Developing detectors at the University of Surrey



J. Henderson¹, J. O'Neill¹, N. Gadsby¹, M. Alkuraish¹, J. Coutts^{1,*}

¹Department of Physics, University of Surrey, Guildford, United Kingdom

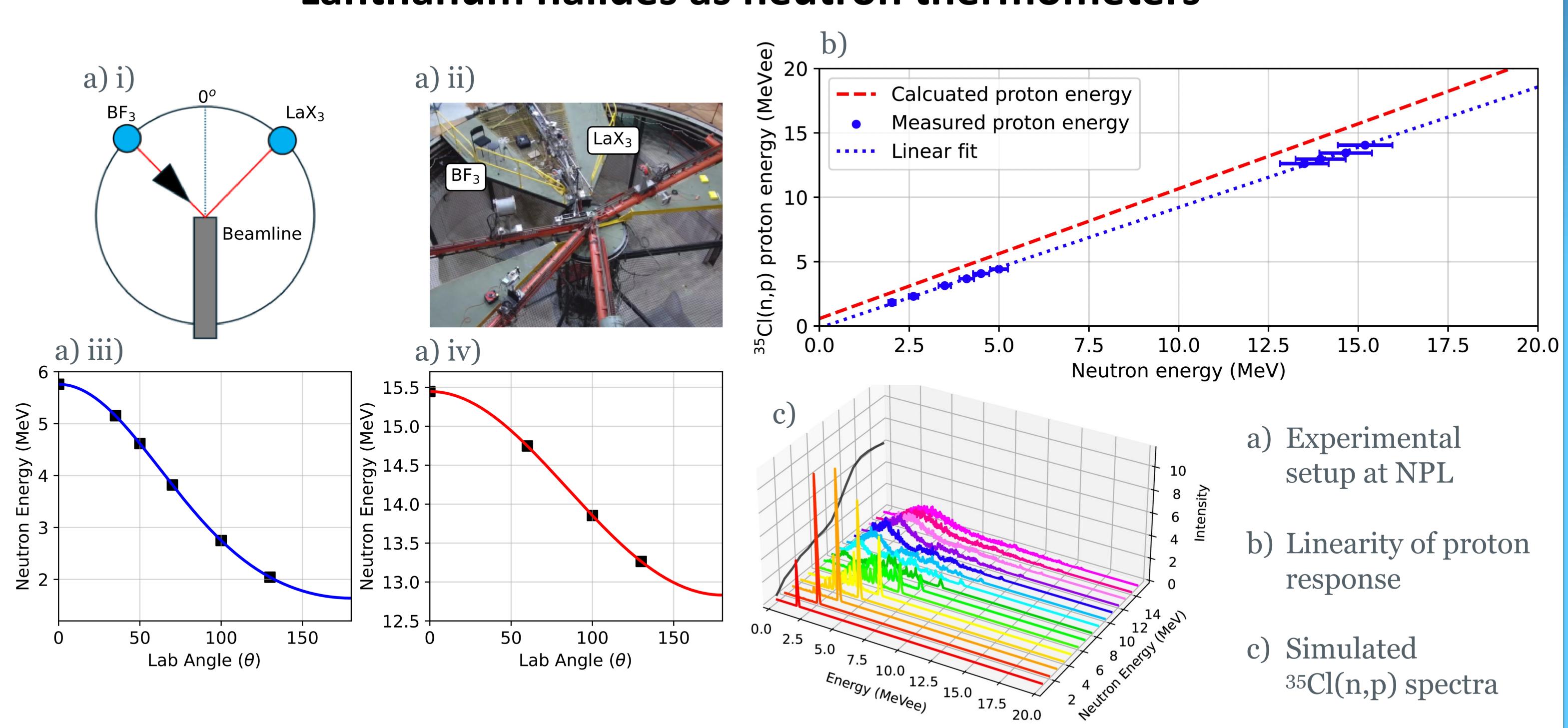
*NTR-Net pilot project

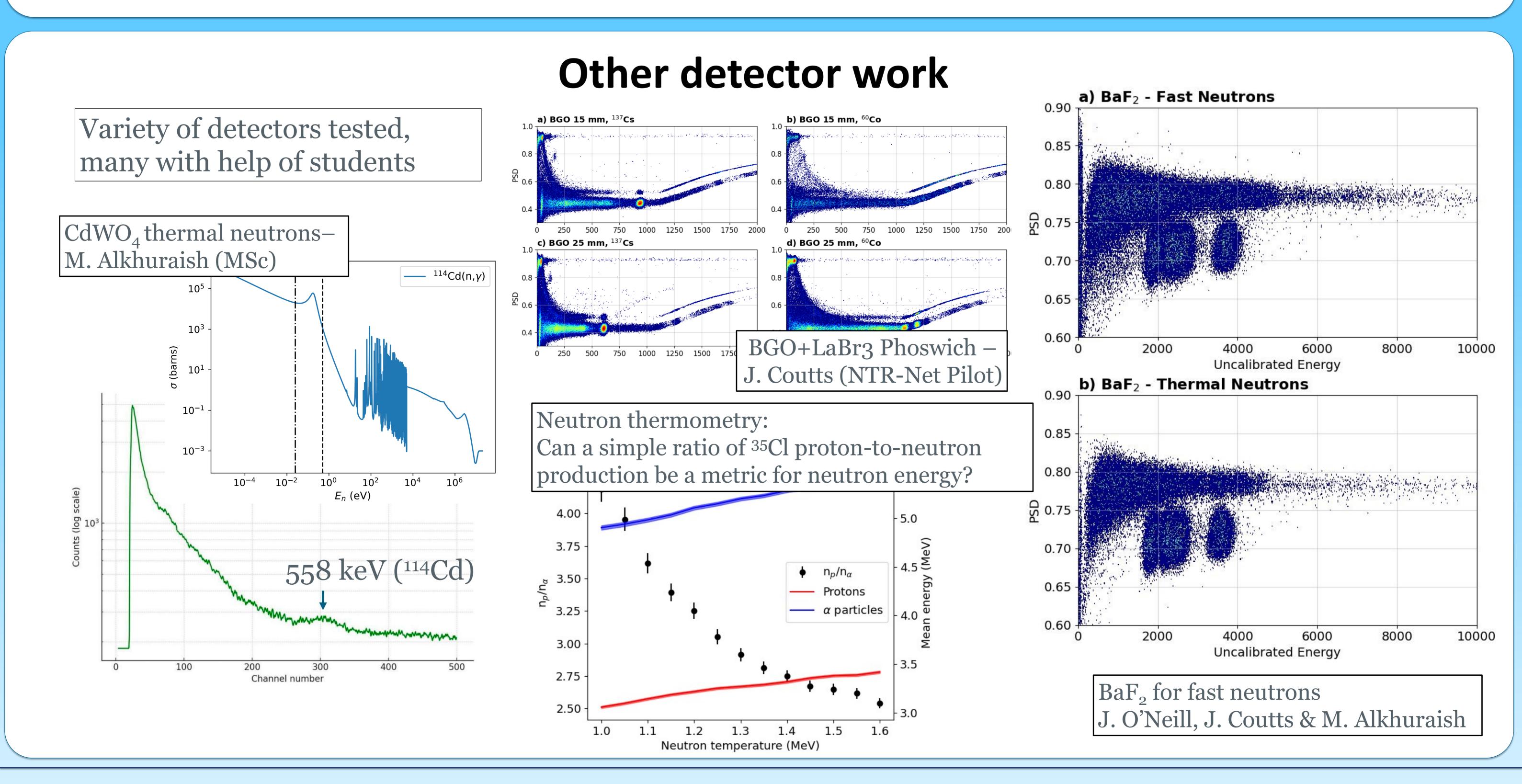


Introduction

At the University of Surrey, we have worked to develop a number of novel applications of existing scintillator detectors Combining previously poorly explored neutron responses (e.g. Ref. [1]) and novel configurations (e.g. Ref. [2])

Lanthanum halides as neutron thermometers





Acknowledgements

Work was performed under UKRI Future Leaders Fellowship grant MR/T022264/1 and supported by the STFC Copywright 2025 UK Ministry of Defence © Crown Owned Copywright 2025/AWE

References