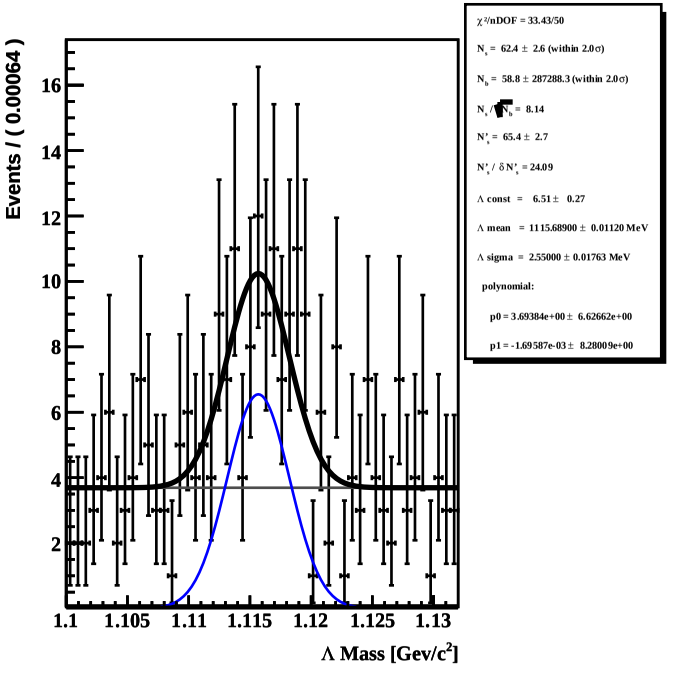
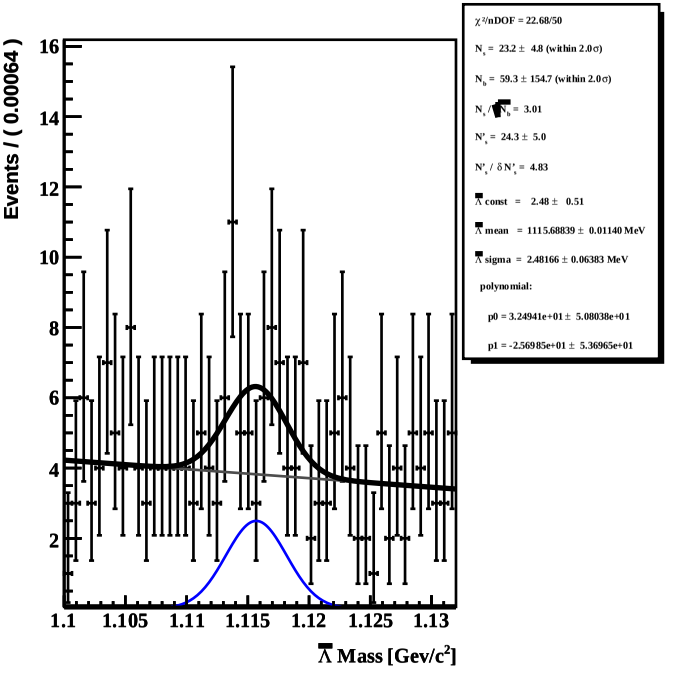

Events / (0.00064)
16
14
12
10
8
6
4
2
1.1
1.105
1.11
1.115
1.12
1.125
1.13
Λ Mass [Gev/c²]
χ²/nDOF = 33.43/50
N_s = 62.4 ± 2.6 (within 2.0σ)
N_b = 58.8 ± 287288.3 (within 2.0σ)
N_s/√N_b = 8.14
N'_s = 65.4 ± 2.7
N'_s / δ N'_s = 24.09
Λ const = 6.51 ± 0.27
Λ mean = 1115.68900 ± 0.01120 MeV
Λ sigma = 2.55000 ± 0.01763 MeV
polynomial:
p0 = 3.69384e+00 ± 6.62662e+00
p1 = -1.69587e-03 ± 8.28009e+00


Events / (0.00064)
16
14
12
10
8
6
4
2
1.1
1.105
1.11
1.115
1.12
1.125
1.13
Λ̄ Mass [Gev/c²]
χ²/nDOF = 22.68/50
N_s = 23.2 ± 4.8 (within 2.0σ)
N_b = 59.3 ± 154.7 (within 2.0σ)
N_s/√N_b = 3.01
N'_s = 24.3 ± 5.0
N'_s / δ N'_s = 4.83
Λ̄ const = 2.48 ± 0.51
Λ̄ mean = 1115.68839 ± 0.01140 MeV
Λ̄ sigma = 2.48166 ± 0.06383 MeV
polynomial:
p0 = 3.24941e+01 ± 5.08038e+01
p1 = -2.56985e+01 ± 5.36965e+01