If data collection hangs,

Run: offline.com from a terminal window, if you see "(retry)" then:

Go to far right to the graphics2 work area, press "DET1" on the KVM switch to talk to the detector computer.

Open "QUANTUM CONSOLE" from icon on the desk top

At top of the BL0864 rack above the graphics2 work area, above the DET1 computer,
    find the "Quantum" power supply toggle the black power switch off, then on again,
    then press the big YELLOW button until the red light goes out and the green powerlight is on.

In the terminal/Putty window press "up arrow" to get the run "kick_detector.com" script.

When the other terminal window stops outputting text,
  press "Connect to Detector Processes" button in the "Quantum Console" window, then
  press "Connect to Temperature Control" button in the "Quantum Console" window, then
  press "Ramp to Cold Operating Temperature" button in the "Quantum Console" window, then
  press "OK" to make this move.

After the temperature is "Ready at Final Temperature",
  press the "ENABLE DETECTOR and EXIT" button in the "Quantum Console" window

Return the KVM switch to 'graphics2' so no-one accidentally uses the detector computer!

At graphics1, note the last image collected, then,
  in a terminal window, type 'nuke'
  when asked "why did you nuke?", type in "retry errors" and press "OK" button.

BLU-ice will restart,
  make sure the image number (highlighted in red) is the next image you want to collect,
  if not, then double click on the desired starting image, it will turn red,
  press "Collect" button, and data collection will resume.