Subject: Re: FRS Calibration Issue
Posted by SMilne on Fri, 16 Jan 2015 18:35:13 GMT
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Hi Liliana!

Ahh, I see. Could you please explain how I can change to using MhTDC instead of TAC, I couldn't work it out.

As for your other suggestions:
- I plotted AoQ vs S4 position and do indeed get straight lines (see attached)
- I performed the cut you suggested and applied it to the FRS PID (using scintillators), it does appear to clean it up nicely though it does reduce it by quite a few statistics, I'll need to investigate next week just exactly how many of them statistics are from the 46Ti 'blob', my cut was quite rough though. I put in the FRS PID (using the TPCs) for a comparison, there is a factor of ~3.5 less stats in the PID compared to using scintillators (+cut on S4 position vs dt left-right).
- Finally I've plotted all the energy losses vs position for the four 58Ni calibration runs, there is possibly a slight dependence.

Thanks again, have a nice weekend!
Scott

## File Attachments

1) FRS-PID.zip, downloaded 517 times