Chi2pid (1.00h_chi2pid_ebpions_bin0 292842 30000 EB Pions (pid == 211) 0.08912 2.038 Manual Pion Hypothesis 25000 20000 15000 10000 5000 0 -15 -10 chi2pid (EB pid 211)

Chi2pid (1.35h_chi2pid_ebpions_bin1 193709 22000 EB Pions (pid == 211) -0.1253 1.746 20000 Manual Pion Hypothesis 18000 16000 14000 12000 10000 8000 6000 4000 2000 0<u></u>-15 -10chi2pid (EB pid 211)

Chi2pid (1.70h_chi2pid_ebpions_bin2 16000 F 126488 EB Pions (pid == 211) -0.1832 14000 1.619 Manual Pion Hypothesis 12000 10000 8000 6000 4000 2000 0 -15 -10 chi2pid (EB pid 211)

Chi2pid (2.05h_chi2pid_ebpions_bin3 83421 EB Pions (pid == 211) -0.230810000 1.543 Manual Pion Hypothesis 8000 6000 4000 2000 0 -15 -10 chi2pid (EB pid 211)

Chi2pid (2.40h_chi2pid_ebpions_bin4 56192 EB Pions (pid == 211) 7000 0.2978 1.525 Manual Pion Hypothesis 6000 5000 4000 3000 2000 1000 0 -15 -10 chi2pid (EB pid 211)

Chi2pid (2.75h_chi2pid_ebpions_bin5 38917 5000 EB Pions (pid == 211) 0.3223 1.657 Manual Pion Hypothesis 4000 3000 2000 1000 0 -15 -10 chi2pid (EB pid 211)

Chi2pid (3.10h_chi2pid_ebpions_bin6 27471 EB Pions (pid == 211) -0.22753500 1.927 Manual Pion Hypothesis 3000 2500 2000 1500 1000 500 0 -15 -10 chi2pid (EB pid 211)

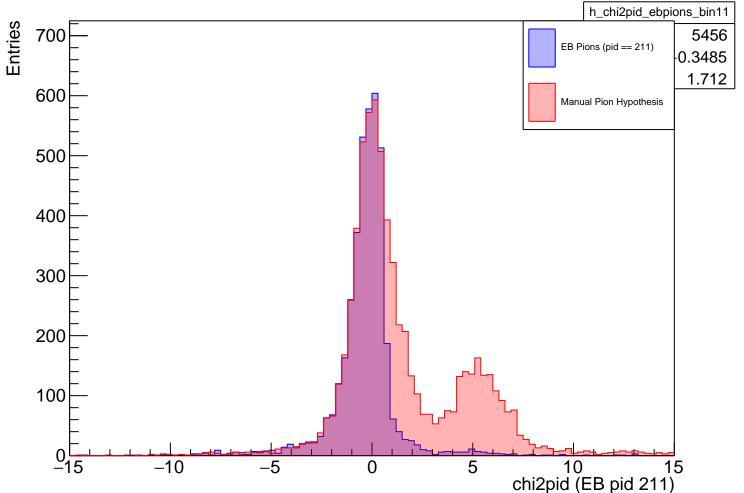
Chi2pid (3.45h_chi2pid_ebpions_bin7 18992 EB Pions (pid == 211) 2500 0.2324 1.911 Manual Pion Hypothesis 2000 1500 1000 500 0 -15 10 19 chi2pid (EB pid 211) -10

Chi2pid (3.80h_chi2pid_ebpions_bin8 13498 1800 EB Pions (pid == 211) 0.2574 1.864 1600 Manual Pion Hypothesis 1400 1200 1000 800 600 400 200 0 -15 -10 10 chi2pid (EB pid 211)

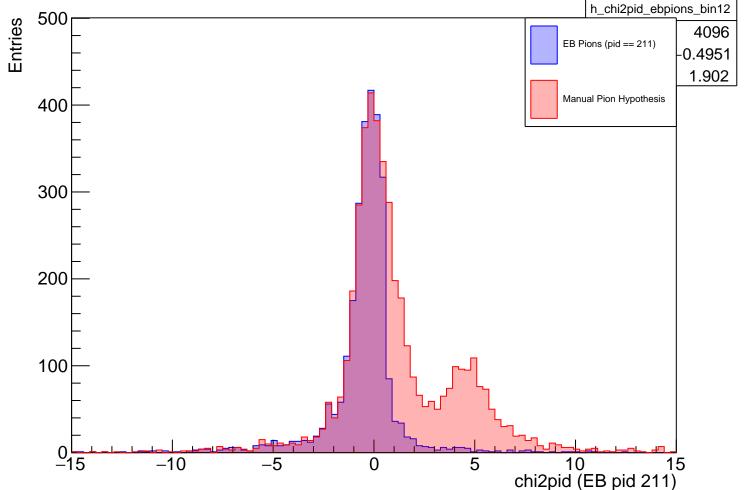
Chi2pid (4.15h_chi2pid_ebpions_bin9 1400 9428 EB Pions (pid == 211) 0.3018 1.769 1200 Manual Pion Hypothesis 1000 800 600 400 200 0 -15 -10chi2pid (EB pid 211)

Chi2pid (4.50h_chi2pid_ebpions_bin10 6541 1000 EB Pions (pid == 211) 0.3613 1.923 Manual Pion Hypothesis 800 600 400 200 0 -15 -10 chi2pid (EB pid 211)

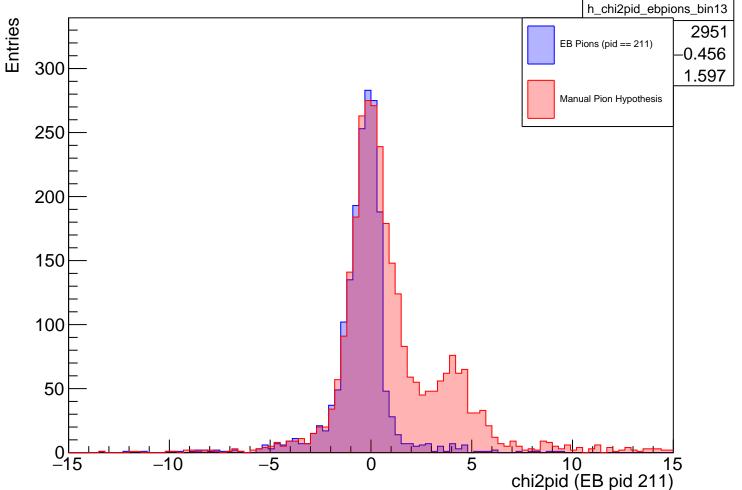
Chi2pid (4.85



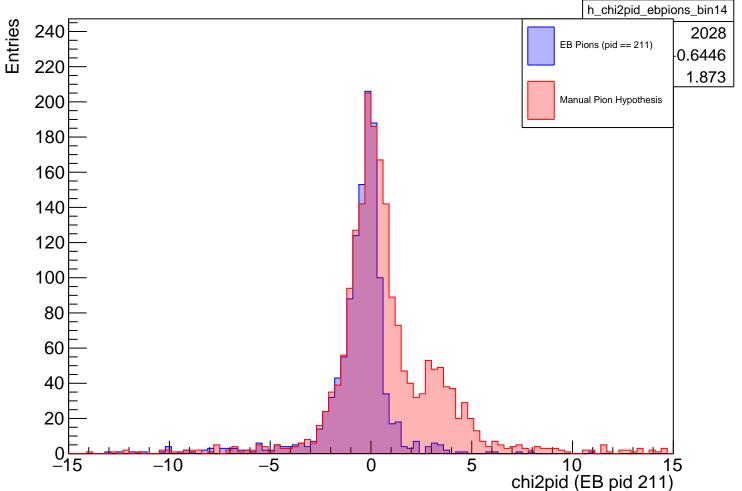
Chi2pid (5.20



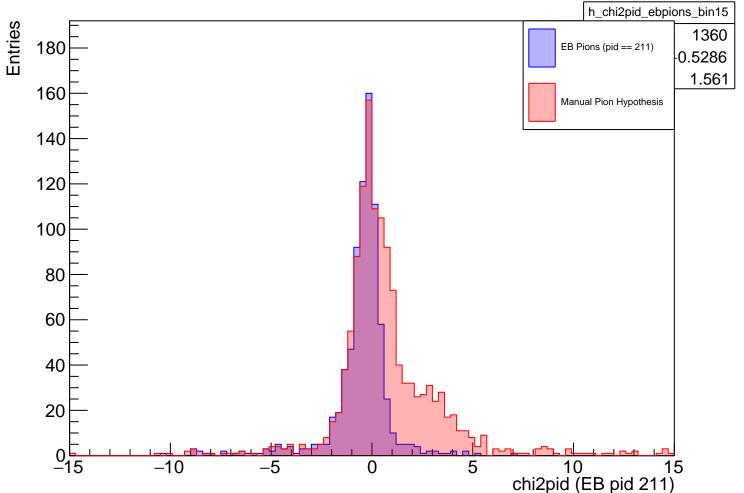
Chi2pid (5.55



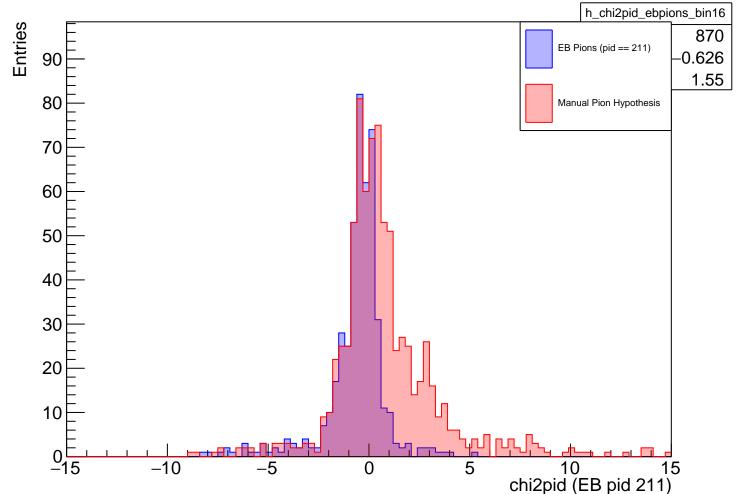
Chi2pid (5.90



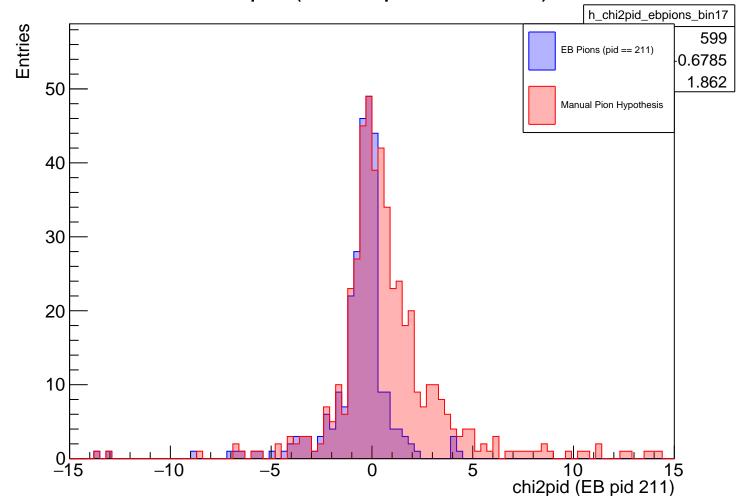
Chi2pid (6.25



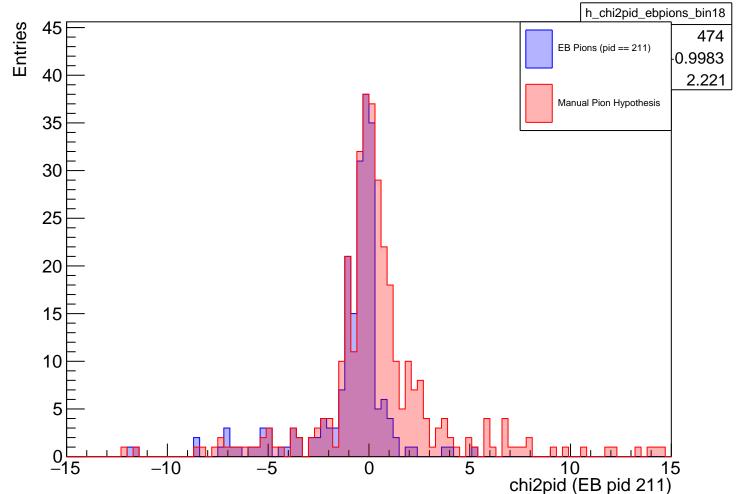
Chi2pid (6.60



Chi2pid (6.95



Chi2pid (7.30



Chi2pid (7.65h_chi2pid_ebpions_bin19 Entries 267 EB Pions (pid == 211) 20 0.786 1.686 18 Manual Pion Hypothesis 16 14 12 10 8 6 4 2 0<u>└</u> -15 -10 chi2pid (EB pid 211)