

So something is not happy. Unstable & too noisy.
Try run @ 838

13:50 run 1868 U3 really this time (2)
target @ 838
getting 160 - 300 K / spill, incoherently 7×10^{10}
end 14:00 30M events

oh all events rejected alas.

Why is U3 different from U4?

put in U4 to current set and take some data
200K $\pm$ 50K / spill still too huge variation

14:20 Run 1869 7×10^{10} still @ 838. still really U3
doesn't help. using U4 file doesn't help. Still no analysis.

well try U4 really, & with target @ 803

Run 1870 @ 803 30K } [work 160K a few hours ago]
808 130K }
813 50K } during 7×10^{10}
810 100K } 1st 3rd of run
808 120K }

and U4 still happy! -30.5 ± 2.3 $\chi^2 2.57$

~~15:15 Run 1871 timing scan on USER 3~~
~~SB~~

16:45 RUN 1871 timing scan on USER 3
SB (just for confirmation)

Timing seems OK, but bunch/beam is jumping around
(i.e. routine scan in bunch 0, 1, 2)

Otherwise everything ready for $G_F = 41.5$ measurement!