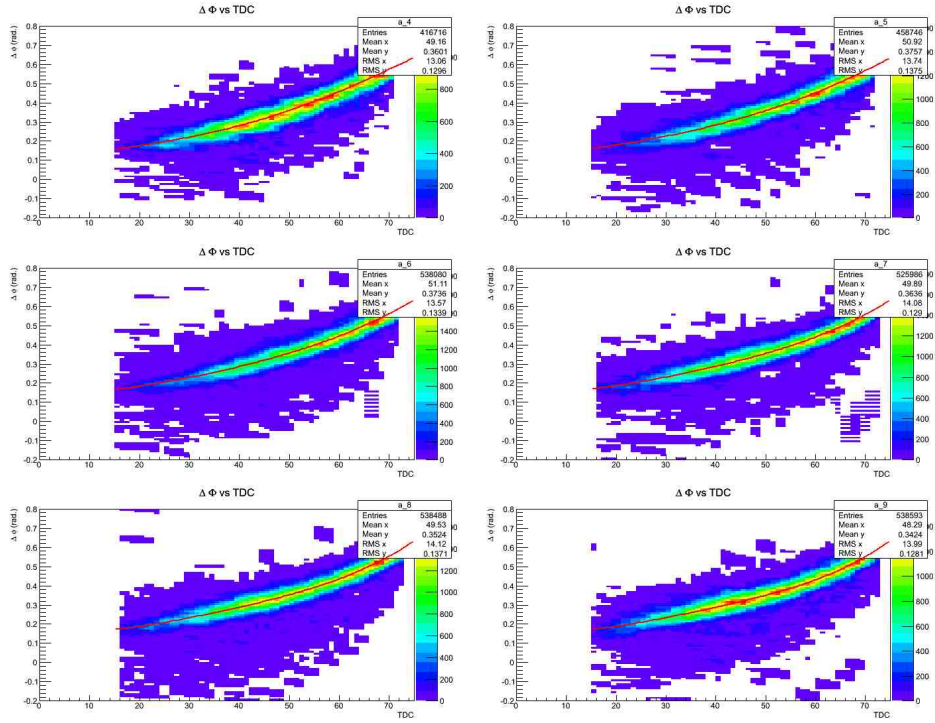


DVCS off ^4He

RTPC Calibration: Drift Path Extraction

eg6 [1.2 GeV run (epass1V9)]

February 28, 2013



1 Results: ($\Delta\phi$ [radian], z [mm])

$$\Delta\phi = [0] + [1] * tdc + [2] * tdc^2 + [3] * tdc^3 + [4] * tdc^4. \quad (1)$$

$$[0] = 0.187829 + 0.000434886 * z - 1.90239e - 05 * z^2 \quad (2)$$

$$[1] = -0.0058557 - 6.81544e - 05 * z + 1.93062e - 06 * z^2 \quad (3)$$

$$[2] = 0.00042201 + 3.35289e - 06 * z - 8.98955e - 08 * z^2 \quad (4)$$

$$[3] = -7.41599e - 06 - 7.07721e - 08 * z + 1.68058e - 09 * z^2 \quad (5)$$

$$[4] = 5.20007e - 08 + 5.05035e - 10 * z - 1.02631e - 11 * z^2 \quad (6)$$

