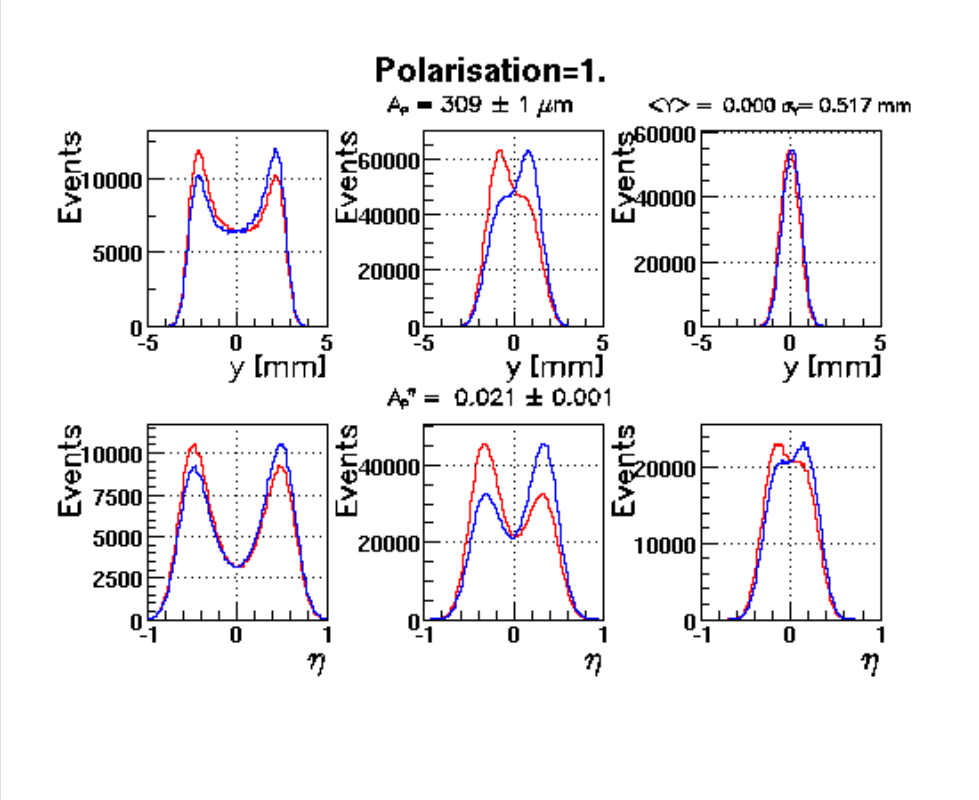
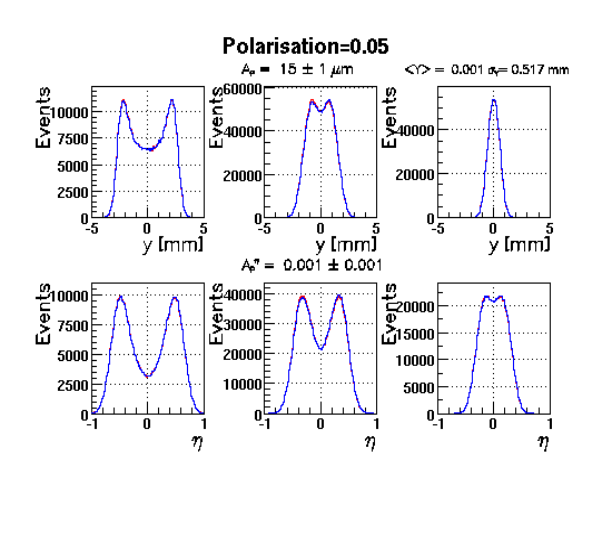
Tpol MC

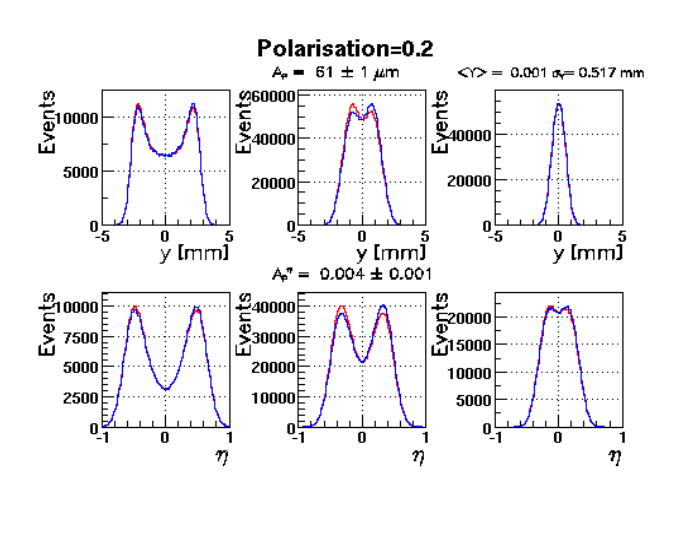
- Analyzing Power in Terms of eta and Y
- eta-y functional form – how many parameters?

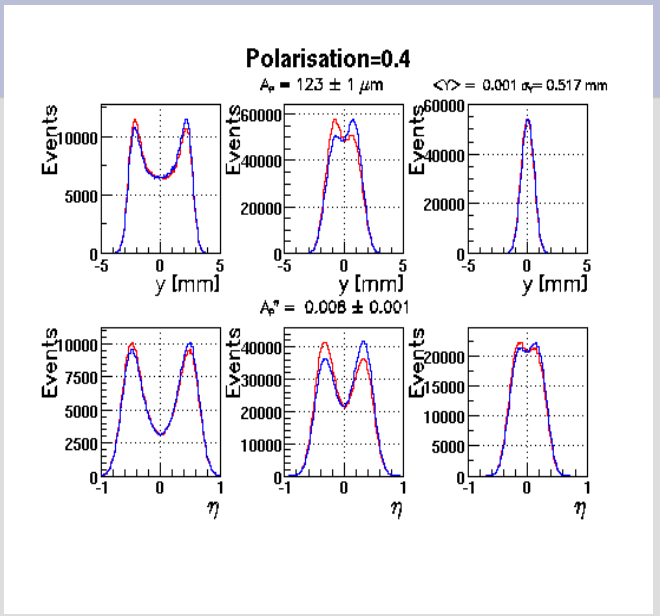
- 3 Energy Bins 1-11, 12-24, 25-29
- Light Helicity: left – red   right - blue

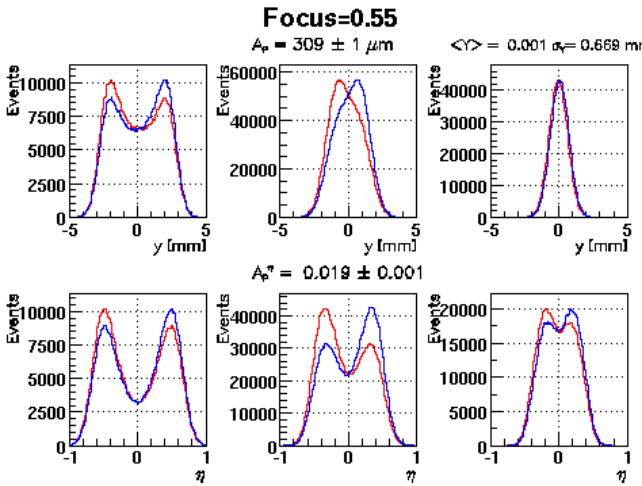


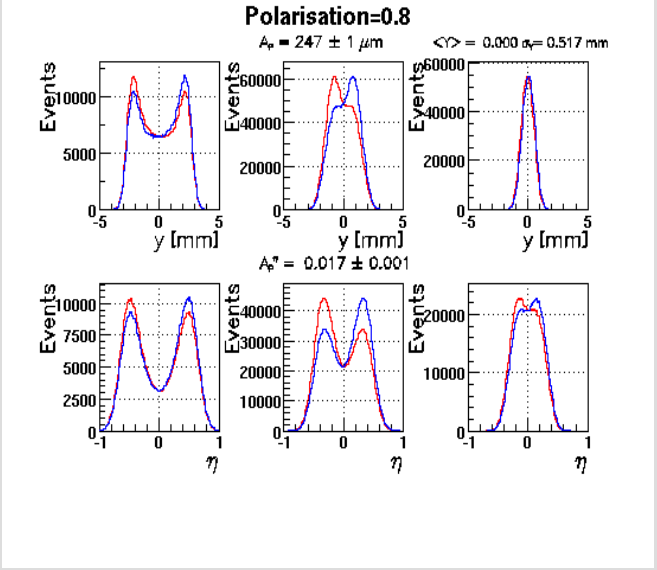
Different Polarisations

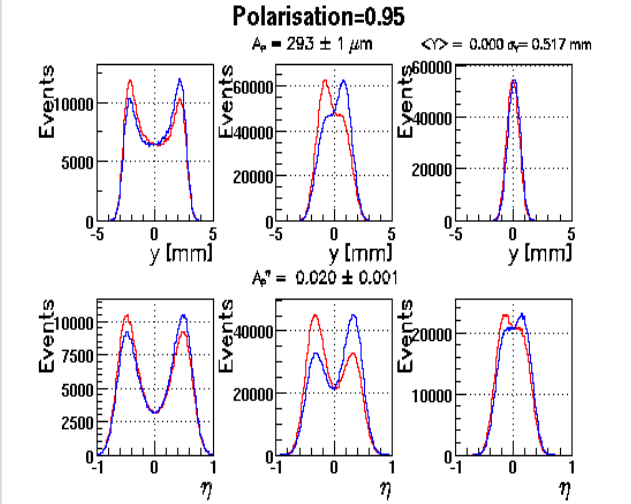




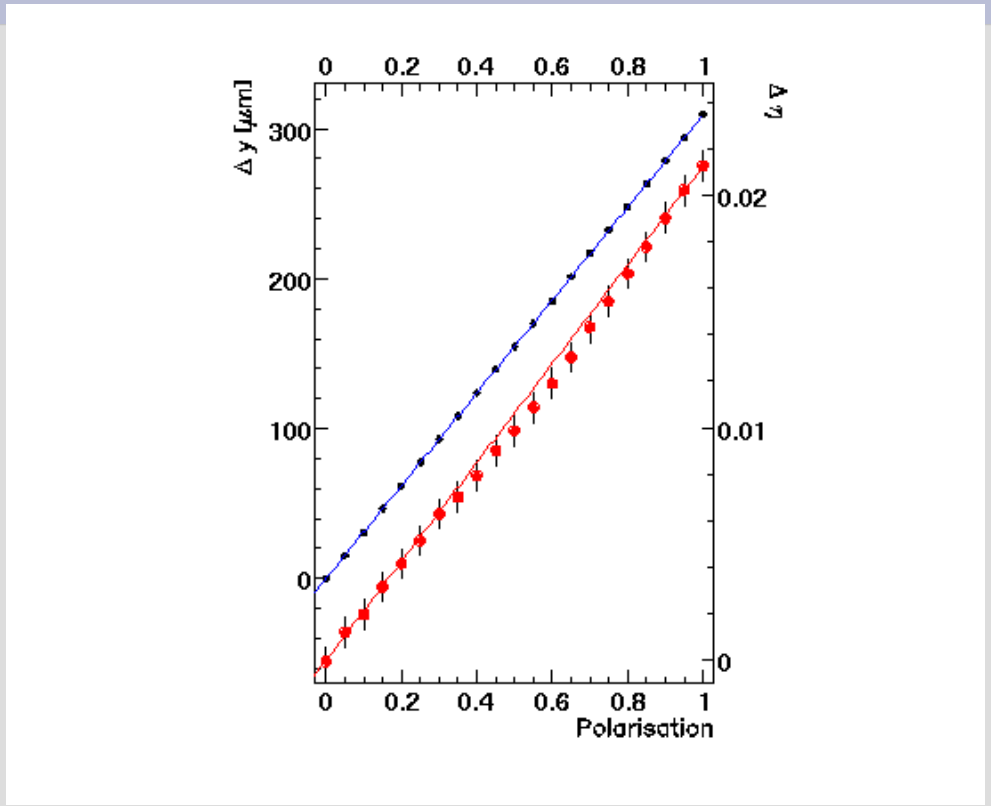






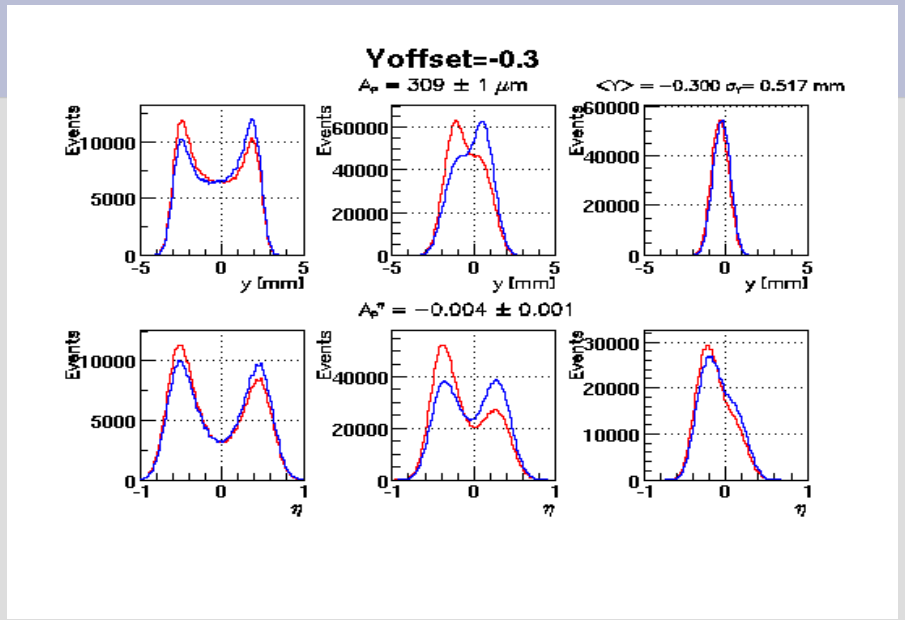


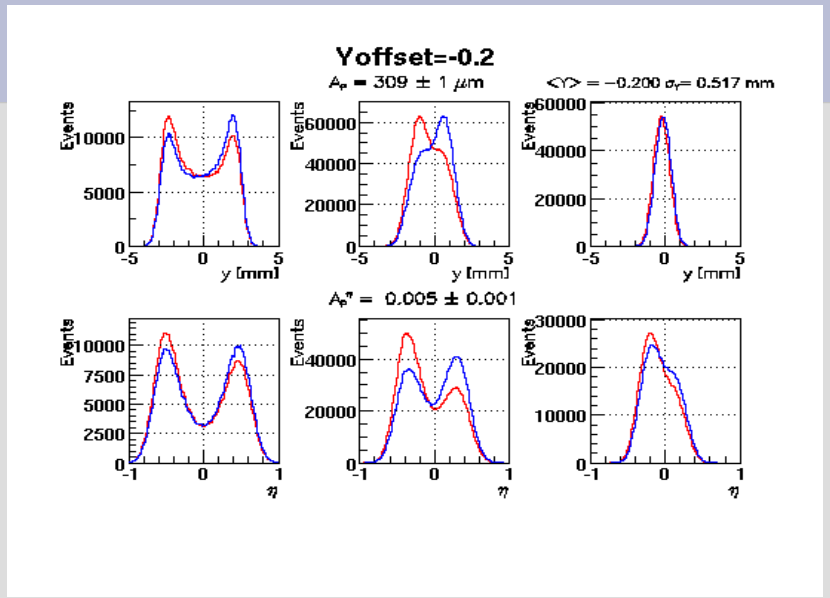
Polarisation Variation Summary

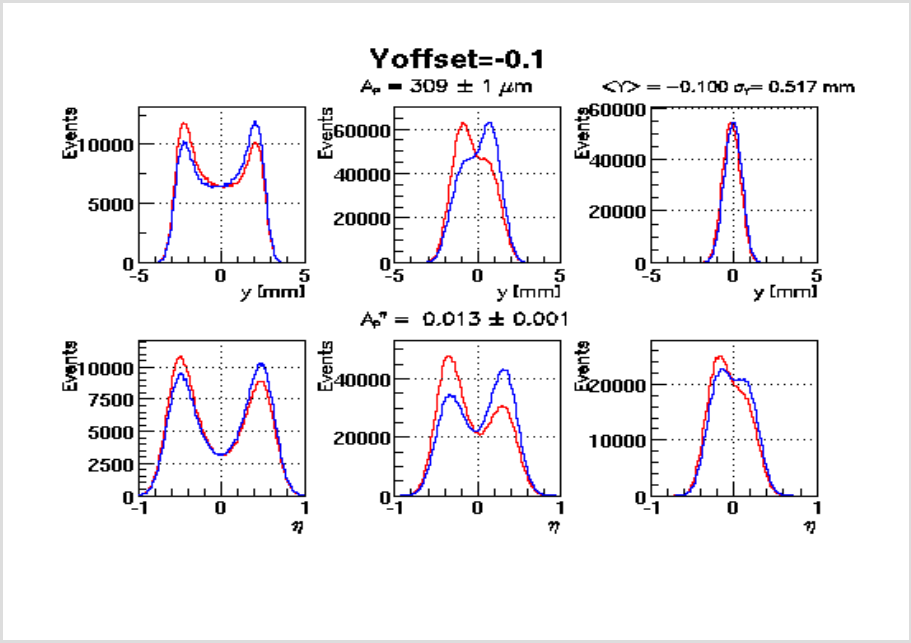


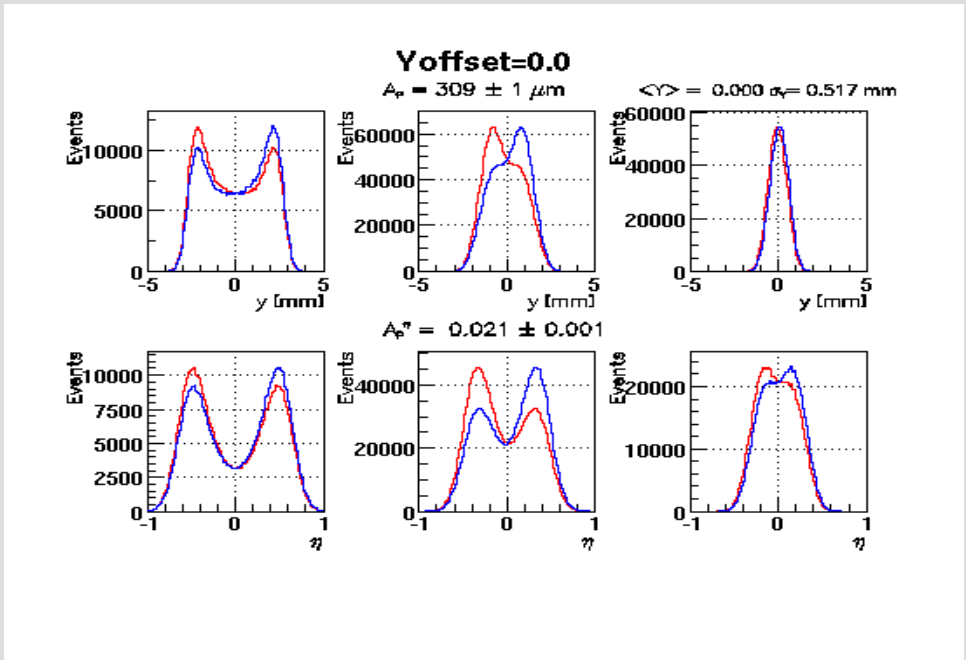
- delta Y vs P is linear, delta eta not perfectly -??? artifact ???
- steel within errors

Yoffset Variation

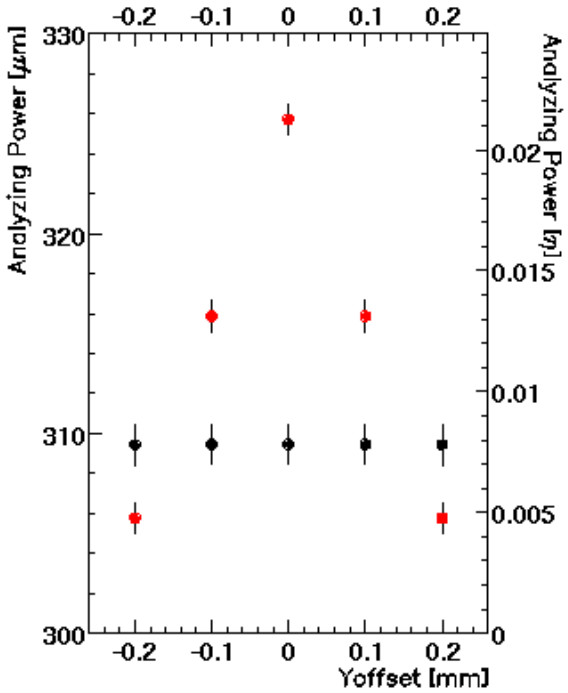




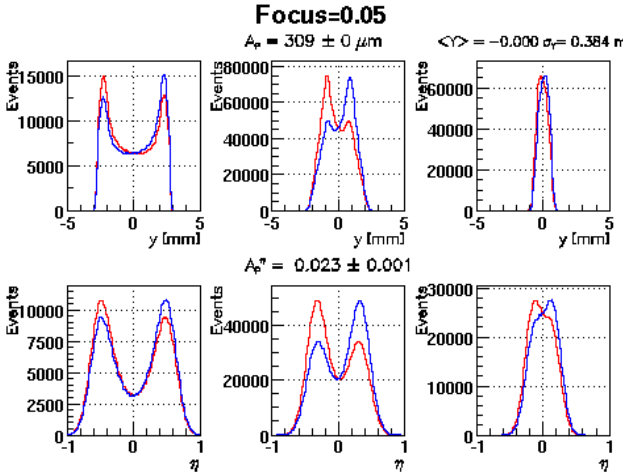


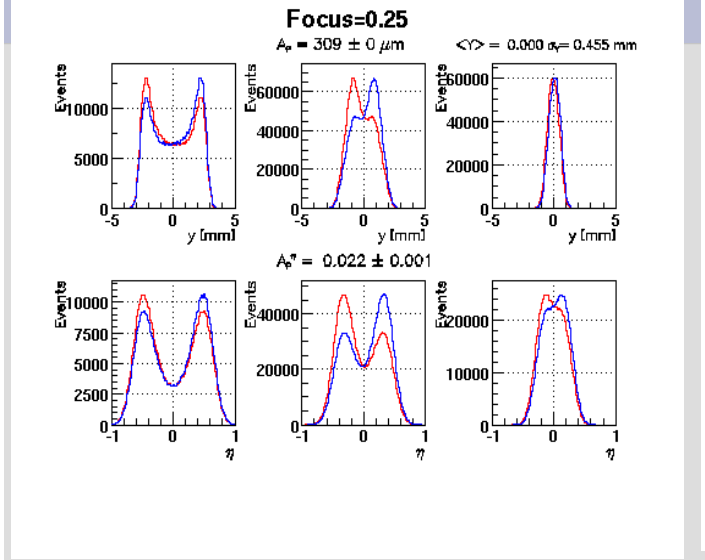


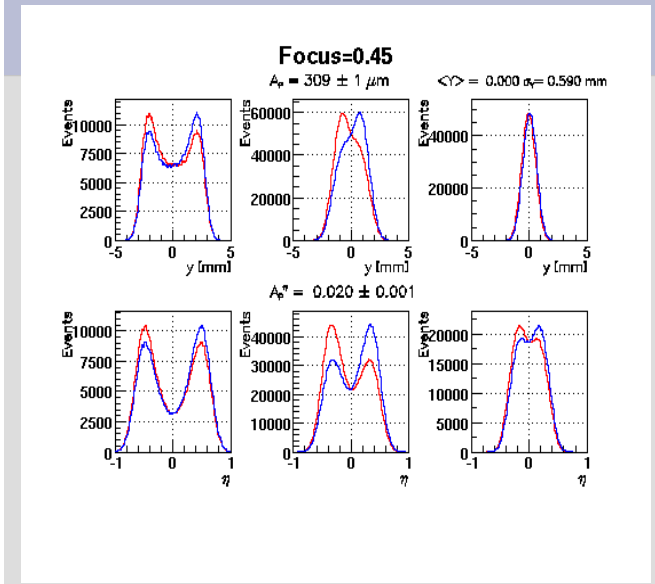
Yoffset Variation Summary

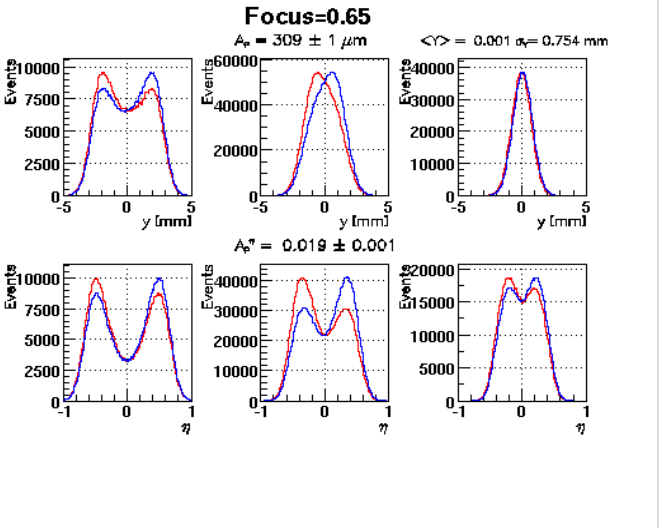


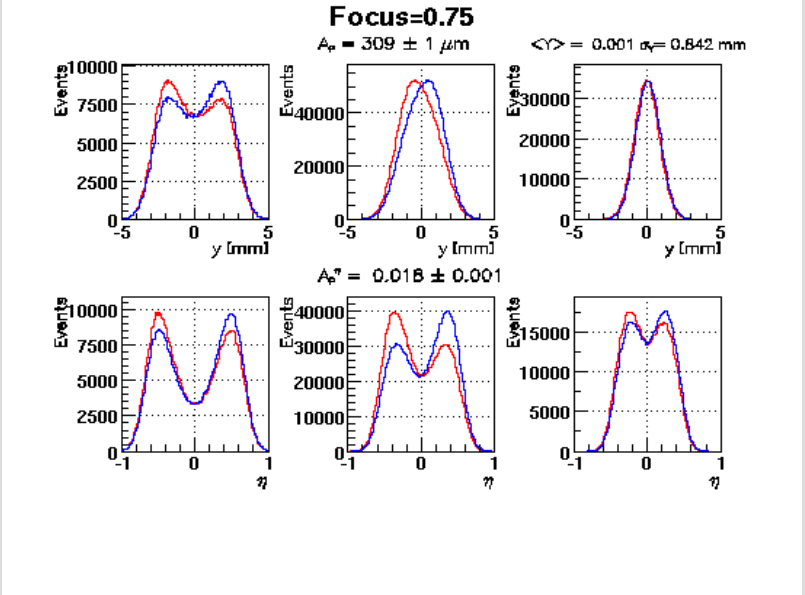
Focus Variations



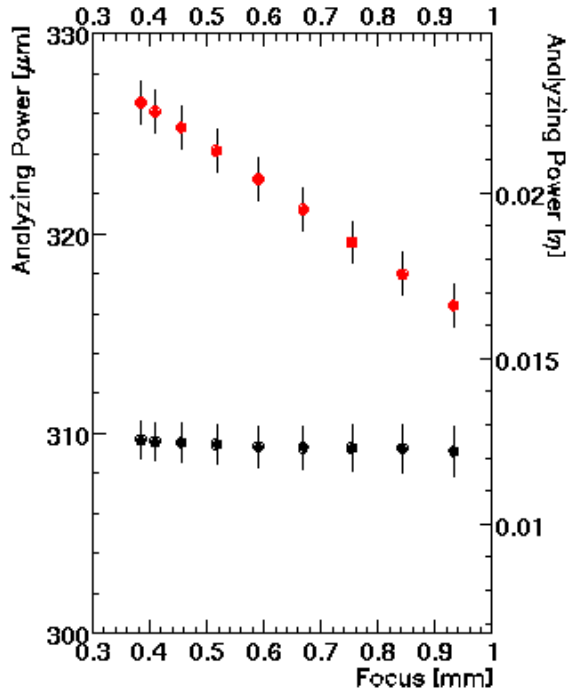








Focus Variation Summary



- delta Y Analyzing Power does not depend on the Focus

eta-y functional form

-
- $$\eta = \frac{Y}{\sqrt{R^2 + Y^2}}$$

eta-y with 7 parameters

4xR related to Moller radii of the shower core, low energy W and Scintilator

$$\eta = \sum_{i=1}^{4} \frac{Y * Pi}{\sqrt{Ri^2 + Y^2}}$$

P4==1-P1-P2-P3