

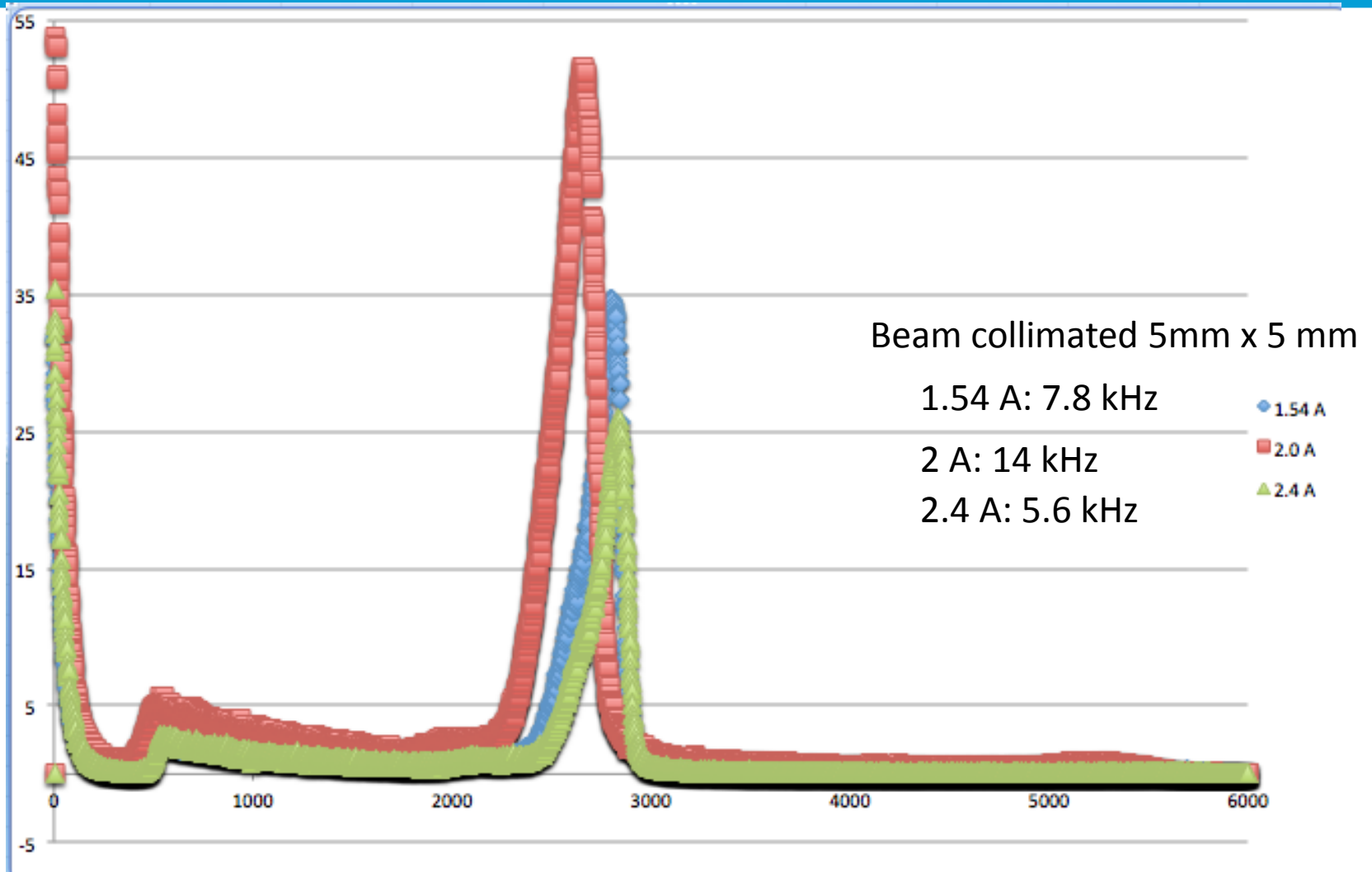
Update Gd-GEMs for NMX

20.06.2016

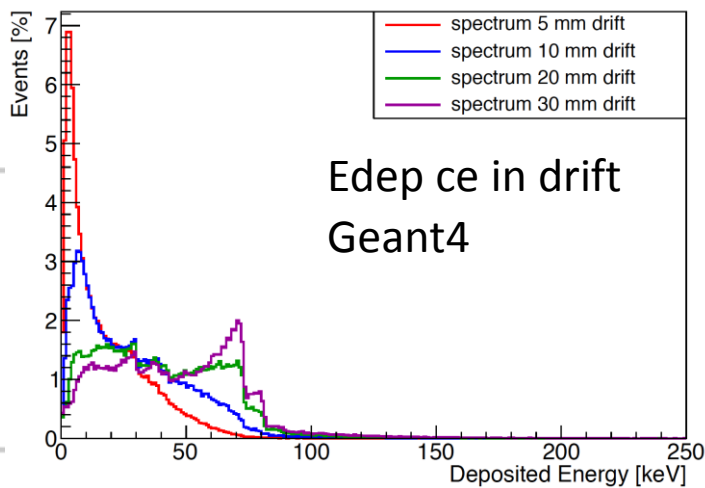
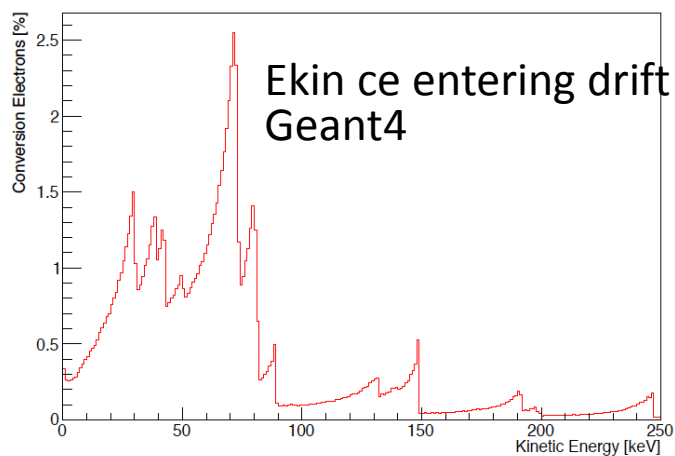
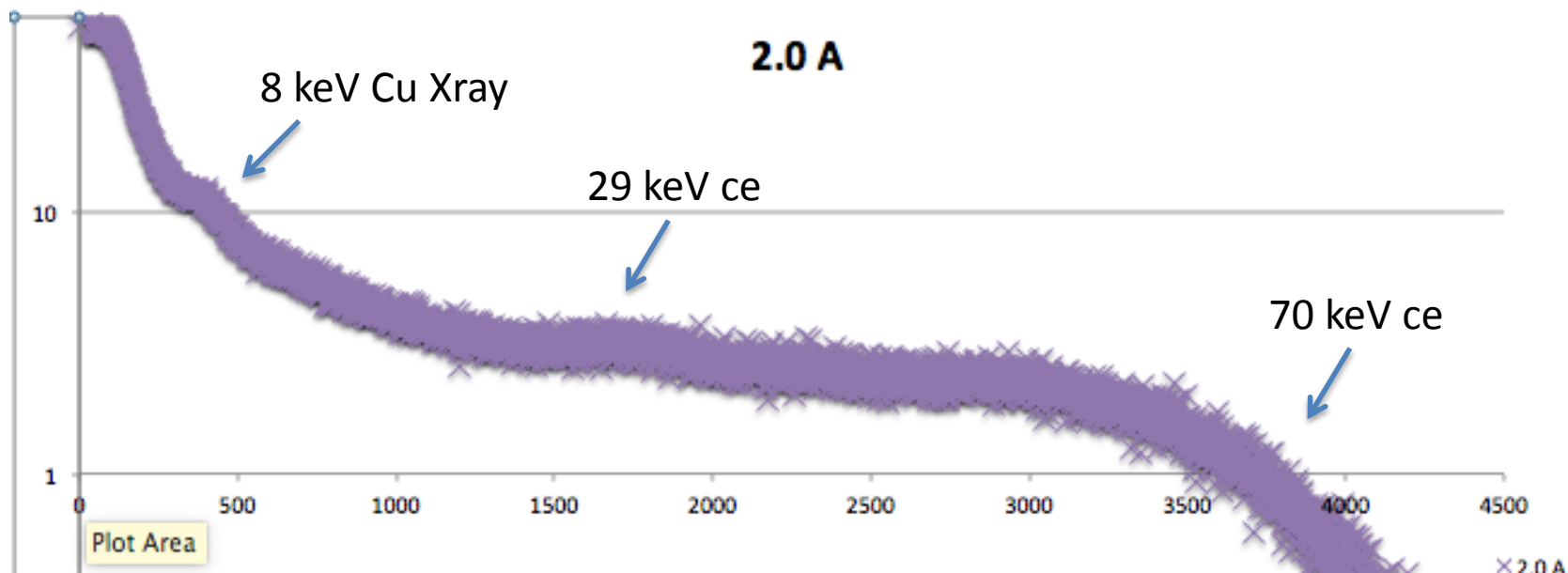
brightness



He3 tube spectra



25um Gd-GEM, 20m drift, 2 A neutrons



Enriched Gd

- Goodfellow found precious metal foundry that is melting small amounts of Gd powder (5g)
- Start with two tests to melt 5g of natural Gd powder to produce ingot
- Roll ingot into 10um and 25 um foil
- If successful, try with enriched Gd

Goodfellow

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Your reference
Dated
Our reference
Date
Direct Dial Telephone

E-mail
15-February-2016
802331/S Wiczorek
8-June-2016
01480 424947

Our quotation reference : Q940894

Thank you for your enquiry referenced as above. We have pleasure in offering subject to our standard conditions of sale and without engagement as follows:

1. Gadolinium Powder Gd
Starting Powder Purity: 99.9%
Particle Size : 400µm

Quantity : 50 g Price : GBP 900.00 (Lot)

This material is HAZARDOUS for transport purposes - see additional note. There will be an additional packing and shipping charge of 80 GBP for any order containing this item.

2. Gadolinium Melt & Foil Test
Starting Powder: Gd 99.9%
Manufacturing: Melt
Resulting Ingot
Material Pressing
Foil Rolling & Finishing

Intended Finished Foil Thickness: 10 micron

Quantity : 1 pc Price : GBP 1800.00 / pc
Please note that there will be one melt per foil.

3. Gadolinium Melt & Foil Test
Starting Powder: Gd 99.9%
Manufacturing: Melt
Resulting Ingot
Material Pressing
Foil Rolling & Finishing

Intended Finished Foil Thickness: 25 Micron

Quantity : 1 pc Price : GBP 1500.00 / pc
Please note that there will be one melt per foil.