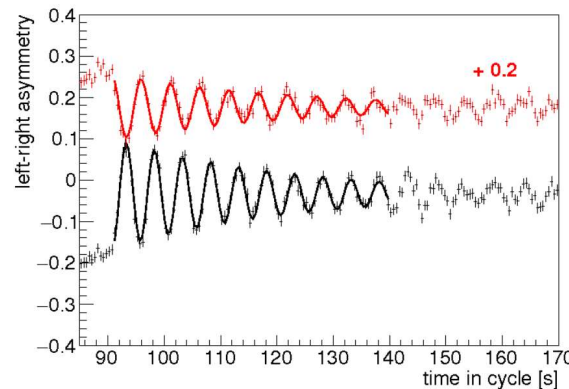
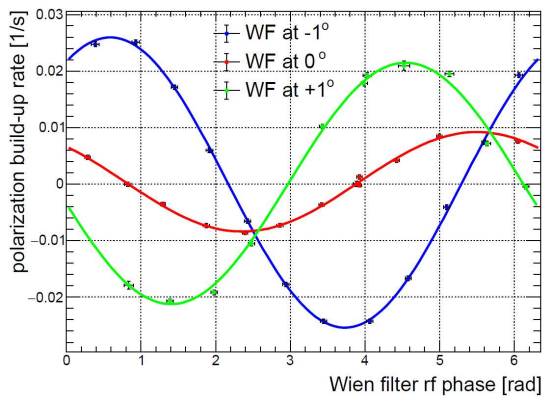
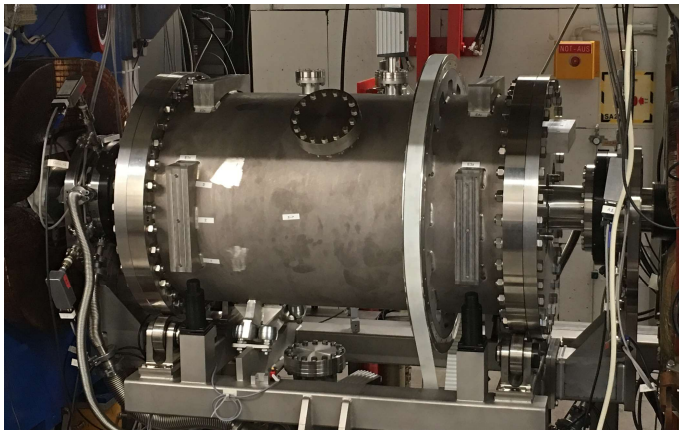


First commissioning results of the waveguide RF Wien filter

Jamal Slim (for the JEDI Collaboration), III. Phys. Inst. B, RWTH Aachen University



- One of the central ingredients for the EDM measurements at COSY
- Waveguide structure
 - Orthogonal fields *by-design*
 - Adjustable field quotient
 - Highly-homogenous EM fields
- Cover frequencies from 630 kHz to 1621 kHz
- Vanishing Lorentz force
 - No induced beam oscillations
- Spin rotator