BB Efficiency & questions

Shouldn't expected p from |q| == MWDC p??

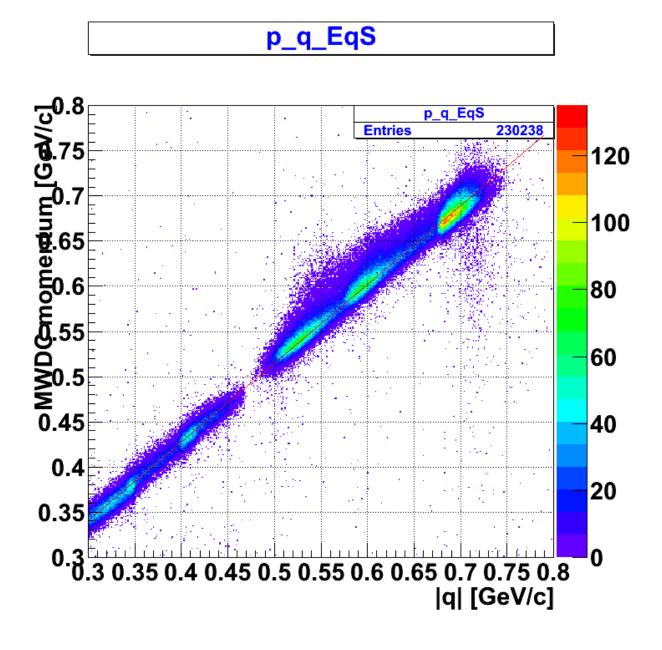


Figure 2.1 expected p from |q| vs MWDC p in [GeV/c] The red line has slope of 0.873 not 1. with offset of 0.078 GeV/c.

What do I need to fix? The calibration of the optics?