Jet corrections meeting

http://www-cdf.lbl.gov/∼currat/talks/

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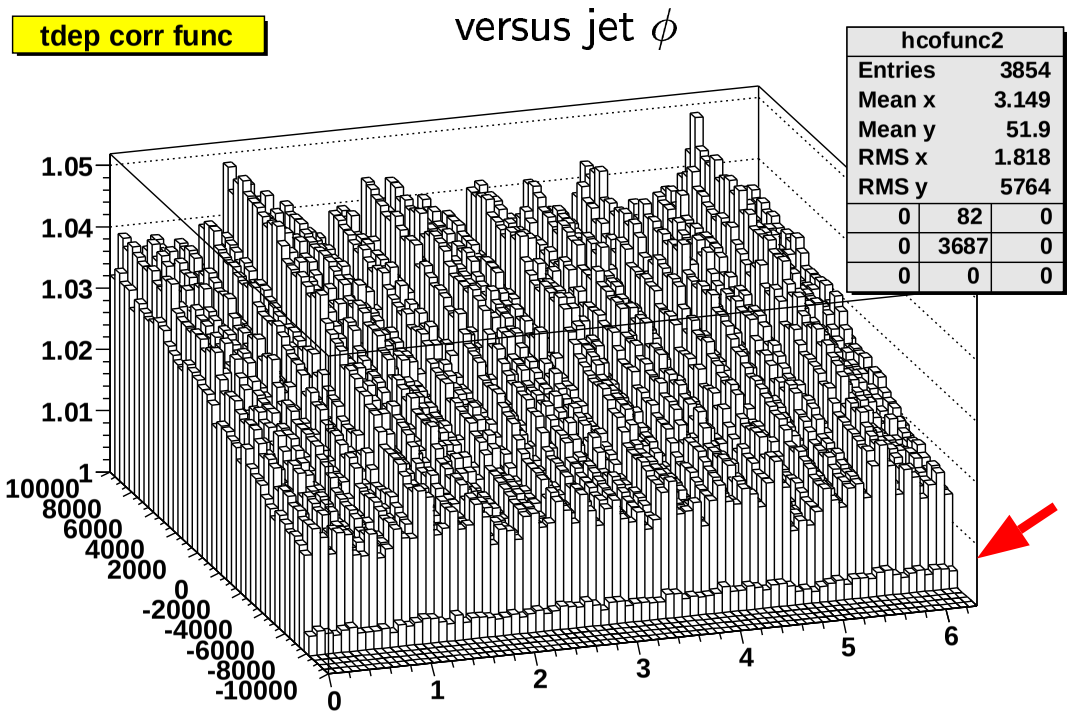
- Correction for time dependence: update

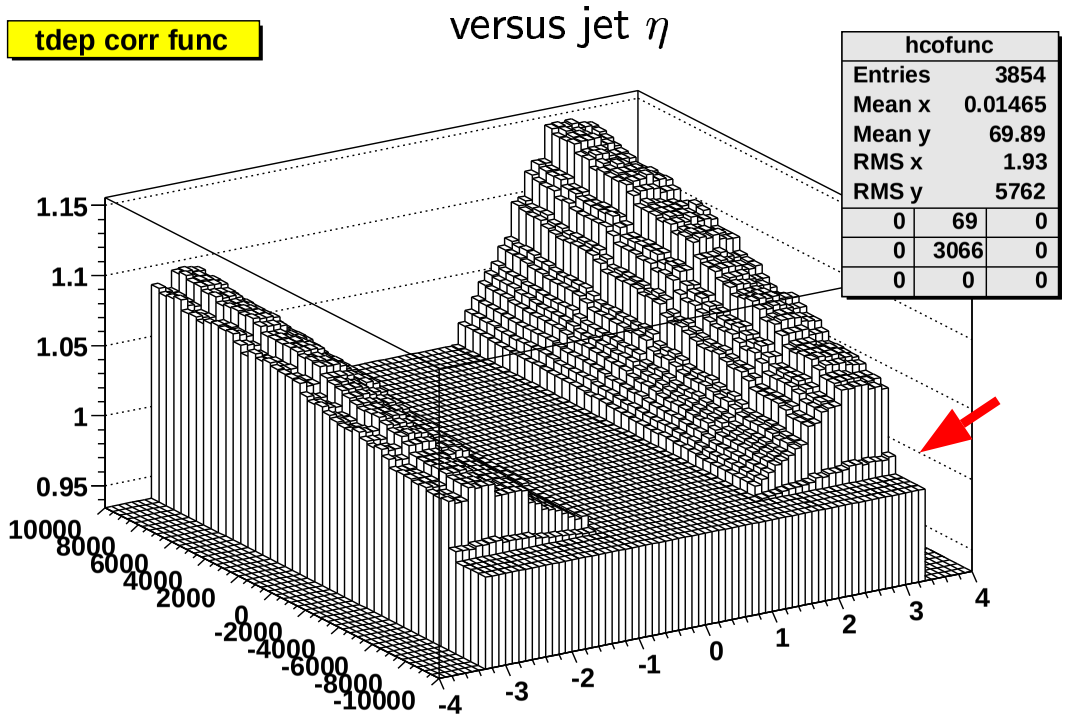
Correction function

Validation is still going on:

- Current prescription: Beate's code based on Howard's tower-by-tower laser data ... yet another bug fix
- East/West and PHA/PEM flags were inverted when reading laser data files ... (thanks to Willis and Howard for the double check)

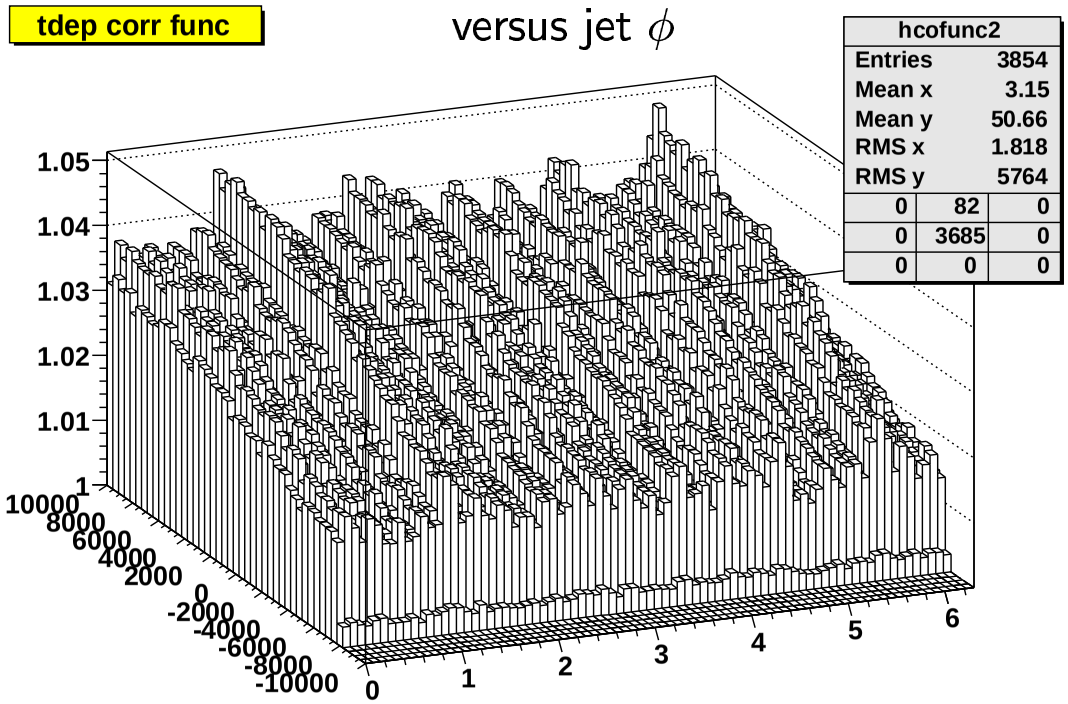
Last week

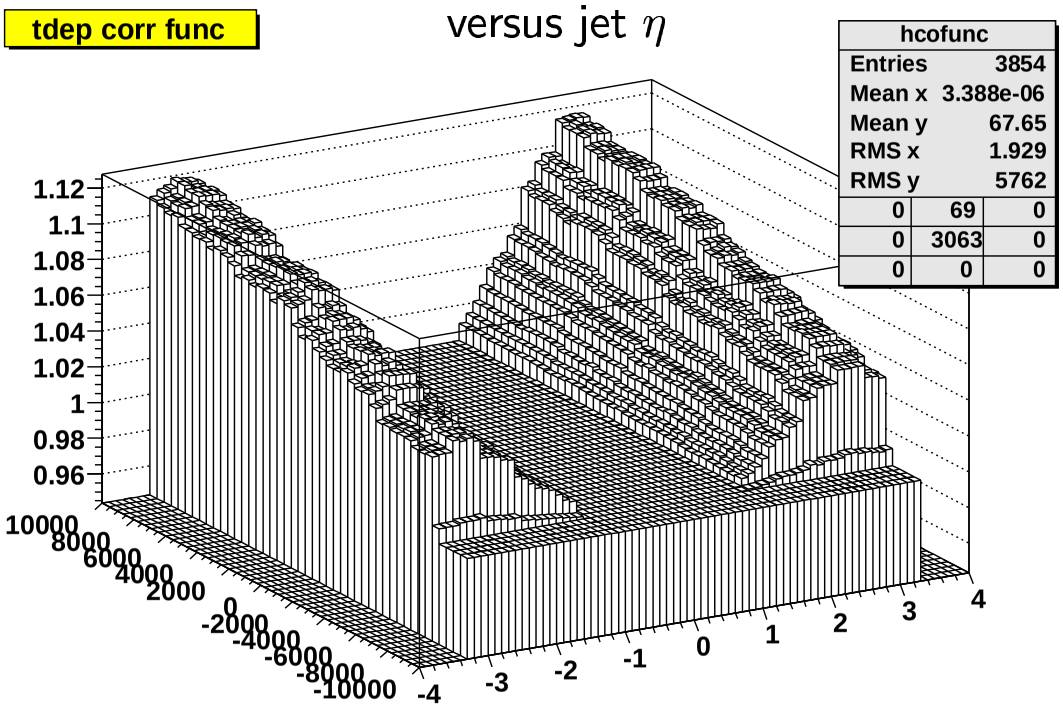




☞ Discontinuity at the beginning: runs covered by first file (134898–139524) ➪ discarded (cf Slide 8)

Now

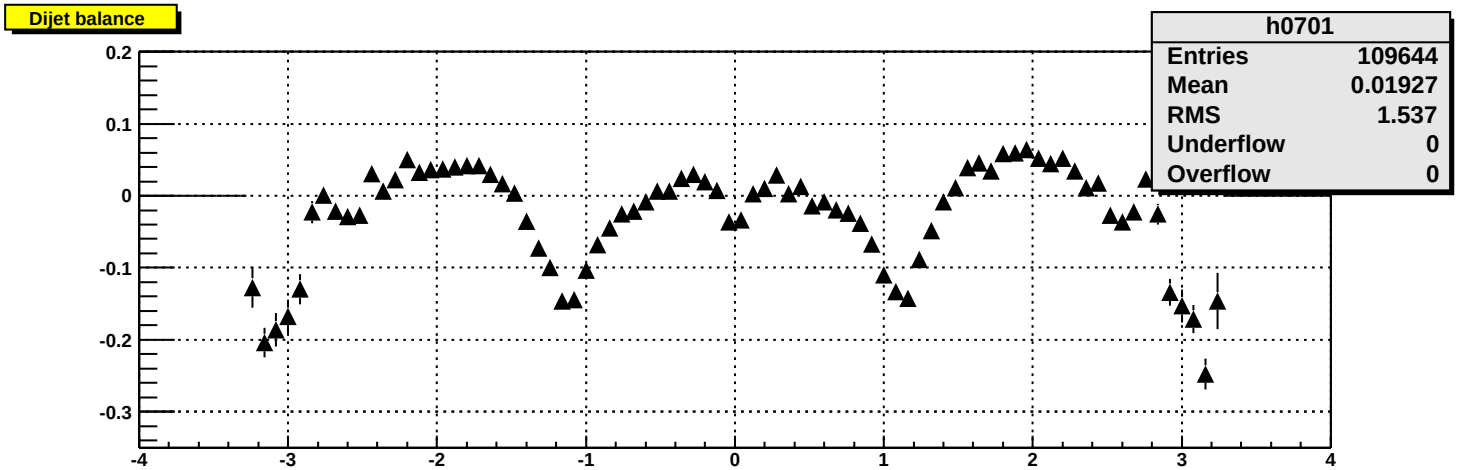


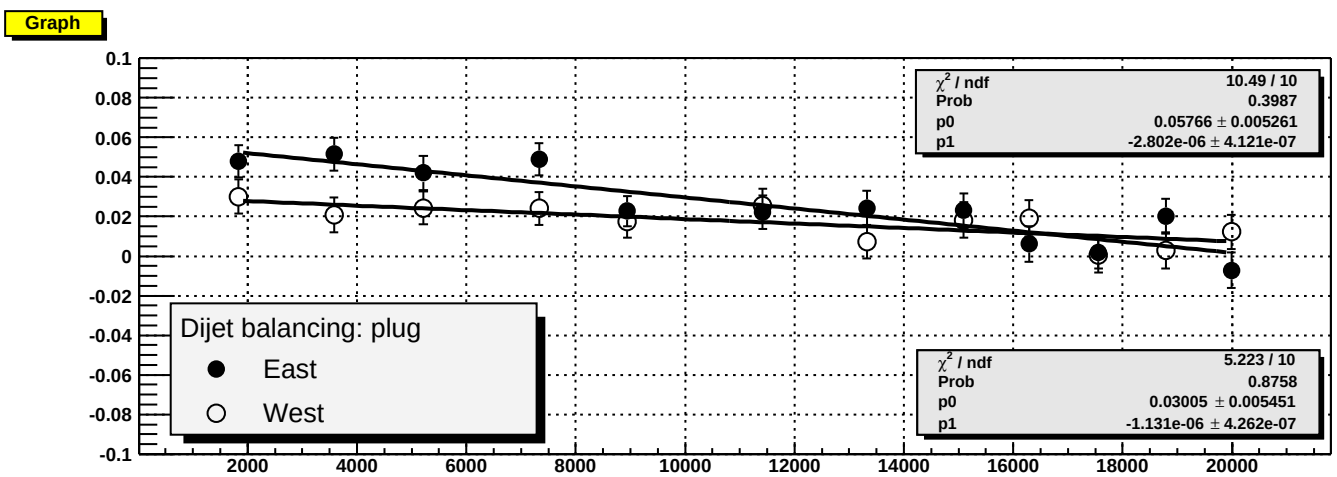


☞ Same kind of amplitude O(10%)

Dijet balance — uncorrected

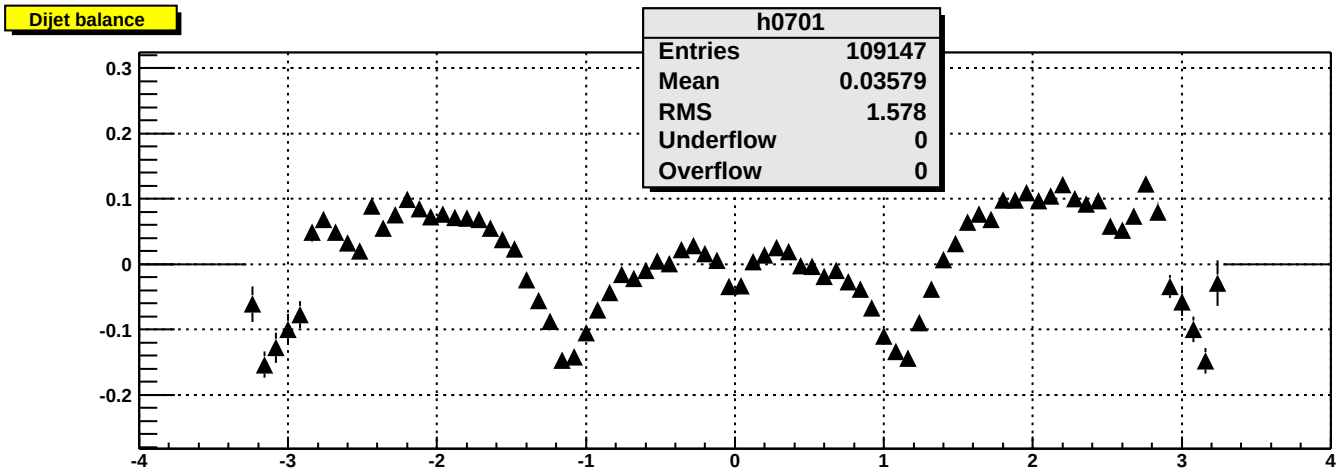
Reminder. Already shown a couple of times.

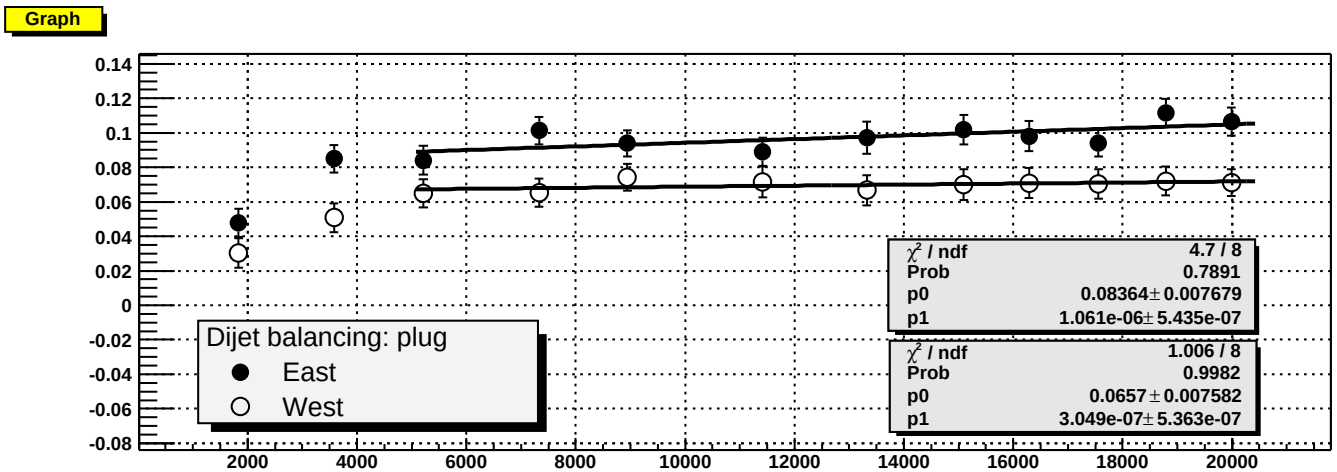




☞ Significant slopes

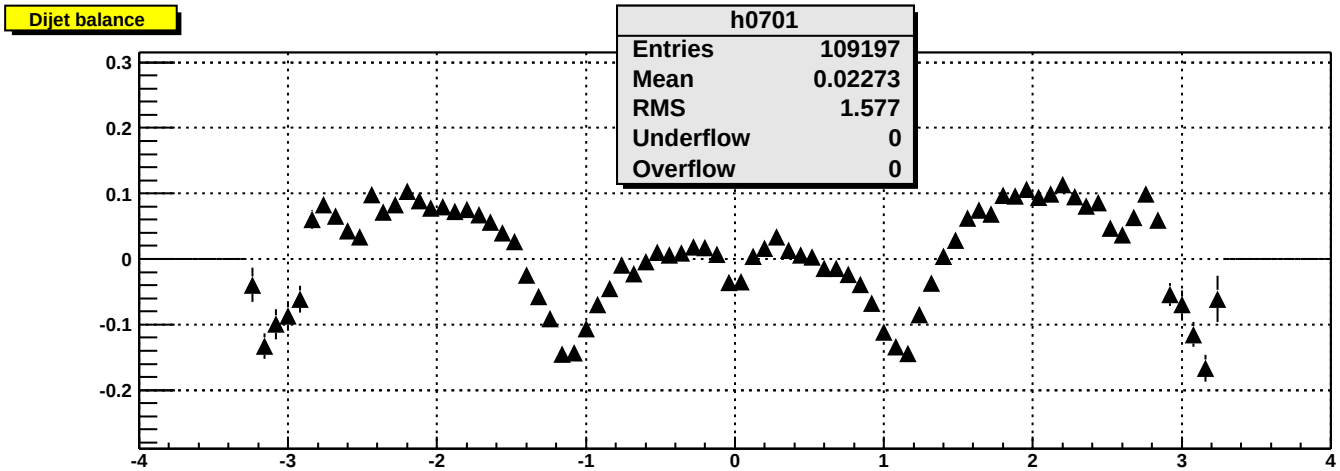
Dijet balance — last week

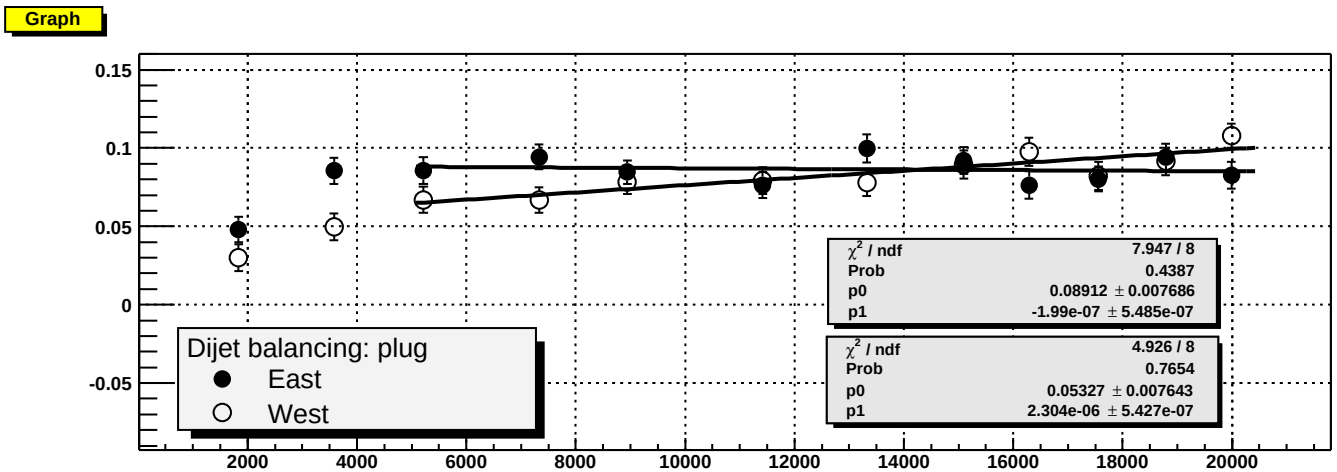




☞ Time dependence pretty much flattened out

Dijet balance — now





☞ Slightly under corrected? Slopes cross now.

Ongoing

- Production of `STntuples` for MC dijet sample ... presently running, still 1 day to go
- MC/data updated comparison — v. 4.9.1 based — when applying Beate's correction ... coming next
- Interpolate correction factors between 2 laser runs. Extrapolate the jet E_T correction function to the range 139524 (Feb 25th) – 134898 (Feb 4th) ... conservative effort ~ 3 pb^{-1} involved