PHENIX MUON IDENTIFIER MECHANICS

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Muon Arms VTC

Overview

- Changes since last muon meeting
- Factory Status
  - BNL
  - Japan
- Schedule
- Costs

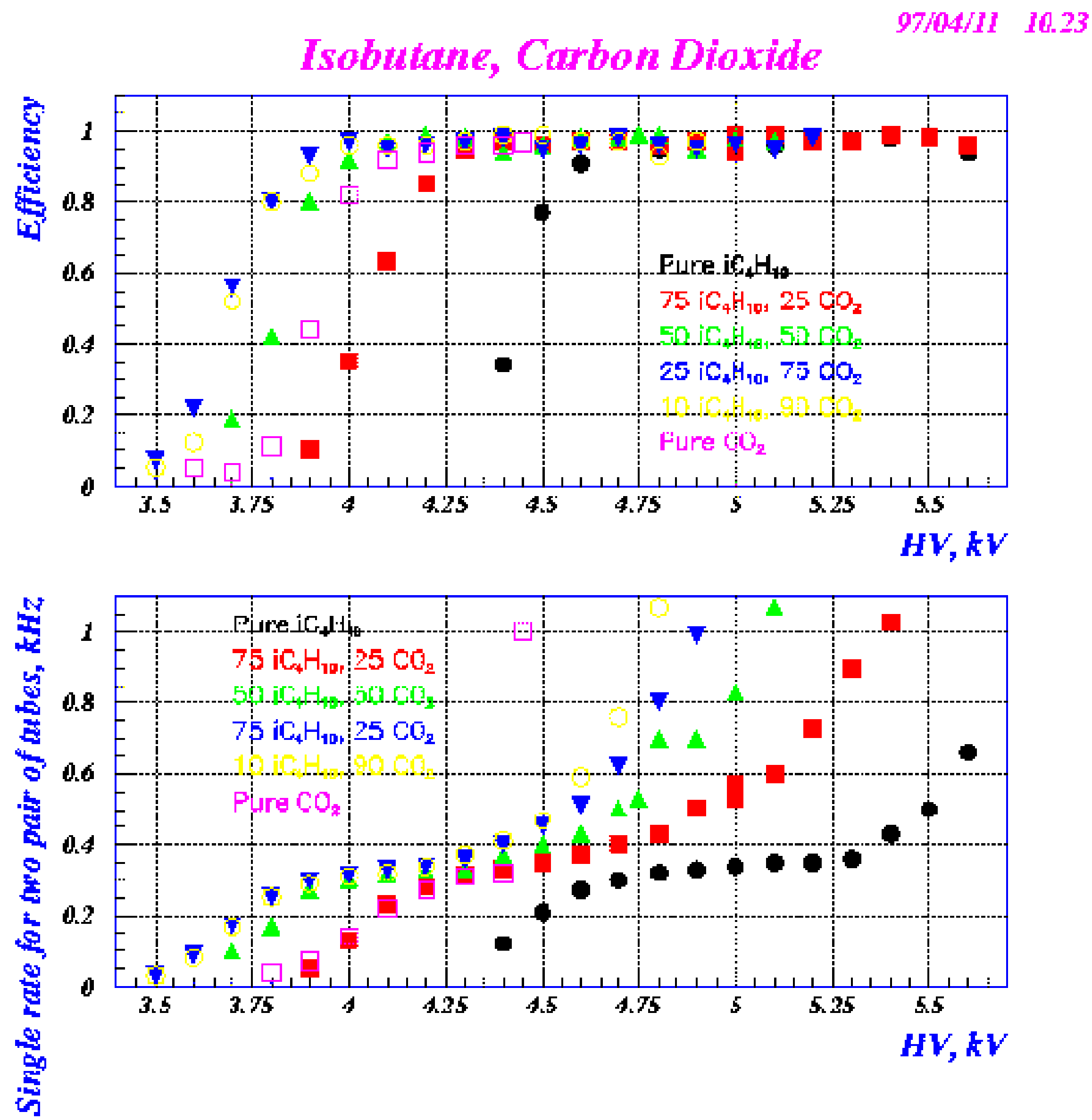
Changes since last muon meeting

- 5 installed gaps per arm, 6 panels per gap (already discussed and decided by Muon Arms group)

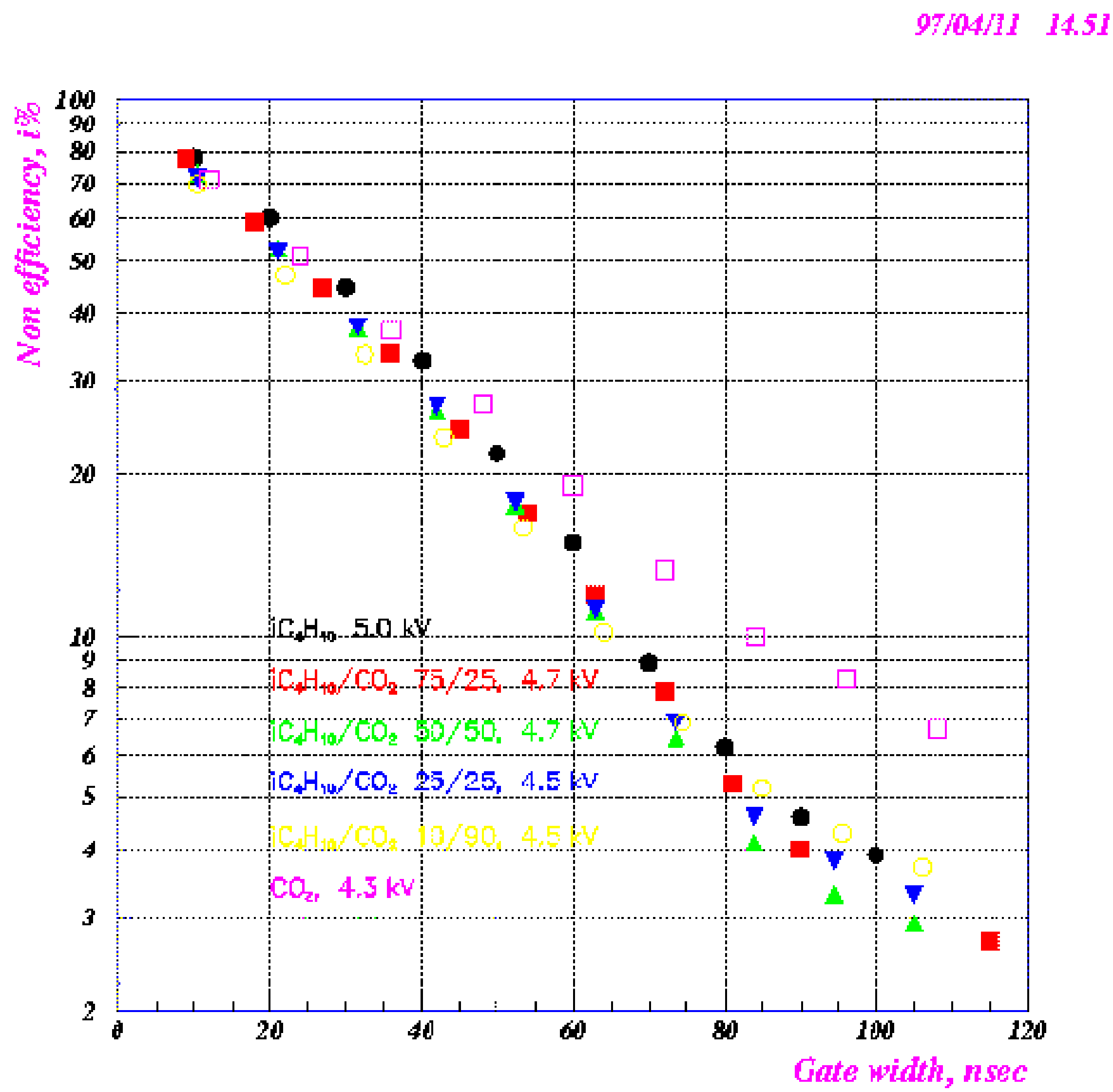
- Gas choice: 9% Isobutane : 25% CO_2 as baseline

- 25% Isobutane : 75% CO_2 not yet precluded by any actions

Changes since last muon meeting



Changes since last muon meeting



BNL Factory Status

- 3 large panels complete
- 1 empty panel INSTALLED
- 4 large panel assembly tables
- QA-conditioning area
- Manpower:
  - 6 BNL techs
  - 1 BNL supervisor tech
  - 1 machinist
  - 2 sheet metal workers
  - 1 welder
  - 7 physicists (2 from CIAE, 2 from RIKEN, 3 from ORNL)
  - 15 undergrads

BNL Factory Status

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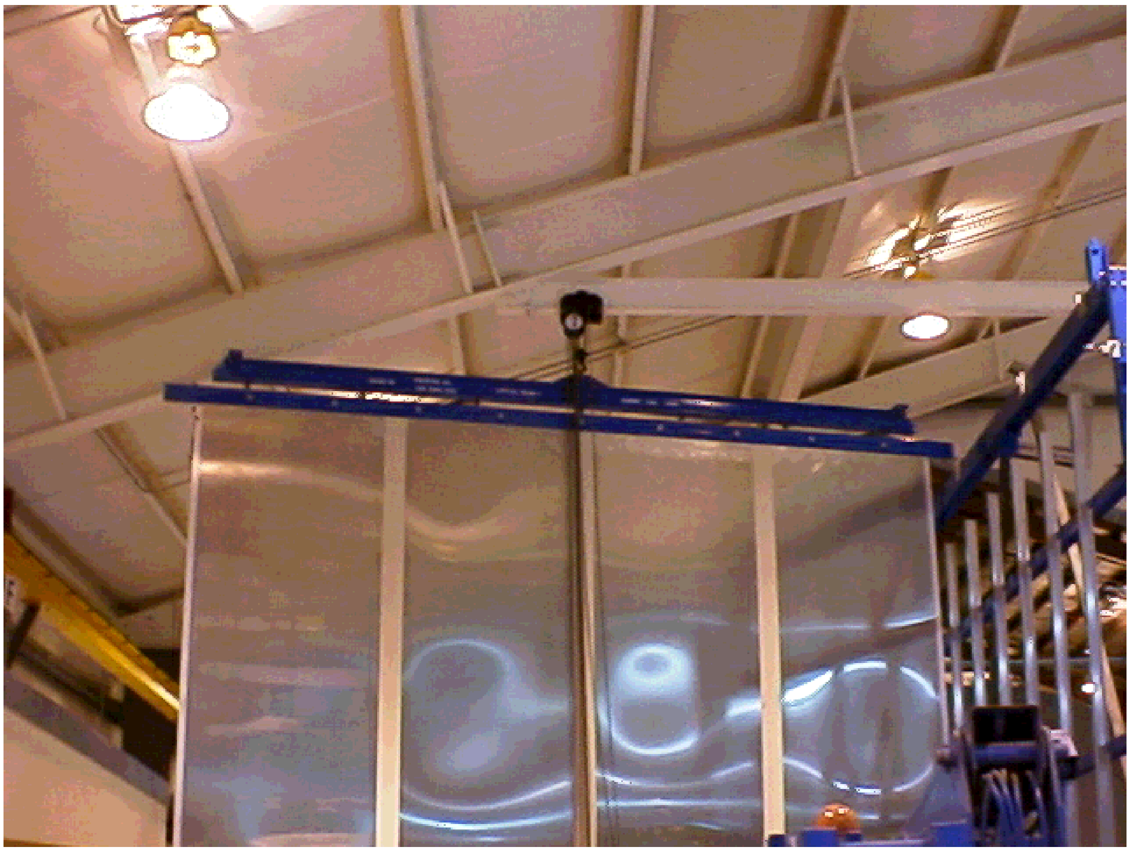

BNL Factory Status

Japanese Factory Status

- To construct 20 small panels and ship to BNL
- 5 panels already in transit!
- Last panels arrive at beginning of September 1998

Schedule

- Need to install 2 large and 1 small panel per week on average beginning in May.

- Last panel must be installed before September 30, 1998.

Cost

- Total required AEE cost (including past spending) \$2.88 M plus 10% contingency.

- Discussions underway with RIKEN concerning appropriate cost sharing. (Large panels are twice as large and there are twice as many of them.)