

Pandora AS Response Measurements

ARES Operations Meeting

Oliver Stein,
Hamburg, 16 January 2023

Measurements 11.01.2023

Pandora AS (Schwarze Kanone) response measurements

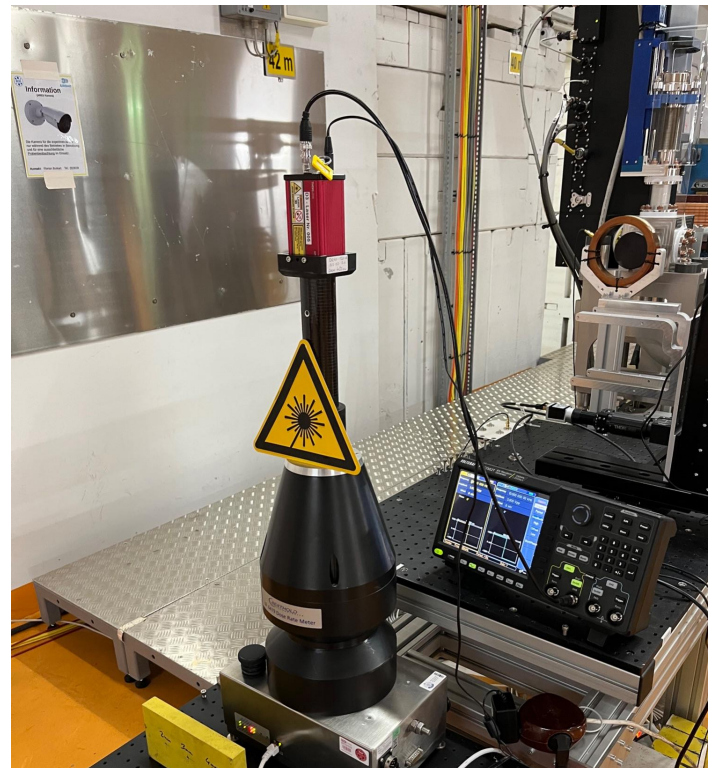
Goal: Measure the response of the Pandora AS (Air Scintillator)

Setup:

- Pandora AS installed downstream of ARES

Procedure:

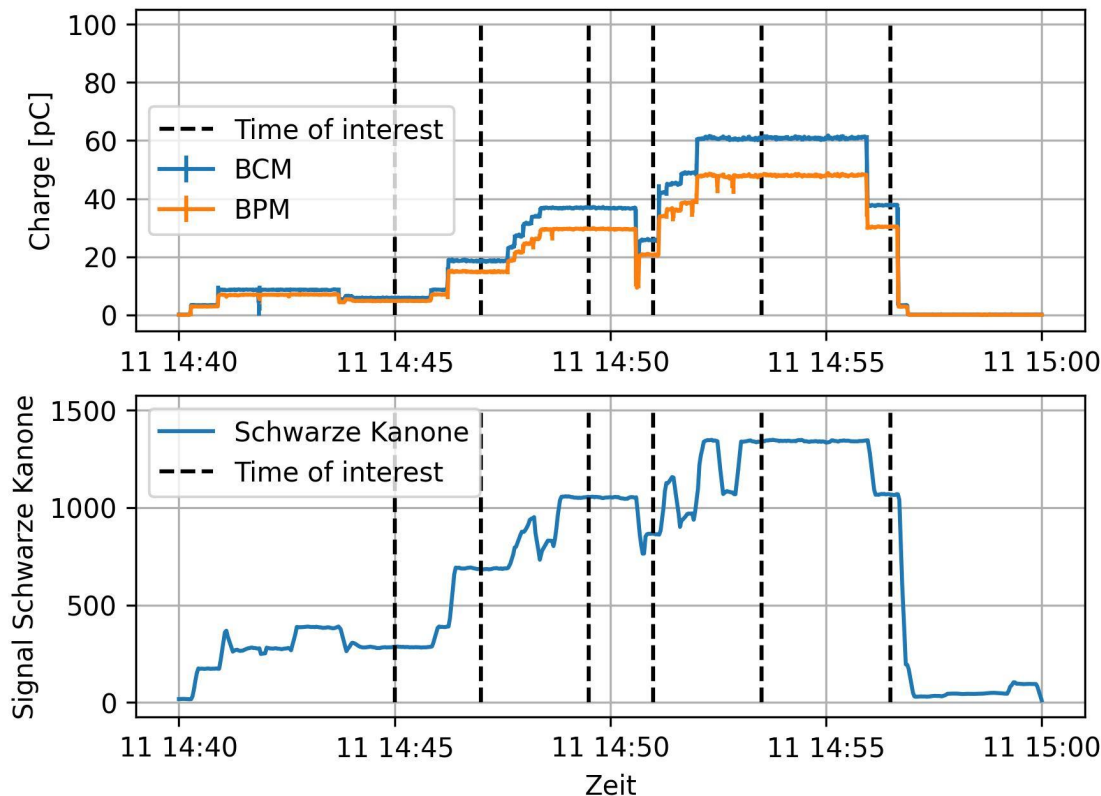
- Scan horizontally in order to check alignment
- Measure the Pandora response for different beam intensities



Response measurements with Laser, no beam

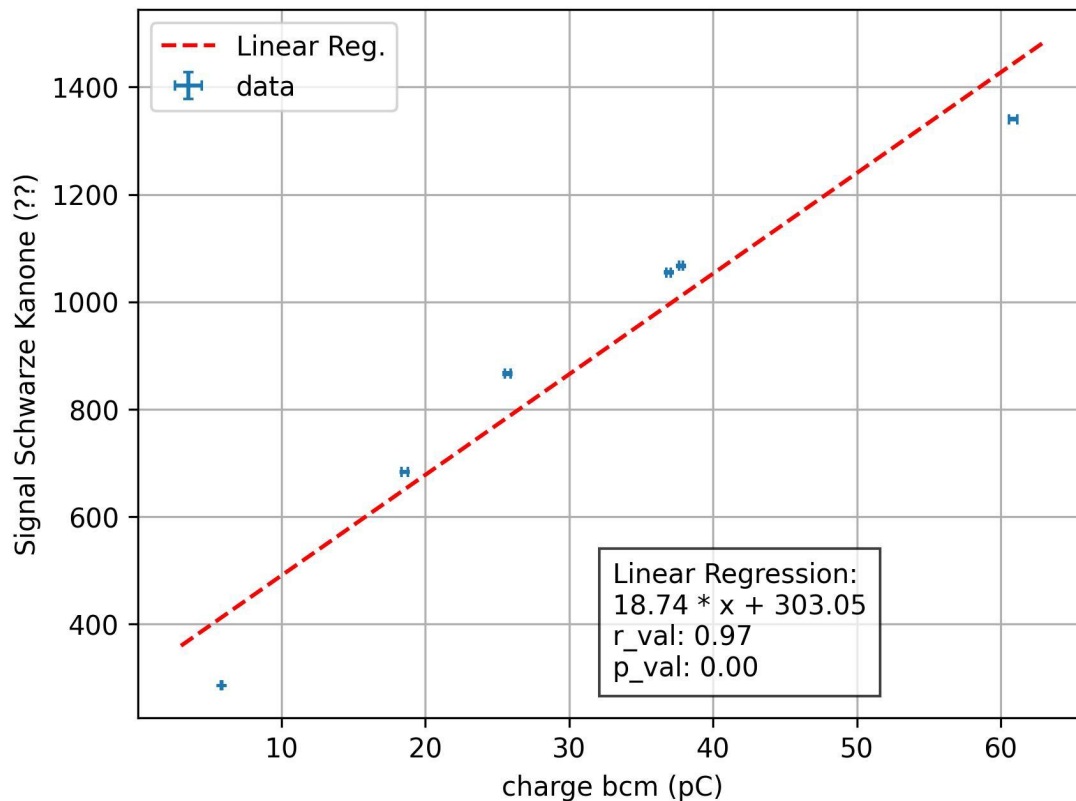
Measurements 11.01.2023

Pandora AS (Schwarze Kanone) response measurements



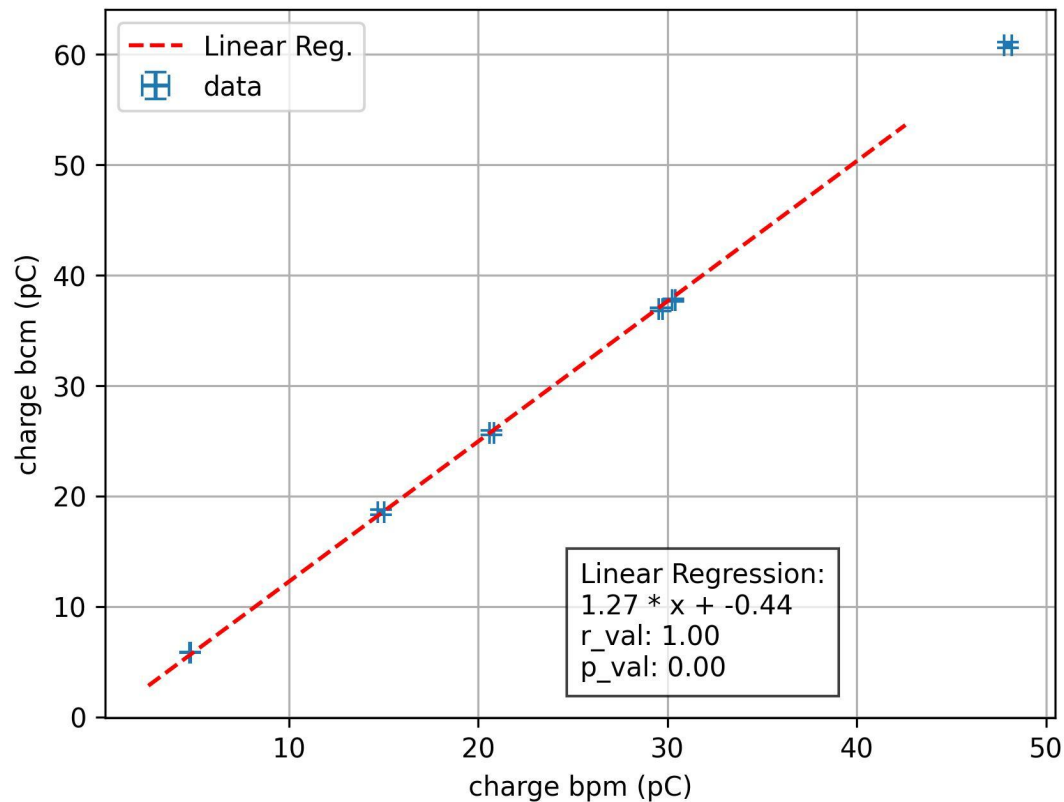
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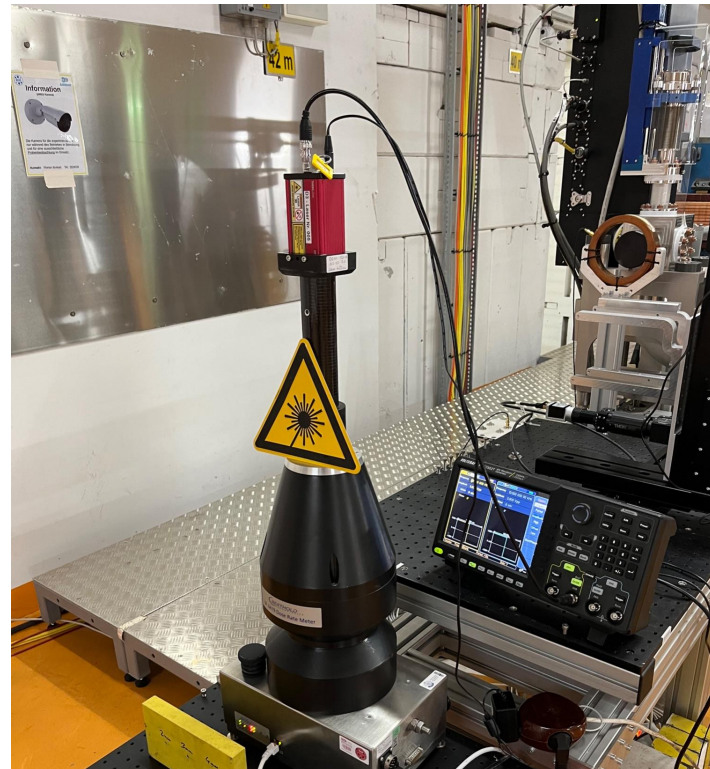
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Analysis

- Still ongoing..
- More measurement points required

Future plans

- Dose measurements with thermoluminescent dosimeter (TLDs)



Response measurements with Laser, no beam

Thank you!

Contact

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