BKLM Scintillator Readout Status

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Scintillator Readout Recent Activity

- Attempted to test the SCROD data concentrator trigger stream last Thurs (Fri)
  - Confusing results with unexpected and sometimes conflicting behavior
  - Will provide a more informative update later
  - Need to follow up (ideally today + tomorrow)

Plan - Debugging Scintillator Readout for GCR

- Debug SCROD-DataCon DAQ data stream - **Done!**
- Debug SCROD-DataCon Trigger data stream - **In progress!**
  - Need to follow up last week's tests
- Check MPPC HV + threshold calibration - **Need to start**
  - First pass: configure MPPCs using default scintillator firmware
  - Check that dark noise counts are ~50kHz at low trigger threshold, suppressed at reasonable operating threshold
- Check latest version of high-rate scintillator readout - **Ok**
- Take UT3-triggered cosmic data in local mode to look at hits
  - **Currently not possible, use cosmic DAQ data stream to debug scintillator readout**