

Minutes of the TITAN Meeting

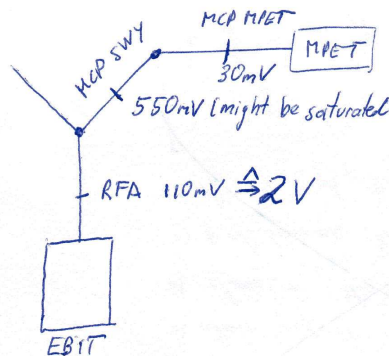
Held on the 19th of Dec 2008

Present: Paul Delheij, Jens Dilling, Stephan Ettenauer, Aaron Gallant, Melvin Good, Alain Lapierre, and Ryan Ringle

EBIT ejection

Ejection was optimized yesterday, but settings were different than 2 weeks ago.

Eject residual-gas ions and optimize on RFA (geometrical efficiency 5.5 % [=0.38³ because of 3 meshes), MCP SWY, and MCP MPET. Number of counts measured via voltage on scope.



Plan: repeat everything with MCS to the more reliable numbers

EBIT injection & ejection

The total efficiency was 1 % after long trials to optimize settings. In principle the settings for injection and ejection along the EBIT beamline should be the same, but settings seem to be different when extracting charge bread ions from residual gas.

If that is indeed the case, then we would need more hardware (power supplies and switches).

In a next trial the voltage of the sykler(?) lens will be scanned through to be able to center the beam.

Ge-detectors

Ge will be warmed up. LeGe remains cold.