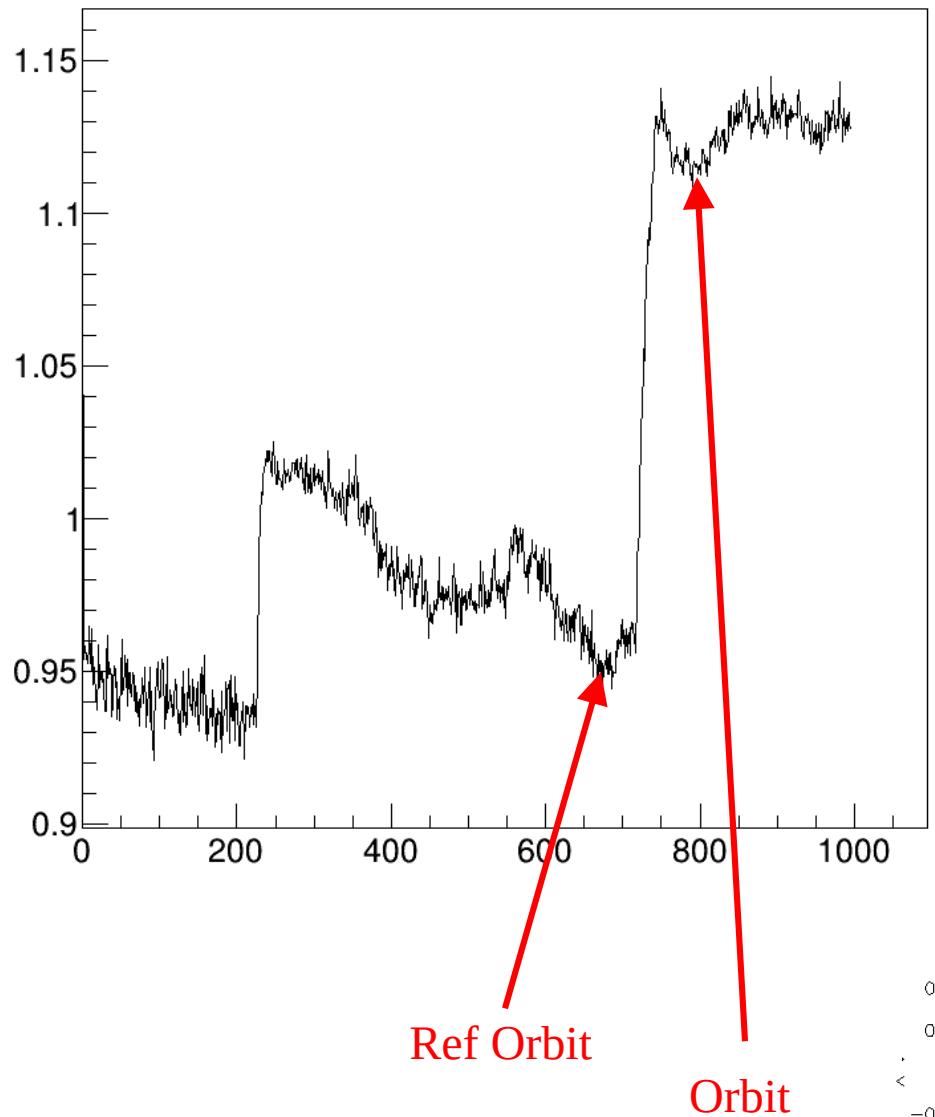


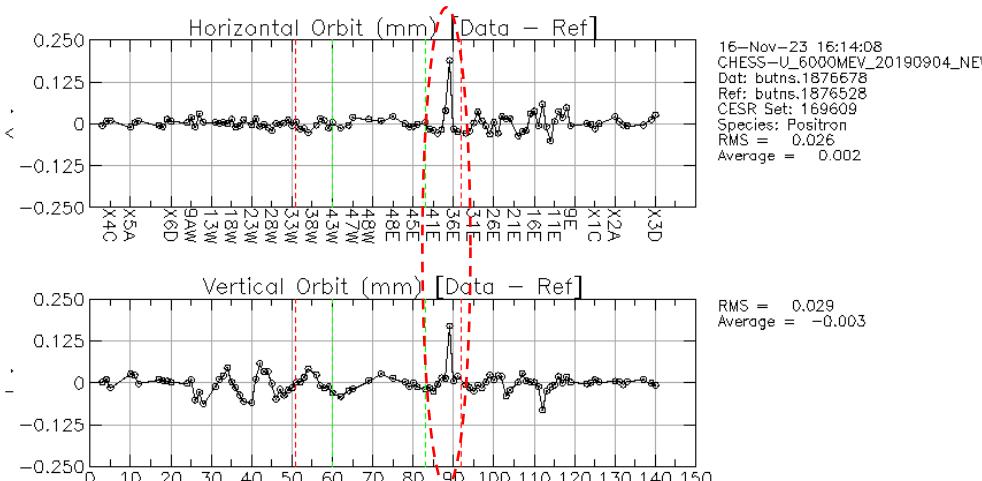
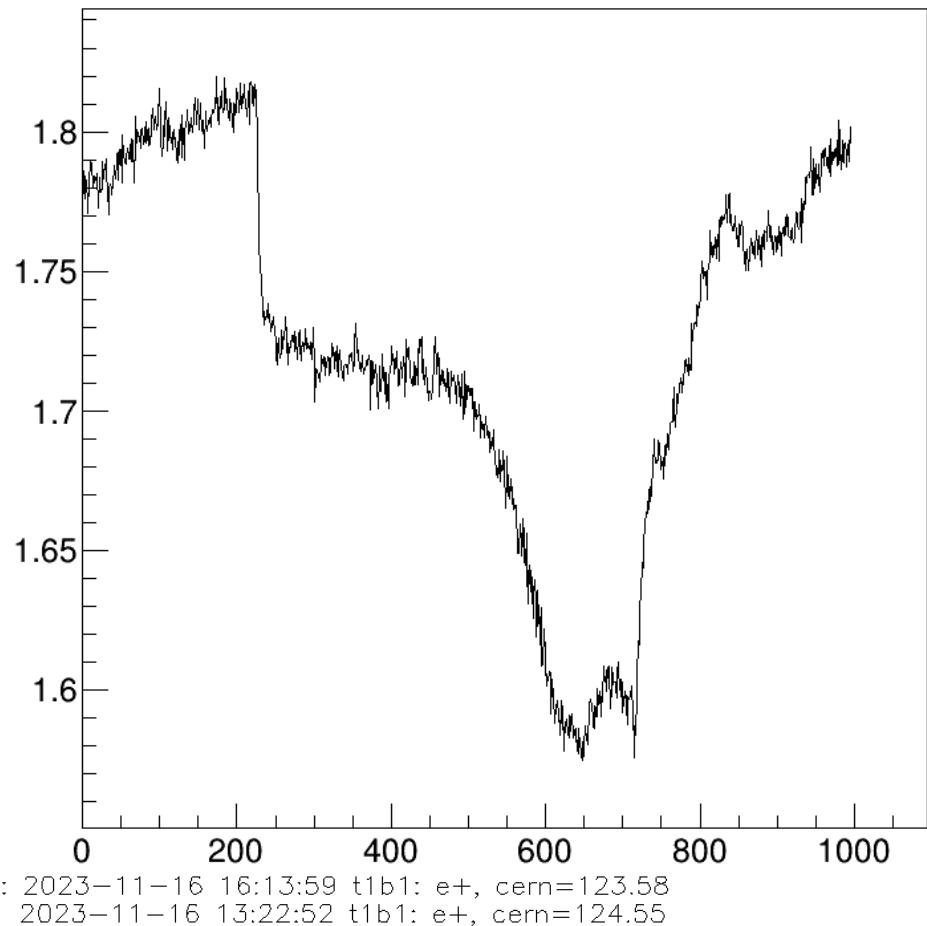
Drifting Coordinates and excluded BPMs from orbit history analyses

Horiz coord vs orbit nr BPm:62, 37E, 1875828-1876828.gif

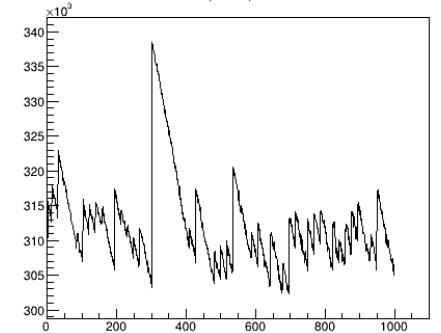
Vert coord vs orbit nr BPm:62, 37E, 1875828-1876828.gif



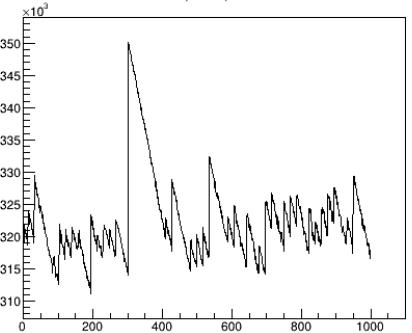
Maybe a real (chamber) move ?



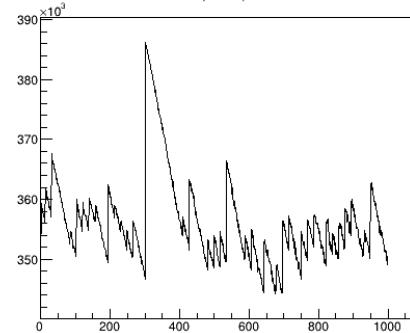
Button:1 BPM:62, 37E, 1875828-1876828



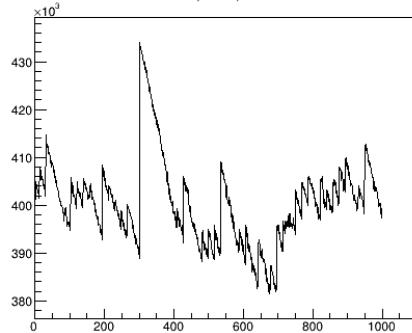
Button:2 BPM:62, 37E, 1875828-1876828



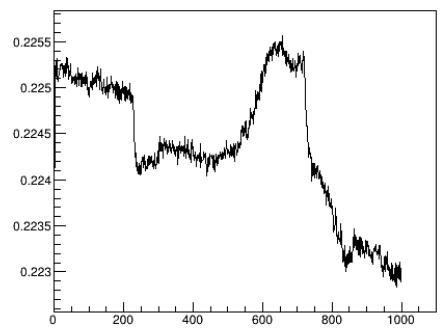
Button:3 BPM:62, 37E, 1875828-1876828



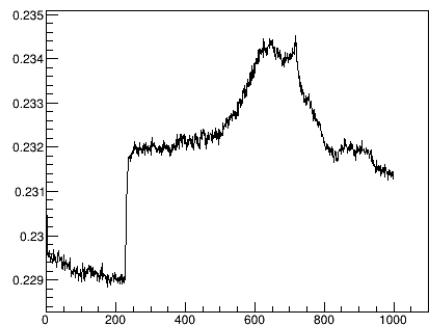
Button:4 BPM:62, 37E, 1875828-1876828



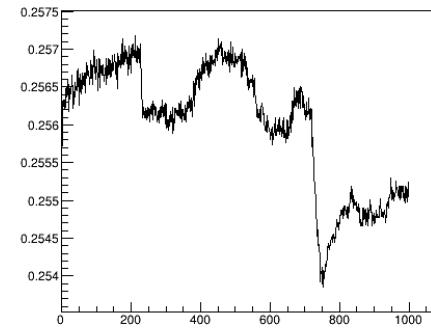
Button:1/sum BPM:62, 37E, 1875828-1876828



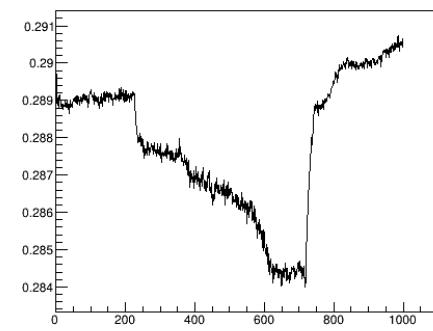
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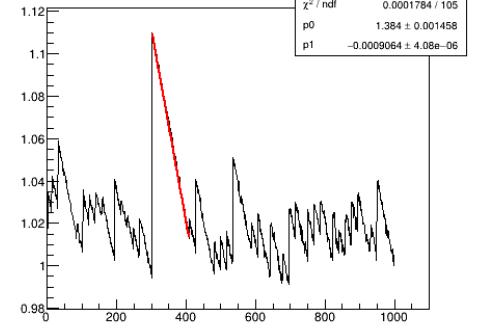
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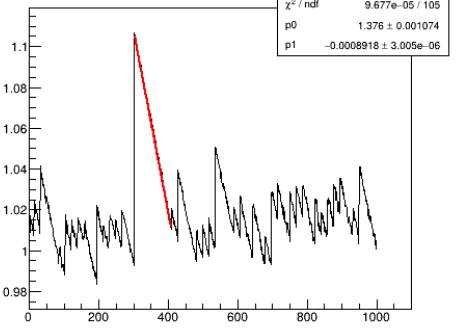
Button:4/sum BPM:62, 37E, 1875828-1876828



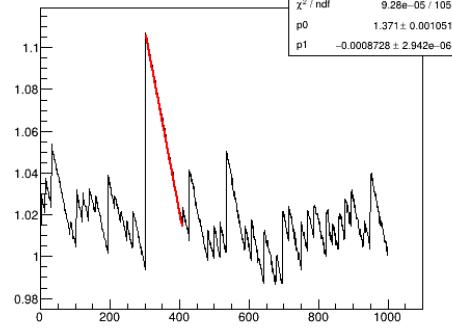
Button:1/Button:1(0) BPM:62, 37E, 1875828-1876828



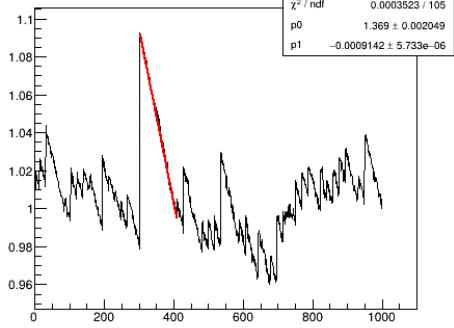
Button:2/Button:2(0) BPM:62, 37E, 1875828-1876828



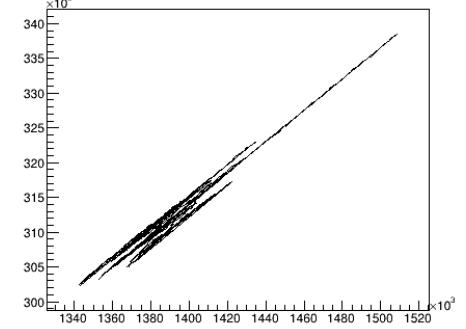
Button:3/Button:3(0) BPM:62, 37E, 1875828-1876828



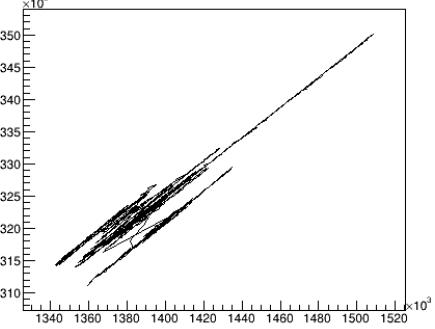
Button:4/Button:4(0) BPM:62, 37E, 1875828-1876828



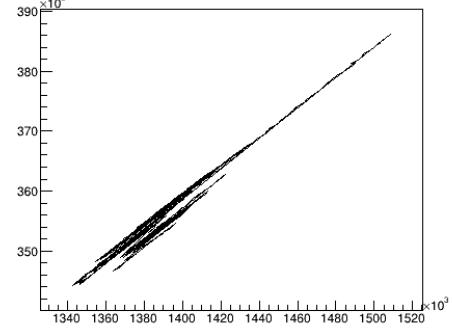
Button:1 vs but_sum BPM:62, 37E, 1875828-1876828



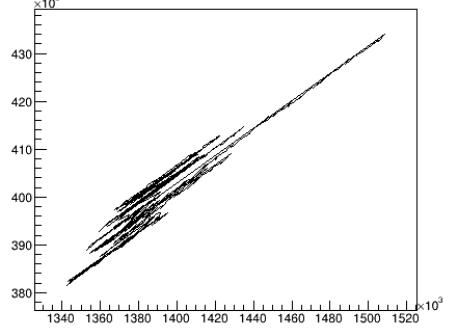
Button:2 vs but_sum BPM:62, 37E, 1875828-1876828



Button:3 vs but_sum BPM:62, 37E, 1875828-1876828

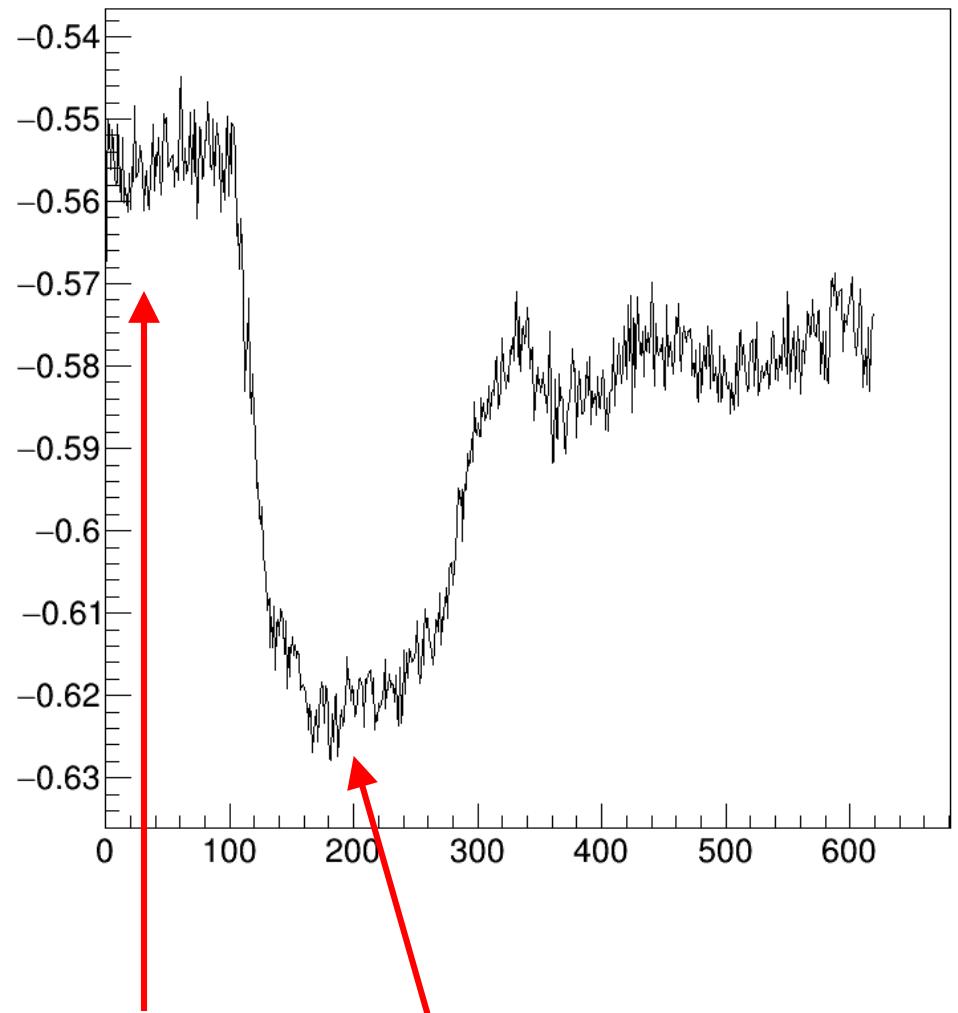


Button:4 vs but_sum BPM:62, 37E, 1875828-1876828



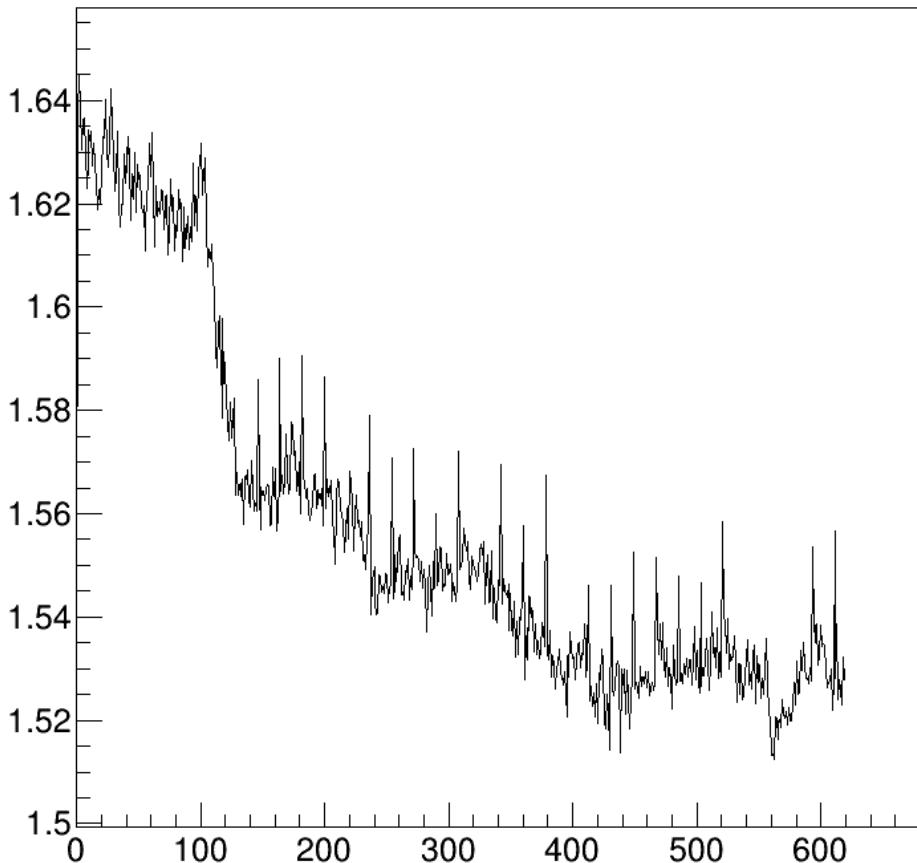
Horiz coord vs orbit nr BPm:41, 41W, 1876828-1877450.gif

Vert coord vs orbit nr BPm:41, 41W, 1876828-1877450.gif

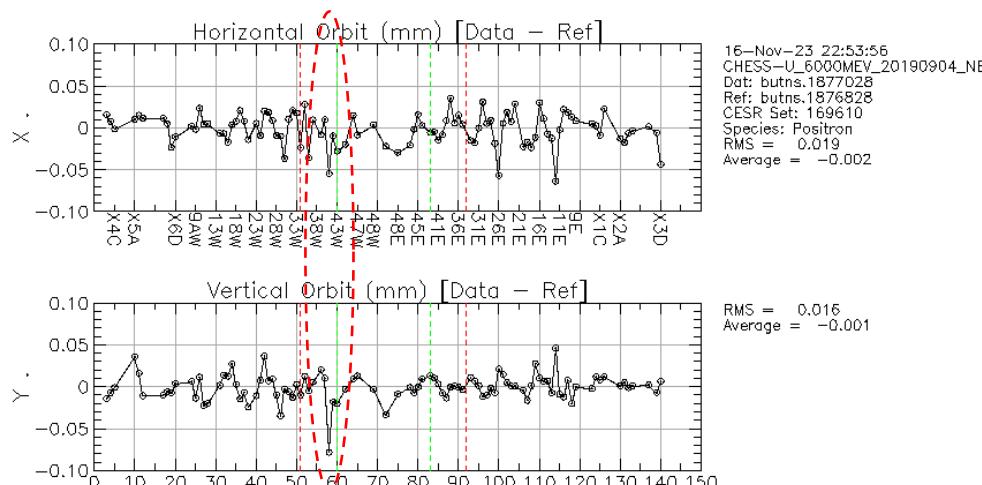


Ref Orbit

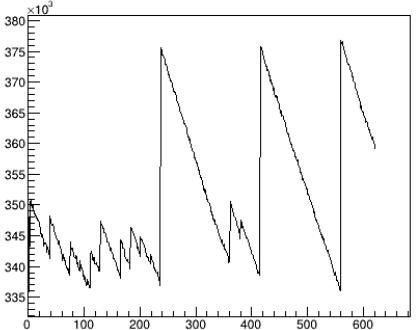
Orbit

Maybe a real (chamber) move ?

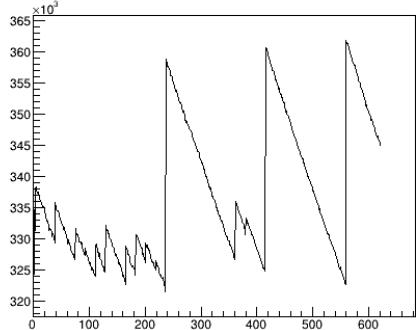
Data: 2023-11-16 22:53:48 t1b1: e+, cern=125.12
Ref: 2023-11-16 19:05:40 t1b1: e+, cern=122.50



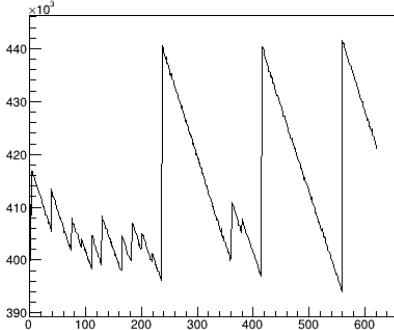
Button:1 BPM:41, 41W, 1876828-1877450



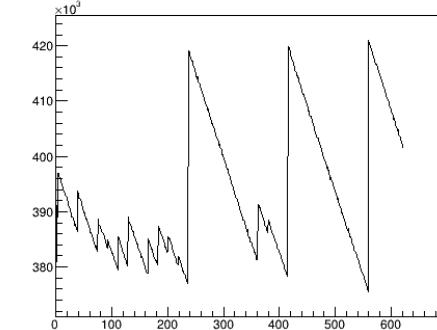
Button:2 BPM:41, 41W, 1876828-1877450



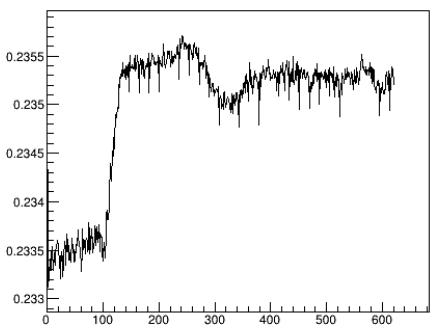
Button:3 BPM:41, 41W, 1876828-1877450



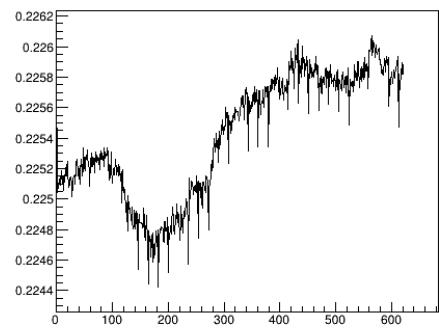
Button:4 BPM:41, 41W, 1876828-1877450



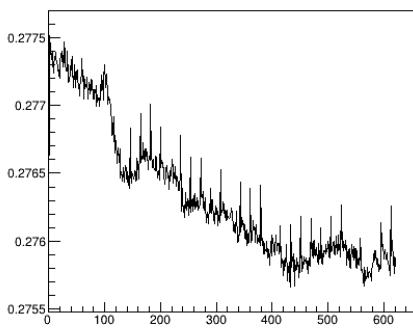
Button:1/sum BPM:41, 41W, 1876828-1877450



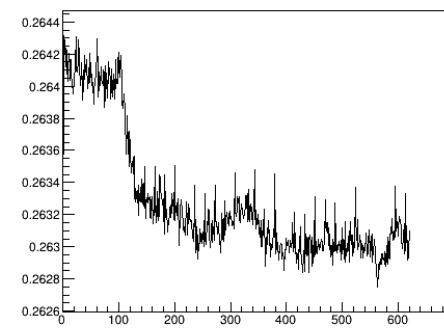
Button:2/sum BPM:41, 41W, 1876828-1877450



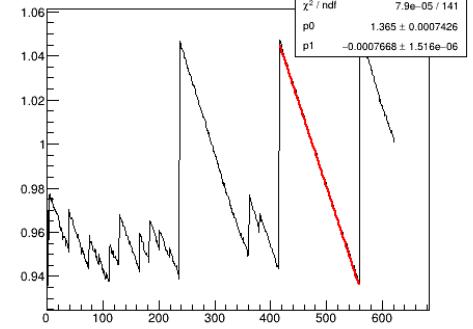
Button:3/sum BPM:41, 41W, 1876828-1877450



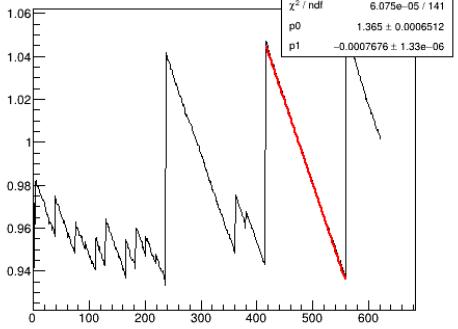
Button:4/sum BPM:41, 41W, 1876828-1877450



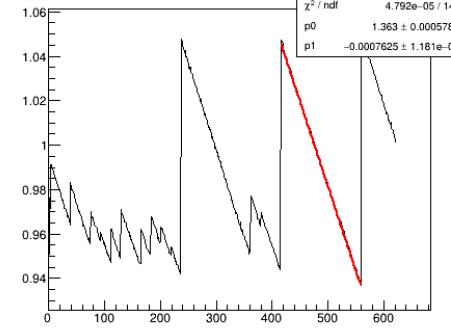
Button:1/Button:1(0) BPM:41, 41W, 1876828-1877450



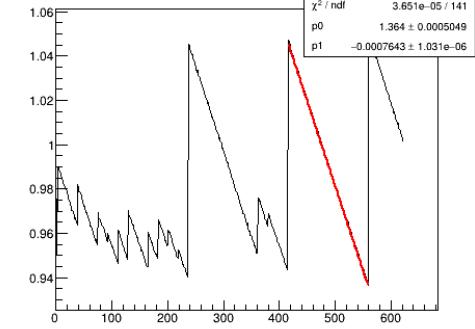
Button:2/Button:2(0) BPM:41, 41W, 1876828-1877450



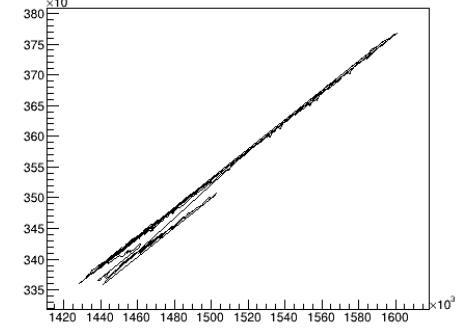
Button:3/Button:3(0) BPM:41, 41W, 1876828-1877450



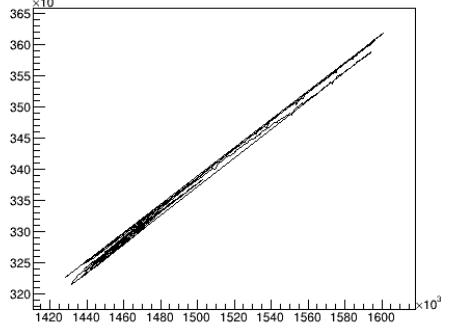
Button:4/Button:4(0) BPM:41, 41W, 1876828-1877450



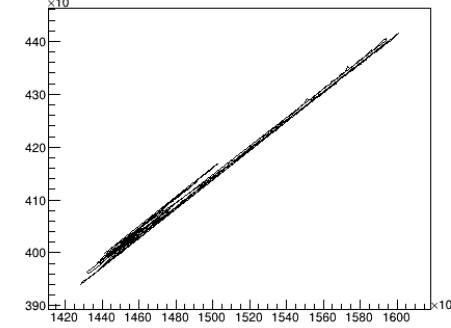
Button:1 vs but_sum BPM:41, 41W, 1876828-1877450



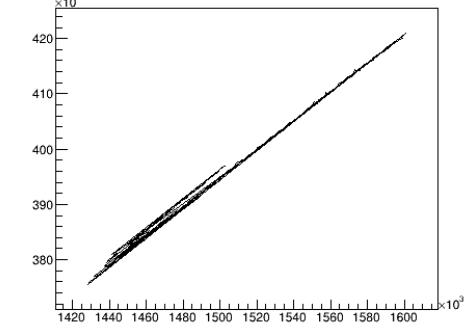
Button:2 vs but_sum BPM:41, 41W, 1876828-1877450



Button:3 vs but_sum BPM:41, 41W, 1876828-1877450

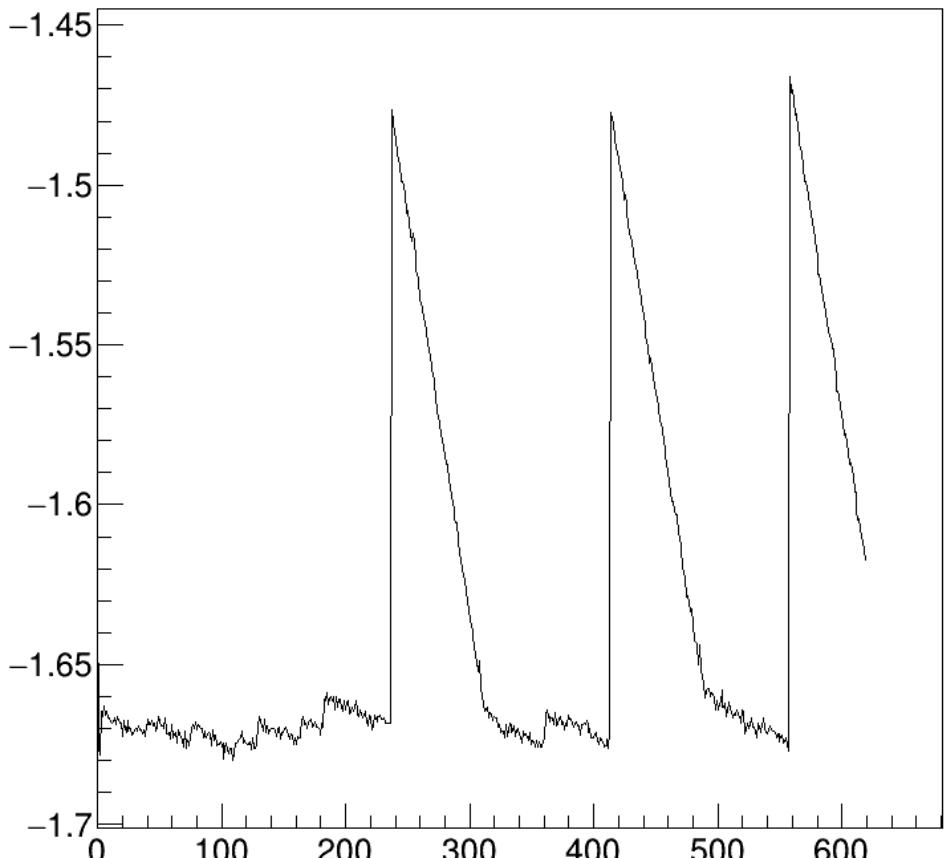
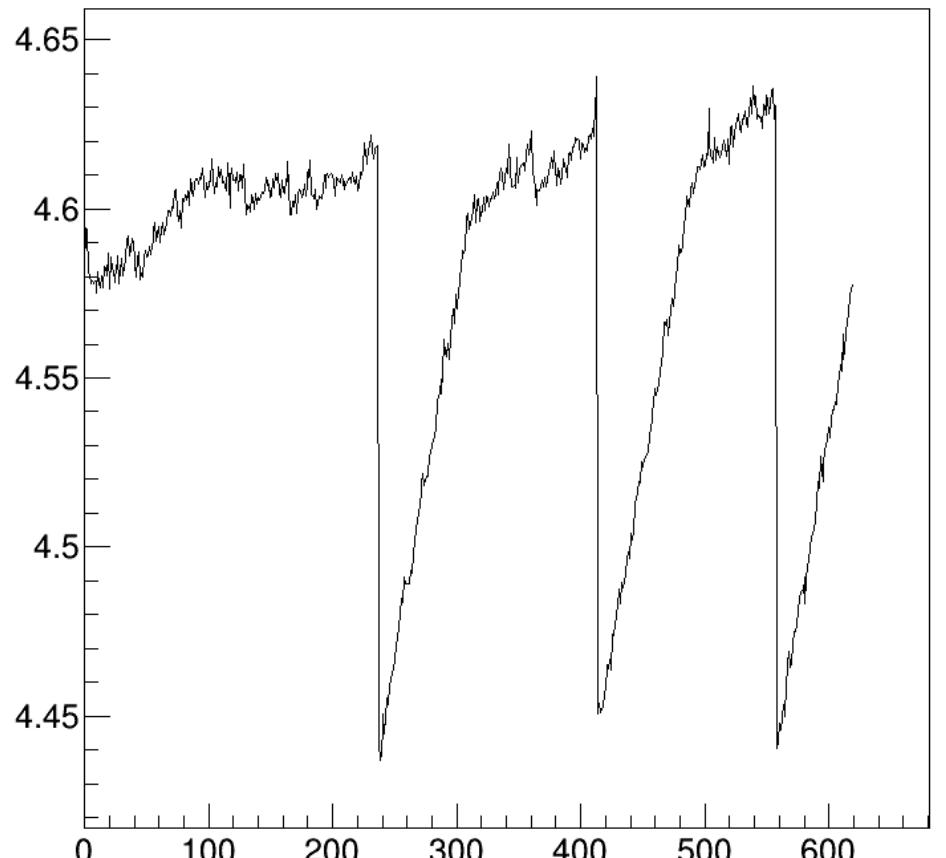


Button:4 vs but_sum BPM:41, 41W, 1876828-1877450

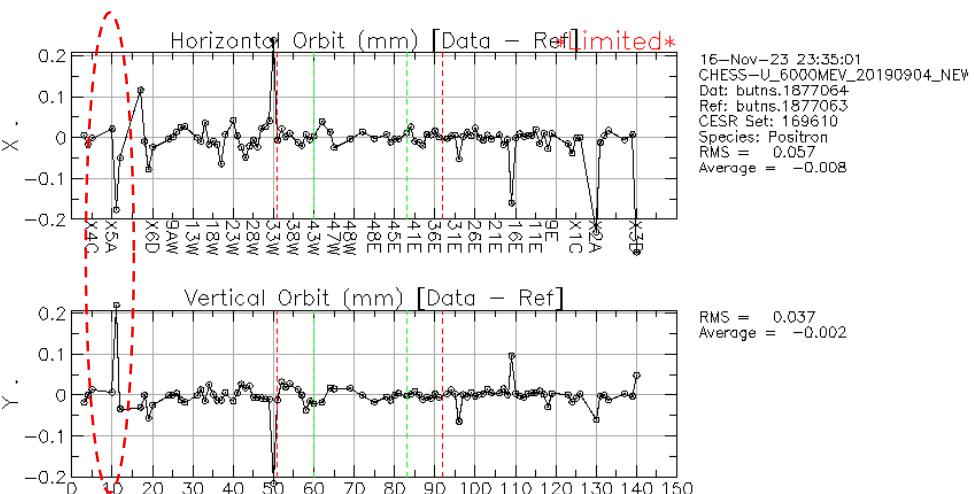


Horiz coord vs orbit nr BPm:110, X5B, 1876828-1877450.gif

Vert coord vs orbit nr BPm:110, X5B, 1876828-1877450.gif

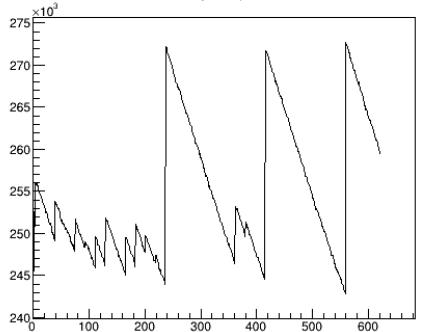


Data: 2023-11-16 23:34:53 t1b1: e+, cern=125.08
Ref: 2023-11-16 23:33:44 t1b1: e+, cern=122.27

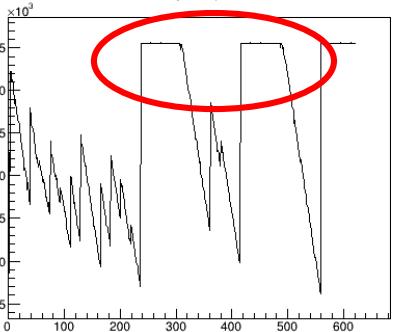


Button:2 is saturated

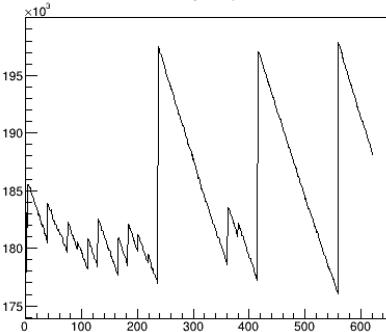
Button:1 BPM:110, X5B, 1876828-1877450



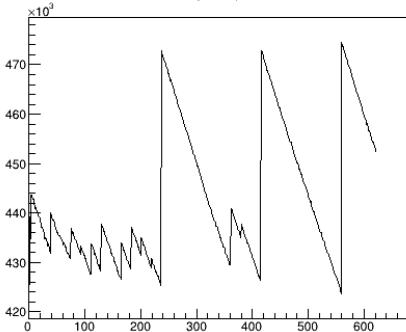
Button:2 BPM:110, X5B, 1876828-1877450



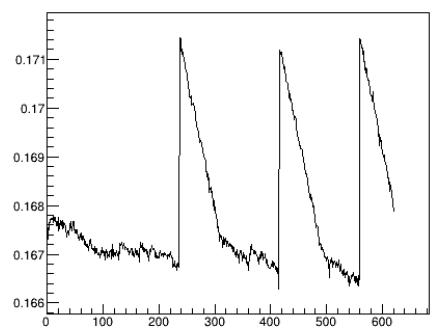
Button:3 BPM:110, X5B, 1876828-1877450



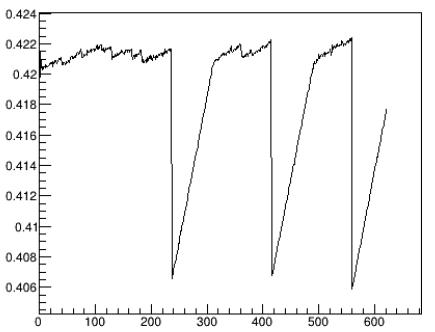
Button:4 BPM:110, X5B, 1876828-1877450



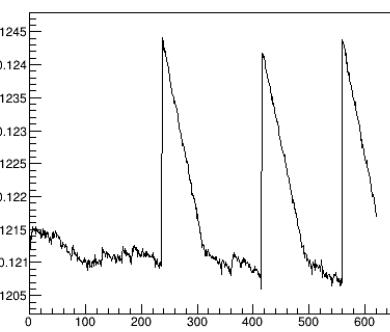
Button:1/sum BPM:110, X5B, 1876828-1877450



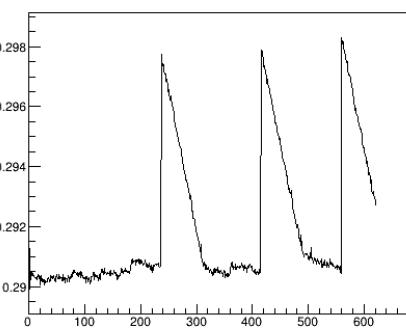
Button:2/sum BPM:110, X5B, 1876828-1877450



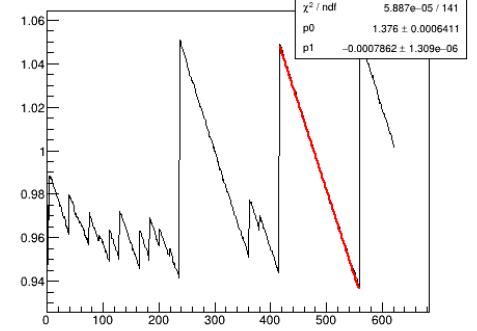
Button:3/sum BPM:110, X5B, 1876828-1877450



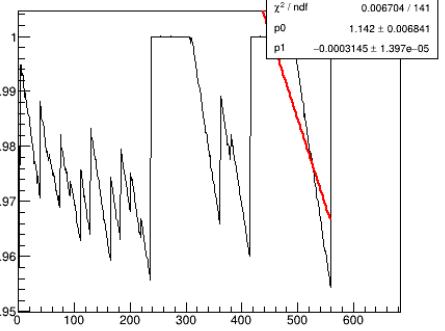
Button:4/sum BPM:110, X5B, 1876828-1877450



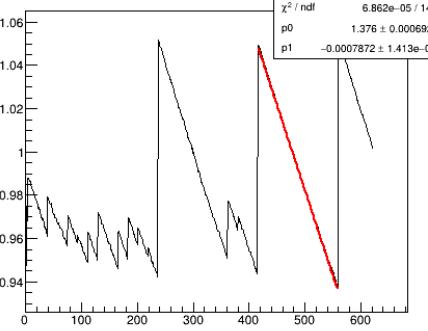
Button:1/Button:1(0) BPM:110, X5B, 1876828-1877450



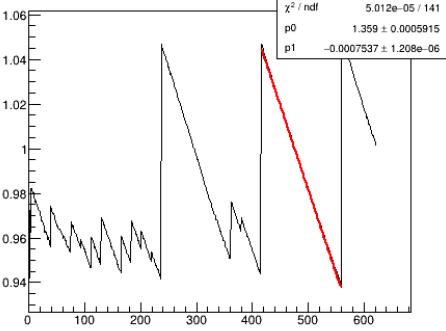
Button:2/Button:2(0) BPM:110, X5B, 1876828-1877450



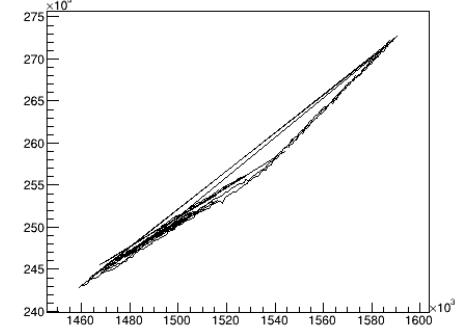
Button:3/Button:3(0) BPM:110, X5B, 1876828-1877450



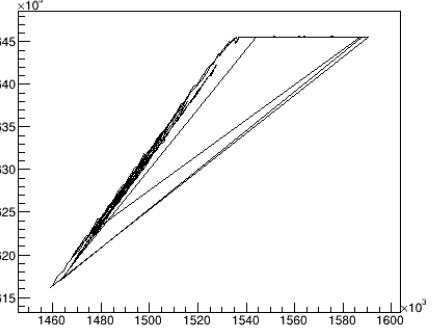
Button:4/Button:4(0) BPM:110, X5B, 1876828-1877450



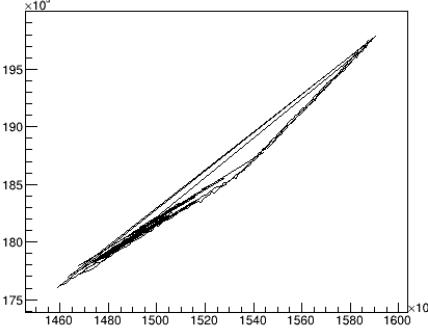
Button:1 vs but_sum BPM:110, X5B, 1876828-1877450



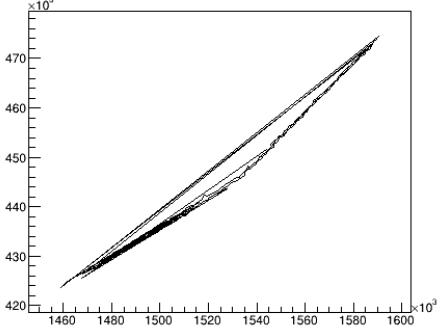
Button:2 vs but_sum BPM:110, X5B, 1876828-1877450



Button:3 vs but_sum BPM:110, X5B, 1876828-1877450

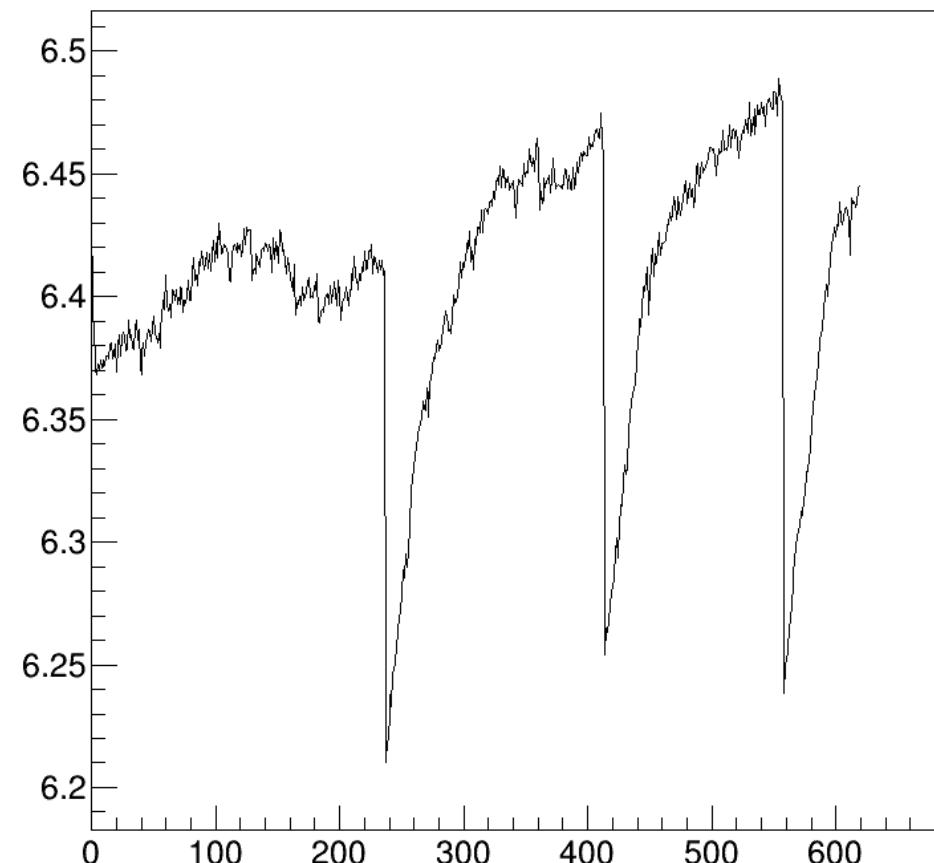
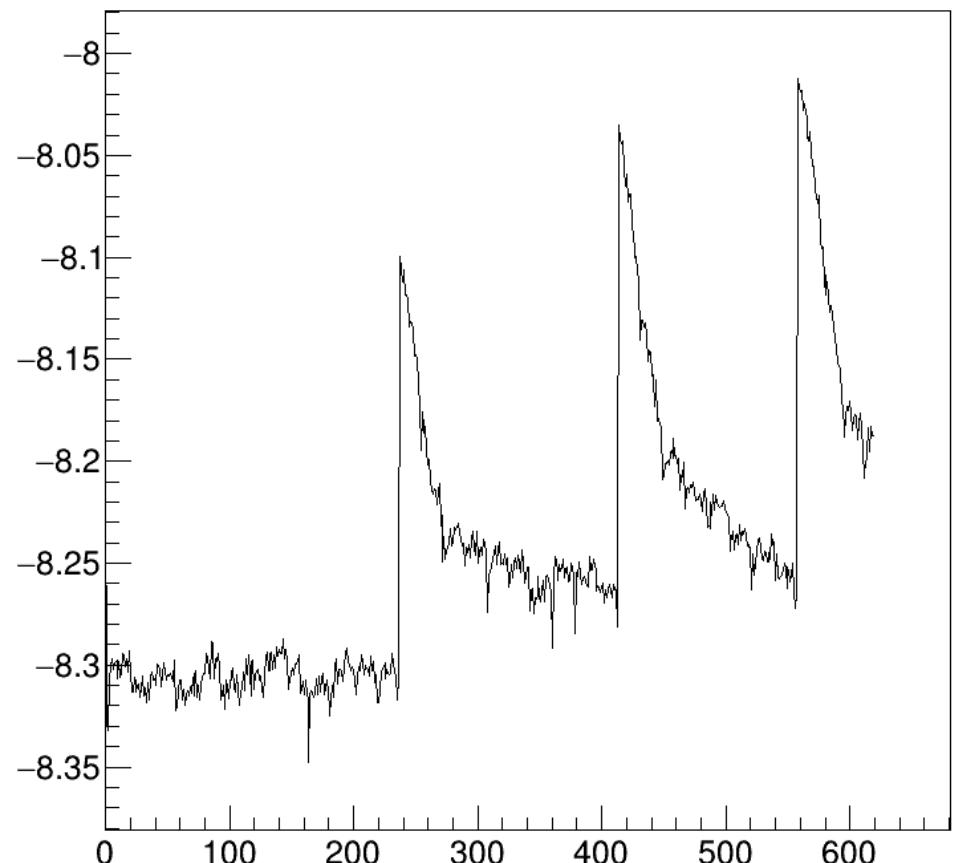


Button:4 vs but_sum BPM:110, X5B, 1876828-1877450

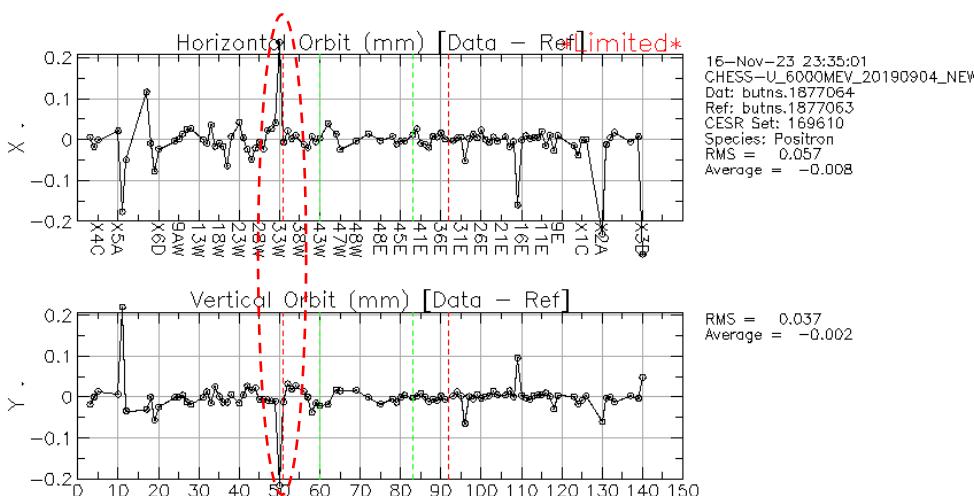
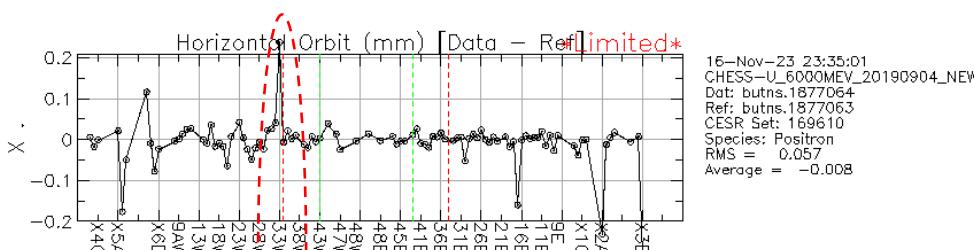


Horiz coord vs orbit nr BPm:33, 33W, 1876828-1877450.gif

Vert coord vs orbit nr BPm:33, 33W, 1876828-1877450.gif

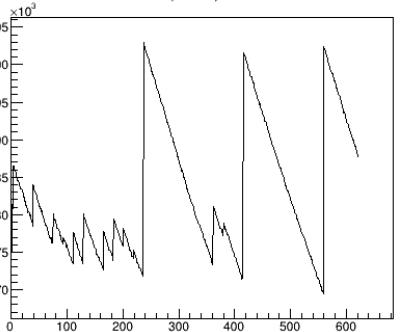


Data: 2023-11-16 23:34:53 t1b1: e+, cern=125.08
 Ref: 2023-11-16 23:33:44 t1b1: e+, cern=122.27

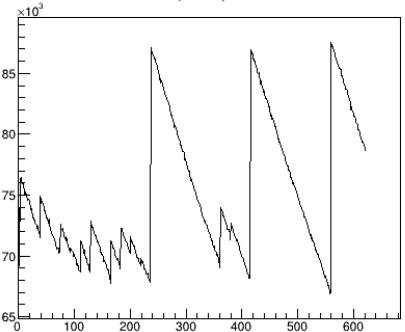


Button:3 is saturated

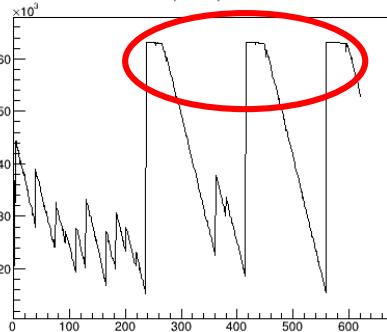
Button:1 BPM:33, 33W, 1876828-1877450



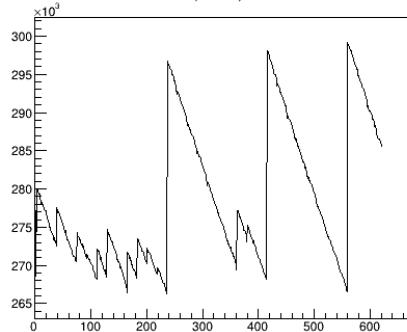
Button:2 BPM:33, 33W, 1876828-1877450



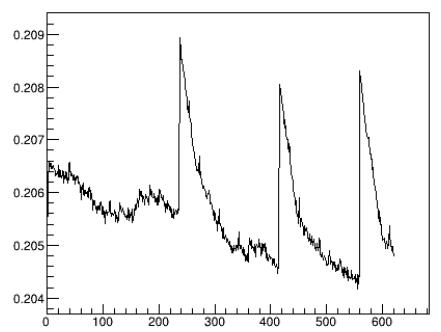
Button:3 BPM:33, 33W, 1876828-1877450



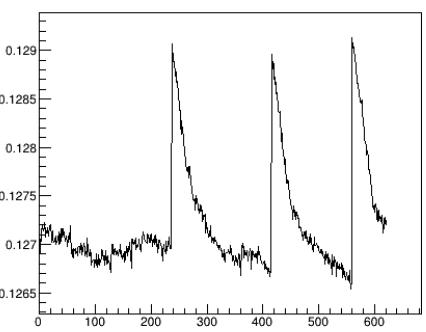
Button:4 BPM:33, 33W, 1876828-1877450



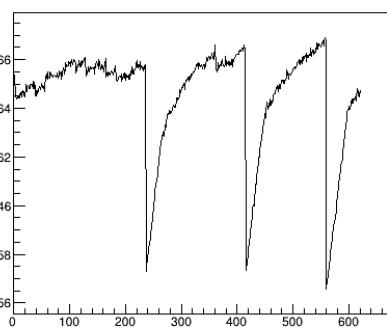
Button:1/sum BPM:33, 33W, 1876828-1877450



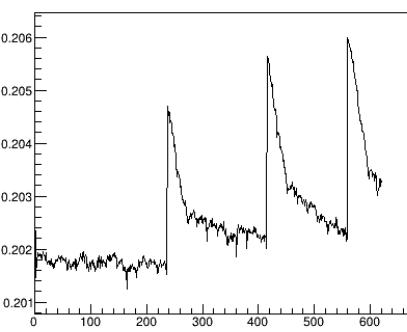
Button:2/sum BPM:33, 33W, 1876828-1877450



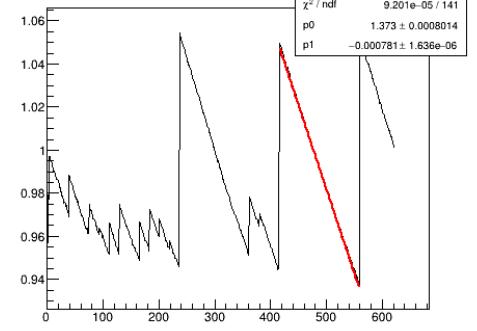
Button:3/sum BPM:33, 33W, 1876828-1877450



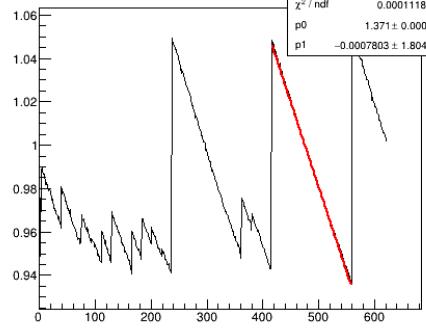
Button:4/sum BPM:33, 33W, 1876828-1877450



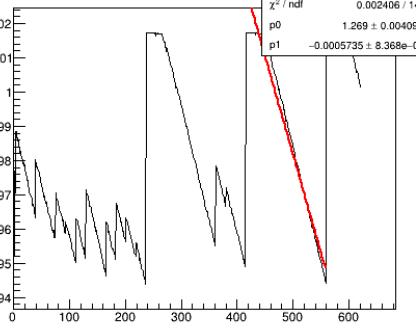
Button:1/Button:1(0) BPM:33, 33W, 1876828-1877450



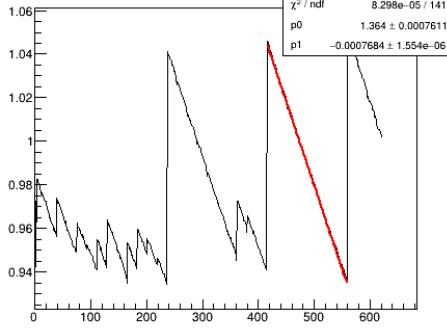
Button:2/Button:2(0) BPM:33, 33W, 1876828-1877450



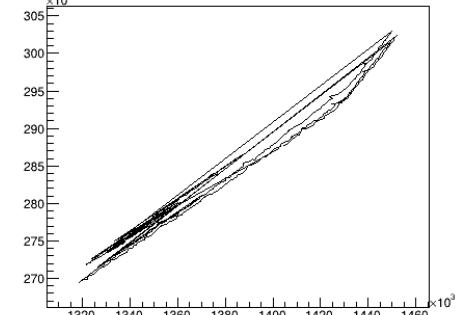
Button:3/Button:3(0) BPM:33, 33W, 1876828-1877450



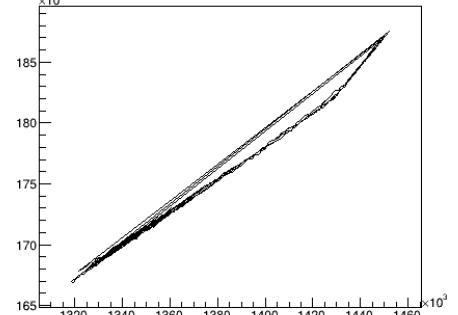
Button:4/Button:4(0) BPM:33, 33W, 1876828-1877450



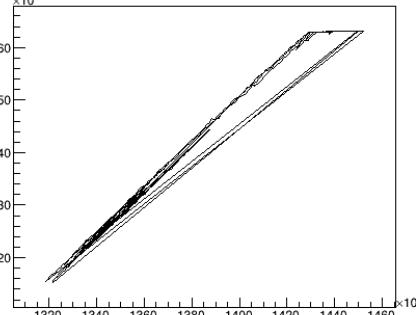
Button:1 vs but_sum BPM:33, 33W, 1876828-1877450



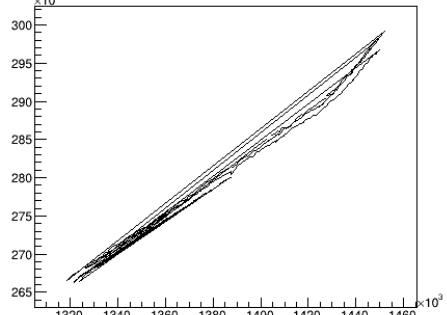
Button:2 vs but_sum BPM:33, 33W, 1876828-1877450



Button:3 vs but_sum BPM:33, 33W, 1876828-1877450

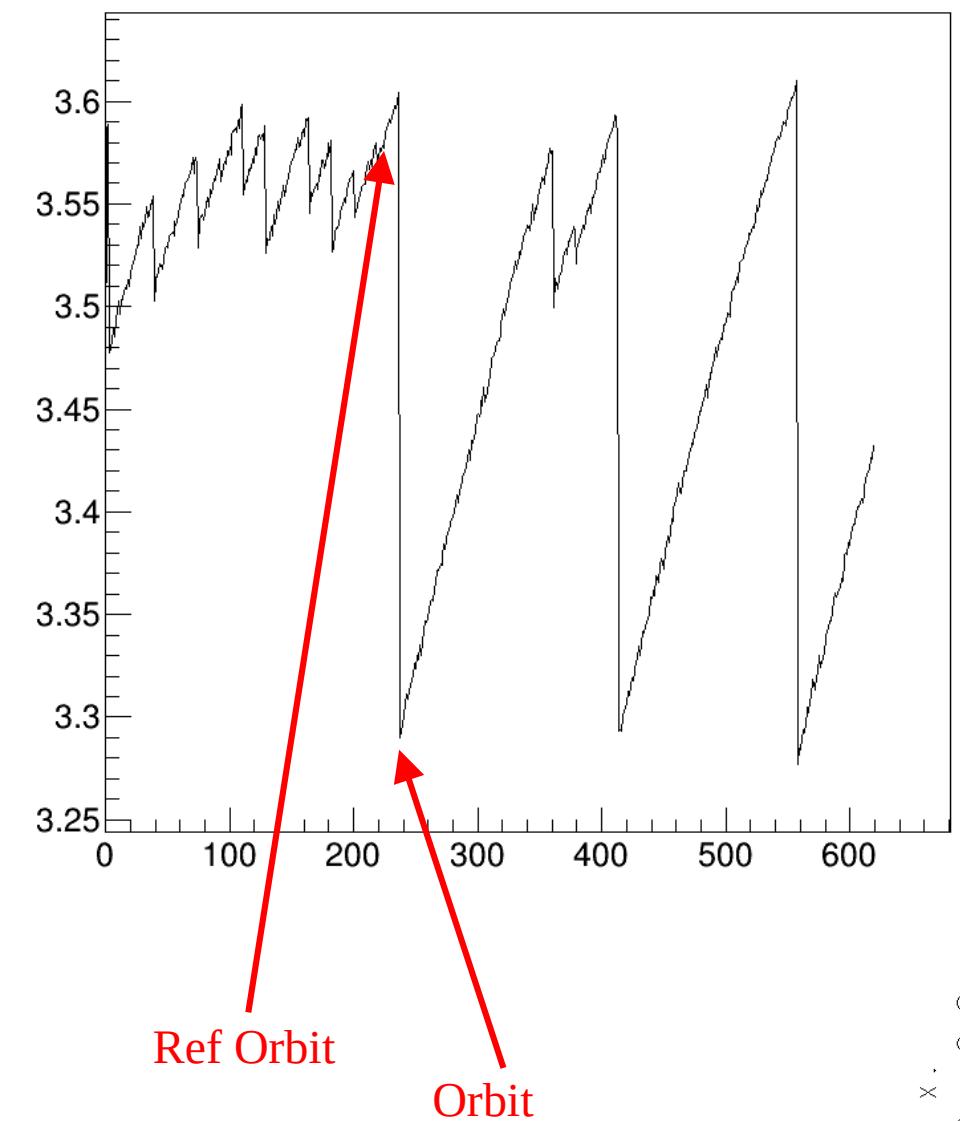


Button:4 vs but_sum BPM:33, 33W, 1876828-1877450



Horiz coord vs orbit nr BPm:104, X3D, 1876828-1877450.gif

Vert coord vs orbit nr BPm:104, X3D, 1876828-1877450.gif

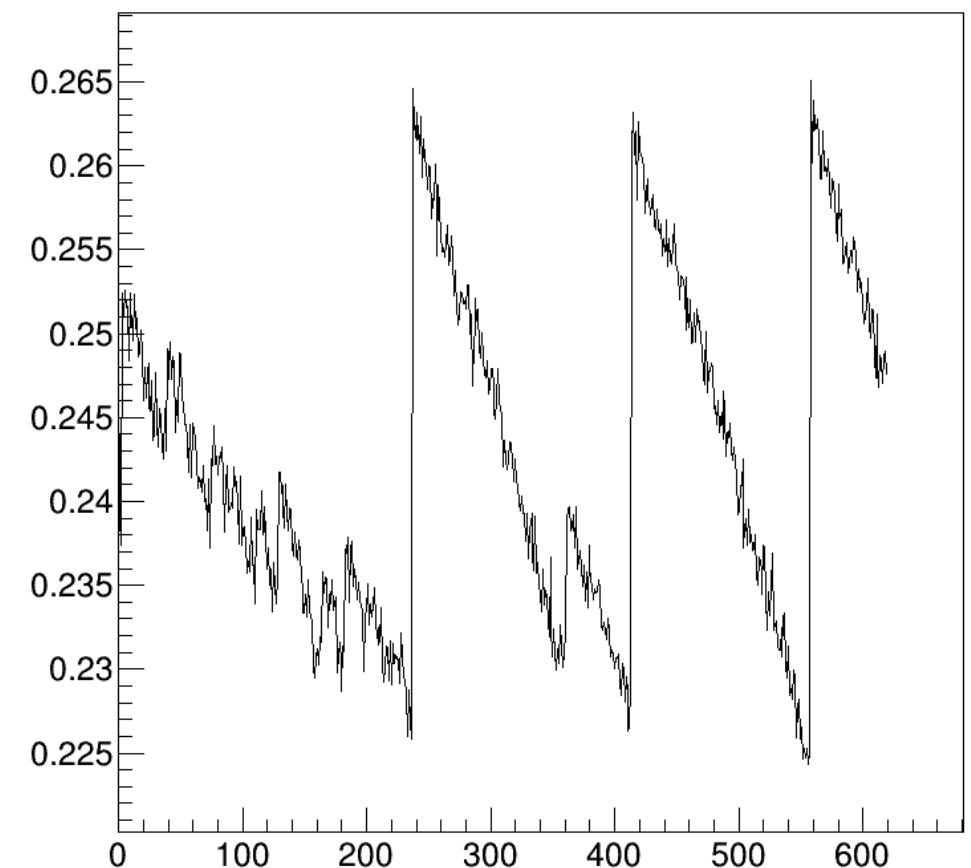


Ref Orbit

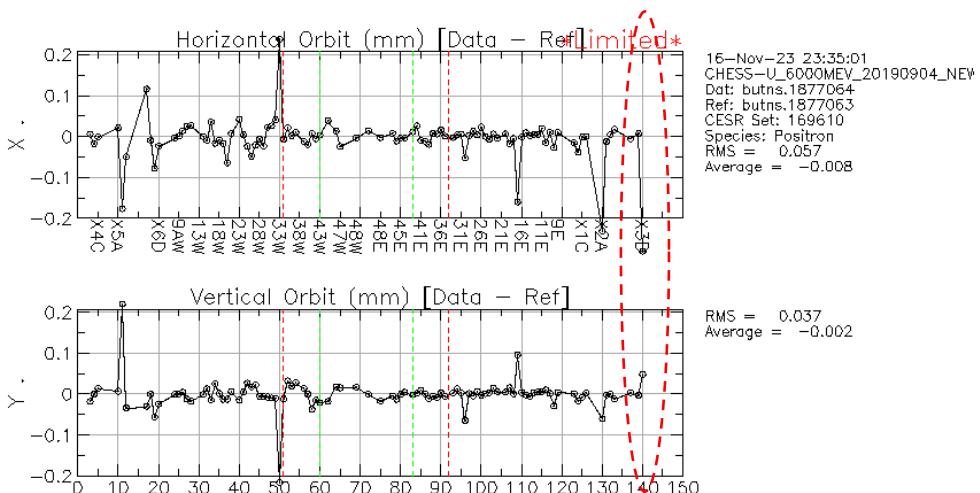
Orbit

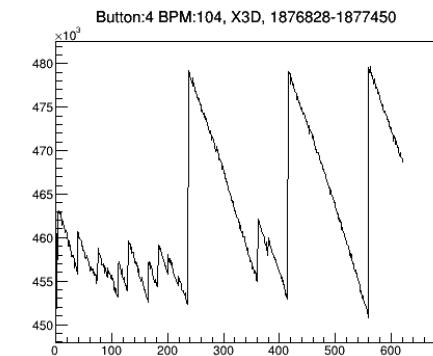
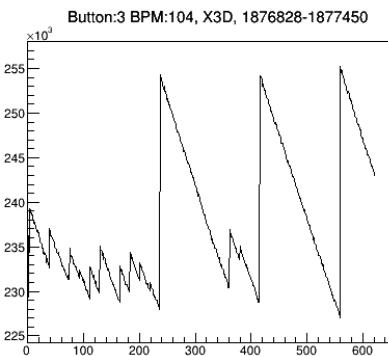
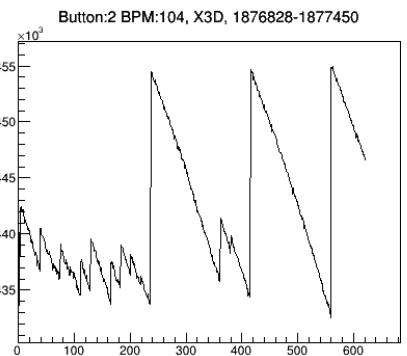
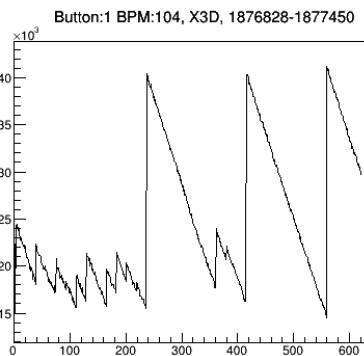
No significant steering changes in SA

Button:2 and Button:4 are far from saturation value, but behave like saturated

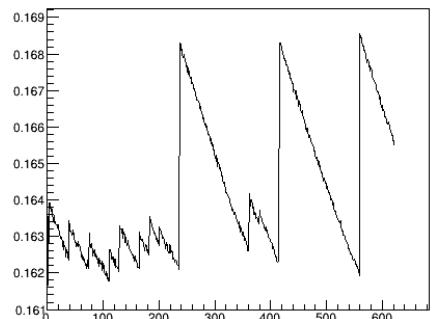


Data: 2023-11-16 23:34:53 t1b1: e+, cern=125.08
Ref: 2023-11-16 23:33:44 t1b1: e+, cern=122.27

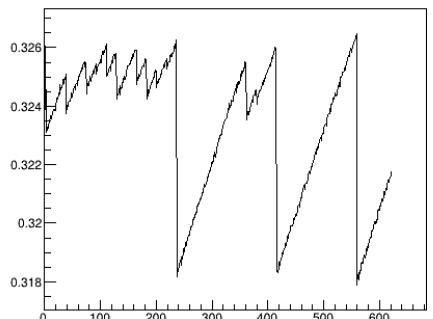




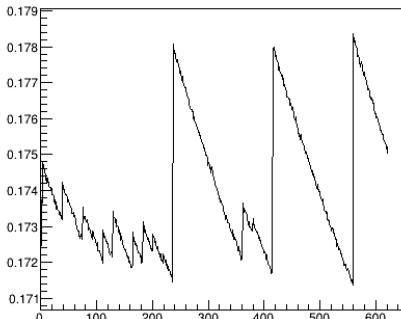
Button:1/sum BPM:104, X3D, 1876828-1877450



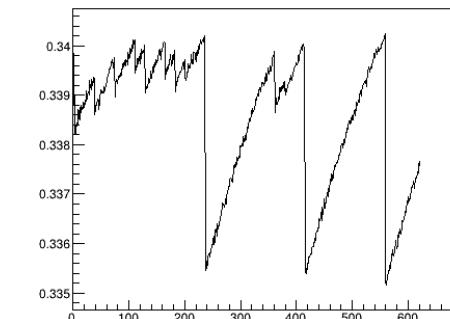
Button:2/sum BPM:104, X3D, 1876828-1877450



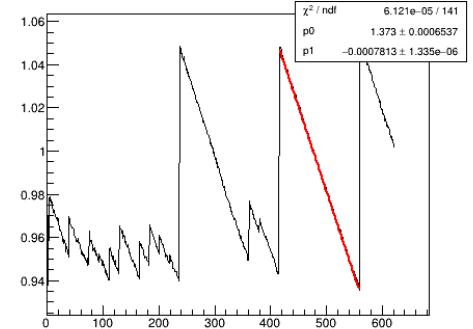
Button:3/sum BPM:104, X3D, 1876828-1877450



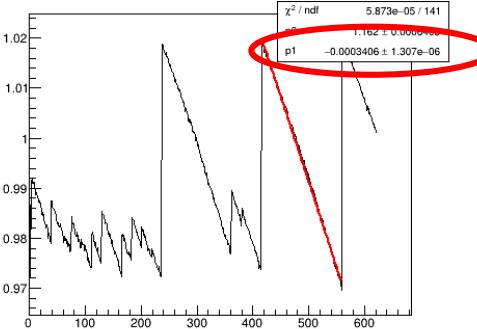
Button:4/sum BPM:104, X3D, 1876828-1877450



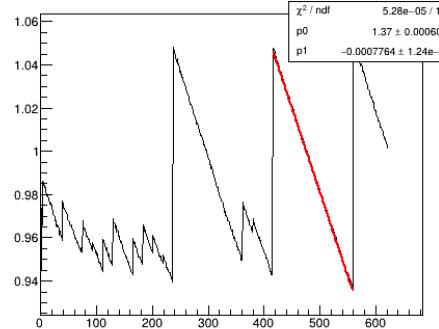
Button:1/Button:1(0) BPM:104, X3D, 1876828-1877450



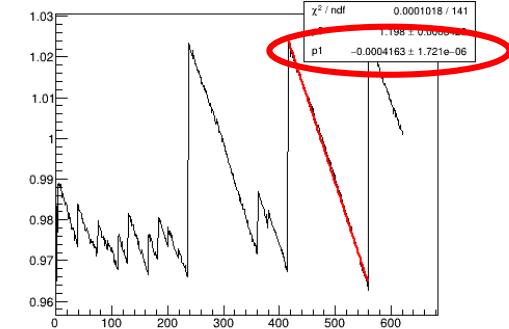
Button:2/Button:2(0) BPM:104, X3D, 1876828-1877450



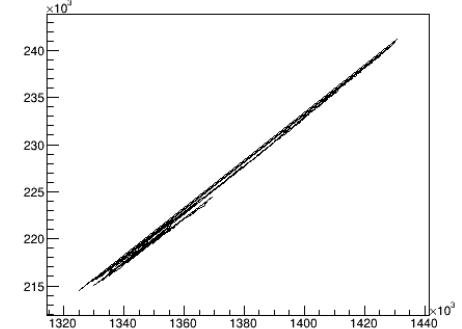
Button:3/Button:3(0) BPM:104, X3D, 1876828-1877450



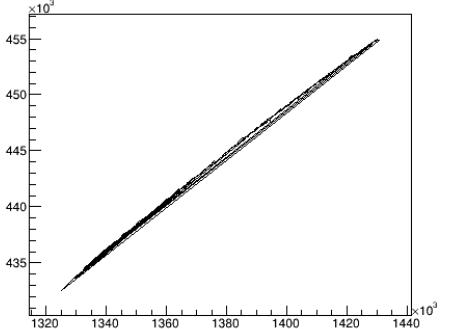
Button:4/Button:4(0) BPM:104, X3D, 1876828-1877450



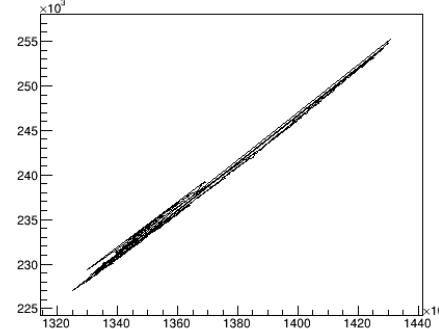
Button:1 vs but_sum BPM:104, X3D, 1876828-1877450



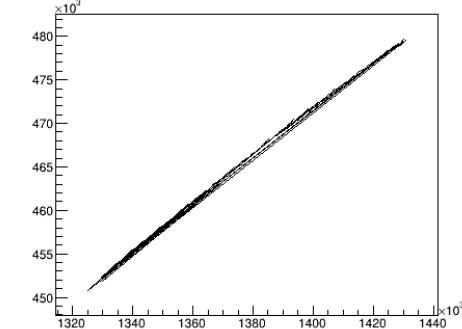
Button:2 vs but_sum BPM:104, X3D, 1876828-1877450



Button:3 vs but_sum BPM:104, X3D, 1876828-1877450



Button:4 vs but_sum BPM:104, X3D, 1876828-1877450



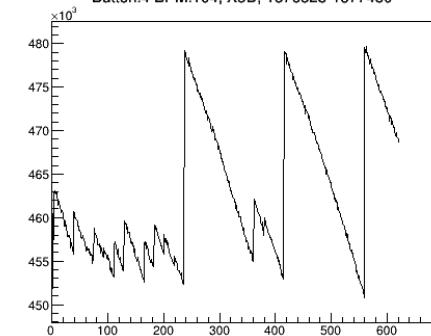
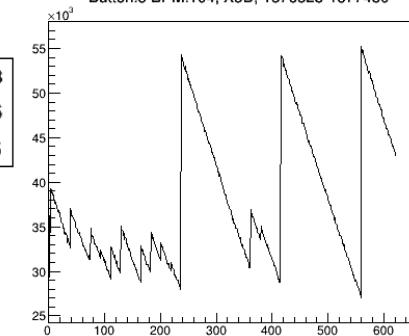
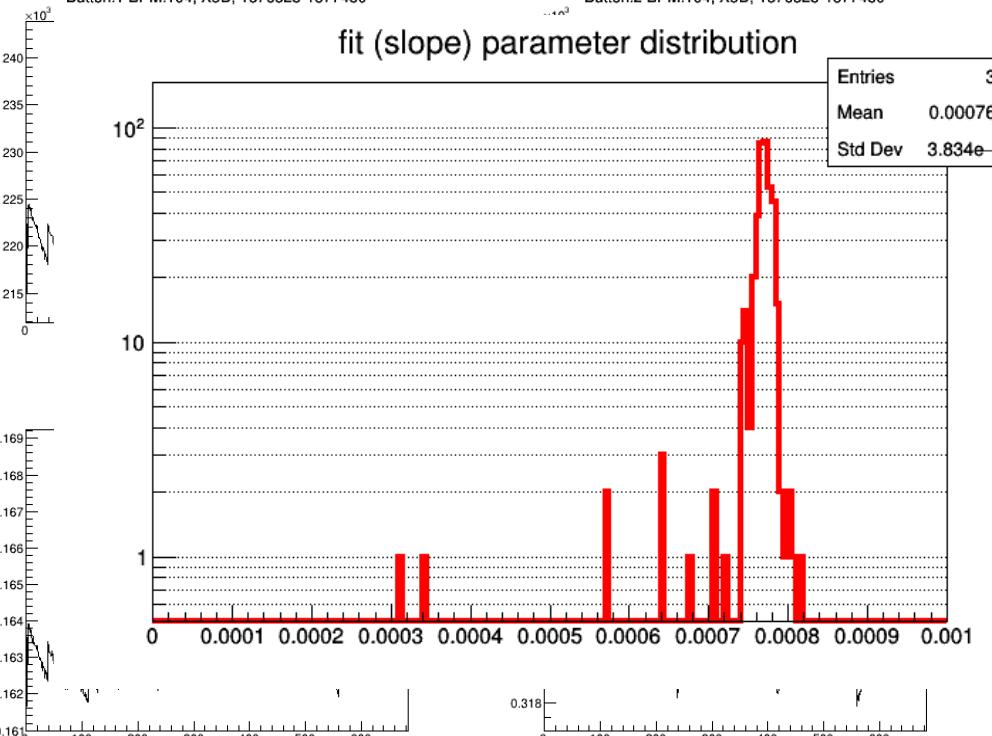
Button:1 BPM:104, X3D, 1876828-1877450

Button:2 BPM:104, X3D, 1876828-1877450

Button:3 BPM:104, X3D, 1876828-1877450

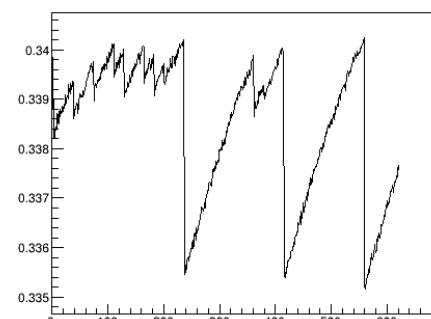
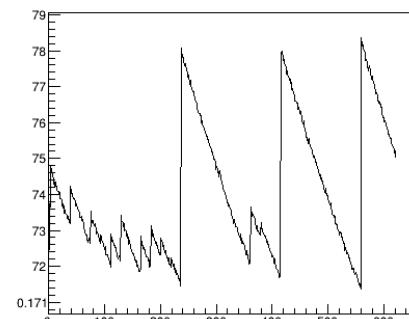
Button:4 BPM:104, X3D, 1876828-1877450

fit (slope) parameter distribution



Button:3/sum BPM:104, X3D, 1876828-1877450

Button:4/sum BPM:104, X3D, 1876828-1877450

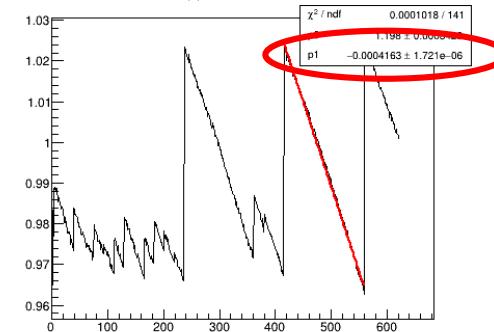
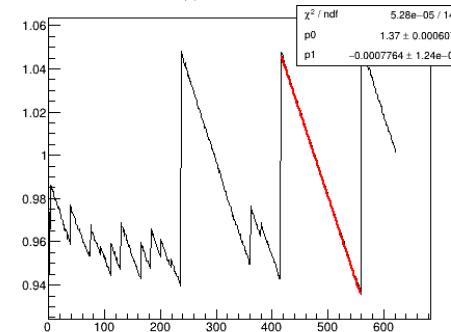
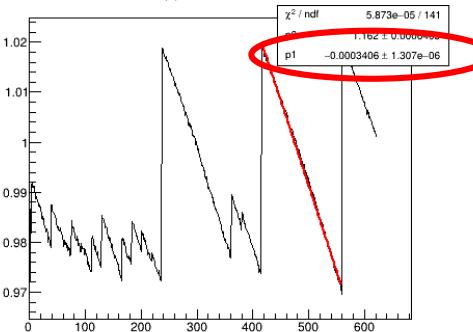
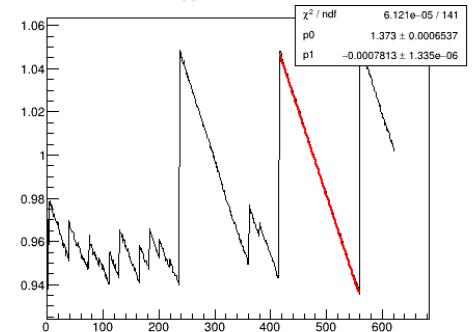


Button:1/Button:1(0) BPM:104, X3D, 1876828-1877450

Button:2/Button:2(0) BPM:104, X3D, 1876828-1877450

Button:3/Button:3(0) BPM:104, X3D, 1876828-1877450

Button:4/Button:4(0) BPM:104, X3D, 1876828-1877450

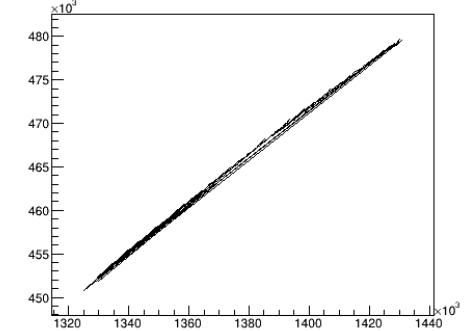
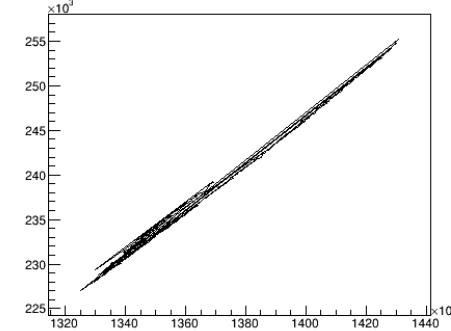
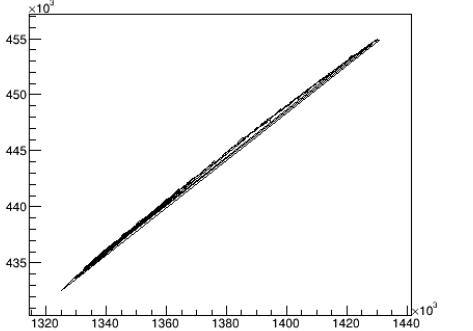
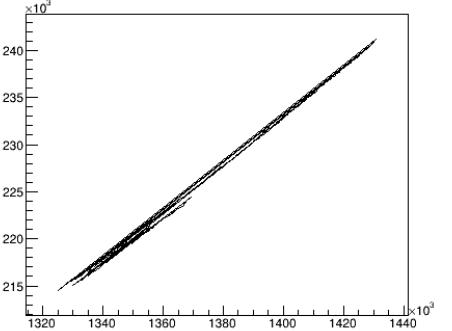


Button:1 vs but_sum BPM:104, X3D, 1876828-1877450

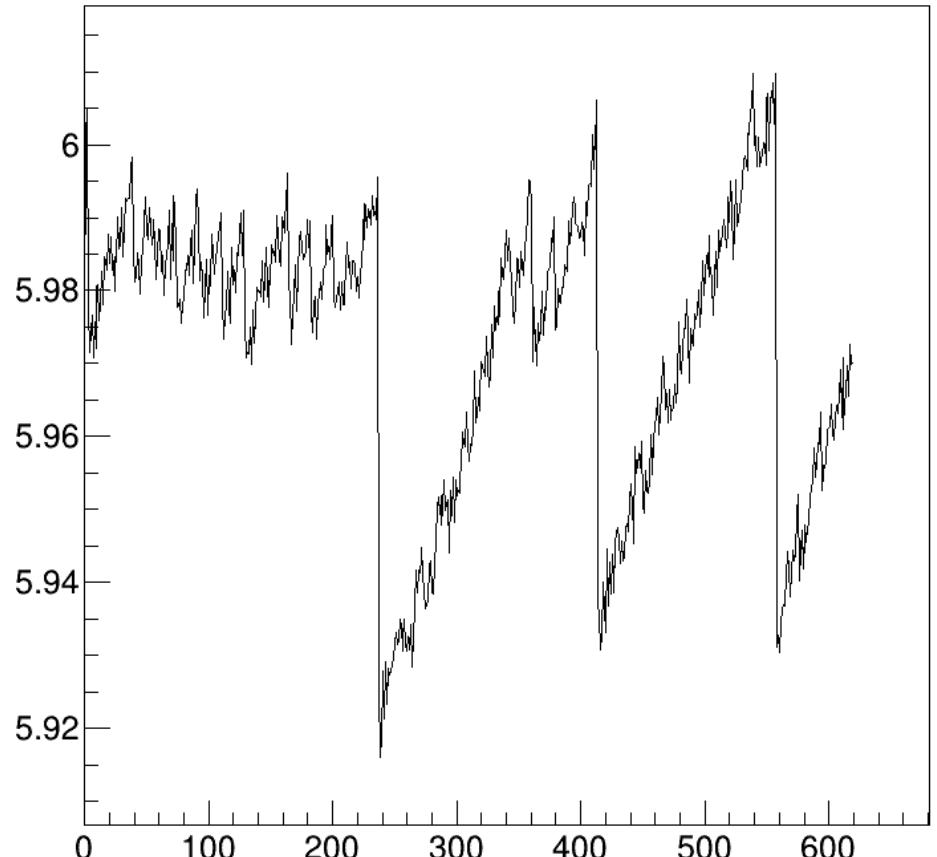
Button:2 vs but_sum BPM:104, X3D, 1876828-1877450

Button:3 vs but_sum BPM:104, X3D, 1876828-1877450

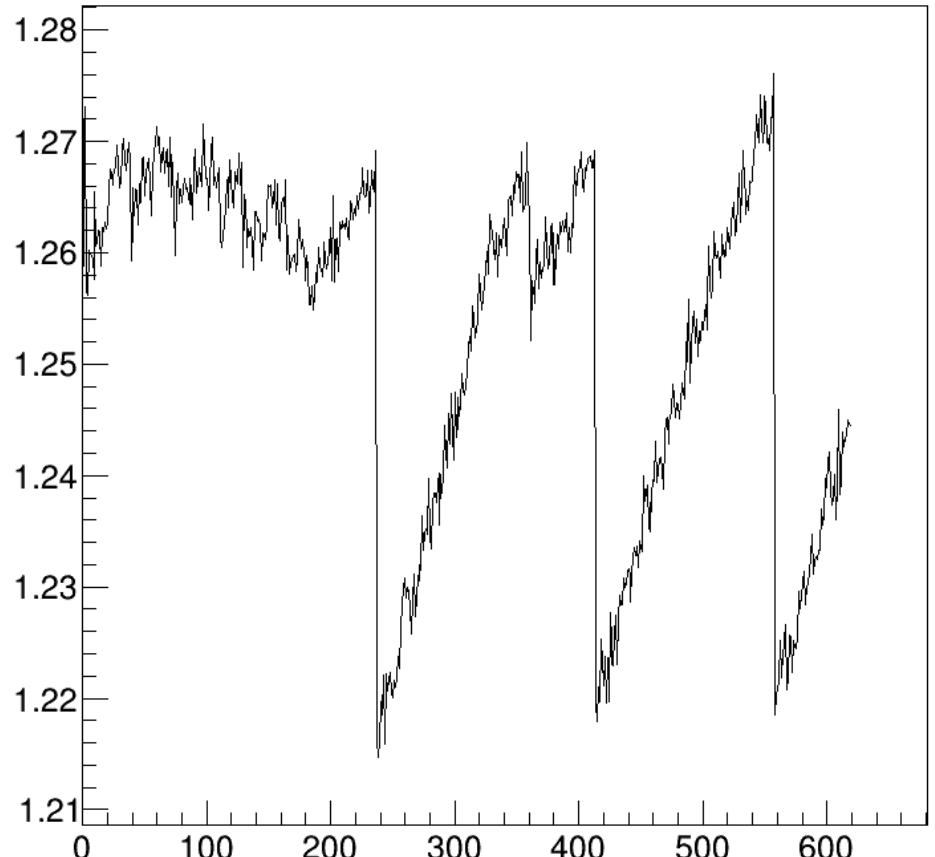
Button:4 vs but_sum BPM:104, X3D, 1876828-1877450



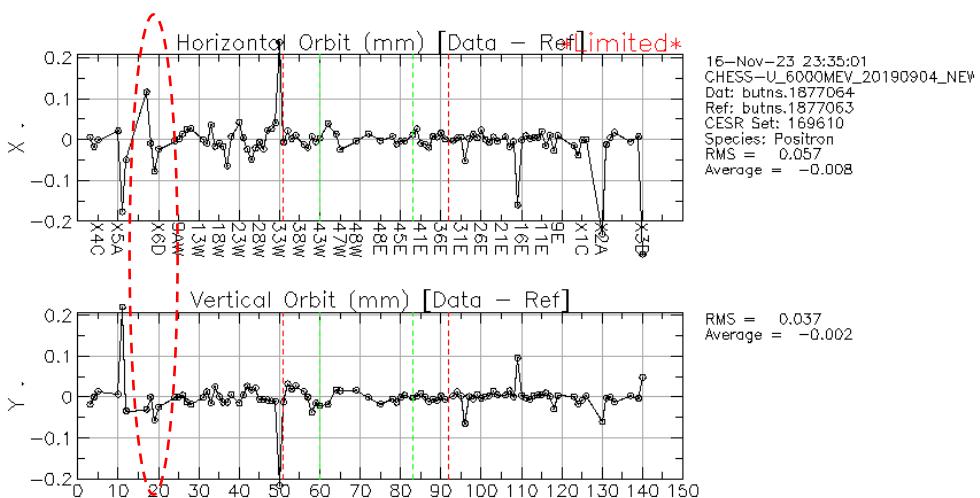
Horiz coord vs orbit nr BPm:5, X6C, 1876828-1877450.gif



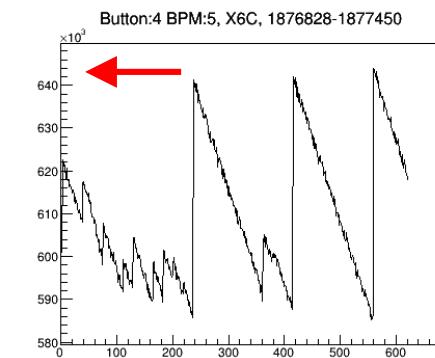
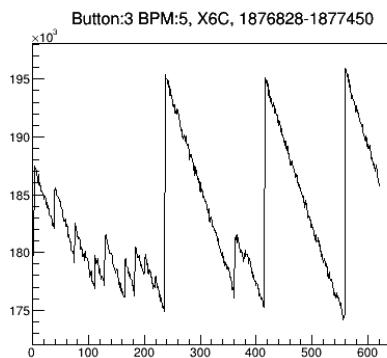
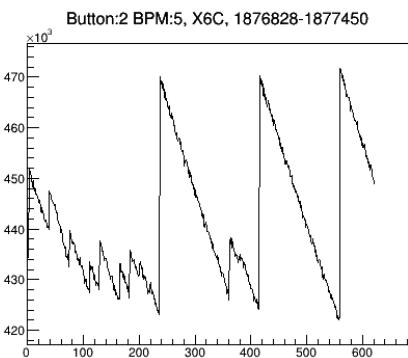
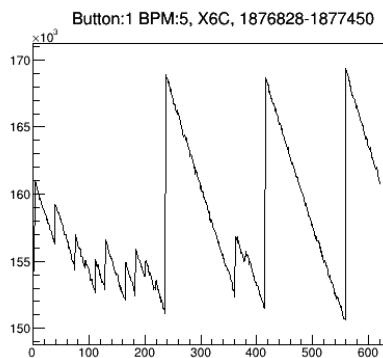
Vert coord vs orbit nr BPm:5, X6C, 1876828-1877450.gif



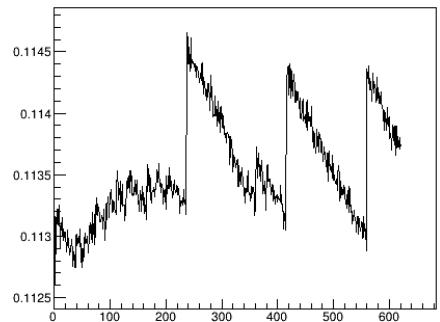
Data: 2023-11-16 23:34:53 t1b1: e+, cern=125.08
Ref: 2023-11-16 23:33:44 t1b1: e+, cern=122.27



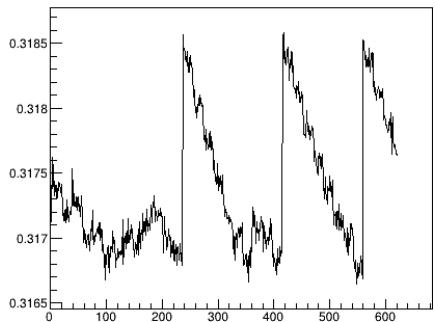
Button:4 is close to saturation



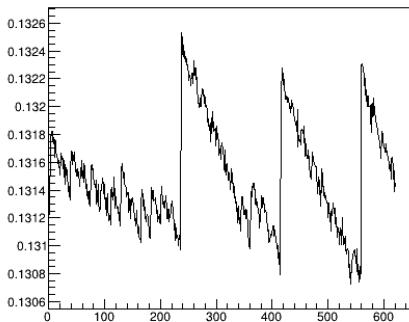
Button:1/sum BPM:5, X6C, 1876828-1877450



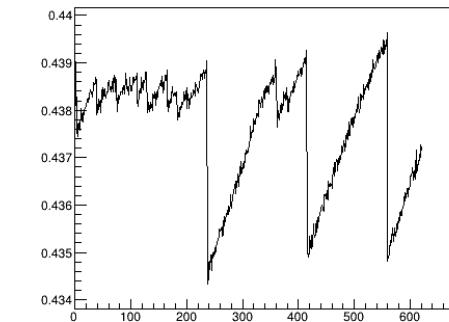
Button:2/sum BPM:5, X6C, 1876828-1877450



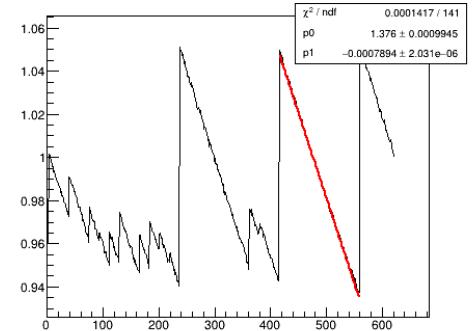
Button:3/sum BPM:5, X6C, 1876828-1877450



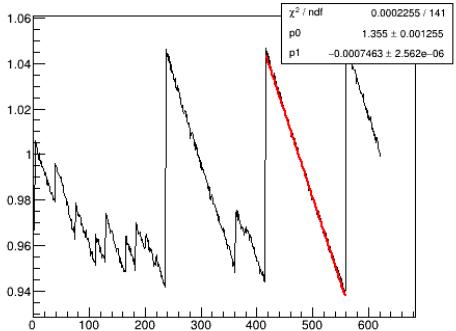
Button:4/sum BPM:5, X6C, 1876828-1877450



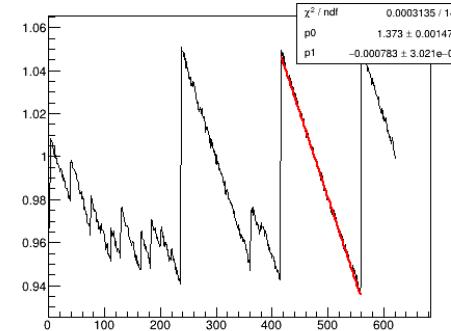
Button:1/Button:1(0) BPM:5, X6C, 1876828-1877450



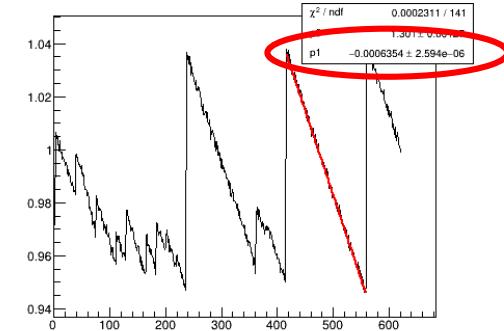
Button:2/Button:2(0) BPM:5, X6C, 1876828-1877450



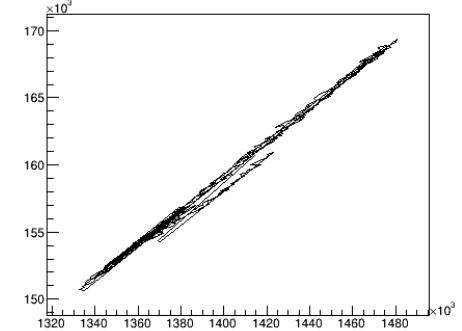
Button:3/Button:3(0) BPM:5, X6C, 1876828-1877450



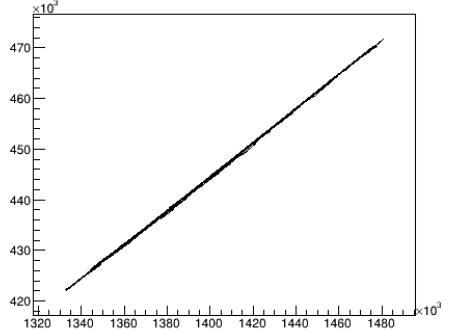
Button:4/Button:4(0) BPM:5, X6C, 1876828-1877450



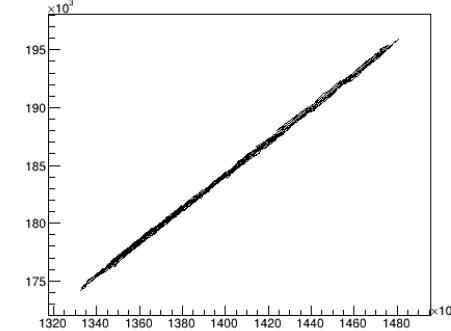
Button:1 vs but_sum BPM:5, X6C, 1876828-1877450



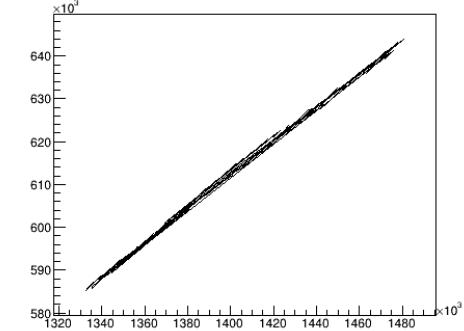
Button:2 vs but_sum BPM:5, X6C, 1876828-1877450



Button:3 vs but_sum BPM:5, X6C, 1876828-1877450



Button:4 vs but_sum BPM:5, X6C, 1876828-1877450



Button:1 BPM:5, X6C, 1876828-1877450

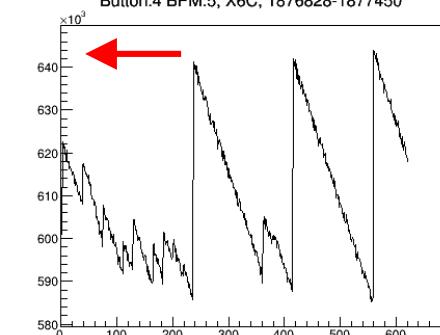
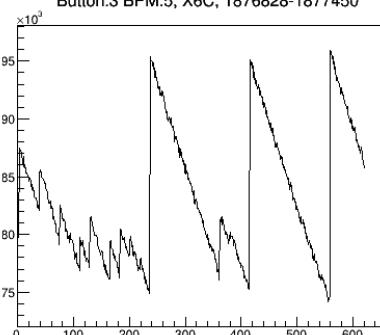
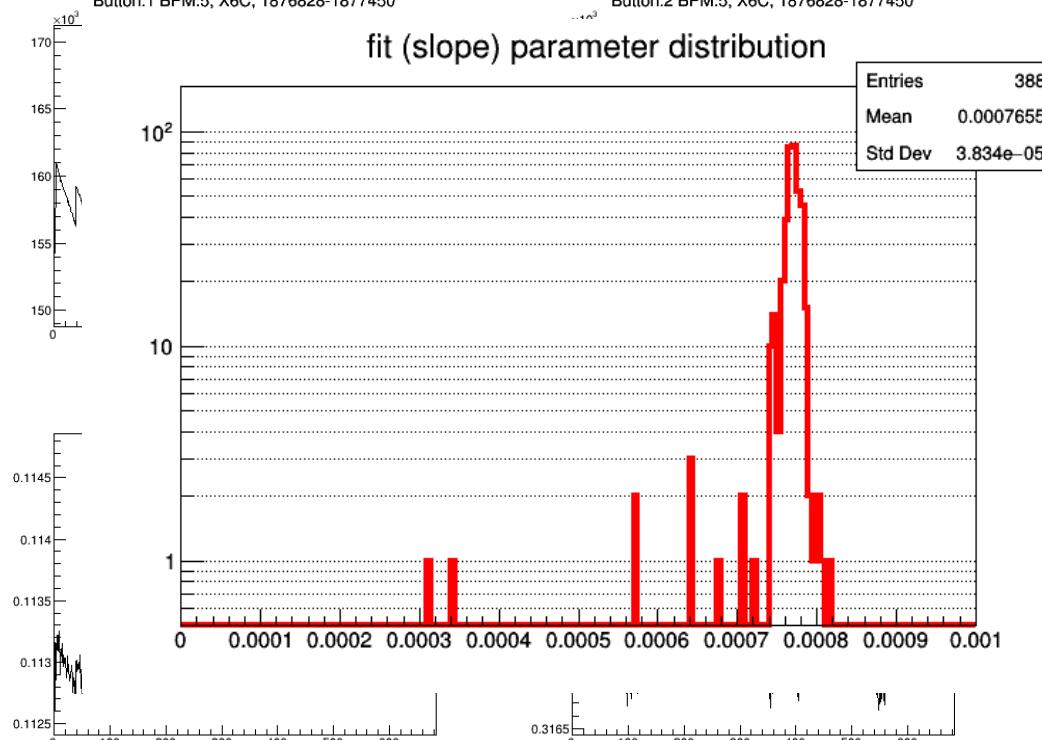
Button:2 BPM:5, X6C, 1876828-1877450

Button:3 BPM:5, X6C, 1876828-1877450

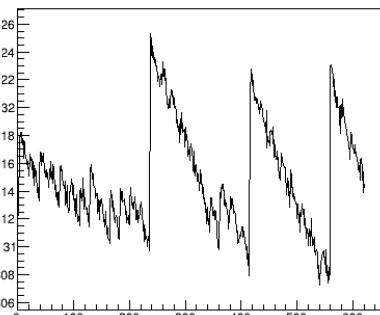
Button:4 BPM:5, X6C, 1876828-1877450

fit (slope) parameter distribution

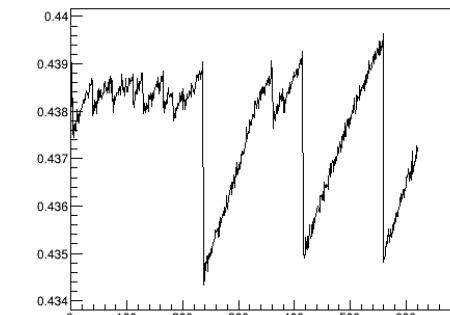
Entries	388
Mean	0.0007655
Std Dev	3.834e-05



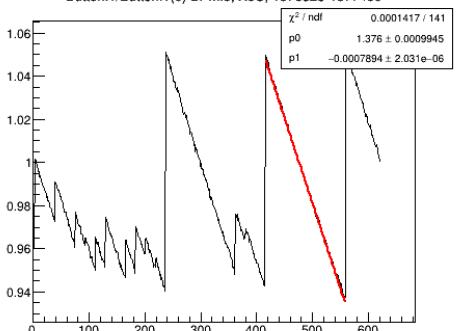
Button:3/sum BPM:5, X6C, 1876828-1877450



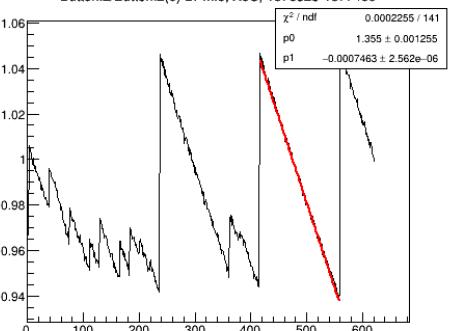
Button:4/sum BPM:5, X6C, 1876828-1877450



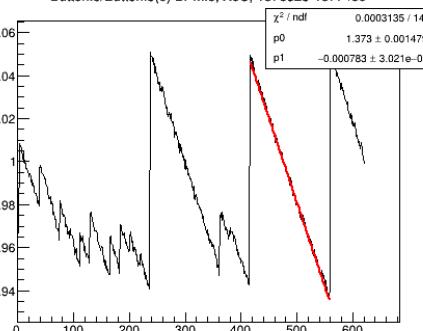
Button:1/Button:1(0) BPM:5, X6C, 1876828-1877450



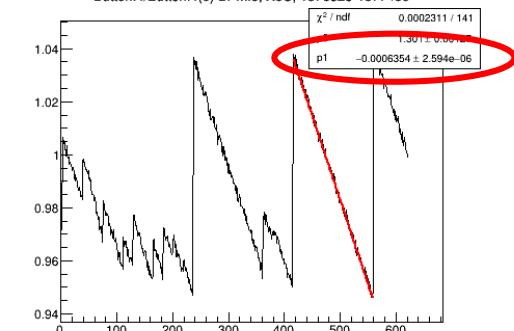
Button:2/Button:2(0) BPM:5, X6C, 1876828-1877450



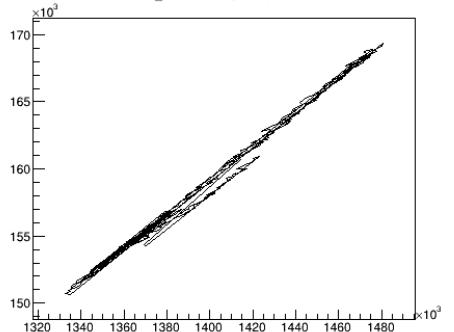
Button:3/Button:3(0) BPM:5, X6C, 1876828-1877450



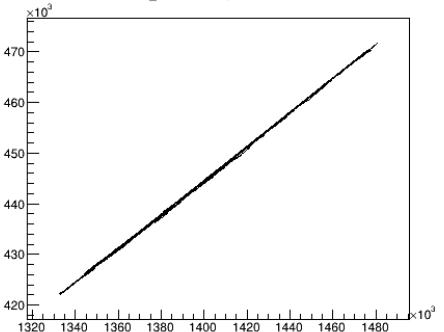
Button:4/Button:4(0) BPM:5, X6C, 1876828-1877450



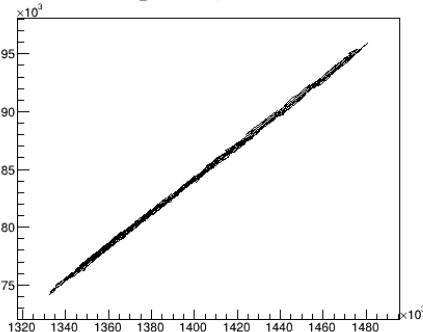
Button:1 vs but_sum BPM:5, X6C, 1876828-1877450



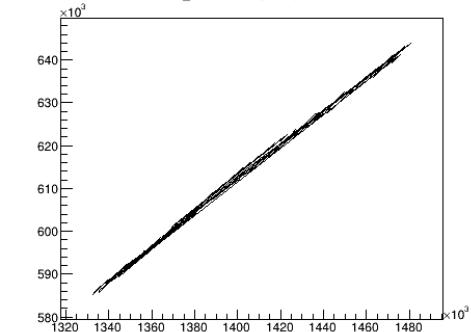
Button:2 vs but_sum BPM:5, X6C, 1876828-1877450



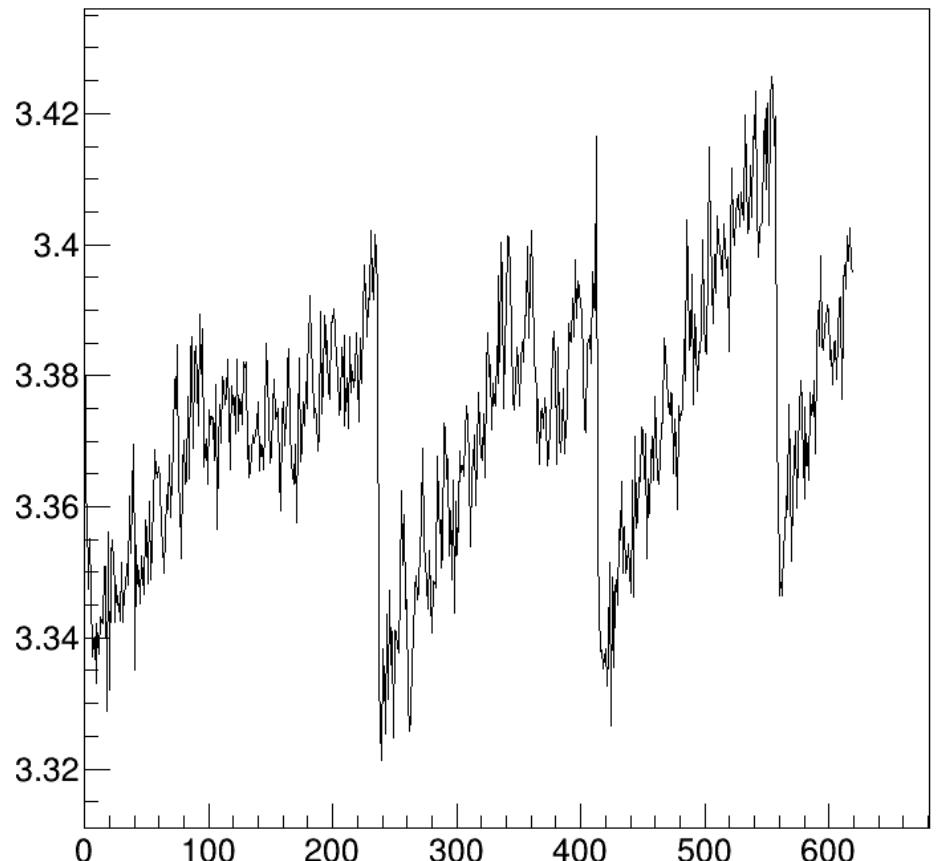
Button:3 vs but_sum BPM:5, X6C, 1876828-1877450



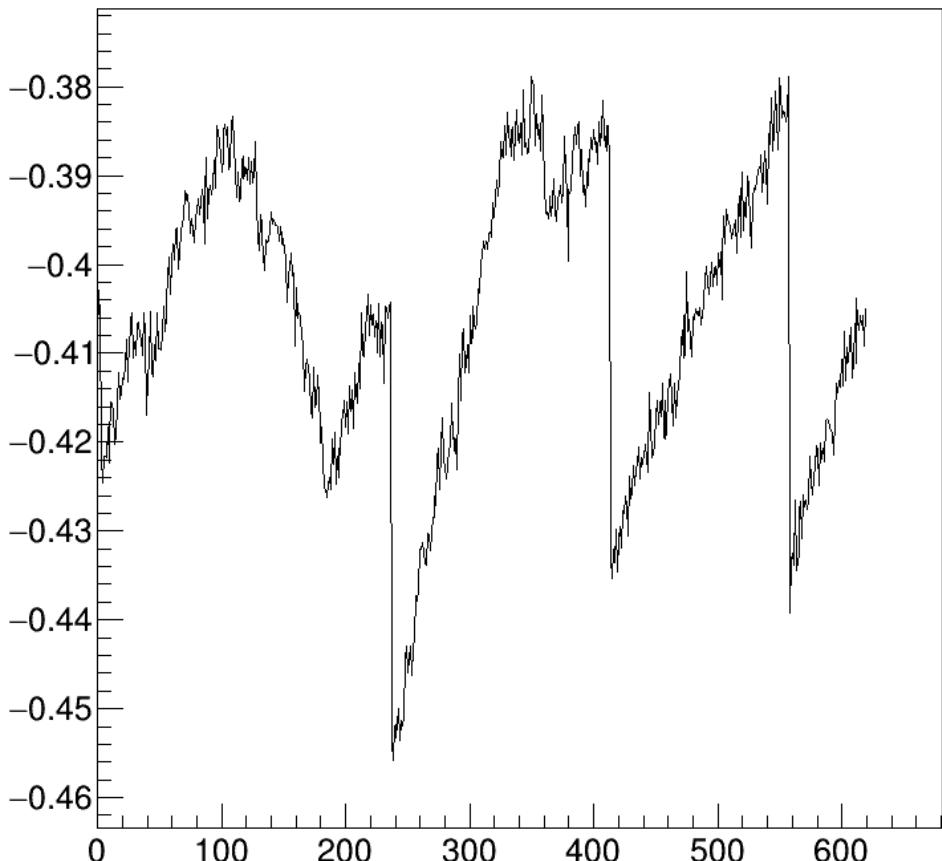
Button:4 vs but_sum BPM:5, X6C, 1876828-1877450



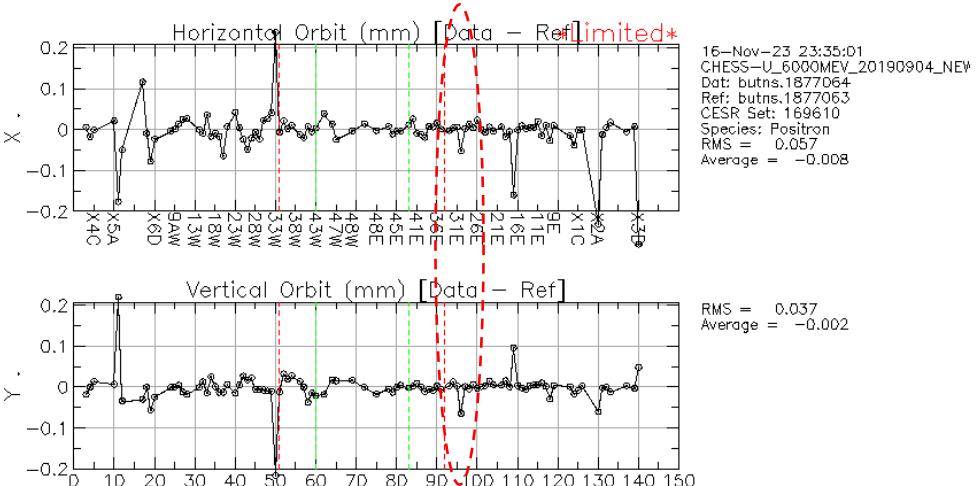
Horiz coord vs orbit nr BPm:69, 30E, 1876828-1877450.gif



Vert coord vs orbit nr BPm:69, 30E, 1876828-1877450.gif

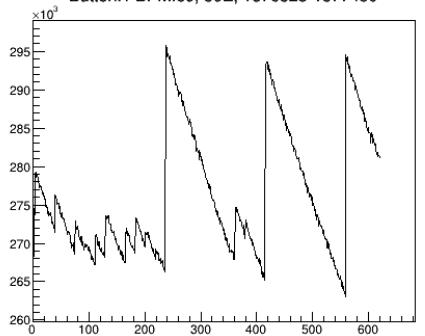


Data: 2023-11-16 23:34:53 t1b1: e+, cern=125.08
Ref: 2023-11-16 23:33:44 t1b1: e+, cern=122.27

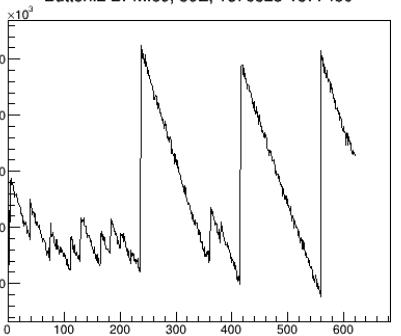


Button:4 behaves differently from other three

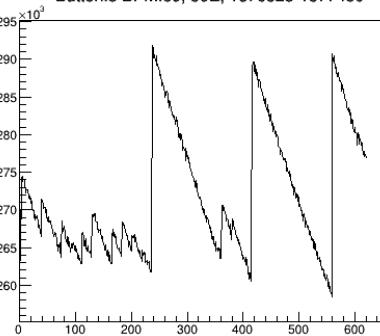
Button:1 BPM:69, 30E, 1876828-1877450



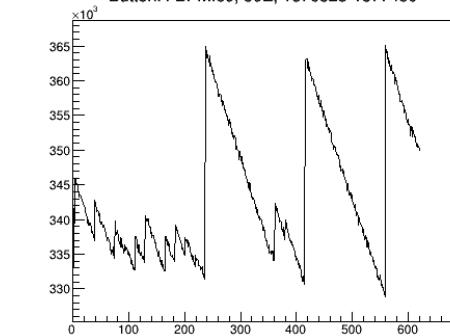
Button:2 BPM:69, 30E, 1876828-1877450



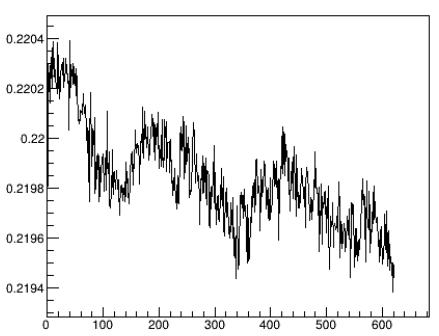
Button:3 BPM:69, 30E, 1876828-1877450



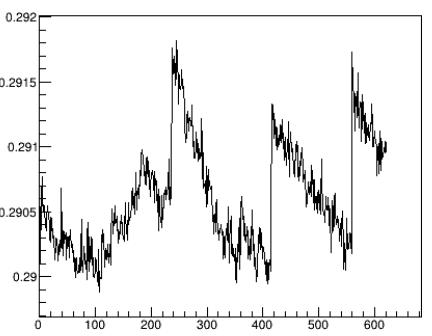
Button:4 BPM:69, 30E, 1876828-1877450



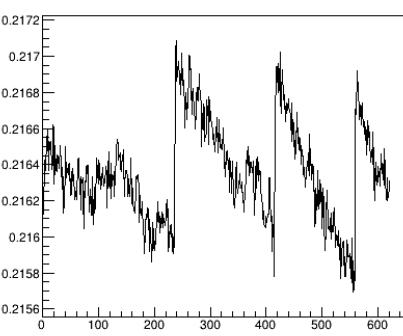
Button:1/sum BPM:69, 30E, 1876828-1877450



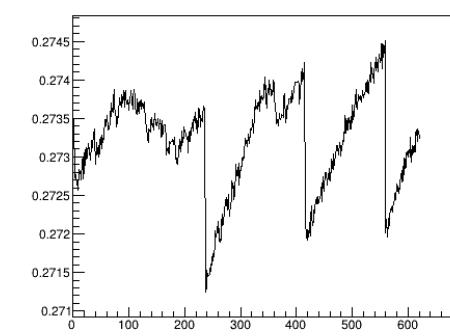
Button:2/sum BPM:69, 30E, 1876828-1877450



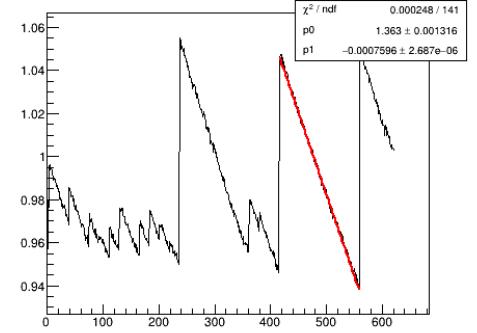
Button:3/sum BPM:69, 30E, 1876828-1877450



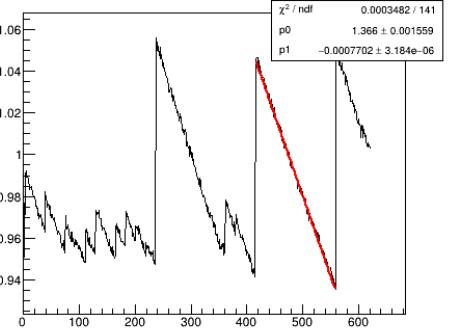
Button:4/sum BPM:69, 30E, 1876828-1877450



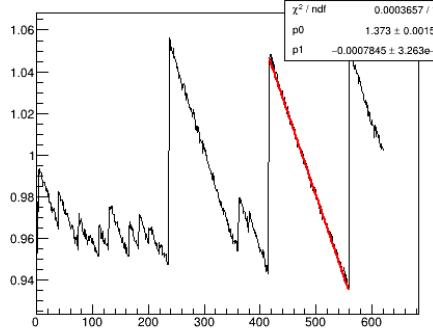
Button:1/Button:1(0) BPM:69, 30E, 1876828-1877450



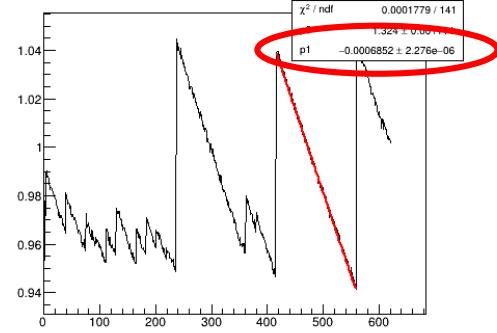
Button:2/Button:2(0) BPM:69, 30E, 1876828-1877450



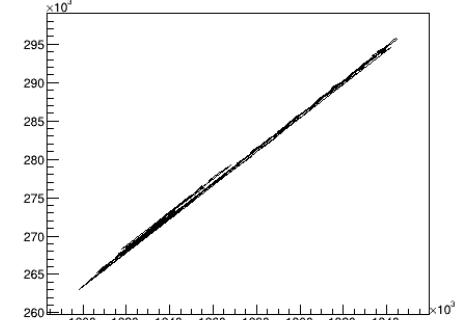
Button:3/Button:3(0) BPM:69, 30E, 1876828-1877450



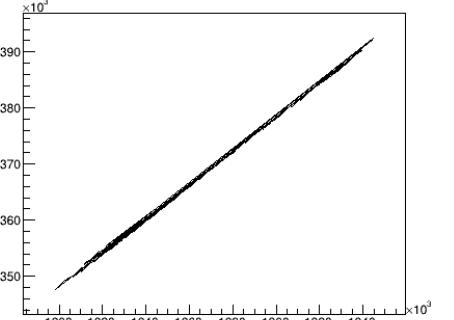
Button:4/Button:4(0) BPM:69, 30E, 1876828-1877450



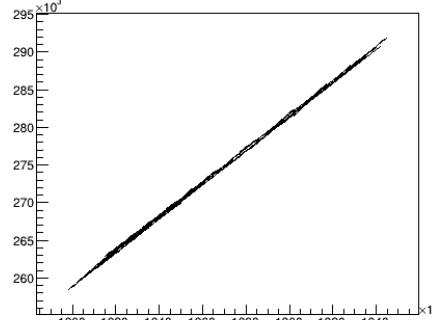
Button:1 vs but_sum BPM:69, 30E, 1876828-1877450



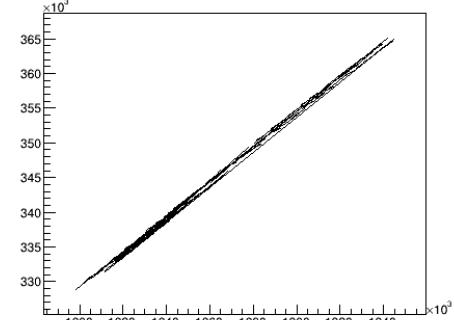
Button:2 vs but_sum BPM:69, 30E, 1876828-1877450



Button:3 vs but_sum BPM:69, 30E, 1876828-1877450

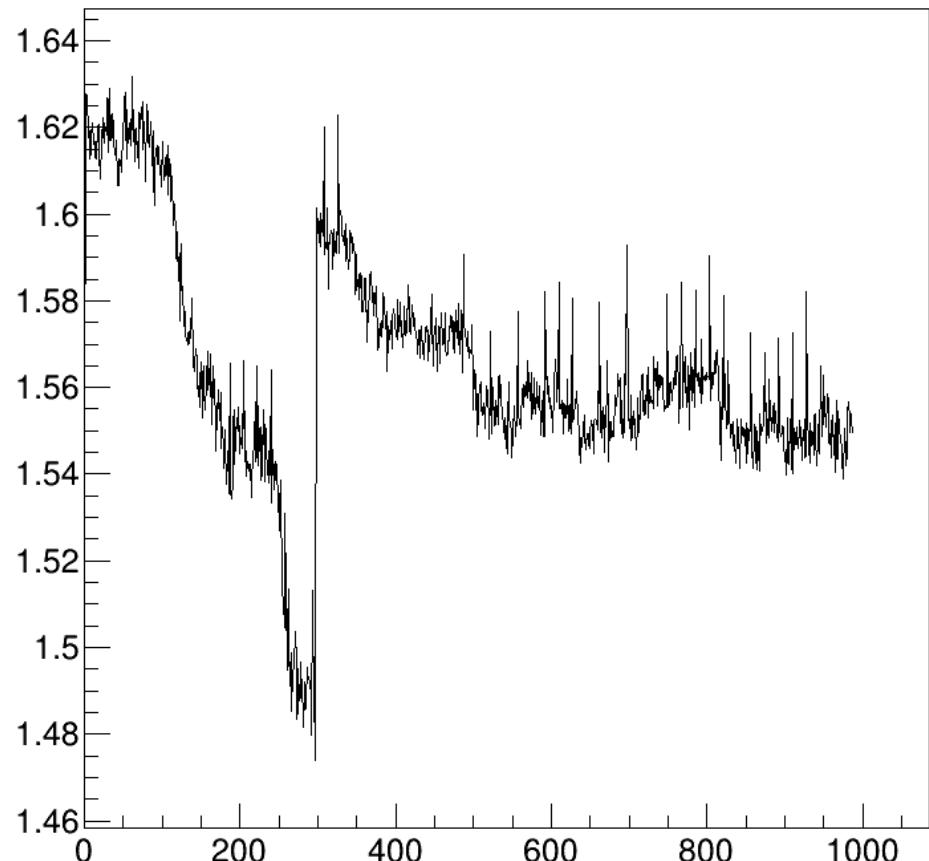
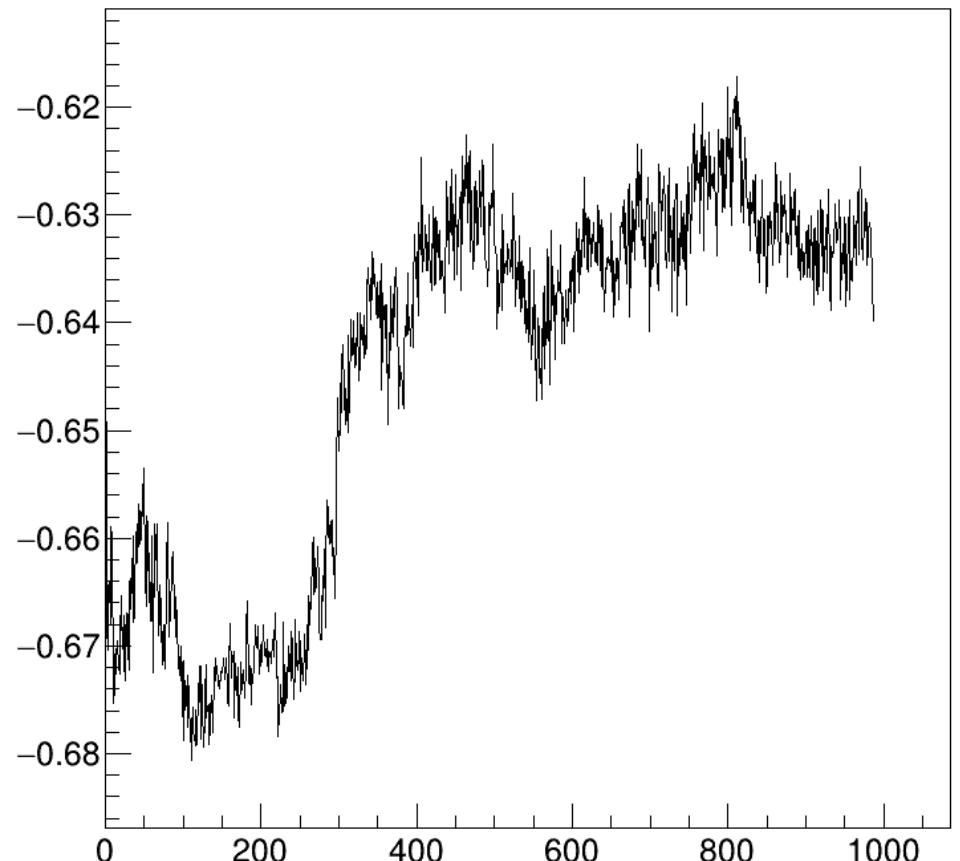


Button:4 vs but_sum BPM:69, 30E, 1876828-1877450

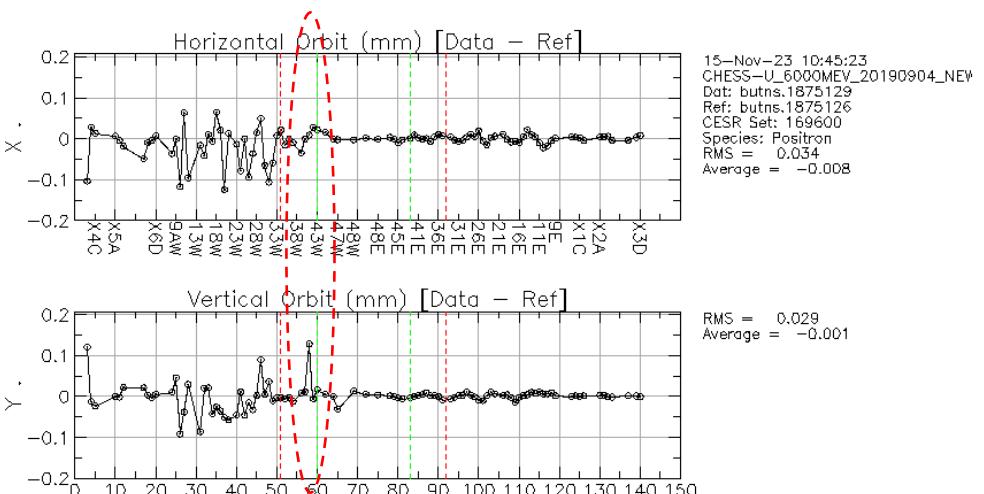


Horiz coord vs orbit nr BPm:41, 41W, 1874828-1875828.gif

Vert coord vs orbit nr BPm:41, 41W, 1874828-1875828.gif

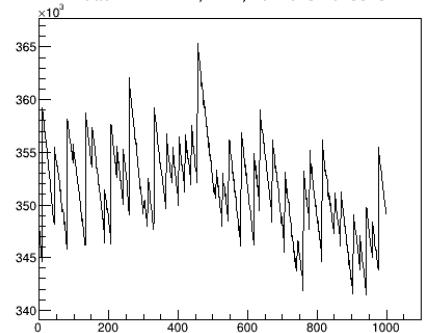


Data: 2023-11-15 10:45:13 t1b1: e+, cern=123.91
Ref: 2023-11-15 10:41:48 t1b1: e+, cern=124.42

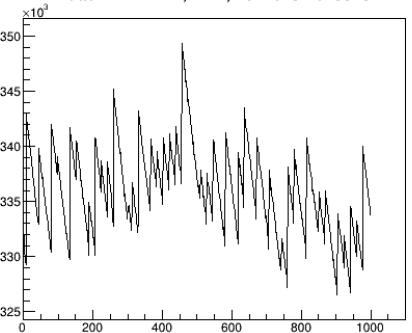


Maybe a real (chamber) move ?

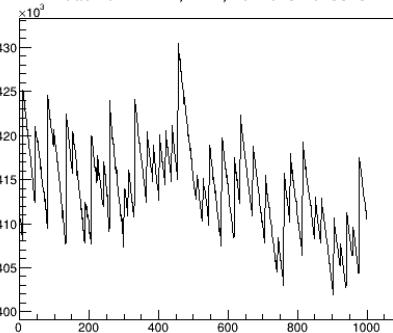
Button:1 BPM:41, 41W, 1874828-1875828



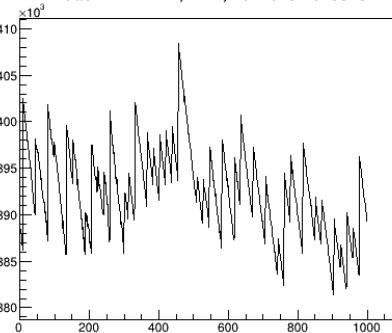
Button:2 BPM:41, 41W, 1874828-1875828



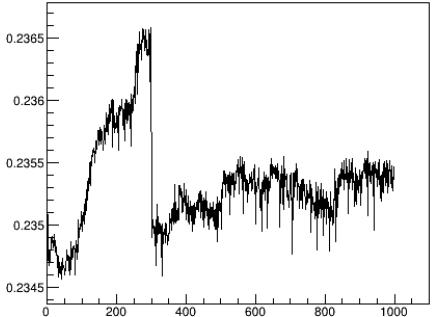
Button:3 BPM:41, 41W, 1874828-1875828



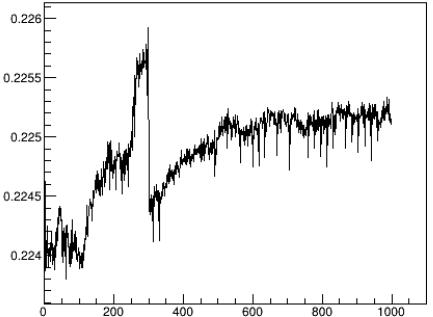
Button:4 BPM:41, 41W, 1874828-1875828



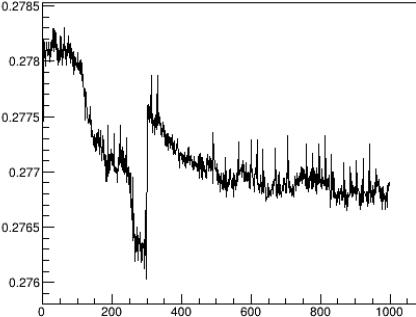
Button:1/sum BPM:41, 41W, 1874828-1875828



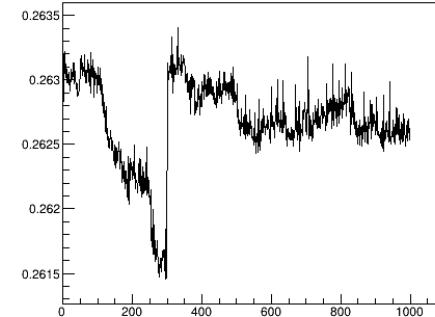
Button:2/sum BPM:41, 41W, 1874828-1875828



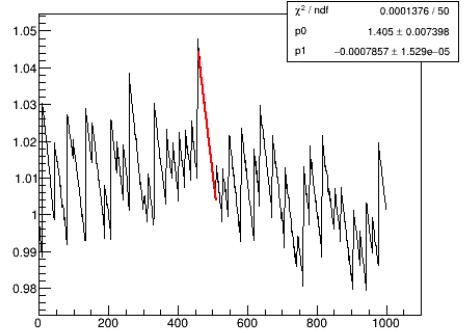
Button:3/sum BPM:41, 41W, 1874828-1875828



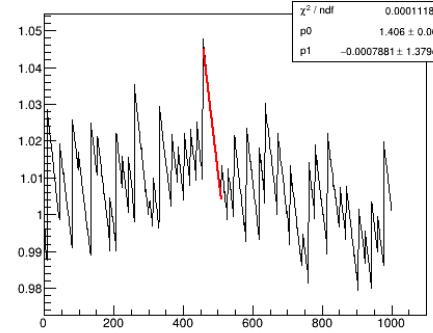
Button:4/sum BPM:41, 41W, 1874828-1875828



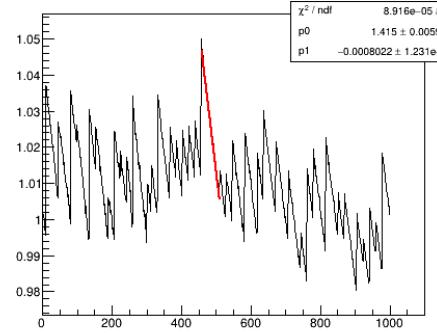
Button:1/Button:1(0) BPM:41, 41W, 1874828-1875828



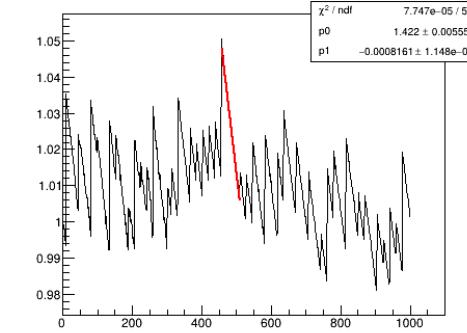
Button:2/Button:2(0) BPM:41, 41W, 1874828-1875828



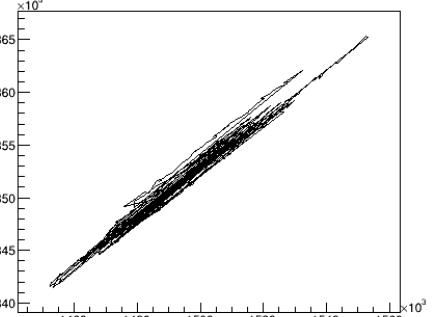
Button:3/Button:3(0) BPM:41, 41W, 1874828-1875828



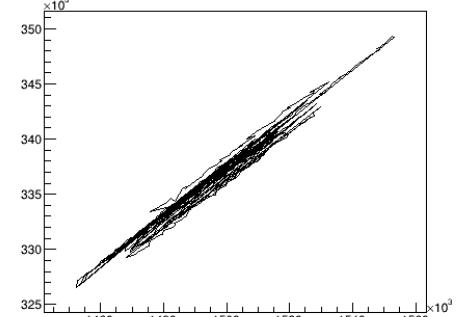
Button:4/Button:4(0) BPM:41, 41W, 1874828-1875828



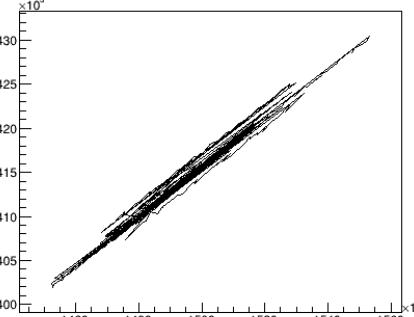
Button:1 vs but_sum BPM:41, 41W, 1874828-1875828



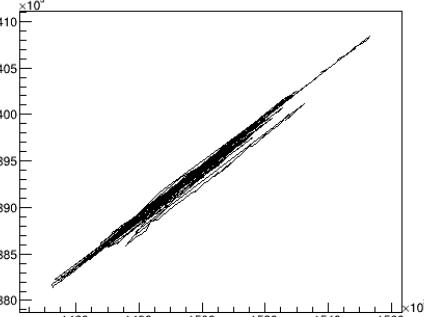
Button:2 vs but_sum BPM:41, 41W, 1874828-1875828



Button:3 vs but_sum BPM:41, 41W, 1874828-1875828

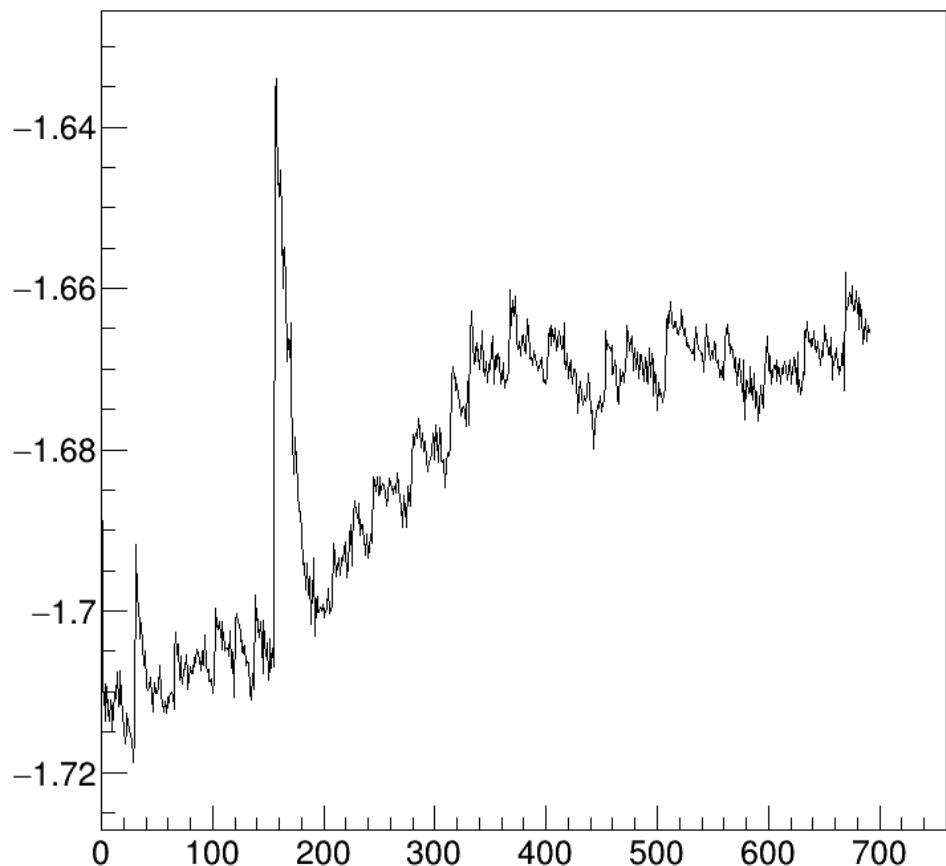
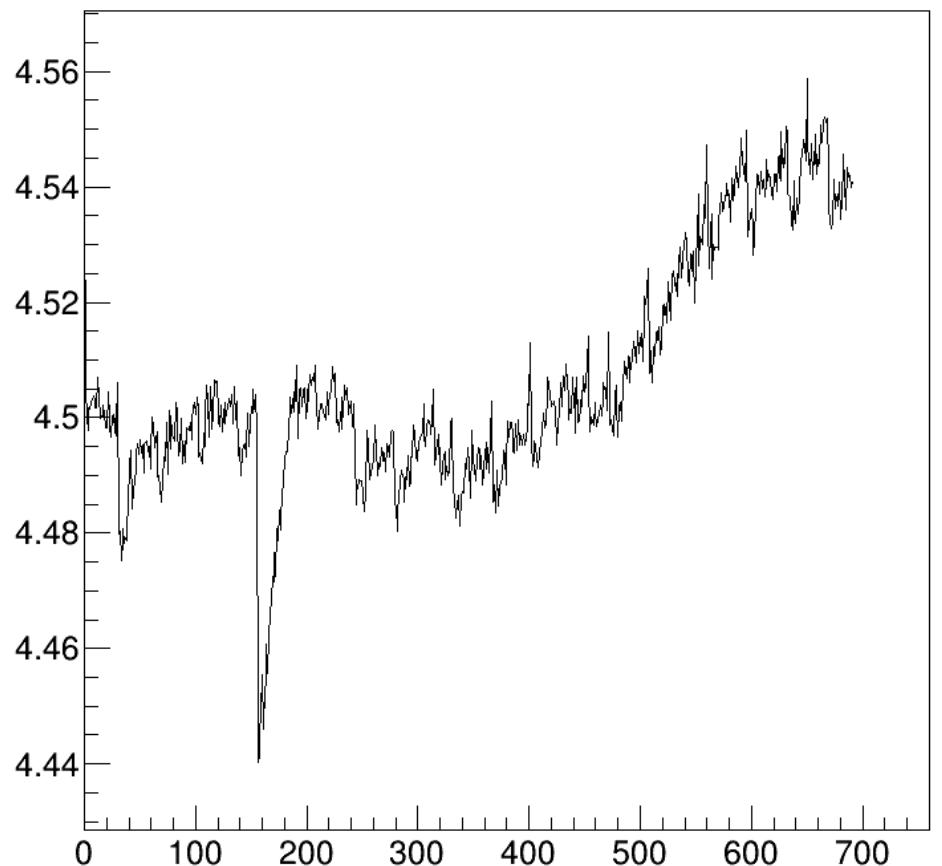


Button:4 vs but_sum BPM:41, 41W, 1874828-1875828



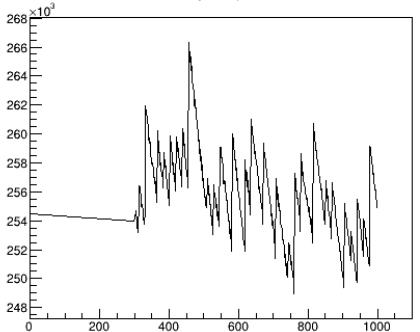
Horiz coord vs orbit nr BPm:110, X5B, 1874828-1875828.gif

Vert coord vs orbit nr BPm:110, X5B, 1874828-1875828.gif

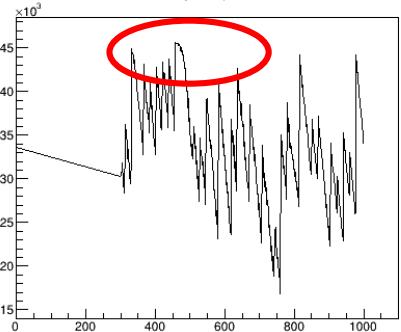


Button:2 is saturated

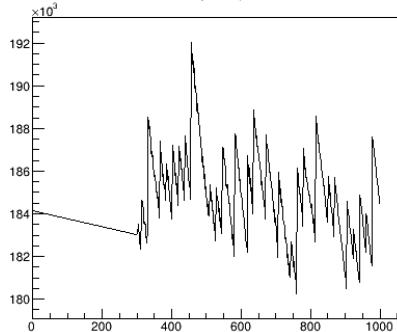
Button:1 BPM:110, X5B, 1874828-1875828



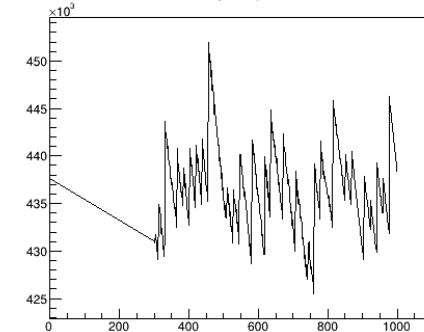
Button:2 BPM:110, X5B, 1874828-1875828



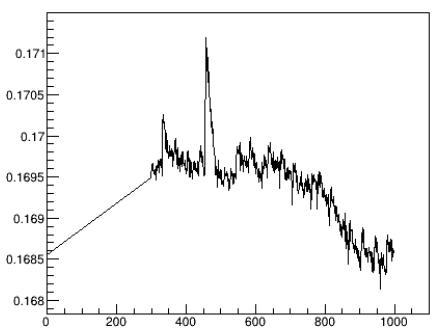
Button:3 BPM:110, X5B, 1874828-1875828



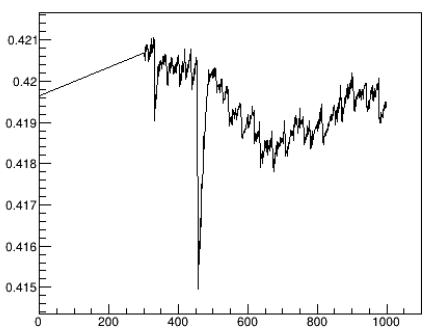
Button:4 BPM:110, X5B, 1874828-1875828



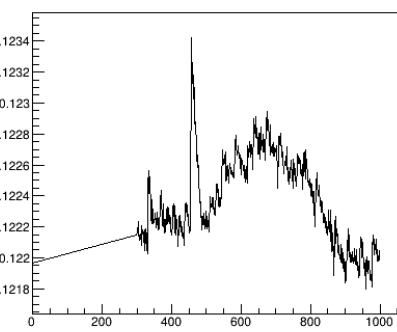
Button:1/sum BPM:110, X5B, 1874828-1875828



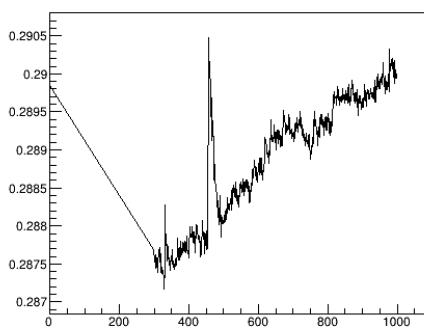
Button:2/sum BPM:110, X5B, 1874828-1875828



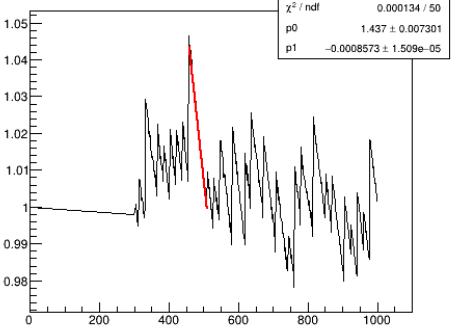
Button:3/sum BPM:110, X5B, 1874828-1875828



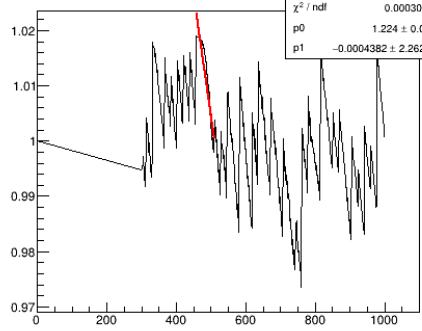
Button:4/sum BPM:110, X5B, 1874828-1875828



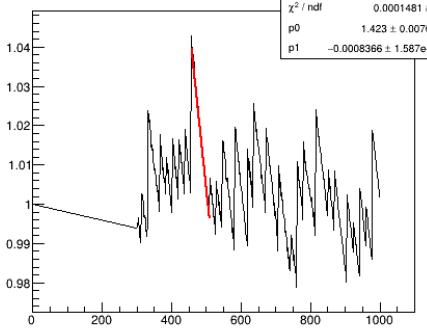
Button:1/Button:1(0) BPM:110, X5B, 1874828-1875828



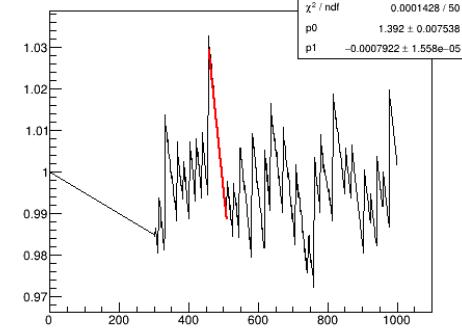
Button:2/Button:2(0) BPM:110, X5B, 1874828-1875828



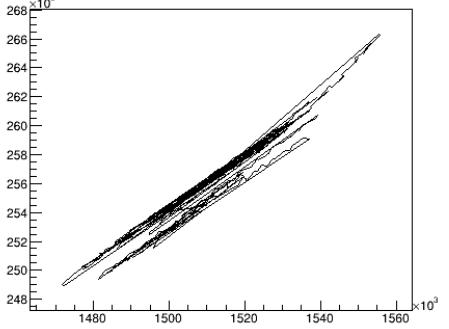
Button:3/Button:3(0) BPM:110, X5B, 1874828-1875828



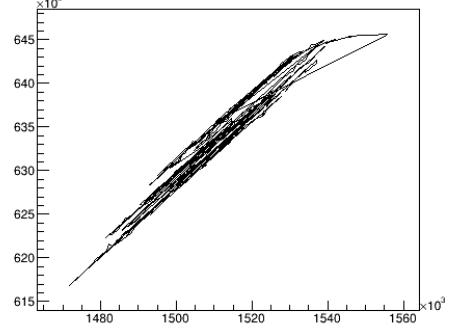
Button:4/Button:4(0) BPM:110, X5B, 1874828-1875828



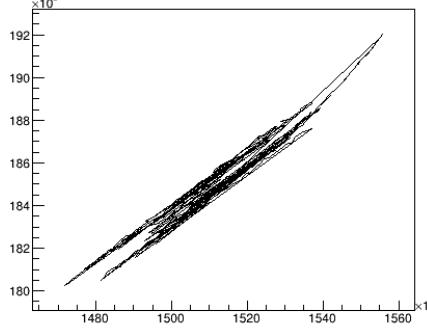
Button:1 vs but_sum BPM:110, X5B, 1874828-1875828



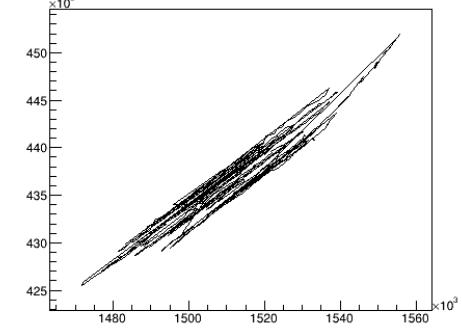
Button:2 vs but_sum BPM:110, X5B, 1874828-1875828

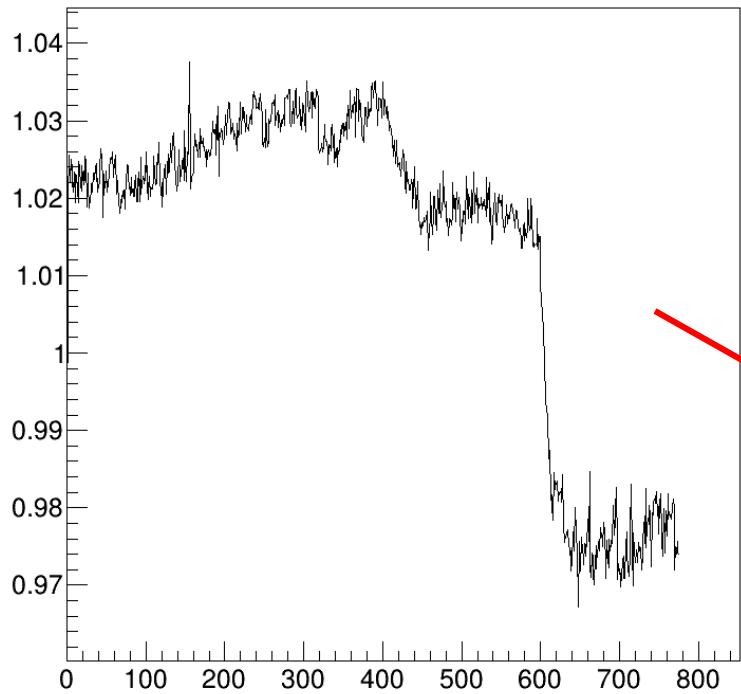


Button:3 vs but_sum BPM:110, X5B, 1874828-1875828

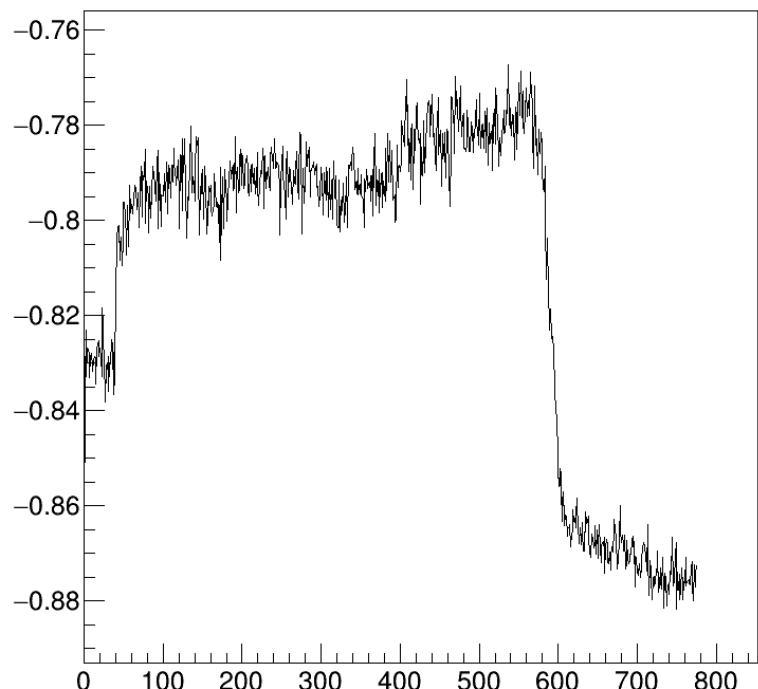


Button:4 vs but_sum BPM:110, X5B, 1874828-1875828





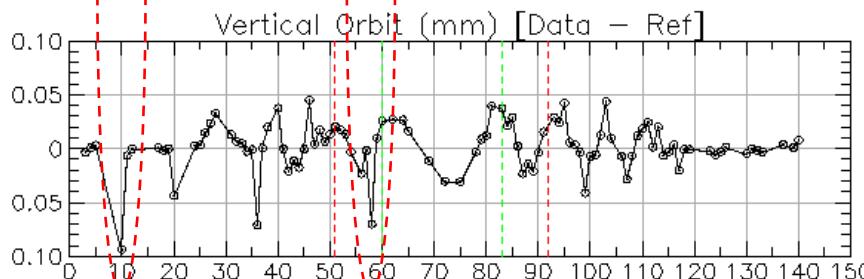
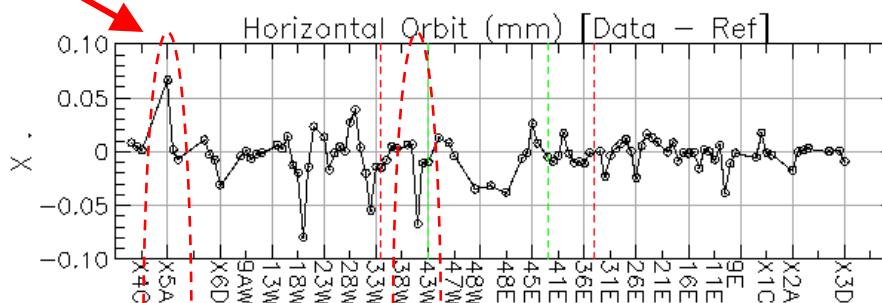
Horiz coord vs orbit nr BPm:41, 41W, 1867604-1868385.gif

**Previous week data**

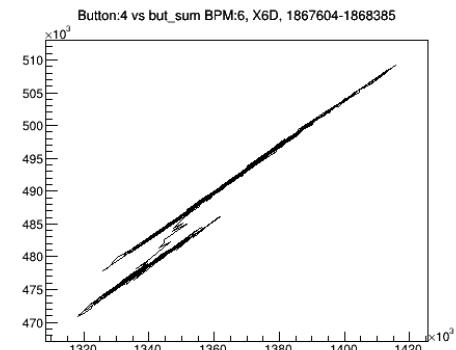
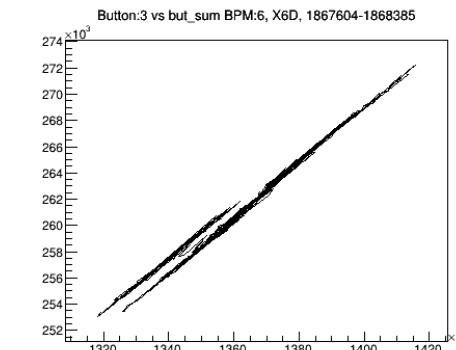
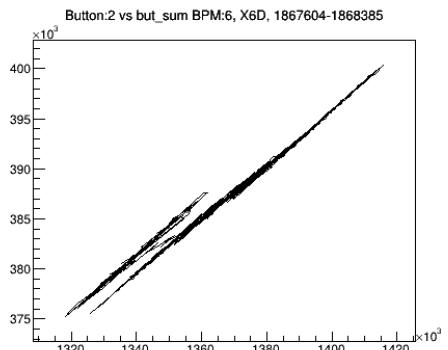
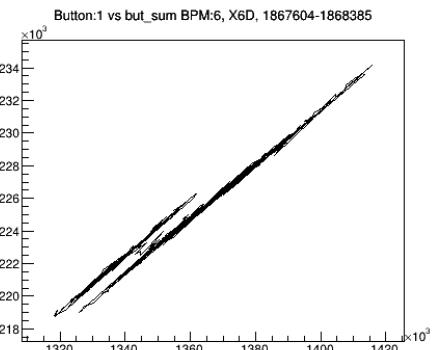
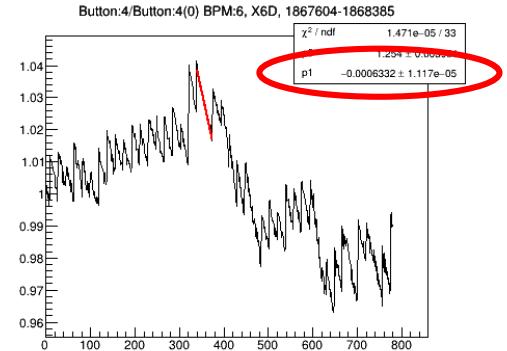
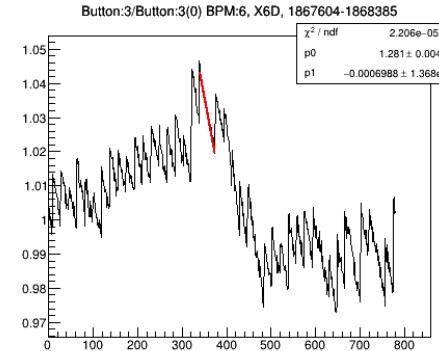
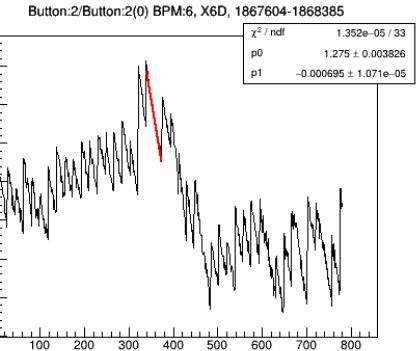
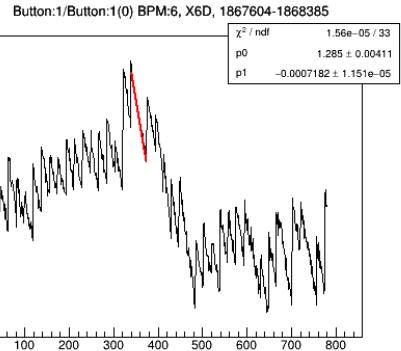
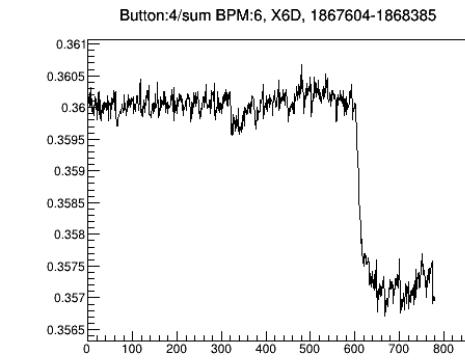
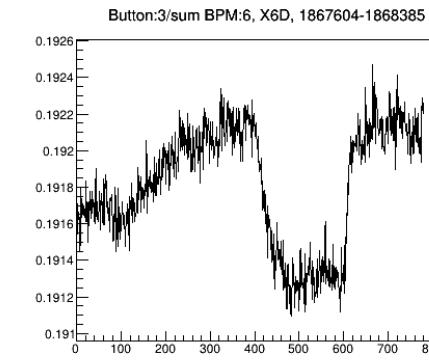
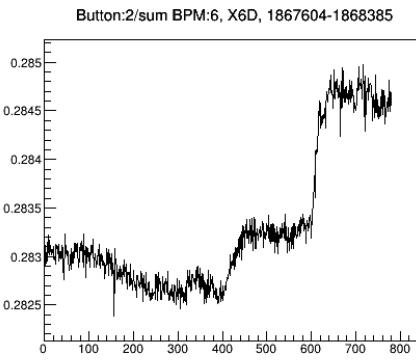
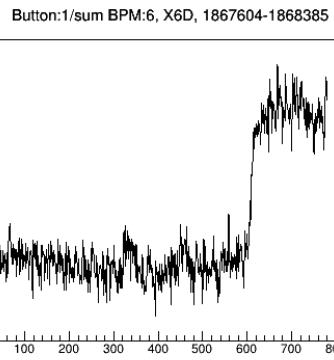
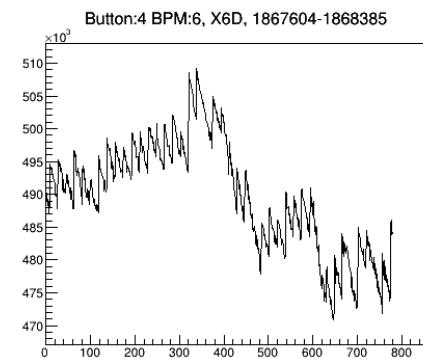
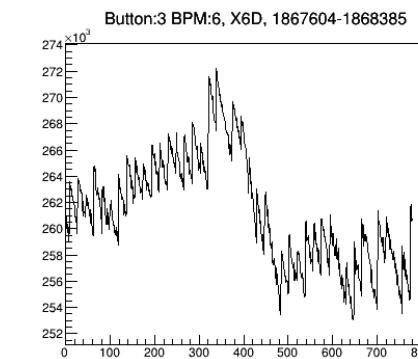
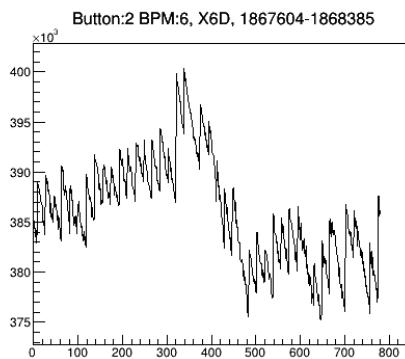
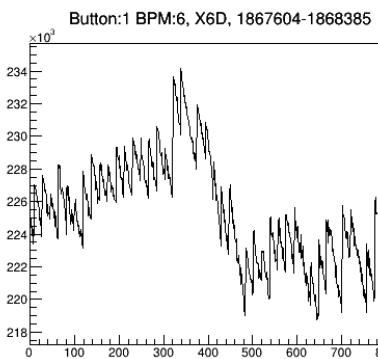
17 excluded bpms:

19W 20W 21W 24W 25W 29W
 41W 43W 44E 37E 26E 25E
 17E 17E X3D X4B X6D

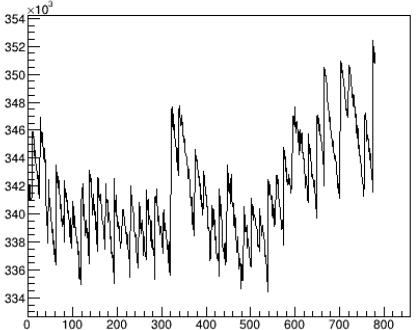
Data: 2023-11-09 00:06:35 t1b1: e+, cern=124.25
 Ref: 2023-11-08 21:49:50 t1b1: e+, cern=122.87



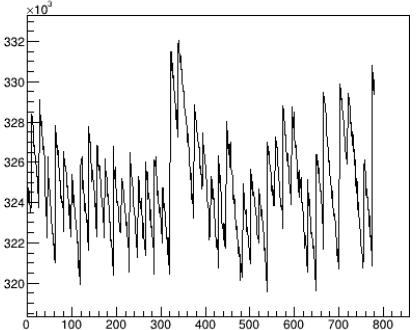
**Maybe a real move or something is wrong
 with X6D button:4 and 41W button:2**



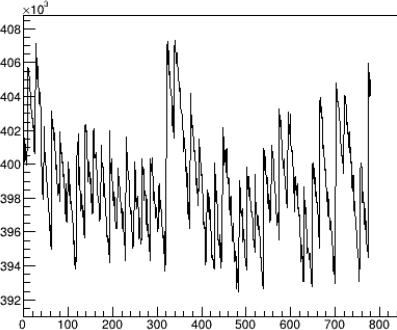
Button:1 BPM:41, 41W, 1867604-1868385



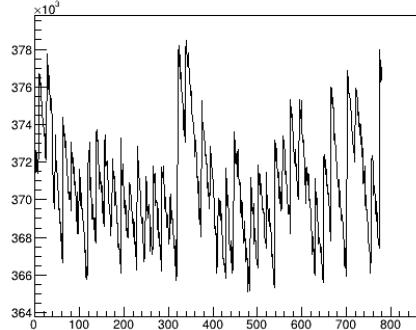
Button:2 BPM:41, 41W, 1867604-1868385



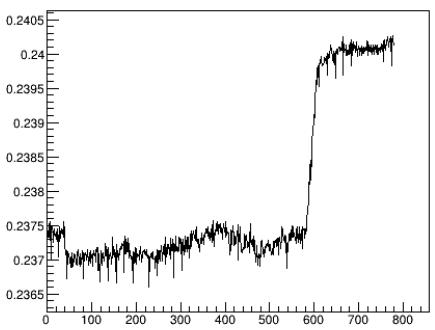
Button:3 BPM:41, 41W, 1867604-1868385



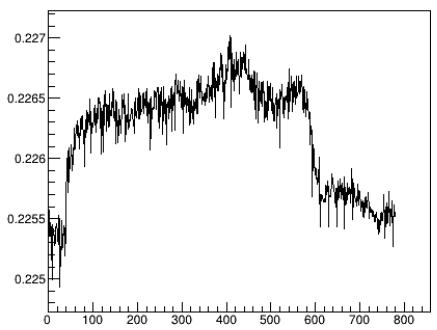
Button:4 BPM:41, 41W, 1867604-1868385



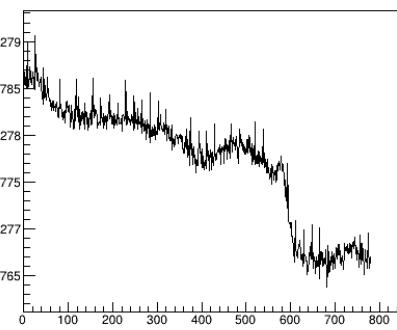
Button:1/sum BPM:41, 41W, 1867604-1868385



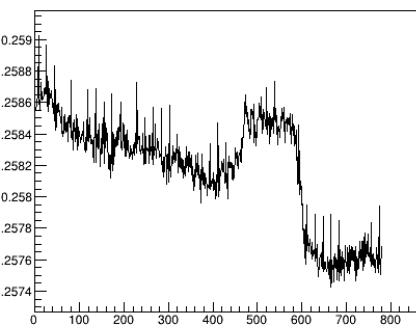
Button:2/sum BPM:41, 41W, 1867604-1868385



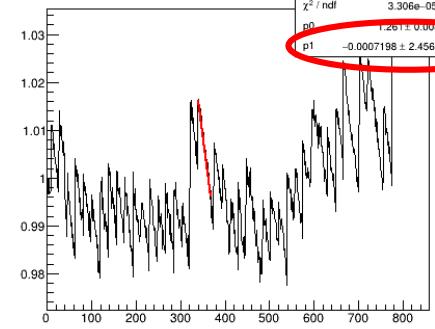
Button:3/sum BPM:41, 41W, 1867604-1868385



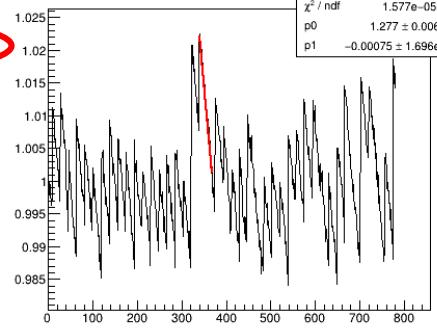
Button:4/sum BPM:41, 41W, 1867604-1868385



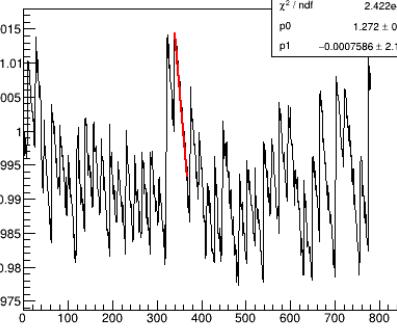
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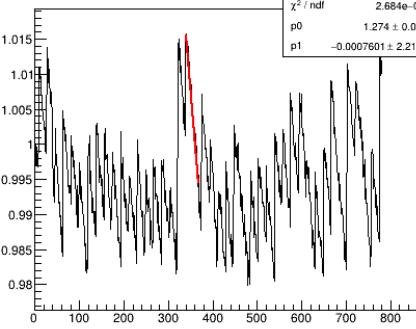
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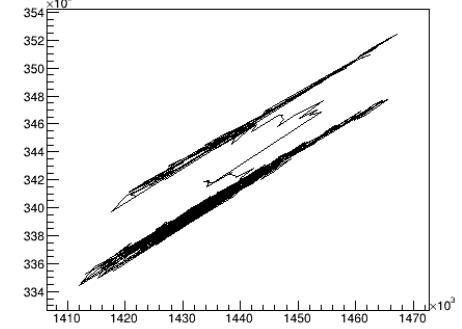
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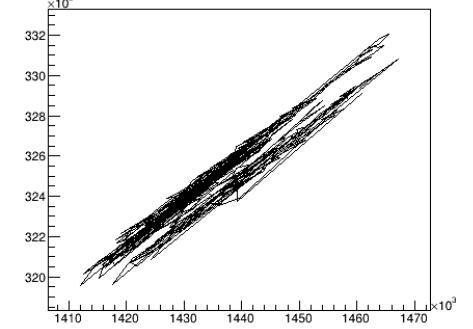
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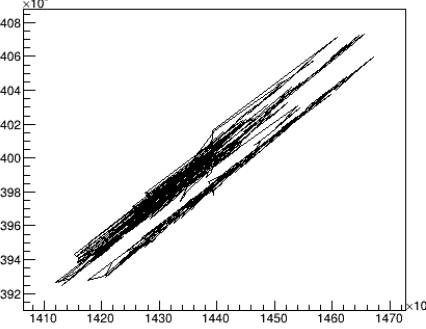
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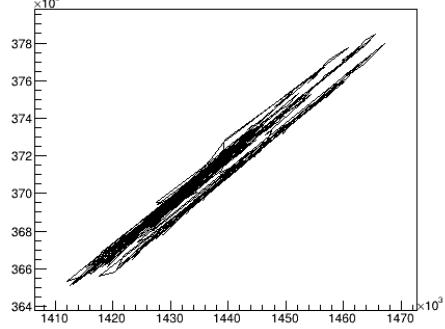
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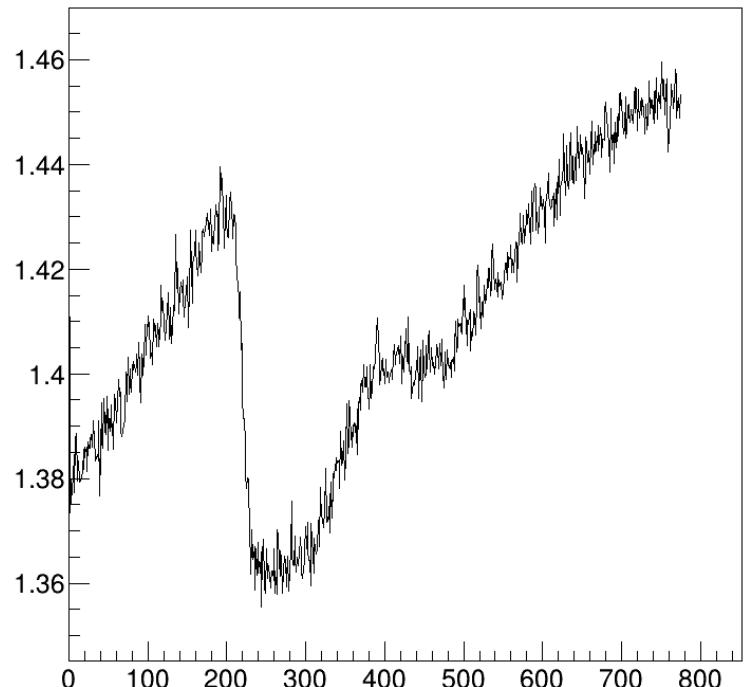
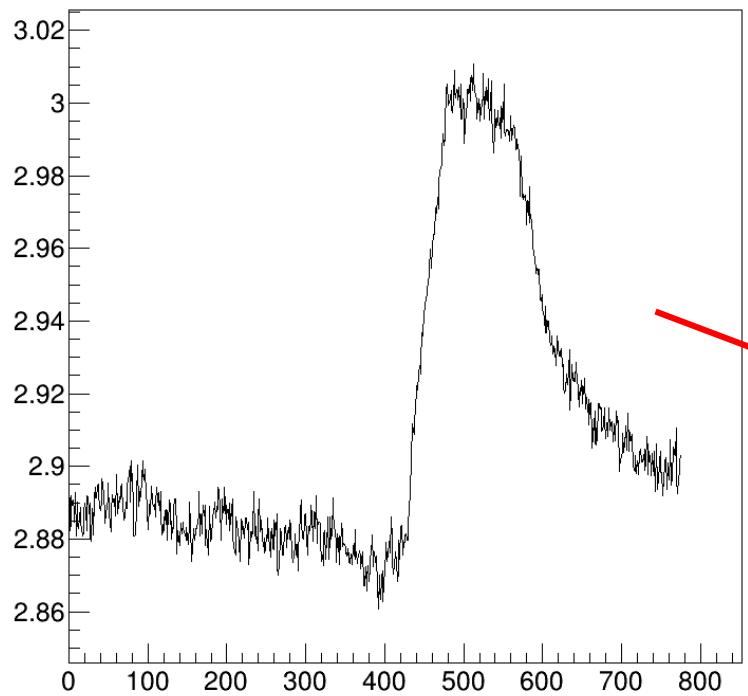


Button:3 vs but_sum BPM:41, 41W, 1867604-1868385



Button:4 vs but_sum BPM:41, 41W, 1867604-1868385



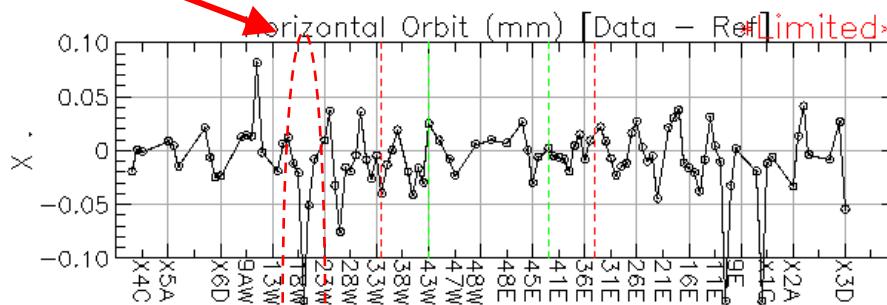


Previous week data

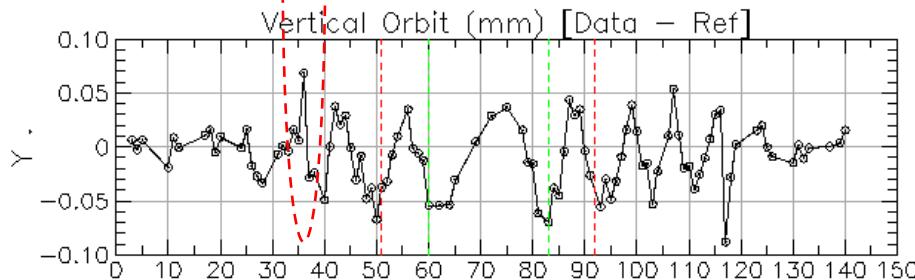
17 excluded bpms:

19W 20W 21W 24W 25W 29W
41W 43W 44E 37E 26E 25E
17E 17E X3D X4B X6D

Data: 2023-11-08 19:55:53 t1b1: e+, cern=124.48
Ref: 2023-11-08 21:49:50 t1b1: e+, cern=122.87



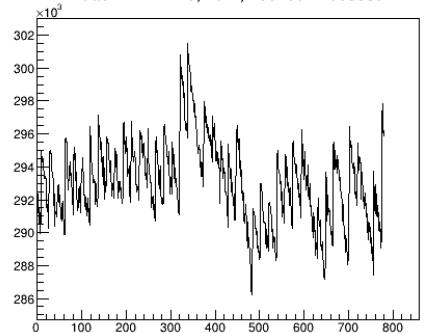
08-Nov-23 19:56:01
CHESS-U_6000MEV_20190904_NEW
Dat: butns.1868000
Ref: butns.1868100
CESR Set: 169514
Species: Positron
RMS = 0.049
Average = -0.011



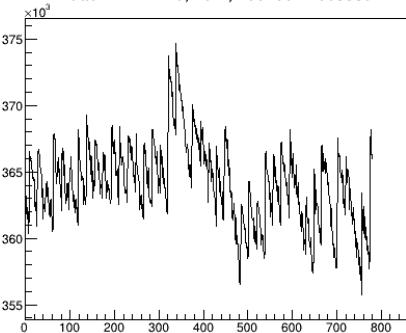
RMS = 0.030
Average = -0.008

Maybe real (chamber) move?

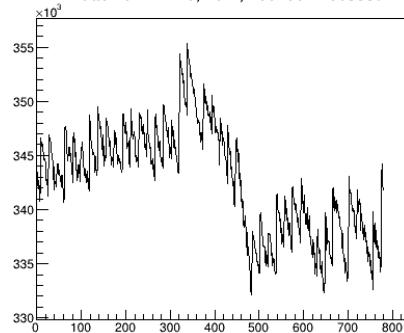
Button:1 BPM:19, 19W, 1867604-1868385



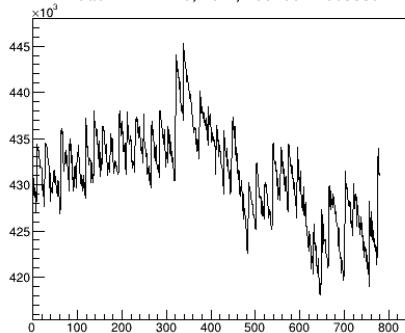
Button:2 BPM:19, 19W, 1867604-1868385



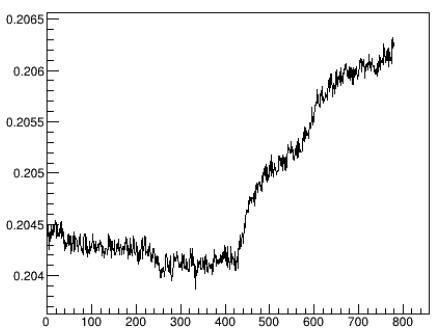
Button:3 BPM:19, 19W, 1867604-1868385



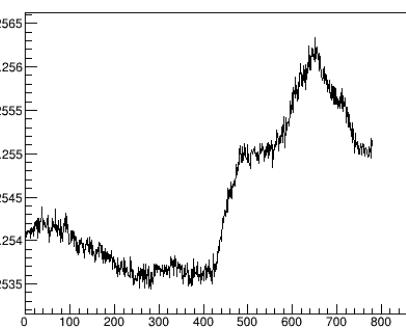
Button:4 BPM:19, 19W, 1867604-1868385



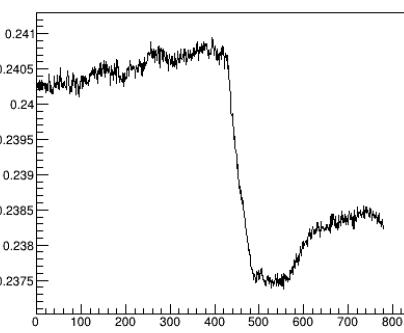
Button:1/sum BPM:19, 19W, 1867604-1868385



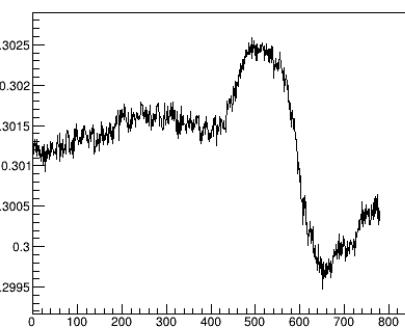
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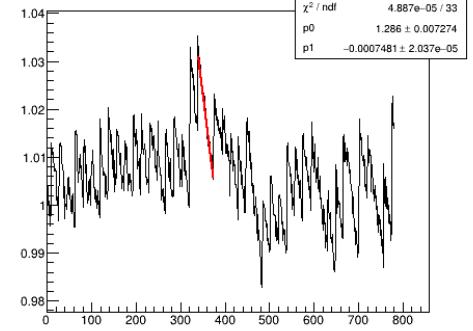
Button:3/sum BPM:19, 19W, 1867604-1868385



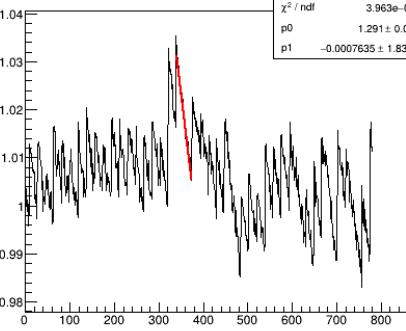
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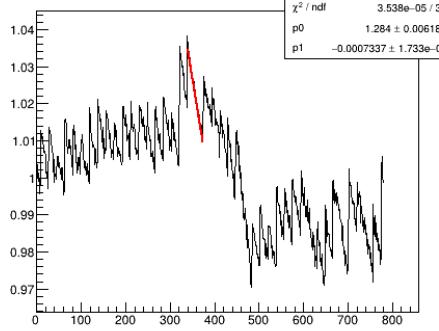
Button:1/Button:1(0) BPM:19, 19W, 1867604-1868385



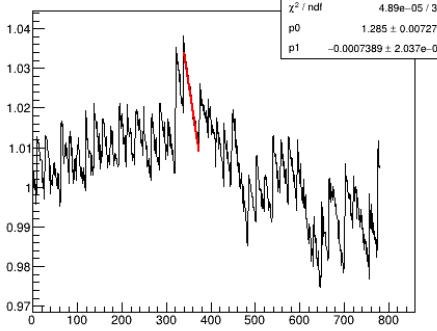
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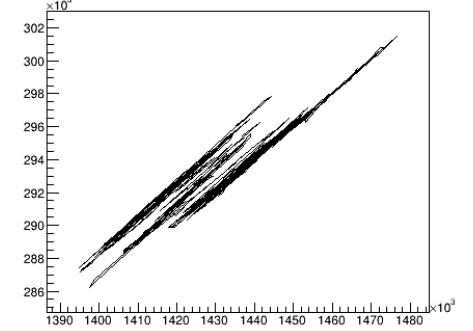
Button:3/Button:3(0) BPM:19, 19W, 1867604-1868385



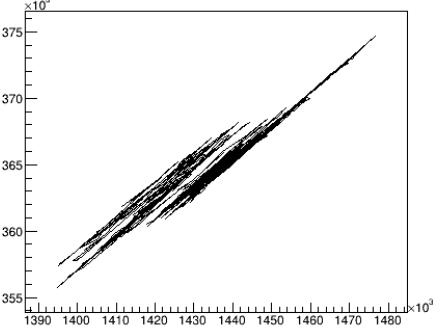
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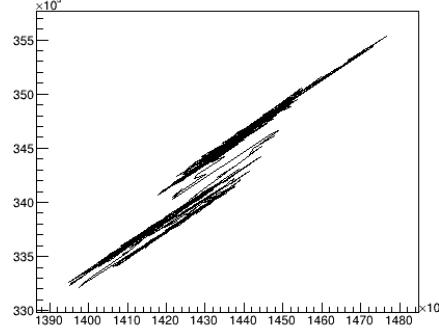
Button:1 vs but_sum BPM:19, 19W, 1867604-1868385



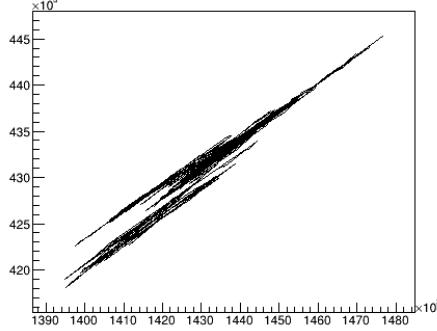
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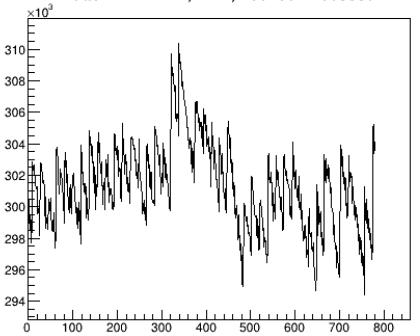
Button:3 vs but_sum BPM:19, 19W, 1867604-1868385



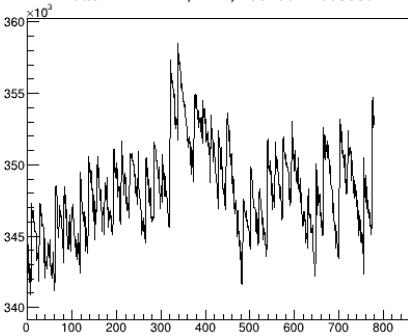
Button:4 vs but_sum BPM:19, 19W, 1867604-1868385



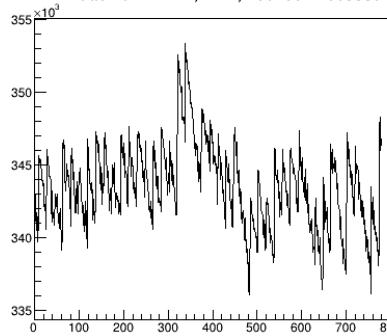
Button:1 BPM:21, 21W, 1867604-1868385



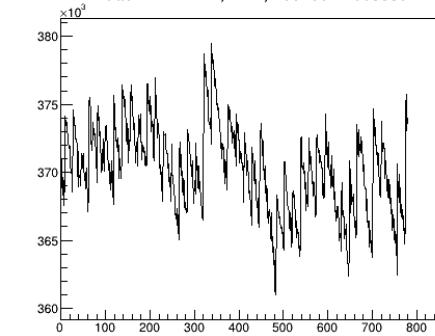
Button:2 BPM:21, 21W, 1867604-1868385



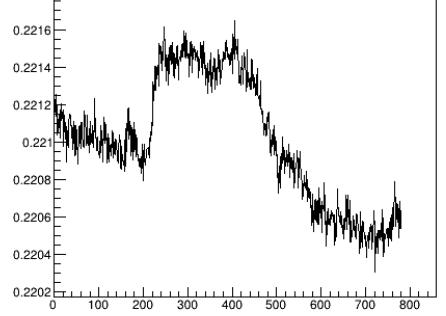
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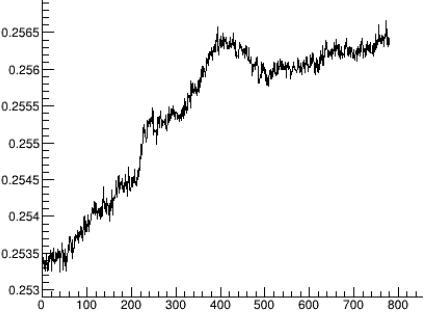
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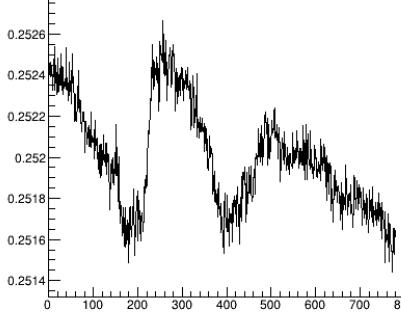
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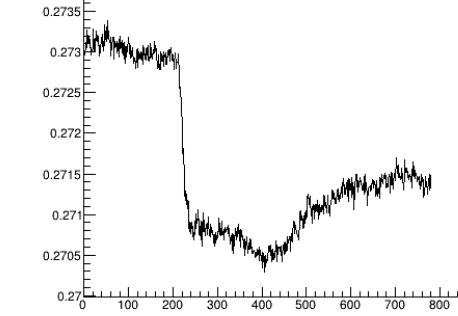
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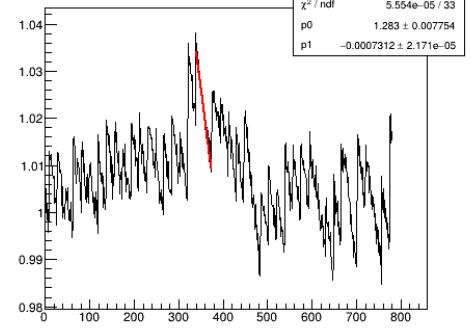
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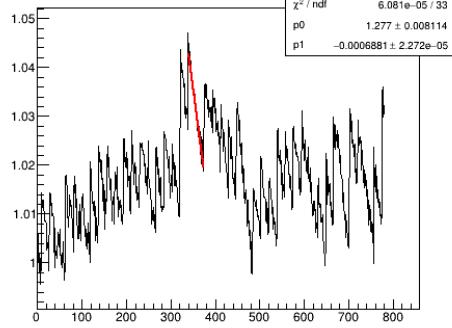
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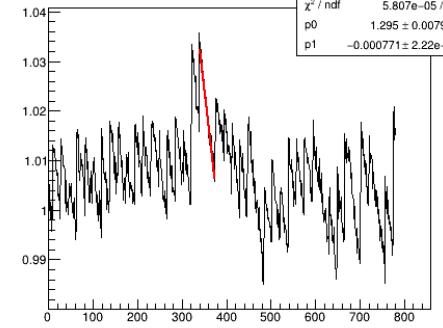
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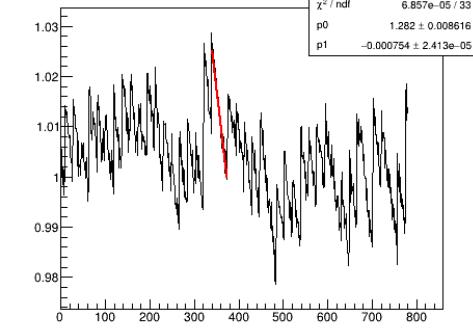
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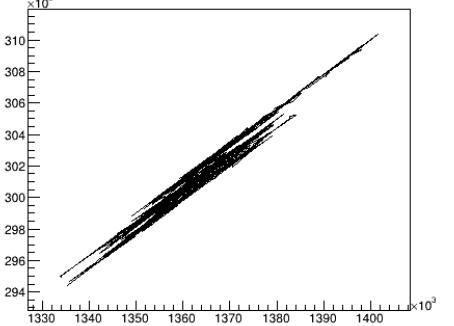
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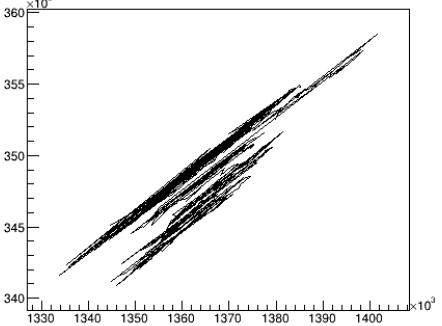
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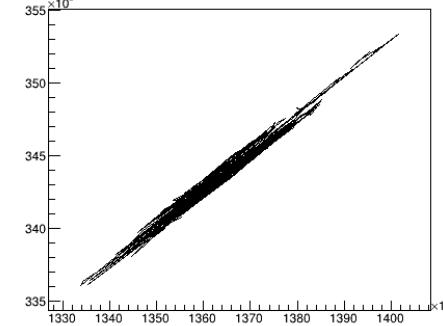
Button:1 vs but_sum BPM:21, 21W, 1867604-1868385



Button:2 vs but_sum BPM:21, 21W, 1867604-1868385



Button:3 vs but_sum BPM:21, 21W, 1867604-1868385



Button:4 vs but_sum BPM:21, 21W, 1867604-1868385

