

Data and MC samples

- Data sample run selection:
 - Same as what's used for producing B tagging jet samples
 - Dataset gjet03
 - Young-Kee's list of good COT runs + require that the following detector elements be present:

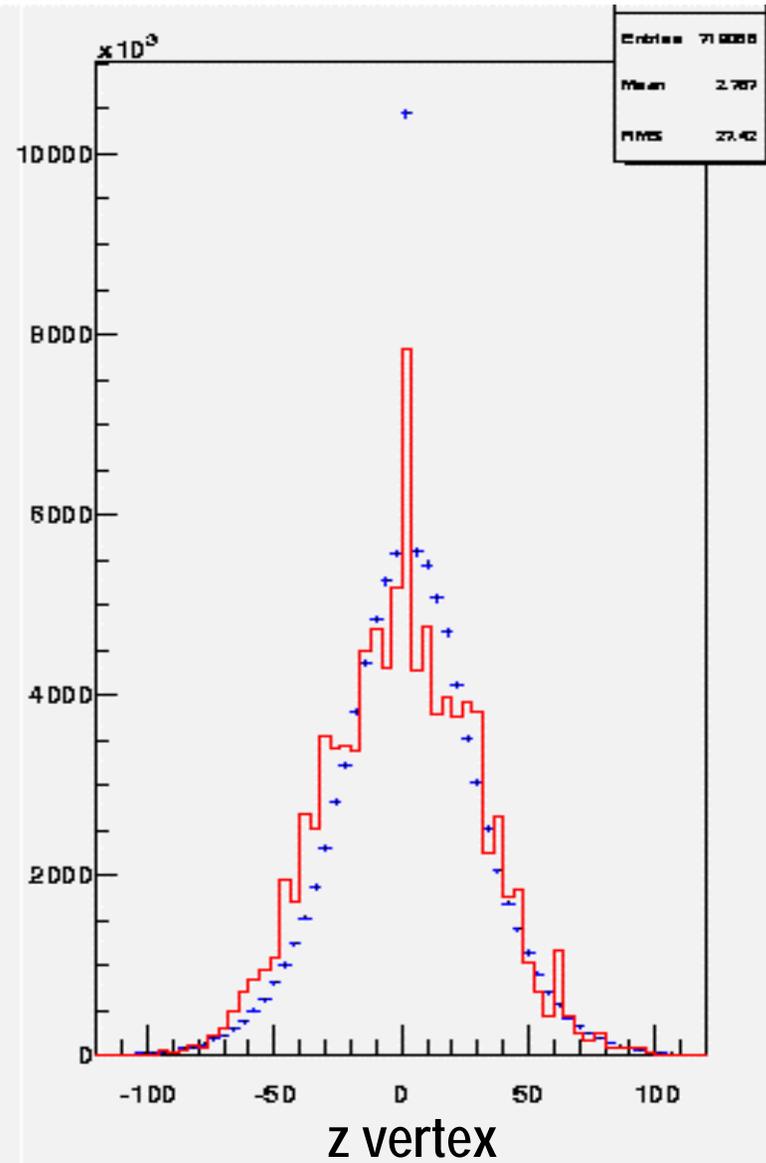
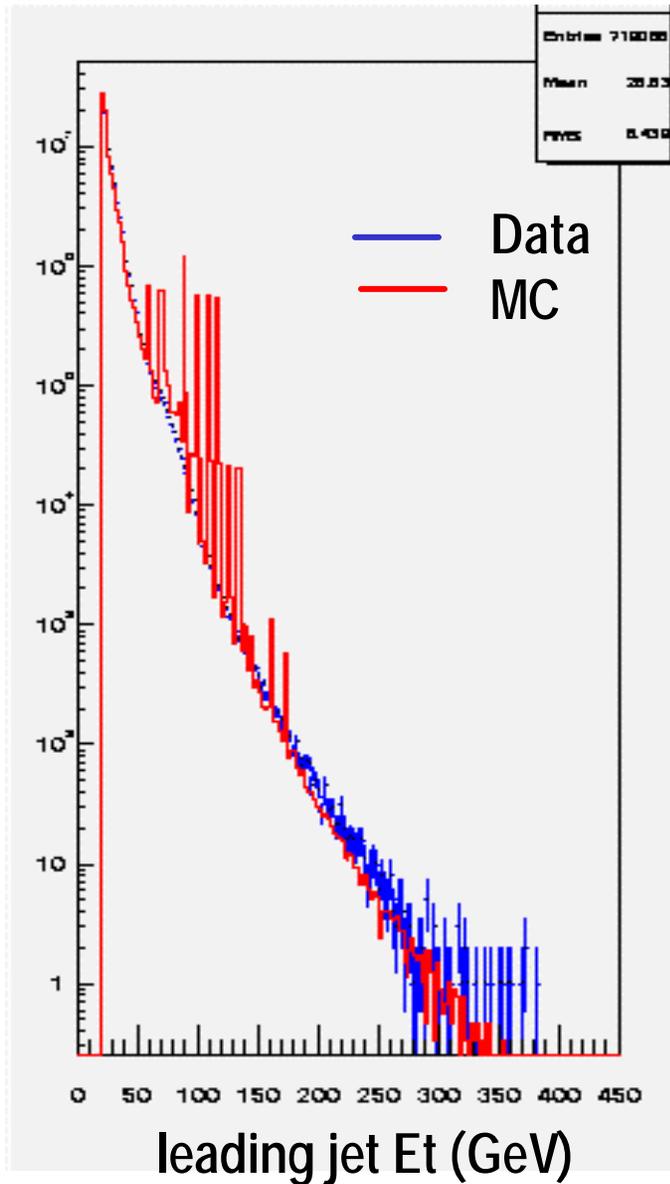
SVX, COT, CAL (inc. strip chambers and CPR), CLC, CMU, CMP, CMX

- Total L = 8719.3 nb⁻¹
- Monte Carlo di-jet samples with 5 different thresholds (runs 85893-85897)
 - Frank's prescription for combining the samples

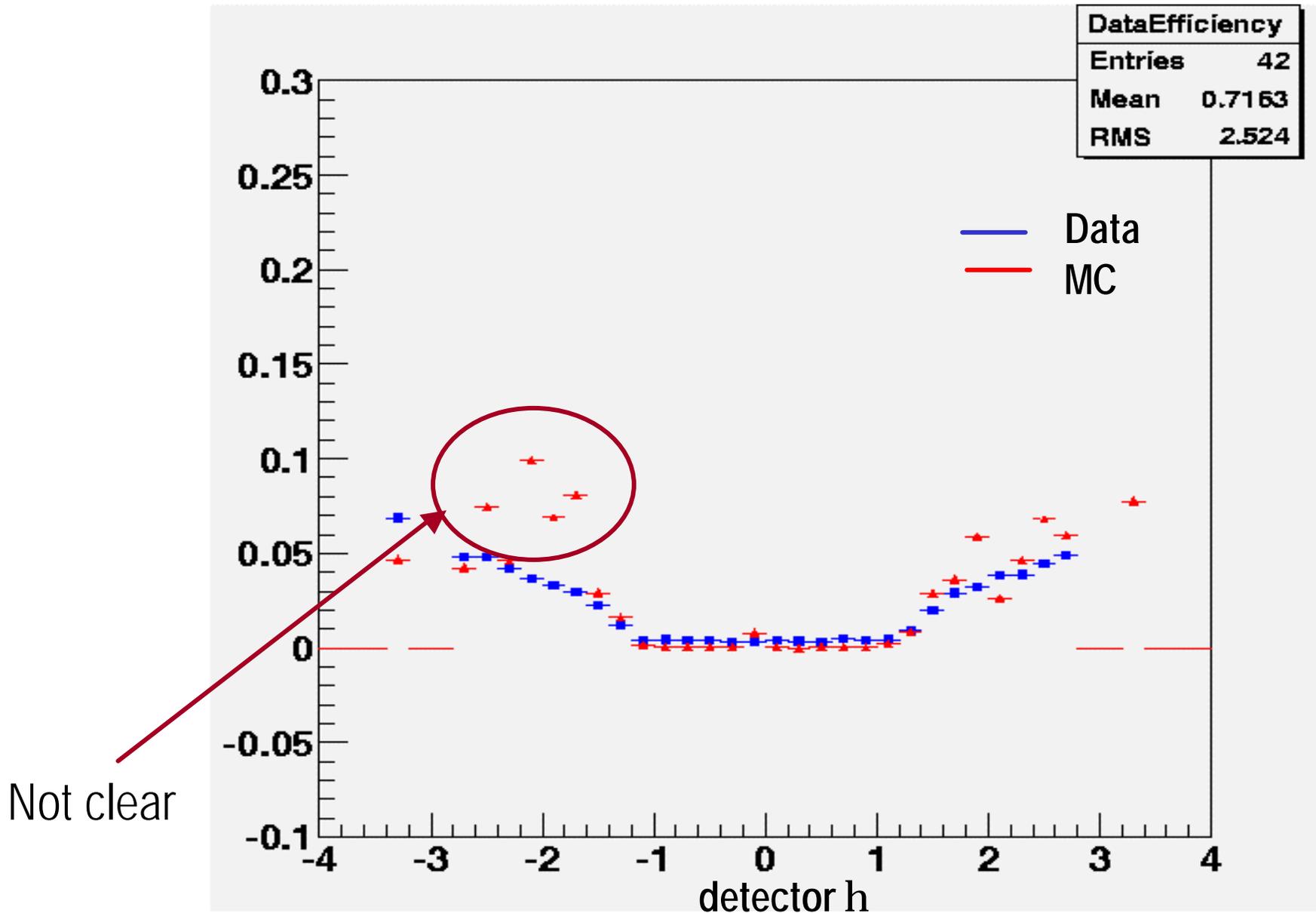
Event Selection

- Release 4.6.1
- Using vertex strategy 1
 - (ZVertexColl, the new z primary vertex collection from Beate)
- Require that:
 - MET significance < 6
 - Leading jet total energy < 2000 GeV and $E_t > 20$ GeV
 - At least 2 jets

Data/MC comparison



Fraction of events without z



Update on B tagging

- Re-ran production with 4.6.2 on a subset of the skimmed jet samples in the area <fcdfsgi2:/cdf/data42b/s1/top/>
- Everyone interested is encouraged to try validating these files.
- The reprocessed files are:
 - jet20_gjet03_145045_reprocessed.dat
 - jet20_gjet03_145045_reprocessed.dat_1
 - jet50_gjet03_145044_reprocessed.dat
 - jet50_gjet03_145045_reprocessed.dat
 - jet70_gjet03_145045_reprocessed.dat
 - jet70_gjet03_145532_reprocessed.dat