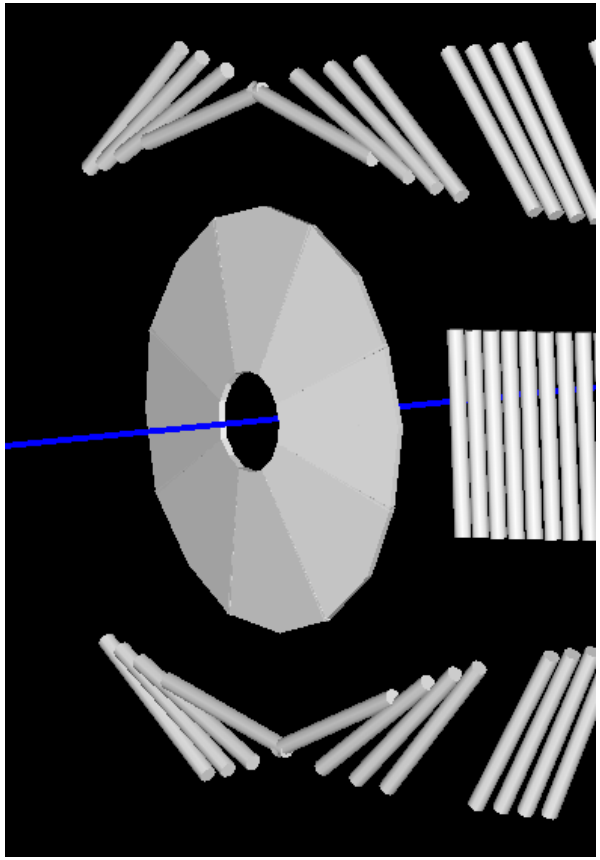
Current status

- Pull for revised `DetectorEfficiencyCorUser` requested.
- Rosace getting ready



Detector efficiency algorithms

- `DetectorEfficiencyCorUser`
  - Instrument-specific efficiency formula, depends only on E_f.
  - IN4: $\epsilon = A \exp(-\alpha/\sqrt{E_f})(1 - \exp(-\beta/\sqrt{E_f}))$
- `DetectorEfficiencyCor`
  - Uses tabulated formula from [???], takes into account He_3 pressure, incident angle, detector wall thickness.
- `He3TubeEfficiency`
  - $\epsilon = \frac{A}{1-\exp(\frac{-\alpha P(L-2W)\lambda}{T \sin(\theta)})}$

Pending jobs

- Diffraction data validation
- IDF: Finalize Rosace and detector grouping
  - Some details still not known
- Generalized DOS
- `DGSReduction`