# GlastRelease v15r28

## System Tests Report Summary

Minor (and good) differences in the comparison with GR v15r27.

## Changes

- ntupleWriterSvc, AnalysisNtuple, merit - new merit variables, addition of unsigned long long type and type change for EvtEventId (this will break merging!)
- GlastClassify - move of prefilters from AtwoodTree.cxx into the classification xml file
- RootIO - JO to force TChainIndex rebuilding - JIRA ROOT-40
- EbfWriter - init TdsPointer to null

### Obf Filter State - What is filter state 6?

There was originally confusion about the definition of filter state used in the merit ntuple obf variable. In the Result Data Summary it is specified as an enum, but this was converted to a status word in the ntuple variable... and now it has been redefined to match the enum again.

Here are the comparison plots of merit variables Obf___State from the BackGndMixDC2 test for the Gamma, Minimum Ionizing Particle, Heavy Ion, and Diagnostic filters.
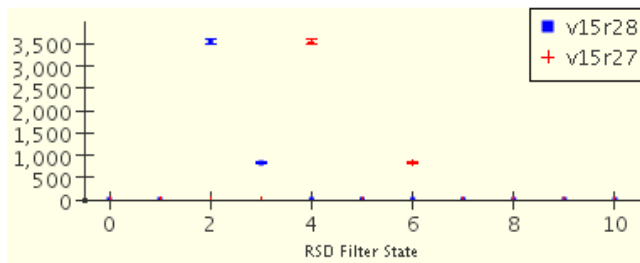0 = PASS
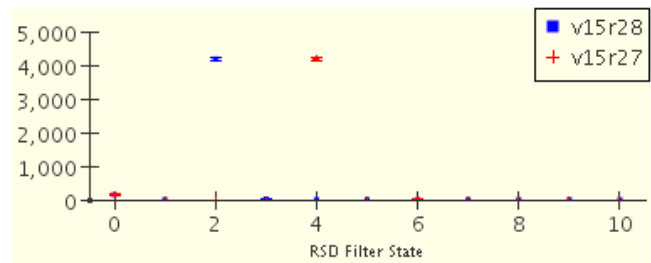1 = SUPPRESSED
2 = VETO (formerly 4)
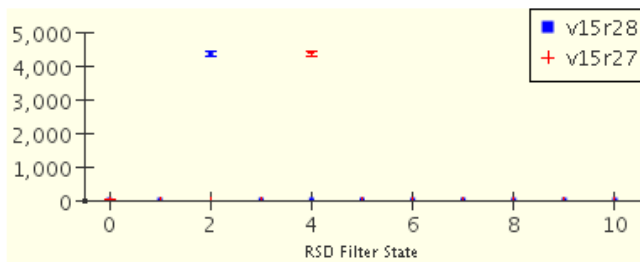3 = LEAKED (formerly 6)
4 = IGNORED