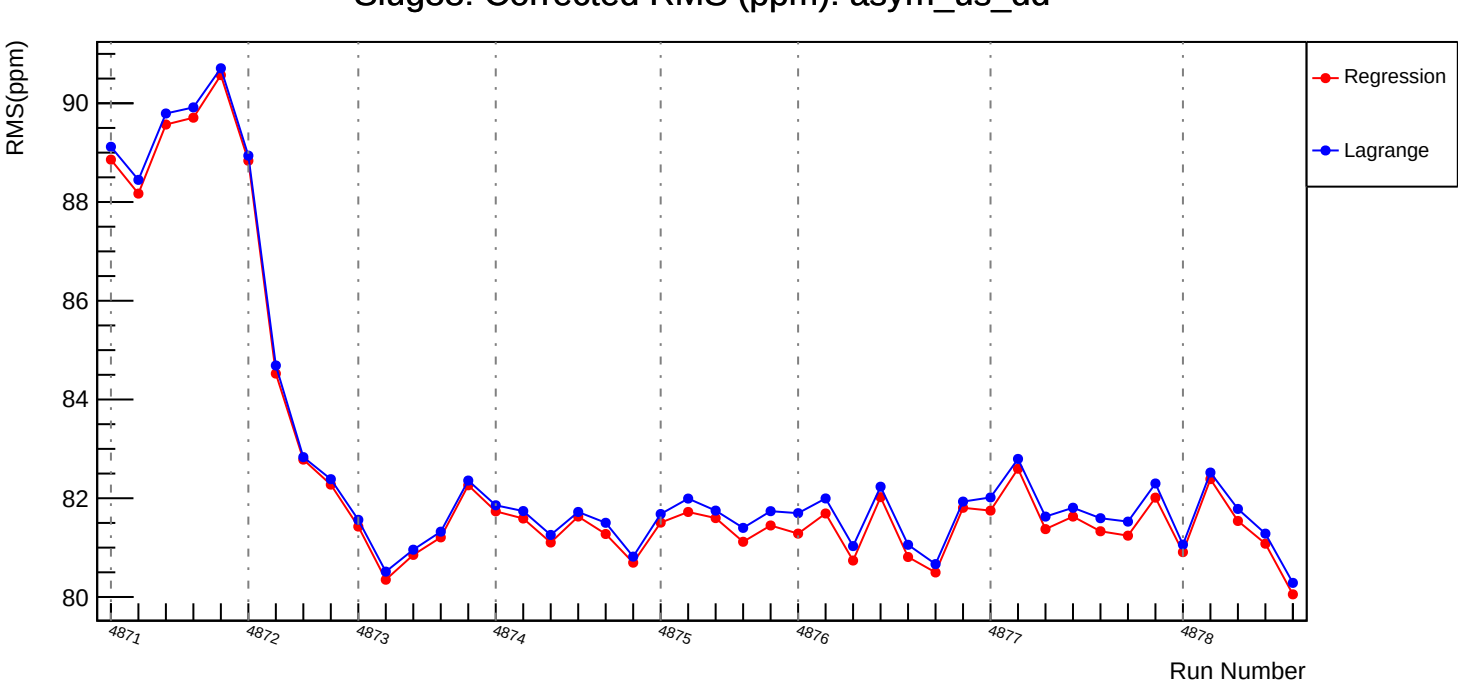
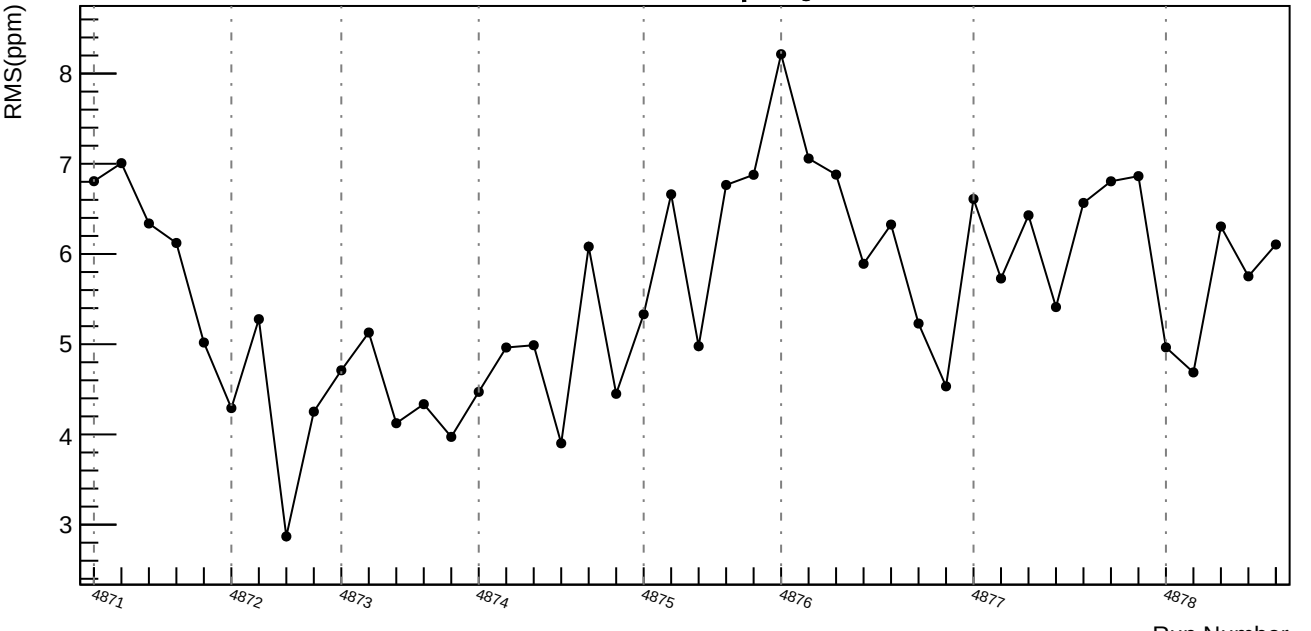
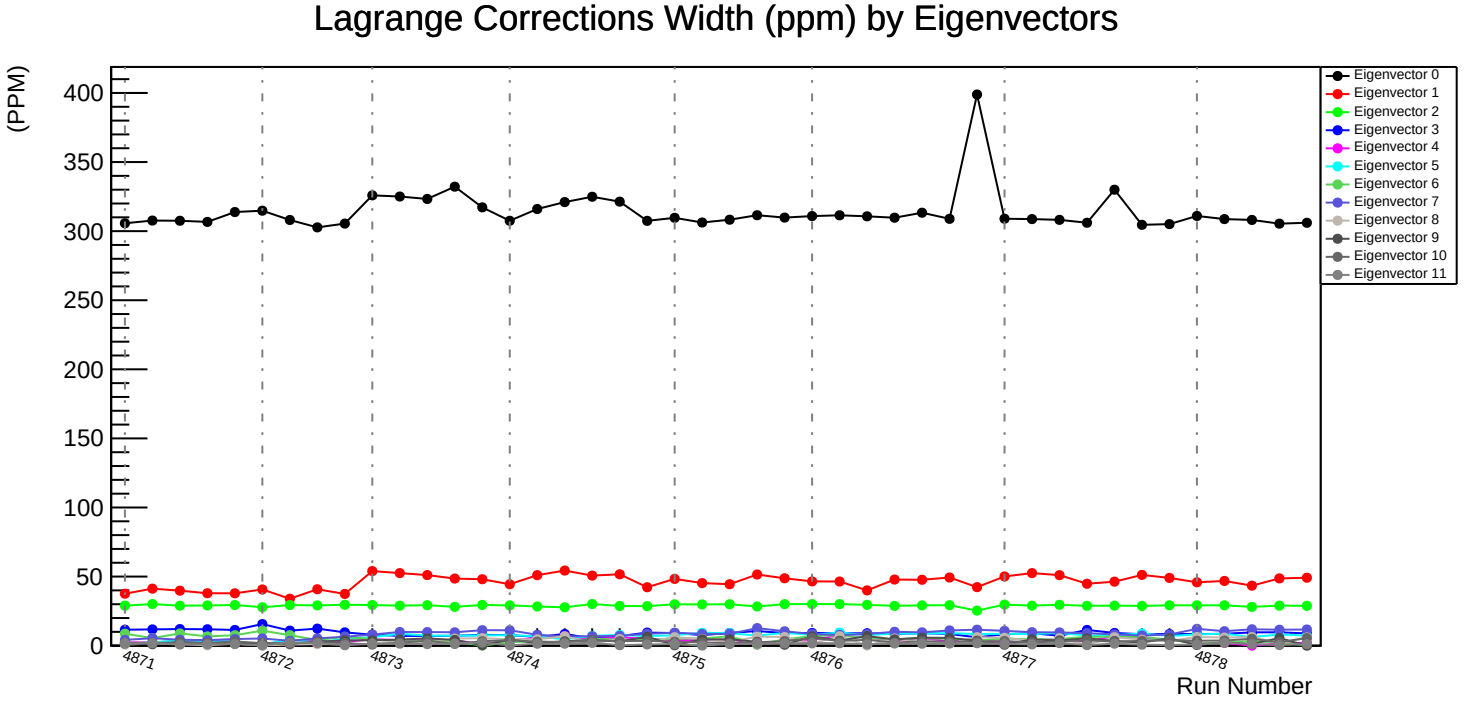
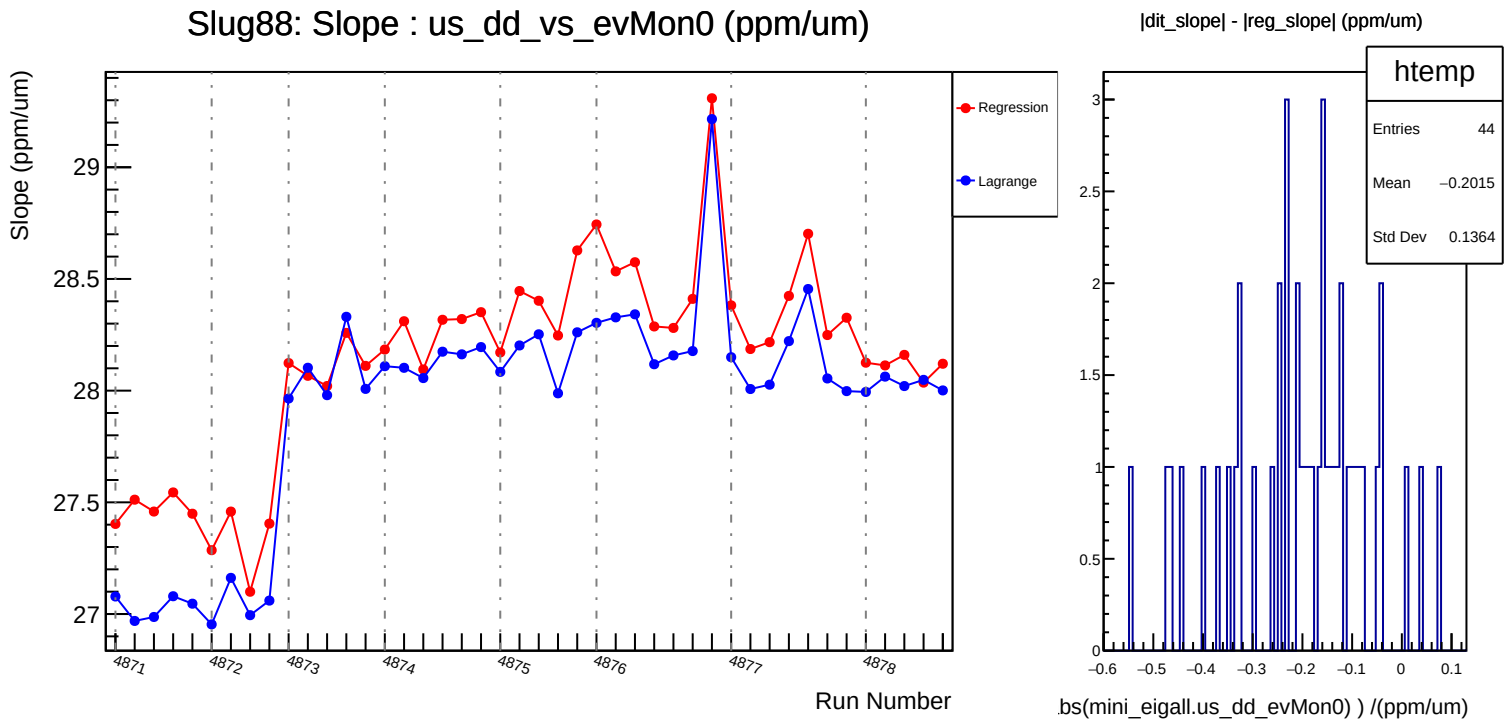
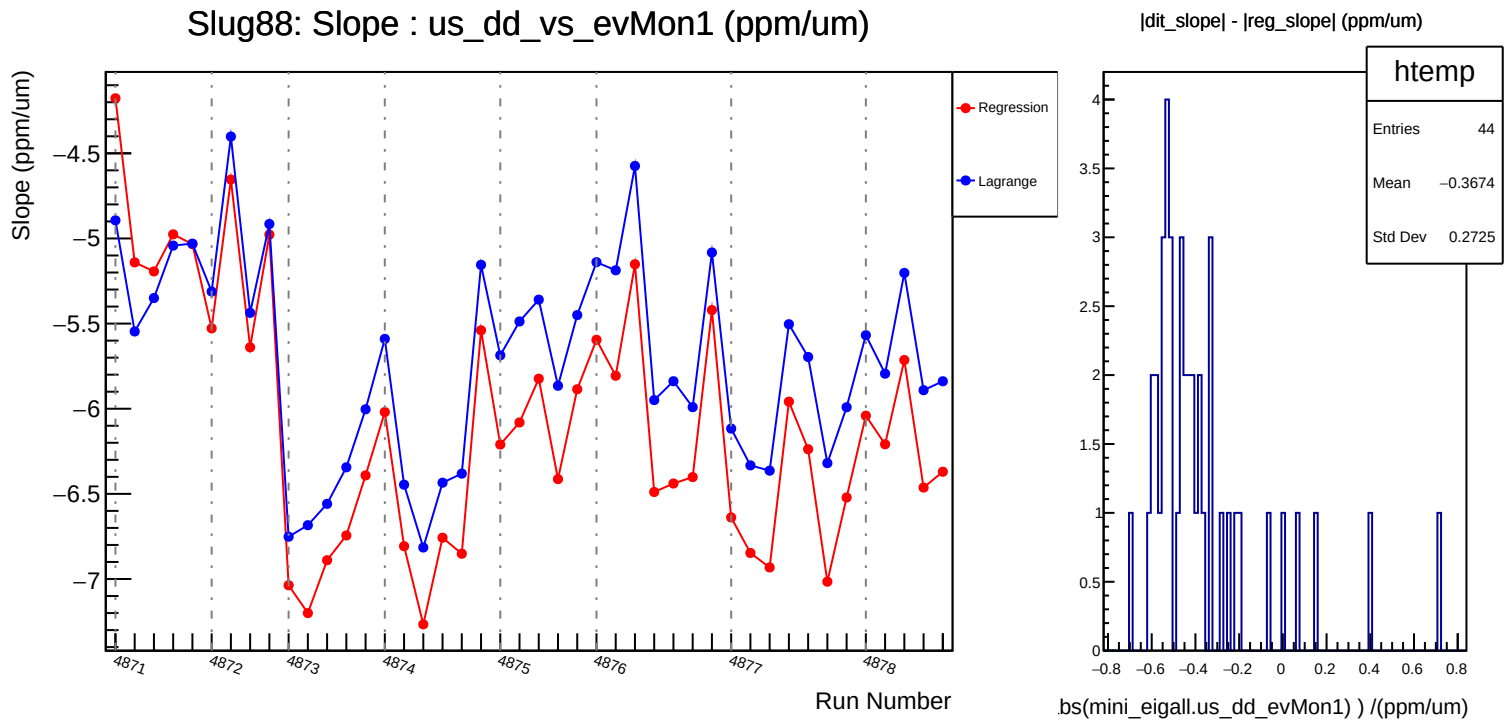
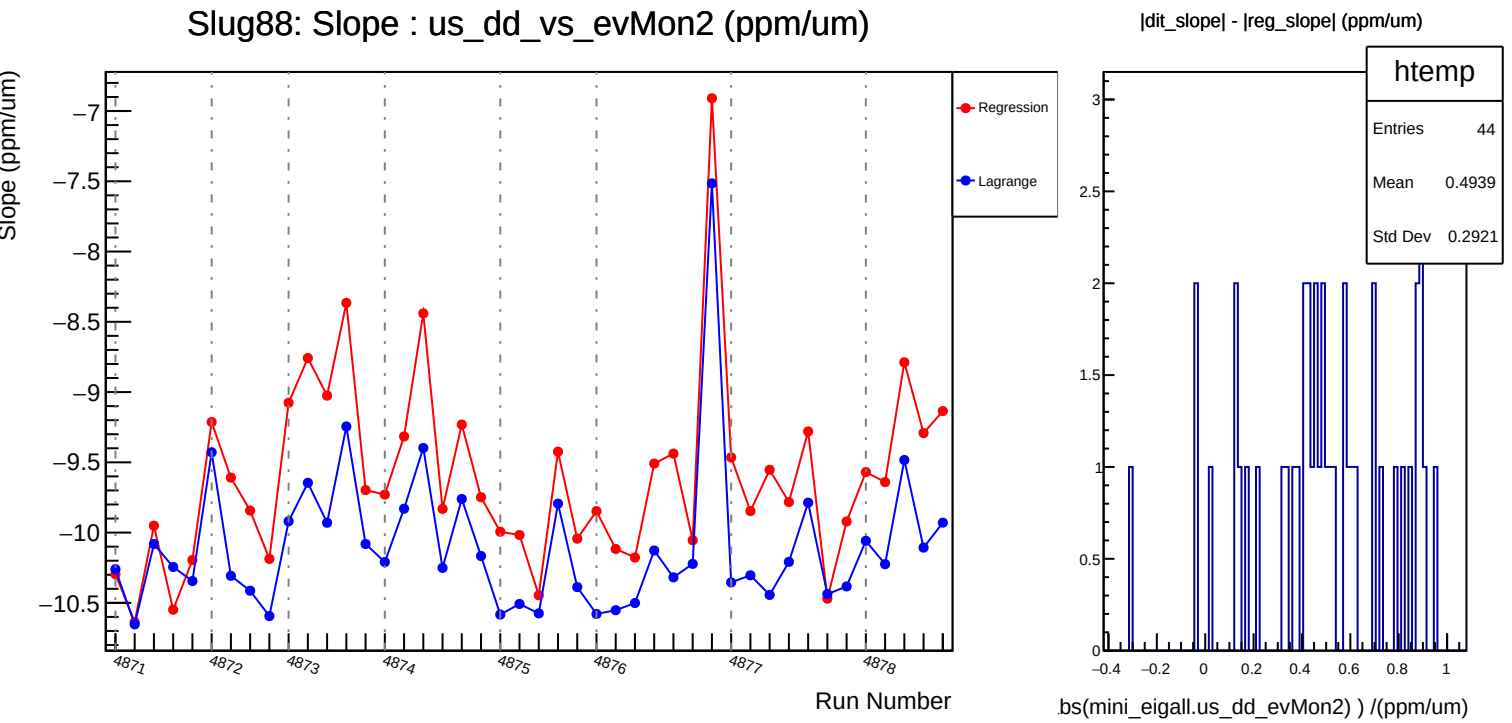

Slug88: Corrected RMS (ppm): asym_us_dd
RMS(ppm)
90
88
86
84
82
80
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange

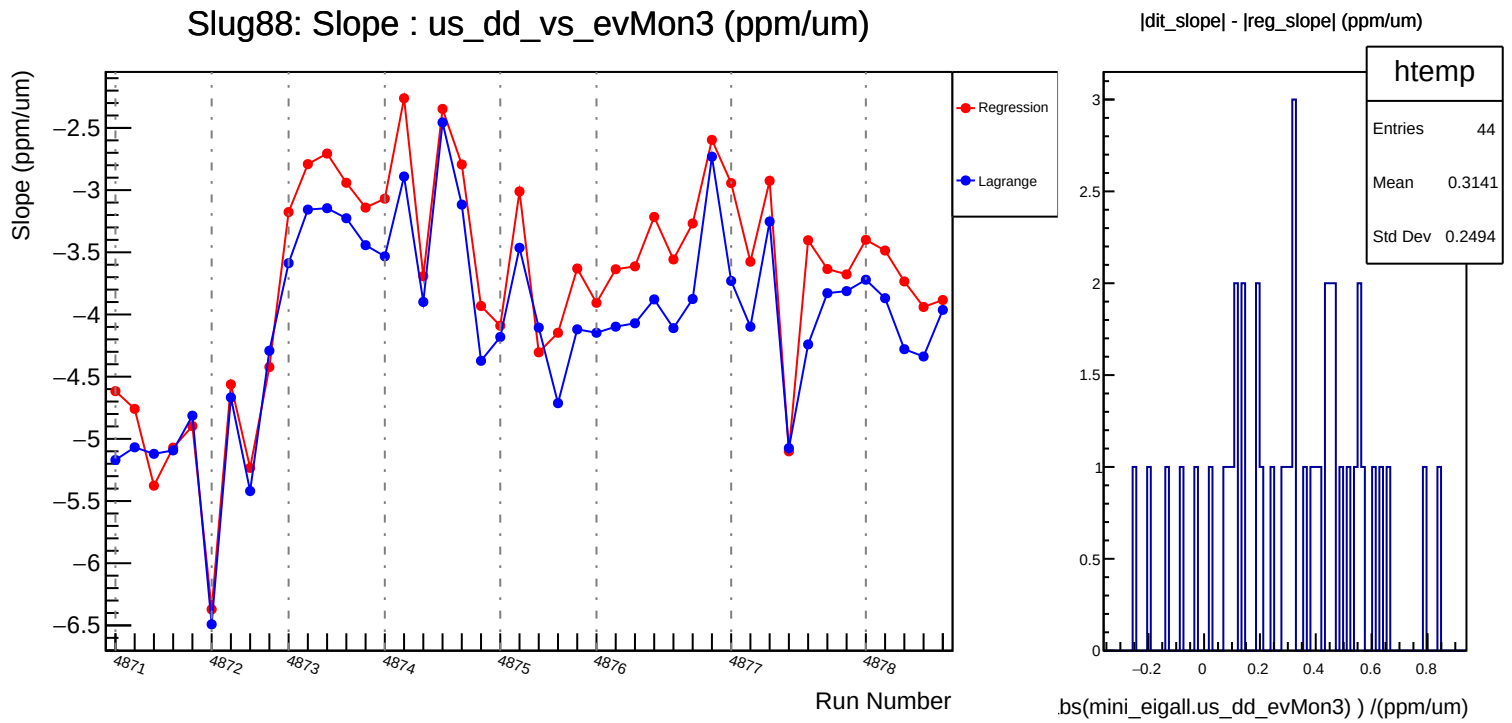

Slug88: asym_us_dd: $\sqrt{\sigma^2_{lagr} - \sigma^2_{reg}}$ (ppm)
RMS(ppm)
8
7
6
5
4
3
4871
4872
4873
4874
4875
4876
4877
4878
Run Number

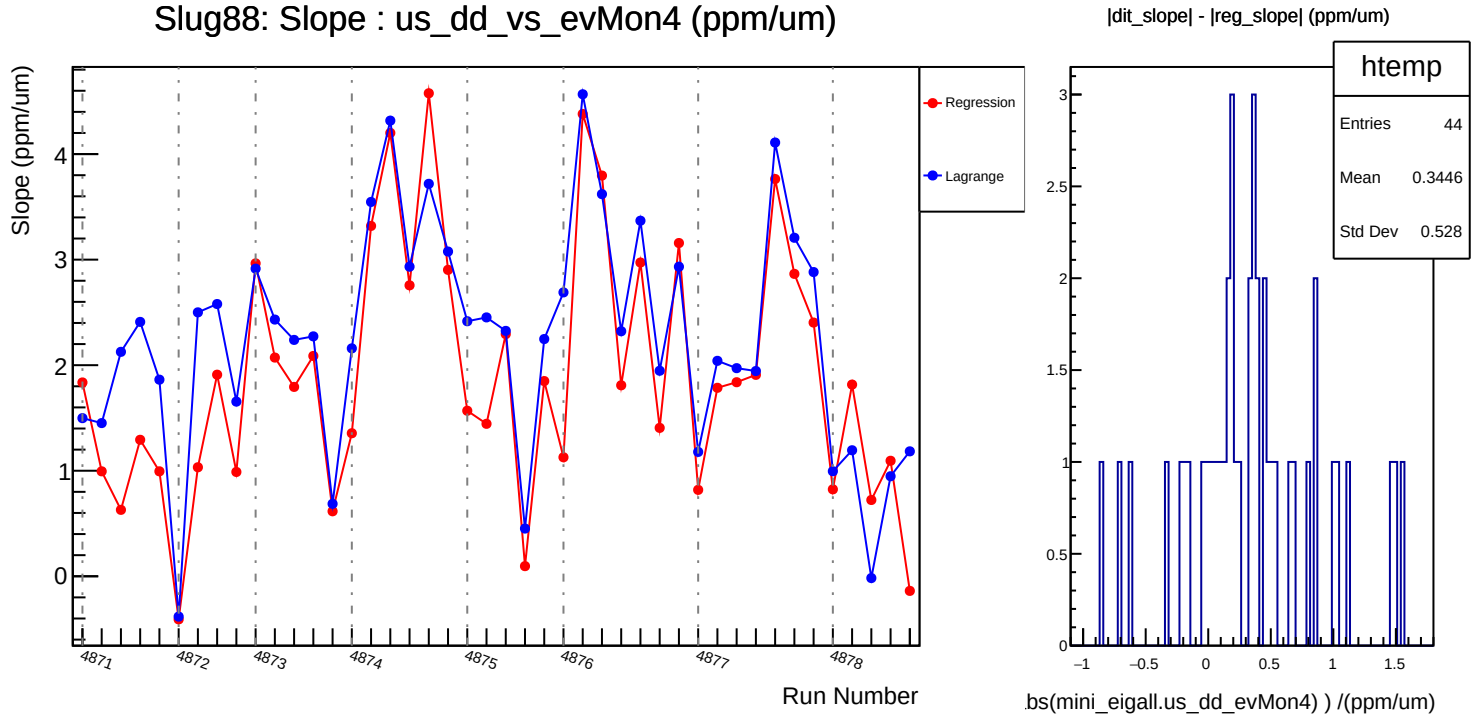

Lagrange Corrections Width (ppm) by Eigenvectors
(PPM)
400
350
300
250
200
150
100
50
0
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Eigenvector 0
Eigenvector 1
Eigenvector 2
Eigenvector 3
Eigenvector 4
Eigenvector 5
Eigenvector 6
Eigenvector 7
Eigenvector 8
Eigenvector 9
Eigenvector 10
Eigenvector 11

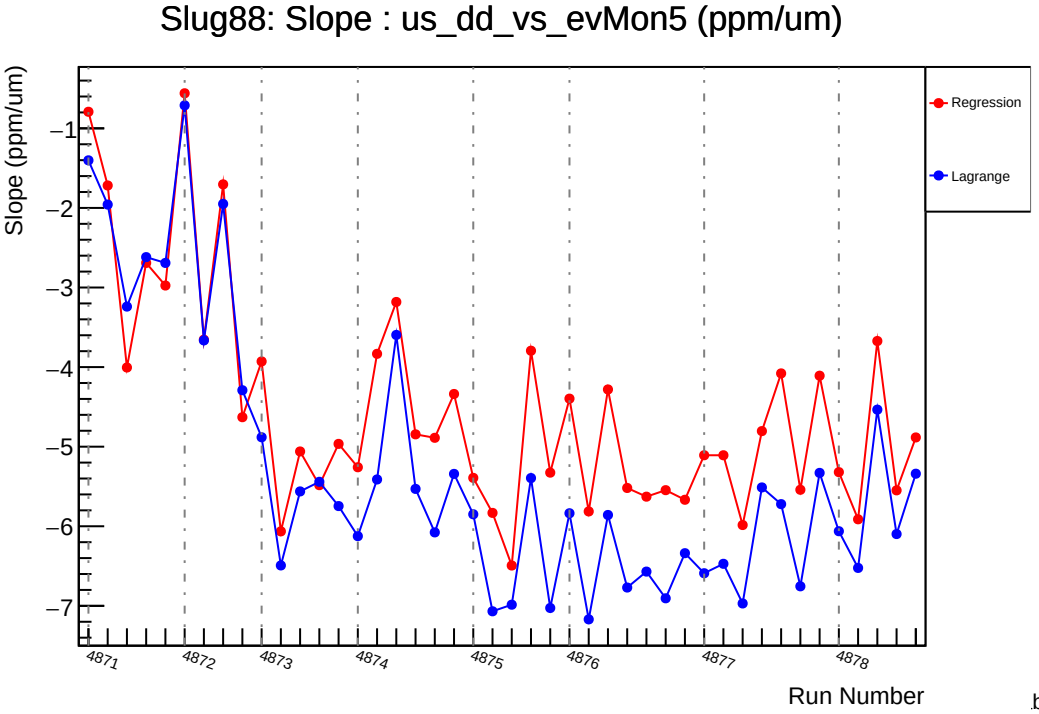

Slug88: Slope : us_dd_vs_evMon0 (ppm/um)
Slope (ppm/um)
29
28.5
28
27.5
27
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean −0.2015
Std Dev 0.1364
3
2.5
2
1.5
1
0.5
0
−0.6
−0.5
−0.4
−0.3
−0.2
−0.1
0
0.1
bs(mini_eigall.us_dd_evMon0)) /(ppm/um)

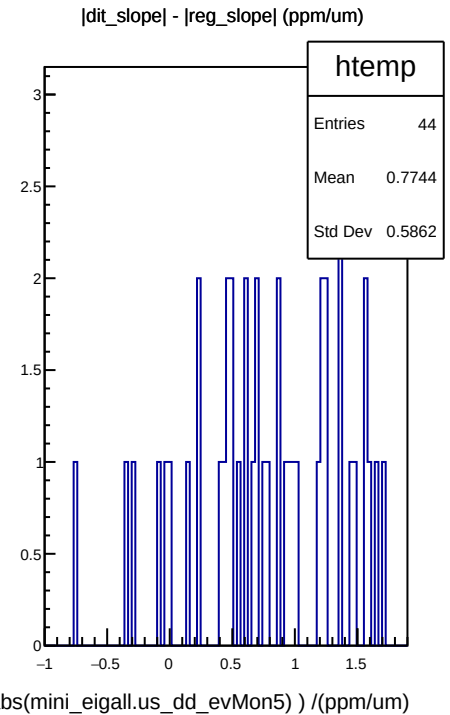

Slug88: Slope : us_dd_vs_evMon1 (ppm/um)
Slope (ppm/um)
−4.5
−5
−5.5
−6
−6.5
−7
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean −0.3674
Std Dev 0.2725
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
bs(mini_eigall.us_dd_evMon1)) /(ppm/um)

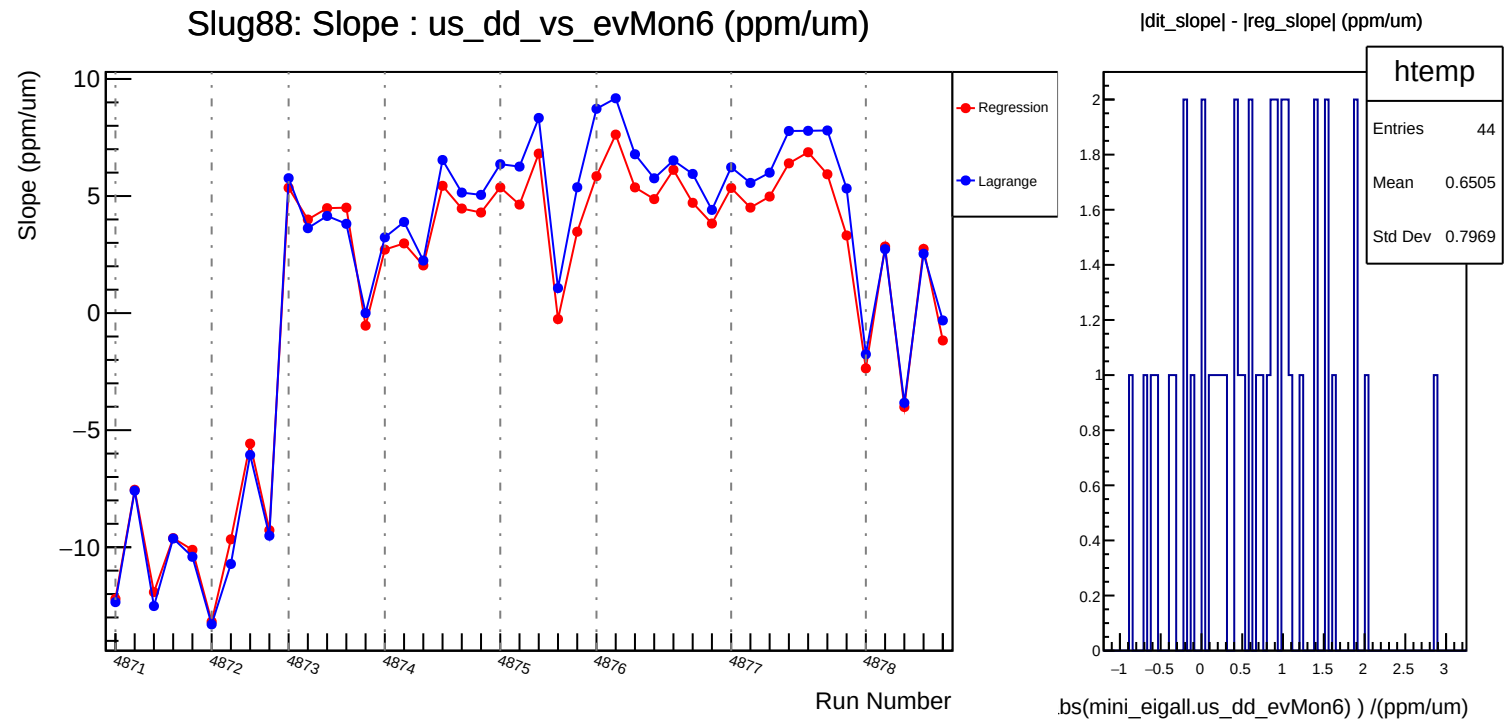

Slug88: Slope : us_dd_vs_evMon2 (ppm/um)
Slope (ppm/um)
−7
−7.5
−8
−8.5
−9
−9.5
−10
−10.5
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.4939
Std Dev 0.2921
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
bs(mini_eigall.us_dd_evMon2)) /(ppm/um)

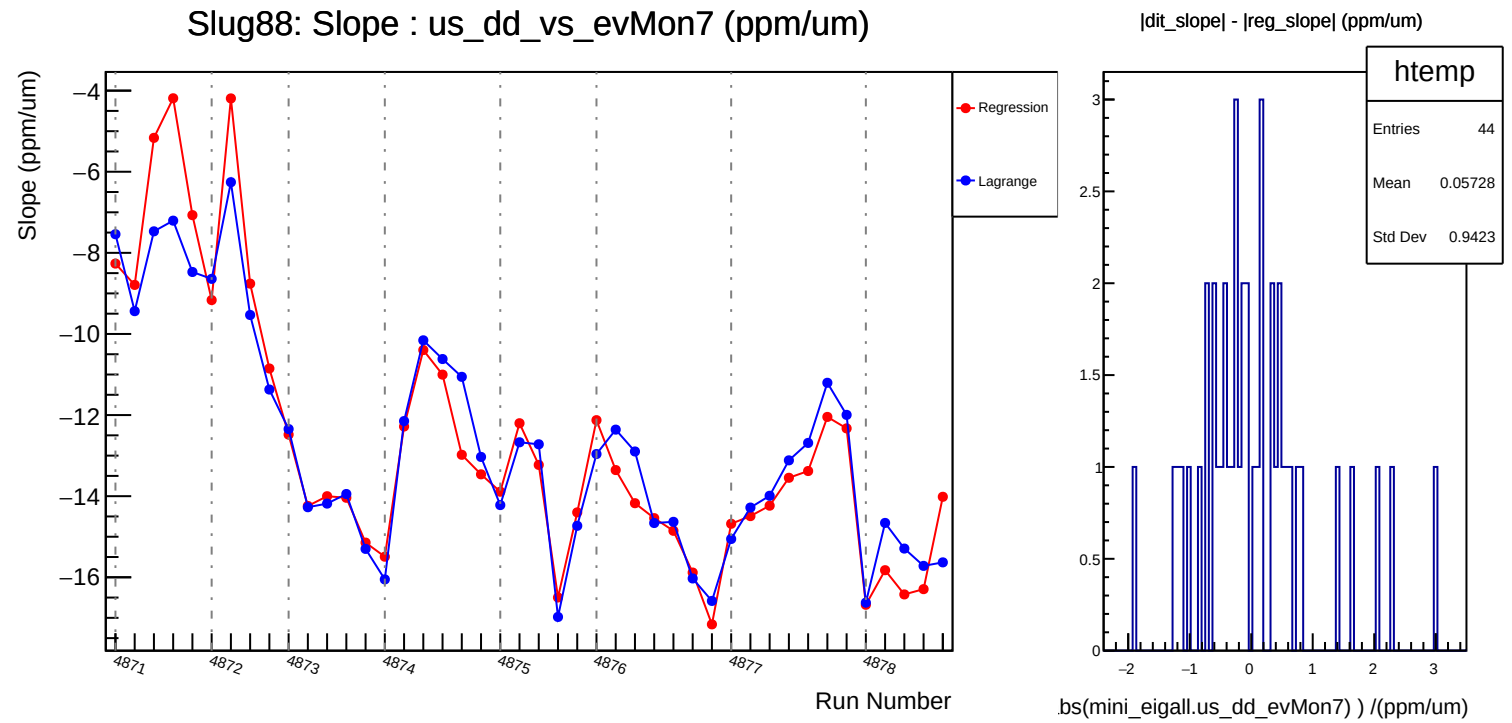

Slug88: Slope : us_dd_vs_evMon3 (ppm/um)
Slope (ppm/um)
−2.5
−3
−3.5
−4
−4.5
−5
−5.5
−6
−6.5
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.3141
Std Dev 0.2494
3
2.5
2
1.5
1
0.5
0
−0.2
0
0.2
0.4
0.6
0.8
bs(mini_eigall.us_dd_evMon3)) /(ppm/um)

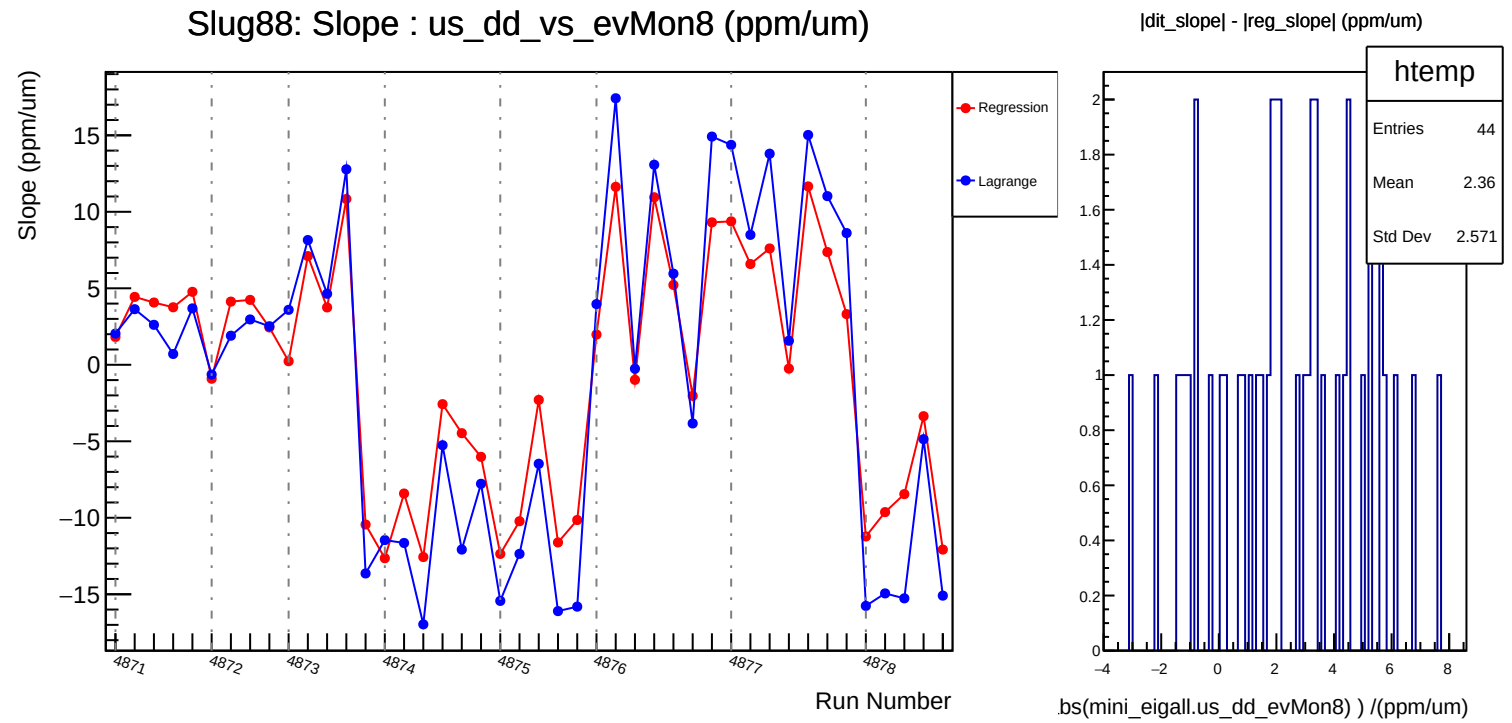

Slug88: Slope : us_dd_vs_evMon4 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
4871
4872
4873
4874
4875
4876
4877
4878
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.3446
Std Dev 0.528
bs(mini_eigall.us_dd_evMon4)) /(ppm/um)

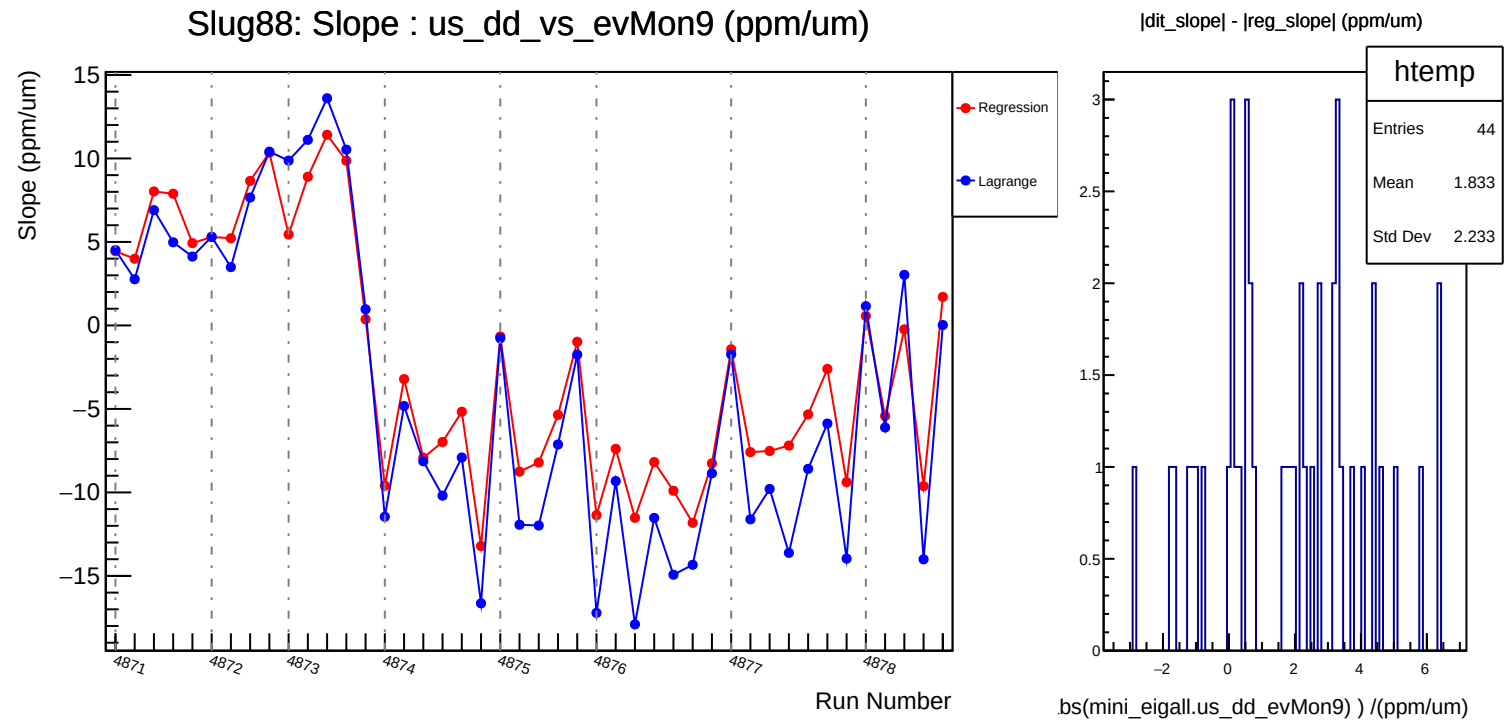

Slug88: Slope : us_dd_vs_evMon5 (ppm/um)
Slope (ppm/um)
−1
−2
−3
−4
−5
−6
−7
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange

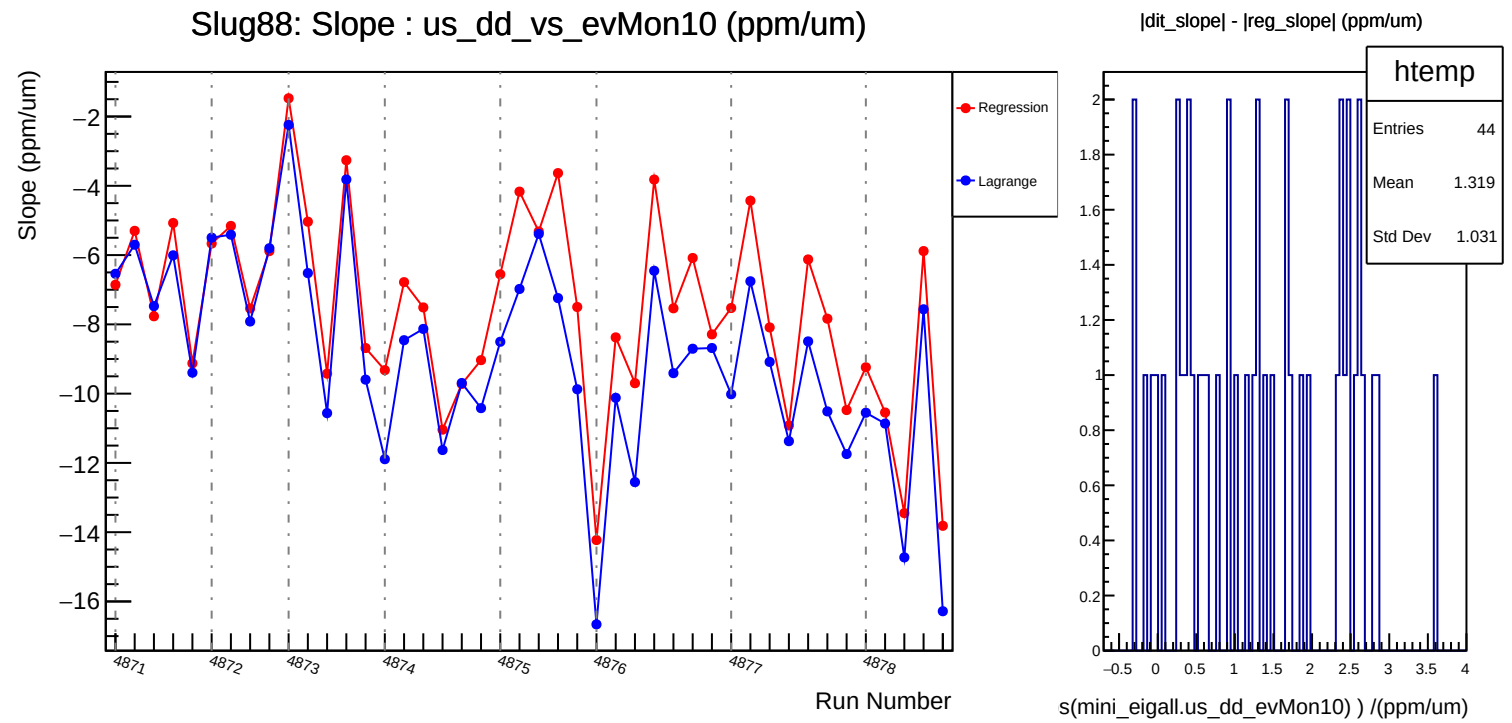

|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.7744
Std Dev 0.5862
3
2.5
2
1.5
1
0.5
0
−1
−0.5
0
0.5
1
1.5
bs(mini_eigall.us_dd_evMon5)) /(ppm/um)

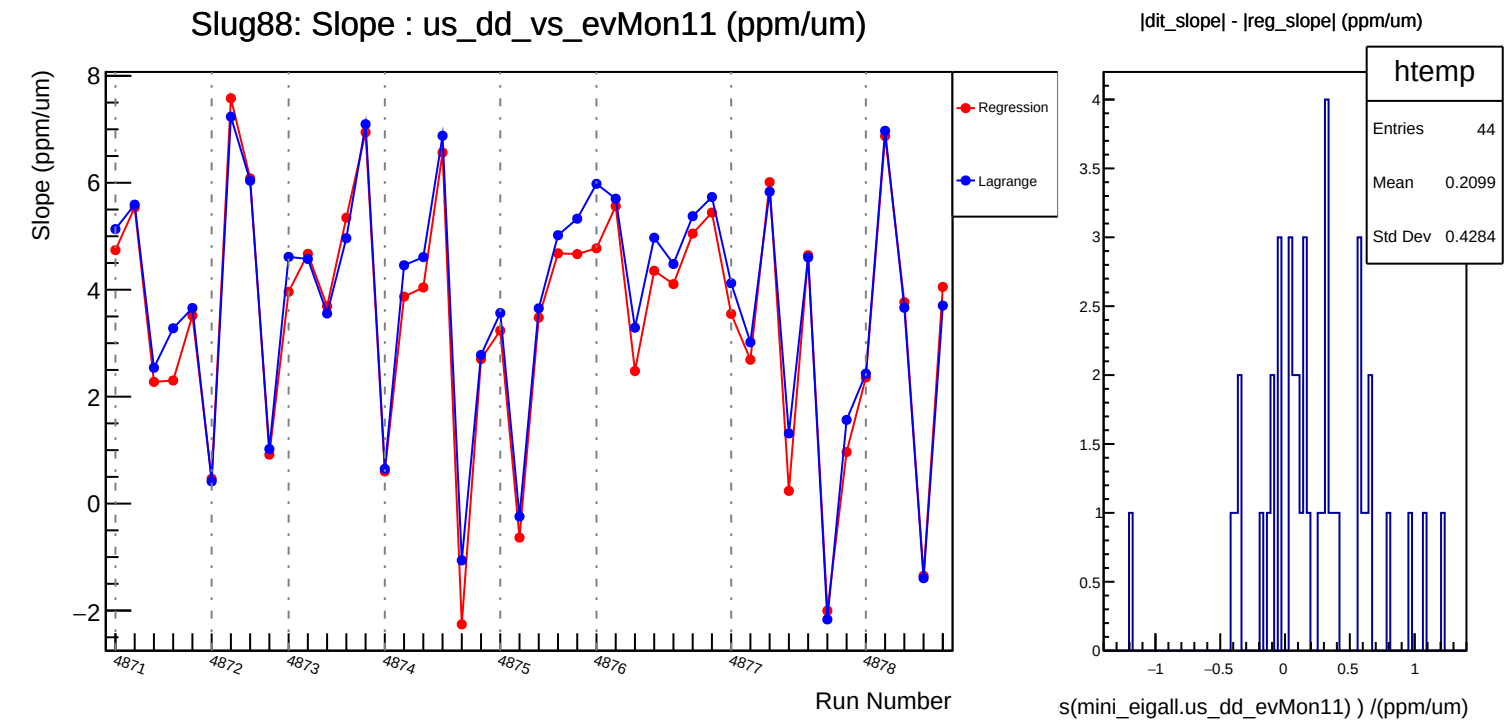

Slug88: Slope : us_dd_vs_evMon6 (ppm/um)
Slope (ppm/um)
10
5
0
−5
−10
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.6505
Std Dev 0.7969
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−1
−0.5
0
0.5
1
1.5
2
2.5
3
bs(mini_eigall.us_dd_evMon6)) /(ppm/um)


Slug88: Slope : us_dd_vs_evMon7 (ppm/um)
Slope (ppm/um)
−4
−6
−8
−10
−12
−14
−16
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.05728
Std Dev 0.9423
3
2.5
2
1.5
1
0.5
0
−2
−1
0
1
2
3
bs(mini_eigall.us_dd_evMon7)) /(ppm/um)


Slug88: Slope : us_dd_vs_evMon8 (ppm/um)
Slope (ppm/um)
15
10
5
0
−5
−10
−15
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 2.36
Std Dev 2.571
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−4
−2
0
2
4
6
8
bs(mini_eigall.us_dd_evMon8)) /(ppm/um)


Slug88: Slope : us_dd_vs_evMon9 (ppm/um)
Slope (ppm/um)
15
10
5
0
−5
−10
−15
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 1.833
Std Dev 2.233
3
2.5
2
1.5
1
0.5
0
−2
0
2
4
6
bs(mini_eigall.us_dd_evMon9)) /(ppm/um)


Slug88: Slope : us_dd_vs_evMon10 (ppm/um)
Slope (ppm/um)
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 1.319
Std Dev 1.031
s(mini_eigall.us_dd_evMon10)) /(ppm/um)


Slug88: Slope : us_dd_vs_evMon11 (ppm/um)
Slope (ppm/um)
8
6
4
2
0
−2
4871
4872
4873
4874
4875
4876
4877
4878
Run Number
Regression
Lagrange
|dit_slope| - |reg_slope| (ppm/um)
htemp
Entries 44
Mean 0.2099
Std Dev 0.4284
4
3.5
3
2.5
2
1.5
1
0.5
0
−1
−0.5
0
0.5
1
s(mini_eigall.us_dd_evMon11)) /(ppm/um)