

TITAN General Meeting

Date: Thursday, November 22nd, 2007

Chairperson: Jens Dilling

Minutes recorded by: Thomas

Present: Paul Delheij, Ryan Ringle, Maxime Brodeur, Christian Champagne, Dave Lunney, Mel Good, Nikolina Ilic, Vladimir Ryjkov, Thomas Brunner

This meeting was a summary of the latest run of ^8He and a coordination meeting for the upcoming run in December

^8He -run

- Maxime has no issues with the ^6Li reference measurement. The ranges were set too wide in MIDAS but he can analyze the data and retrieve the information → so far the references look good
- Publication: the idea is to publish in PRL quickly (before Christmas). Jens and Dave will write the skeleton and split the work afterwards among the group
- ISOLDE stopped their runs for this year, so there is no competition until the end of their shutdown beginning next year
- Todo: check the systematic error

^{11}Li -run

- In December (12.-14.) there will be a run. The first two days will be a mixed beam of ^{11}Be ($>10^5$) and ^{11}Li to optimize the system. Afterwards one day of ^{11}Li will follow. Yield measurements will be performed this week
- Todo:
 - Run RFQ with 50Hz. This needs the change at least one switch. The RFQ guys are waiting for a 60kV switch that was shipped three weeks ago
 - Change the excitation time to 20ms. Vladimir expects this to take one to two weeks. There are two amplifiers missing
 - A new Hydrogen bottle is ordered and should arrive soon. Another bottle with 400psi is around. So there is enough Hydrogen for the upcoming tests
 - The efficiency of Hydrogen as cooling gas seems to be higher than He for Li isotopes. So it will be used for the Li run and some tests need to be performed
 - A deeper trap potential will be tested by Vladimir
 - Do some systematic compensation tests

After the ^{11}Li -run

- Vladimir and Maxime are gone January
- Ryan and Thomas are away beginning of to middle of January

- Cam said, the switchyard will not be machined before February
- Plan is to do reverse extraction and admittance in January
- EBIT vacuum system upgrade in January
- Installation of the Dali type detector system at the end of January

TODO: set up a timetable for the filling of the magnet during the Christmas holidays