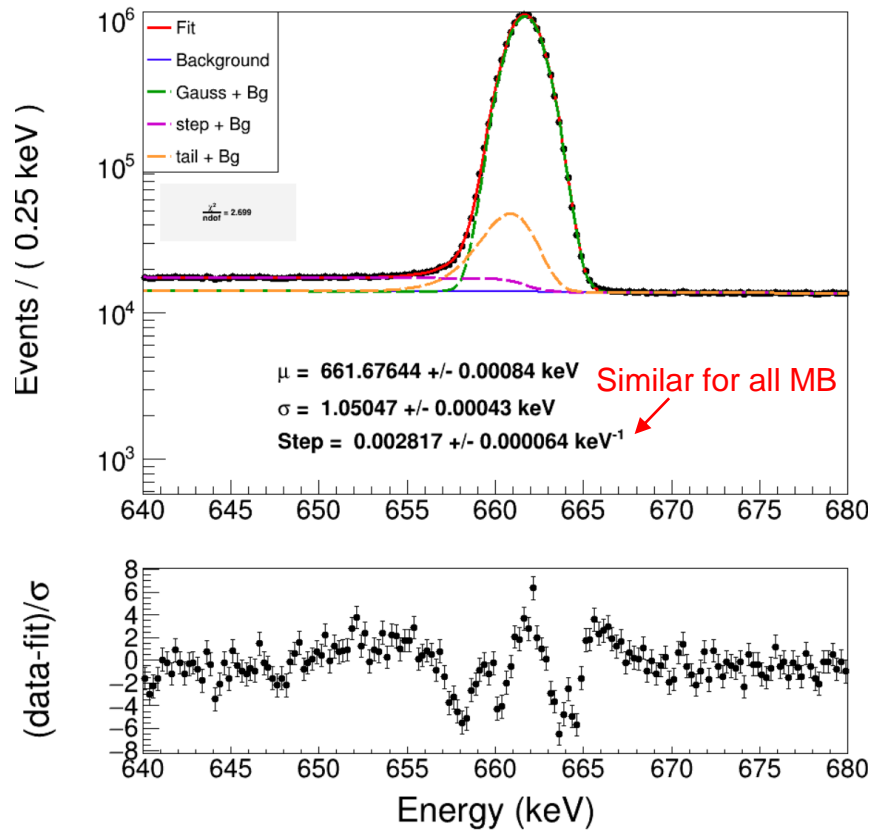


Update muX meeting 21/04

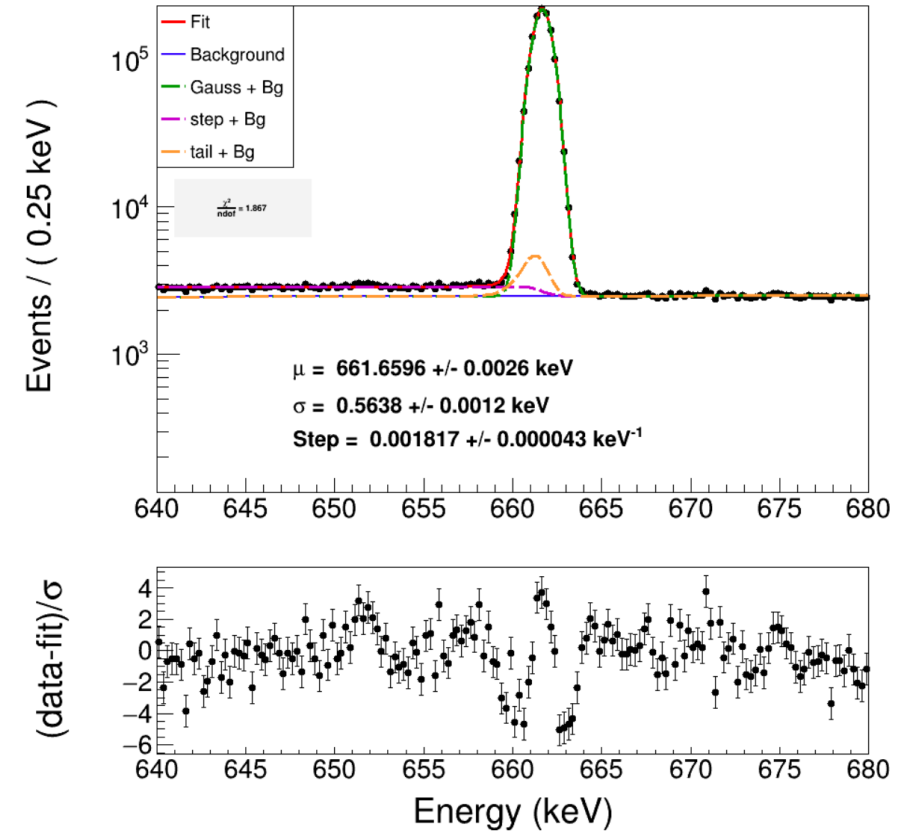
Michael Heines

Fitting with hypermet

- MB01B



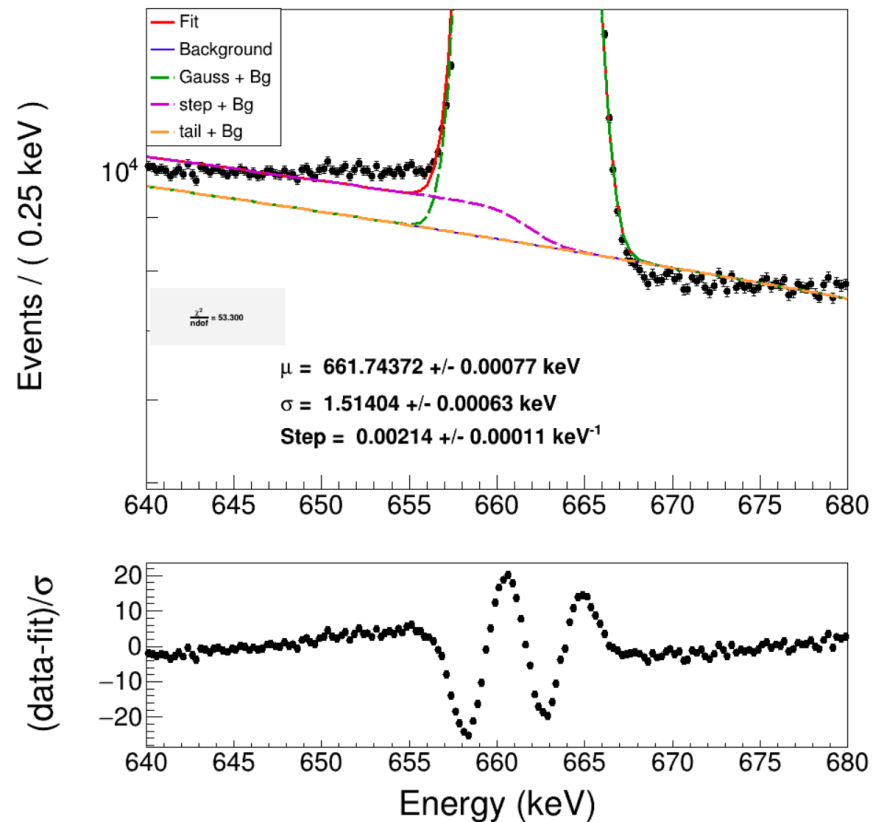
- Ge02A



The choice of a good step size

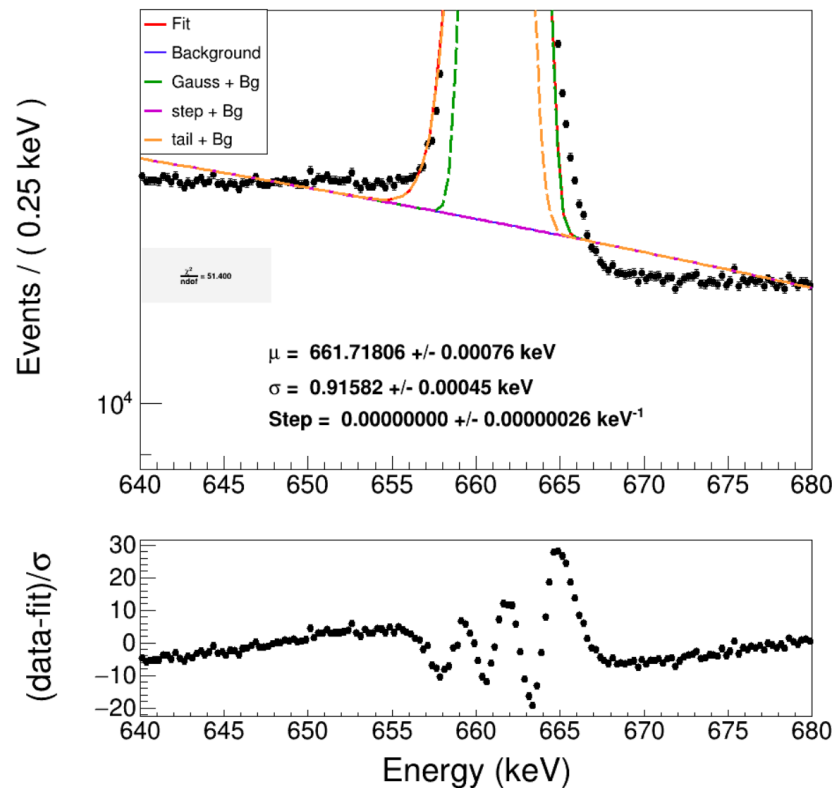
- Ge02B

- Uncertainty on position is good, but reduced chi square is not



The choice of a good step size

- Ge08



- Just a bad step, or also high-energy tail?
- Idea: First fit outside peak regime with linear + step → Fix in final fit

Step size initially seems rather constant as a function of energy → Fix all to value of 662 keV?

Energy	Step (keV ⁻¹)
662 keV	2.830(64) e-2
1173 keV	2.72(18)e-2
1332 keV	2.97(12)e-2
1460 keV	2.93(68)e-2

MB01B

What's next?

- Continue on hypermet fitting
- Still stuck with efficiency
- Implantation at iThemba

