

MC Closure Test for BBJ vs BBB

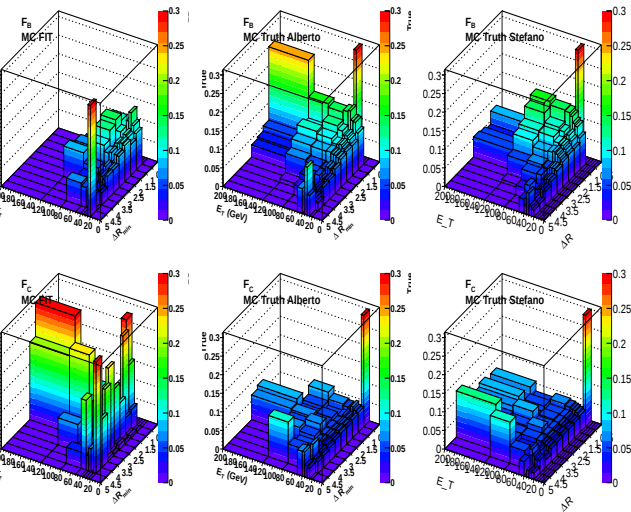
Stefano Lacaprara

INFN Padova

PD meeting,
PD, 27 January 2012



Flavour fract. Fit vs MC truth (Alberto) vs MC truth (Stefano)

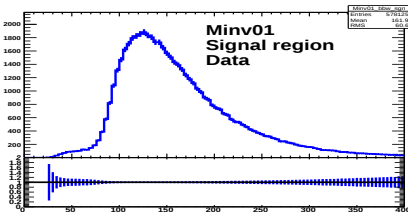
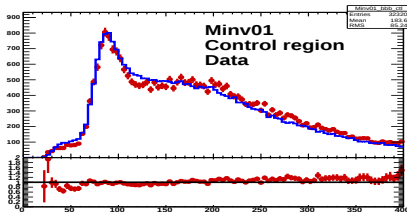
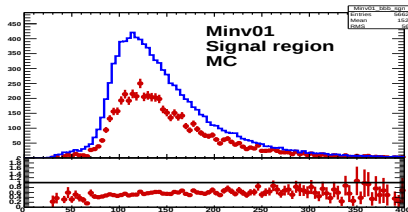
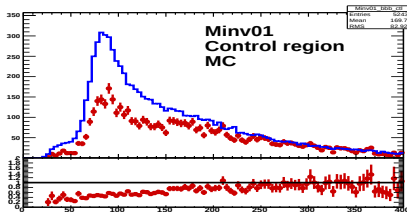


- Now just one truth!
 - problem with F_C from the fit: MC statistics?
 - What has changed?
- ▶ MC truth from PAT (genPart status 3 included)
 - ▶ before no b tag required in first two jets (yes for data)



Closure test with OLD FB from fit

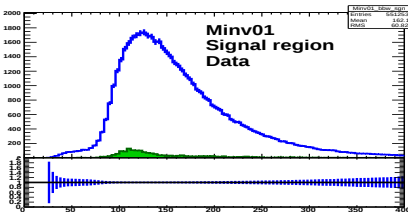
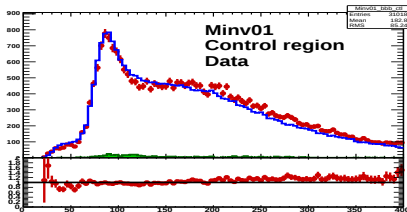
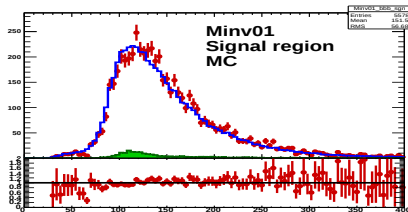
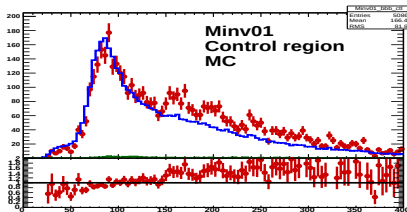
How it was: with old Fit





Closure test with NEW FB, FC from fit

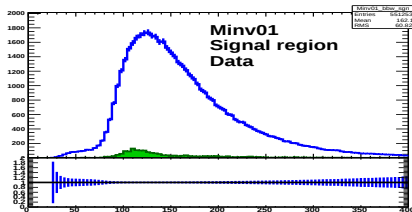
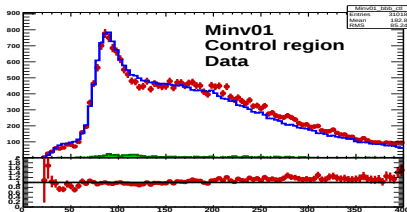
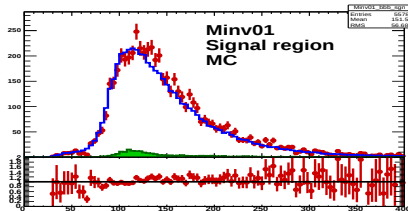
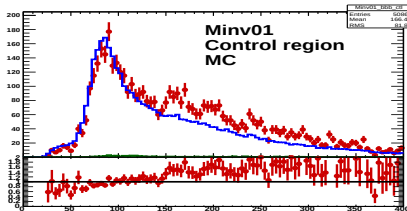
How it is with new Fit: FB, FC from Fit





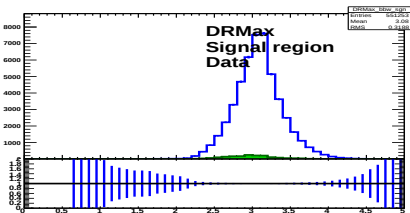
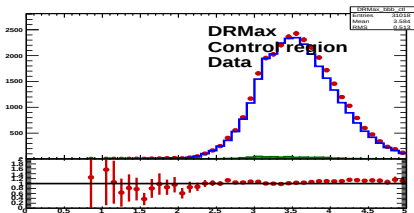
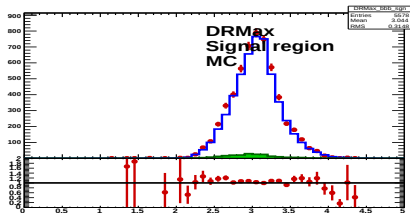
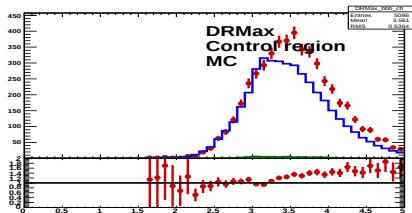
Closure test with NEW FB from fit, FC from MC

How it is with new Fit: FB from Fit, FC from MC





Closure test with NEW FB from fit, FC from MC





Closure test with NEW FB from fit, FC from MC

