High Statistics Time Walk Studies

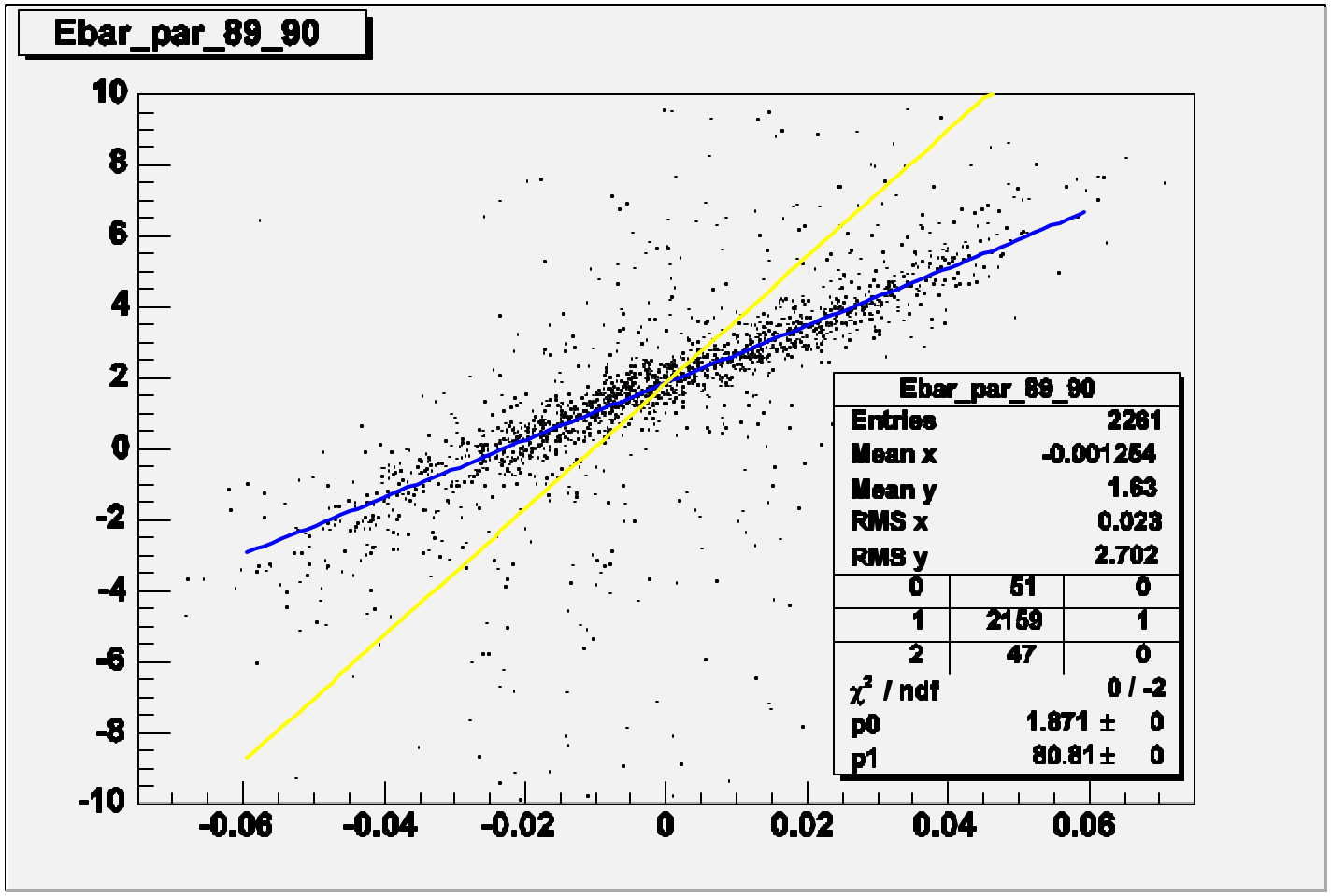
J.Fernandez, I. Vila

Partial Goal

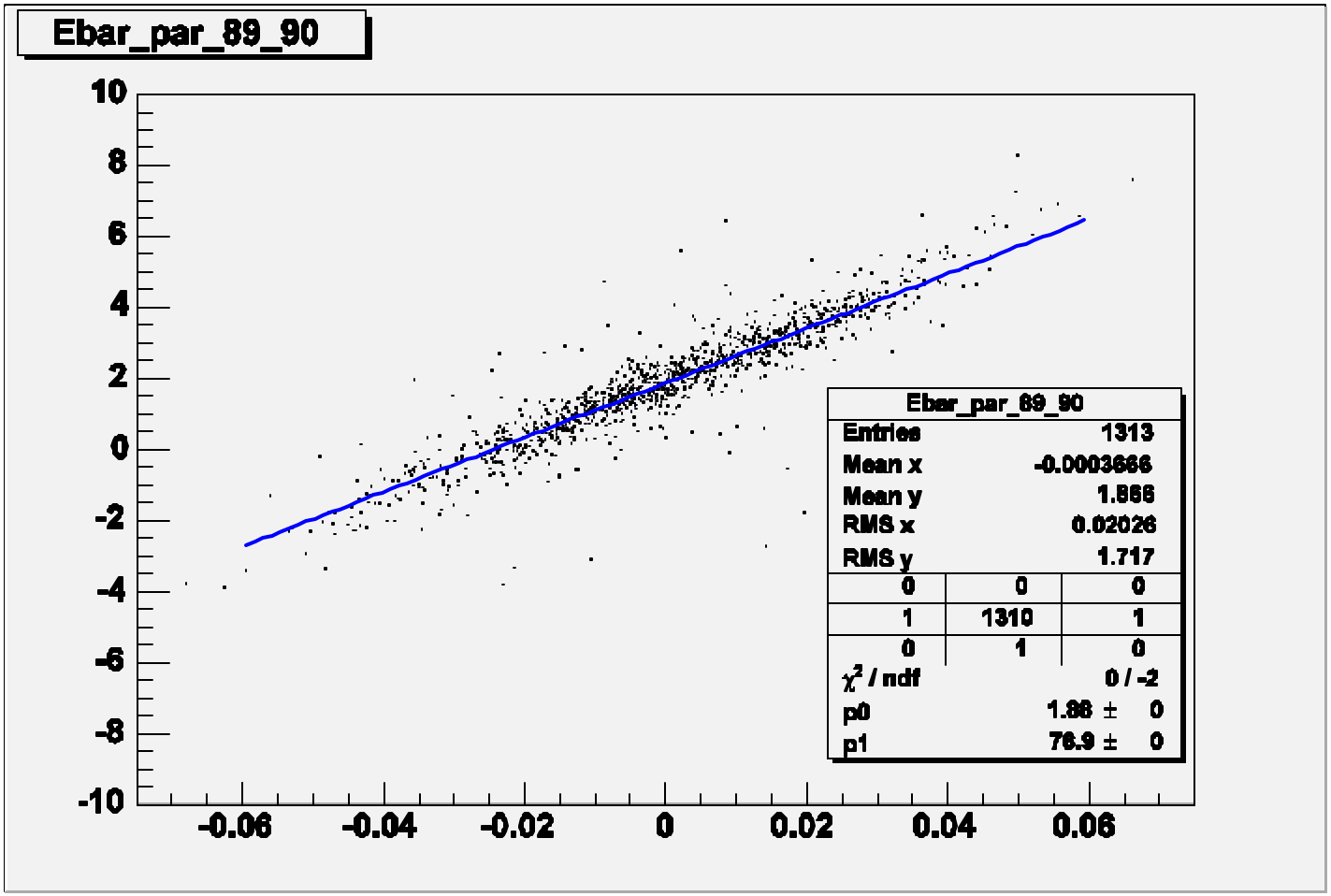
- Currently in calibrations Time walk fit :
  - Linear fit + clean up cut

    (T_{east}-T_{west} vs. z correlation)
- Do we gain something by considering a extra contribution in the time walk fit accounting for the background?

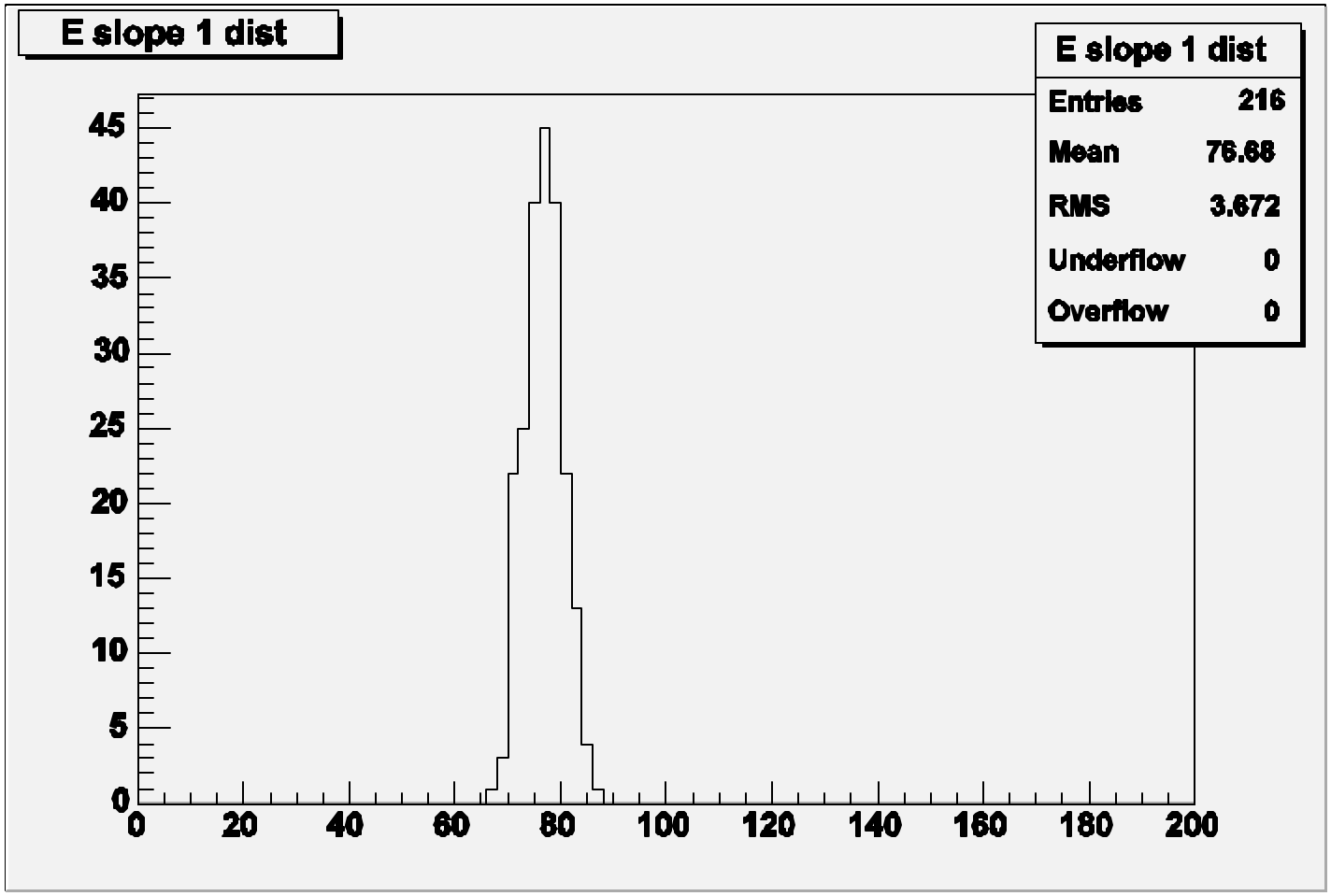
Fit w/o clean up cut



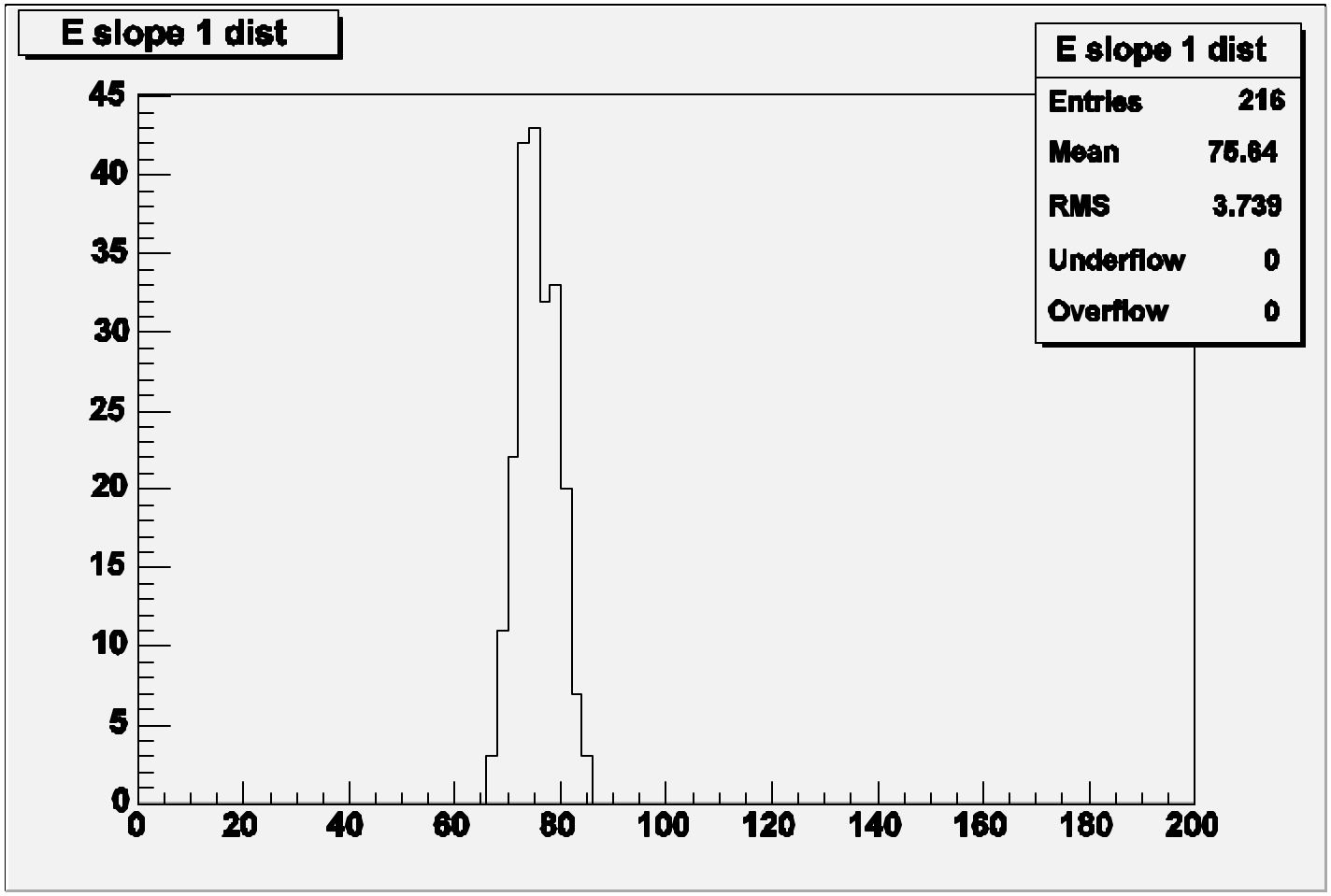
Fit after clean up cut



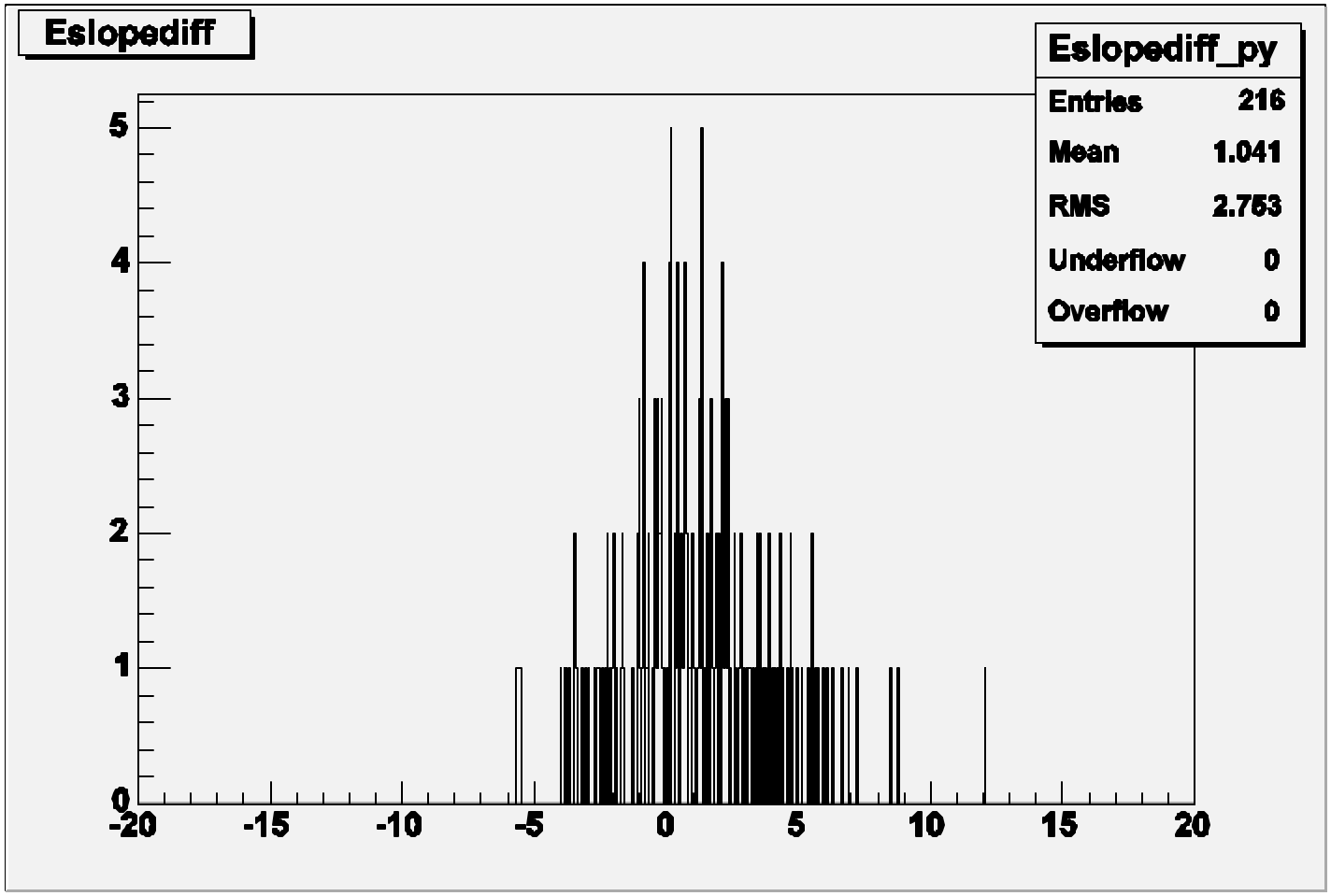
Fitted Slope (no clean up cut)



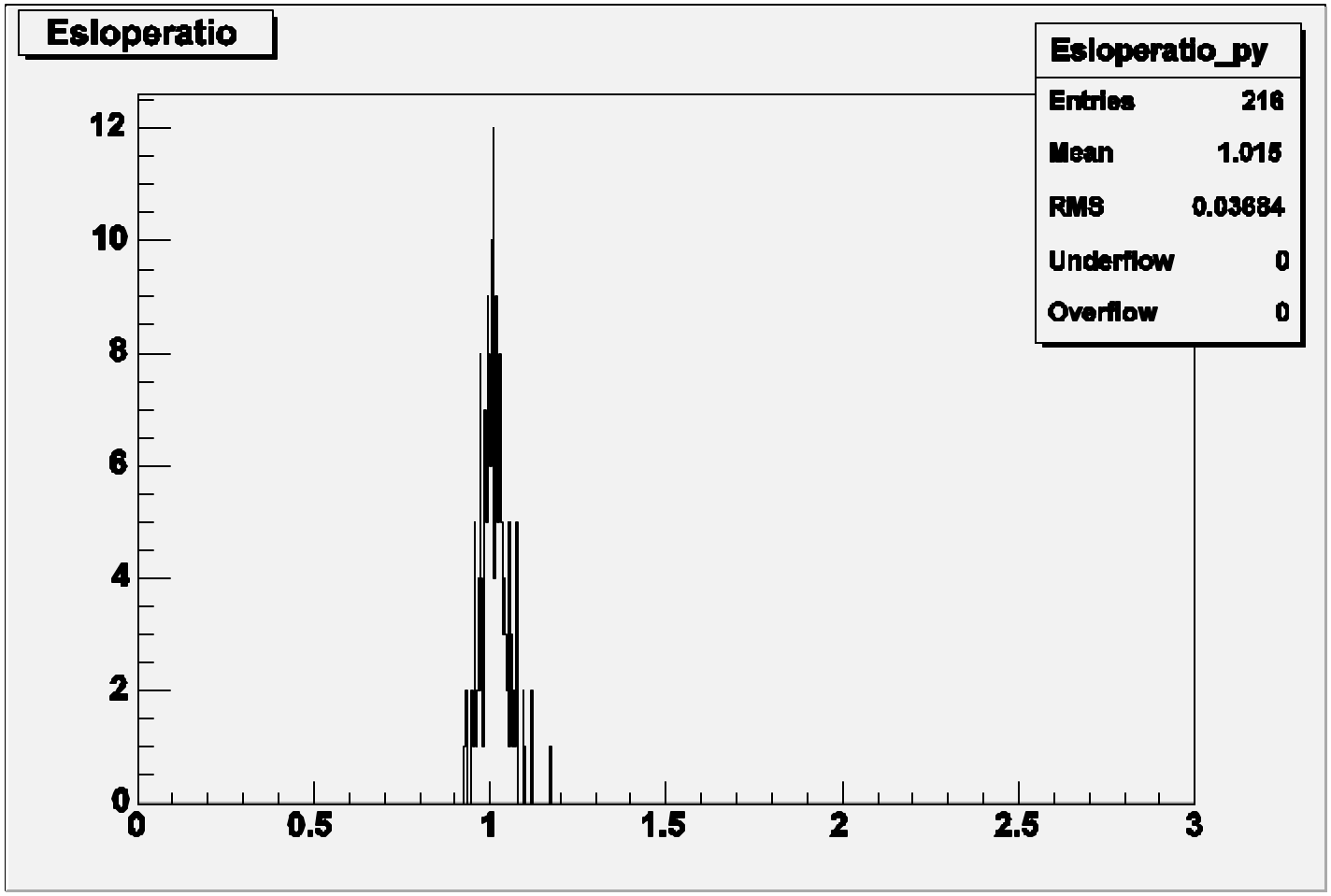
Fitted Slope (clean up cut)



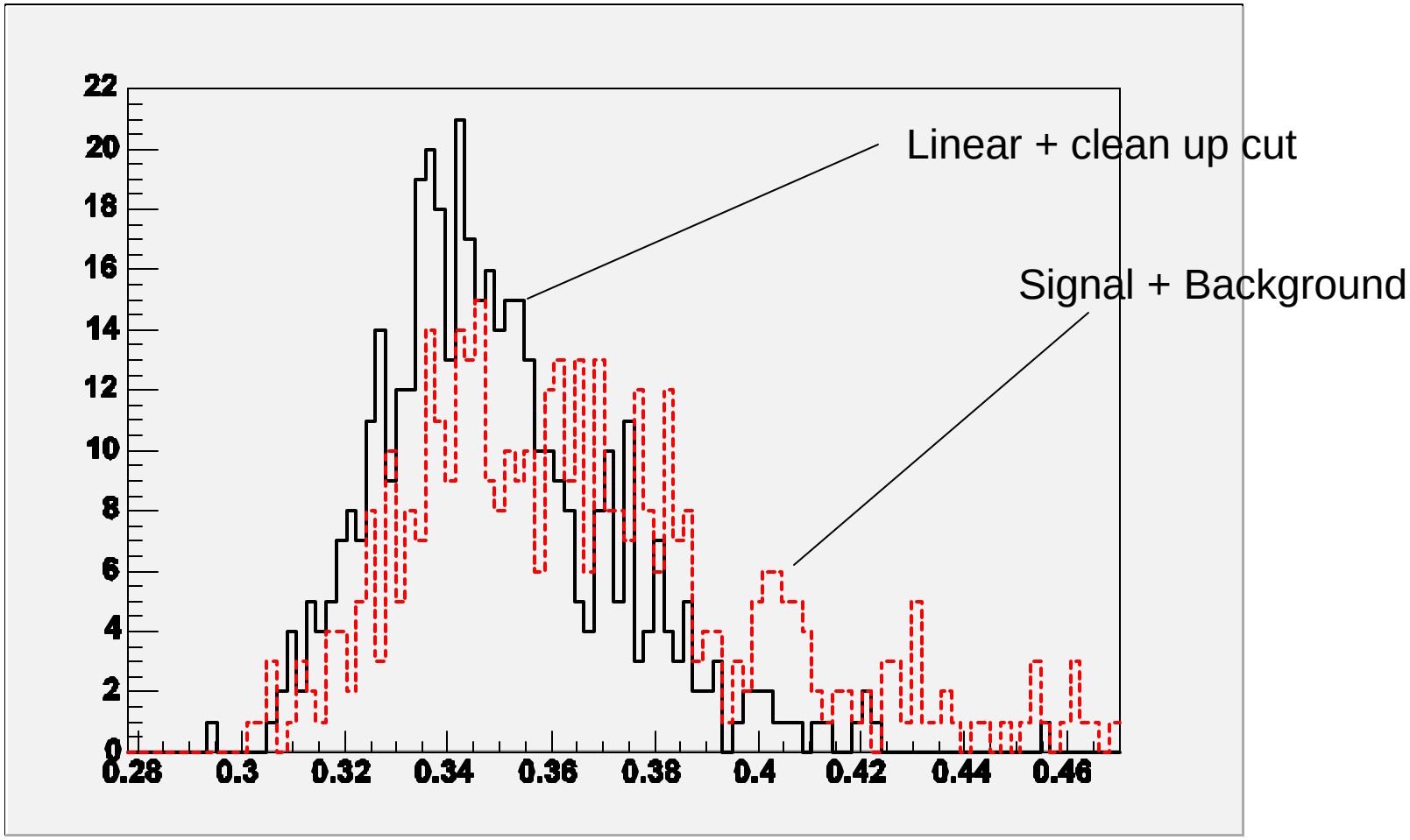
Differences between slopes



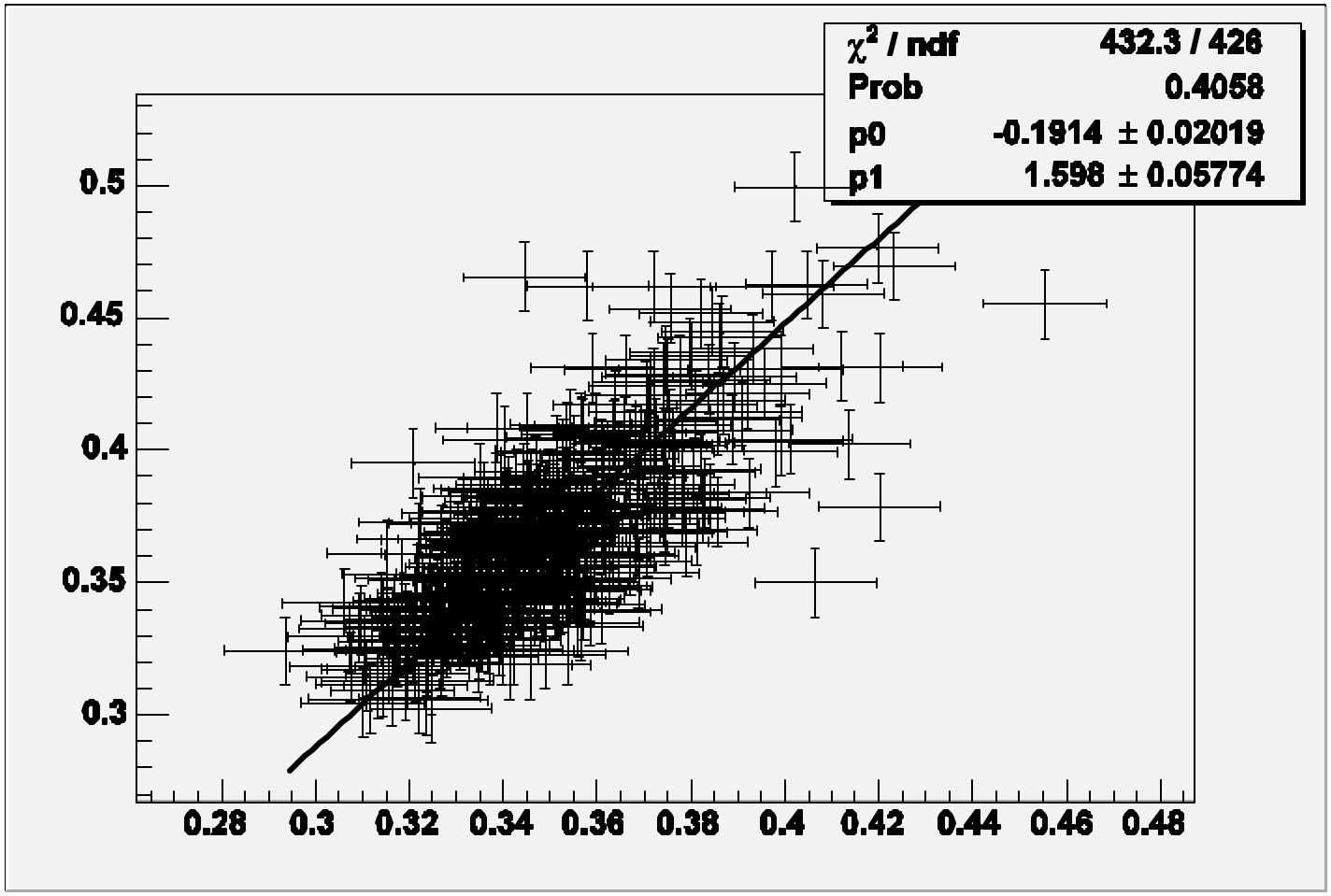
Slopes ratios



Fit residuals distributions



Residuals correlations



Conclusions

- There is not a practical improvement in the result introducing the background in the fit.
- The fit residual distributions are better in the case of the clean up cut.
- One should not expect any improvement on the t-w parametrizacion following this way.