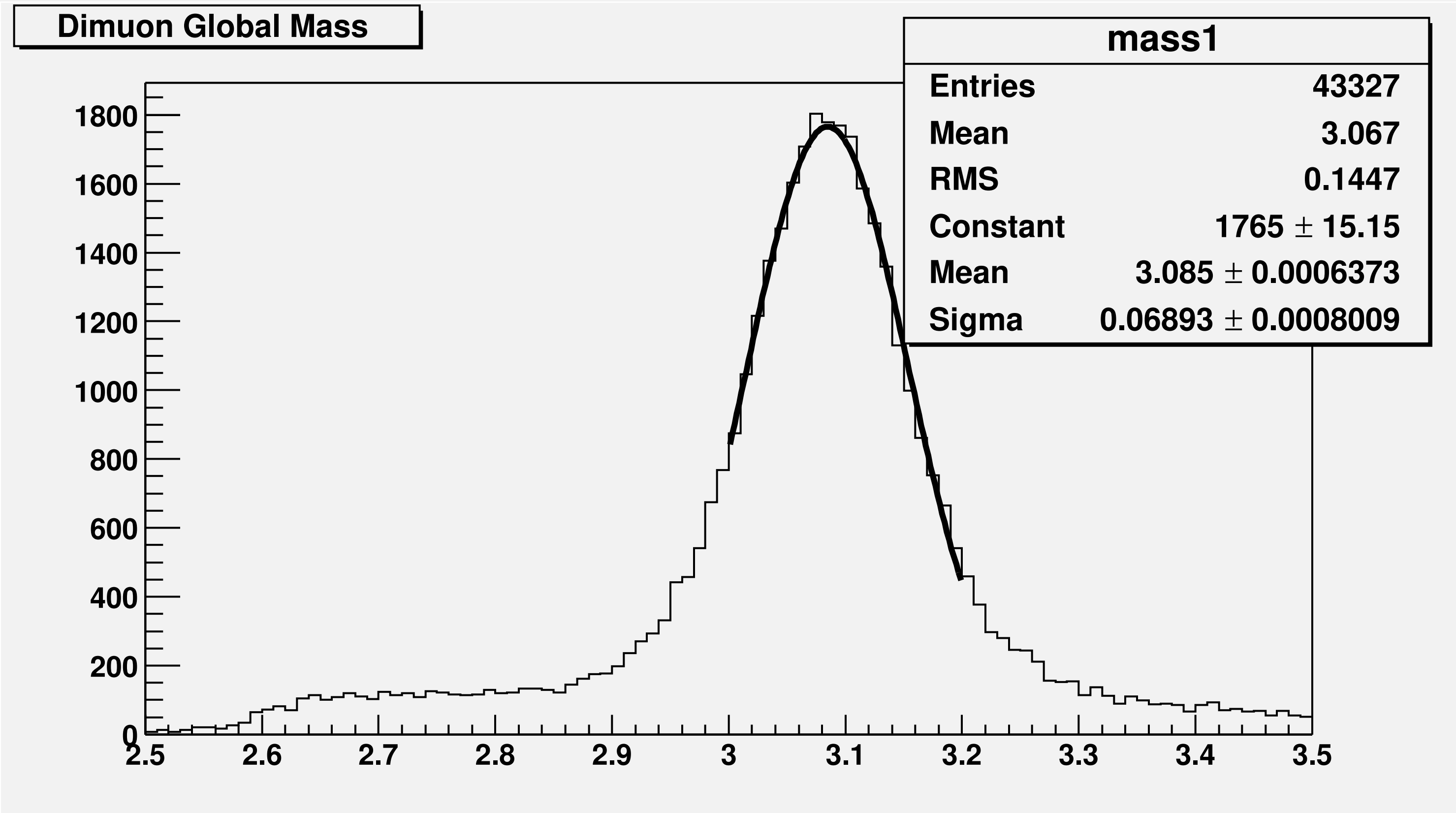
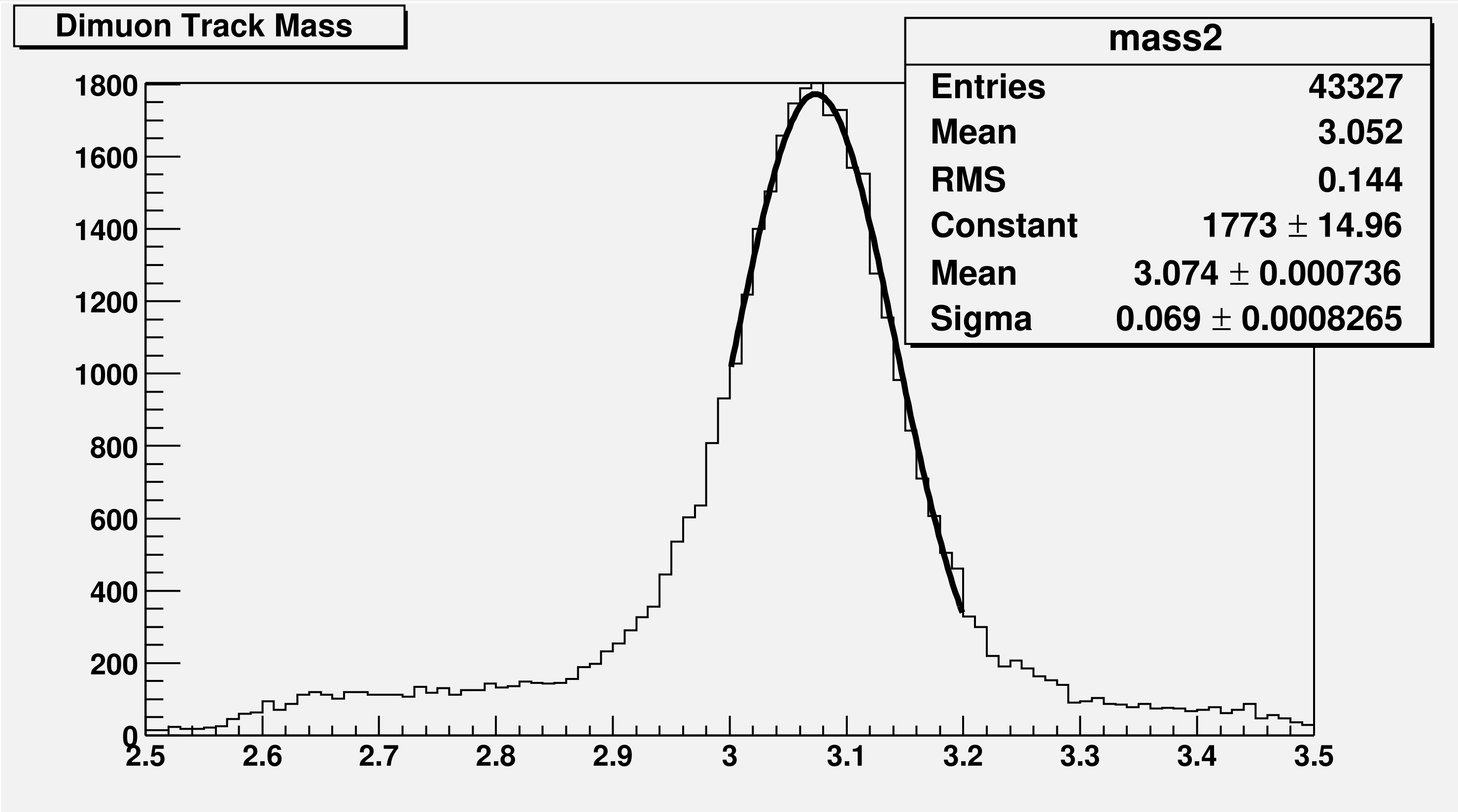
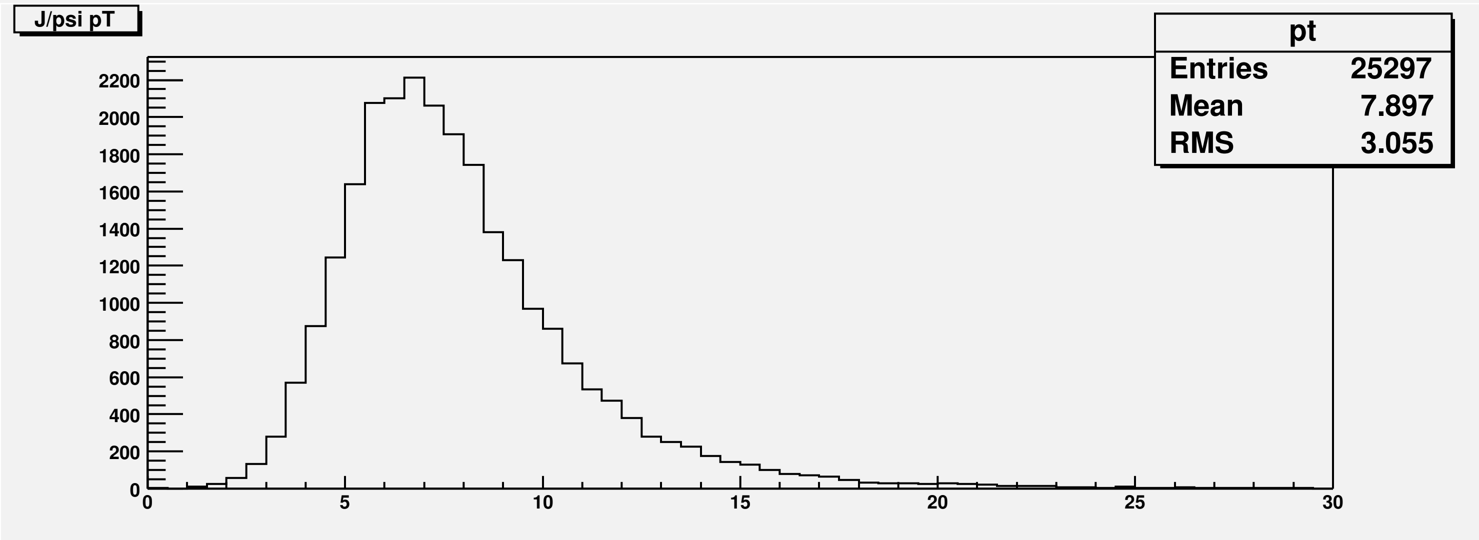
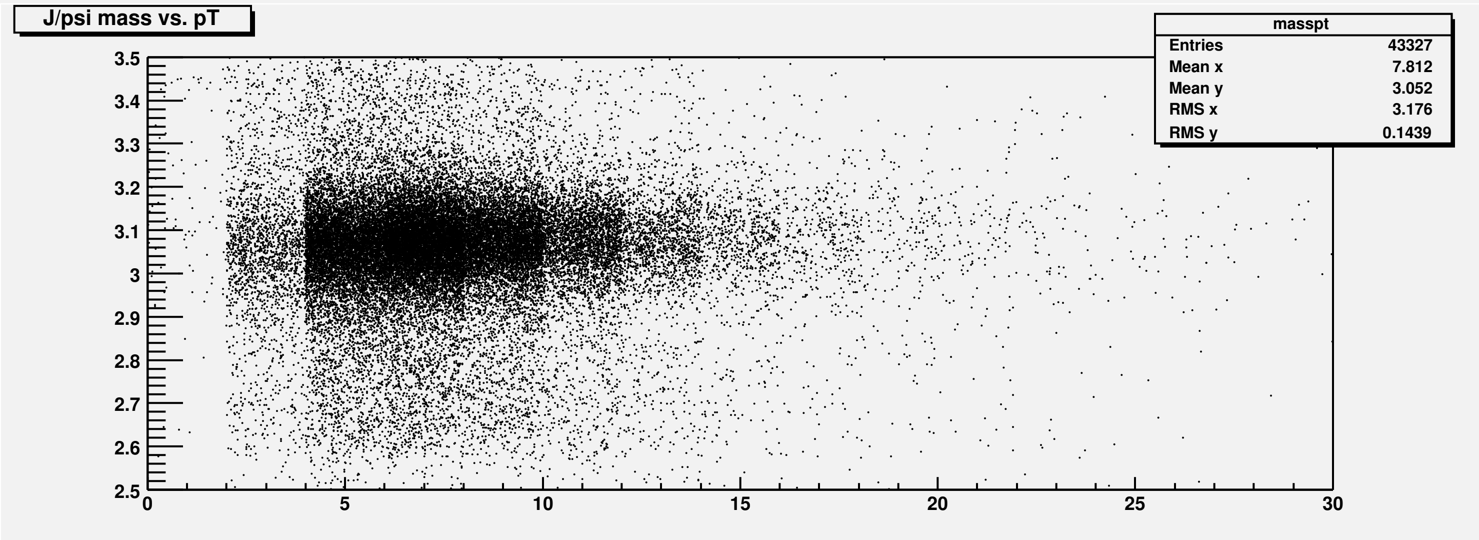
p14.05.00

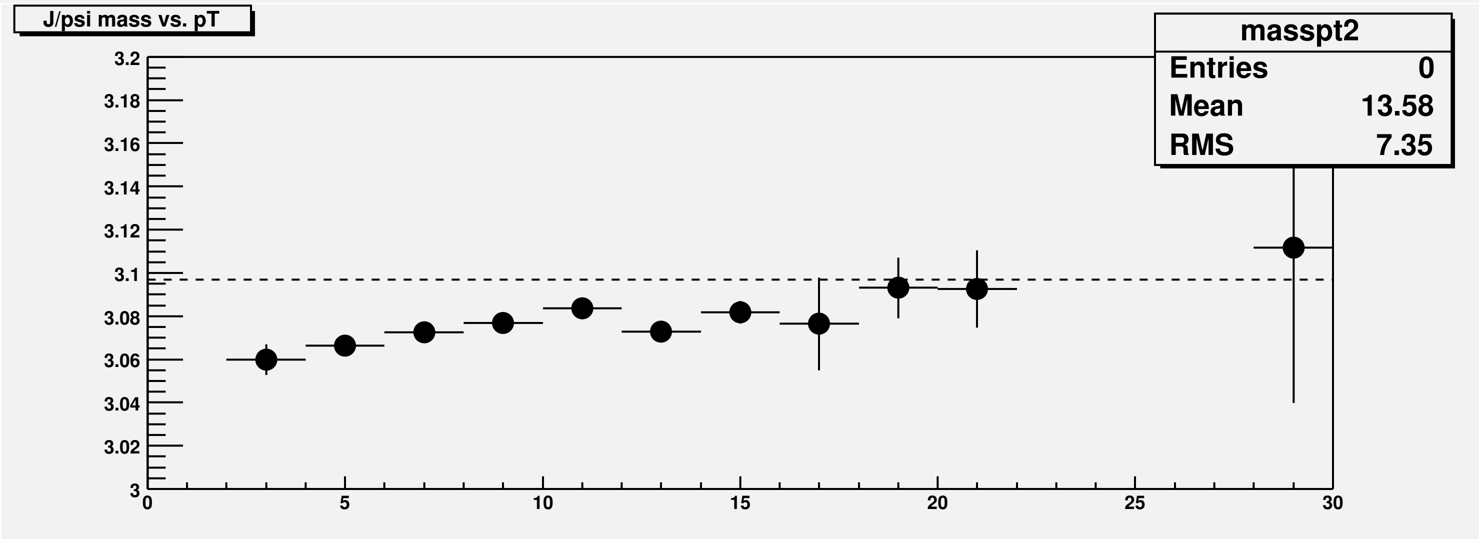

Dimuon Global Mass
mass1
Entries 43327
Mean 3.067
RMS 0.1447
Constant 1765 ± 15.15
Mean 3.085 ± 0.0006373
Sigma 0.06893 ± 0.0008009
0
200
400
600
800
1000
1200
1400
1600
1800
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5


Dimuon Track Mass
mass2
Entries 43327
Mean 3.052
RMS 0.144
Constant 1773 ± 14.96
Mean 3.074 ± 0.000736
Sigma 0.069 ± 0.0008265
0
200
400
600
800
1000
1200
1400
1600
1800
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5

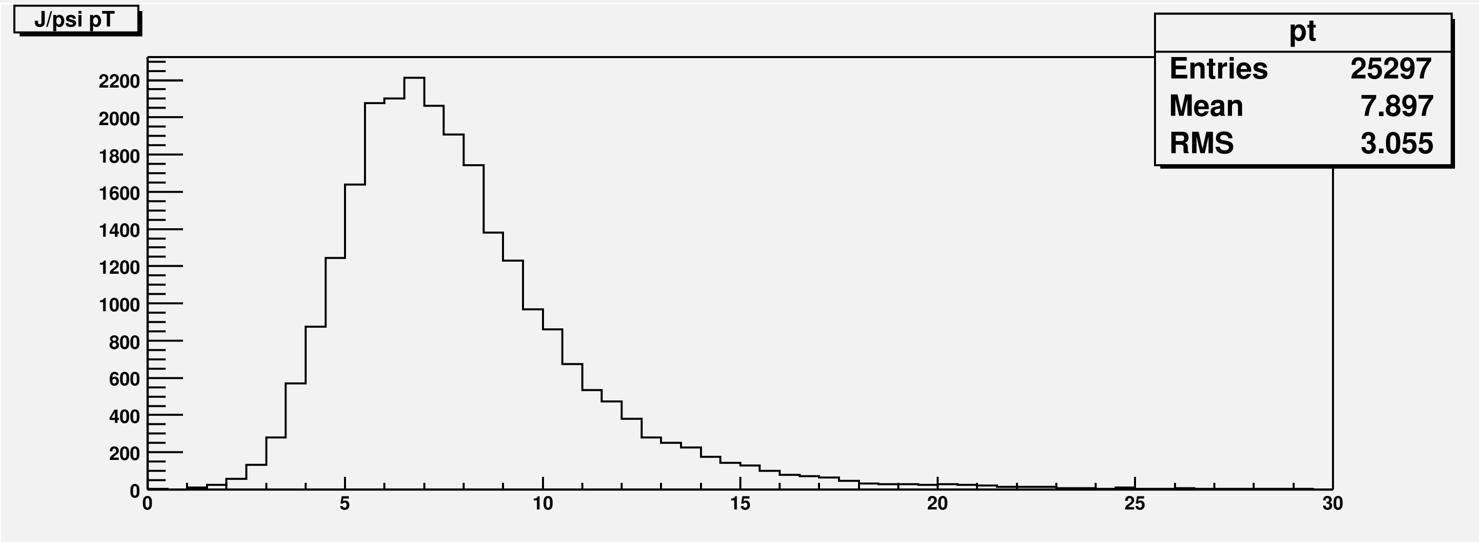
p14.05.00

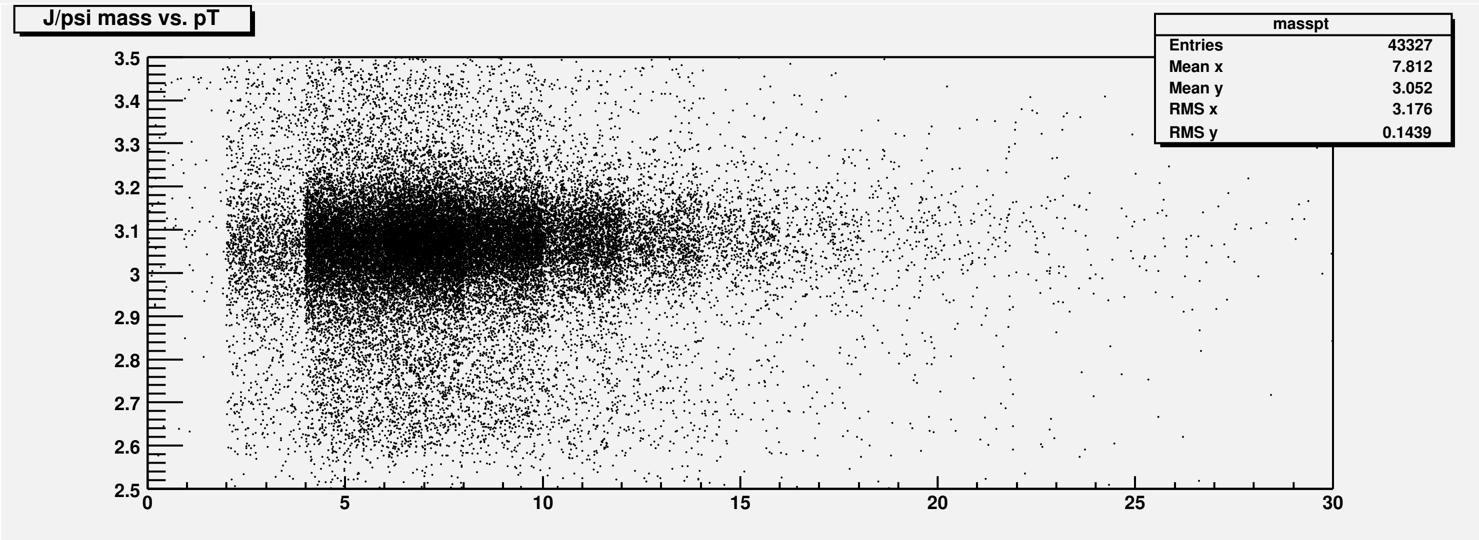

J/psi pT
pt
Entries 25297
Mean 7.897
RMS 3.055
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200
0 5 10 15 20 25 30

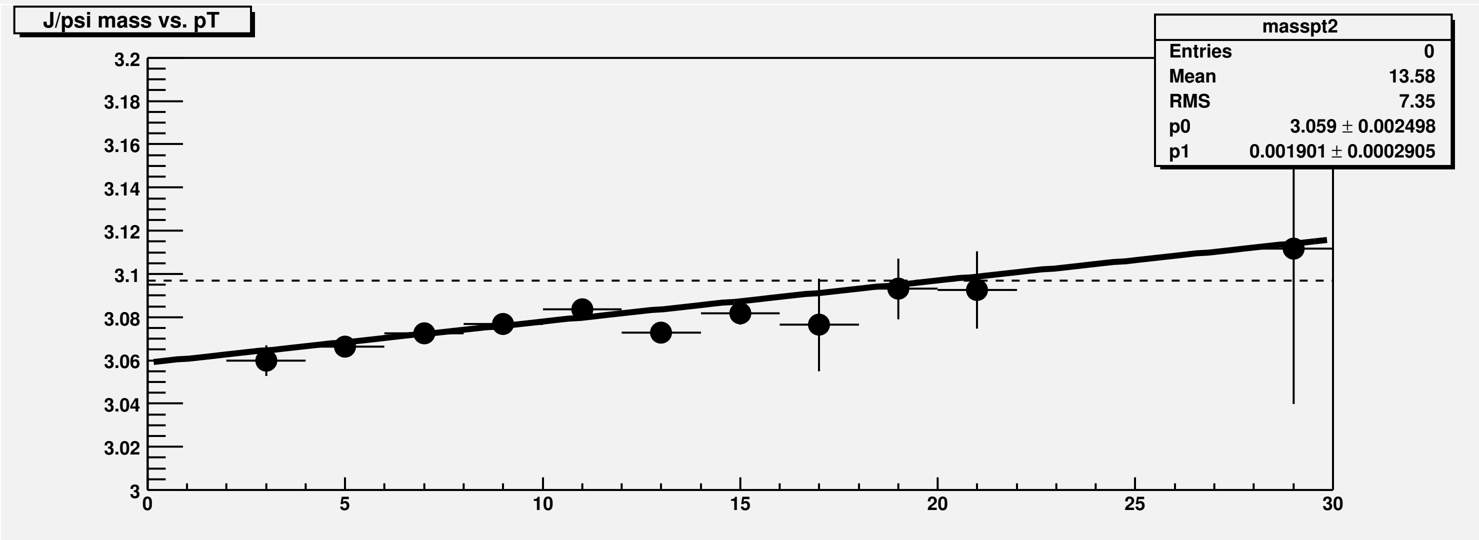

J/psi mass vs. pT
masspt
Entries 43327
Mean x 7.812
Mean y 3.052
RMS x 3.176
RMS y 0.1439
2.5 2.6 2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5
0 5 10 15 20 25 30


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.58
RMS 7.35
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

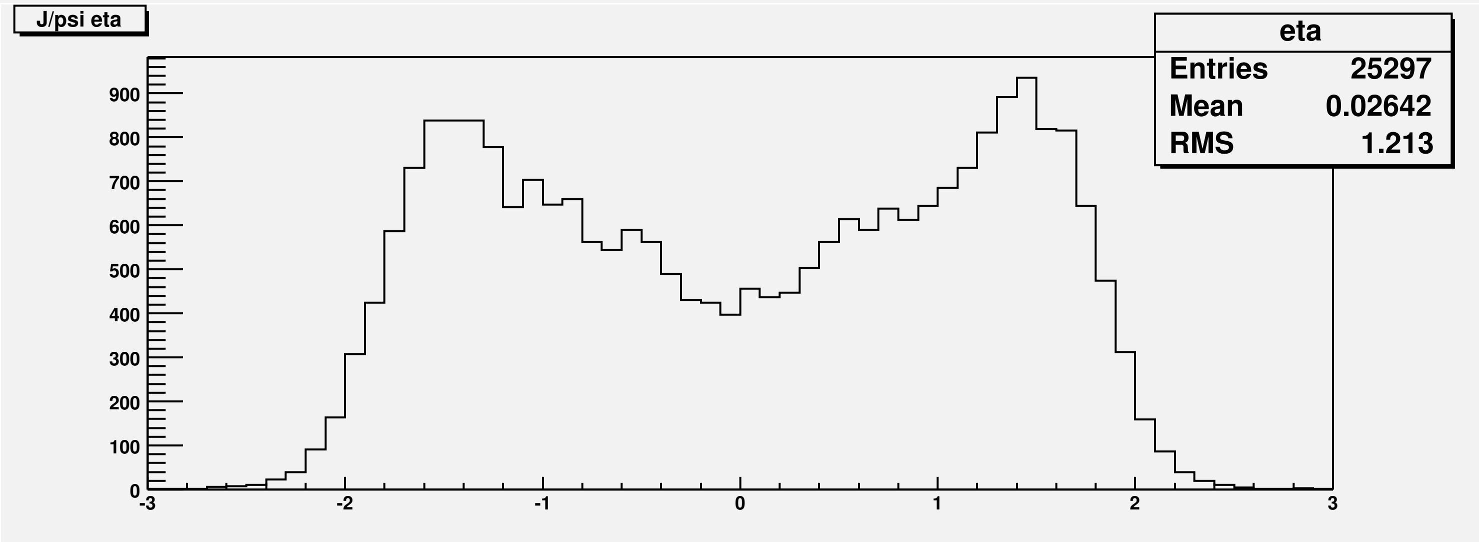
p14.05.00

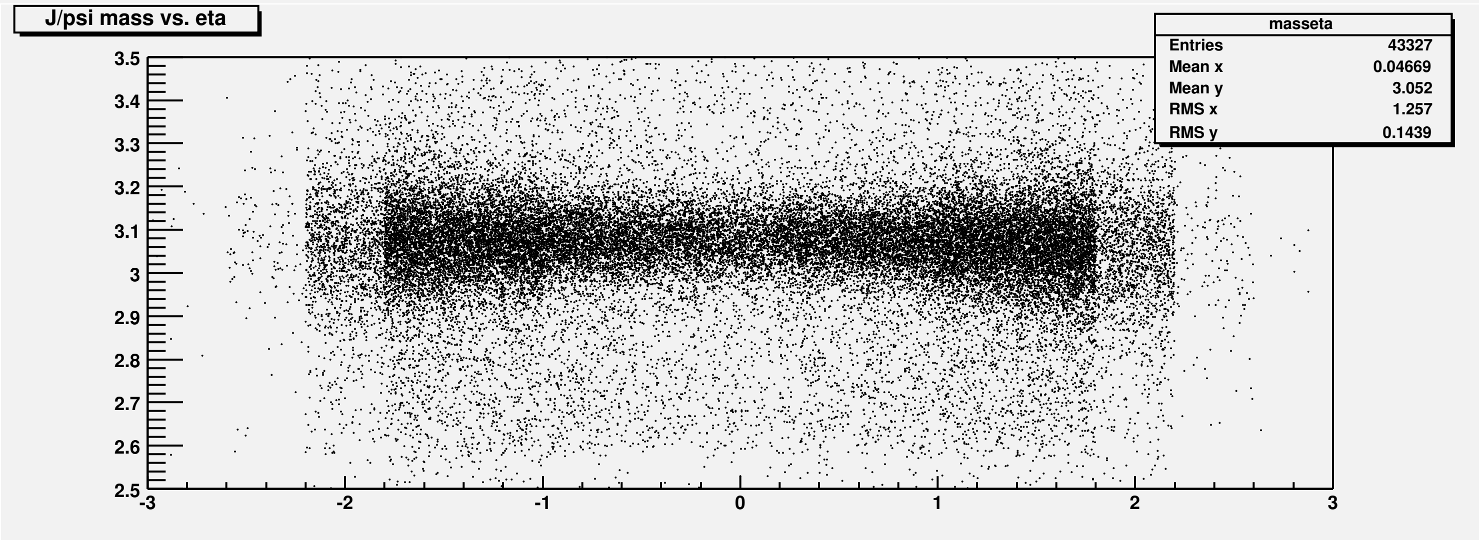

J/psi pT
pt
Entries 25297
Mean 7.897
RMS 3.055

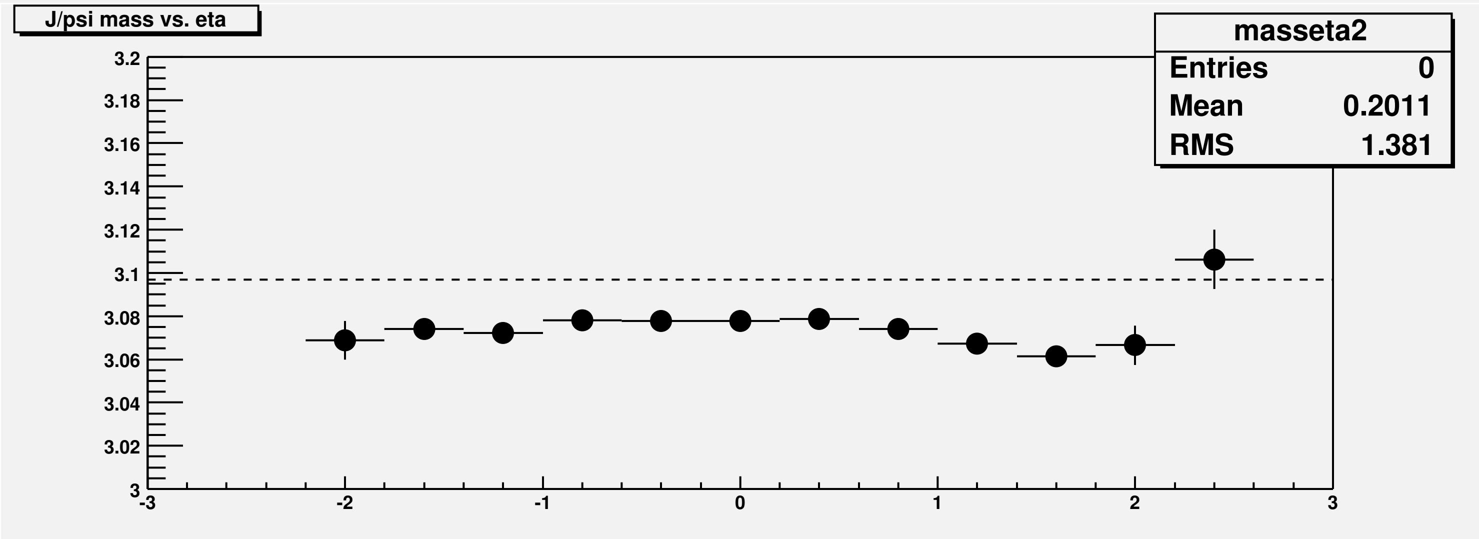

J/psi mass vs. pT
masspt
Entries 43327
Mean x 7.812
Mean y 3.052
RMS x 3.176
RMS y 0.1439


J/psi mass vs. pT
masspt2
Entries 0
Mean 13.58
RMS 7.35
p0 3.059 ± 0.002498
p1 0.001901 ± 0.0002905

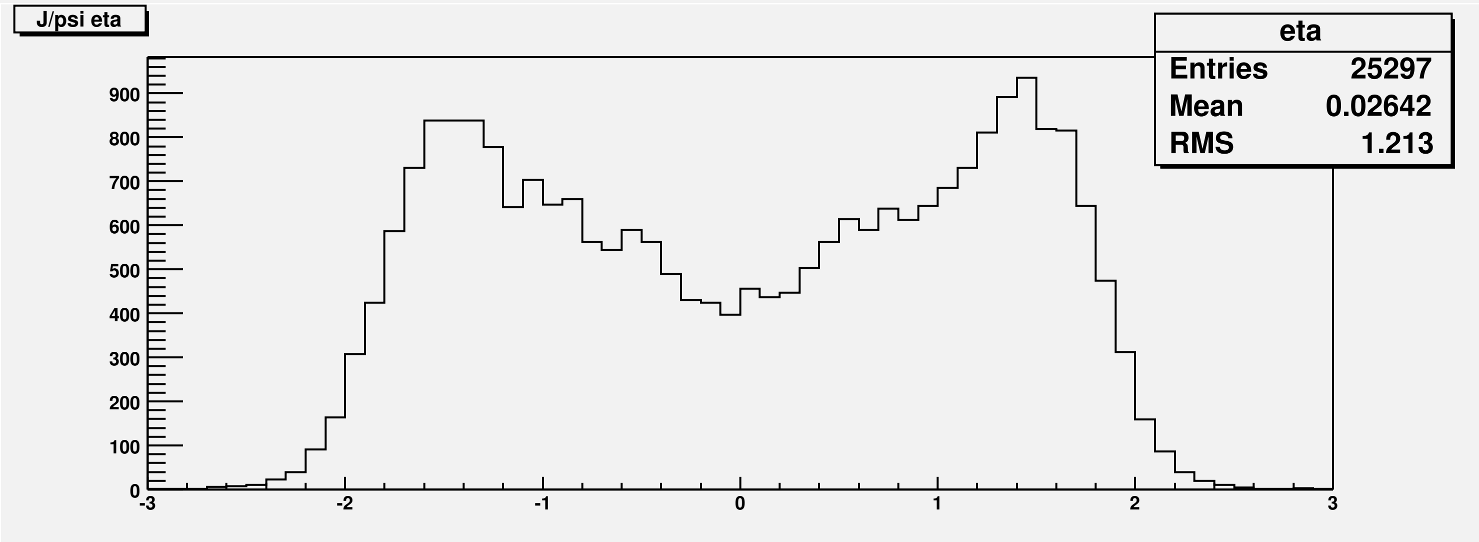
p14.05.00

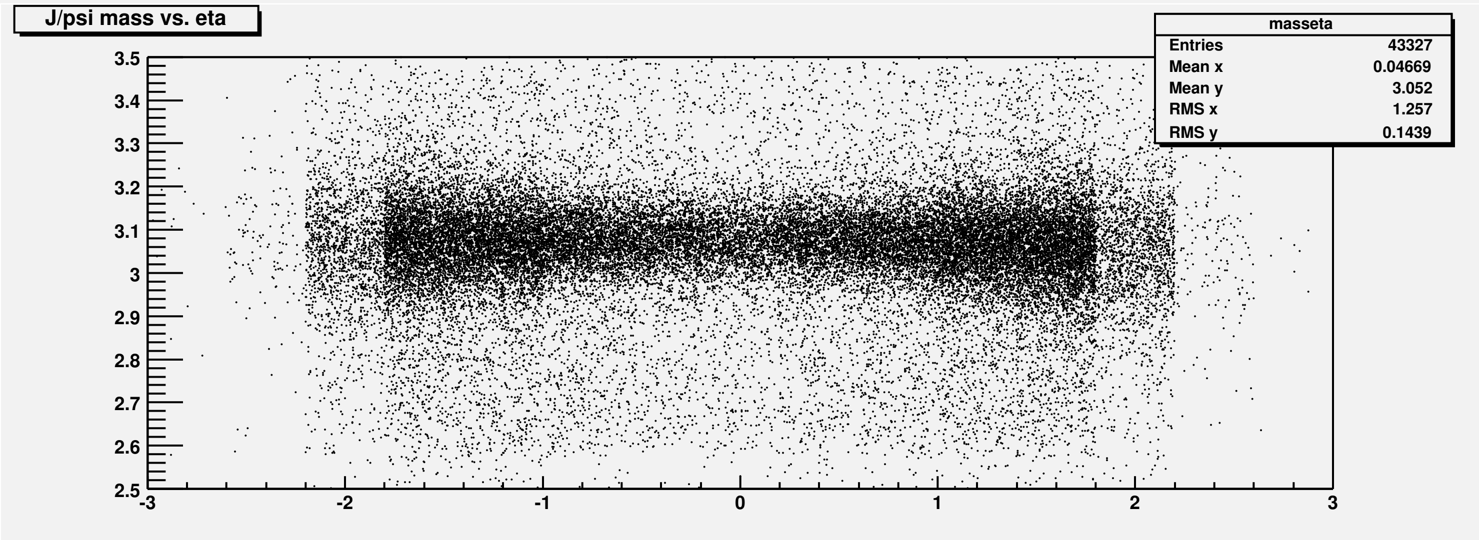

J/psi eta
eta
Entries 25297
Mean 0.02642
RMS 1.213

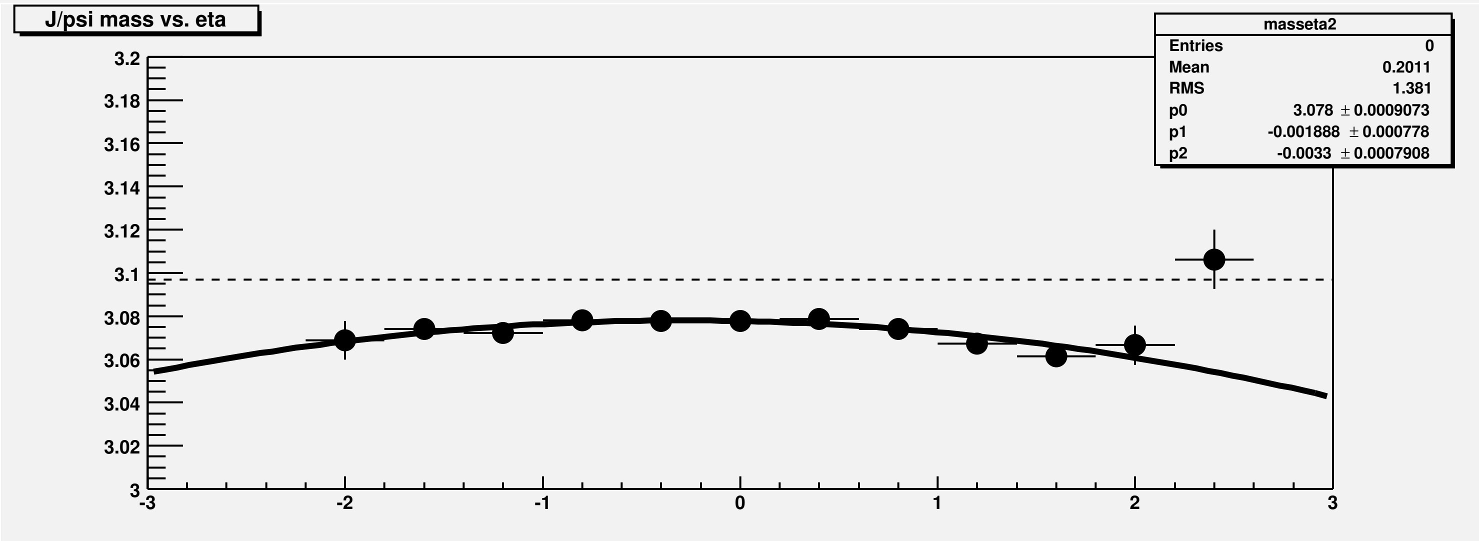

J/psi mass vs. eta
masseta
Entries 43327
Mean x 0.04669
Mean y 3.052
RMS x 1.257
RMS y 0.1439


J/psi mass vs. eta
masseta2
Entries 0
Mean 0.2011
RMS 1.381

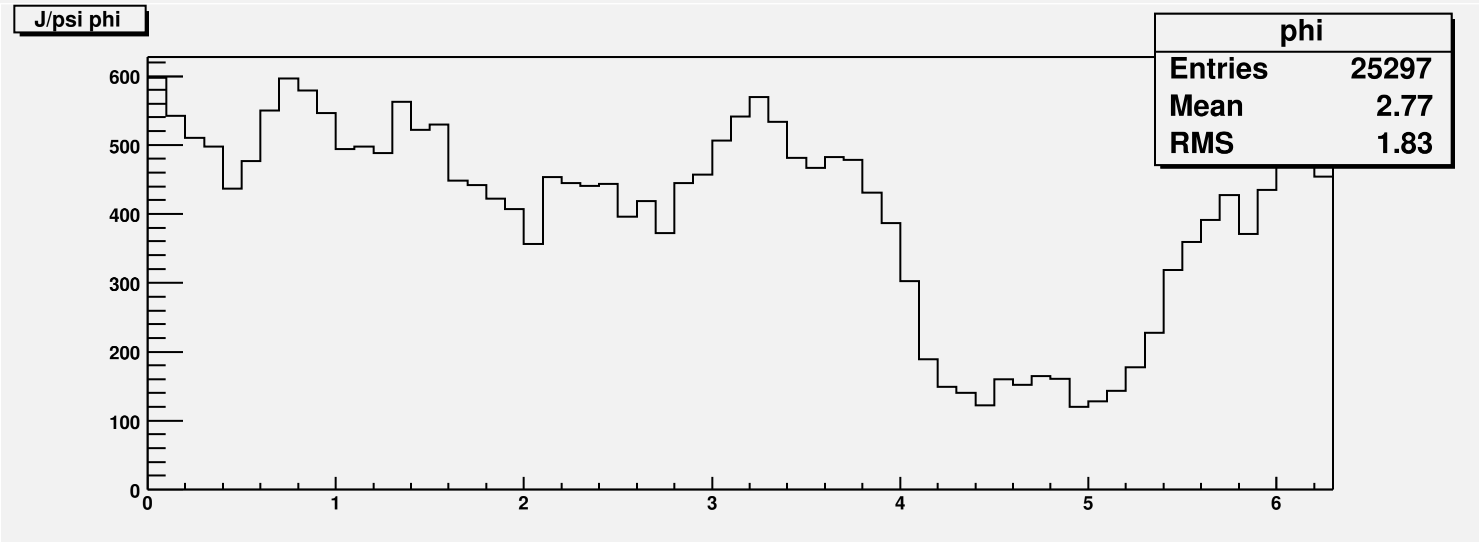
p14.05.00

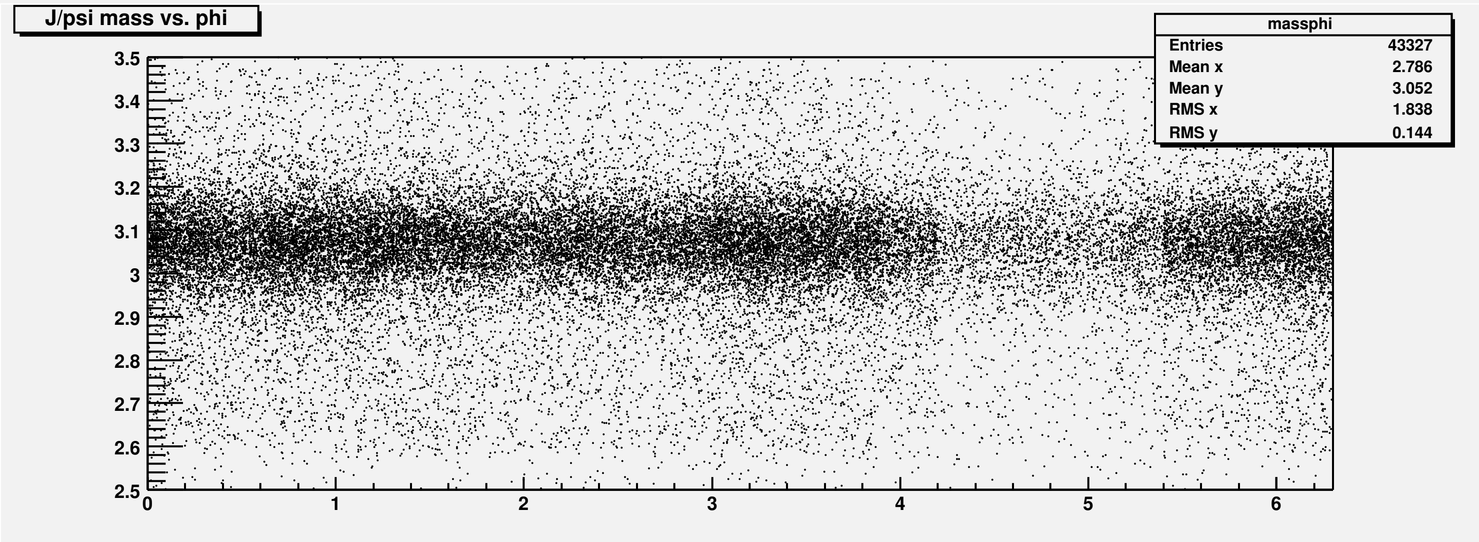

J/psi eta
eta
Entries 25297
Mean 0.02642
RMS 1.213

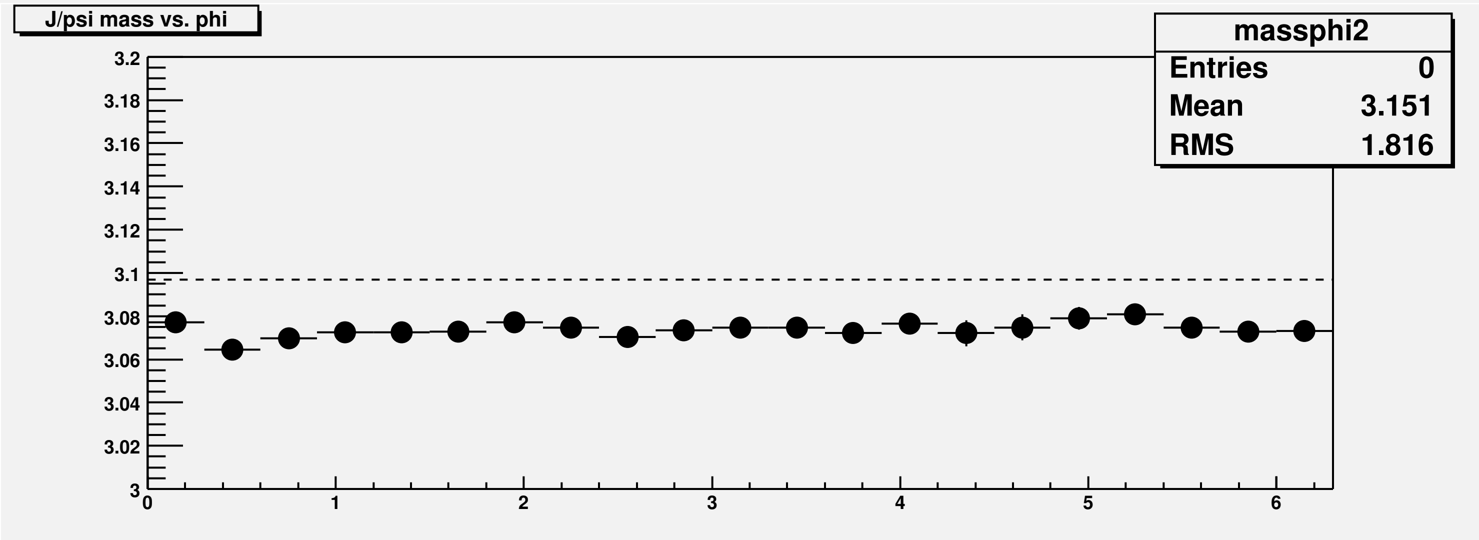

J/psi mass vs. eta
masseta
Entries 43327
Mean x 0.04669
Mean y 3.052
RMS x 1.257
RMS y 0.1439


J/psi mass vs. eta
masseta2
Entries 0
Mean 0.2011
RMS 1.381
p0 3.078 ± 0.0009073
p1 -0.001888 ± 0.000778
p2 -0.0033 ± 0.0007908

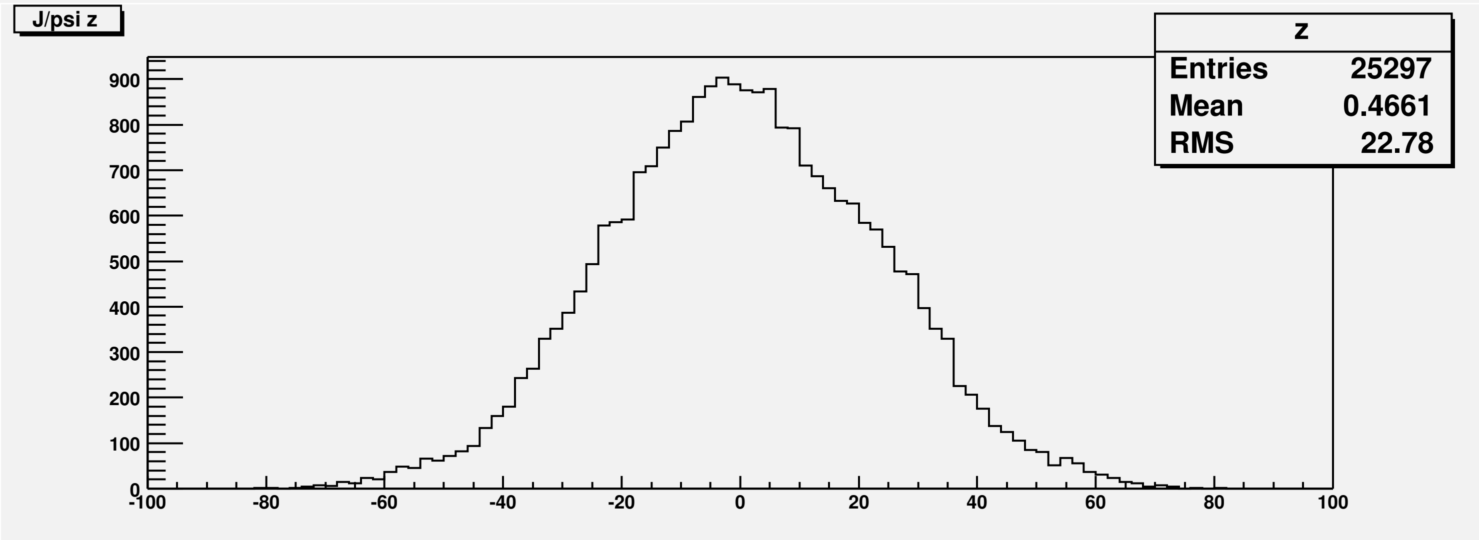
p14.05.00

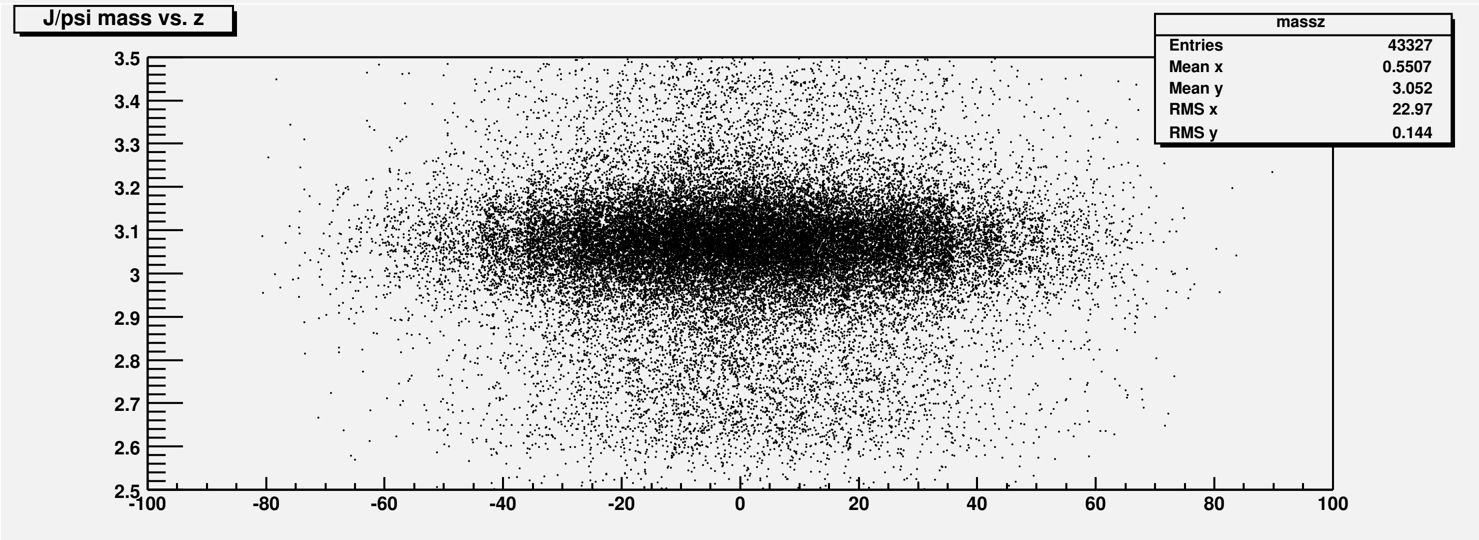

J/psi phi
phi
Entries 25297
Mean 2.77
RMS 1.83
0
100
200
300
400
500
600
0
1
2
3
4
5
6

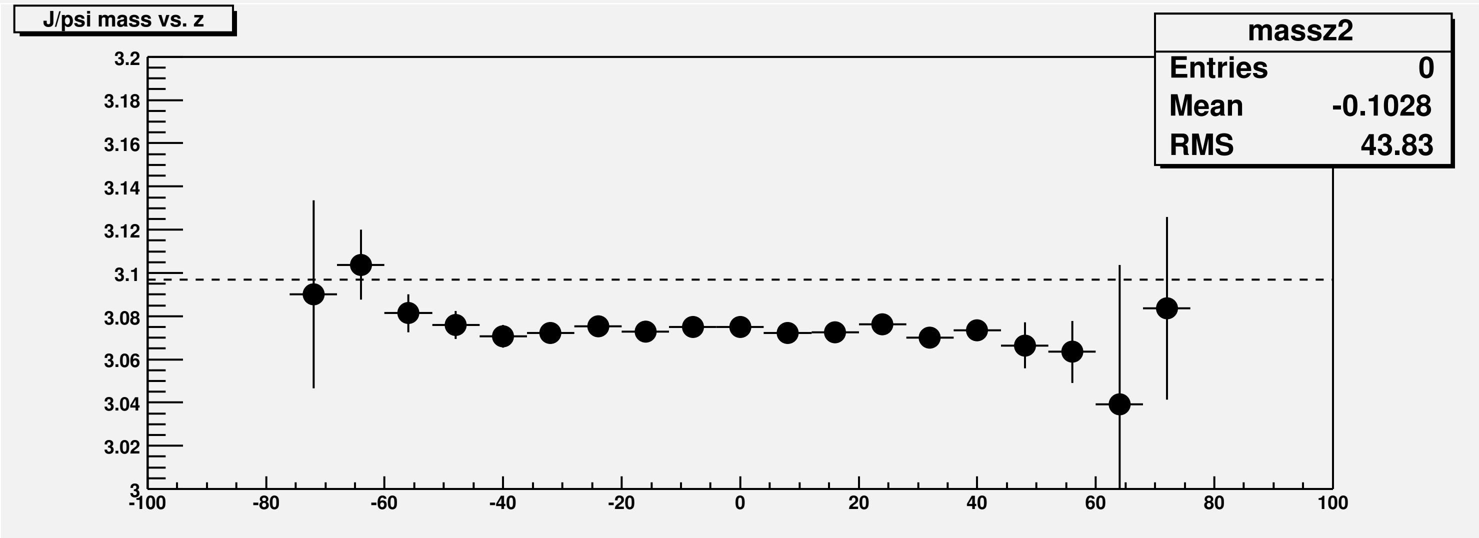

J/psi mass vs. phi
massphi
Entries 43327
Mean x 2.786
Mean y 3.052
RMS x 1.838
RMS y 0.144
2.5
2.6
2.7
2.8
2.9
3
3.1
3.2
3.3
3.4
3.5
0
1
2
3
4
5
6


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

p14.05.00


J/psi z
z
Entries 25297
Mean 0.4661
RMS 22.78


J/psi mass vs. z
massz
Entries 43327
Mean x 0.5507
Mean y 3.052
RMS x 22.97
RMS y 0.144


J/psi mass vs. z
massz2
Entries 0
Mean -0.1028
RMS 43.83