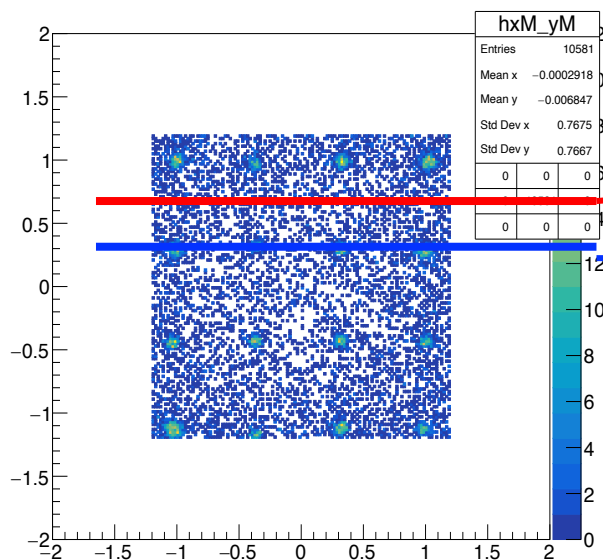


A $n+1^{\text{th}}$ look at the test beam data or do we see what we expect ?

18/10/2024

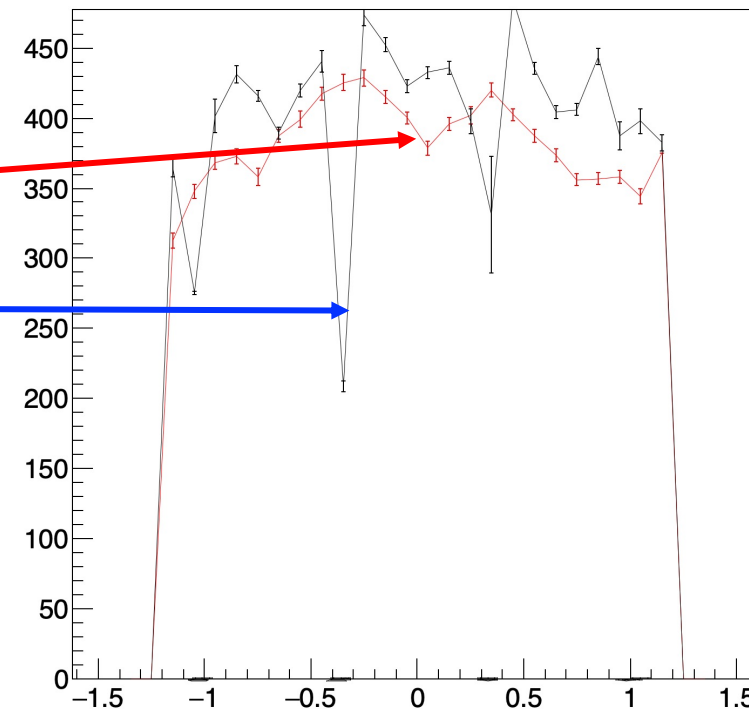
General requirements :

- v3 processing
- general cuts : `("(muonType==20&&eventType==4)&&hitTotCor<1500 &&diffTrack2<1") ;`
- `muonType==20` (crosses all GRAINITA)
- Use the 16 uniformity parameters from Herve
- if needed correct for the bad SiBB settings



$$y = +0.7$$

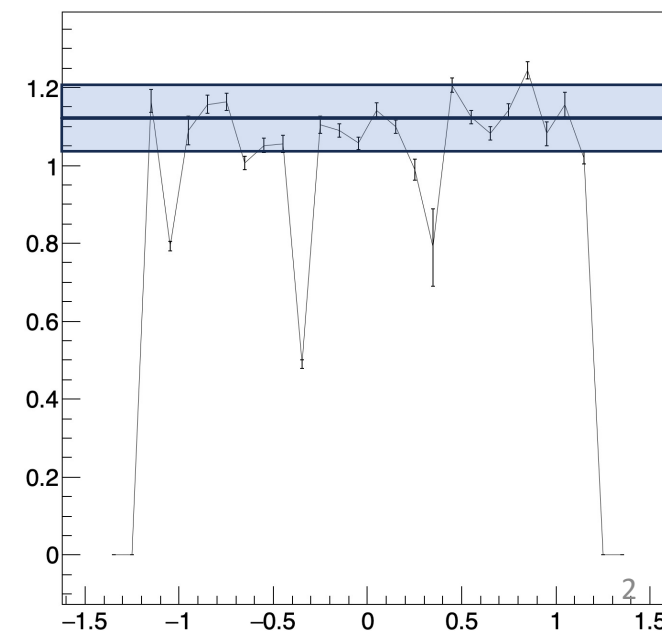
$$y = 0.5*(y(\text{Fib4}) + y(\text{Fib7}))$$

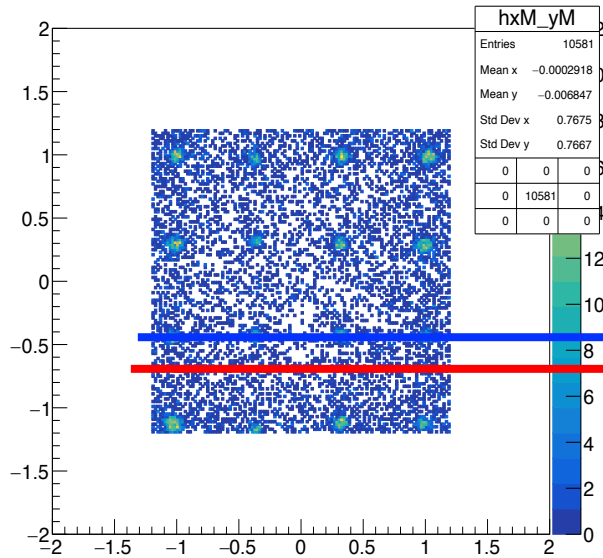


disks of $R = .5 \text{ mm}$, $X_{\text{centers}} = -1.35 + i*.1$

Fit Landau(X)Gauss

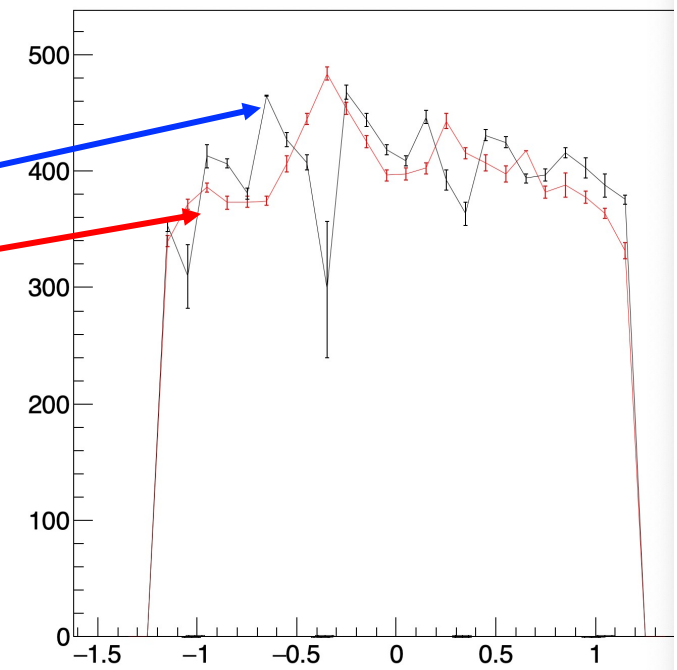
ratio





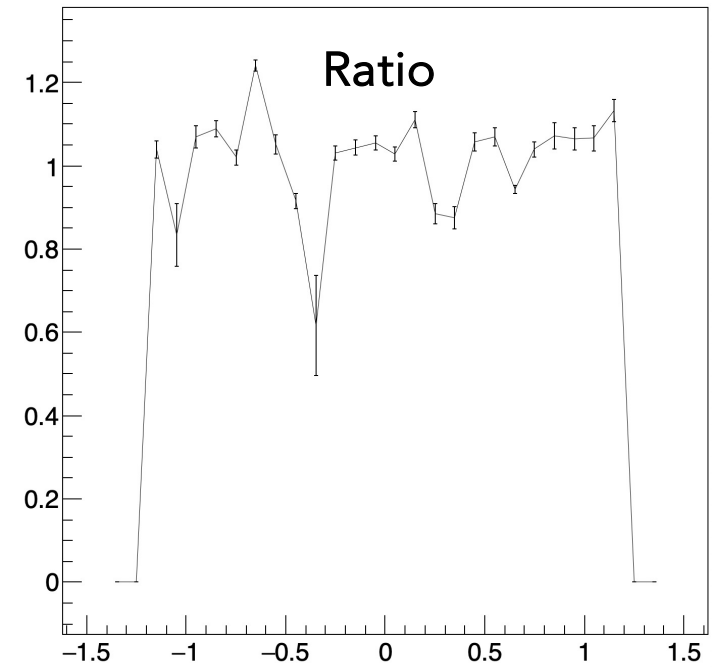
$$y = 0.5*(y(\text{Fib8}) + y(\text{Fib11}))$$

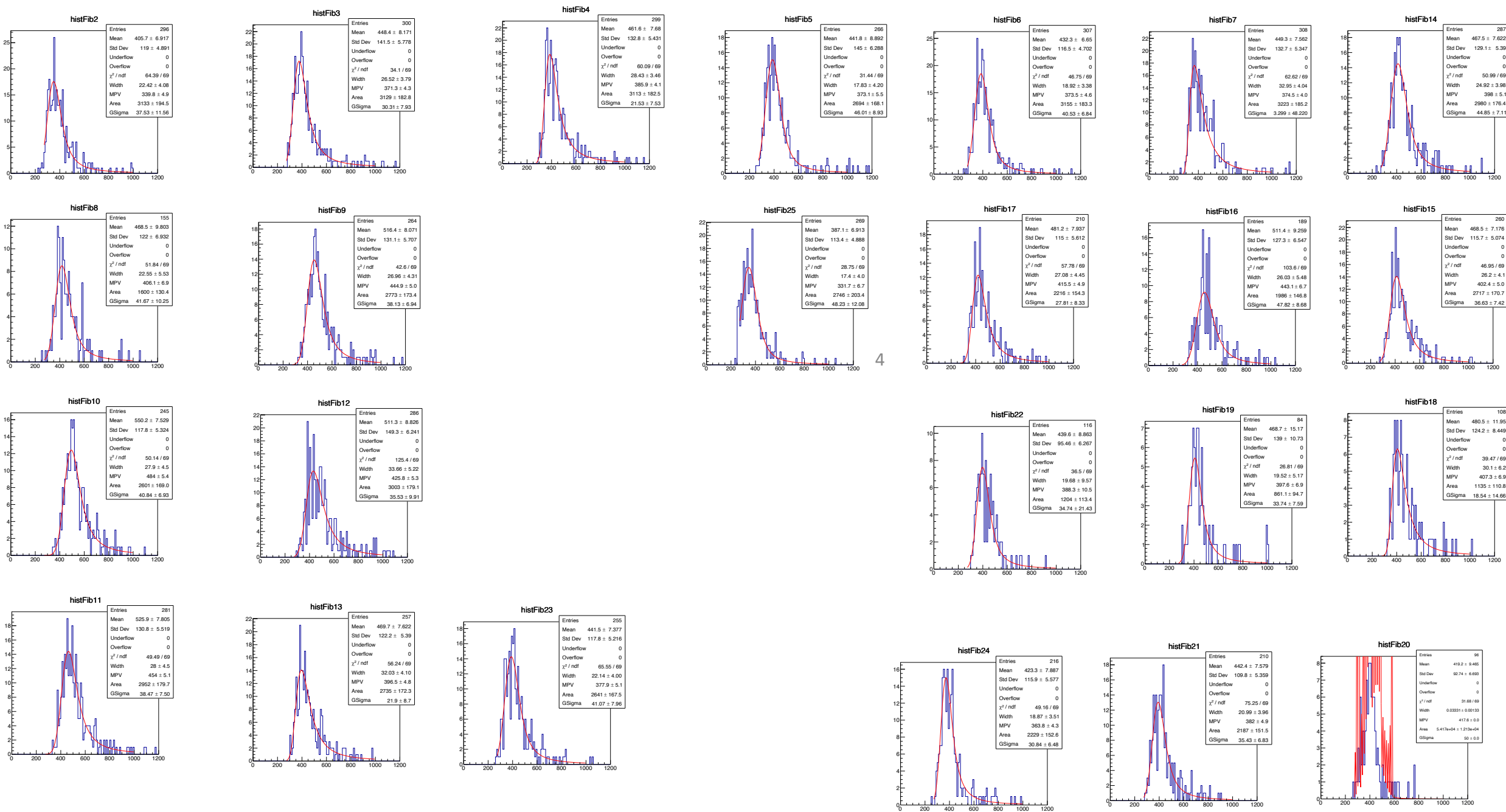
$$y = -0.7$$



disks of $R = .5 \text{ mm}$, $X_{\text{centers}} = -1.35 + i*.1$

Fit Landau(X)Gauss





Decent fits. NB title indicates the number of the scan (not the fiber)

Back-up slides

Run#	Troll Type	Data type	Comment	Dark
11	Troll1 Water	LED + pedestal ?		118 – Event Type = 4 LED reste pedestal ?
24	Troll1 Water	LED-only		Event Type = 4 LED
25,30,31,32	Troll1 Water	Electron		~120 – 130
33,34	Troll1 Water	Muon		~130
35,36,37,38,39,40	Troll1 Water	Pion.	changes in position of GRAiNITA ... Beam changes	~130
41,42,43	Troll1 Water	Pion	With 3x3 in the trigger (Samedi soir S, MH)	~140
44,45	Troll1 Water	Pion	No 3x3 in trigger. Dimanche matin... (Giulia & co)	~130
47	Troll1 Water	Pedestal		~ 119
48	Troll1 Water	LED		118 .
50,51	Troll1 Water	Pion	Trigger 5x5	~130
52	Troll2 Heavy L	LED	Degraded SiBB	203. SiBB pb from here
53,54,55	Troll2 Heavy L	Pion	Trigger 5x5 Degraded SiBB	210
56	Troll1 Heavy L	LED+pedestal	Degraded SiBB	Bizarre du beam ???
57,58	Troll1 Heavy L	Pion	Trigger 5x5 Degraded SiBB	180 ?
59,60	Troll1 Heavy L	Muon	Degraded SiBB	211
61	Troll1 Heavy L	LED	Degraded SiBB	204 eventType = 4 = LED
62 03/10/2024	Troll1 Heavy L	LED	Normal SiBB	125 eventType = 4 = LED 6