

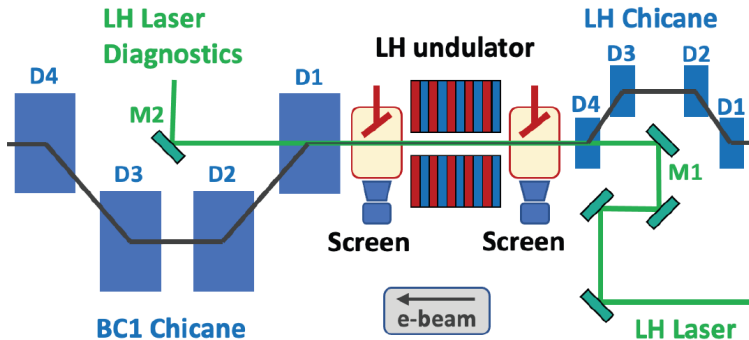
Induced energy spread from 10.01. beamtime

Dmitrii Samoilenko

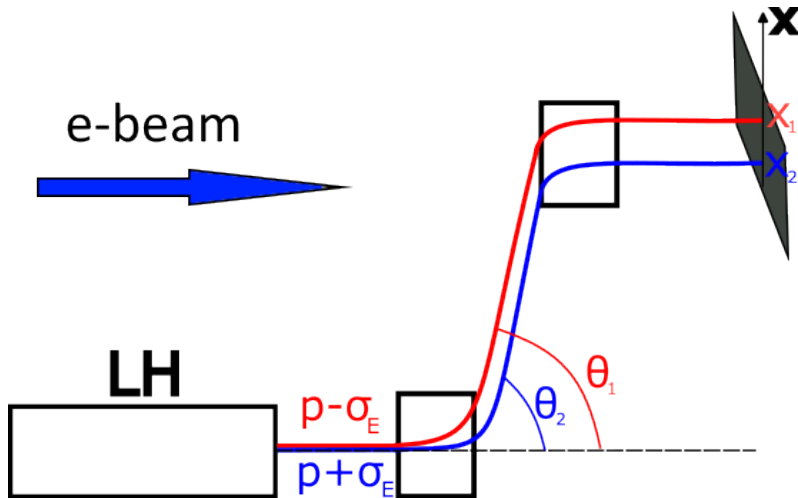
Dortmund, 21.02.2023



Layout of the LH



Measurement Setup: sketch



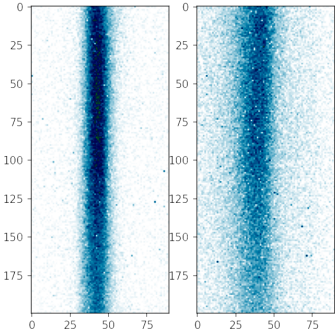
Measurement Setup: parameters

ACC1	155 MV	0.8°
ACC39	16.2 MV	-0.1°

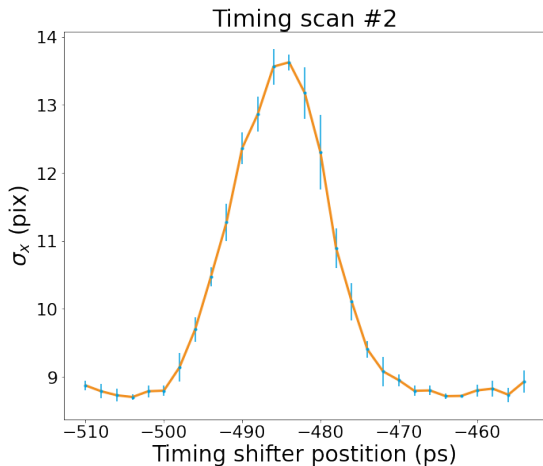
(Presumably) No energy correlations

BC1: 18° to hit the OTR screen

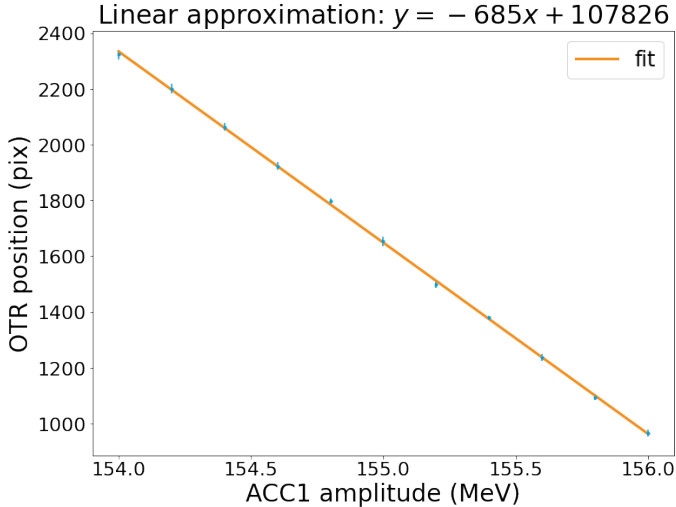
E-beam squeezed in x by quad



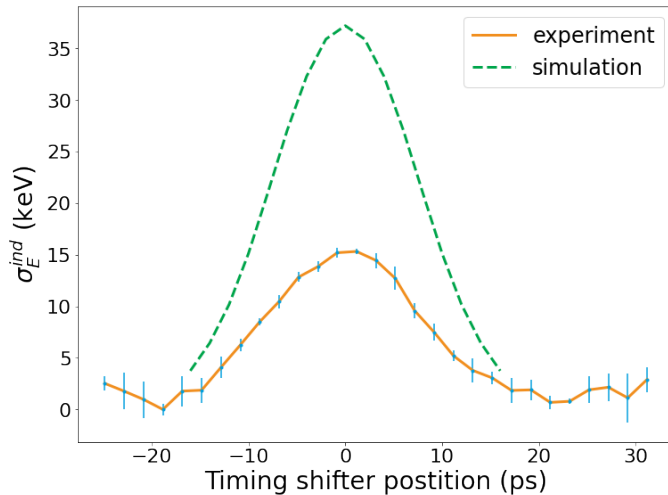
Timing scan



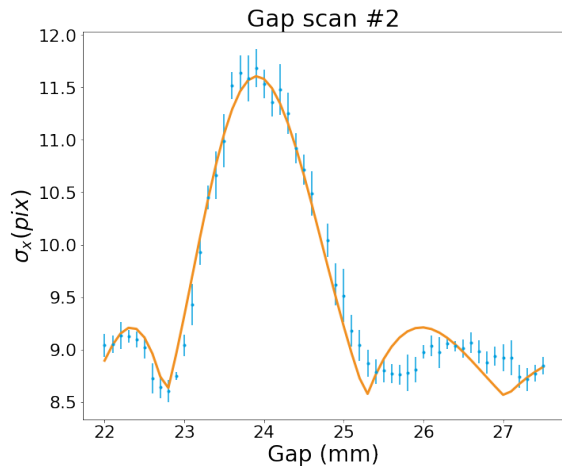
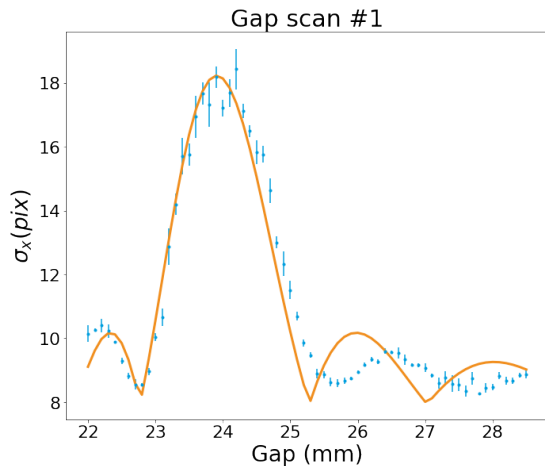
Energy calibration



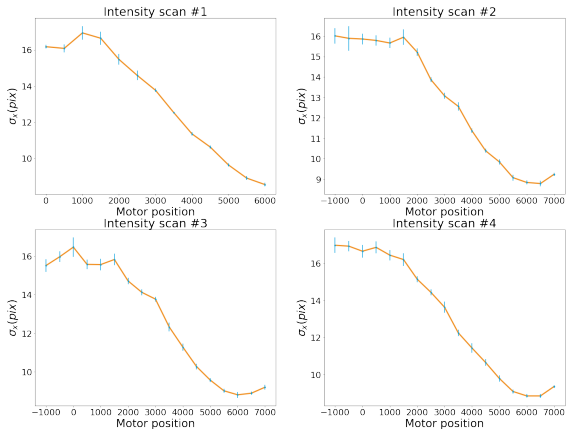
Energy spread



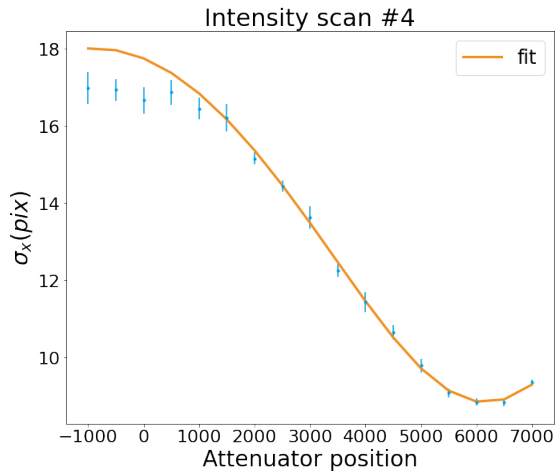
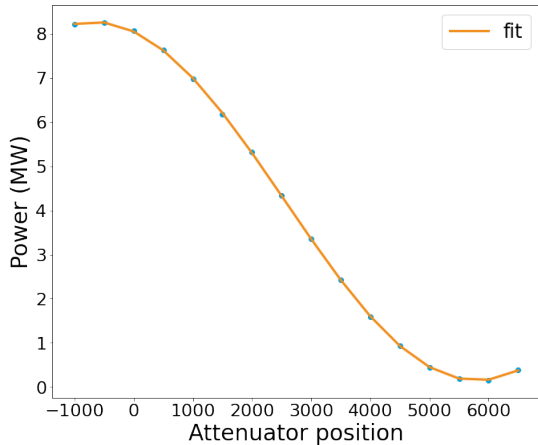
Gap scan



Intensity scan



Intensity scan



Thank you!

Contact

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