

Minutes of the TITAN Meeting

Held on the 1st of October 2008

Present: Maxime Brodeur, Thomas Brunner, Paul Delheij, Jens Dilling, Stephan Ettenauer, Alain Lapierre, and Ryan Ringle

EBIT trapping electrodes

It was tested that the trapping electrodes of the EBIT can be biased individually. RF can, thus, be applied and should be ready by the end of next week. For the RF trapping we will also need cooling gas, but it is unclear how e can leak gas into the EBIT at this point.

Time sequence:

EBIT will be filled with several shots of RFQ. So, we will have two traps in the EBIT. Measurement time: 0-600 s (longest half-life: 32 min)

The remaining ions will be extracted by reverse extraction und dumped into an (during the experiment otherwise not used) MCP. This won't allow precise determination of the number of ions, but could indicate significant changes in the number of ions from cycle to cycle.

Detectors:

- x) Meeting with Chris P. arranged
- x) Machine shop has promised to have the holder for the detectors ready by October 15th.
- x) Because of B-field the detectors will be also tested being placed at their experimental position next to the EBIT.

Storage:

Thomas will check if there is presently enough storage space for the upcoming beam time. If not, the new computers have to be set up.