Processing and analysis of SEC-SAXS data

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Outline

- Visualize elution profile in term of scattering
- Common issues
- Identify sample and buffer region
- Evaluate sample behaviour (Rg and MW)
- Align with additional data
CHROMIXS: CHROMatography Inline X-ray Scattering

- Visualize SEC-SAXS run
- Manually or automatic region selection
- Compare additional parameters and data
- Export data and figures
- Complete automatic processing
Experimental issues
Experimental issues
Reference and other programs for further analysis

- **CHROMIXS** (part of ATSAS package) Panjkovich and Svergun (2017) CHROMIXS: automatic and interactive analysis of chromatography-coupled small angle X-ray scattering data. *Submitted*


Summary

- Visualize elution profile in term of scattering
- Common issues
- Identify sample and buffer region
- Evaluate sample behaviour (Rg and MW)
- Combine with additional data