

Minutes of the TITAN Meeting

Held on the 6th of September 2007

Present: Jens Dilling, Maxime Brodeur, Thomas Brunner, Christian Champagne, Stefan Ettenauer, Ames Friedhelm, Alain Lapierre, Dave Lunney, Ryan Ringle, Vladimir Ryjkov, Mathew Smith.

Important things consider before the December 14th experiment

- *Request ^{11}B , or alternatively we can use the ^{11}Be beam that TIGRESS will be running to tune the system and ^{12}C can be use as reference mass.
- *ISAC will add a low intensity channeltron detector in the beam line.
- *Need to figure out the RFQ efficiency for different nuclei. We can possibly use the Pips detector to measure the efficiency, but first Thomas needs to calibrate it.
- *Systematic studies of the MPET (~3-4 weeks).
- *Replace damaged MCP plates (~1 week).
- *Need to test the Lorentz steerer: it is necessary for the ^{11}Li run.
- *Need to investigate and fix the AWG misfire.
- *Design a new MCP holder that will make it easier to replace.

EBIT

- *Alain opened the EBIT to check for a short.
- *Ray is working on the EBIT bias power supplies.
- *The detector table is under construction and should be ready when Mel will be back.
- *The Behlke switches are ready.
- *Chris got the Einzel lens assembly from the shop and is currently doing simulations of the energy spread detector. He is also checking if all the EBIT beam line pieces are arrived.

Other business

- *There is a possibility of doing laser spectroscopy on ^{6-7}Li in the mid-October.
- *Thomas will add the recent talks and posters on the web site.
- *We need to move out of the ISAC2 small lab. We will need to move the things that we use the most in the 4 news cabinets currently sitting in the loading bay. We will need extra space under the platform to put these cabinets. The things that are not used often will be moved in the proton hall extension. We inherit the kicker group working space in the proton hall extension. We will use this space to do the dirty work, while we will keep the existing room as clean working space.