



Tracker to Solenoid Alignment



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- Night shift night of Monday 21st September
 - 7363, 40 minutes of pion running
 - 7364, stopped when bad TKD was observed; tracker reconfigured
 - 7367-7370, **240** MeV/c pions running
- Night shift night of Tuesday 22nd September
 - 7376 00:40 – 02:40
 - 140 MeV/c muons
 - 7377 03:25 – 04:55
 - 140 MeV/c muons
 - SSU M1 was observed to be ramping
 - Currents from archiver on next slide
 - Comment: M1 is furthest from ECE, so it might not matter too much



search

MICE-SSU-TRIM-02:IMAG

Start 09/22/2015 22:00:00.000

End now

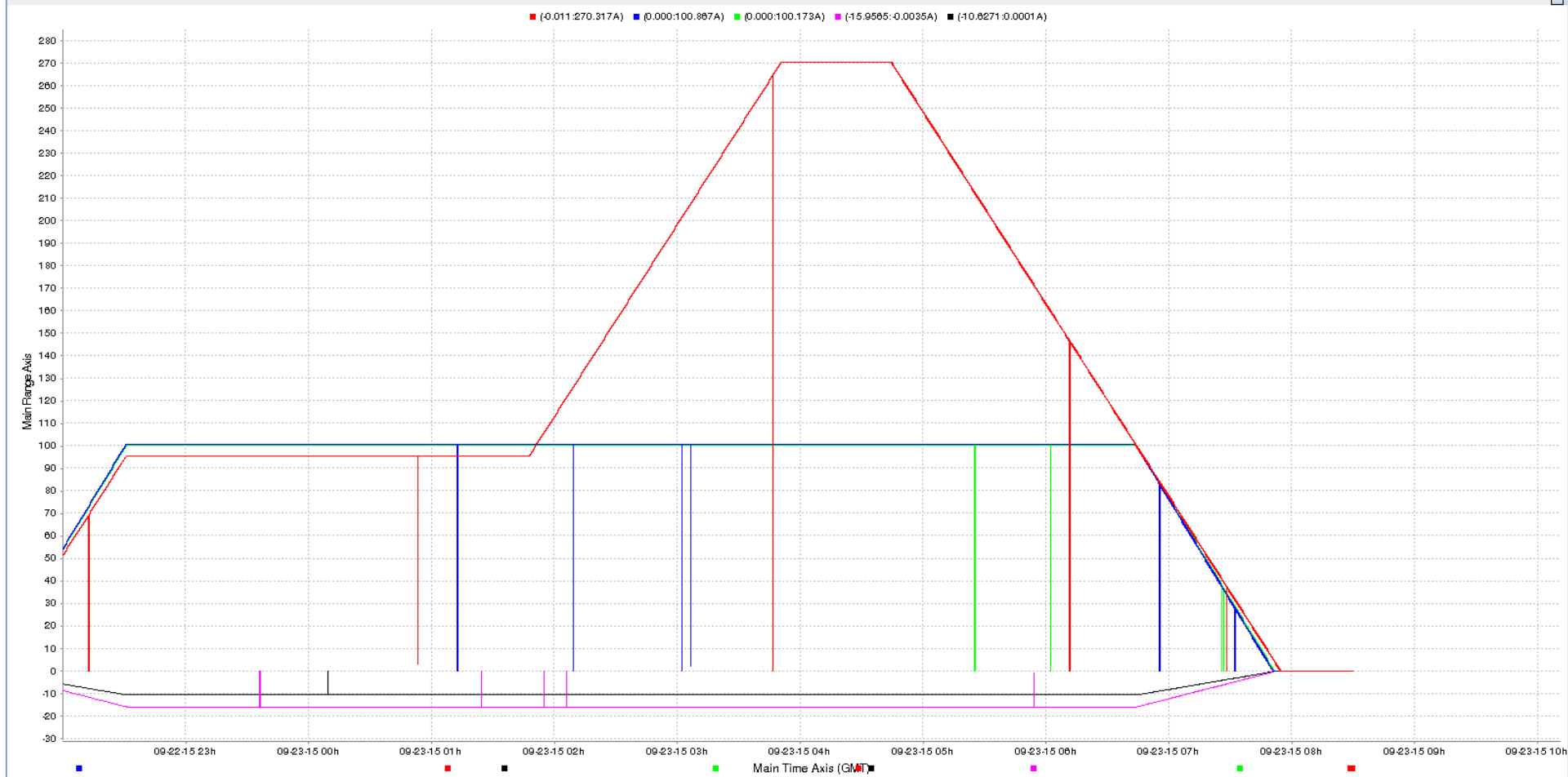
new formula add remove clear

MICE-SSU-MATCH-01:IMAG
 MICE-SSU-MATCH-02:IMAG
 MICE-SSU-CNTR-01:IMAG
 MICE-SSU-TRIM-01:IMAG
 MICE-SSU-TRIM-02:IMAG

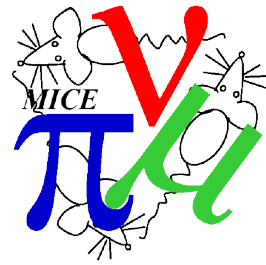


Main Range Axis
 Max
 Min
 Type normal left
 Keep Ranges
 Plot

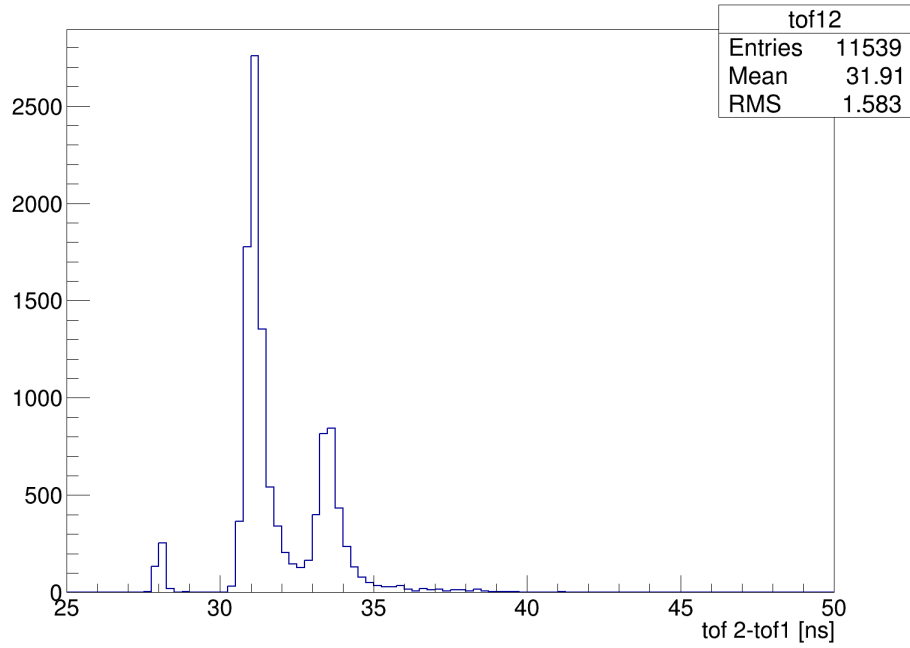
JFreeChart For Time Plots

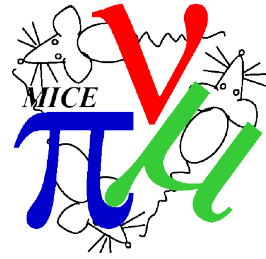
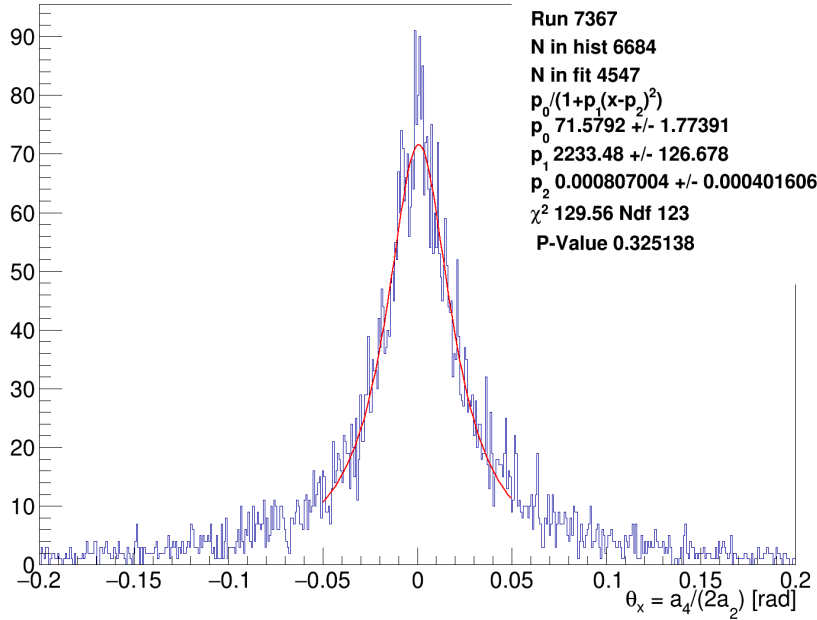
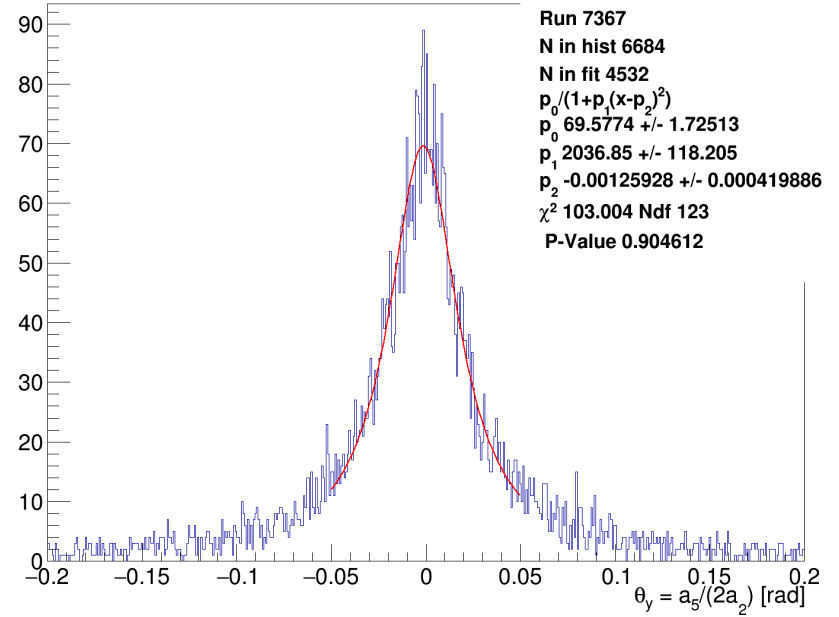


7367

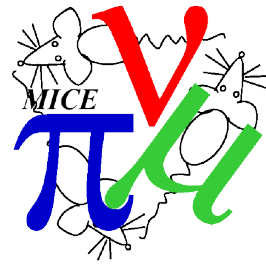


TOF between 1 and 2

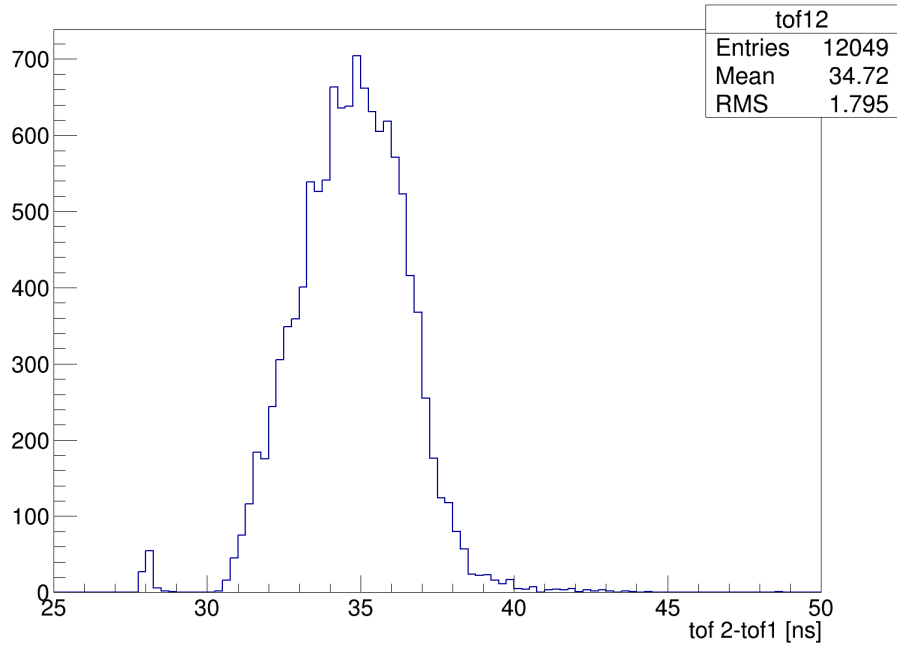


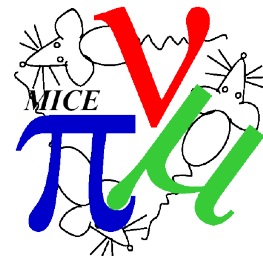
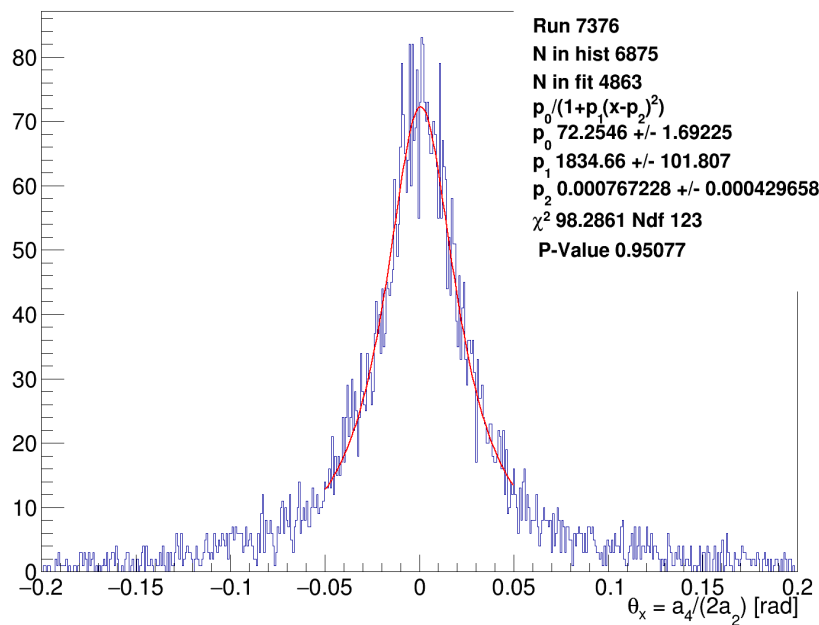
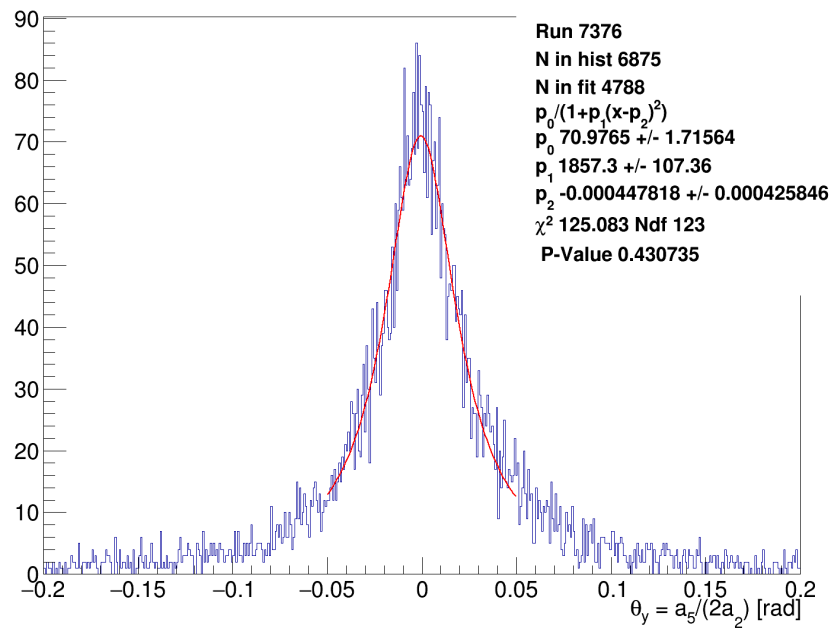
TKU θ_x TKU θ_y 

7376

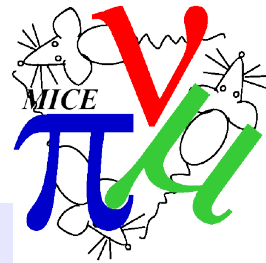


TOF between 1 and 2



TKU θ_x TKU θ_y 

TKU Summary



run	θ_x [mrad]	Err(θ_x) [mrad]	θ_y [mrad]	Err(θ_x) [mrad]
7363	-2.43	0.99	-1.76	0.85
7364	-1.94	11.49	-3.36	10.93
7367	0.81	0.4	-1.26	0.42
7368	-0.36	0.79	-3.28	0.78
7369	0.16	0.42	-1.29	0.39
7370	0.68	0.45	-1.04	0.47
7371	0.74	14.56	-1.36	15.51
7372	2.02	1.1	-3.01	1.02
7373	1.19	0.88	-3.16	0.99
7374	-9.29	35.27	-8.18	197445
7375	-2.4	20.82	18.83	100.09
7376	0.77	0.43	-0.45	0.43
7377	1.62	0.91	1.26	1.27

- Different angle in theta y - points to systematic effect