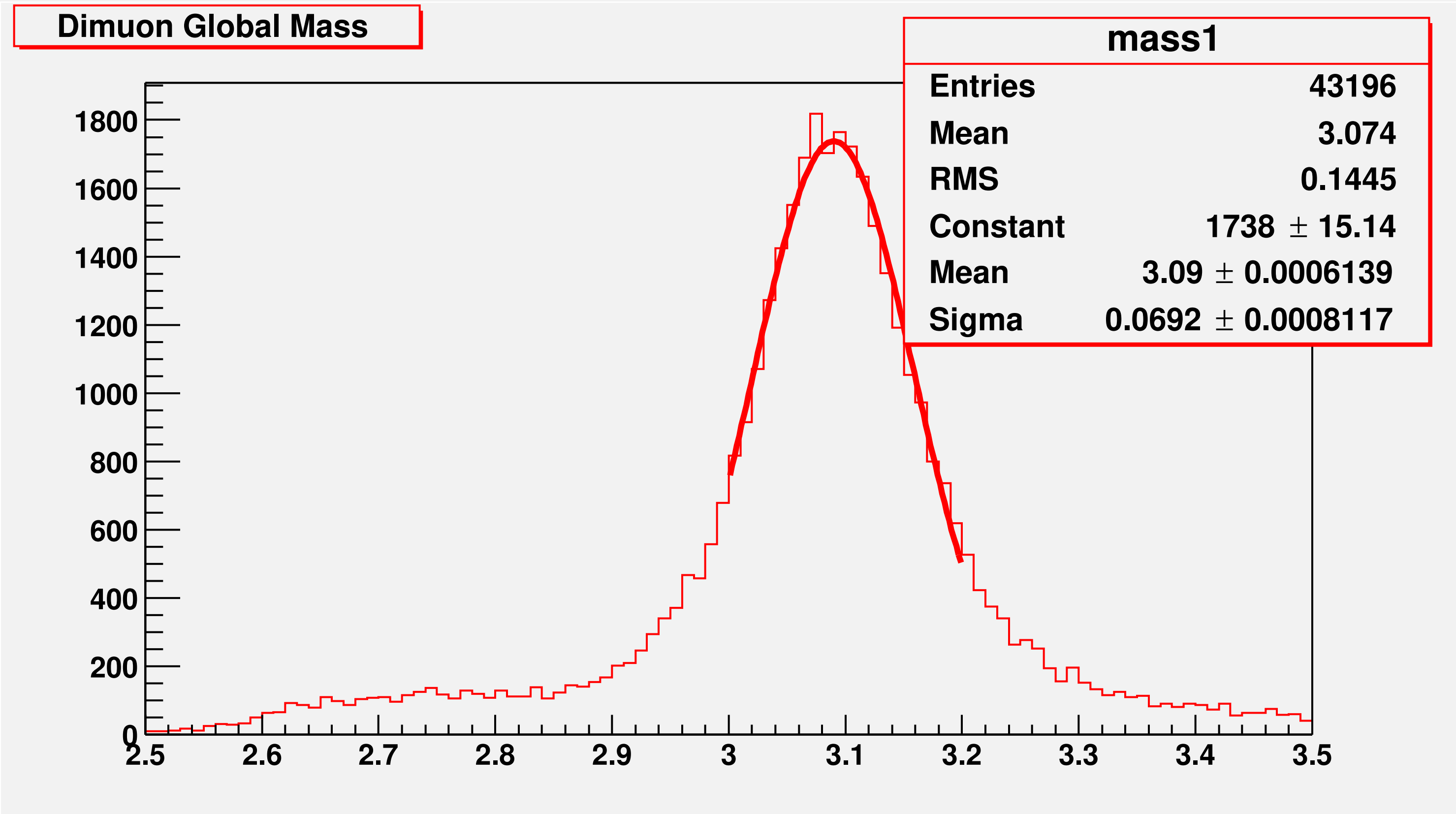
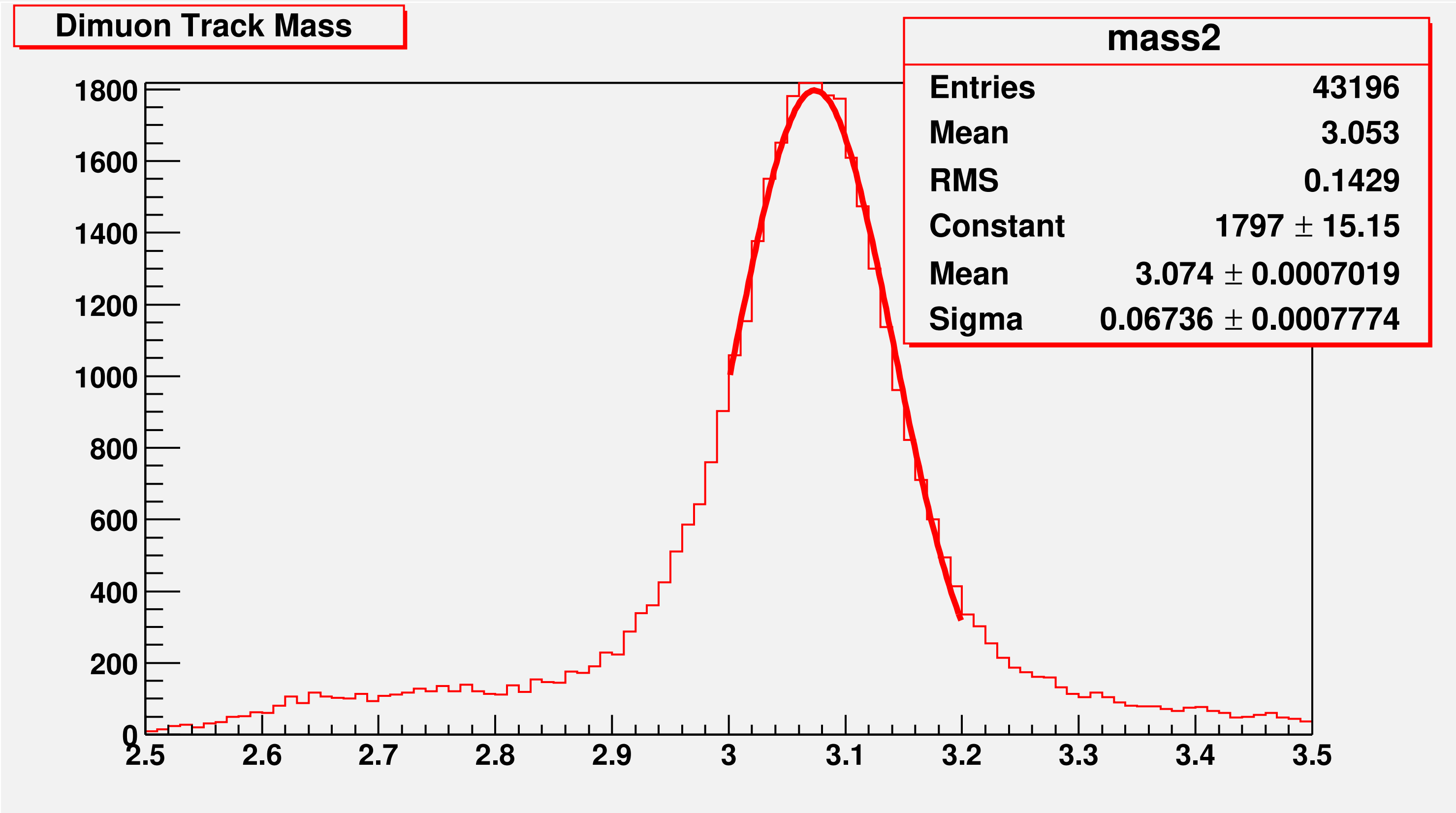
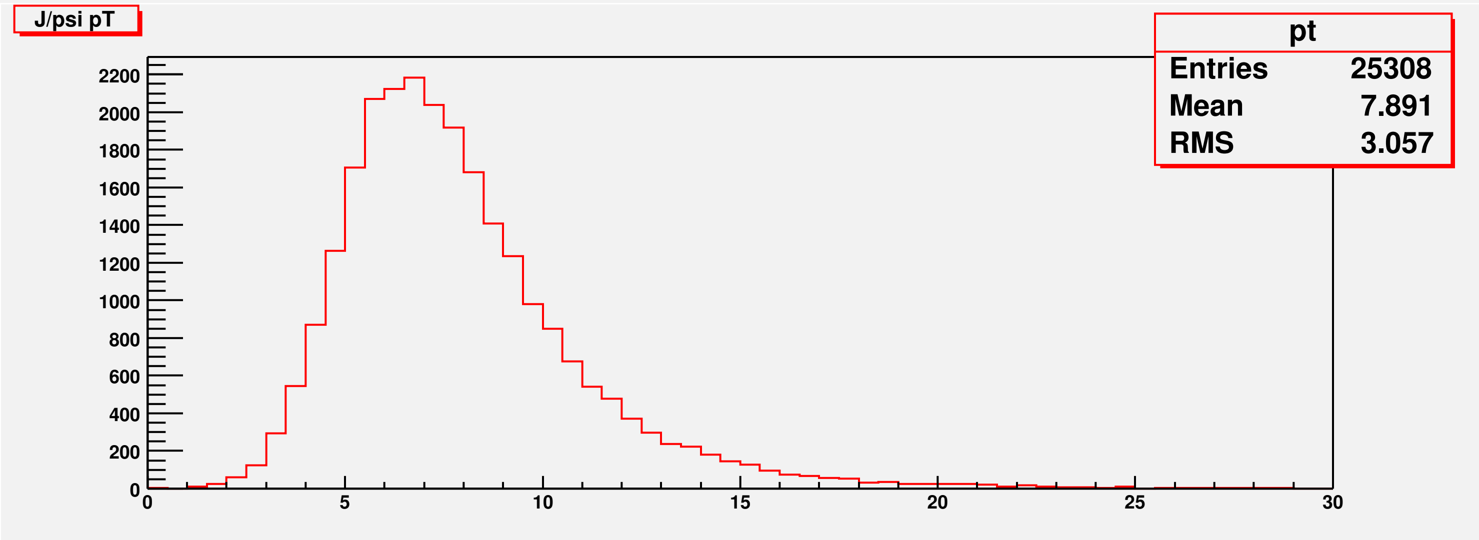
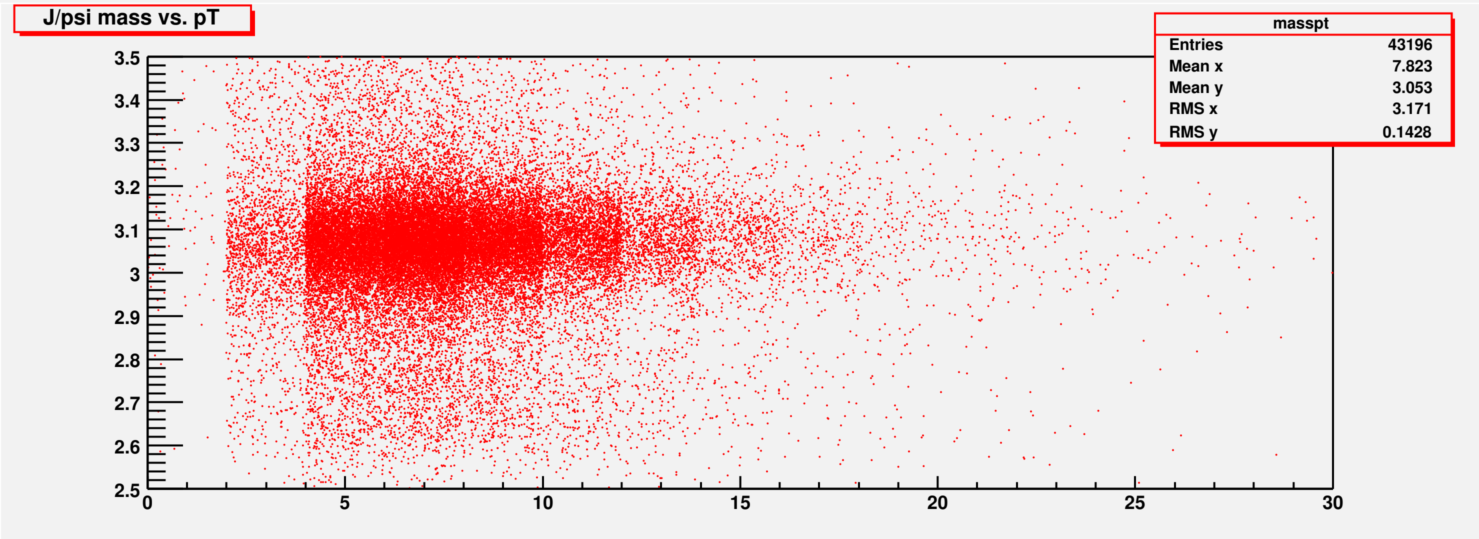
p14.05.00a

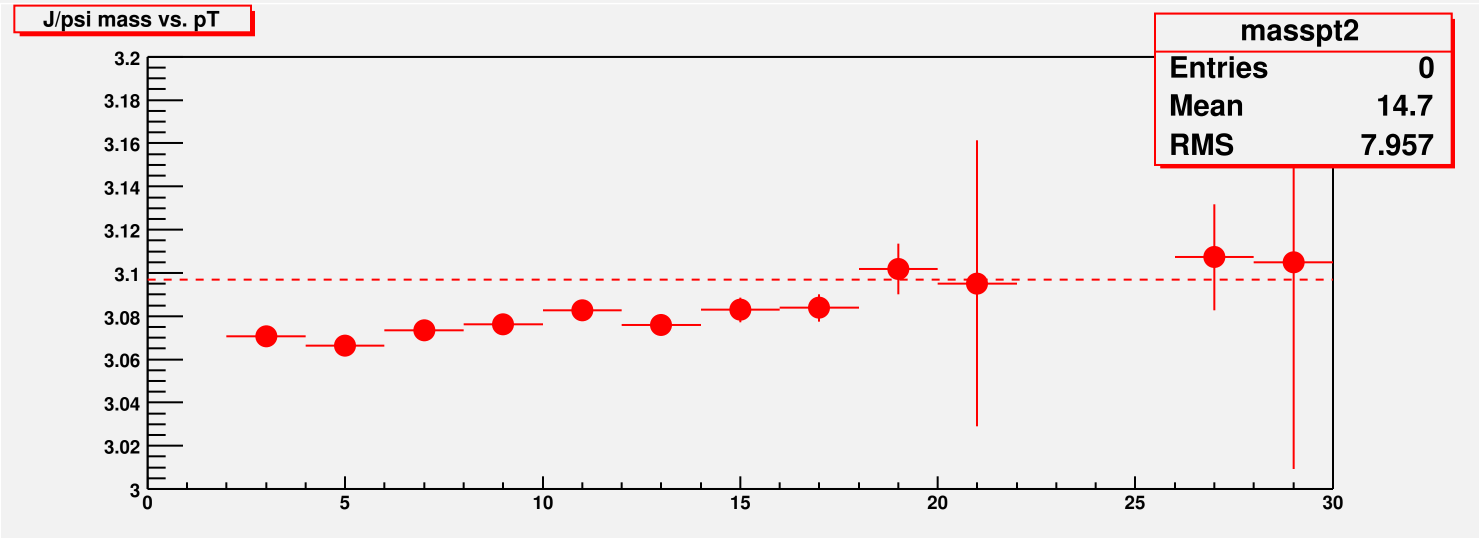

Dimuon Global Mass
mass1
Entries 43196
Mean 3.074
RMS 0.1445
Constant 1738 ± 15.14
Mean 3.09 ± 0.0006139
Sigma 0.0692 ± 0.0008117
1800
1600
1400
1200
1000
800
600
400
200
0
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5


Dimuon Track Mass
mass2
Entries 43196
Mean 3.053
RMS 0.1429
Constant 1797 ± 15.15
Mean 3.074 ± 0.0007019
Sigma 0.06736 ± 0.0007774
1800
1600
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

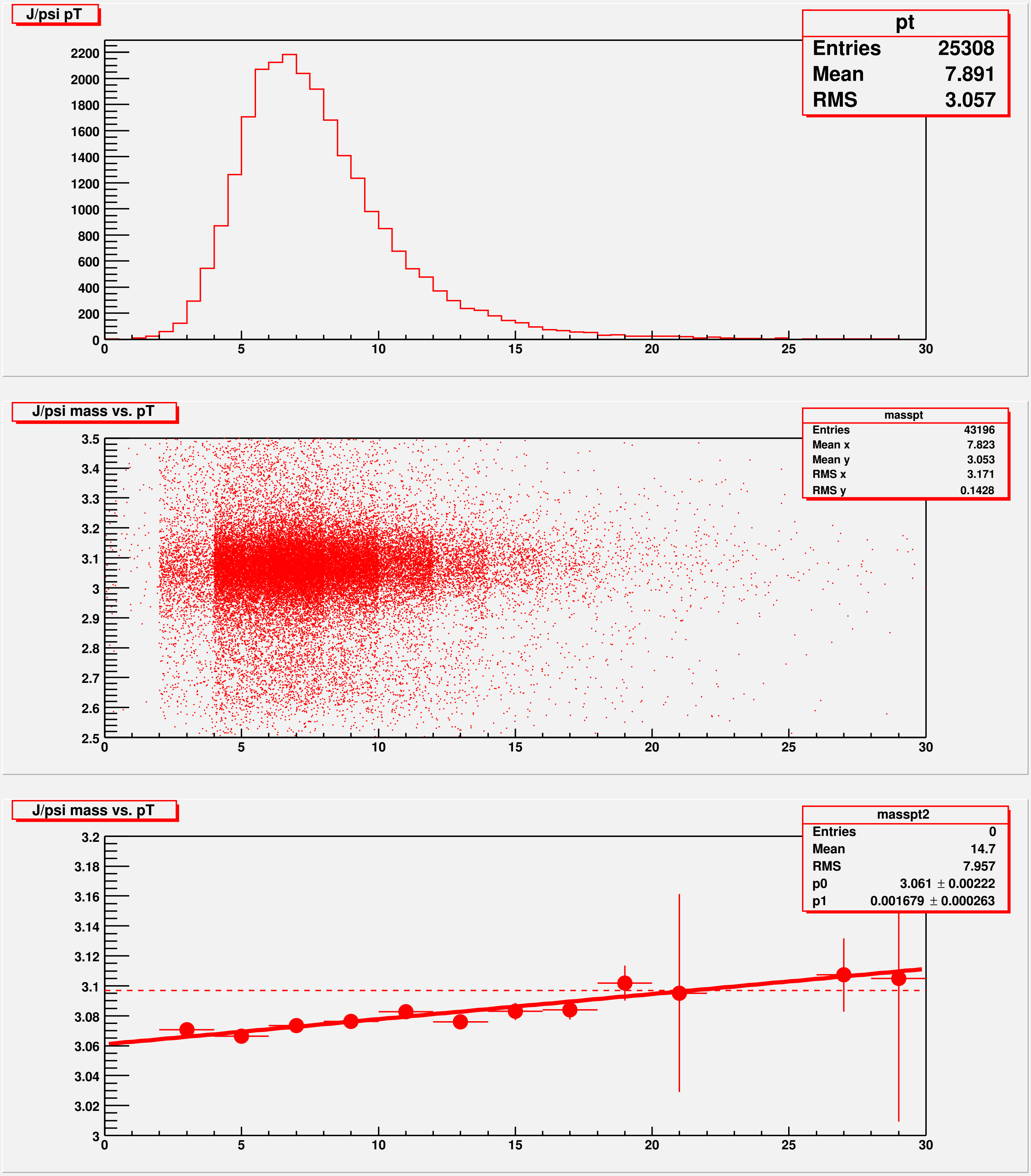
p14.05.00a


J/psi pT
pt
Entries 25308
Mean 7.891
RMS 3.057
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30

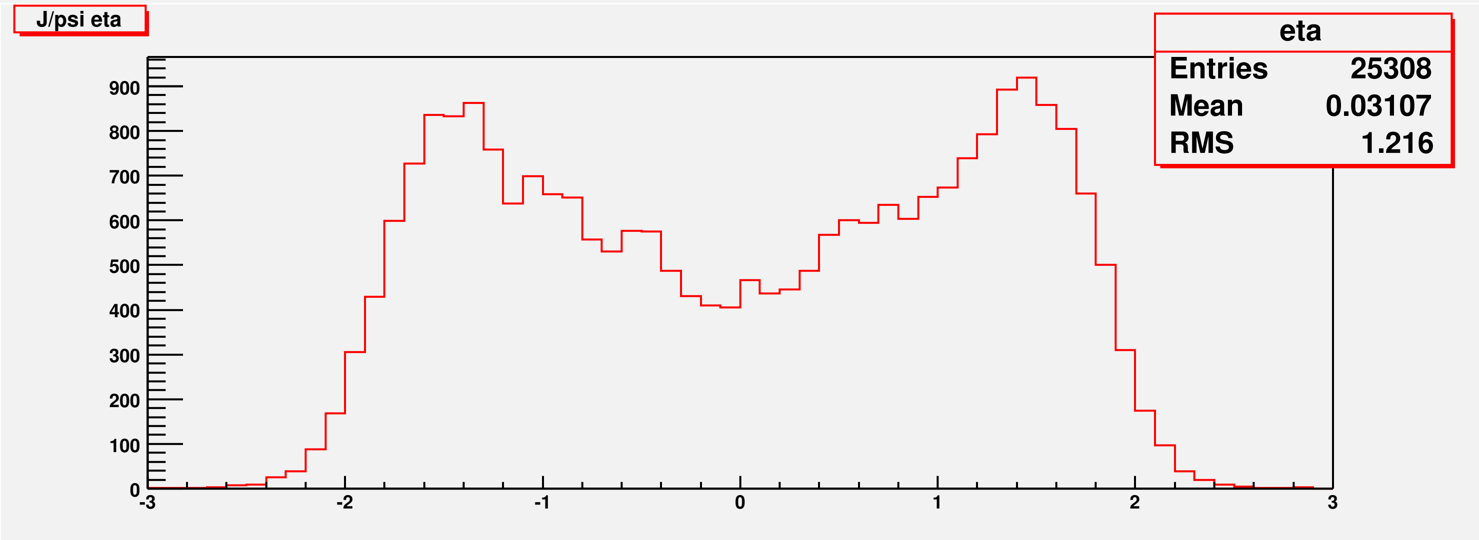

J/psi mass vs. pT
masspt
Entries 43196
Mean x 7.823
Mean y 3.053
RMS x 3.171
RMS y 0.1428
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
0
5
10
15
20
25
30

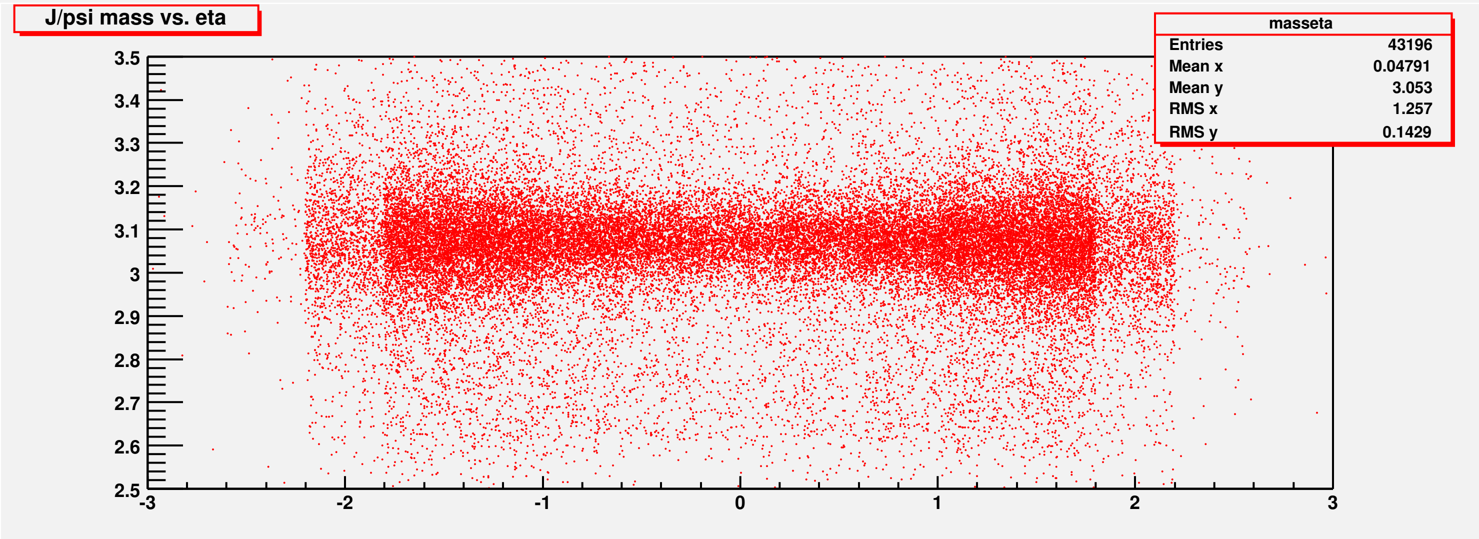

J/psi mass vs. pT
masspt2
Entries 0
Mean 14.7
RMS 7.957
3.2
3.18
3.16
3.14
3.12
3.1
3.08
3.06
3.04
3.02
3
0
5
10
15
20
25
30

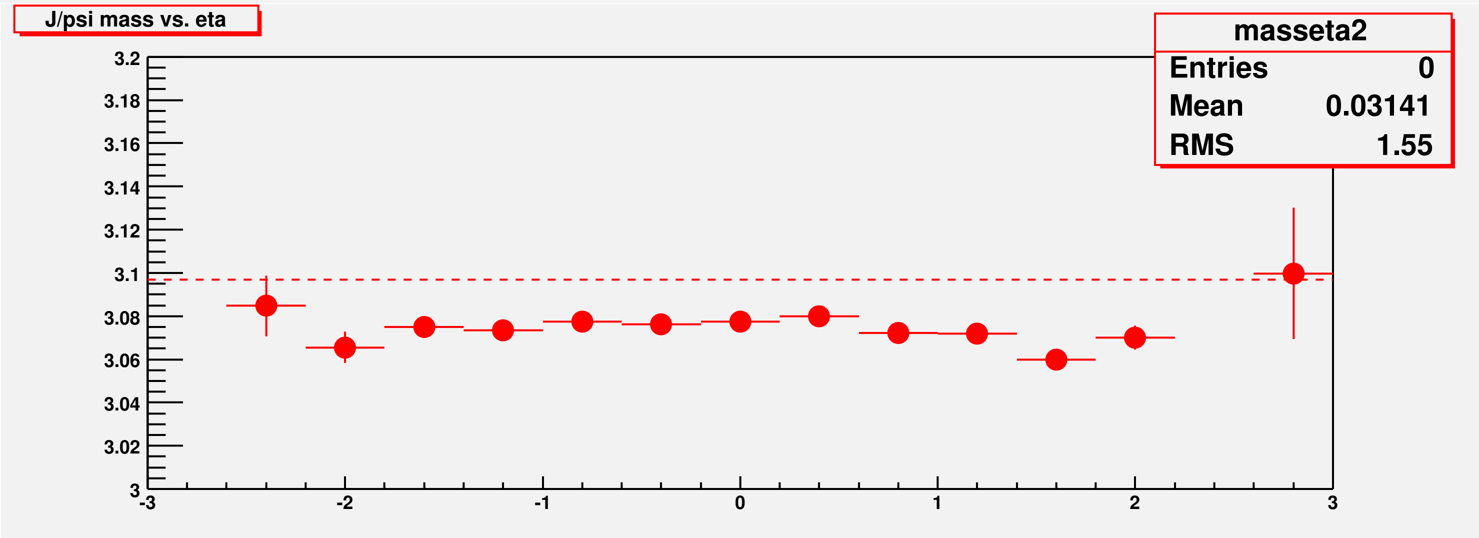
p14.05.00a


J/psi pT
pt
Entries 25308
Mean 7.891
RMS 3.057
J/psi mass vs. pT
masspt
Entries 43196
Mean x 7.823
Mean y 3.053
RMS x 3.171
RMS y 0.1428
J/psi mass vs. pT
masspt2
Entries 0
Mean 14.7
RMS 7.957
p0 3.061 ± 0.00222
p1 0.001679 ± 0.000263

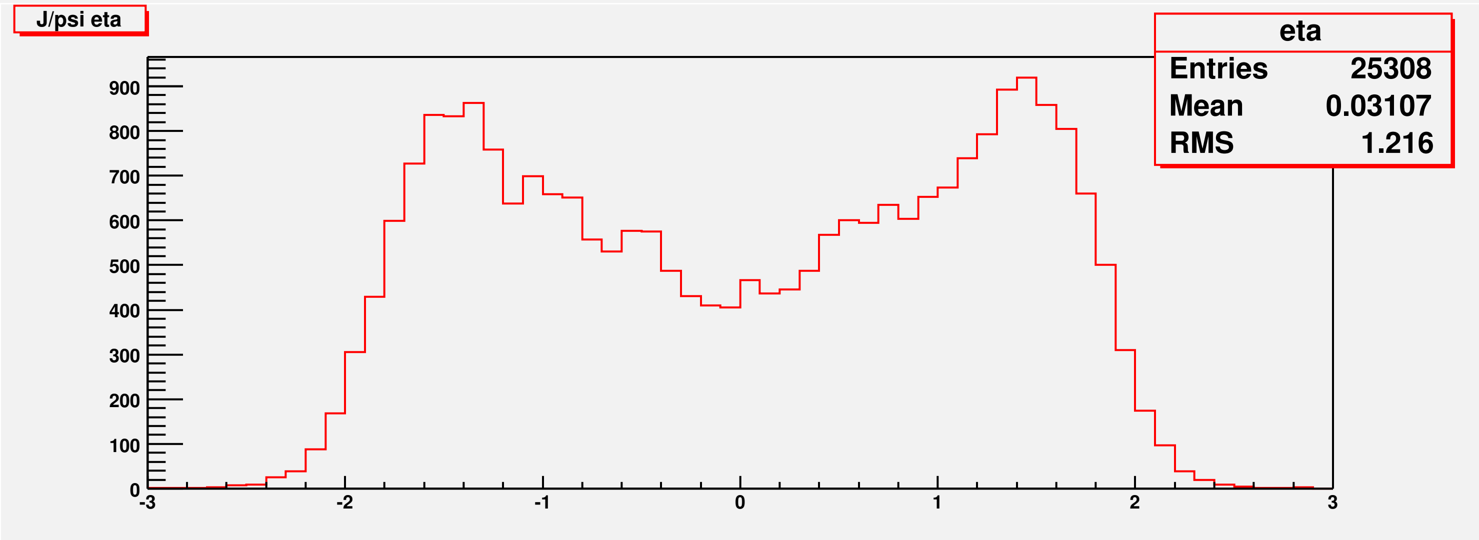
p14.05.00a

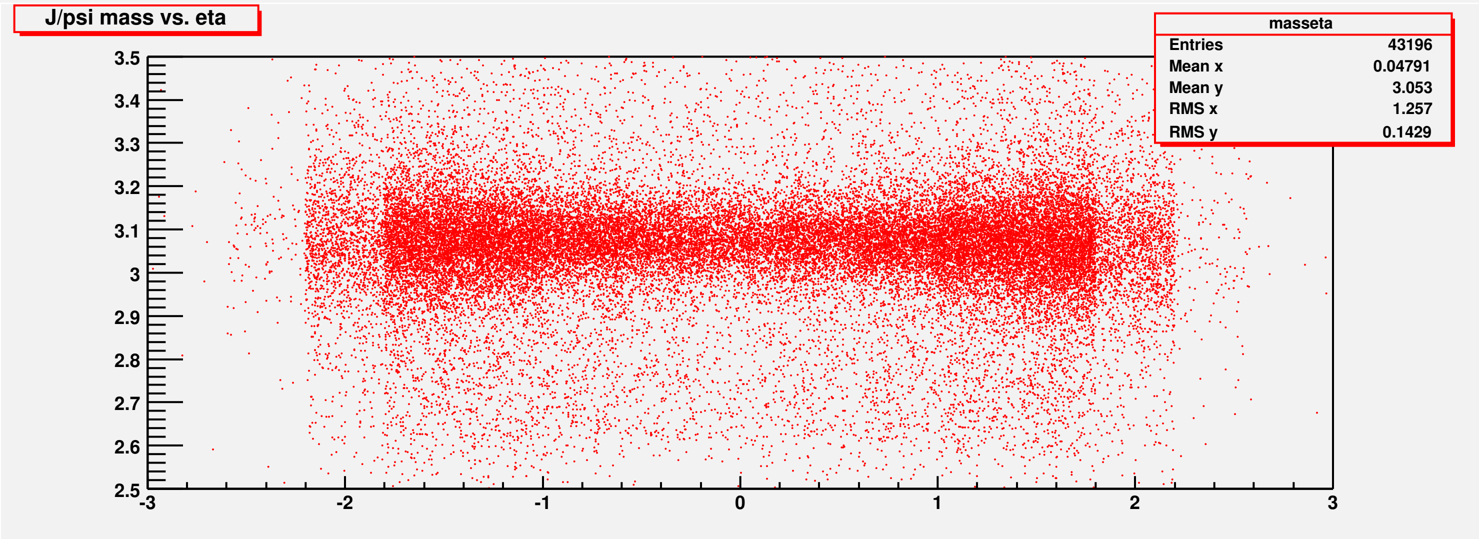

J/psi eta
eta
Entries 25308
Mean 0.03107
RMS 1.216
900
800
700
600
500
400
300
200
100
0
-3
-2
-1
0
1
2
3

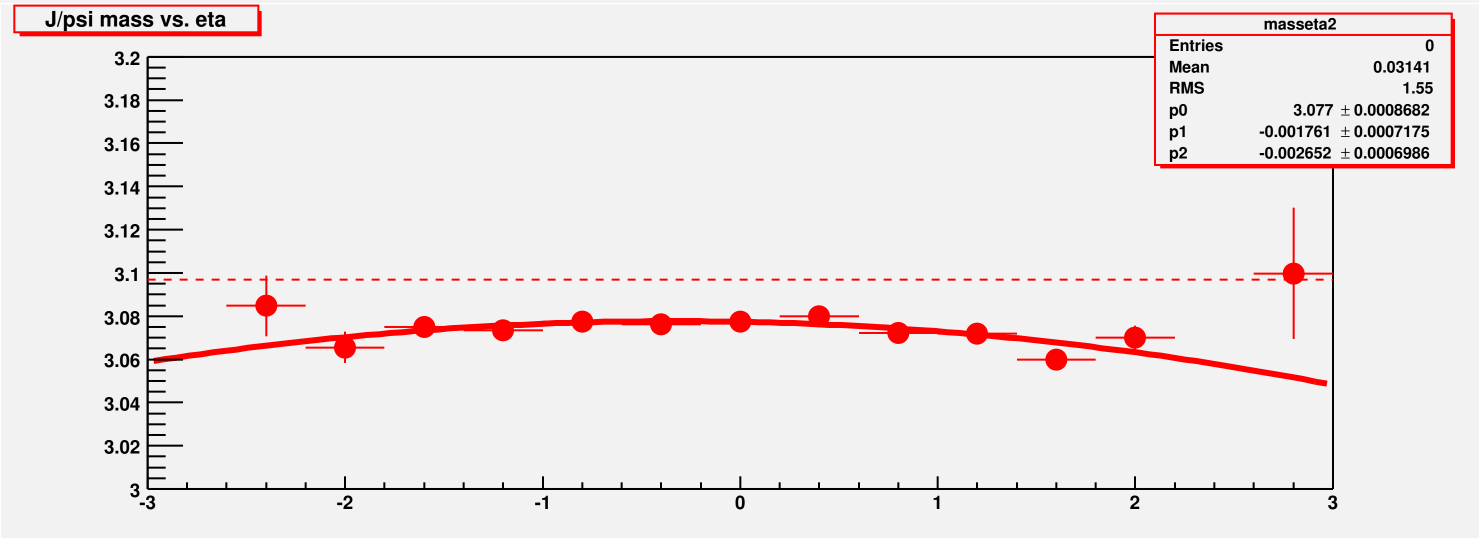

J/psi mass vs. eta
masseta
Entries 43196
Mean x 0.04791
Mean y 3.053
RMS x 1.257
RMS y 0.1429
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
-3
-2
-1
0
1
2
3


J/psi mass vs. eta
masseta2
Entries 0
Mean 0.03141
RMS 1.55
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

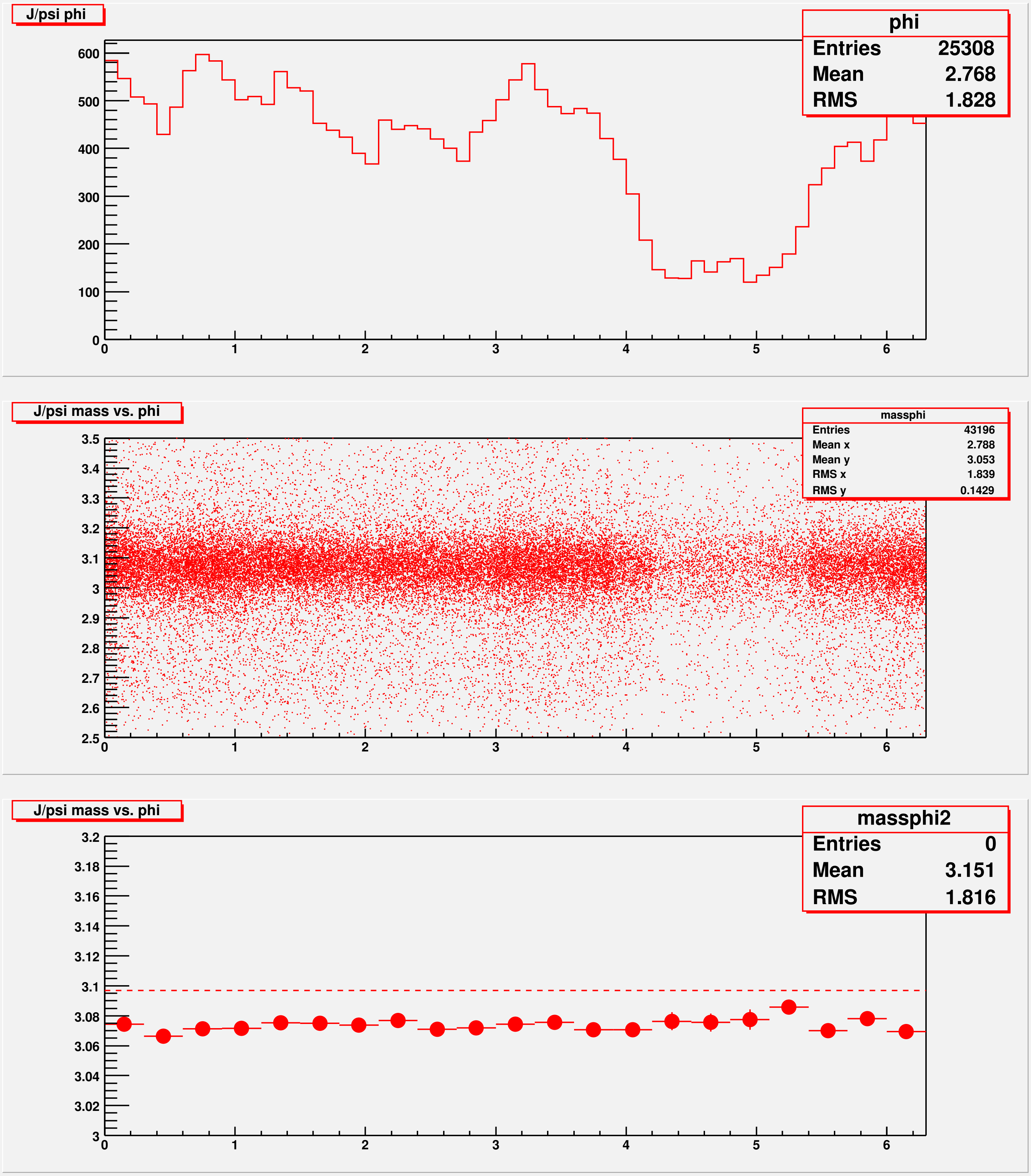
p14.05.00a


J/psi eta
eta
Entries 25308
Mean 0.03107
RMS 1.216
900
800
700
600
500
400
300
200
100
0
-3
-2
-1
0
1
2
3

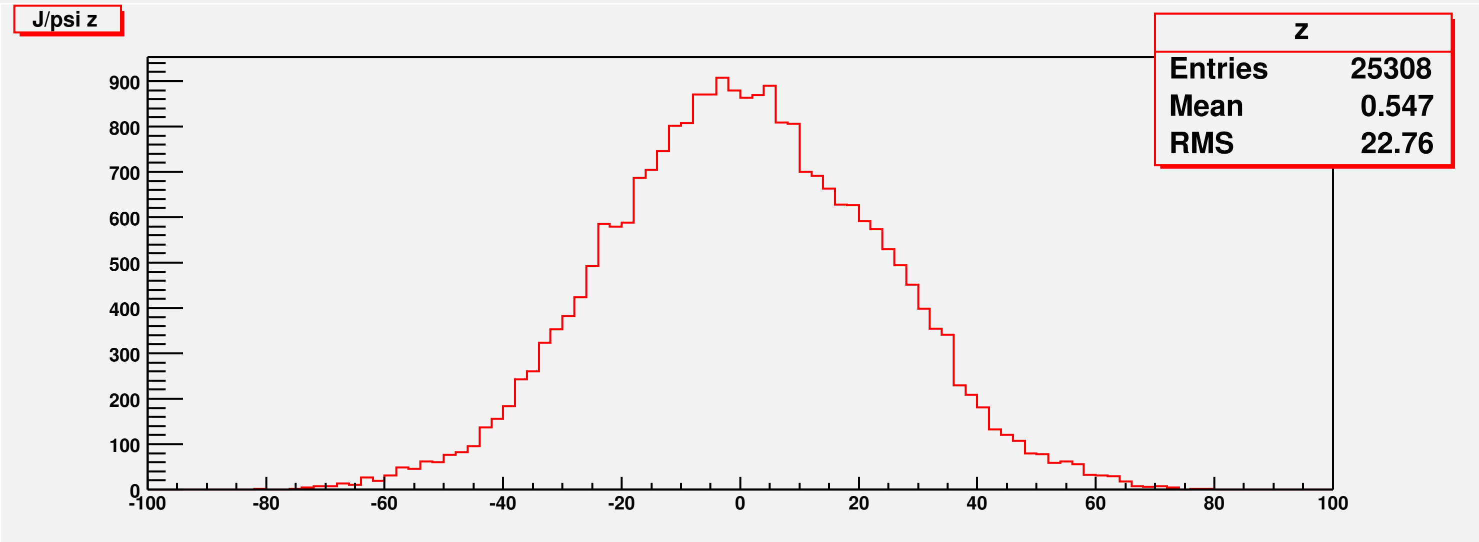

J/psi mass vs. eta
masseta
Entries 43196
Mean x 0.04791
Mean y 3.053
RMS x 1.257
RMS y 0.1429
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
-3
-2
-1
0
1
2
3

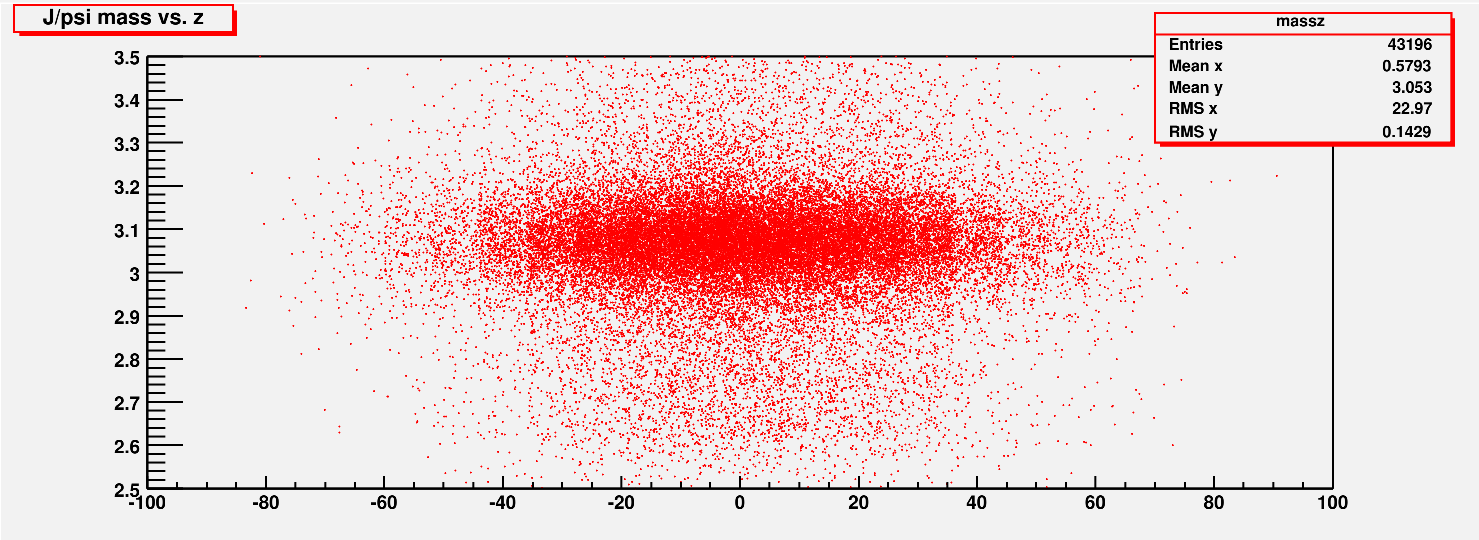

J/psi mass vs. eta
masseta2
Entries 0
Mean 0.03141
RMS 1.55
p0 3.077 ± 0.0008682
p1 -0.001761 ± 0.0007175
p2 -0.002652 ± 0.0006986
3.2
3.18
3.16
3.14
3.12
3.1
3.08
3.06
3.04
3.02
3
-3
-2
-1
0
1
2
3

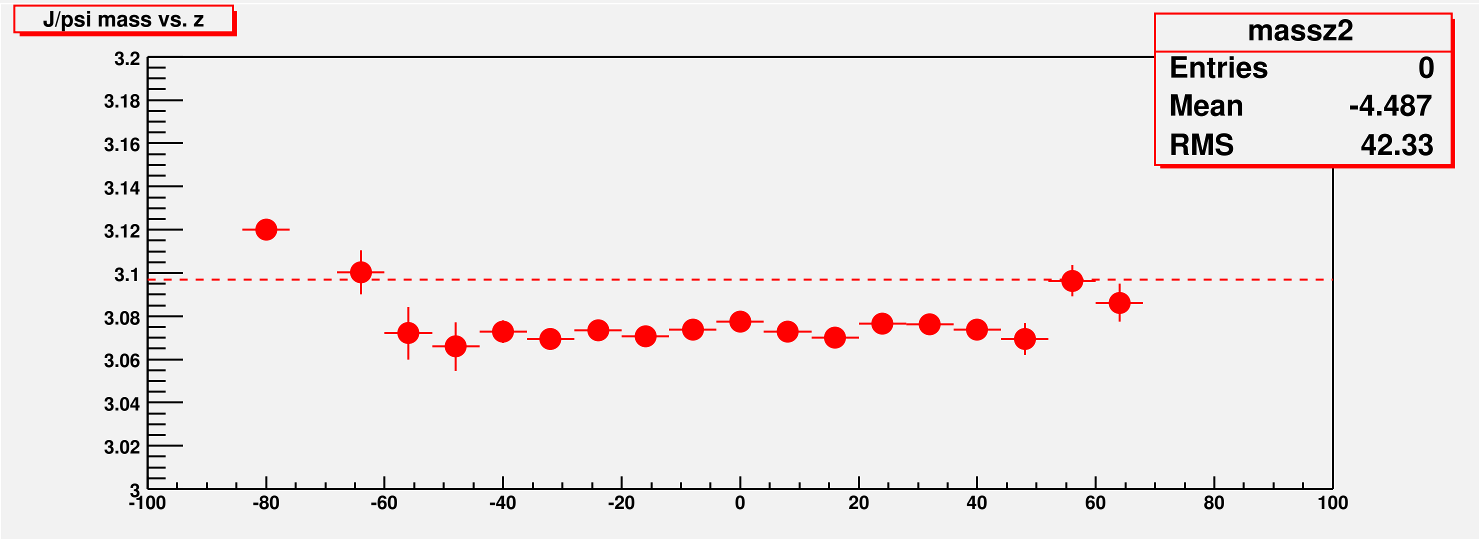
p14.05.00a


J/psi phi
phi
Entries 25308
Mean 2.768
RMS 1.828
J/psi mass vs. phi
massphi
Entries 43196
Mean x 2.788
Mean y 3.053
RMS x 1.839
RMS y 0.1429
J/psi mass vs. phi
massphi2
Entries 0
Mean 3.151
RMS 1.816

p14.05.00a


J/psi z
z
Entries 25308
Mean 0.547
RMS 22.76
900
800
700
600
500
400
300
200
100
0
-100
-80
-60
-40
-20
0
20
40
60
80
100


J/psi mass vs. z
massz
Entries 43196
Mean x 0.5793
Mean y 3.053
RMS x 22.97
RMS y 0.1429
3.5
3.4
3.3
3.2
3.1
3
2.9
2.8
2.7
2.6
2.5
-100
-80
-60
-40
-20
0
20
40
60
80
100


J/psi mass vs. z
massz2
Entries 0
Mean -4.487
RMS 42.33
3.2
3.18
3.16
3.14
3.12
3.1
3.08
3.06
3.04
3.02
3
-100
-80
-60
-40
-20
0
20
40
60
80
100