

Twiki page for SBD3PDAnalysis package

Setting up the package

Basic Introduction and Old README File

MET and METUtility Tool

Updated Selectors for 2012 data/MC

WW Inujj Analysis

WW lvlv Analysis

## Updated Selectors for 2012 data/MC (Karen/Dan)

The WWDilepton\*Selectors have been updated to be compatible with 2012 and 2011 with proper configuration.

1. GRLSelector - now with larError, tileError, coreflags
2. PileUpSelector - now with z vertex position reweighting
3. HotTileSelector - To remove bad tile events from 2012 Period B. Not necessary for 2011.
4. vertexSelector - mostly the same, but needed some info for other tools
5. WWDileptonTriggerSelector - Selects triggers according to triggers in config file. No longer hard coded trigger names by run number.
6. WWDileptonMuonSelector - cleaned up and updated with new tools
7. WWDileptonElectronSelector - cleaned up and updated with new tools,
8. WWDileptonJetSelector - the original JetSelector is really bad... This needs to be updated badly.
9. METGetter - option to use METUtilityTool to propagate MET from corrected objects (electrons, muons, jets)
10. METUtilityHelper - helper tool used in METGetter to fill in vectors of analysis objects to be propagated to MET
11. WWDileptonTriggerMatching/WWTriggerMatching - inherited from David, updated by Dan
12. WWDileptonAnalysis - final selection,
13. TrackMET - helper function to calculate track based missing ET

Available but not really used?:

1. PDFReweighter - Dan modified to work. Used for pdf reweighting.

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### Changes:

- Karen Chen (04-20-2013) Updated WWDilepton\* selectors and config files to svn.
  - Daniel Boline (04-15-2013) Fixed paths to allow WWDileptonAnalysis to work on the grid
  - Karen Chen (02-14-2013) Added MET Utility tool to METGetter.py
  - David Puldon (09-04-2012) Packages from groups are now accessed with RootCore
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This topic: Sandbox > KarenChenSandbox

Topic revision: r1 - 2013-04-21 - KarenChen



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