

Charles – Two years with the CDF group at LBNL (8/2001-8/2003)

Thank you for your wonderful contribution!



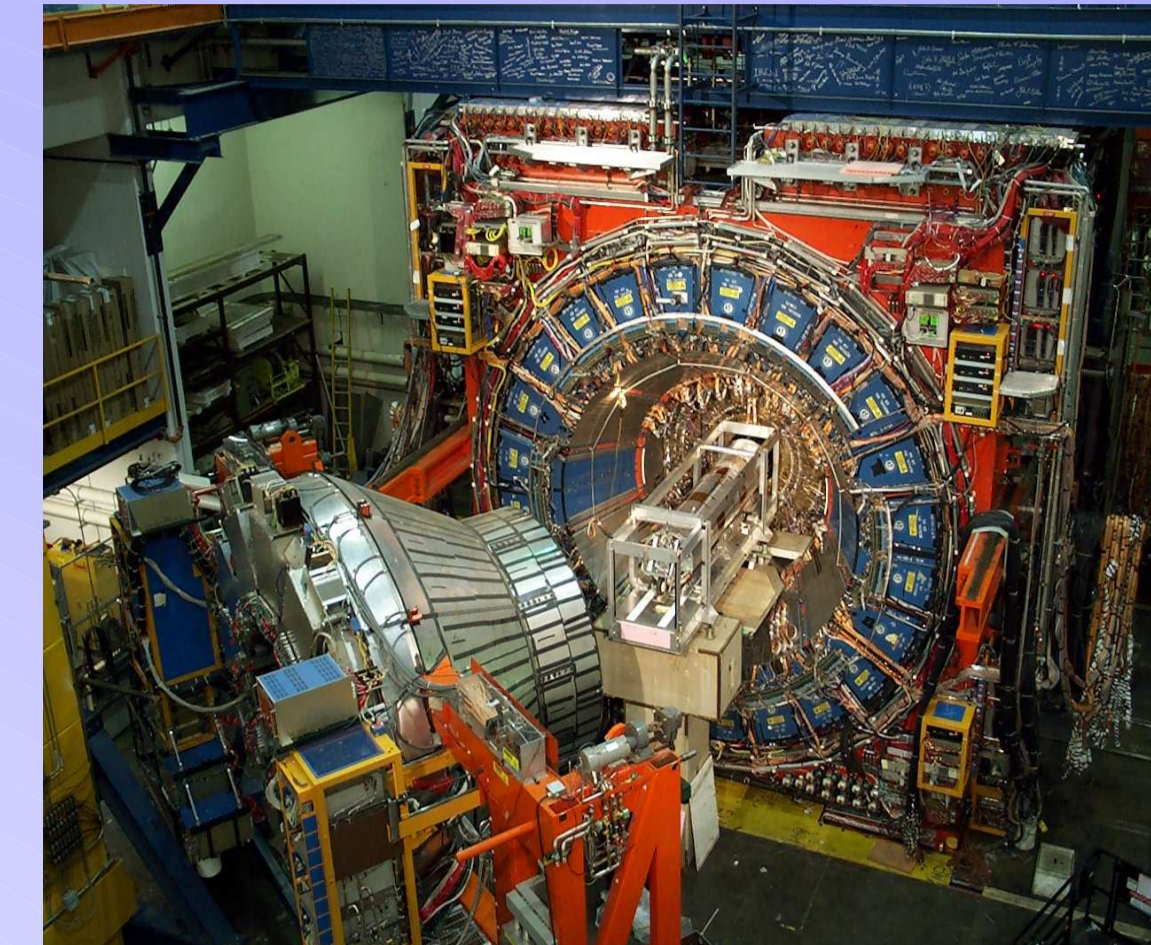
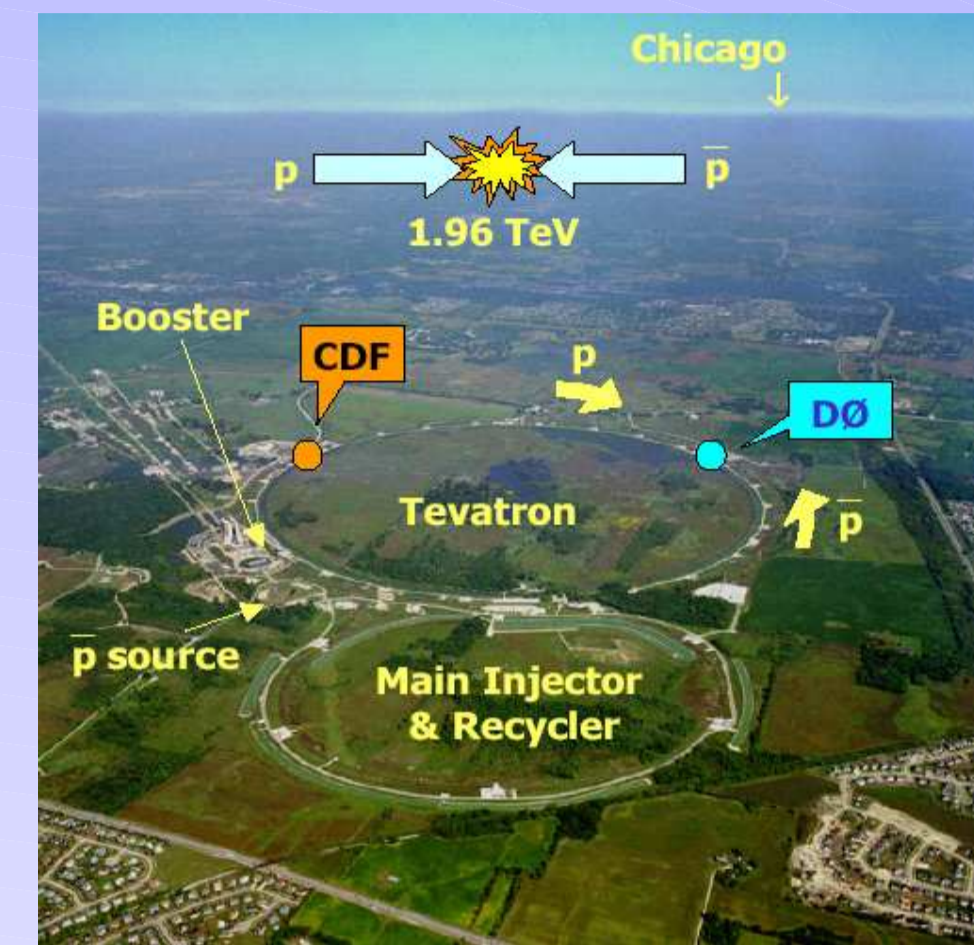
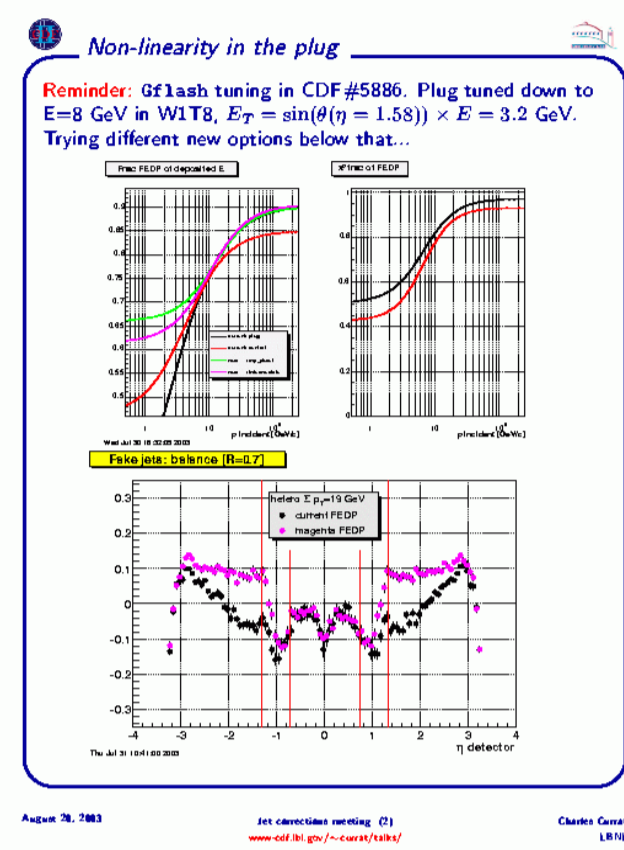
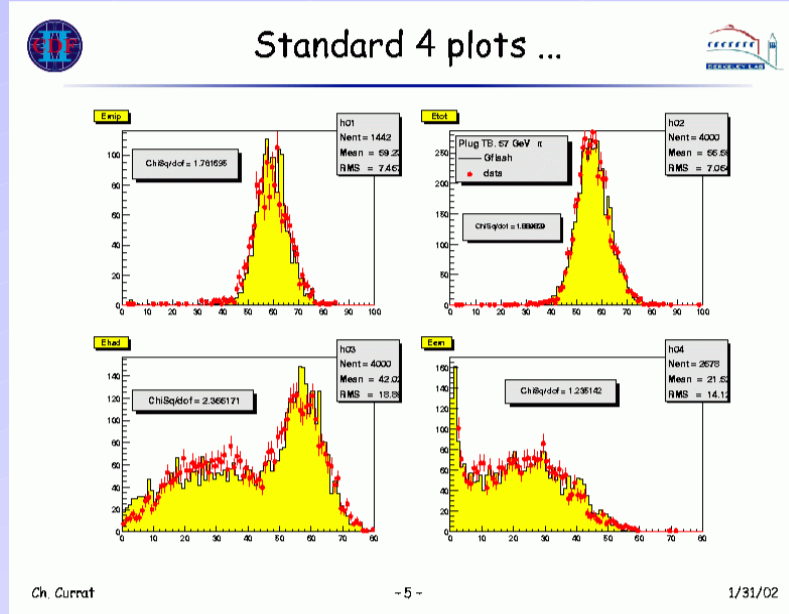
Reducing systematics on our top mass measurement since 2001!

CDF Plug Calorimeter tuning

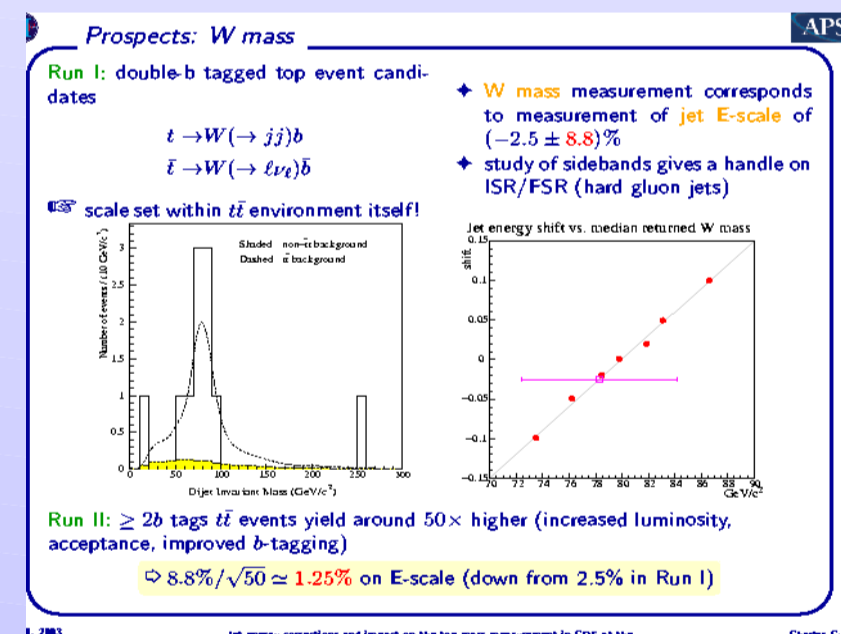
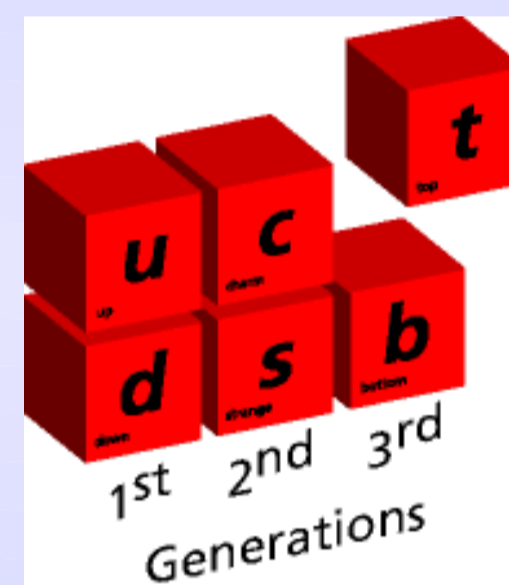
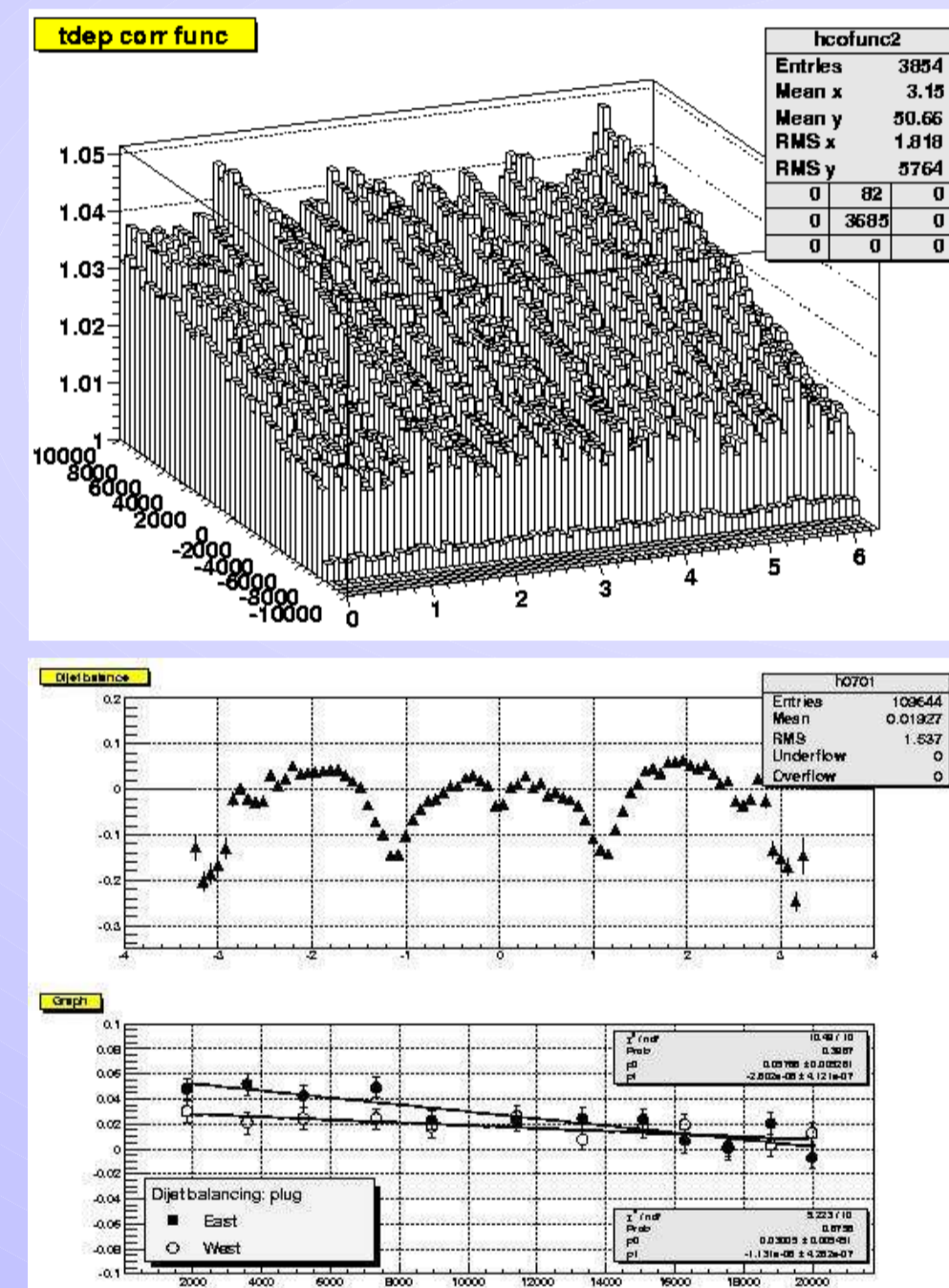
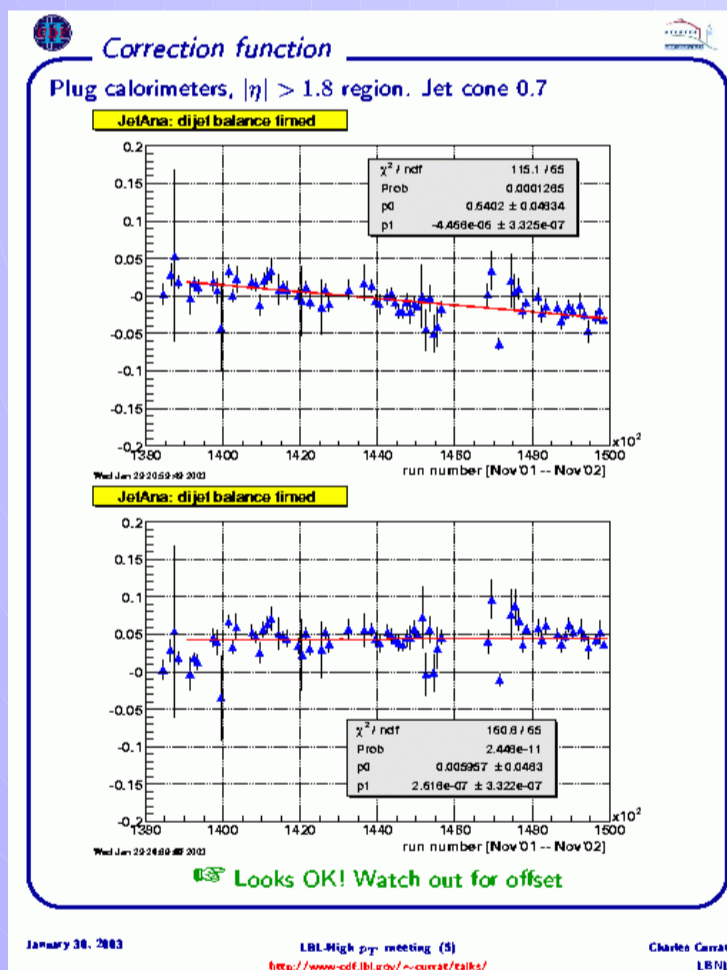
Performance of CDF Calorimeter Simulation for Tevatron Run II

Charles Currat - LBNL on behalf of the CDF collaboration

- CDF II upgrade
- The Gflash package: principles & interfacing
- Tuning procedure on data & results
- Conclusions

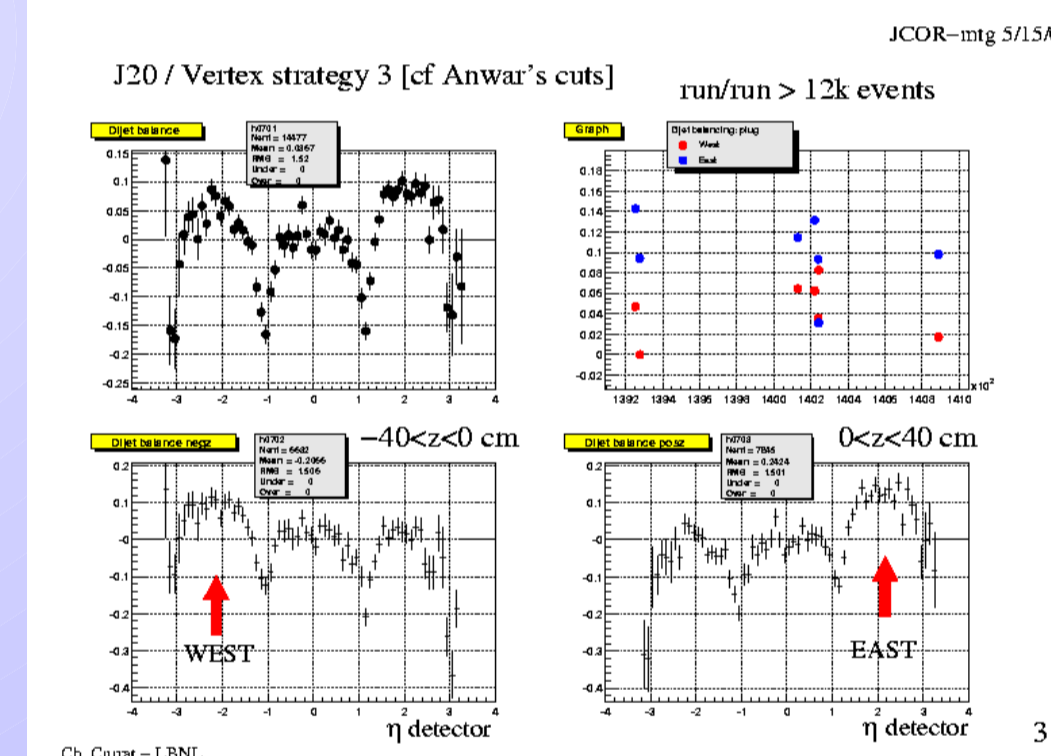


Correcting the plug response time dependence



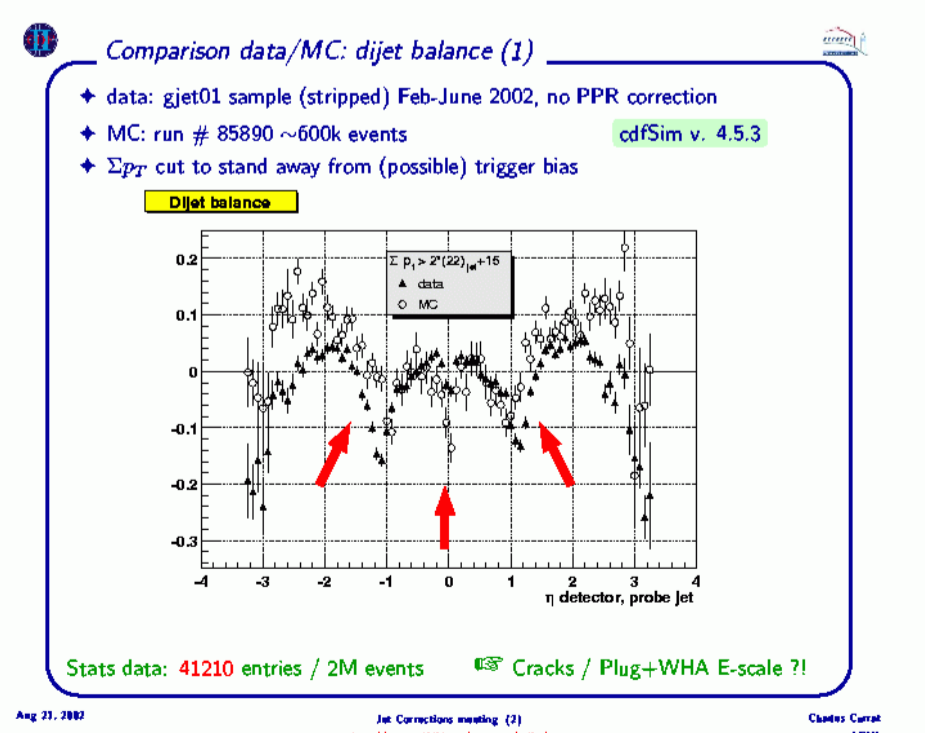
Another bug bites the dust!

- Bug found in calorimeter geometry; CalorGeometry/src/Locations.cc
- problem in the determination of the (y,z) coordinates of the shower max at tower level. All towers in both xEM and xHAD compartments are concerned ...
- Potentially affects any study dealing with PhysicsTowers
- NB: Tuning studies not affected (CalTower) !!
- On the way to be fixed ... double-checking with Beate

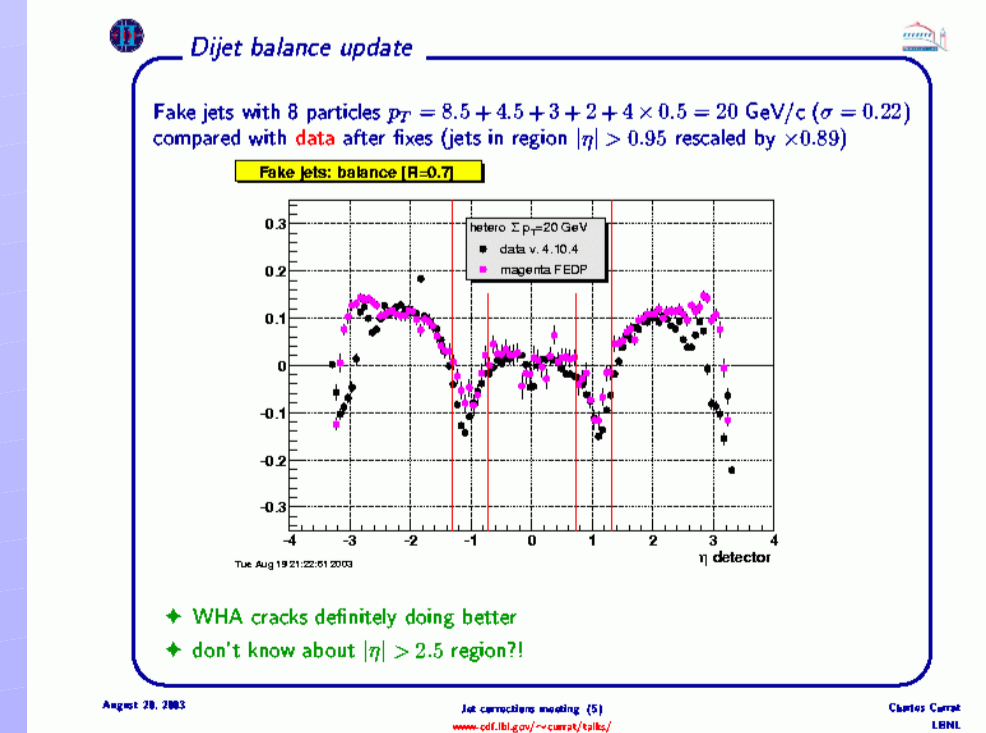


Data-Monte Carlo agreement

Before (21 Aug 2002)



After (20 Aug 2003)



Data/MC comparison - WHA issue

