Subject: Re: FRS Calibration Issue
Posted by SMilne on Wed, 17 Sep 2014 14:01:19 GMT
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Hi Liliana,

I was not aware Z_in was referring to Z of element of calibration. I've changed that now.

Yeah, I was using the correct magnetic fields when producing the 46Ti spectrum.

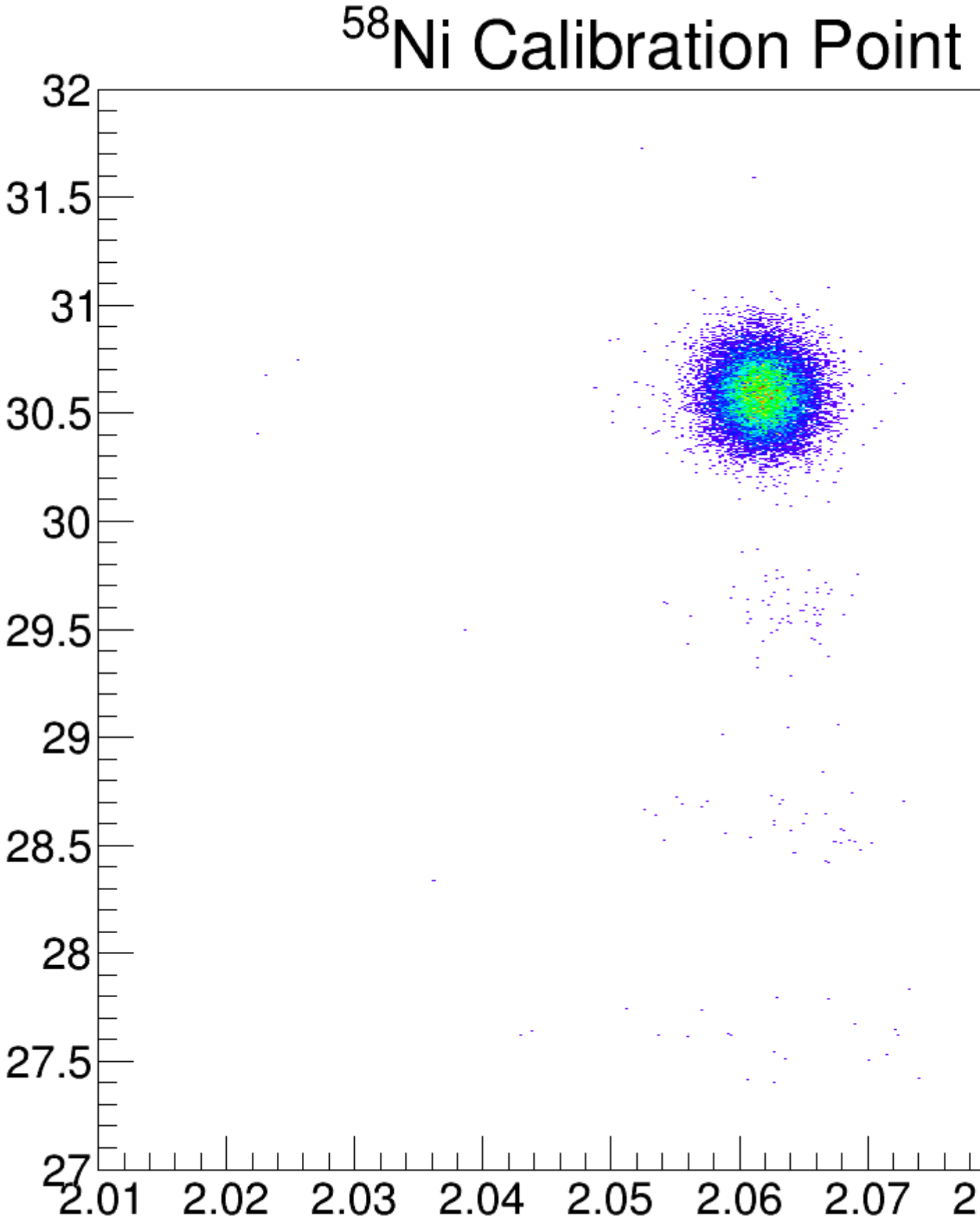
Well, I've used the correct magnetic field settings for each of the 58Ni calibration runs and as you can imagine the result is not what we want, but at least they are consistently wrong. Do you have the program gnumeric? I can show in there my calibration steps, tables and graphs.

(Also, when I refer to calibration steps 'working' by this I mean I get my measured betas and TOF values matching near perfectly to the LISE files, i.e. my measured beta values are within ~0.05% of LISE values.)

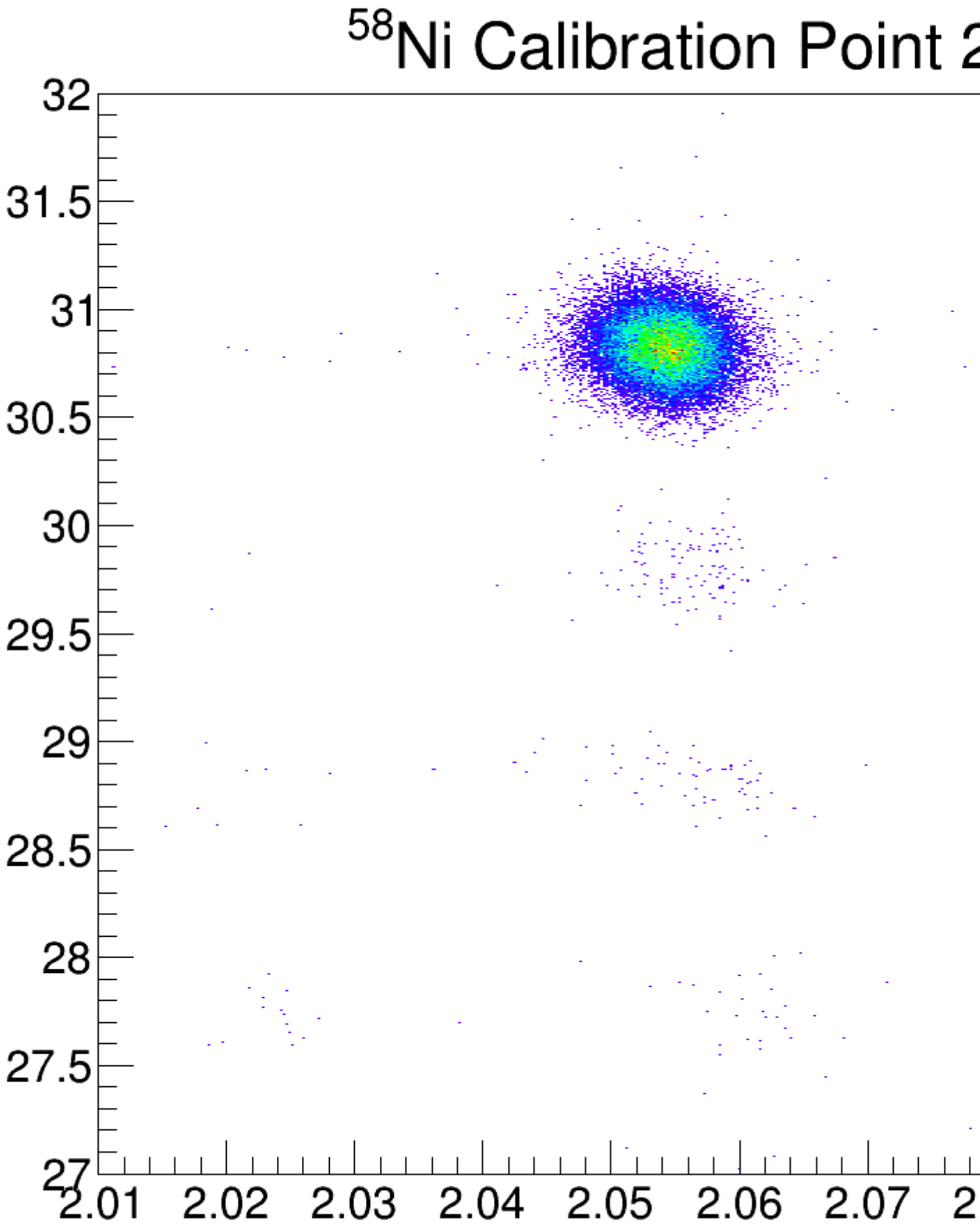
Thanks,
Scott

File Attachments

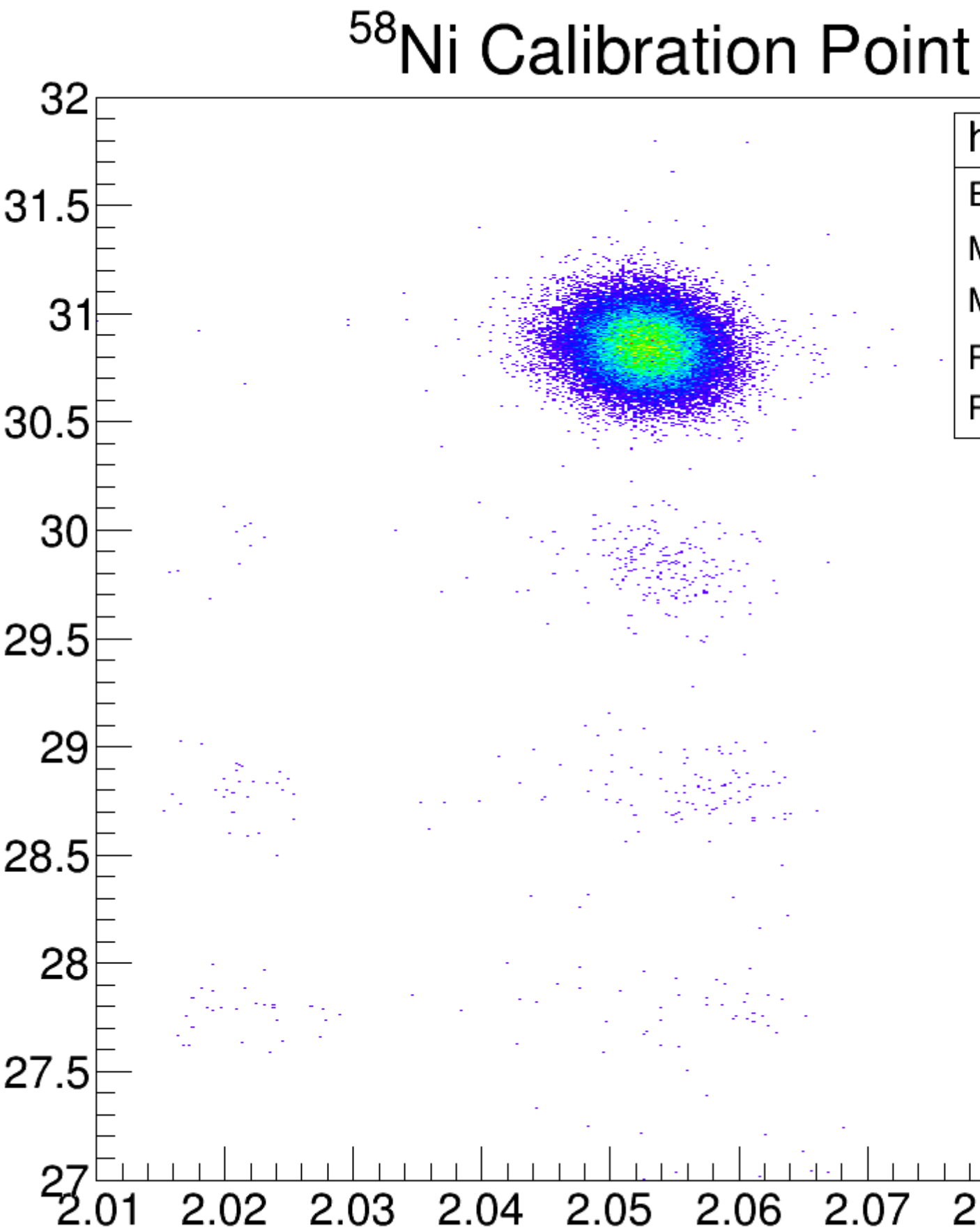
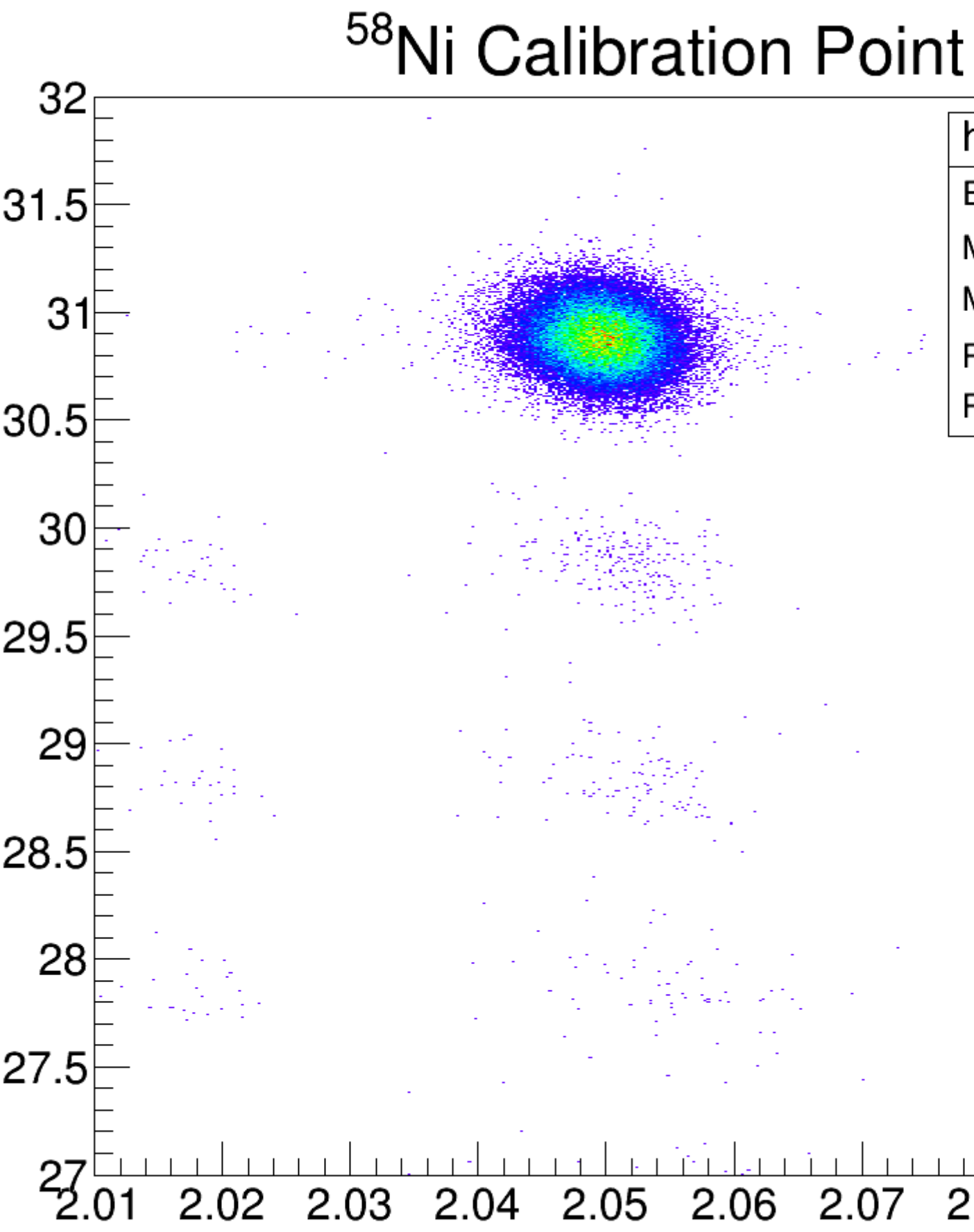
1) 58Ni-Cal1.png, downloaded 1216 times


^{58}Ni Calibration Point
32
31.5
31
30.5
30
29.5
29
28.5
28
27.5
27
2.01
2.02
2.03
2.04
2.05
2.06
2.07
2

2) 58Ni-Cal2.png, downloaded 1240 times



3) 58Ni-Cal3.png, downloaded 1234 times



4) 58Ni-Cal4.png, downloaded 1227 times