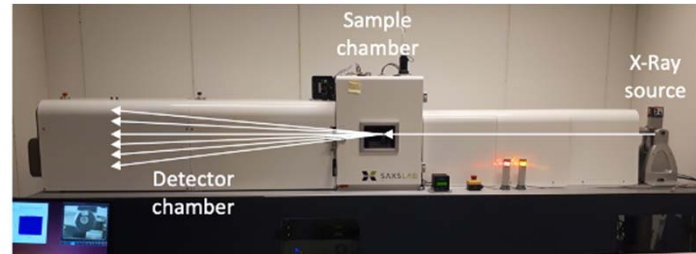


SAXS/WAXS measurements on nanostructured materials



Mat:Nordic SAXS instrument, SAXSlab



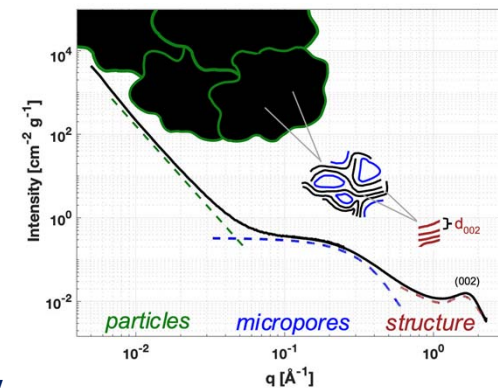
With x-ray scattering nanostructures can be characterized to provide an understanding of the relation between structures, processes and properties.

The SAXS/WAXS material characterization can involve analysis of :

- Sample morphology, i.e., sizes, shapes
- Crystallinity, size of crystallites
- Orientations
- Porosity, specific surface etc.

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Scattering curve from Hard Carbon displaying an hierarchical structure in the material.