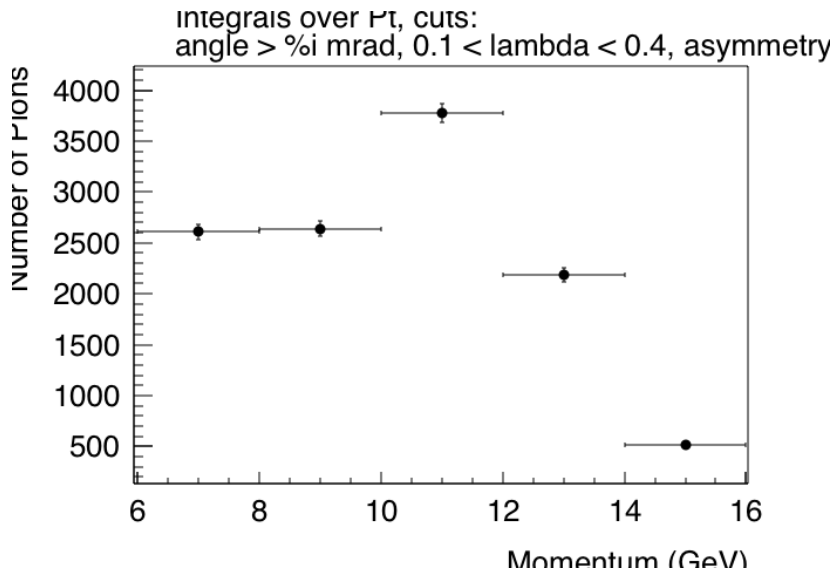


ALICE data with the New Cut Settings

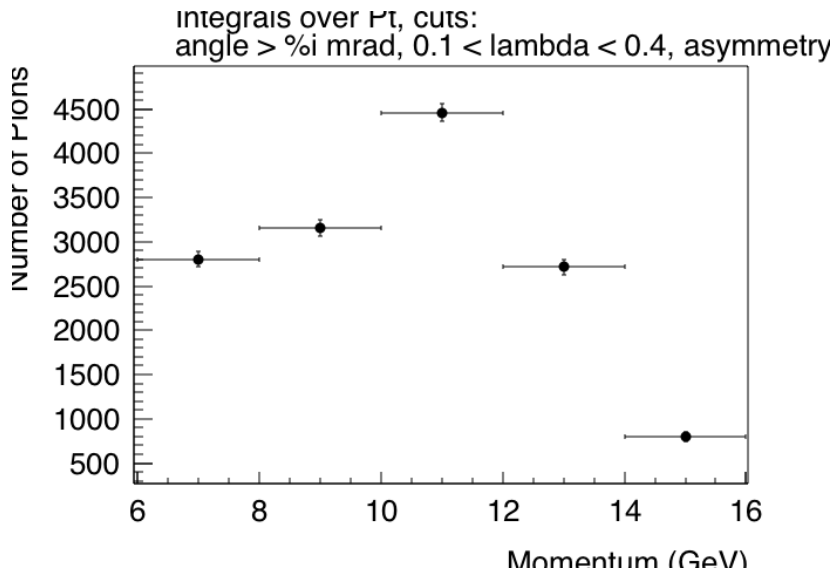
Ivan Chernyshev

January 11, 2018

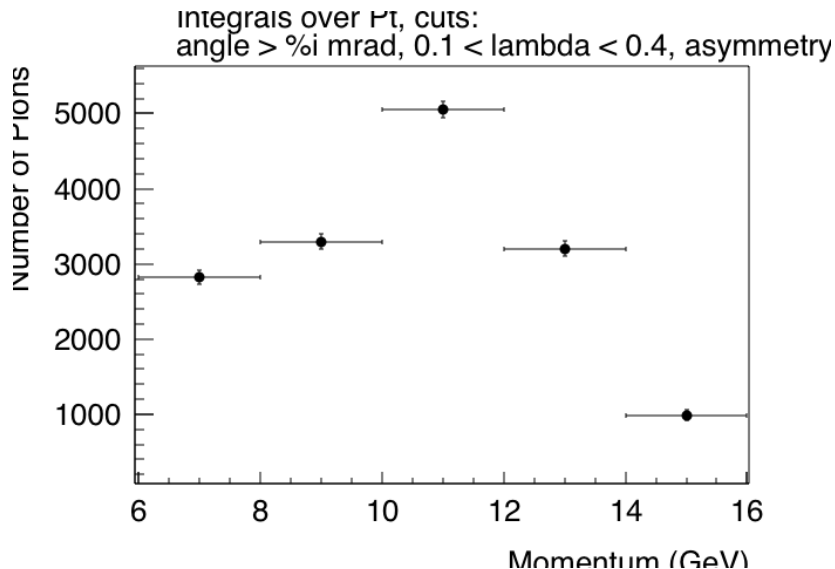
Pion Spectrum: Asymmetry < 0.7



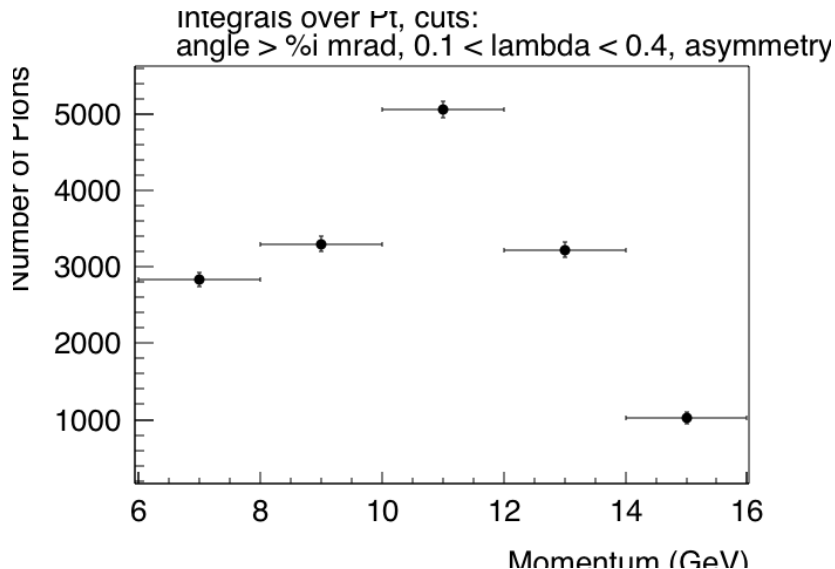
Pion Spectrum: Asymmetry < 0.8



Pion Spectrum: Asymmetry < 0.9

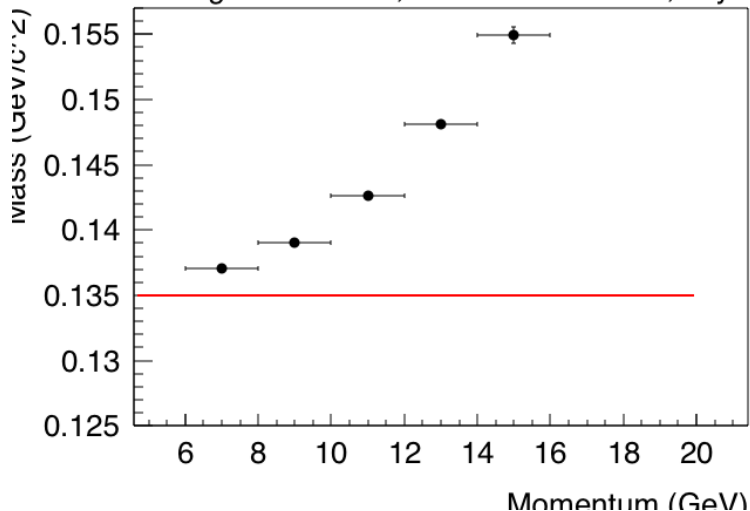


Pion Spectrum: Asymmetry < 1.0



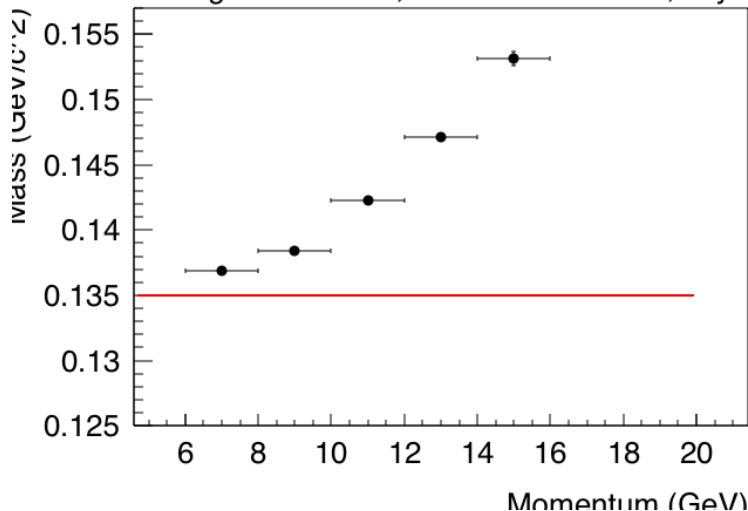
Pion Mass: Asymmetry < 0.7

Mean masses over Pt, cuts:
angle $> 90^\circ$ mrad, $0.1 < \lambda < 0.4$, asymmetry



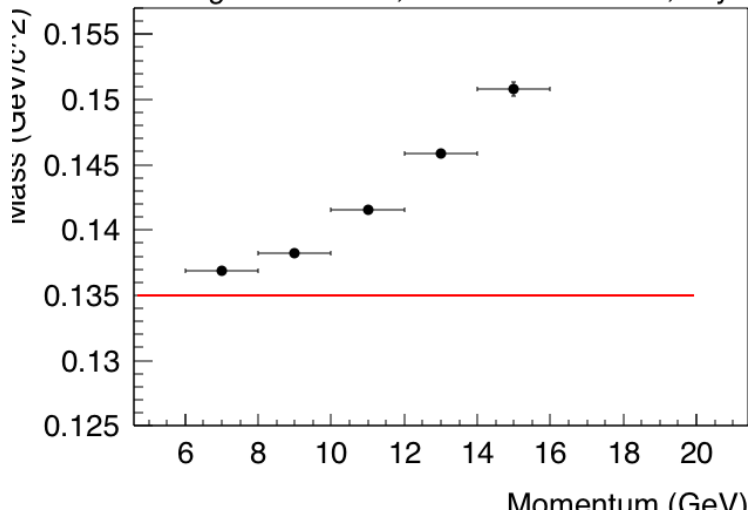
Pion Mass: Asymmetry < 0.8

Mean masses over Pt, cuts:
angle $> 90^\circ$ mrad, $0.1 < \lambda < 0.4$, asymmetry



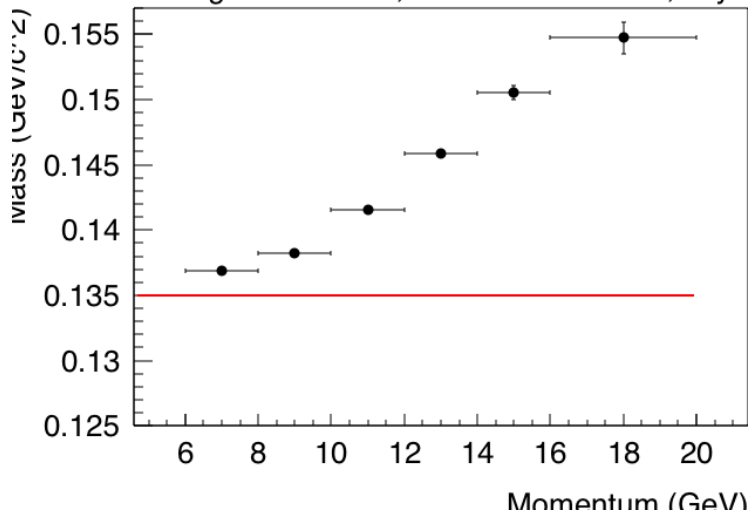
Pion Mass: Asymmetry < 0.9

Mean masses over Pt, cuts:
angle $> 90^\circ$ mrad, $0.1 < \lambda < 0.4$, asymmetry



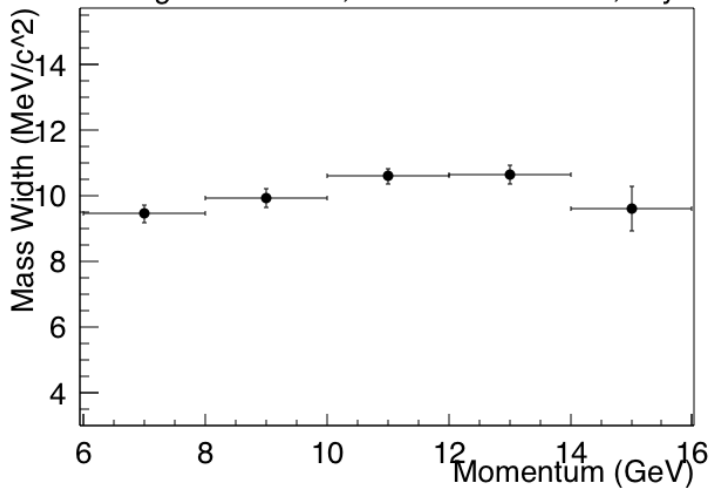
Pion Mass: Asymmetry < 1.0

Mean masses over Pt, cuts:
angle $> 90^\circ$ mrad, $0.1 < \lambda < 0.4$, asymmetry



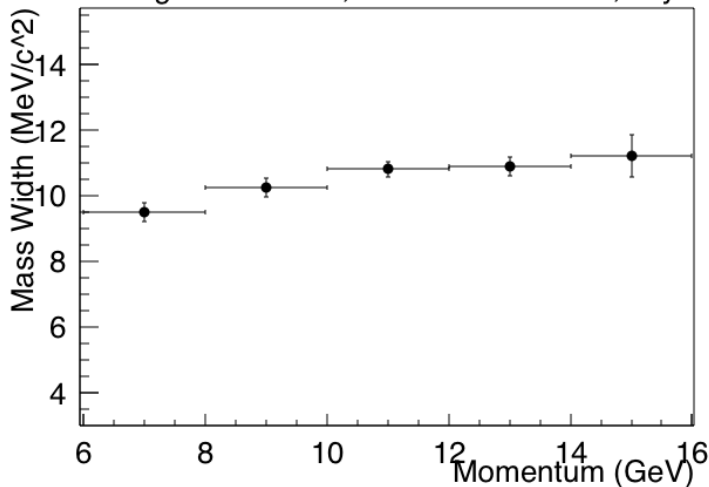
Pion Mass Peak Width: Asymmetry < 0.7

Mass widths over Pt, cuts:
angle > 90 mrad, $0.1 < \lambda < 0.4$, asymmetry



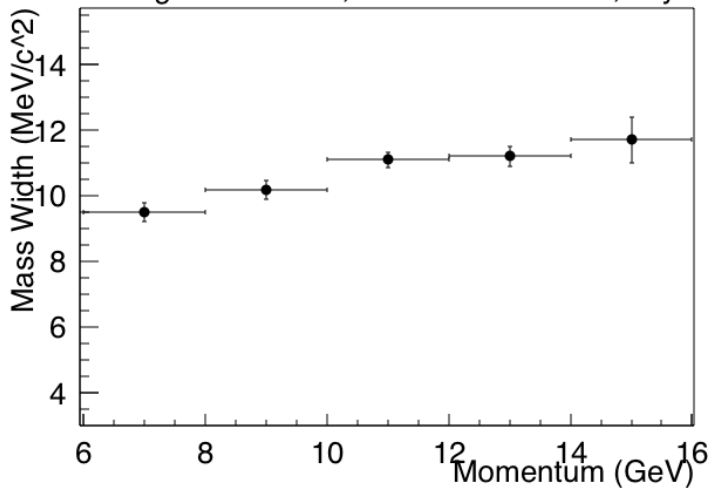
Pion Mass Peak Width: Asymmetry < 0.8

Mass widths over Pt, cuts:
angle > 90 mrad, $0.1 < \lambda < 0.4$, asymmetry



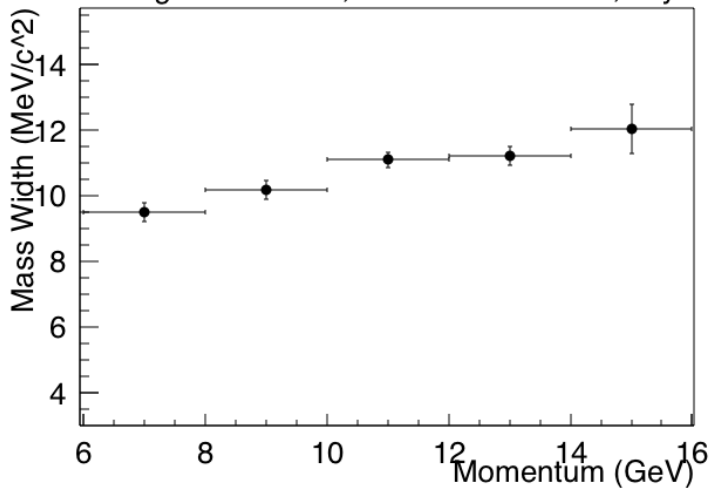
Pion Mass Peak Width Asymmetry < 0.9

Mass widths over Pt, cuts:
angle $> 90^\circ$ mrad, $0.1 < \lambda < 0.4$, asymmetry



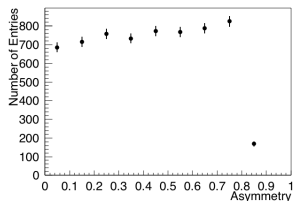
Pion Mass Peak Width: Asymmetry < 1.0

Mass widths over Pt, cuts:
angle > 90 mrad, $0.1 < \lambda < 0.4$, asymmetry

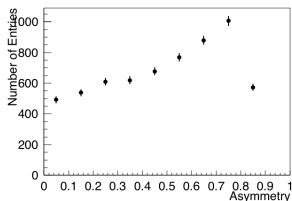


Asymmetry spectra for various momentum intervals

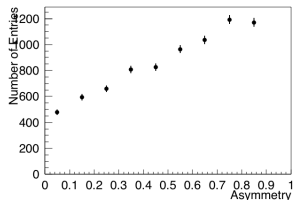
Counts at momenta 6.00-8.00 GeV over asymmetry vs entries



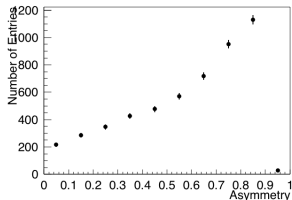
Counts at momenta 8.00-10.00 GeV over asymmetry vs entries



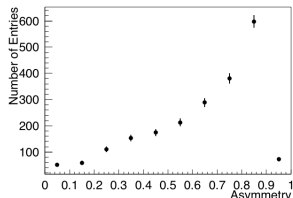
Counts at momenta 10.00-12.00 GeV over asymmetry vs entries



Counts at momenta 12.00-14.00 GeV over asymmetry vs entries

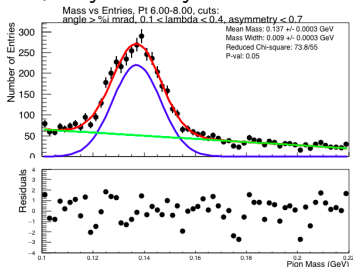


Counts at momenta 14.00-16.00 GeV over asymmetry vs entries

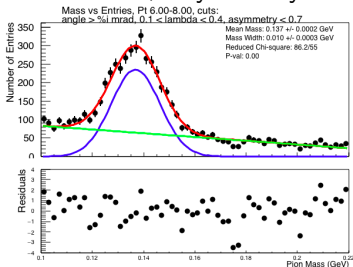


Mass-Pion Data: 6-8 GeV

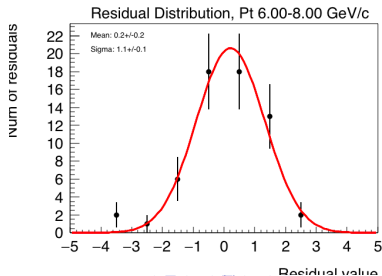
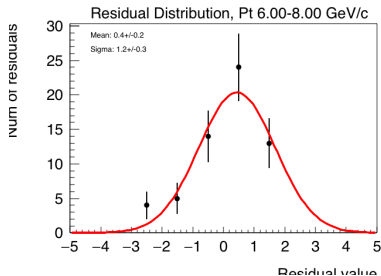
Data, Asymmetry < 0.7 :



Data, Asymmetry < 0.8 :

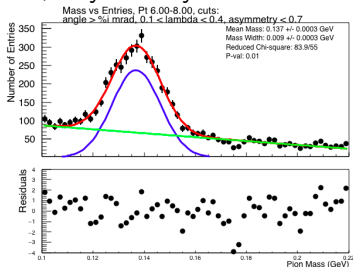


Residual Curves:

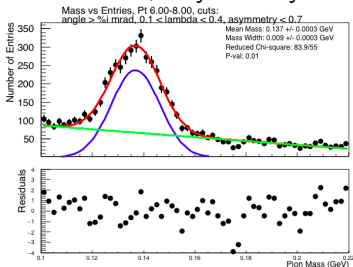


Mass-Pion Data: 6-8 GeV

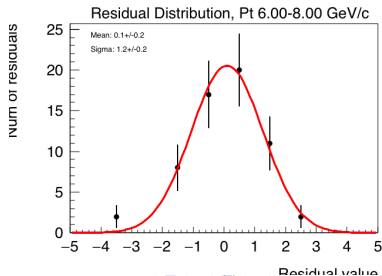
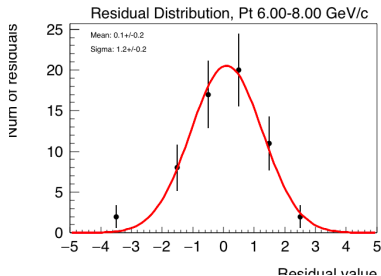
Data, Asymmetry < 0.9 :



Data, Asymmetry < 1.0 :

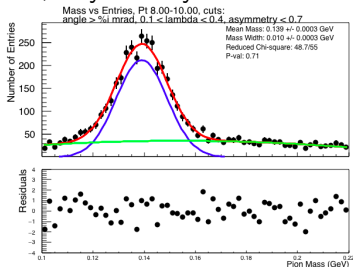


Residual Curves:

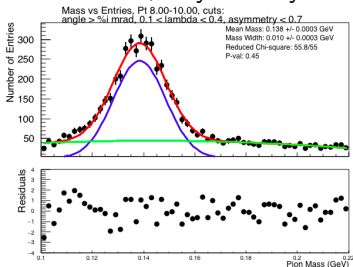


Mass-Pion Data: 8-10 GeV

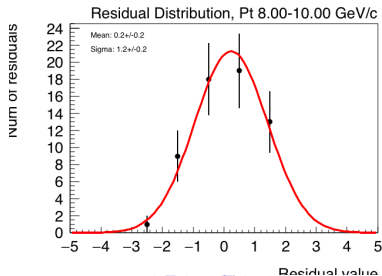
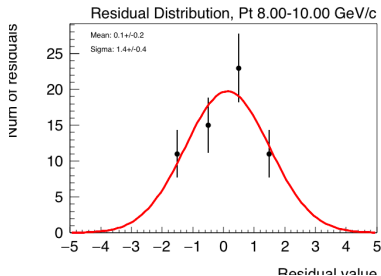
Data, Asymmetry < 0.7 :



Data, Asymmetry < 0.8 :

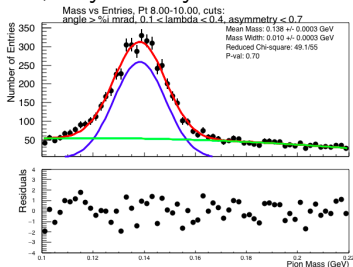


Residual Curves:

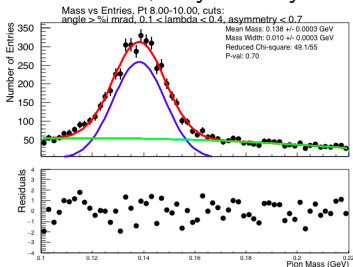


Mass-Pion Data: 8-10 GeV

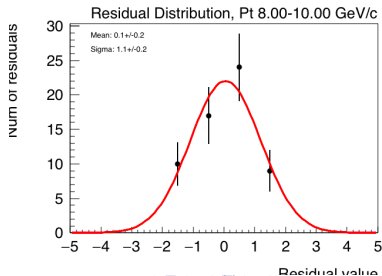
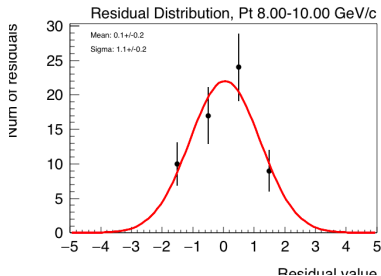
Data, Asymmetry < 0.9 :



Data, Asymmetry < 1.0 :

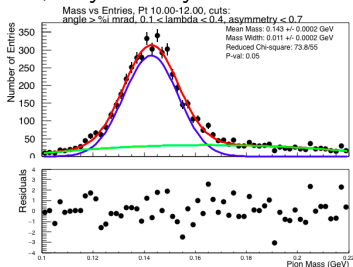


Residual Curves:

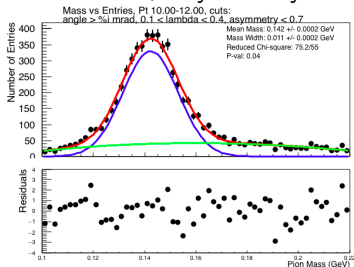


Mass-Pion Data: 10-12 GeV

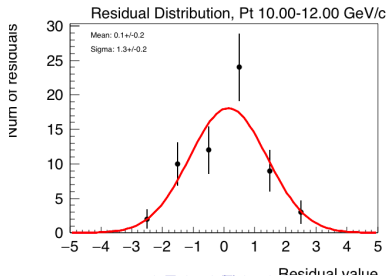
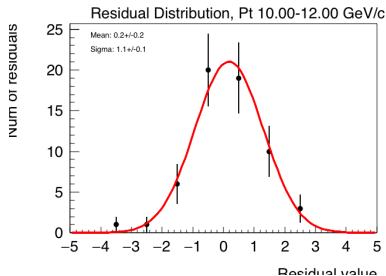
Data, Asymmetry < 0.7 :



Data, Asymmetry < 0.8 :

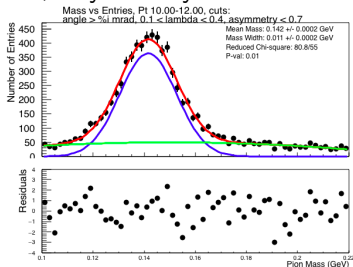


Residual Curves:

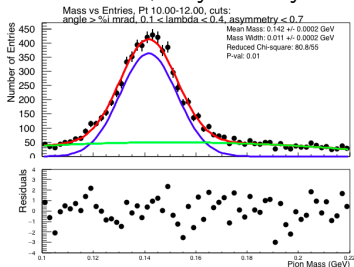


Mass-Pion Data: 10-12 GeV

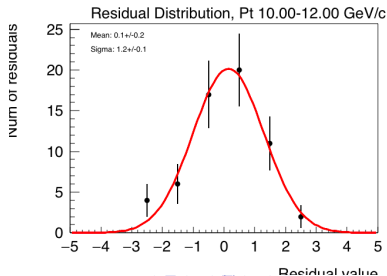
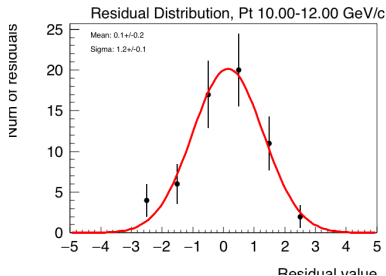
Data, Asymmetry < 0.9 :



Data, Asymmetry < 1.0 :

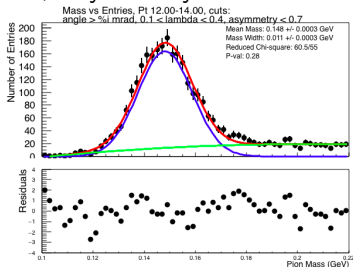


Residual Curves:

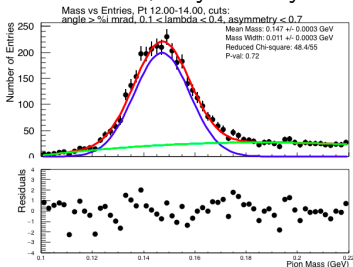


Mass-Pion Data: 12-14 GeV

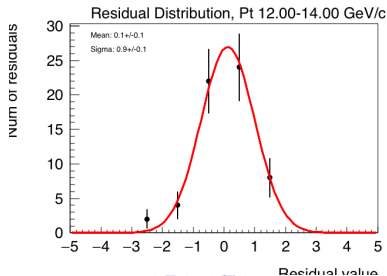
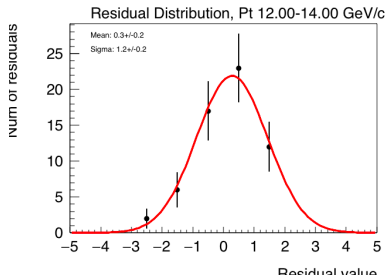
Data, Asymmetry < 0.7 :



Data, Asymmetry < 0.8 :

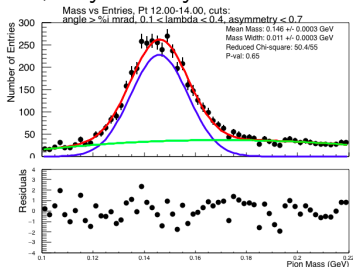


Residual Curves:

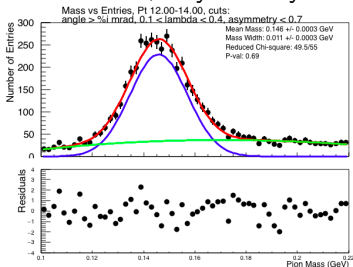


Mass-Pion Data: 12-14 GeV

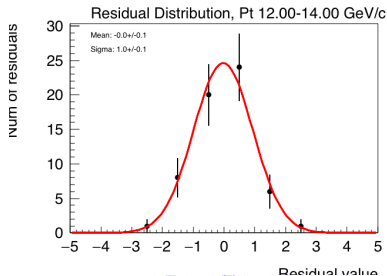
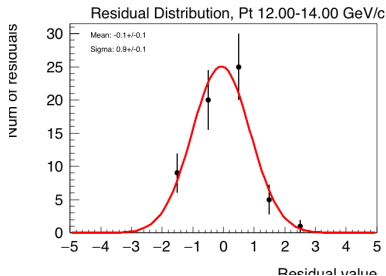
Data, Asymmetry < 0.9 :



Data, Asymmetry < 1.0 :

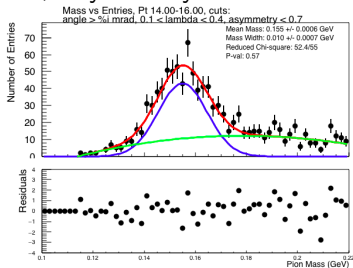


Residual Curves:

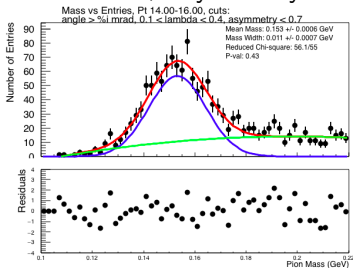


Mass-Pion Data: 14-16 GeV

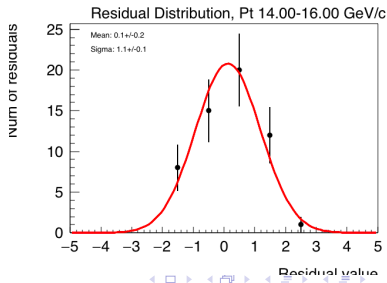
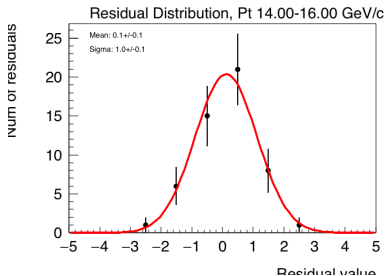
Data, Asymmetry < 0.7:



Data, Asymmetry < 0.8:

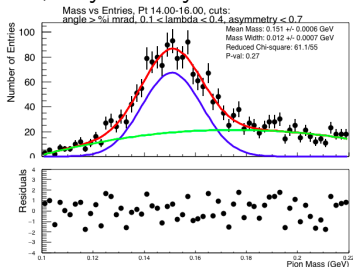


Residual Curves:

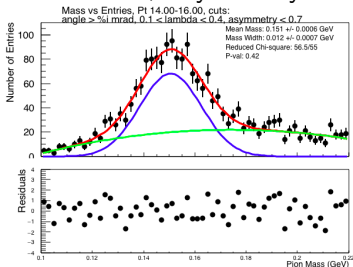


Mass-Pion Data: 14-16 GeV

Data, Asymmetry < 0.9 :



Data, Asymmetry < 1.0 :



Residual Curves:

