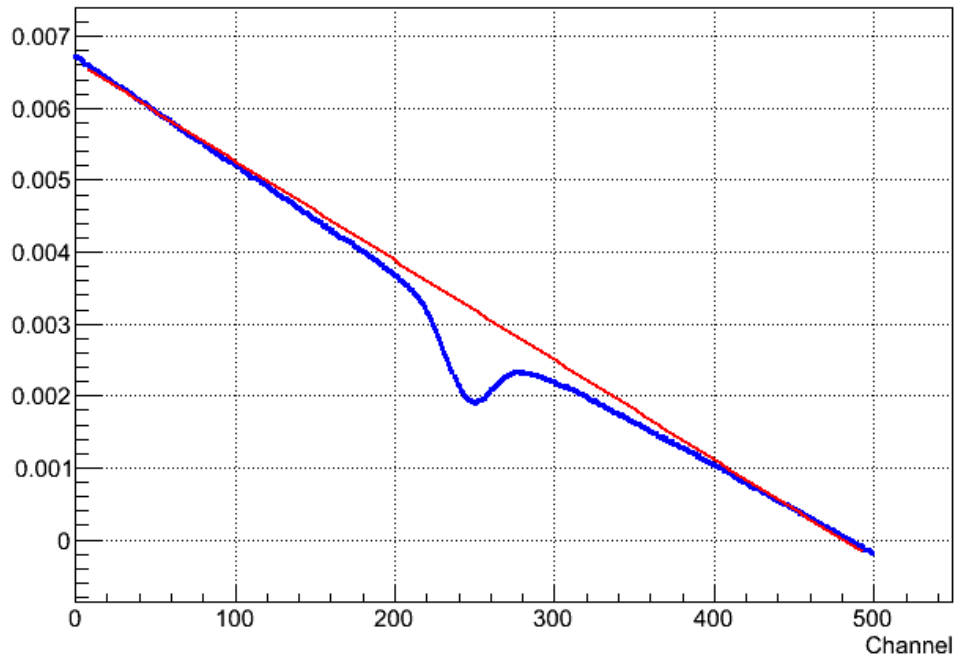
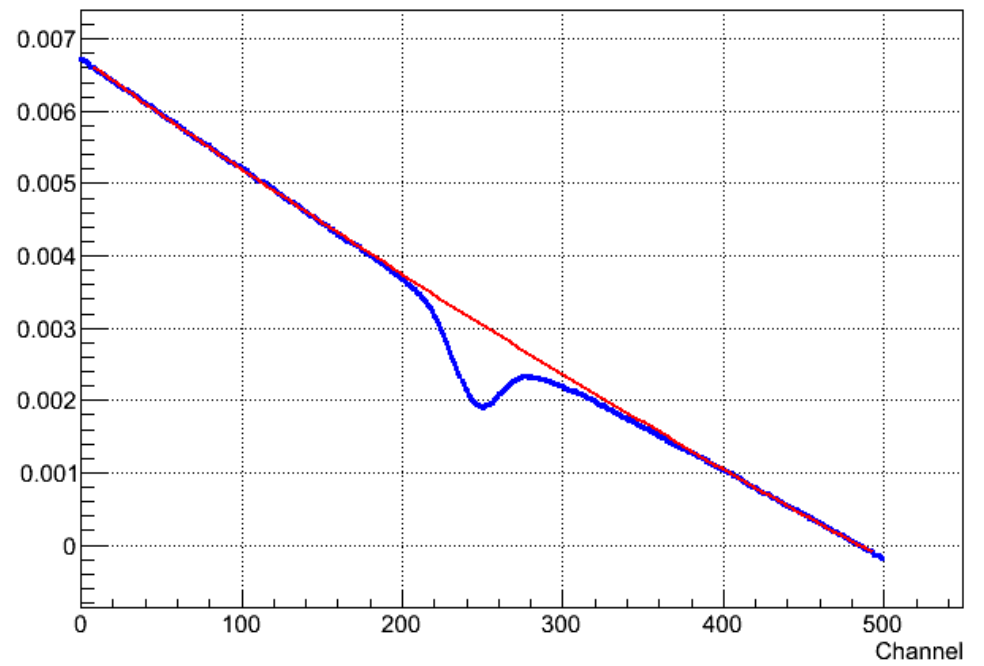


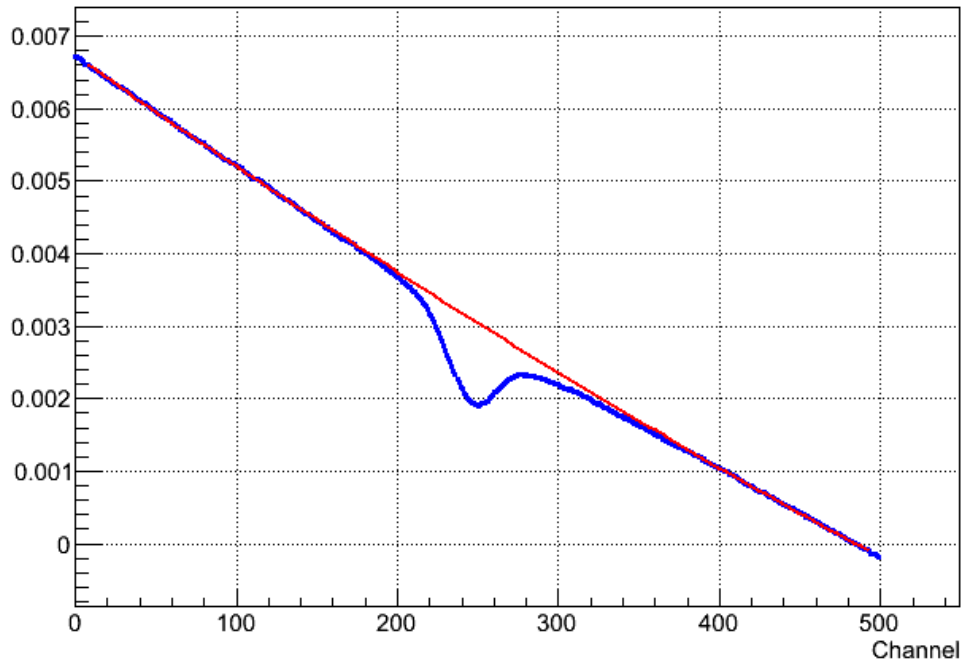
1st Order Polynomial Fit



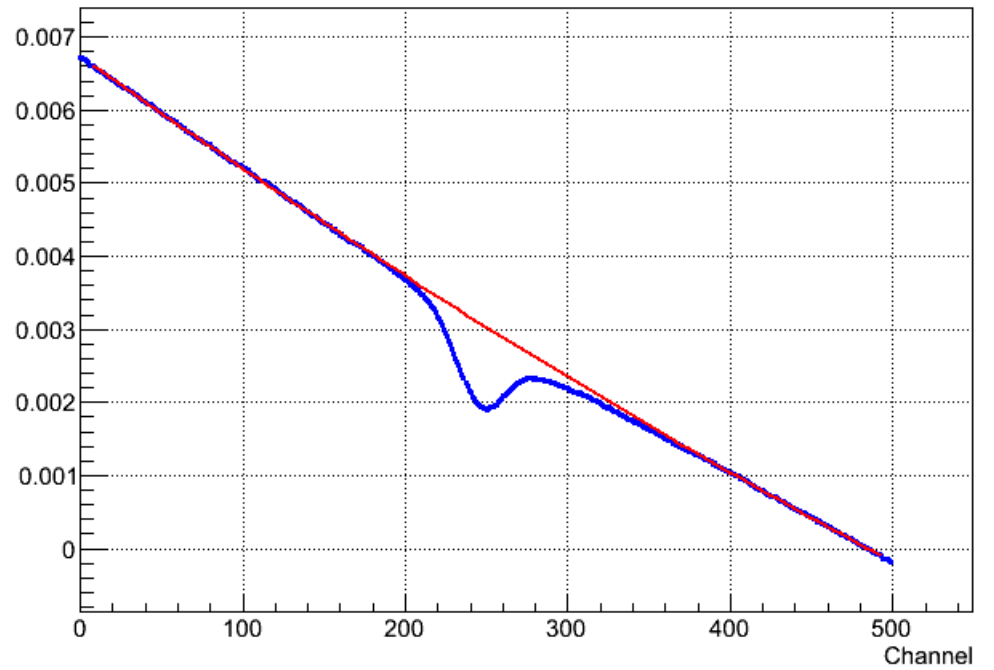
2nd Order Polynomial Fit



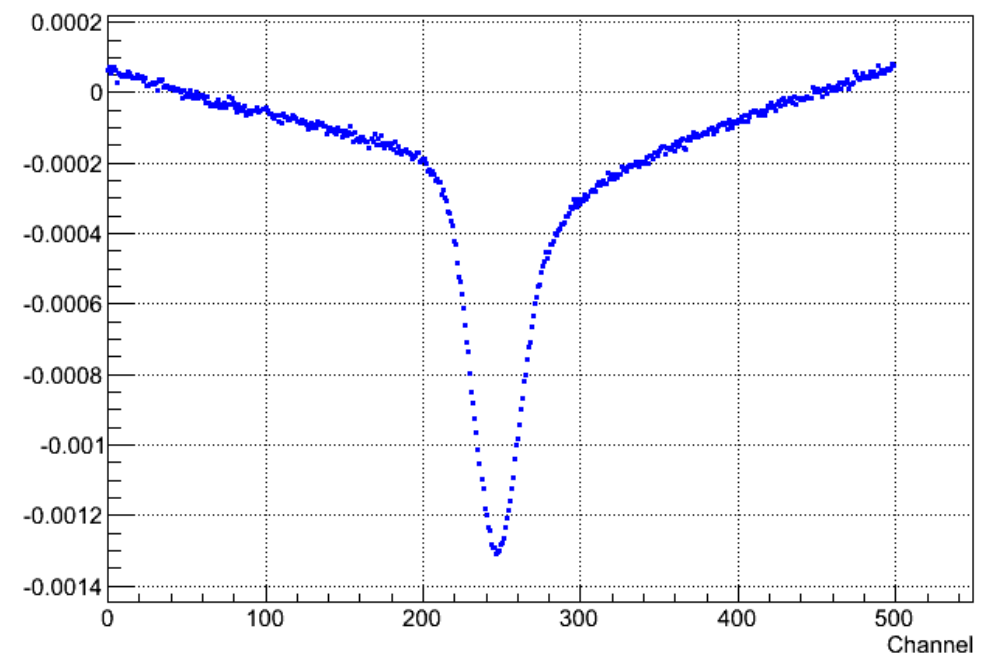
3rd Order Polynomial Fit



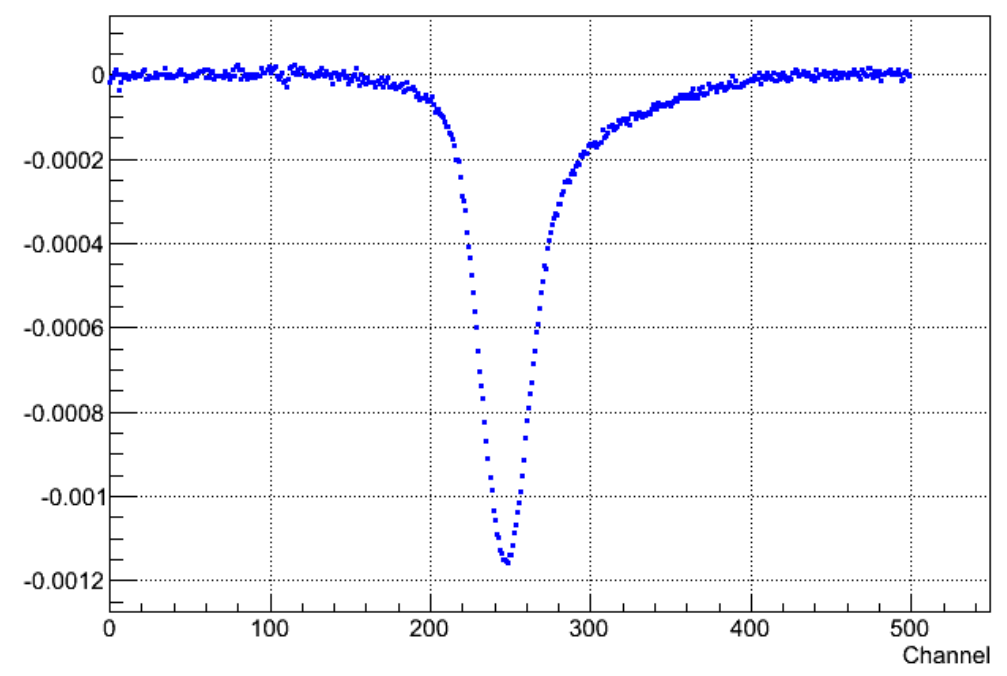
4th Order Polynomial Fit



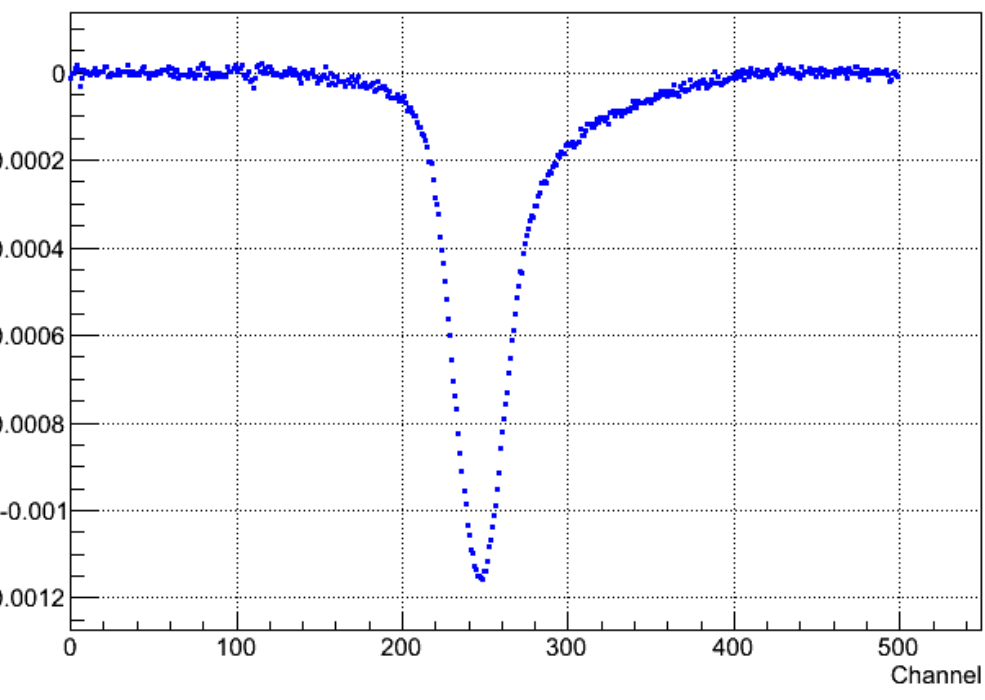
1st Order Fit Subtracted



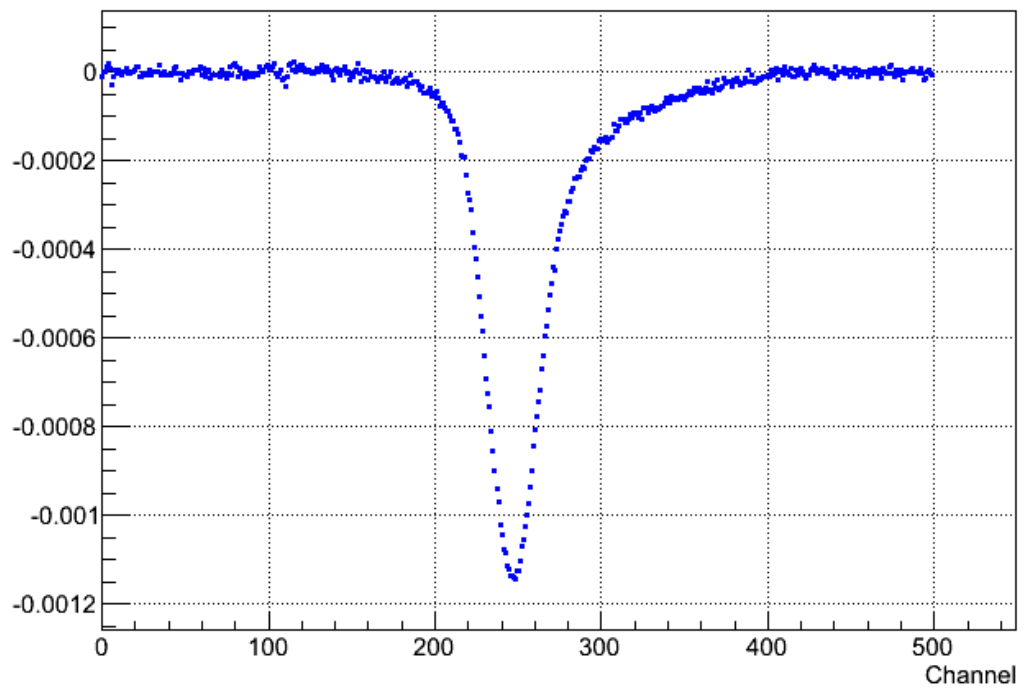
2nd Order Fit Subtracted



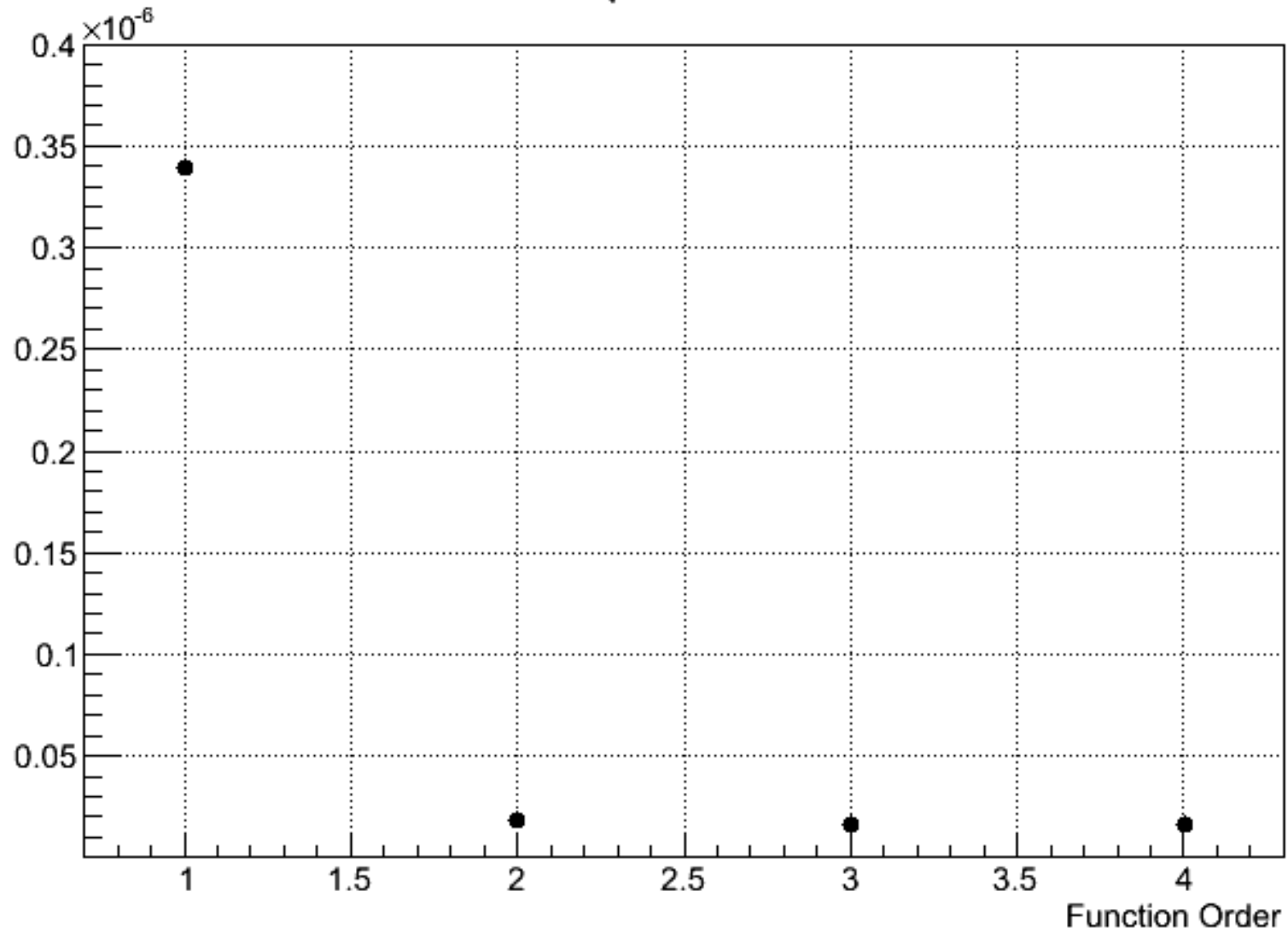
3rd Order Fit Subtracted



4th Order Fit Subtracted

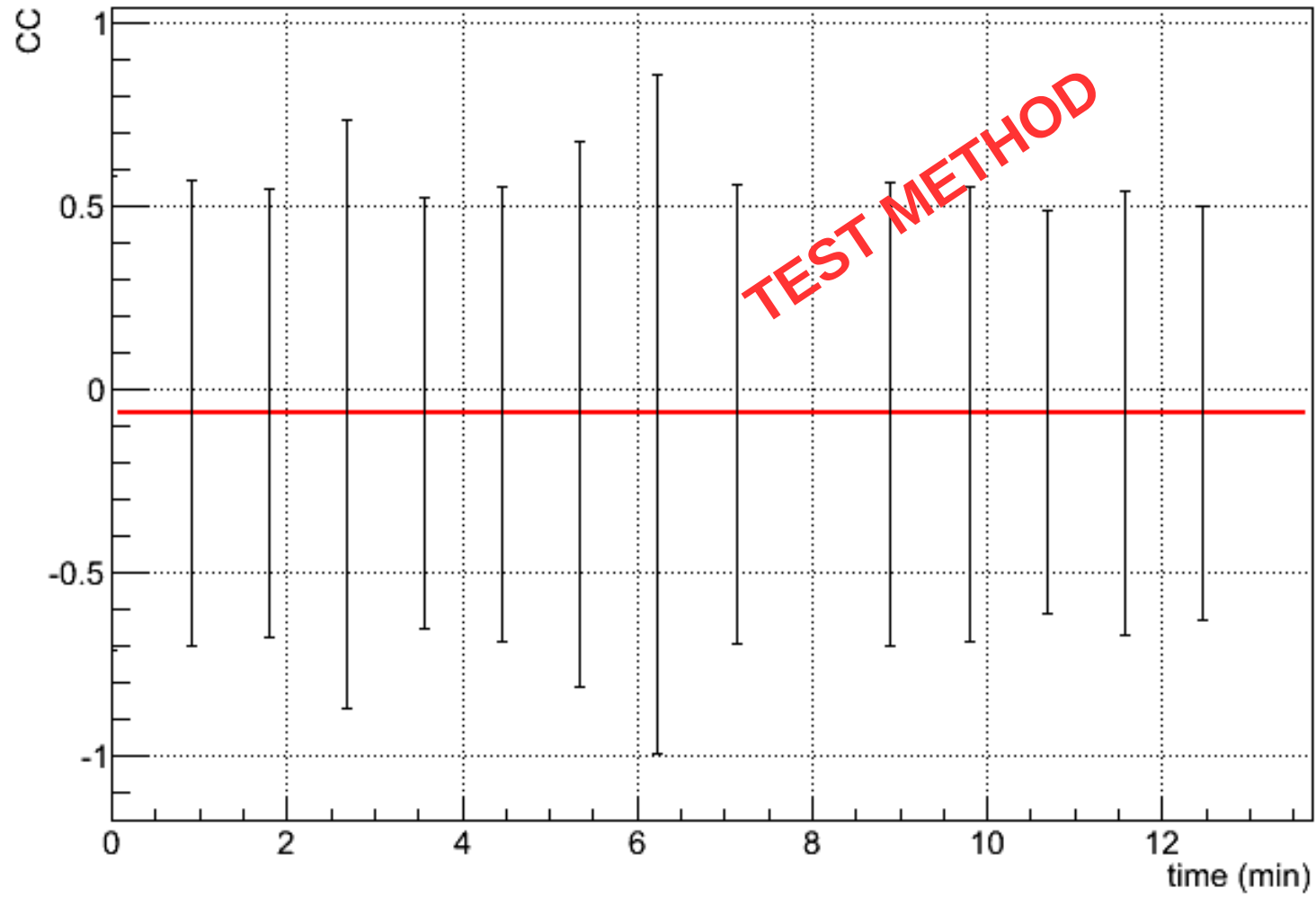


Chi-Squared Values



The rest of the data points for TE 3 are available on my collaboration page.

TE 3

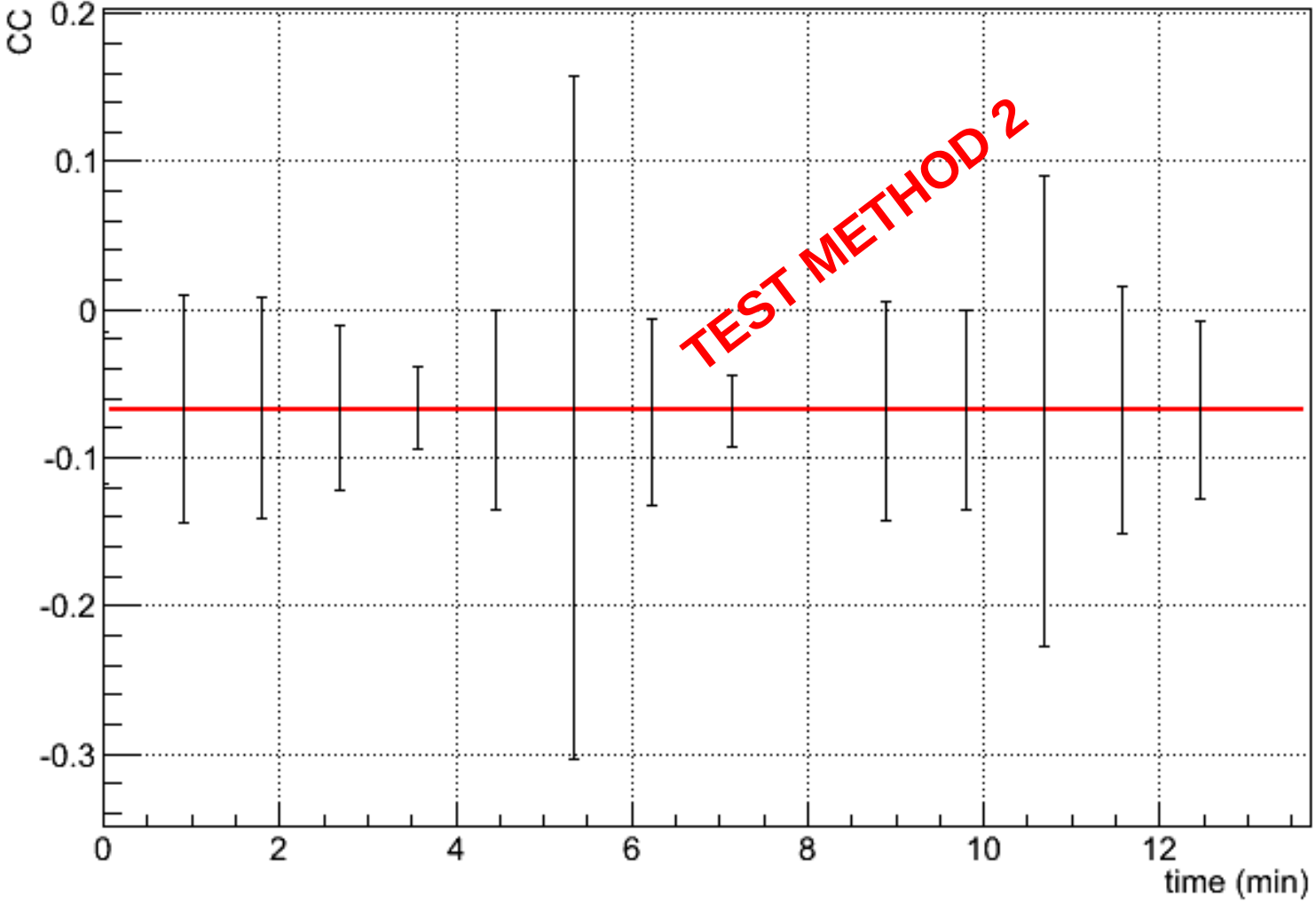


Second Method:

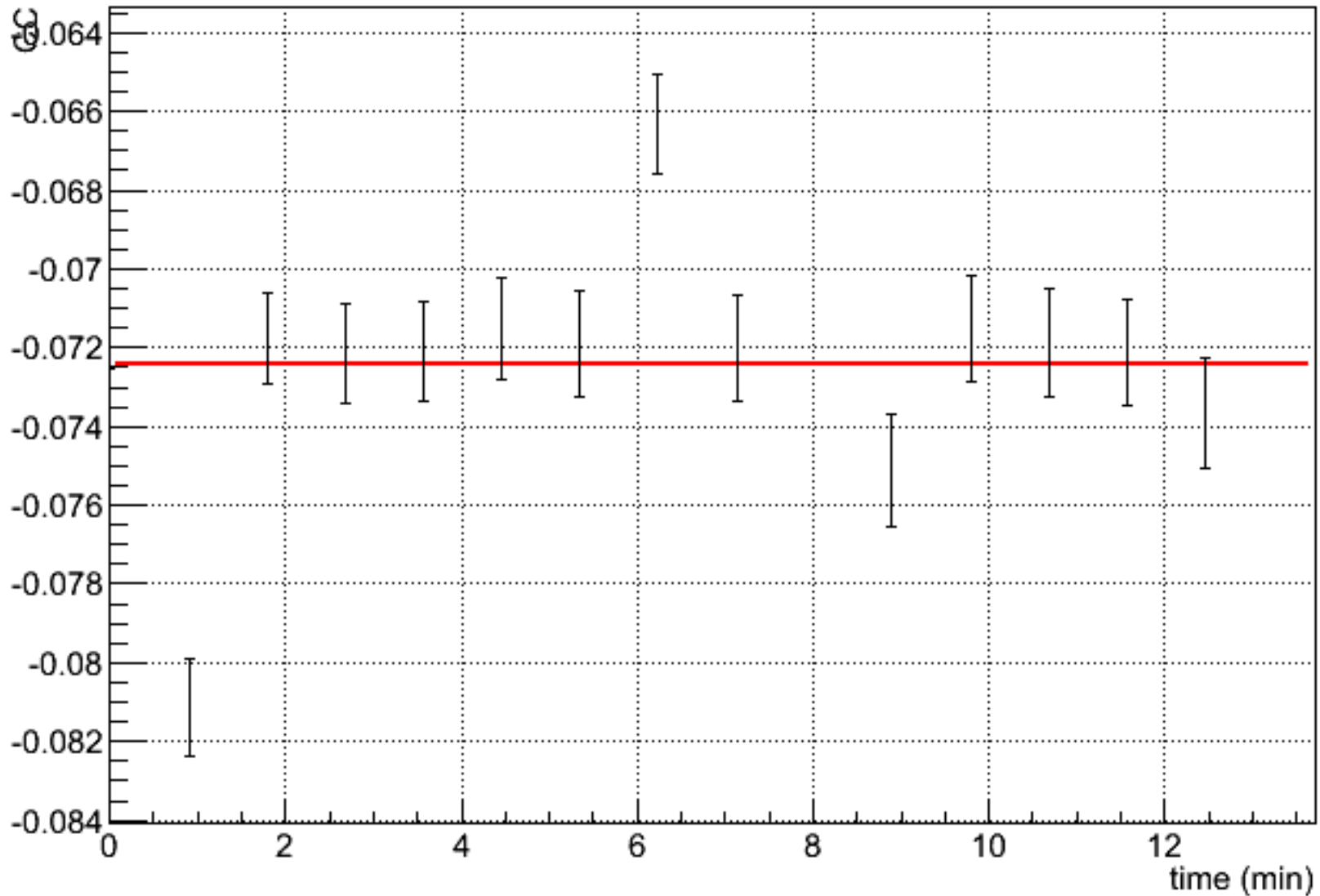
- Consider only two fits in closest agreement (least difference in chi-squared values)
- Area = average area between two fits
- Uncertainty = variance in area between two fits

Area +/- uncertainty	% relative
-0.0588582399063 +/- 0.00289896967052	4.92534210186
-0.0588673287536 +/- 0.00446706610639	7.5883621713
-0.0596896203325 +/- 0.00432552996991	7.24670377499
-0.0594958116342 +/- 0.0031213740574	5.24637612576
-0.0596581959754 +/- 0.0012430493813	2.08361879031
-0.0584253774411 +/- 0.00380196558545	6.50738728951
-0.0546343772281 +/- 0.0125514388025	22.9735185781
-0.0573370885572 +/- 0.00343832935757	5.99669331683
-0.0582487944412 +/- 0.000938625388792	1.61140740816
-0.0585984424659 +/- 0.00418312520382	7.13862865254
-0.0588135120036 +/- 0.00377723415679	6.42239177379
-0.0588242319626 +/- 0.00927908572089	15.7742573278
-0.0585393511593 +/- 0.00475807978168	8.12800225396
-0.0595073705981 +/- 0.00339096385269	5.69839302024

TE 3



TE 3



No fit uncertainty (~ 1% - 1.5% from TE pol. calculation)