

LHRS Gas Cherenkov Calibration Stability Check

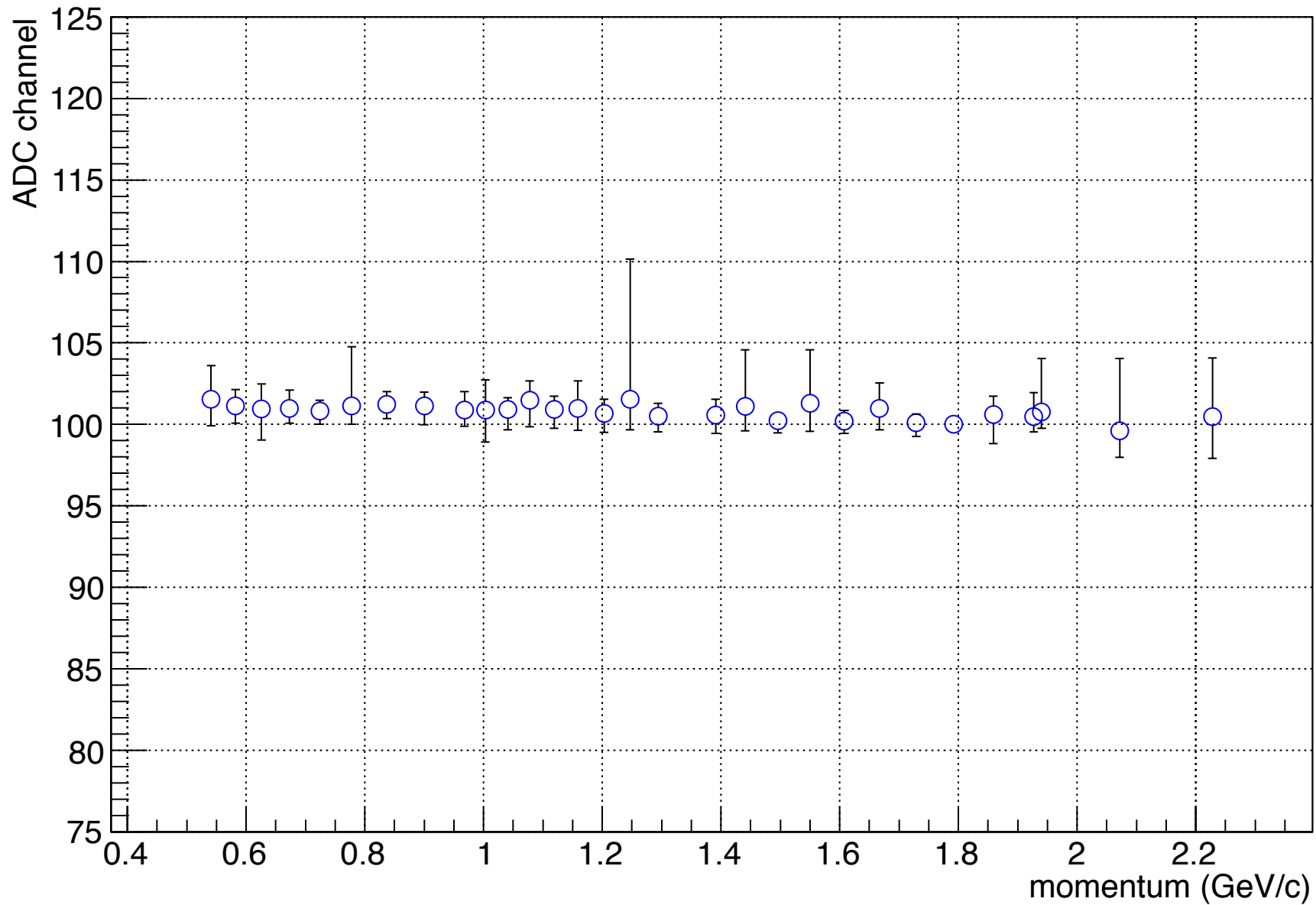
Melissa Cummings

08/15/12

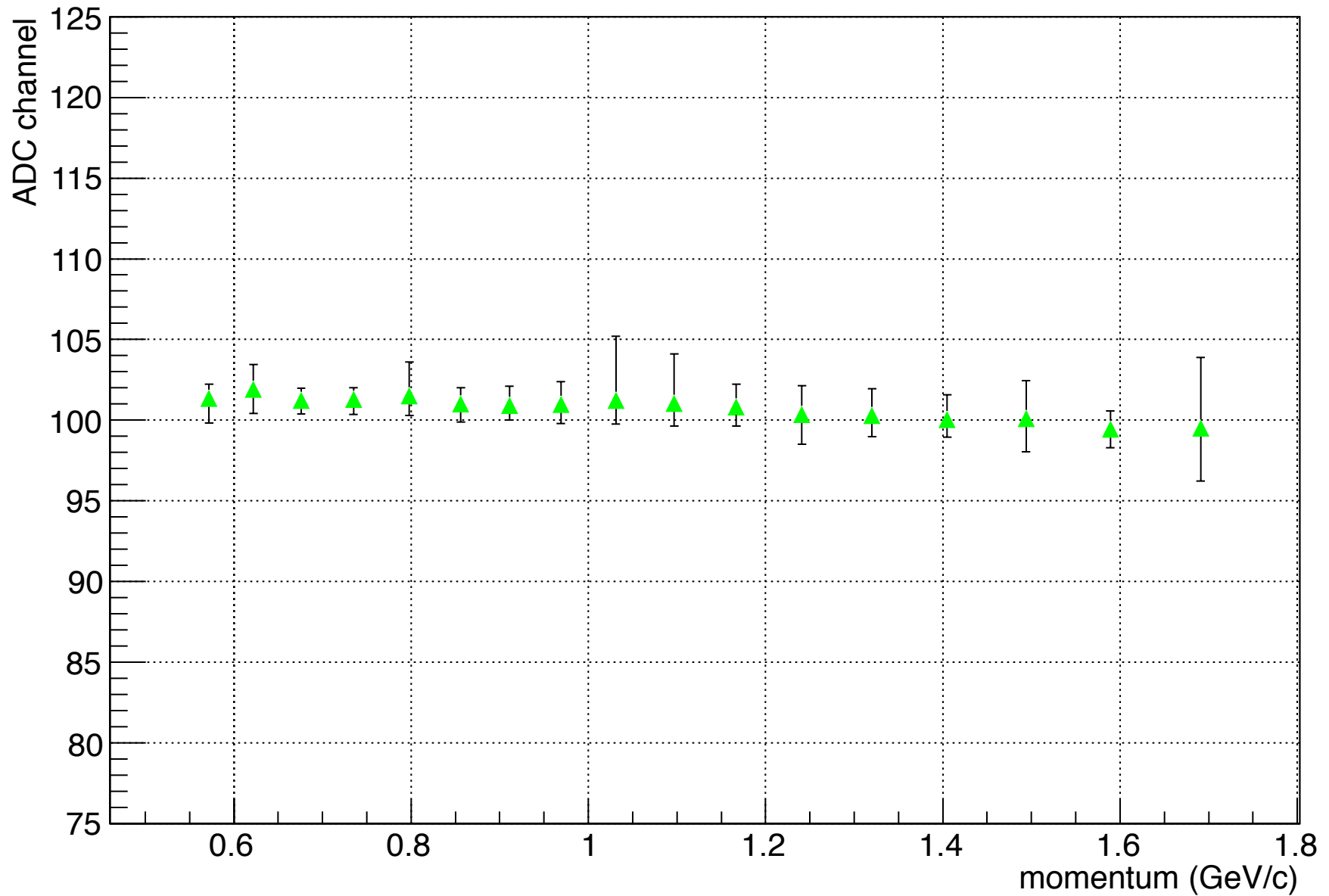
Method

- Goal is to check the stability of the calibration over all momentum/energy settings
- SPE peaks are fitted individually, then averaged together for each momentum
- Error bars represent the spread of the fit values

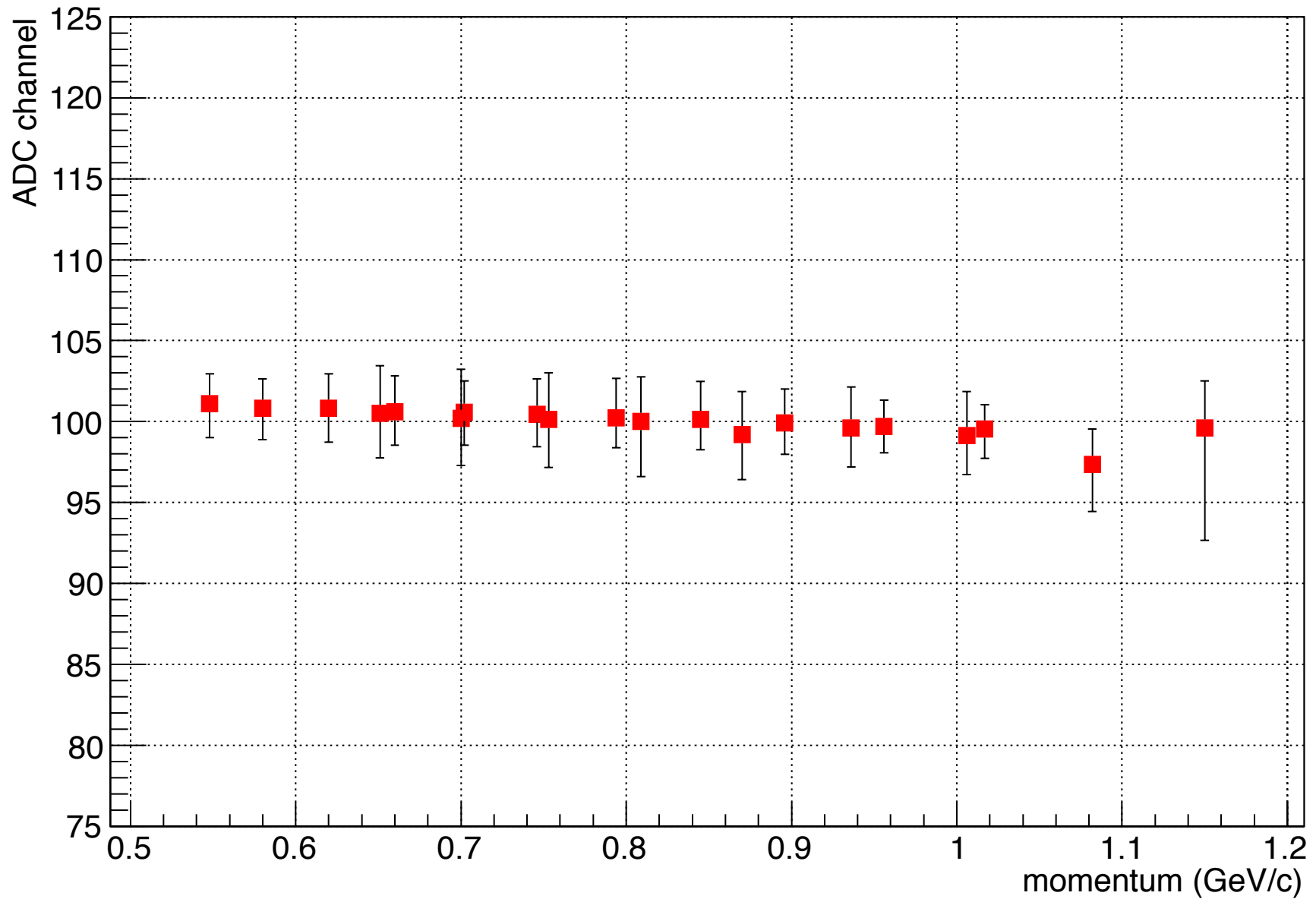
LHRS Gas Cherenkov Single Photo-electron Peak Location for 2253 MeV



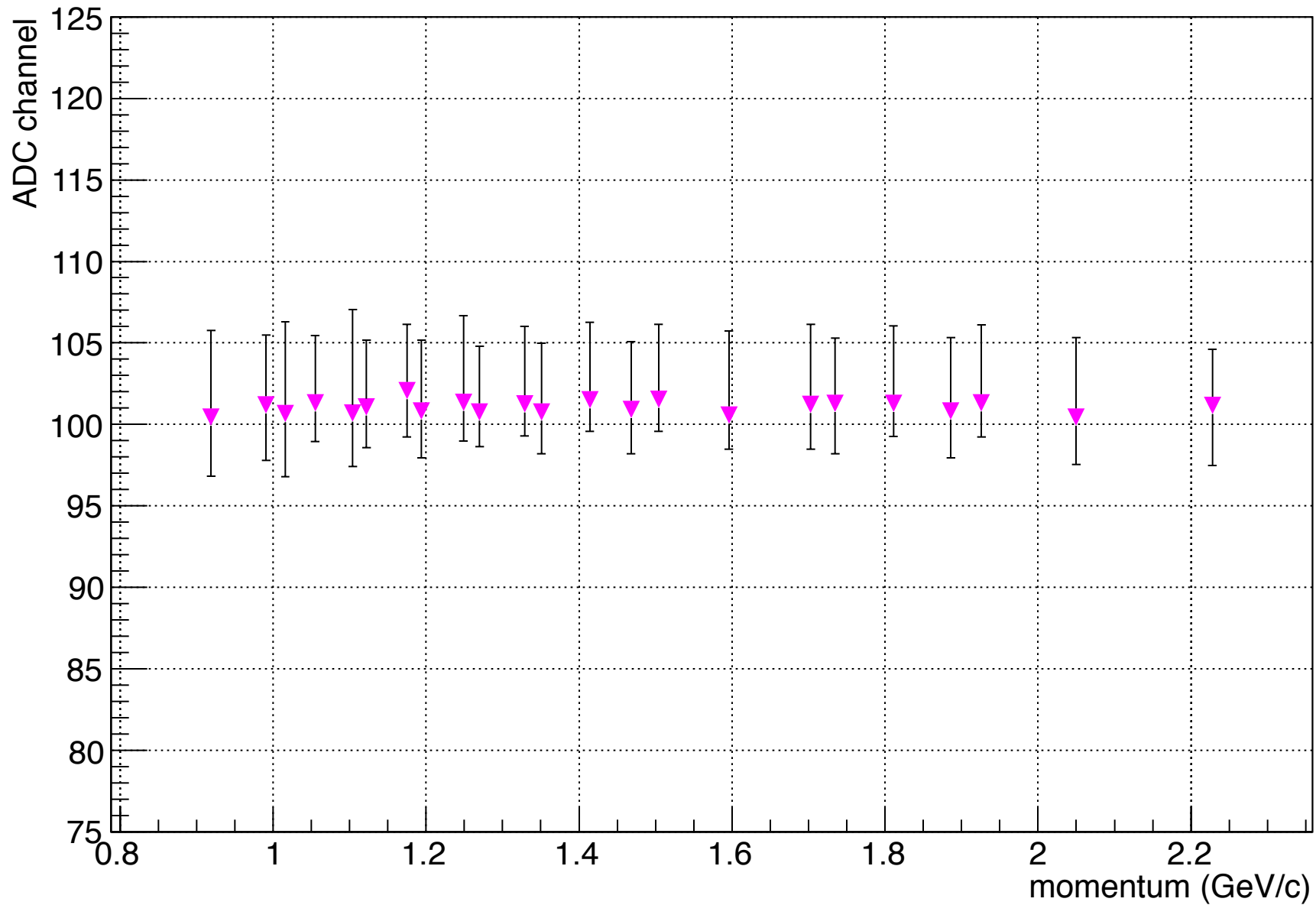
LHRS Gas Cherenkov Single Photo-electron Peak Location for 1706 MeV



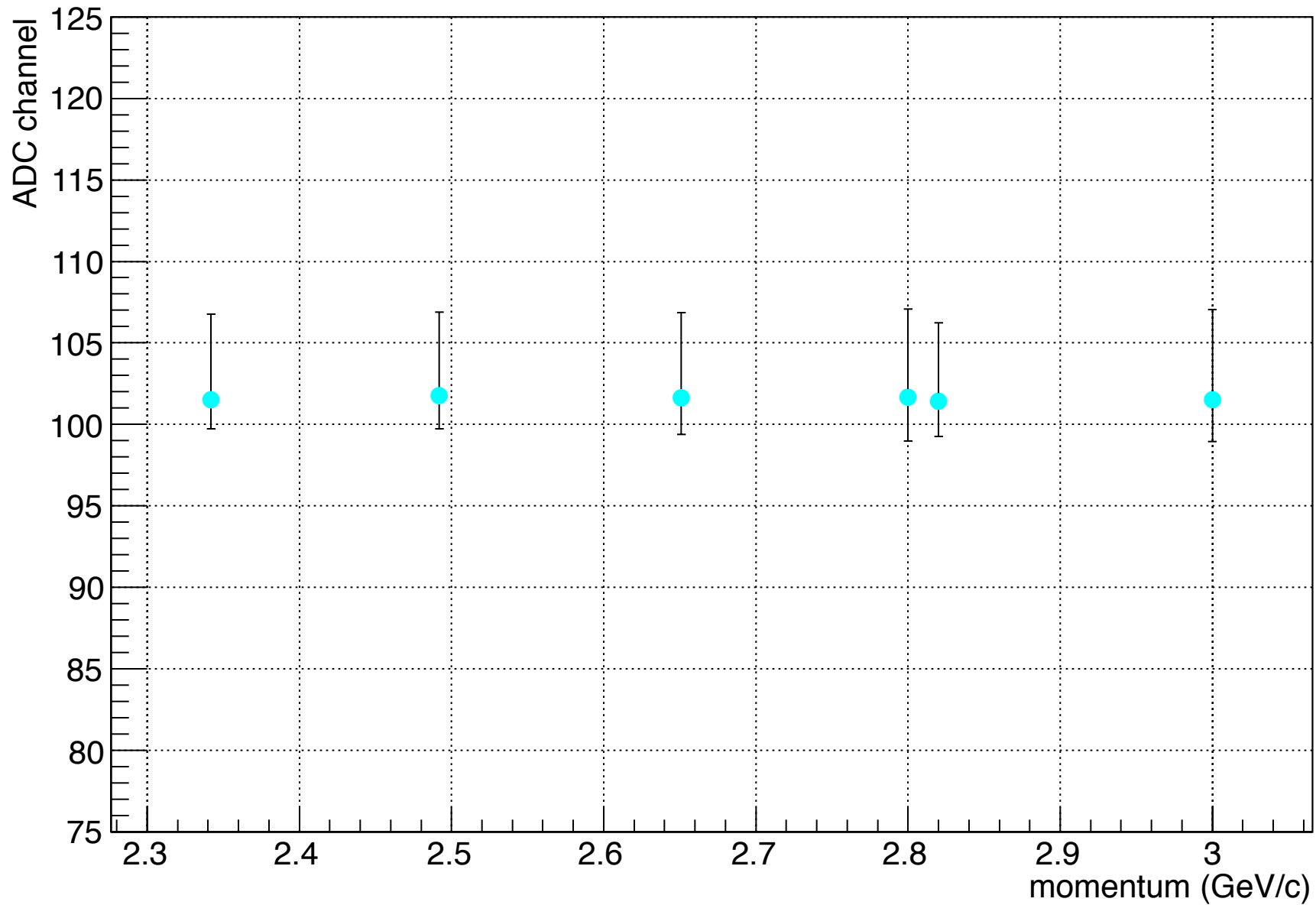
LHRS Gas Cherenkov Single Photo-electron Peak Location for 1157 MeV



LHRS Gas Cherenkov Single Photo-electron Peak Location for 2253 (2) MeV



LHRS Gas Cherenkov Single Photo-electron Peak Location for 3351 MeV



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