Status of CTB2 electronic calibration

- ## Mostly done

  - ### All necessary data for CondDB produced (after few iterations, thanks to Sven and Andrei M. for checking) and filled

 - ### Some consistency checks done, waiting for more feedback

- ## Open problems

  - ### Shape reconstruction in EMEC3

    - Results recently obtained by Andrei M. showed the wrong shape prediction in EMEC3. They were not checked during production.

    - Try to improve by changing the reconstruction parameters blindly – it works, but no systematics found so far

    - Need to be discussed with electronics expert

  - ### Anything else ?
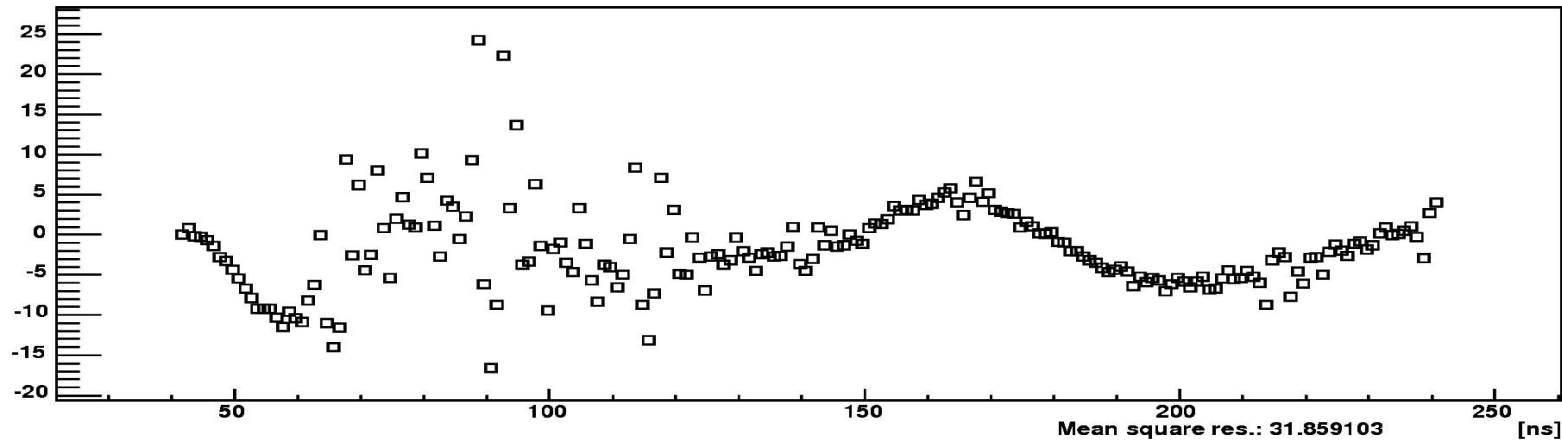
Status of CTB2 electronic calibration
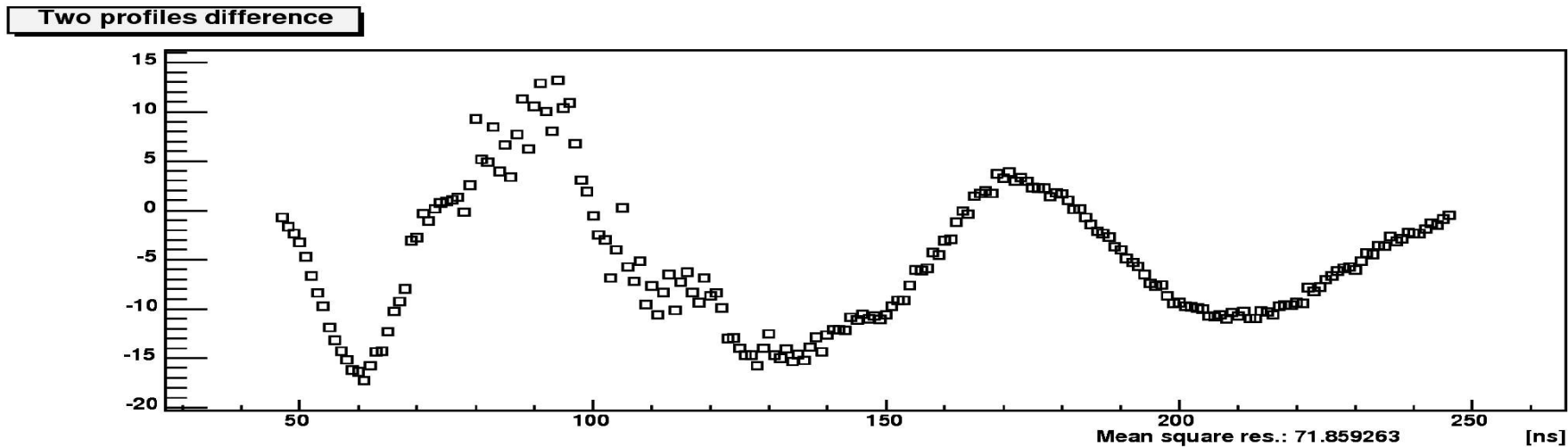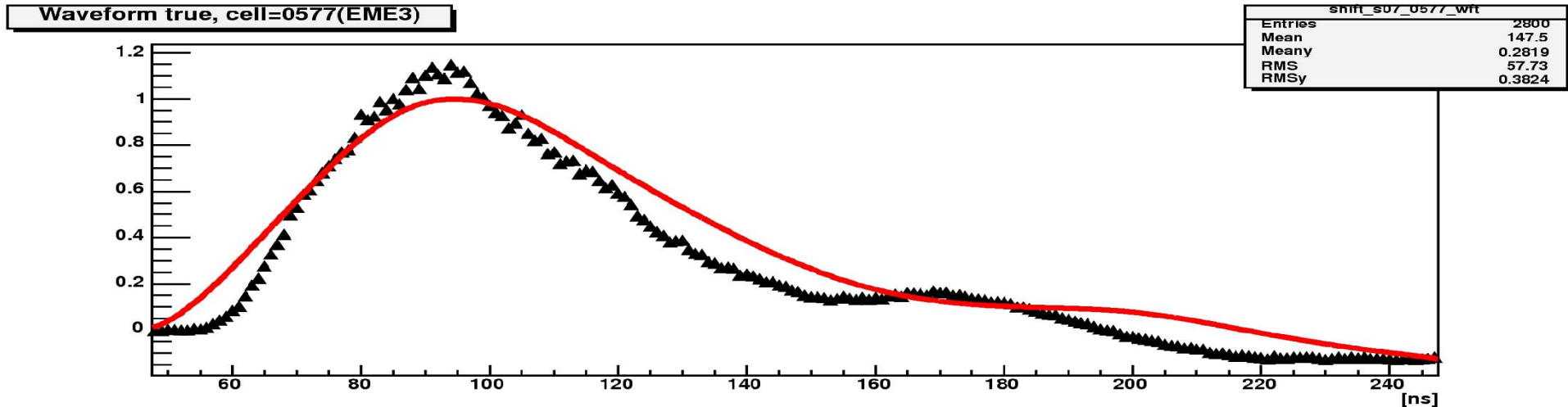
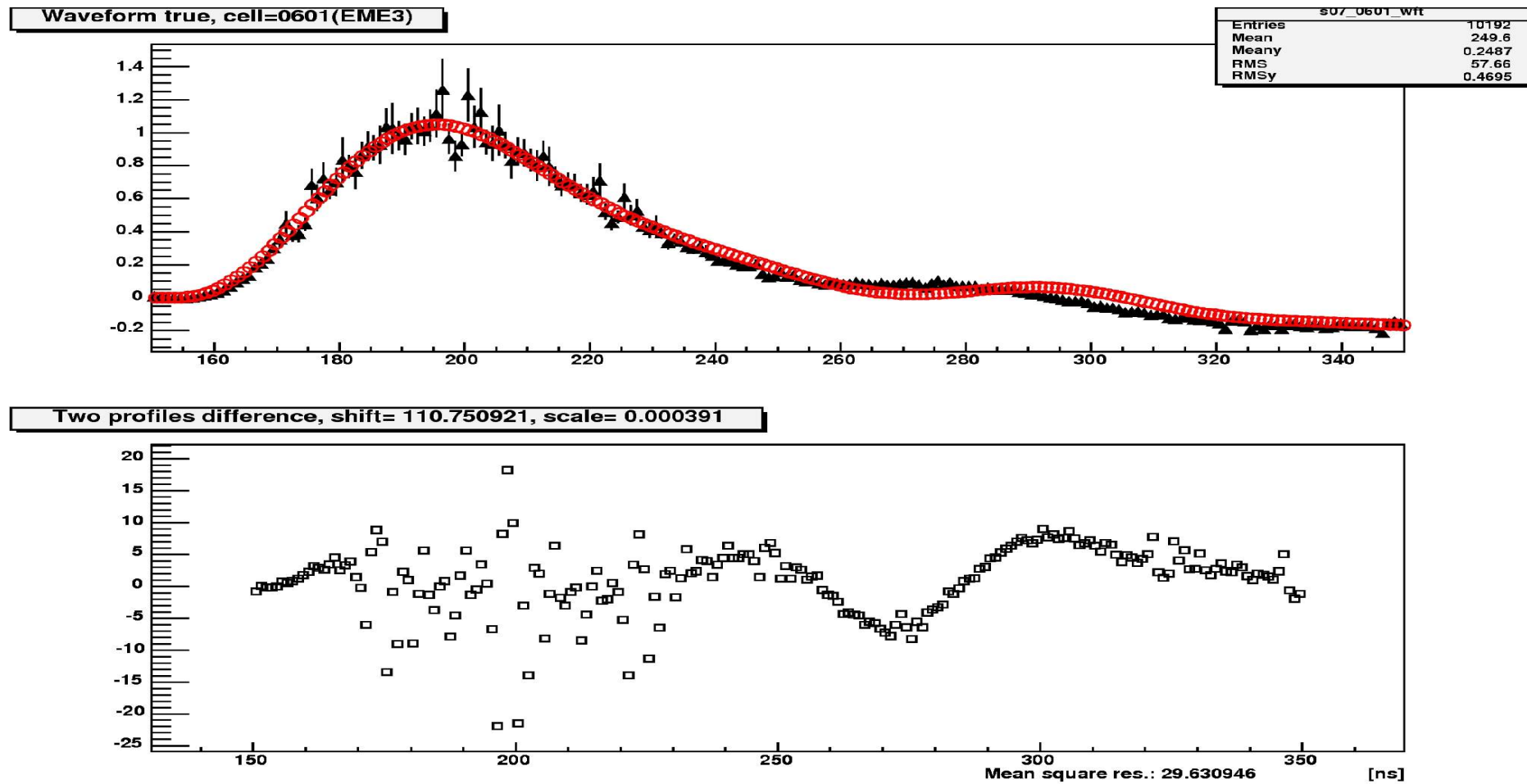- Current EMEC3 shape prediction
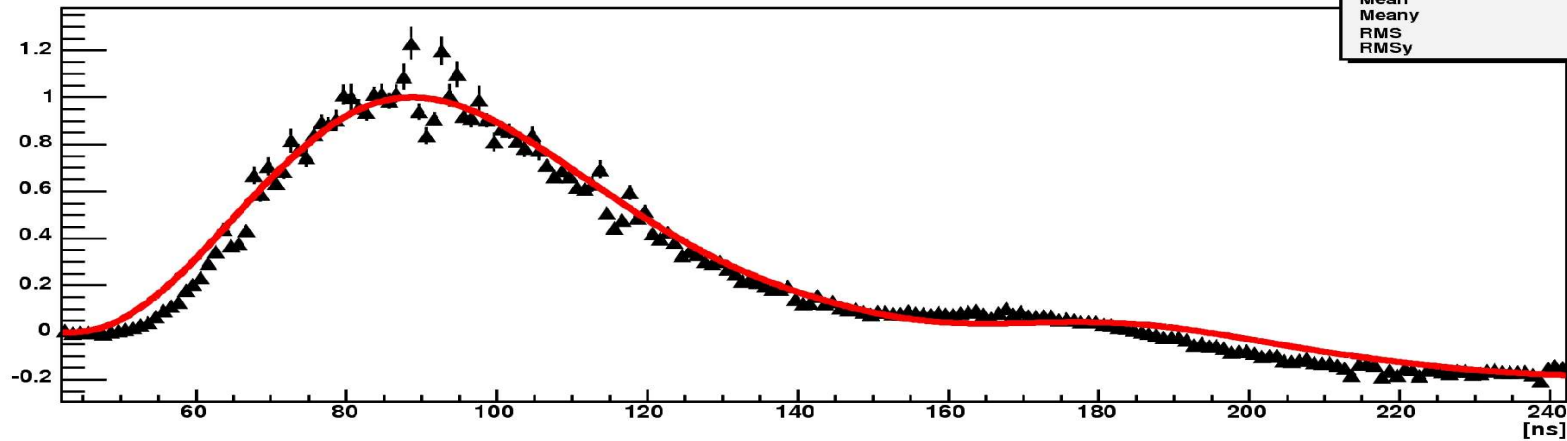
Status of CTB2 electronic calibration

- Current EMEC3 shape prediction

Status of CTB2 electronic calibration

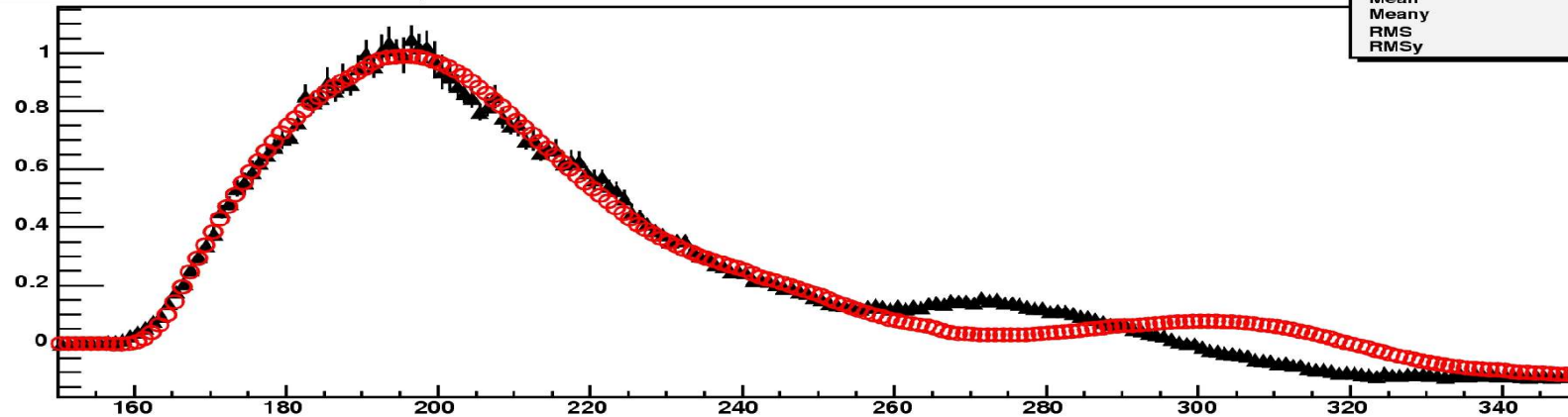- EMEC3 shape optimized so far
  τ_0=8.ns, τ_{cab}=11.ns, τ_g=3.ns

Status of CTB2 electronic calibration

- EMEC3 shape optimized so far
  $\tau_0 = 8.ns$, $\tau_{cab} = 11.ns$, $\tau_g = 18.ns$
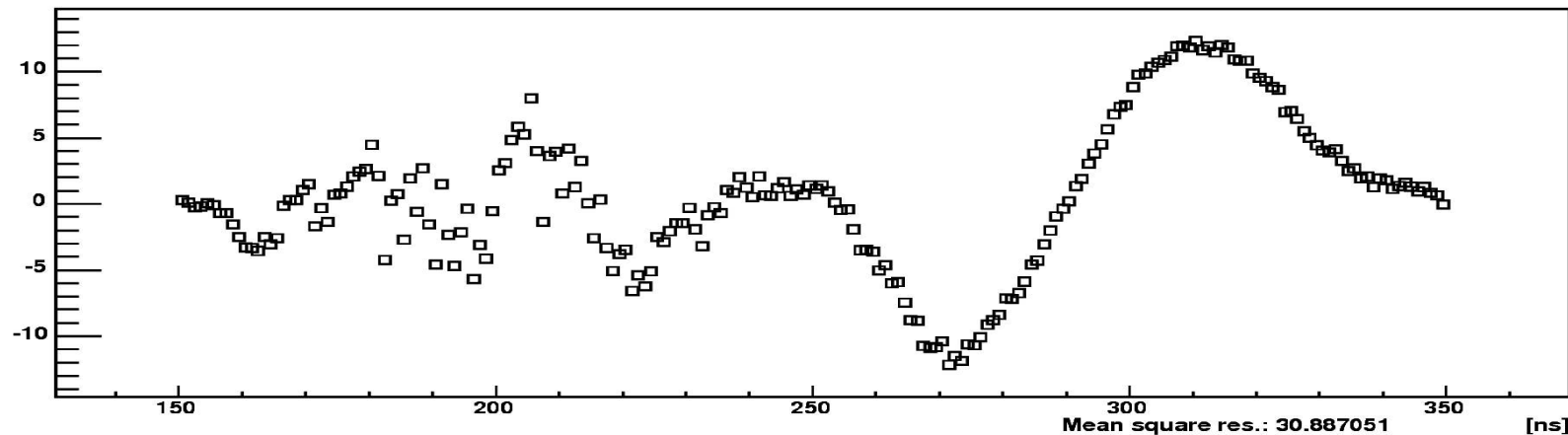
Status of CTB2 electronic calibration

- Conclusions

  - Improving of the EMEC3 shape description could be achieved, but in "blind" way – so far no understanding for necessary parameter values

  - This would be the only change in the current iteration for the new constants in CondDb

  - Next iteration after some results from data analysis will be available