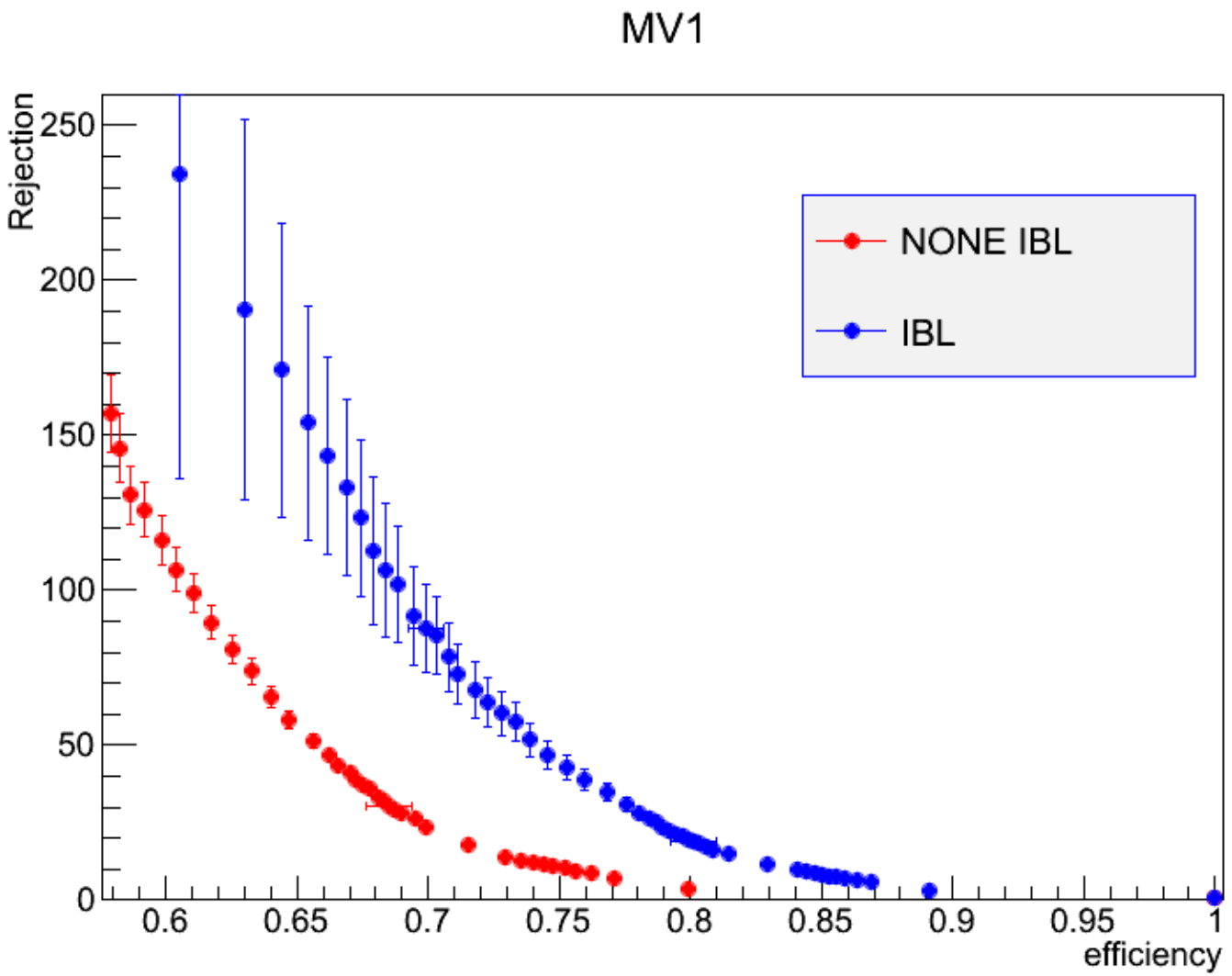
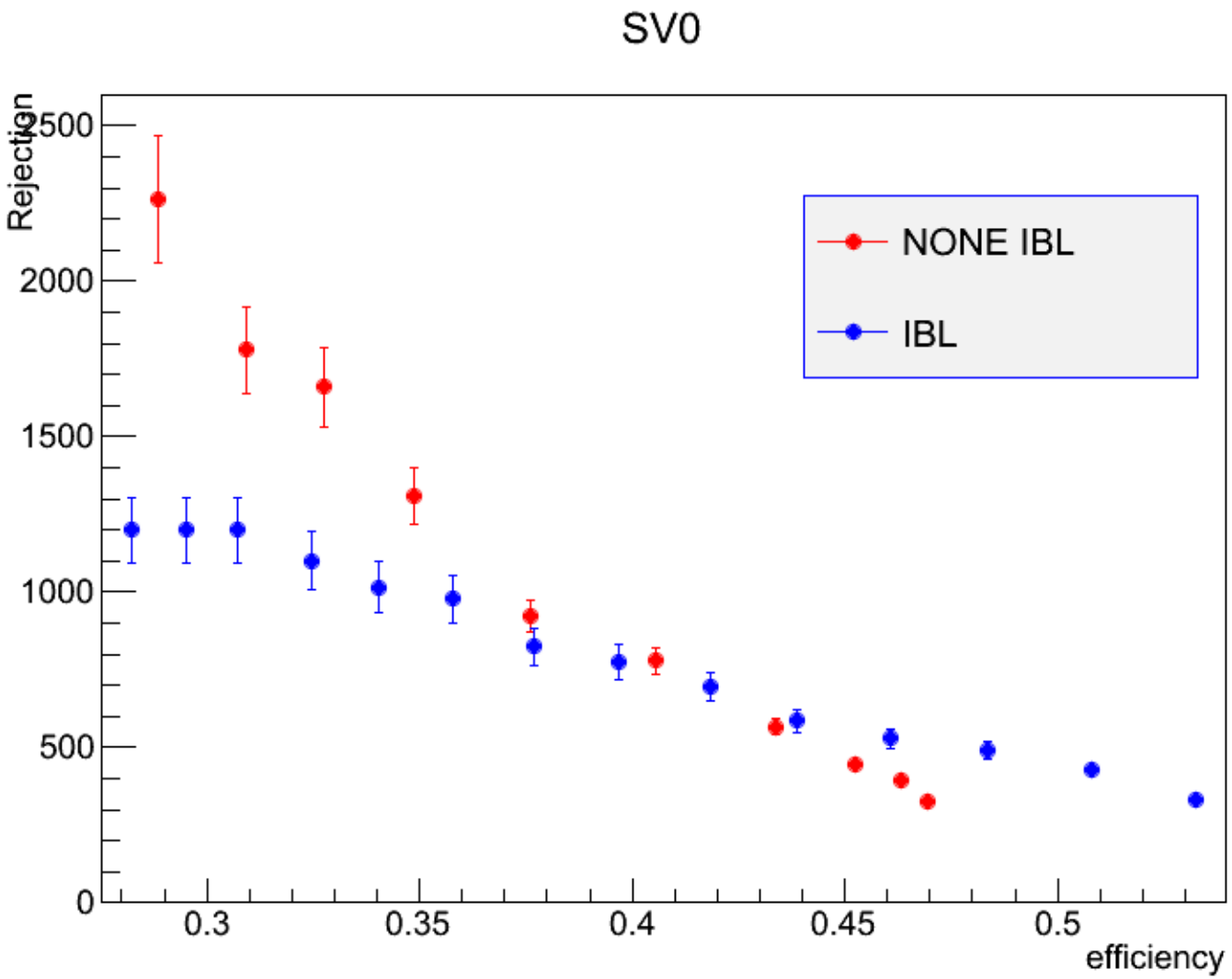
Work status

2014.3.17

Mv1 with errorbar

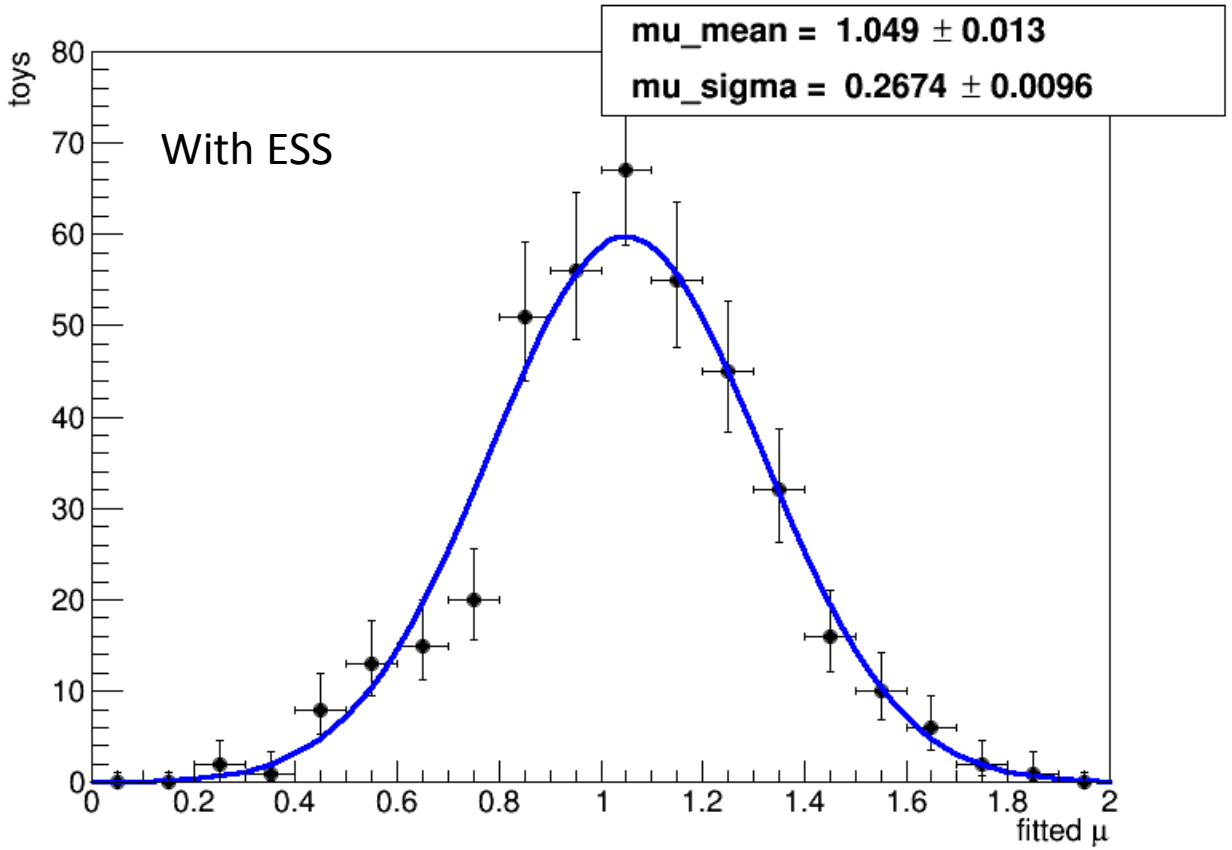


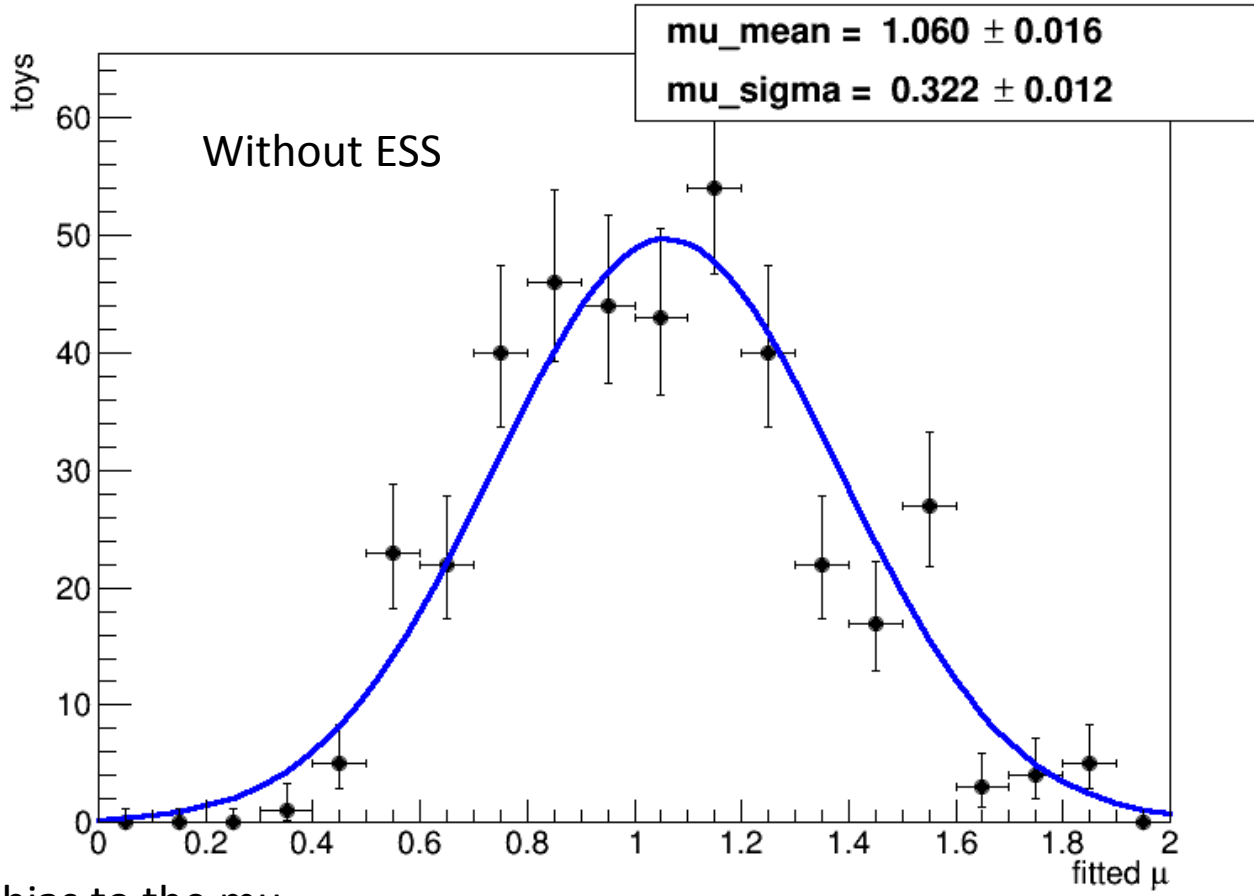
SV0



- The performance is not that good but more reliable

Cross check for vbf analysis : fitted mu bias from ESS





Check if the ESS will introduce large bias to the mu measurement due to the align of the peaks between categories

Migration to xAOD

Current status

- Current code does everything: booking, selecting events, counting events, retrieving parameters and filling histograms, then post processing to extract other histograms

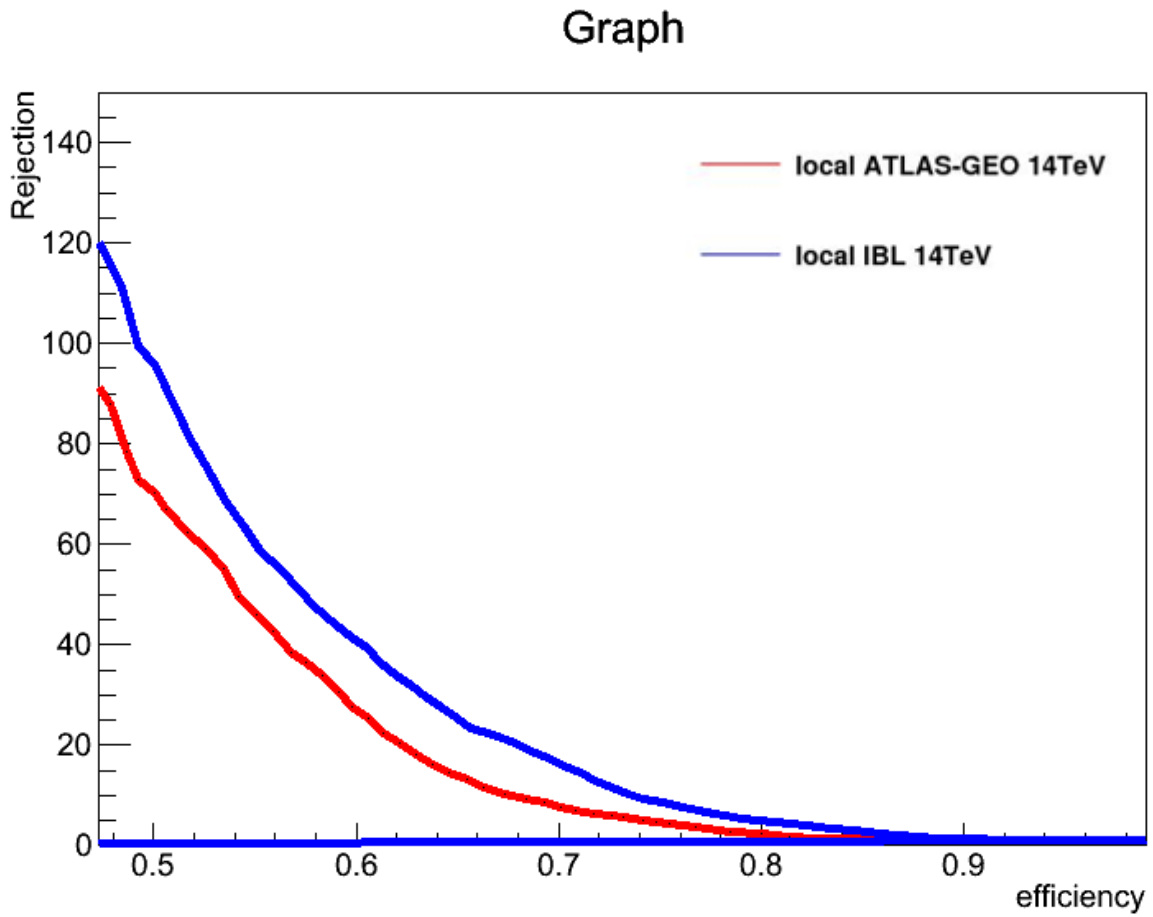
- Structure is fairly clear, but the class clearly breaks the 'one class, one responsibility' principle

- Unwieldy: a monster code of 4800 lines of code (too big to view on SVN)

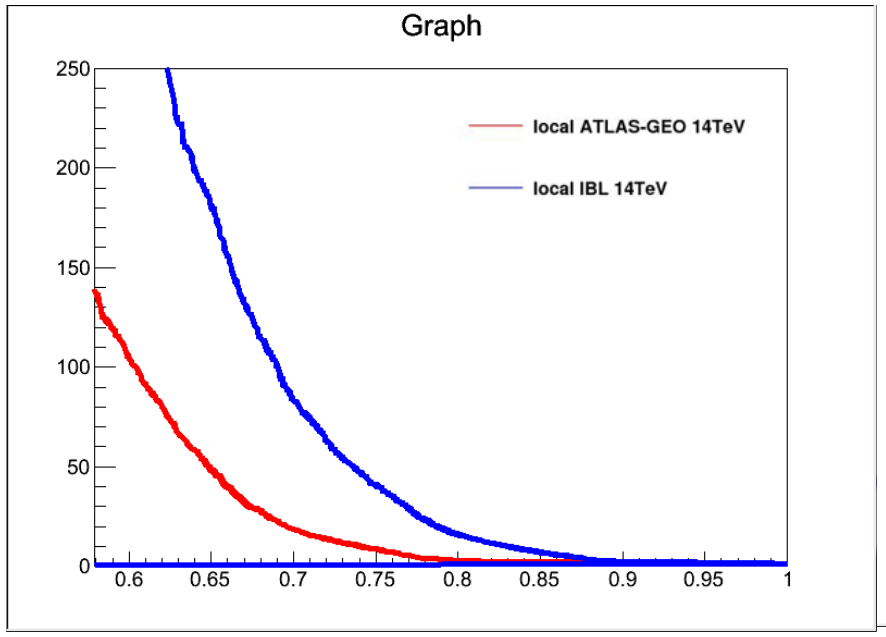
- twiki
- https://twiki.cern.ch/twiki/bin/viewauth/AtlasProtected/PhysValMonitoring
- Codes on svn
- https://svnweb.cern.ch/trac/atlasoff/browser/InnerDetector/InDe
- tValidation/InDetPhysValMonitoring/trunk/src

backup

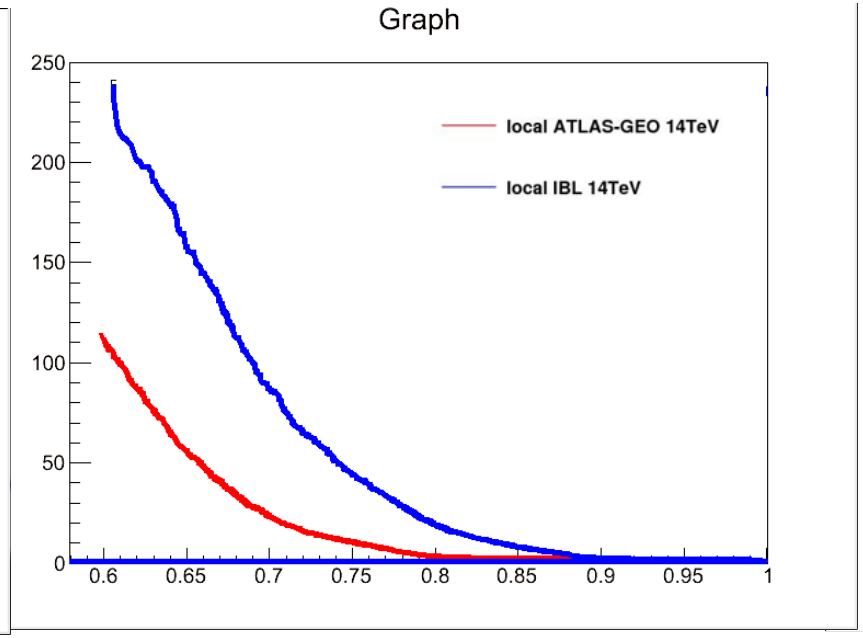
JetFitterCombNN



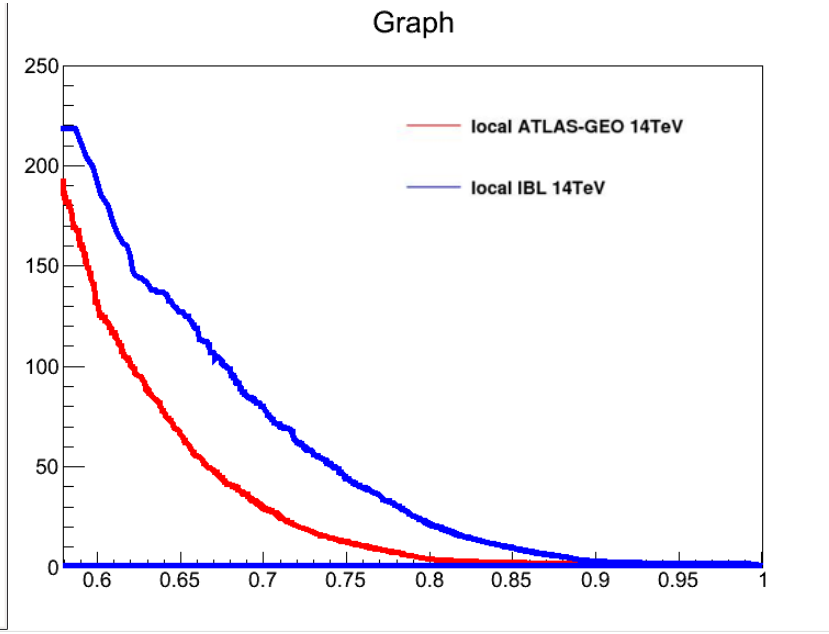
MV1 different Pt_cuts



Pt 10



Pt 15



Pt 20

The performance is quite sensitive to the cut of jet_pt