Subject: Re: FRS Calibration Issue
Posted by SMilne on Thu, 26 Feb 2015 00:12:46 GMT
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Hi Liliana!

No worries, it is easily done!

Maybe for once I bring you good news. I had to re-do the ToF calibrations using the beam runs instead, since the 58Ni calibration were not quite right, which may have had something to do with them having negative ToF values.

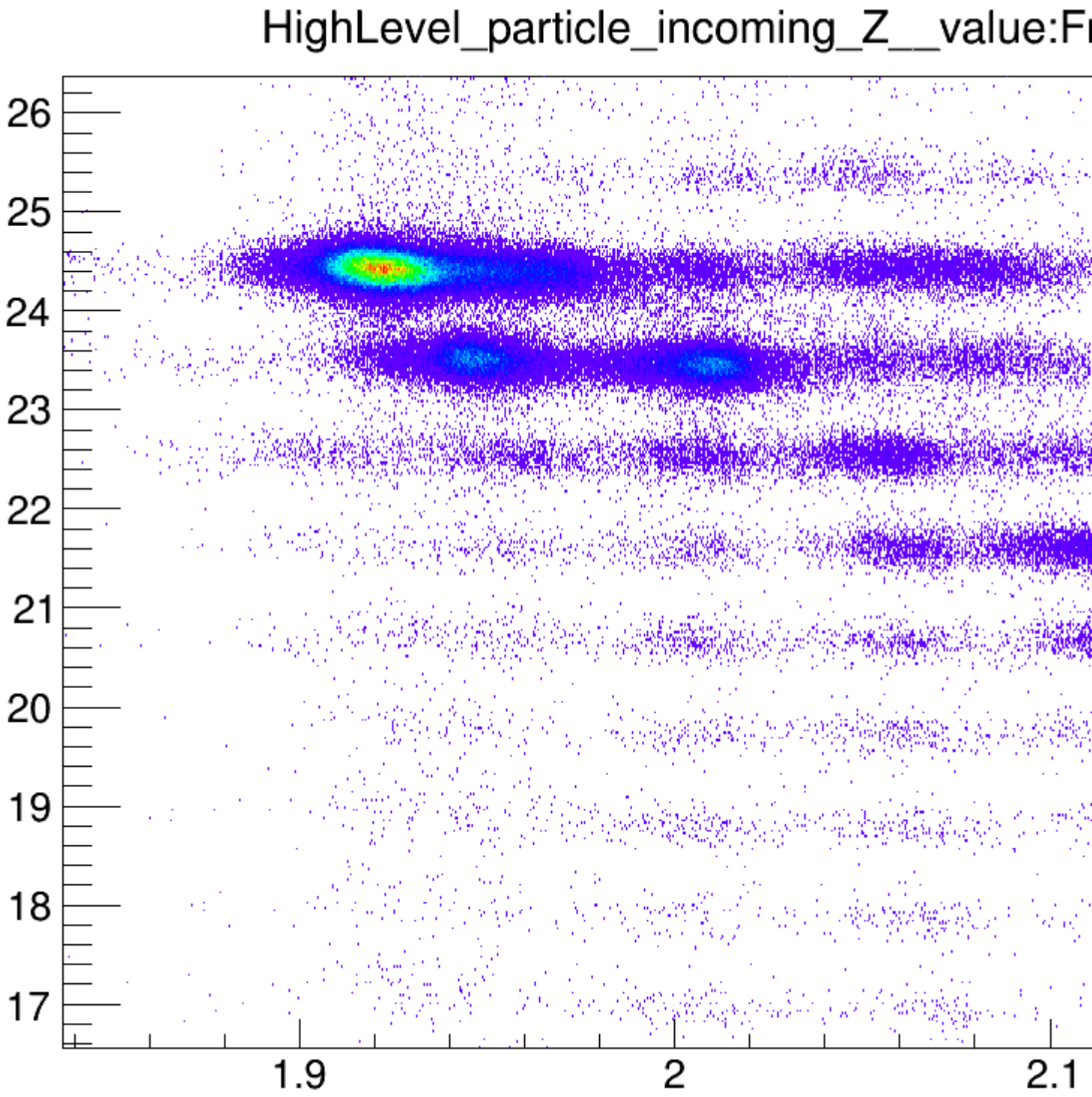
Anyways, I've attached my resulting Frs Ids for 46Cr (using either the scintillators or TPCs and using the MhTDCs) as well as the Frs Id (using the TPCs and TDCs). They are looking much better and the 'repeated Id plot' using the scintillators seems to have disappeared. I know the separation between 46Cr and 47Cr is not great using the scintillator, but it is what it is, I can also play around with using the TPCs at S4, where the rate should not be so bad. I will also probably have to adjust my time gates slightly to remove the slight horizontal lines across the Frs Id plot. Anyways, if I encounter any more issues I'll let you know.

Thanks again for all your help, I really appreciate the time you've spent helping me with all these issues!

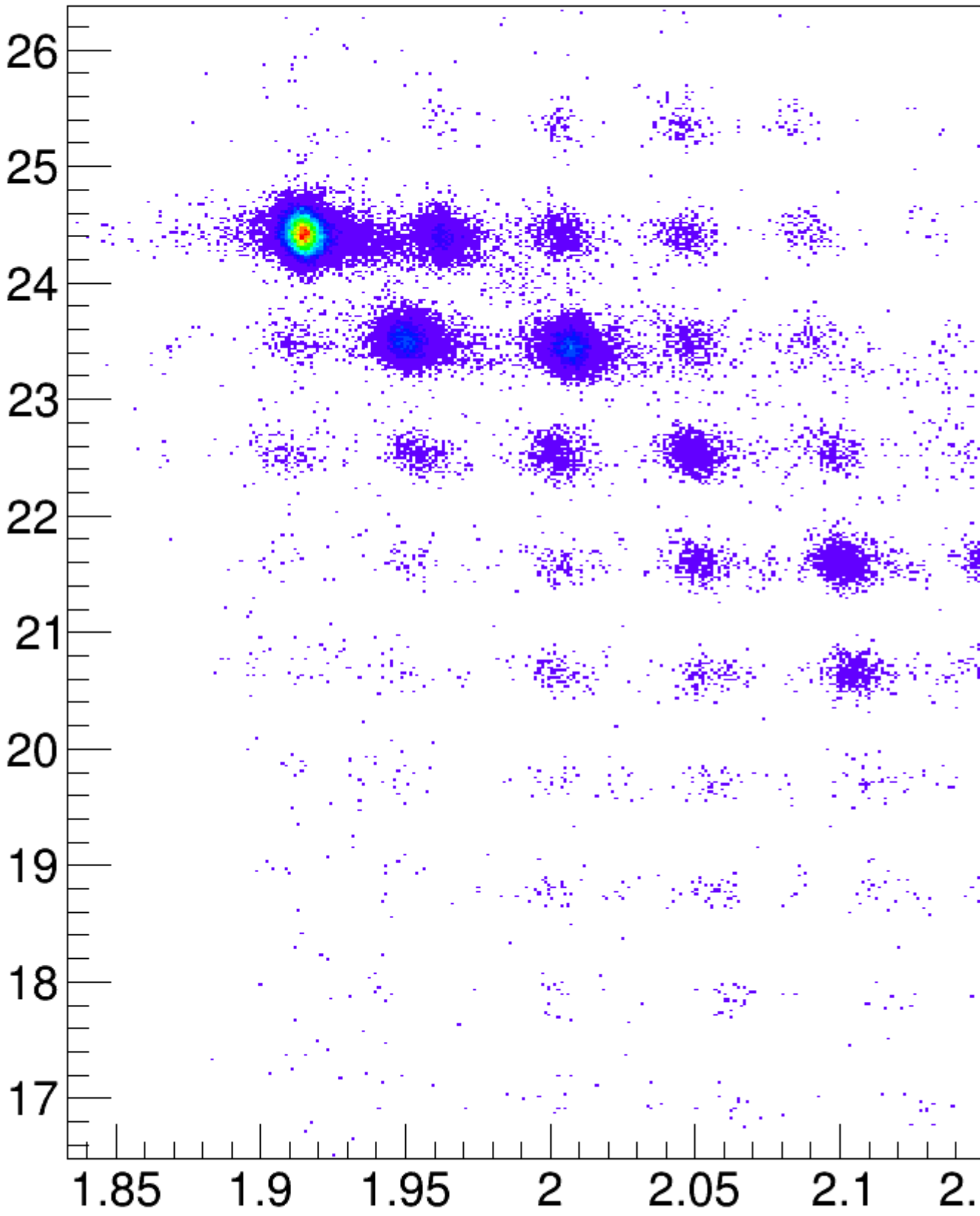
Best regards,
Scott

File Attachments

1) 46Cr-FRS-MhTDC2.png, downloaded 1042 times



2) 46Cr-FRS-MhTDC.png, downloaded 1118 times


HighLevel_particle_incoming_Z__value:HighLevel_particle_inc
26
25
24
23
22
21
20
19
18
17
1.85
1.9
1.95
2
2.05
2.1
2.

3) 46Cr-FRS-TDC2.png, downloaded 1037 times

