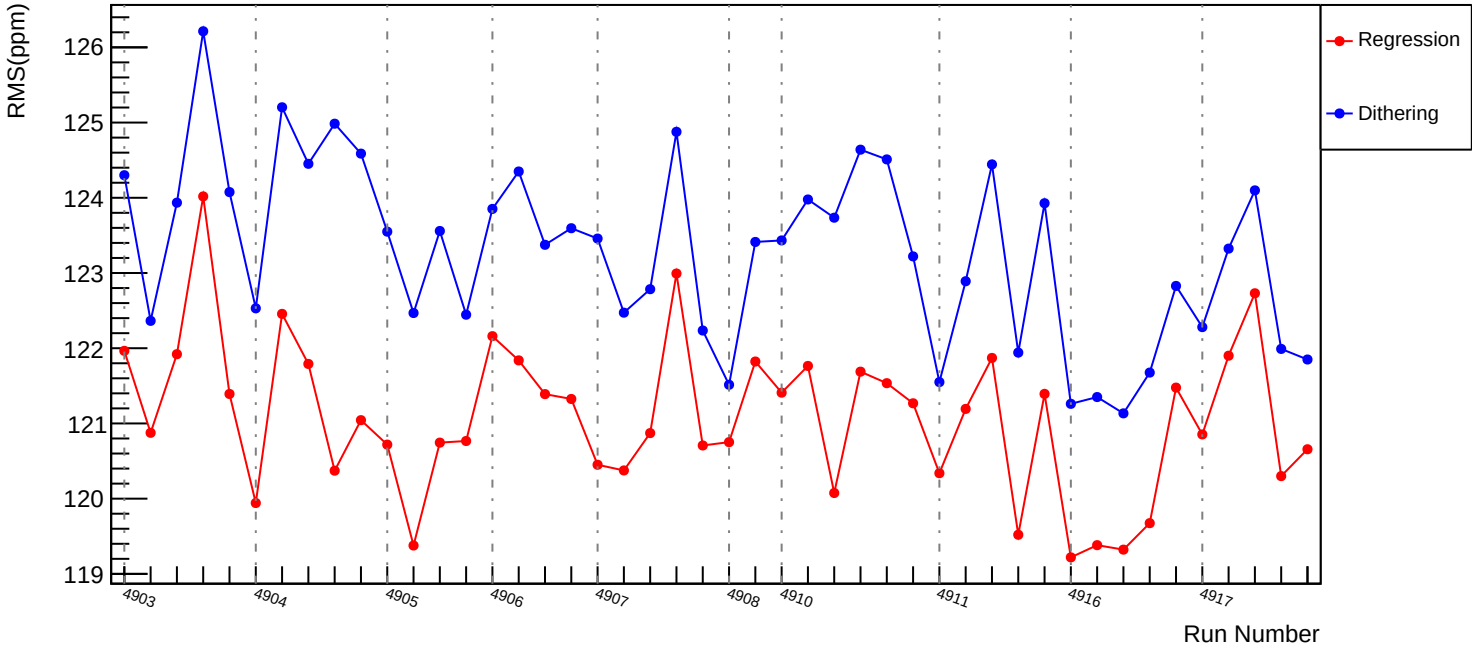
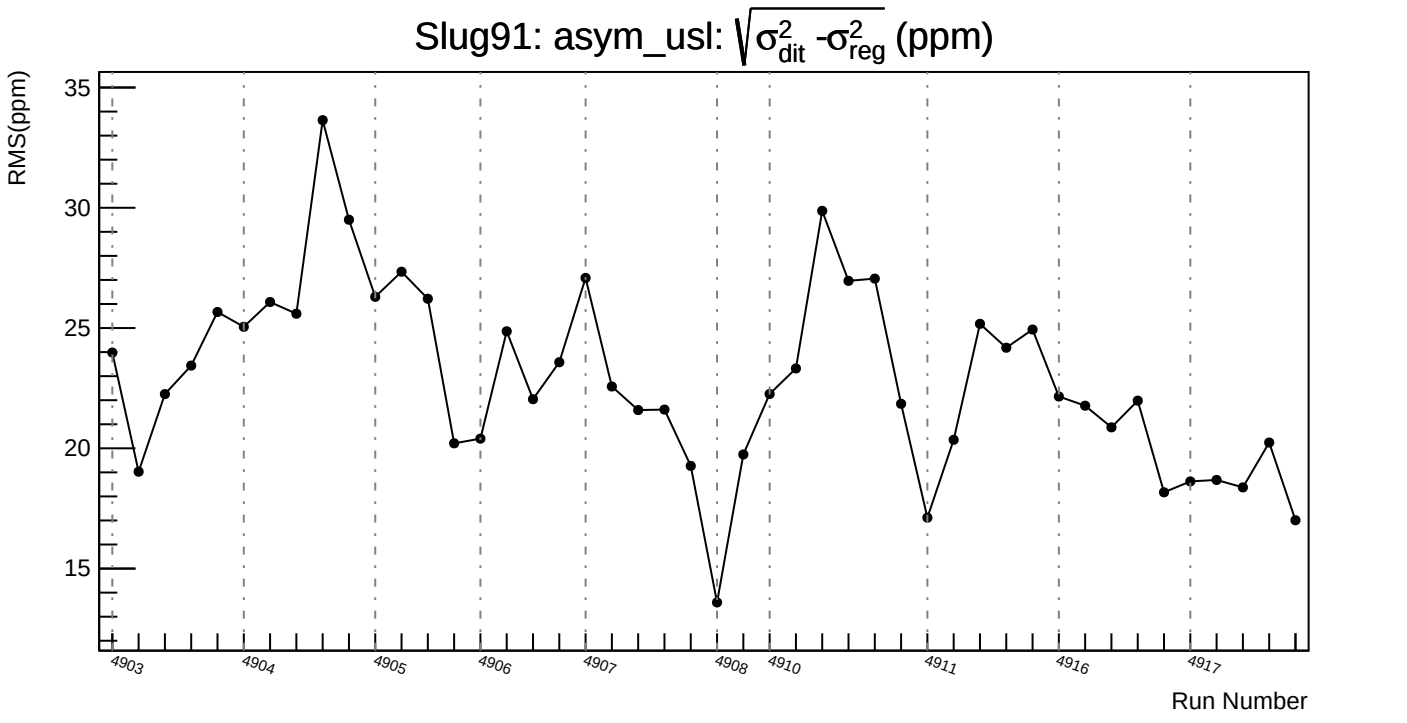
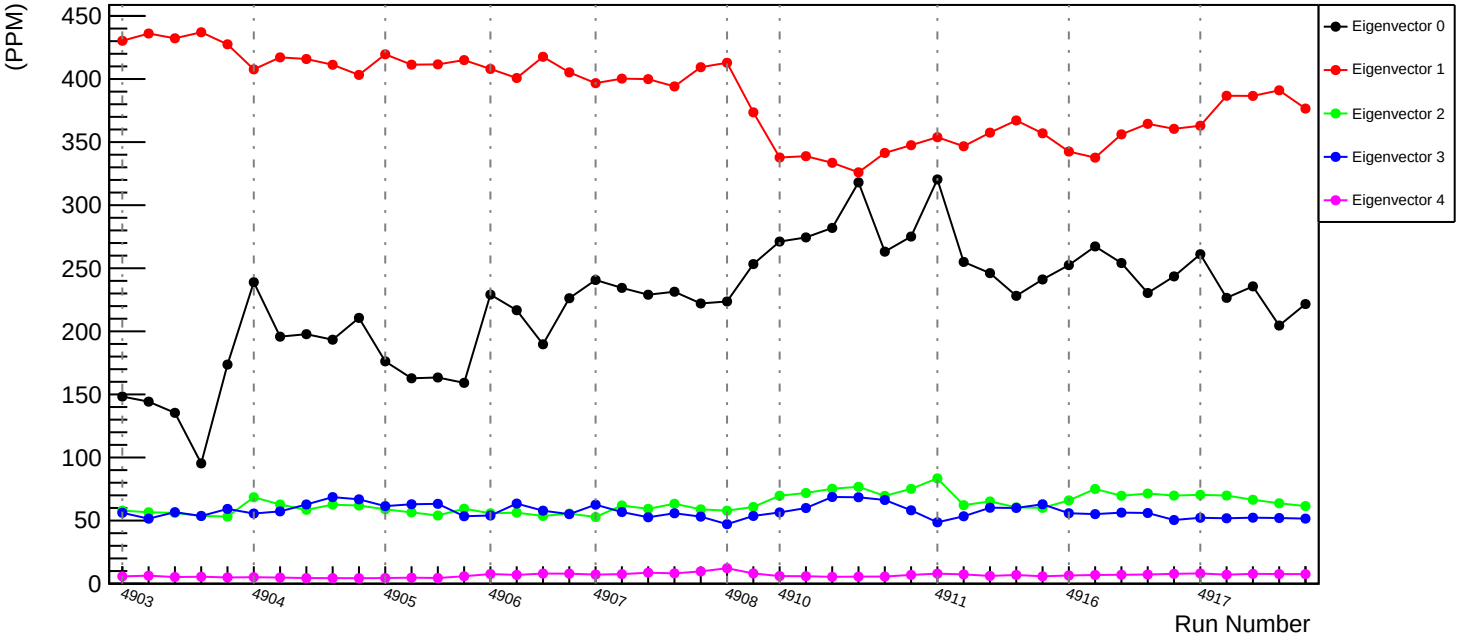
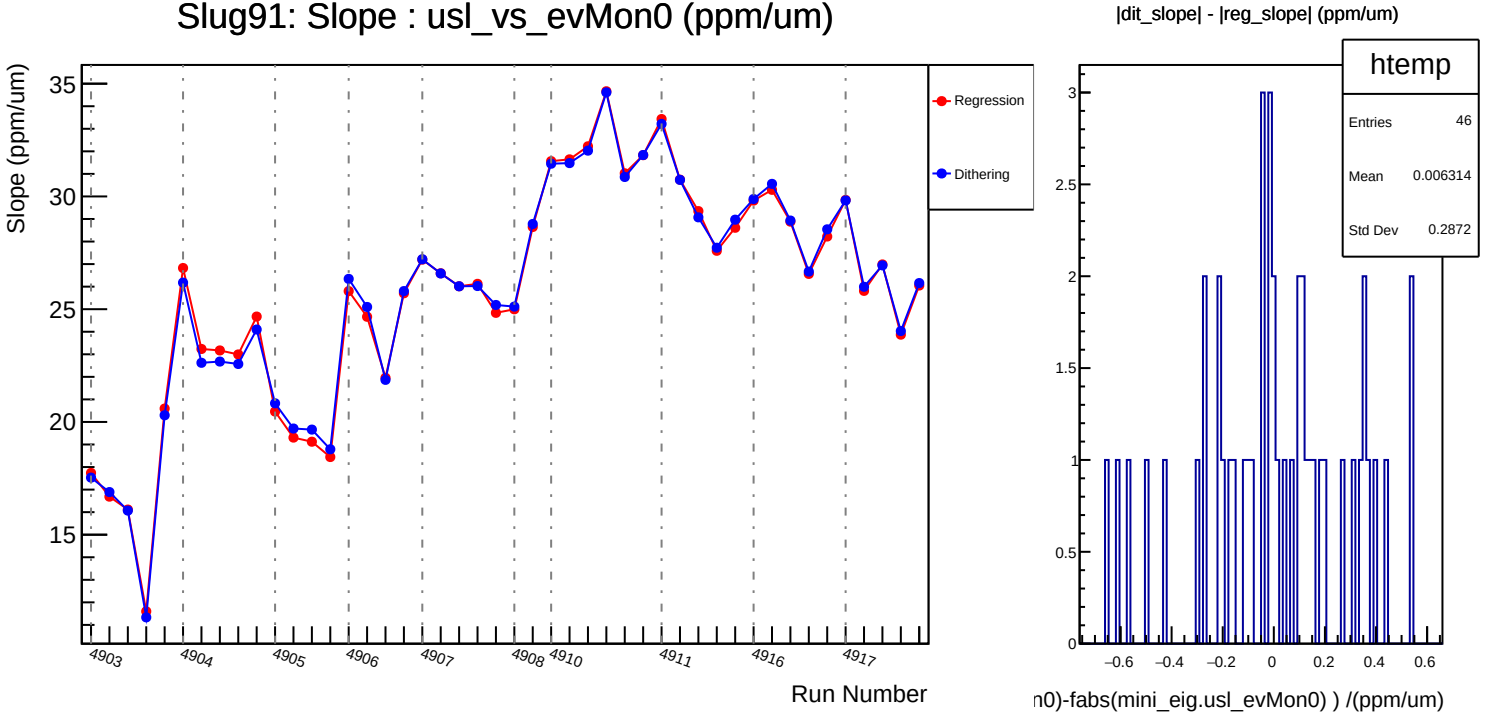
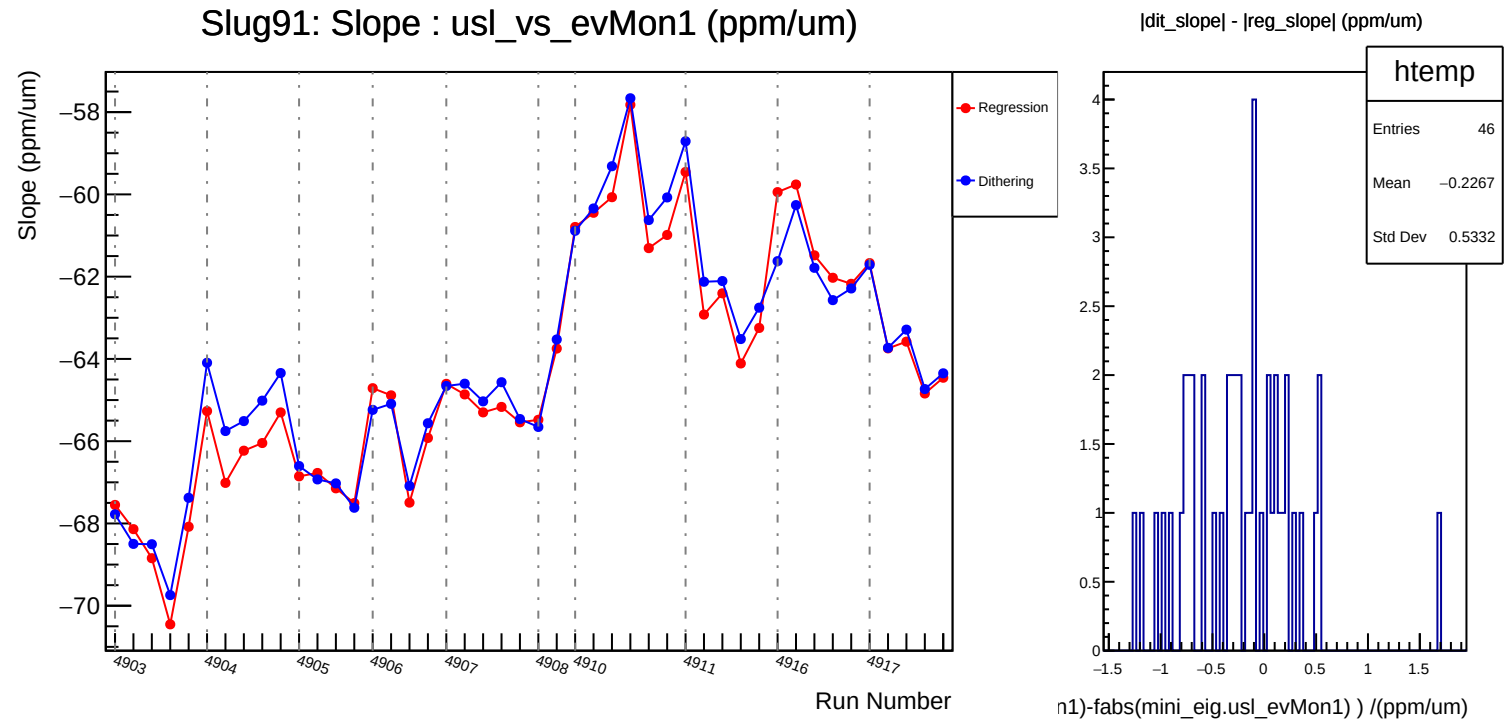
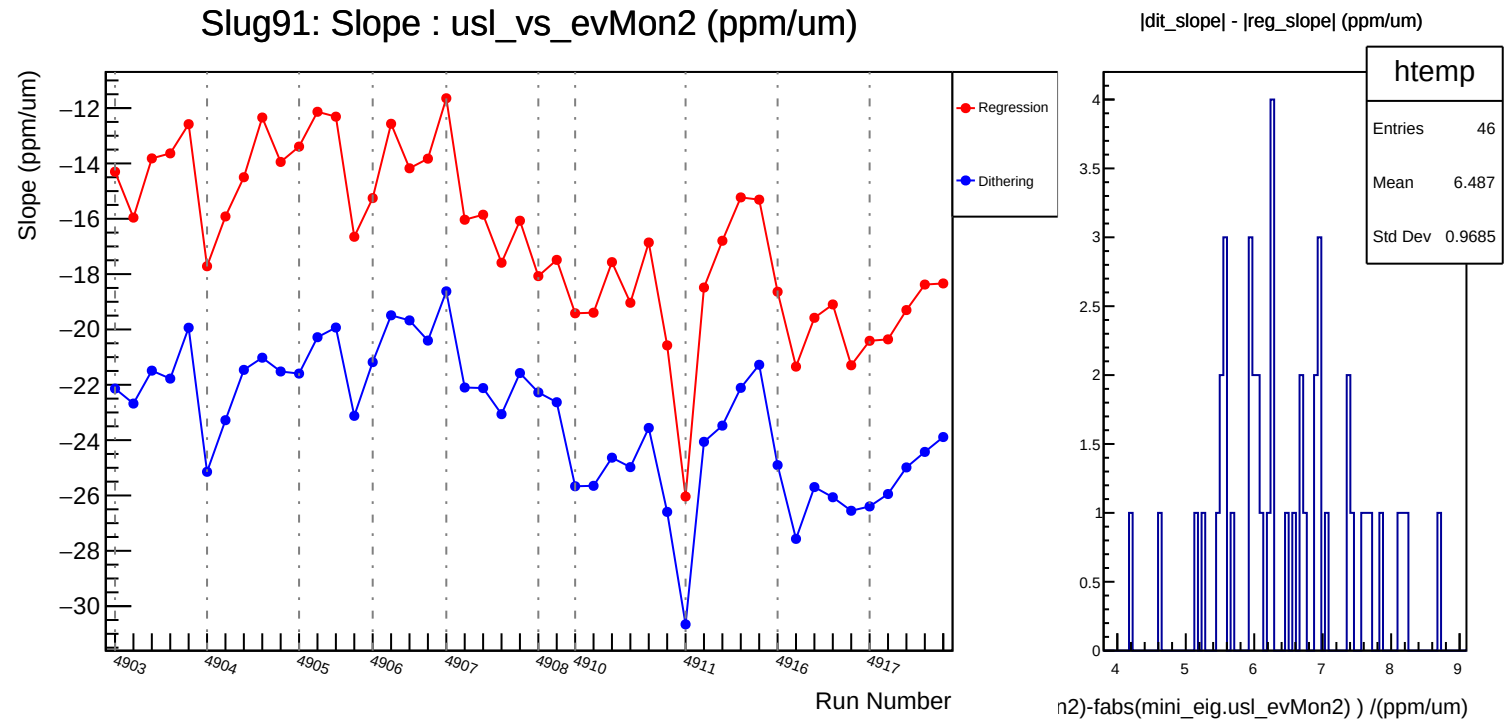

Slug91: Corrected RMS (ppm): asym_usl
RMS(ppm)
126
125
124
123
122
121
120
119
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
Regression
Dithering

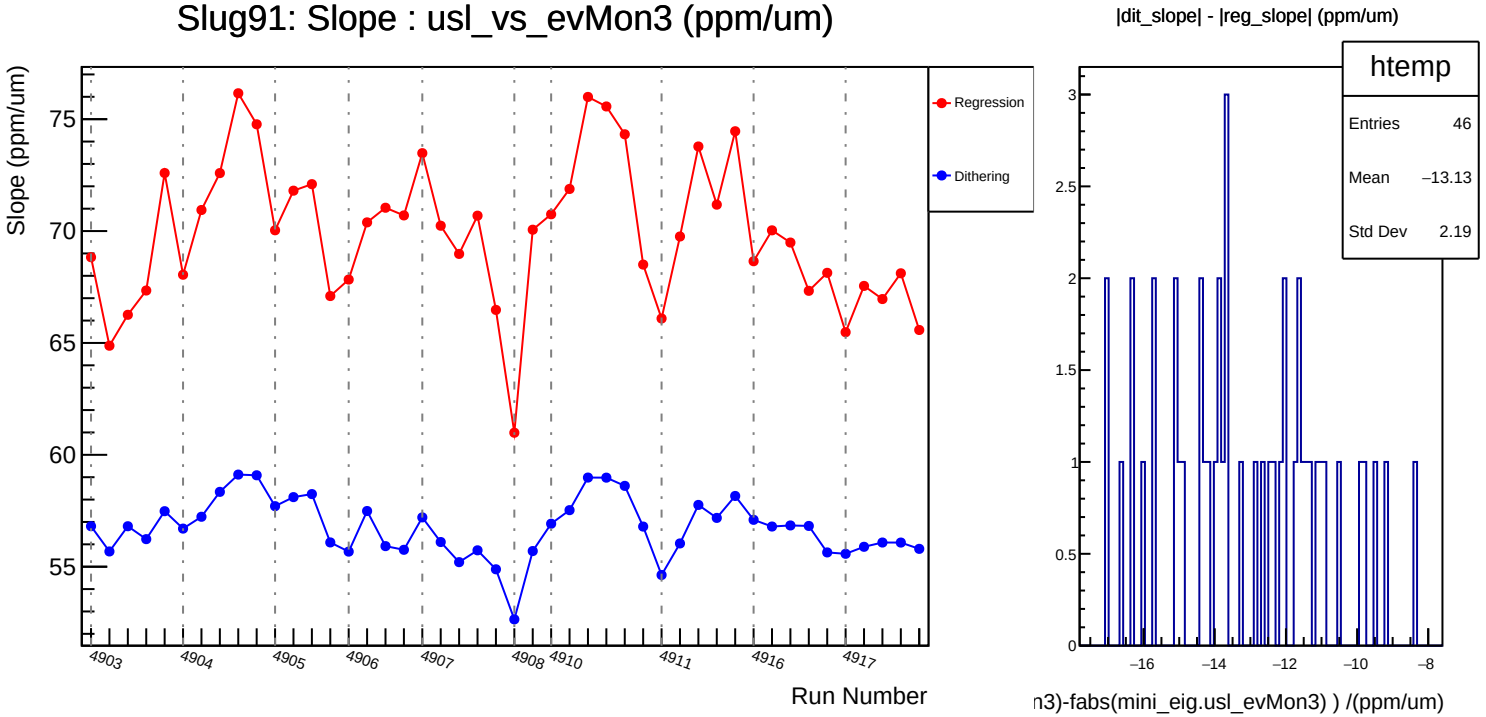

Slug91: asym_usl: $\sqrt{\sigma^2_{dit} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
35
30
25
20
15
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number

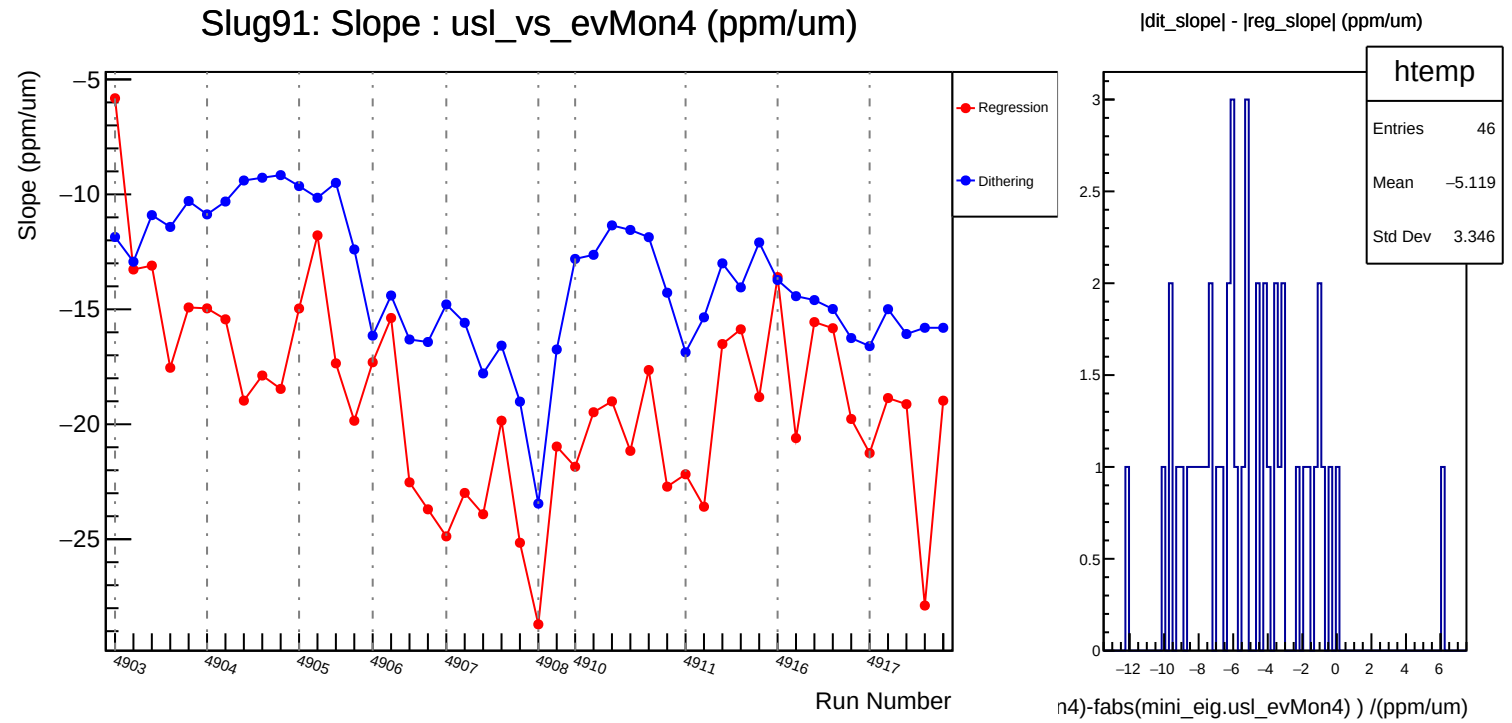

Dithering Corrections Width (ppm) by Eigenvectors
(PPM)
450
400
350
300
250
200
150
100
50
0
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4


Slug91: Slope : usl_vs_evMon0 (ppm/um)
Slope (ppm/um)
35
30
25
20
15
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 46
Mean 0.006314
Std Dev 0.2872
3
2.5
2
1.5
1
0.5
0
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
n0)-fabs(mini_eig.usl_evMon0)) /(ppm/um)


Slug91: Slope : usl_vs_evMon1 (ppm/um)
Slope (ppm/um)
−58
−60
−62
−64
−66
−68
−70
Regression
Dithering
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 46
Mean −0.2267
Std Dev 0.5332
4
3.5
3
2.5
2
1.5
1
0.5
0
−1.5
−1
−0.5
0
0.5
1
1.5
n1)-fabs(mini_eig.usl_evMon1)) /(ppm/um)


Slug91: Slope : usl_vs_evMon2 (ppm/um)
Slope (ppm/um)
−12
−14
−16
−18
−20
−22
−24
−26
−28
−30
Regression
Dithering
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 46
Mean 6.487
Std Dev 0.9685
0
0.5
1
1.5
2
2.5
3
3.5
4
4
5
6
7
8
9
n2)-fabs(mini_eig.usl_evMon2)) /(ppm/um)


Slug91: Slope : usl_vs_evMon3 (ppm/um)
Slope (ppm/um)
75
70
65
60
55
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
Regression
Dithering
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 46
Mean −13.13
Std Dev 2.19
3
2.5
2
1.5
1
0.5
0
−16
−14
−12
−10
−8
n3)-fabs(mini_eig.usl_evMon3)) /(ppm/um)


Slug91: Slope : usl_vs_evMon4 (ppm/um)
Slope (ppm/um)
−5
−10
−15
−20
−25
Regression
Dithering
4903
4904
4905
4906
4907
4908
4910
4911
4916
4917
Run Number
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 46
Mean −5.119
Std Dev 3.346
3
2.5
2
1.5
1
0.5
0
−12 −10 −8 −6 −4 −2 0 2 4 6
n4)-fabs(mini_eig.usl_evMon4)) /(ppm/um)