

Global rotation & translation (package by package)

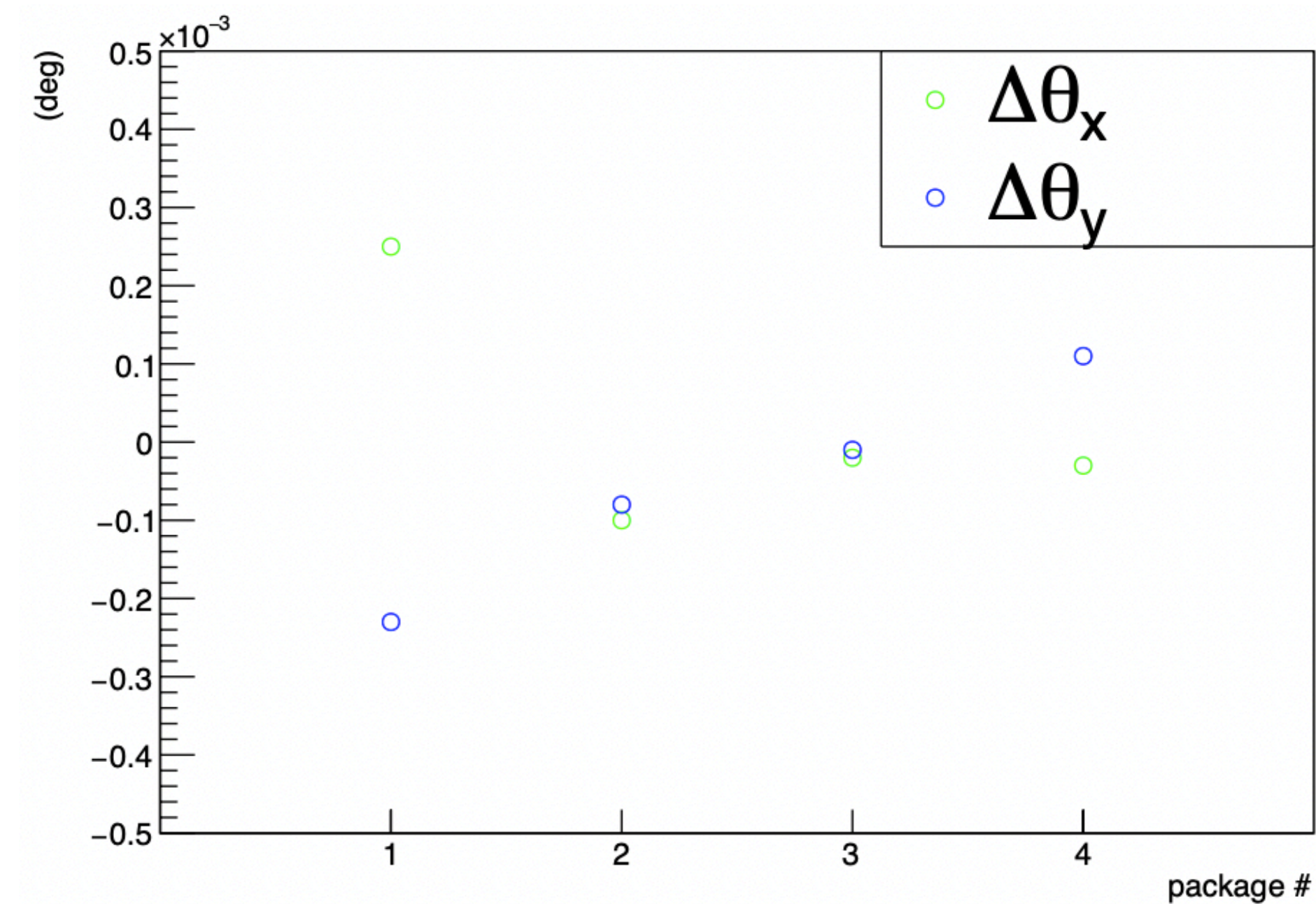
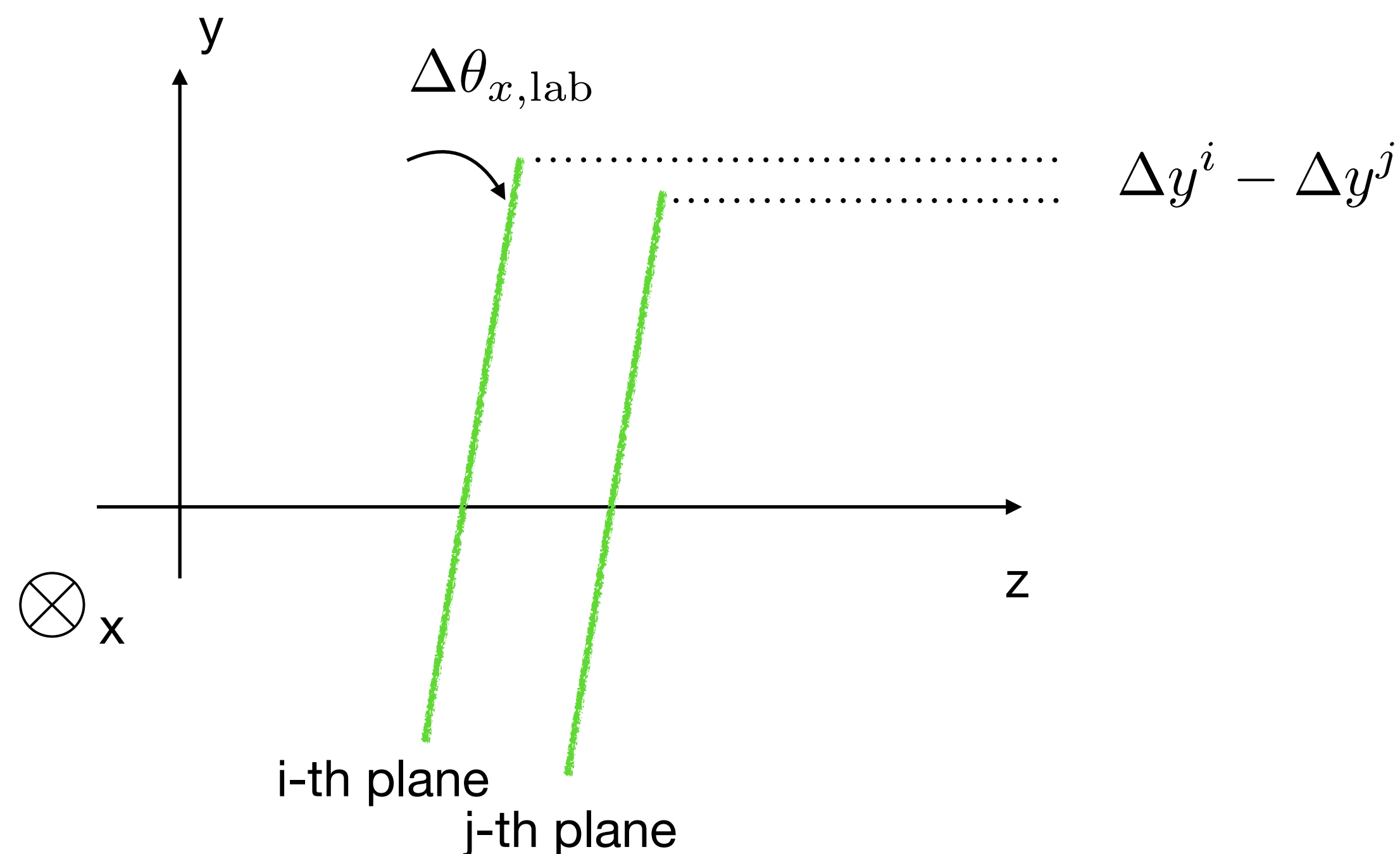
Apply the following constraints to get package-by-package rotation (and translation) parameters:

$$\Delta\theta_{x,\text{lab}}^{i\text{-th plane}} = \Delta\theta_{x,\text{lab}}^{j\text{-th plane}} = \frac{\Delta y_{\text{lab}}^{i\text{-th plane}} - \Delta y_{\text{lab}}^{j\text{-th plane}}}{\text{distance b/w planes } i, j}$$

(2 cm)

$$\Delta z^{i\text{-th plane}} = \Delta z^{j\text{-th plane}}$$

and the same constraints for $\Delta\theta_y$



Results are too small to explain the pion (proton) pull vs azimuthal angles.