

MET/D0correct Certification Status

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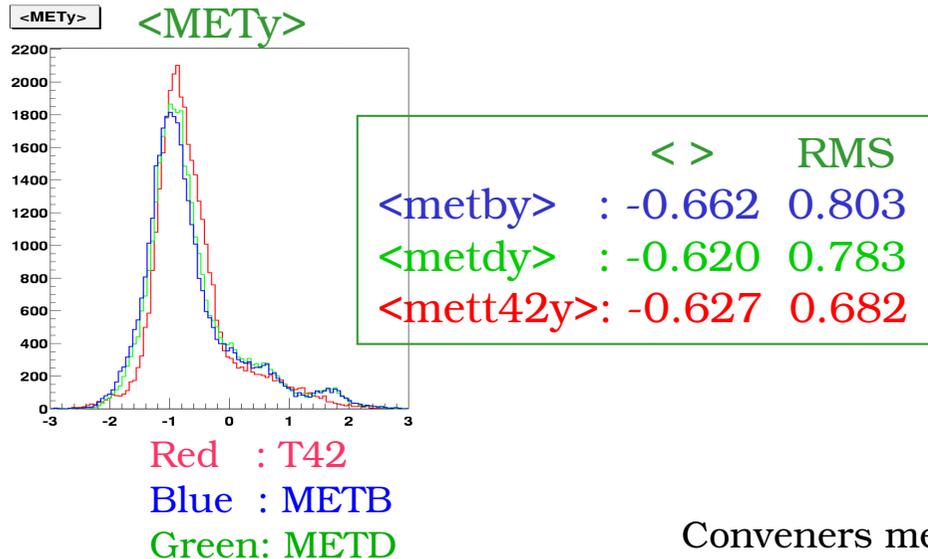
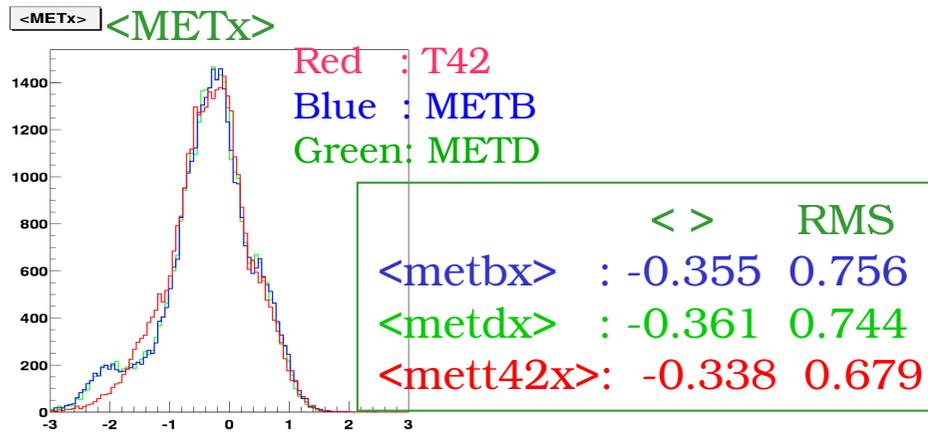
MET and d0correct

- Currently in the new missingET package, MET is corrected for em scale, jet energy scale and muons (and unclustered energy in the future).
 - These corrections are given by corresponding Id packages \Rightarrow Id criteria are given by Id groups
 - Corrected MET is returned by :
 - getMETACorrCALO() and getMETBCorrCALO() \rightarrow em and JES
 - getMETACorrCALOMU() and getMETBCorrCALOMU() \rightarrow em, JES, muons
 - Still to be done :
 - Studies of corrected MET
 - Write a documentation
 - Implement last corrections and think about unclustered energy
 - Interact with analyze package coordinators to implement our change
- in their code: `tmb_tree` \rightarrow Eric Thomas (done); `wz_analyze` \rightarrow Frederic Deliot(done);
`top_analyze` \rightarrow Emmanuel Busato/Slava Kulik(tbd); `Athena` \rightarrow Suyong Choi(tbd);

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Processed all the data available in SAM at cc-IN2P3 in p14.03.01 and p14.03.02 :

Run 178310 to 180956 : 292 runs



Luminosity block selection

- We propose to have a selection at the luminosity block level instead of a run selection \Rightarrow allow to save statistics for analysis
- The tools are ready and have been tested by comparing our results with Gregorio's selection
- The selection is made at cc-IN2P3 on TMB files and can be made very quickly \Rightarrow off-line monitoring of data day by day that can be a cross-check with on-line monitoring