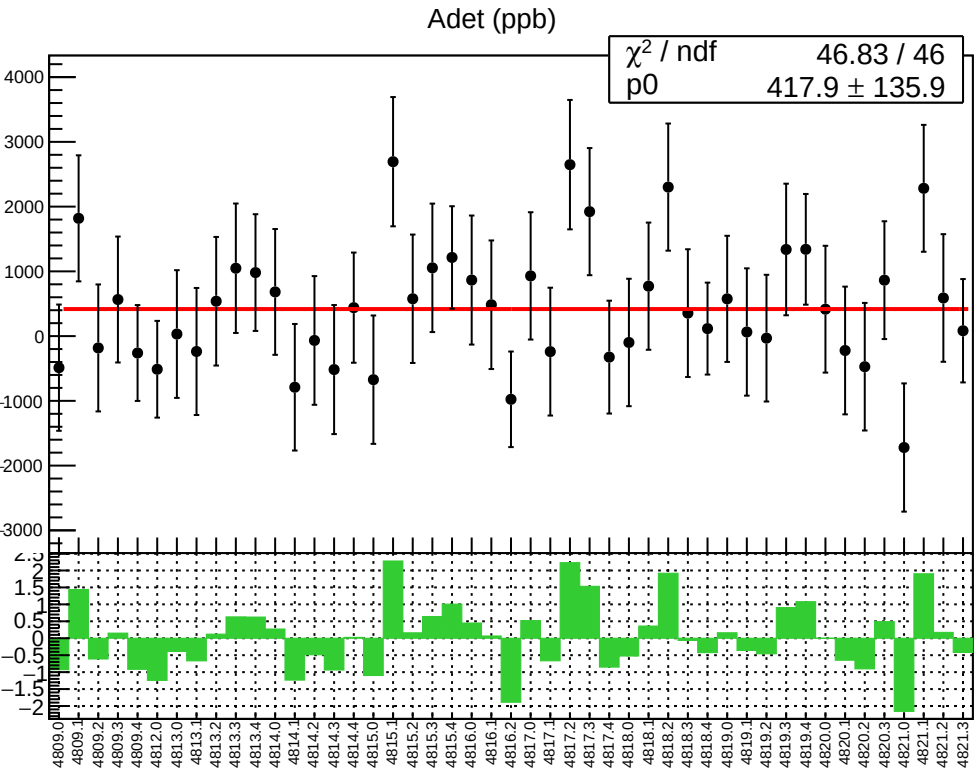
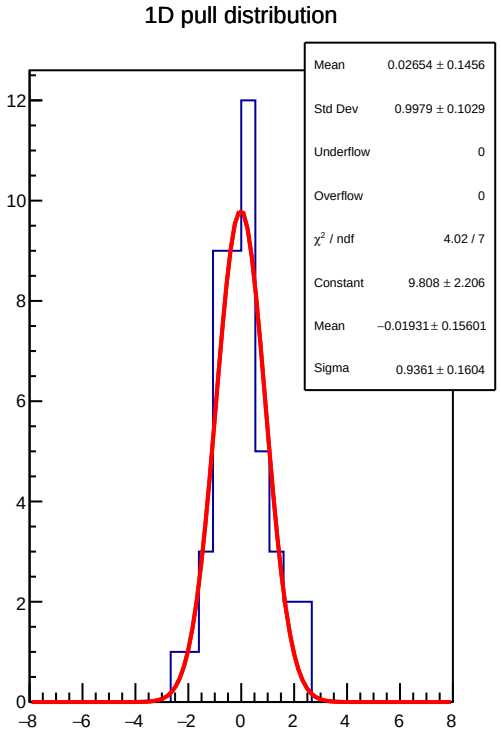
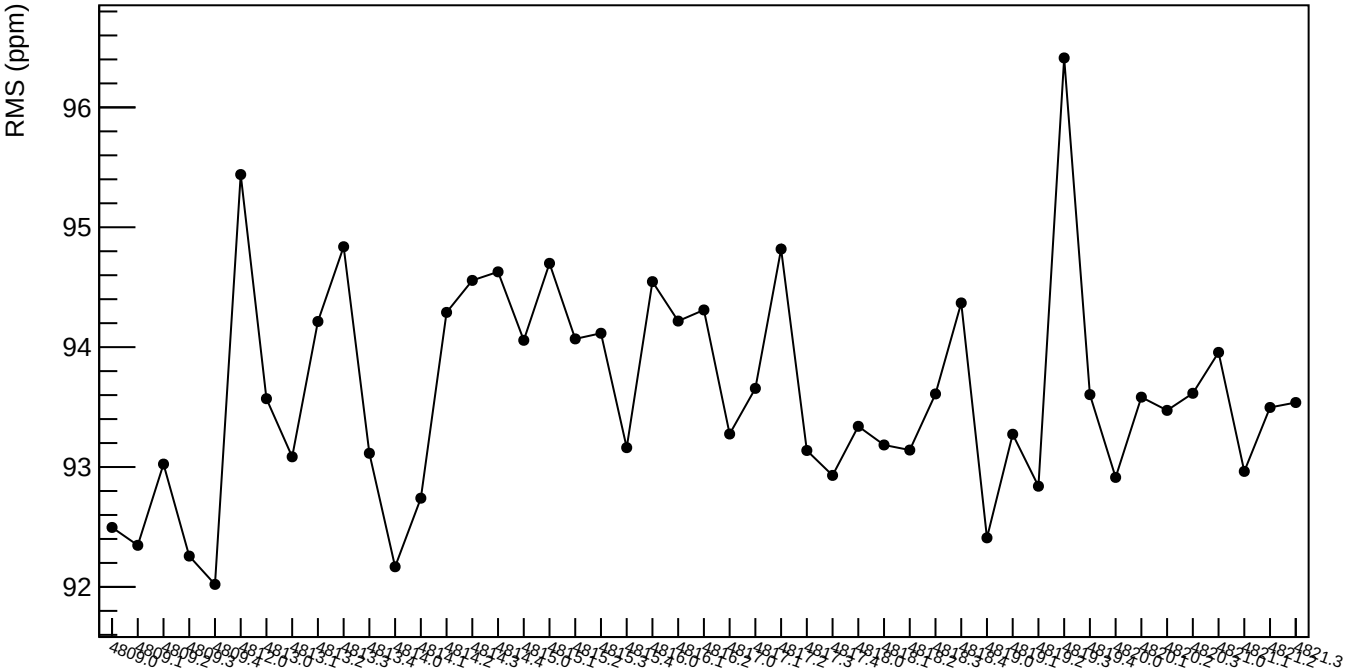
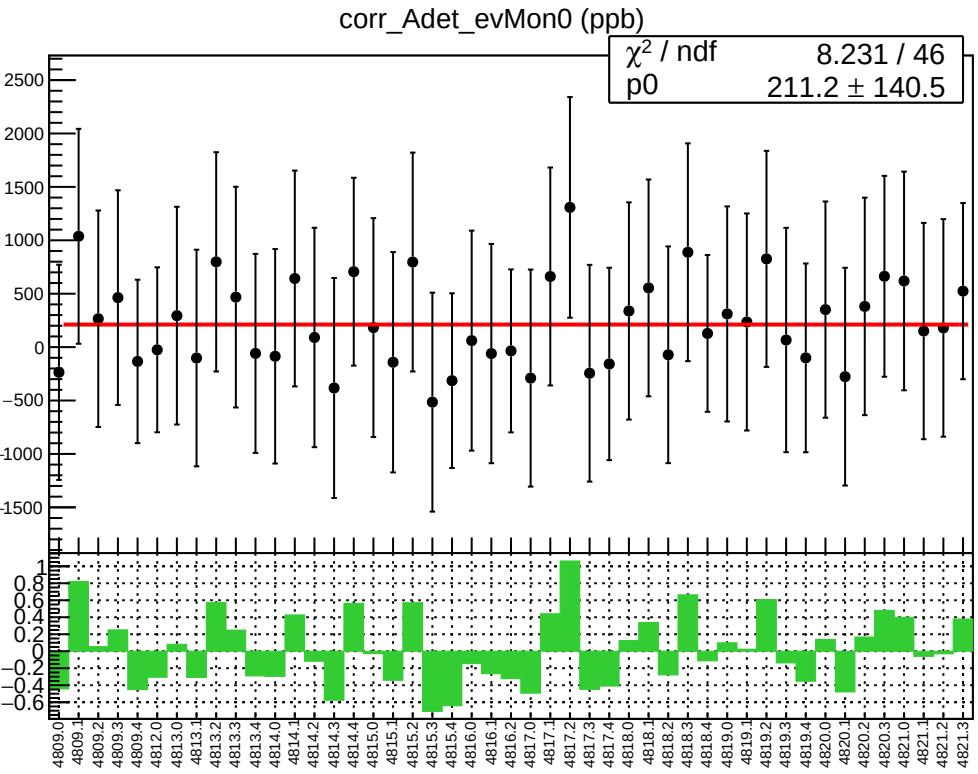
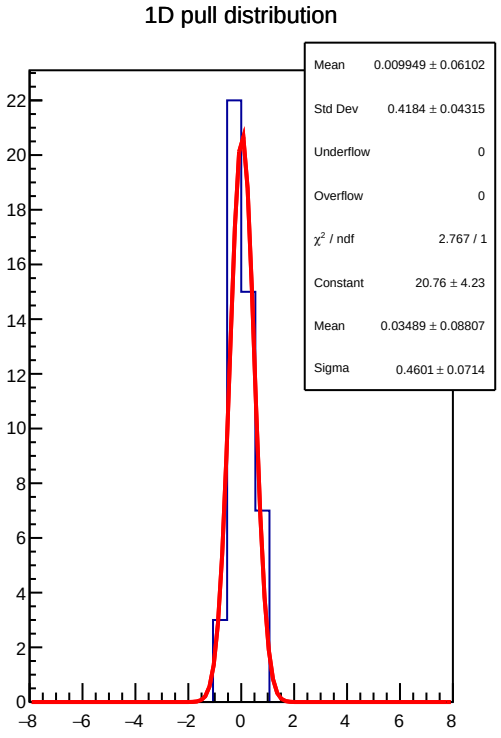

Adet (ppb)
χ² / ndf 46.83 / 46
p0 417.9 ± 135.9
4000
3000
2000
1000
0
-1000
-2000
-3000
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.02654 ± 0.1456
Std Dev 0.9979 ± 0.1029
Underflow 0
Overflow 0
χ² / ndf 4.02 / 7
Constant 9.808 ± 2.206
Mean −0.01931 ± 0.15601
Sigma 0.9361 ± 0.1604
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

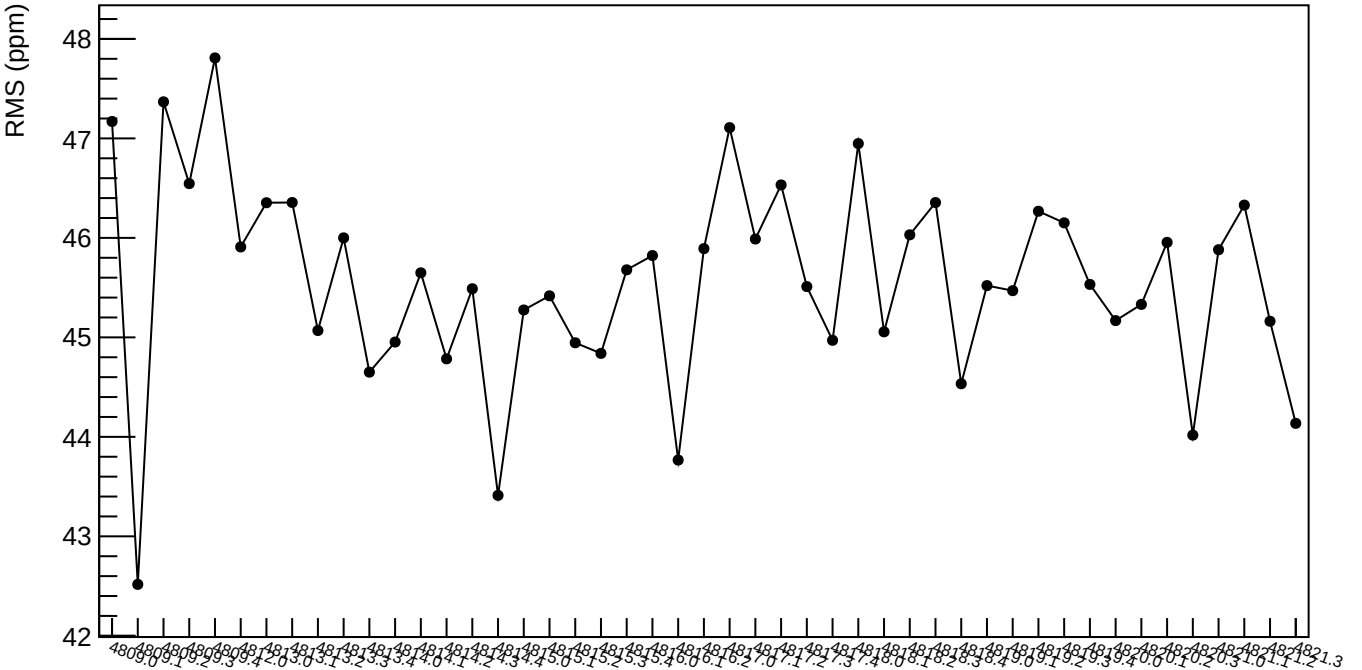
Adet RMS (ppm)

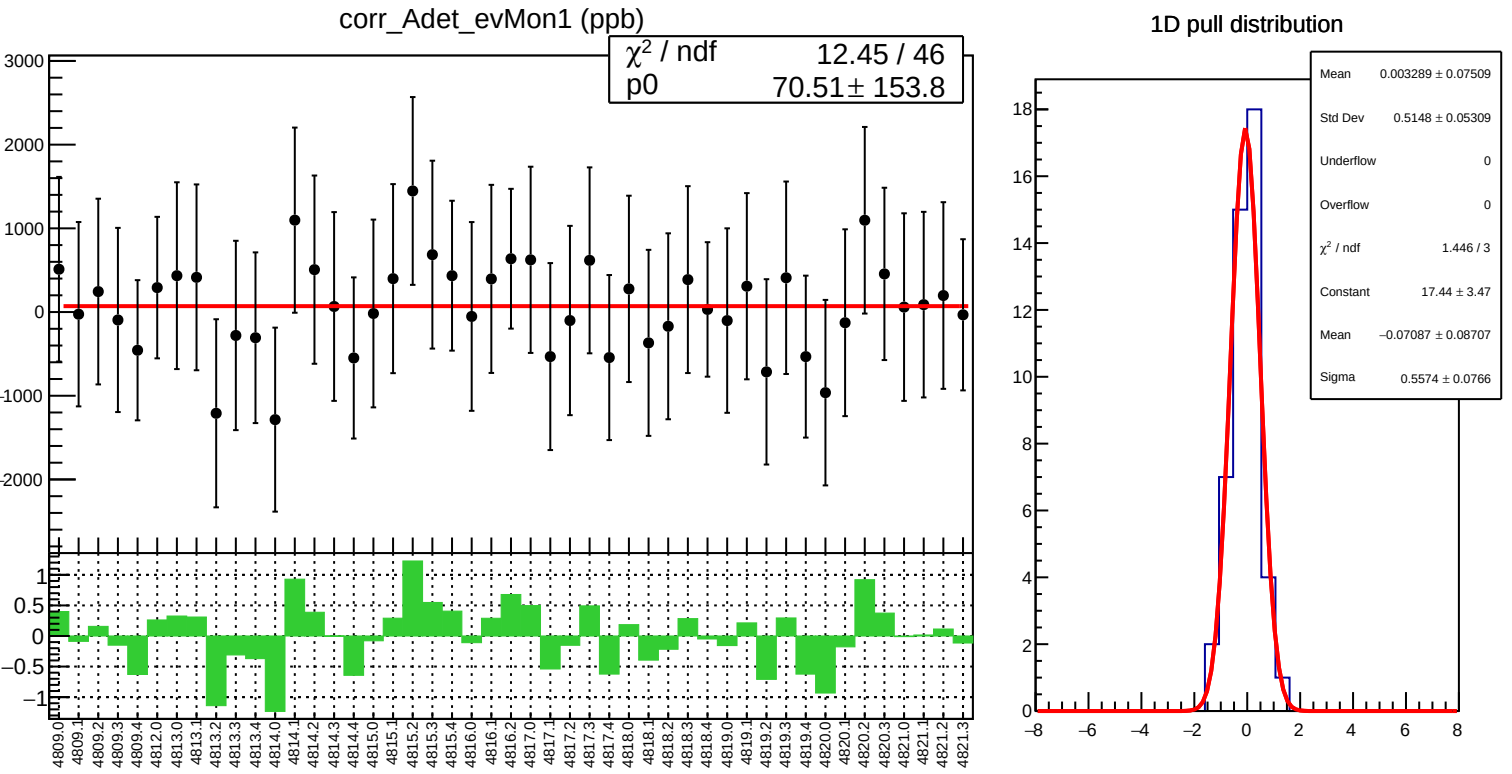


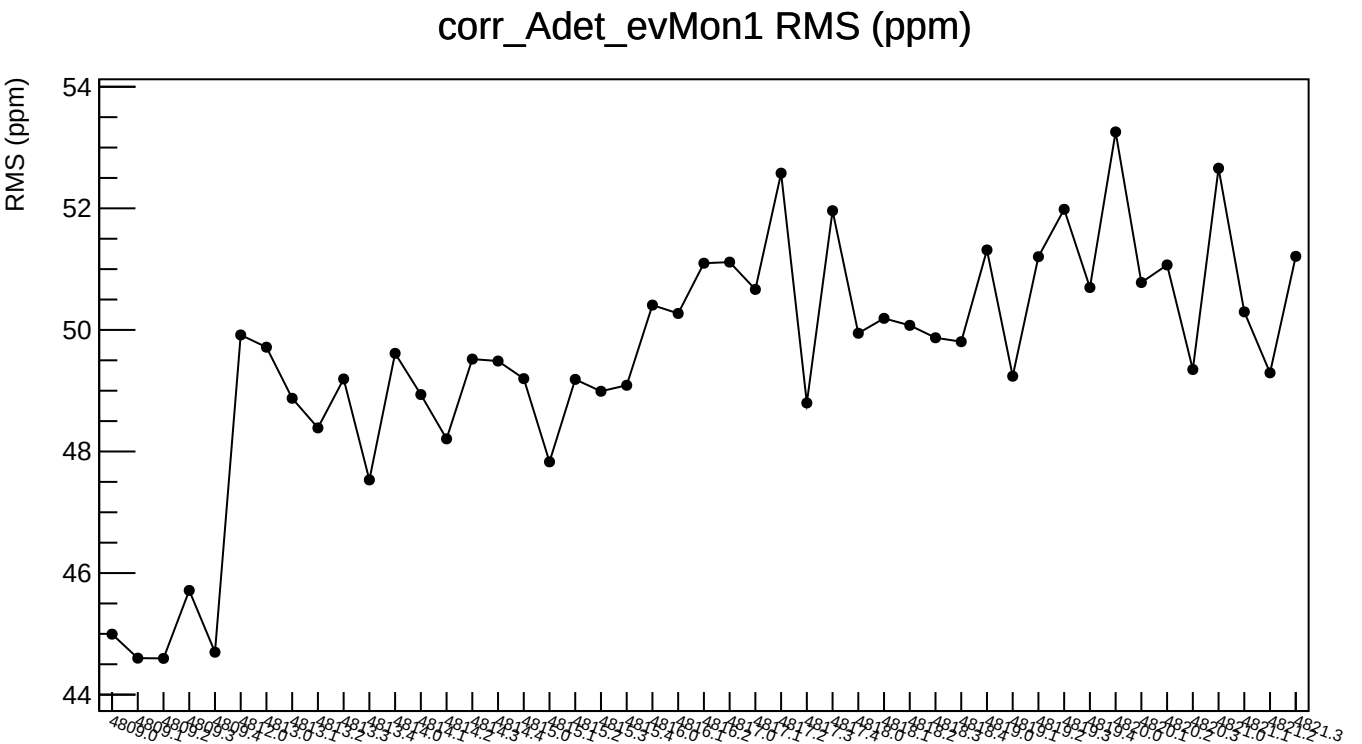

corr_Adet_evMon0 (ppb)
χ² / ndf 8.231 / 46
p0 211.2 ± 140.5

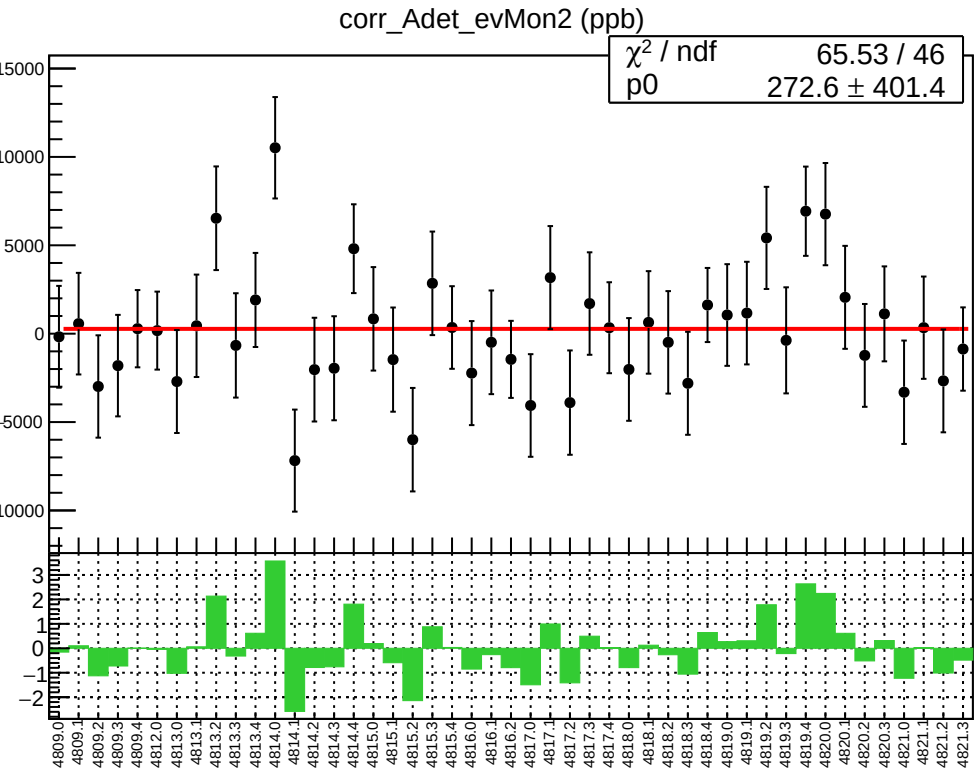

1D pull distribution
Mean 0.009949 ± 0.06102
Std Dev 0.4184 ± 0.04315
Underflow 0
Overflow 0
χ² / ndf 2.767 / 1
Constant 20.76 ± 4.23
Mean 0.03489 ± 0.08807
Sigma 0.4601 ± 0.0714

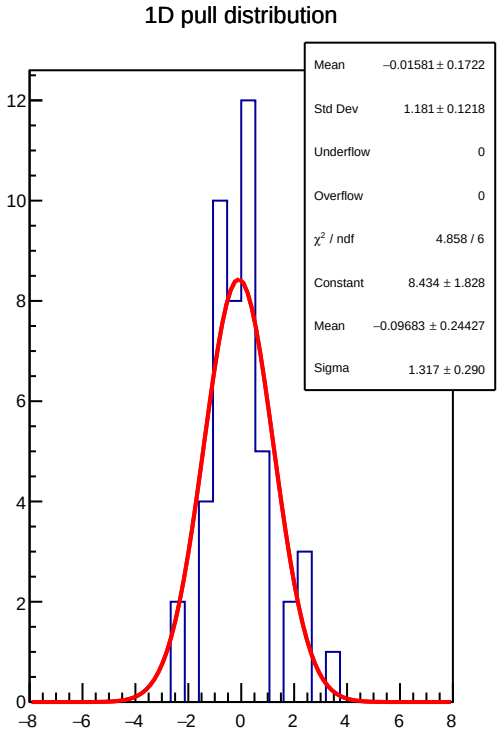
corr_Adet_evMon0 RMS (ppm)



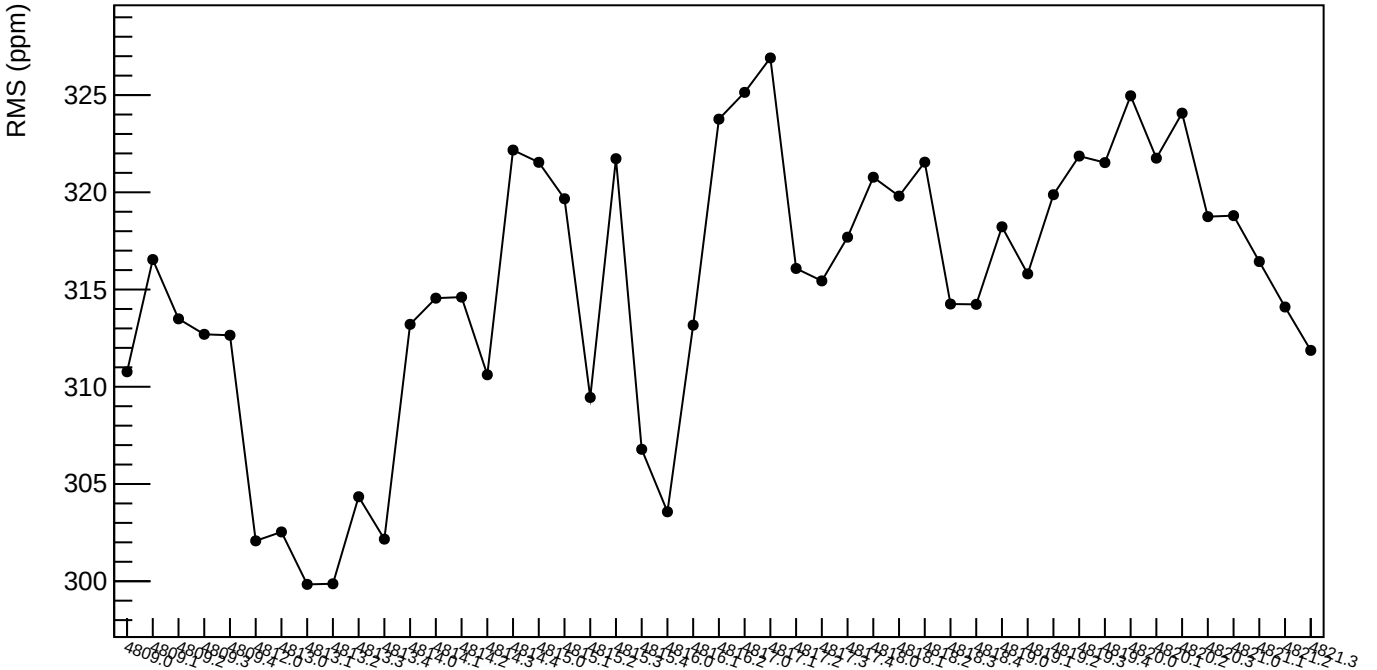

corr_Adet_evMon1 (ppb)
χ² / ndf 12.45 / 46
p0 70.51 ± 153.8
1D pull distribution
Mean 0.003289 ± 0.07509
Std Dev 0.5148 ± 0.05309
Underflow 0
Overflow 0
χ² / ndf 1.446 / 3
Constant 17.44 ± 3.47
Mean −0.07087 ± 0.08707
Sigma 0.5574 ± 0.0766

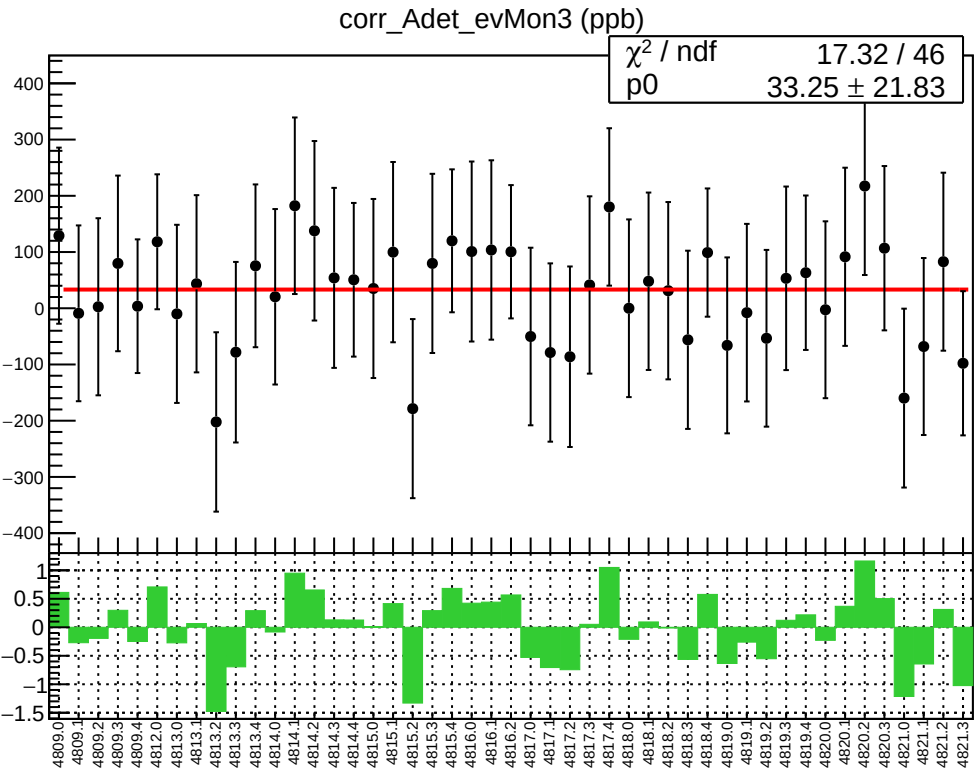

corr_Adet_evMon1 RMS (ppm)
RMS (ppm)
54
52
50
48
46
44

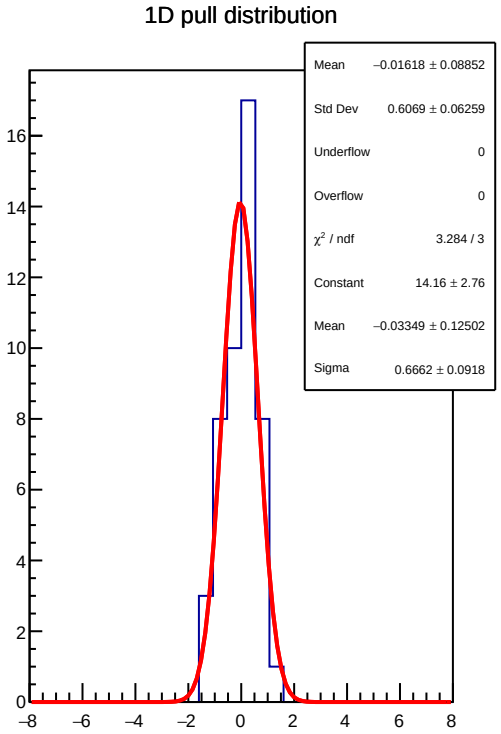

corr_Adet_evMon2 (ppb)
χ² / ndf 65.53 / 46
p0 272.6 ± 401.4
15000
10000
5000
0
-5000
-10000
3
2
1
0
−1
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean −0.01581 ± 0.1722
Std Dev 1.181 ± 0.1218
Underflow 0
Overflow 0
χ² / ndf 4.858 / 6
Constant 8.434 ± 1.828
Mean −0.09683 ± 0.24427
Sigma 1.317 ± 0.290
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

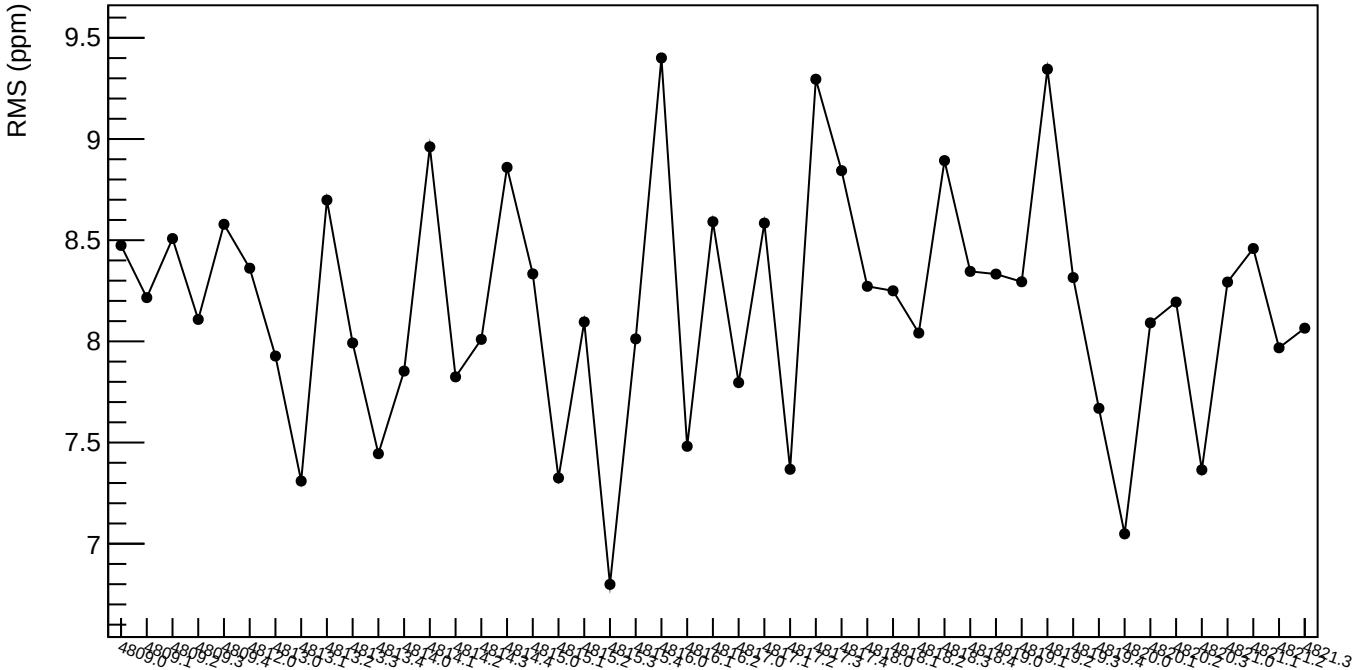
corr_Adet_evMon2 RMS (ppm)

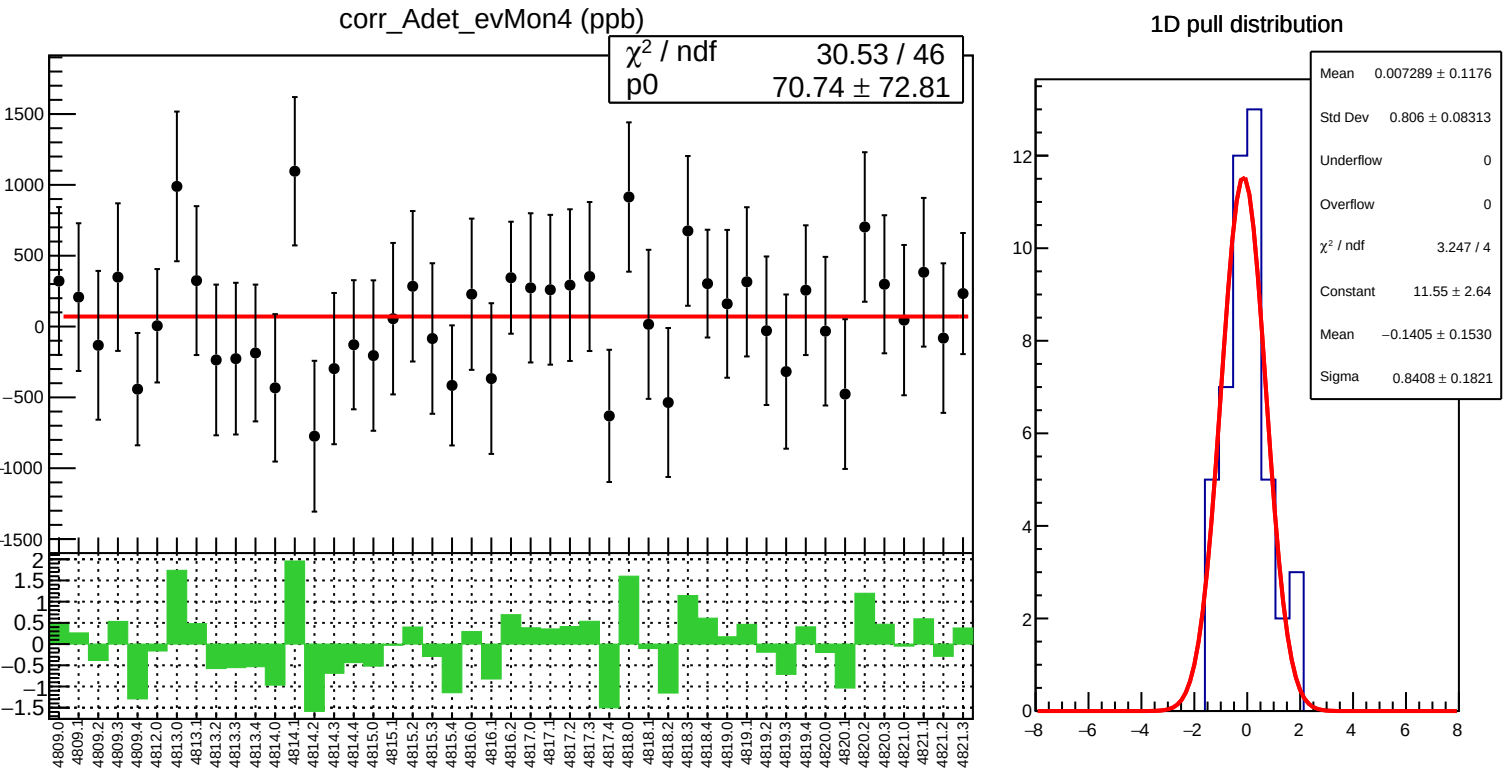



corr_Adet_evMon3 (ppb)
χ² / ndf 17.32 / 46
p0 33.25 ± 21.83
Pull

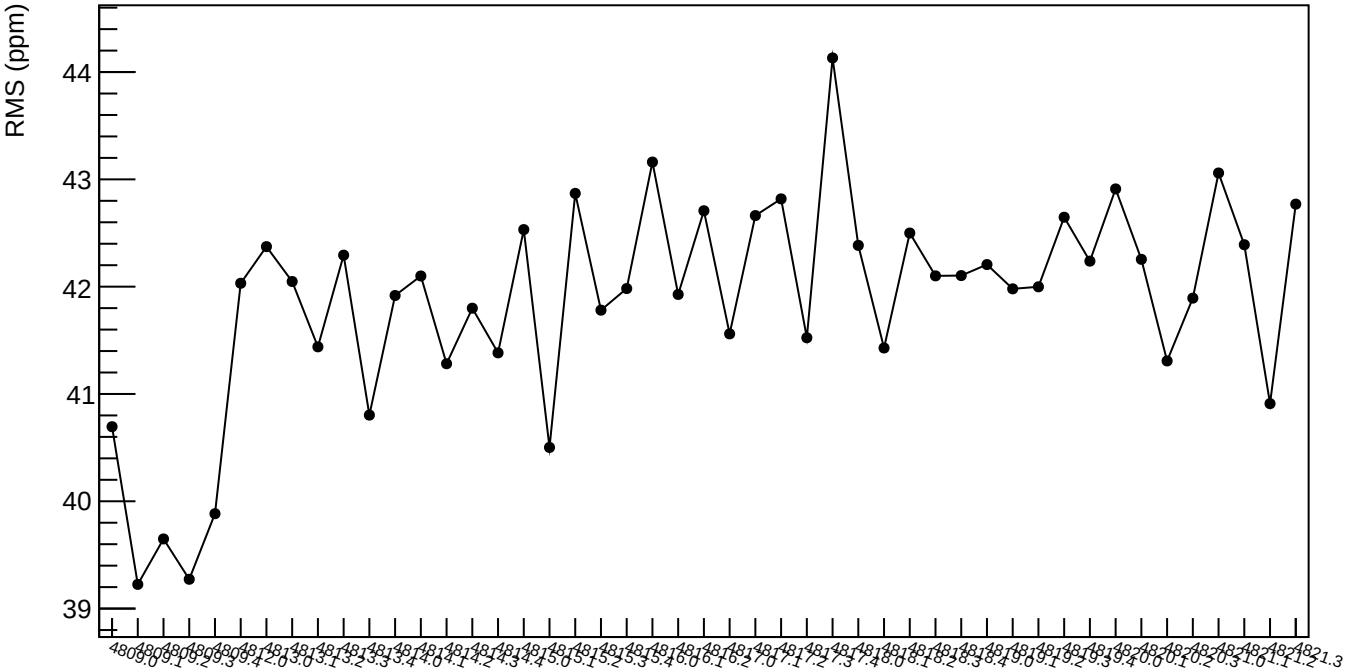

1D pull distribution
Mean −0.01618 ± 0.08852
Std Dev 0.6069 ± 0.06259
Underflow 0
Overflow 0
χ² / ndf 3.284 / 3
Constant 14.16 ± 2.76
Mean −0.03349 ± 0.12502
Sigma 0.6662 ± 0.0918

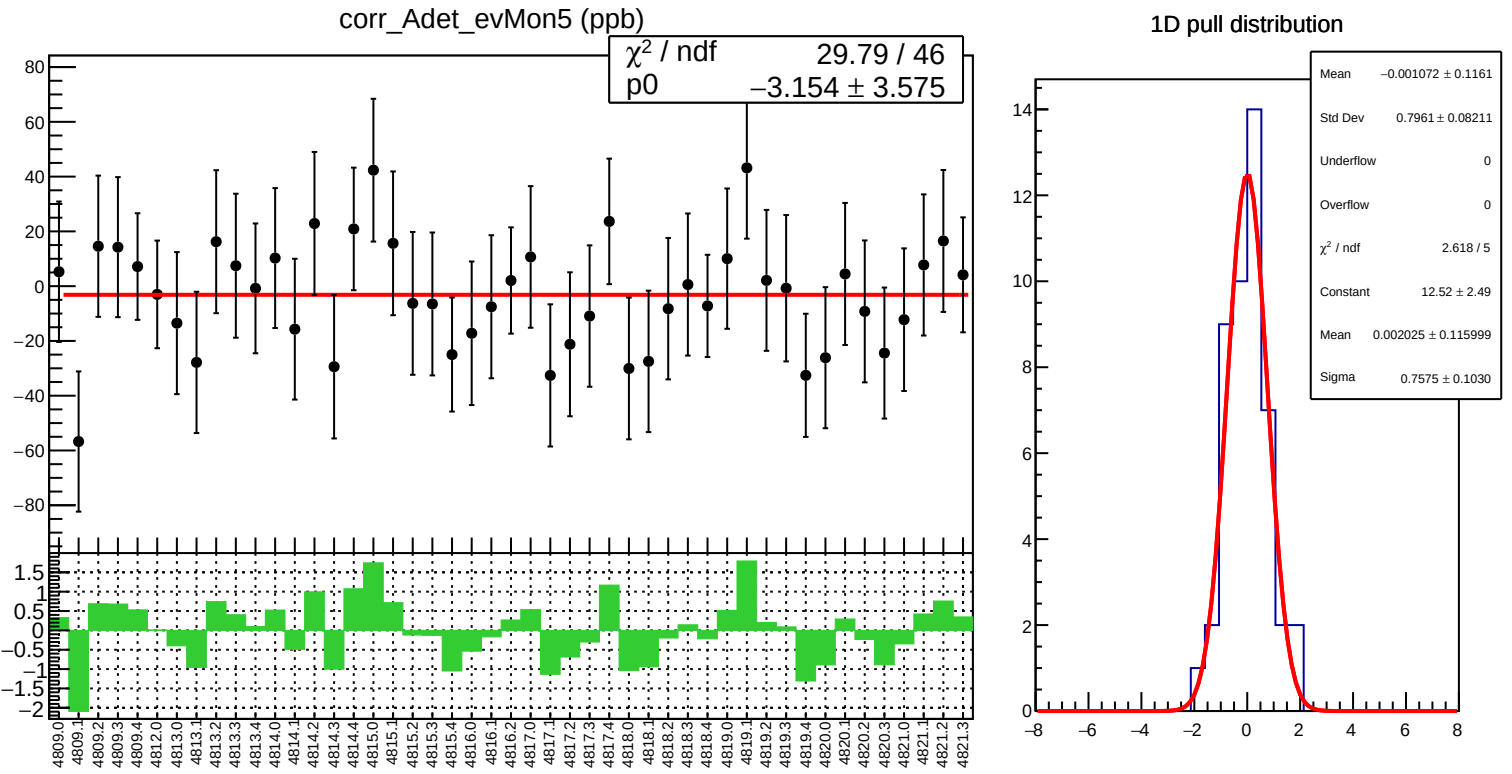
corr_Adet_evMon3 RMS (ppm)



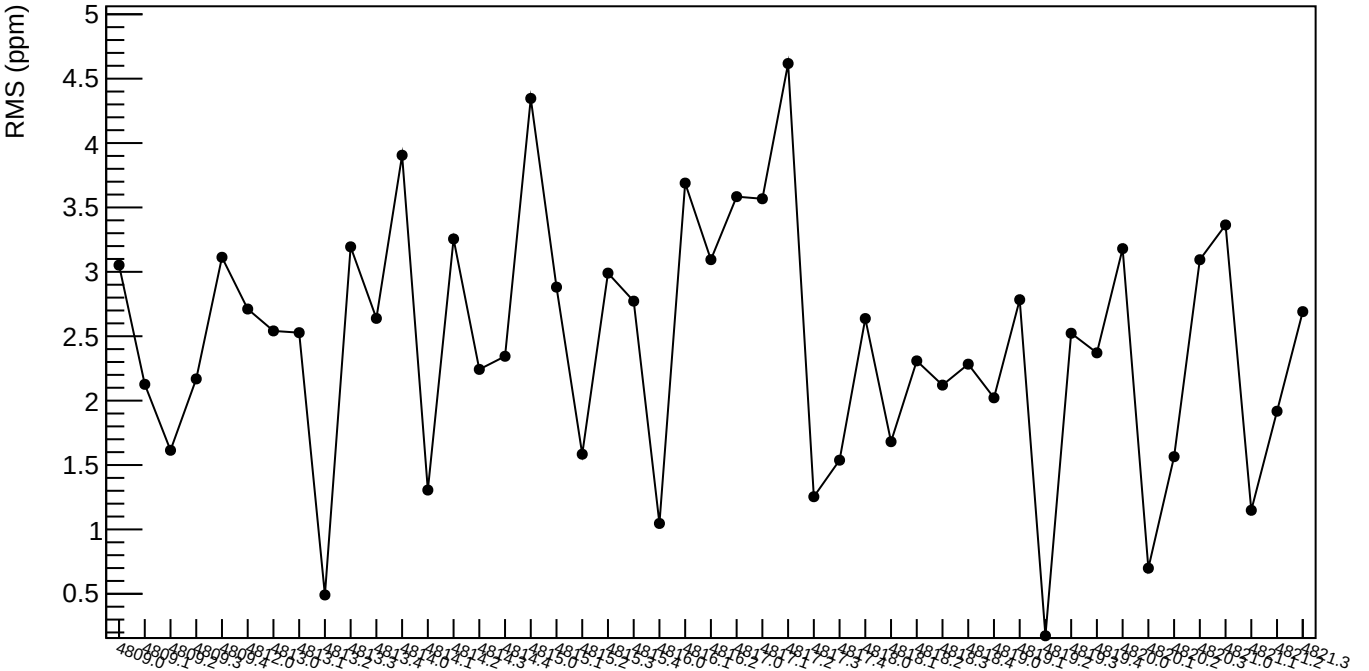

corr_Adet_evMon4 (ppb)
χ² / ndf 30.53 / 46
p0 70.74 ± 72.81
1D pull distribution
Mean 0.007289 ± 0.1176
Std Dev 0.806 ± 0.08313
Underflow 0
Overflow 0
χ² / ndf 3.247 / 4
Constant 11.55 ± 2.64
Mean −0.1405 ± 0.1530
Sigma 0.8408 ± 0.1821

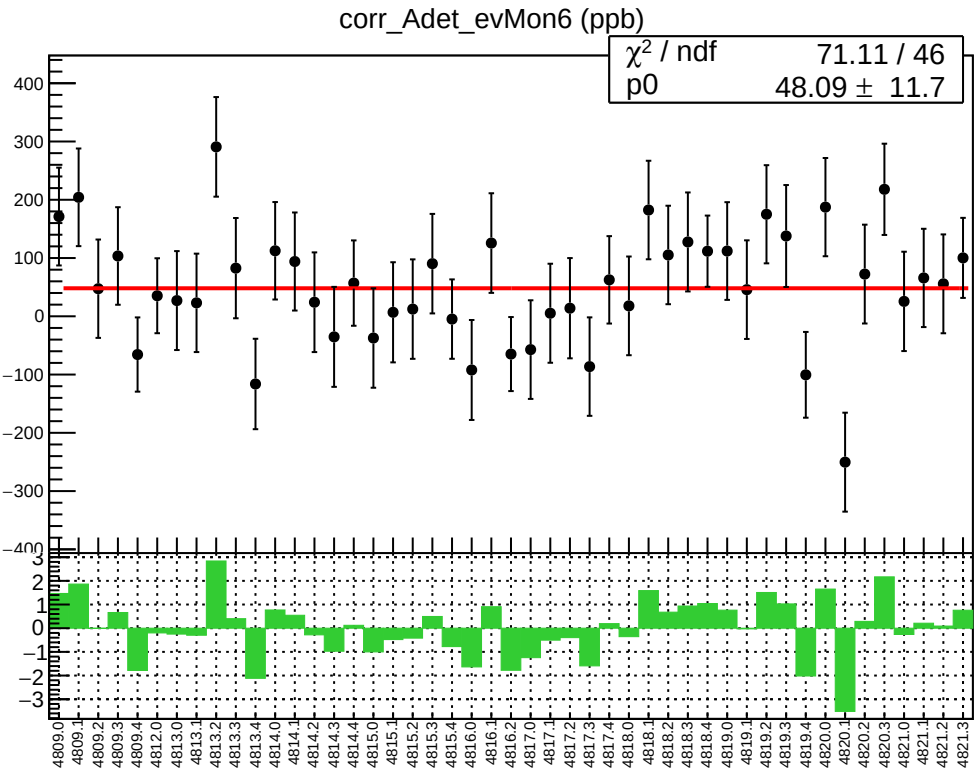
corr_Adet_evMon4 RMS (ppm)

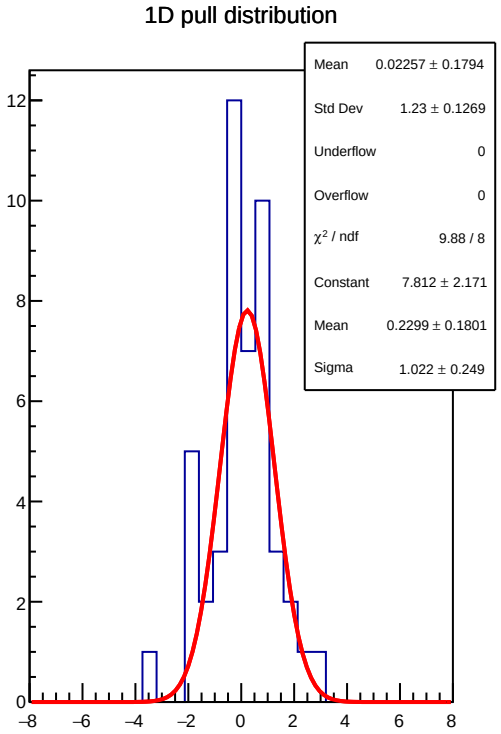



corr_Adet_evMon5 (ppb)
χ² / ndf 29.79 / 46
p0 −3.154 ± 3.575
1D pull distribution
Mean −0.001072 ± 0.1161
Std Dev 0.7961 ± 0.08211
Underflow 0
Overflow 0
χ² / ndf 2.618 / 5
Constant 12.52 ± 2.49
Mean 0.002025 ± 0.115999
Sigma 0.7575 ± 0.1030

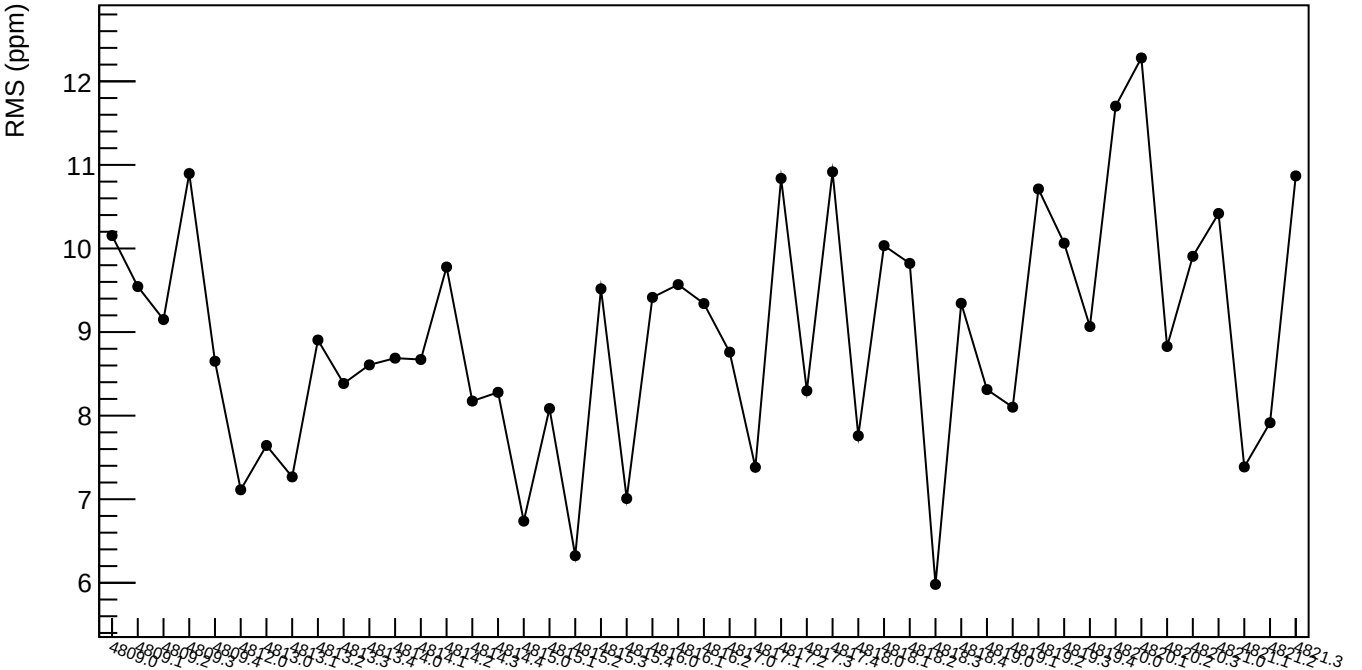
corr_Adet_evMon5 RMS (ppm)

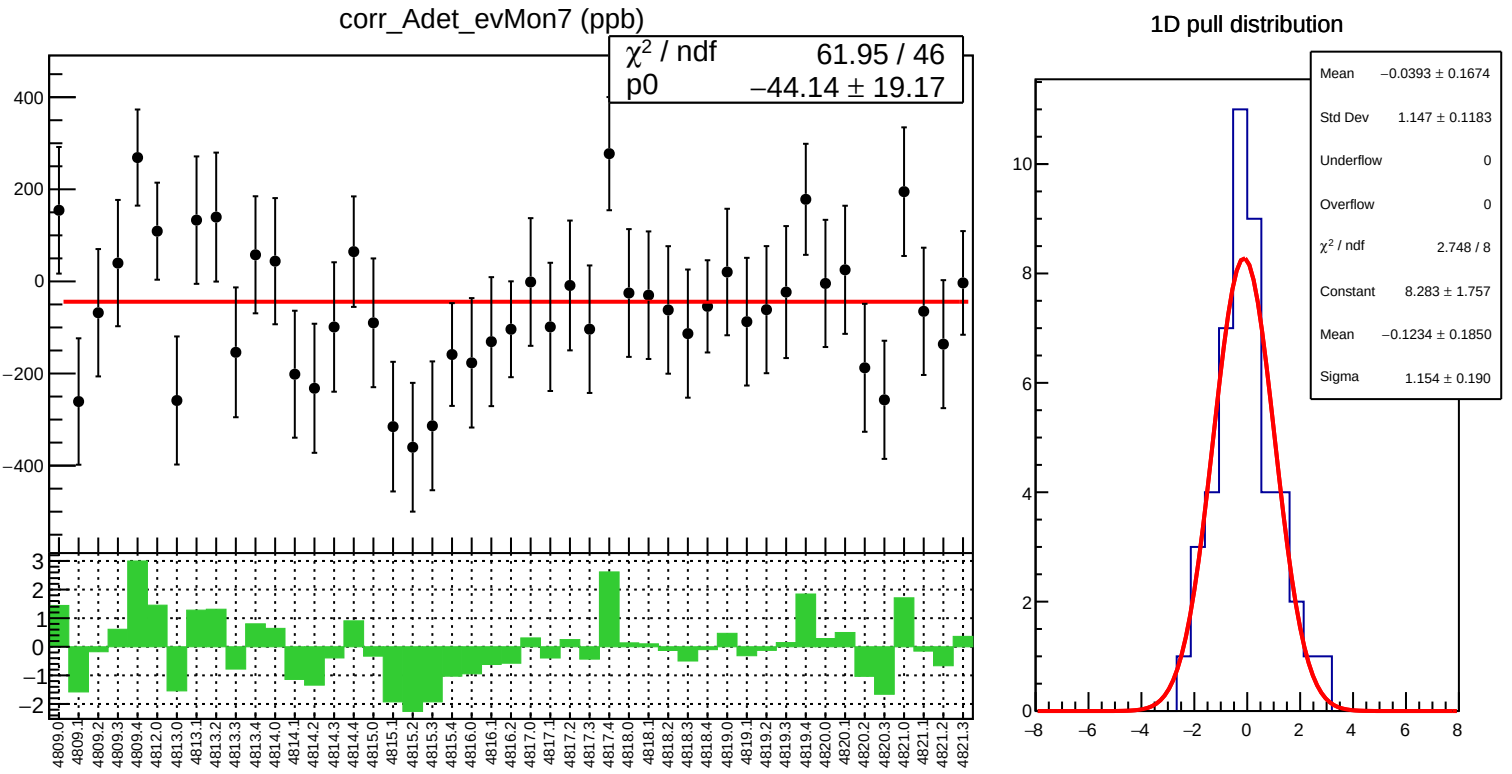



corr_Adet_evMon6 (ppb)
χ² / ndf 71.11 / 46
p0 48.09 ± 11.7
400
300
200
100
0
−100
−200
−300
−400
3
2
1
0
−1
−2
−3
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

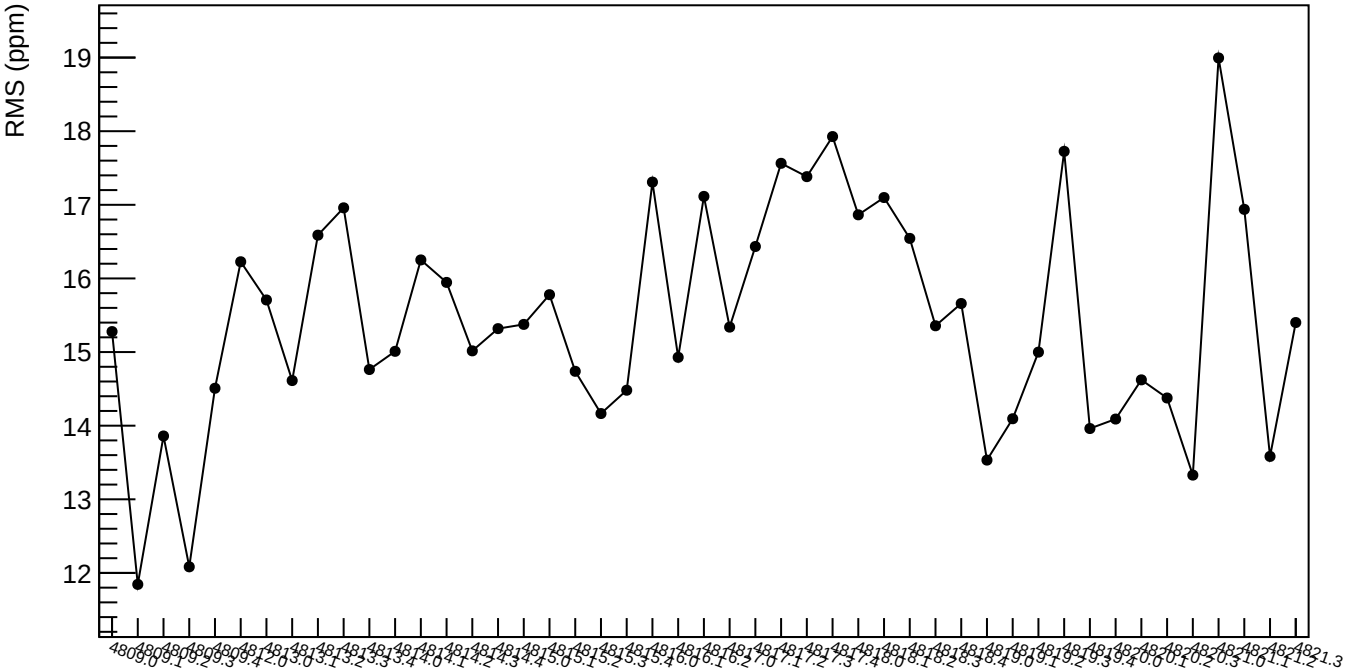

1D pull distribution
Mean 0.02257 ± 0.1794
Std Dev 1.23 ± 0.1269
Underflow 0
Overflow 0
χ² / ndf 9.88 / 8
Constant 7.812 ± 2.171
Mean 0.2299 ± 0.1801
Sigma 1.022 ± 0.249
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

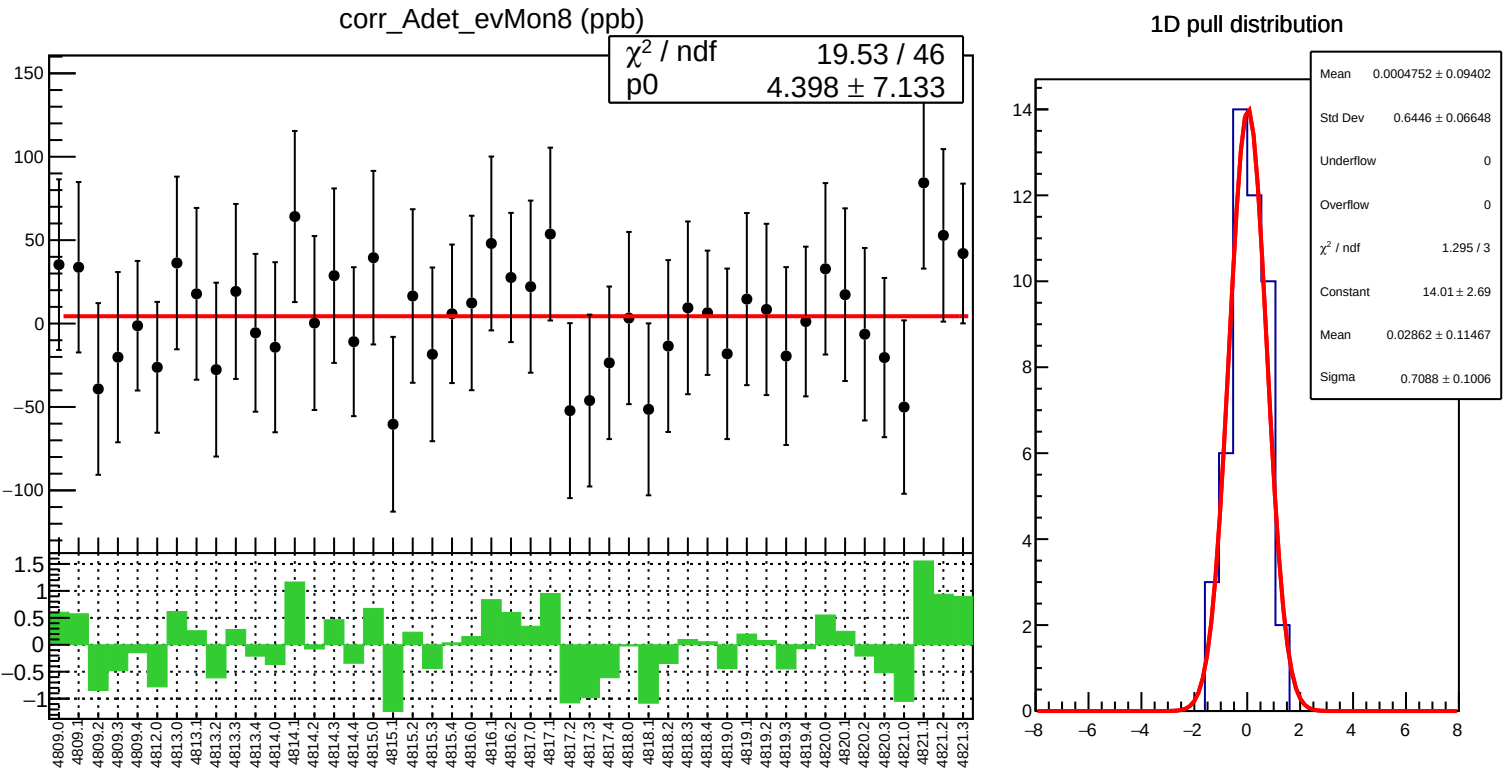
corr_Adet_evMon6 RMS (ppm)

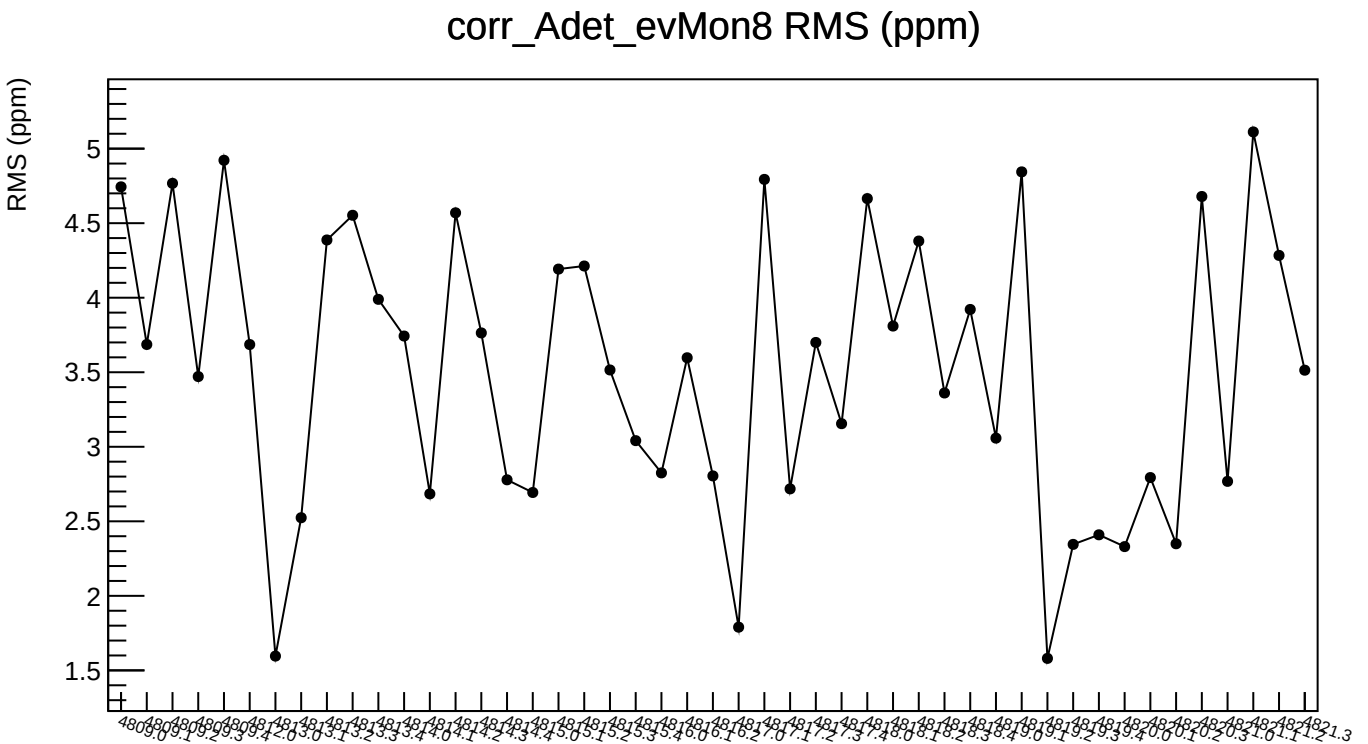


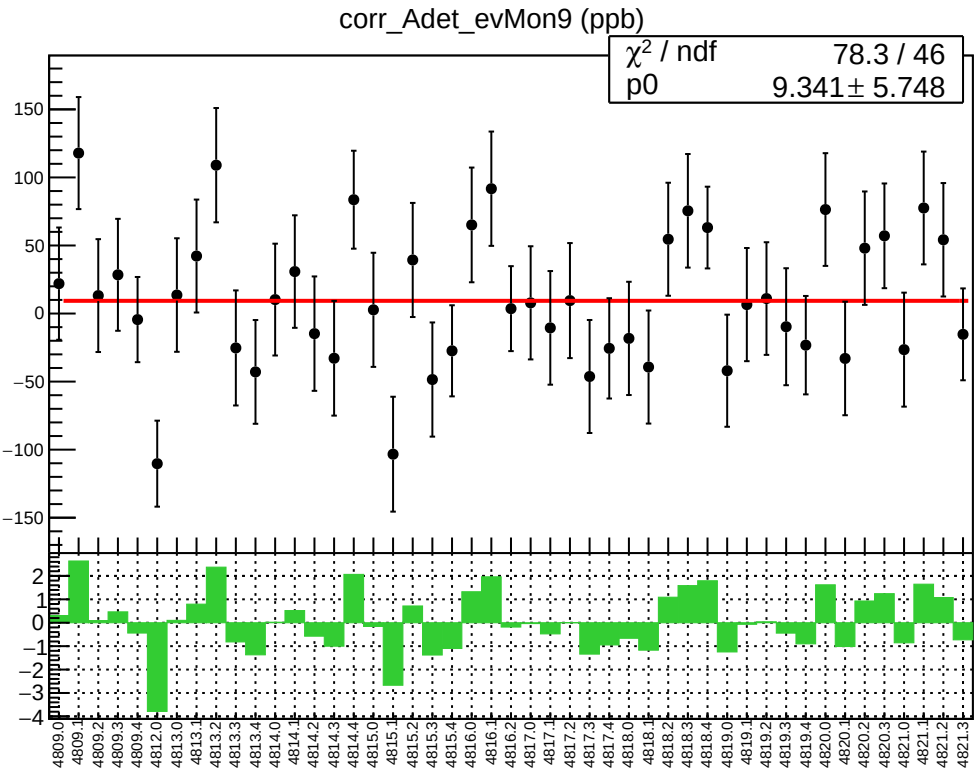

corr_Adet_evMon7 (ppb)
χ² / ndf 61.95 / 46
p0 −44.14 ± 19.17
1D pull distribution
Mean −0.0393 ± 0.1674
Std Dev 1.147 ± 0.1183
Underflow 0
Overflow 0
χ² / ndf 2.748 / 8
Constant 8.283 ± 1.757
Mean −0.1234 ± 0.1850
Sigma 1.154 ± 0.190

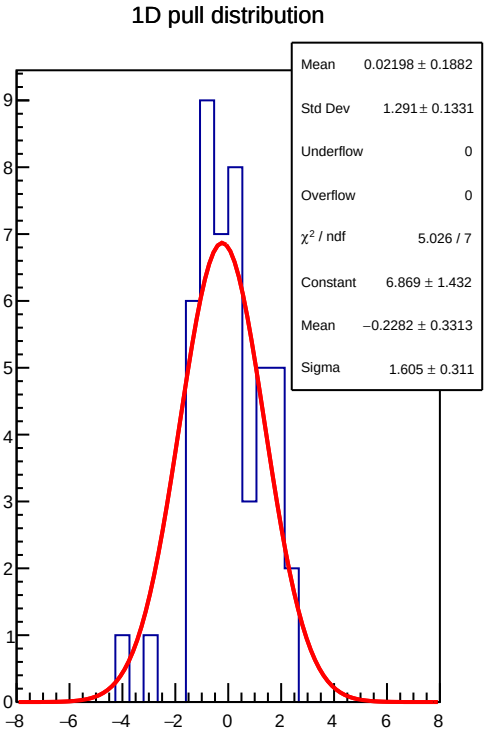
corr_Adet_evMon7 RMS (ppm)



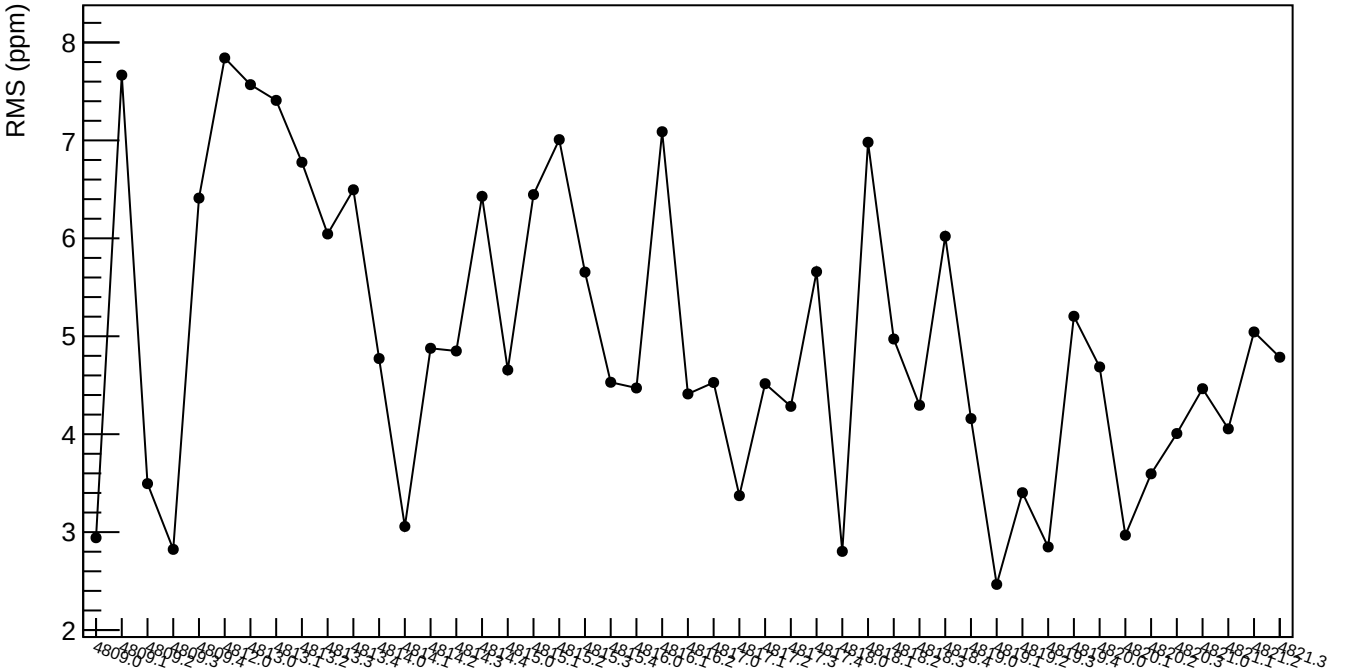

corr_Adet_evMon8 (ppb)
χ² / ndf 19.53 / 46
p0 4.398 ± 7.133
1D pull distribution
Mean 0.0004752 ± 0.09402
Std Dev 0.6446 ± 0.06648
Underflow 0
Overflow 0
χ² / ndf 1.295 / 3
Constant 14.01 ± 2.69
Mean 0.02862 ± 0.11467
Sigma 0.7088 ± 0.1006

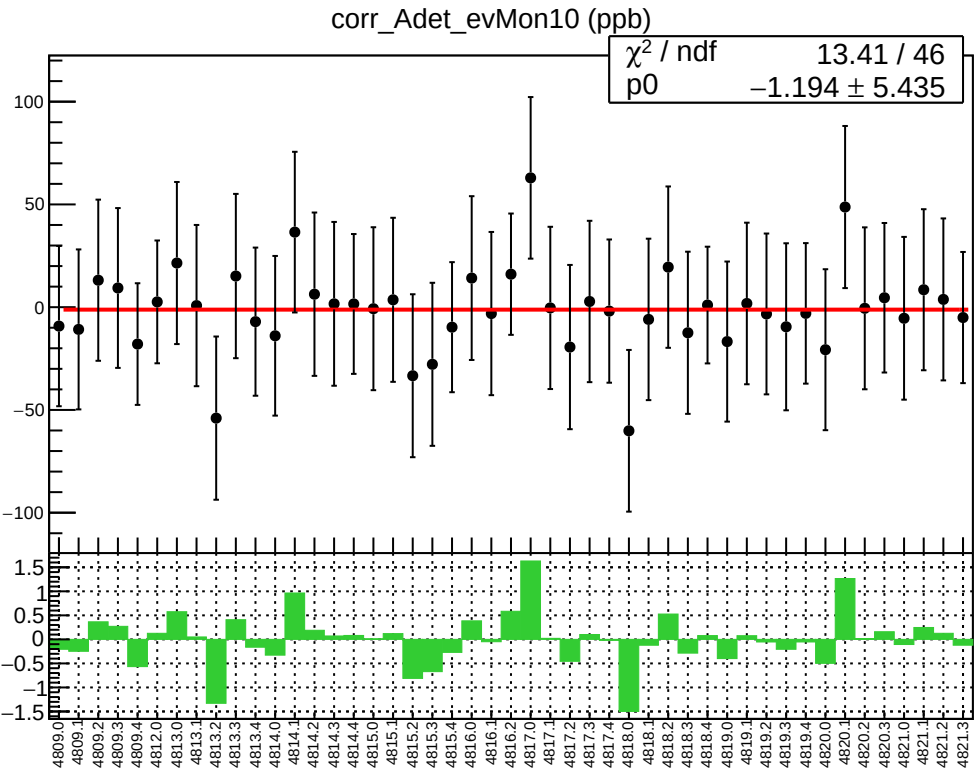

corr_Adet_evMon8 RMS (ppm)
RMS (ppm)
5
4.5
4
3.5
3
2.5
2
1.5

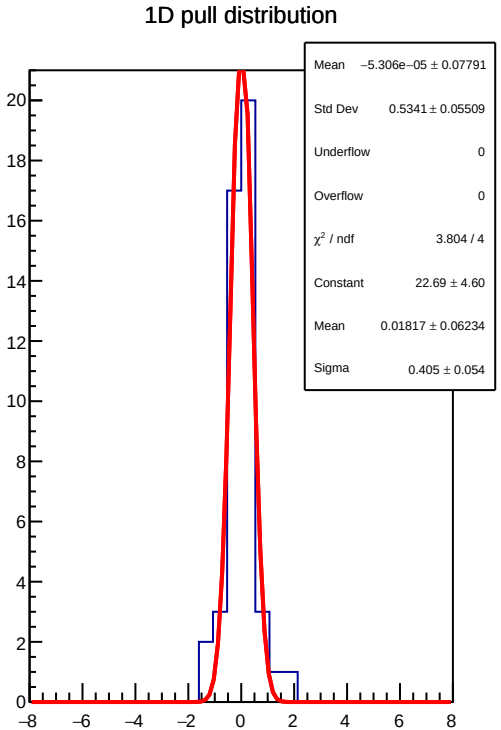

corr_Adet_evMon9 (ppb)
χ² / ndf 78.3 / 46
p0 9.341 ± 5.748


1D pull distribution
Mean 0.02198 ± 0.1882
Std Dev 1.291 ± 0.1331
Underflow 0
Overflow 0
χ² / ndf 5.026 / 7
Constant 6.869 ± 1.432
Mean −0.2282 ± 0.3313
Sigma 1.605 ± 0.311

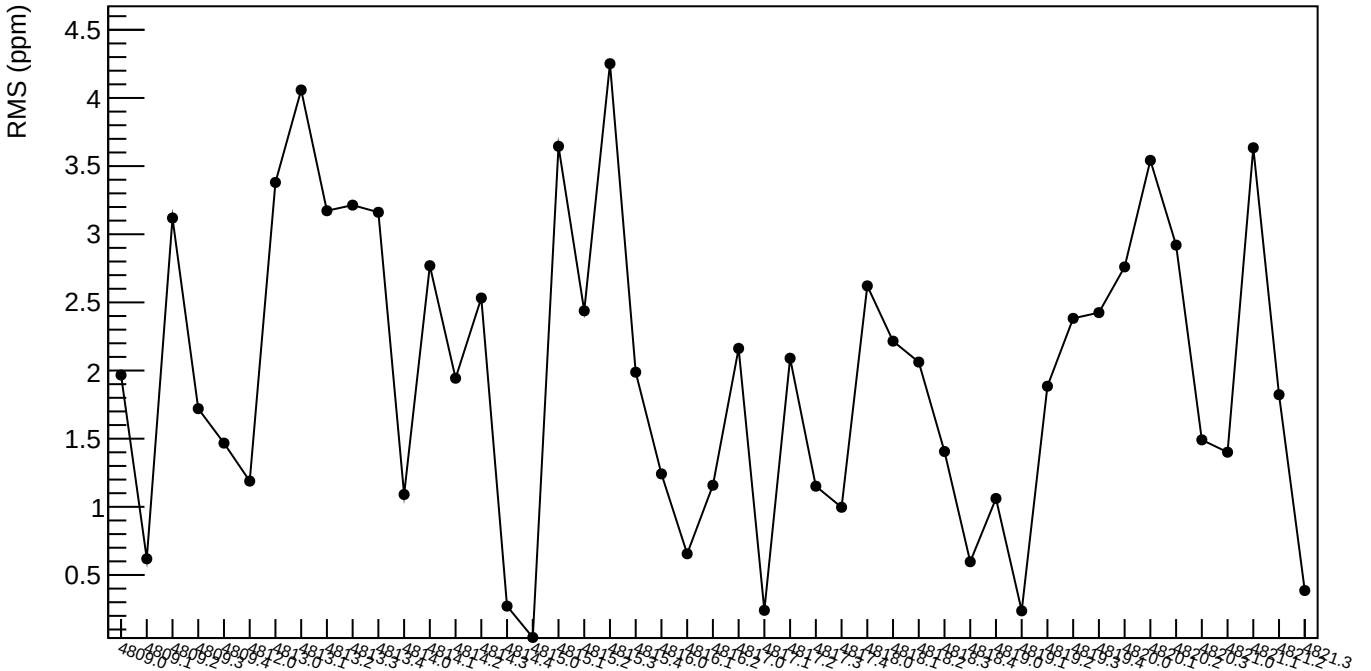
corr_Adet_evMon9 RMS (ppm)

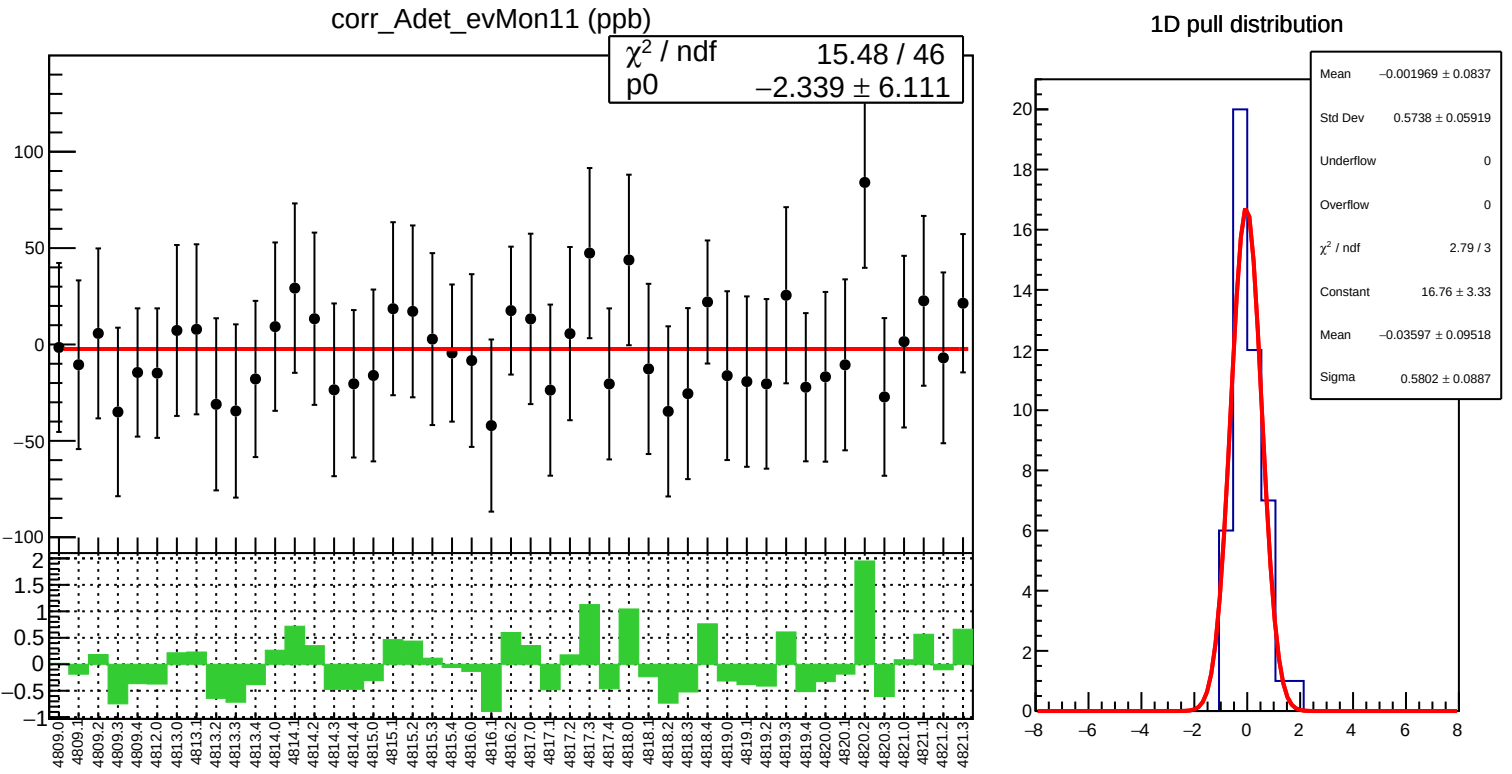



corr_Adet_evMon10 (ppb)
χ² / ndf 13.41 / 46
p0 −1.194 ± 5.435
100
50
0
−50
−100
1.5
1
0.5
0
−0.5
−1
−1.5
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

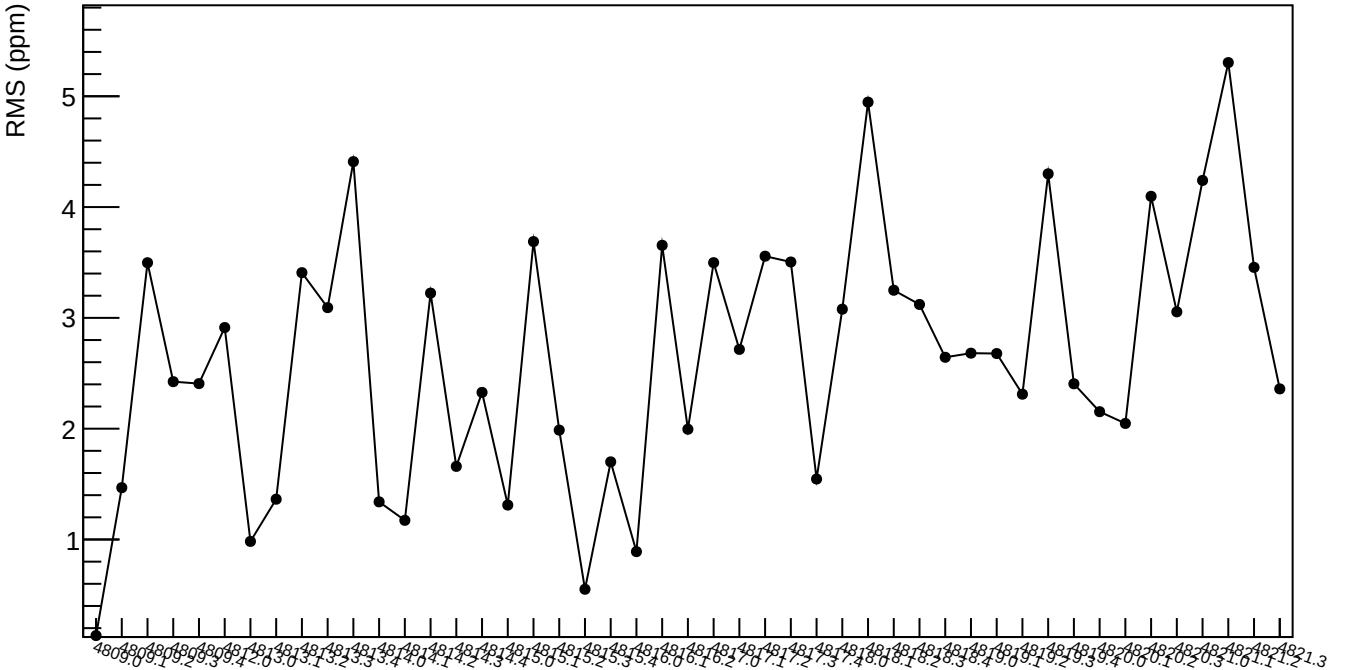

1D pull distribution
Mean −5.306e−05 ± 0.07791
Std Dev 0.5341 ± 0.05509
Underflow 0
Overflow 0
χ² / ndf 3.804 / 4
Constant 22.69 ± 4.60
Mean 0.01817 ± 0.06234
Sigma 0.405 ± 0.054
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

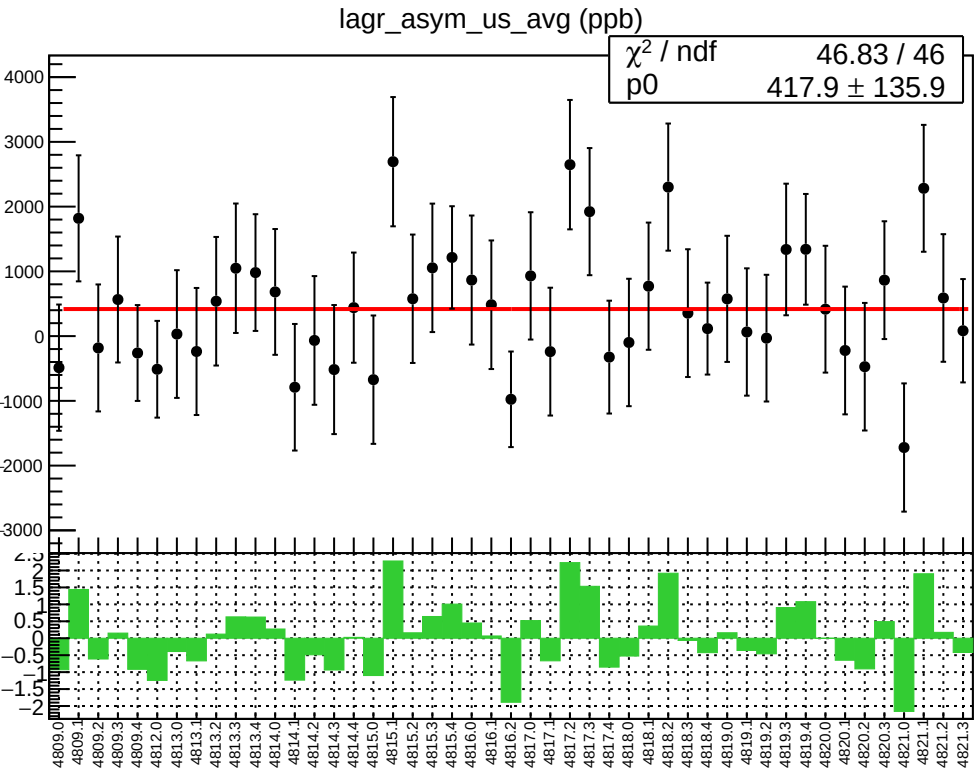
corr_Adet_evMon10 RMS (ppm)

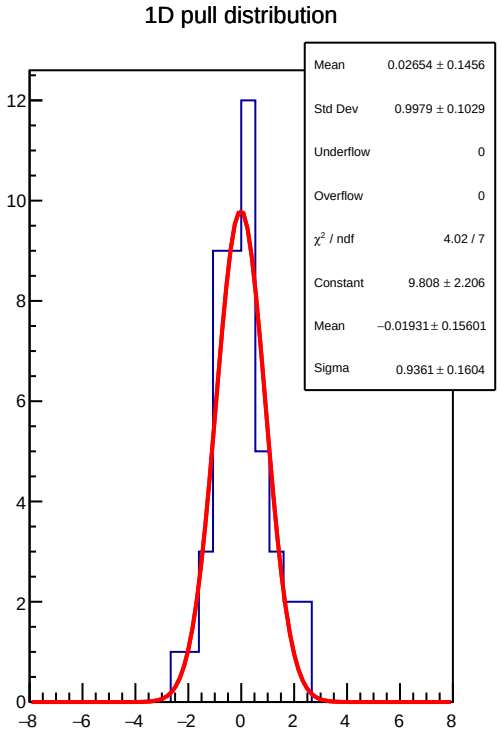



corr_Adet_evMon11 (ppb)
χ² / ndf 15.48 / 46
p0 −2.339 ± 6.111
1D pull distribution
Mean −0.001969 ± 0.0837
Std Dev 0.5738 ± 0.05919
Underflow 0
Overflow 0
χ² / ndf 2.79 / 3
Constant 16.76 ± 3.33
Mean −0.03597 ± 0.09518
Sigma 0.5802 ± 0.0887

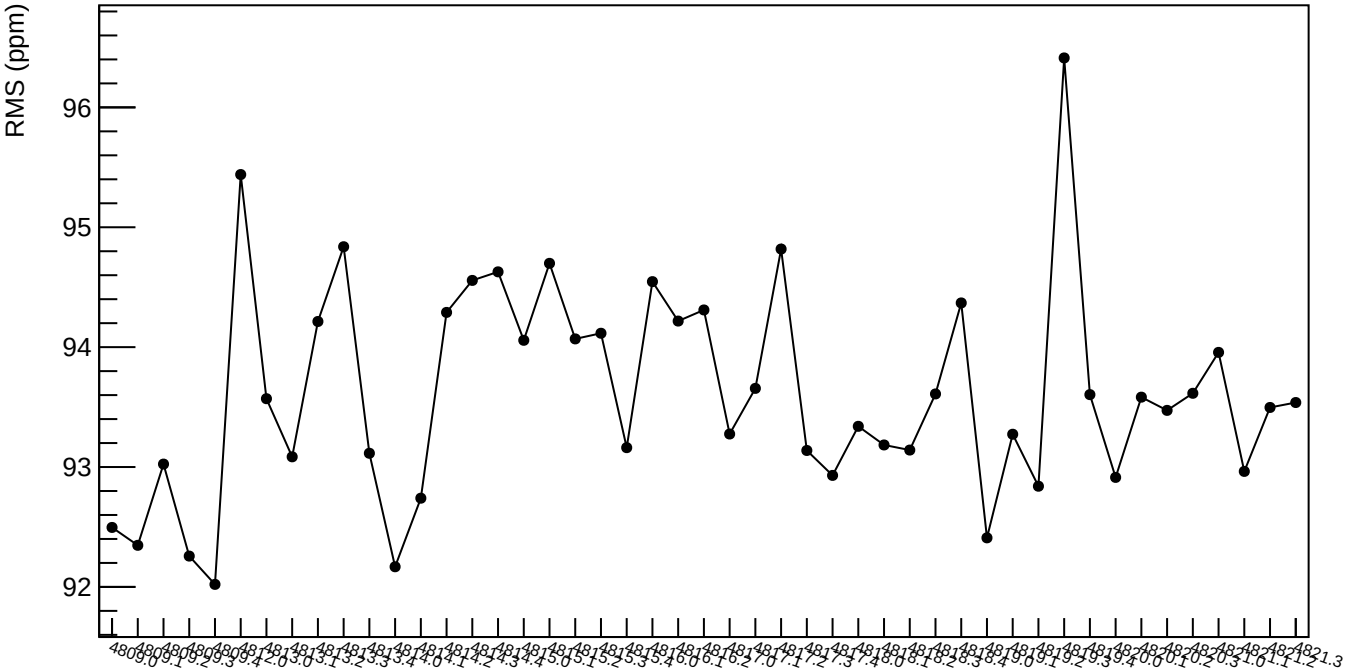
corr_Adet_evMon11 RMS (ppm)

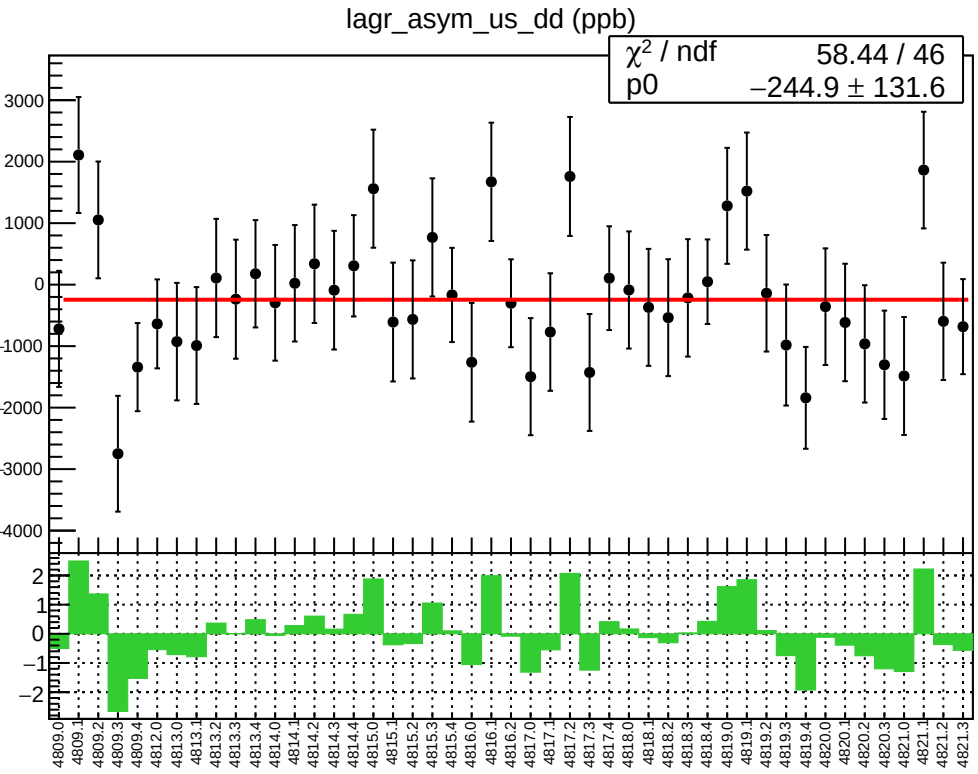


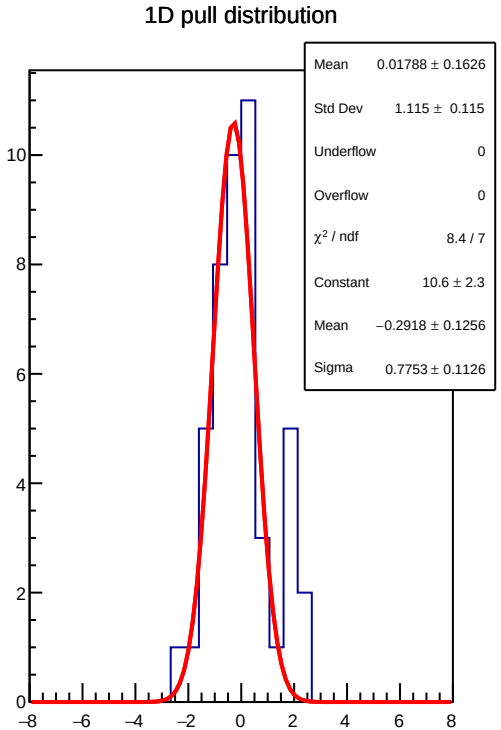

lagr_asym_us_avg (ppb)
χ^2 / ndf 46.83 / 46
p0 417.9 ± 135.9
4000
3000
2000
1000
0
-1000
-2000
-3000
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.02654 ± 0.1456
Std Dev 0.9979 ± 0.1029
Underflow 0
Overflow 0
χ^2 / ndf 4.02 / 7
Constant 9.808 ± 2.206
Mean −0.01931 ± 0.15601
Sigma 0.9361 ± 0.1604
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

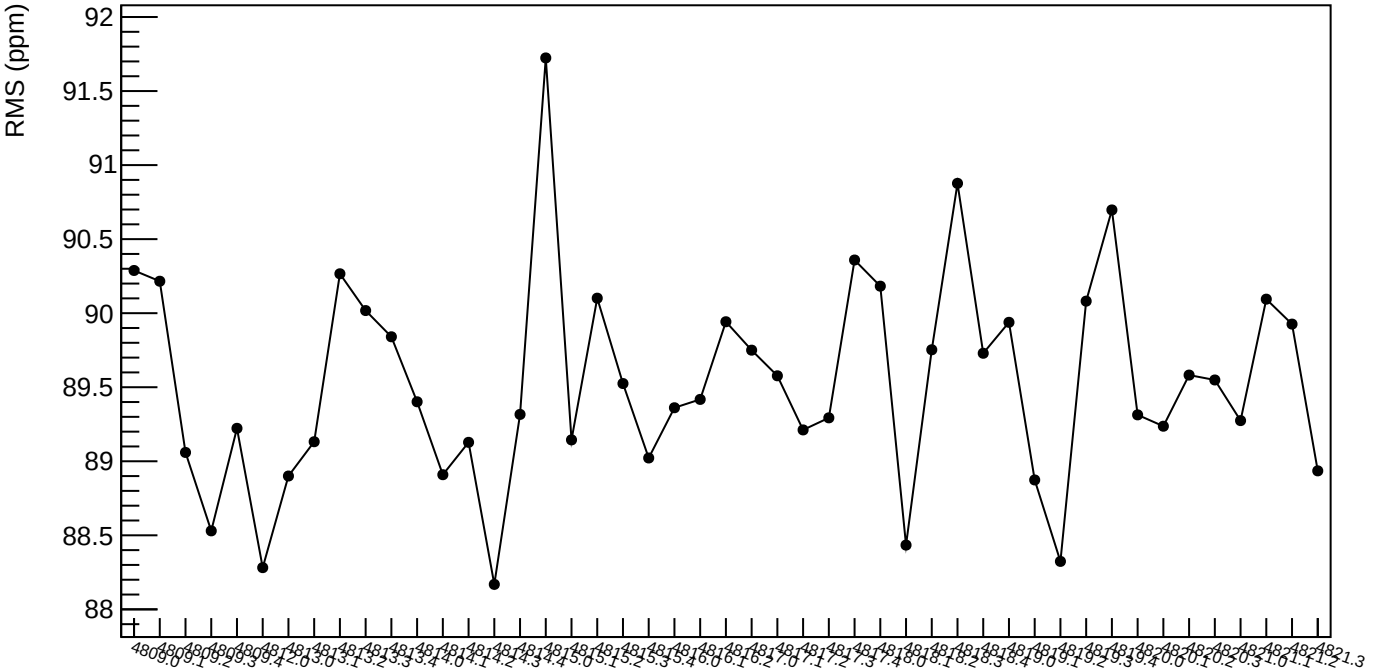
lagr_asym_us_avg RMS (ppm)

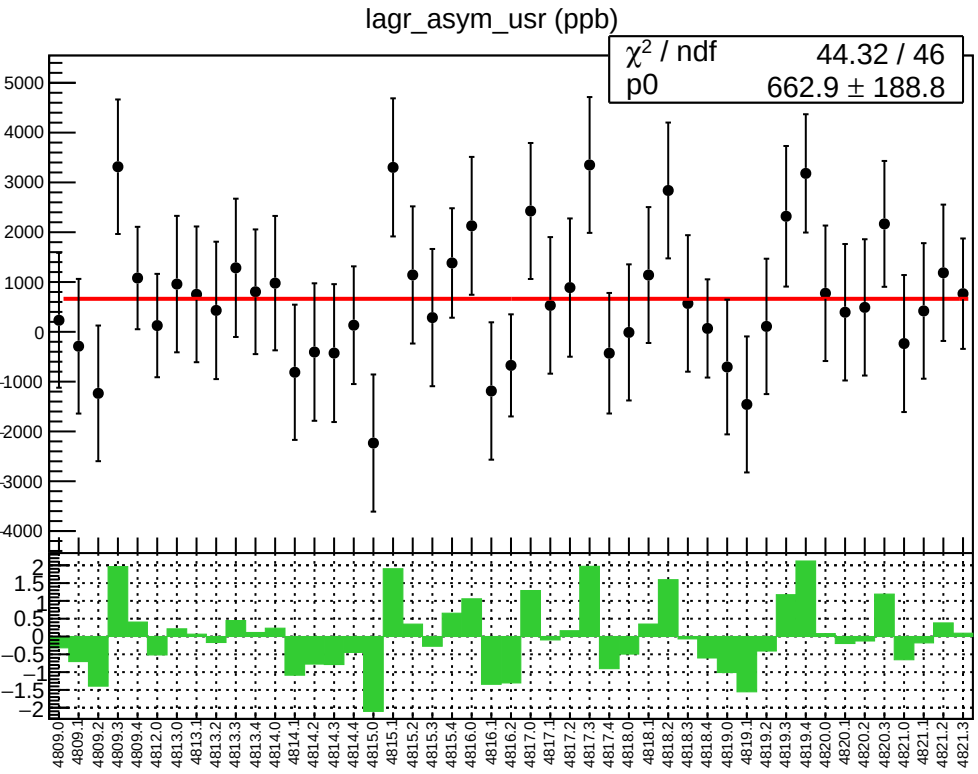


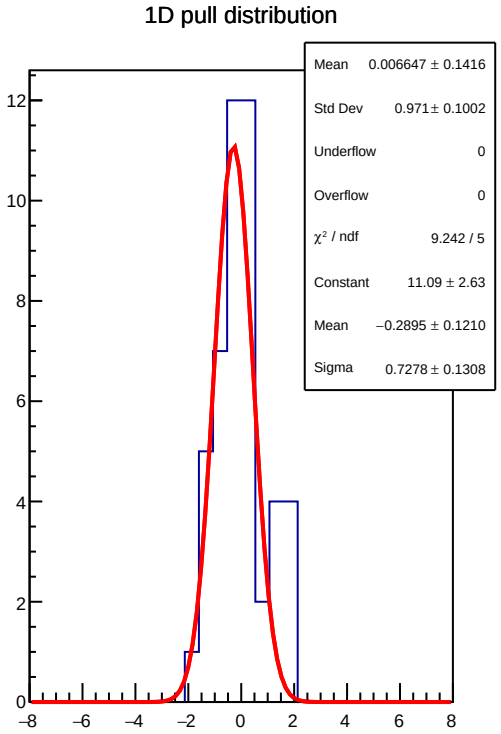

lagr_asym_us_dd (ppb)
χ² / ndf 58.44 / 46
p0 −244.9 ± 131.6
3000
2000
1000
0
-1000
-2000
-3000
-4000
2
1
0
−1
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

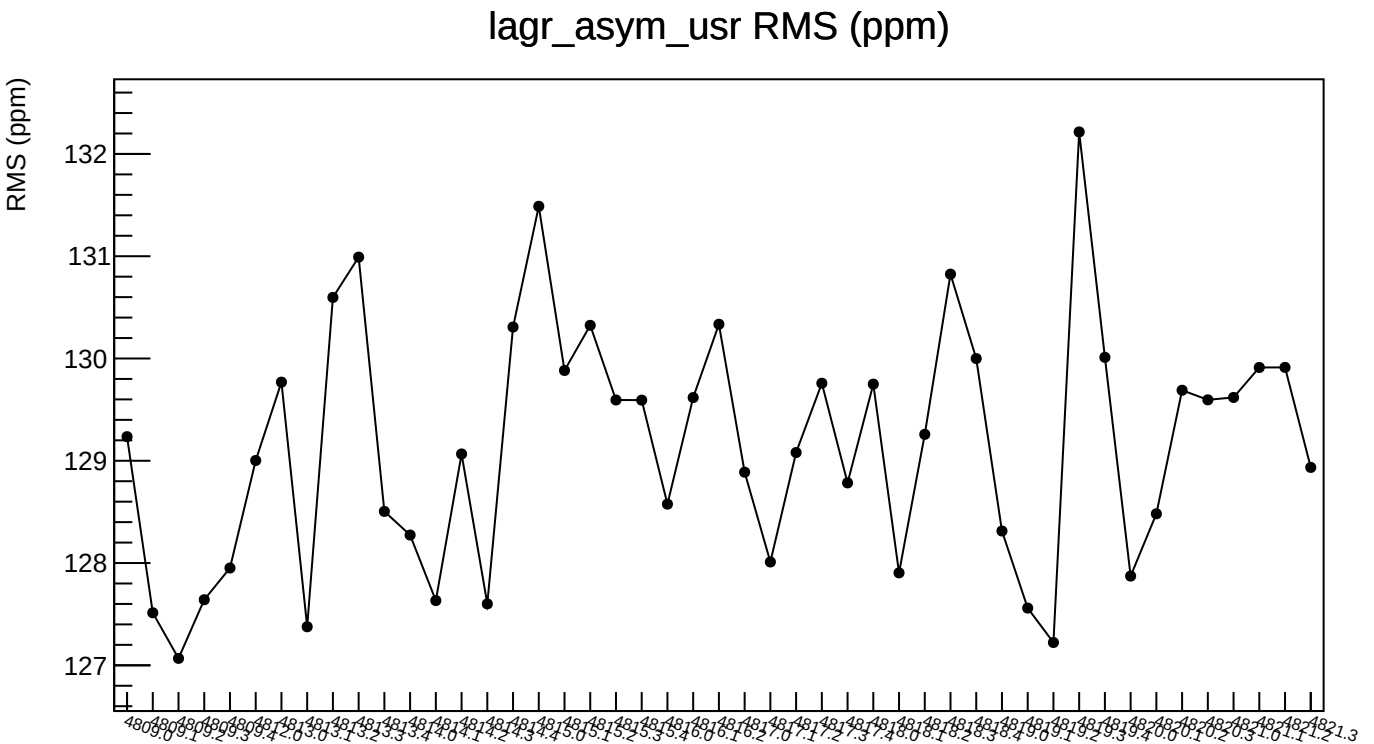

1D pull distribution
Mean 0.01788 ± 0.1626
Std Dev 1.115 ± 0.115
Underflow 0
Overflow 0
χ² / ndf 8.4 / 7
Constant 10.6 ± 2.3
Mean −0.2918 ± 0.1256
Sigma 0.7753 ± 0.1126
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

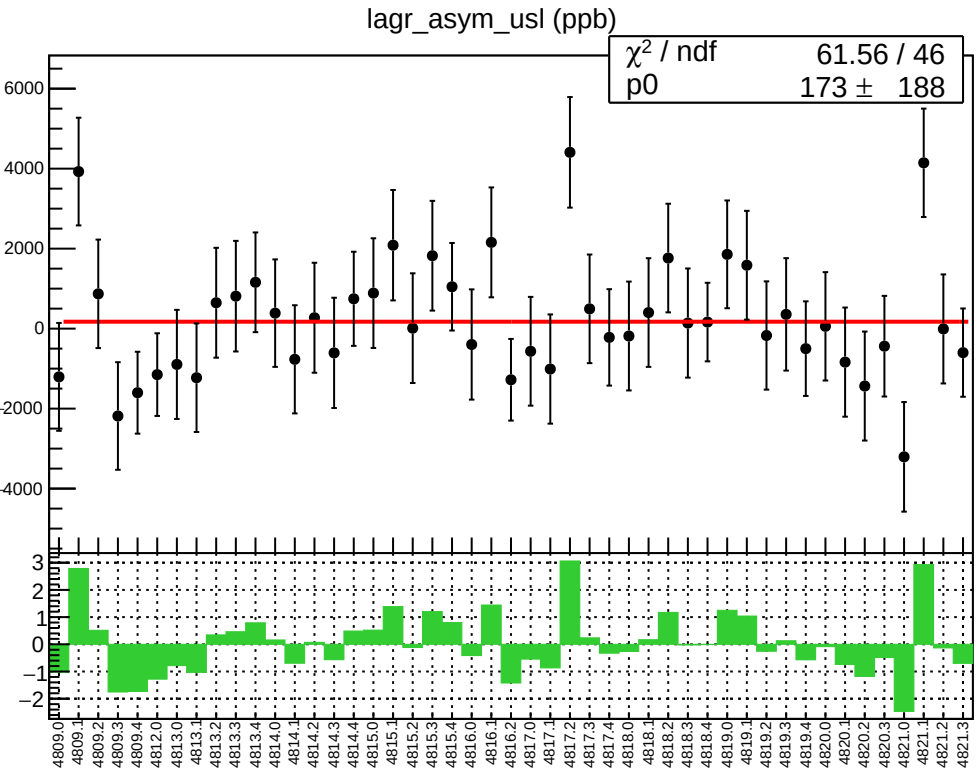
lagr_asym_us_dd RMS (ppm)

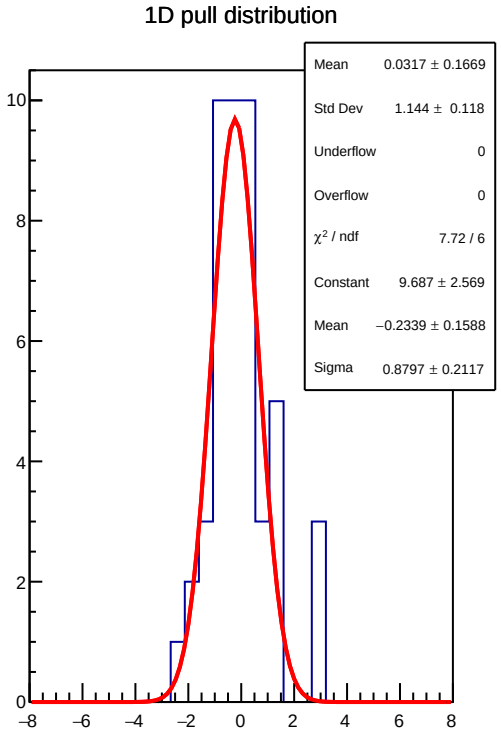


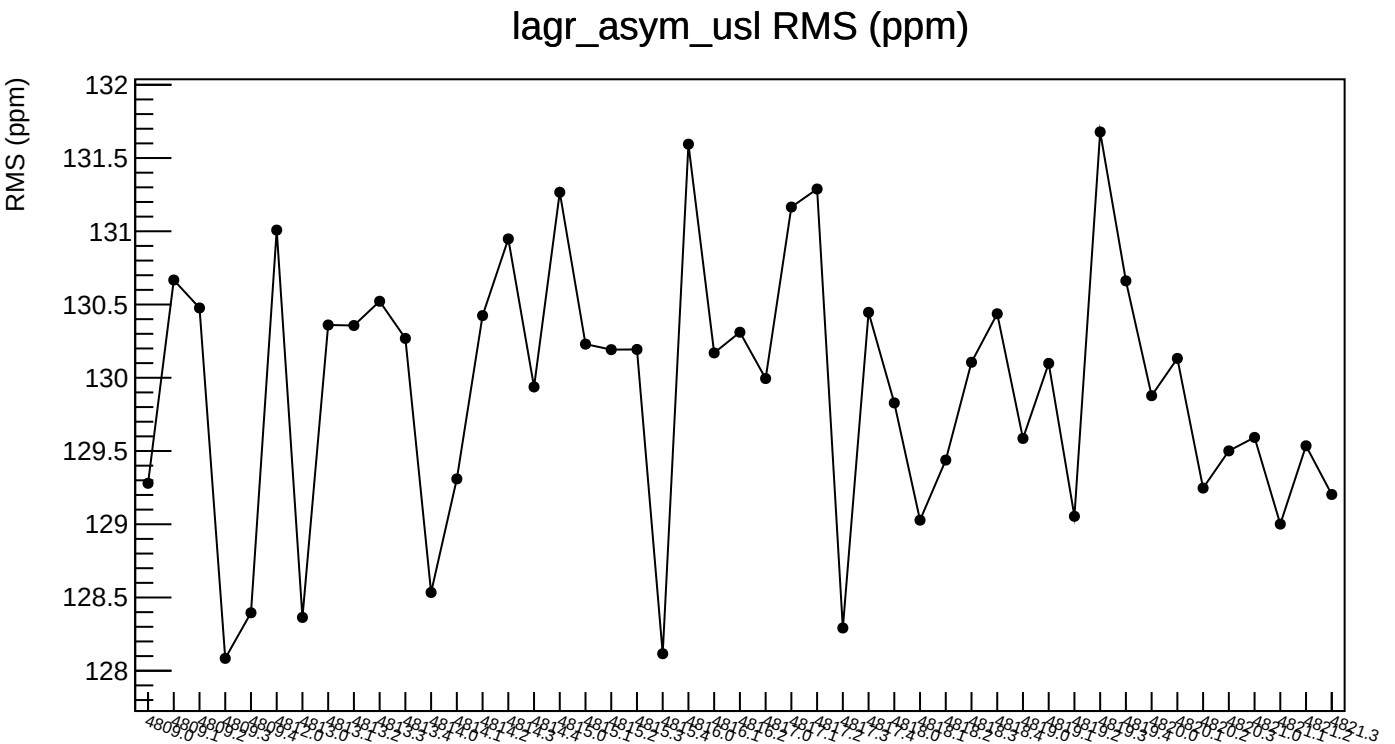

lagr_asym_usr (ppb)
χ² / ndf 44.32 / 46
p0 662.9 ± 188.8
5000
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

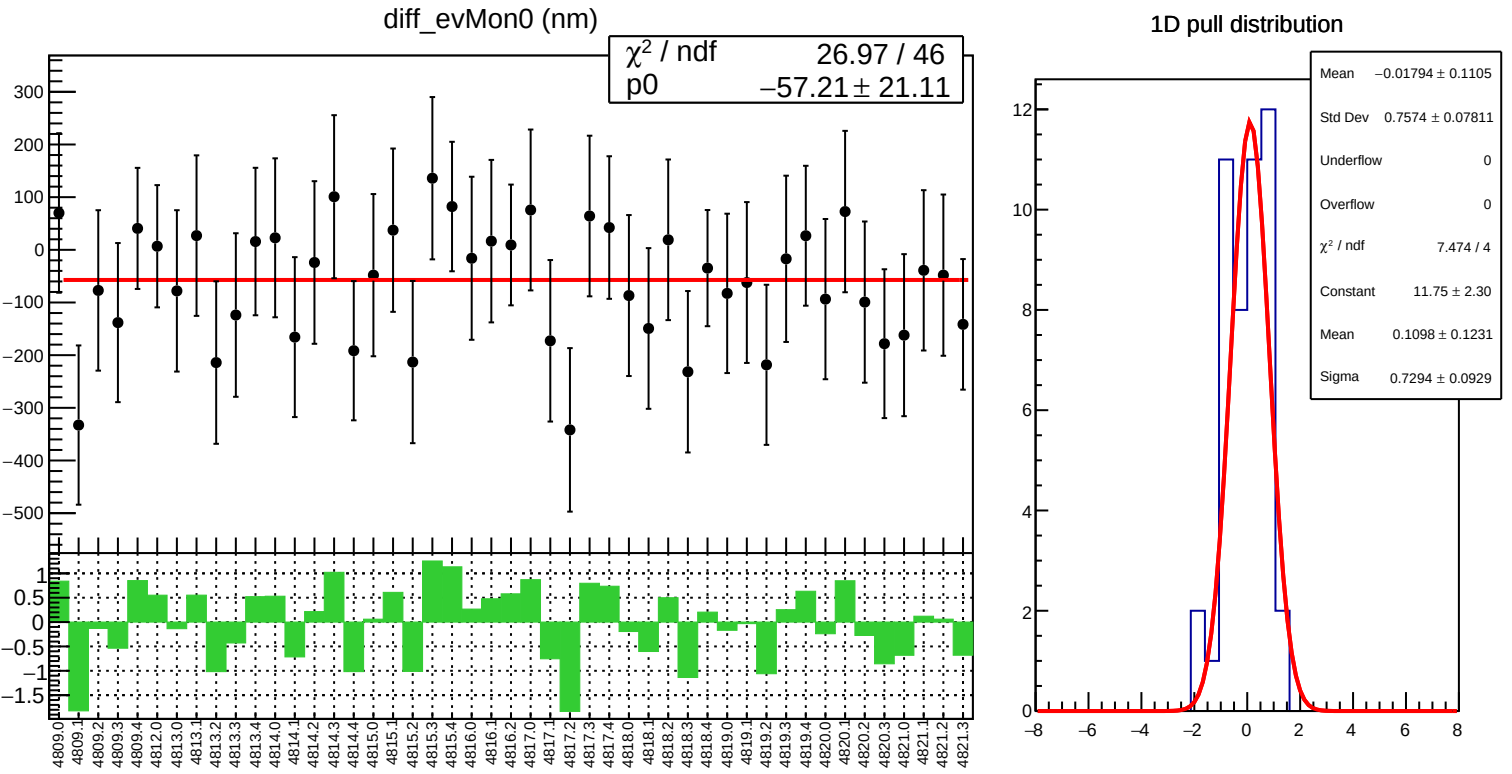

1D pull distribution
Mean 0.006647 ± 0.1416
Std Dev 0.971 ± 0.1002
Underflow 0
Overflow 0
χ² / ndf 9.242 / 5
Constant 11.09 ± 2.63
Mean −0.2895 ± 0.1210
Sigma 0.7278 ± 0.1308
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

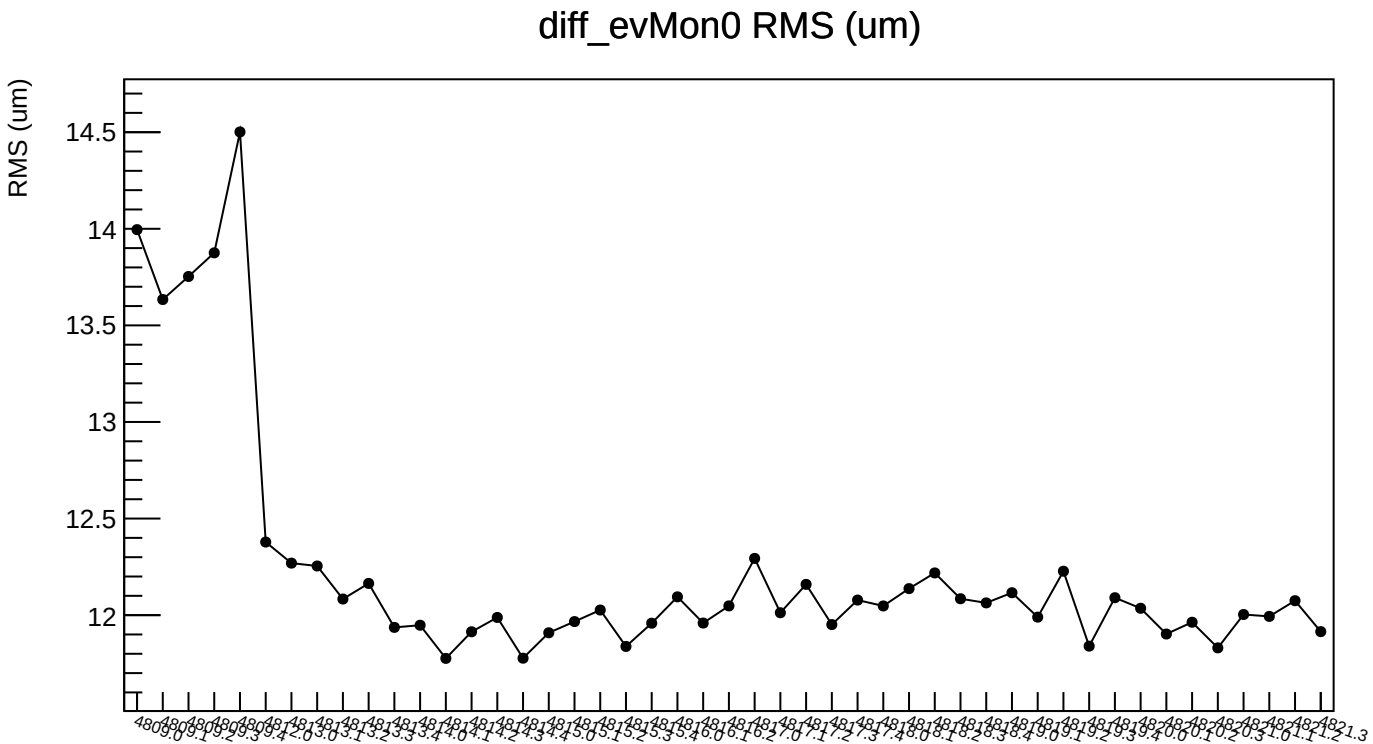

lagr_asym_usr RMS (ppm)
RMS (ppm)
132
131
130
129
128
127

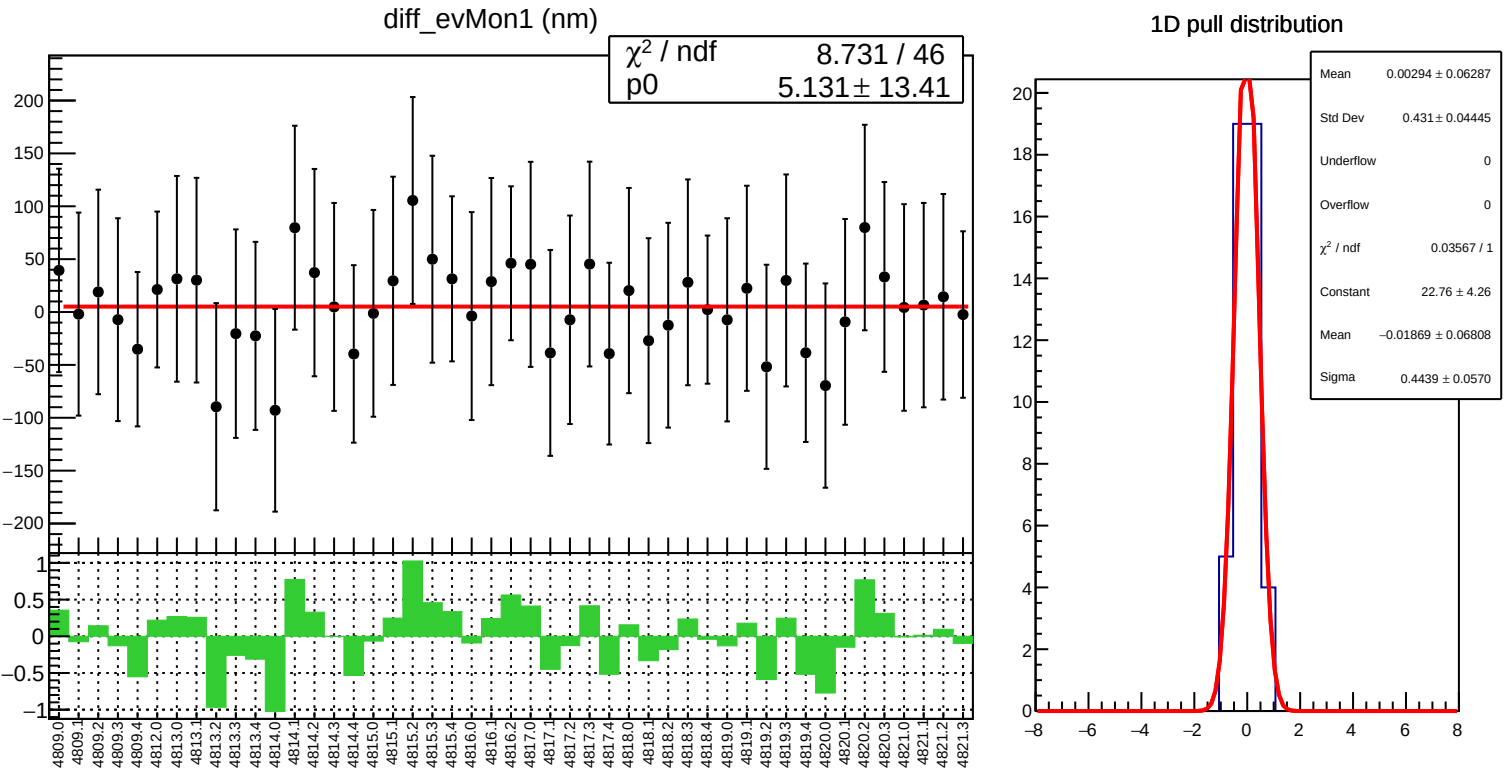

lagr_asym_usl (ppb)
χ² / ndf 61.56 / 46
p0 173 ± 188
6000
4000
2000
0
-2000
-4000
3
2
1
0
−1
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.0317 ± 0.1669
Std Dev 1.144 ± 0.118
Underflow 0
Overflow 0
χ² / ndf 7.72 / 6
Constant 9.687 ± 2.569
Mean −0.2339 ± 0.1588
Sigma 0.8797 ± 0.2117
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

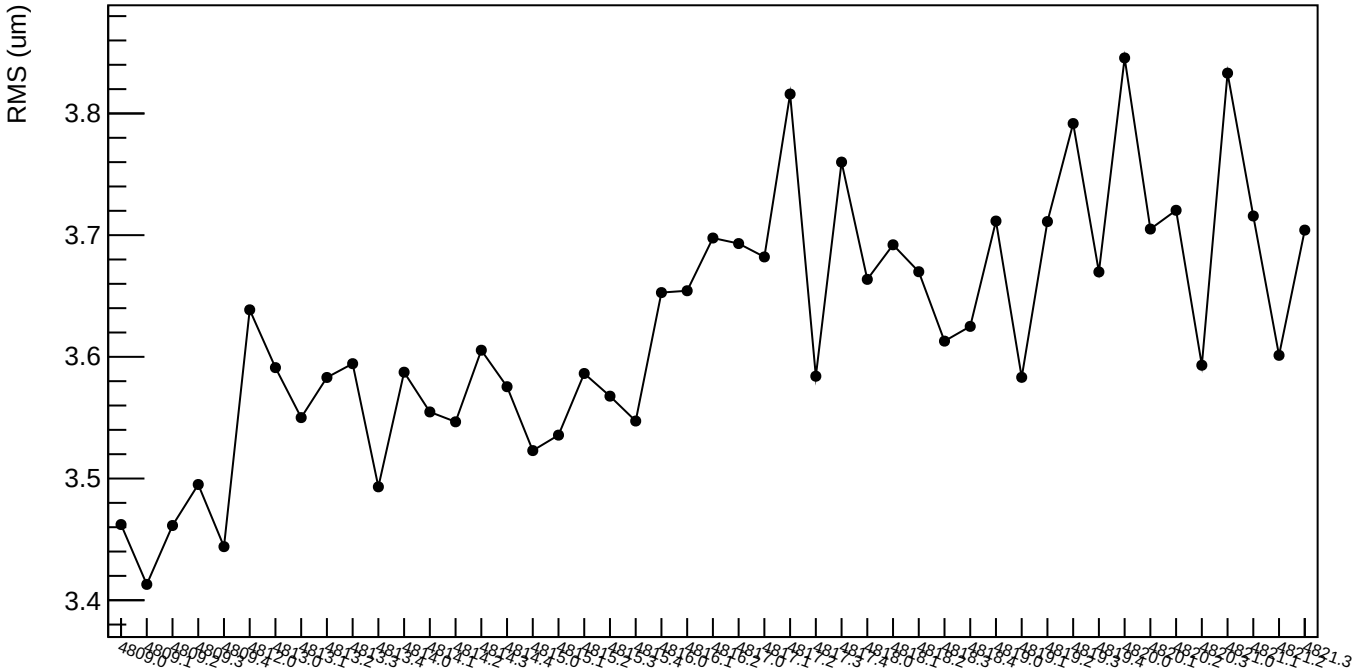

lagr_asym_usl RMS (ppm)
RMS (ppm)
132
131.5
131
130.5
130
129.5
129
128.5
128

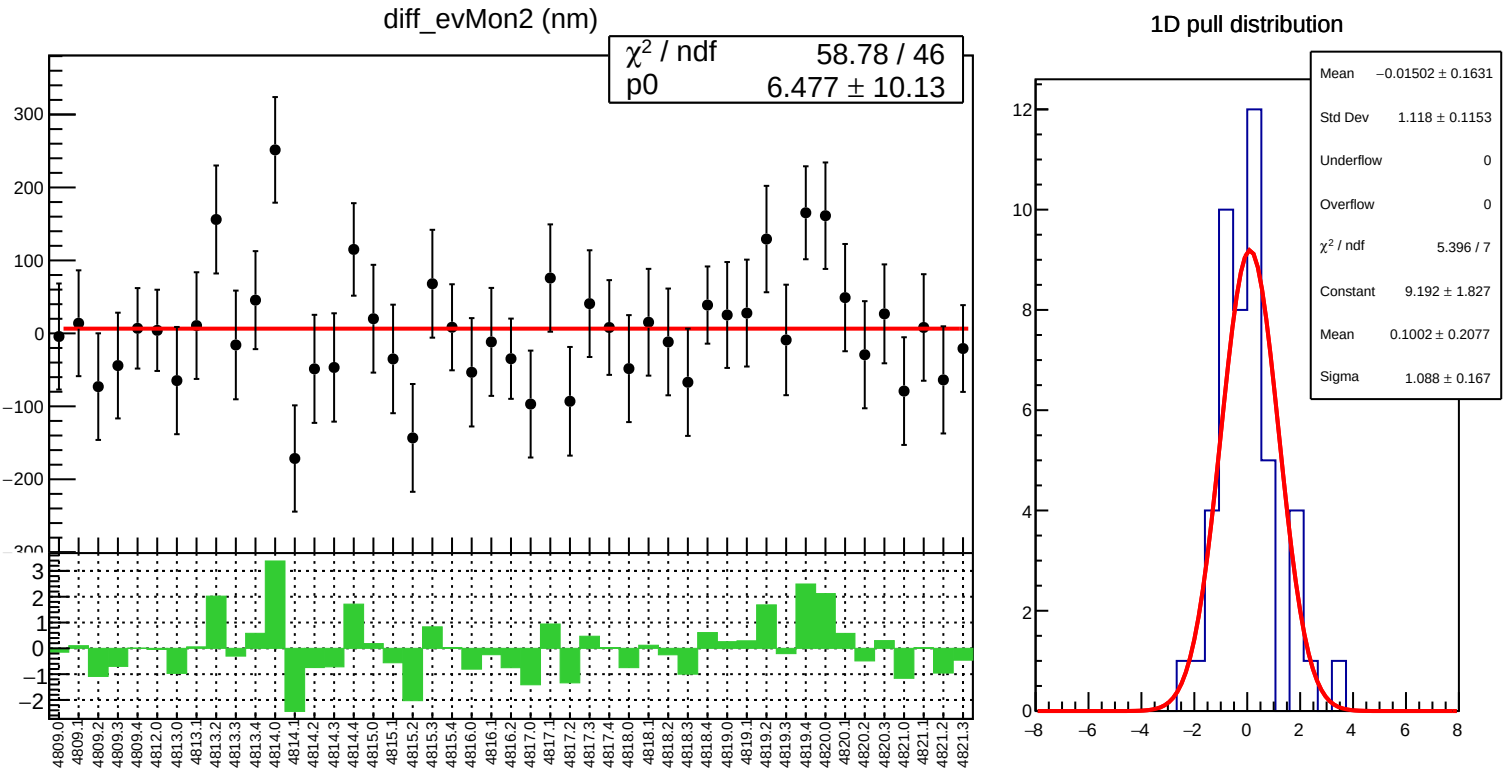

diff_evMon0 (nm)
χ² / ndf 26.97 / 46
p0 −57.21 ± 21.11
1D pull distribution
Mean −0.01794 ± 0.1105
Std Dev 0.7574 ± 0.07811
Underflow 0
Overflow 0
χ² / ndf 7.474 / 4
Constant 11.75 ± 2.30
Mean 0.1098 ± 0.1231
Sigma 0.7294 ± 0.0929


diff_evMon0 RMS (um)
RMS (um)
14.5
14
13.5
13
12.5
12

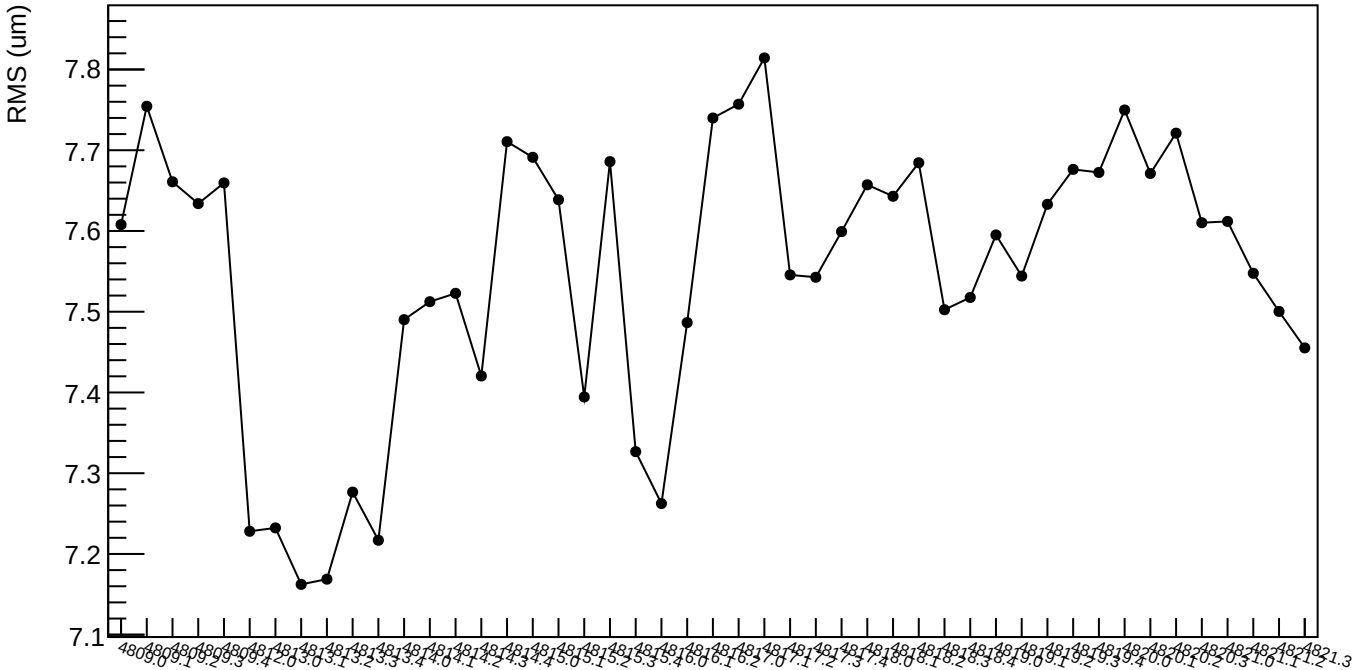

diff_evMon1 (nm)
χ² / ndf 8.731 / 46
p0 5.131 ± 13.41
1D pull distribution
Mean 0.00294 ± 0.06287
Std Dev 0.431 ± 0.04445
Underflow 0
Overflow 0
χ² / ndf 0.03567 / 1
Constant 22.76 ± 4.26
Mean −0.01869 ± 0.06808
Sigma 0.4439 ± 0.0570

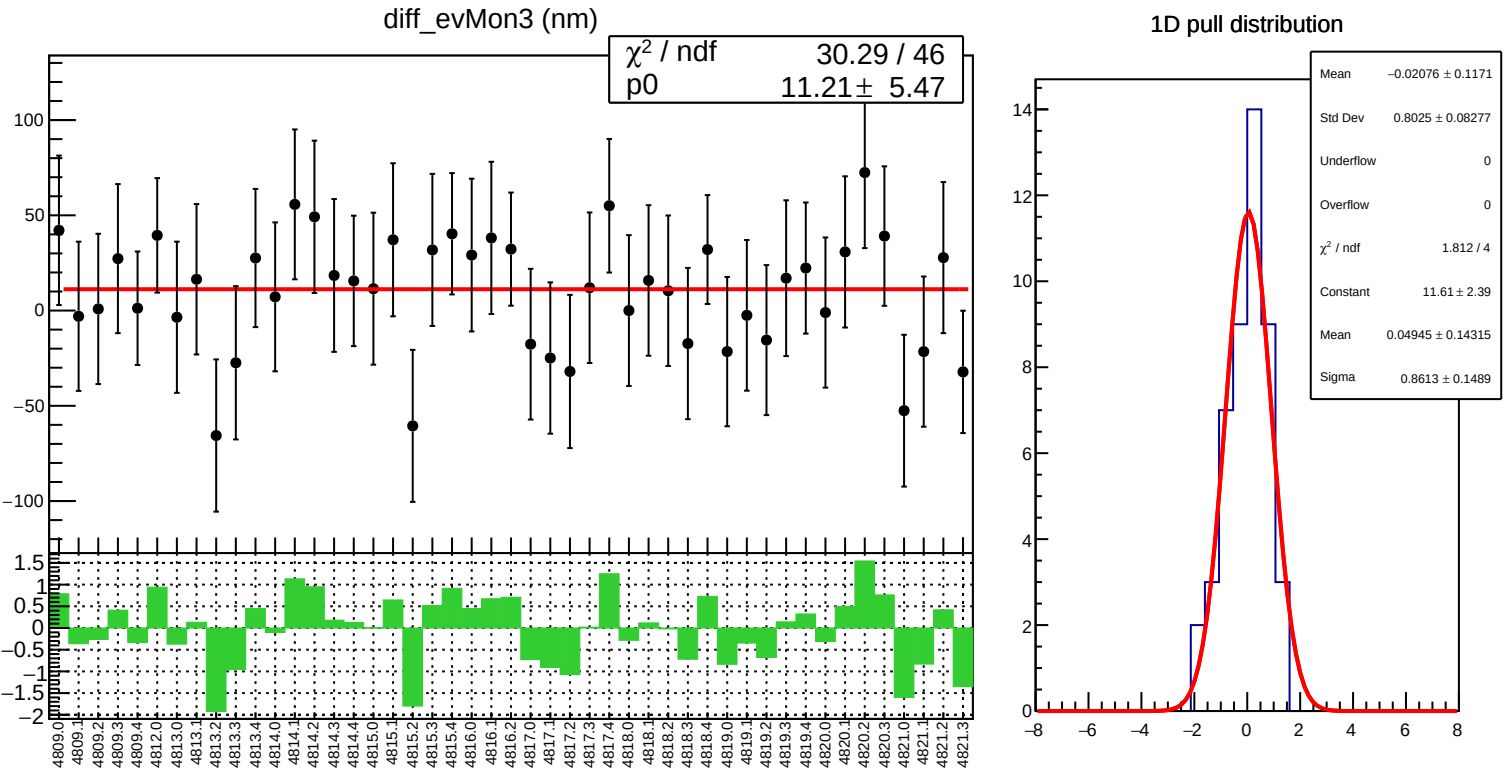
diff_evMon1 RMS (um)

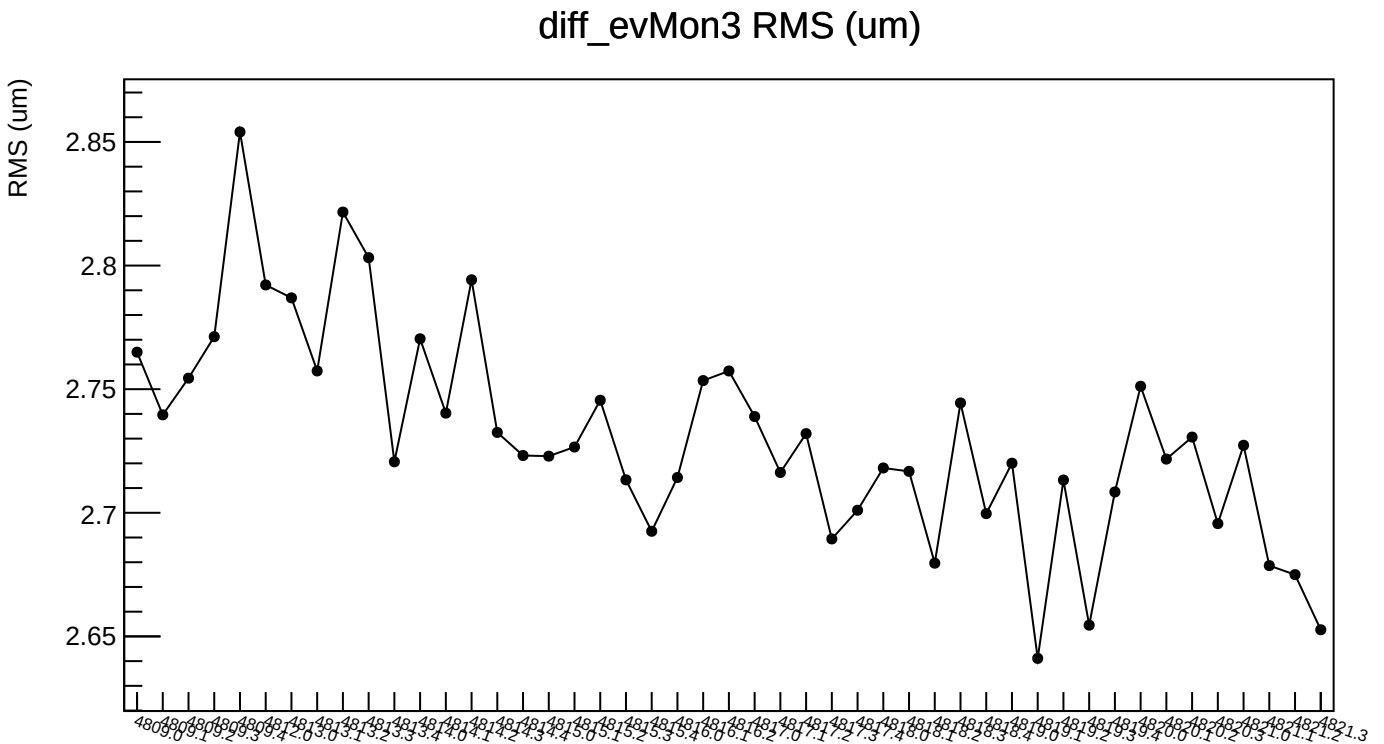


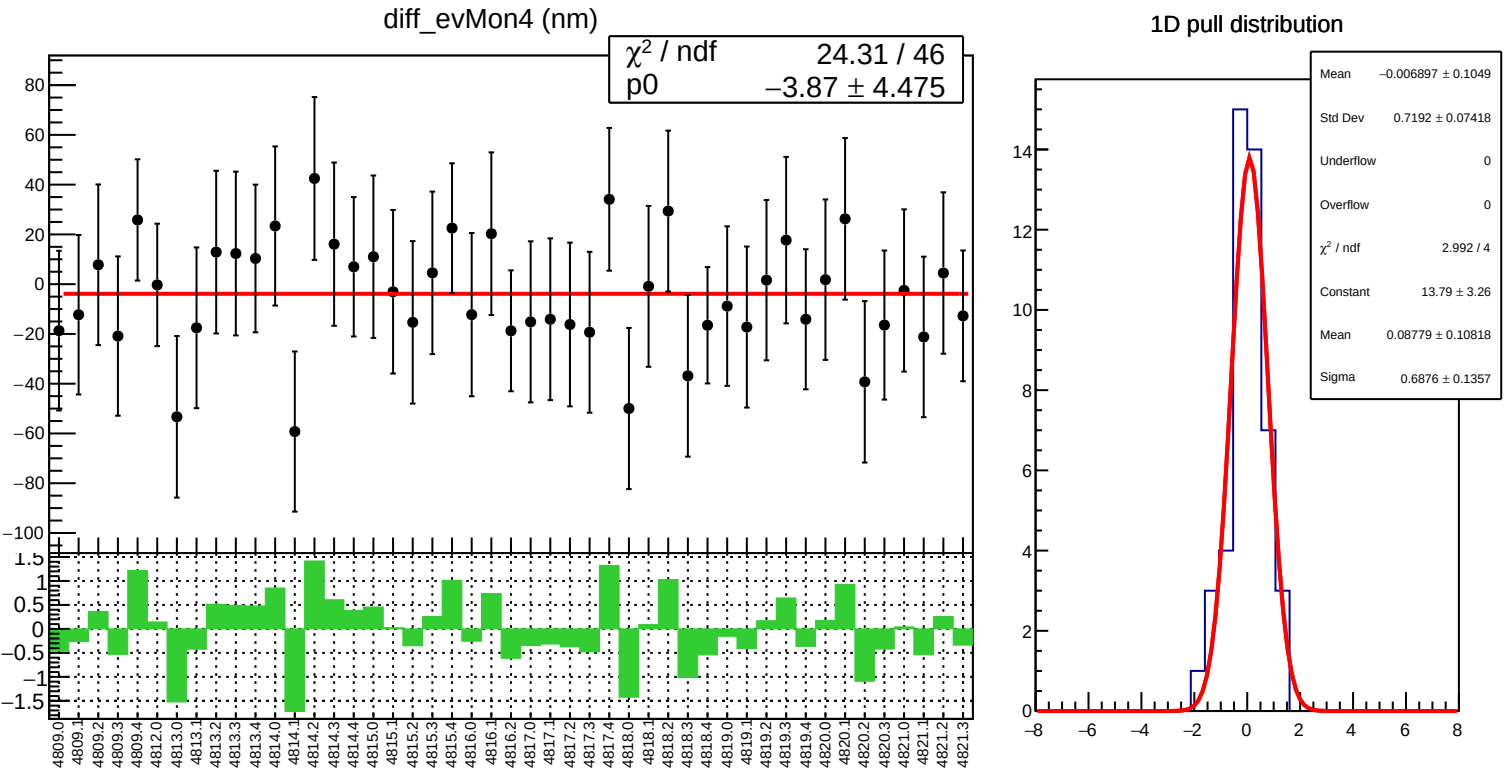

diff_evMon2 (nm)
χ² / ndf 58.78 / 46
p0 6.477 ± 10.13
1D pull distribution
Mean −0.01502 ± 0.1631
Std Dev 1.118 ± 0.1153
Underflow 0
Overflow 0
χ² / ndf 5.396 / 7
Constant 9.192 ± 1.827
Mean 0.1002 ± 0.2077
Sigma 1.088 ± 0.167

diff_evMon2 RMS (um)

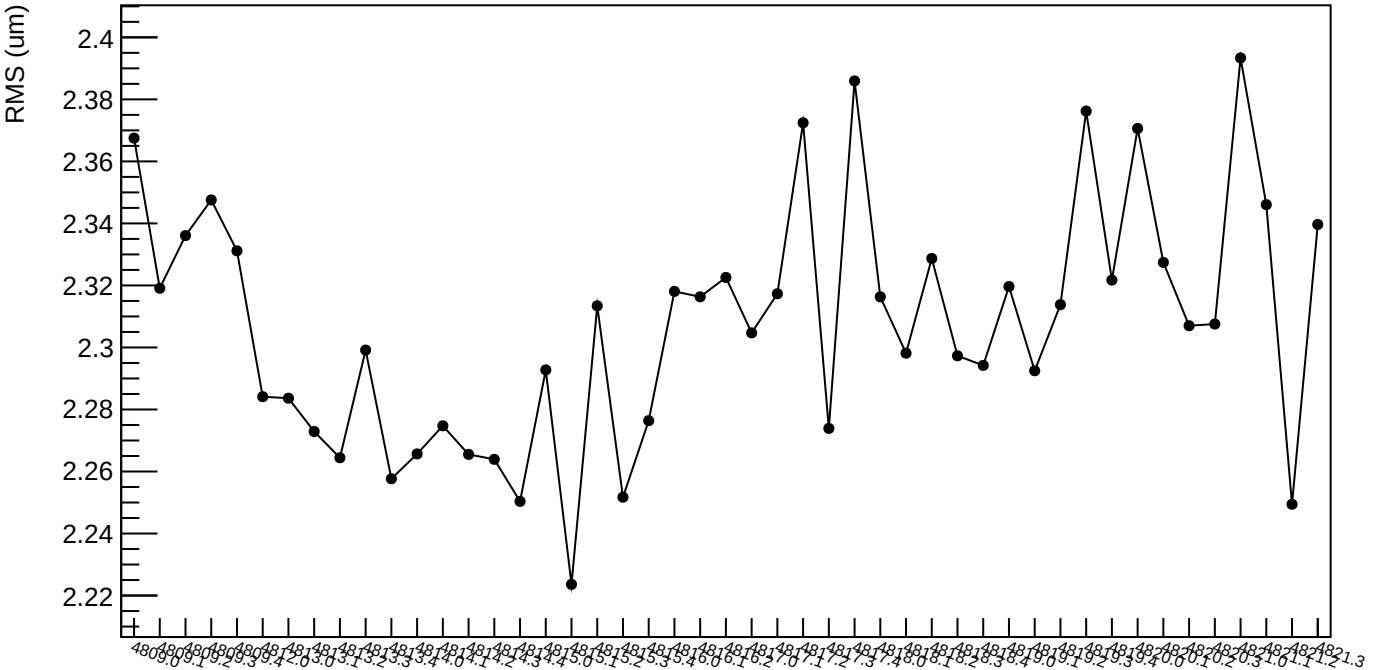


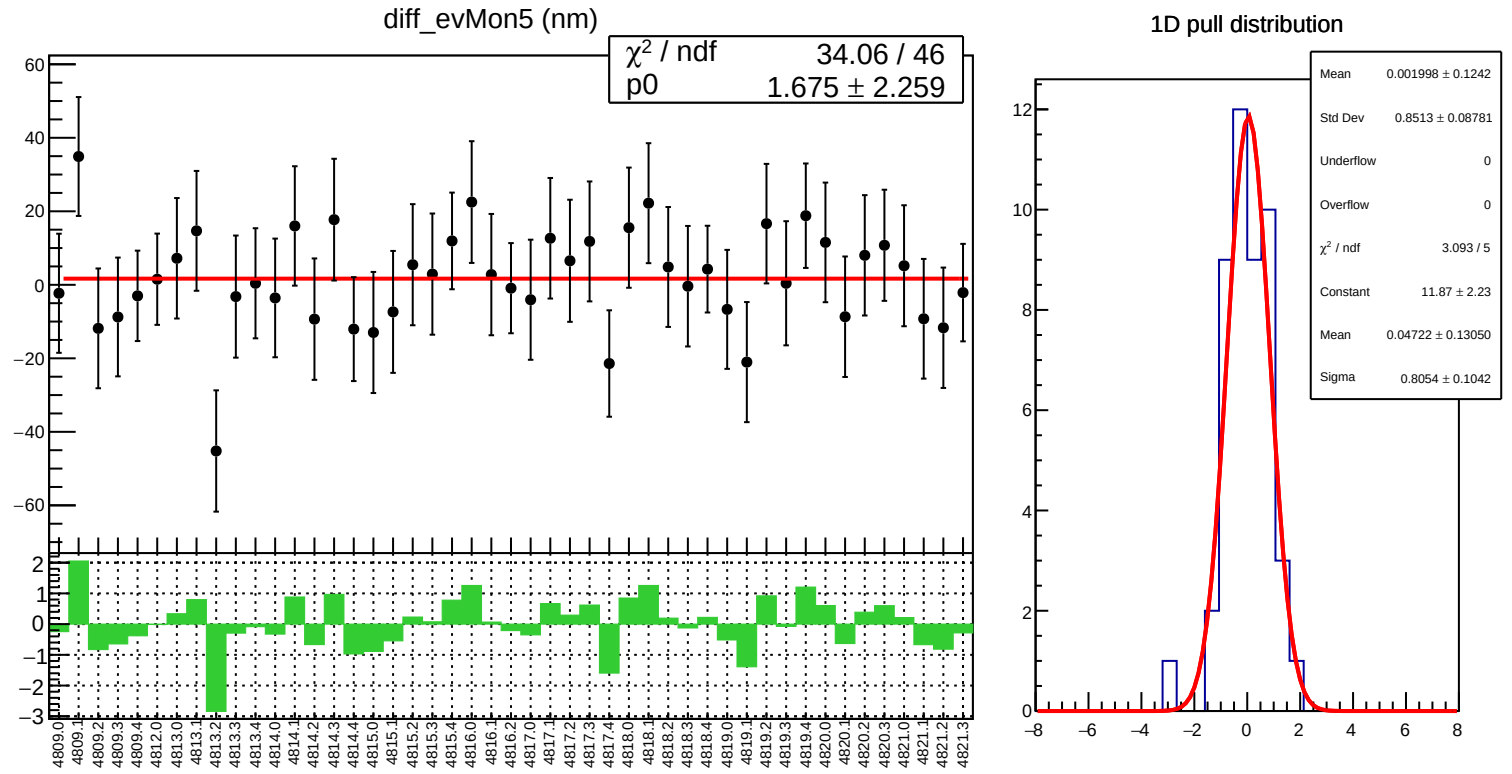

diff_evMon3 (nm)
χ² / ndf 30.29 / 46
p0 11.21 ± 5.47
1D pull distribution
Mean −0.02076 ± 0.1171
Std Dev 0.8025 ± 0.08277
Underflow 0
Overflow 0
χ² / ndf 1.812 / 4
Constant 11.61 ± 2.39
Mean 0.04945 ± 0.14315
Sigma 0.8613 ± 0.1489


diff_evMon3 RMS (um)
RMS (um)
2.85
2.8
2.75
2.7
2.65

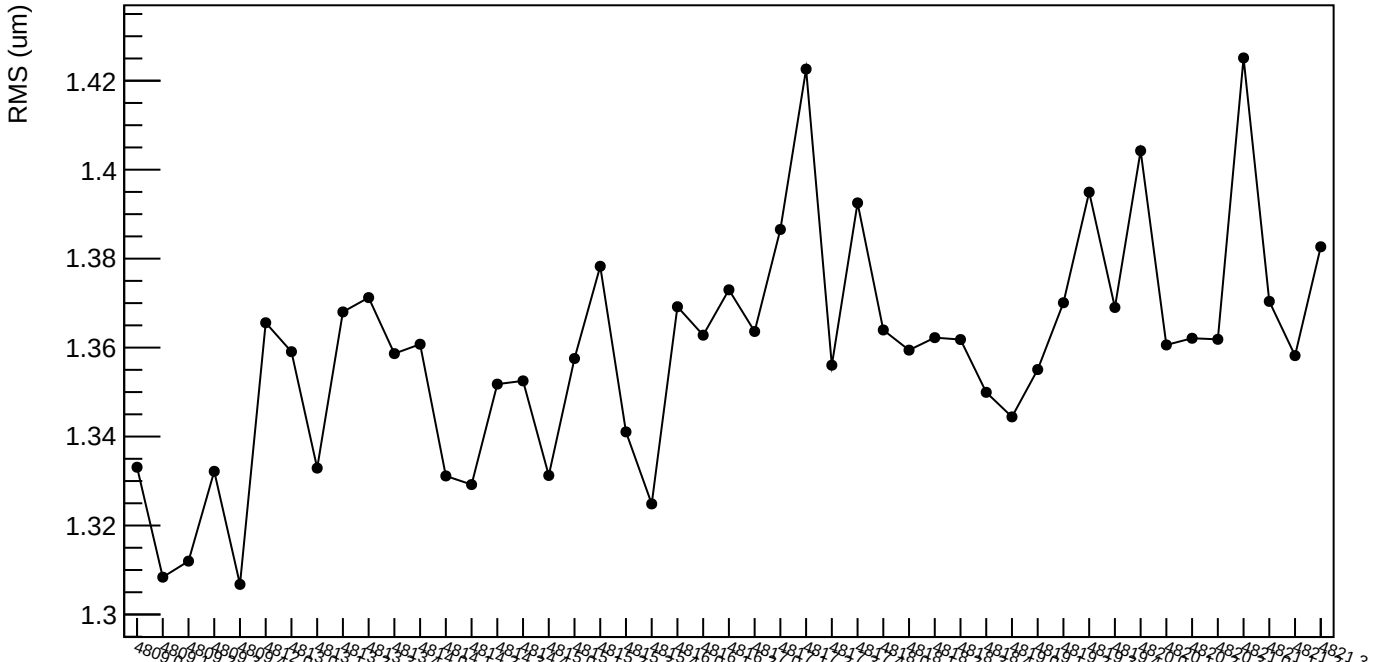

diff_evMon4 (nm)
χ² / ndf 24.31 / 46
p0 −3.87 ± 4.475
1D pull distribution
Mean −0.006897 ± 0.1049
Std Dev 0.7192 ± 0.07418
Underflow 0
Overflow 0
χ² / ndf 2.992 / 4
Constant 13.79 ± 3.26
Mean 0.08779 ± 0.10818
Sigma 0.6876 ± 0.1357

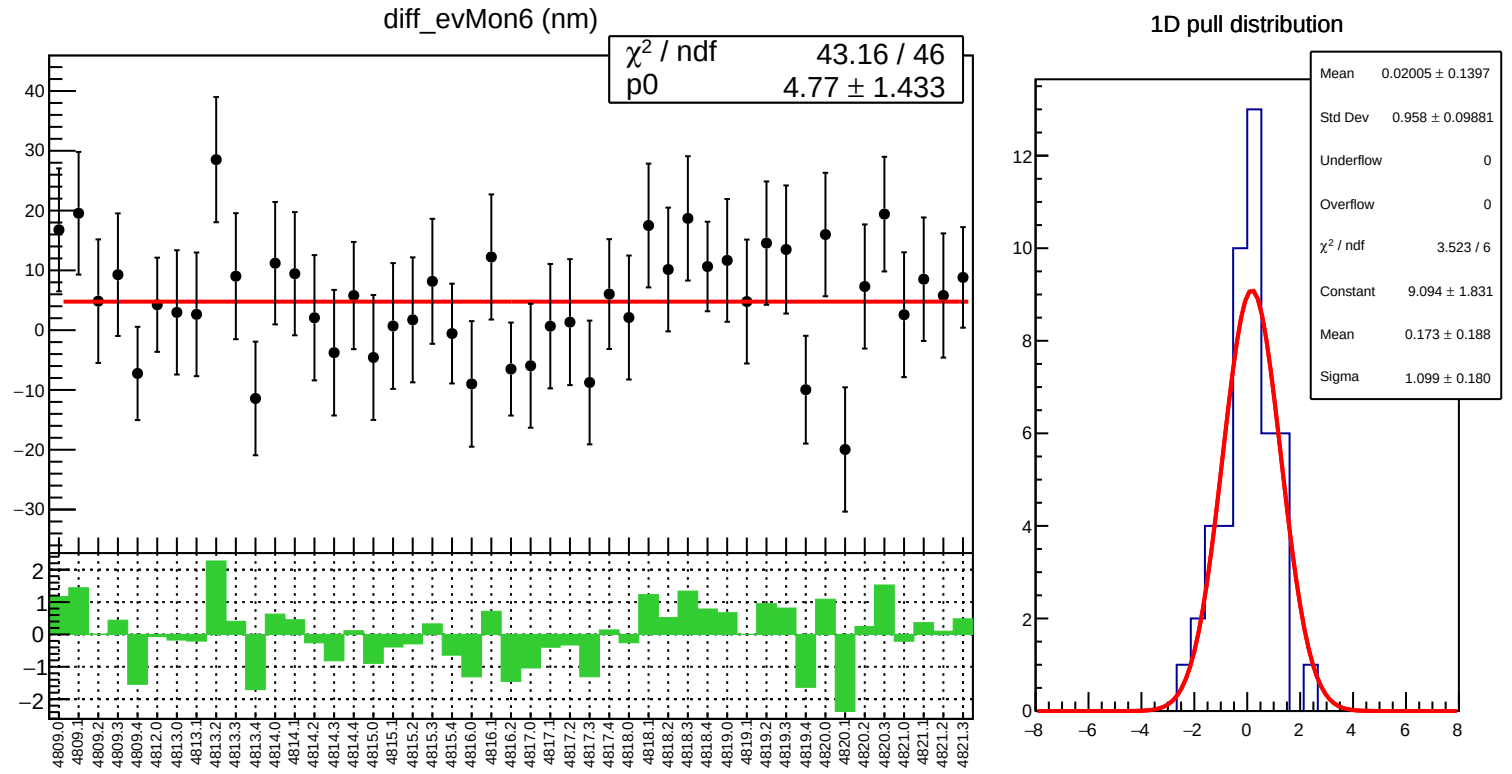
diff_evMon4 RMS (um)



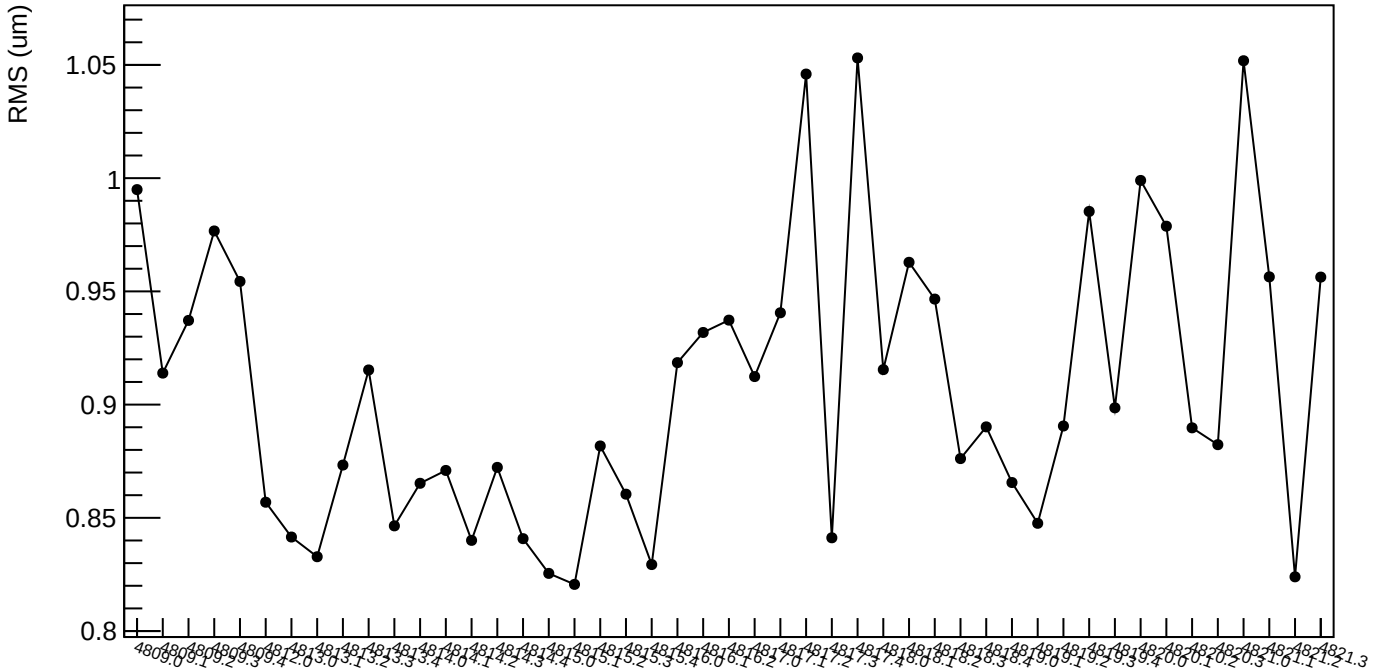

diff_evMon5 (nm)
χ² / ndf 34.06 / 46
p0 1.675 ± 2.259
1D pull distribution
Mean 0.001998 ± 0.1242
Std Dev 0.8513 ± 0.08781
Underflow 0
Overflow 0
χ² / ndf 3.093 / 5
Constant 11.87 ± 2.23
Mean 0.04722 ± 0.13050
Sigma 0.8054 ± 0.1042

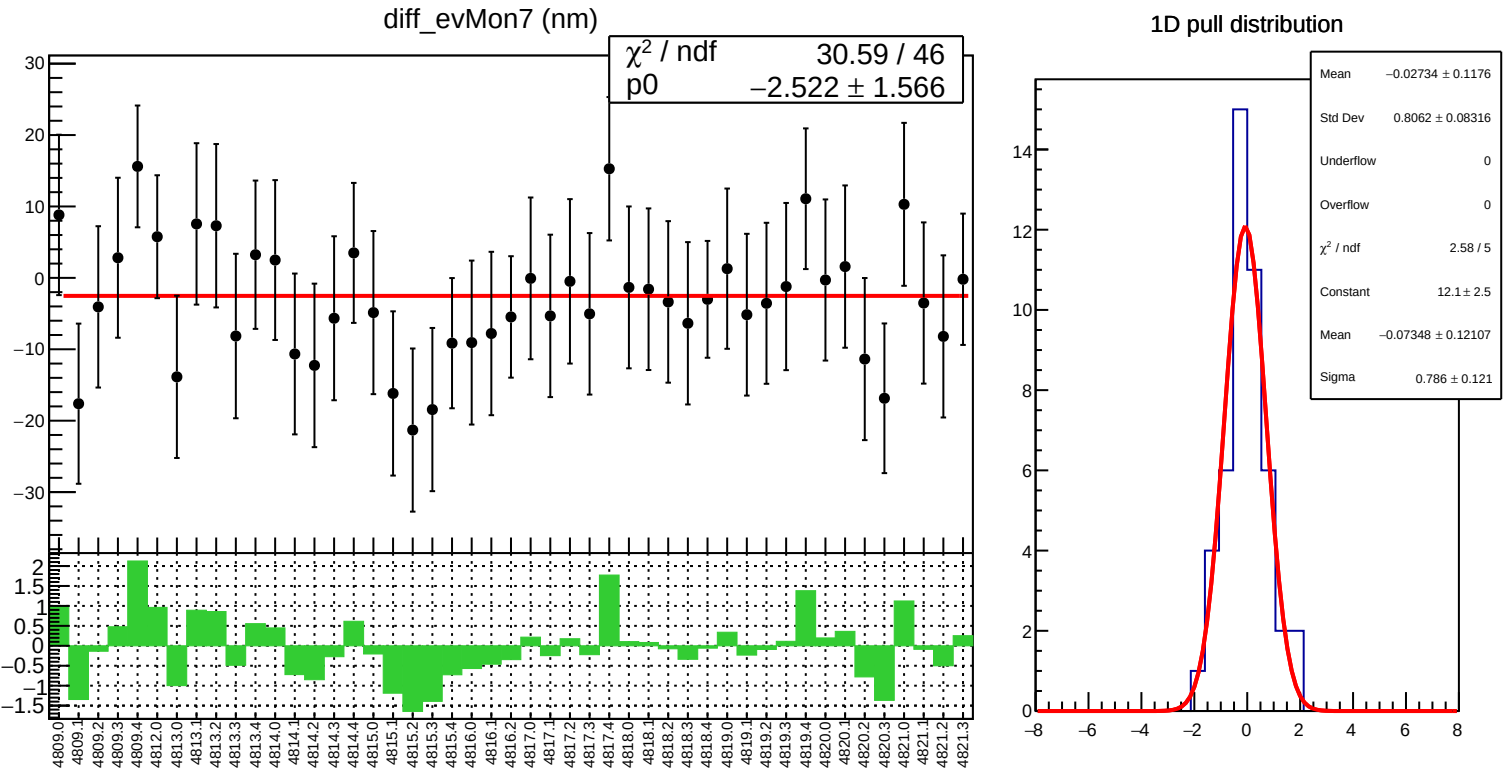
diff_evMon5 RMS (um)

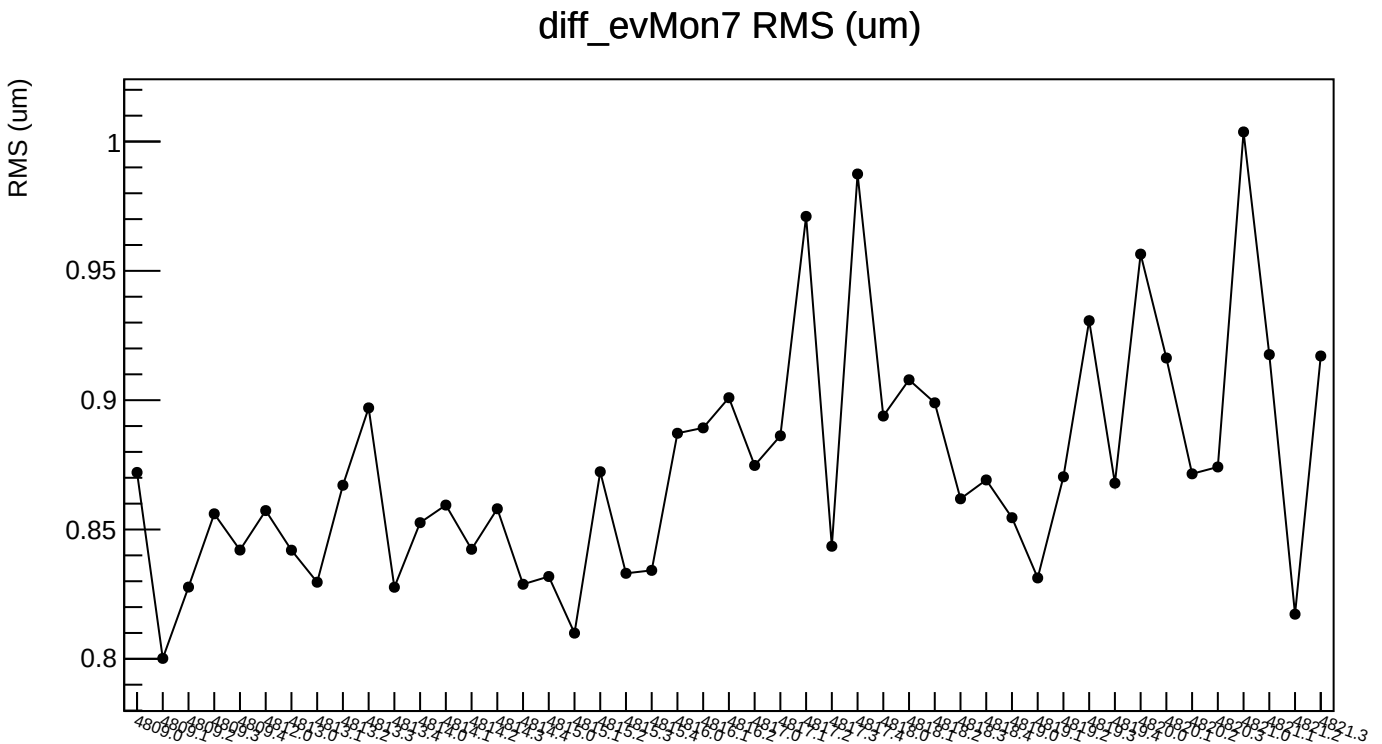


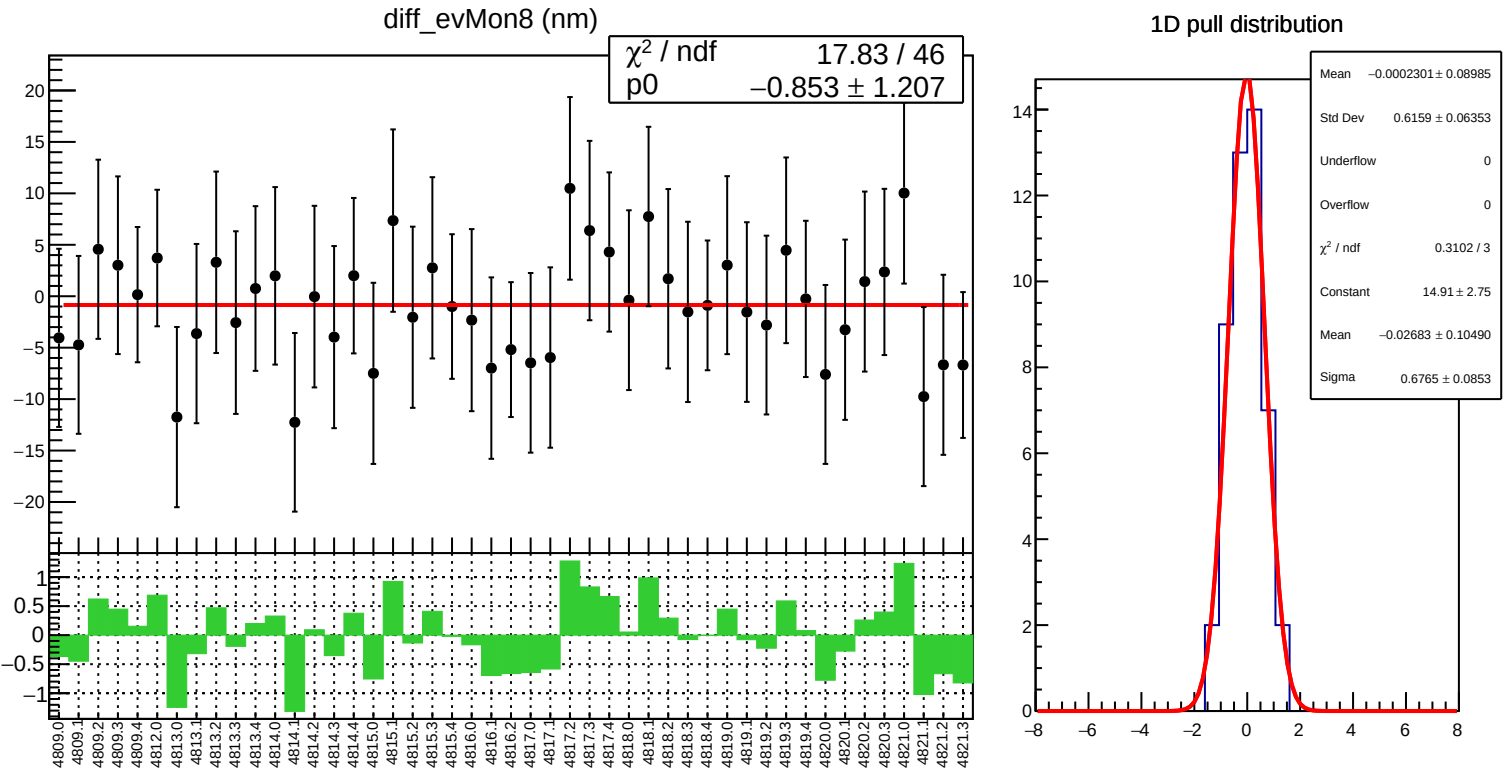

diff_evMon6 (nm)
χ² / ndf 43.16 / 46
p0 4.77 ± 1.433
1D pull distribution
Mean 0.02005 ± 0.1397
Std Dev 0.958 ± 0.09881
Underflow 0
Overflow 0
χ² / ndf 3.523 / 6
Constant 9.094 ± 1.831
Mean 0.173 ± 0.188
Sigma 1.099 ± 0.180

diff_evMon6 RMS (um)

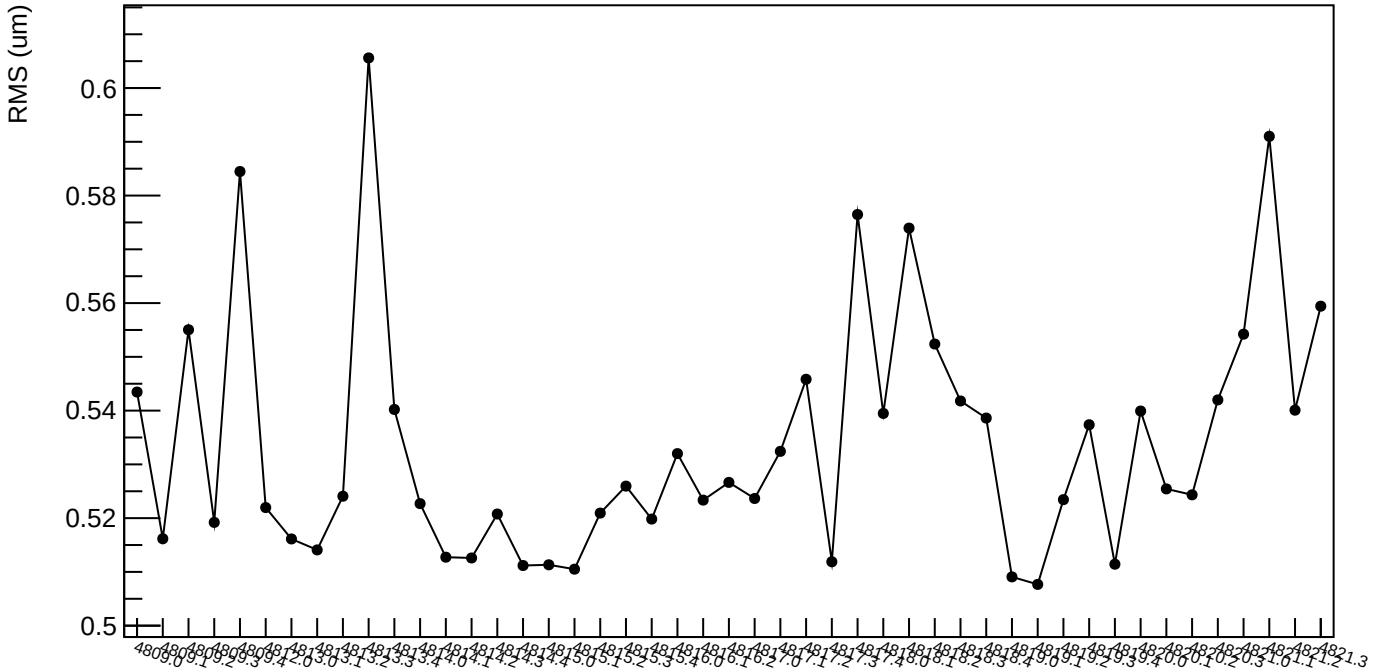


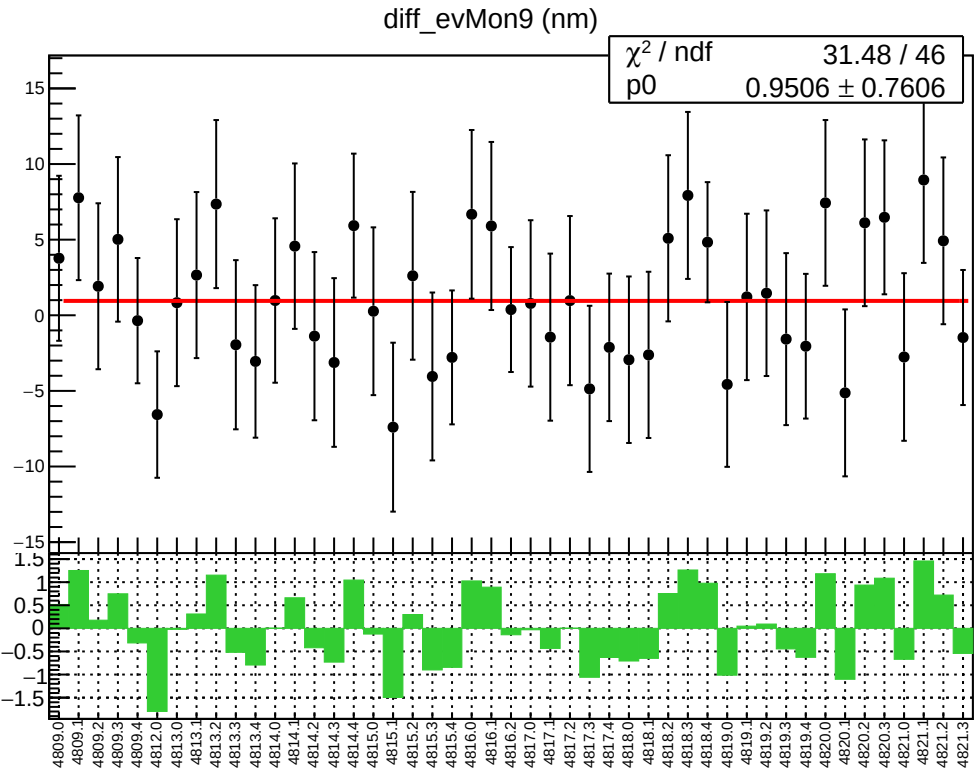

diff_evMon7 (nm)
χ² / ndf 30.59 / 46
p0 −2.522 ± 1.566
1D pull distribution
Mean −0.02734 ± 0.1176
Std Dev 0.8062 ± 0.08316
Underflow 0
Overflow 0
χ² / ndf 2.58 / 5
Constant 12.1 ± 2.5
Mean −0.07348 ± 0.12107
Sigma 0.786 ± 0.121

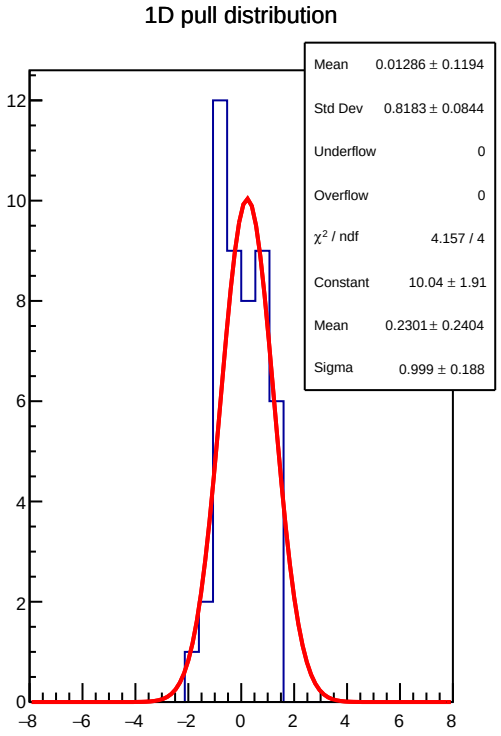

diff_evMon7 RMS (um)
RMS (um)
1
0.95
0.9
0.85
0.8

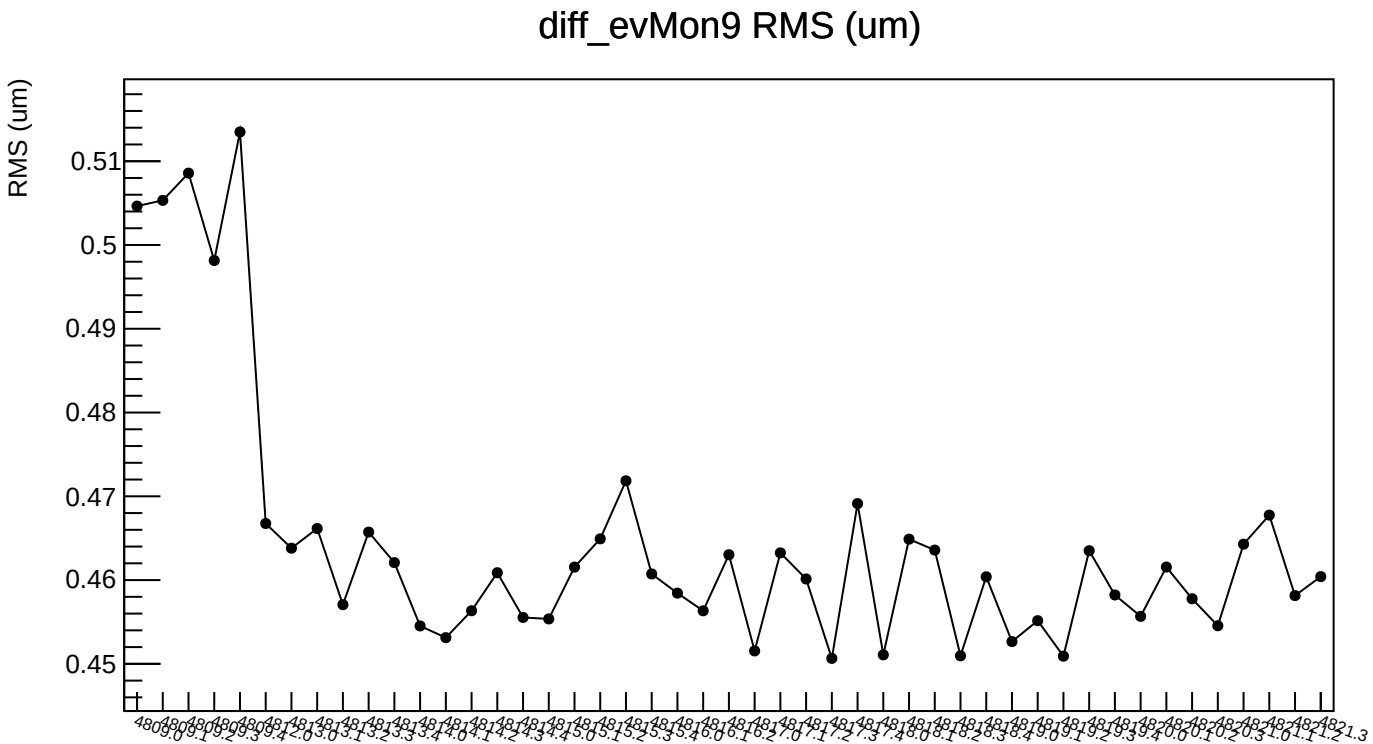

diff_evMon8 (nm)
χ² / ndf 17.83 / 46
p0 −0.853 ± 1.207
1D pull distribution
Mean −0.0002301 ± 0.08985
Std Dev 0.6159 ± 0.06353
Underflow 0
Overflow 0
χ² / ndf 0.3102 / 3
Constant 14.91 ± 2.75
Mean −0.02683 ± 0.10490
Sigma 0.6765 ± 0.0853

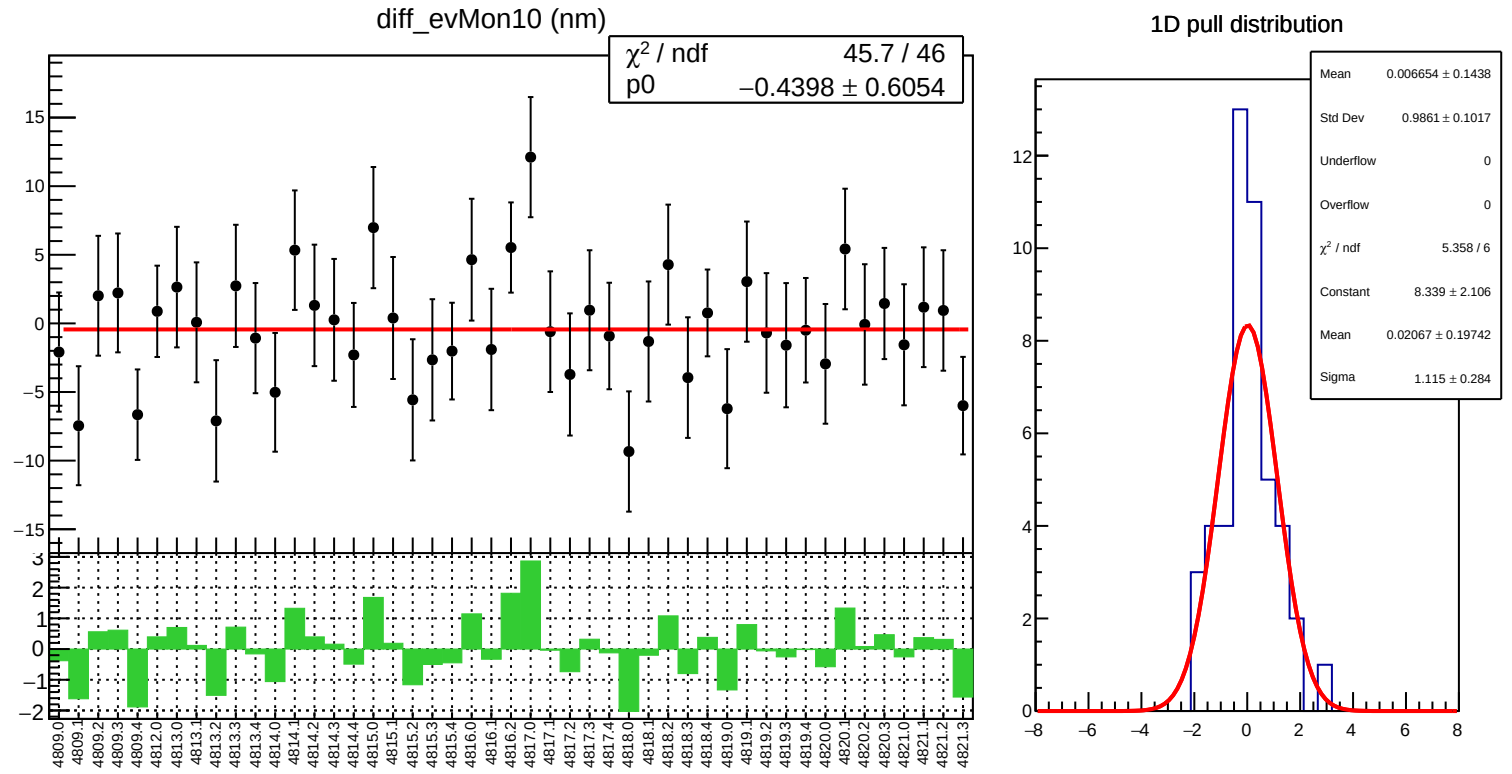
diff_evMon8 RMS (um)



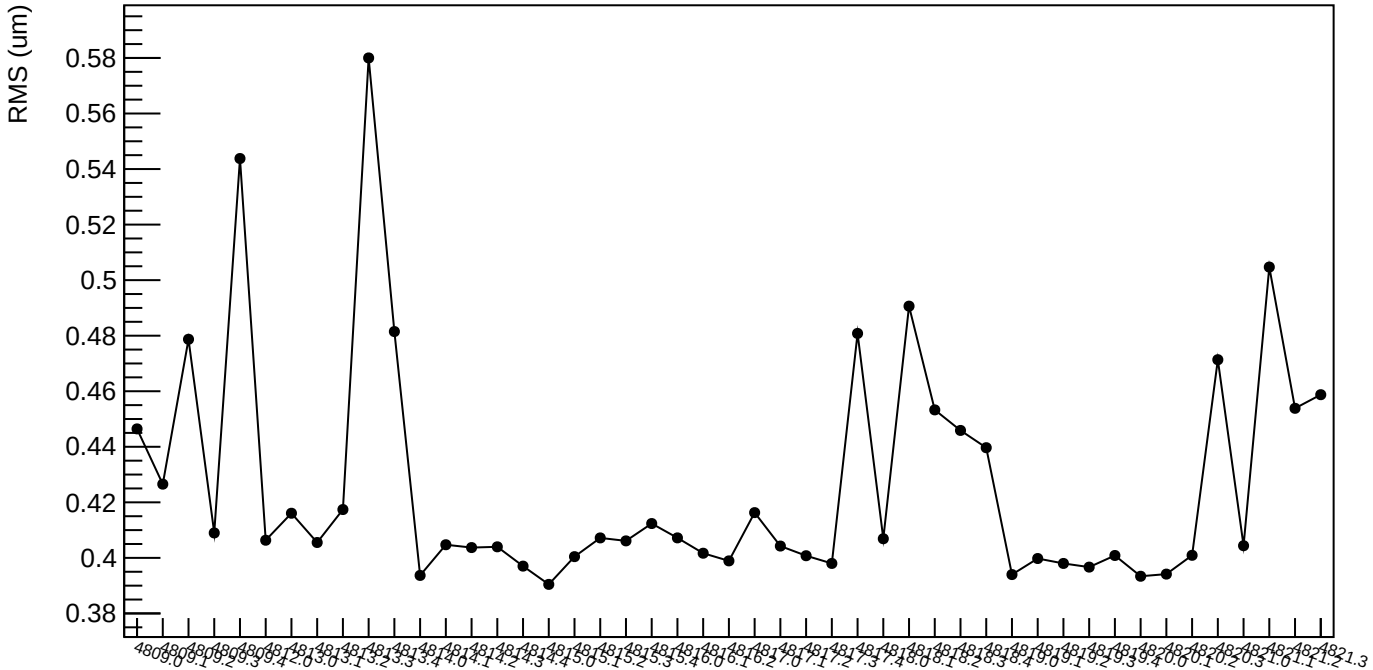

diff_evMon9 (nm)
χ² / ndf 31.48 / 46
p0 0.9506 ± 0.7606

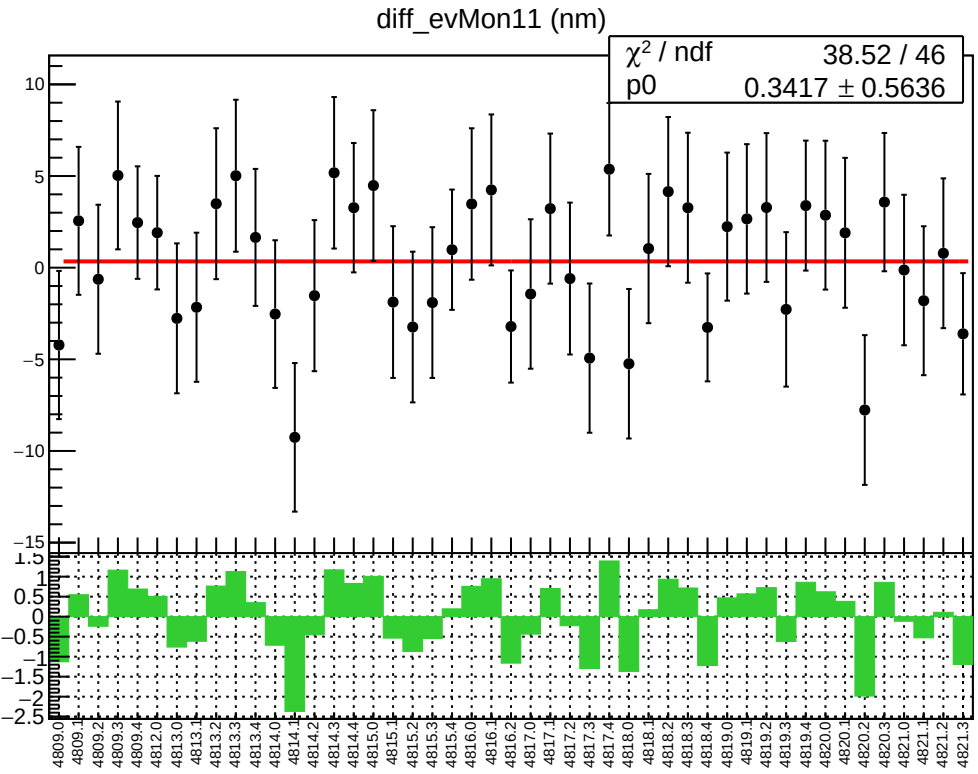

1D pull distribution
Mean 0.01286 ± 0.1194
Std Dev 0.8183 ± 0.0844
Underflow 0
Overflow 0
χ² / ndf 4.157 / 4
Constant 10.04 ± 1.91
Mean 0.2301 ± 0.2404
Sigma 0.999 ± 0.188

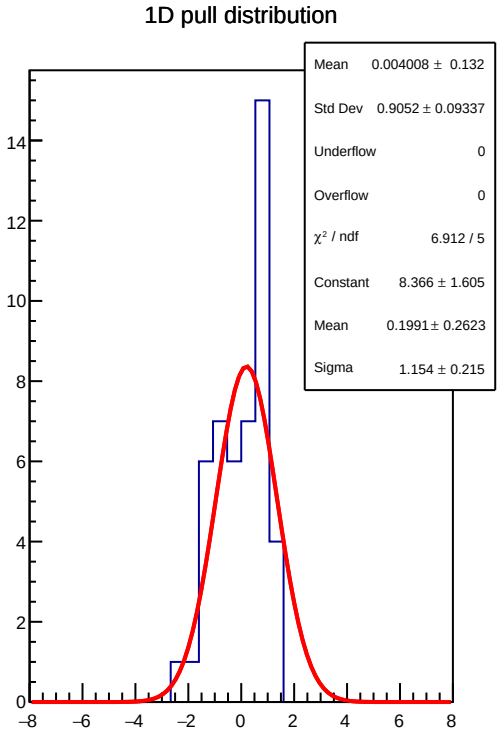

diff_evMon9 RMS (um)
RMS (um)
0.51
0.5
0.49
0.48
0.47
0.46
0.45


diff_evMon10 (nm)
χ² / ndf 45.7 / 46
p0 −0.4398 ± 0.6054
1D pull distribution
Mean 0.006654 ± 0.1438
Std Dev 0.9861 ± 0.1017
Underflow 0
Overflow 0
χ² / ndf 5.358 / 6
Constant 8.339 ± 2.106
Mean 0.02067 ± 0.19742
Sigma 1.115 ± 0.284

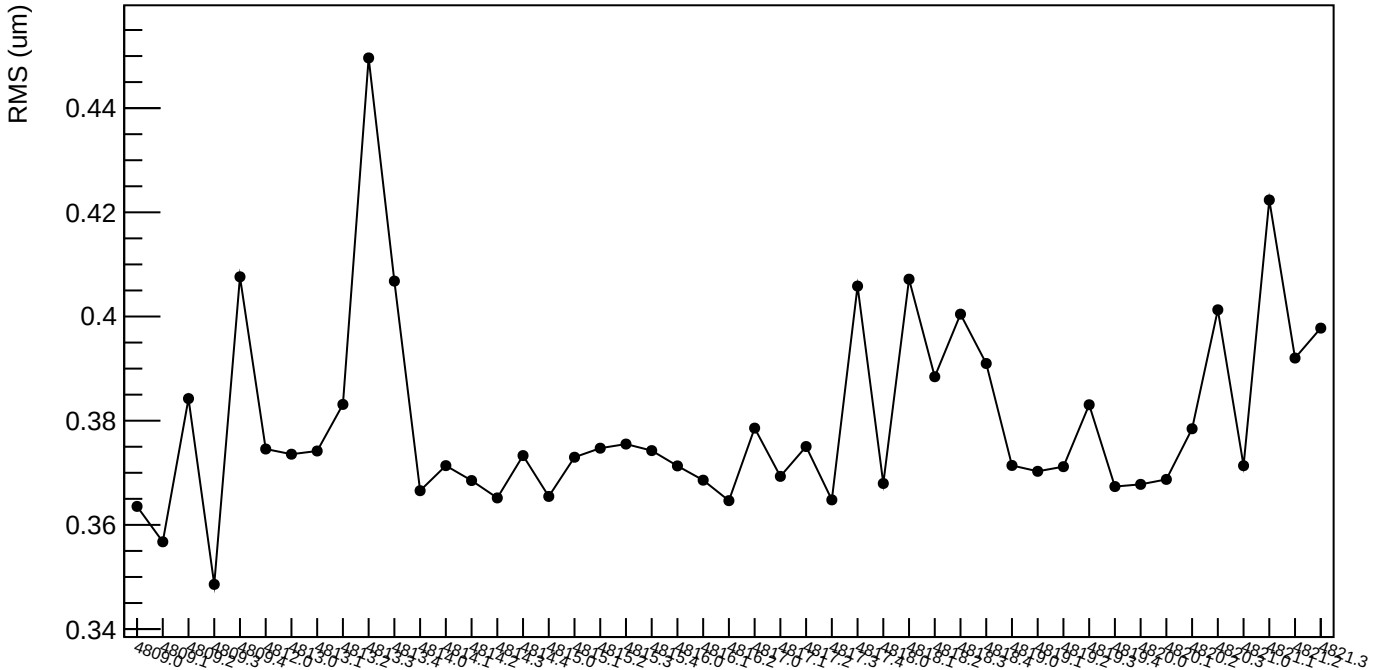
diff_evMon10 RMS (um)

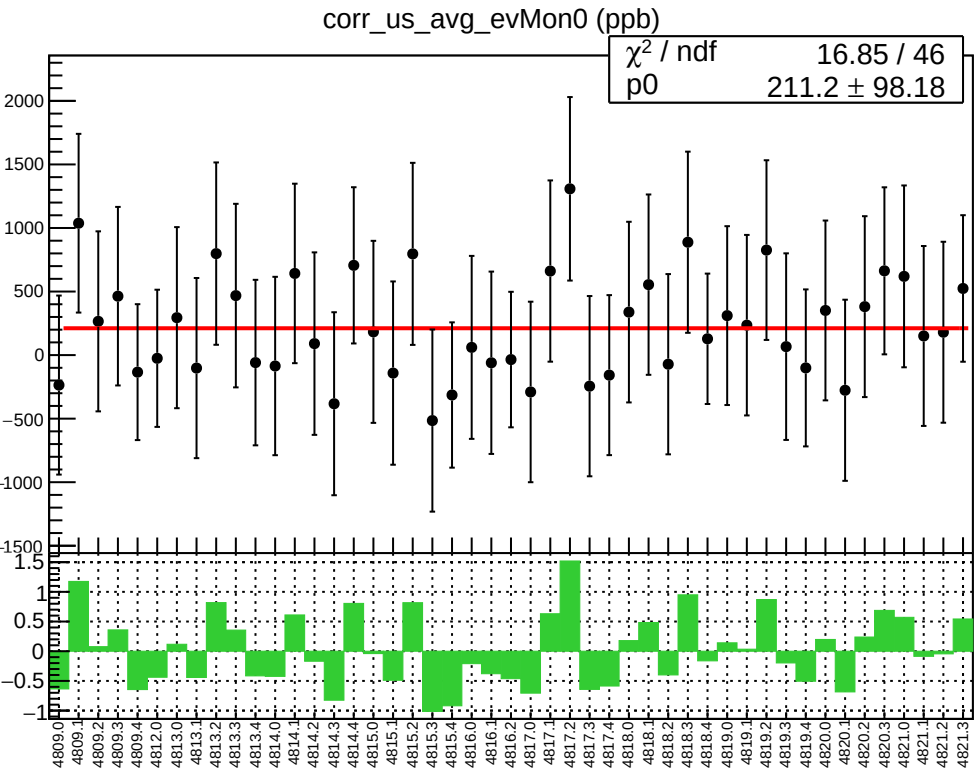


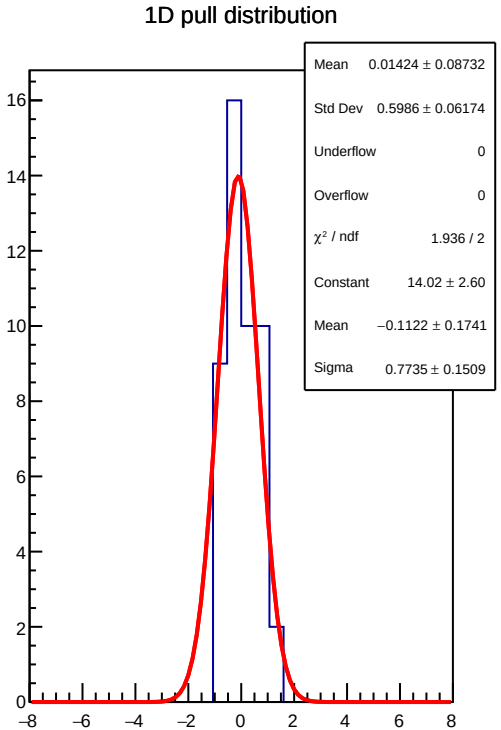

diff_evMon11 (nm)
χ² / ndf 38.52 / 46
p0 0.3417 ± 0.5636


1D pull distribution
Mean 0.004008 ± 0.132
Std Dev 0.9052 ± 0.09337
Underflow 0
Overflow 0
χ² / ndf 6.912 / 5
Constant 8.366 ± 1.605
Mean 0.1991 ± 0.2623
Sigma 1.154 ± 0.215

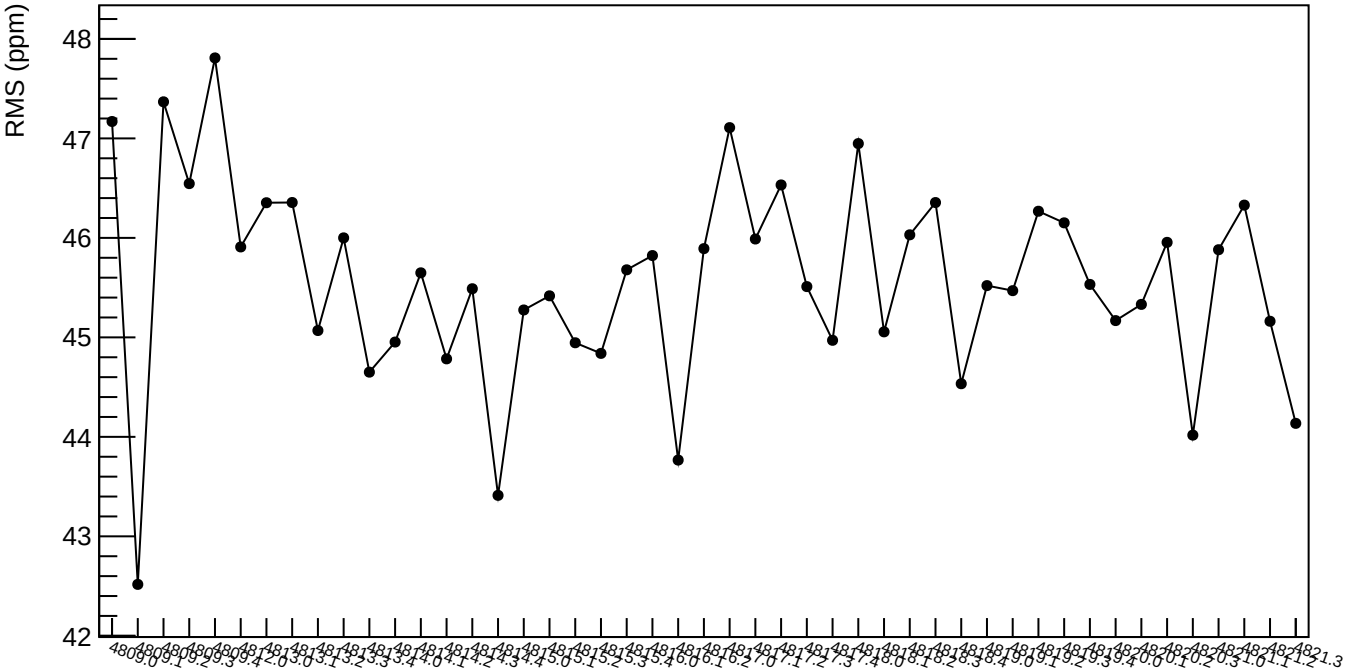
diff_evMon11 RMS (um)

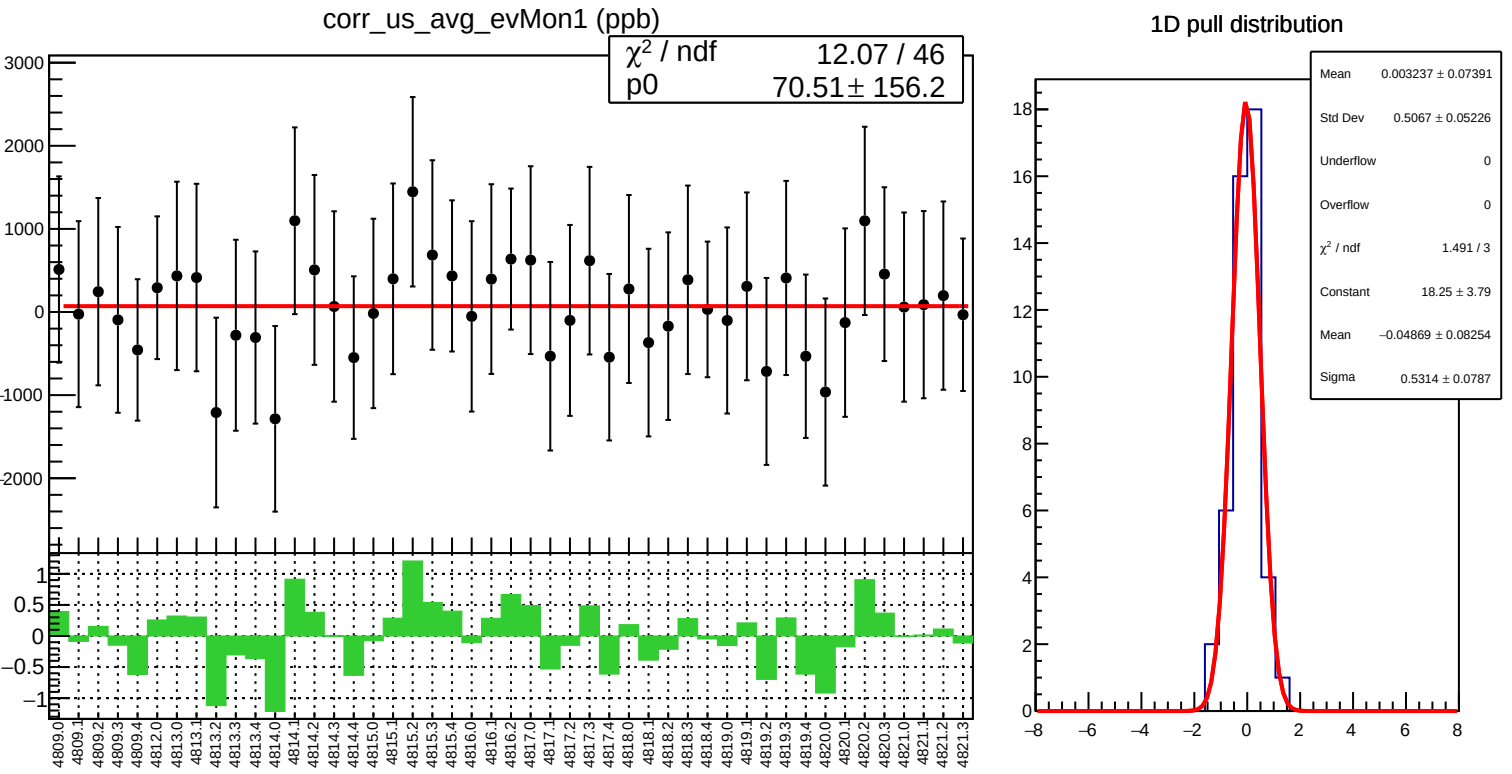


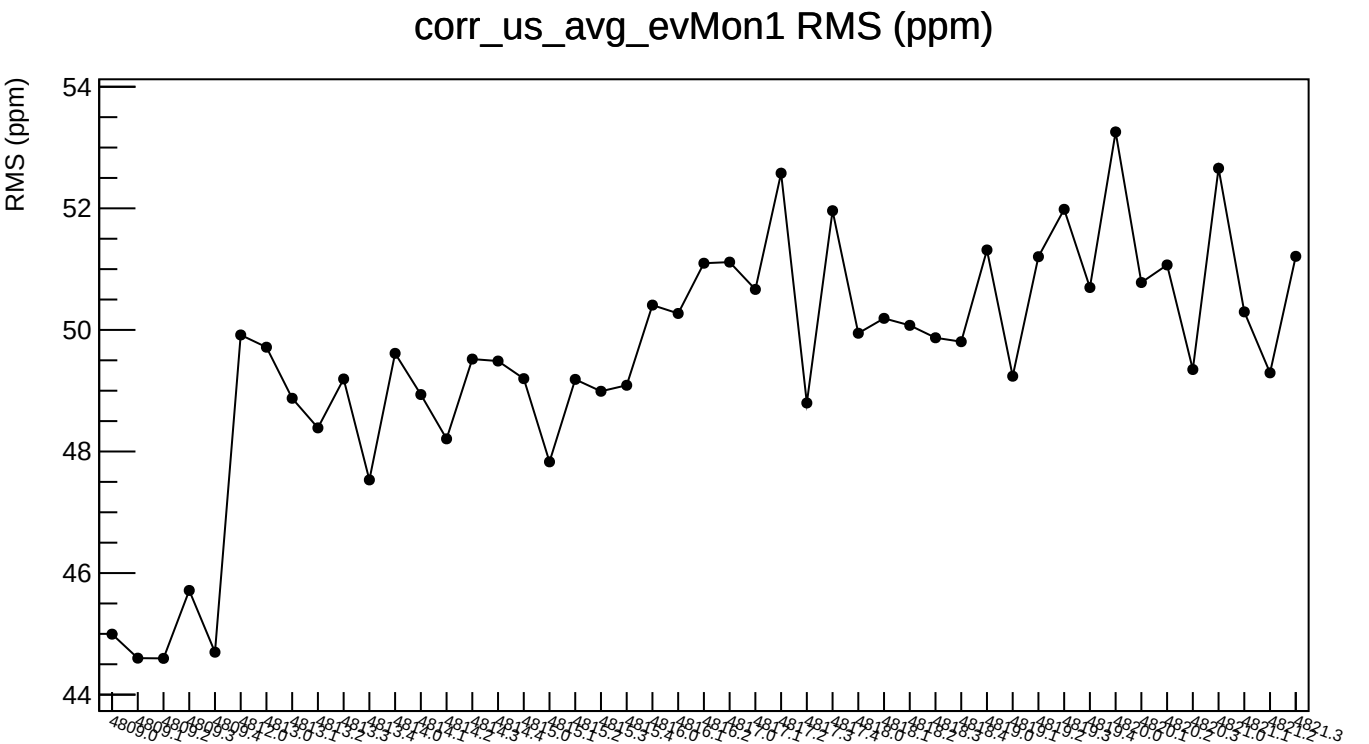

corr_us_avg_evMon0 (ppb)
χ² / ndf 16.85 / 46
p0 211.2 ± 98.18
2000
1500
1000
500
0
−500
−1000
−1500
1.5
1
0.5
0
−0.5
−1
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

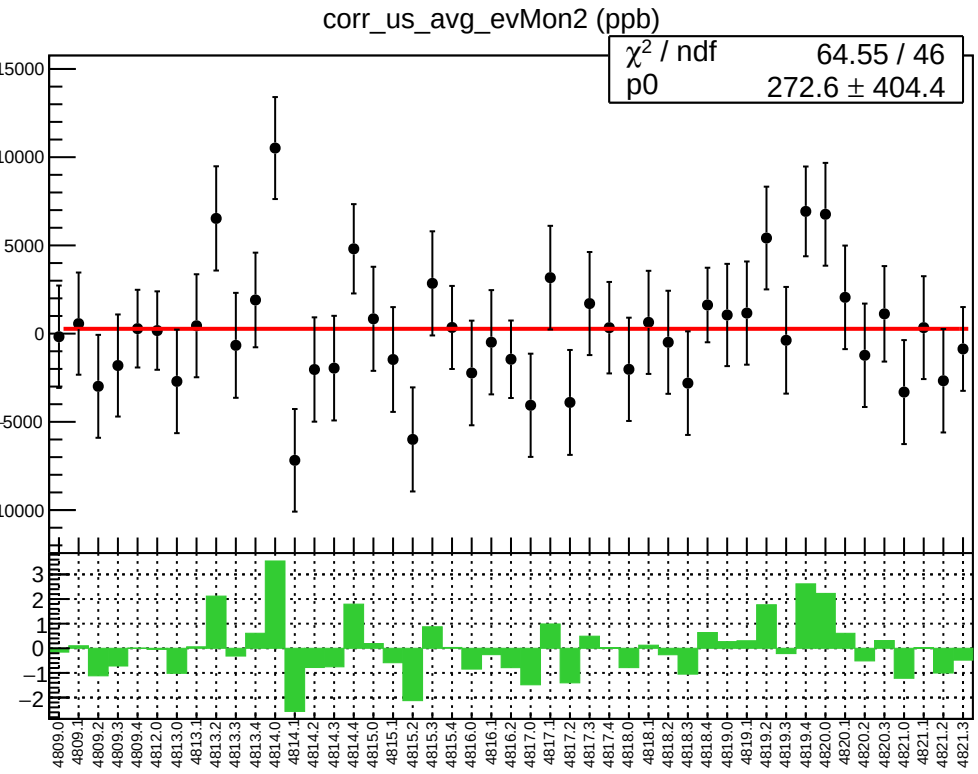

1D pull distribution
Mean 0.01424 ± 0.08732
Std Dev 0.5986 ± 0.06174
Underflow 0
Overflow 0
χ² / ndf 1.936 / 2
Constant 14.02 ± 2.60
Mean −0.1122 ± 0.1741
Sigma 0.7735 ± 0.1509
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

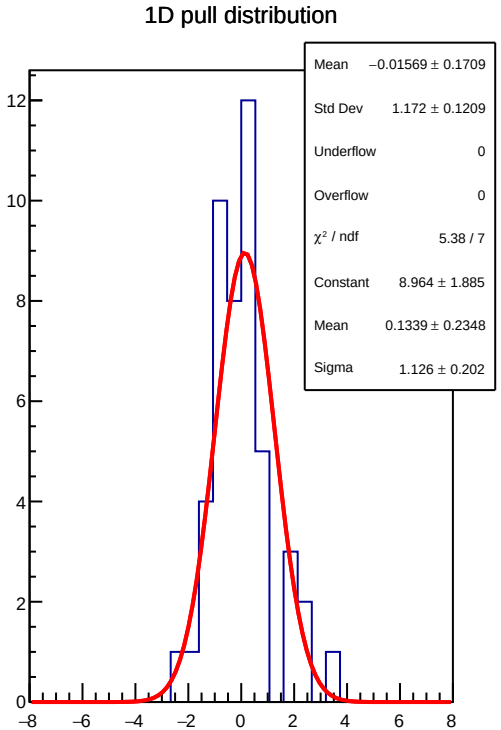
corr_us_avg_evMon0 RMS (ppm)



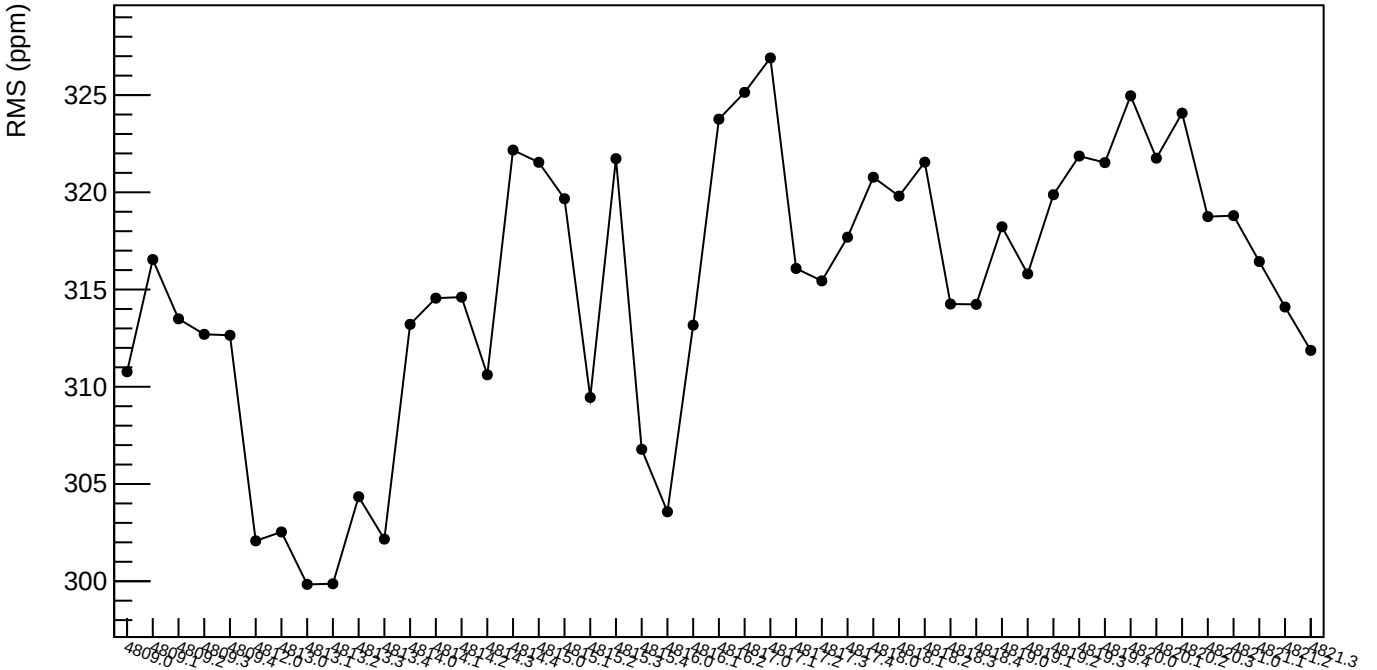

corr_us_avg_evMon1 (ppb)
χ² / ndf 12.07 / 46
p0 70.51 ± 156.2
1D pull distribution
Mean 0.003237 ± 0.07391
Std Dev 0.5067 ± 0.05226
Underflow 0
Overflow 0
χ² / ndf 1.491 / 3
Constant 18.25 ± 3.79
Mean −0.04869 ± 0.08254
Sigma 0.5314 ± 0.0787

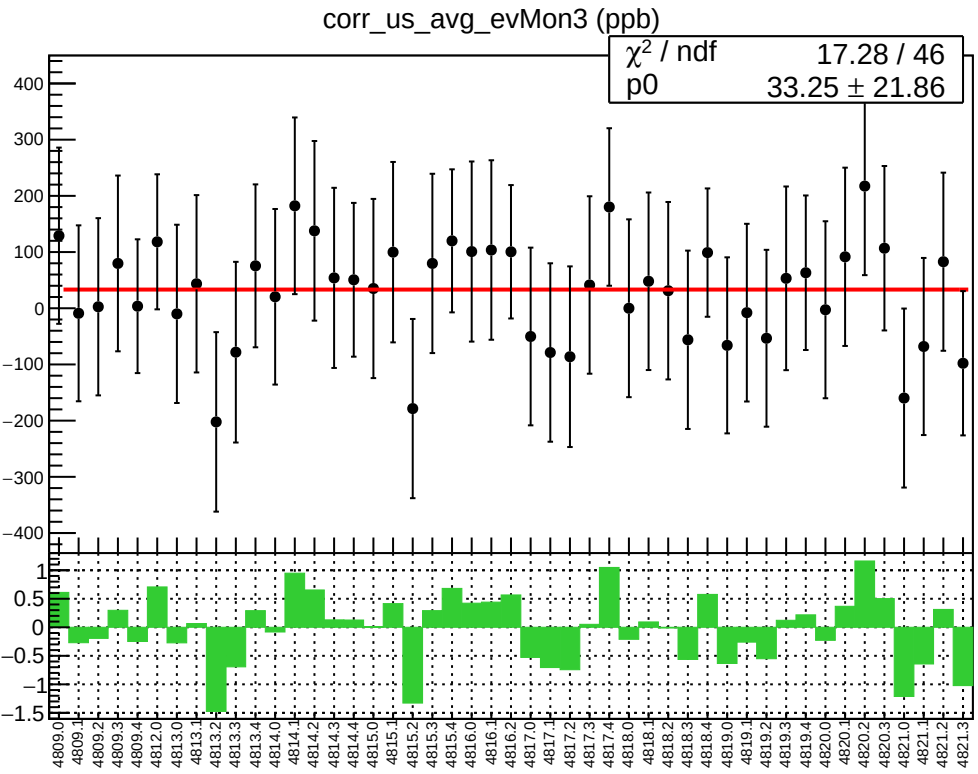

corr_us_avg_evMon1 RMS (ppm)
RMS (ppm)
54
52
50
48
46
44

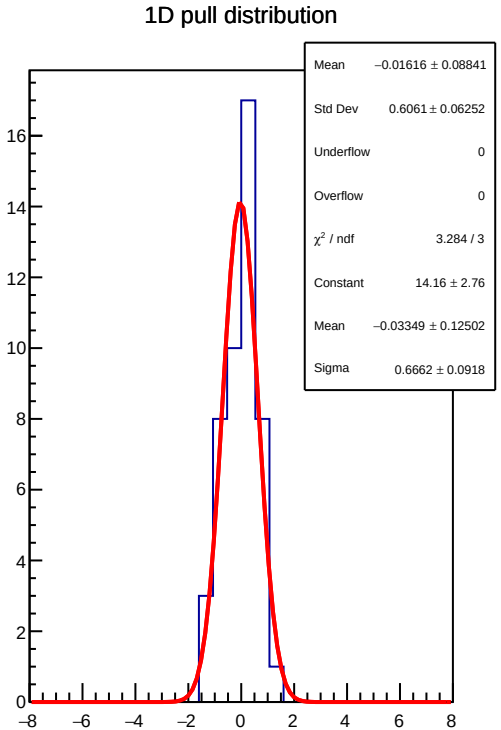

corr_us_avg_evMon2 (ppb)
χ² / ndf 64.55 / 46
p0 272.6 ± 404.4
15000
10000
5000
0
−5000
−10000
3
2
1
0
−1
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

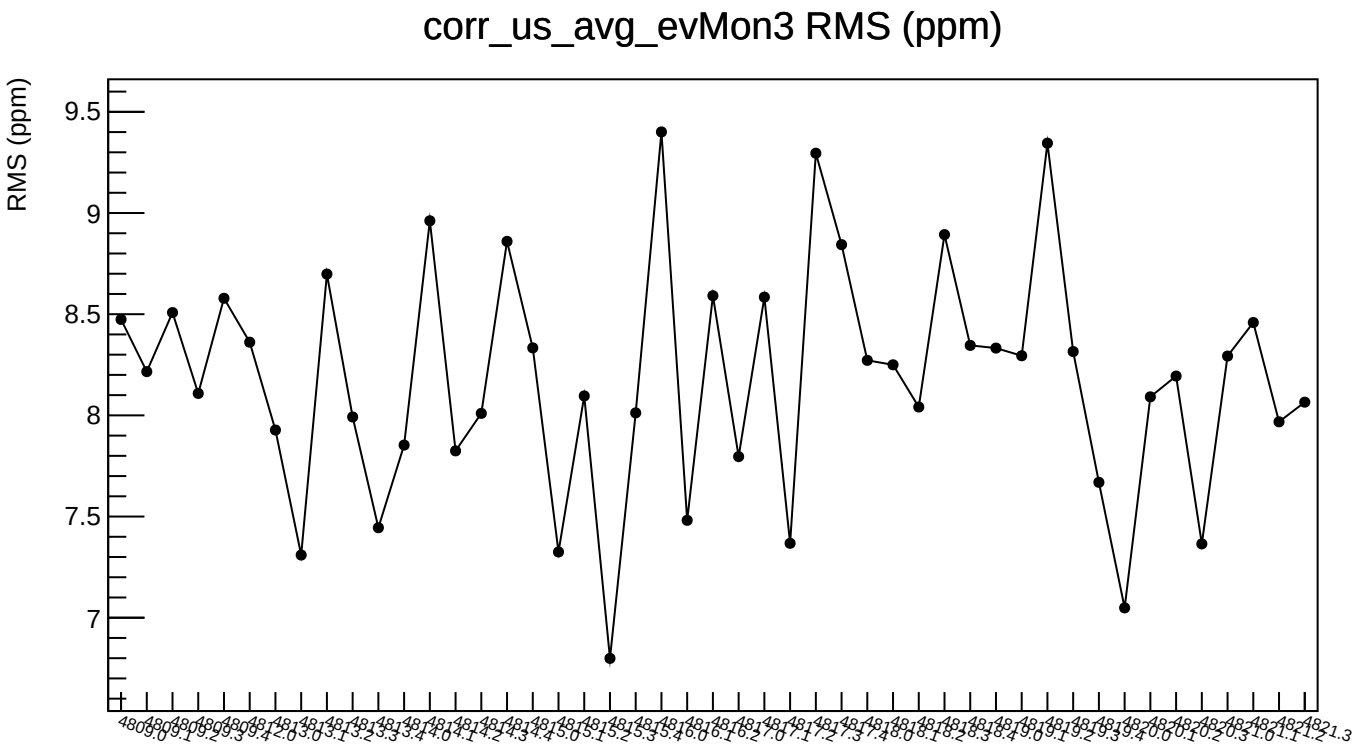

1D pull distribution
Mean −0.01569 ± 0.1709
Std Dev 1.172 ± 0.1209
Underflow 0
Overflow 0
χ² / ndf 5.38 / 7
Constant 8.964 ± 1.885
Mean 0.1339 ± 0.2348
Sigma 1.126 ± 0.202
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

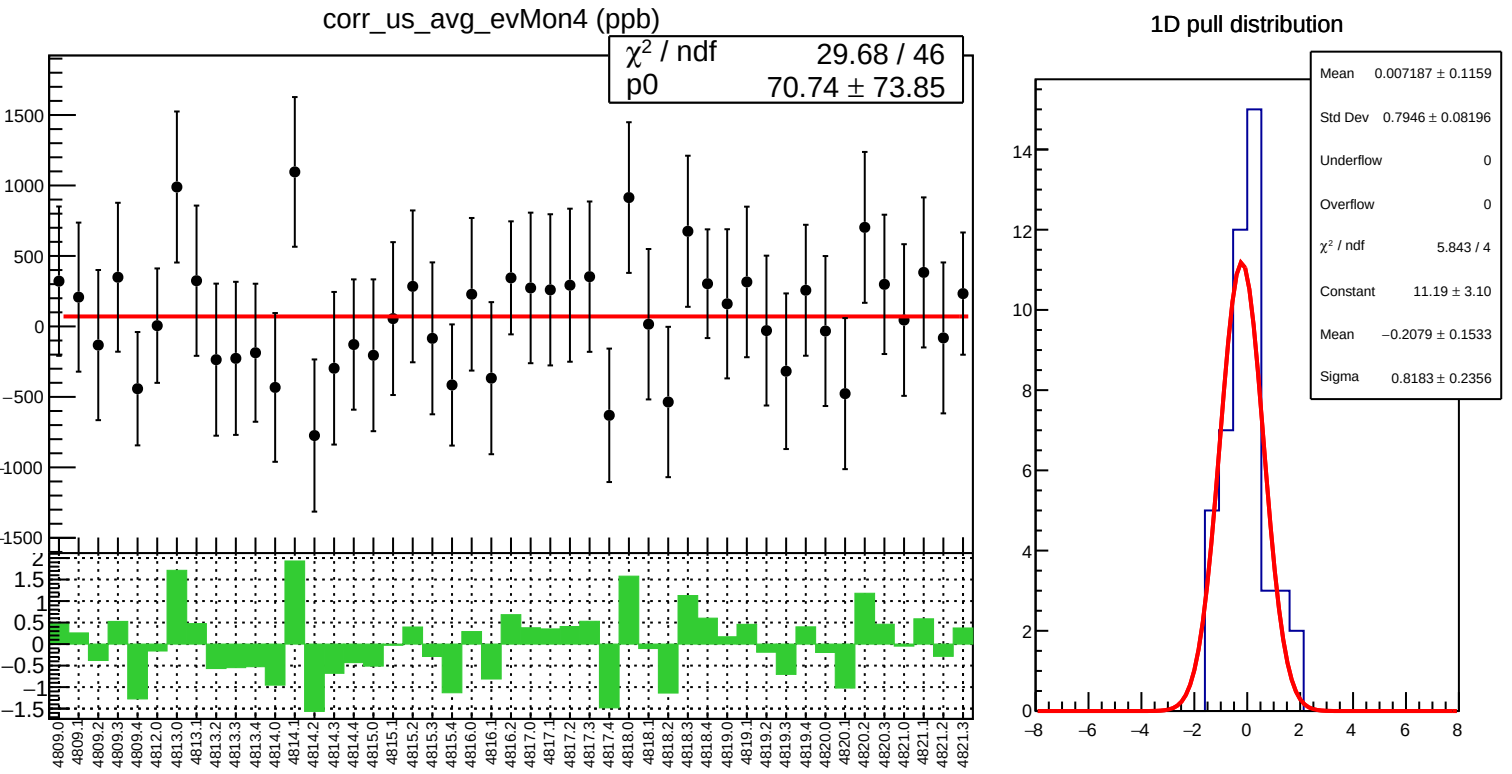
corr_us_avg_evMon2 RMS (ppm)



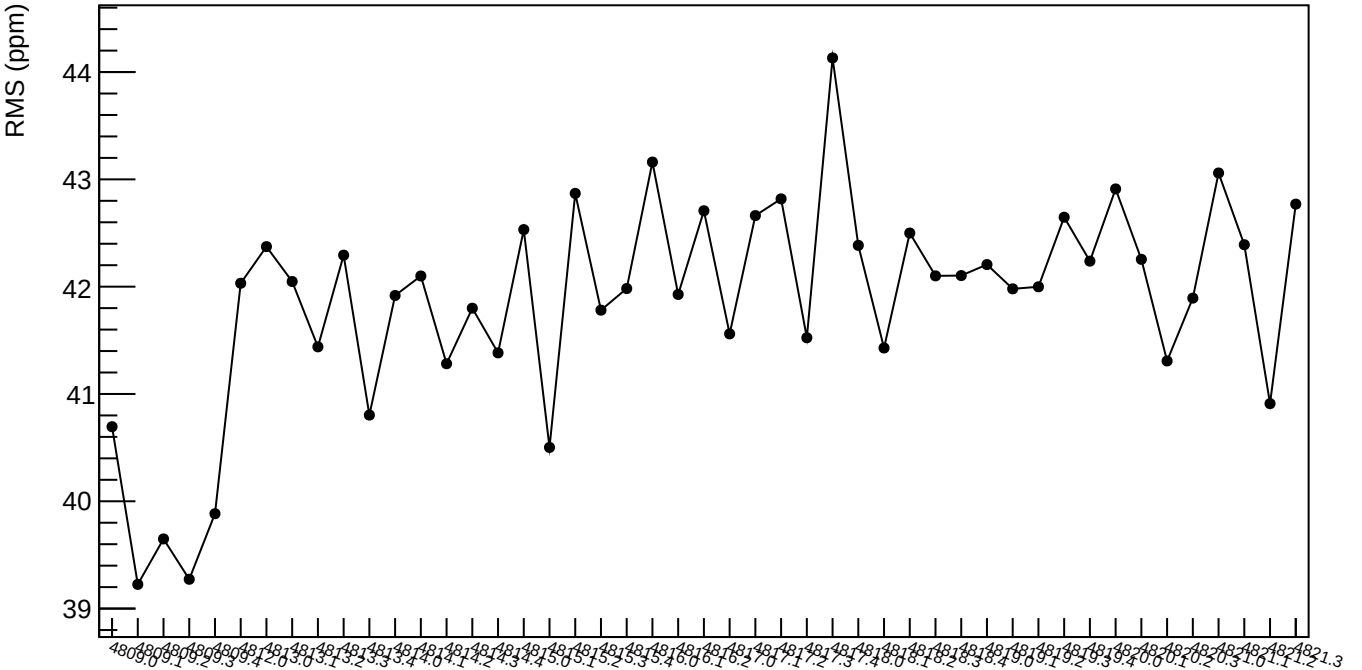

corr_us_avg_evMon3 (ppb)
χ² / ndf 17.28 / 46
p0 33.25 ± 21.86
400
300
200
100
0
−100
−200
−300
−400
1
0.5
0
−0.5
−1
−1.5
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

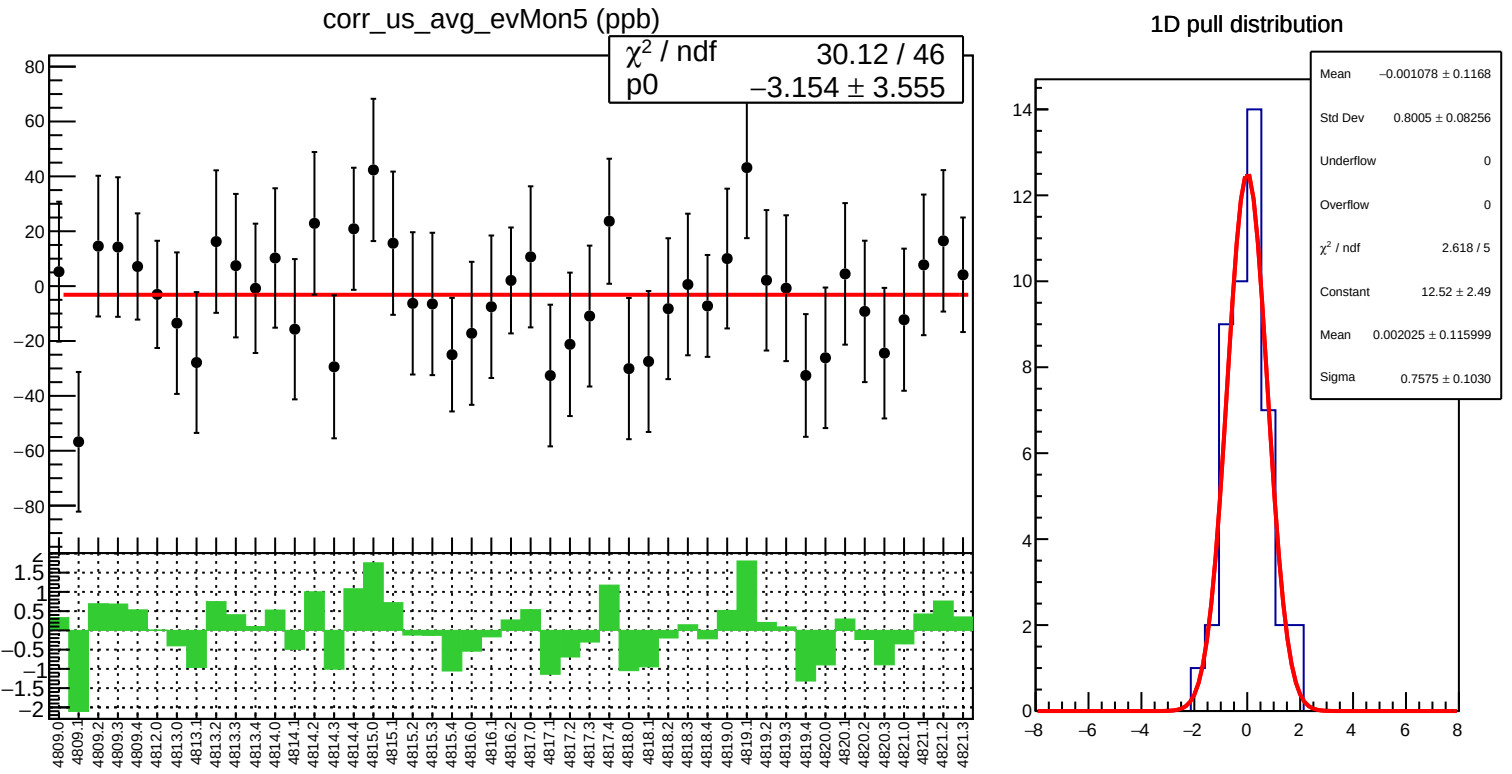

1D pull distribution
Mean −0.01616 ± 0.08841
Std Dev 0.6061 ± 0.06252
Underflow 0
Overflow 0
χ² / ndf 3.284 / 3
Constant 14.16 ± 2.76
Mean −0.03349 ± 0.12502
Sigma 0.6662 ± 0.0918
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8


corr_us_avg_evMon3 RMS (ppm)
RMS (ppm)
9.5
9
8.5
8
7.5
7

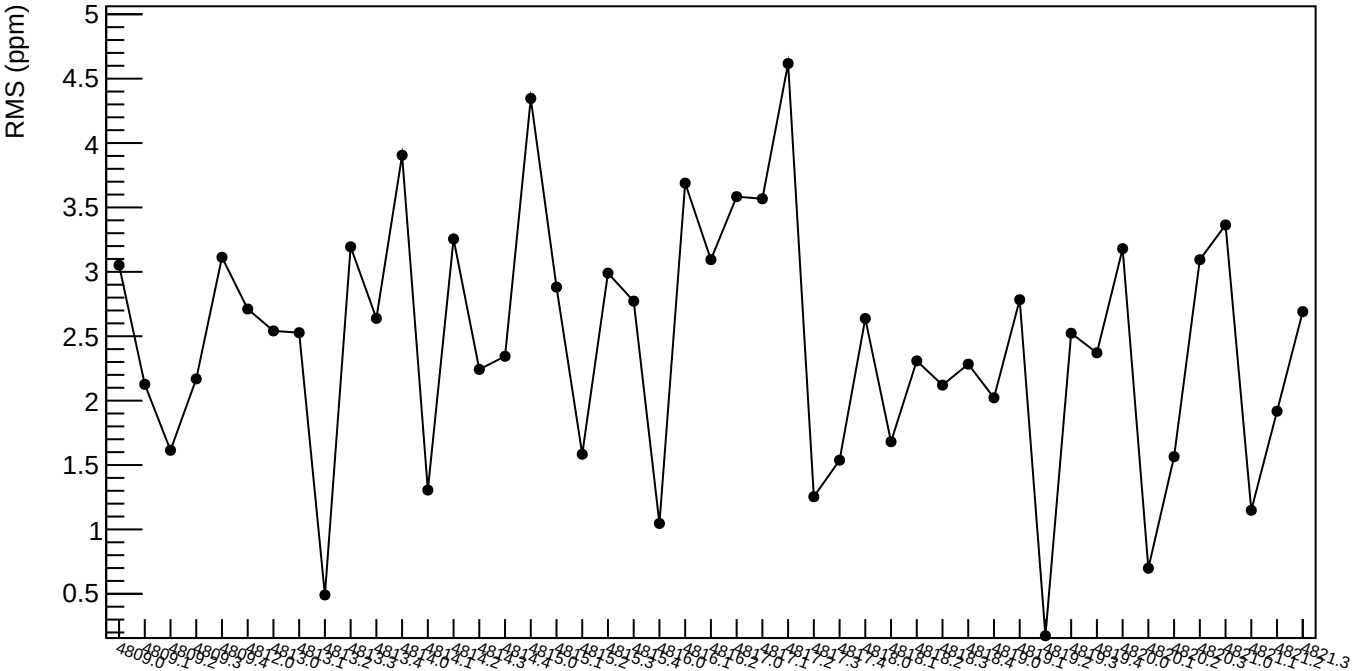

corr_us_avg_evMon4 (ppb)
χ² / ndf 29.68 / 46
p0 70.74 ± 73.85
1D pull distribution
Mean 0.007187 ± 0.1159
Std Dev 0.7946 ± 0.08196
Underflow 0
Overflow 0
χ² / ndf 5.843 / 4
Constant 11.19 ± 3.10
Mean −0.2079 ± 0.1533
Sigma 0.8183 ± 0.2356

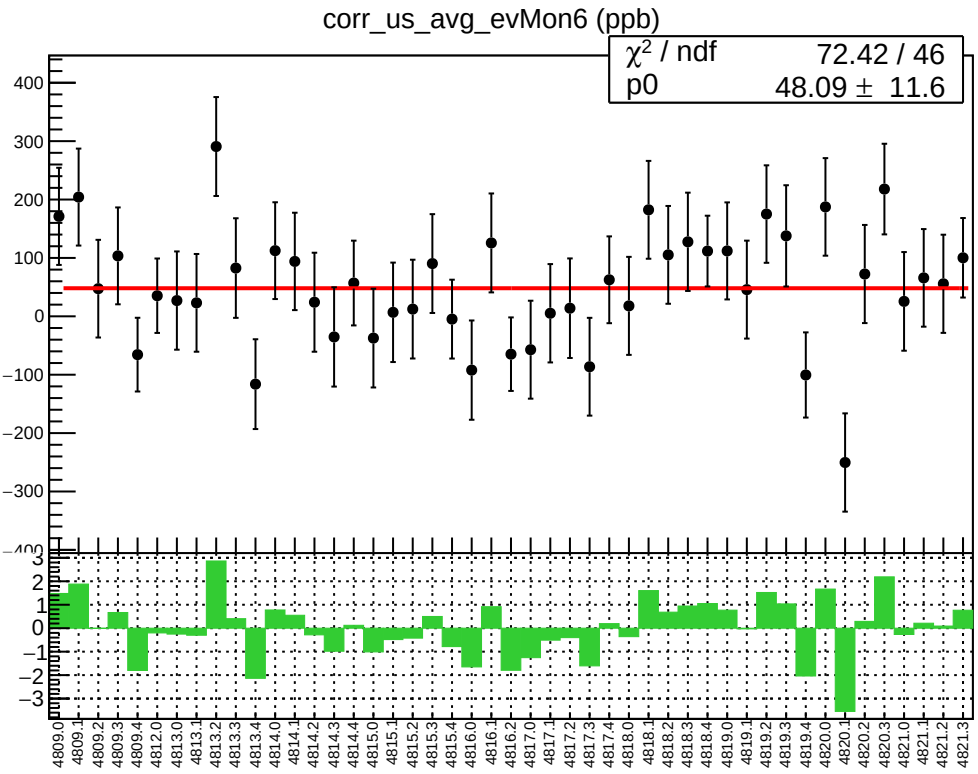
corr_us_avg_evMon4 RMS (ppm)

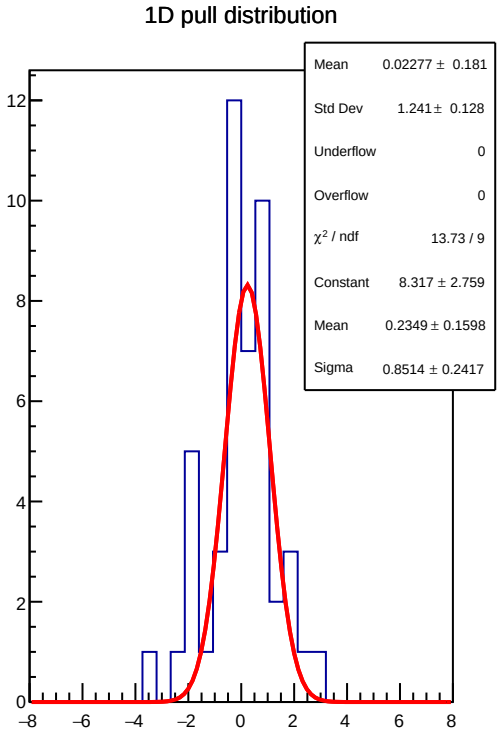



corr_us_avg_evMon5 (ppb)
χ² / ndf 30.12 / 46
p0 −3.154 ± 3.555
1D pull distribution
Mean −0.001078 ± 0.1168
Std Dev 0.8005 ± 0.08256
Underflow 0
Overflow 0
χ² / ndf 2.618 / 5
Constant 12.52 ± 2.49
Mean 0.002025 ± 0.115999
Sigma 0.7575 ± 0.1030

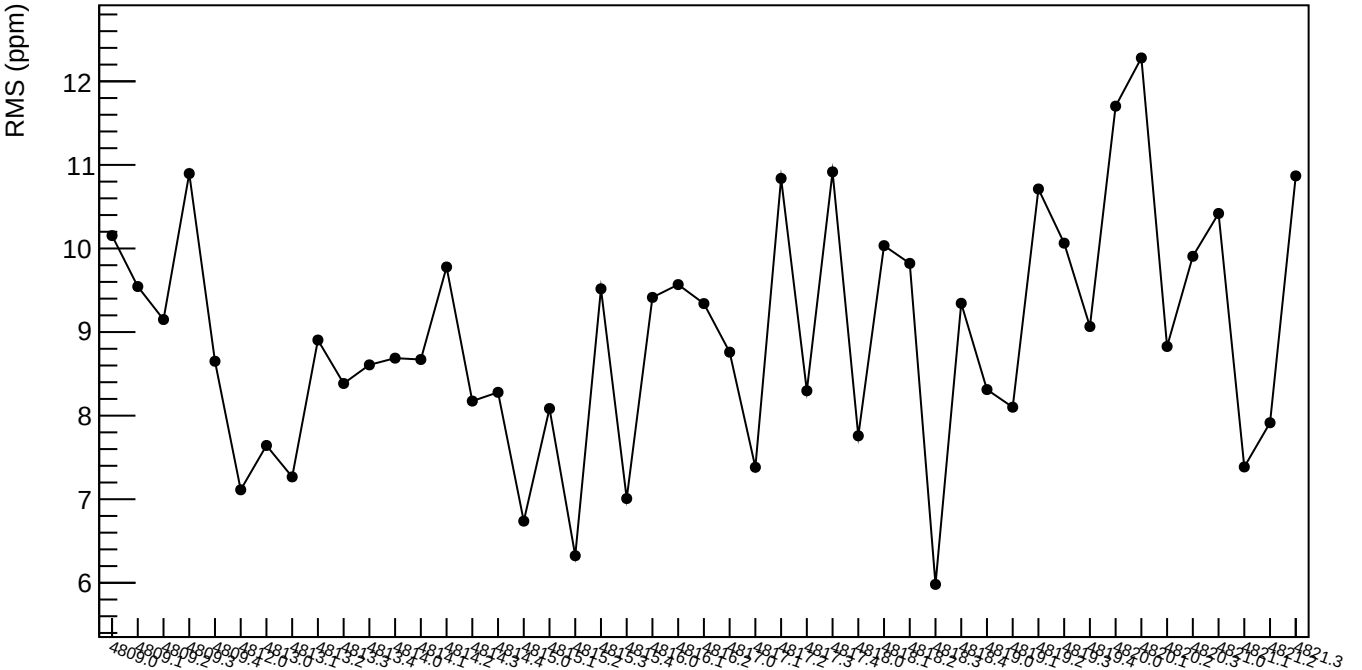
corr_us_avg_evMon5 RMS (ppm)

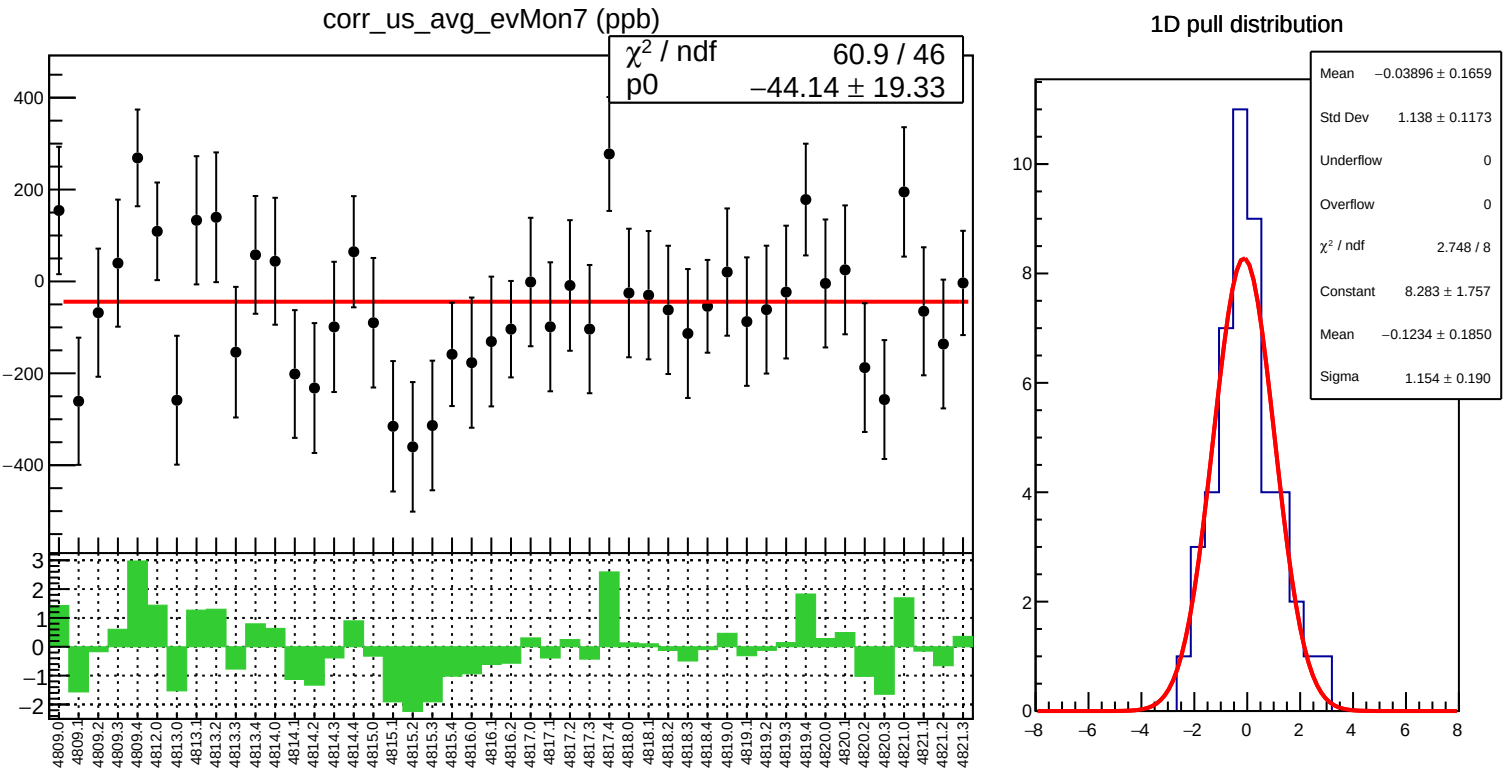



corr_us_avg_evMon6 (ppb)
χ² / ndf 72.42 / 46
p0 48.09 ± 11.6
400
300
200
100
0
−100
−200
−300
−400
3
2
1
0
−1
−2
−3
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

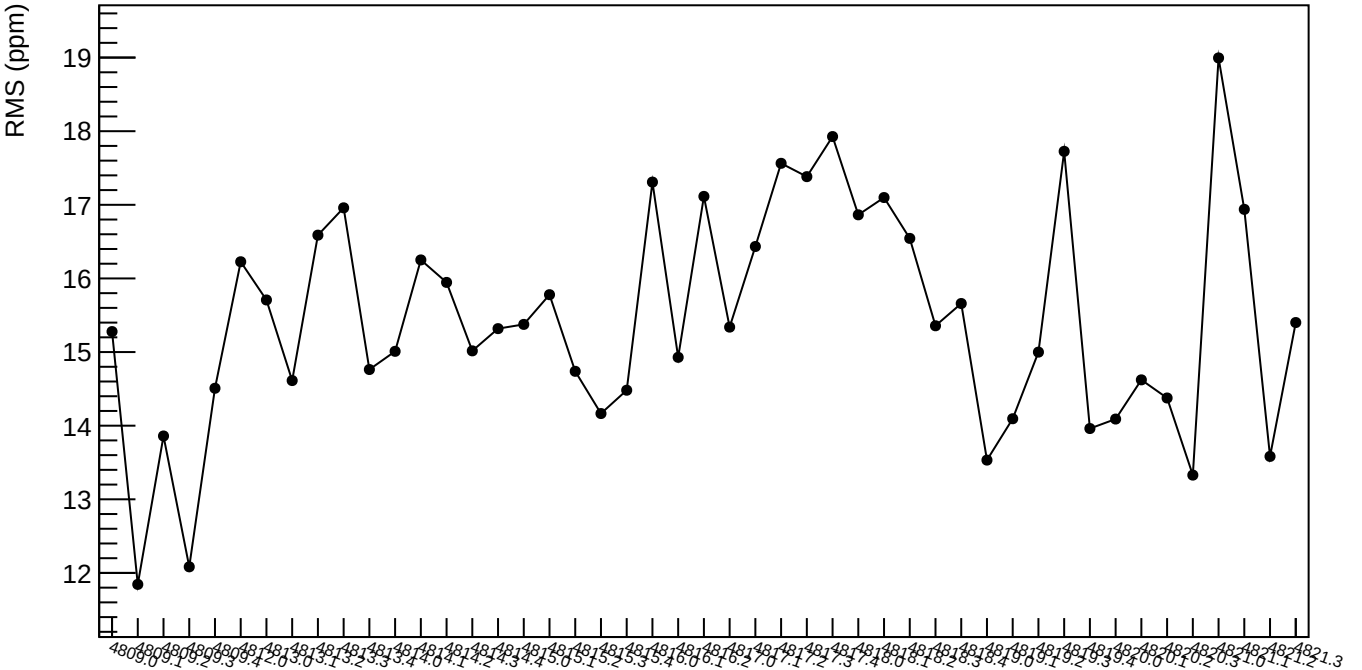

1D pull distribution
Mean 0.02277 ± 0.181
Std Dev 1.241 ± 0.128
Underflow 0
Overflow 0
χ² / ndf 13.73 / 9
Constant 8.317 ± 2.759
Mean 0.2349 ± 0.1598
Sigma 0.8514 ± 0.2417
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

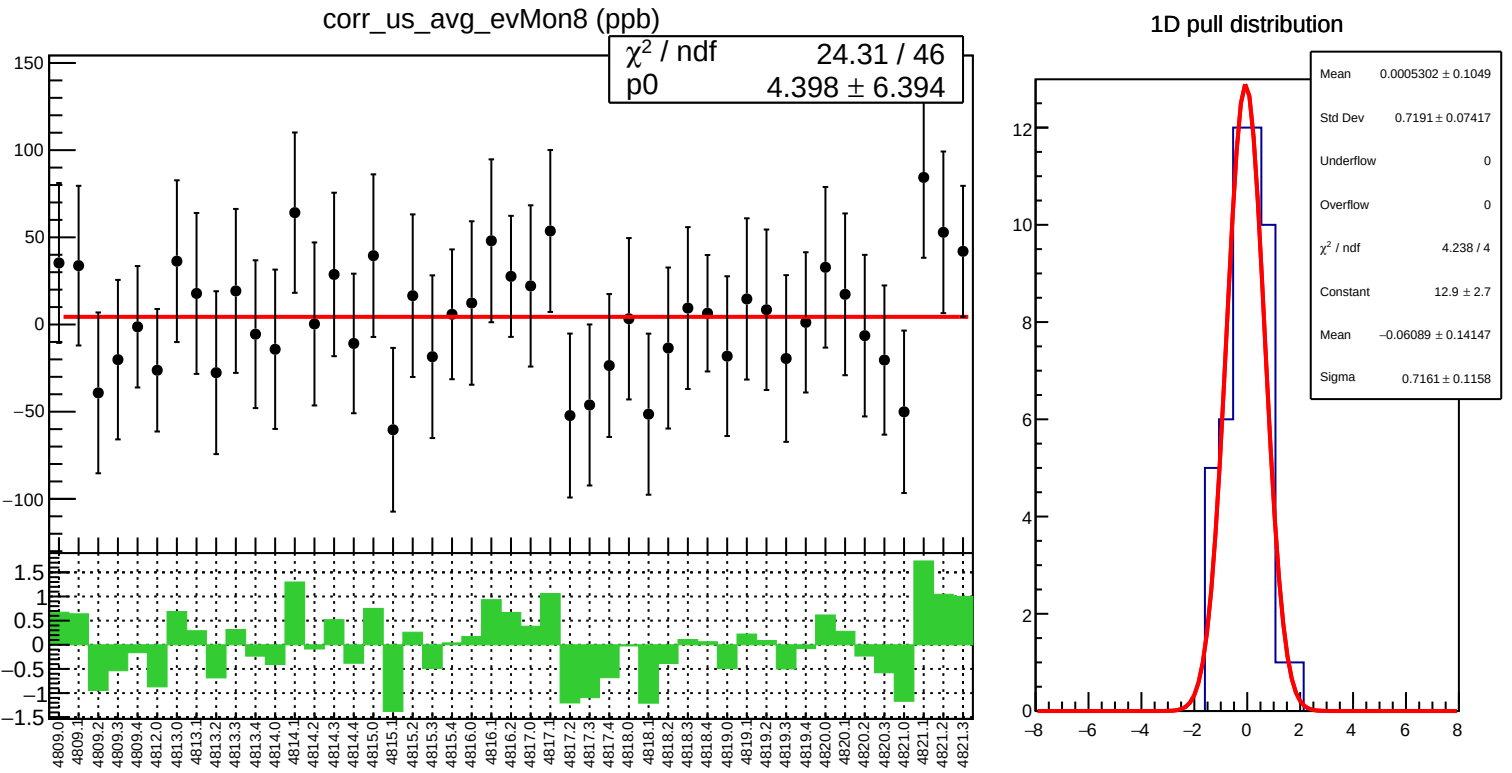
corr_us_avg_evMon6 RMS (ppm)



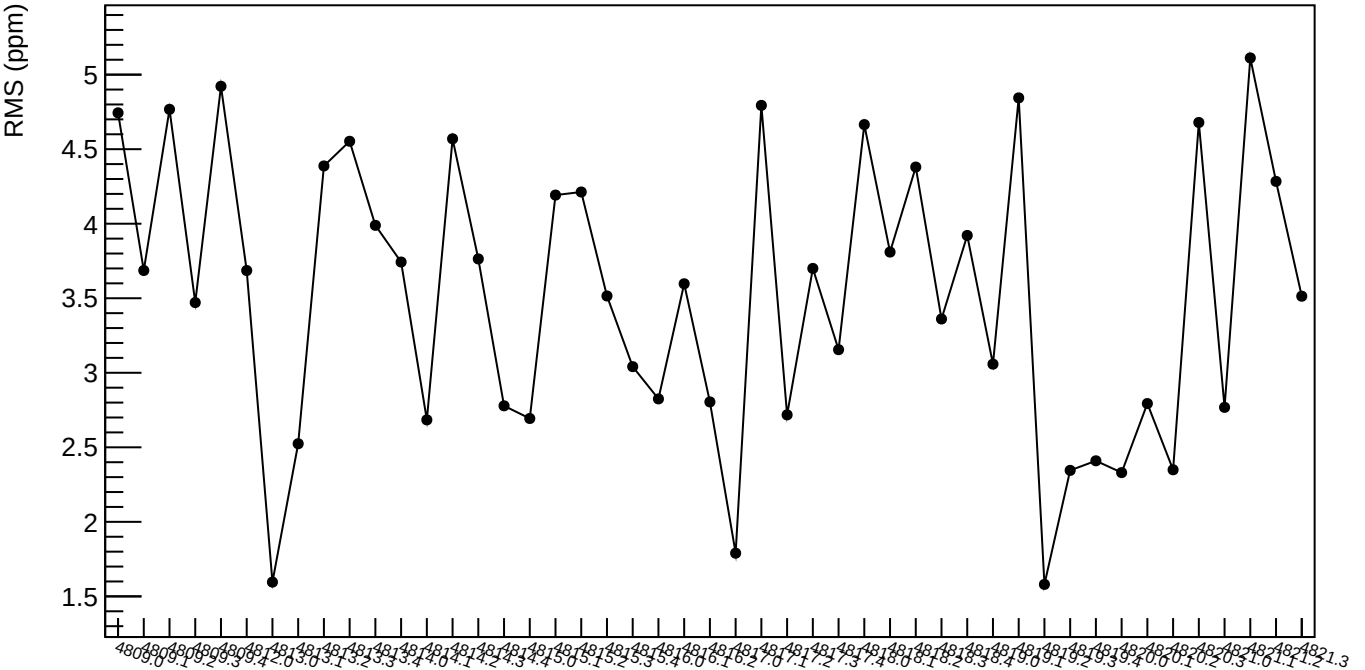

corr_us_avg_evMon7 (ppb)
χ² / ndf 60.9 / 46
p0 −44.14 ± 19.33
1D pull distribution
Mean −0.03896 ± 0.1659
Std Dev 1.138 ± 0.1173
Underflow 0
Overflow 0
χ² / ndf 2.748 / 8
Constant 8.283 ± 1.757
Mean −0.1234 ± 0.1850
Sigma 1.154 ± 0.190

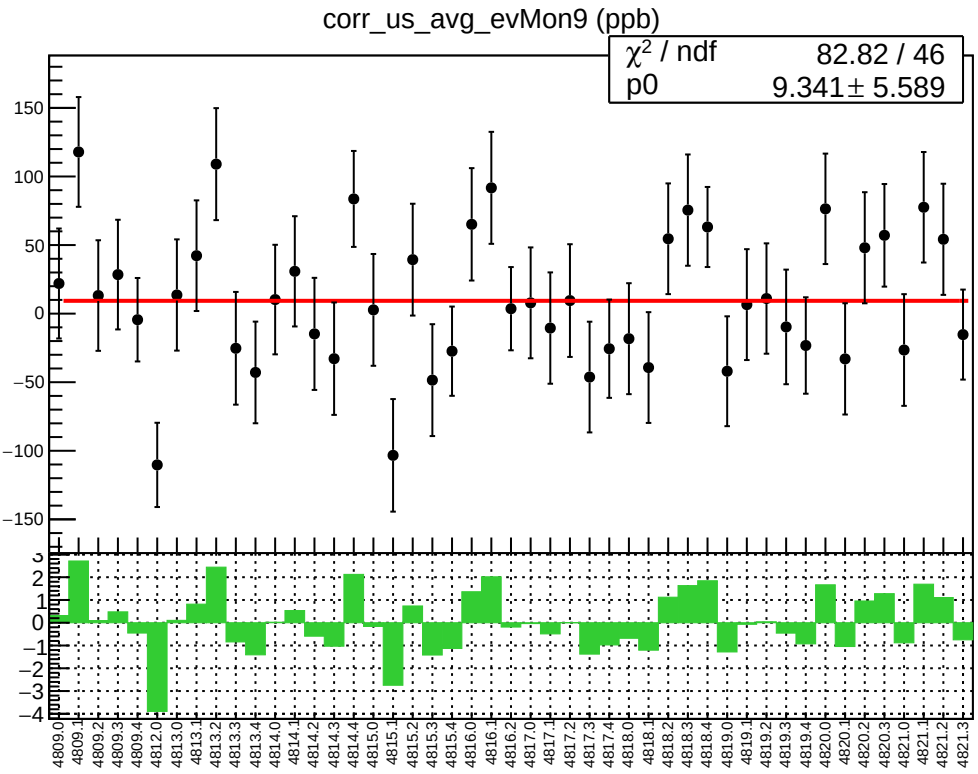
corr_us_avg_evMon7 RMS (ppm)

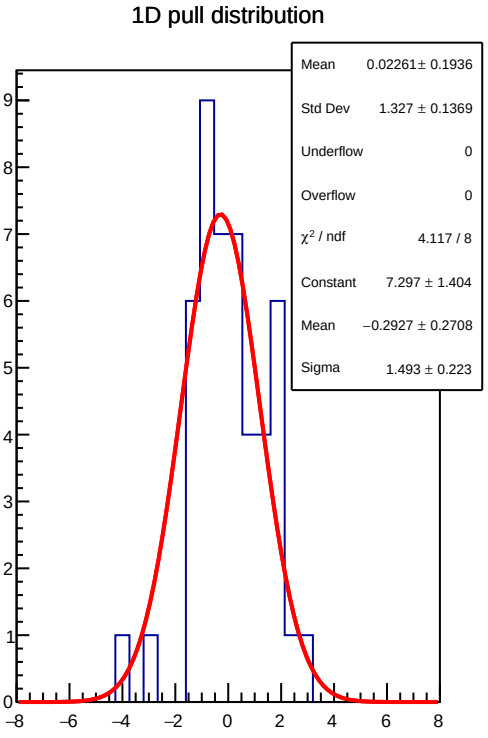



corr_us_avg_evMon8 (ppb)
χ² / ndf 24.31 / 46
p0 4.398 ± 6.394
1D pull distribution
Mean 0.0005302 ± 0.1049
Std Dev 0.7191 ± 0.07417
Underflow 0
Overflow 0
χ² / ndf 4.238 / 4
Constant 12.9 ± 2.7
Mean −0.06089 ± 0.14147
Sigma 0.7161 ± 0.1158

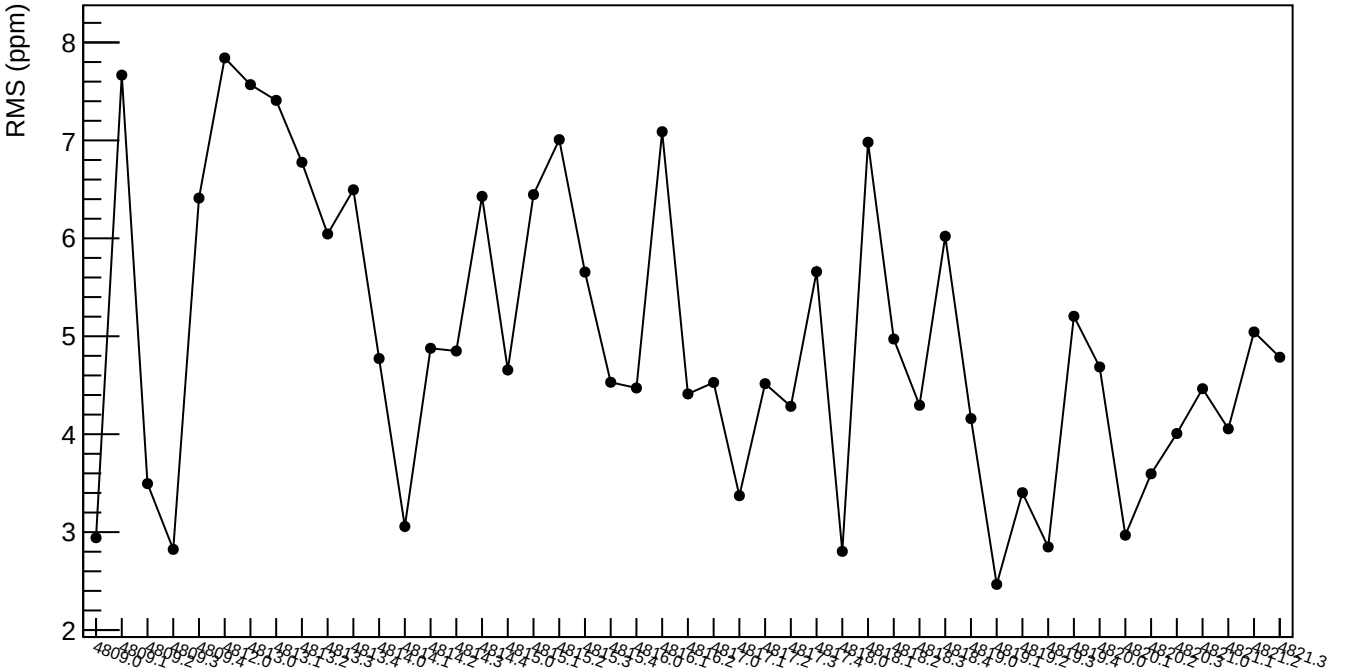
corr_us_avg_evMon8 RMS (ppm)

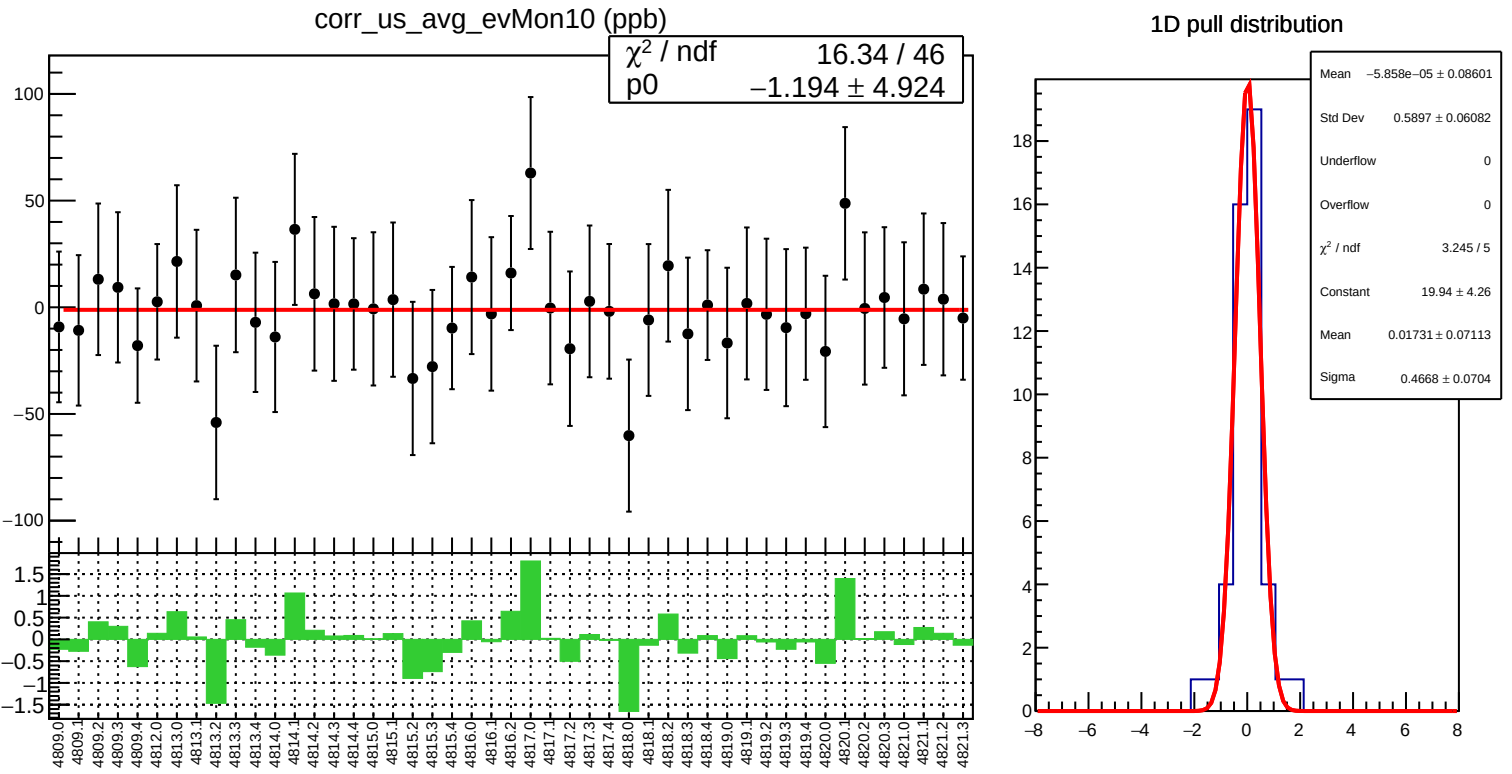



corr_us_avg_evMon9 (ppb)
χ² / ndf 82.82 / 46
p0 9.341 ± 5.589
Normalized Residuals

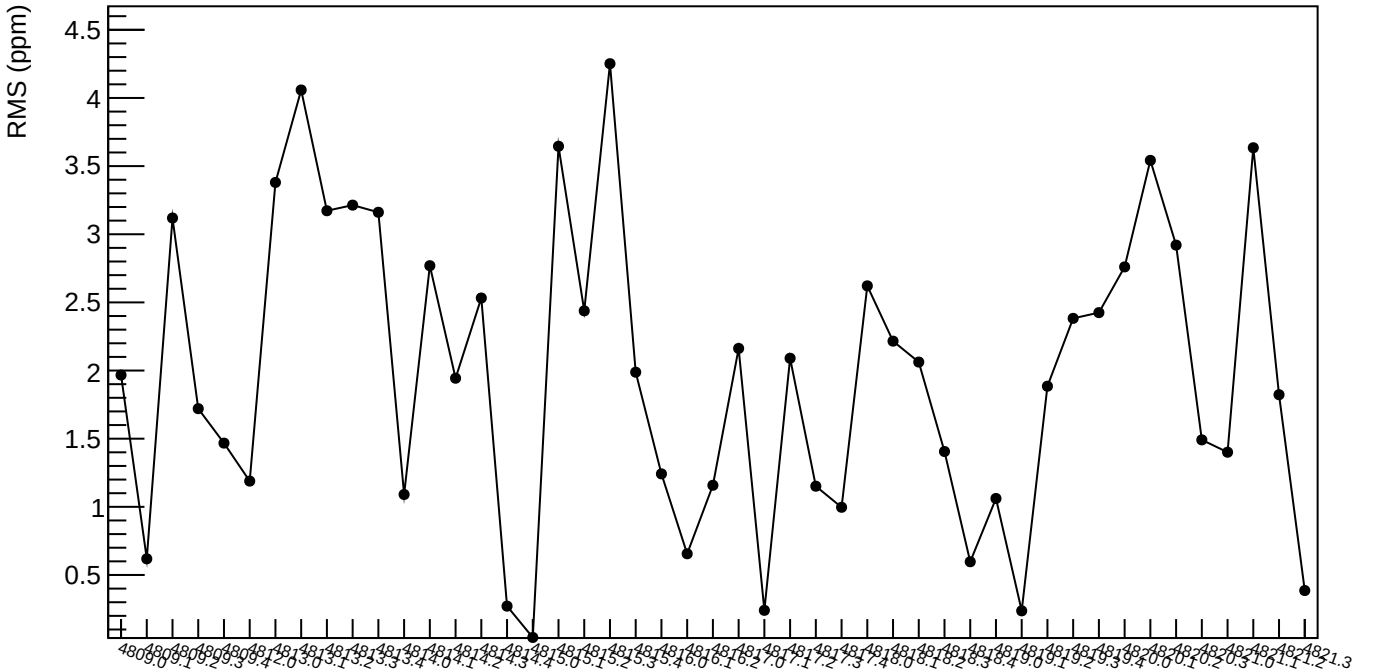

1D pull distribution
Mean 0.02261 ± 0.1936
Std Dev 1.327 ± 0.1369
Underflow 0
Overflow 0
χ² / ndf 4.117 / 8
Constant 7.297 ± 1.404
Mean −0.2927 ± 0.2708
Sigma 1.493 ± 0.223

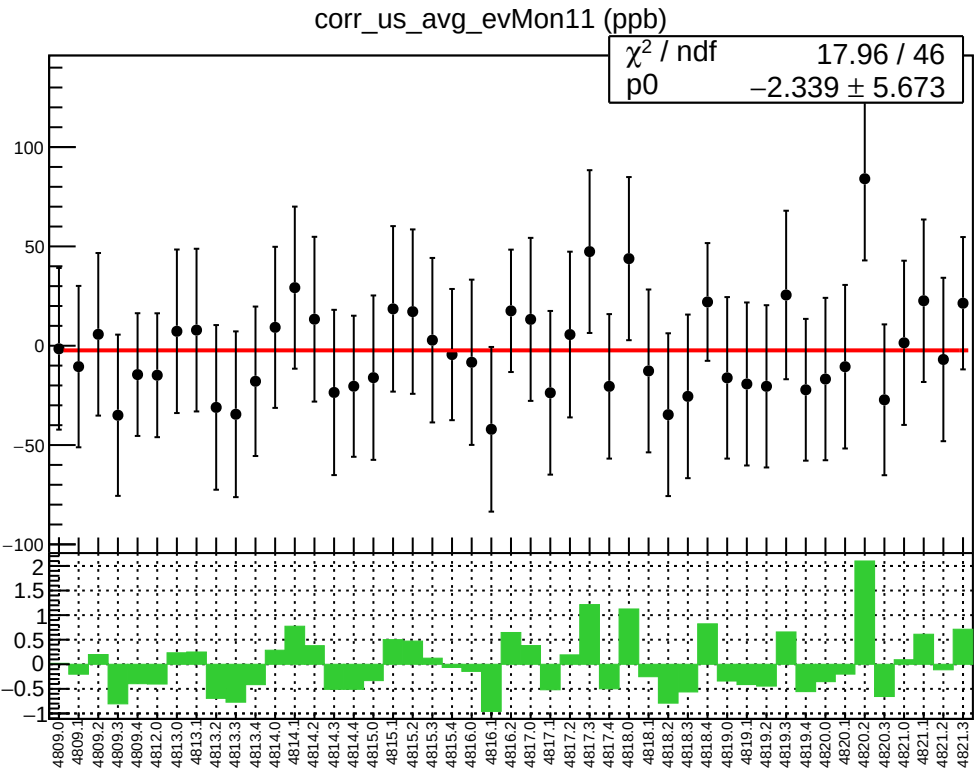
corr_us_avg_evMon9 RMS (ppm)

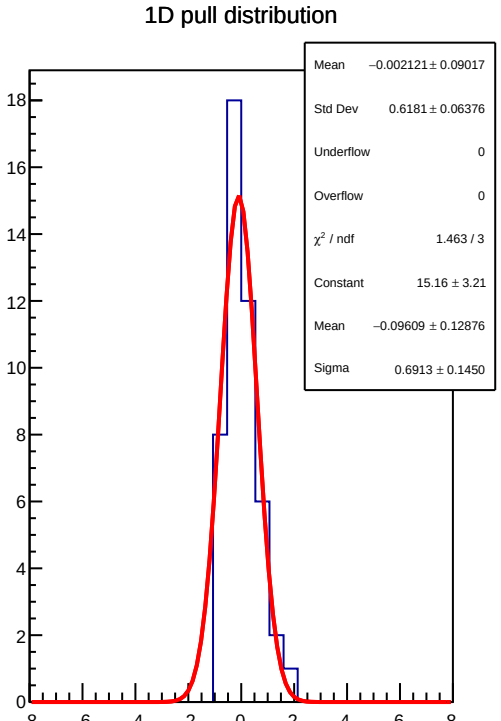



corr_us_avg_evMon10 (ppb)
χ² / ndf 16.34 / 46
p0 −1.194 ± 4.924
1D pull distribution
Mean −5.858e−05 ± 0.08601
Std Dev 0.5897 ± 0.06082
Underflow 0
Overflow 0
χ² / ndf 3.245 / 5
Constant 19.94 ± 4.26
Mean 0.01731 ± 0.07113
Sigma 0.4668 ± 0.0704

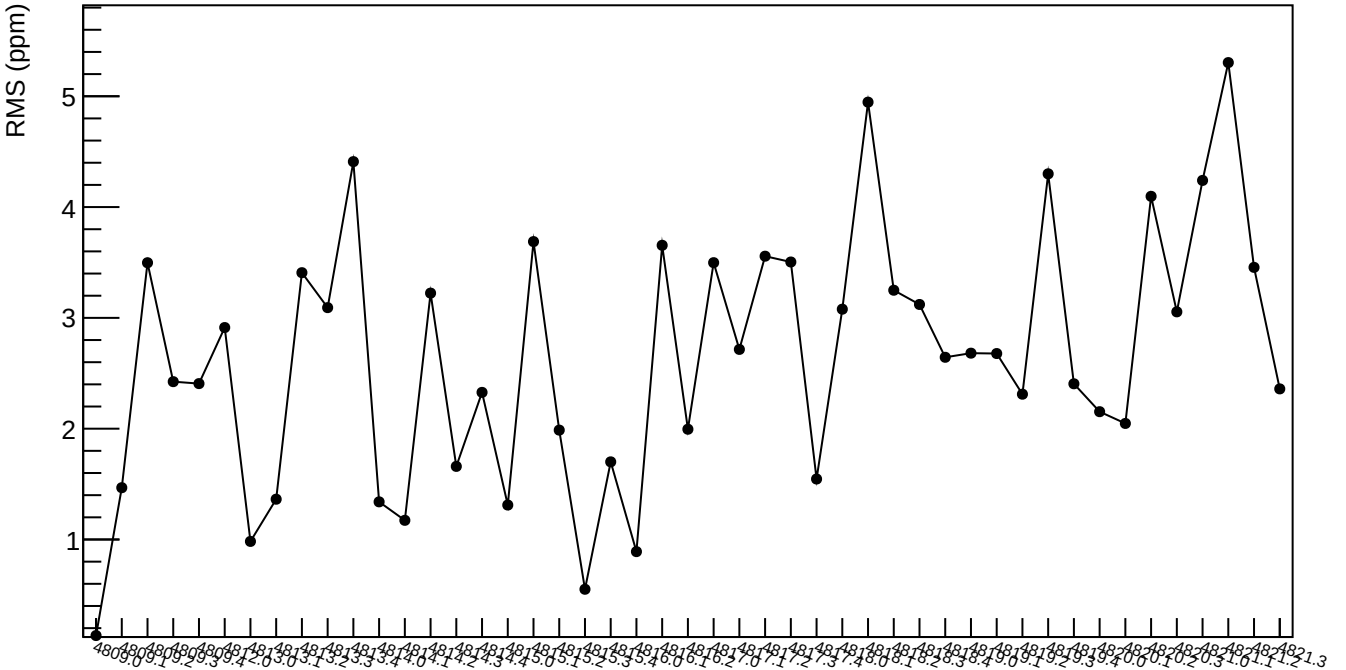
corr_us_avg_evMon10 RMS (ppm)

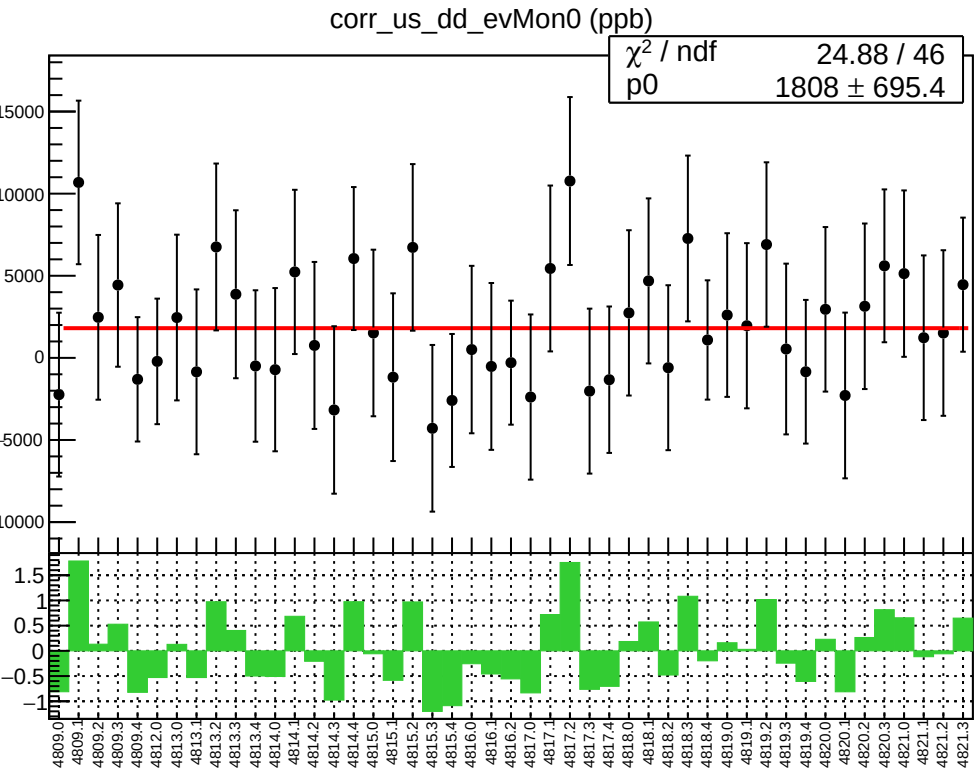


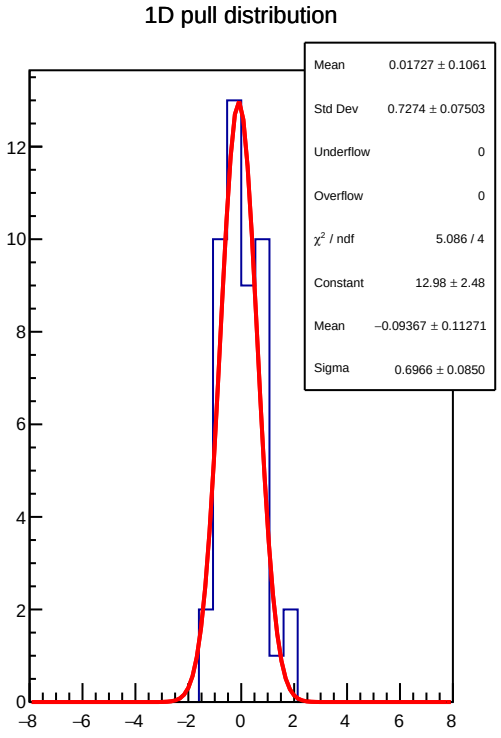

corr_us_avg_evMon11 (ppb)
χ^2 / ndf 17.96 / 46
p0 −2.339 ± 5.673
100
50
0
−50
−100
2
1.5
1
0.5
0
−0.5
−1
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean −0.002121 ± 0.09017
Std Dev 0.6181 ± 0.06376
Underflow 0
Overflow 0
χ^2 / ndf 1.463 / 3
Constant 15.16 ± 3.21
Mean −0.09609 ± 0.12876
Sigma 0.6913 ± 0.1450
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

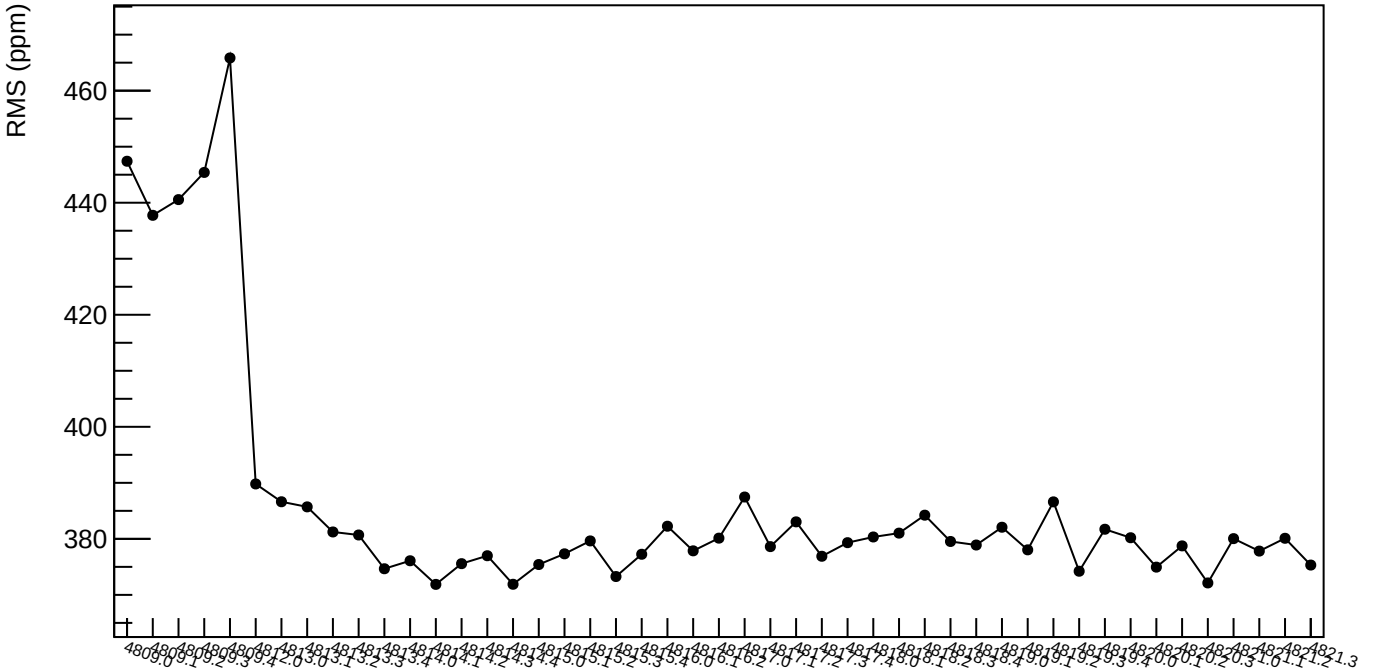
corr_us_avg_evMon11 RMS (ppm)

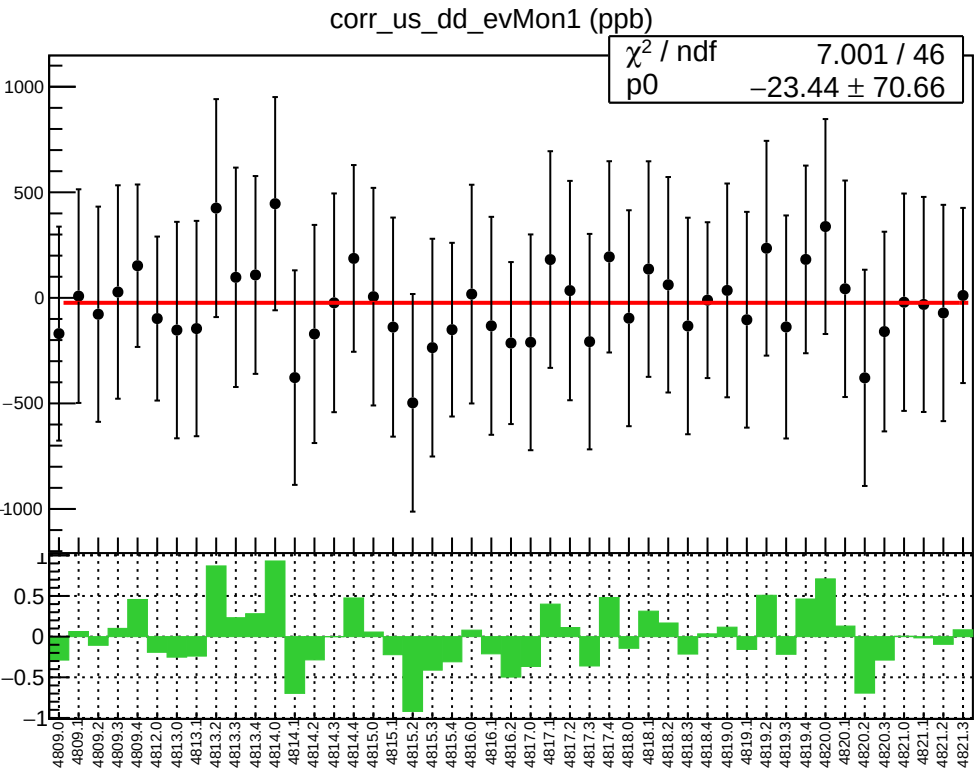


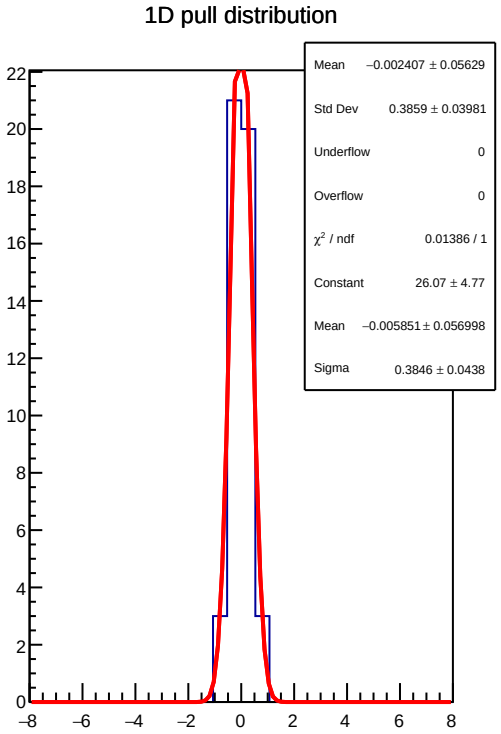

corr_us_dd_evMon0 (ppb)
χ² / ndf 24.88 / 46
p0 1808 ± 695.4
15000
10000
5000
0
−5000
−10000
1.5
1
0.5
0
−0.5
−1
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.01727 ± 0.1061
Std Dev 0.7274 ± 0.07503
Underflow 0
Overflow 0
χ² / ndf 5.086 / 4
Constant 12.98 ± 2.48
Mean −0.09367 ± 0.11271
Sigma 0.6966 ± 0.0850
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

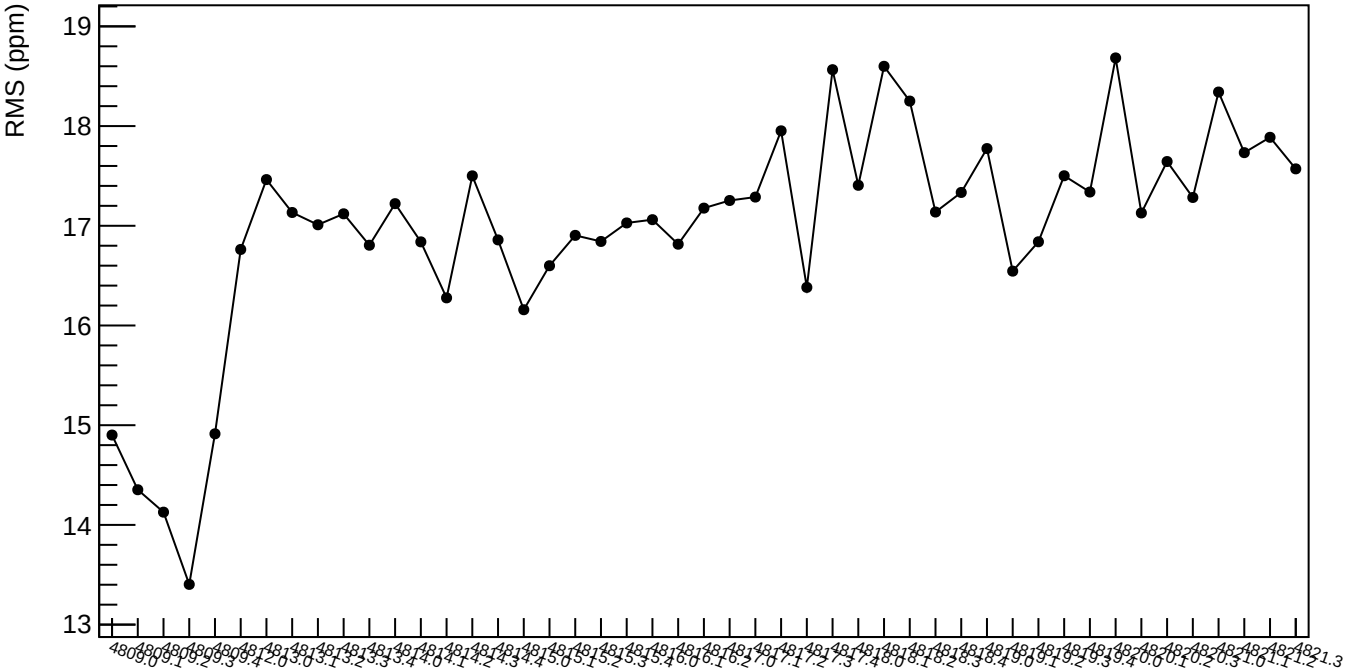
corr_us_dd_evMon0 RMS (ppm)

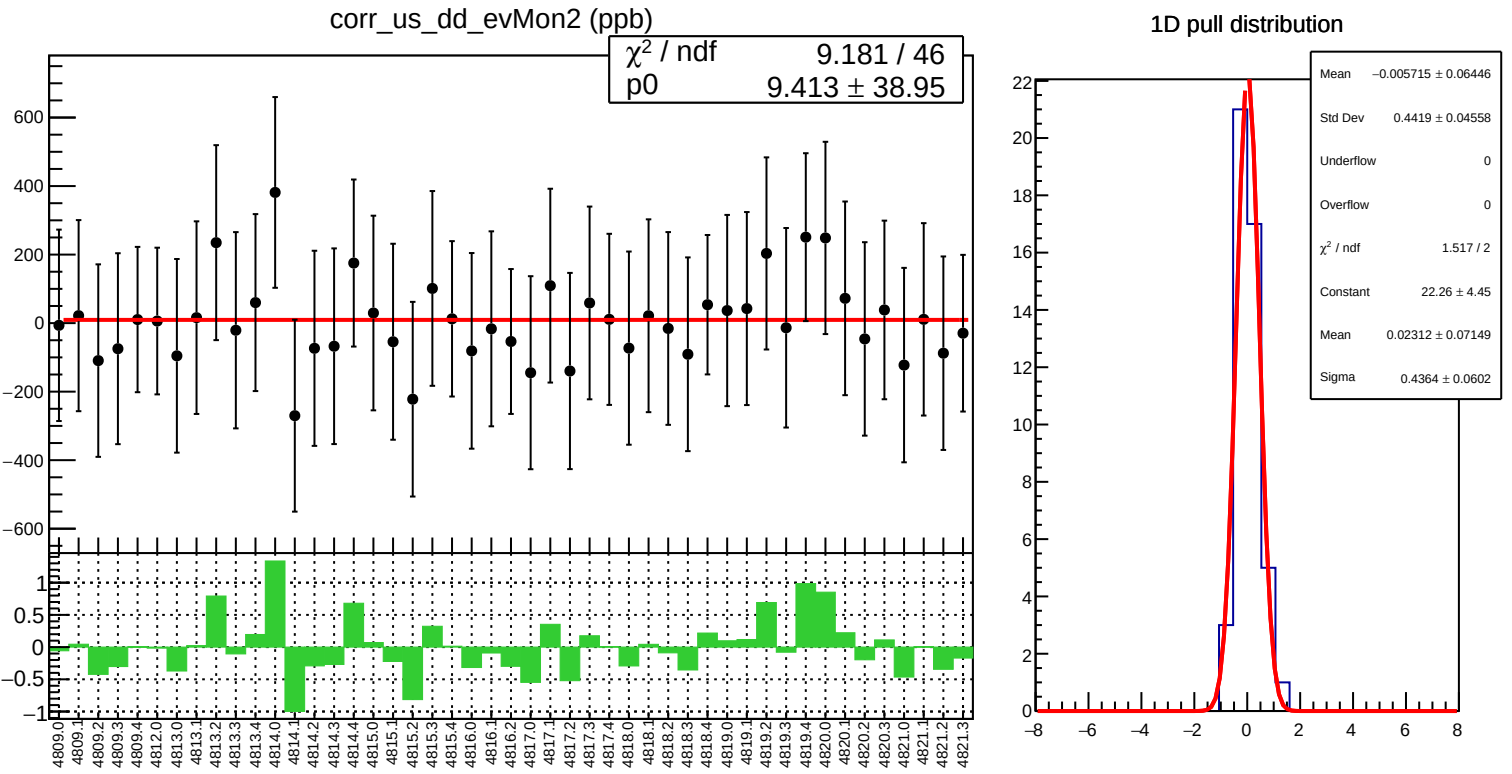



corr_us_dd_evMon1 (ppb)
χ² / ndf 7.001 / 46
p0 −23.44 ± 70.66
1000
500
0
−500
−1000
1
0.5
0
−0.5
−1
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

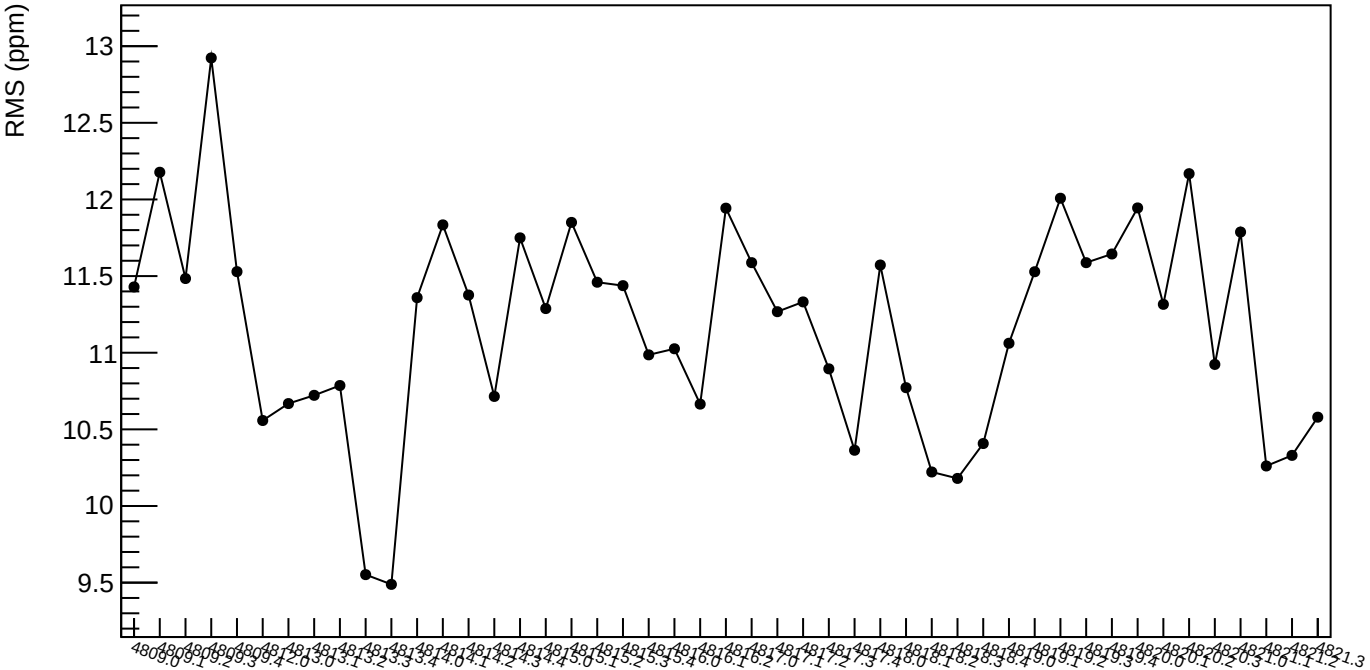

1D pull distribution
Mean −0.002407 ± 0.05629
Std Dev 0.3859 ± 0.03981
Underflow 0
Overflow 0
χ² / ndf 0.01386 / 1
Constant 26.07 ± 4.77
Mean −0.005851 ± 0.056998
Sigma 0.3846 ± 0.0438
22
20
18
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

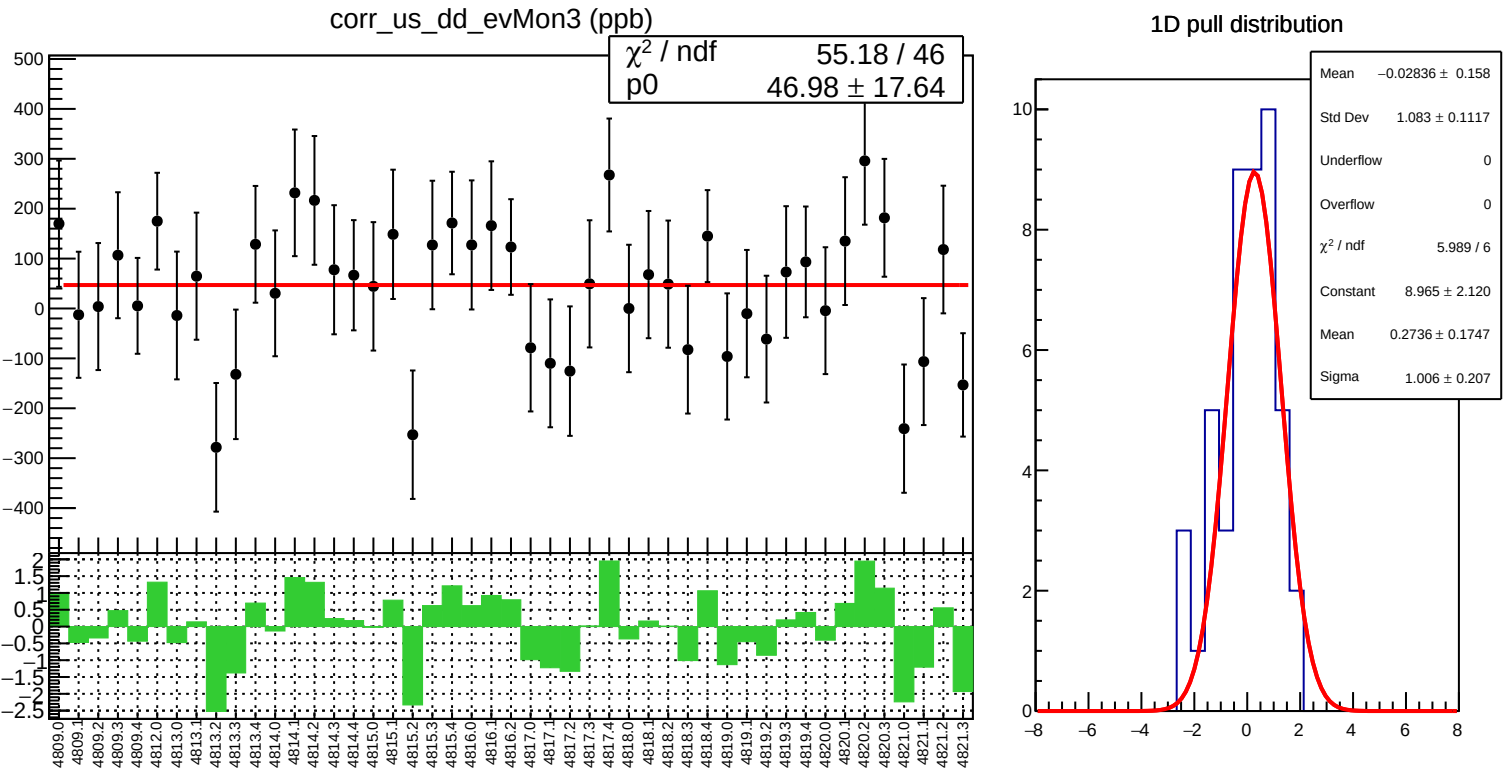
corr_us_dd_evMon1 RMS (ppm)



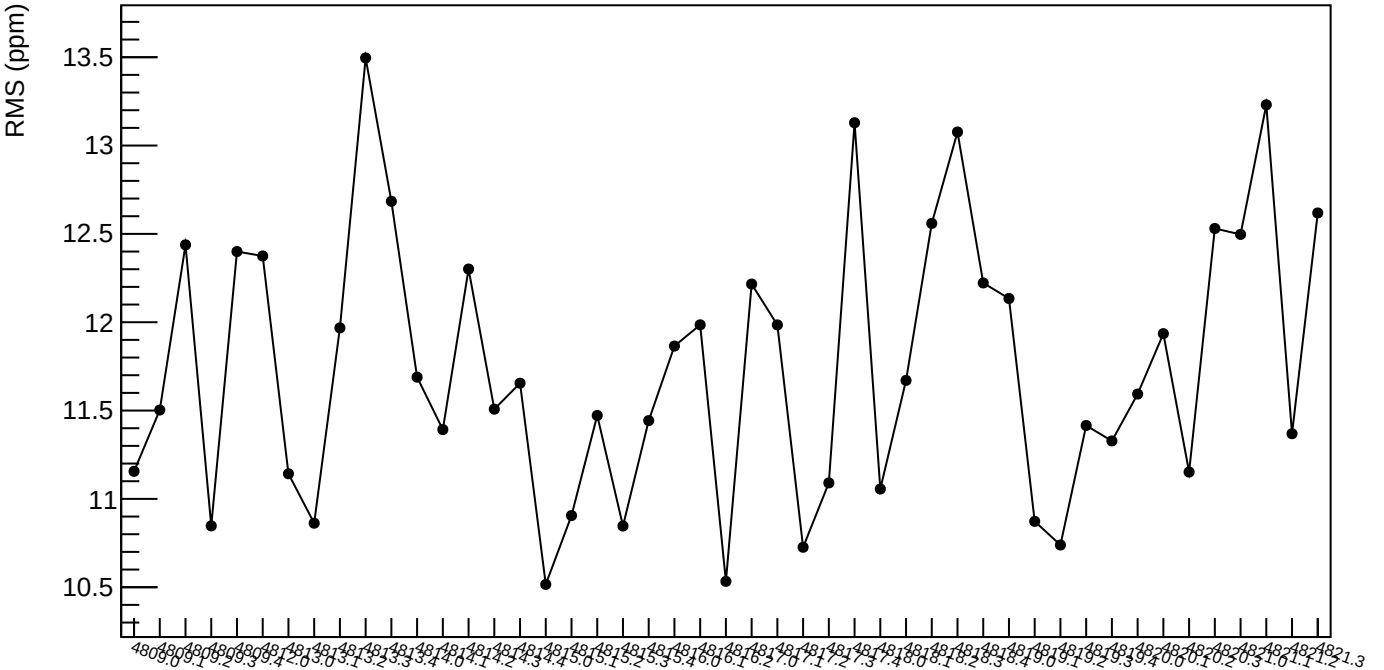

corr_us_dd_evMon2 (ppb)
χ² / ndf 9.181 / 46
p0 9.413 ± 38.95
1D pull distribution
Mean −0.005715 ± 0.06446
Std Dev 0.4419 ± 0.04558
Underflow 0
Overflow 0
χ² / ndf 1.517 / 2
Constant 22.26 ± 4.45
Mean 0.02312 ± 0.07149
Sigma 0.4364 ± 0.0602

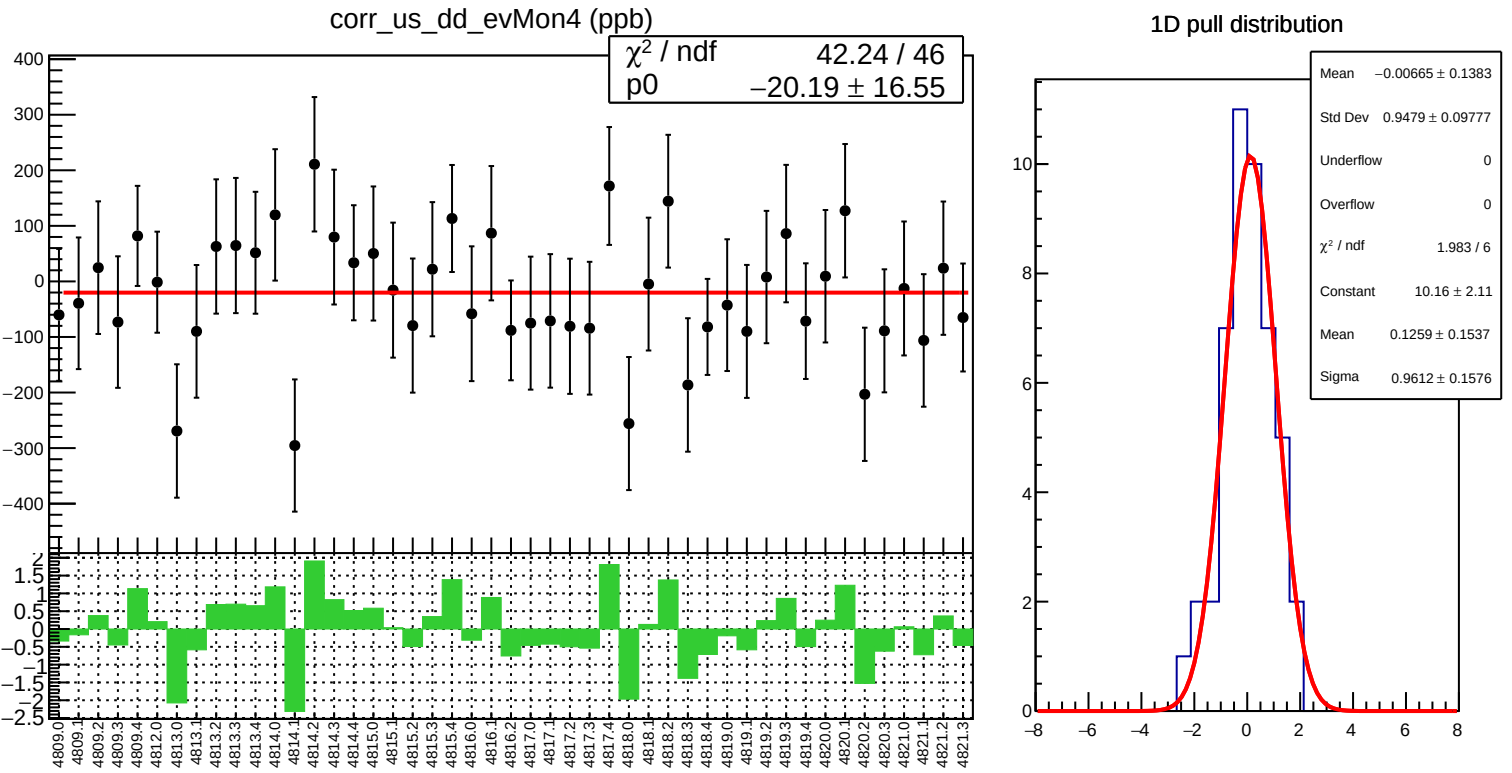
corr_us_dd_evMon2 RMS (ppm)



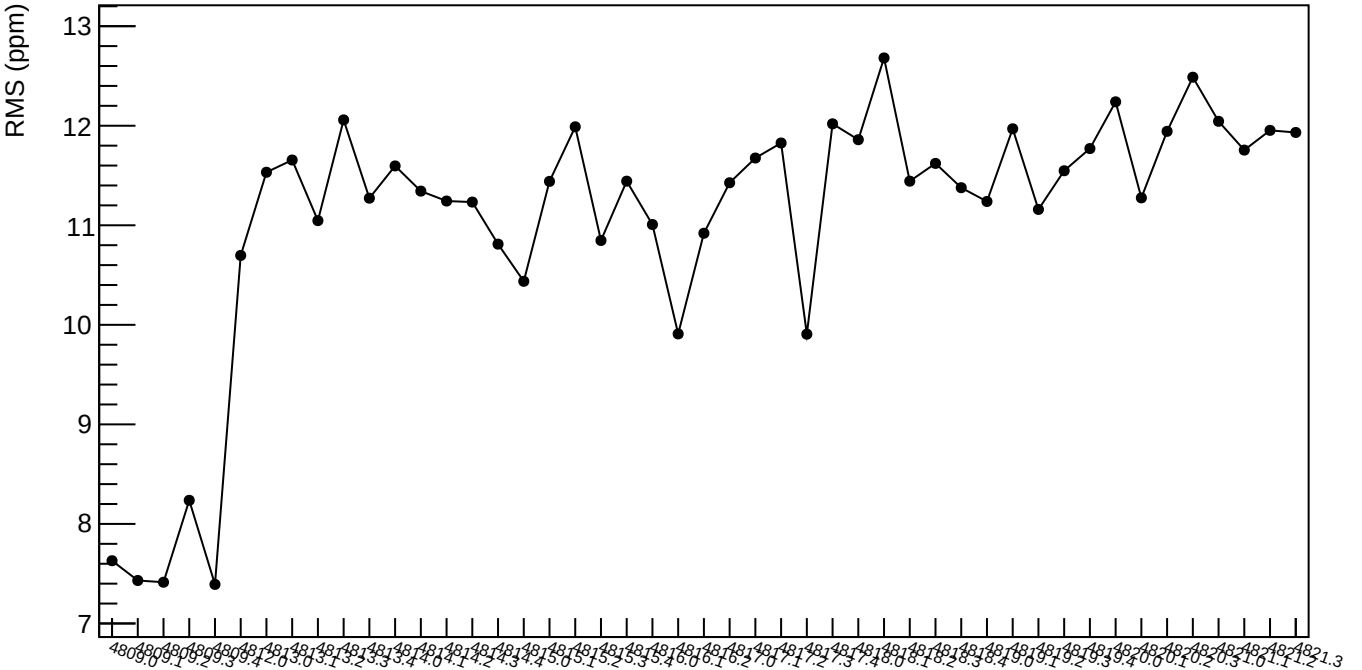

corr_us_dd_evMon3 (ppb)
χ² / ndf 55.18 / 46
p0 46.98 ± 17.64
1D pull distribution
Mean −0.02836 ± 0.158
Std Dev 1.083 ± 0.1117
Underflow 0
Overflow 0
χ² / ndf 5.989 / 6
Constant 8.965 ± 2.120
Mean 0.2736 ± 0.1747
Sigma 1.006 ± 0.207

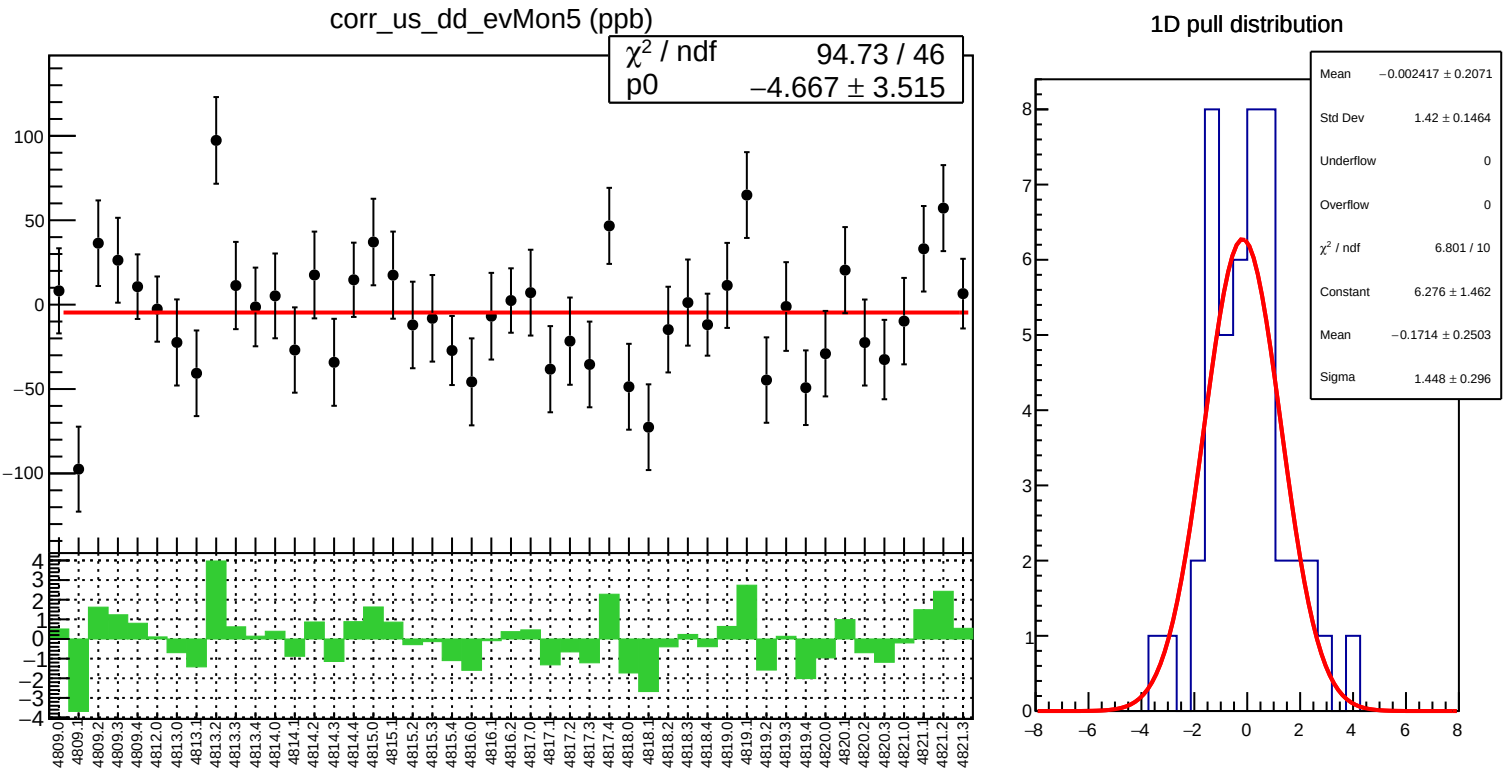
corr_us_dd_evMon3 RMS (ppm)



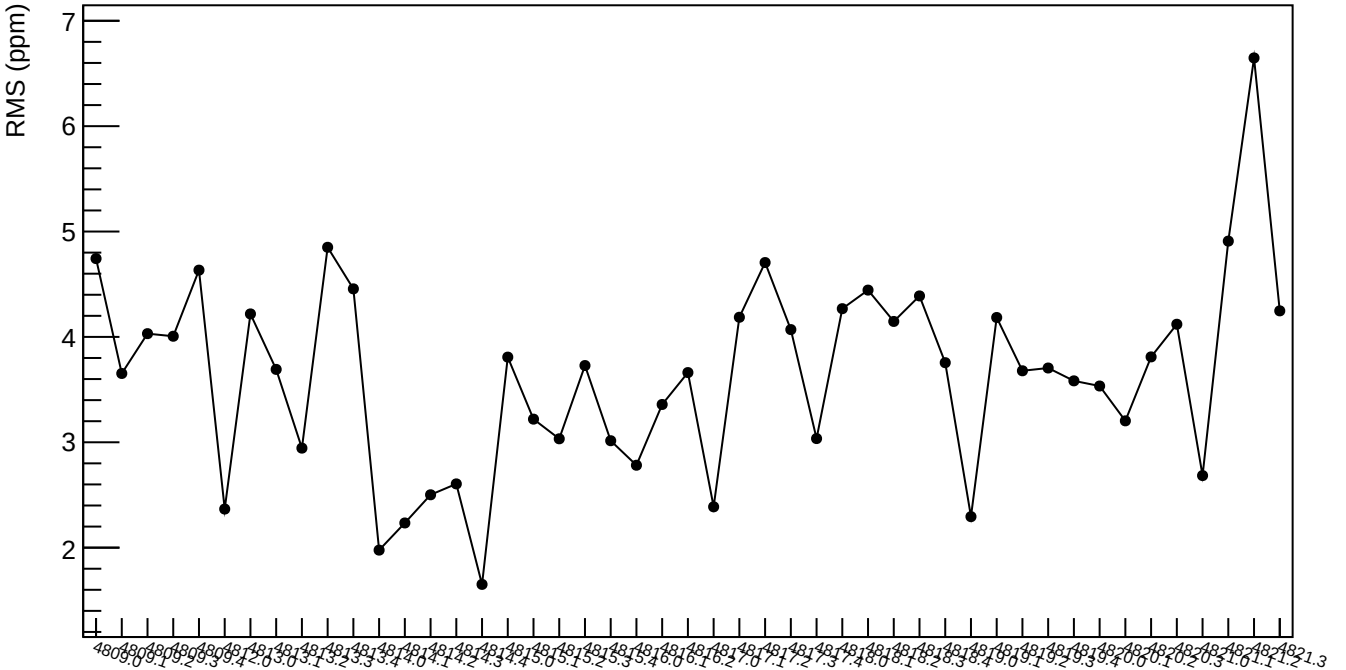

corr_us_dd_evMon4 (ppb)
χ² / ndf 42.24 / 46
p0 −20.19 ± 16.55
1D pull distribution
Mean −0.00665 ± 0.1383
Std Dev 0.9479 ± 0.09777
Underflow 0
Overflow 0
χ² / ndf 1.983 / 6
Constant 10.16 ± 2.11
Mean 0.1259 ± 0.1537
Sigma 0.9612 ± 0.1576

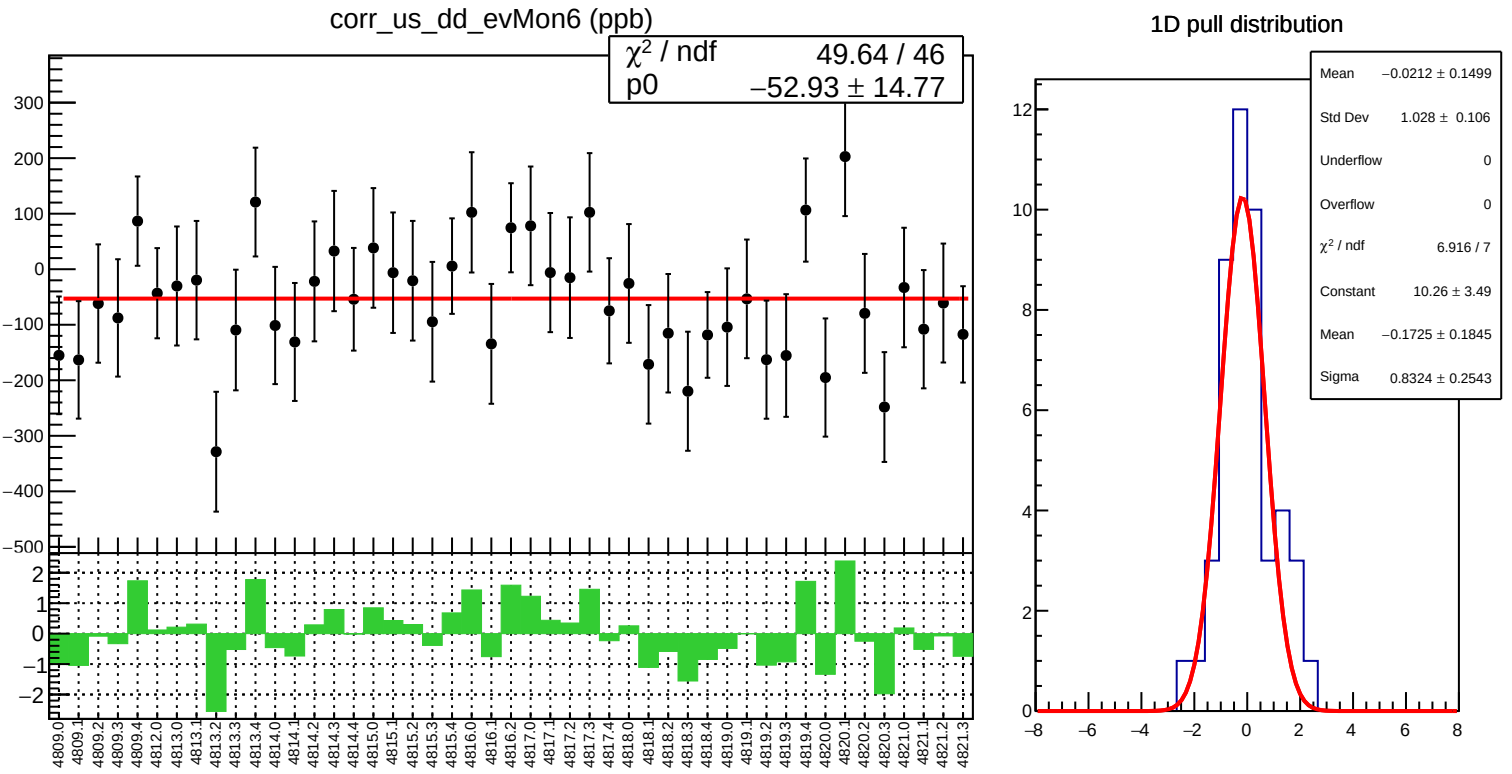
corr_us_dd_evMon4 RMS (ppm)



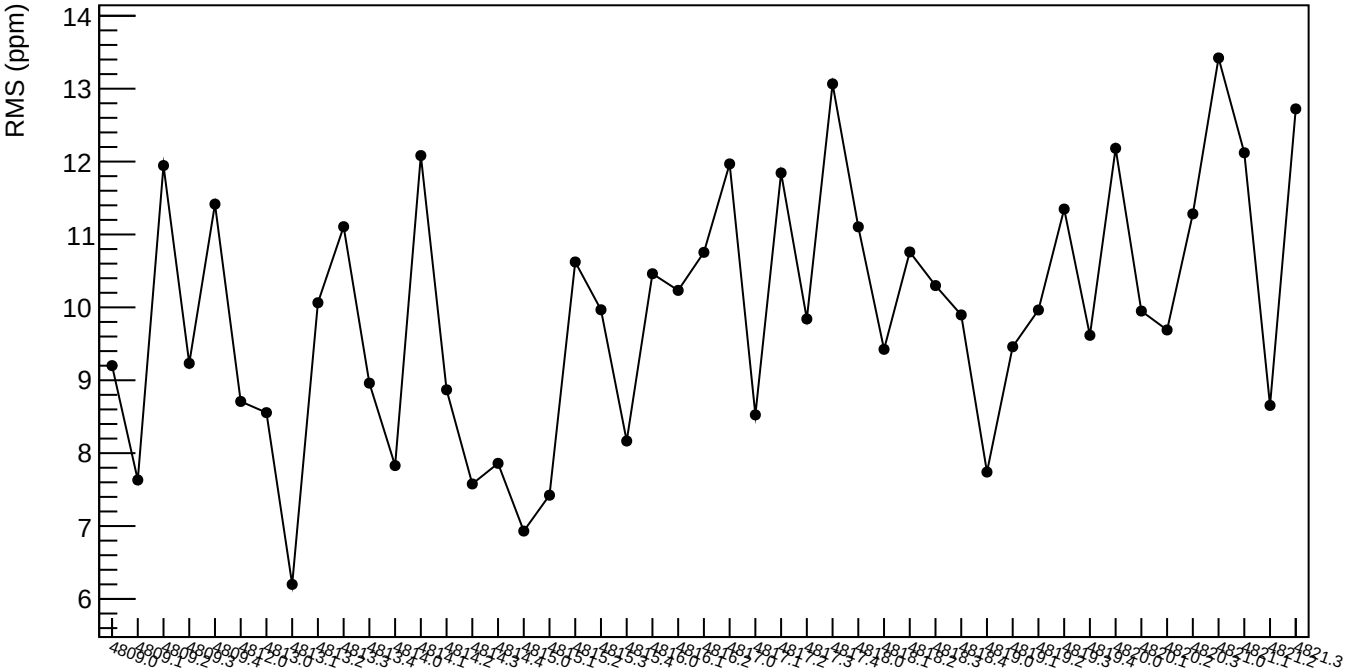

corr_us_dd_evMon5 (ppb)
χ² / ndf 94.73 / 46
p0 −4.667 ± 3.515
1D pull distribution
Mean −0.002417 ± 0.2071
Std Dev 1.42 ± 0.1464
Underflow 0
Overflow 0
χ² / ndf 6.801 / 10
Constant 6.276 ± 1.462
Mean −0.1714 ± 0.2503
Sigma 1.448 ± 0.296

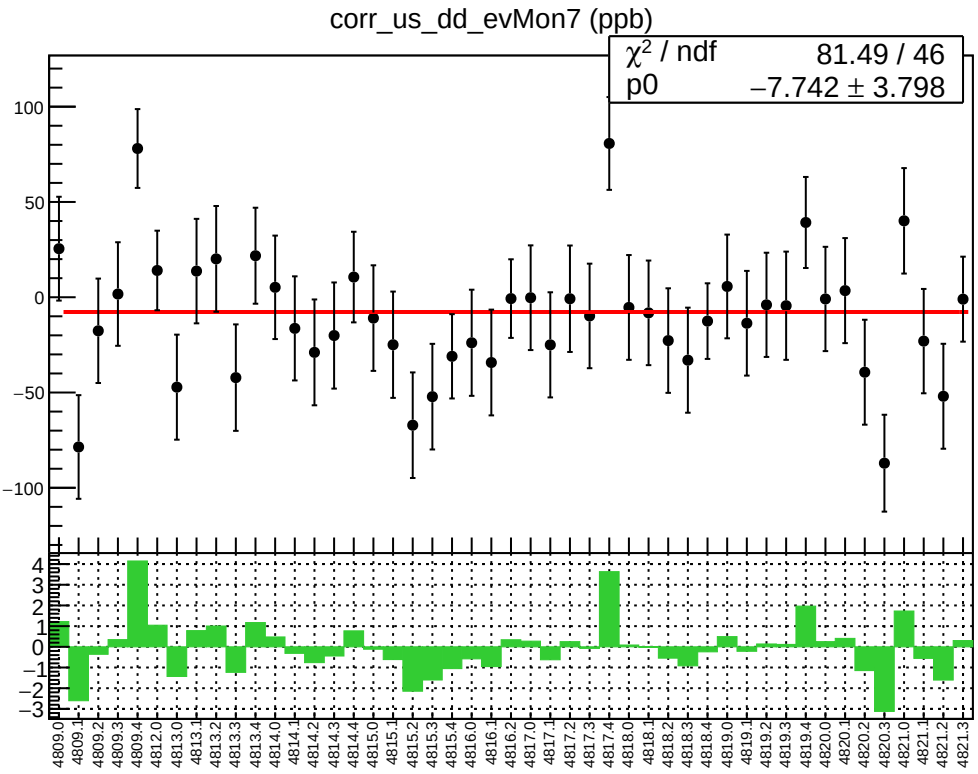
corr_us_dd_evMon5 RMS (ppm)

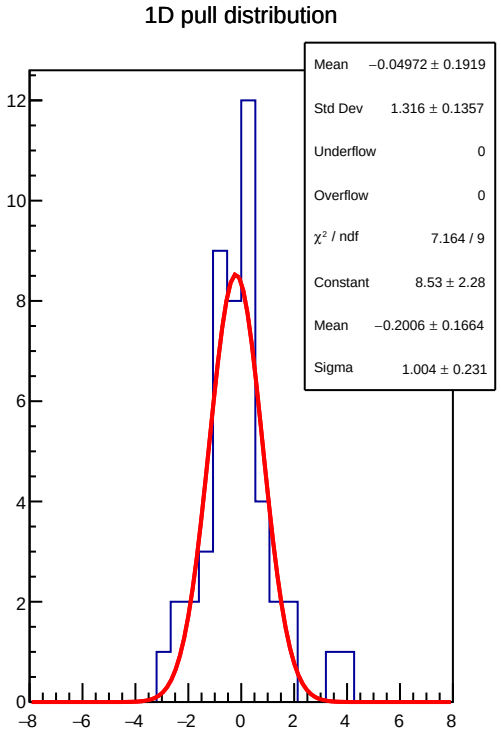



corr_us_dd_evMon6 (ppb)
χ² / ndf 49.64 / 46
p0 −52.93 ± 14.77
residual
1D pull distribution
Mean −0.0212 ± 0.1499
Std Dev 1.028 ± 0.106
Underflow 0
Overflow 0
χ² / ndf 6.916 / 7
Constant 10.26 ± 3.49
Mean −0.1725 ± 0.1845
Sigma 0.8324 ± 0.2543

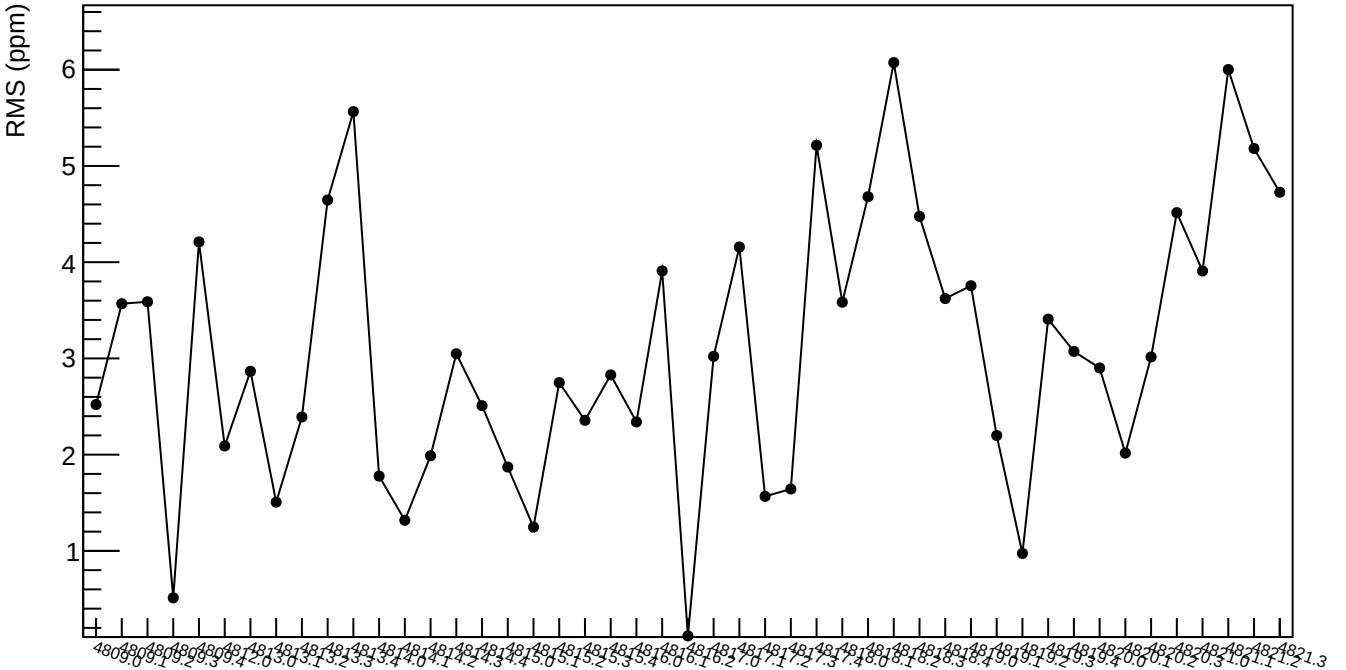
corr_us_dd_evMon6 RMS (ppm)

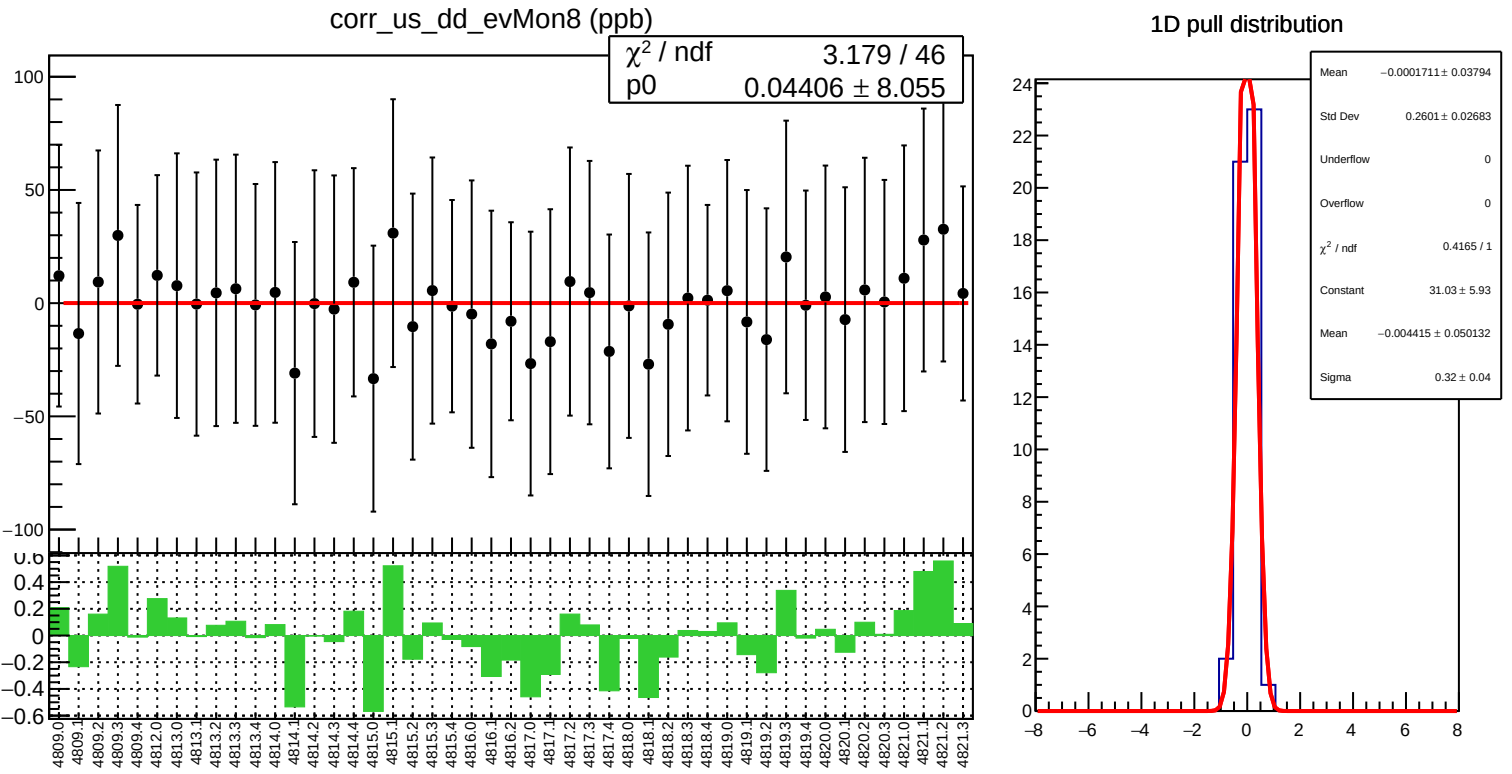



corr_us_dd_evMon7 (ppb)
χ² / ndf 81.49 / 46
p0 −7.742 ± 3.798
100
50
0
−50
−100
4
3
2
1
0
−1
−2
−3
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

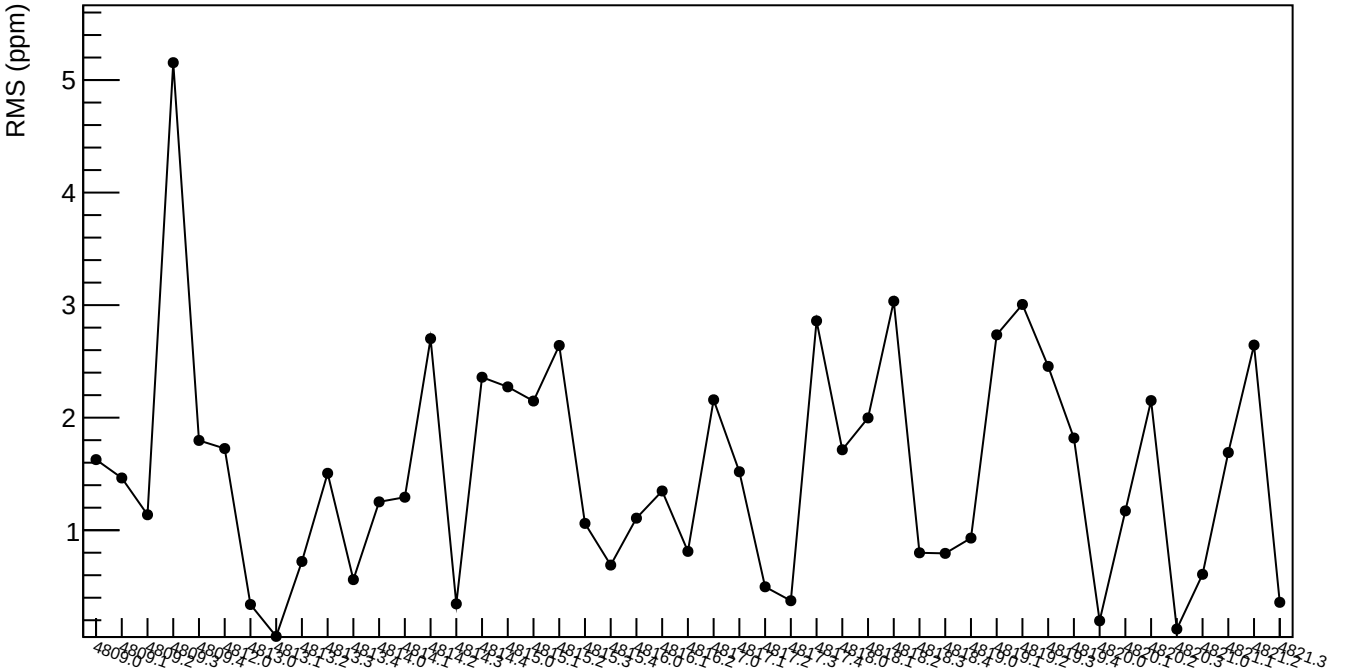

1D pull distribution
Mean −0.04972 ± 0.1919
Std Dev 1.316 ± 0.1357
Underflow 0
Overflow 0
χ² / ndf 7.164 / 9
Constant 8.53 ± 2.28
Mean −0.2006 ± 0.1664
Sigma 1.004 ± 0.231
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

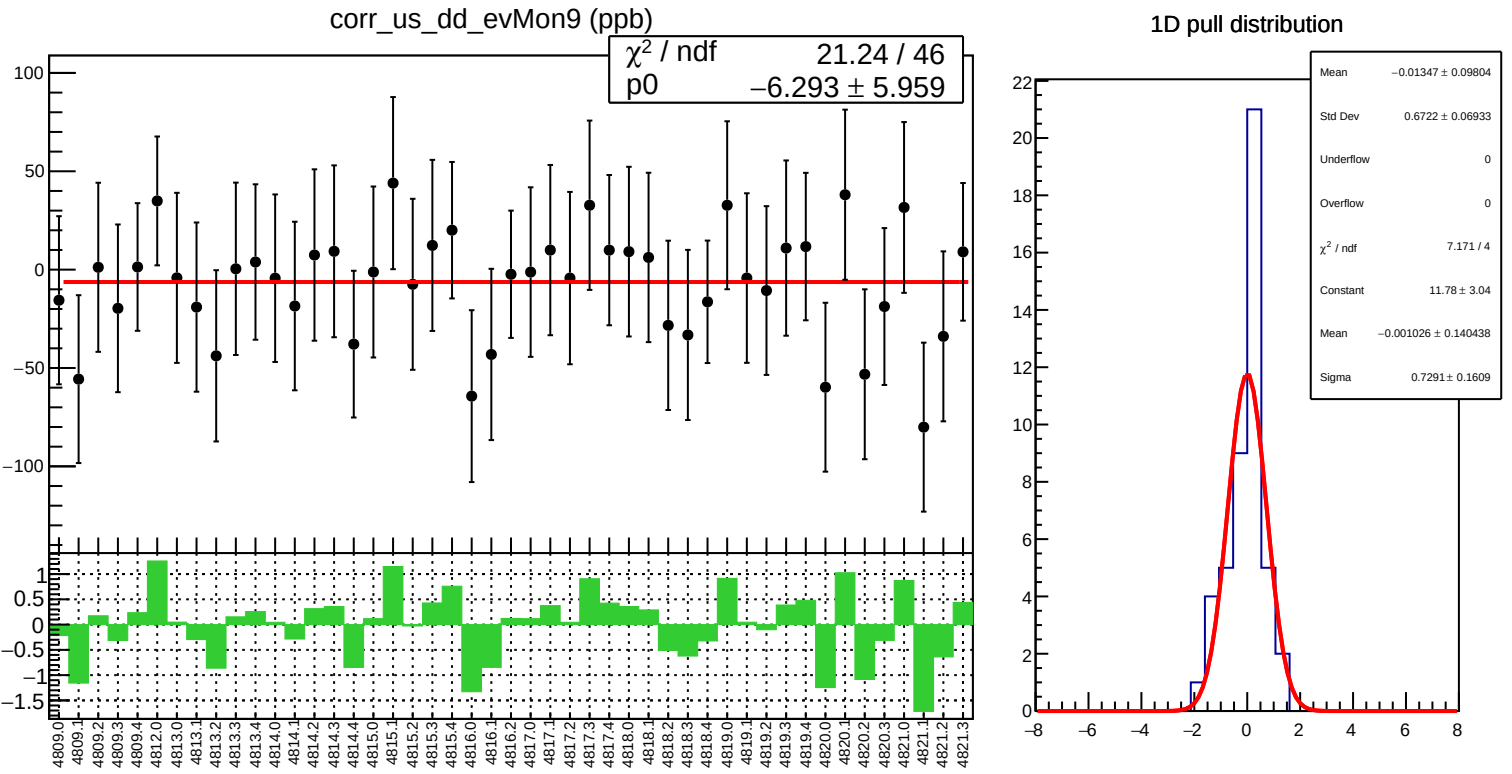
corr_us_dd_evMon7 RMS (ppm)



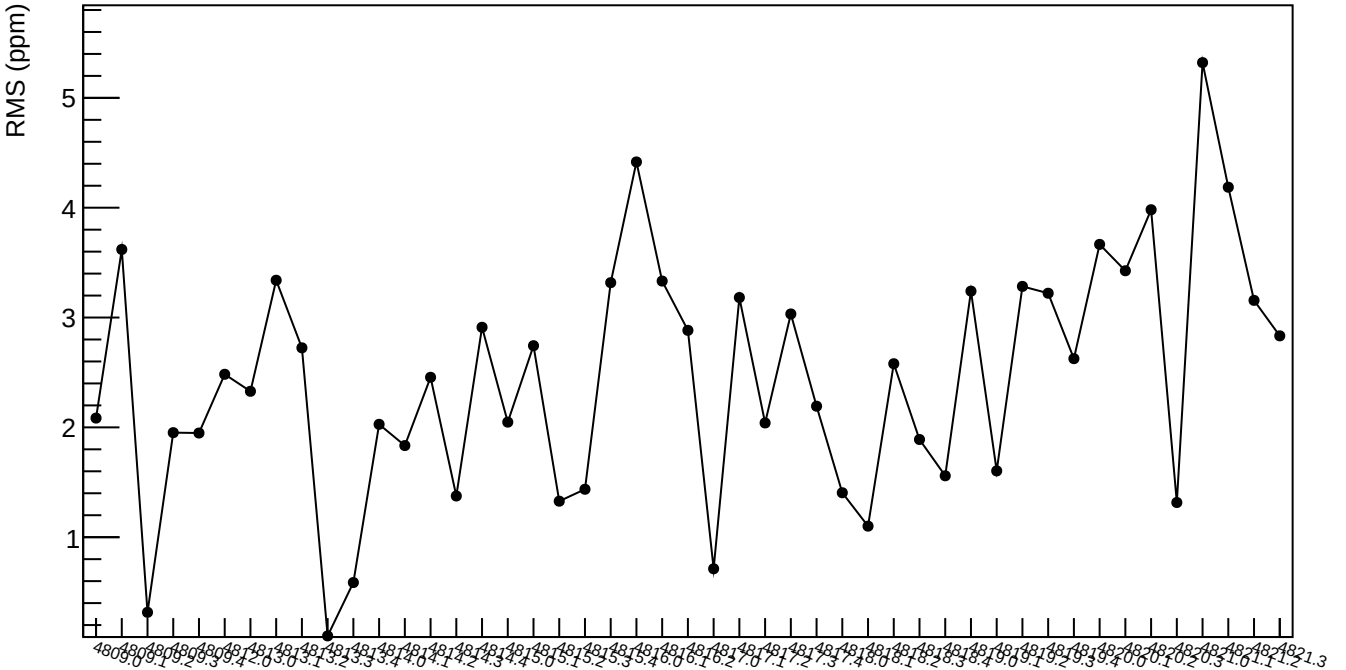

corr_us_dd_evMon8 (ppb)
χ² / ndf 3.179 / 46
p0 0.04406 ± 8.055
1D pull distribution
Mean −0.0001711 ± 0.03794
Std Dev 0.2601 ± 0.02683
Underflow 0
Overflow 0
χ² / ndf 0.4165 / 1
Constant 31.03 ± 5.93
Mean −0.004415 ± 0.050132
Sigma 0.32 ± 0.04

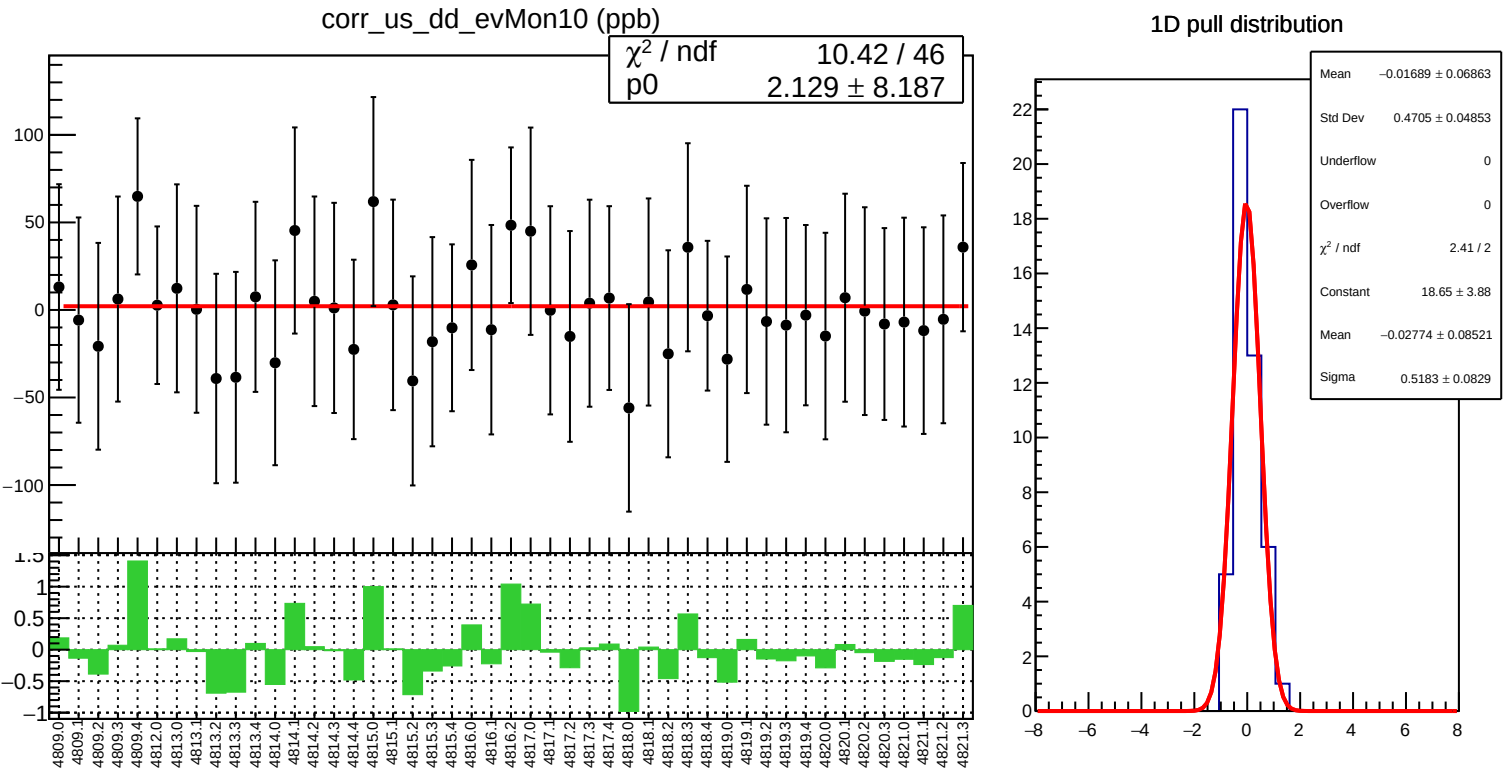
corr_us_dd_evMon8 RMS (ppm)

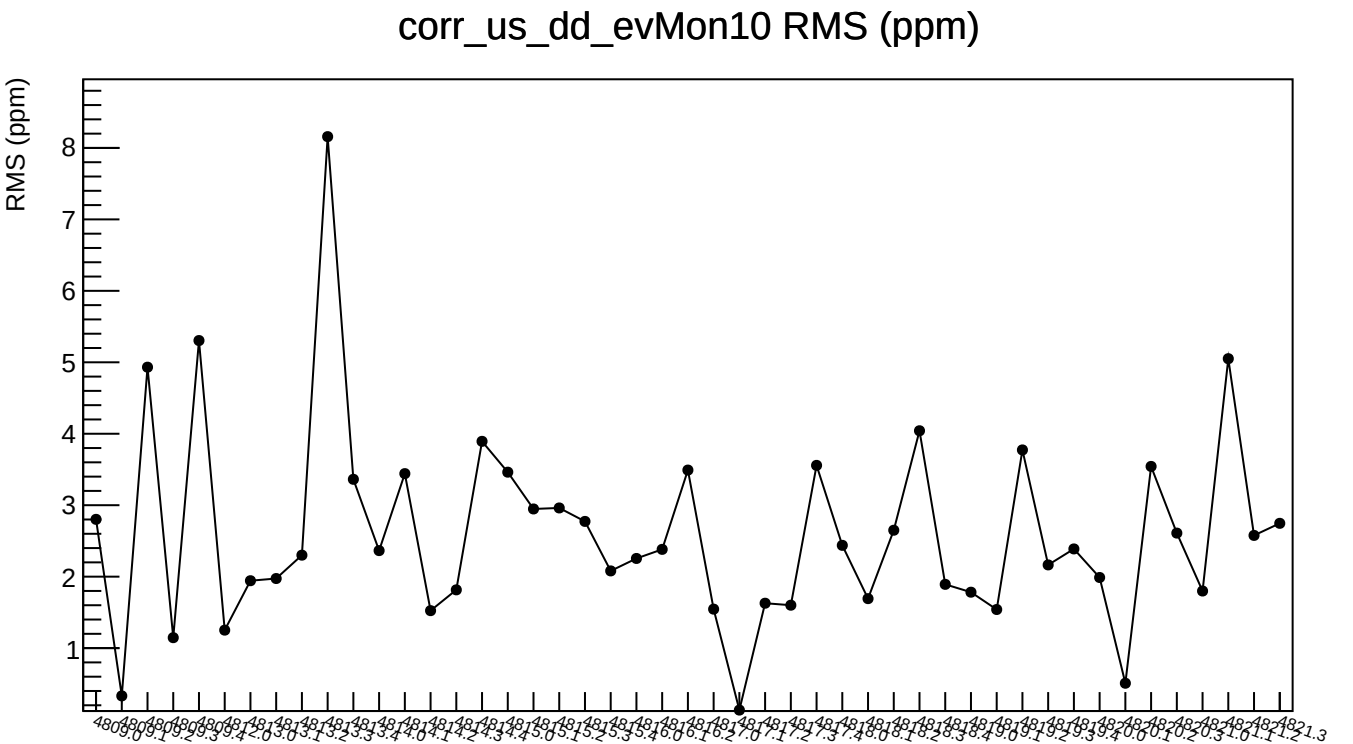


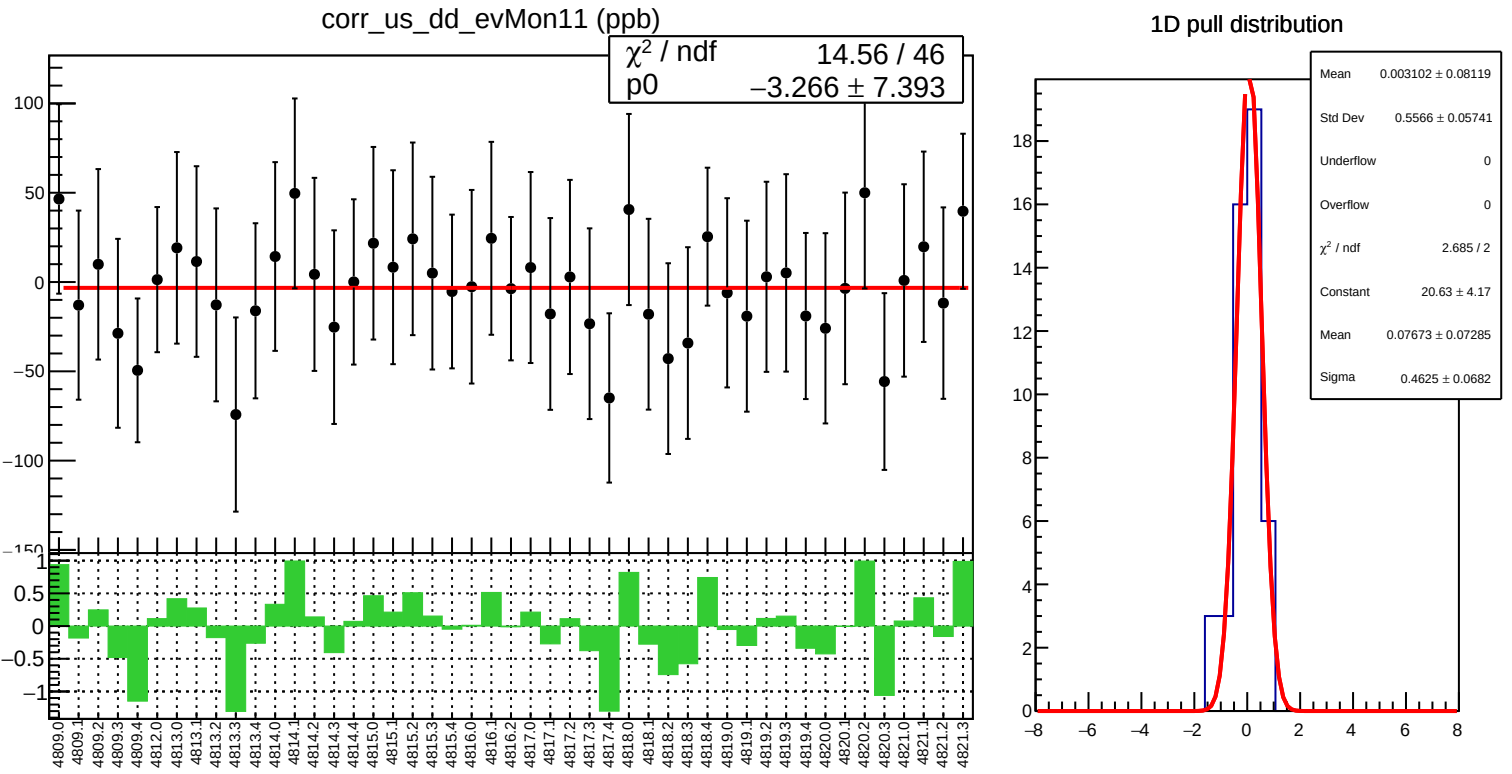

corr_us_dd_evMon9 (ppb)
χ^2 / ndf 21.24 / 46
p0 −6.293 ± 5.959
1D pull distribution
Mean −0.01347 ± 0.09804
Std Dev 0.6722 ± 0.06933
Underflow 0
Overflow 0
χ^2 / ndf 7.171 / 4
Constant 11.78 ± 3.04
Mean −0.001026 ± 0.140438
Sigma 0.7291 ± 0.1609

corr_us_dd_evMon9 RMS (ppm)

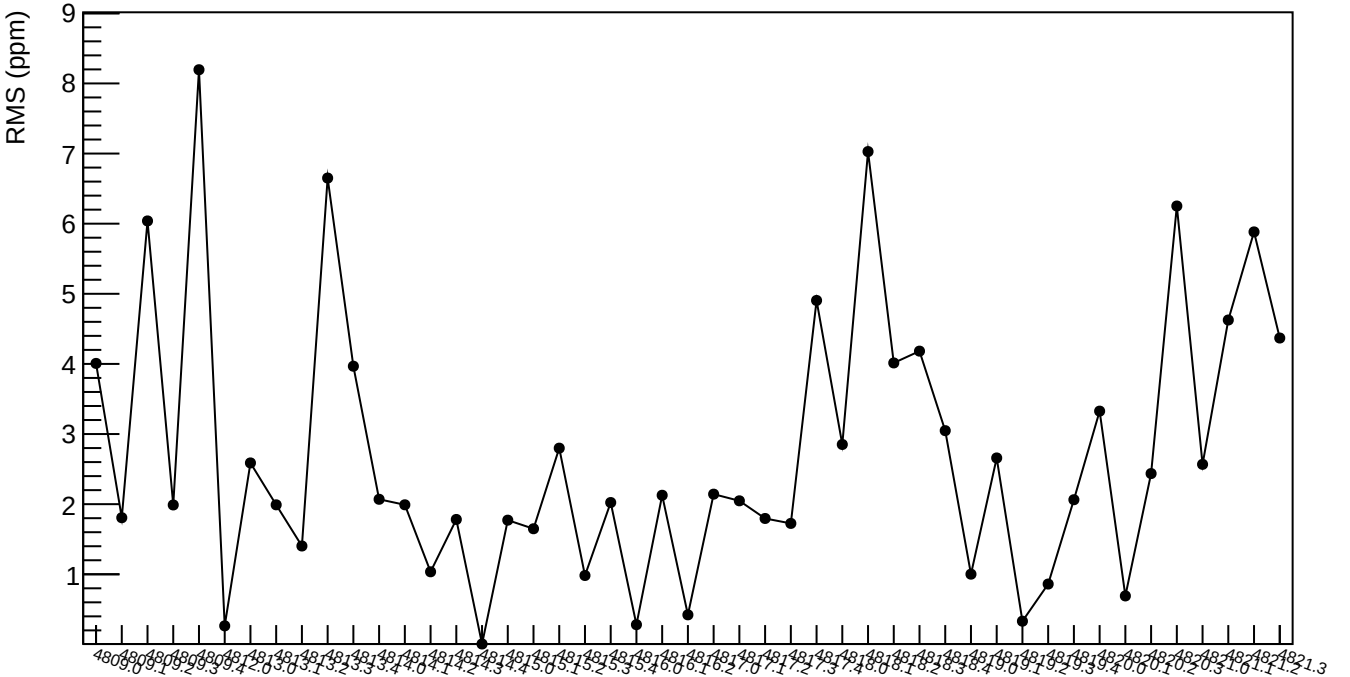


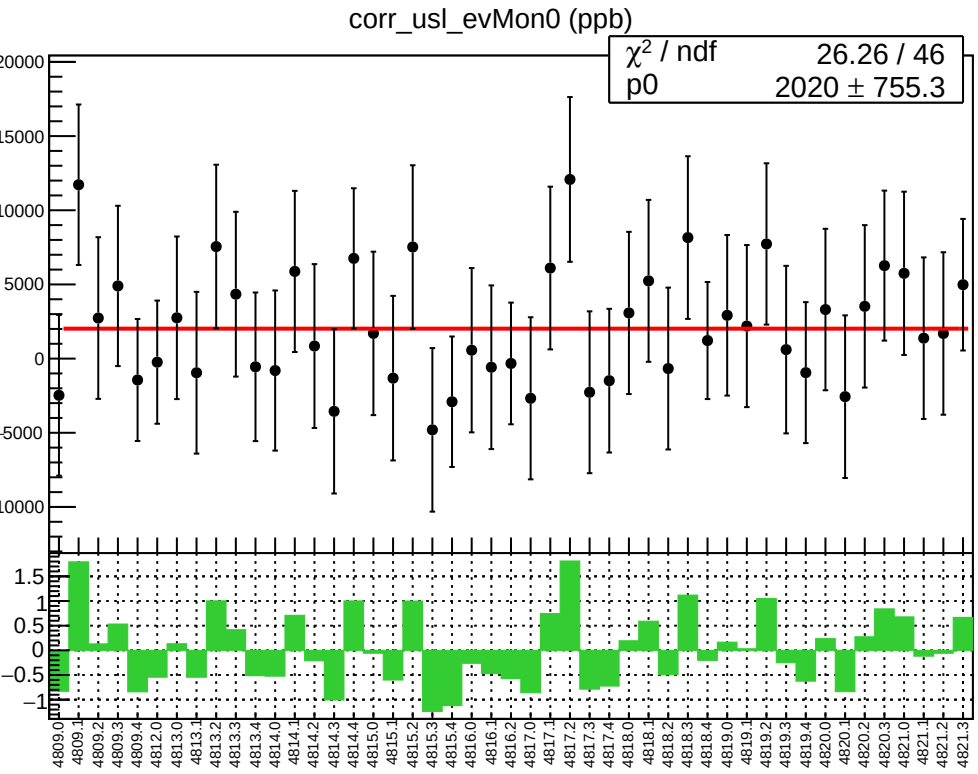

corr_us_dd_evMon10 (ppb)
χ² / ndf 10.42 / 46
p0 2.129 ± 8.187
1D pull distribution
Mean −0.01689 ± 0.06863
Std Dev 0.4705 ± 0.04853
Underflow 0
Overflow 0
χ² / ndf 2.41 / 2
Constant 18.65 ± 3.88
Mean −0.02774 ± 0.08521
Sigma 0.5183 ± 0.0829

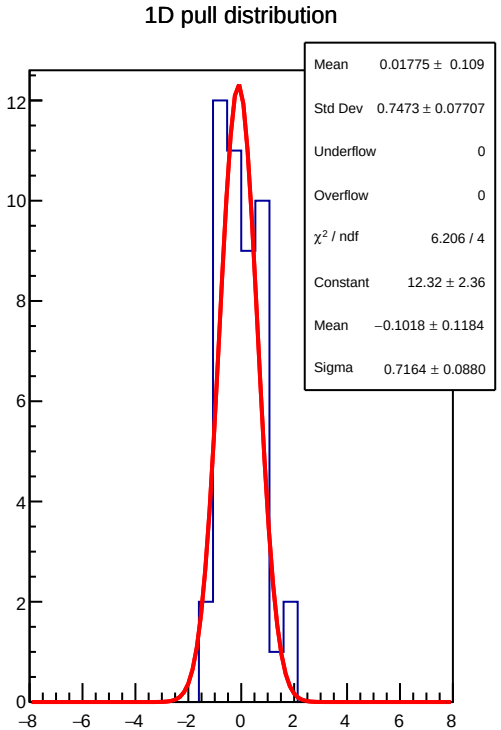

corr_us_dd_evMon10 RMS (ppm)
RMS (ppm)
1
2
3
4
5
6
7
8


corr_us_dd_evMon11 (ppb)
χ² / ndf 14.56 / 46
p0 −3.266 ± 7.393
1D pull distribution
Mean 0.003102 ± 0.08119
Std Dev 0.5566 ± 0.05741
Underflow 0
Overflow 0
χ² / ndf 2.685 / 2
Constant 20.63 ± 4.17
Mean 0.07673 ± 0.07285
Sigma 0.4625 ± 0.0682

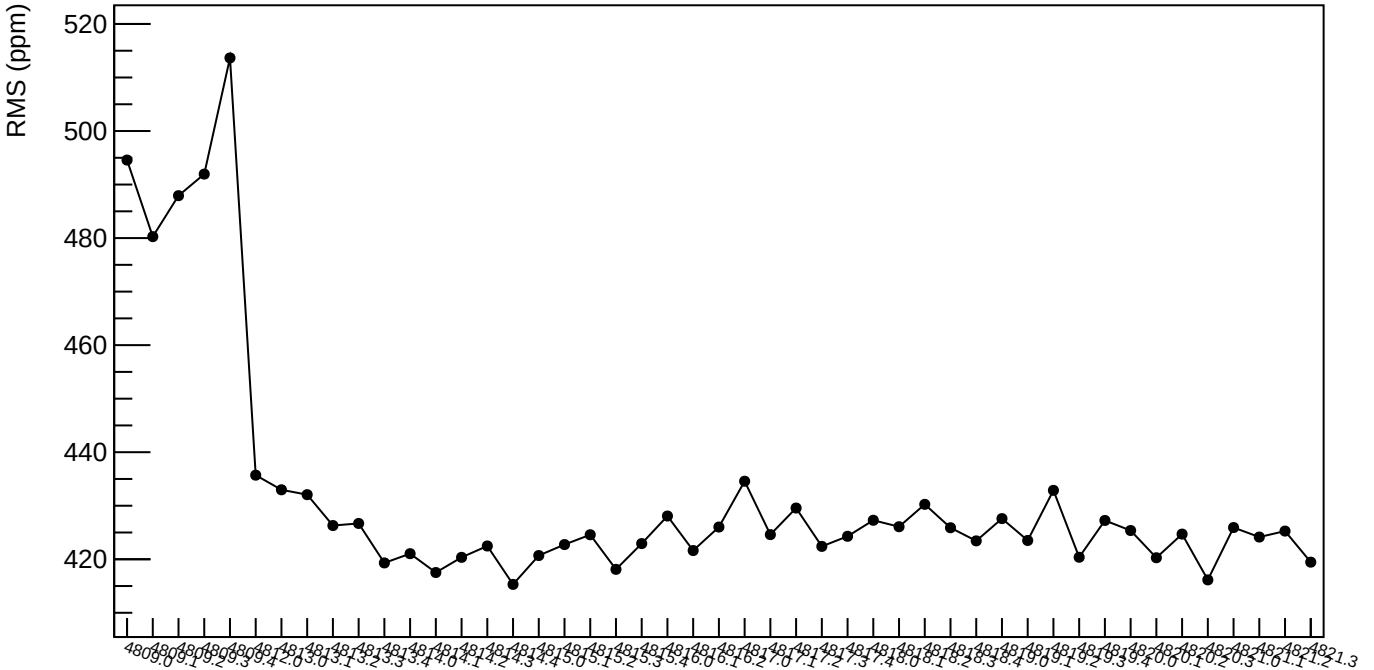
corr_us_dd_evMon11 RMS (ppm)

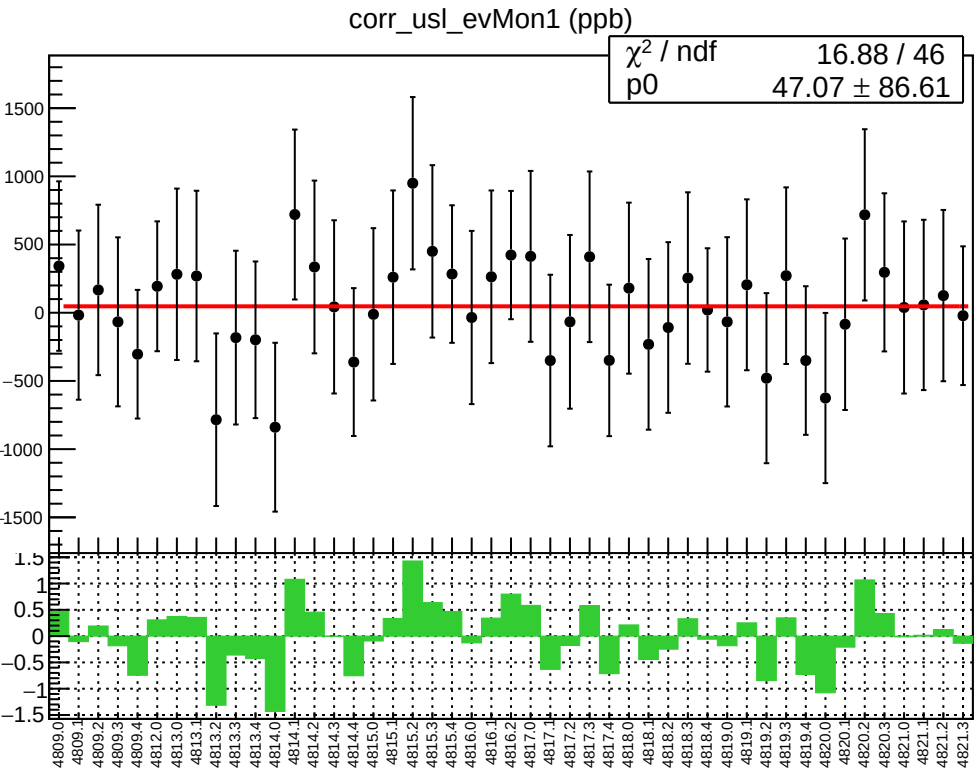


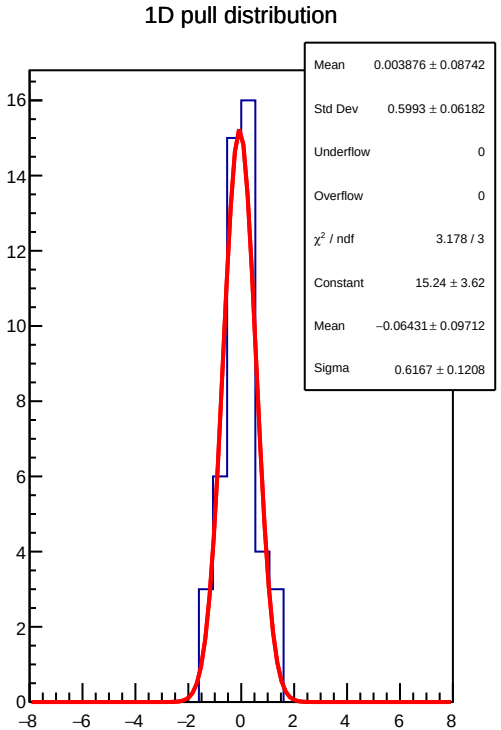

corr_usl_evMon0 (ppb)
χ² / ndf 26.26 / 46
p0 2020 ± 755.3
20000
15000
10000
5000
0
-5000
-10000
1.5
1
0.5
0
−0.5
−1
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.01775 ± 0.109
Std Dev 0.7473 ± 0.07707
Underflow 0
Overflow 0
χ² / ndf 6.206 / 4
Constant 12.32 ± 2.36
Mean −0.1018 ± 0.1184
Sigma 0.7164 ± 0.0880
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

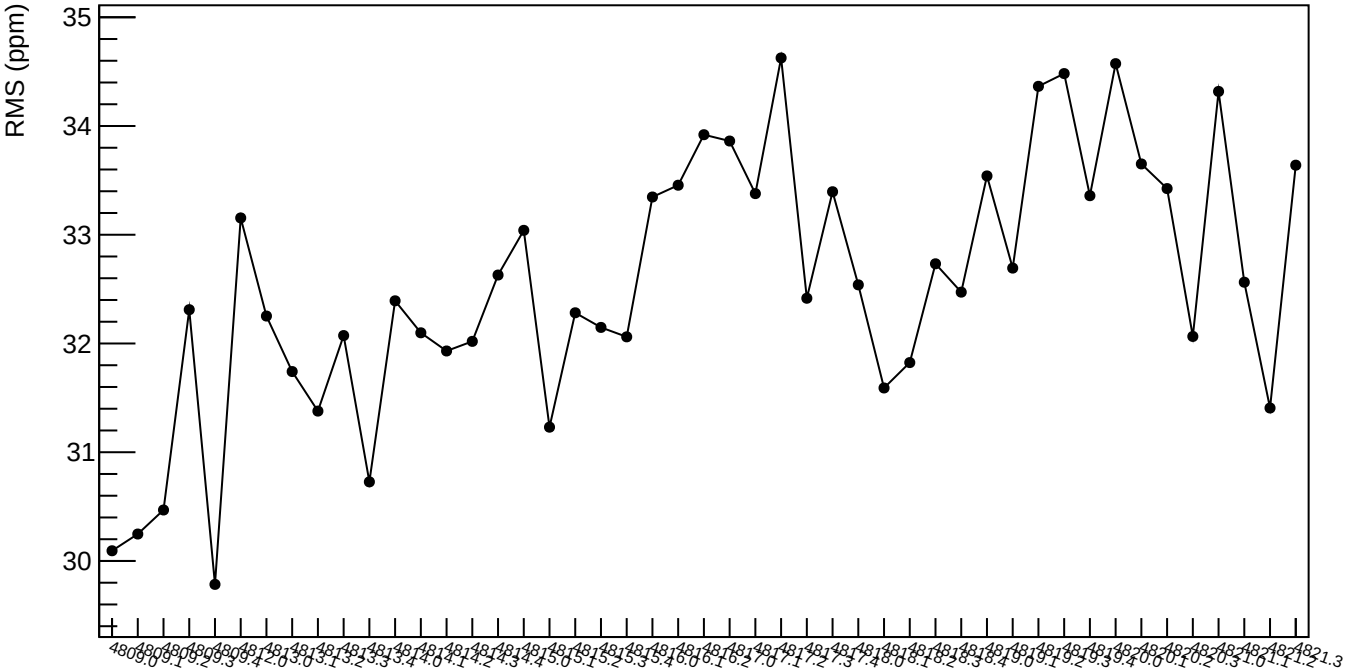
corr_usl_evMon0 RMS (ppm)

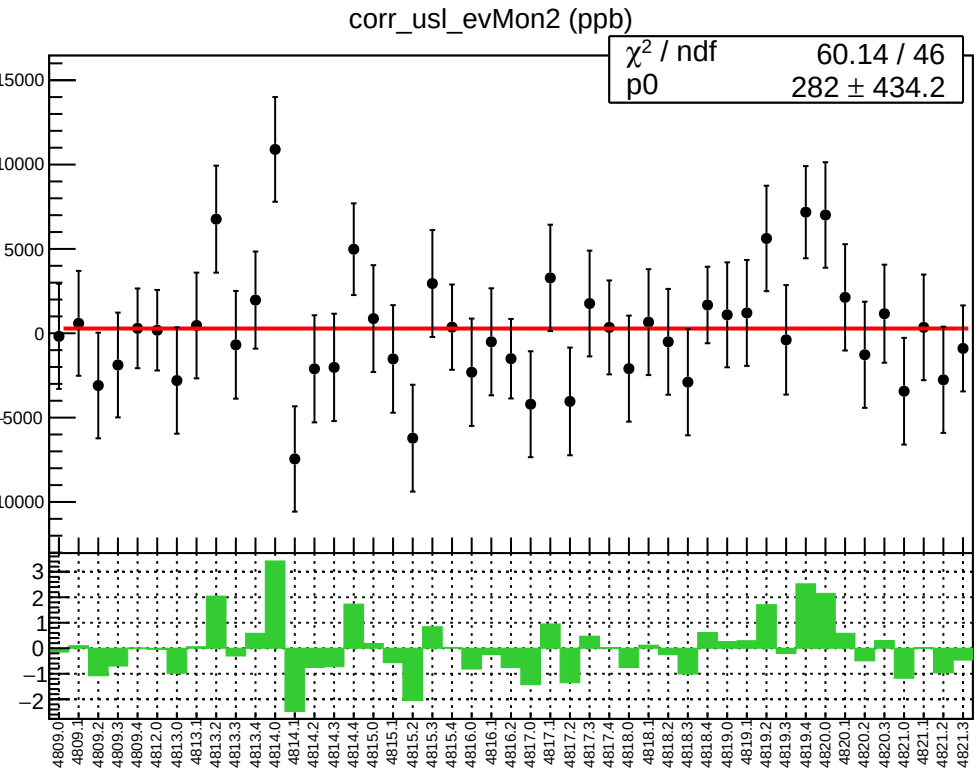


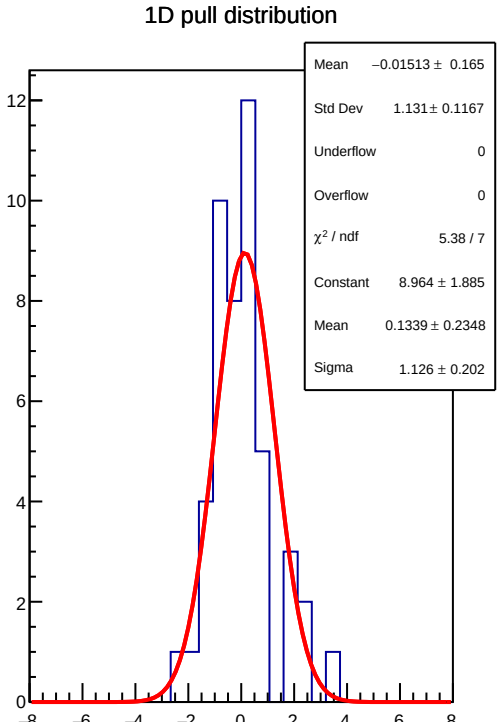

corr_usl_evMon1 (ppb)
χ² / ndf 16.88 / 46
p0 47.07 ± 86.61
1500
1000
500
0
−500
−1000
−1500
1.5
1
0.5
0
−0.5
−1
−1.5
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.003876 ± 0.08742
Std Dev 0.5993 ± 0.06182
Underflow 0
Overflow 0
χ² / ndf 3.178 / 3
Constant 15.24 ± 3.62
Mean −0.06431 ± 0.09712
Sigma 0.6167 ± 0.1208
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

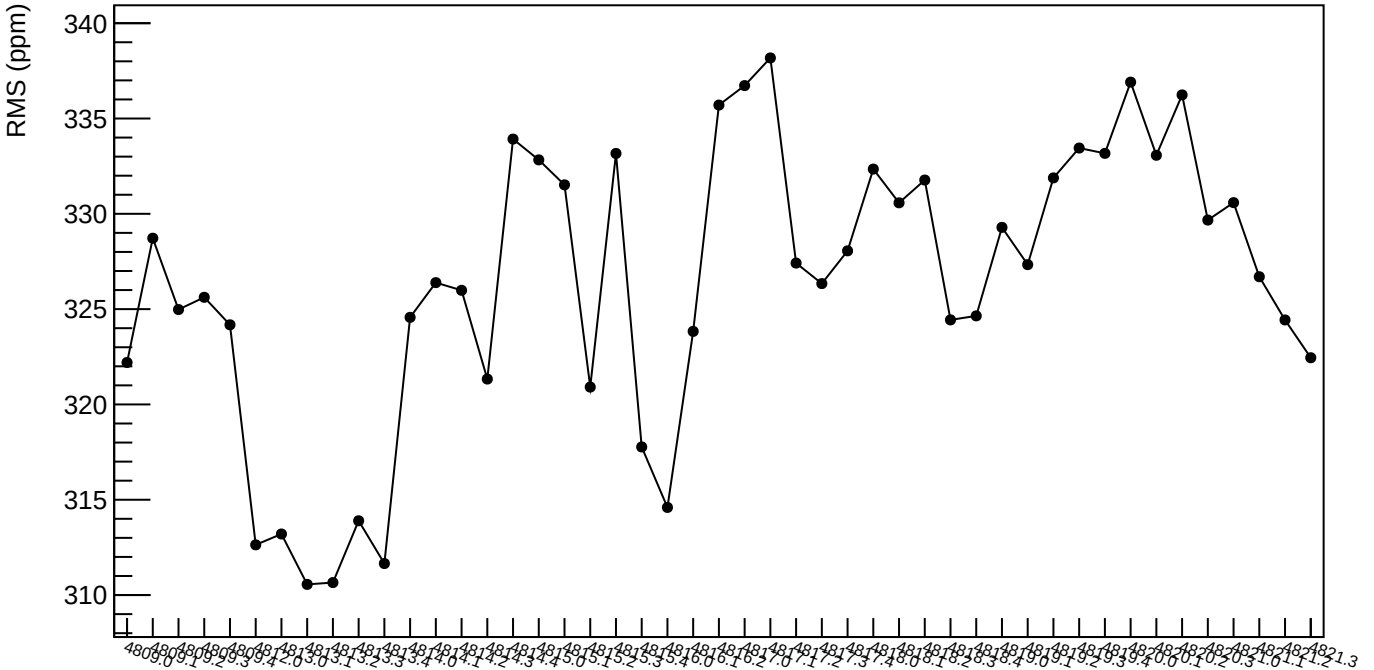
corr_usl_evMon1 RMS (ppm)

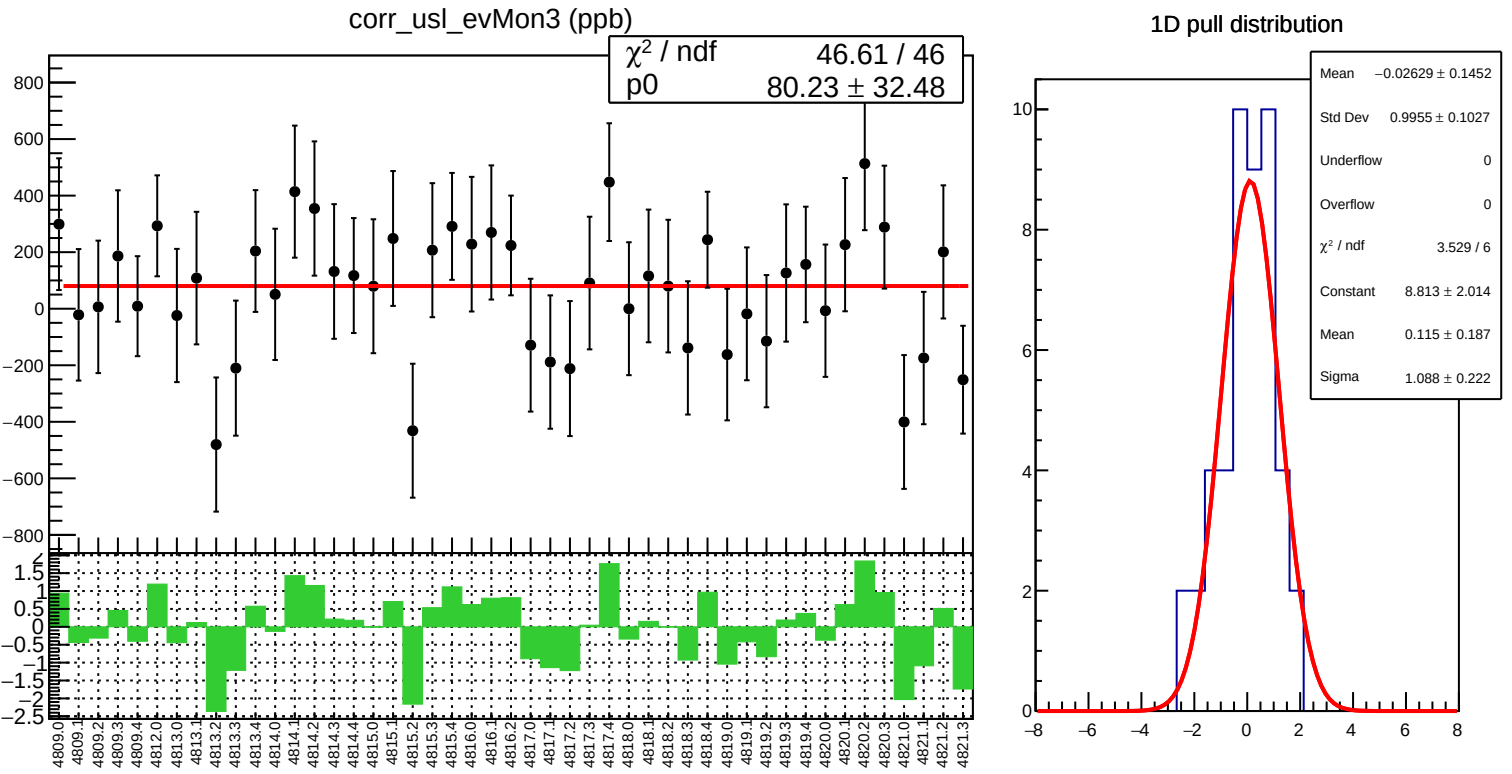



corr_usl_evMon2 (ppb)
χ² / ndf 60.14 / 46
p0 282 ± 434.2
15000
10000
5000
0
−5000
−10000
3
2
1
0
−1
−2
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

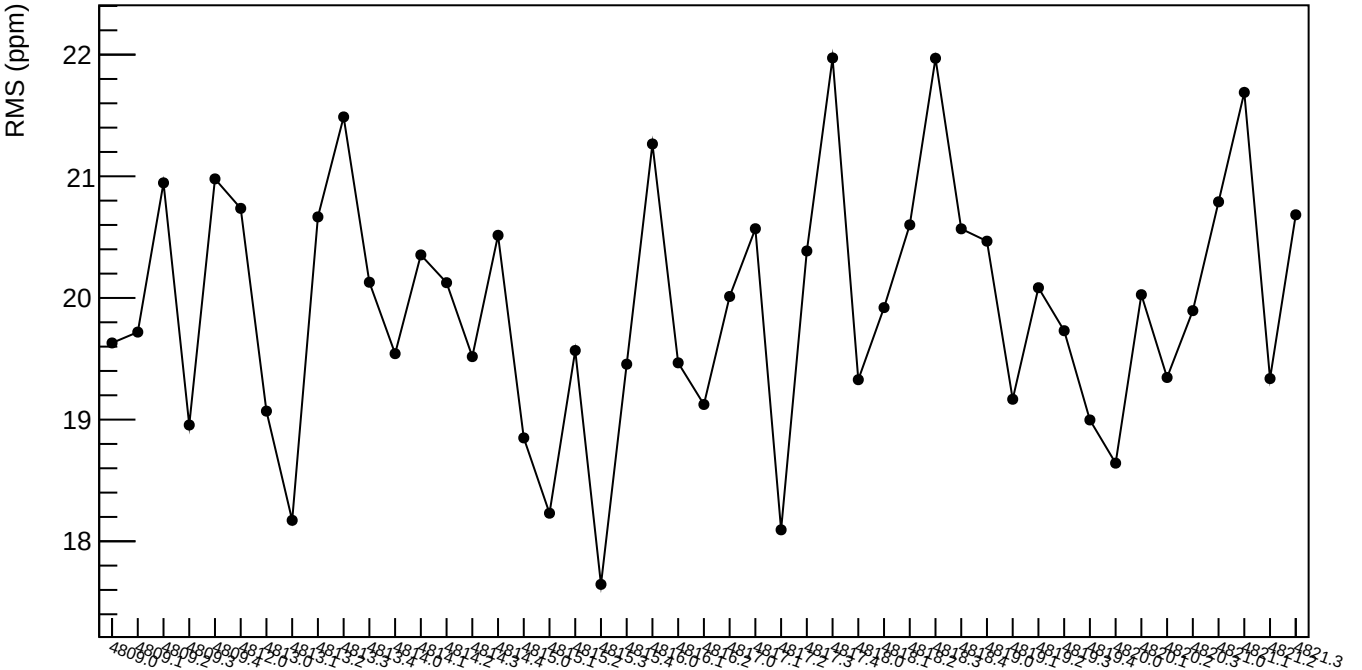

1D pull distribution
Mean −0.01513 ± 0.165
Std Dev 1.131 ± 0.1167
Underflow 0
Overflow 0
χ² / ndf 5.38 / 7
Constant 8.964 ± 1.885
Mean 0.1339 ± 0.2348
Sigma 1.126 ± 0.202
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

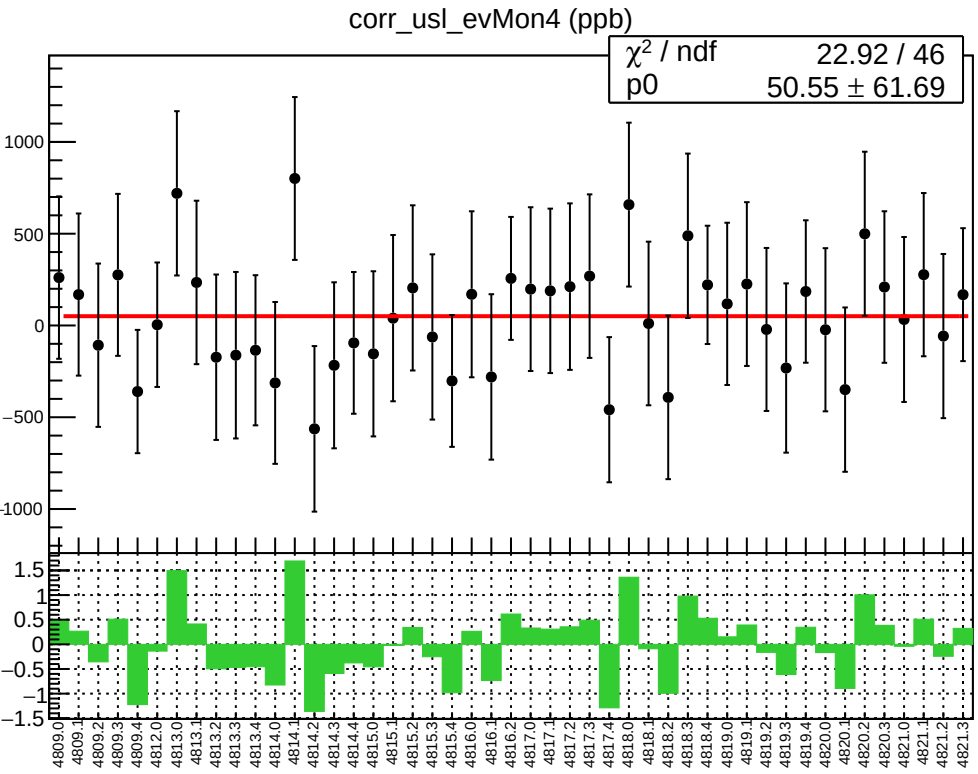
corr_usl_evMon2 RMS (ppm)

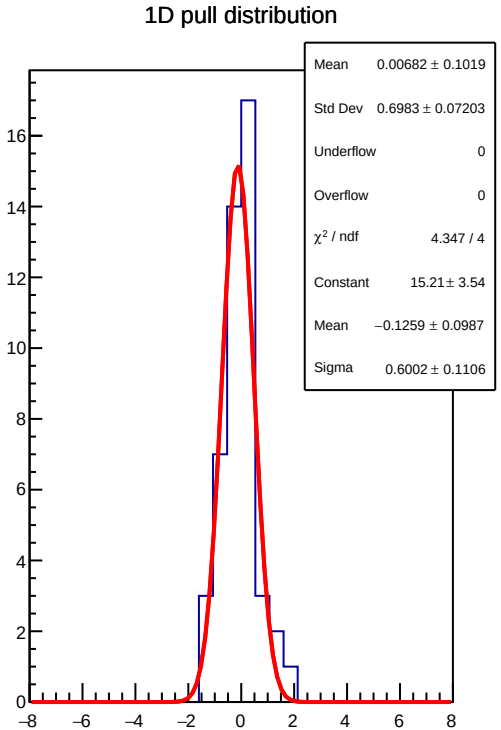



corr_usl_evMon3 (ppb)
χ² / ndf 46.61 / 46
p0 80.23 ± 32.48
1D pull distribution
Mean −0.02629 ± 0.1452
Std Dev 0.9955 ± 0.1027
Underflow 0
Overflow 0
χ² / ndf 3.529 / 6
Constant 8.813 ± 2.014
Mean 0.115 ± 0.187
Sigma 1.088 ± 0.222

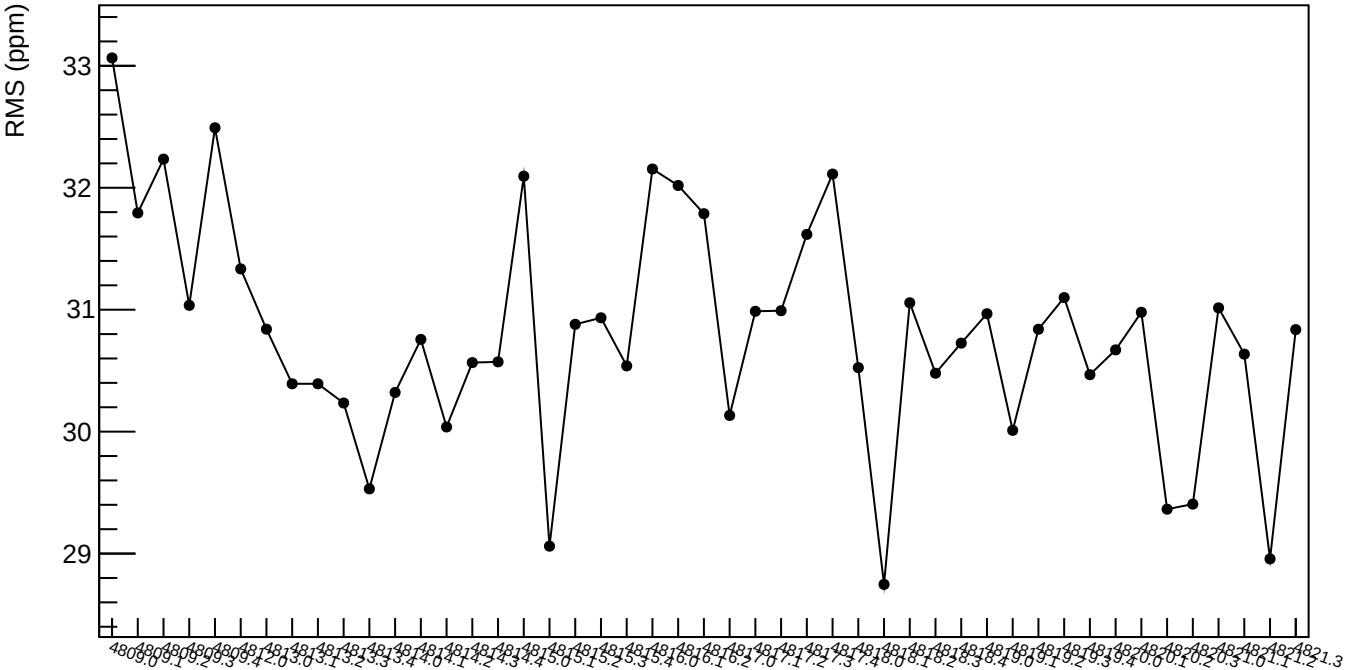
corr_usl_evMon3 RMS (ppm)

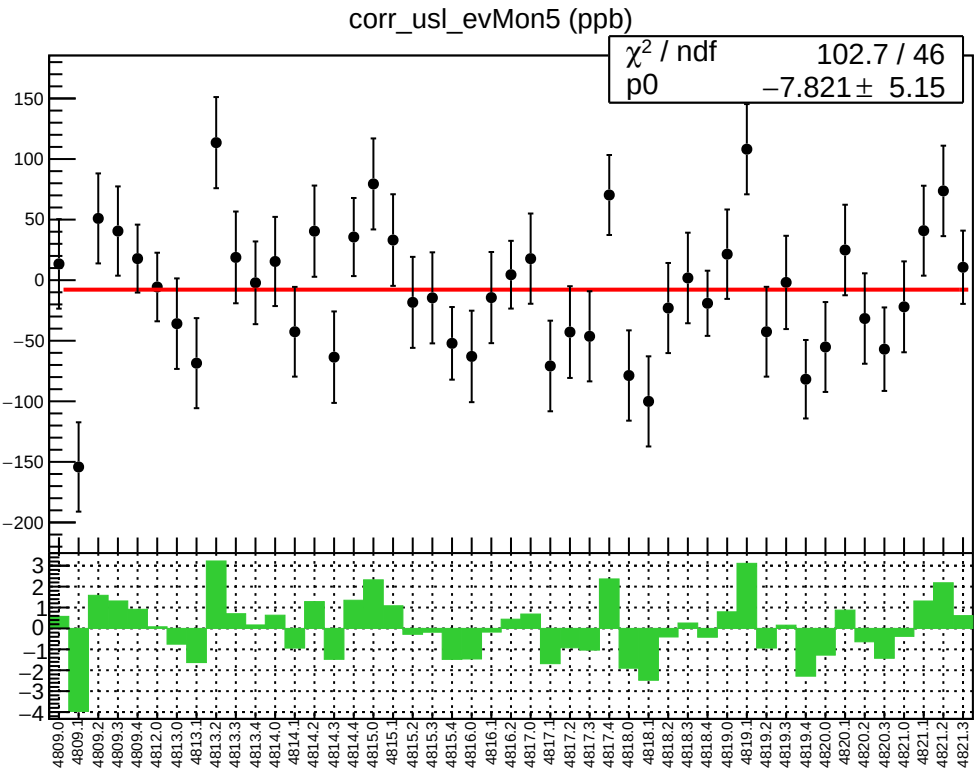


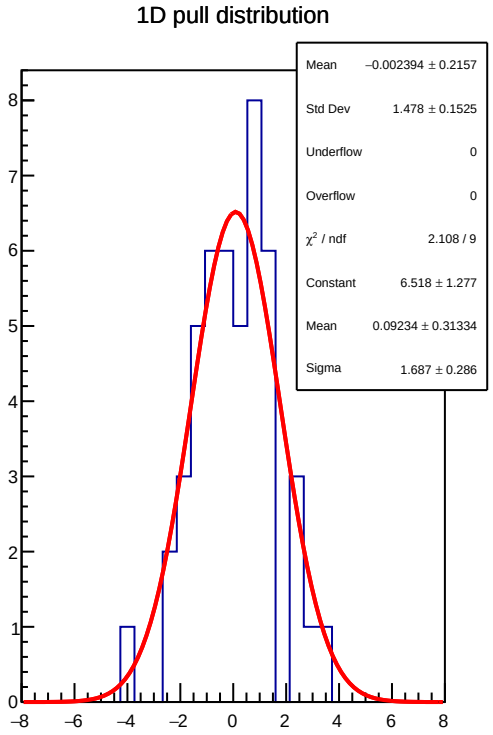

corr_usl_evMon4 (ppb)
χ² / ndf 22.92 / 46
p0 50.55 ± 61.69
1000
500
0
−500
−1000
1.5
1
0.5
0
−0.5
−1
−1.5
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3


1D pull distribution
Mean 0.00682 ± 0.1019
Std Dev 0.6983 ± 0.07203
Underflow 0
Overflow 0
χ² / ndf 4.347 / 4
Constant 15.21 ± 3.54
Mean −0.1259 ± 0.0987
Sigma 0.6002 ± 0.1106
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

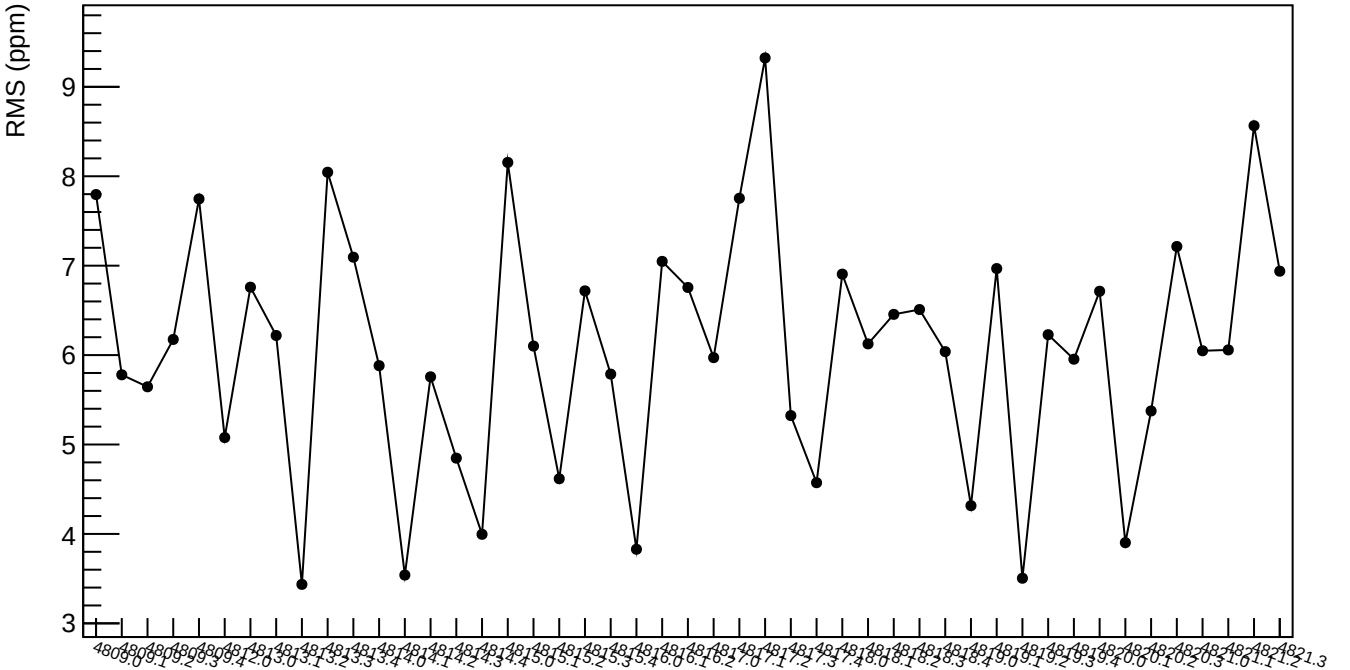
corr_usl_evMon4 RMS (ppm)

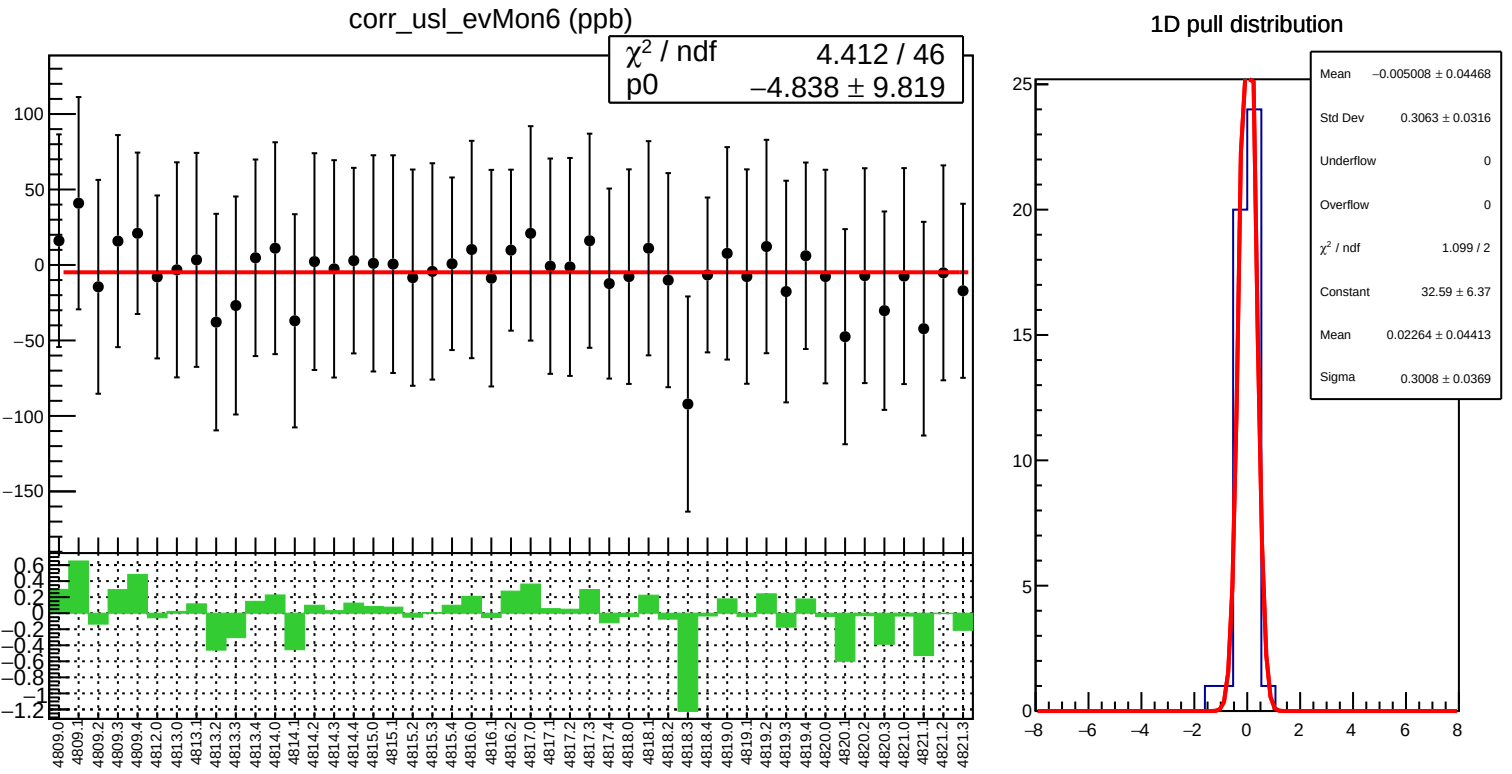



corr_usl_evMon5 (ppb)
χ² / ndf 102.7 / 46
p0 −7.821 ± 5.15

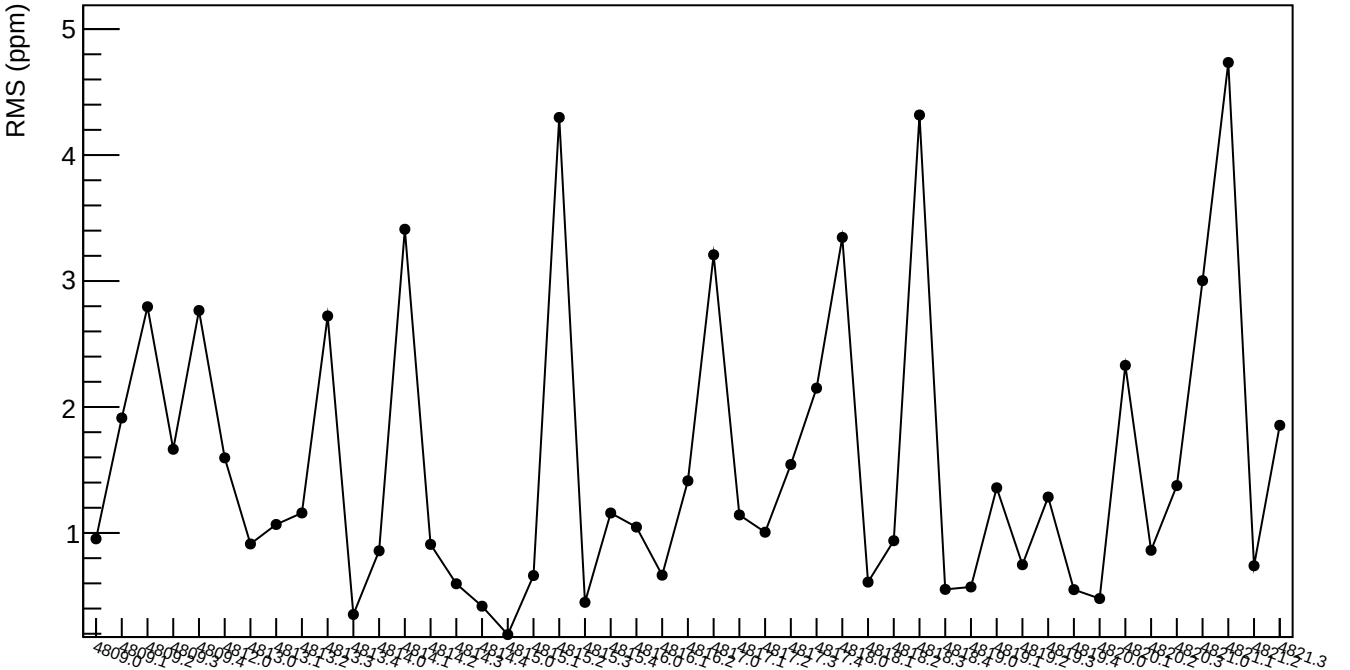

1D pull distribution
Mean −0.002394 ± 0.2157
Std Dev 1.478 ± 0.1525
Underflow 0
Overflow 0
χ² / ndf 2.108 / 9
Constant 6.518 ± 1.277
Mean 0.09234 ± 0.31334
Sigma 1.687 ± 0.286

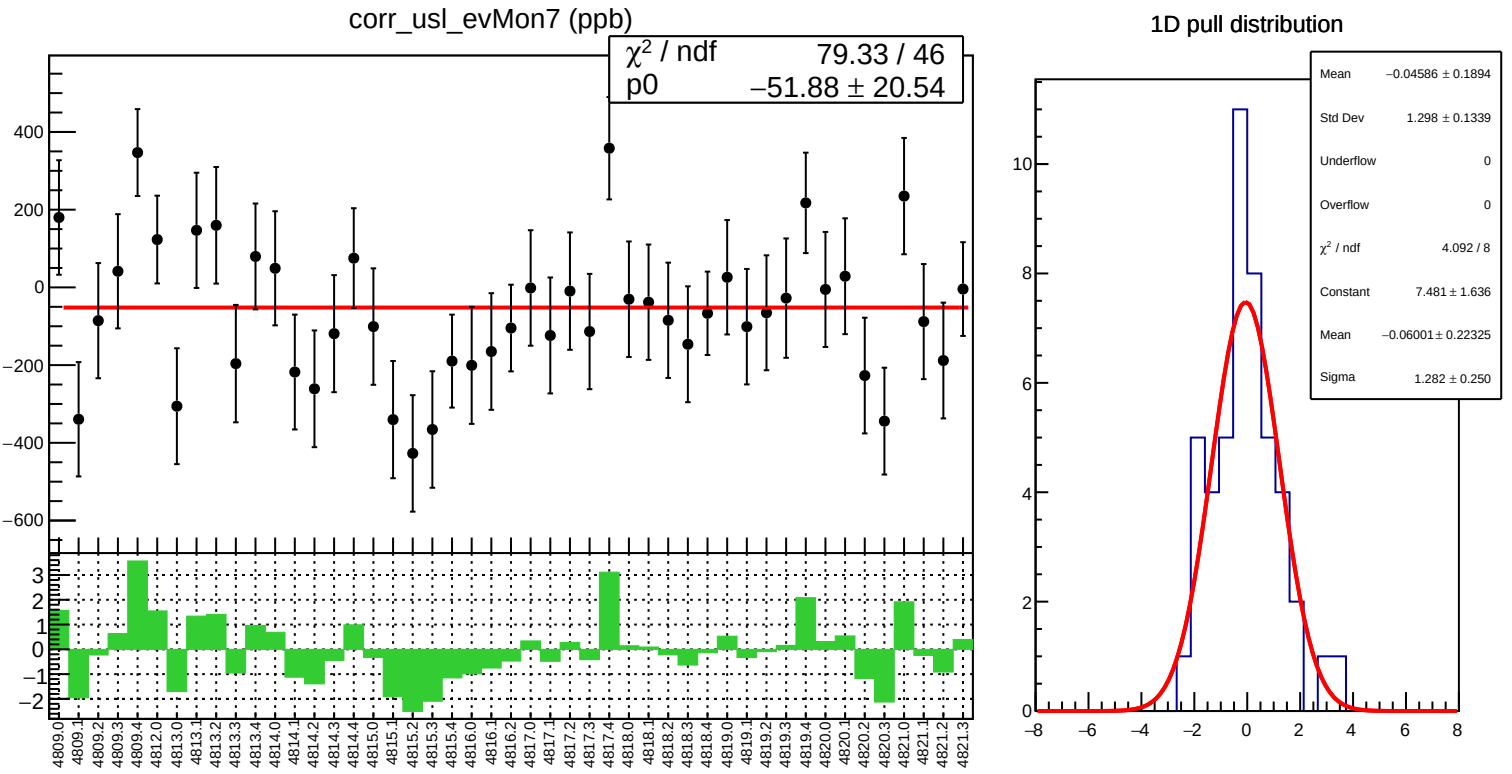
corr_usl_evMon5 RMS (ppm)



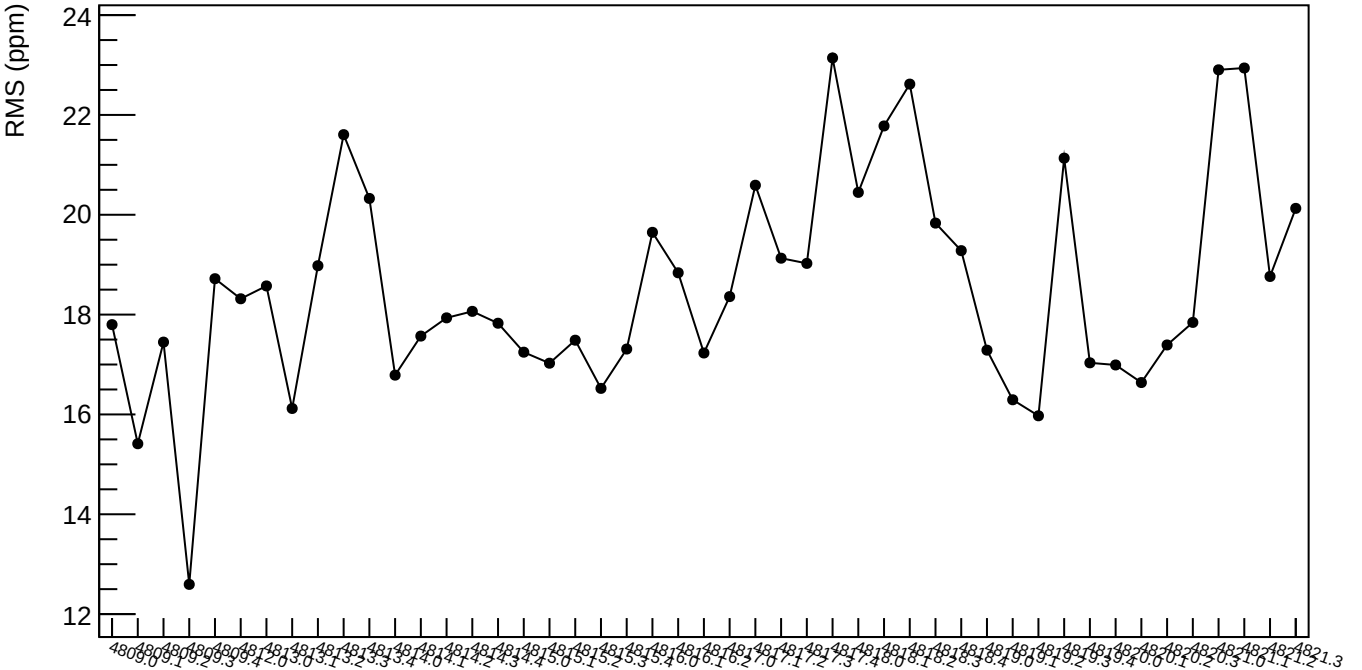

corr_usl_evMon6 (ppb)
χ² / ndf 4.412 / 46
p0 −4.838 ± 9.819
1D pull distribution
Mean −0.005008 ± 0.04468
Std Dev 0.3063 ± 0.0316
Underflow 0
Overflow 0
χ² / ndf 1.099 / 2
Constant 32.59 ± 6.37
Mean 0.02264 ± 0.04413
Sigma 0.3008 ± 0.0369

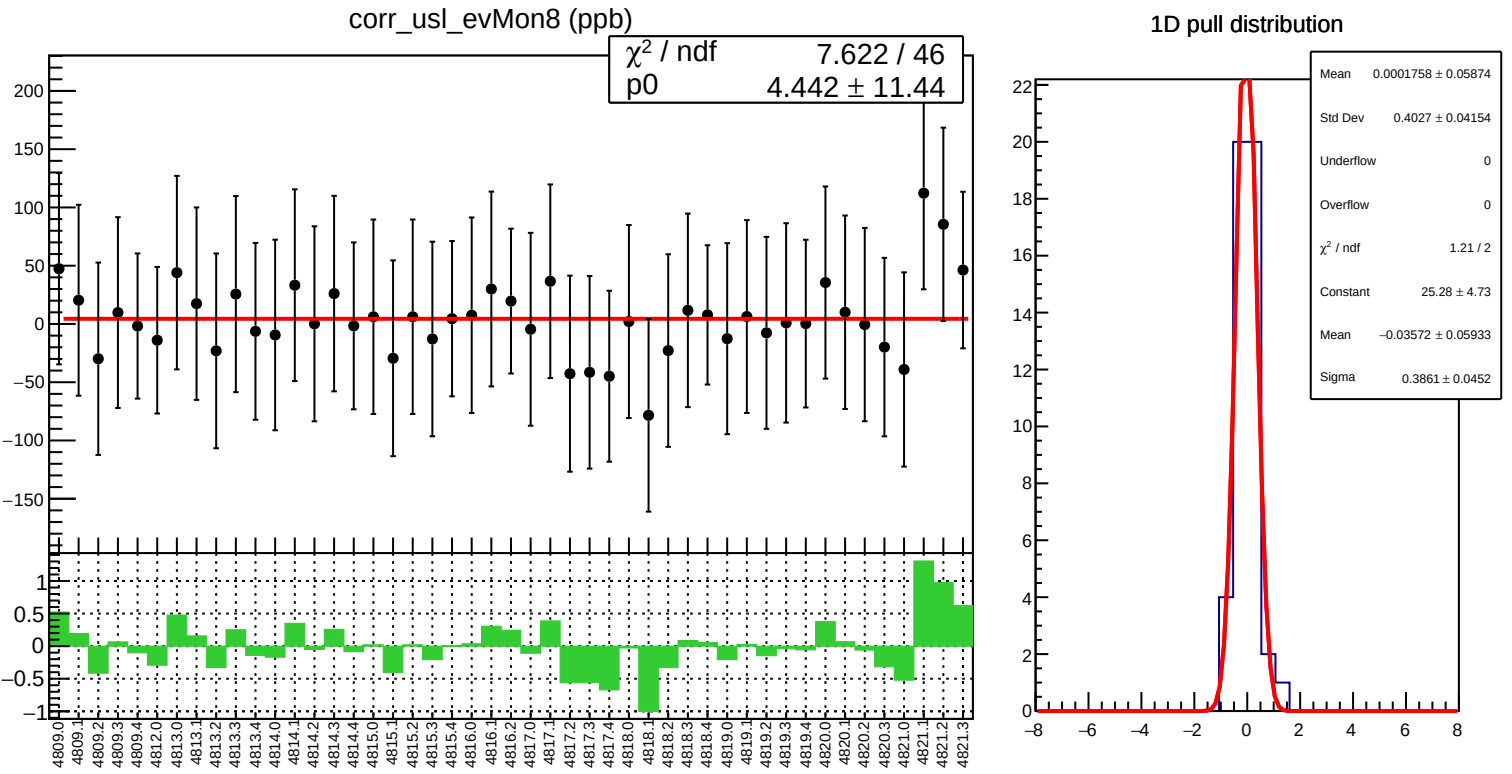
corr_usl_evMon6 RMS (ppm)



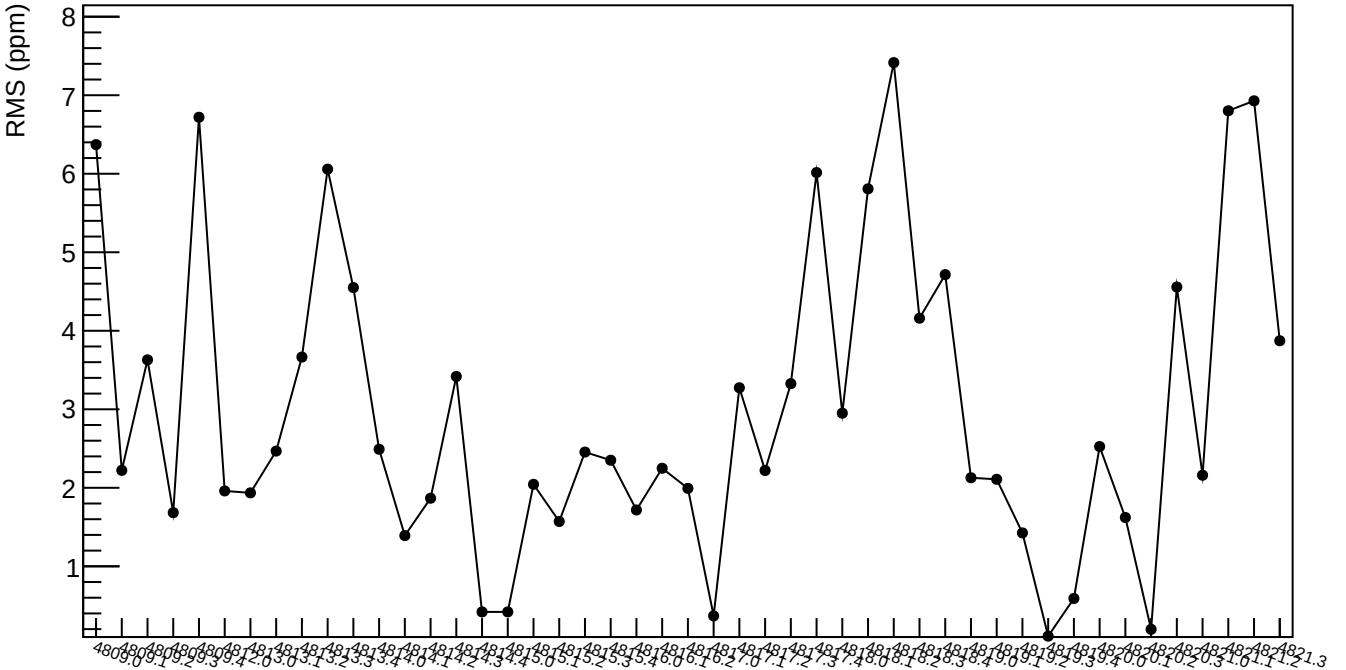

corr_usl_evMon7 (ppb)
χ² / ndf 79.33 / 46
p0 −51.88 ± 20.54
1D pull distribution
Mean −0.04586 ± 0.1894
Std Dev 1.298 ± 0.1339
Underflow 0
Overflow 0
χ² / ndf 4.092 / 8
Constant 7.481 ± 1.636
Mean −0.06001 ± 0.22325
Sigma 1.282 ± 0.250

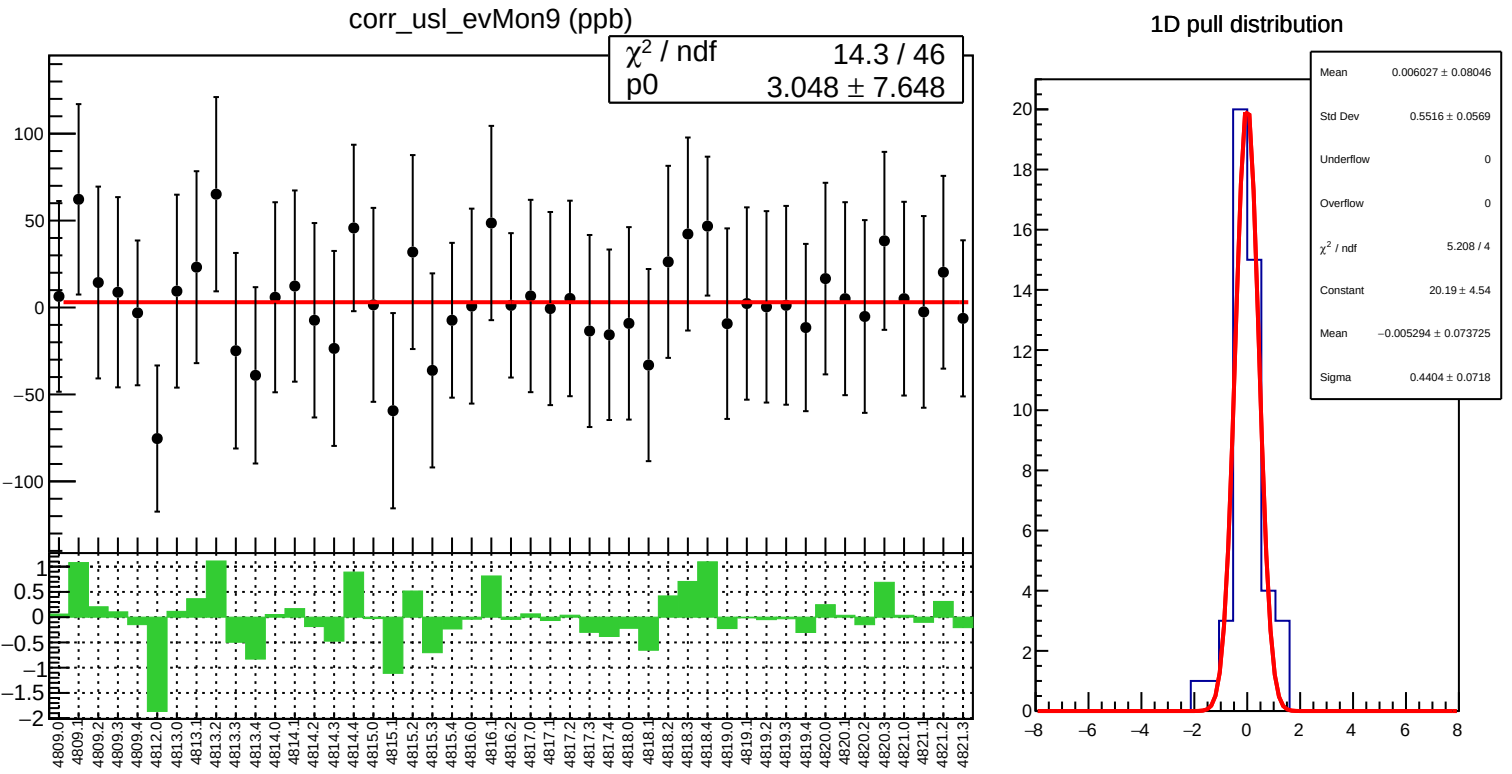
corr_usl_evMon7 RMS (ppm)



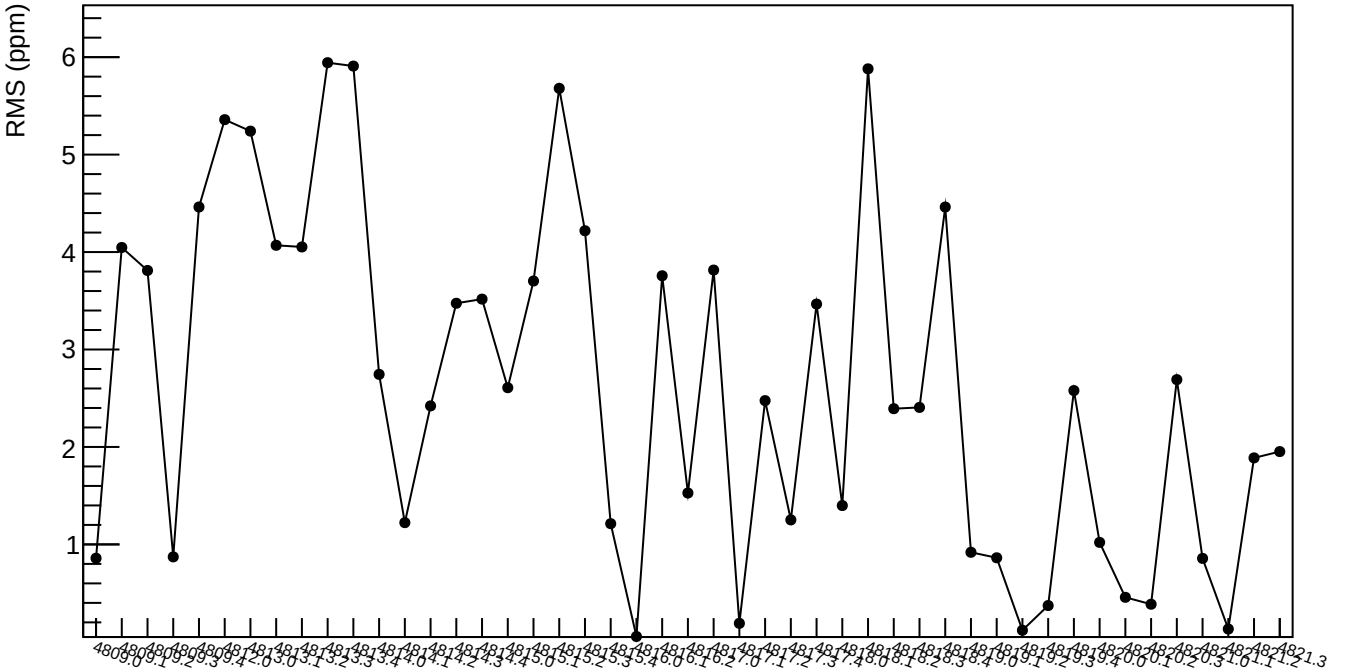

corr_usl_evMon8 (ppb)
χ² / ndf 7.622 / 46
p0 4.442 ± 11.44
1D pull distribution
Mean 0.0001758 ± 0.05874
Std Dev 0.4027 ± 0.04154
Underflow 0
Overflow 0
χ² / ndf 1.21 / 2
Constant 25.28 ± 4.73
Mean −0.03572 ± 0.05933
Sigma 0.3861 ± 0.0452

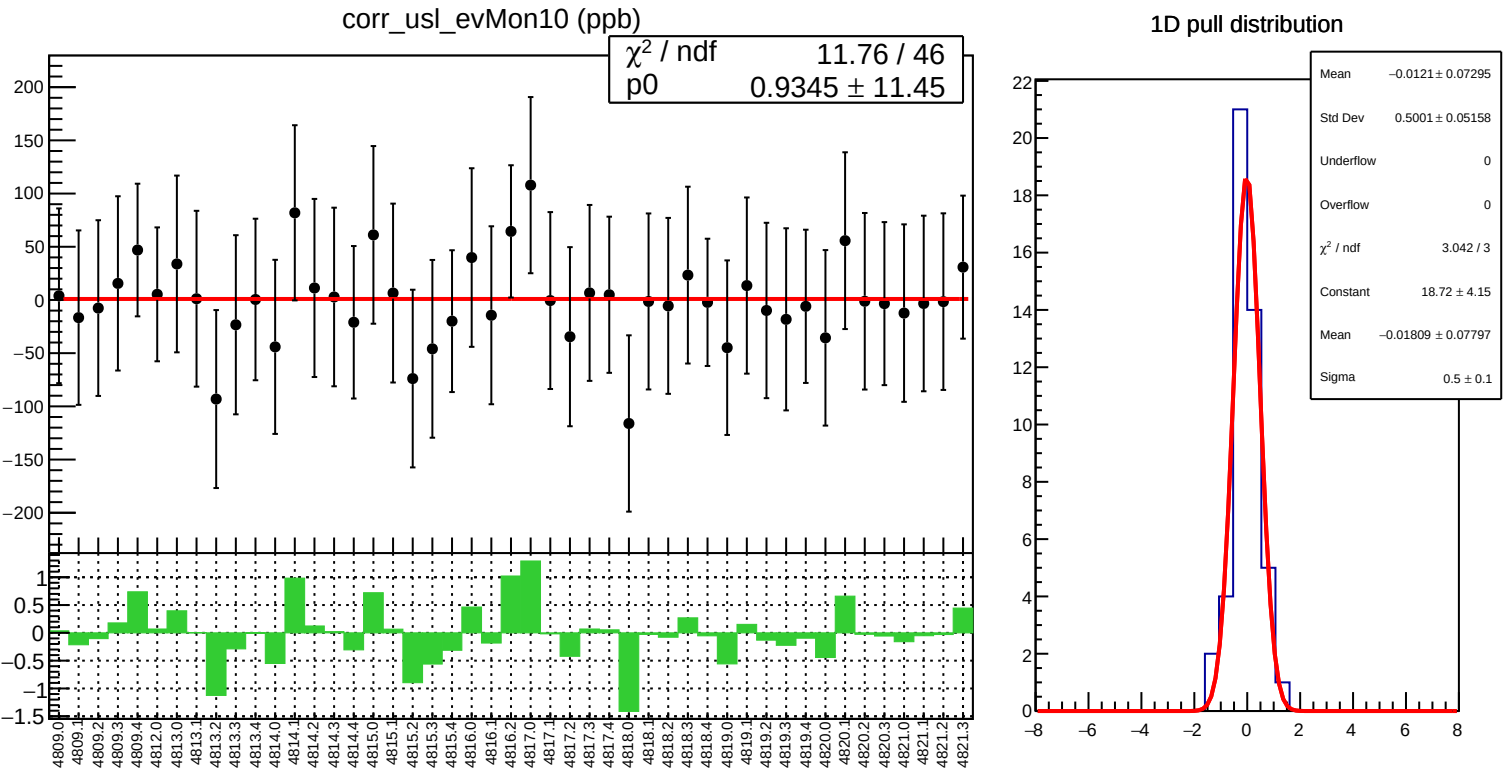
corr_usl_evMon8 RMS (ppm)



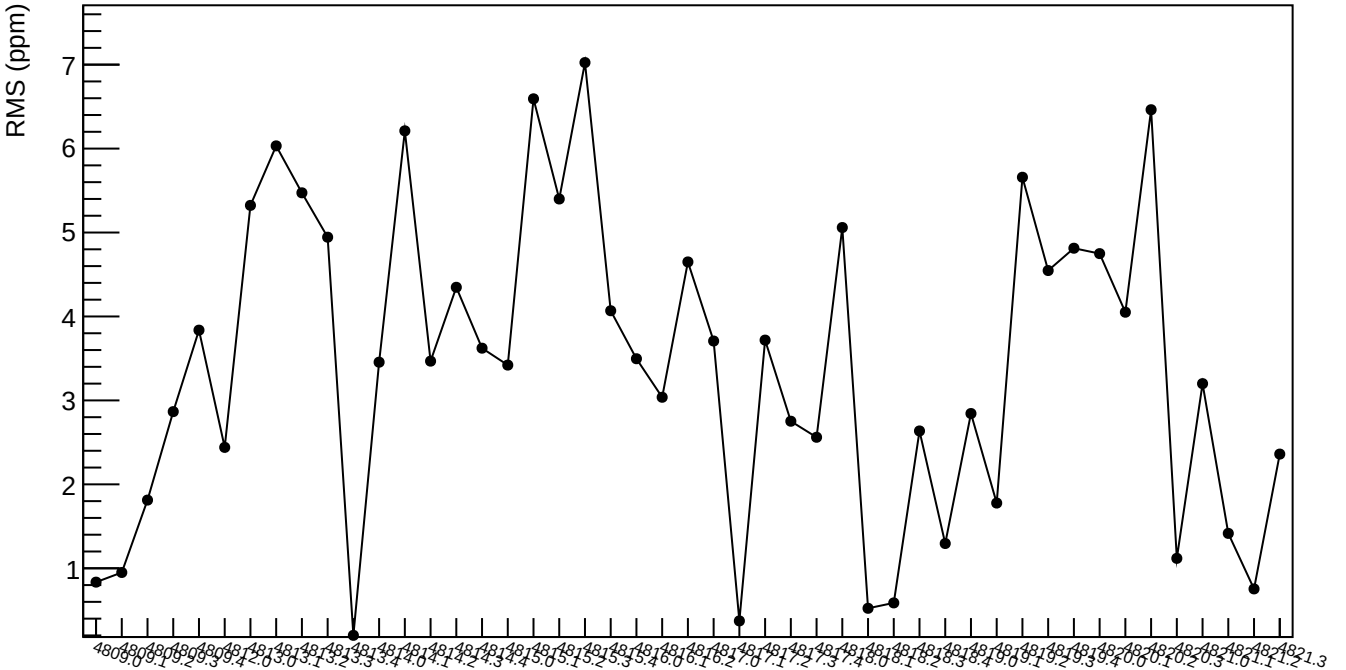

corr_usl_evMon9 (ppb)
χ² / ndf 14.3 / 46
p0 3.048 ± 7.648
1D pull distribution
Mean 0.006027 ± 0.08046
Std Dev 0.5516 ± 0.0569
Underflow 0
Overflow 0
χ² / ndf 5.208 / 4
Constant 20.19 ± 4.54
Mean −0.005294 ± 0.073725
Sigma 0.4404 ± 0.0718

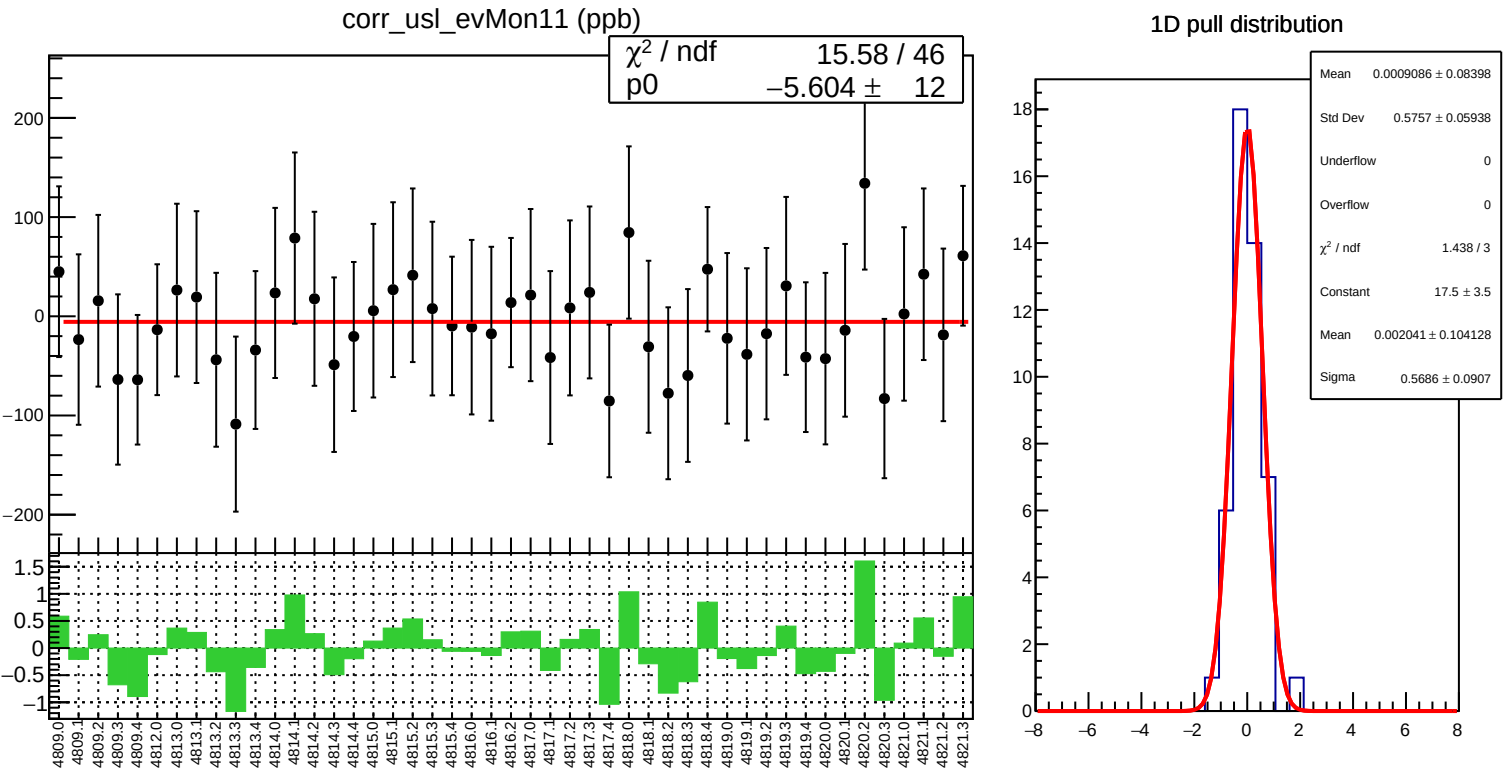
corr_usl_evMon9 RMS (ppm)



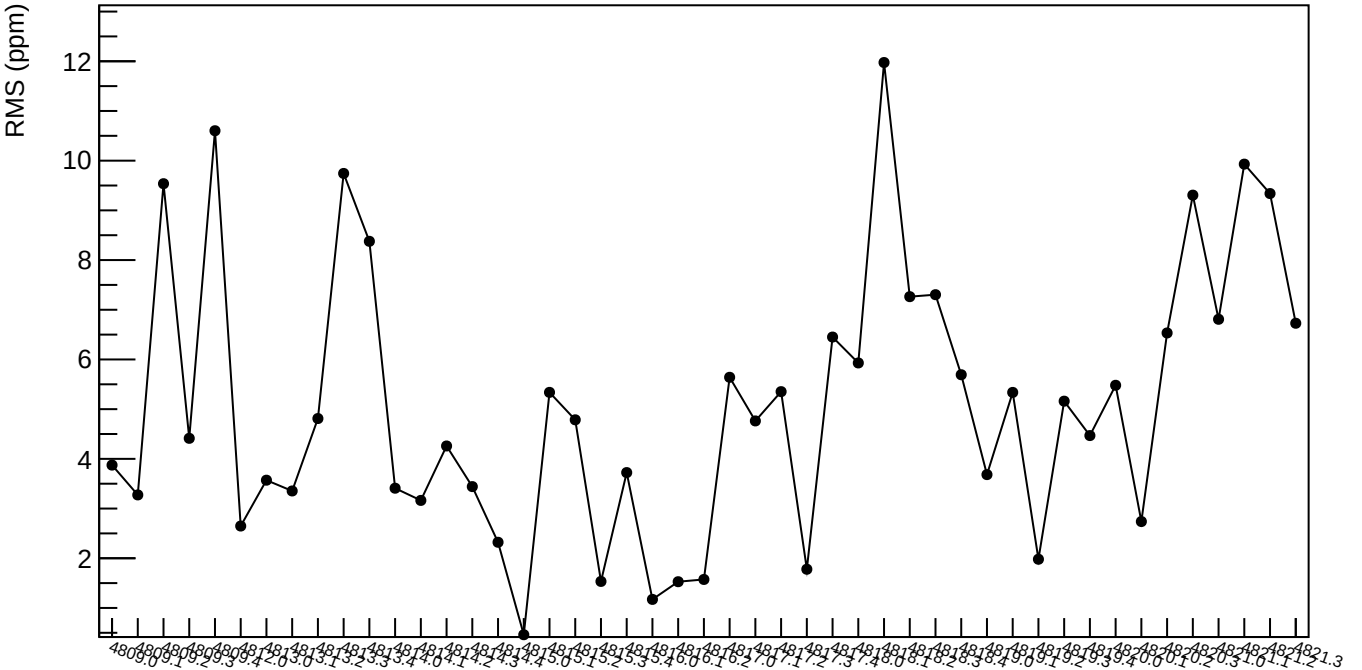

corr_usl_evMon10 (ppb)
χ² / ndf 11.76 / 46
p0 0.9345 ± 11.45
1D pull distribution
Mean −0.0121 ± 0.07295
Std Dev 0.5001 ± 0.05158
Underflow 0
Overflow 0
χ² / ndf 3.042 / 3
Constant 18.72 ± 4.15
Mean −0.01809 ± 0.07797
Sigma 0.5 ± 0.1

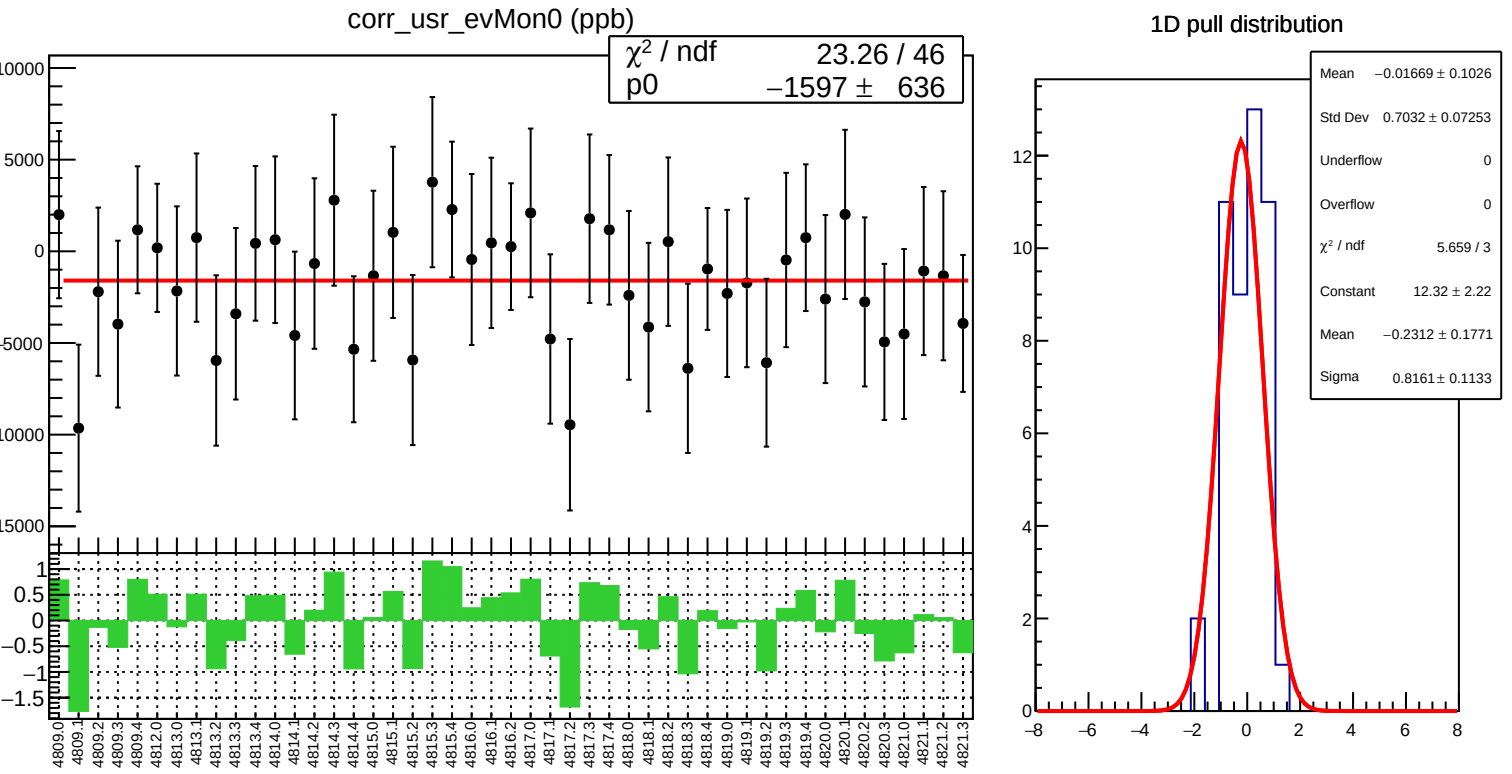
corr_usl_evMon10 RMS (ppm)



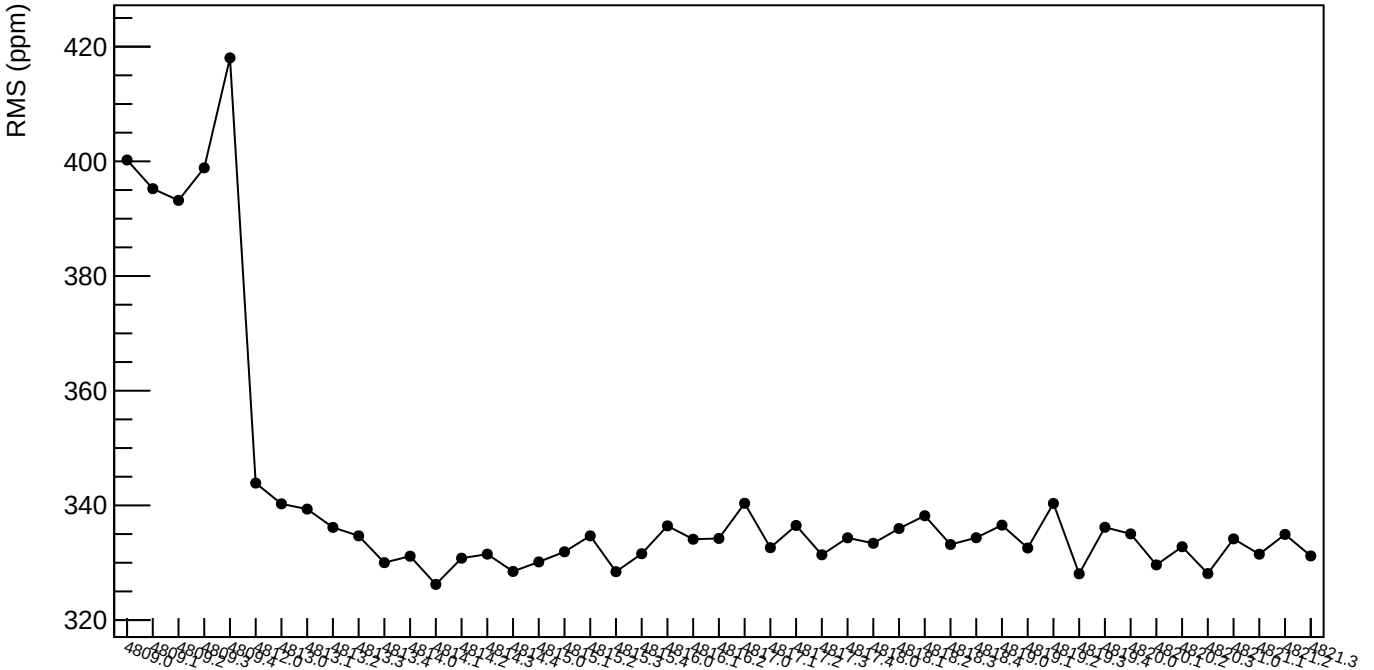

corr_usl_evMon11 (ppb)
χ² / ndf 15.58 / 46
p0 −5.604 ± 12
1D pull distribution
Mean 0.0009086 ± 0.08398
Std Dev 0.5757 ± 0.05938
Underflow 0
Overflow 0
χ² / ndf 1.438 / 3
Constant 17.5 ± 3.5
Mean 0.002041 ± 0.104128
Sigma 0.5686 ± 0.0907

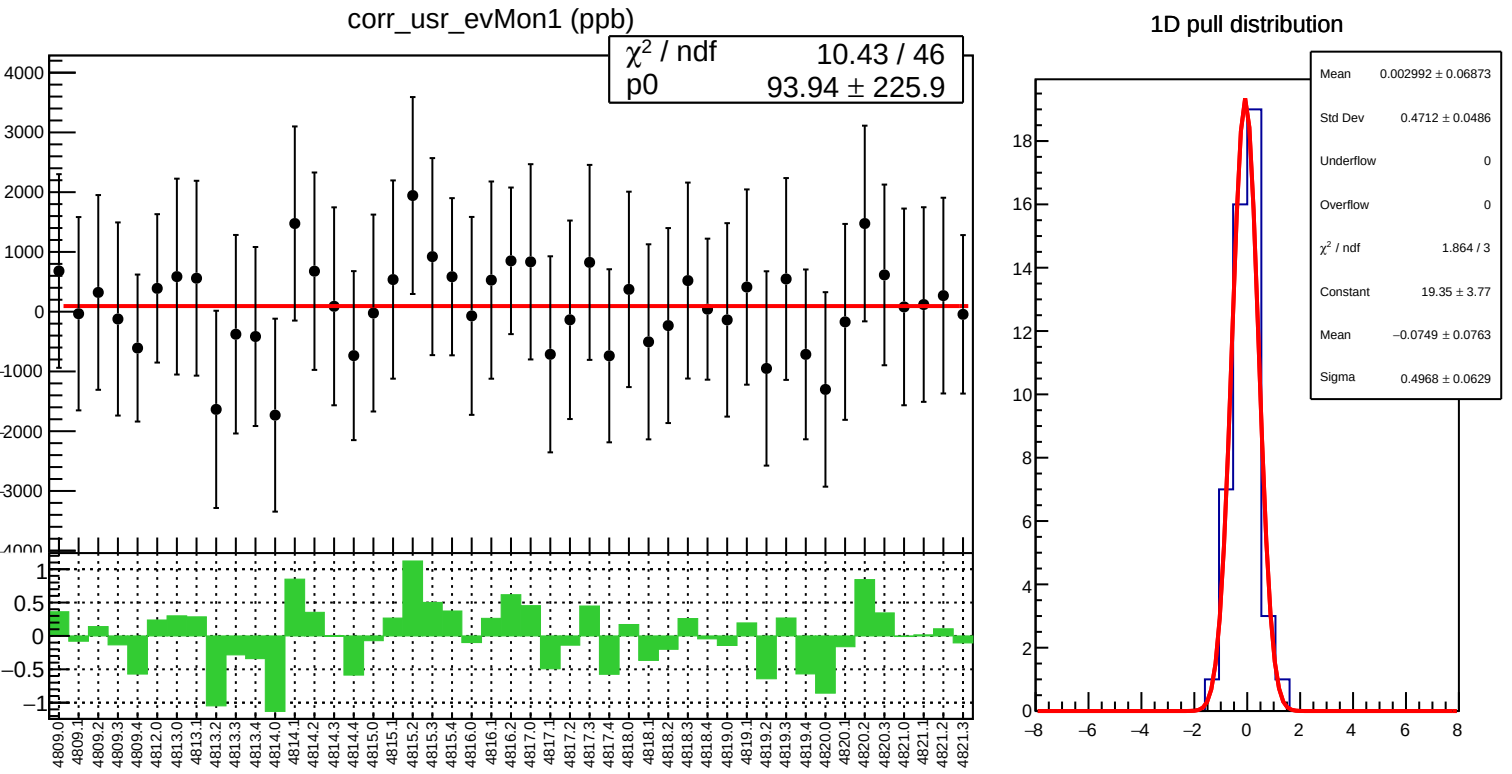
corr_usl_evMon11 RMS (ppm)



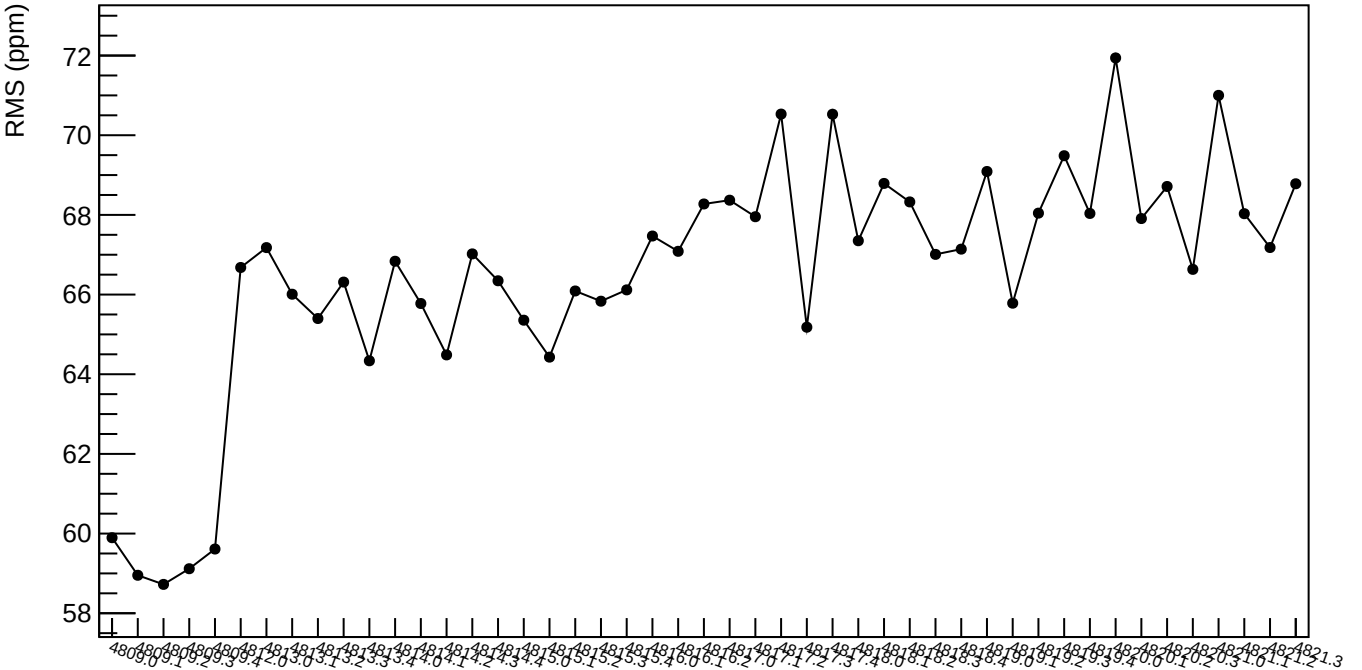

corr_usr_evMon0 (ppb)
χ² / ndf 23.26 / 46
p0 −1597 ± 636
1D pull distribution
Mean −0.01669 ± 0.1026
Std Dev 0.7032 ± 0.07253
Underflow 0
Overflow 0
χ² / ndf 5.659 / 3
Constant 12.32 ± 2.22
Mean −0.2312 ± 0.1771
Sigma 0.8161 ± 0.1133

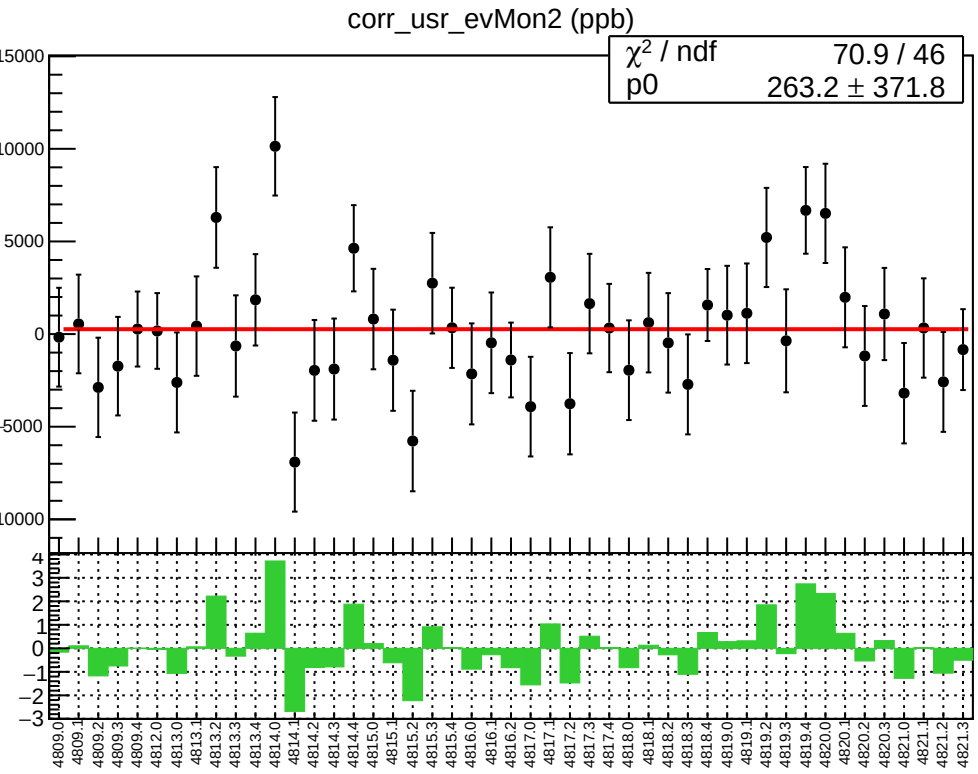
corr_usr_evMon0 RMS (ppm)

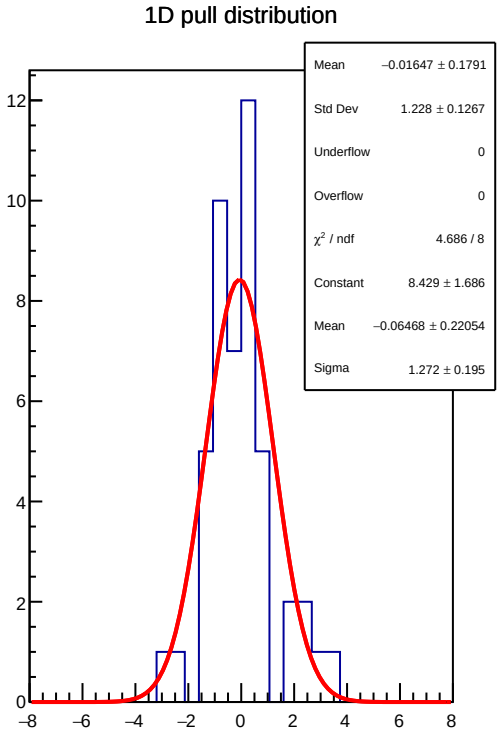



corr_usr_evMon1 (ppb)
χ² / ndf 10.43 / 46
p0 93.94 ± 225.9
1D pull distribution
Mean 0.002992 ± 0.06873
Std Dev 0.4712 ± 0.0486
Underflow 0
Overflow 0
χ² / ndf 1.864 / 3
Constant 19.35 ± 3.77
Mean −0.0749 ± 0.0763
Sigma 0.4968 ± 0.0629

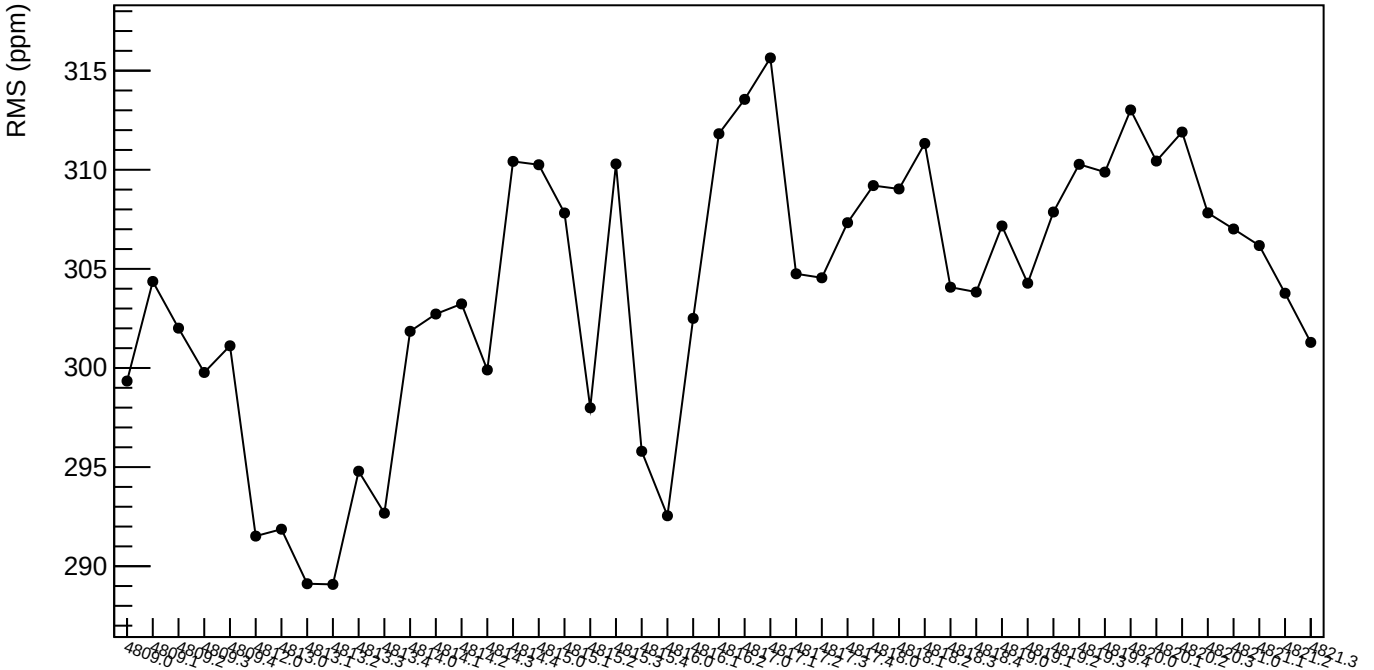
corr_usr_evMon1 RMS (ppm)

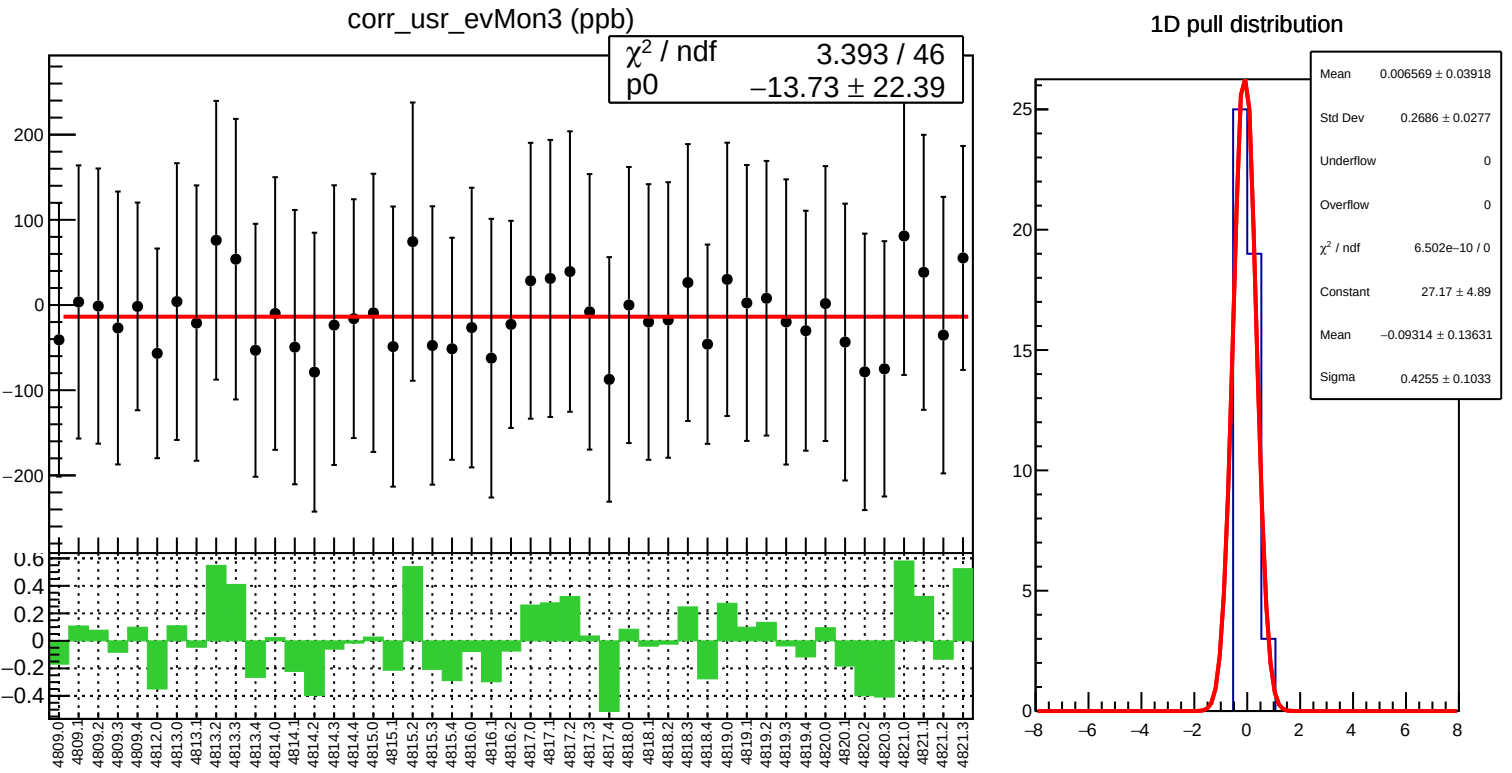


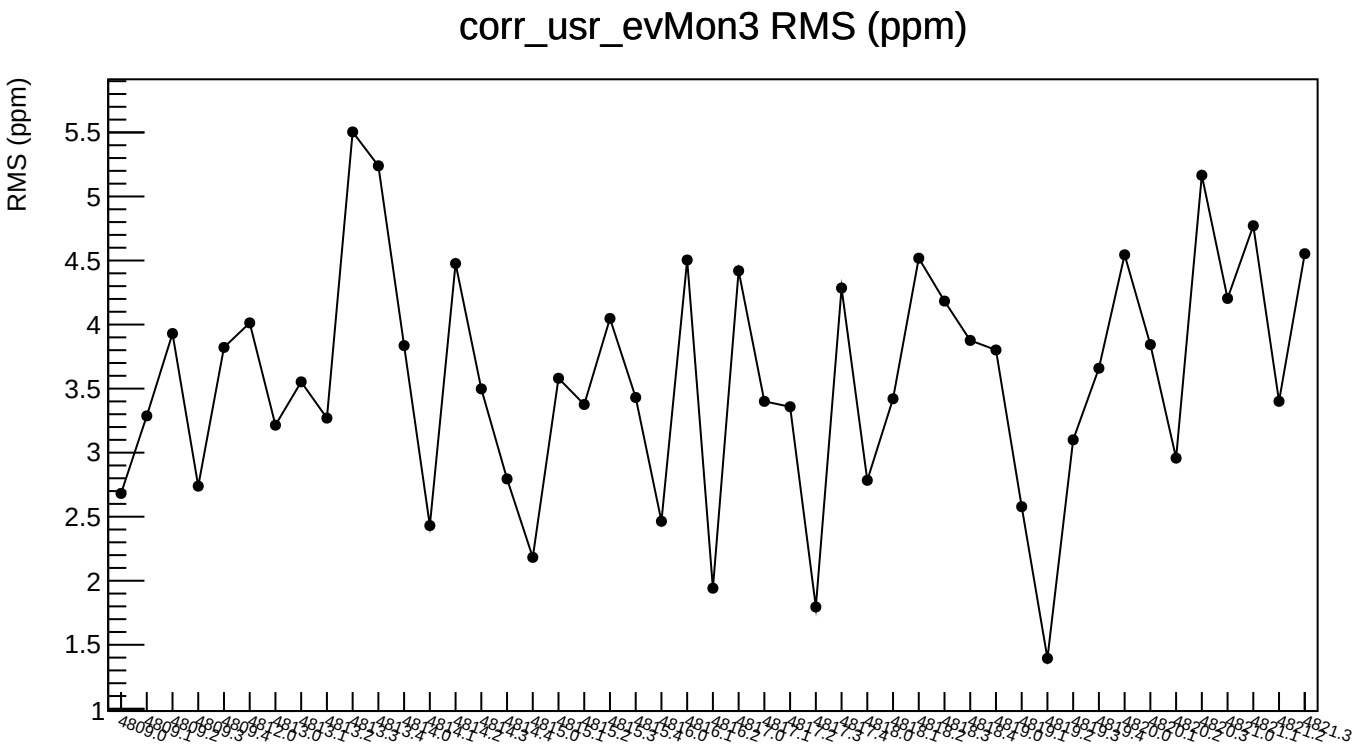

corr_usr_evMon2 (ppb)
χ² / ndf 70.9 / 46
p0 263.2 ± 371.8
15000
10000
5000
0
−5000
−10000
4
3
2
1
0
−1
−2
−3
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

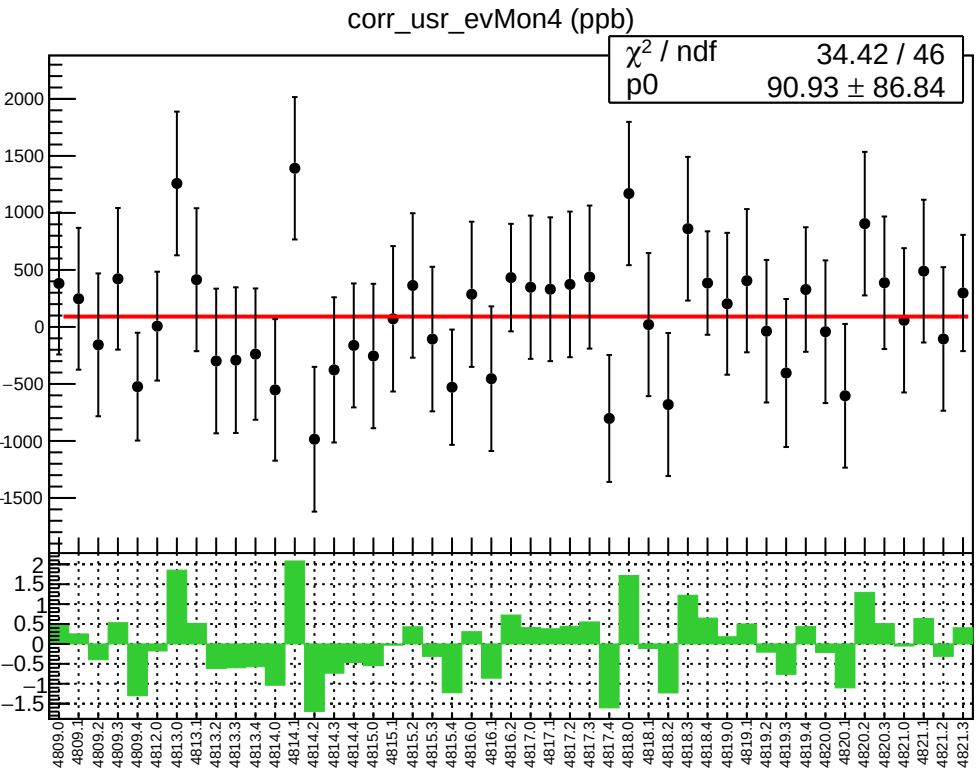

1D pull distribution
Mean −0.01647 ± 0.1791
Std Dev 1.228 ± 0.1267
Underflow 0
Overflow 0
χ² / ndf 4.686 / 8
Constant 8.429 ± 1.686
Mean −0.06468 ± 0.22054
Sigma 1.272 ± 0.195
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

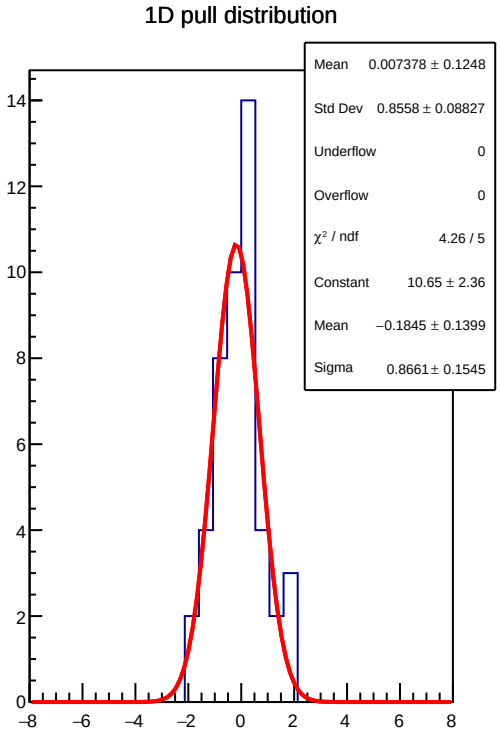
corr_usr_evMon2 RMS (ppm)



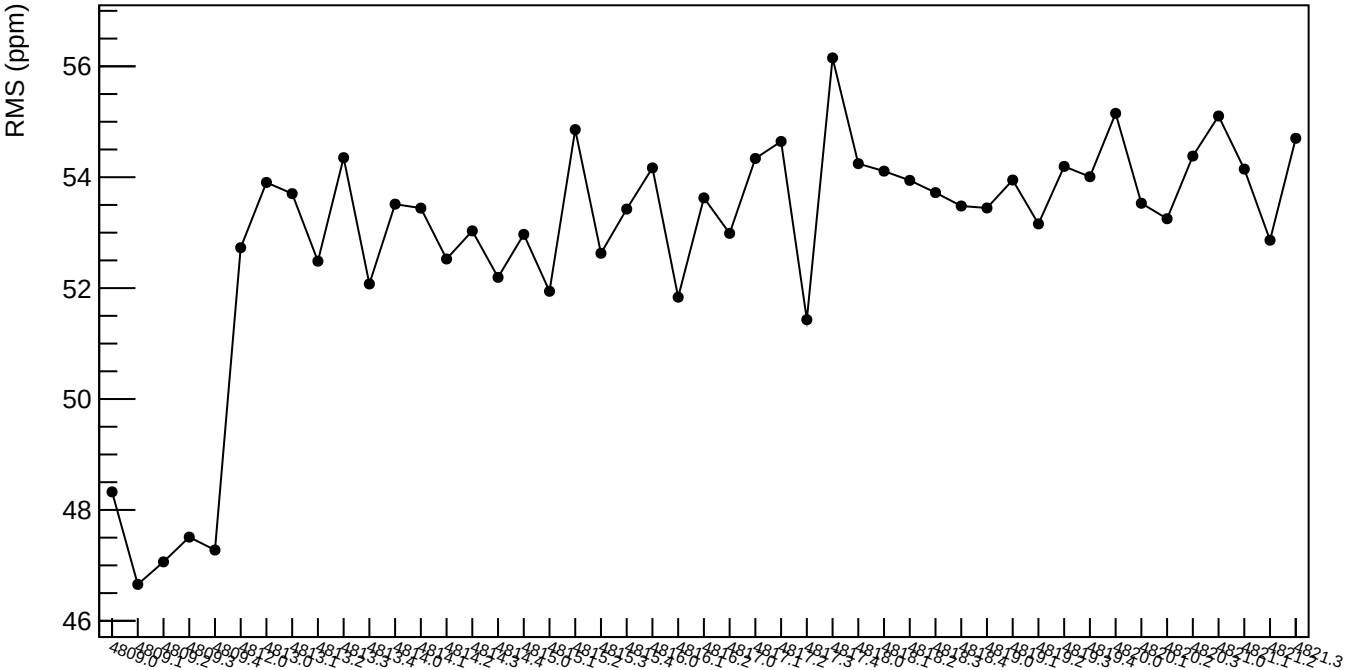

corr_usr_evMon3 (ppb)
χ² / ndf 3.393 / 46
p0 −13.73 ± 22.39
1D pull distribution
Mean 0.006569 ± 0.03918
Std Dev 0.2686 ± 0.0277
Underflow 0
Overflow 0
χ² / ndf 6.502e−10 / 0
Constant 27.17 ± 4.89
Mean −0.09314 ± 0.13631
Sigma 0.4255 ± 0.1033

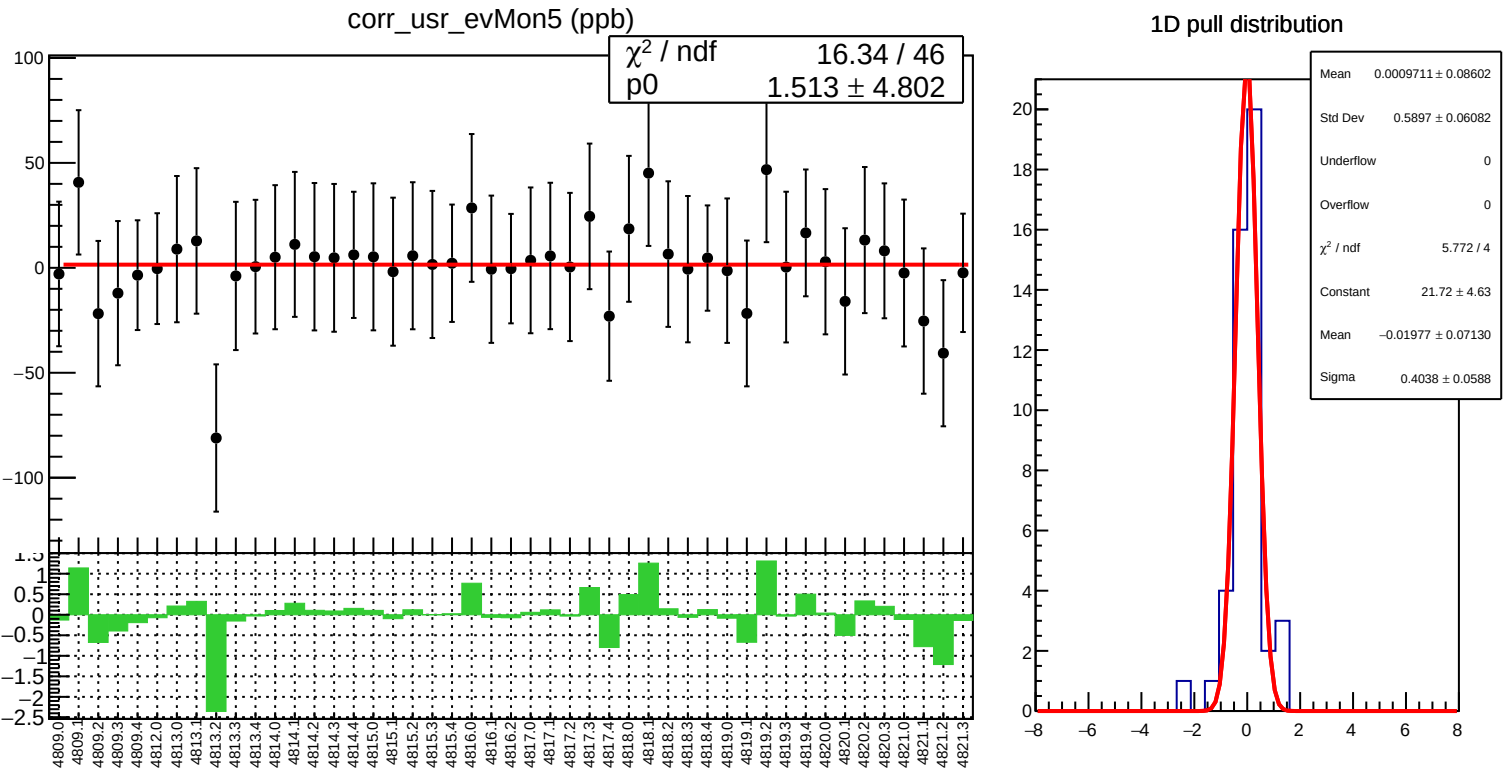

corr_usr_evMon3 RMS (ppm)
RMS (ppm)
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1


corr_usr_evMon4 (ppb)
χ² / ndf 34.42 / 46
p0 90.93 ± 86.84
Pull
4809.0
4809.1
4809.2
4809.3
4809.4
4812.0
4813.0
4813.1
4813.2
4813.3
4813.4
4814.0
4814.1
4814.2
4814.3
4814.4
4815.0
4815.1
4815.2
4815.3
4815.4
4816.0
4816.1
4816.2
4817.0
4817.1
4817.2
4817.3
4817.4
4818.0
4818.1
4818.2
4818.3
4818.4
4819.0
4819.1
4819.2
4819.3
4819.4
4820.0
4820.1
4820.2
4820.3
4821.0
4821.1
4821.2
4821.3

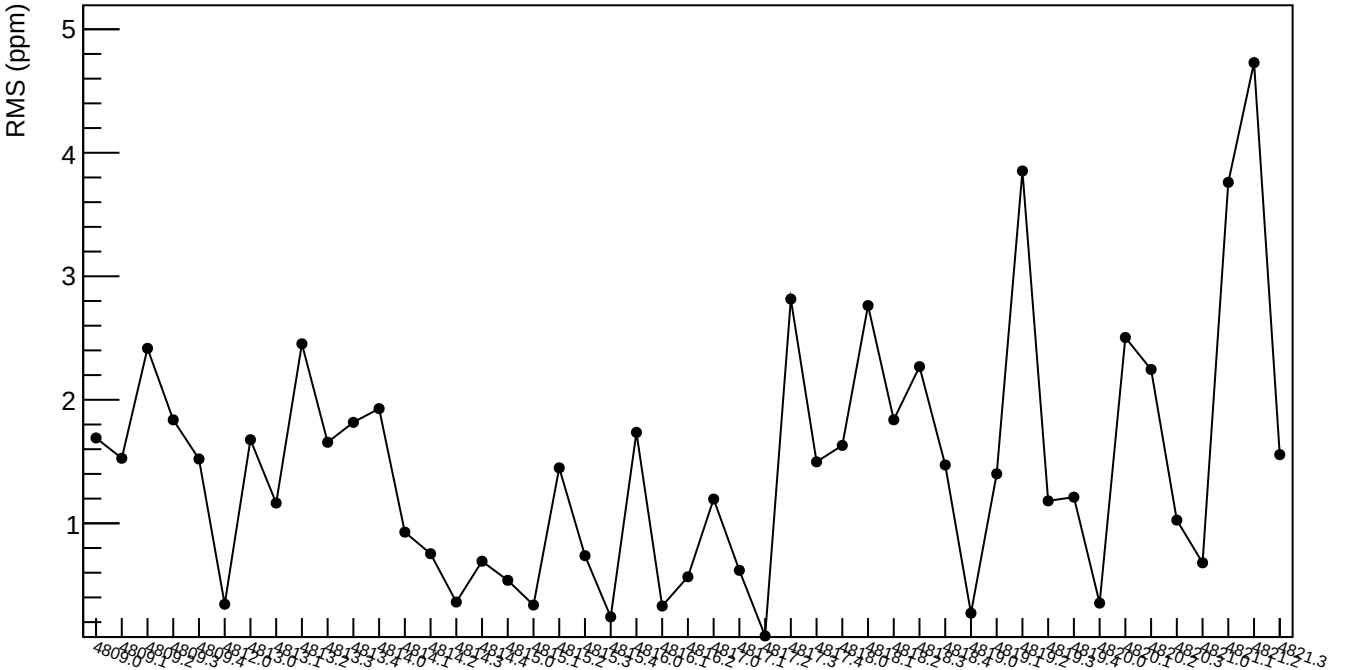

1D pull distribution
Mean 0.007378 ± 0.1248
Std Dev 0.8558 ± 0.08827
Underflow 0
Overflow 0
χ² / ndf 4.26 / 5
Constant 10.65 ± 2.36
Mean −0.1845 ± 0.1399
Sigma 0.8661 ± 0.1545

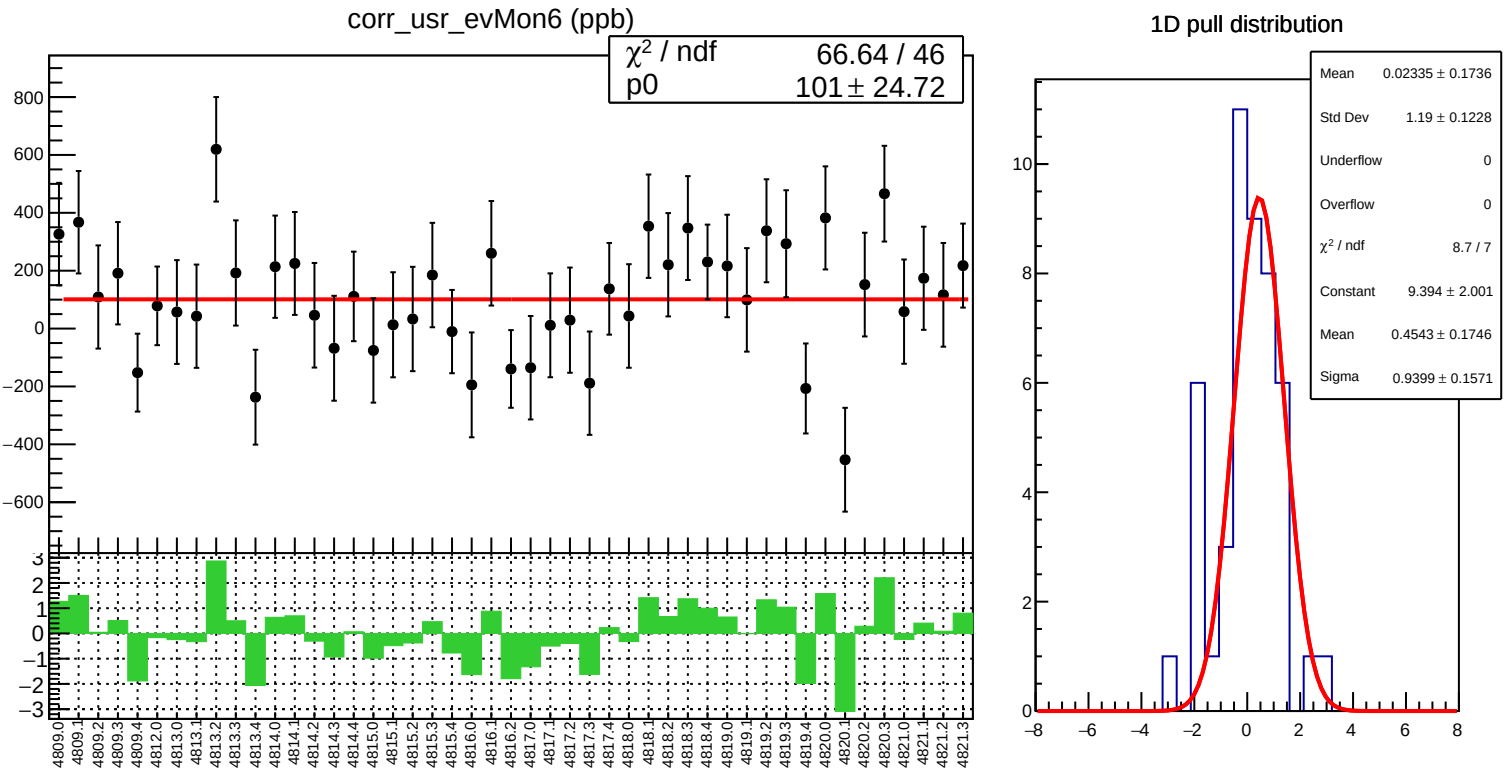
corr_usr_evMon4 RMS (ppm)



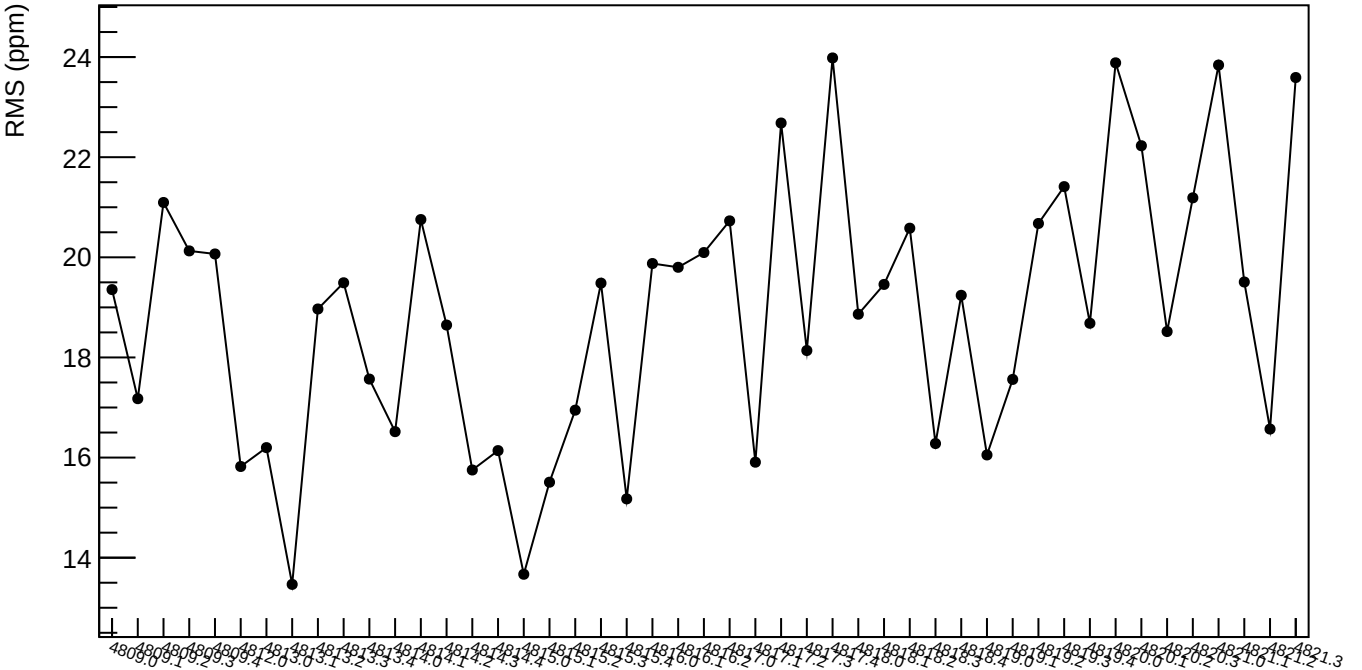

corr_usr_evMon5 (ppb)
χ² / ndf 16.34 / 46
p0 1.513 ± 4.802
1D pull distribution
Mean 0.0009711 ± 0.08602
Std Dev 0.5897 ± 0.06082
Underflow 0
Overflow 0
χ² / ndf 5.772 / 4
Constant 21.72 ± 4.63
Mean −0.01977 ± 0.07130
Sigma 0.4038 ± 0.0588

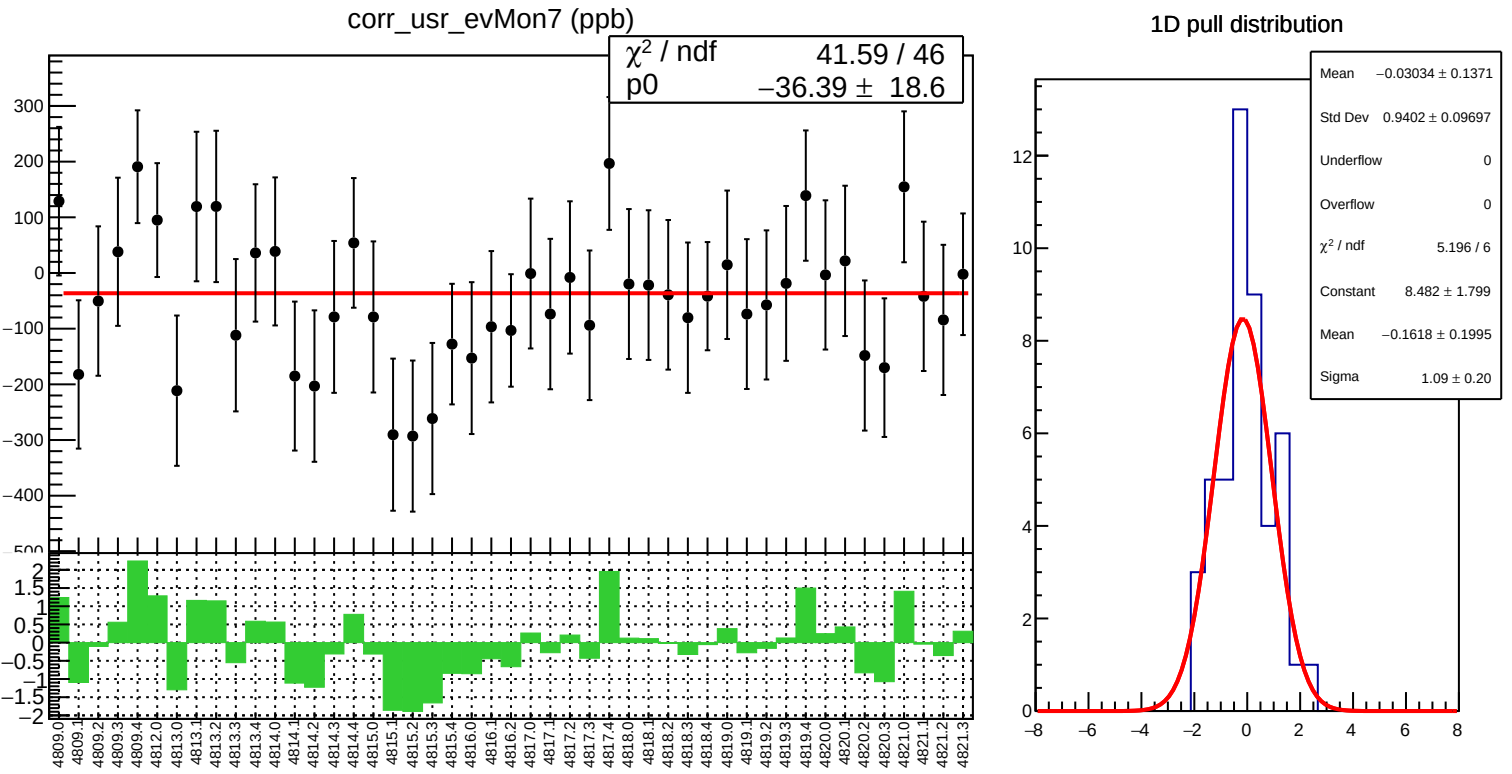
corr_usr_evMon5 RMS (ppm)



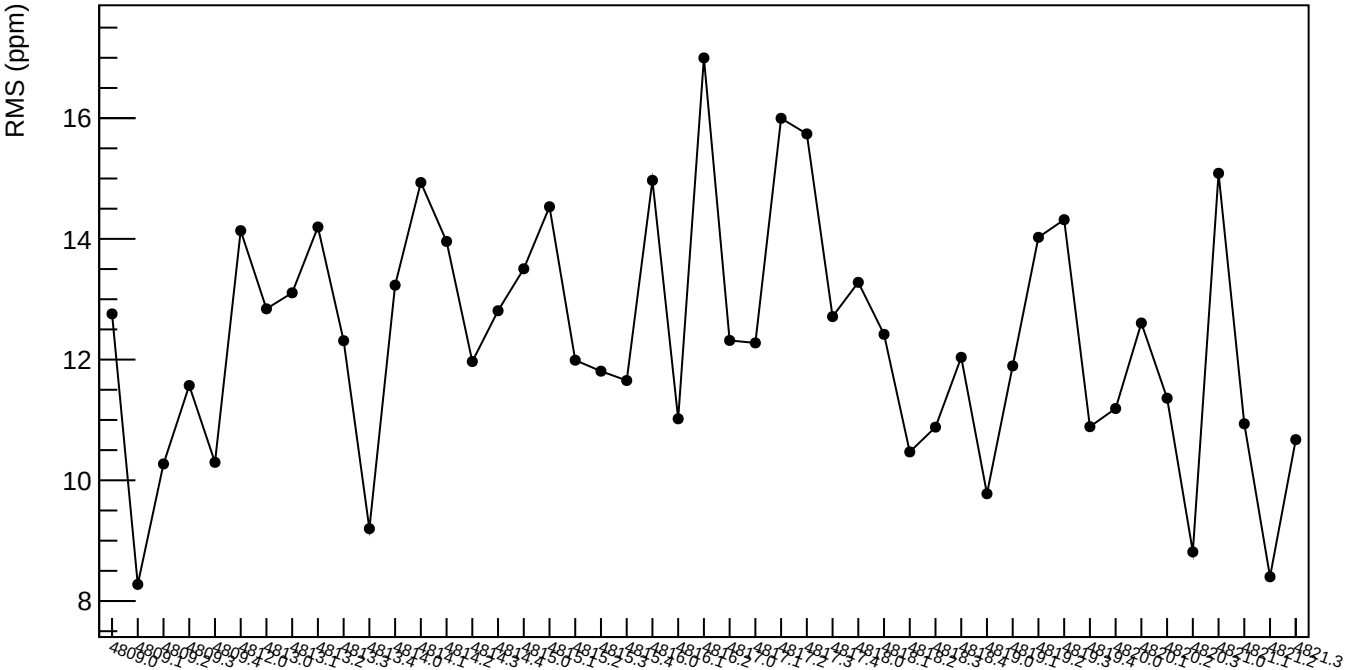

corr_usr_evMon6 (ppb)
χ² / ndf 66.64 / 46
p0 101 ± 24.72
1D pull distribution
Mean 0.02335 ± 0.1736
Std Dev 1.19 ± 0.1228
Underflow 0
Overflow 0
χ² / ndf 8.7 / 7
Constant 9.394 ± 2.001
Mean 0.4543 ± 0.1746
Sigma 0.9399 ± 0.1571

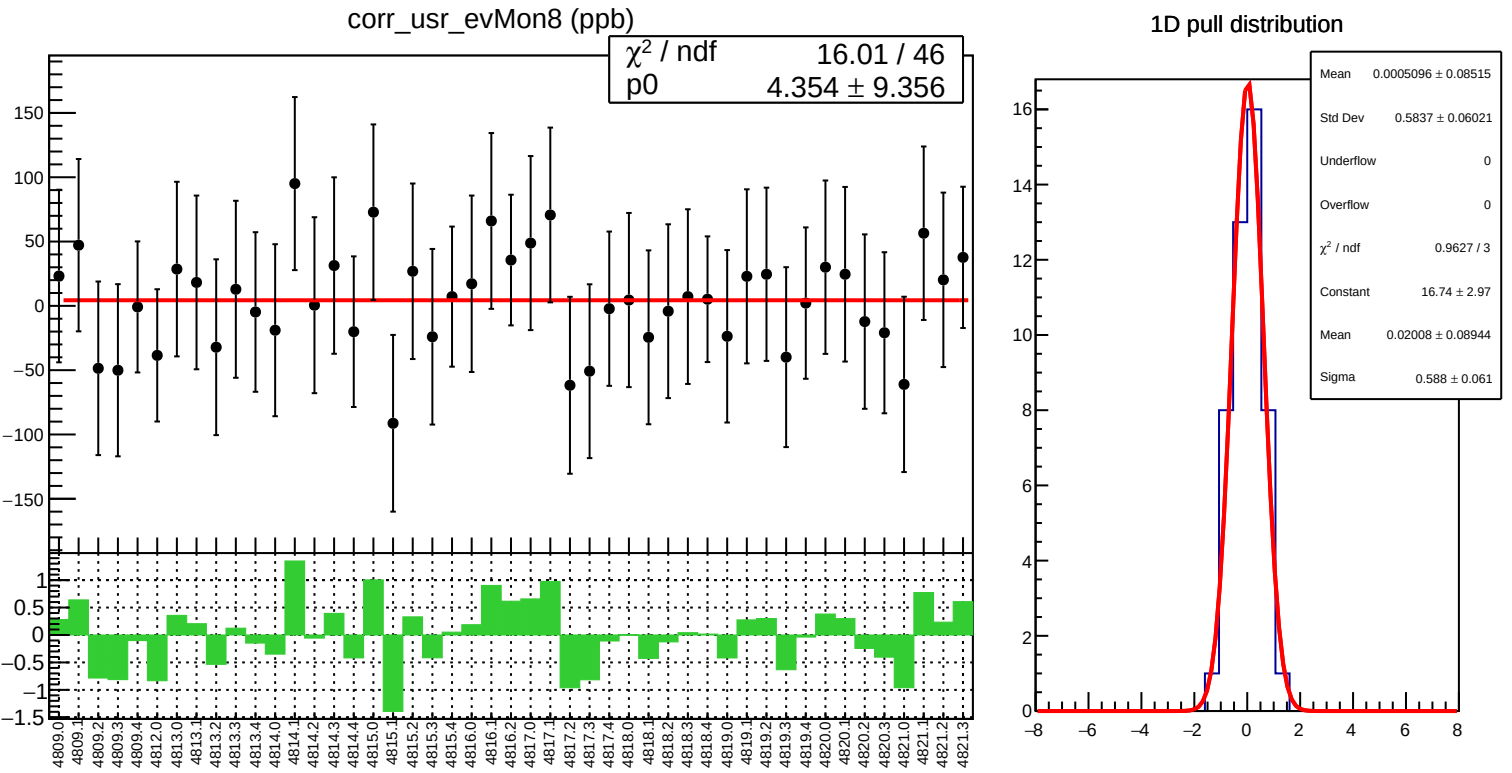
corr_usr_evMon6 RMS (ppm)



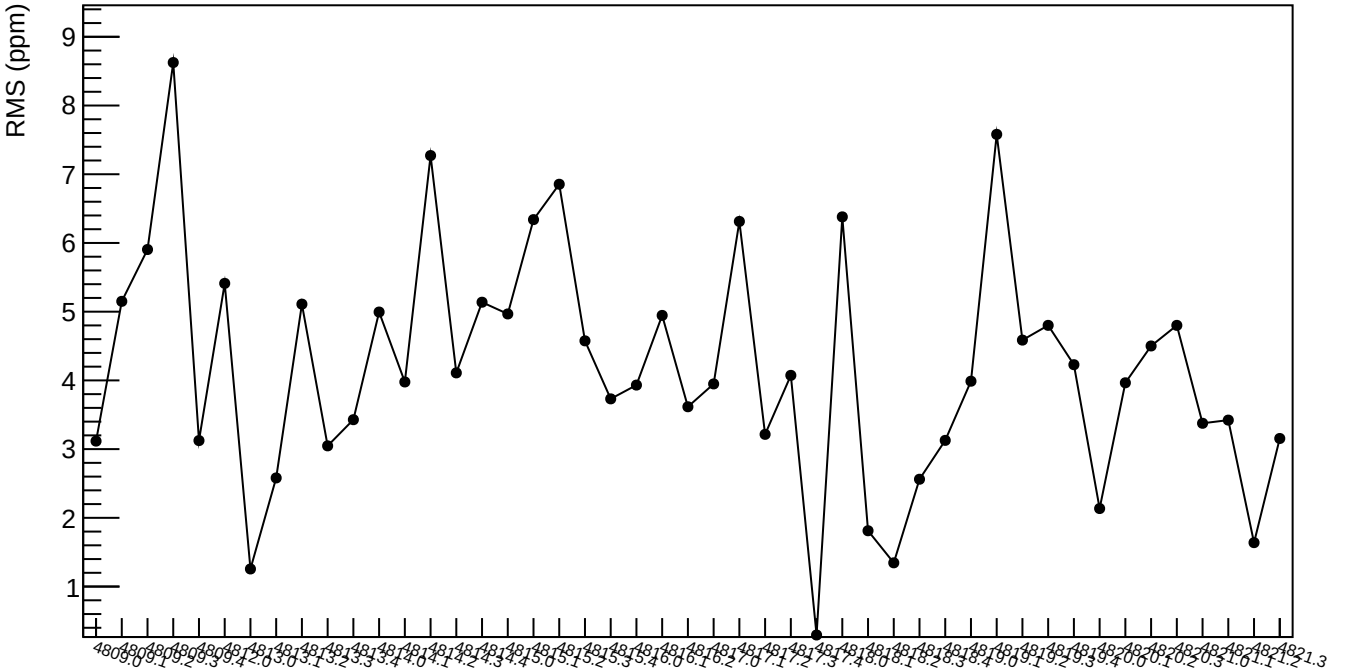

corr_usr_evMon7 (ppb)
χ² / ndf 41.59 / 46
p0 −36.39 ± 18.6
1D pull distribution
Mean −0.03034 ± 0.1371
Std Dev 0.9402 ± 0.09697
Underflow 0
Overflow 0
χ² / ndf 5.196 / 6
Constant 8.482 ± 1.799
Mean −0.1618 ± 0.1995
Sigma 1.09 ± 0.20

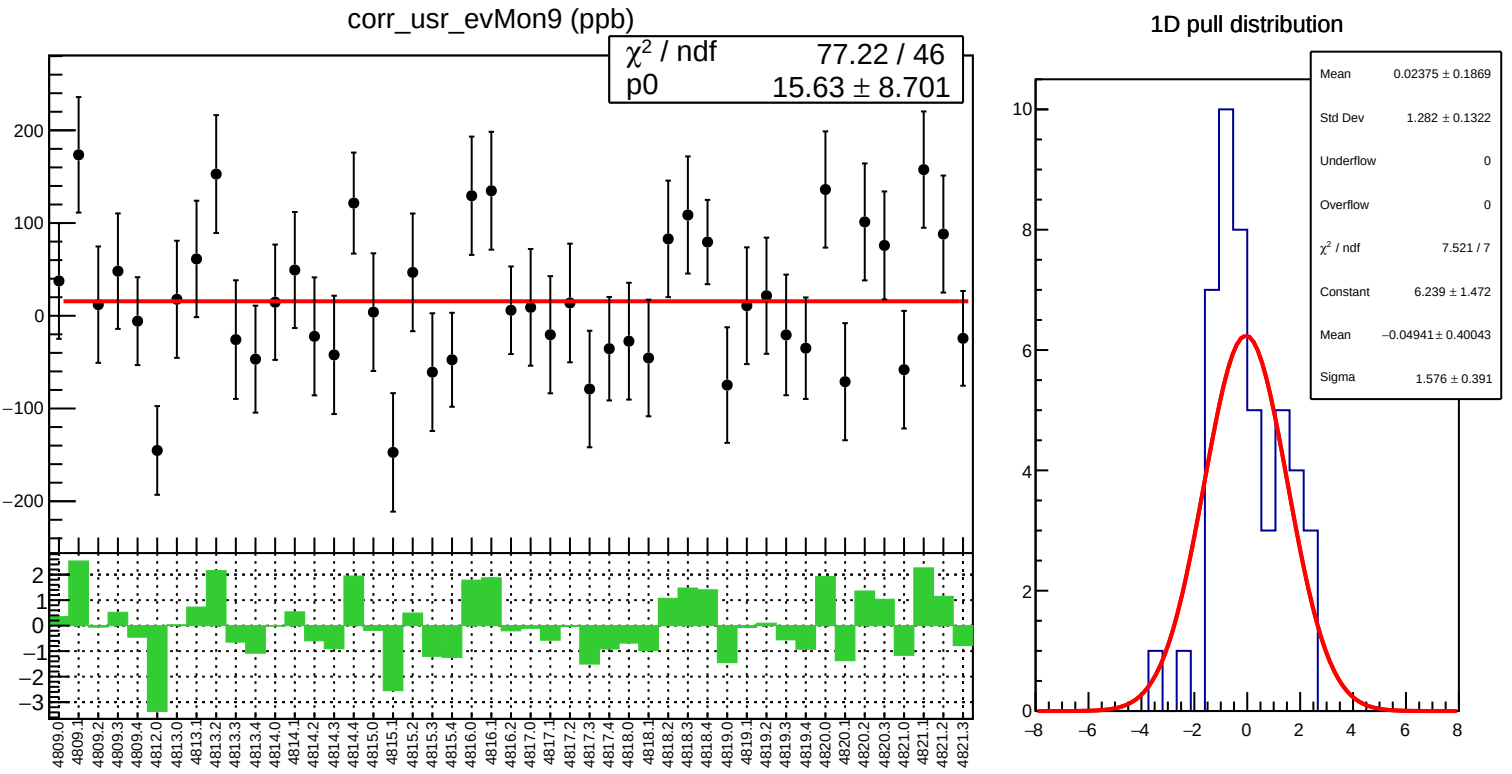
corr_usr_evMon7 RMS (ppm)



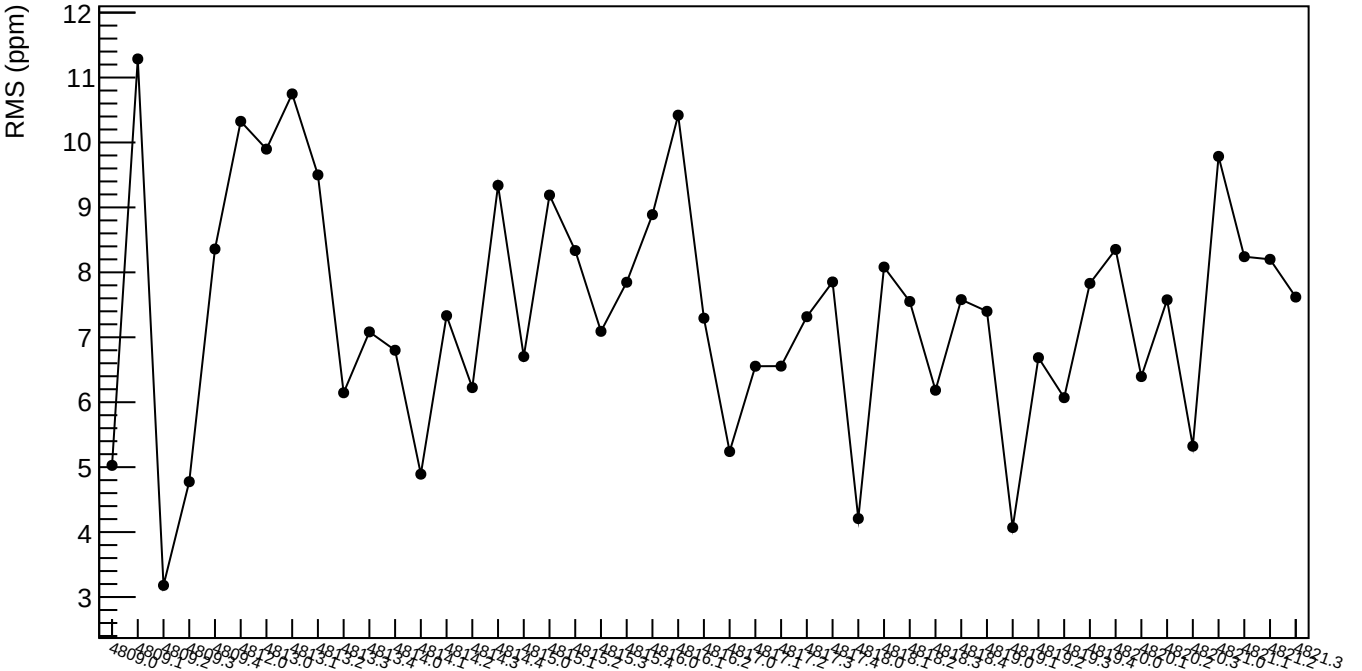

corr_usr_evMon8 (ppb)
χ² / ndf 16.01 / 46
p0 4.354 ± 9.356
1D pull distribution
Mean 0.0005096 ± 0.08515
Std Dev 0.5837 ± 0.06021
Underflow 0
Overflow 0
χ² / ndf 0.9627 / 3
Constant 16.74 ± 2.97
Mean 0.02008 ± 0.08944
Sigma 0.588 ± 0.061

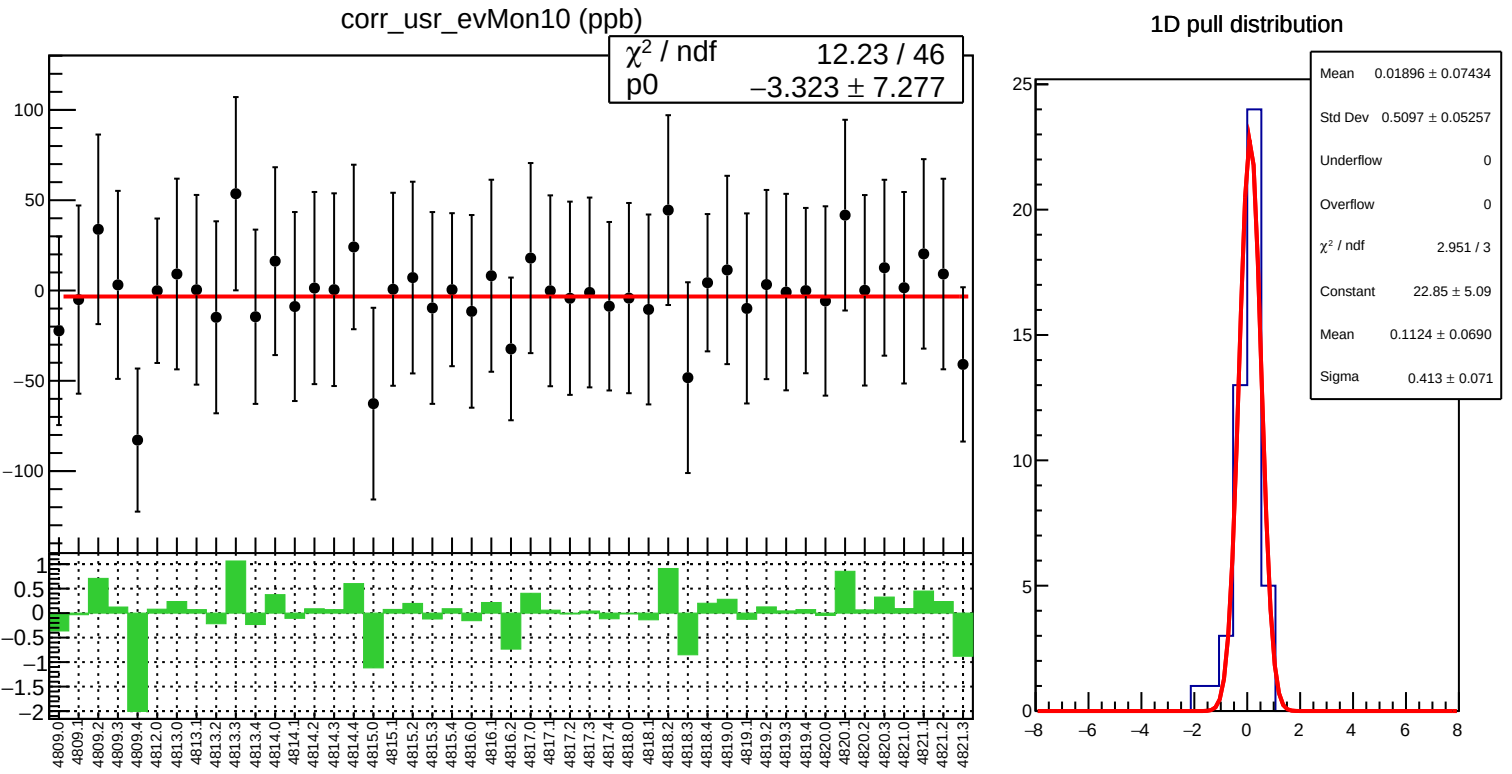
corr_usr_evMon8 RMS (ppm)



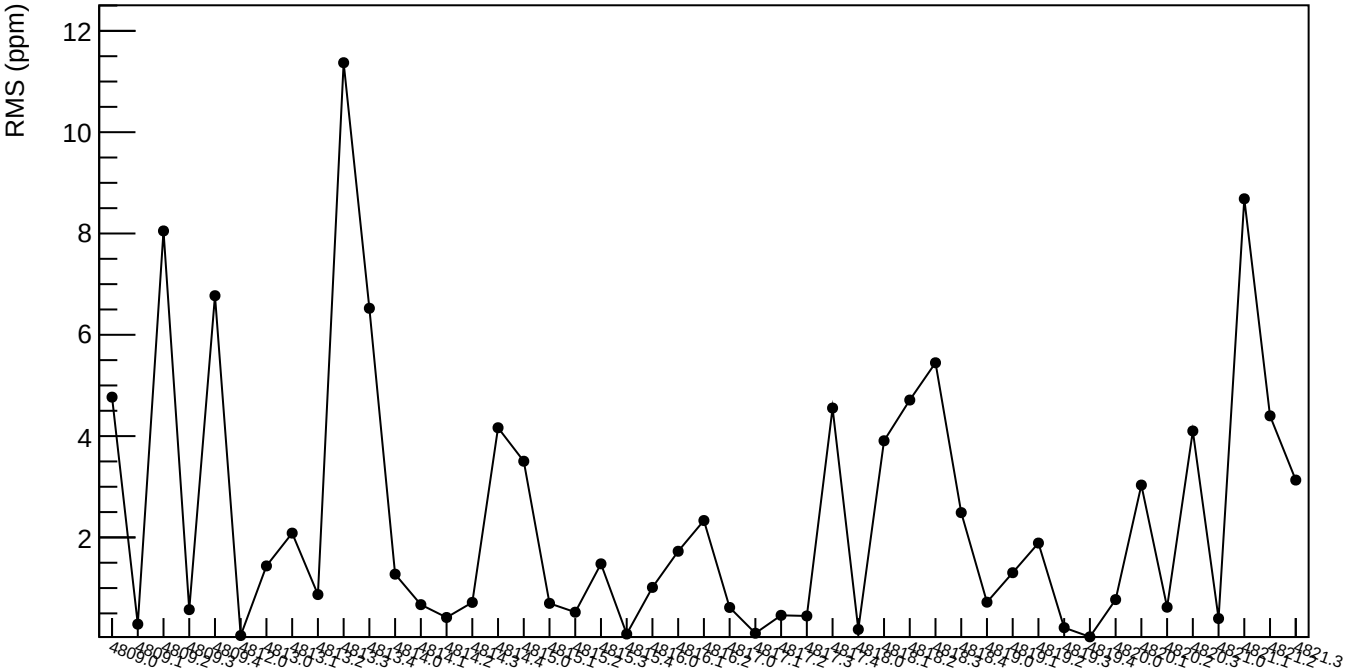

corr_usr_evMon9 (ppb)
χ² / ndf 77.22 / 46
p0 15.63 ± 8.701
1D pull distribution
Mean 0.02375 ± 0.1869
Std Dev 1.282 ± 0.1322
Underflow 0
Overflow 0
χ² / ndf 7.521 / 7
Constant 6.239 ± 1.472
Mean −0.04941 ± 0.40043
Sigma 1.576 ± 0.391

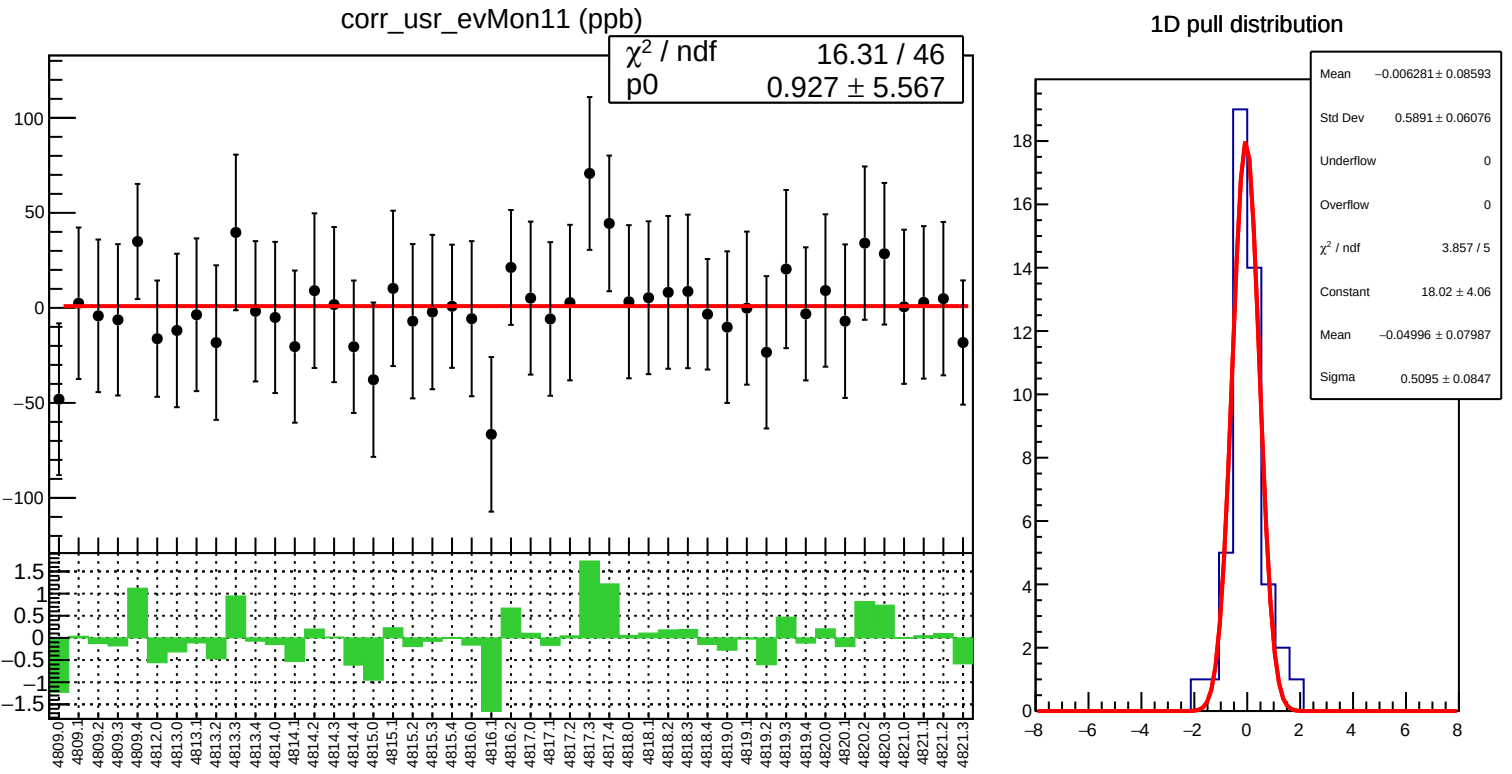
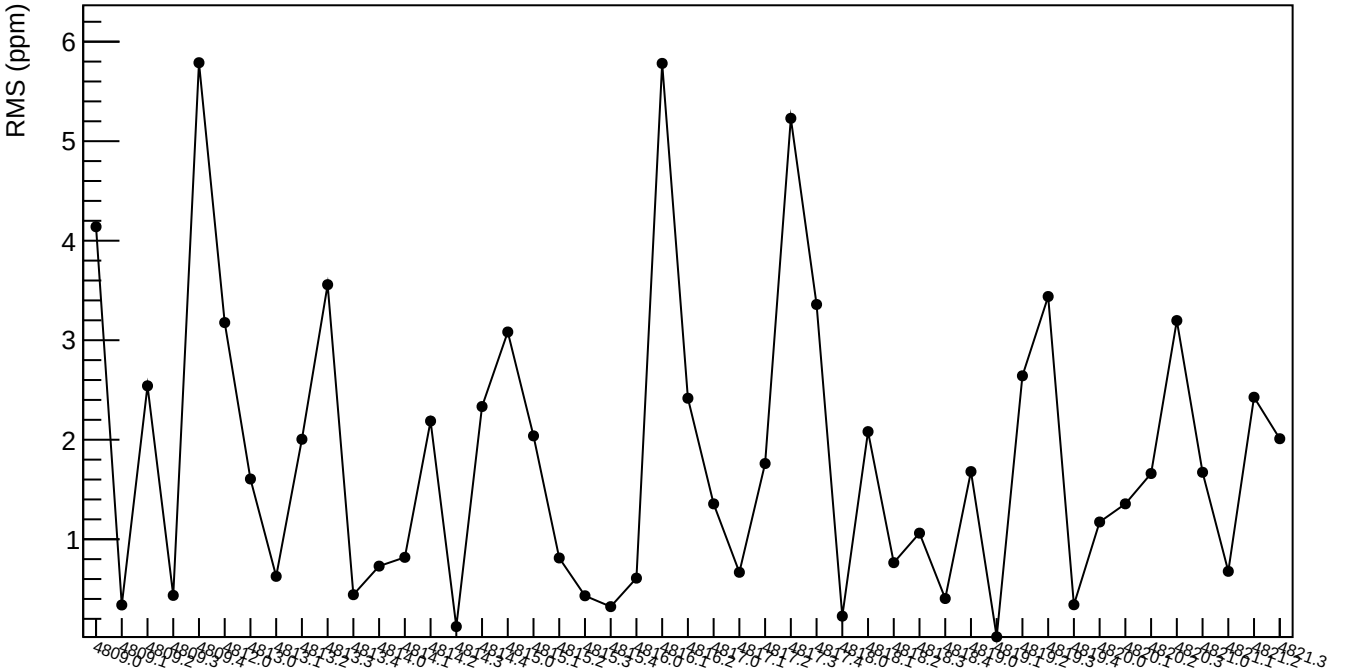
corr_usr_evMon9 RMS (ppm)




corr_usr_evMon10 (ppb)
χ² / ndf 12.23 / 46
p0 −3.323 ± 7.277
1D pull distribution
Mean 0.01896 ± 0.07434
Std Dev 0.5097 ± 0.05257
Underflow 0
Overflow 0
χ² / ndf 2.951 / 3
Constant 22.85 ± 5.09
Mean 0.1124 ± 0.0690
Sigma 0.413 ± 0.071

corr_usr_evMon10 RMS (ppm)




corr_usr_evMon11 (ppb)
χ² / ndf 16.31 / 46
p0 0.927 ± 5.567
1D pull distribution
Mean −0.006281 ± 0.08593
Std Dev 0.5891 ± 0.06076
Underflow 0
Overflow 0
χ² / ndf 3.857 / 5
Constant 18.02 ± 4.06
Mean −0.04996 ± 0.07987
Sigma 0.5095 ± 0.0847

corr_usr_evMon11 RMS (ppm)