

Hi Liliana!

Well bloody hell! I located my problem with the Z value, ironically I hadn't made this mistake in my previous attempted calibrations... but basically it is supposed to be " $a + bx + cx^2$ " for the calibration, I accidentally used my fit coefficients like " $ax^2 + bx + c$ "! I actually did try the Kr calibration settings too, see the examples below.

I'm in the process of sorting my 46Ti, but should look fine, judging from these.

I guess my one question now would be, are these A/Q values sufficiently good? They should be higher (~2.071).

I've also attached my spreadsheet using gnumeric spreadsheet, so you can open it and see what I've done in regards to the TOF and beta calibrations. If you are using Ubuntu you can get it simply using the Ubuntu Software Centre.

Something you or Michael Reese might be able to help me with is how to calibrate the scintillator positions etc. because I lose ~80-90% of events using the TPCs.

Many thanks,  
Scott

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#### File Attachments

- 1) [58Ni-Cal1-Kr.png](#), downloaded 587 times
  - 2) [58Ni-Cal1-Ni.png](#), downloaded 611 times
  - 3) [58Ni-Cal2-Kr.png](#), downloaded 587 times
  - 4) [58Ni-Cal2-Ni.png](#), downloaded 594 times
  - 5) [FRScalibration2.gnumeric](#), downloaded 233 times
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