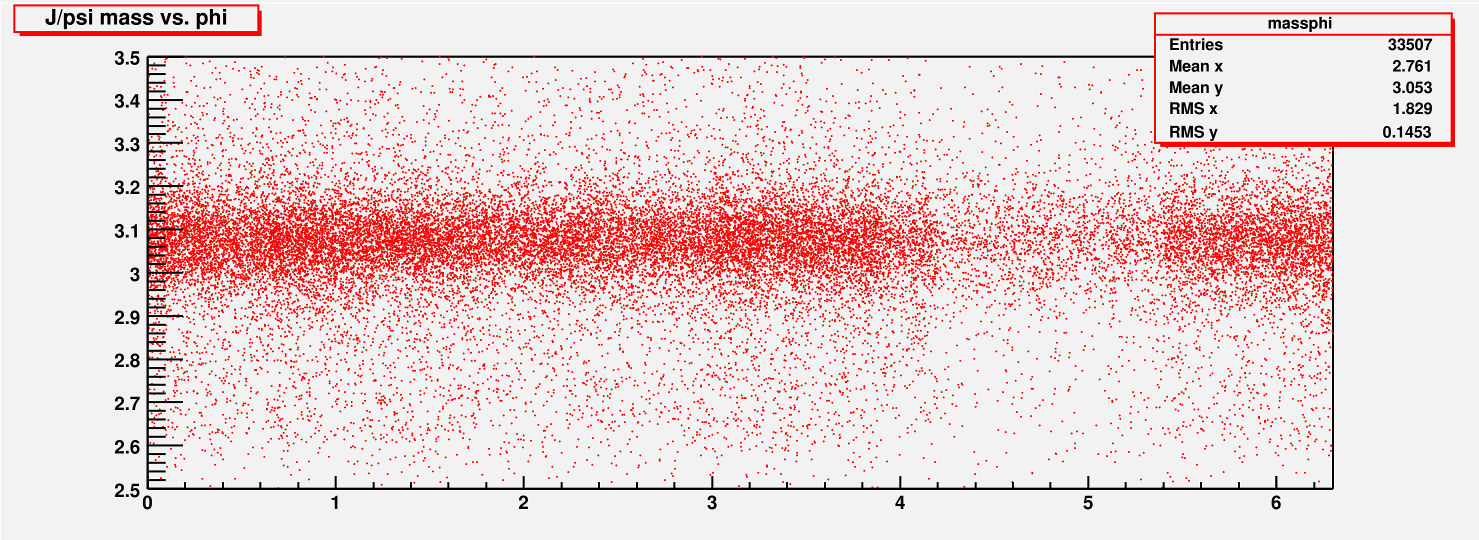

J/psi eta
eta
Entries 19328
Mean 0.02274
RMS 1.19
0
100
200
300
400
500
600
-3
-2
-1
0
1
2
3

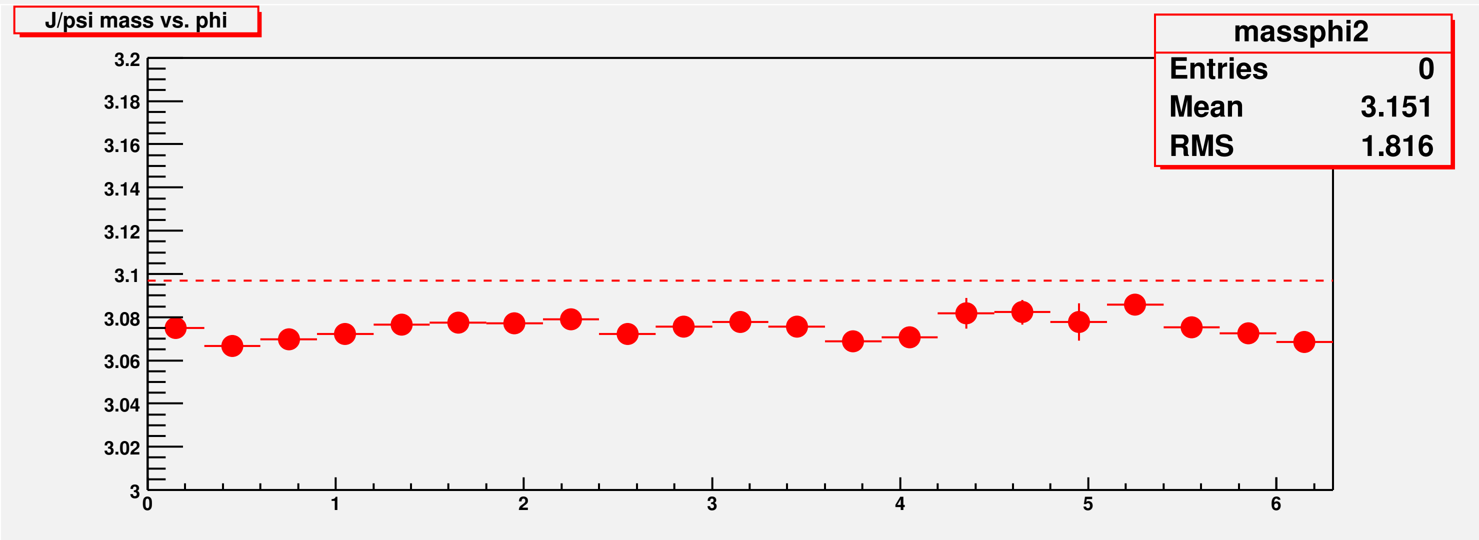

J/psi mass vs. eta
masseta
Entries 33507
Mean x 0.03723
Mean y 3.053
RMS x 1.23
RMS y 0.1453
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
-3
-2
-1
0
1
2
3


J/psi mass vs. eta
masseta2
Entries 0
Mean -0.0003886
RMS 1.497
p0 3.078 ± 0.0009423
p1 -0.001314 ± 0.0008097
p2 -0.002705 ± 0.0007994
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

p14.05.00a


J/psi phi
phi
Entries 19328
Mean 2.744
RMS 1.819
0
50
100
150
200
250
300
350
400
450
0
1
2
3
4
5
6


J/psi mass vs. phi
massphi
Entries 33507
Mean x 2.761
Mean y 3.053
RMS x 1.829
RMS y 0.1453
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 3.151
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