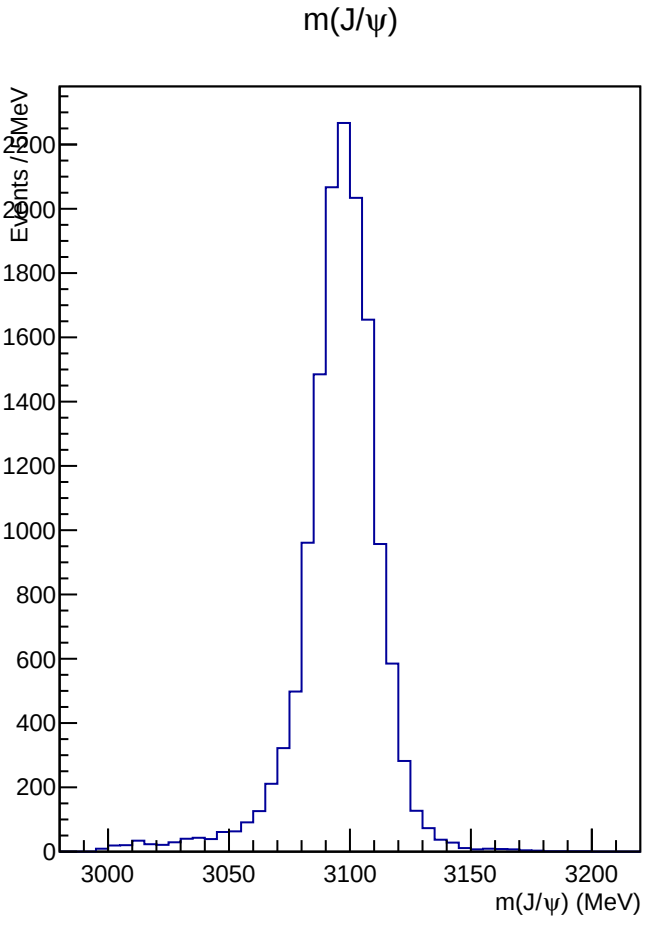
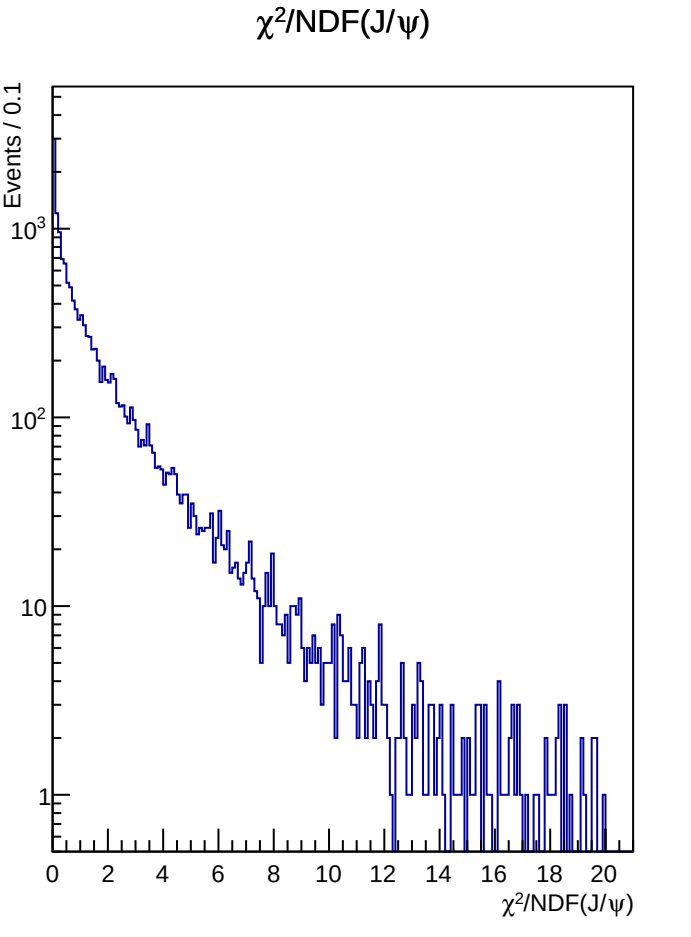
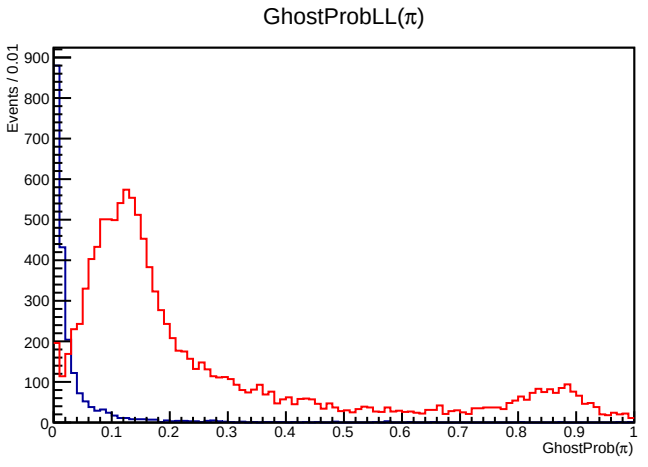
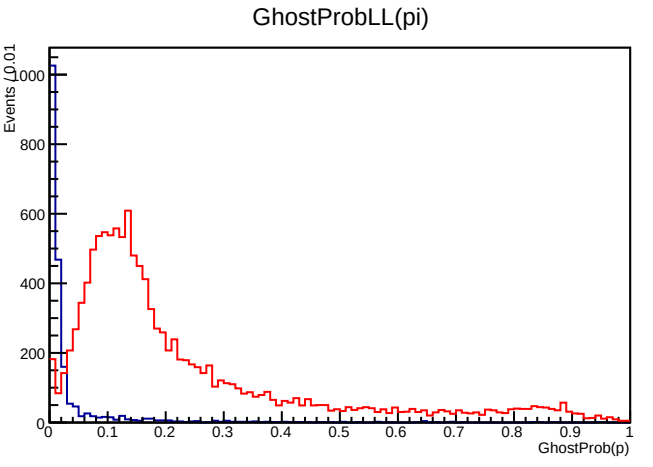
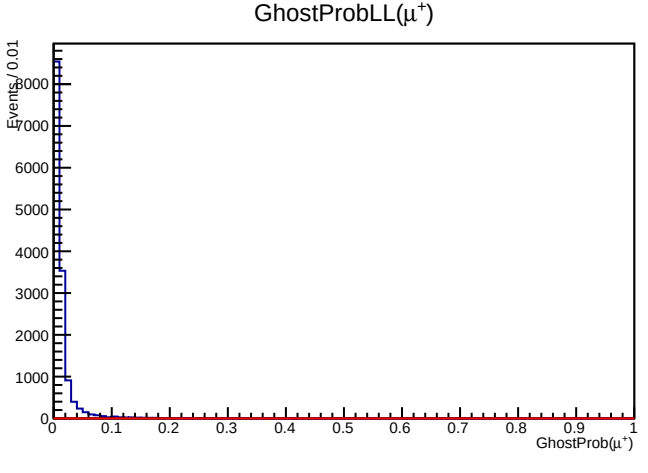
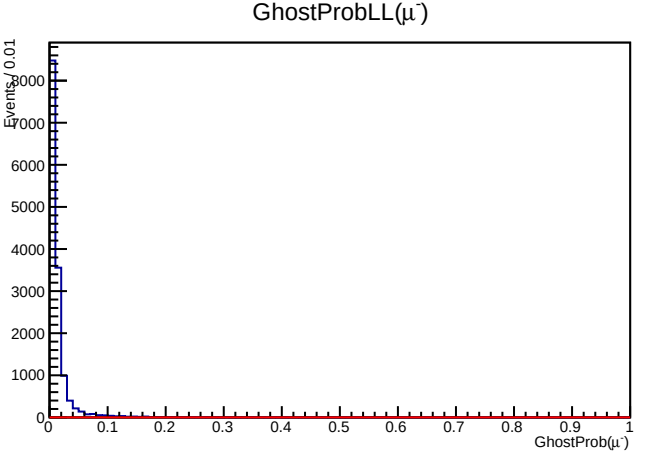

m(J/ψ)
Events / 5 MeV
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
3000
3050
3100
3150
3200
m(J/ψ) (MeV)

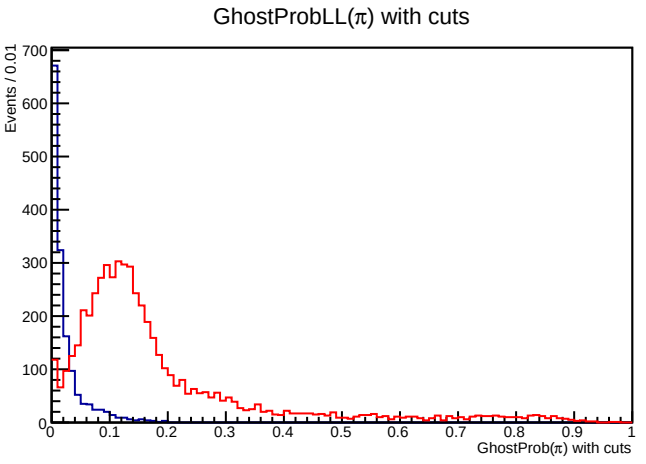

χ²/NDF(J/ψ)
Events / 0.1
10³
10²
10
1
0
2
4
6
8
10
12
14
16
18
20
χ²/NDF(J/ψ)

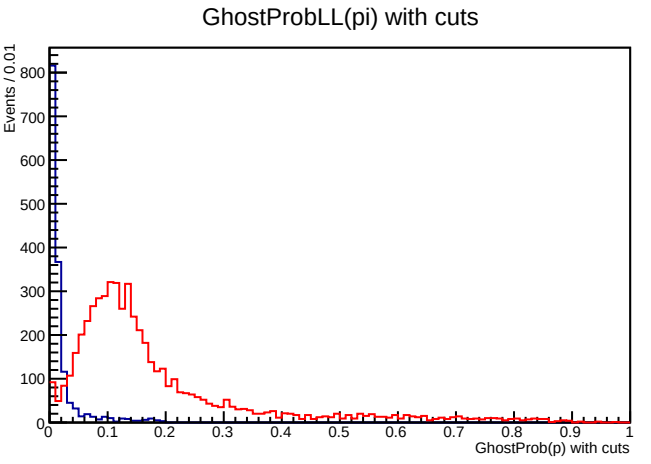

GhostProbLL(π)
Events / 0.01
GhostProb(π)

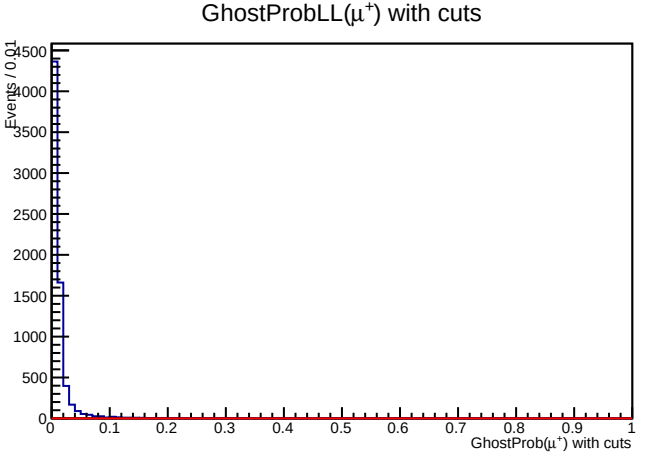

GhostProbLL(pi)
Events / 0.01
GhostProb(p)

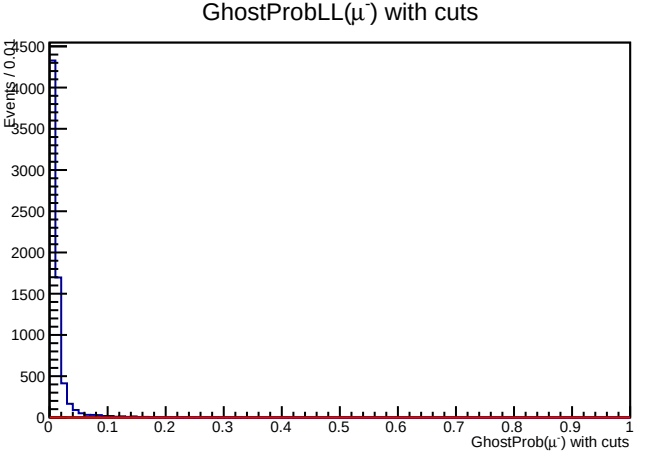

GhostProbLL(μ+)
Events / 0.01
GhostProb(μ+)

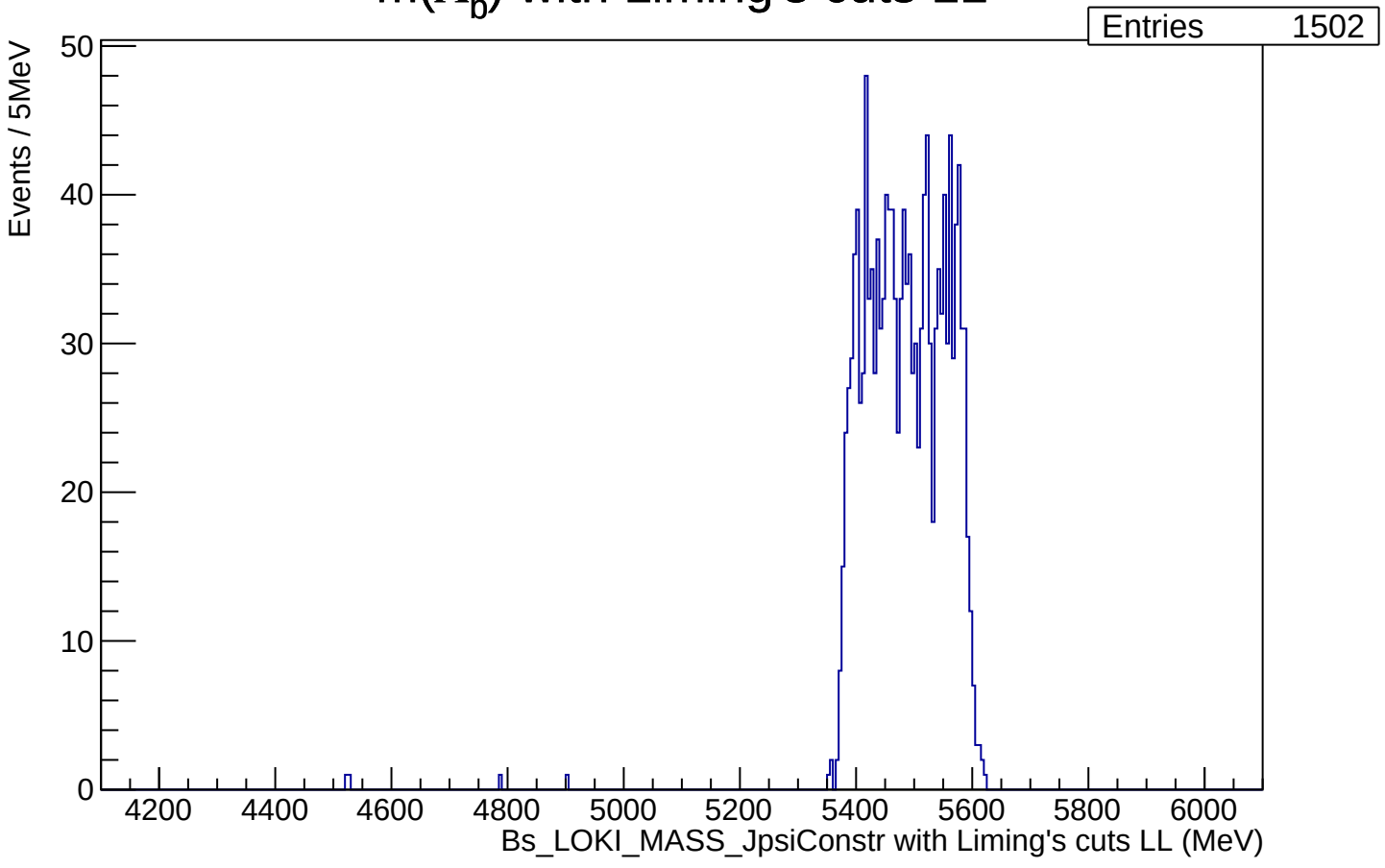

GhostProbLL(μ-)
Events / 0.01
GhostProb(μ-)

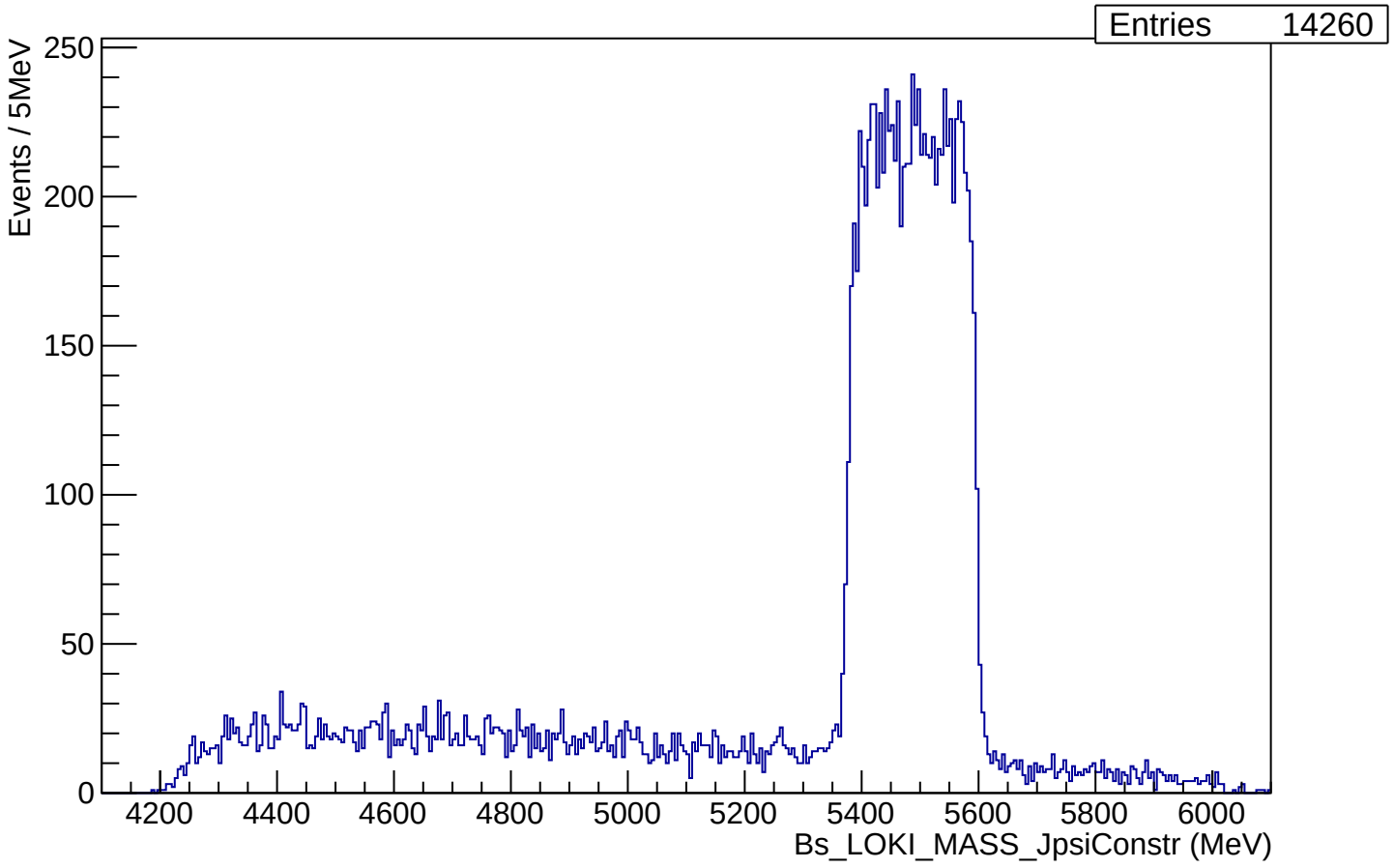

GhostProbLL(π) with cuts
Events / 0.01
GhostProb(π) with cuts

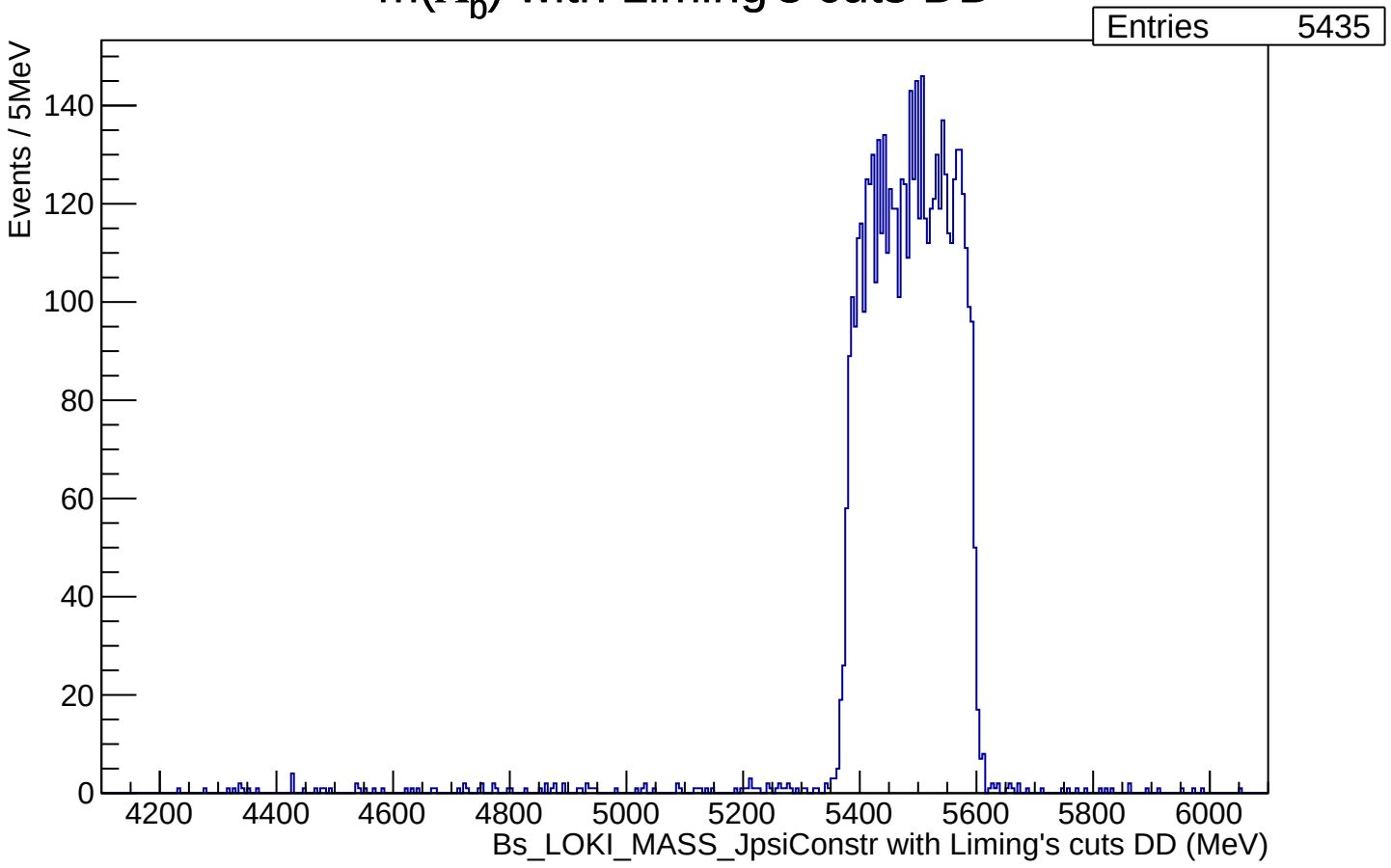

GhostProbLL(pi) with cuts
Events / 0.01
GhostProb(p) with cuts

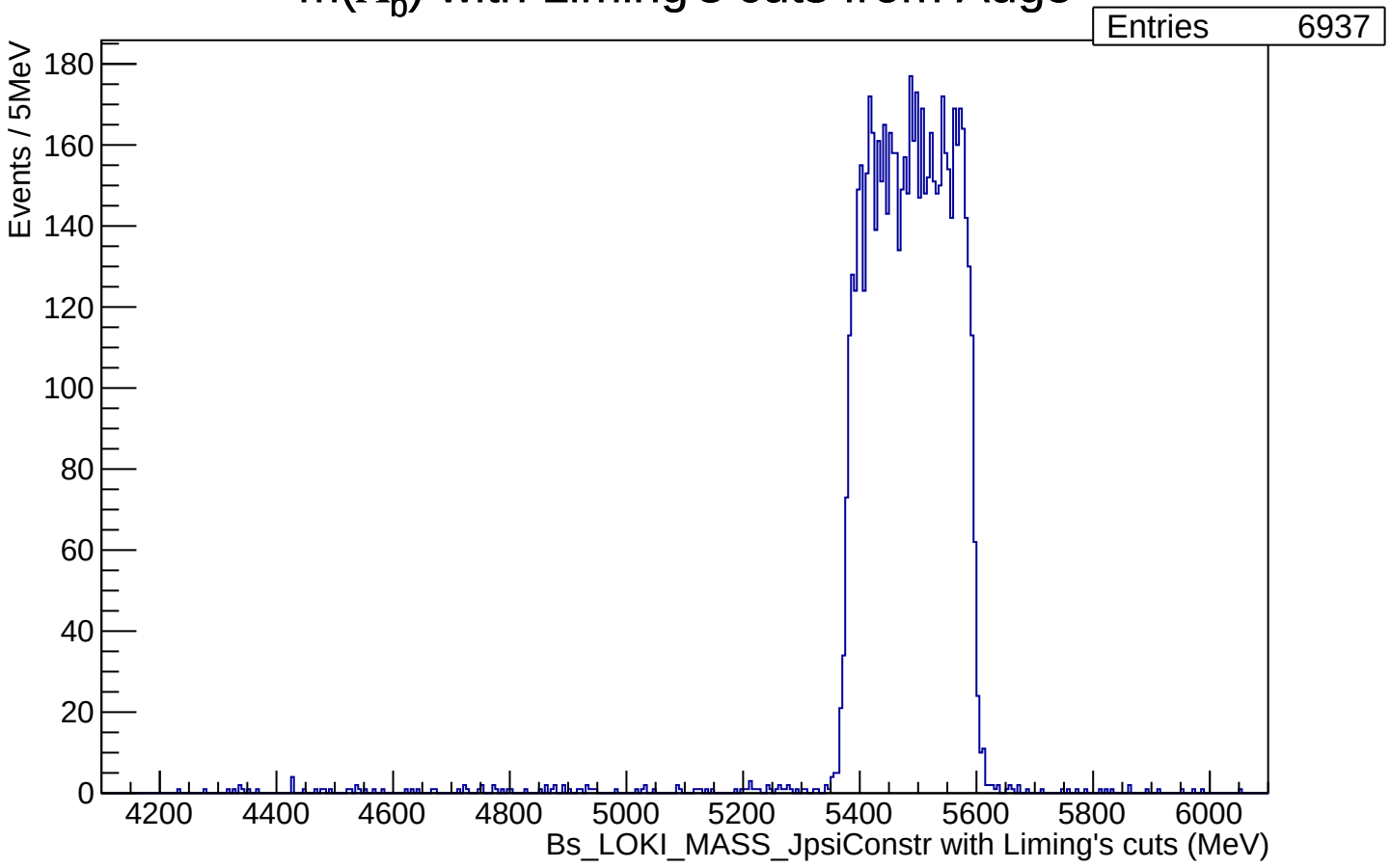

GhostProbLL(μ+) with cuts
Events / 0.01
GhostProb(μ+) with cuts

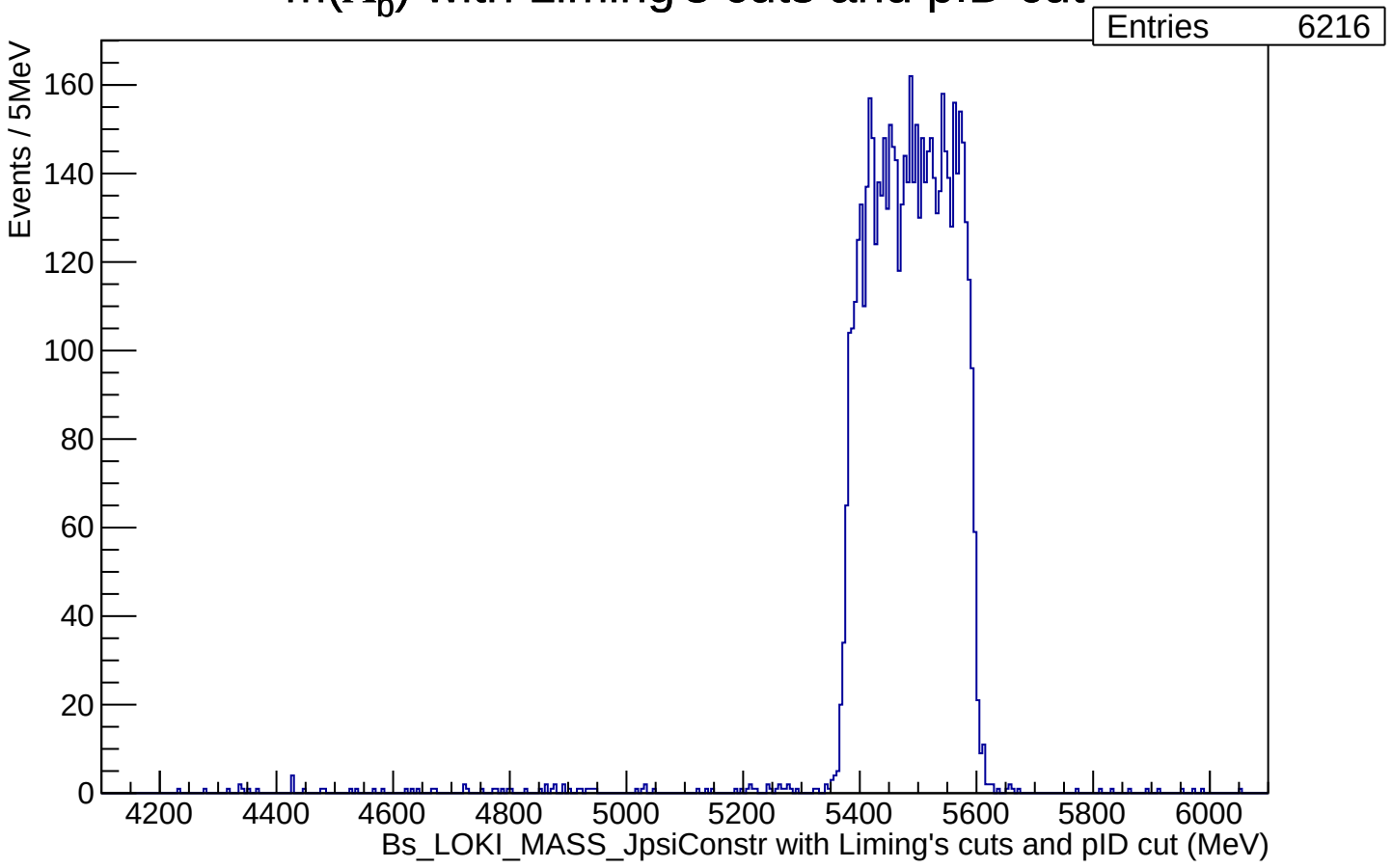

GhostProbLL(μ-) with cuts
Events / 0.01
GhostProb(μ-) with cuts

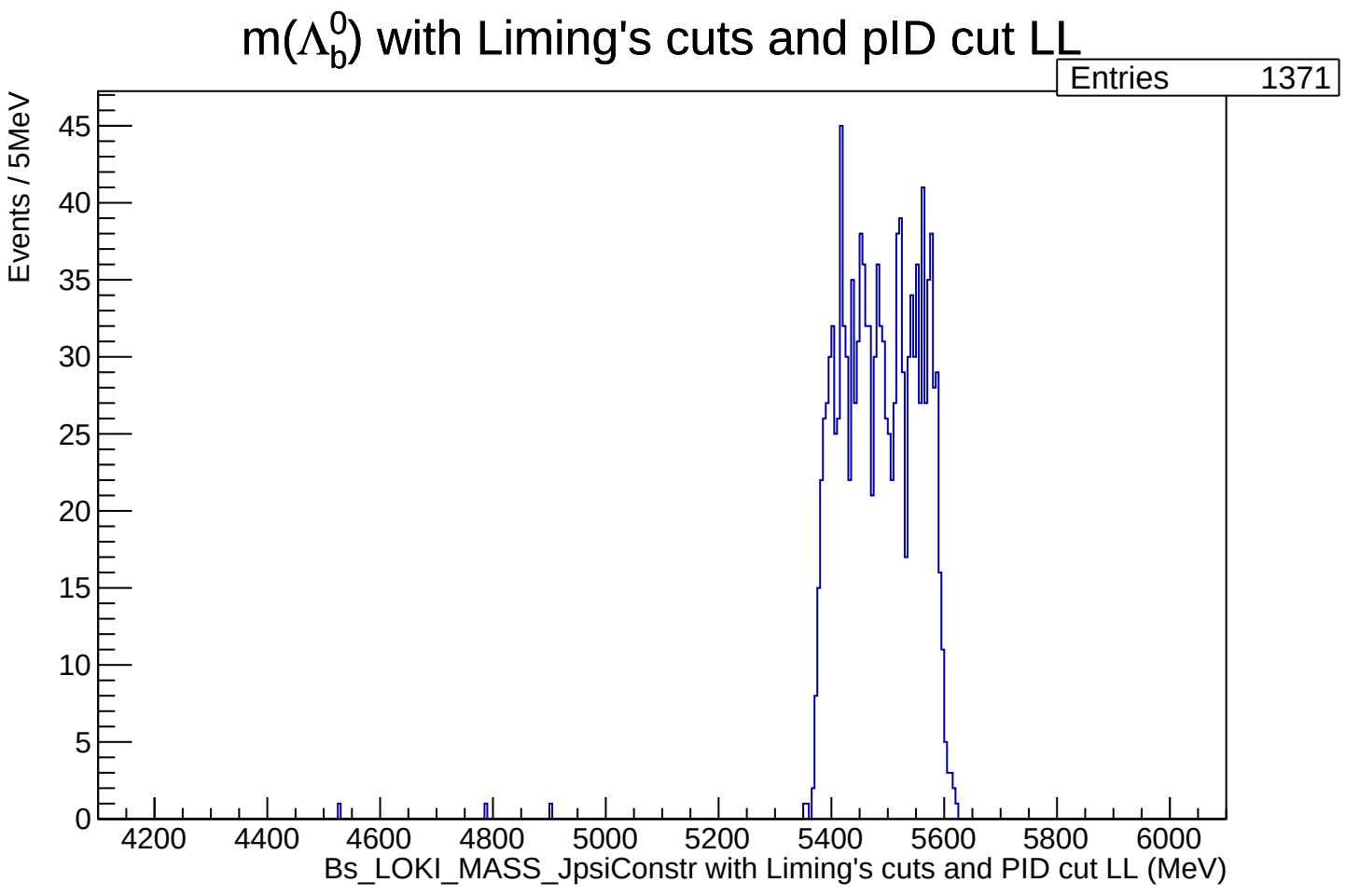

m(Λ_b^0) with Liming's cuts LL
Entries 1502
Events / 5MeV
0
10
20
30
40
50
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts LL (MeV)

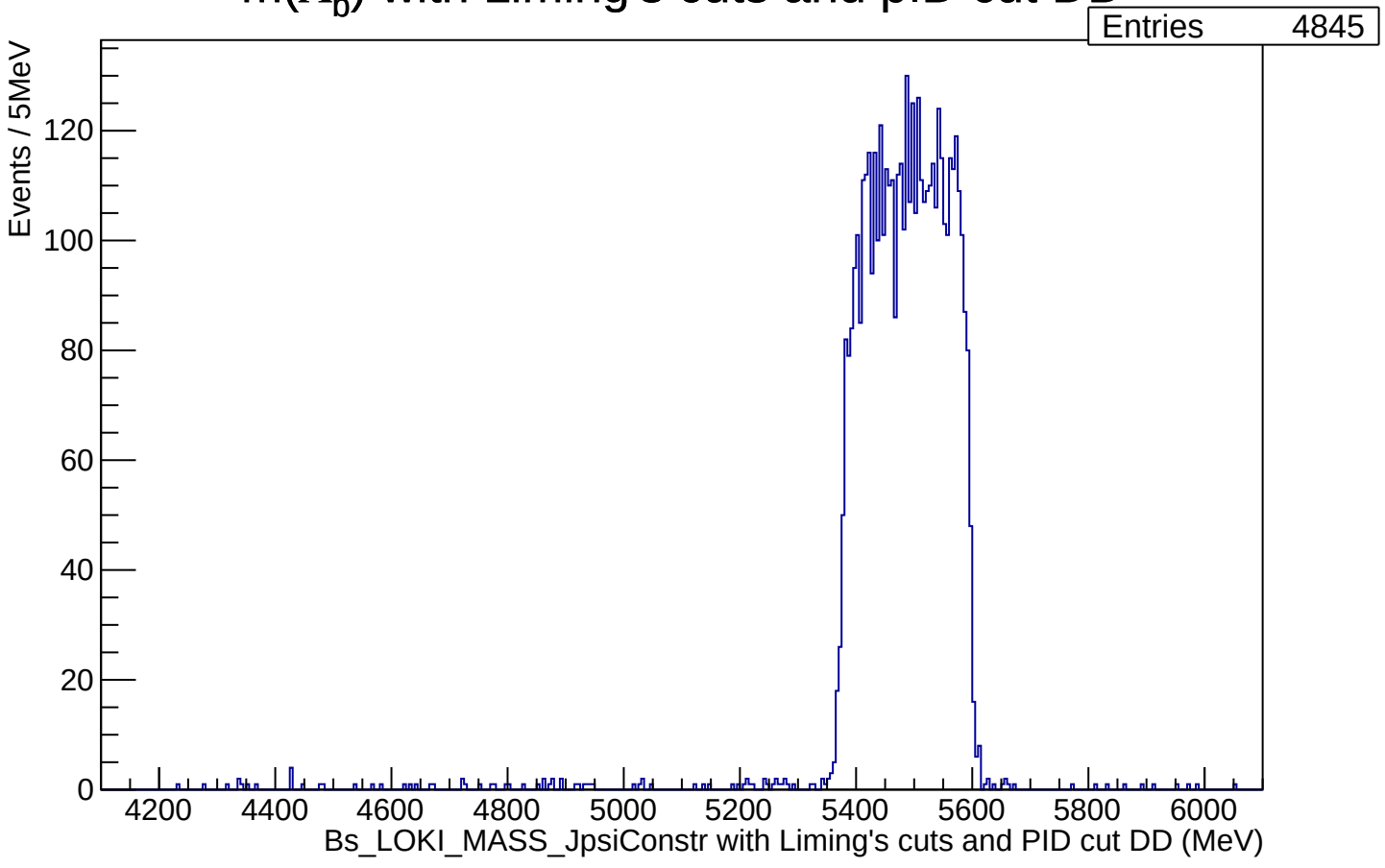

Bs_LOKI_MASS_JpsiConstr
Entries 14260
Events / 5MeV
250
200
150
100
50
0
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr (MeV)


m(Λ_b^0) with Liming's cuts DD
Entries 5435
Events / 5MeV
0
20
40
60
80
100
120
140
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts DD (MeV)


m(Λ_b^0) with Liming's cuts from Aug5
Entries 6937
Events / 5MeV
0
20
40
60
80
100
120
140
160
180
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts (MeV)


m(Λ_b^0) with Liming's cuts and pID cut
Entries 6216
Events / 5MeV
0
20
40
60
80
100
120
140
160
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts and pID cut (MeV)


m(Λ_b^0) with Liming's cuts and pID cut LL
Entries 1371
Events / 5MeV
0
5
10
15
20
25
30
35
40
45
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts and PID cut LL (MeV)


$m(\Lambda_b^0)$ with Liming's cuts and pID cut DD
Entries 4845
Events / 5MeV
0
20
40
60
80
100
120
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
Bs_LOKI_MASS_JpsiConstr with Liming's cuts and PID cut DD (MeV)