

SpecTcl Programs for experiment 02023

In /user/02023 there is a folder called “Current”, all version are in this folder.

There are 4 versions. The “main” version is “/Current/spectcl”. This version has the S800, HiRA, and the MCP’s in it. All changes should be done through this folder with copies going to other versions.

The other versions are “raw_spectcl”, “hira_spectcl”, and “mcp_spectcl”. These versions use CSpectclApp.cpp instead of CHiRA_S800SpectclApp.cpp which does not include the S800 in compiling.

Raw_spectcl only uses the ASIC and CSI event processors and only fills parameters that are ADC which is the CSI raw data, and ASIC with is the raw silicon data.

Hira_spectcl use the same event processors as Raw except it fills the hira parameters instead of the raw parameters. CPhysics is also filled here.

Mcp_spectcl use only the mcp event processor

All of these programs use identical “EventProcessors” they just use different flags in “define.h” and different flags in input-files/AdcCsiMap.dat and input-files/ChipTeleMap.dat.

Each one uses it’s own input-files so if the mapping is changed, make the changes in “/Current/spectcl” and cp that versions to the others.