

TITAN group meeting 04-DEC-2007

- all present but Mathew and Jens
- minutes by Dave (see action items at the end)

11Li-run preparation:

The 60-kV Belke switch won't ship until next week. Therefore, we won't have it for the run and we will need to replace the ailing 20-kV switch (with the healthy one) as soon as possible.

HV switch switch: Ryan proposes Thursday afternoon but Vladimir prefers waiting until Sunday.

Gordon Ball needs a window with no RFQ for tape station calibration. We will propose they do that on Sunday but if they don't want to, Monday until Tuesday would be the latest window for this

ISAC: things are going not so well since the yeilds are not very good and OPS doesn't see the source of the problem. A tired and/or handicapped target seems to be the hypothesis. TIGRESS started three shifts late as well. This means that obtaining "extra" shifts will be very difficult... Moreover, it is looking difficult to make a decent measurement of 11Li within only two shifts. The lasers will be available for 11Be so at least we could try to measure that (there are 10^5 11Be/s measured at the yield station). Then run on 11Li as long as we are allowed. Friedhelm quoted 1500-2000/s for 11Li at the yield station. But Ryan points out that at 50 Hz with Li in buncher (compared to 8He at 5 Hz), we should still have a good shot at it. Also: 7Li was used to tune to the yield station so should be available for us as a reference.

Penning trap systematics:

See ELOG for Vladimir's latest results. He will continue until Sunday.

New RF amplifiers delayed until end of January 2008.

EBIT:

Trap electrode alignment in progress. Alain hopes to close the system by the end of the week. Mel thinks the EBIT should be aligned cold to avoid any questions about how the alignment changes.

The drawings of the EBIT test ion source were revised by Mike McDonald who suggested some minor modifications, i.e., he did want the width opening of the mesh panels isolating the HV section to be reduced. The drawings have now been handed to Thomas Ries for an evaluation of the mechanical structure.

Alain tries to update the vacuum layout and incorporate it into EPICS for control.

Action items:

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- talk to Gordon to see how he feels about Sunday (Jens)
- make sure no crane movement during the run! (Jens)
- safety approval and beam request form to OPS (Jens)
- decide on how the EBIT alignment should proceed (Alain, Mel)