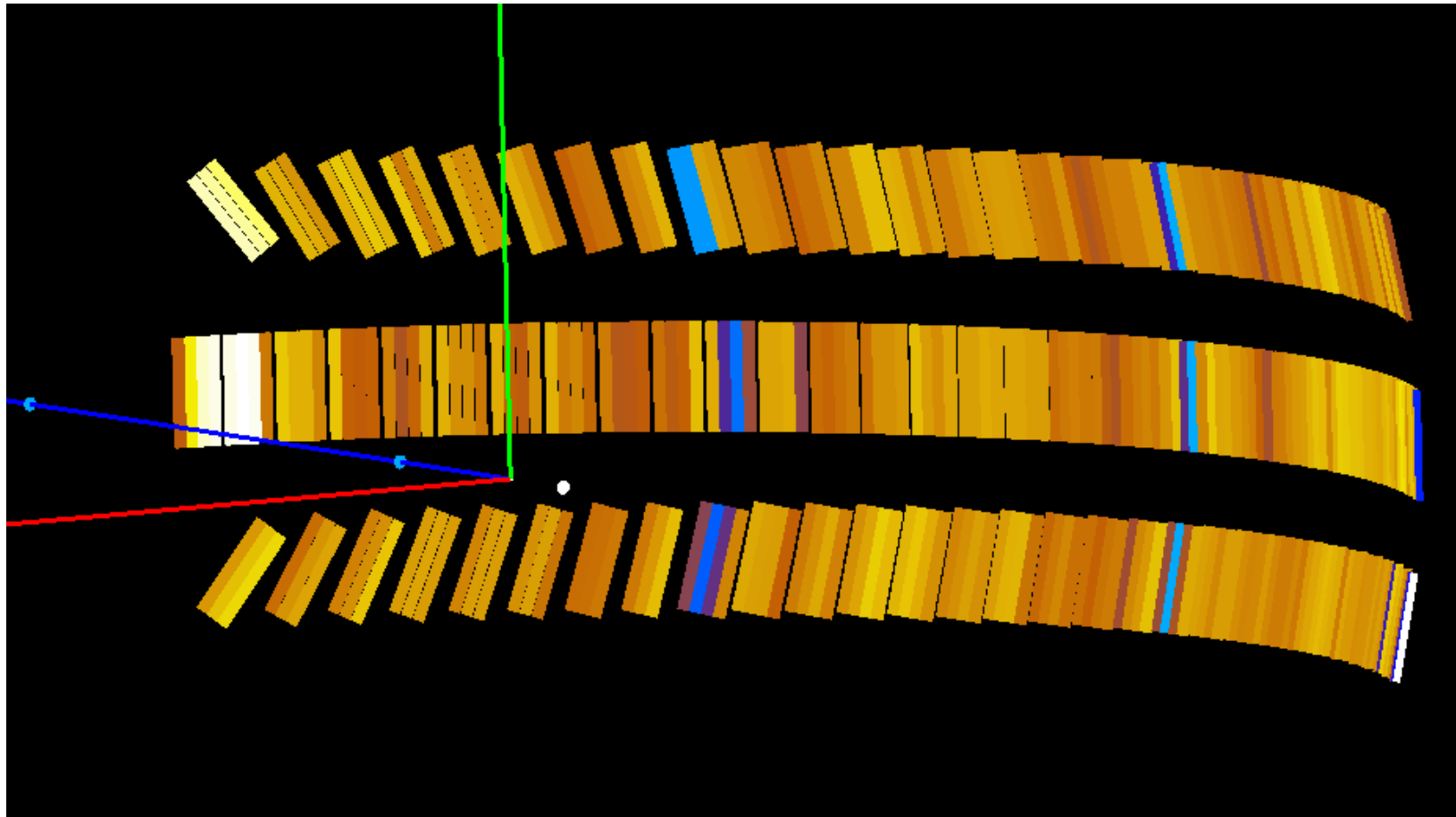# IN6 Updates

Sprint Review Meeting 26/07/16

IN6 IDF – Monitors

- Monitor positions at -0.273 m, +0.570 m and +2.483 m (only first is used)

IN4/5/6 L1 Values

- In IDF at -2 m from source

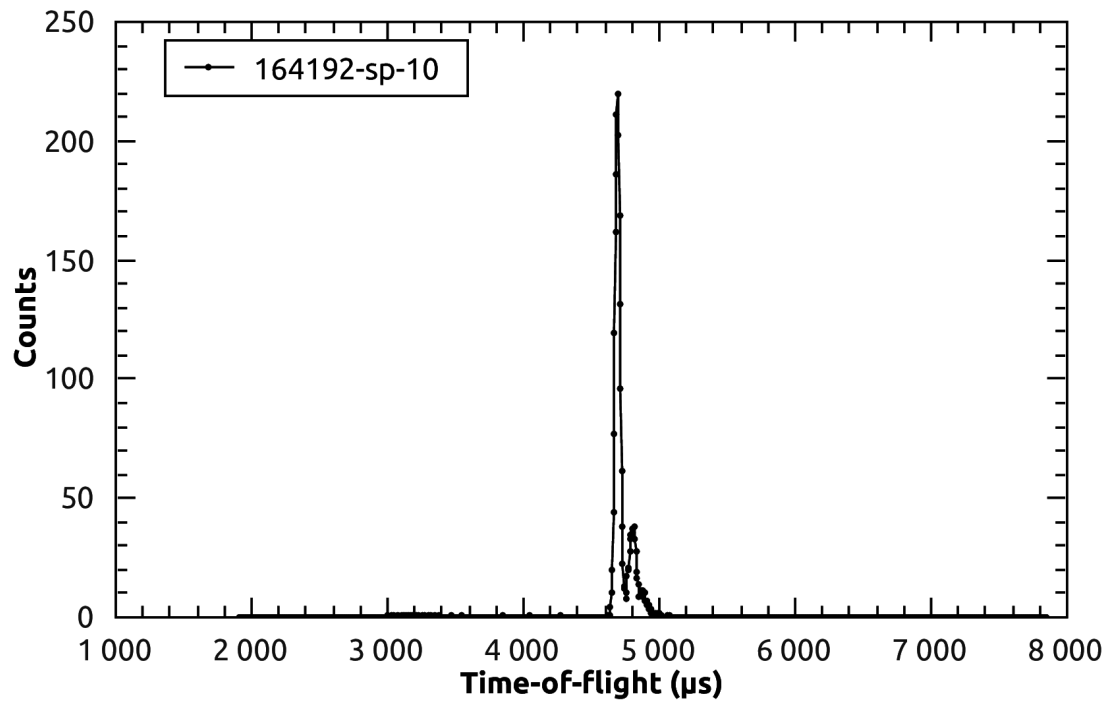- Arbitrary value – when loading Lamp L1 and L2 values are added to give a 'theoretical ToF'

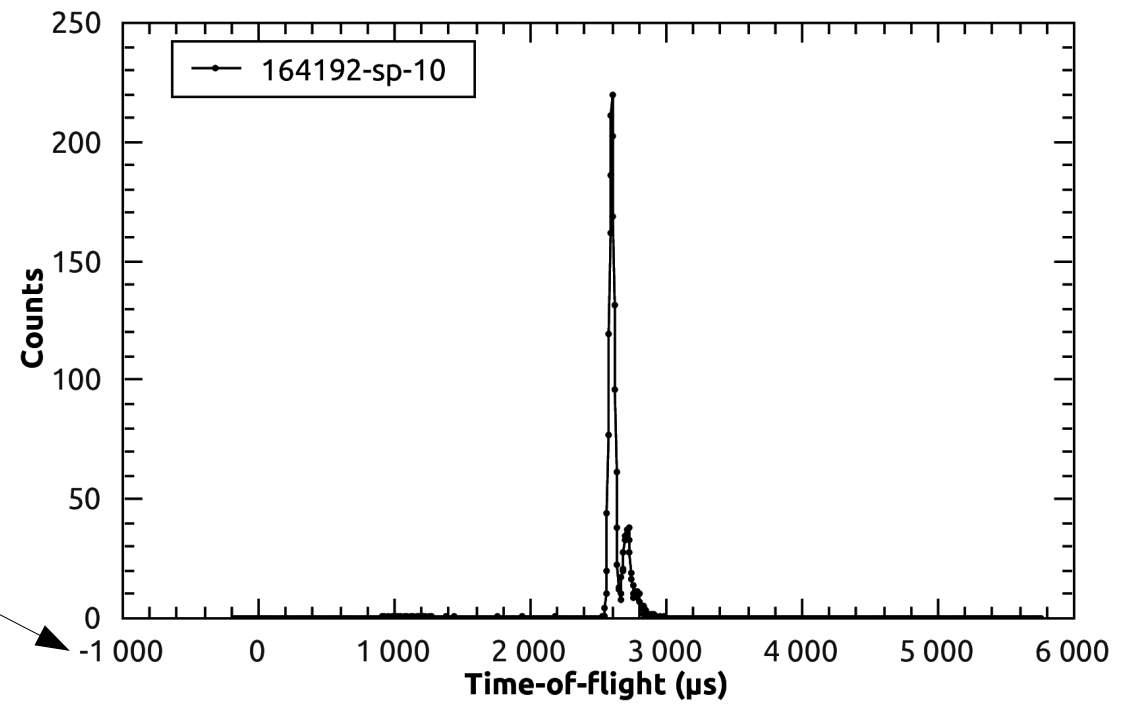$$ToF[i] = ToF_{CW}(Ch[i] - Ch_{EPP}) - ToF_{CW}/2$$

- Mantid frequently uses:

$$beamVector = samplePosition - sourcePosition$$

- … direction also available as defined in IDF

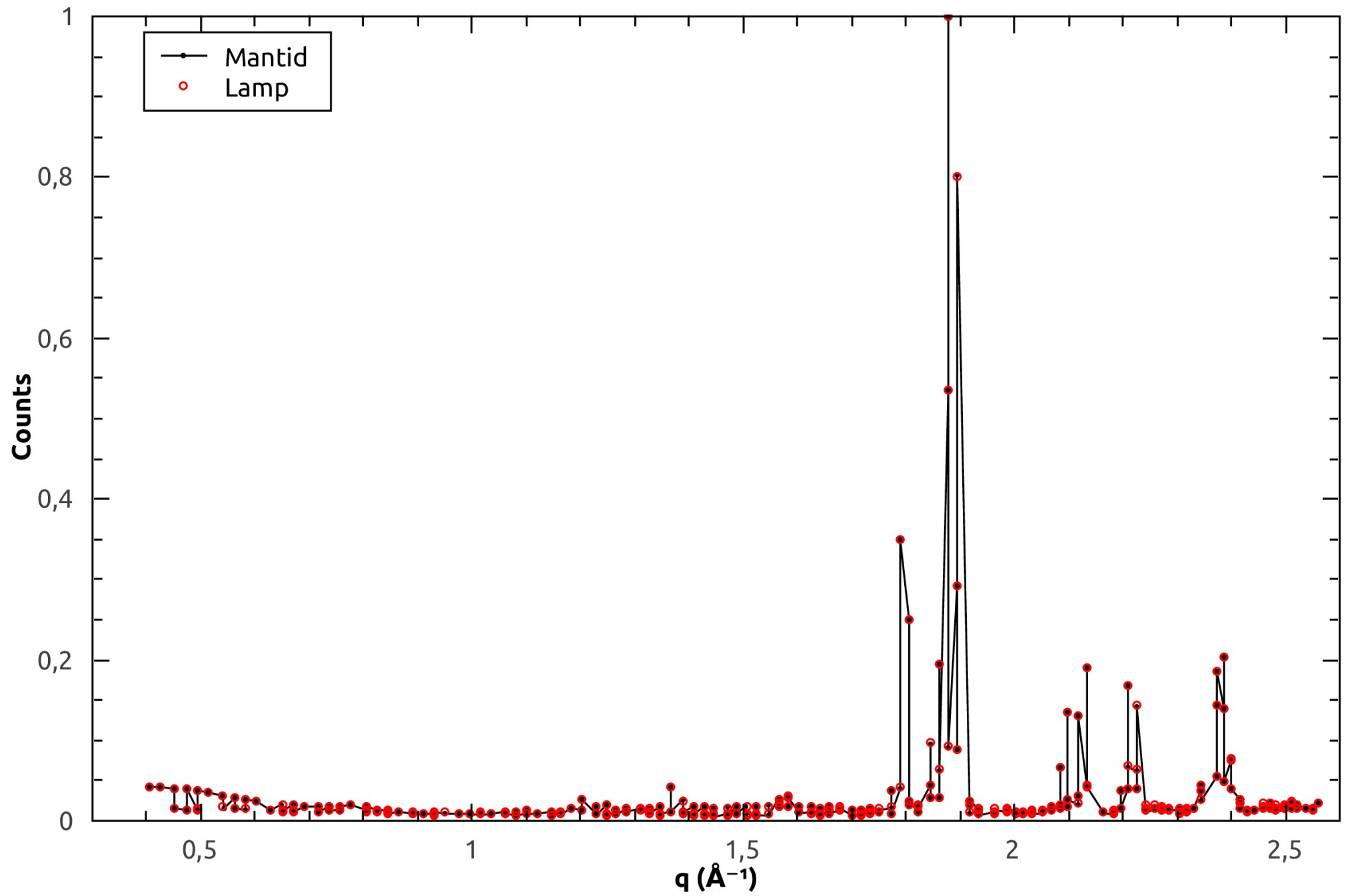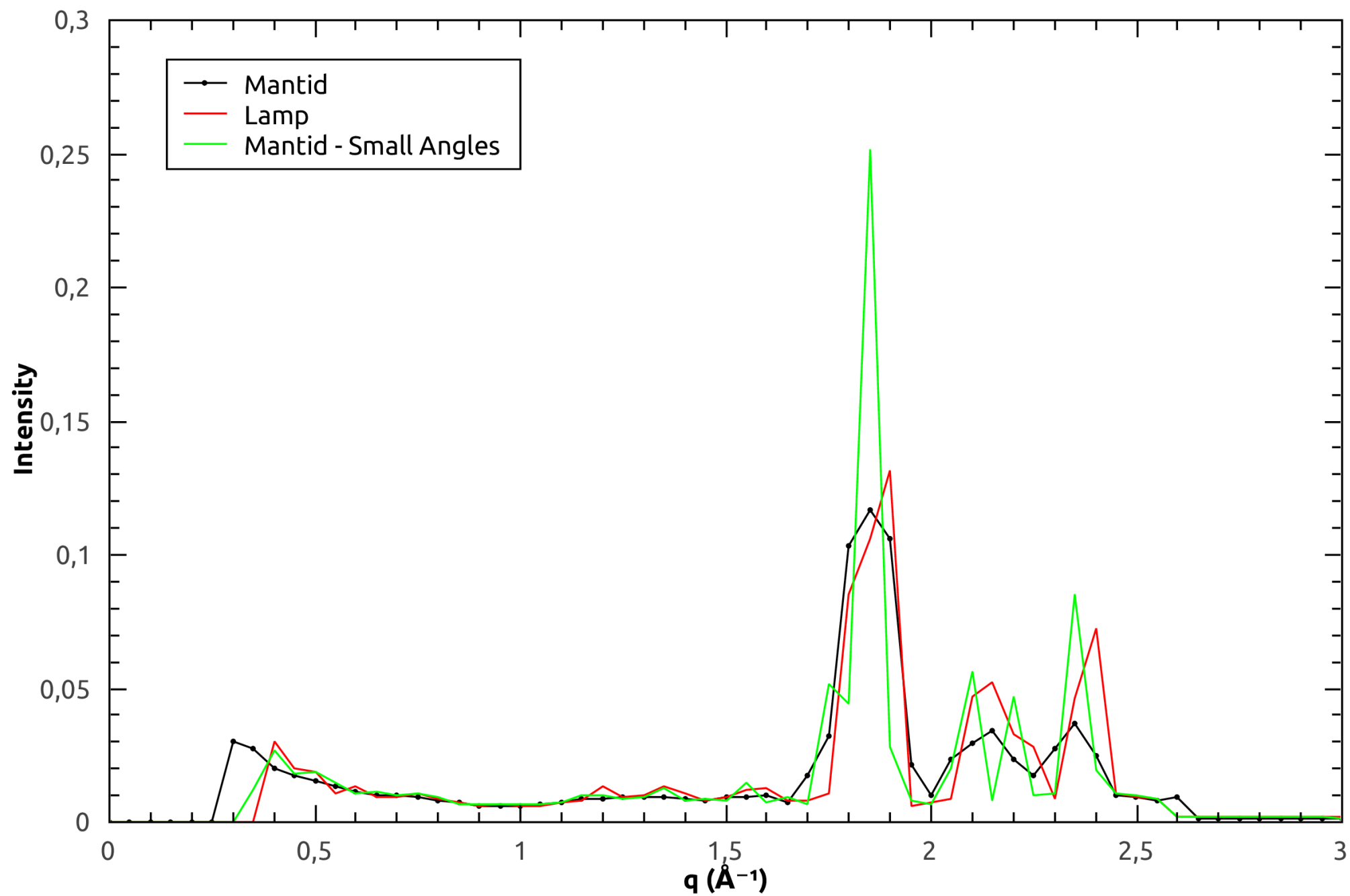- Should L1 = 0, L1 = chopper position or does not matter at all…?

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Different ToF Axes

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S(φ,E)

S(Q,ω)

MergeRuns Extension

- Merge sample log data when performing MergeRuns

- Options to Average, Max, Min, Sum and List

- Check to ensure Ei/Wavelength is the same

- ... in progress

- https://github.com/mantidproject/mantid/issues/16928

Work to Do...

- Finish MergeRuns extension

- Merge IN6 IDF changes (only L1 value outstanding)

- IN6 Detector Efficiency

- ToF Workflow Algorithm...