GDS Group Generator Project Review

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17 Apr 2007

Generator "deliverables"

Pythia

v_6_4_11

CEDAR/HepForge

Patriot datasets

Generator "services"

Run2 physics program

how to run generators

best parameters or usage

focus on immediate problems

theory consultations

Research

Generator development

Tool validation and tuning

Organization

contact between CDF & D0

contact between Run2 & LHC

contact between Theory & Expt
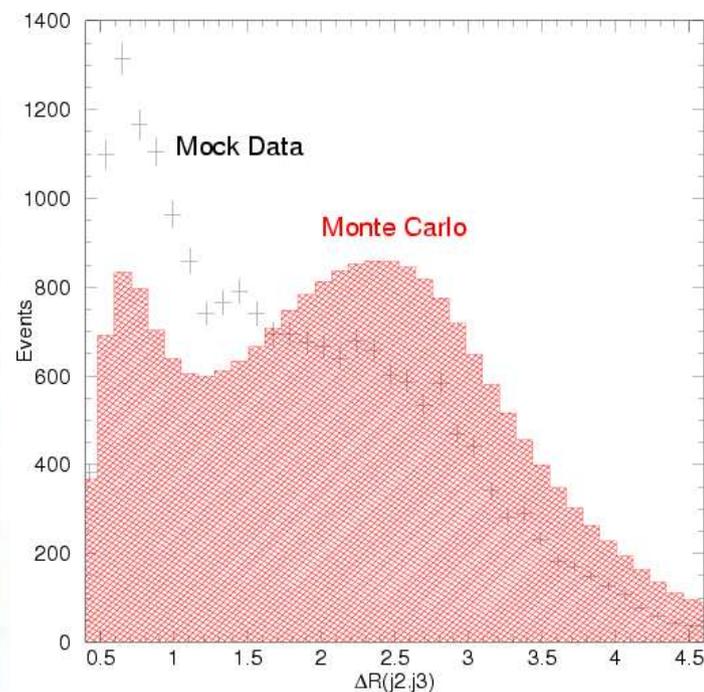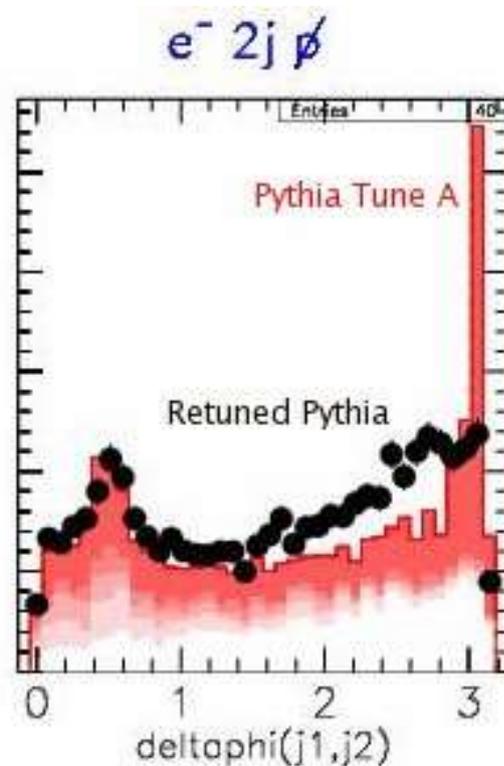
Taking advantage of existing resources to facilitate code management.

Automatic comparison of many distributions:

"almost" blessed by CDF
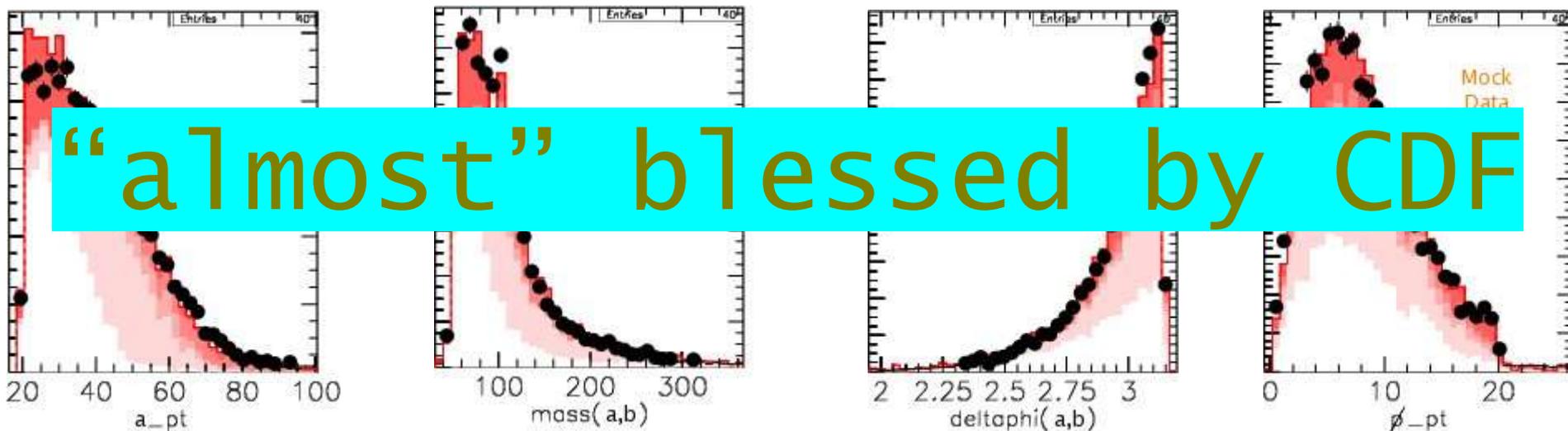
Monte Carlo issues
we identified and
addressed first.

How does this
fit into early
CMS Monte Carlo
validation?

Transition to CMS

Discussing role in CMS generators group

  generator "choices" for initial Monte Carlo generation

  mixing the cocktail of Standard Model processes

  testing consistency of different data samples

  plan for tuning and responding to discrepancies

Organizing June visit of generator convenors

  highlight resources available in US and FNAL

I have made several LPC presentations

  Dan Green has encouraged me to formalize my position

Staying with Run2

Increased datasets mean generators are being tested!

      new generator development

      different mixes of the Standard Model cocktail

      testing consistency of different data samples

      actualization of tuning and response to discrepancies

Helping organize CDF "Method2" Workshop

Request to join/advise D0 "W/Z+Jets Task Force"

Aim is to coordinate CDF/D0 efforts for a Fall workshop

Search for a suitable CD-post-doc candidate

Generator projects with outside people

Strengthening FNAL theory contact