saGDH Activities

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$^3\vec{\mathrm{He}}$ Collaboration Meeting

April 10, 2006, CC F-Wing 326/7

Master Run Summary Database

1. Epics Info in Data Stream has been extracted and summarized.
2. Setting up a permanent home for the Database.
3. Still need to get slit position data for second period.

As usual, I should be done in a "about a week."

Target Polarimetry

1. First pass run-by-run target density is complete (no temperature test info included yet)
2. “Refitting” all NMR/EPR measurements
3. Analysis of temperature tests in progress
4. Processing and summarizing the target data from Kathy’s EPICS logger

5. Focusing on aspects of EPR analysis first:
a. Polarization gradient between two chambers (should be small)
b. Calculating the field due to a non-spherical pumping chamber and the target chamber (should be small)
c. Understanding the effect of field gradients on the EPR measurement (probably should be small)