

Status Report

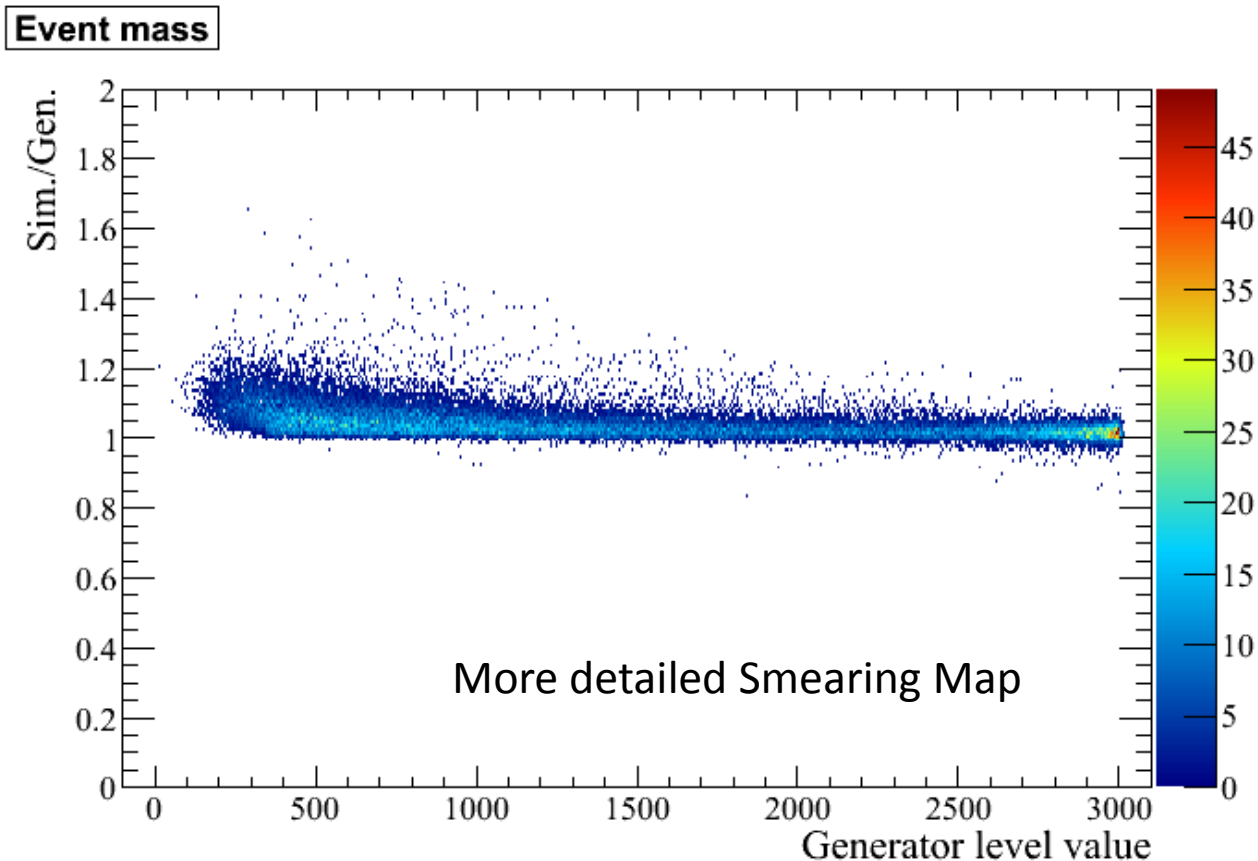
LAPP LCD Physics meeting

18/05/2011

- Bilan smearing
- Bilan Zp

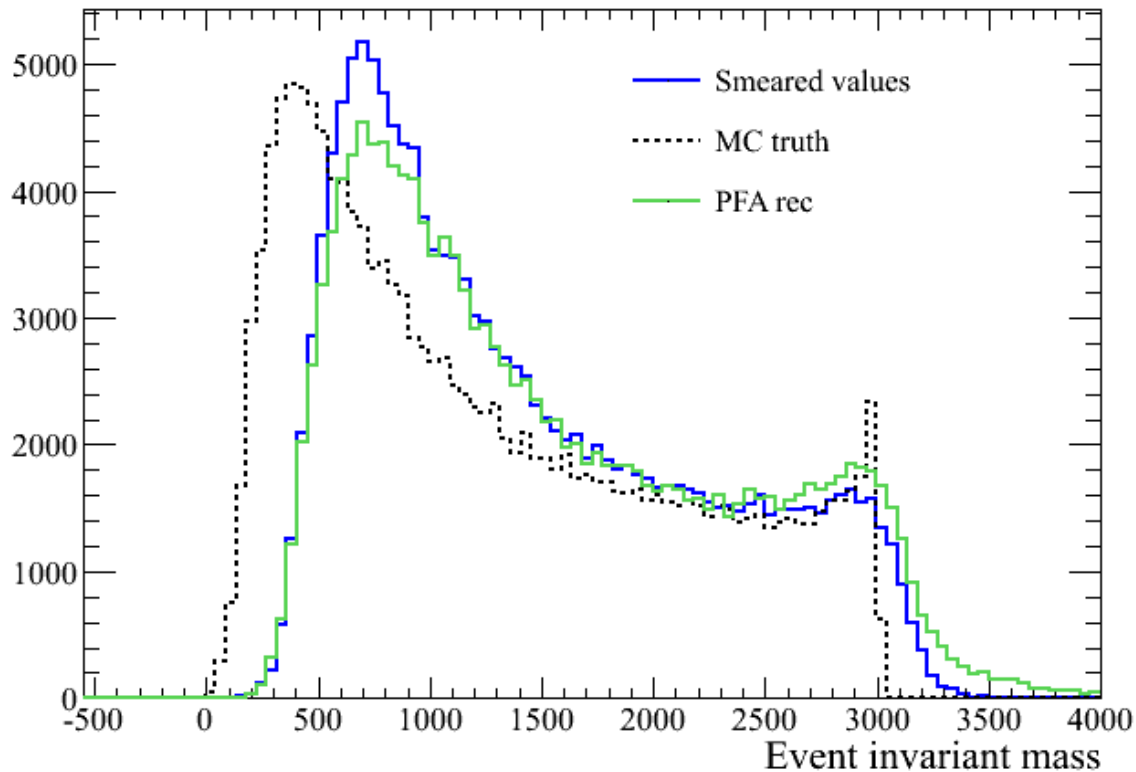
Bilan smearing

- Additionnal statistics in full sim ($\sim 90\text{kevt}$)



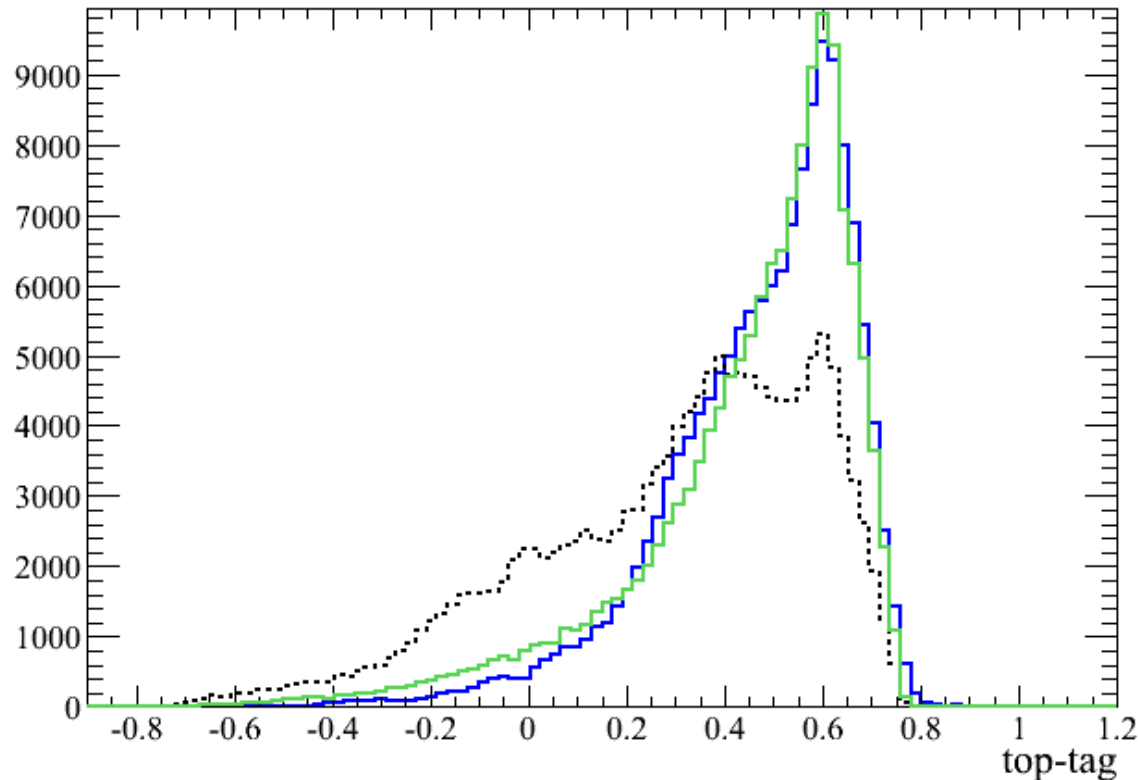
Bilan smearing

- Some imprecision remains ...



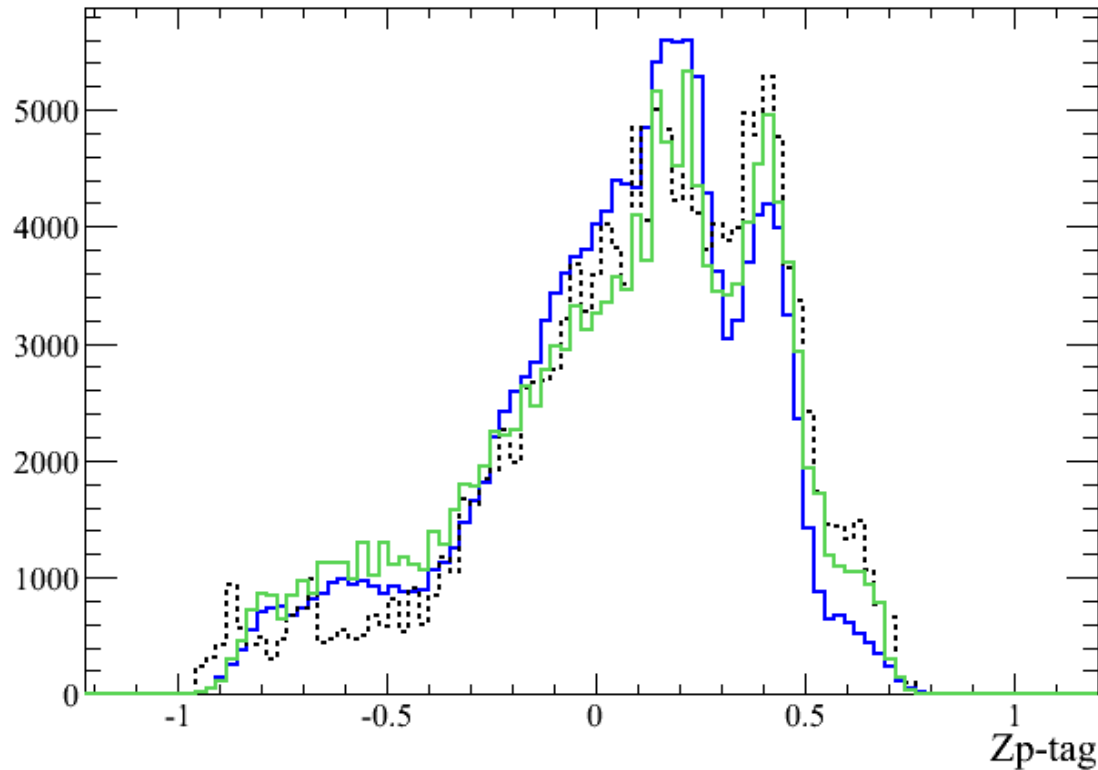
Bilan smearing

- To limit impact of imprecise smearing
 - Reduce number of smeared variables needed

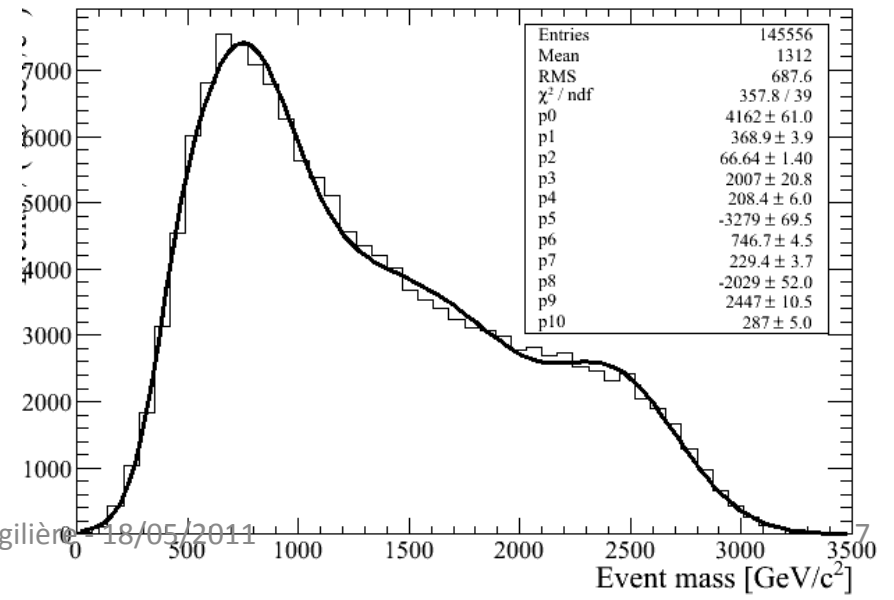
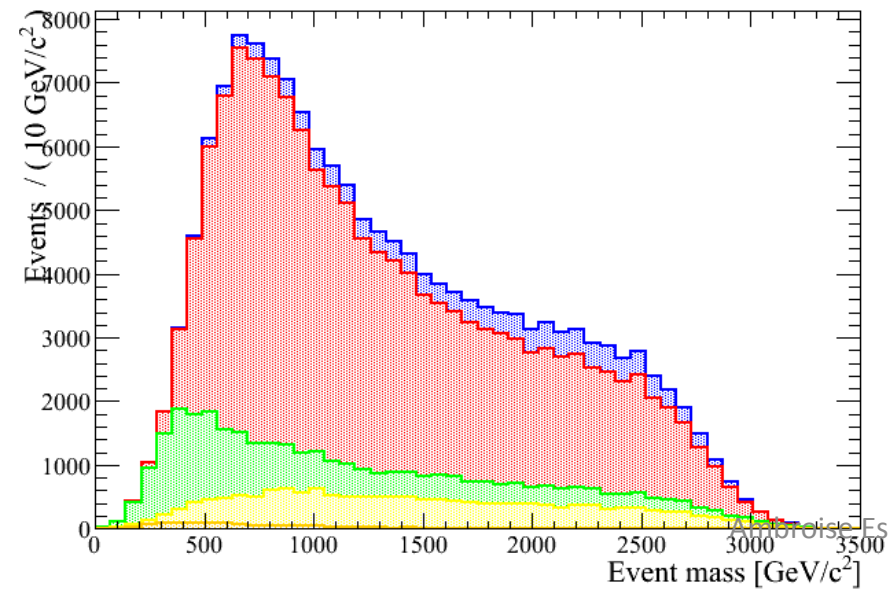
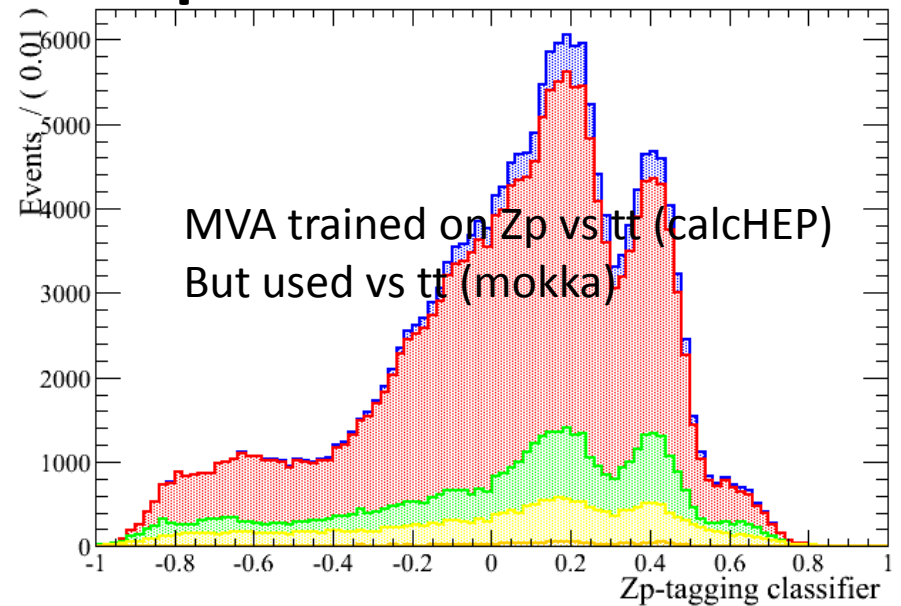
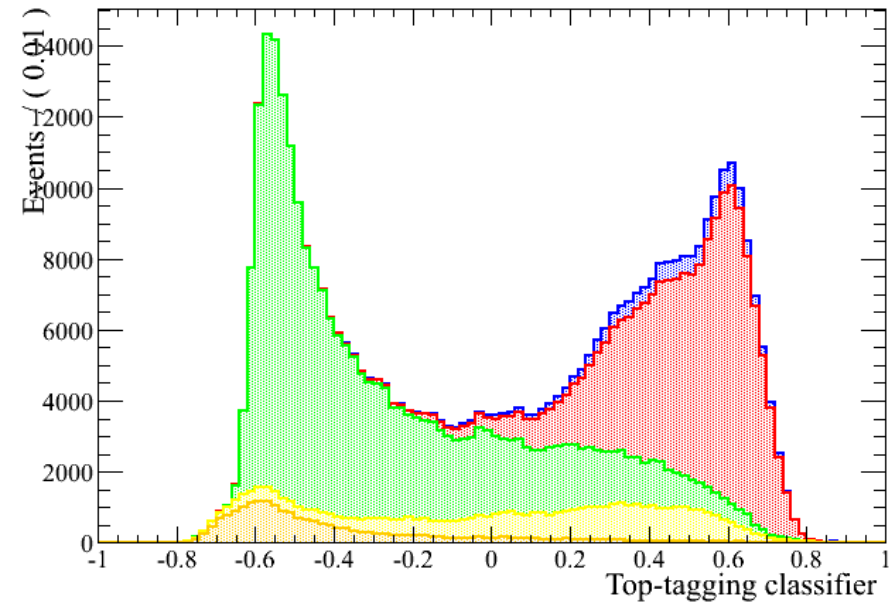


Bilan smearing

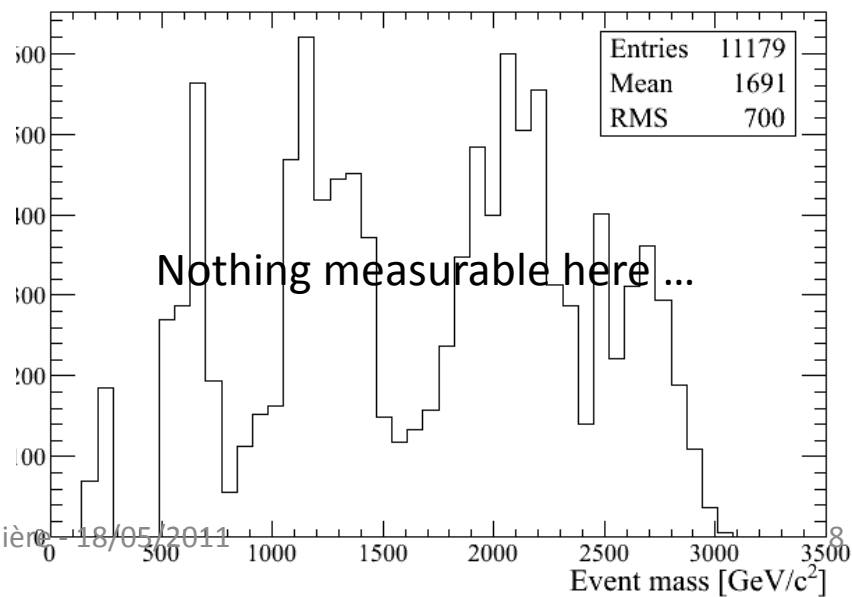
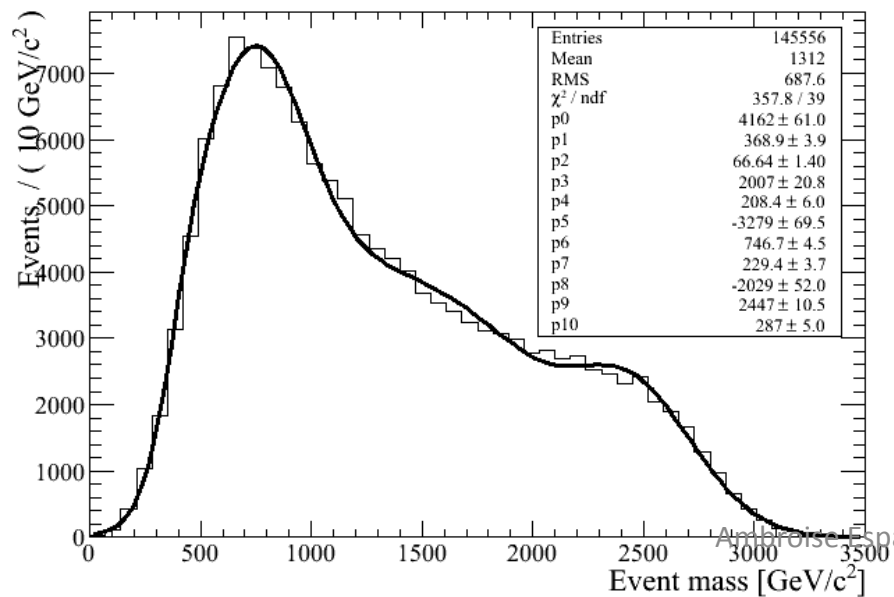
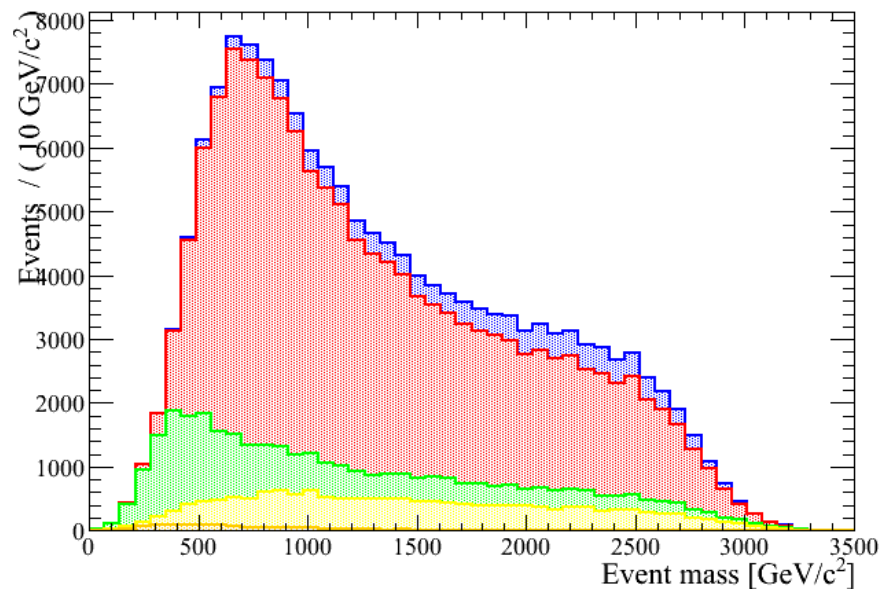
- To limit impact of imprecise smearing
 - Reduce number of smeared variables needed



Bilan Zp



Bilan Zp



Bilan Zp

- Generator level study OK
- Full sim or smearing needed BUT ...
- Smearing fails again ... going to full. Simu. might have been feasible by the time being ...

What's next ?

- Reliable smearing not at reach ...
- Many solutions tested, drawbacks are understood (could be a chapter of the thesis)
- Thesis content not sufficient ?
- Postpone thesis defense ?
- Top quark study at 3TeV of interest for CLIC CDR (spend summer on this ?)