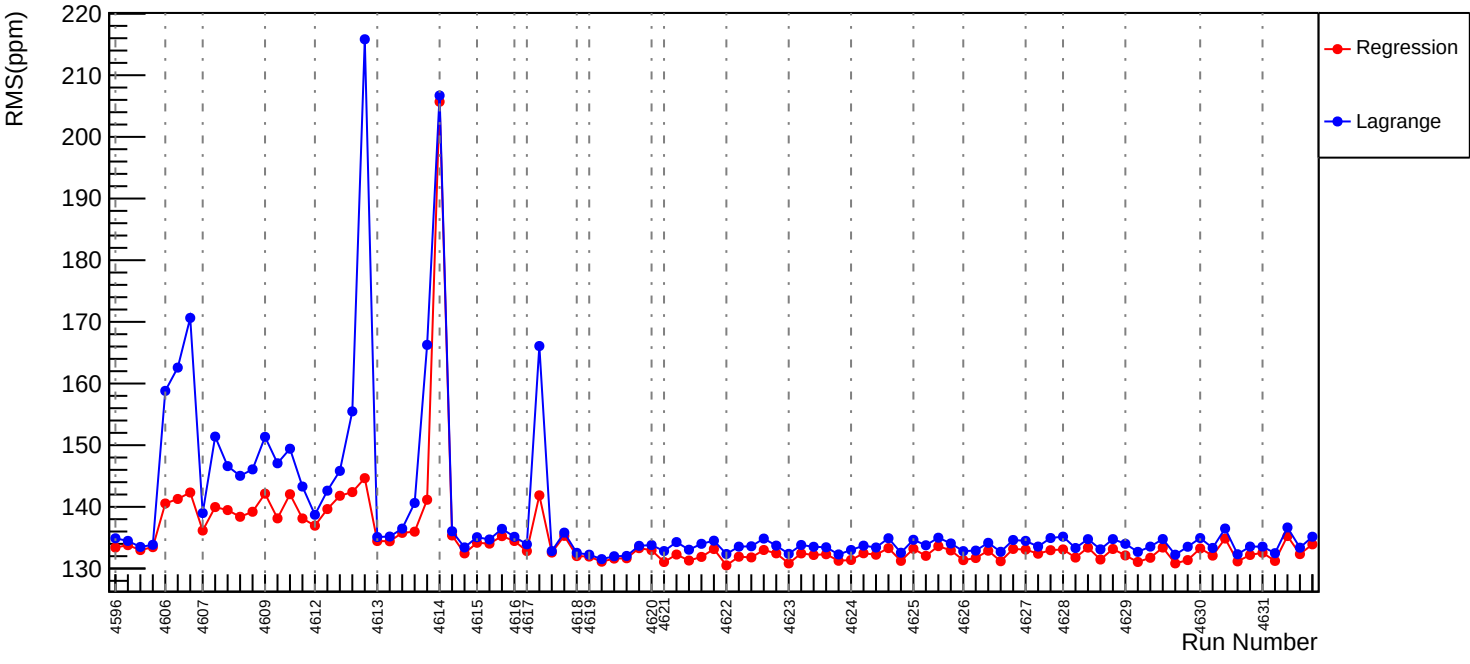
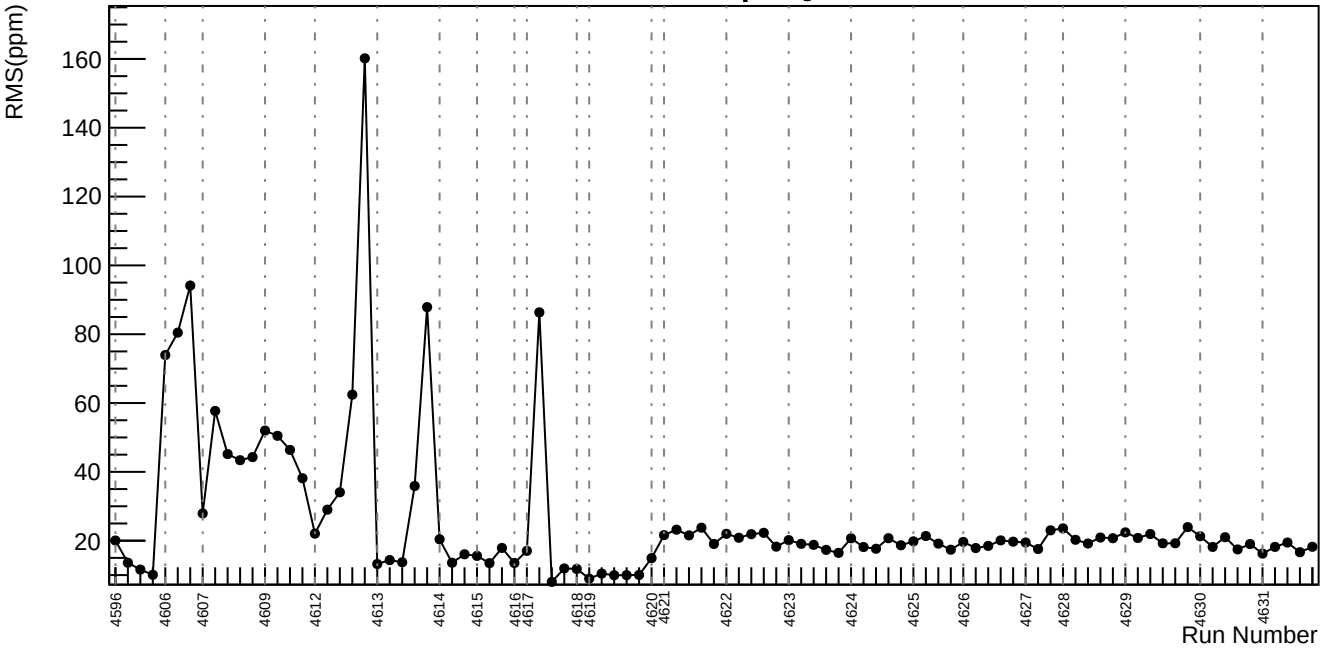
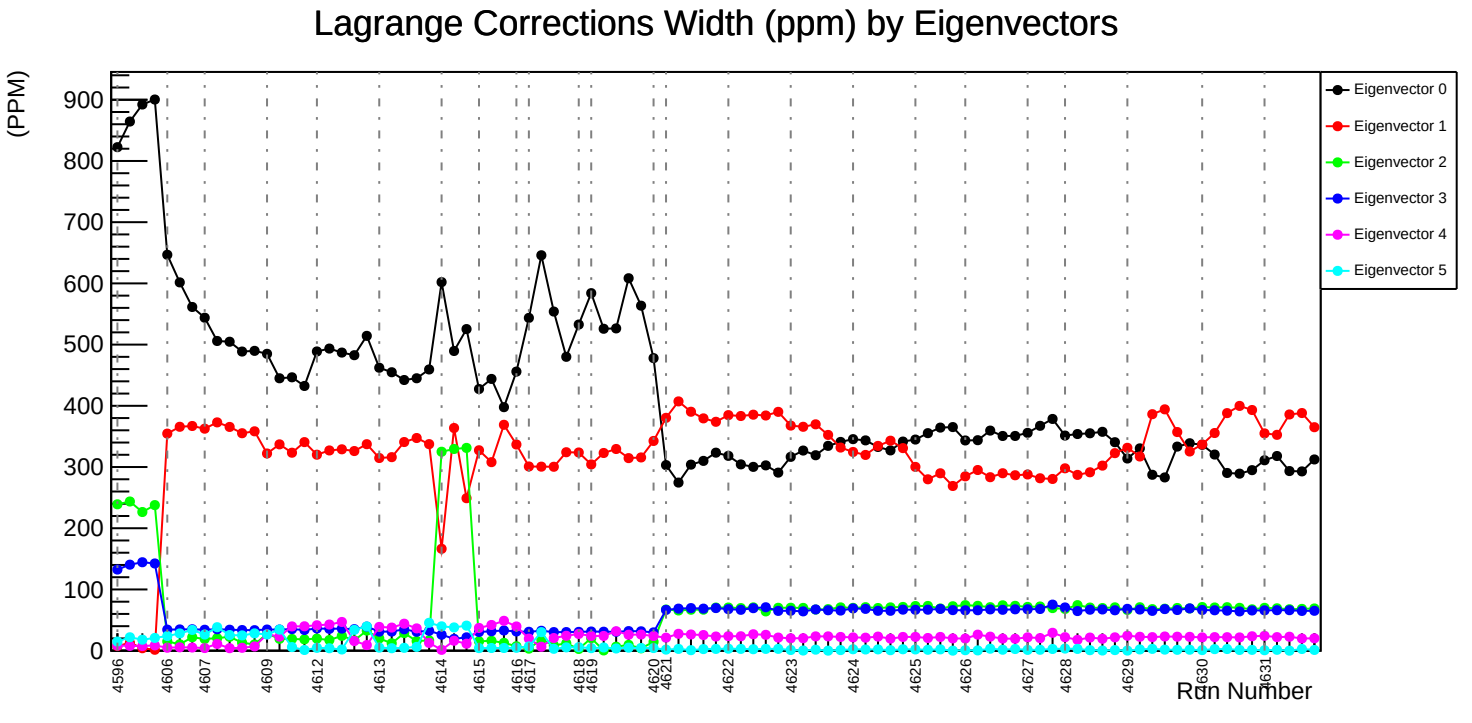
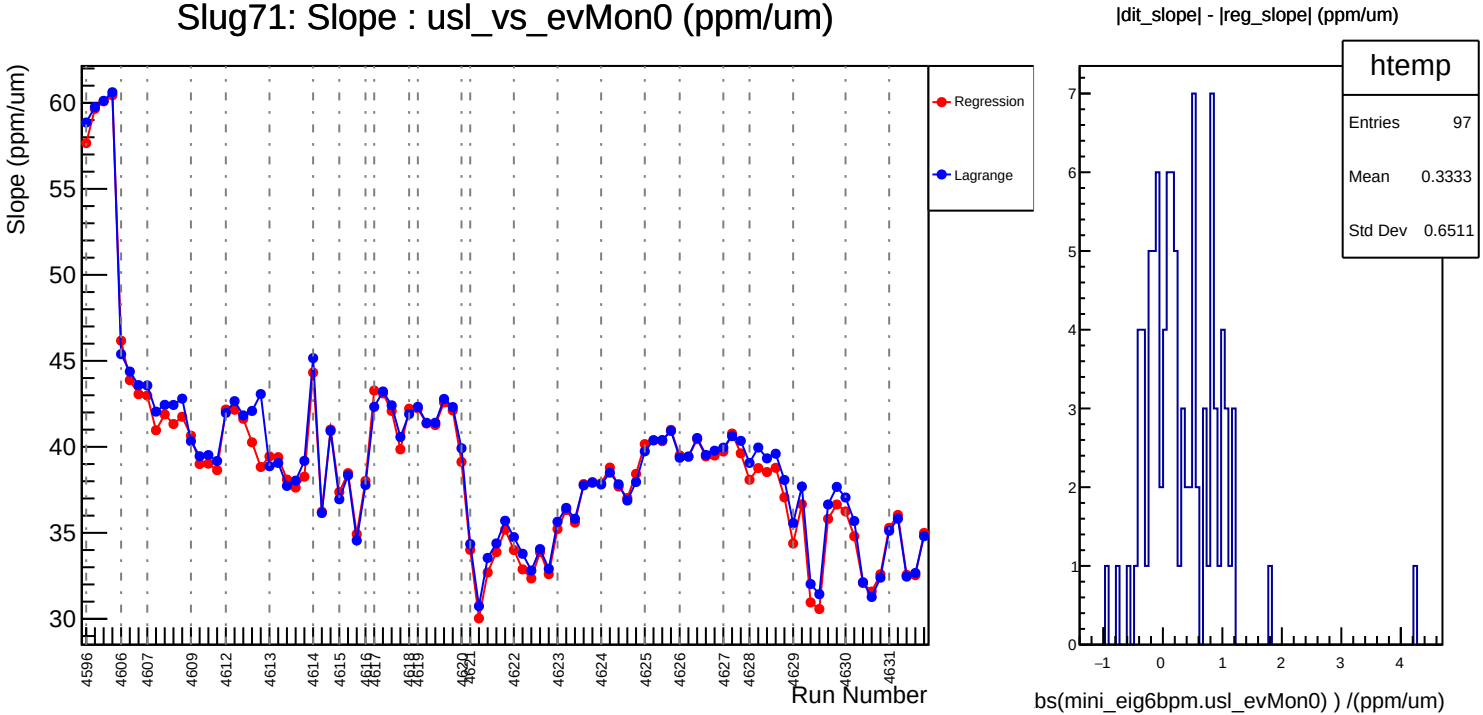
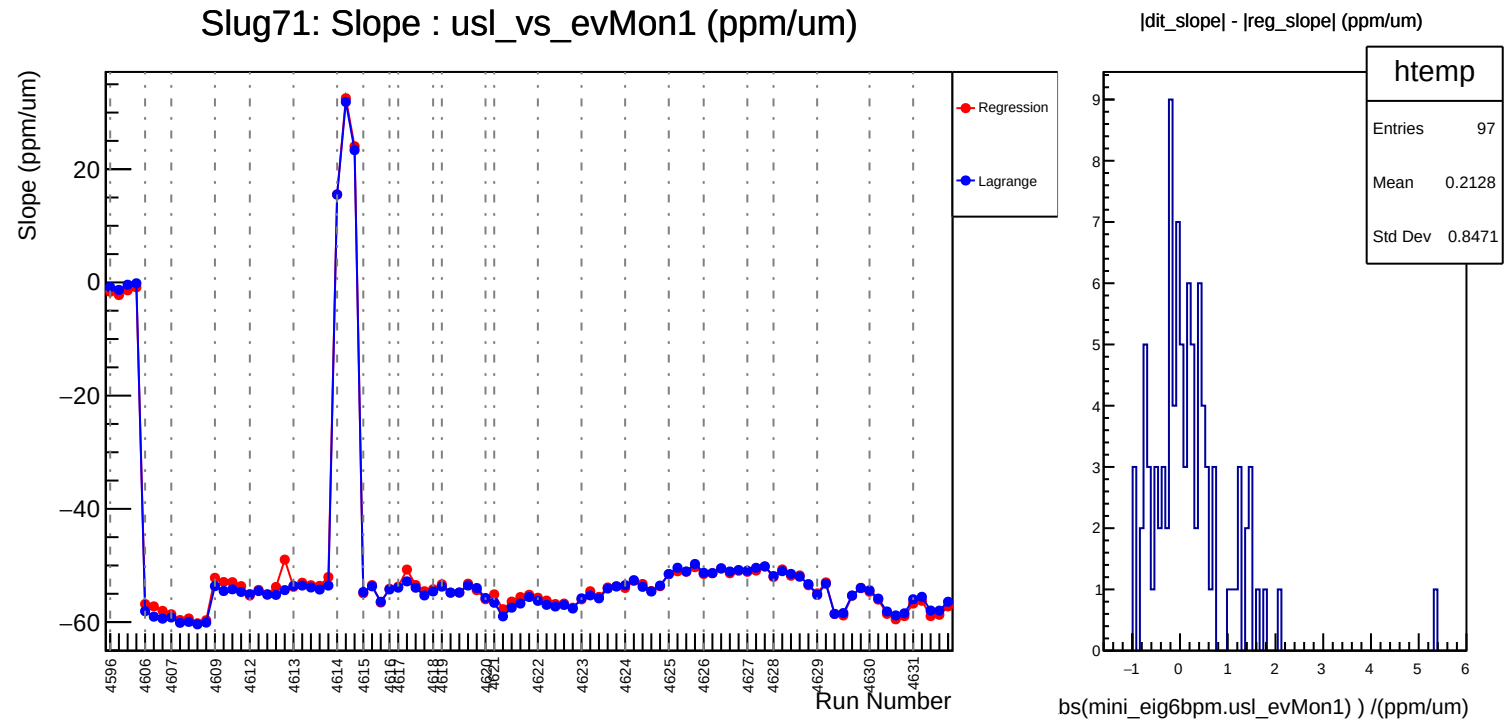
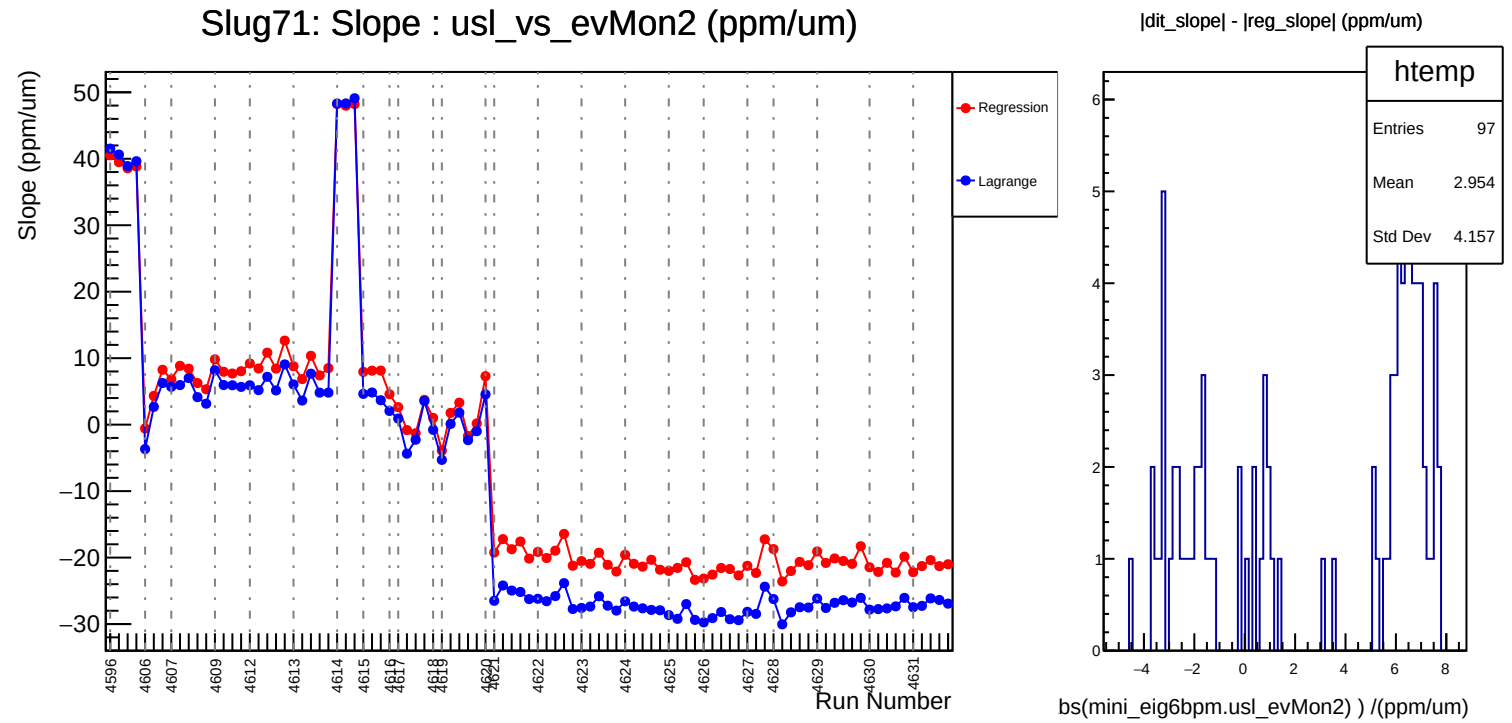

Slug71: Corrected RMS (ppm): asym_usl
RMS(ppm)
220
210
200
190
180
170
160
150
140
130
Regression
Lagrange
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number

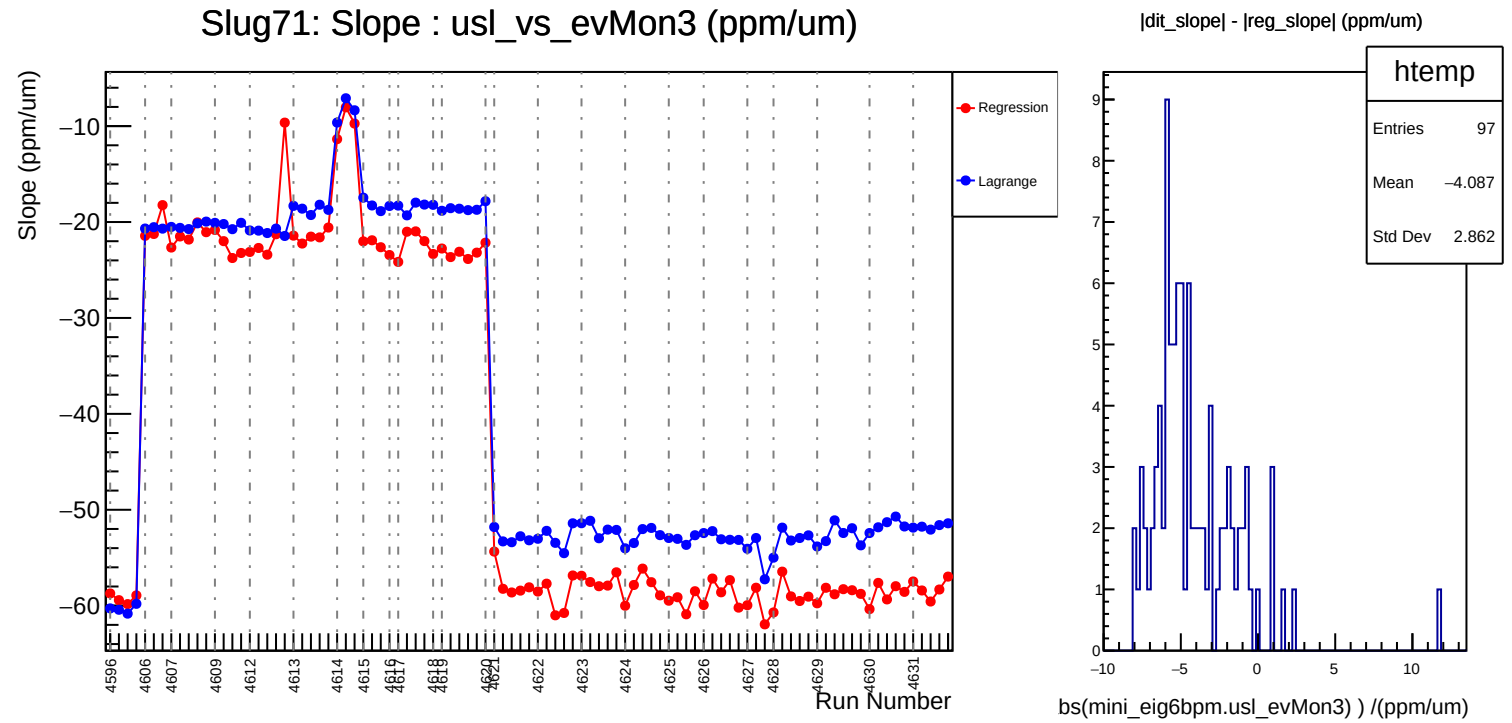

Slug71: asym_usl: $\sqrt{\sigma^2_{lagr} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
160
140
120
100
80
60
40
20
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number

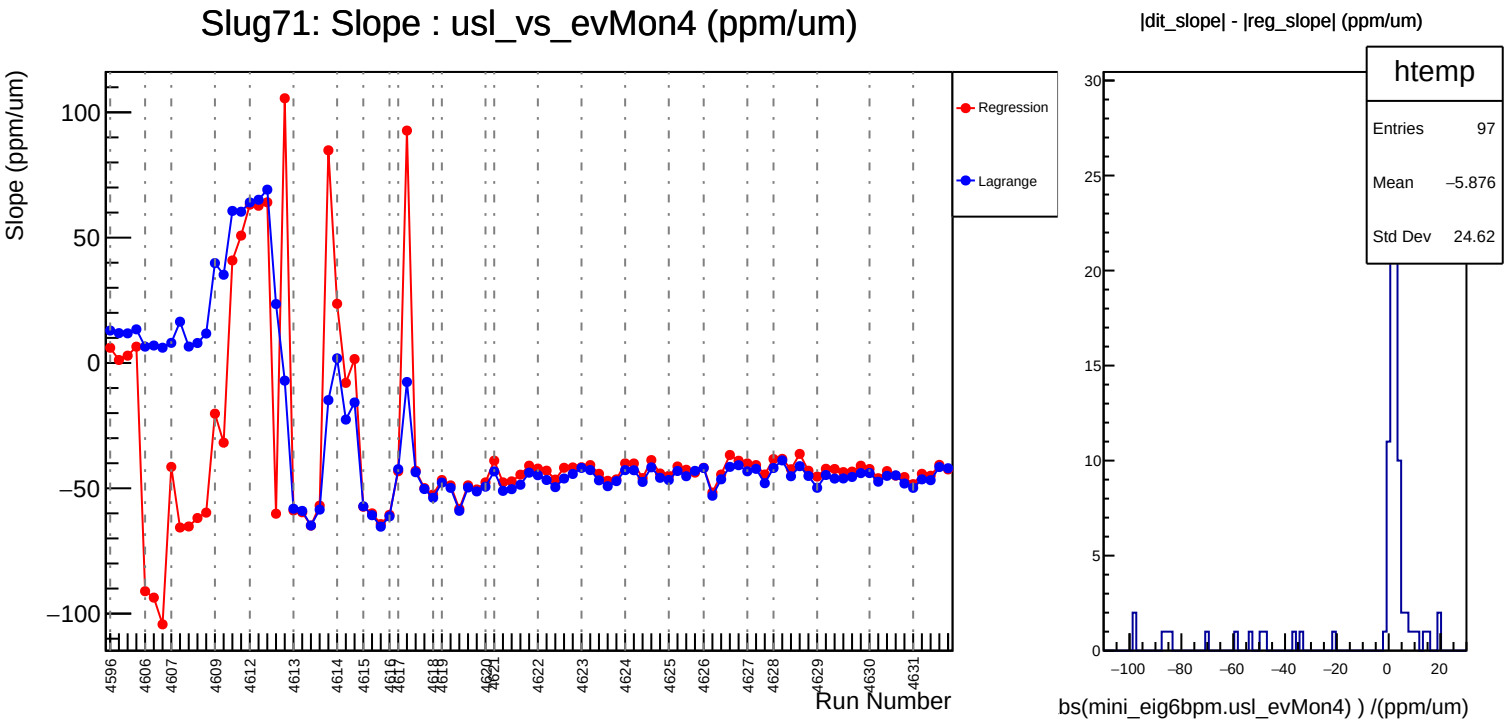

Lagrange Corrections Width (ppm) by Eigenvectors
(PPM)
900
800
700
600
500
400
300
200
100
0
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4
Eigenvector 5

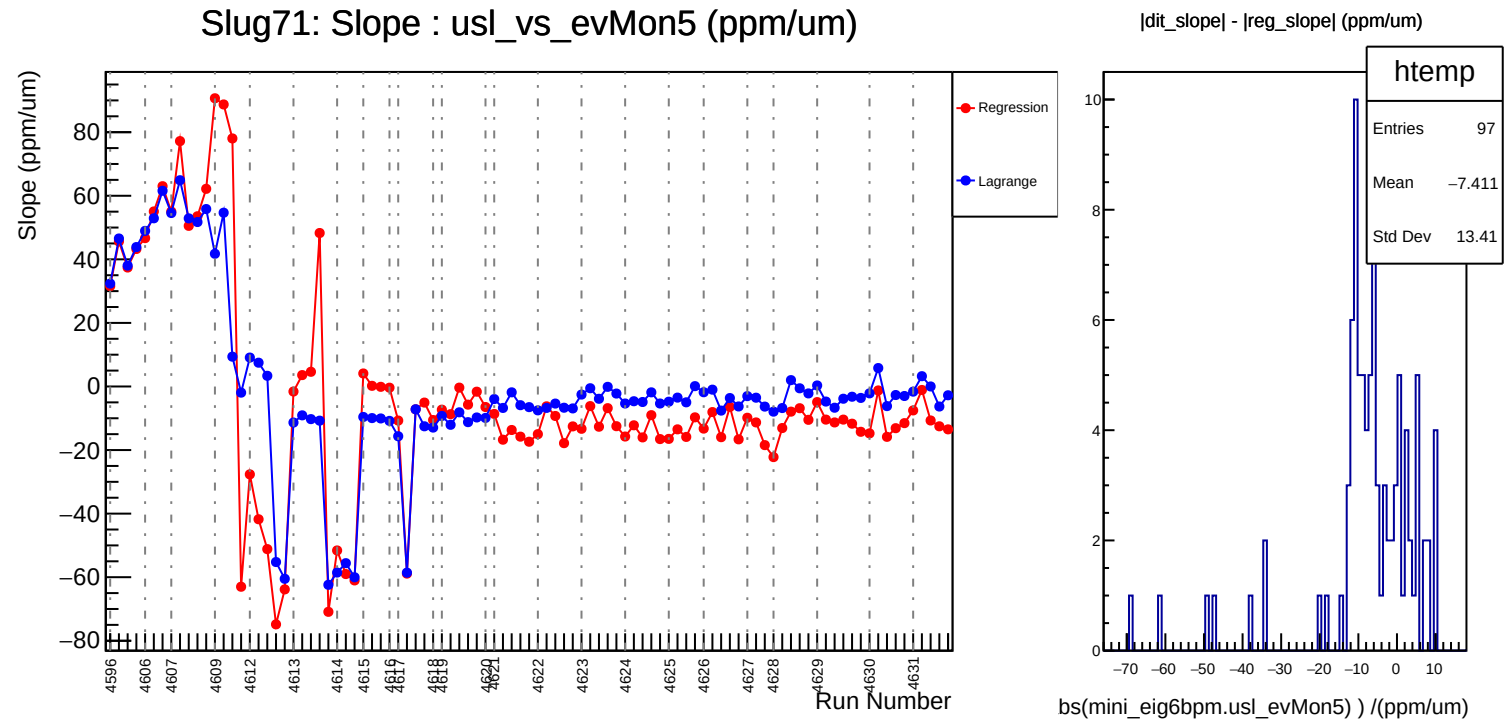

Slug71: Slope : usl_vs_evMon0 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean 0.3333
Std Dev 0.6511
bs(mini_eig6bpm.usl_evMon0)) /(ppm/um)


Slug71: Slope : usl_vs_evMon1 (ppm/um)
Slope (ppm/um)
20
0
−20
−40
−60
Regression
Lagrange
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean 0.2128
Std Dev 0.8471
bs(mini_eig6bpm.usl_evMon1)) /(ppm/um)


Slug71: Slope : usl_vs_evMon2 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean 2.954
Std Dev 4.157
bs(mini_eig6bpm.usl_evMon2)) /(ppm/um)


Slug71: Slope : usl_vs_evMon3 (ppm/um)
Slope (ppm/um)
−10
−20
−30
−40
−50
−60
Regression
Lagrange
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean −4.087
Std Dev 2.862
0
1
2
3
4
5
6
7
8
9
−10
−5
0
5
10
bs(mini_eig6bpm.usl_evMon3)) /(ppm/um)


Slug71: Slope : usl_vs_evMon4 (ppm/um)
Slope (ppm/um)
100
50
0
−50
−100
Regression
Lagrange
4596
4606
4607
4609
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean −5.876
Std Dev 24.62
30
25
20
15
10
5
0
−100
−80
−60
−40
−20
0
20
bs(mini_eig6bpm.usl_evMon4)) /(ppm/um)


Slug71: Slope : usl_vs_evMon5 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 97
Mean −7.411
Std Dev 13.41
bs(mini_eig6bpm.usl_evMon5)) /(ppm/um)