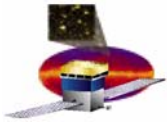


Status of temperature correction of CAL calibration.

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Temperature correction status

- Modified version of CalXtalResponse is available
 - In my folder:
 - /nfs/slac/g/svac/chehtman/pedtempcor
 - Includes:
 - » cu_temp.txt file with CU temperature measurements during
 - » tpd_cu.txt file with pedestals at 23C and temperature drift coefficients
 - Will be checked in and tagged today
 - It is based on CalXtalResponse v0r14p4 and tested with BTR v7r1215p0
- Some simplifications compare to my report from last week:
 - Only pedestals temperature correction implemented (no MPD correction)
 - SPS-PS pedestal bias just reflects the bias in temperature measurement of ~1 degree
 - I use one set of pedestals for whole BT period, but for SPS period I subtract a constant from measured temperature
- tested by reprocessing few pedestal runs (953,1602,2361)
 - Pedestal drift less than 1 adc unit
- I'd suggest to reprocess few electron runs and verify that CAL longitudinal position measurement improved