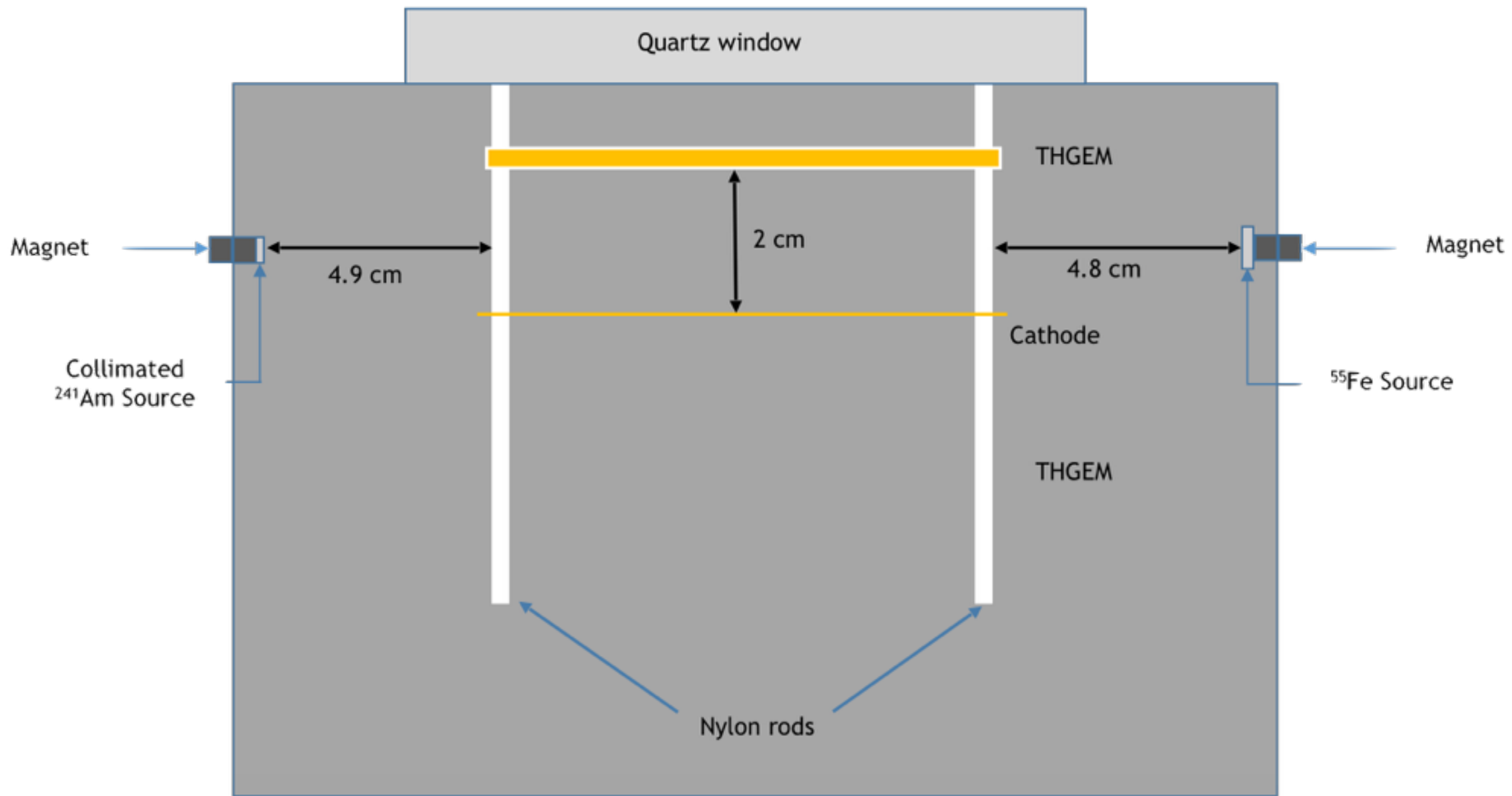


Sheffield THGEM Update

Andrew Scarff
University of Sheffield

Setup



SF₆ Measurements

- Initial measurements using average pulse height feature on scope.
- Compared to values from pulse put through preamp test input
- Preliminary* gain estimate of ~6000 in 30 and 40 Torr
- DAQ issues - hopefully will get more data next week.

*Very very preliminary...

Summary

- Preliminary gain ~6000.
- Should have more data for ^{55}Fe spectra and accurate gain measurement next week.