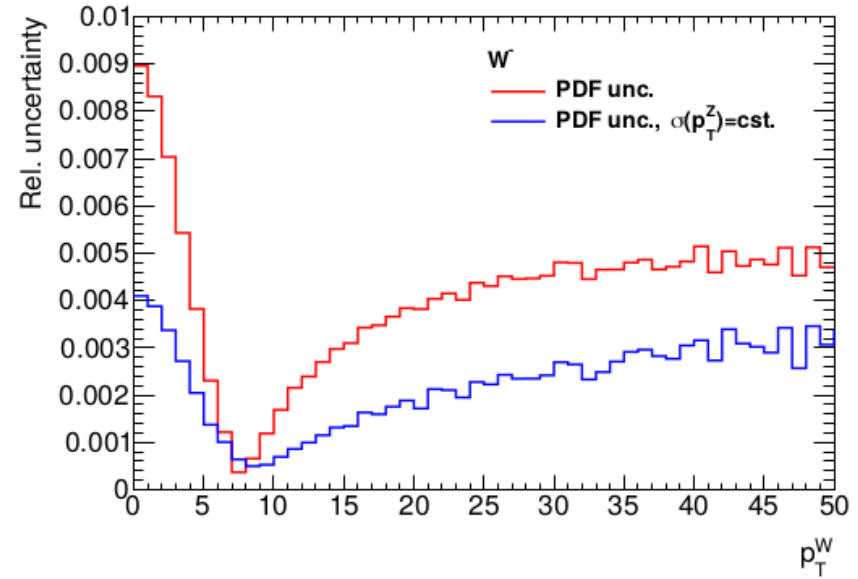
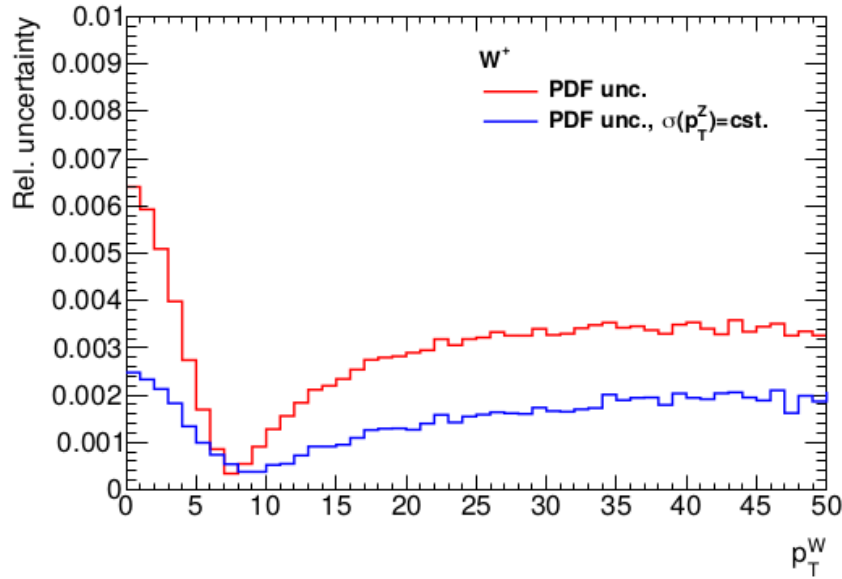


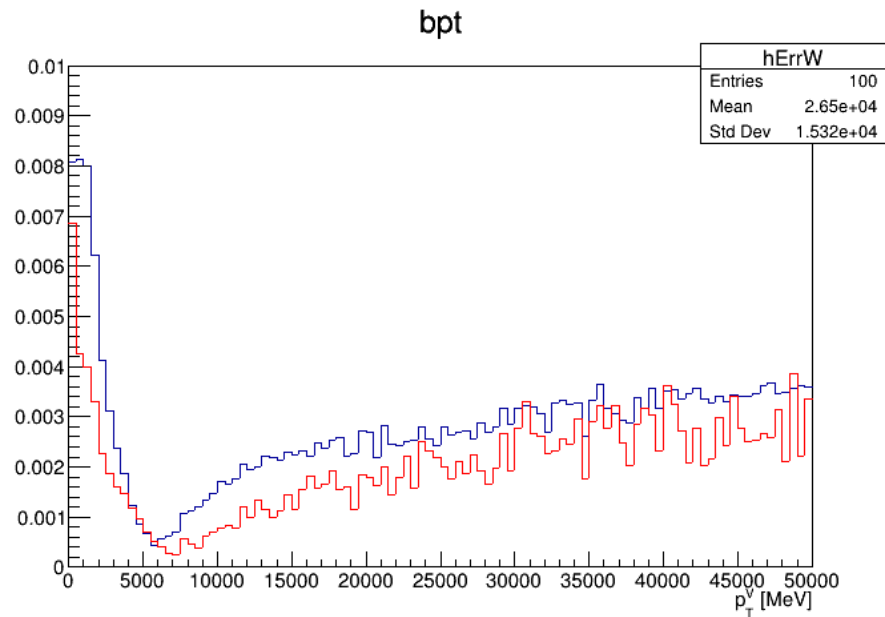
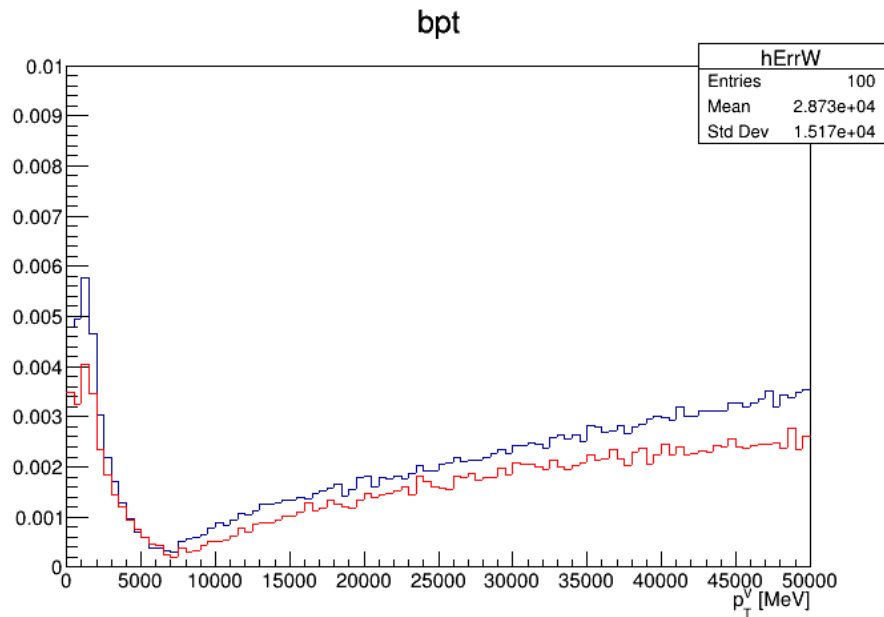
Combination TODO

- Validation of Jan's Powheg samples for PDF uncertainties
 - Reproduce Tevatron PDF uncertainties
 - CDF OK – repeat with latest samples; D0 to do
 - Reproduce ATLAS PDF uncertainty on pTW, with & w/o pTZ constraint; yZ; angular coeffs
- Validation of Tevatron emulation
 - Smearings : CDF OK; D0 ~ (one iteration based on param. Provided by Rafael)
 - Reproduce internal combinations (all info available in papers). Needed to derive PDF eigenset info, which is needed for combination with ATLAS.
 - Note : PDF unc. treated as a single number in official papers – full results may differ
- ATLAS recombination
 - Validate ATLAS emulation as above, replacing PDF uncertainties with new numbers
- Full combination; note

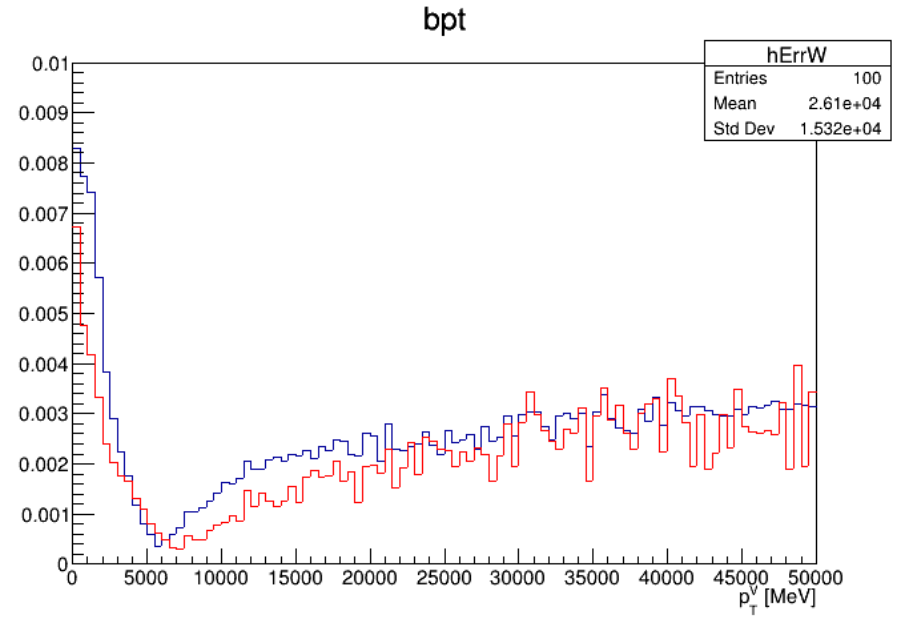
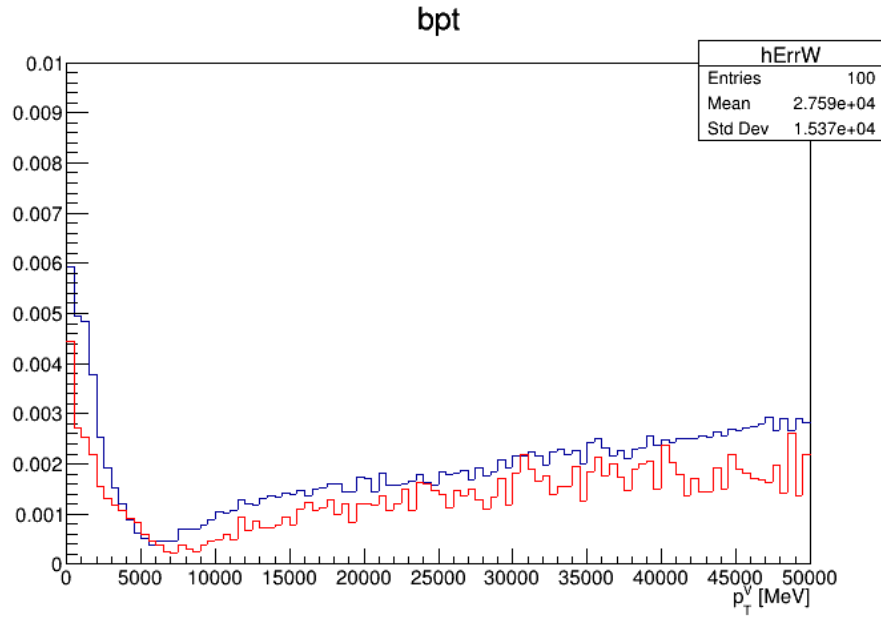
From old physics modelling note



CTEQ6.6, CT10

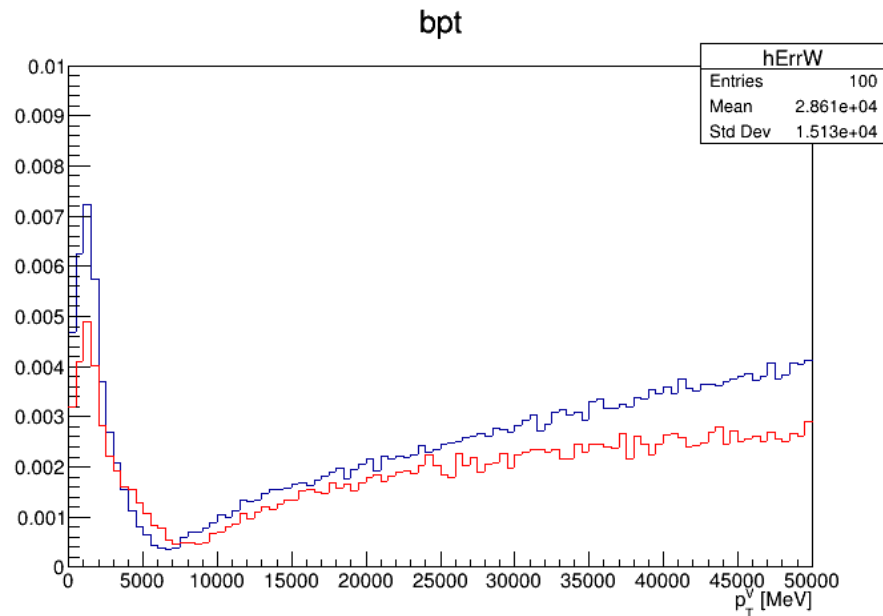
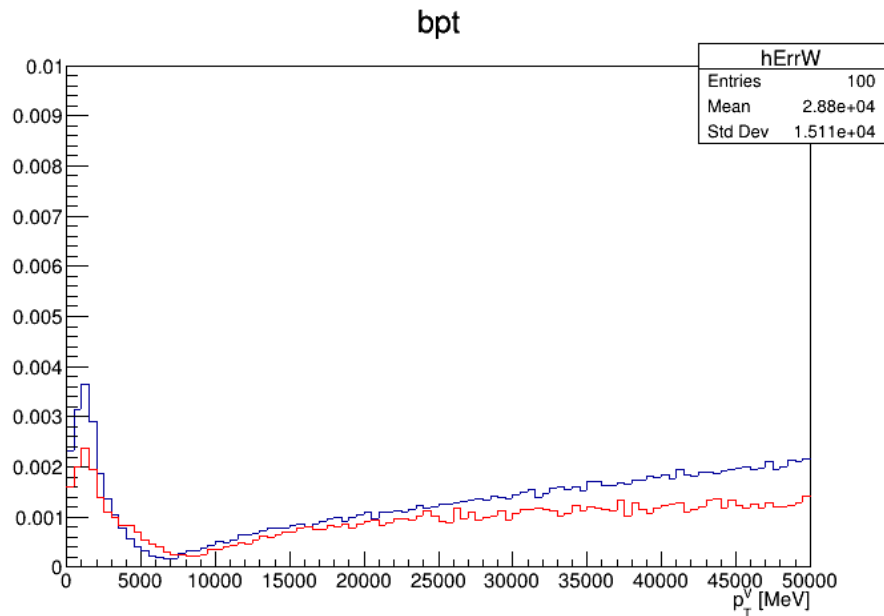


CT10nnlo, CT14



MSTW2008 68%CL, 90%CL

(en effet un facteur $\sim 2..$)



MMHT2014

