Subject: Re: FRS Calibration Issue
Posted by SMilne on Wed, 17 Sep 2014 12:22:07 GMT
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Hi again,

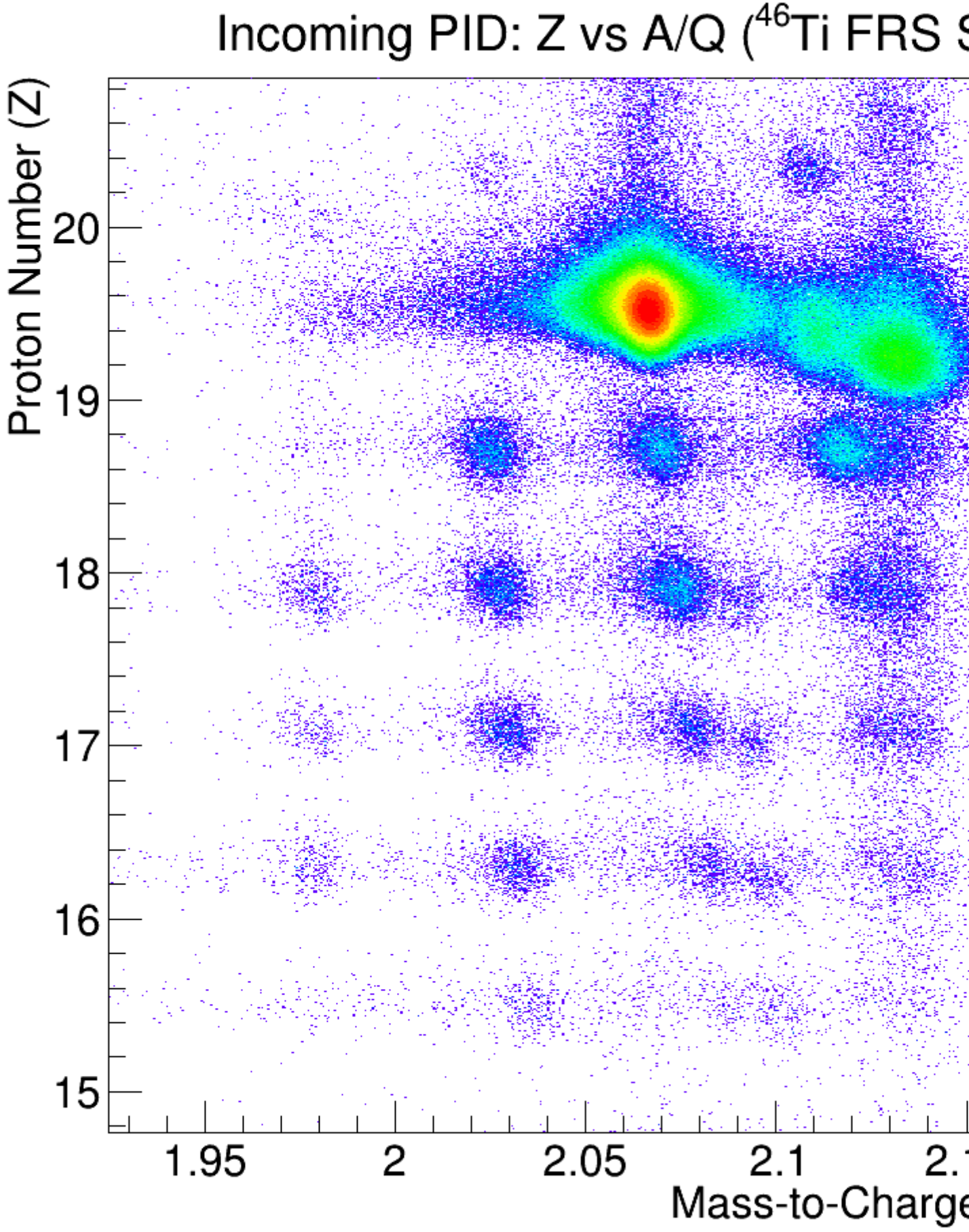
Sorry I have been away for several weeks and only just got back and round to trying these calibrations again. I used the four 58Ni calibration runs for the effective matter, which I made LISE files for. After completing all the FRS calibrations again without any issues (everything matched nearly 100% perfectly with LISE files), I then decided to see how my FRS PID looked for 46Ti with these new calibration settings (and using 'Z_in 22' in the FrsId.par file).

The result is below. I'm still not convinced, maybe I am being naive but I had expected the nuclei to be in the correct place, i.e. for 46Ti, Z=22 and A/Q=2.09. In addition, I don't know what is causing some 'blobs' to look slightly double, my TPC mask calibrations worked perfectly, so don't know what the problem there is. Perhaps my PID is fine and there are some offsets I need to use to simply put it in the right place?

One positive though, at least my PID is not twisted now.

File Attachments

1) FRS-PID-46Ti.png, downloaded 1606 times


Incoming PID: Z vs A/Q (^{46}Ti FRS S
Proton Number (Z)
20
19
18
17
16
15
1.95
2
2.05
2.1
Mass-to-Charge