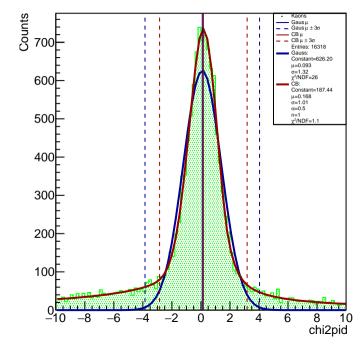
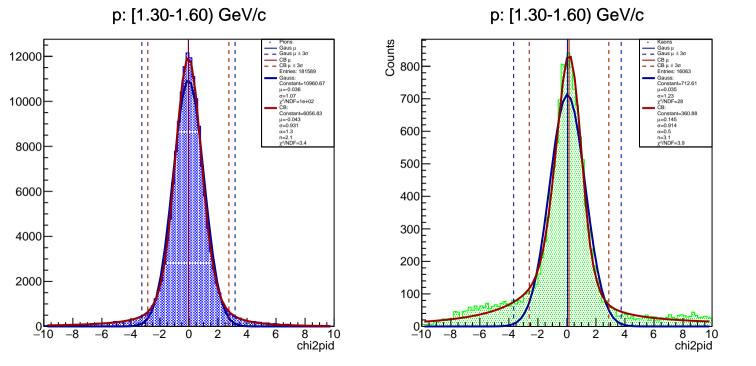
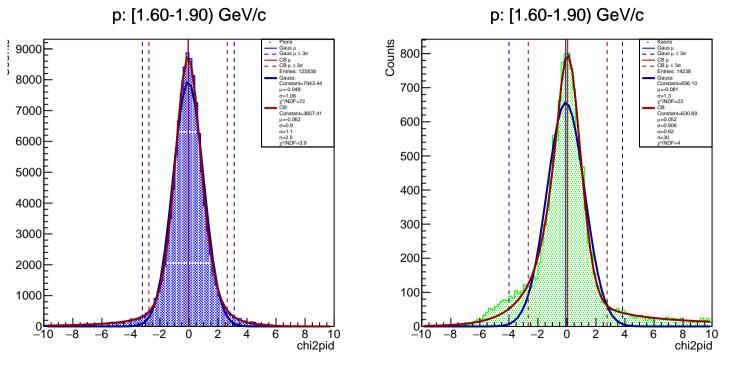
p: [1.00-1.30) GeV/c 16000 Gaus µ Gaus μ ± 3σ — CB μ — CB μ ± 3σ Entries: 257917 Gauss: 14000 Constant=14212.99 u = -0.024σ=1.12 γ²/NDF=1.6e+02 Constant=7917.09 12000 u = -0.013 $\sigma = 0.984$ $\alpha = 1.3$ n=1.9 $\gamma^{2}/NDF = 1.8$ 10000 8000 6000 4000 2000

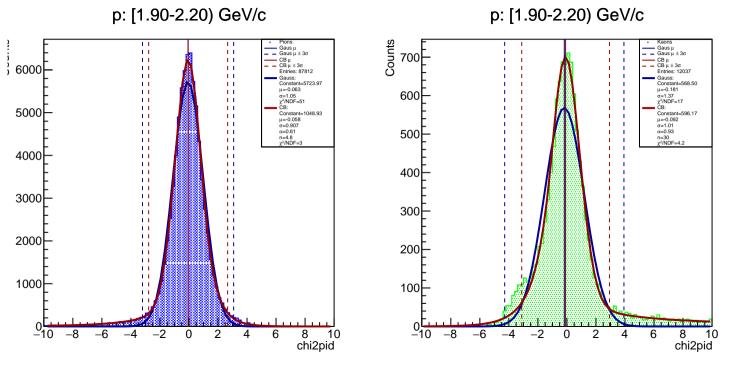
8 10 chi2pid

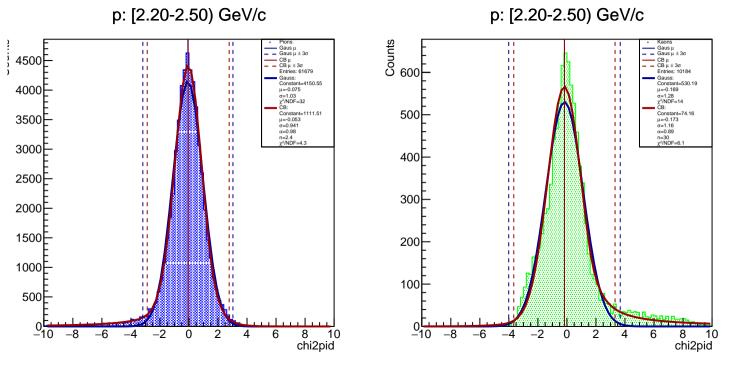
p: [1.00-1.30) GeV/c





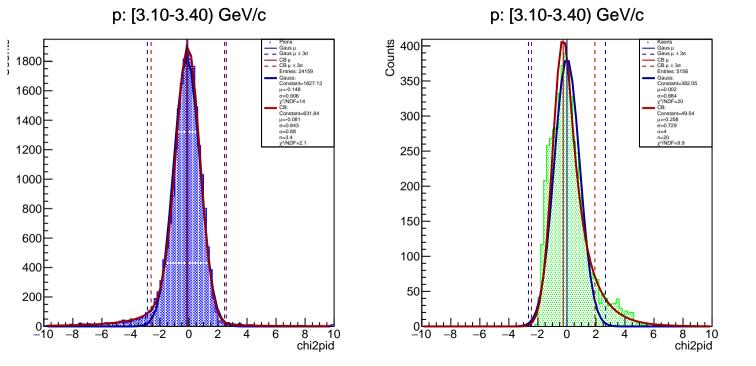


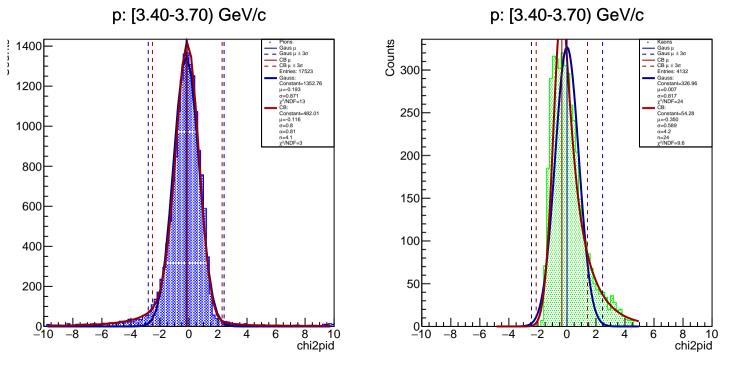




p: [2.50-2.80) GeV/c p: [2.50-2.80) GeV/c Counts 3500F — Gaus u Gaus u 1.1 Gaus μ + 3σ Gaus μ ± 3σ — СВ и 1.1 CB μ + 3σ Entries: 44290 Entries: 8409 1.1 Gauss: Gauss: 500 Constant=3155.89 Constant=502.52 3000 1.1 u=-0.100 u=-0.093 1.1 σ=0.982 σ=1.11 1.1 v²/NDF=26 ν²/NDF=17 1.1 Constant=2230.81 Constant=303.53 1.1 u=-0.071 u=-0.261 2500 1.1 σ=0.946 σ=1.01 400 $\alpha = 1.6$ 1.1 $\alpha = 4.9$ n=24 n=1.8 1.1 γ²/NDF=2.7 γ²/NDF=6.9 1.1 1.1 2000 1.1 1.1 300 1.1 1.1 1500 1.1 200 1.1 1.1 1000 100 500 W W W W W W ... 8 10 chi2pid 8 10 chi2pid

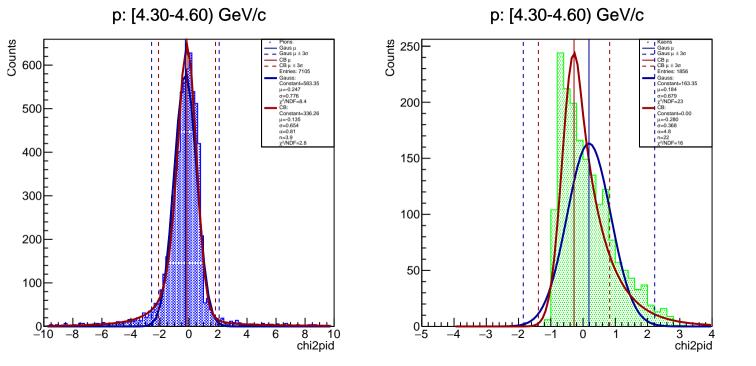
p: [2.80-3.10) GeV/c p: [2.80-3.10) GeV/c Counts 500 — Gaus u Gaus u 2500 Gaus μ + 3σ Gaus μ ± 3σ — СВ и - CB μ ± 3σ Entries: 32444 Entries: 6722 Gauss: Gauss: Constant=2438.44 Constant=436.77 u=-0.138 u=-0.084 σ=0.926 σ=1.04 γ²/NDF=16 400 ν²/NDF=16 2000 Constant=2493.00 Constant=174.64 u=-0.101 u=-0.259 σ=0.893 σ=0.909 $\alpha = 1.7$ n=16 n=1.9 γ²/NDF=2.7 γ²/NDF=6.2 300 1500 200 1000 100 500 8 10 chi2pid 8 10 chi2pid

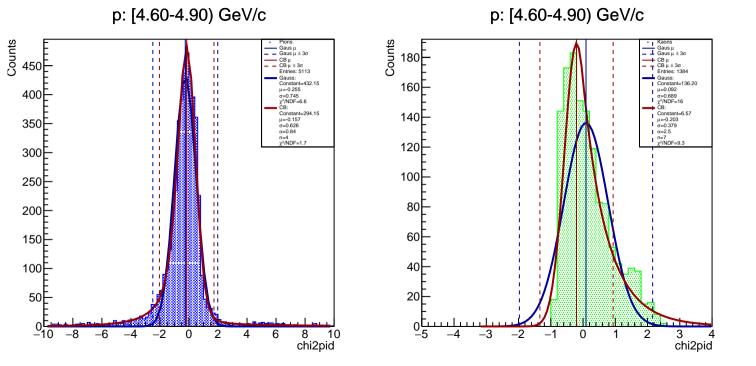


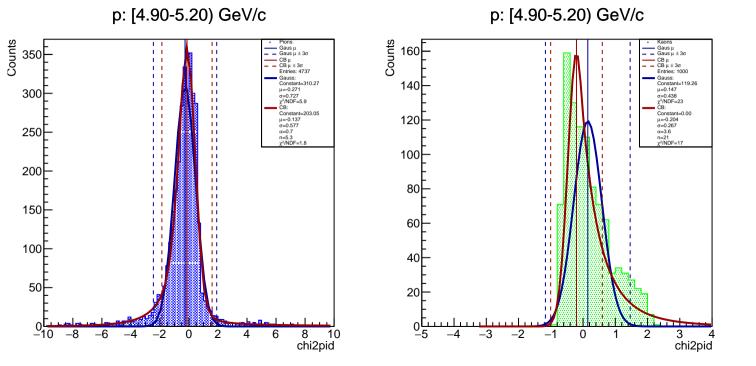


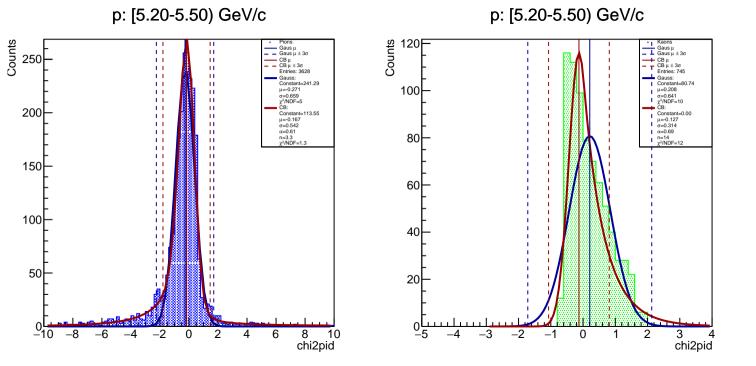
p: [3.70-4.00) GeV/c p: [3.70-4.00) GeV/c Pions
 Gaus u Counts Gaus u Gaus μ ± 3σ Gaus μ ± 3σ 250 — СВ и — CB μ — CB μ ± 3σ Entries: 3035 - CB μ ± 3σ Entries: 13088 1000 Gauss: Gauss: Constant=1048.28 Constant=261.45 u=-0.191 u=0.140 σ=0.653 σ=0.836 γ²/NDF=10 γ²/NDF=33 ĈB: 200 Constant=448.34 Constant=41.46 u=-0.106 u=-0.204 800 σ=0.75 σ=0.49 $\alpha = 0.81$ $\alpha = 4.2$ n=26 n=4.4 γ²/NDF=2.4 γ²/NDF=20 150 600 100 400 50 200 8 10 chi2pid

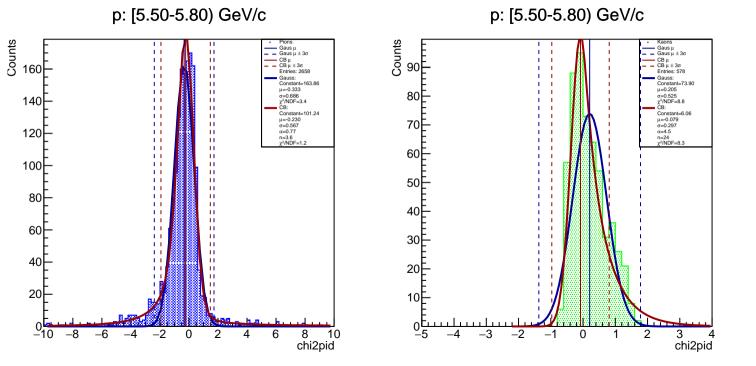
p: [4.00-4.30) GeV/c p: [4.00-4.30) GeV/c Counts Pions
Gaus u Counts 250 Gaus u 800 Gaus μ + 3σ Gaus μ ± 3σ — CB и — CB μ — CB μ ± 3σ Entries: 2300 - CB μ ± 3σ Entries: 9661 п Gauss: Gauss: Constant=198.00 Constant=777.68 700 u=-0.216 u=0.121 σ=0.818 σ=0.739 γ²/NDF=8.4 200 χ²/NDF=20 Constant=344.08 Constant=9.43 600 u=-0.117 u=-0.300 $\sigma = 0.721$ $\sigma = 0.452$ α=0.72 $\alpha = 4.5$ n=21 n=6.4 γ²/NDF=2.2 γ²/NDF=11 п 500 150 400 100 300 200 50 100 8 10 chi2pid -2

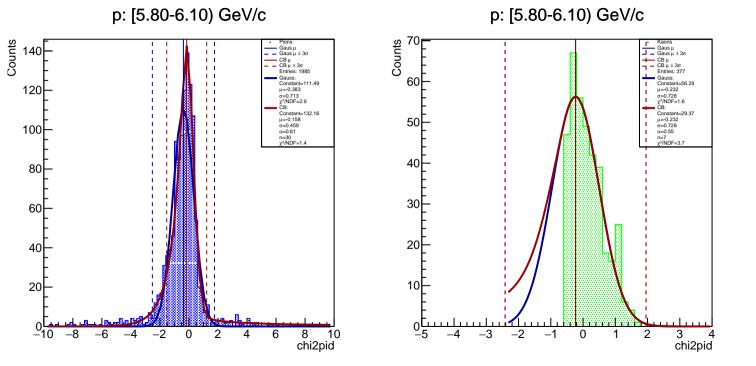


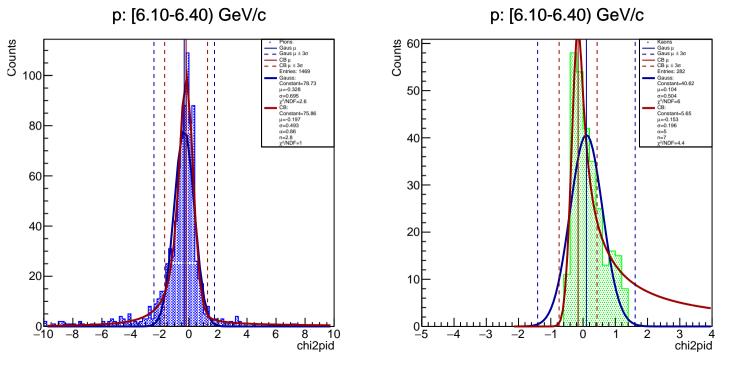






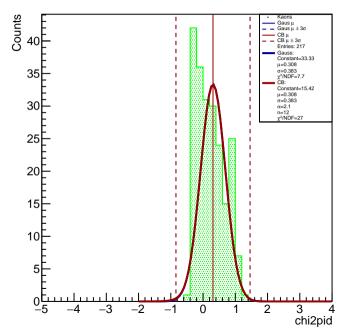






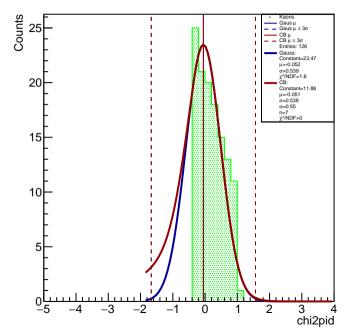
p: [6.40-6.70) GeV/c Counts Pions
Gaus u 1.1 1.1 Gaus μ ± 3σ 1.1 1.1 1.1 Gauss: Constant=58.66 1.1 u=-0.336 60 $\sigma = 0.63$ $\chi^2/NDF = 2$ 1.1 Constant=43.93 1.1 u=-0.262 σ=0.486 50 1.1 n=1.8 γ²/NDF=0.84 40 30 8 10 chi2pid

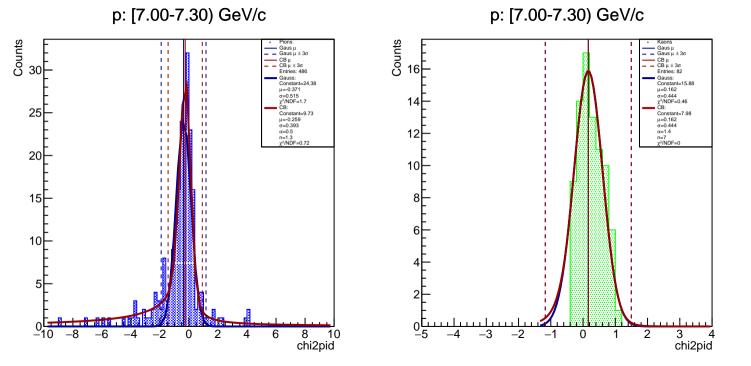
p: [6.40-6.70) GeV/c

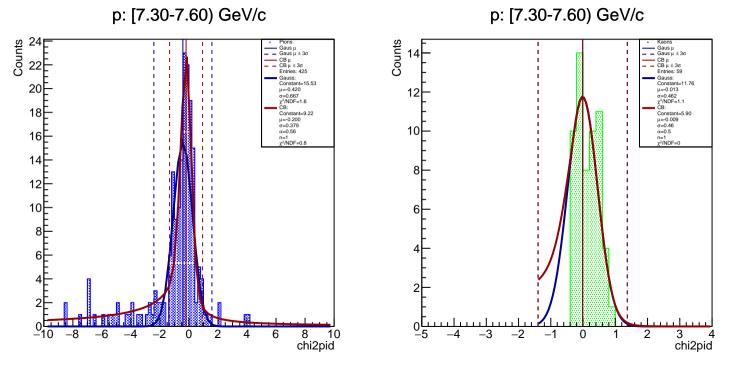


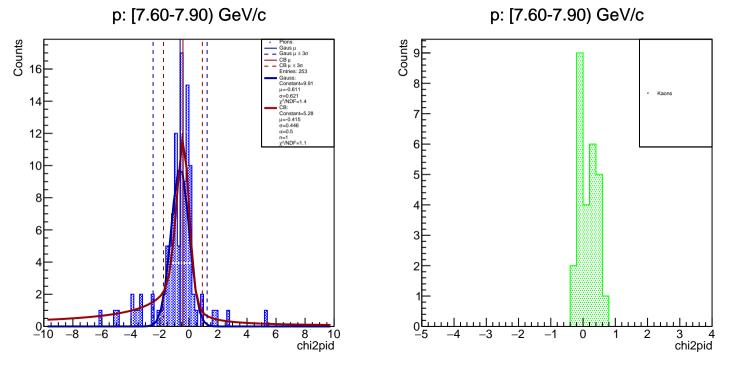
p: [6.70-7.00) GeV/c Counts Pions
Gaus u 1.1 Gaus μ ± 3σ — CB μ — CB μ ± 3σ Entries: 689 1.1 1.1 Gauss: Constant=34.35 1.1 u=-0.329 40 σ=0.668 γ²/NDF=1.5 1.1 Constant=18.66 μ=-0.273 35 σ=0.529 $\alpha = 1.1$ γ²/NDF=0.65 30 25 20 15 10 2 Millionaria 8 10 chi2pid 0

p: [6.70-7.00) GeV/c









p: [7.90-8.20) GeV/c

