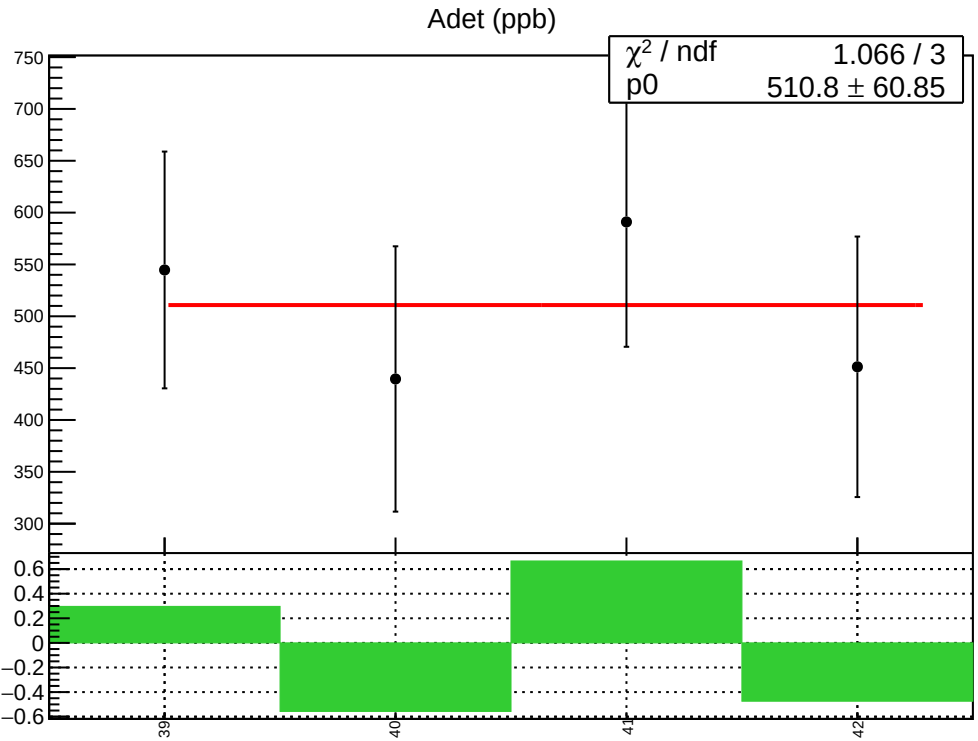
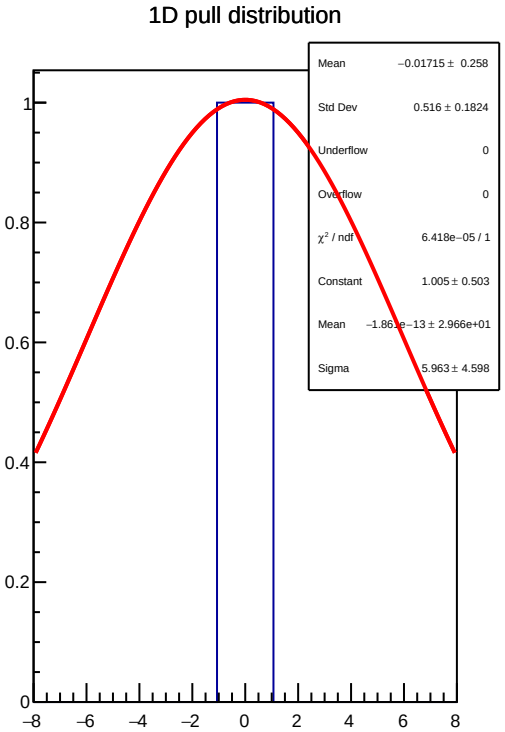
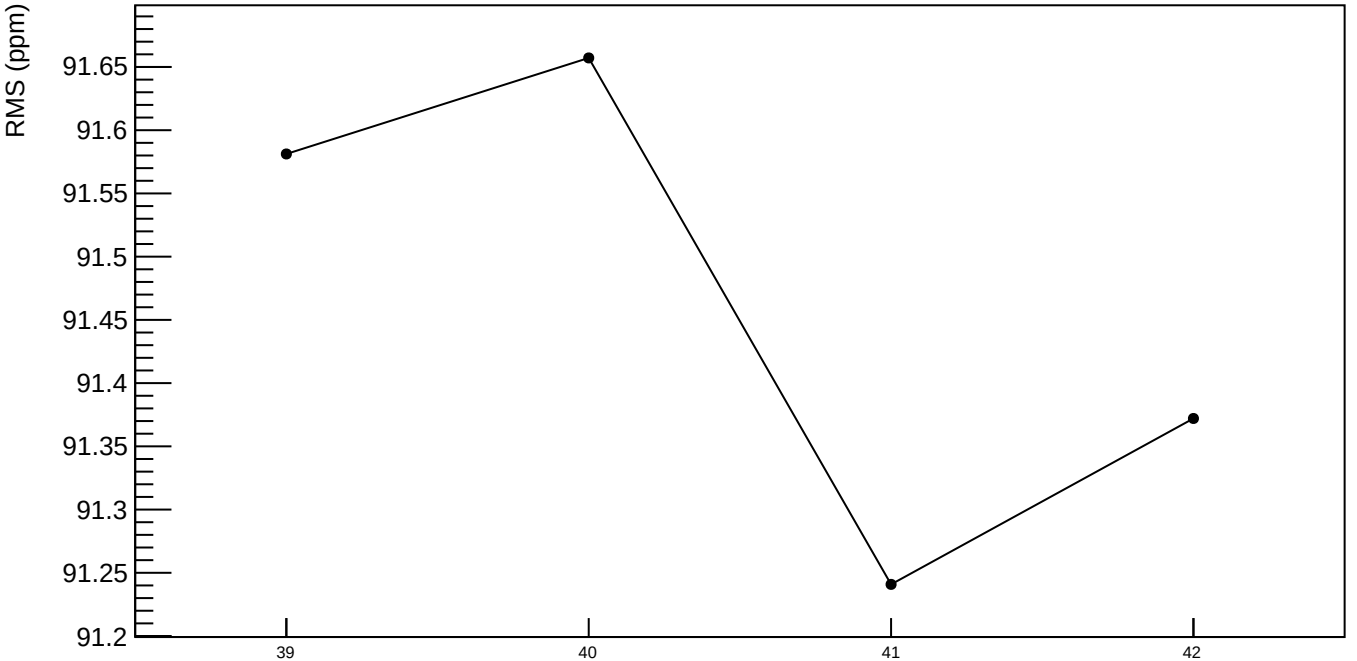
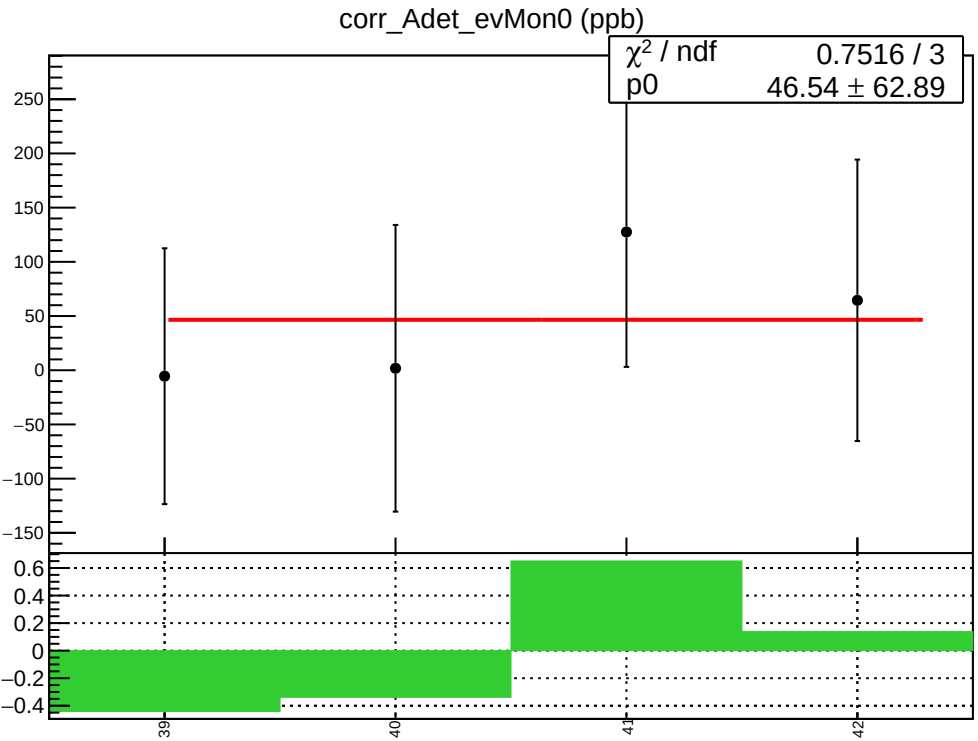
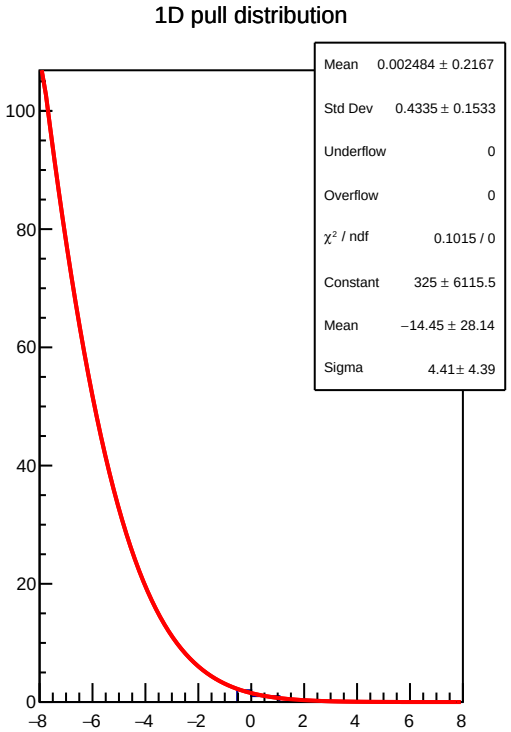

Adet (ppb)
χ² / ndf 1.066 / 3
p0 510.8 ± 60.85
750
700
650
600
550
500
450
400
350
300
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

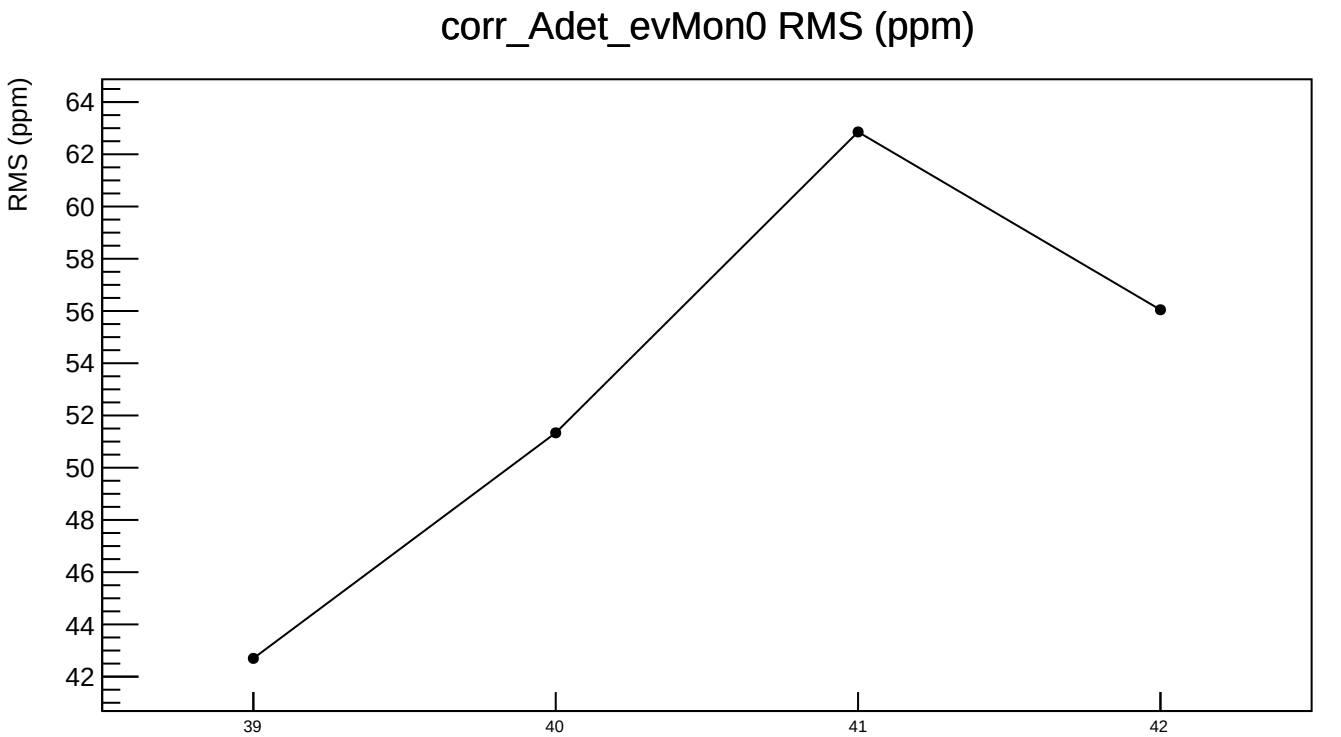

1D pull distribution
Mean −0.01715 ± 0.258
Std Dev 0.516 ± 0.1824
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

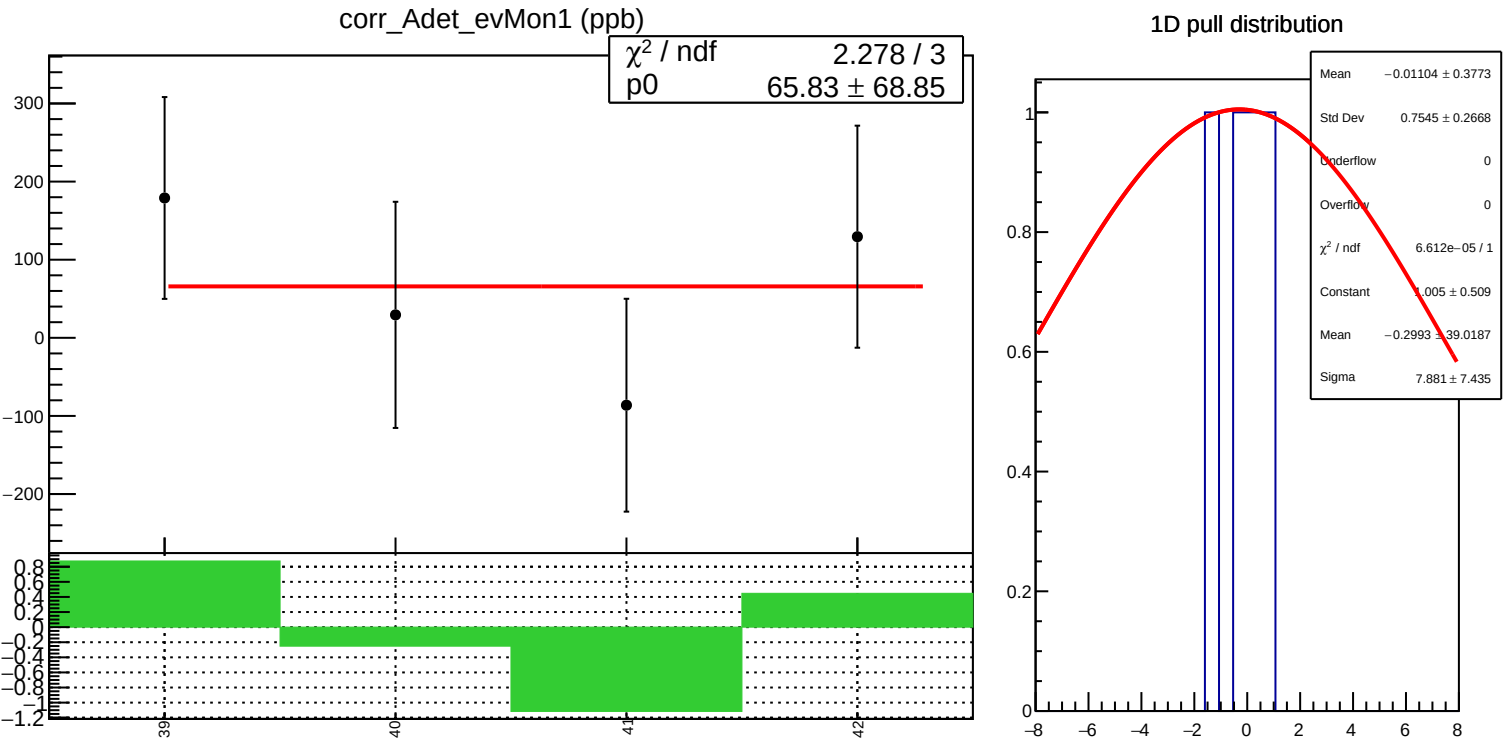
Adet RMS (ppm)



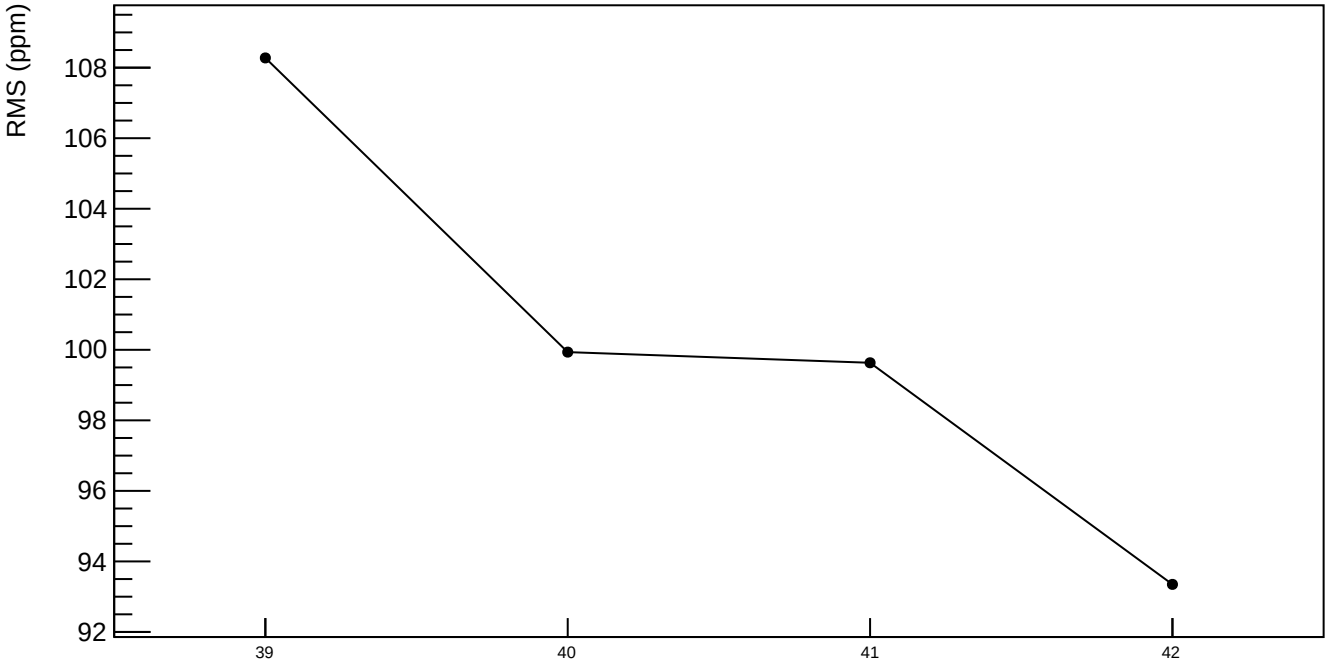

corr_Adet_evMon0 (ppb)
χ² / ndf 0.7516 / 3
p0 46.54 ± 62.89
250
200
150
100
50
0
−50
−100
−150
0.6
0.4
0.2
0
−0.2
−0.4
39
40
41
42

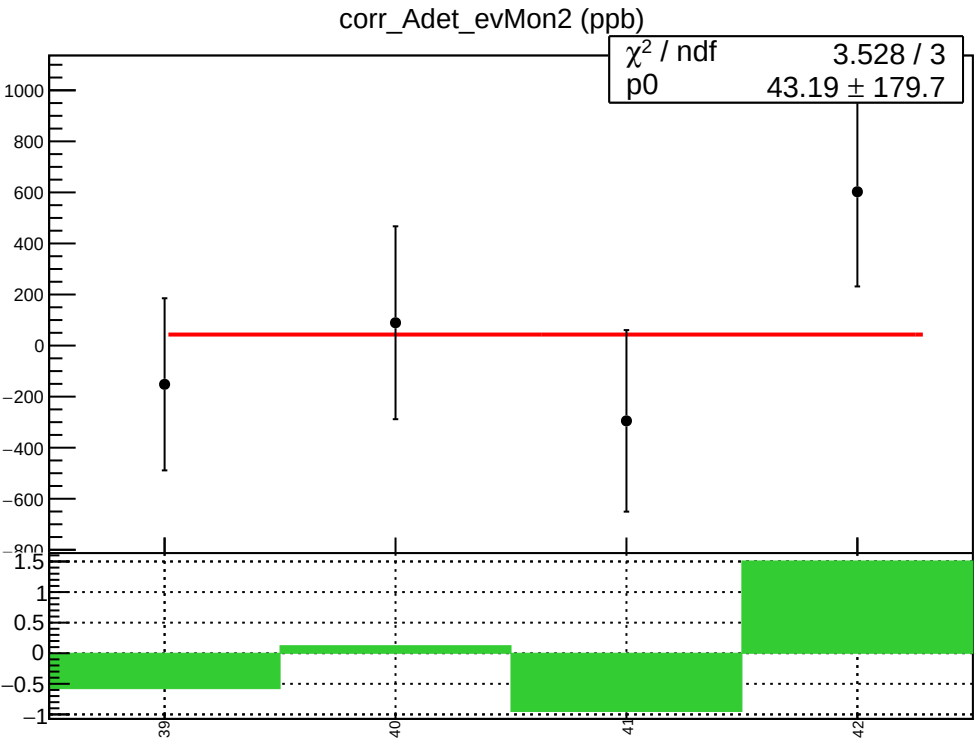

1D pull distribution
Mean 0.002484 ± 0.2167
Std Dev 0.4335 ± 0.1533
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 325 ± 6115.5
Mean −14.45 ± 28.14
Sigma 4.41± 4.39
100
80
60
40
20
0
−8
−6
−4
−2
0
2
4
6
8

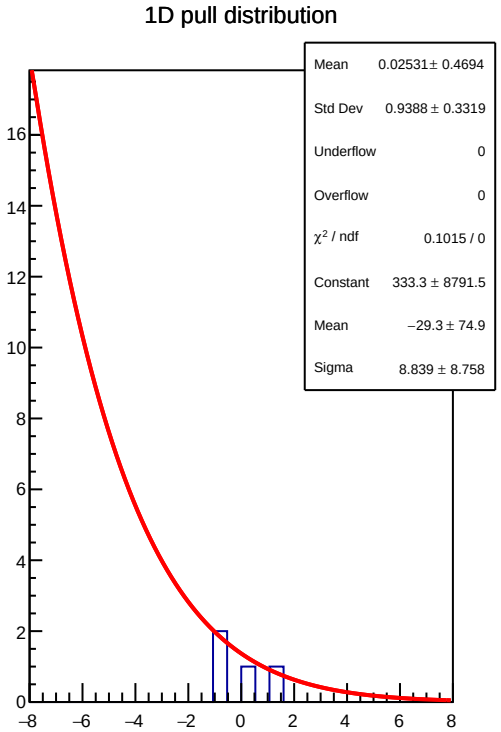

corr_Adet_evMon0 RMS (ppm)
RMS (ppm)
64
62
60
58
56
54
52
50
48
46
44
42
39
40
41
42


corr_Adet_evMon1 (ppb)
χ² / ndf 2.278 / 3
p0 65.83 ± 68.85
1D pull distribution
Mean −0.01104 ± 0.3773
Std Dev 0.7545 ± 0.2668
Underflow 0
Overflow 0
χ² / ndf 6.612e−05 / 1
Constant 1.005 ± 0.509
Mean −0.2993 ± 39.0187
Sigma 7.881 ± 7.435

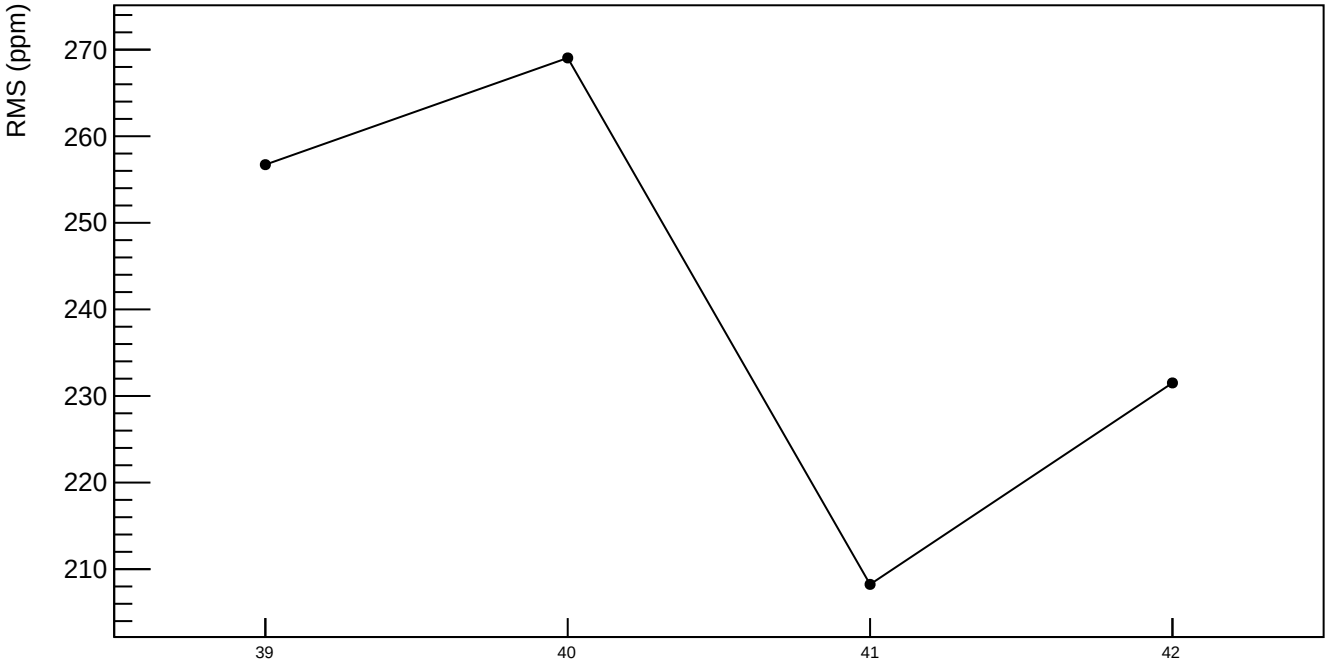
corr_Adet_evMon1 RMS (ppm)

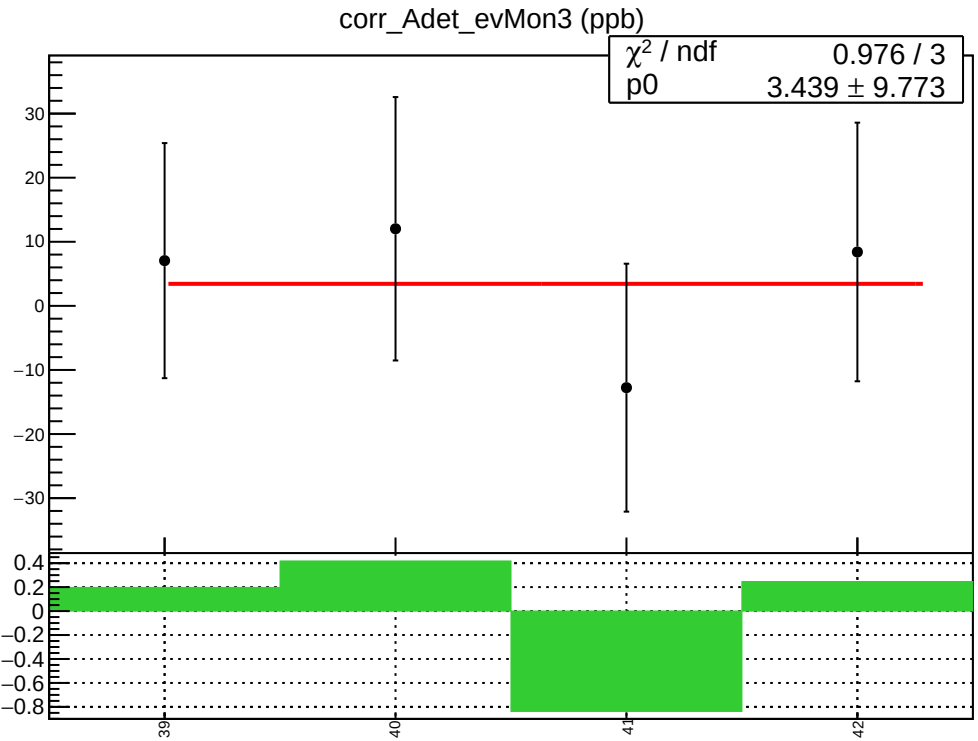


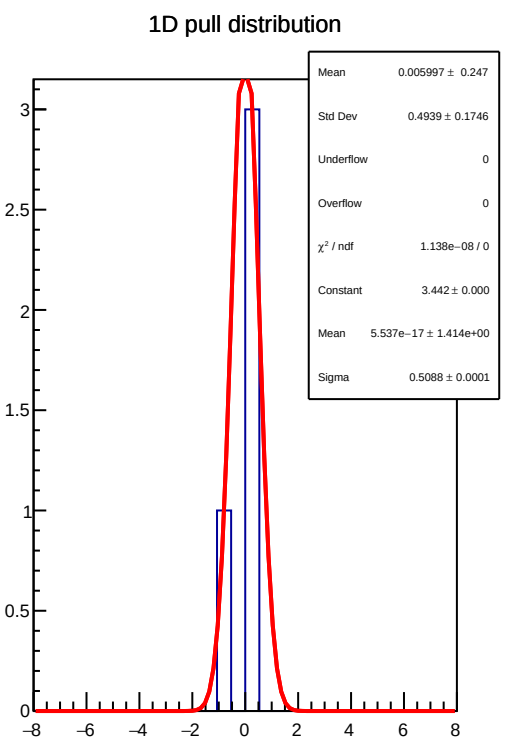

corr_Adet_evMon2 (ppb)
χ² / ndf 3.528 / 3
p0 43.19 ± 179.7
1000
800
600
400
200
0
−200
−400
−600
−800
1.5
1
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean 0.02531 ± 0.4694
Std Dev 0.9388 ± 0.3319
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

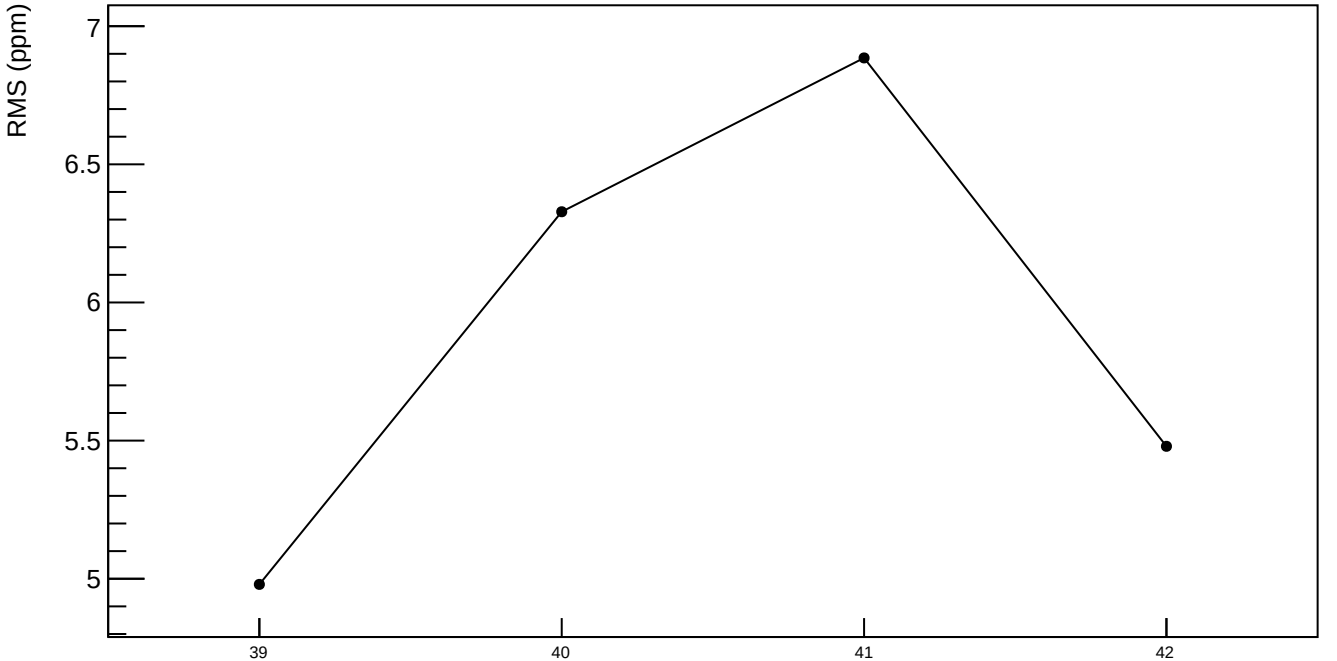
corr_Adet_evMon2 RMS (ppm)

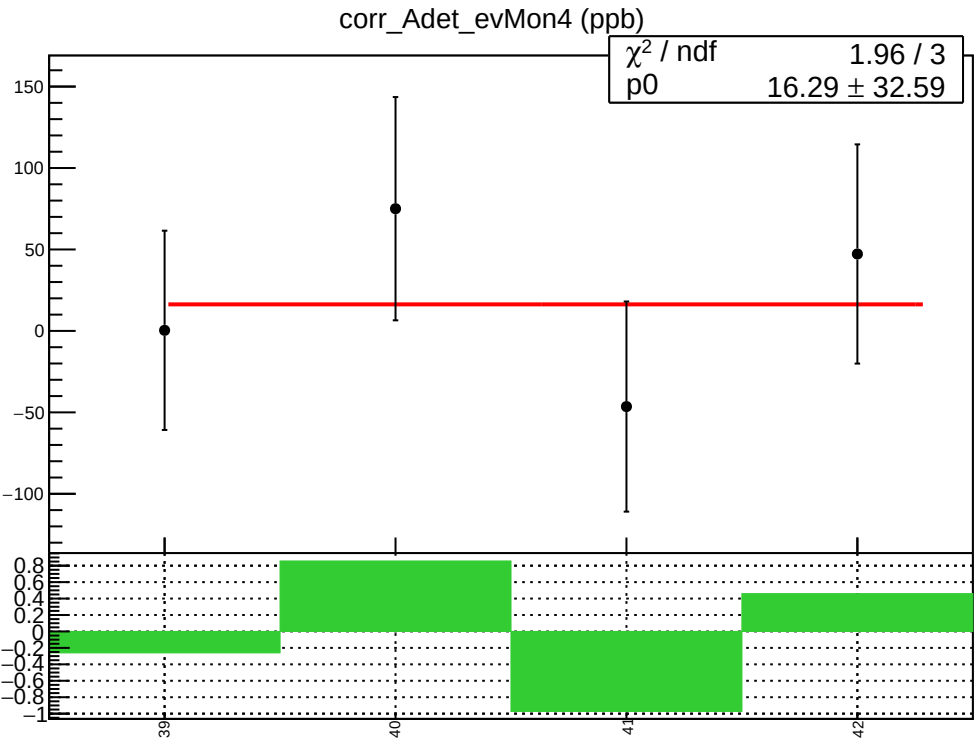


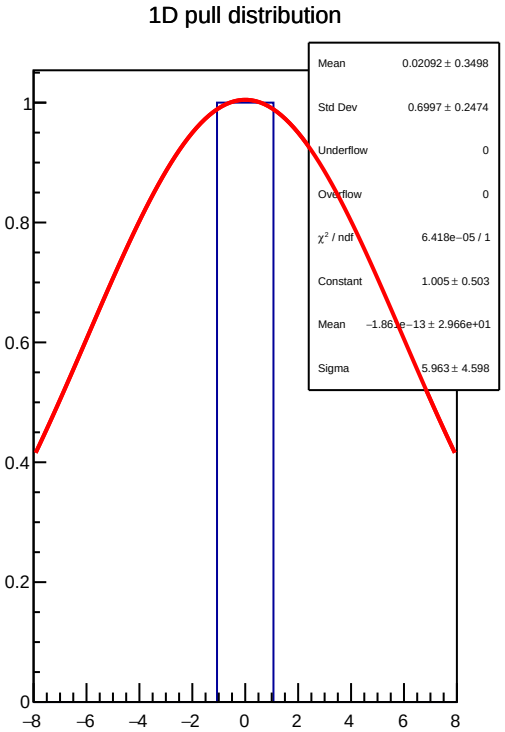

corr_Adet_evMon3 (ppb)
χ² / ndf 0.976 / 3
p0 3.439 ± 9.773
30
20
10
0
−10
−20
−30
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42


1D pull distribution
Mean 0.005997 ± 0.247
Std Dev 0.4939 ± 0.1746
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

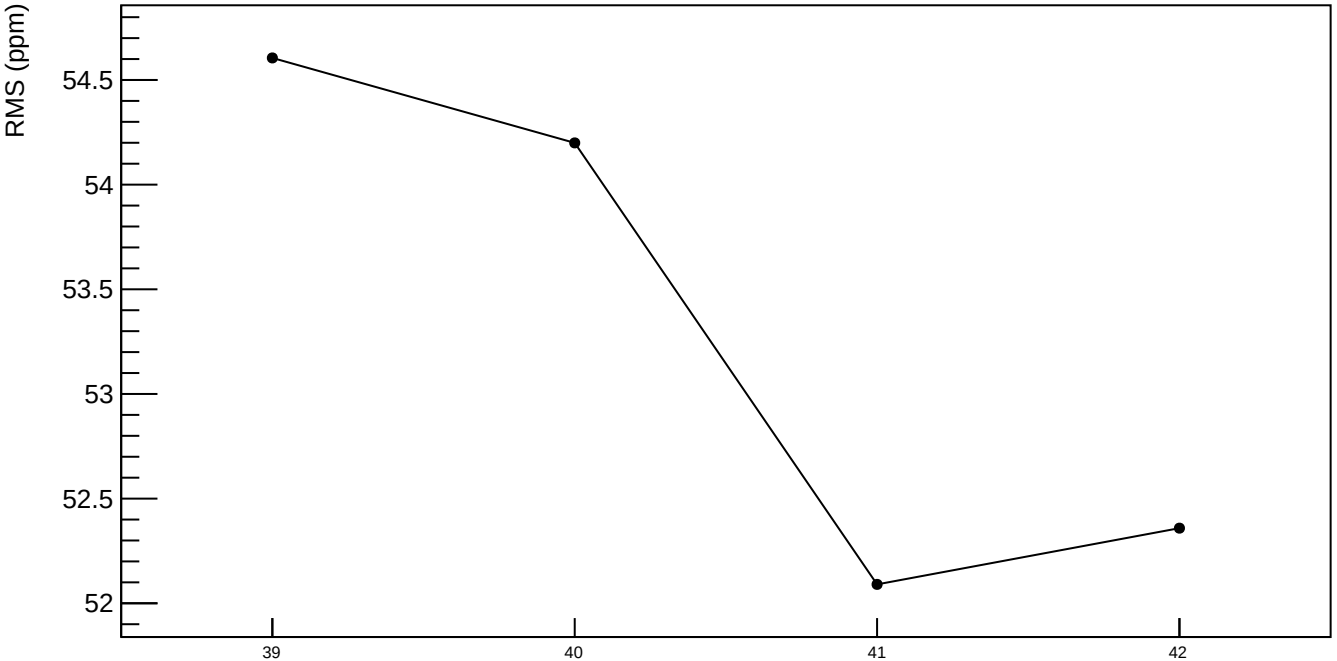
corr_Adet_evMon3 RMS (ppm)

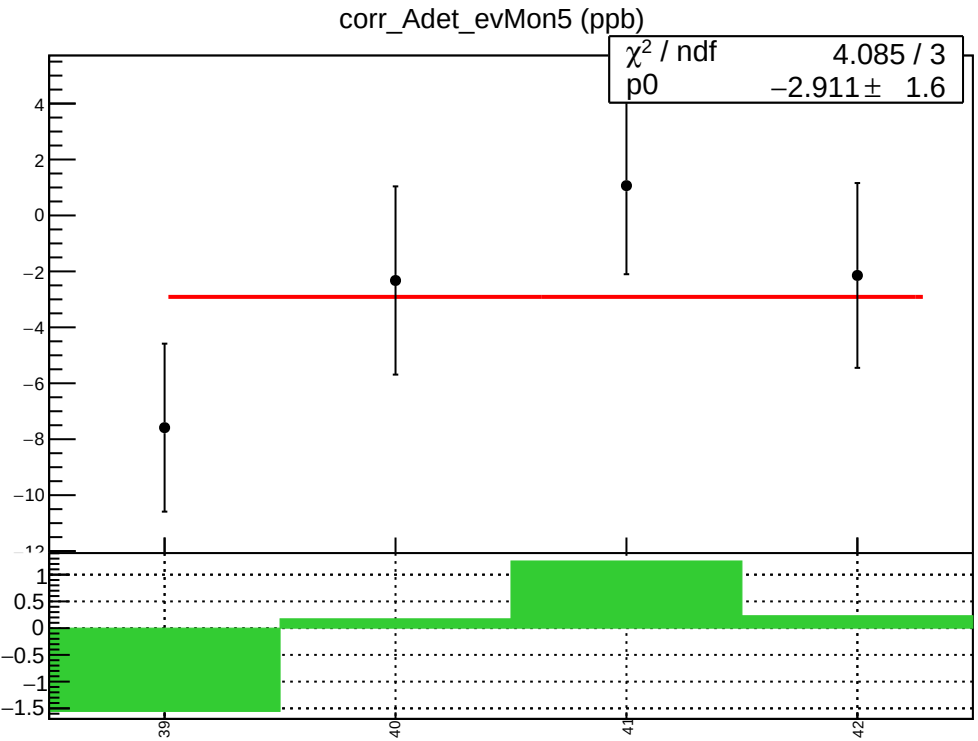


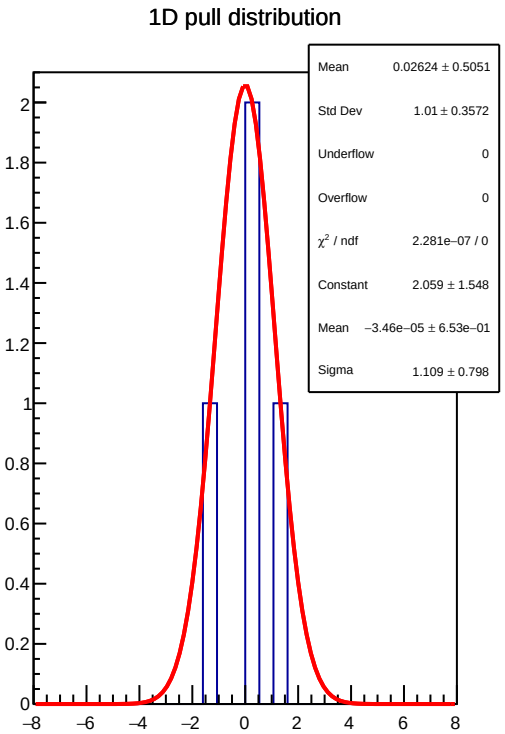

corr_Adet_evMon4 (ppb)
χ² / ndf 1.96 / 3
p0 16.29 ± 32.59
150
100
50
0
−50
−100
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
39
40
41
42

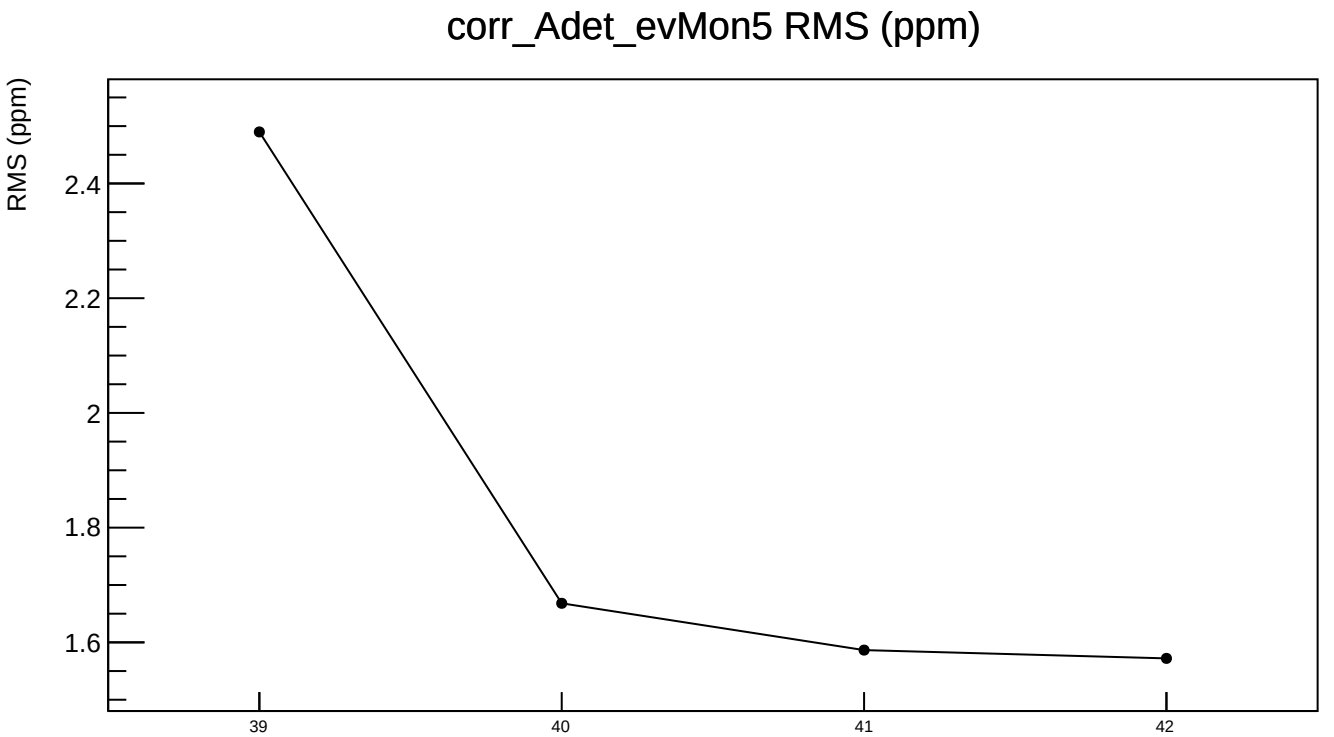

1D pull distribution
Mean 0.02092 ± 0.3498
Std Dev 0.6997 ± 0.2474
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

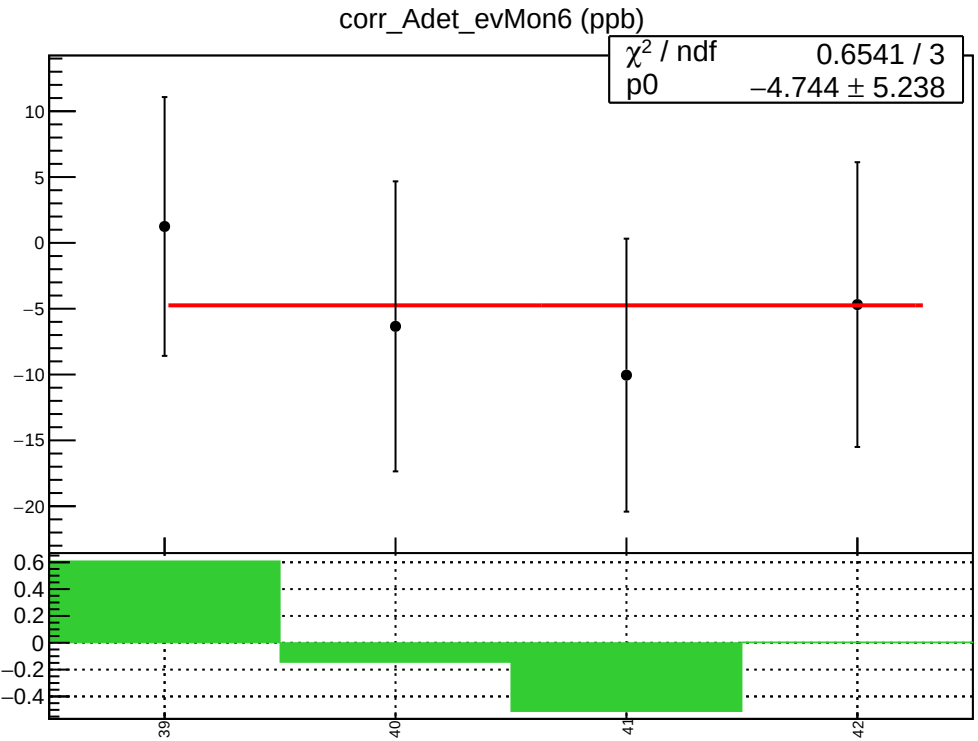
corr_Adet_evMon4 RMS (ppm)

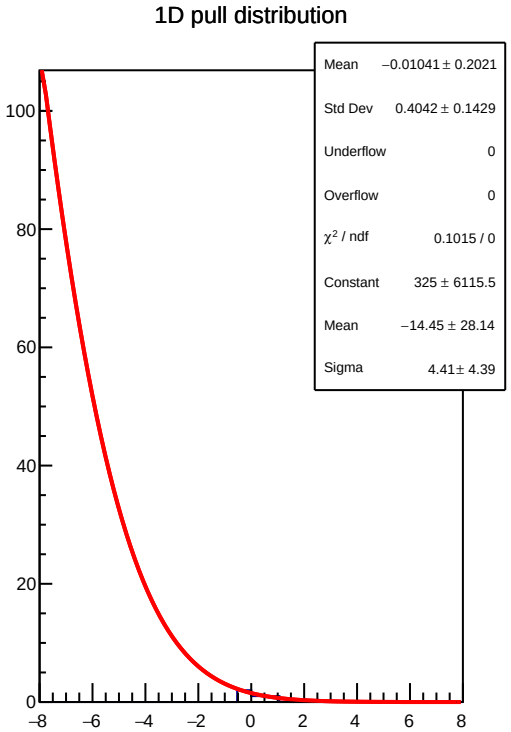



corr_Adet_evMon5 (ppb)
χ² / ndf 4.085 / 3
p0 −2.911 ± 1.6
39
40
41
42

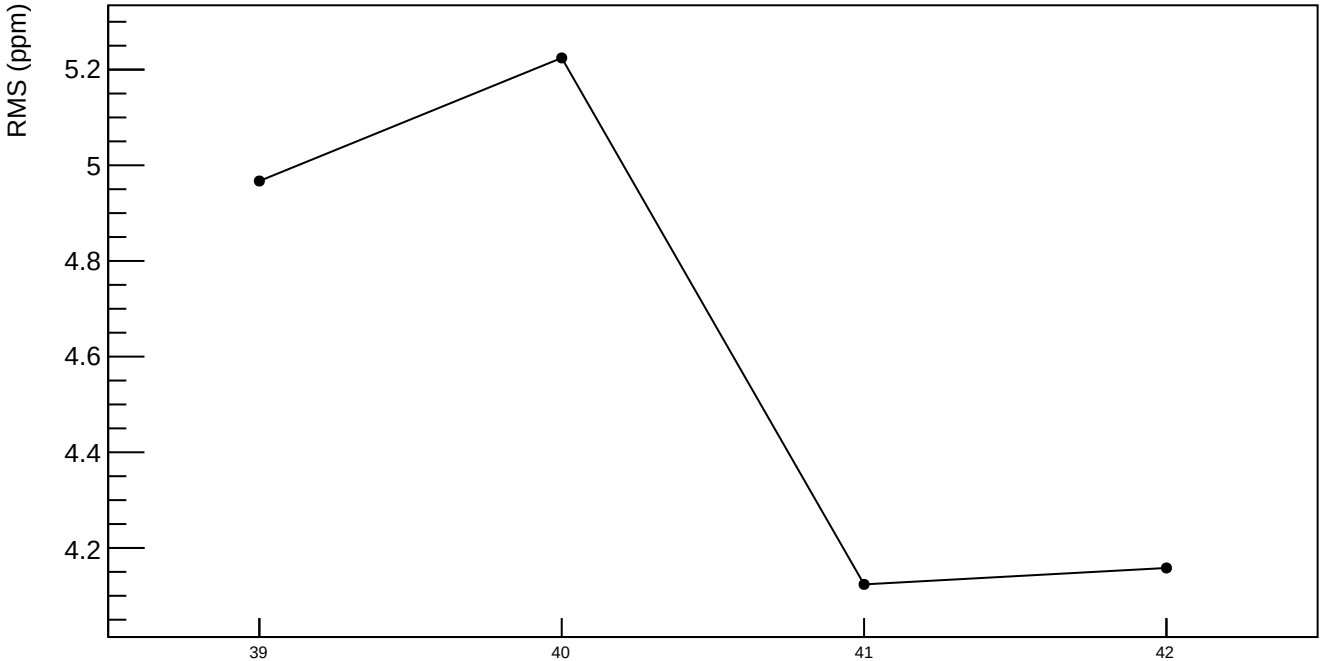

1D pull distribution
Mean 0.02624 ± 0.5051
Std Dev 1.01 ± 0.3572
Underflow 0
Overflow 0
χ² / ndf 2.281e−07 / 0
Constant 2.059 ± 1.548
Mean −3.46e−05 ± 6.53e−01
Sigma 1.109 ± 0.798

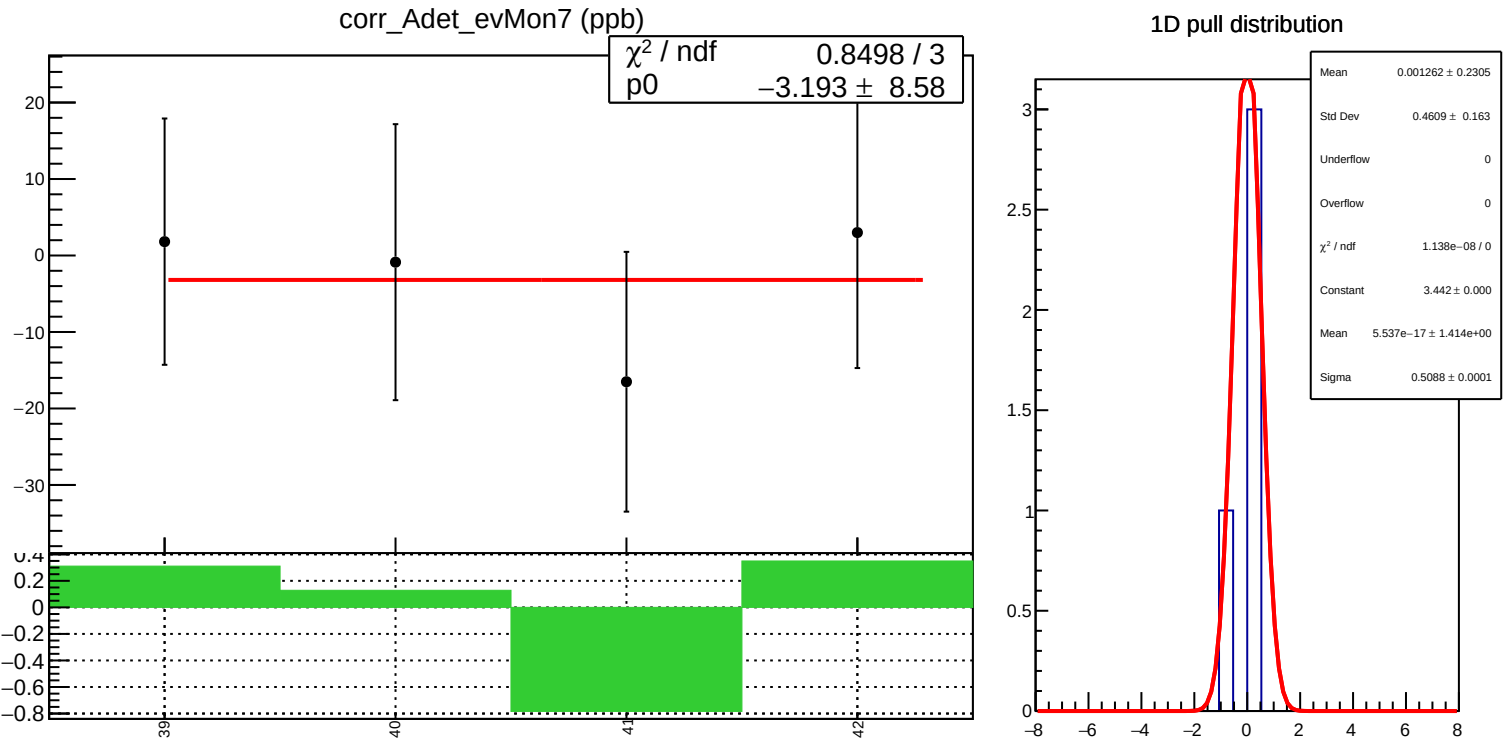

corr_Adet_evMon5 RMS (ppm)
RMS (ppm)
2.4
2.2
2
1.8
1.6
39
40
41
42


corr_Adet_evMon6 (ppb)
χ² / ndf 0.6541 / 3
p0 −4.744 ± 5.238
10
5
0
−5
−10
−15
−20
0.6
0.4
0.2
0
−0.2
−0.4
39
40
41
42

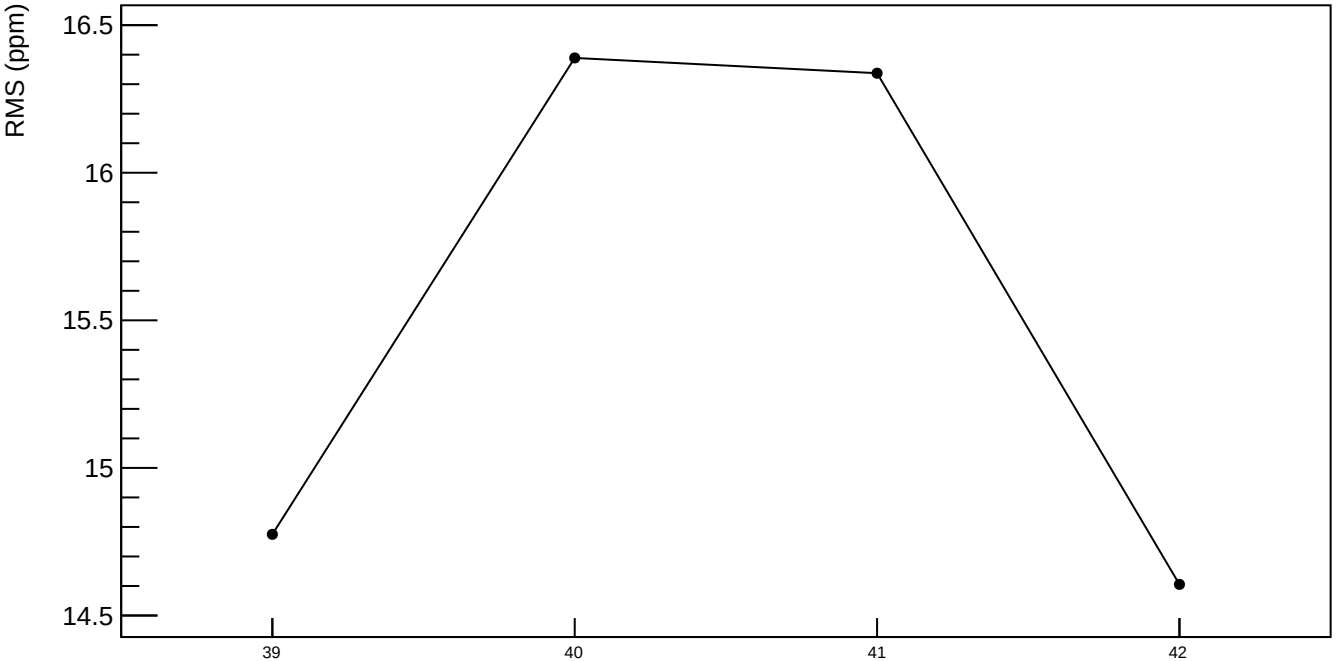

1D pull distribution
Mean −0.01041 ± 0.2021
Std Dev 0.4042 ± 0.1429
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 325 ± 6115.5
Mean −14.45 ± 28.14
Sigma 4.41± 4.39
100
80
60
40
20
0
−8
−6
−4
−2
0
2
4
6
8

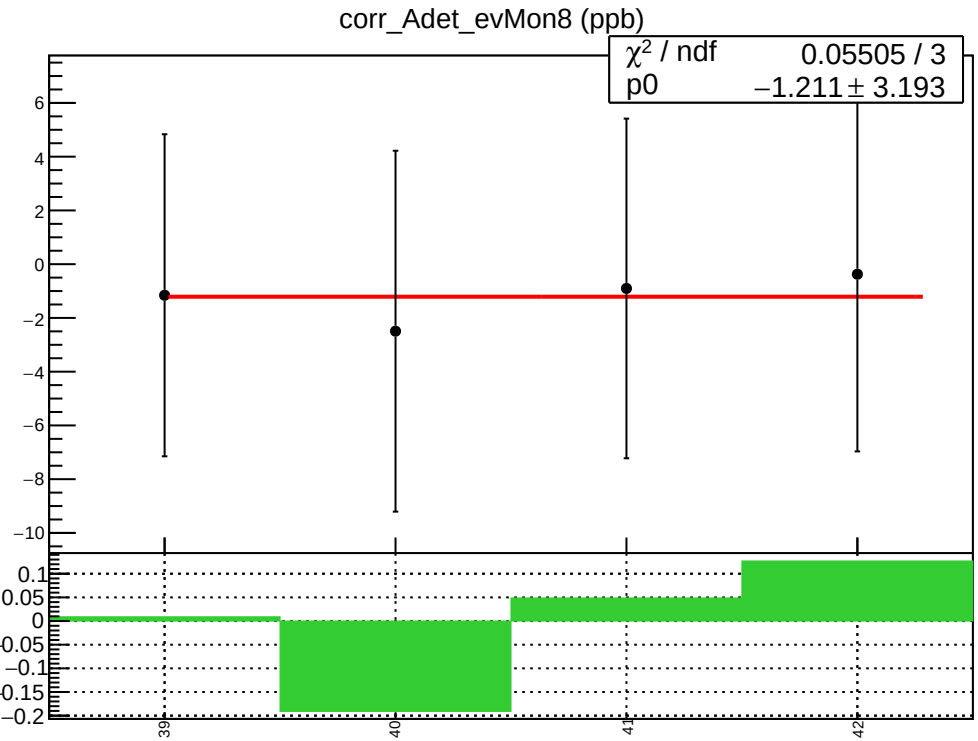
corr_Adet_evMon6 RMS (ppm)

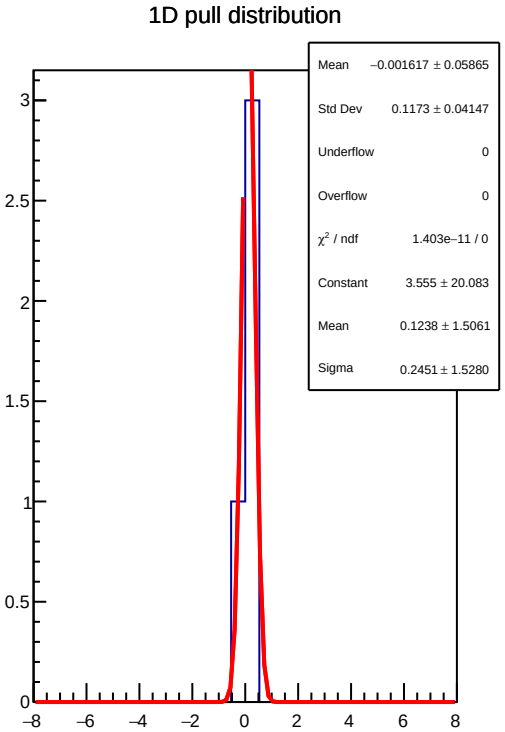


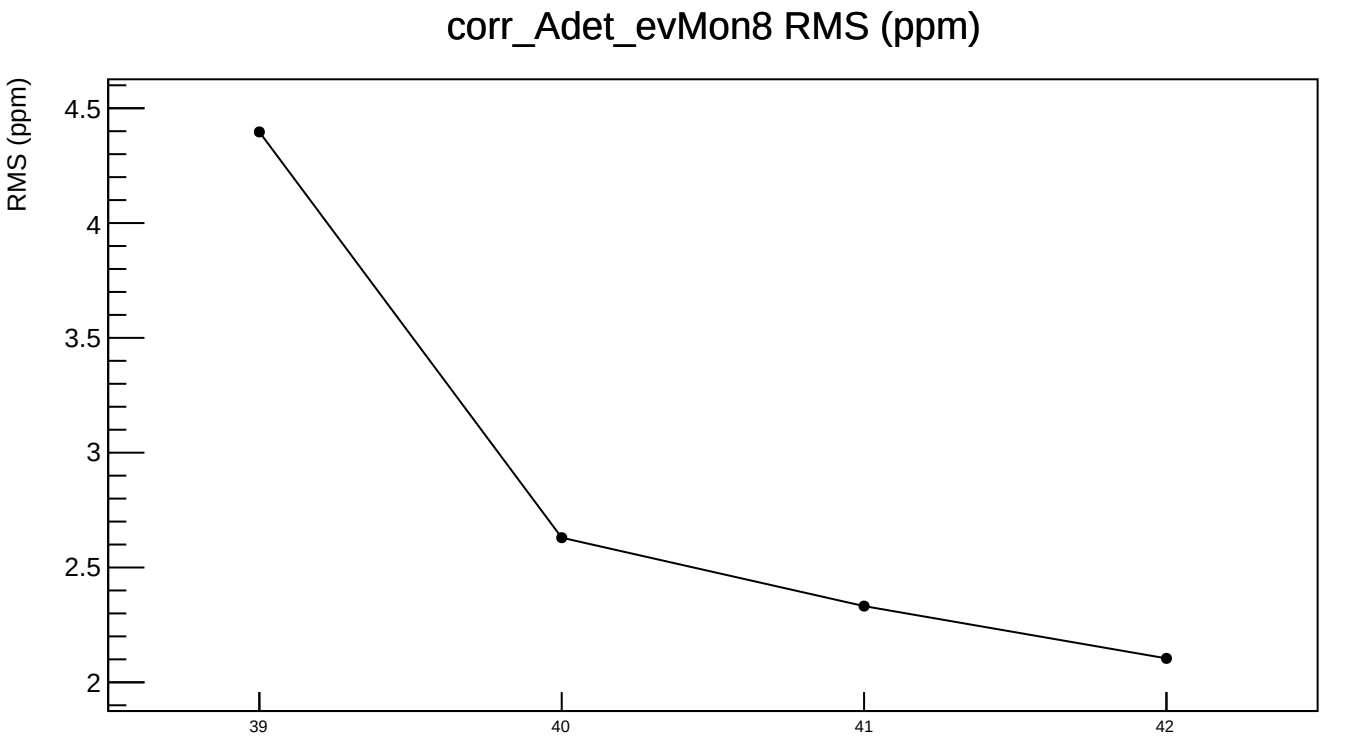

corr_Adet_evMon7 (ppb)
χ² / ndf 0.8498 / 3
p0 −3.193 ± 8.58
1D pull distribution
Mean 0.001262 ± 0.2305
Std Dev 0.4609 ± 0.163
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001

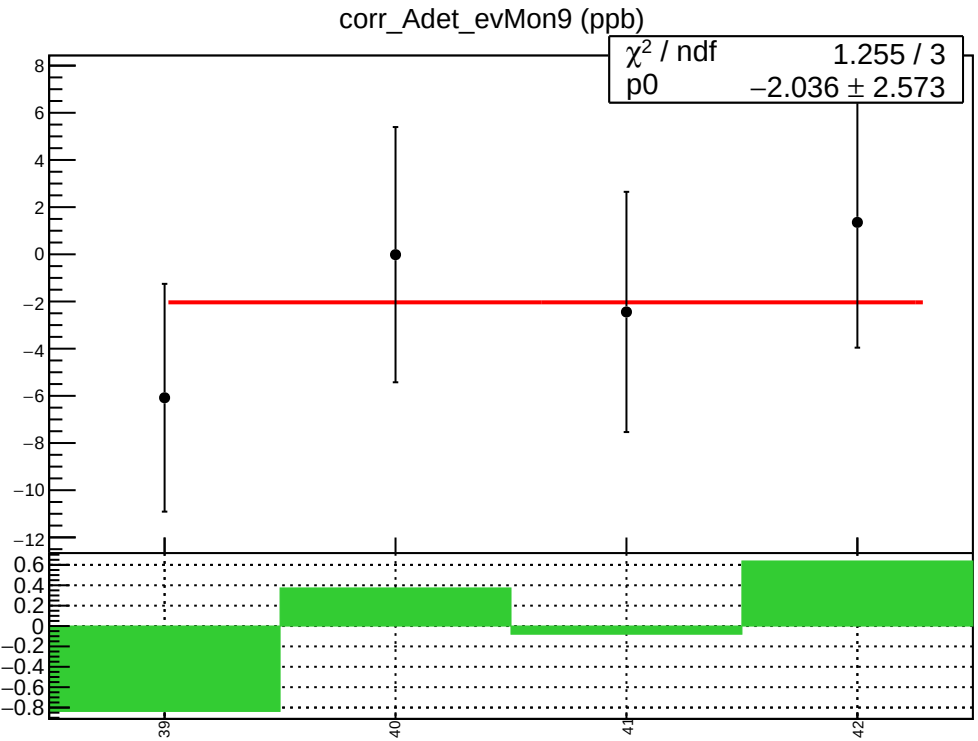
corr_Adet_evMon7 RMS (ppm)

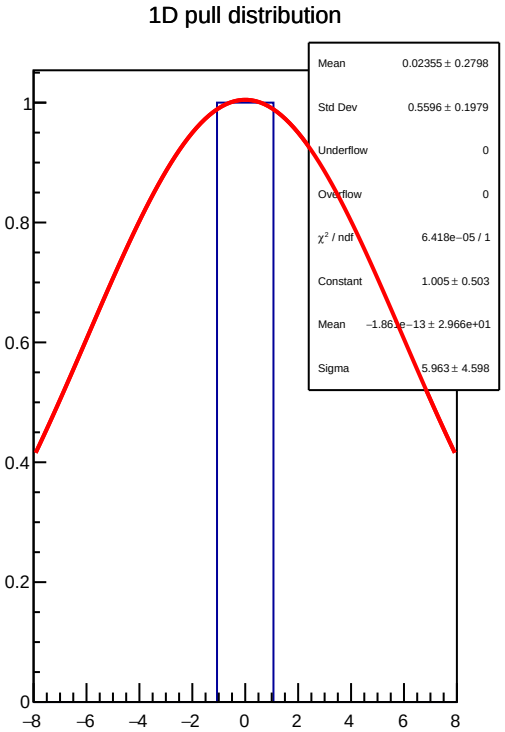



corr_Adet_evMon8 (ppb)
χ^2 / ndf 0.05505 / 3
p0 −1.211 ± 3.193
6
4
2
0
−2
−4
−6
−8
−10
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
39
40
41
42

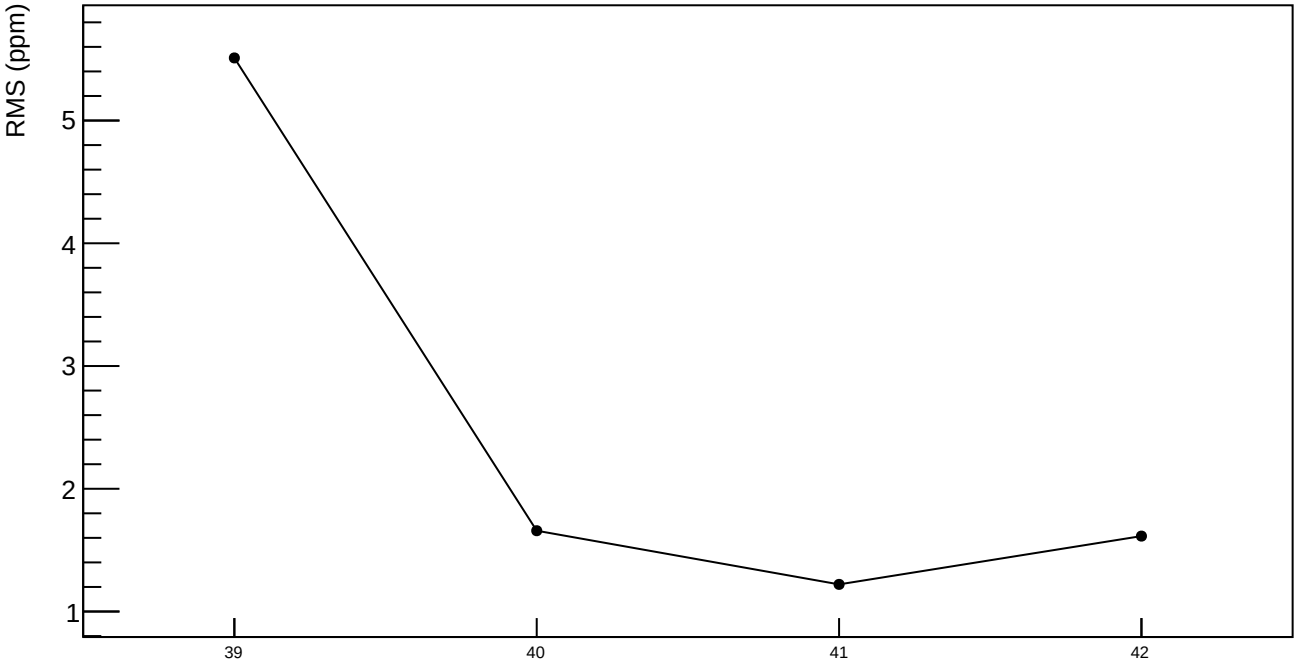

1D pull distribution
Mean −0.001617 ± 0.05865
Std Dev 0.1173 ± 0.04147
Underflow 0
Overflow 0
χ^2 / ndf 1.403e−11 / 0
Constant 3.555 ± 20.083
Mean 0.1238 ± 1.5061
Sigma 0.2451 ± 1.5280
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

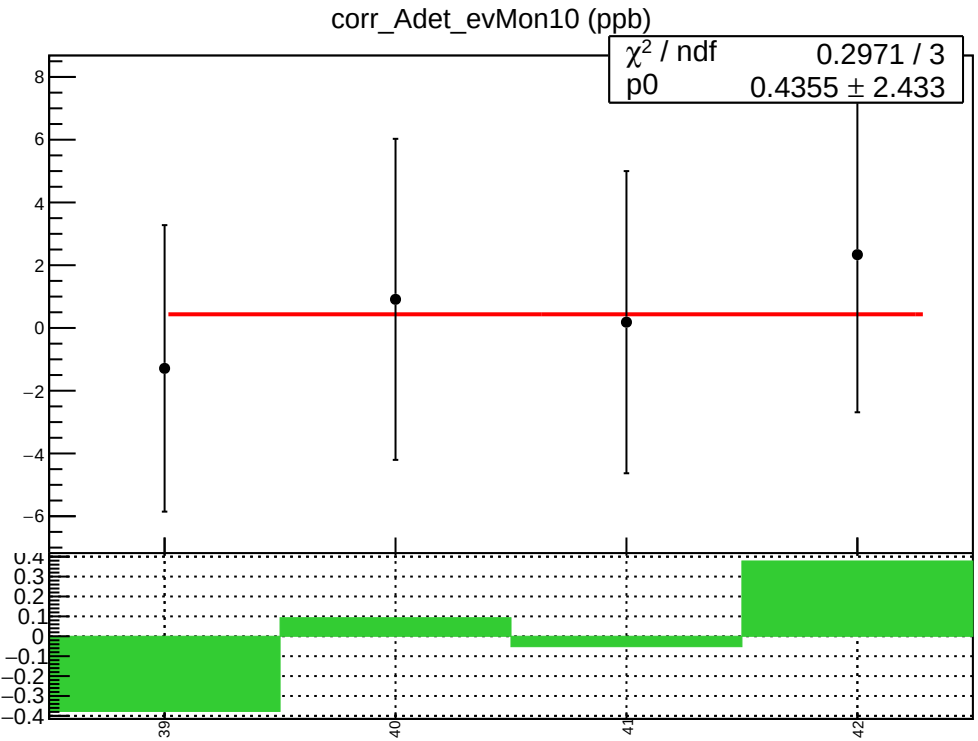

corr_Adet_evMon8 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
39
40
41
42

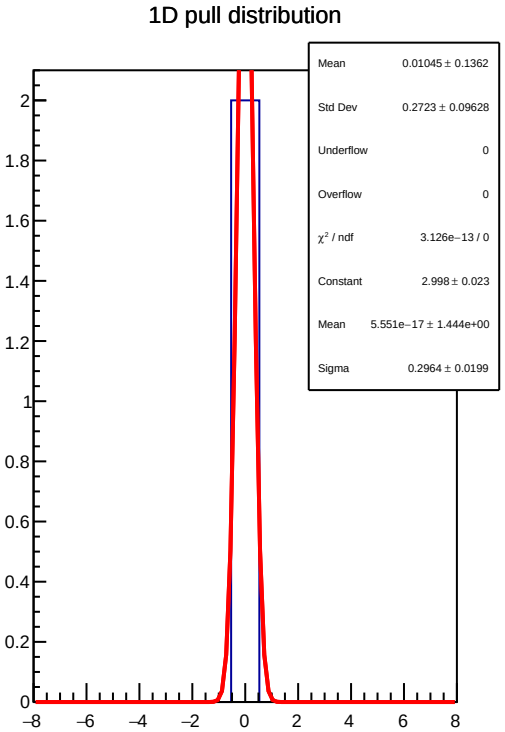

corr_Adet_evMon9 (ppb)
χ² / ndf 1.255 / 3
p0 −2.036 ± 2.573
8
6
4
2
0
−2
−4
−6
−8
−10
−12
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42


1D pull distribution
Mean 0.02355 ± 0.2798
Std Dev 0.5596 ± 0.1979
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

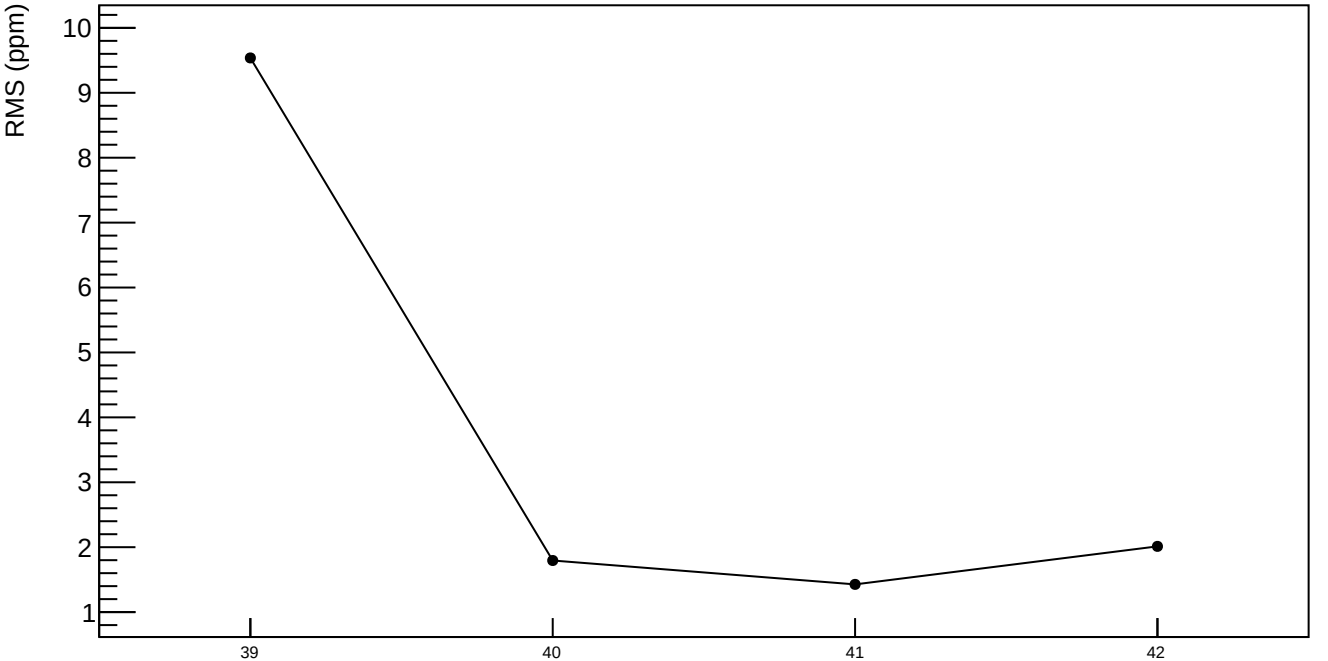
corr_Adet_evMon9 RMS (ppm)

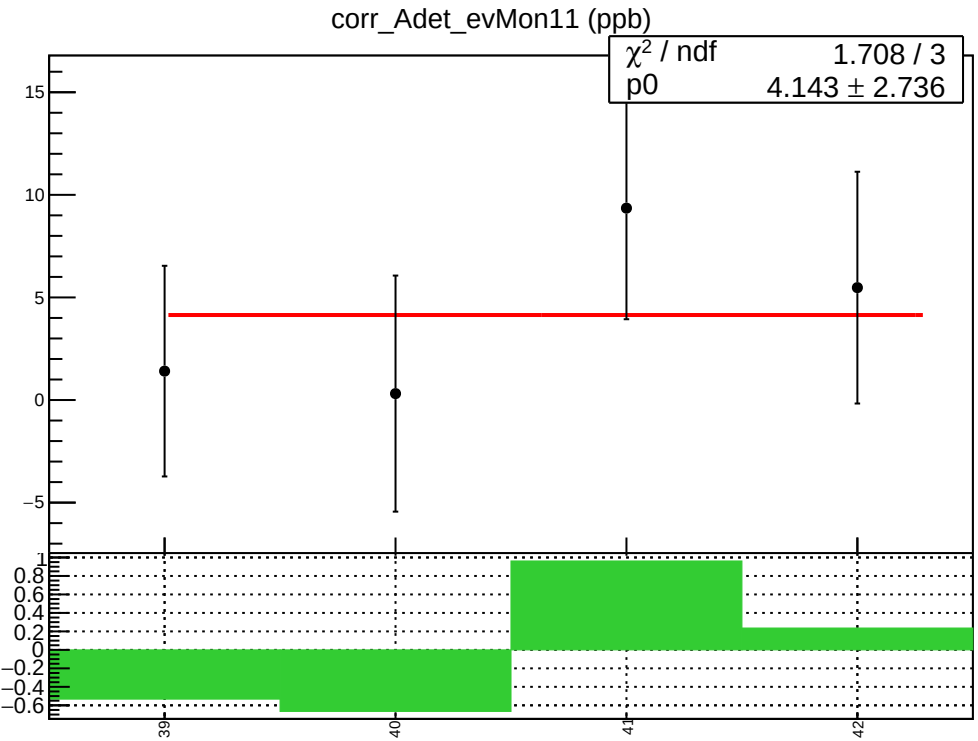


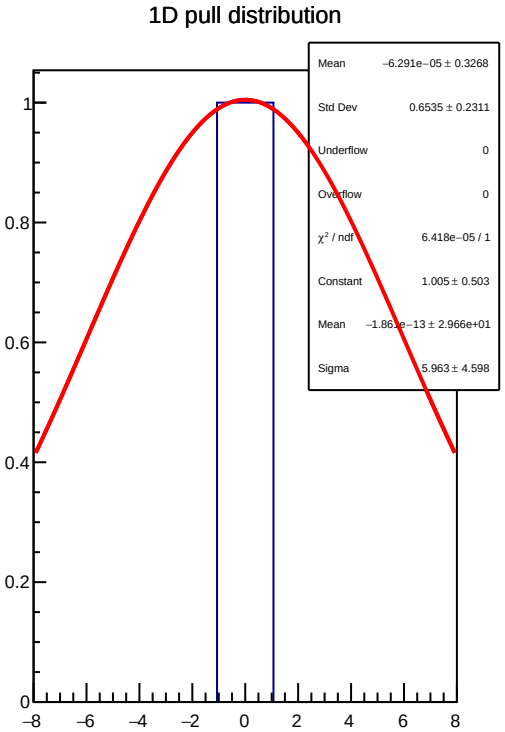

corr_Adet_evMon10 (ppb)
χ² / ndf 0.2971 / 3
p0 0.4355 ± 2.433
8
6
4
2
0
−2
−4
−6
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
39
40
41
42


1D pull distribution
Mean 0.01045 ± 0.1362
Std Dev 0.2723 ± 0.09628
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

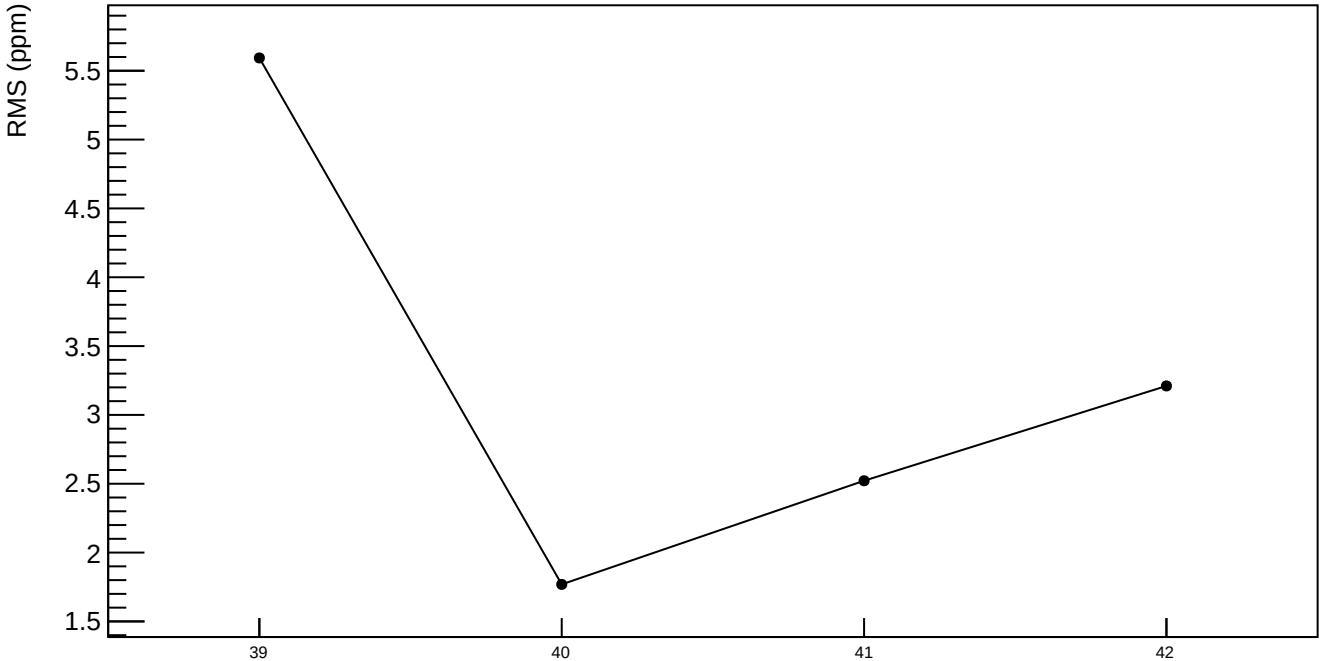
corr_Adet_evMon10 RMS (ppm)

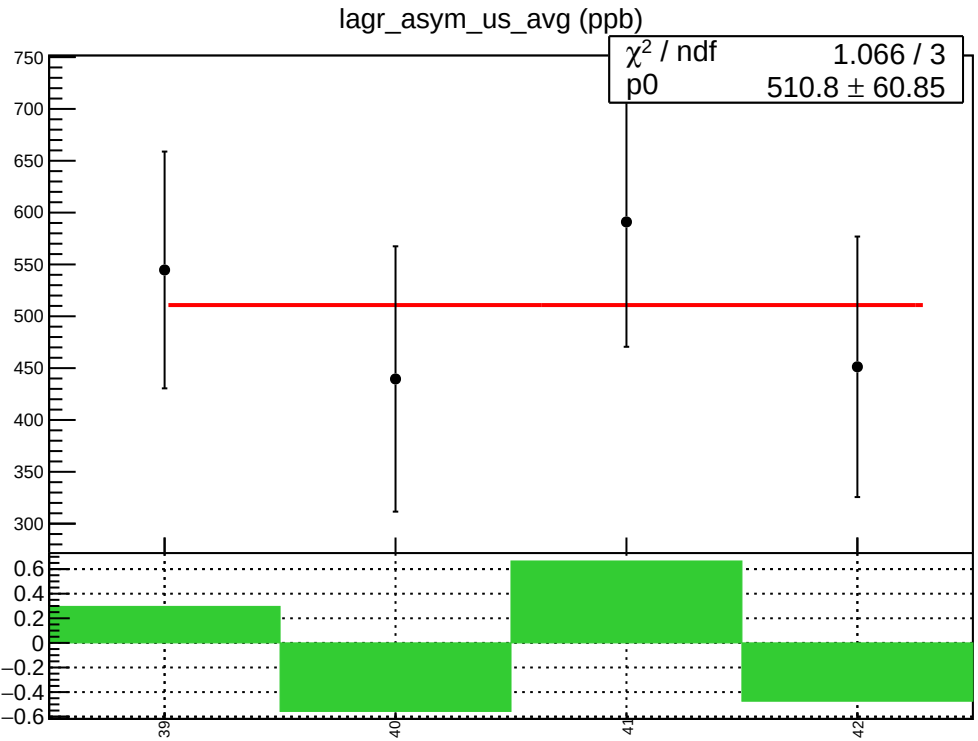


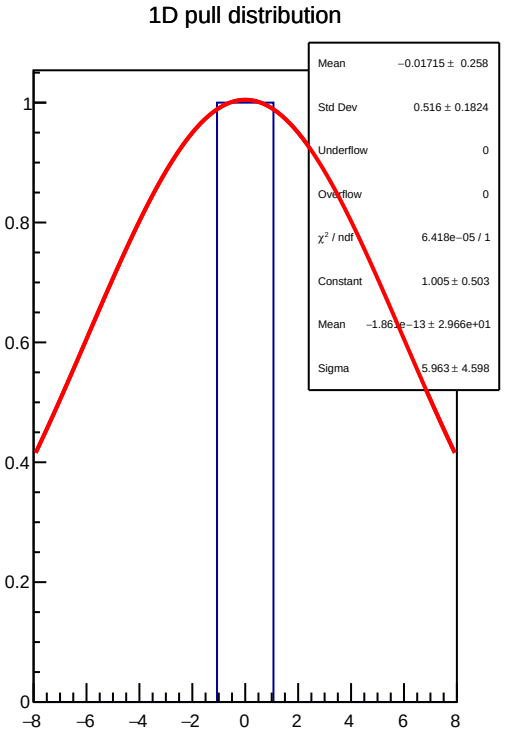

corr_Adet_evMon11 (ppb)
χ² / ndf 1.708 / 3
p0 4.143 ± 2.736
15
10
5
0
−5
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

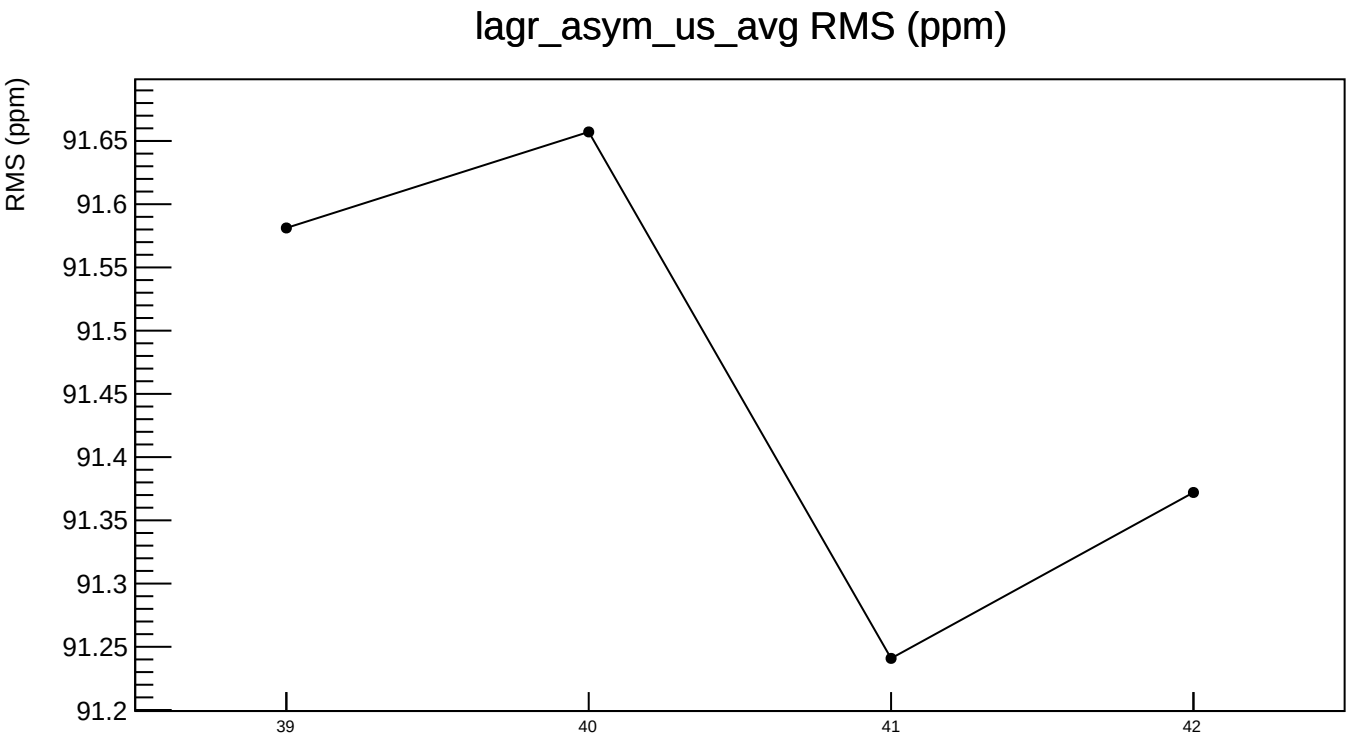

1D pull distribution
Mean −6.291e−05 ± 0.3268
Std Dev 0.6535 ± 0.2311
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

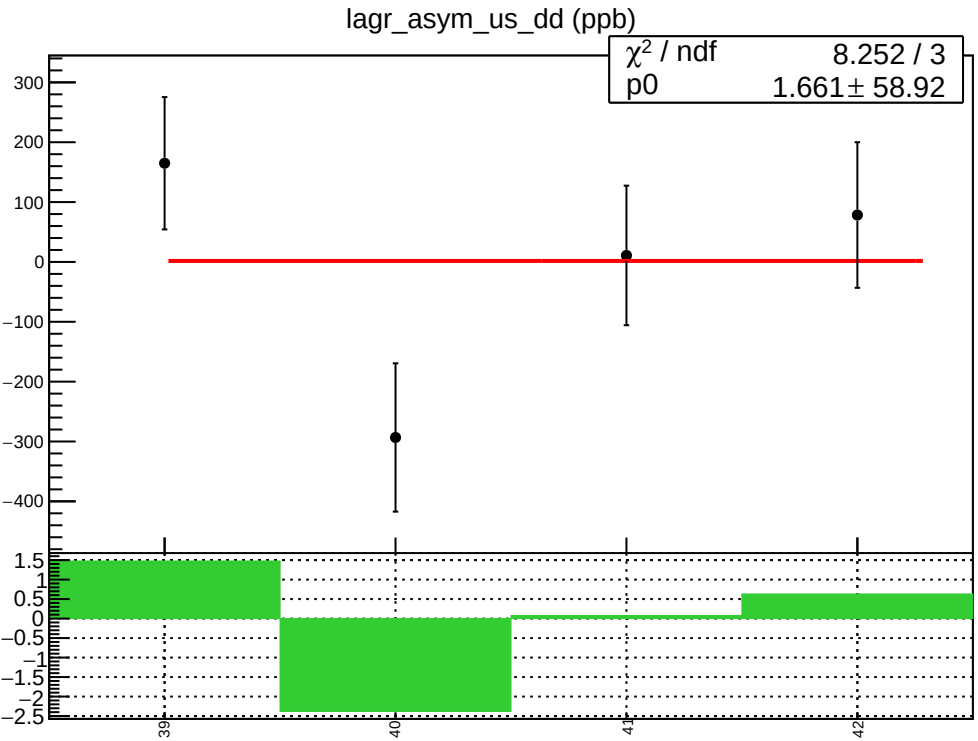
corr_Adet_evMon11 RMS (ppm)

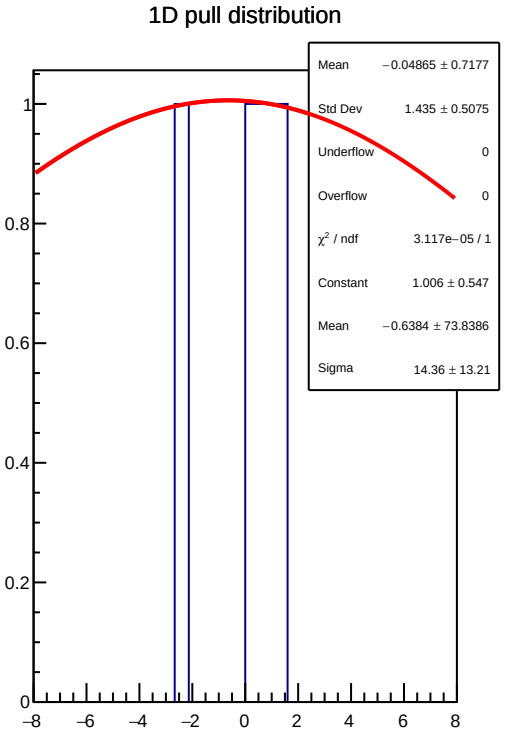


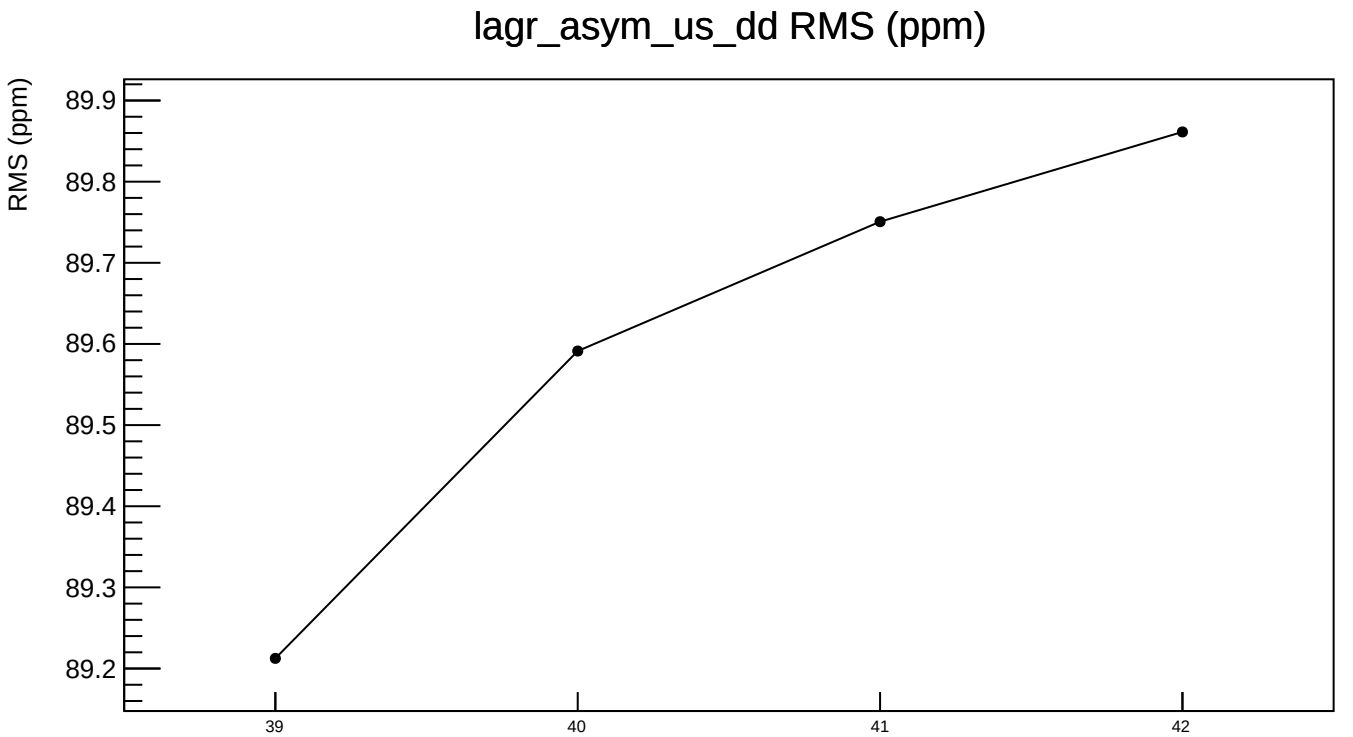

lagr_asym_us_avg (ppb)
χ² / ndf 1.066 / 3
p0 510.8 ± 60.85
750
700
650
600
550
500
450
400
350
300
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

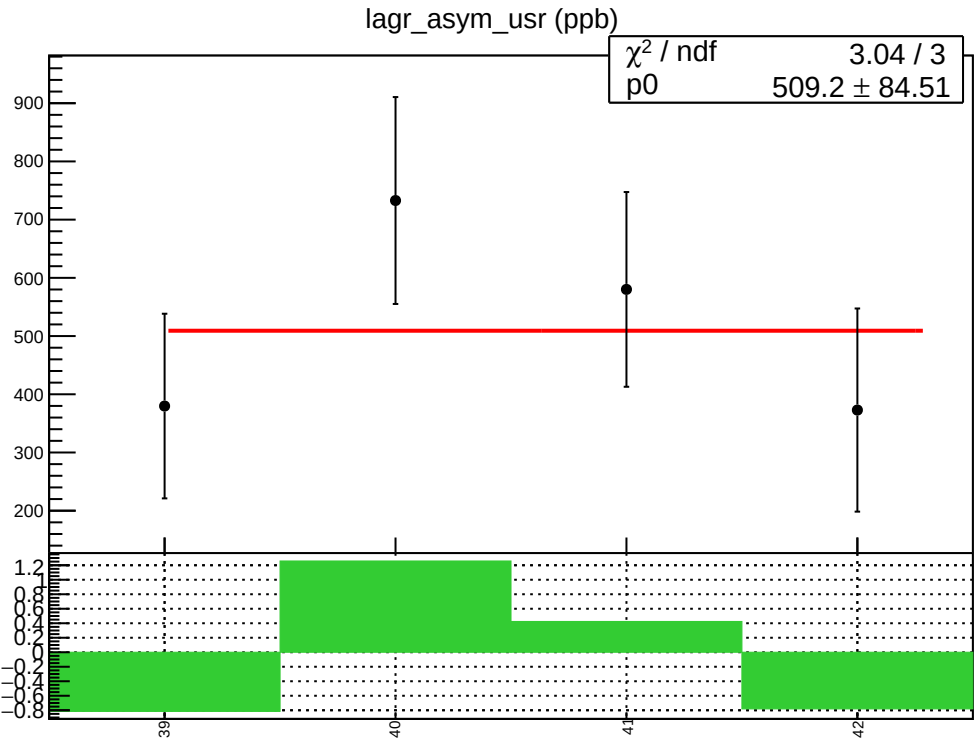

1D pull distribution
Mean −0.01715 ± 0.258
Std Dev 0.516 ± 0.1824
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

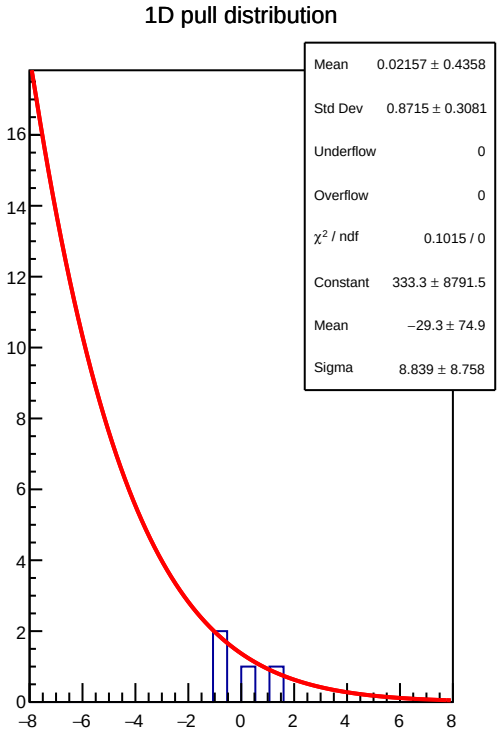

lagr_asym_us_avg RMS (ppm)
RMS (ppm)
91.65
91.6
91.55
91.5
91.45
91.4
91.35
91.3
91.25
91.2
39
40
41
42

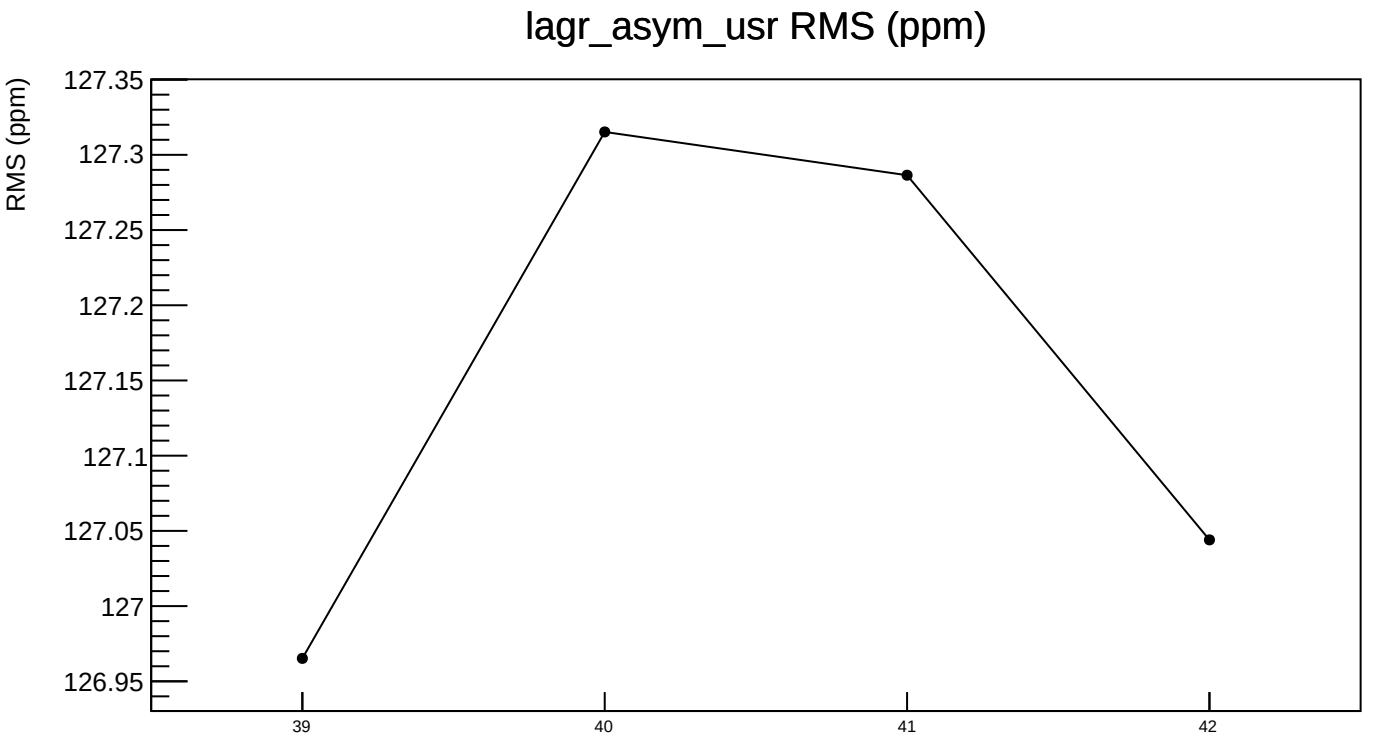

lagr_asym_us_dd (ppb)
χ² / ndf 8.252 / 3
p0 1.661 ± 58.92
300
200
100
0
−100
−200
−300
−400
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
39
40
41
42

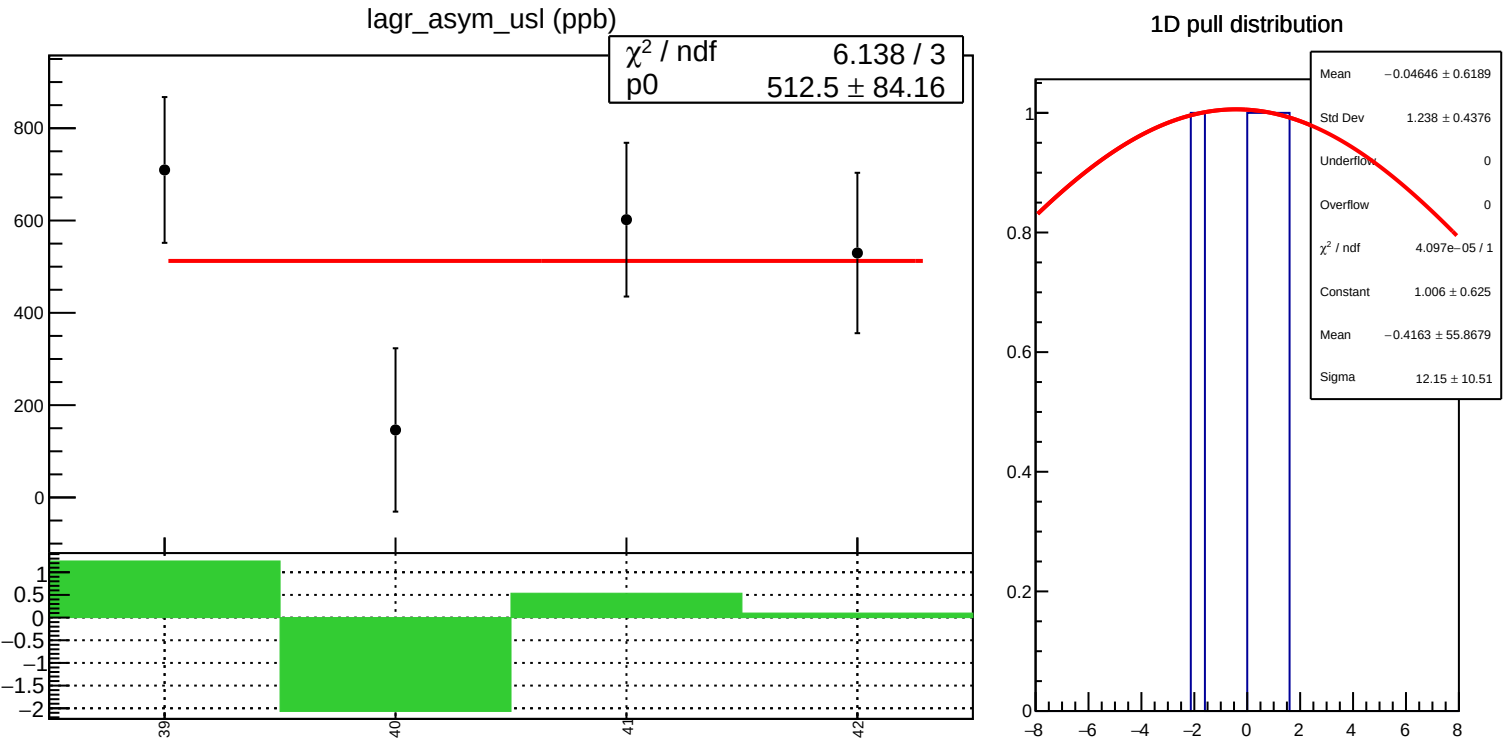

1D pull distribution
Mean −0.04865 ± 0.7177
Std Dev 1.435 ± 0.5075
Underflow 0
Overflow 0
χ² / ndf 3.117e−05 / 1
Constant 1.006 ± 0.547
Mean −0.6384 ± 73.8386
Sigma 14.36 ± 13.21
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8


lagr_asym_us_dd RMS (ppm)
RMS (ppm)
89.9
89.8
89.7
89.6
89.5
89.4
89.3
89.2
39
40
41
42

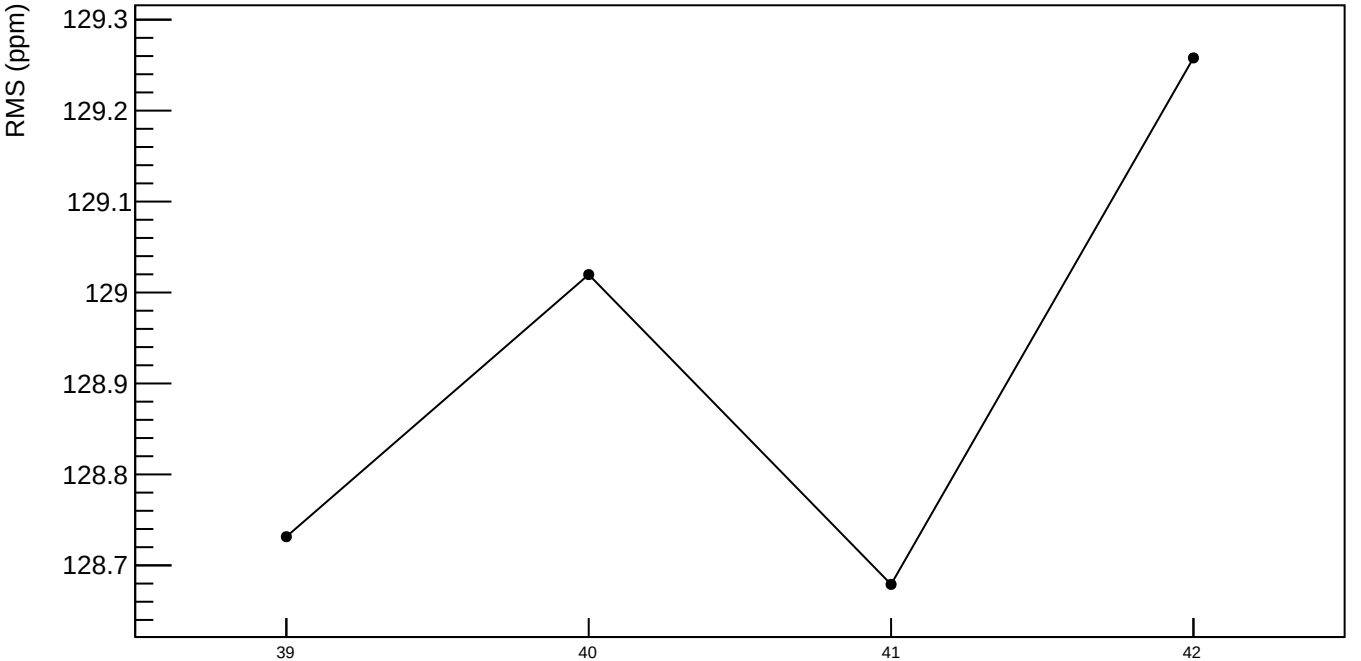

lagr_asym_usr (ppb)
χ² / ndf 3.04 / 3
p0 509.2 ± 84.51
900
800
700
600
500
400
300
200
1.2
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

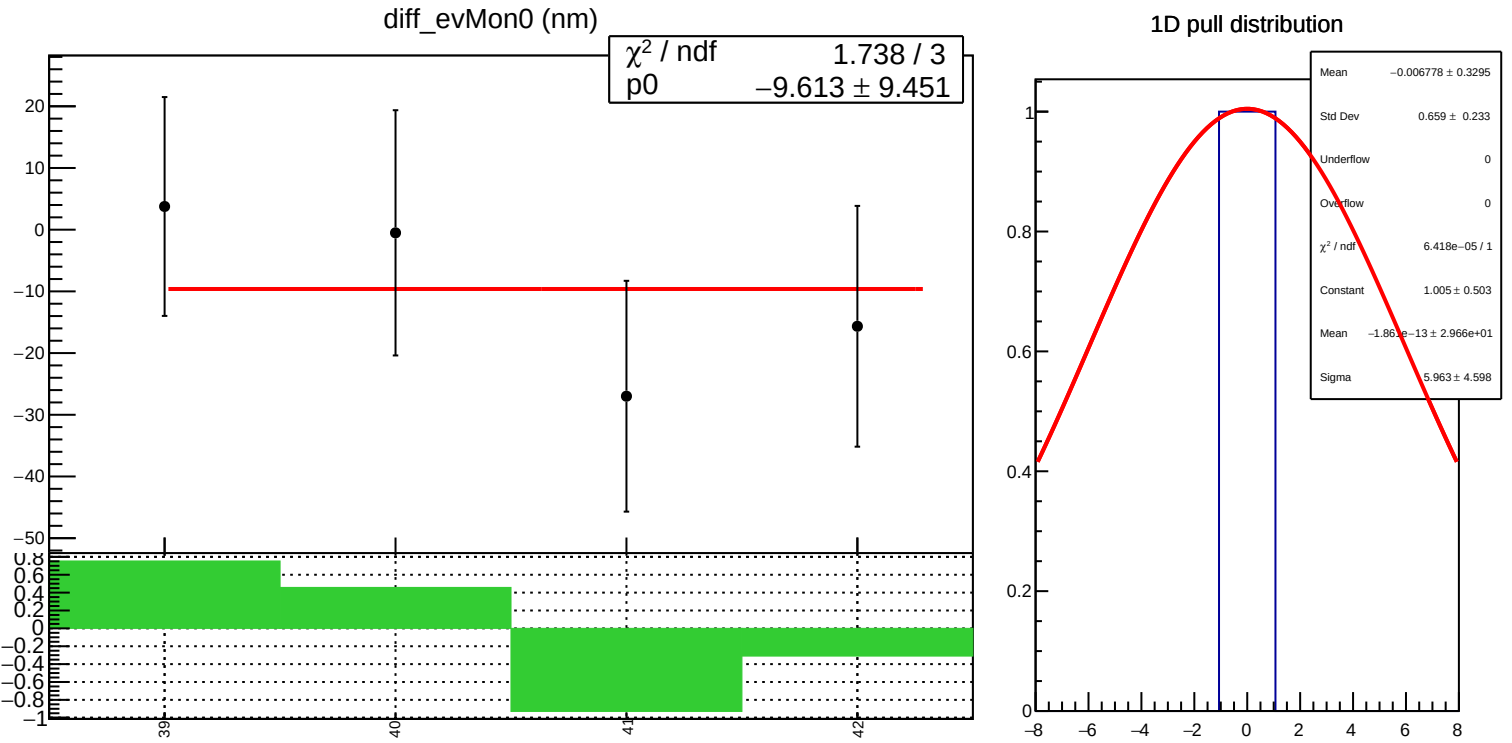

1D pull distribution
Mean 0.02157 ± 0.4358
Std Dev 0.8715 ± 0.3081
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

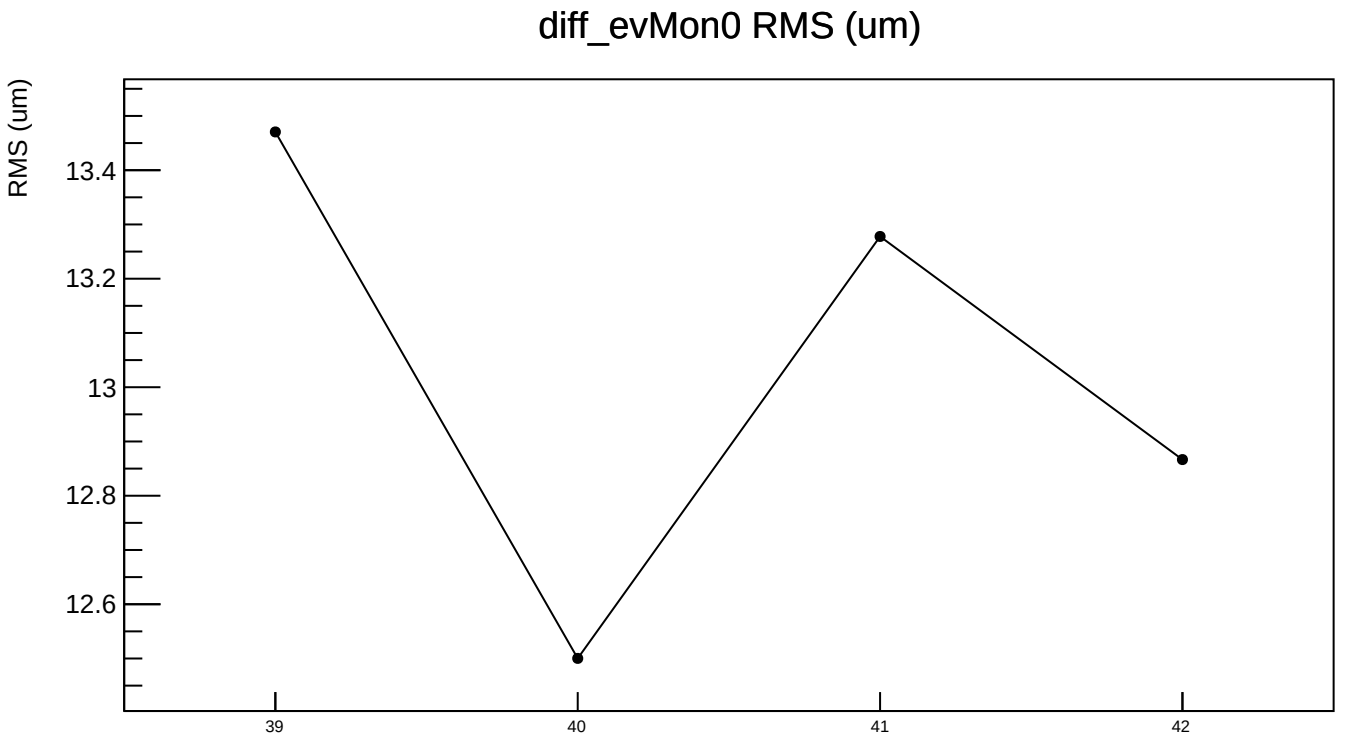

lagr_asym_usr RMS (ppm)
RMS (ppm)
127.35
127.3
127.25
127.2
127.15
127.1
127.05
127
126.95
39
40
41
42

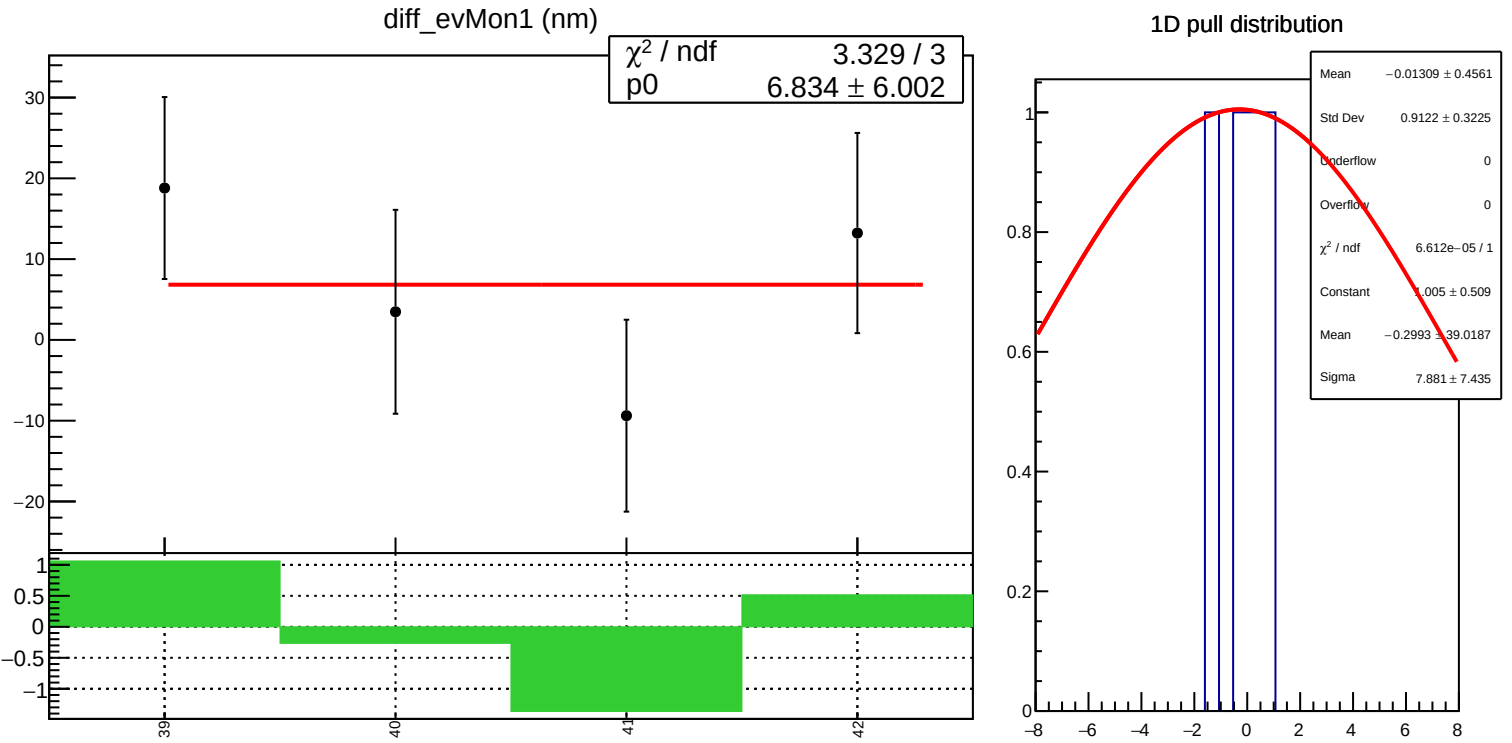

lagr_asym_usl (ppb)
χ² / ndf 6.138 / 3
p0 512.5 ± 84.16
800
600
400
200
0
1
0.5
0
−0.5
−1
−1.5
−2
39
40
41
42
1D pull distribution
Mean −0.04646 ± 0.6189
Std Dev 1.238 ± 0.4376
Underflow 0
Overflow 0
χ² / ndf 4.097e−05 / 1
Constant 1.006 ± 0.625
Mean −0.4163 ± 55.8679
Sigma 12.15 ± 10.51
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

lagr_asym_usl RMS (ppm)

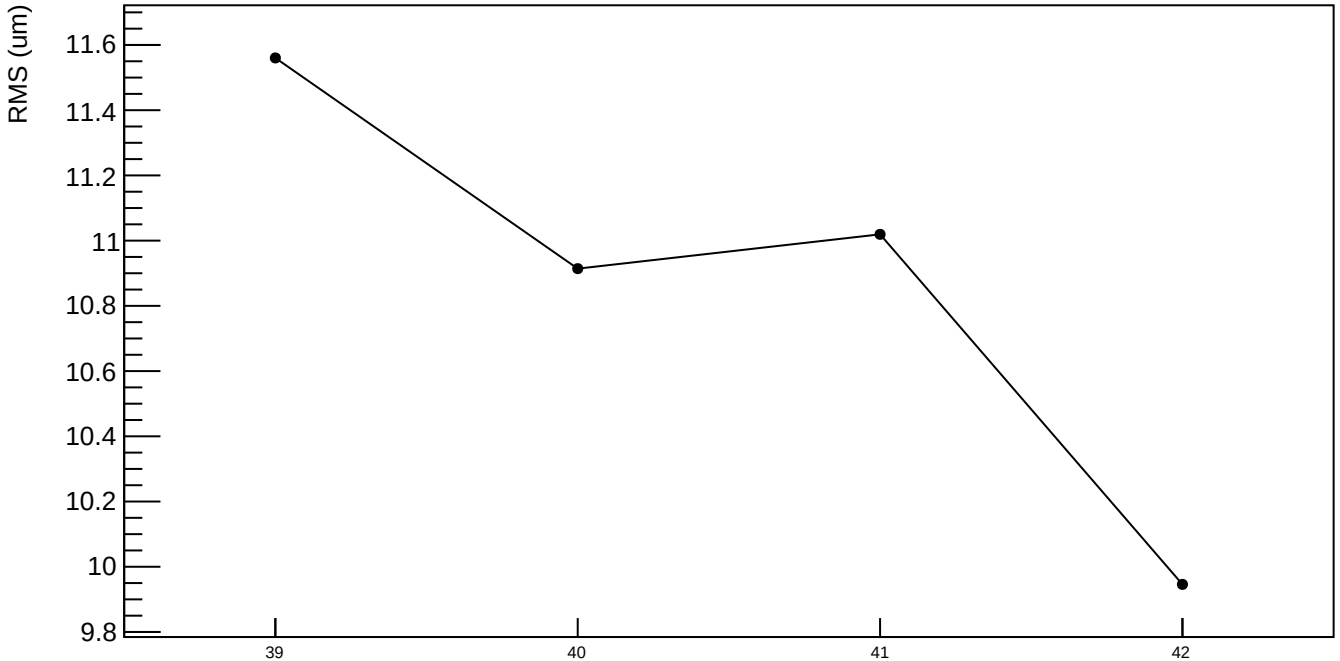


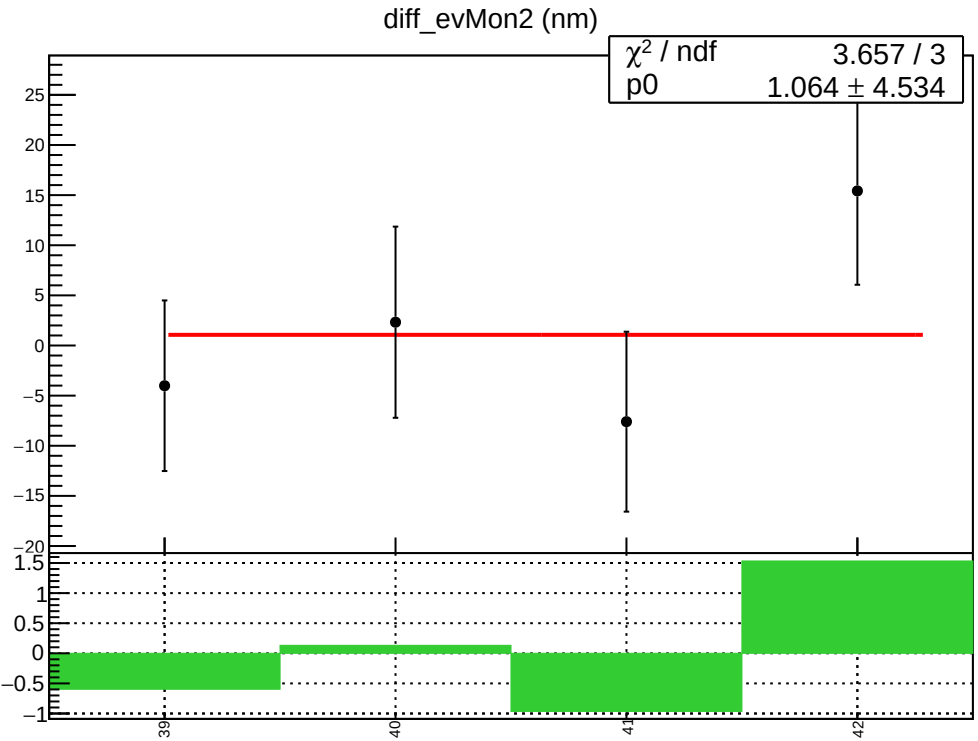

diff_evMon0 (nm)
χ² / ndf 1.738 / 3
p0 −9.613 ± 9.451
1D pull distribution
Mean −0.006778 ± 0.3295
Std Dev 0.659 ± 0.233
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598

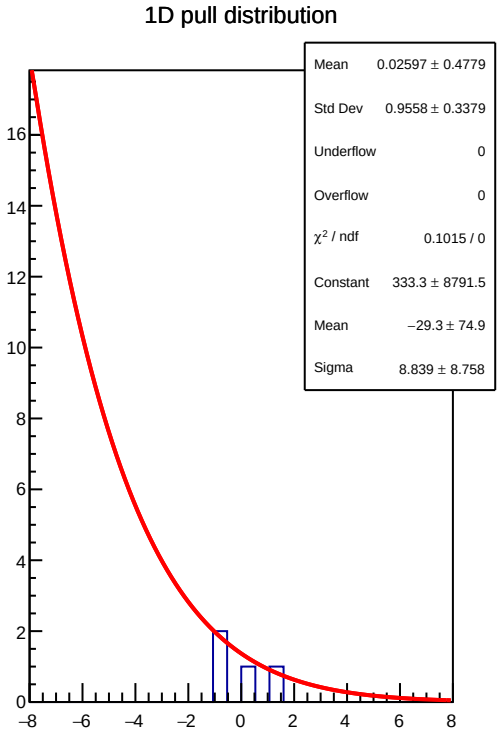

diff_evMon0 RMS (um)
RMS (um)
13.4
13.2
13
12.8
12.6
39
40
41
42

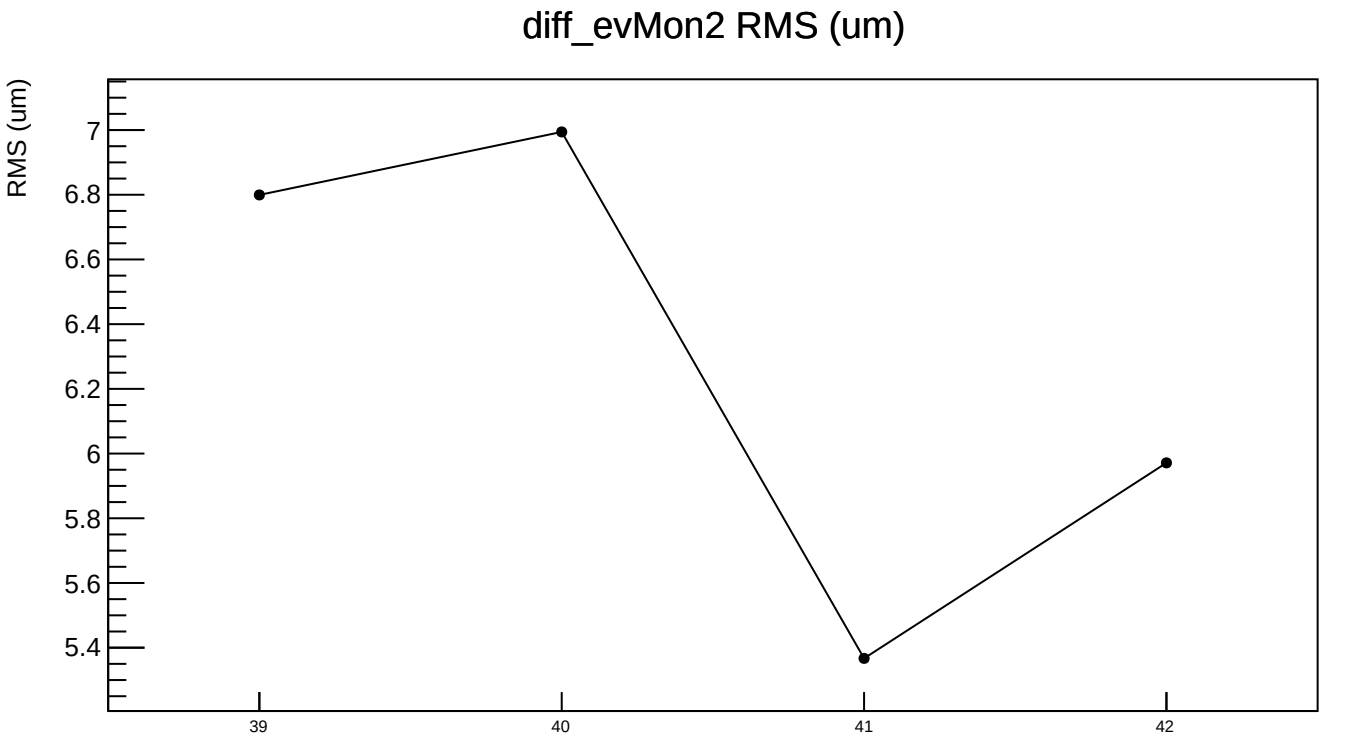

diff_evMon1 (nm)
χ² / ndf 3.329 / 3
p0 6.834 ± 6.002
30
20
10
0
−10
−20
1
0.5
0
−0.5
−1
39
40
41
42
1D pull distribution
Mean −0.01309 ± 0.4561
Std Dev 0.9122 ± 0.3225
Underflow 0
Overflow 0
χ² / ndf 6.612e−05 / 1
Constant 1.005 ± 0.509
Mean −0.2993 ± 39.0187
Sigma 7.881 ± 7.435
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

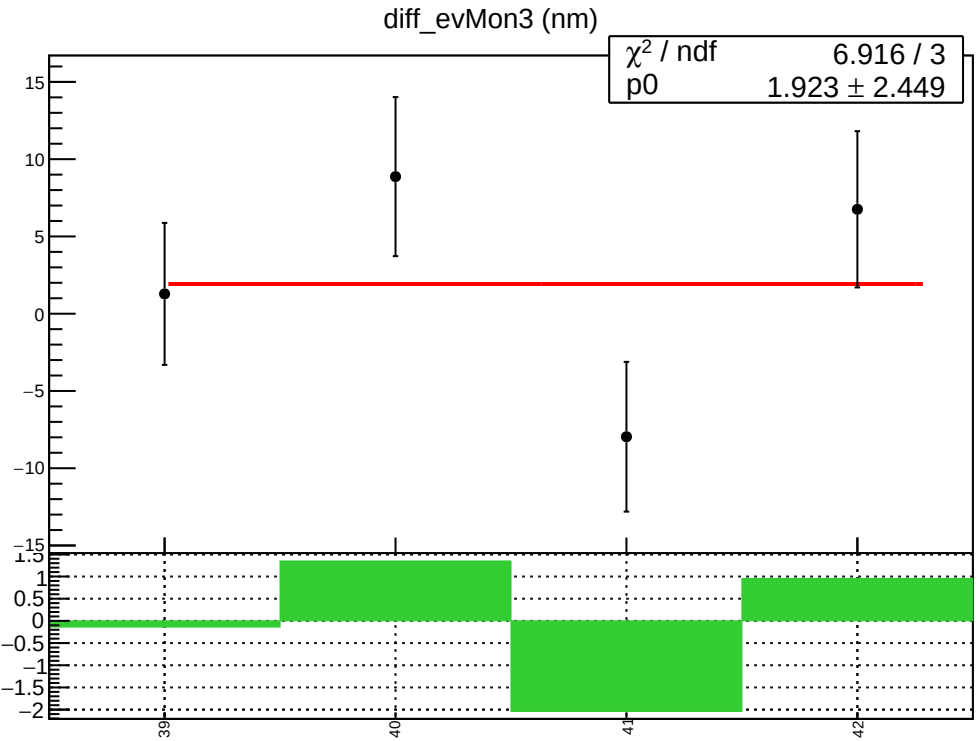
diff_evMon1 RMS (um)

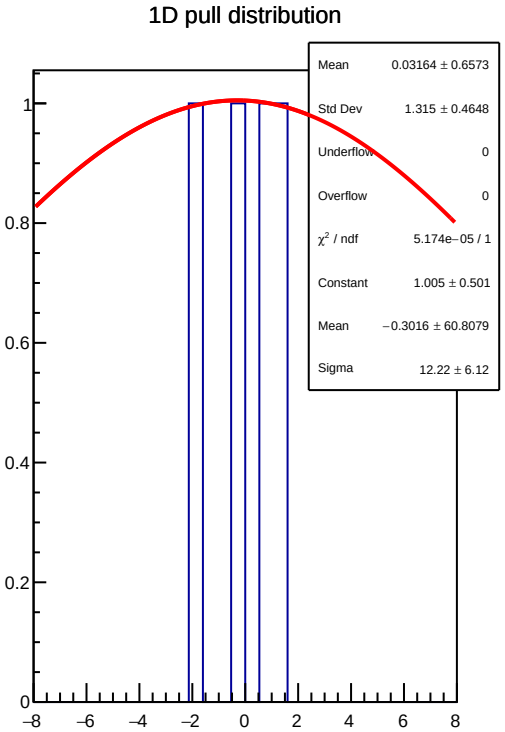


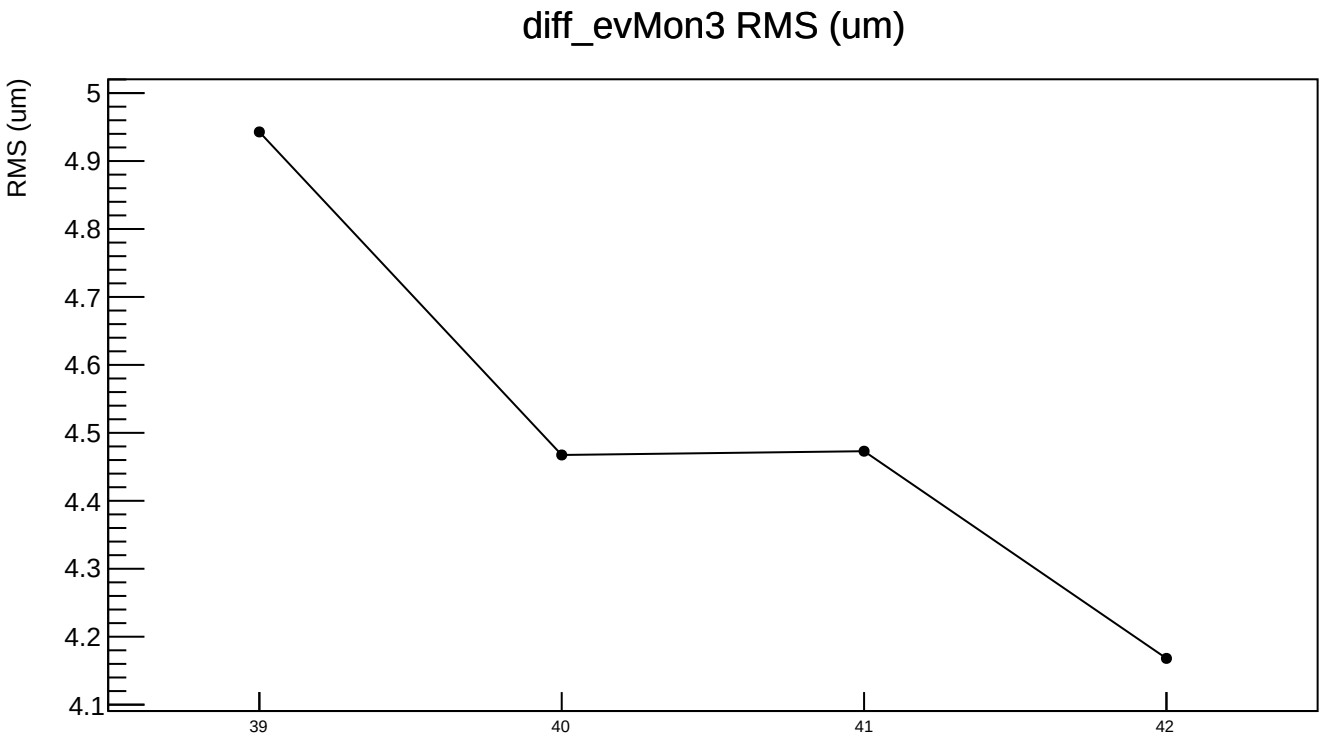

diff_evMon2 (nm)
χ² / ndf 3.657 / 3
p0 1.064 ± 4.534
25
20
15
10
5
0
−5
−10
−15
−20
1.5
1
0.5
0
−0.5
−1
39
40
41
42

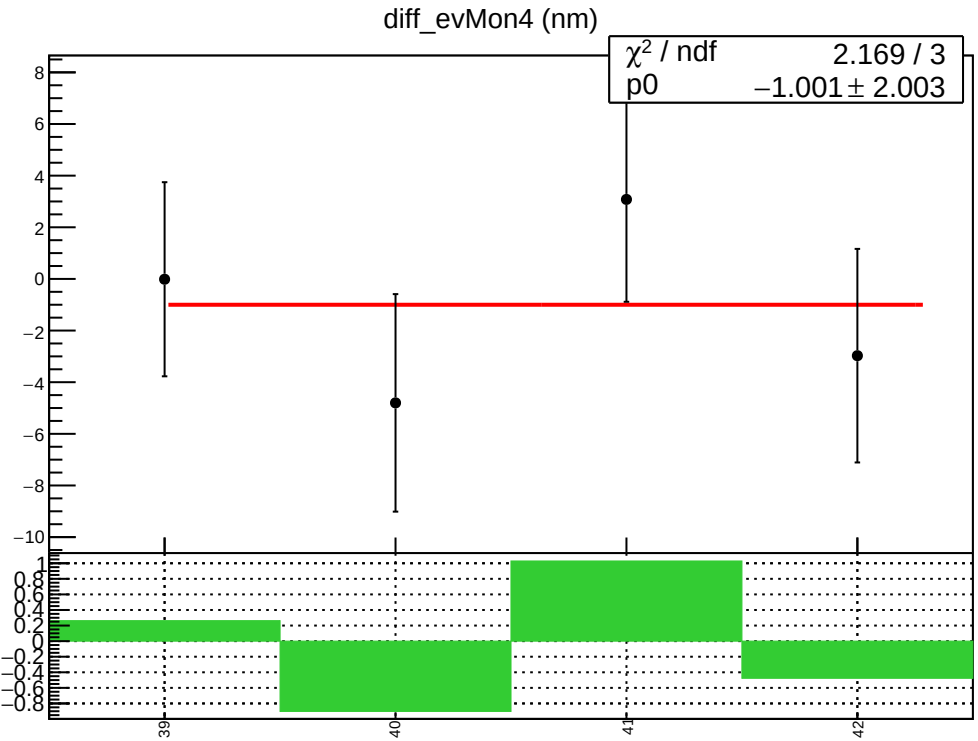

1D pull distribution
Mean 0.02597 ± 0.4779
Std Dev 0.9558 ± 0.3379
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

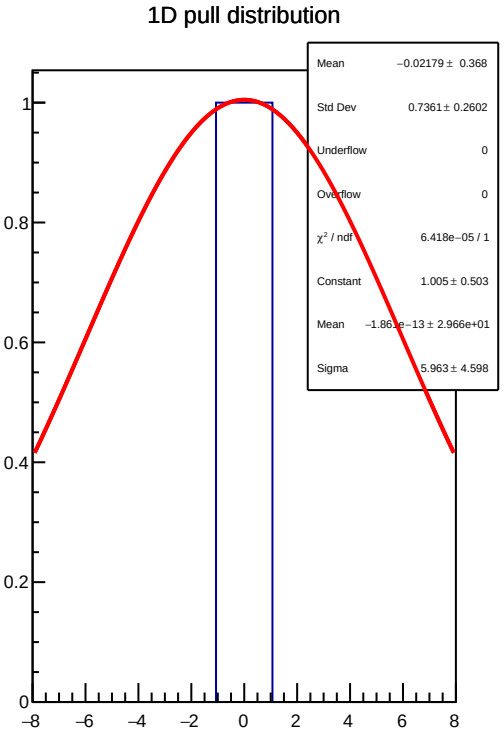

diff_evMon2 RMS (um)
RMS (um)
7
6.8
6.6
6.4
6.2
6
5.8
5.6
5.4
39
40
41
42

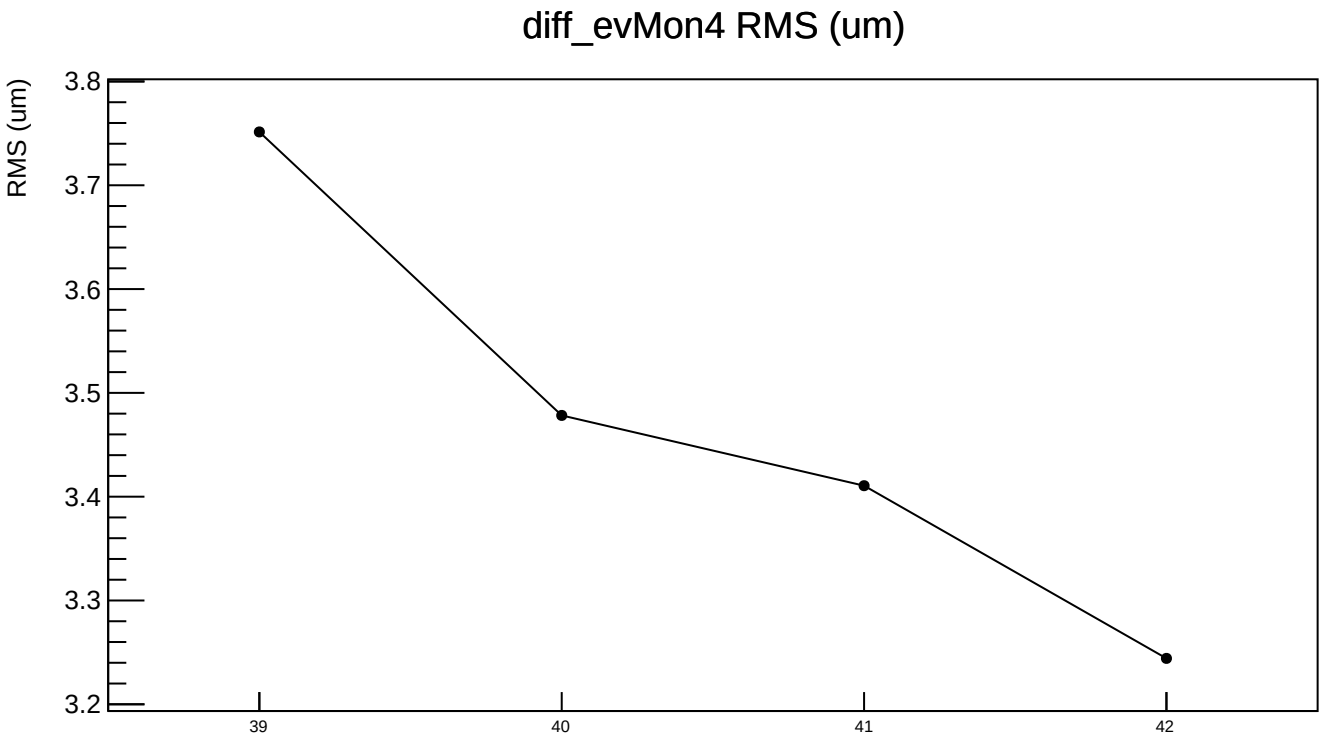

diff_evMon3 (nm)
χ² / ndf 6.916 / 3
p0 1.923 ± 2.449
15
10
5
0
−5
−10
−15
1.5
1
0.5
0
−0.5
−1
−1.5
−2
39
40
41
42

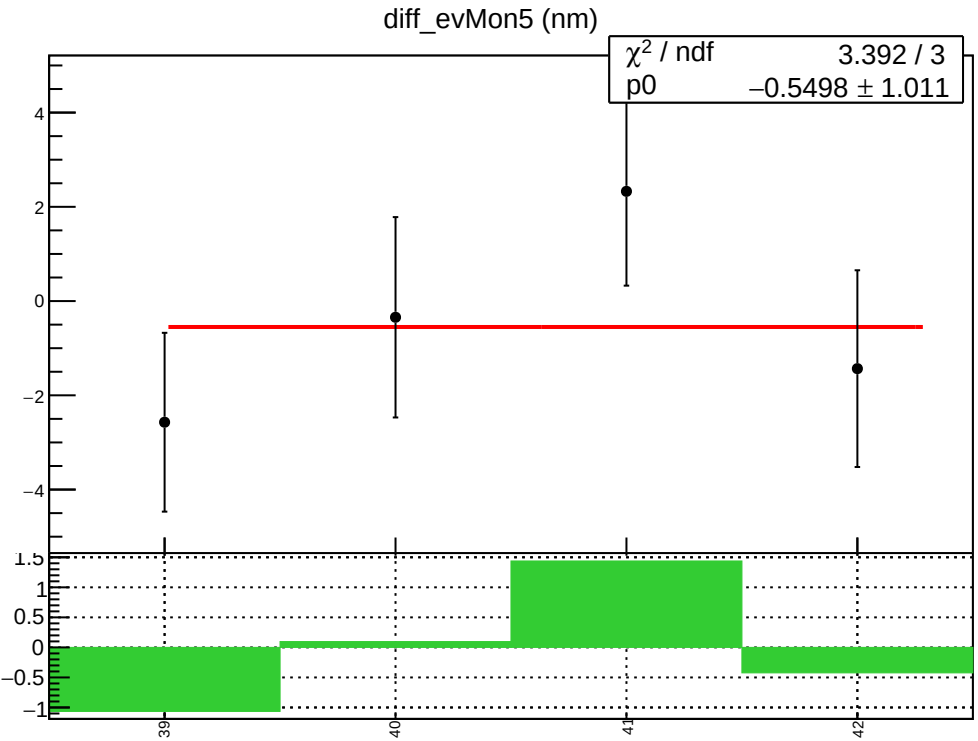

1D pull distribution
Mean 0.03164 ± 0.6573
Std Dev 1.315 ± 0.4648
Underflow 0
Overflow 0
χ² / ndf 5.174e−05 / 1
Constant 1.005 ± 0.501
Mean −0.3016 ± 60.8079
Sigma 12.22 ± 6.12
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

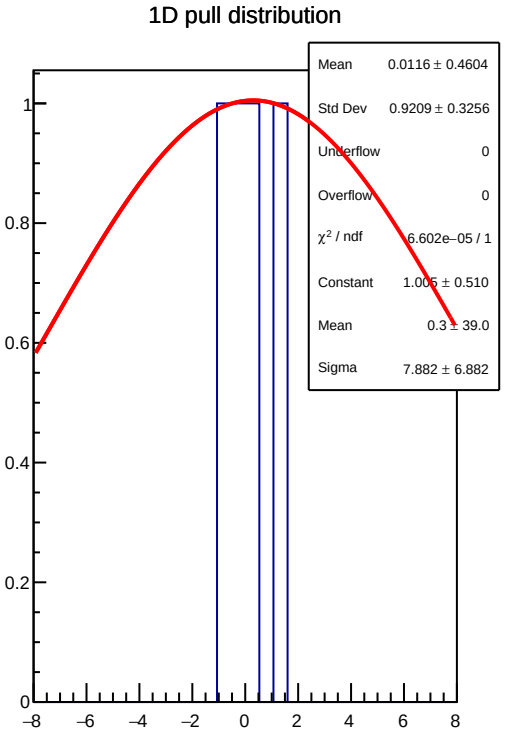

diff_evMon3 RMS (um)
RMS (um)
5
4.9
4.8
4.7
4.6
4.5
4.4
4.3
4.2
4.1
39
40
41
42

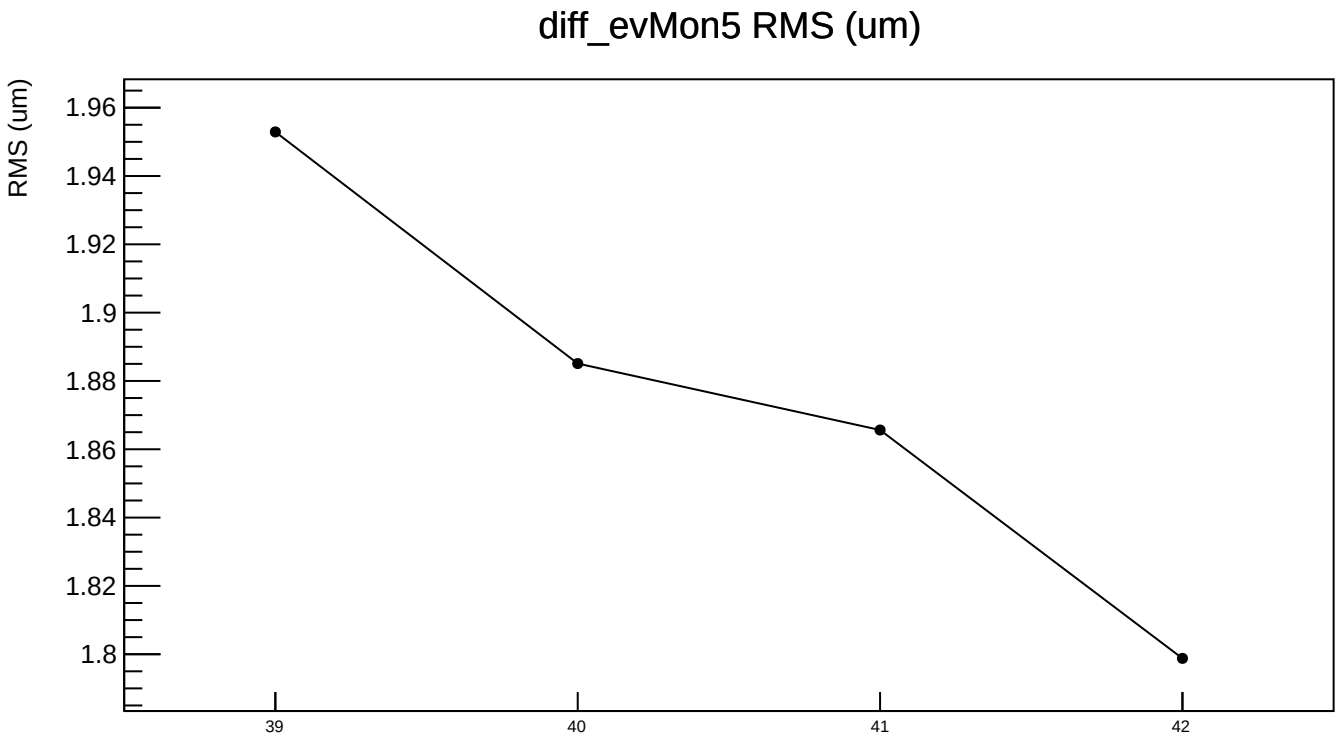

diff_evMon4 (nm)
χ² / ndf 2.169 / 3
p0 −1.001 ± 2.003
8
6
4
2
0
−2
−4
−6
−8
−10
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

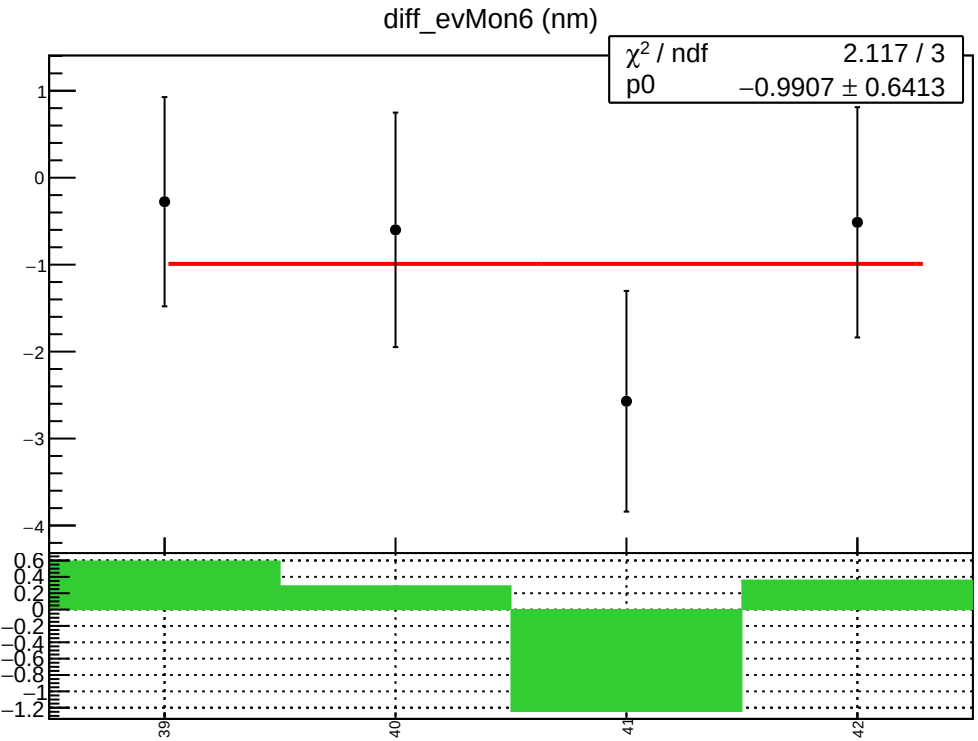

1D pull distribution
Mean −0.02179 ± 0.368
Std Dev 0.7361 ± 0.2602
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

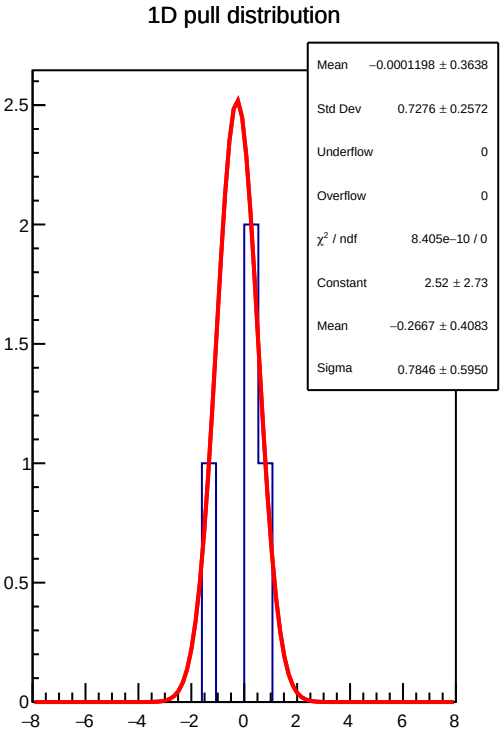

diff_evMon4 RMS (um)
RMS (um)
3.8
3.7
3.6
3.5
3.4
3.3
3.2
39
40
41
42

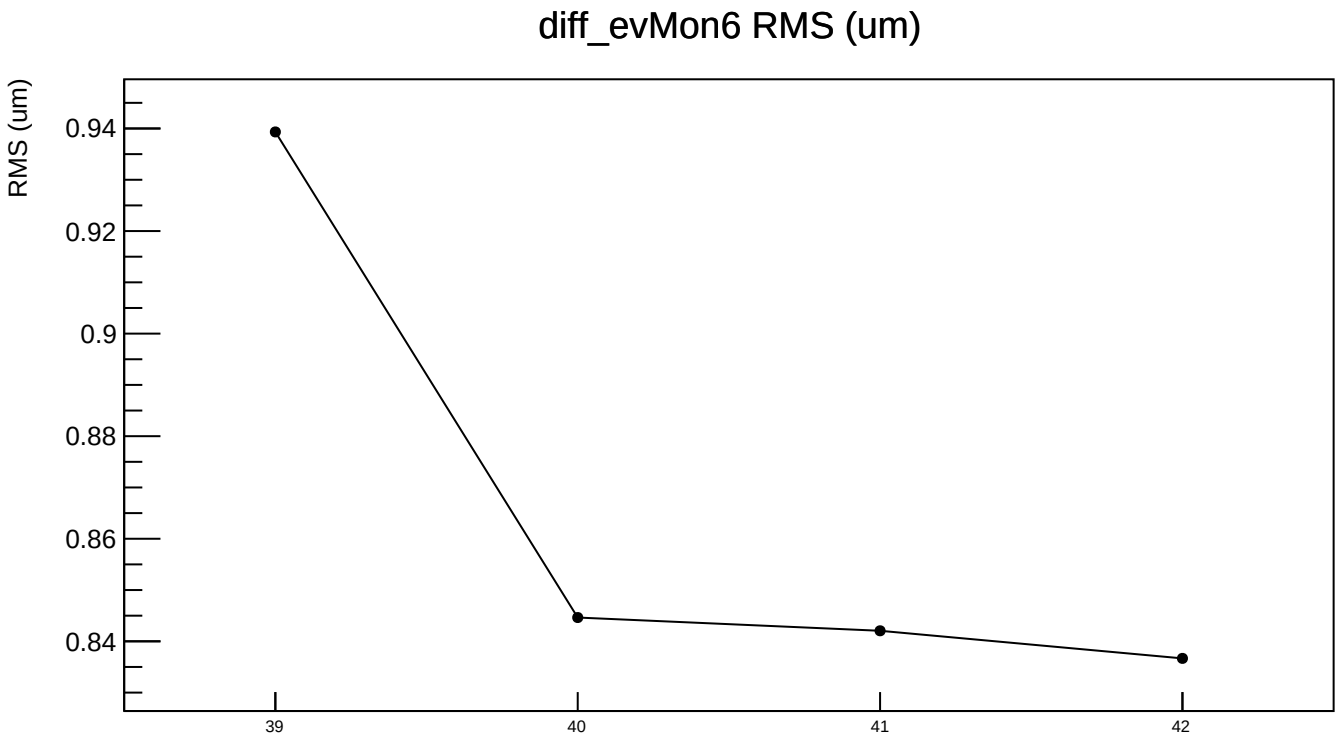

diff_evMon5 (nm)
χ^2 / ndf 3.392 / 3
p0 −0.5498 ± 1.011
4
2
0
−2
−4
1.5
1
0.5
0
−0.5
−1
39
40
41
42

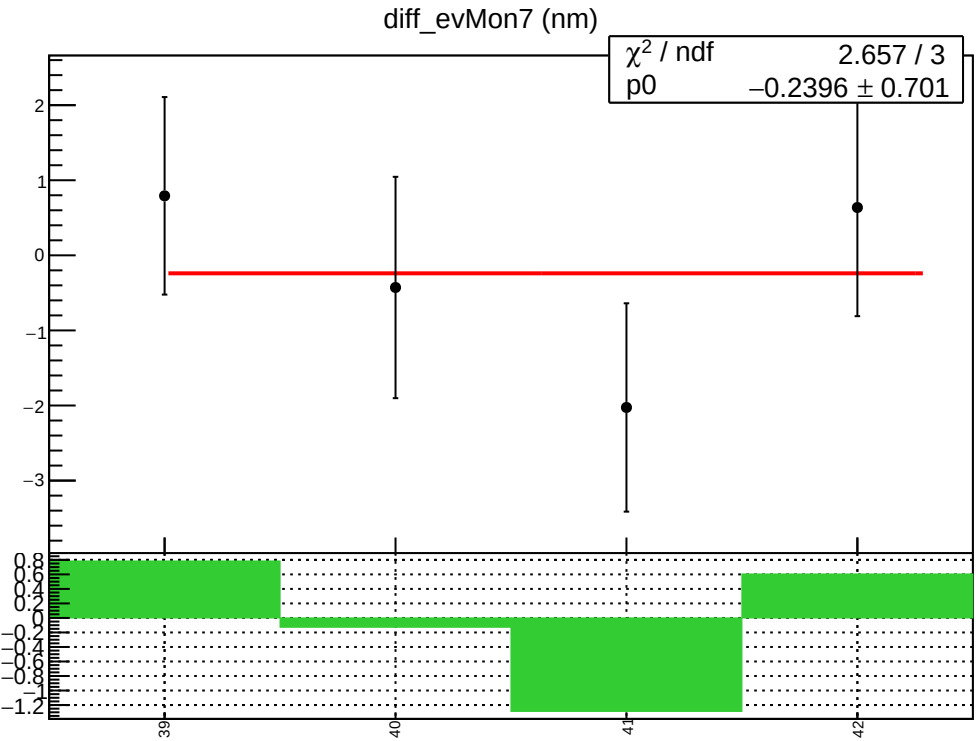

1D pull distribution
Mean 0.0116 ± 0.4604
Std Dev 0.9209 ± 0.3256
Underflow 0
Overflow 0
χ^2 / ndf 6.602e−05 / 1
Constant 1.005 ± 0.510
Mean 0.3 ± 39.0
Sigma 7.882 ± 6.882
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

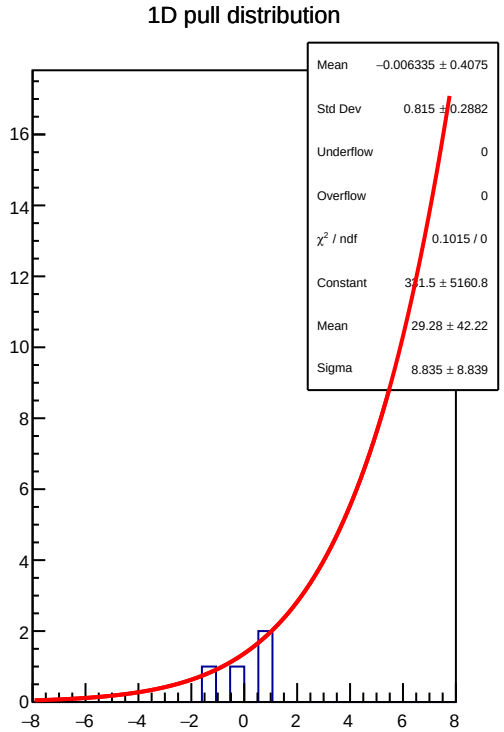

diff_evMon5 RMS (um)
RMS (um)
1.96
1.94
1.92
1.9
1.88
1.86
1.84
1.82
1.8
39
40
41
42


diff_evMon6 (nm)
χ^2 / ndf 2.117 / 3
p0 −0.9907 ± 0.6413
1
0
−1
−2
−3
−4
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
39
40
41
42

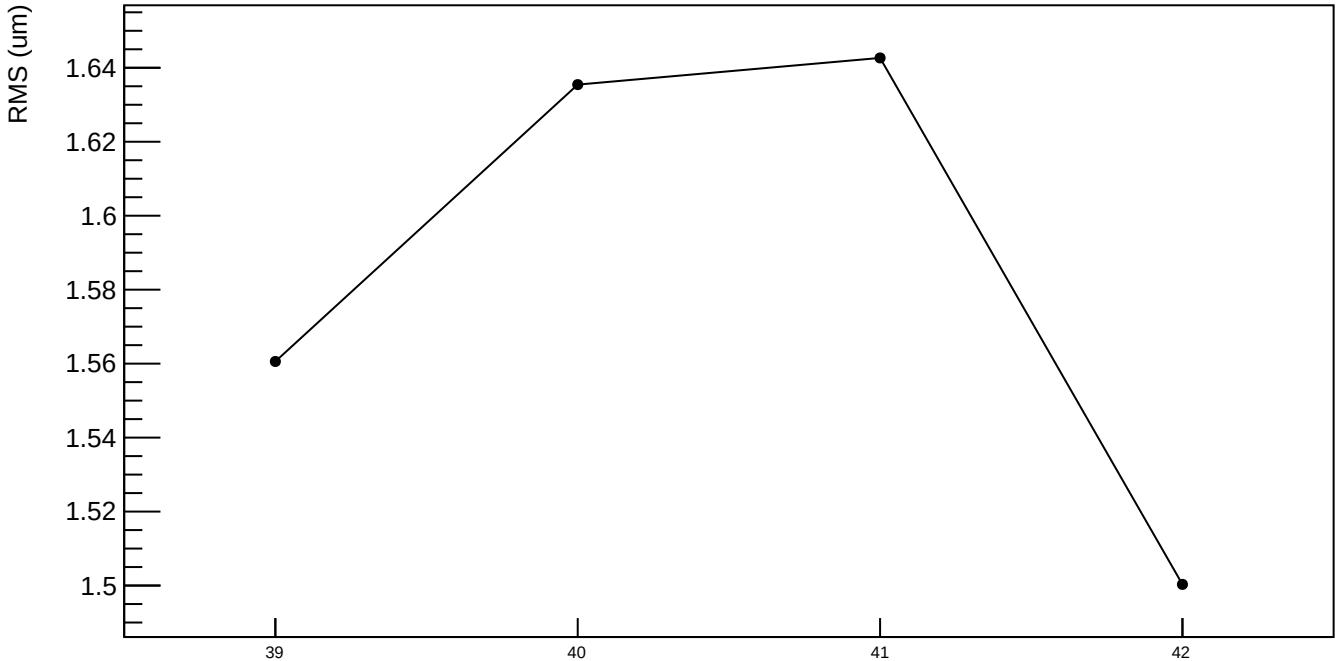

1D pull distribution
Mean −0.0001198 ± 0.3638
Std Dev 0.7276 ± 0.2572
Underflow 0
Overflow 0
χ^2 / ndf 8.405e−10 / 0
Constant 2.52 ± 2.73
Mean −0.2667 ± 0.4083
Sigma 0.7846 ± 0.5950
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

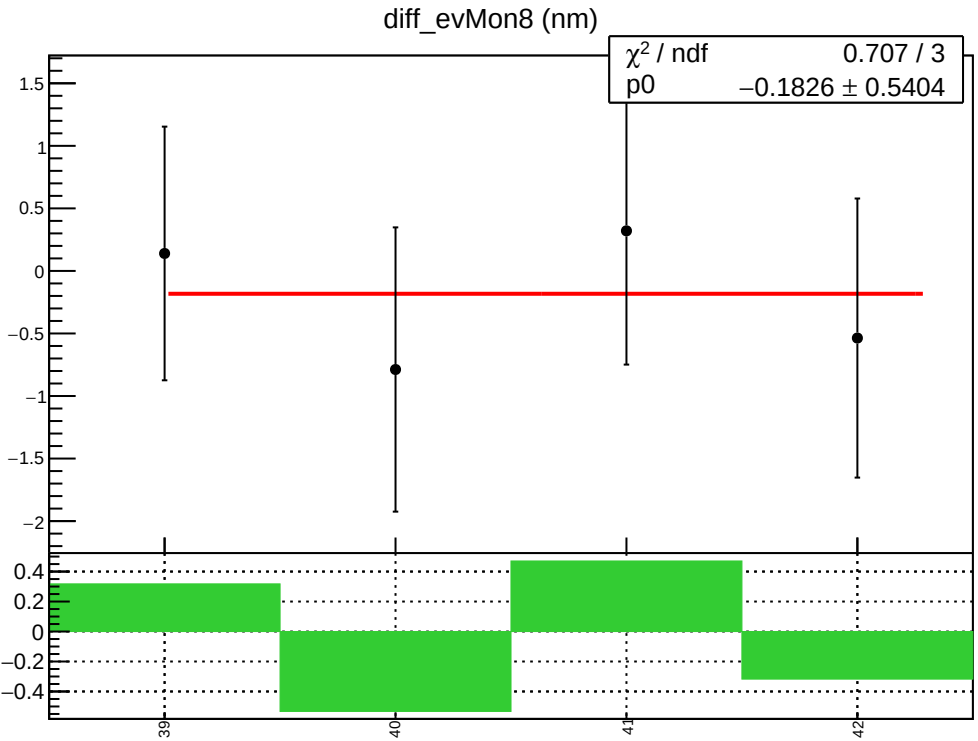

diff_evMon6 RMS (um)
RMS (um)
0.94
0.92
0.9
0.88
0.86
0.84
39
40
41
42

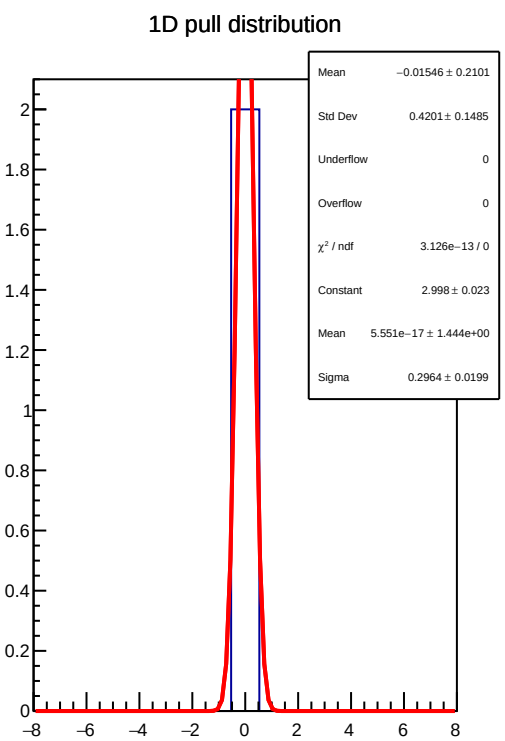

diff_evMon7 (nm)
χ² / ndf 2.657 / 3
p0 −0.2396 ± 0.701
39
40
41
42

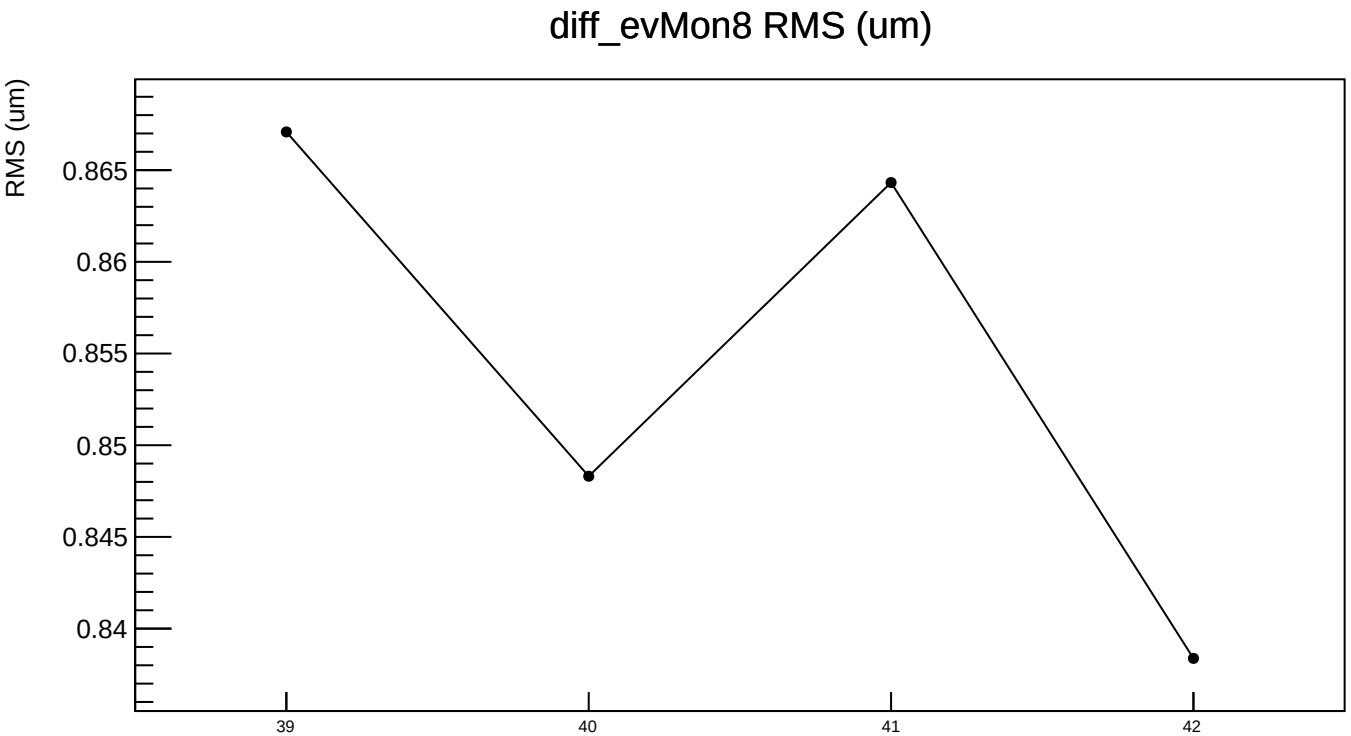

1D pull distribution
Mean −0.006335 ± 0.4075
Std Dev 0.815 ± 0.2882
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 3[illegible]1.5 ± 5160.8
Mean 29.28 ± 42.22
Sigma 8.835 ± 8.839

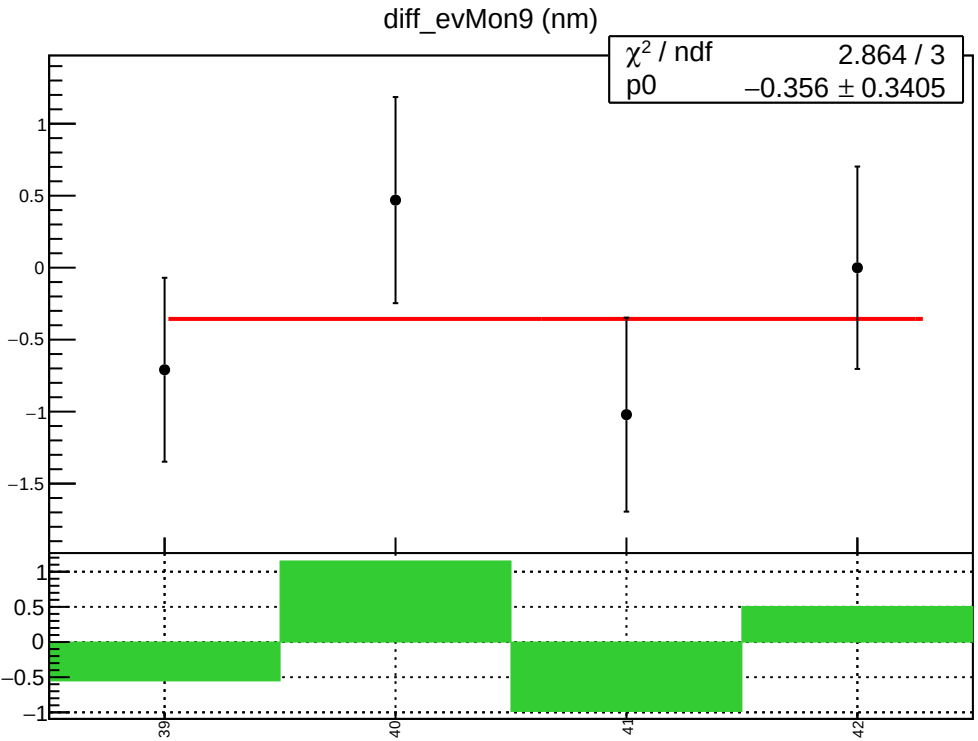
diff_evMon7 RMS (um)

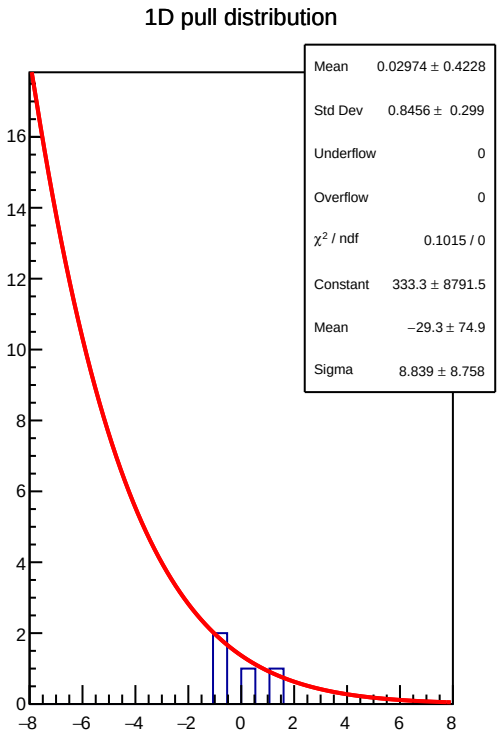


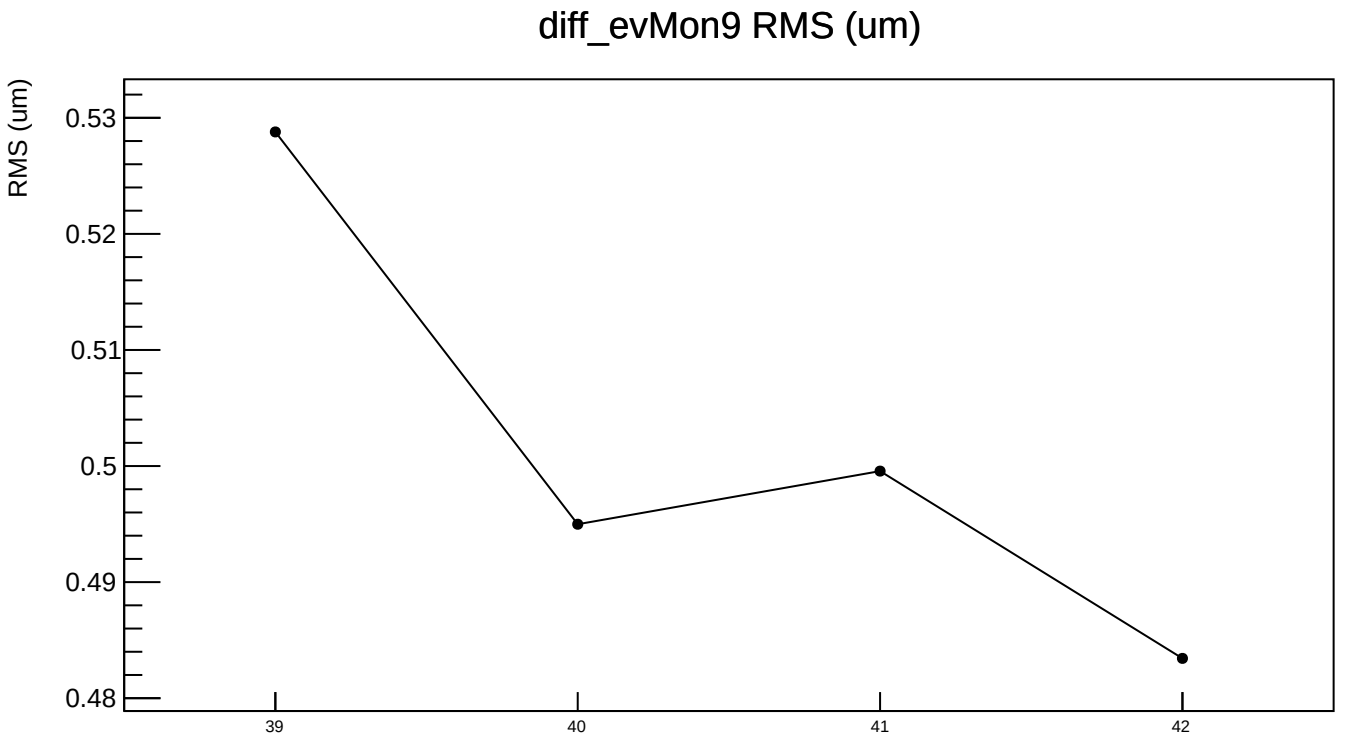

diff_evMon8 (nm)
χ² / ndf 0.707 / 3
p0 −0.1826 ± 0.5404
1.5
1
0.5
0
−0.5
−1
−1.5
−2
0.4
0.2
0
−0.2
−0.4
39
40
41
42

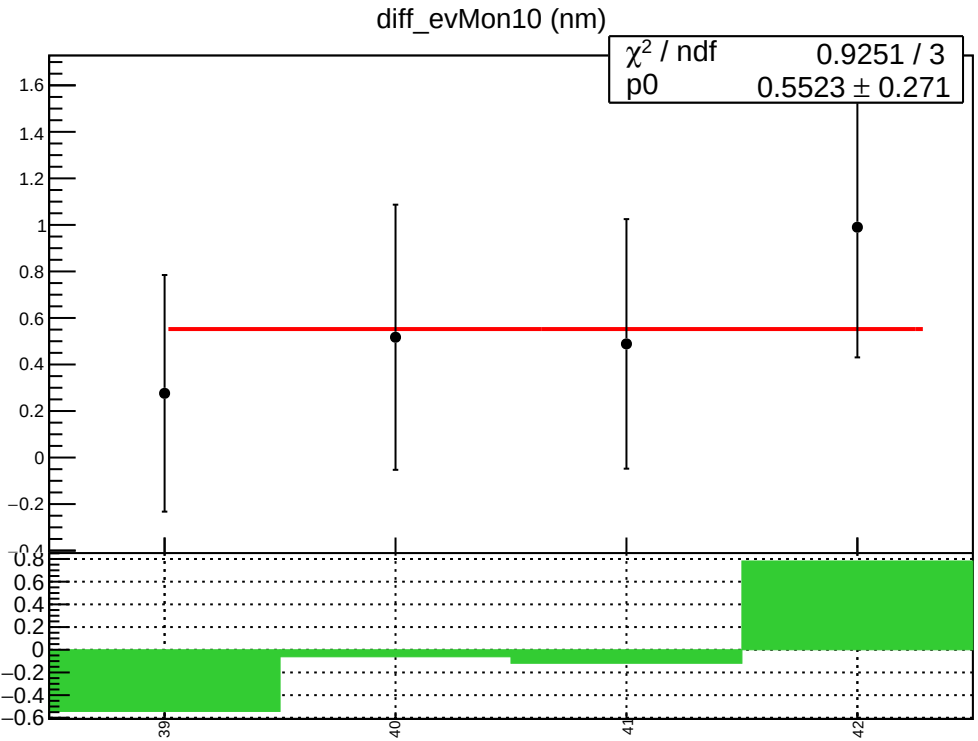

1D pull distribution
Mean −0.01546 ± 0.2101
Std Dev 0.4201 ± 0.1485
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

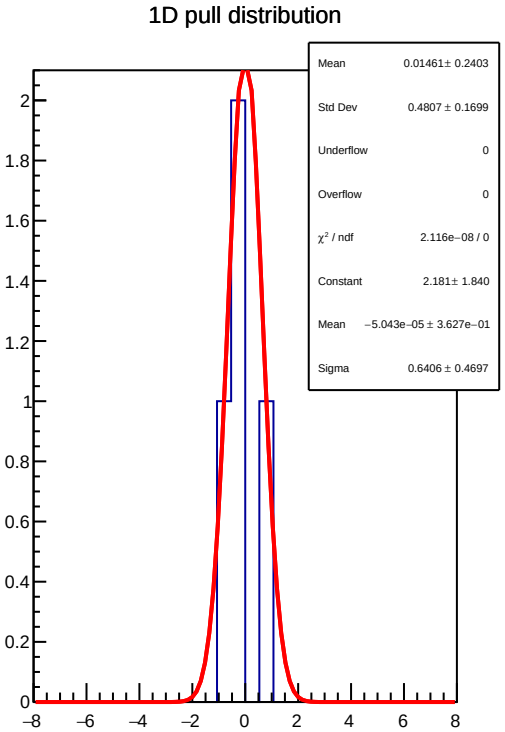

diff_evMon8 RMS (um)
RMS (um)
0.865
0.86
0.855
0.85
0.845
0.84
39
40
41
42


diff_evMon9 (nm)
χ² / ndf 2.864 / 3
p0 −0.356 ± 0.3405
1
0.5
0
−0.5
−1
−1.5
39
40
41
42

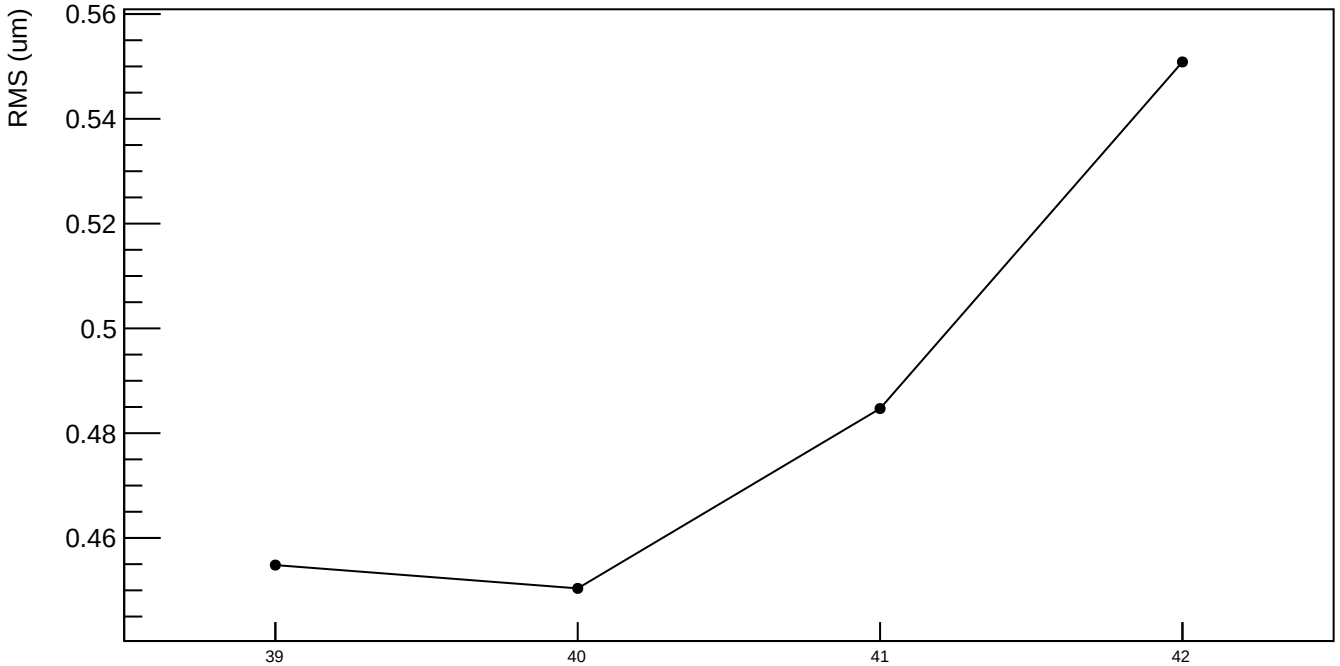

1D pull distribution
Mean 0.02974 ± 0.4228
Std Dev 0.8456 ± 0.299
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

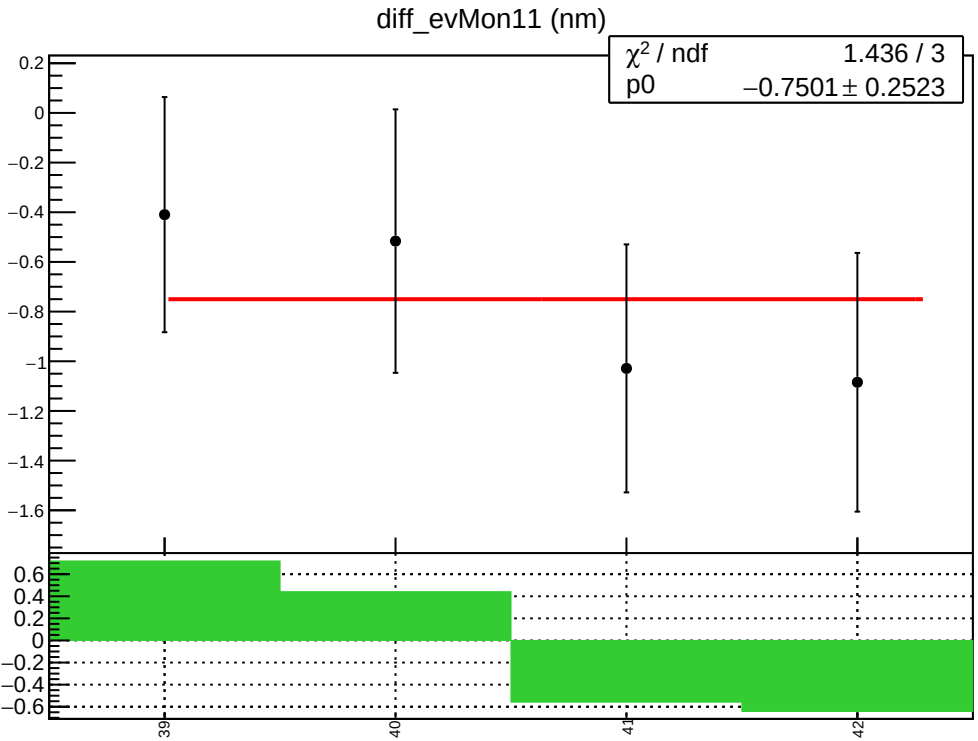

diff_evMon9 RMS (um)
RMS (um)
0.53
0.52
0.51
0.5
0.49
0.48
39
40
41
42

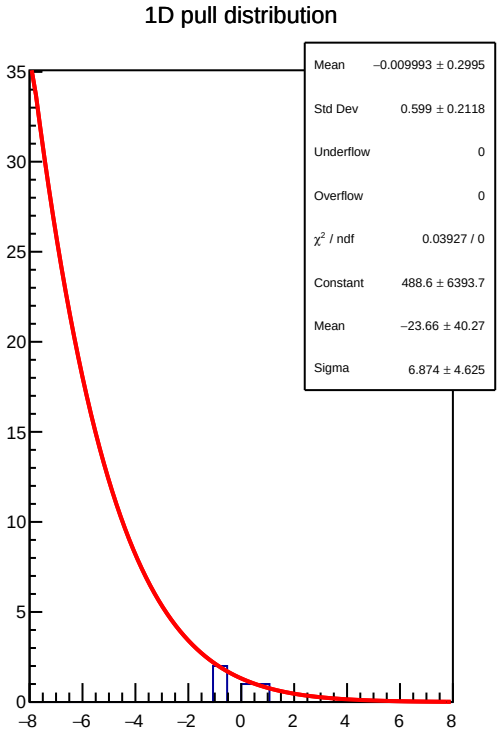

diff_evMon10 (nm)
χ² / ndf 0.9251 / 3
p0 0.5523 ± 0.271
39
40
41
42

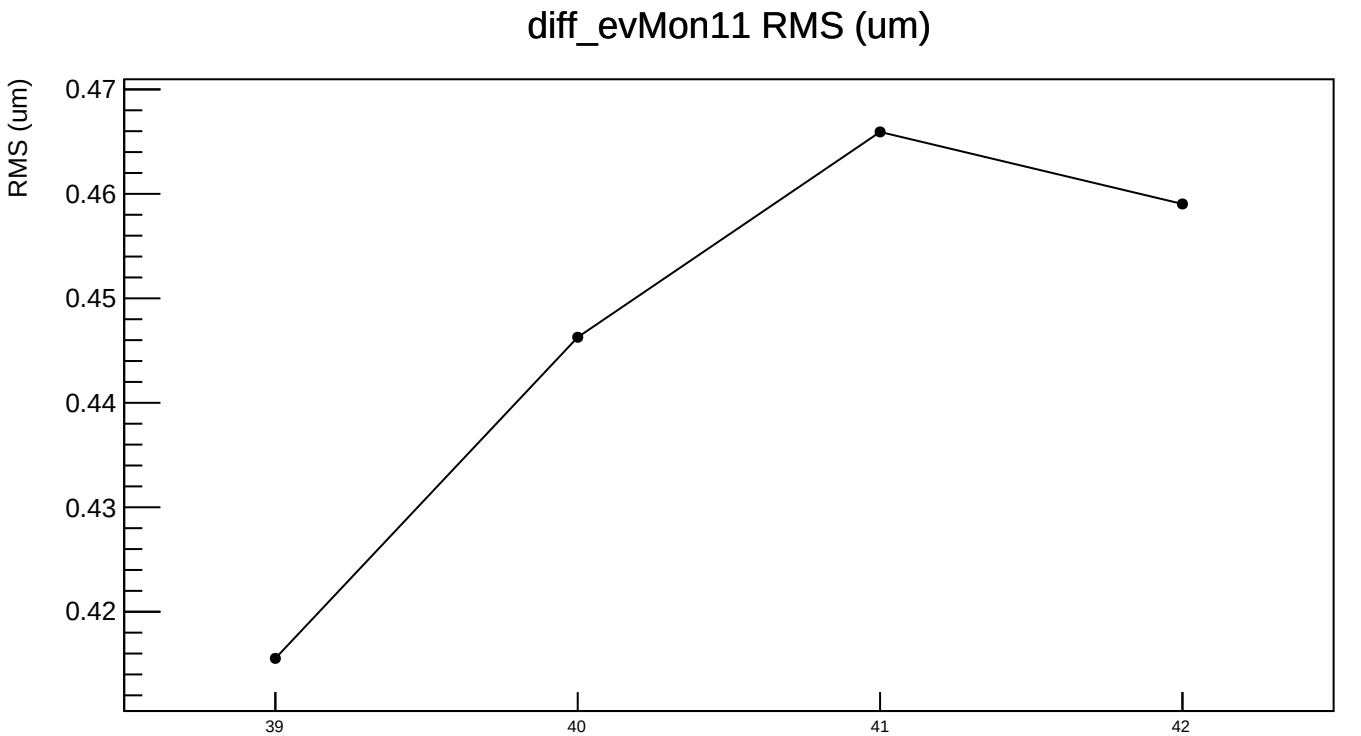

1D pull distribution
Mean 0.01461 ± 0.2403
Std Dev 0.4807 ± 0.1699
Underflow 0
Overflow 0
χ² / ndf 2.116e−08 / 0
Constant 2.181 ± 1.840
Mean −5.043e−05 ± 3.627e−01
Sigma 0.6406 ± 0.4697

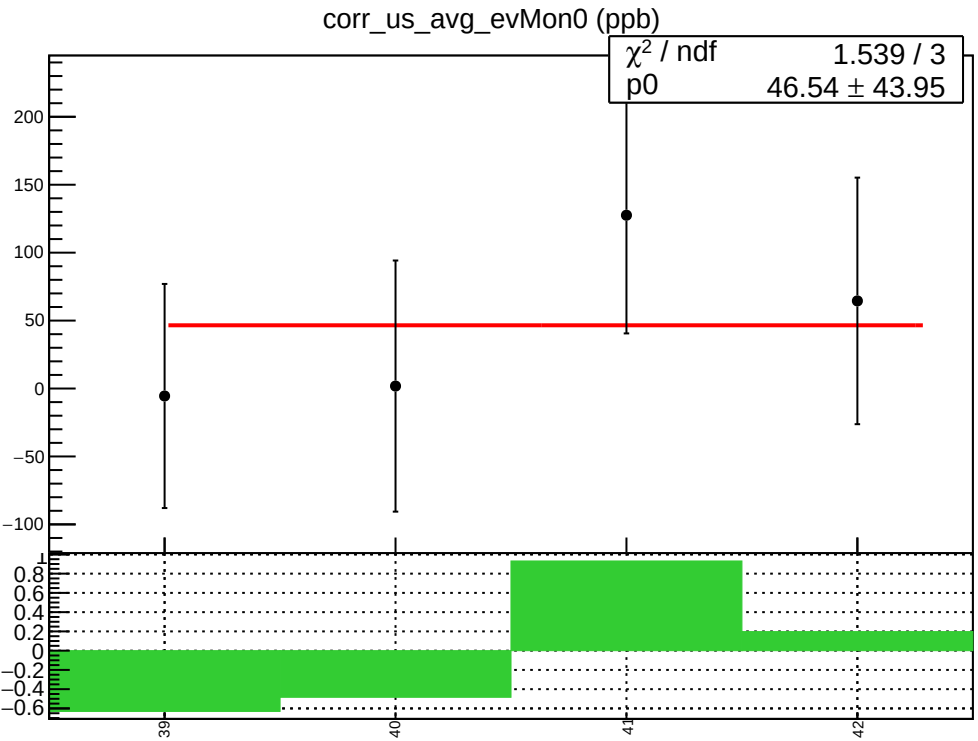
diff_evMon10 RMS (um)

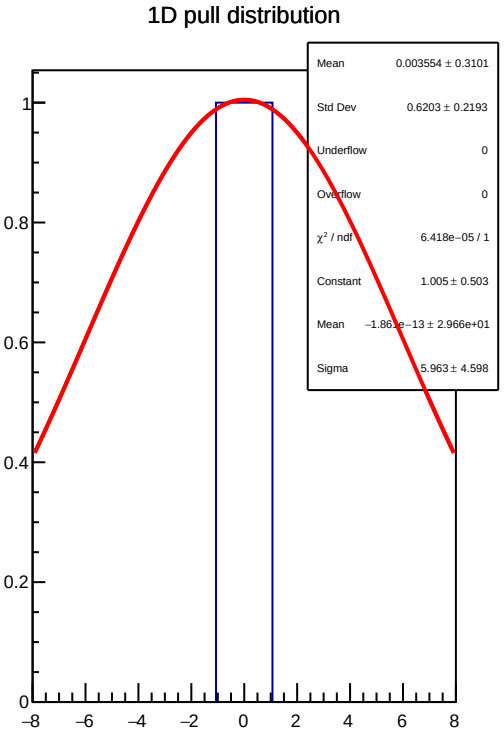


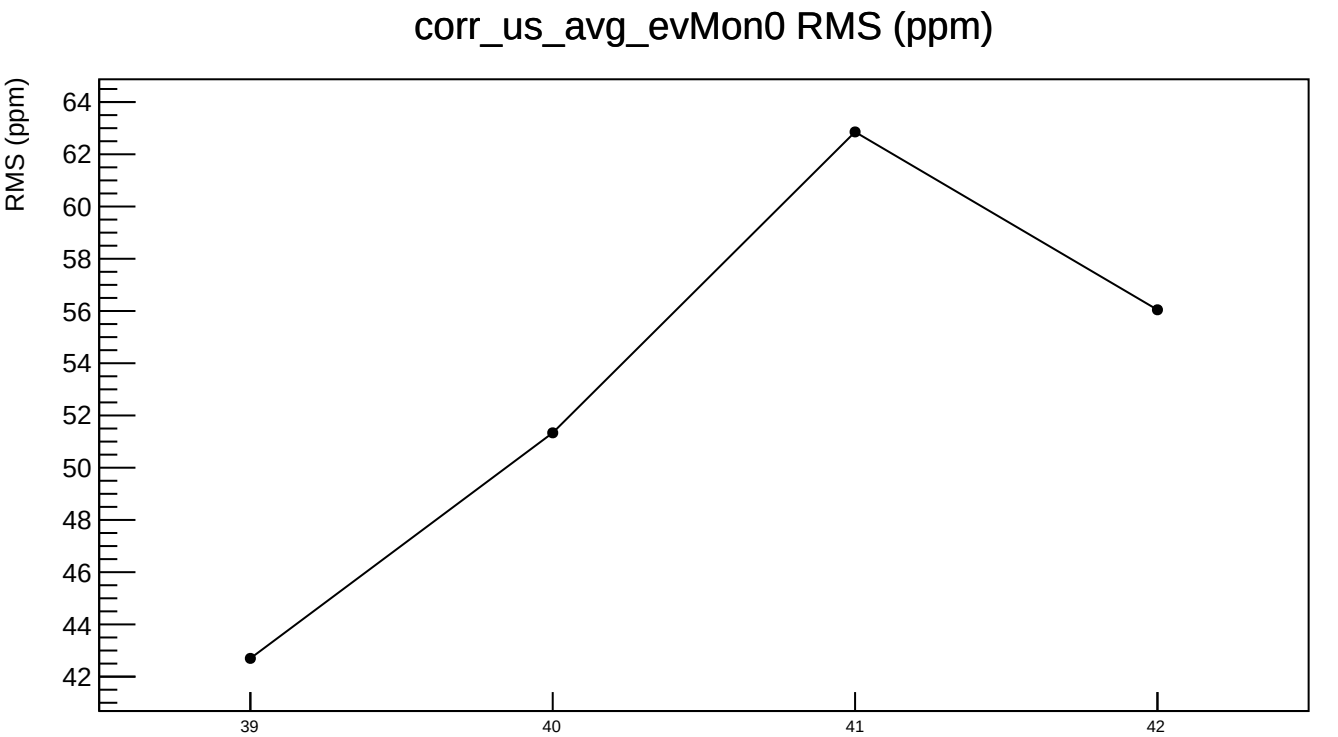

diff_evMon11 (nm)
χ^2 / ndf 1.436 / 3
p0 −0.7501 ± 0.2523
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1.2
−1.4
−1.6
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

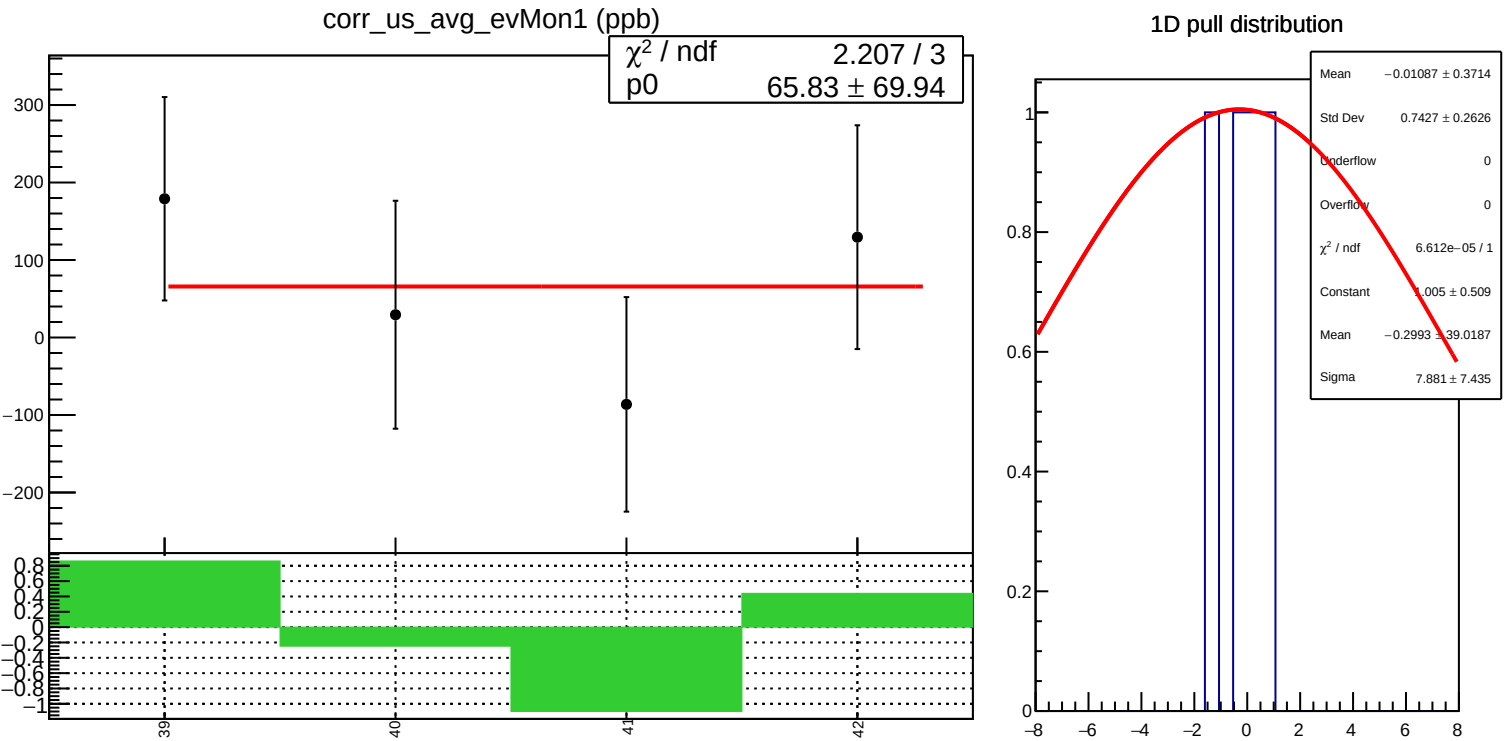

1D pull distribution
Mean −0.009993 ± 0.2995
Std Dev 0.599 ± 0.2118
Underflow 0
Overflow 0
χ^2 / ndf 0.03927 / 0
Constant 488.6 ± 6393.7
Mean −23.66 ± 40.27
Sigma 6.874 ± 4.625
35
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8


diff_evMon11 RMS (um)
RMS (um)
0.47
0.46
0.45
0.44
0.43
0.42
39
40
41
42

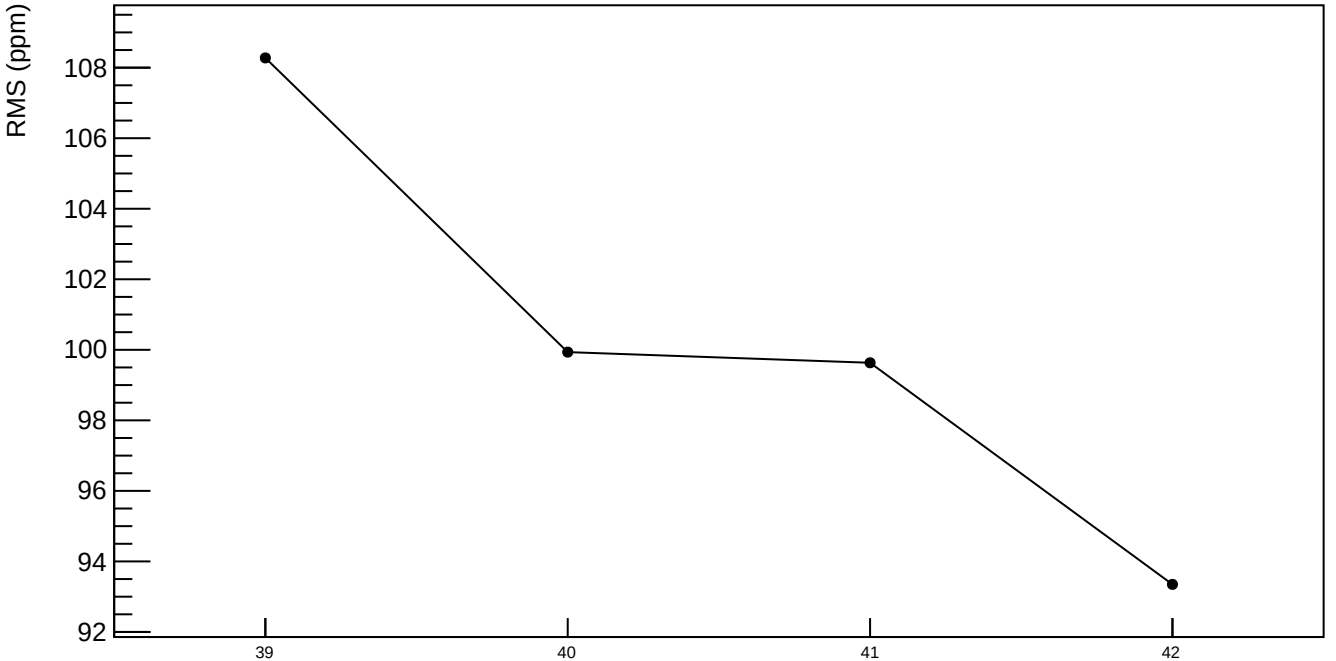

corr_us_avg_evMon0 (ppb)
χ² / ndf 1.539 / 3
p0 46.54 ± 43.95
200
150
100
50
0
−50
−100
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

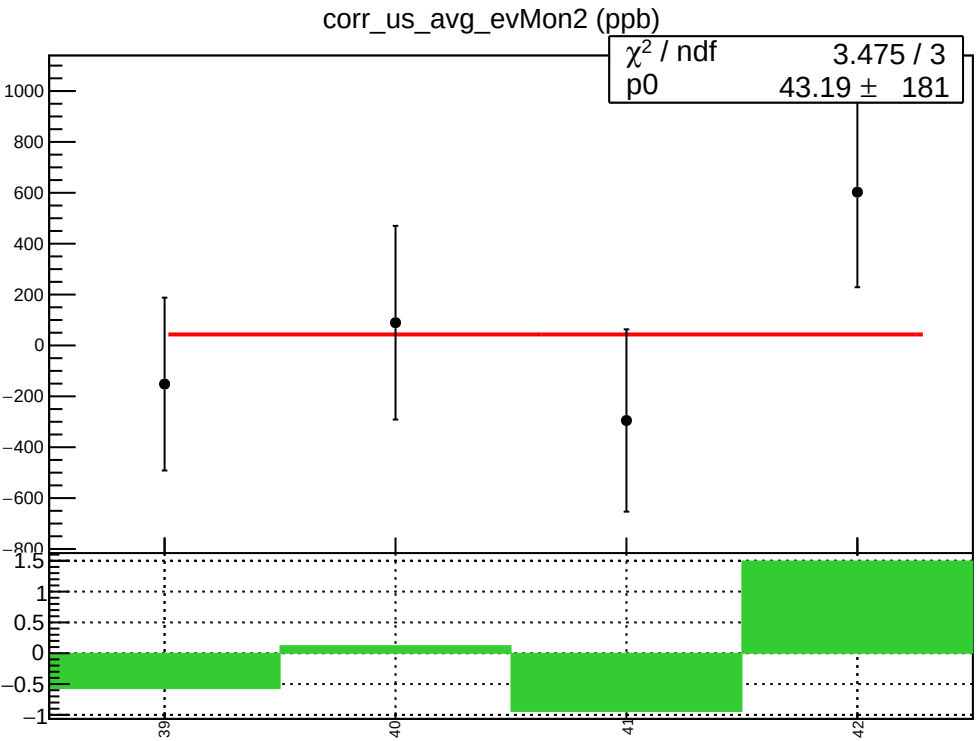

1D pull distribution
Mean 0.003554 ± 0.3101
Std Dev 0.6203 ± 0.2193
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

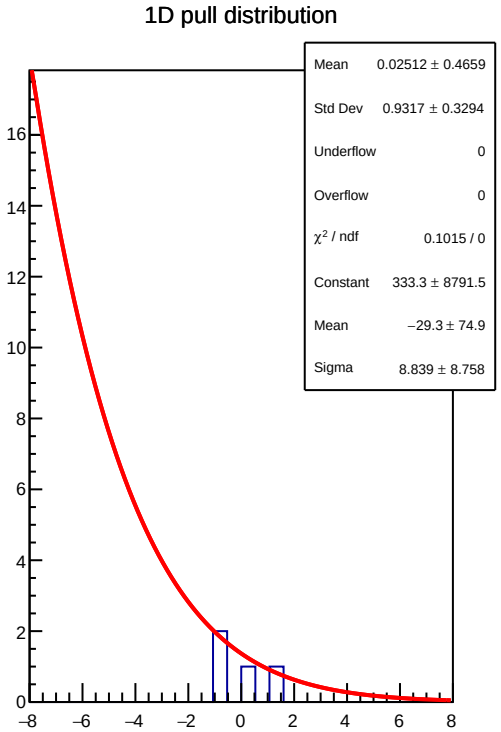

corr_us_avg_evMon0 RMS (ppm)
RMS (ppm)
64
62
60
58
56
54
52
50
48
46
44
42
39
40
41
42

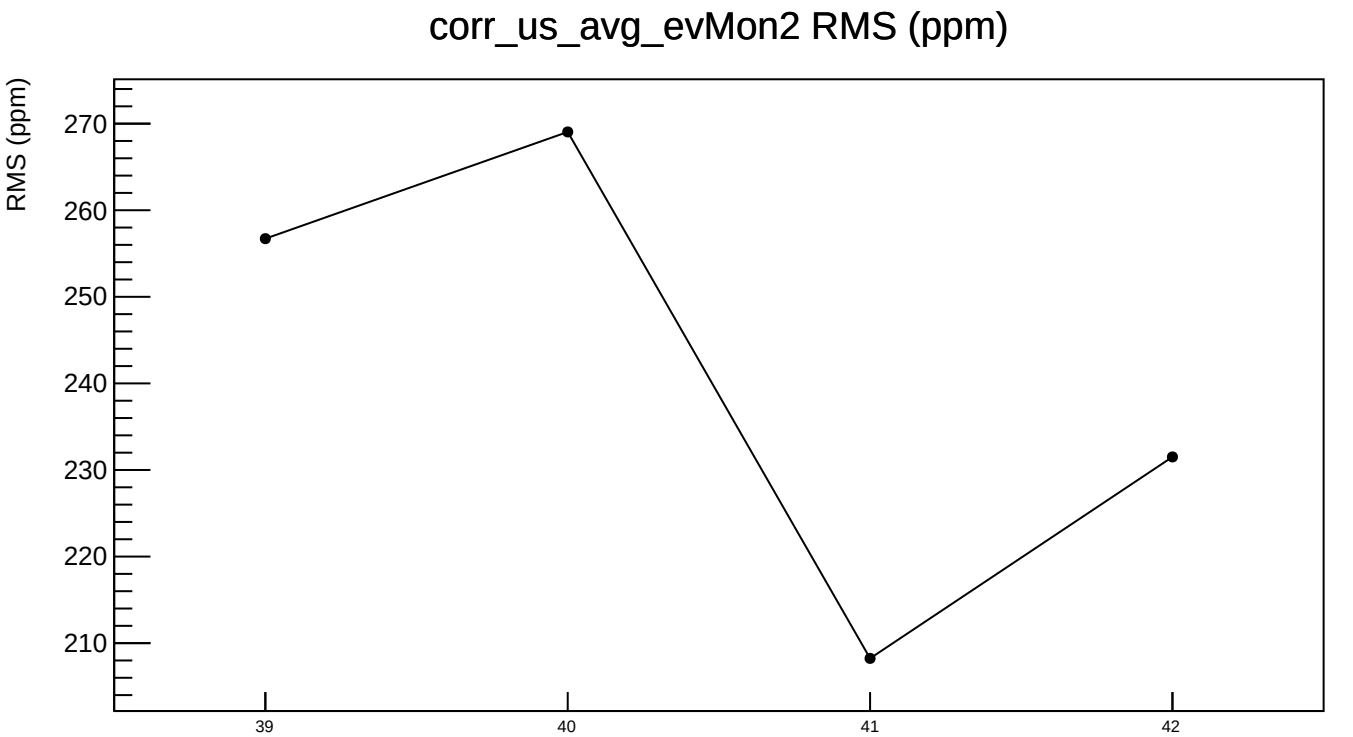

corr_us_avg_evMon1 (ppb)
χ² / ndf 2.207 / 3
p0 65.83 ± 69.94
1D pull distribution
Mean −0.01087 ± 0.3714
Std Dev 0.7427 ± 0.2626
Underflow 0
Overflow 0
χ² / ndf 6.612e−05 / 1
Constant 1.005 ± 0.509
Mean −0.2993 ± 39.0187
Sigma 7.881 ± 7.435

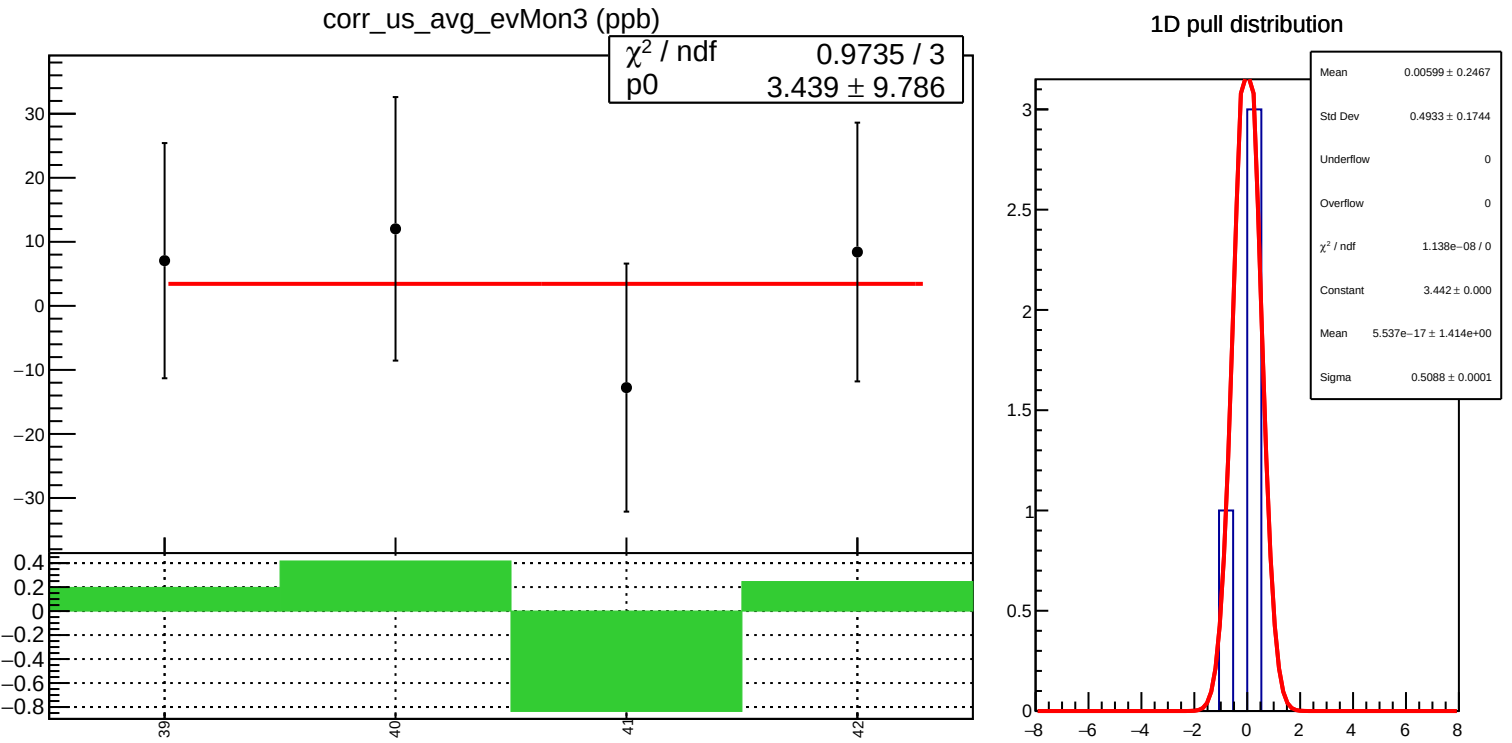
corr_us_avg_evMon1 RMS (ppm)

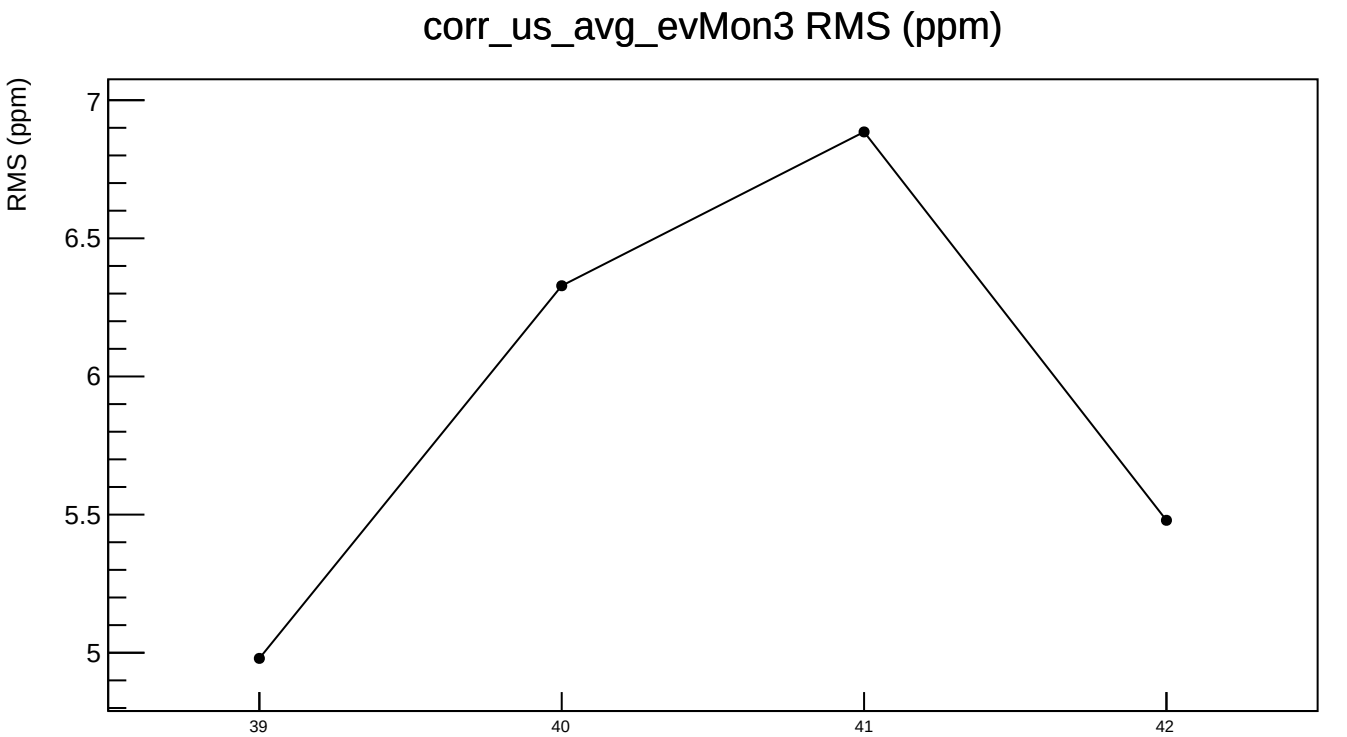


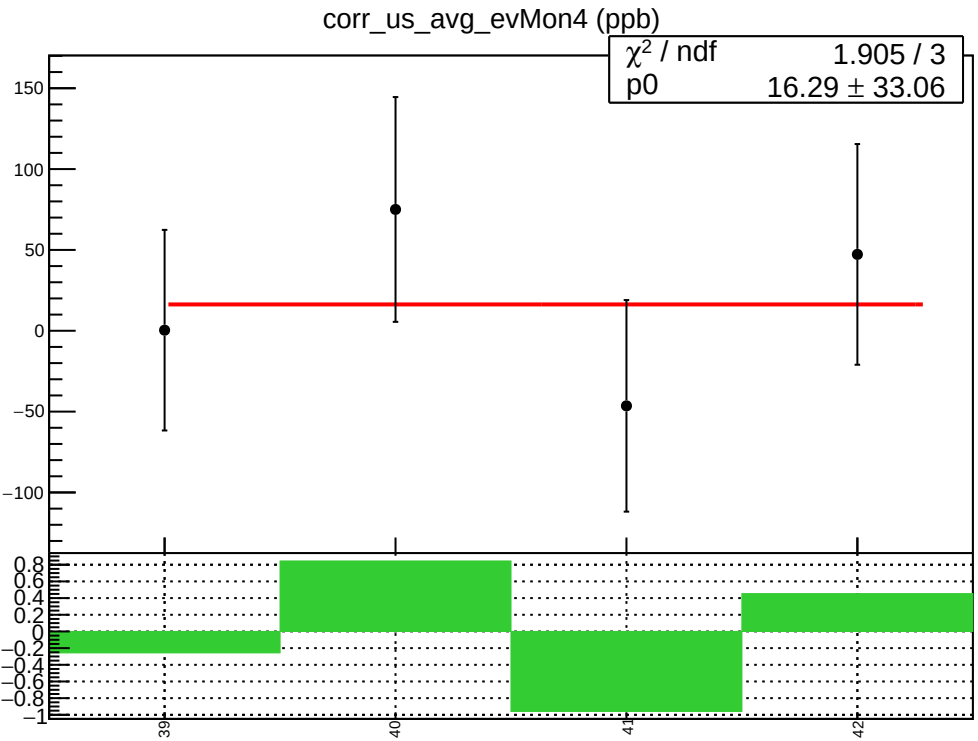

corr_us_avg_evMon2 (ppb)
χ² / ndf 3.475 / 3
p0 43.19 ± 181
1000
800
600
400
200
0
−200
−400
−600
−800
1.5
1
0.5
0
−0.5
−1
39
40
41
42

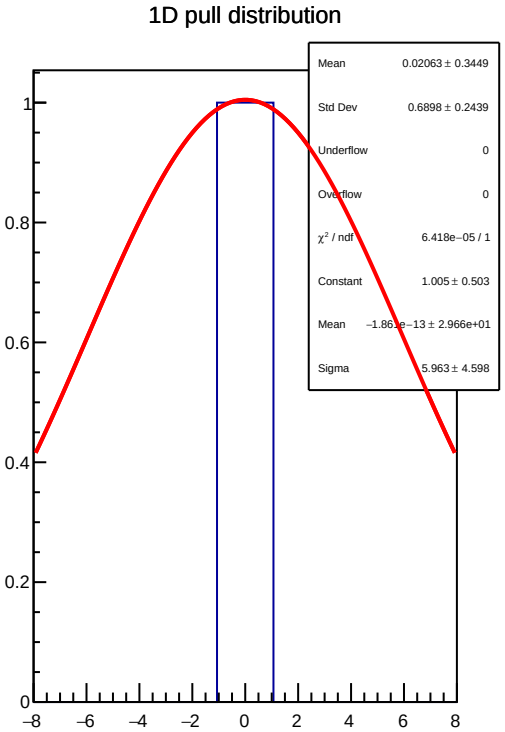

1D pull distribution
Mean 0.02512 ± 0.4659
Std Dev 0.9317 ± 0.3294
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8


corr_us_avg_evMon2 RMS (ppm)
RMS (ppm)
270
260
250
240
230
220
210
39
40
41
42

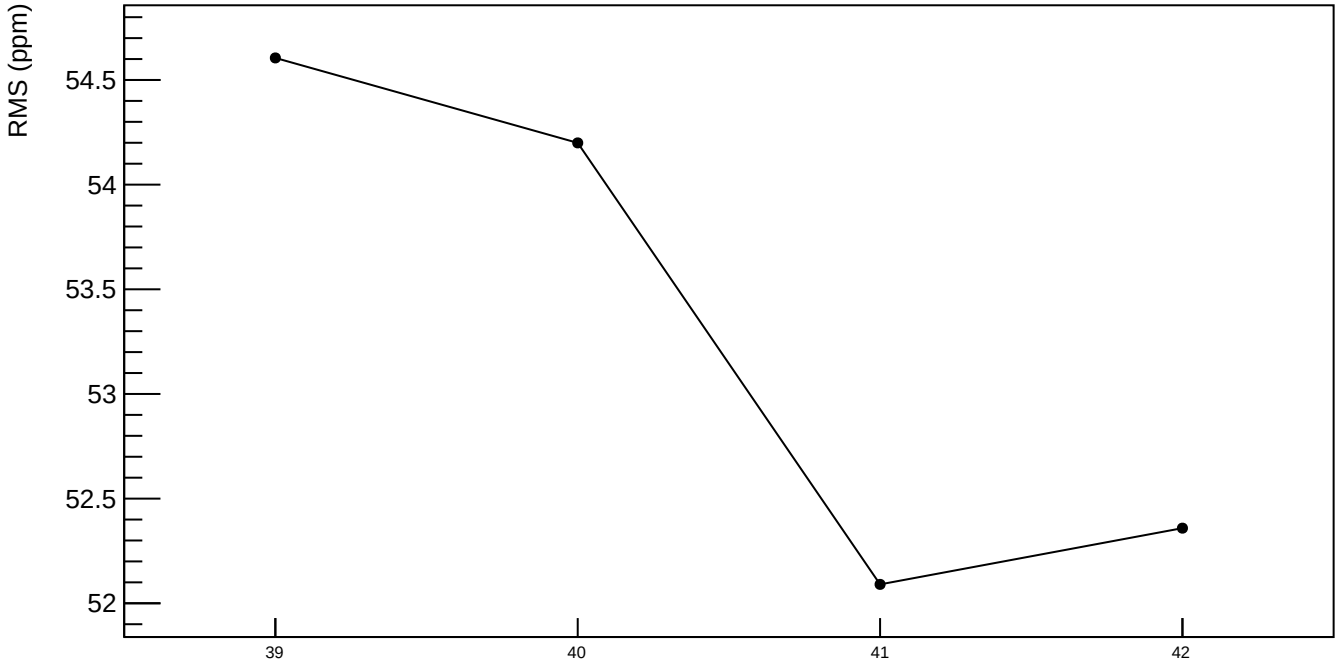

corr_us_avg_evMon3 (ppb)
χ² / ndf 0.9735 / 3
p0 3.439 ± 9.786
30
20
10
0
−10
−20
−30
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42
1D pull distribution
Mean 0.00599 ± 0.2467
Std Dev 0.4933 ± 0.1744
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

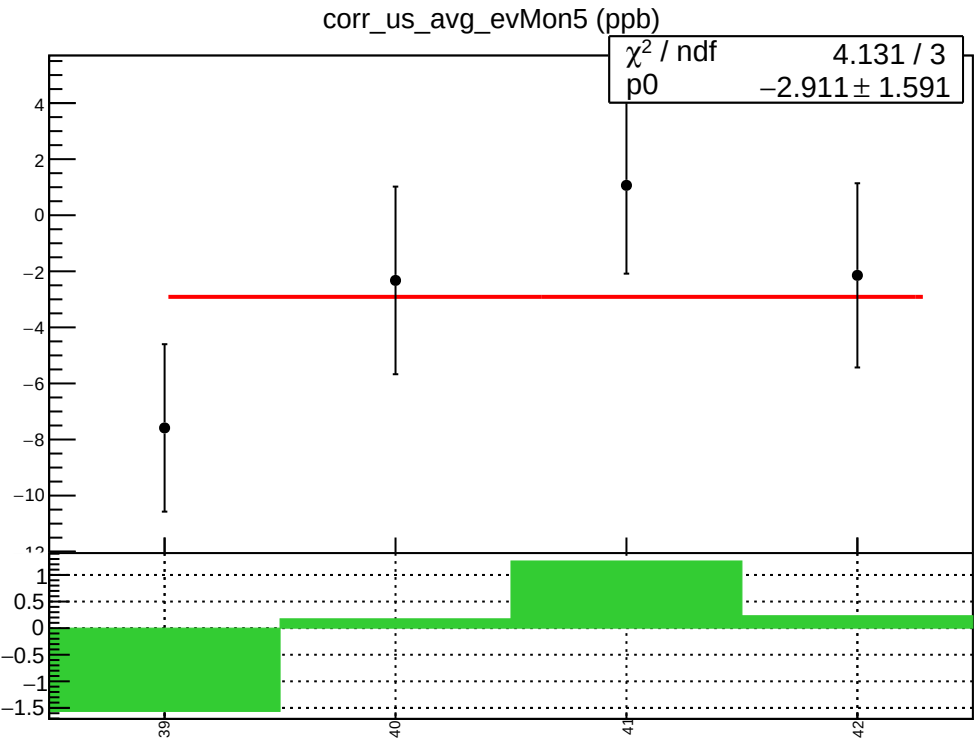

corr_us_avg_evMon3 RMS (ppm)
RMS (ppm)
7
6.5
6
5.5
5
39
40
41
42

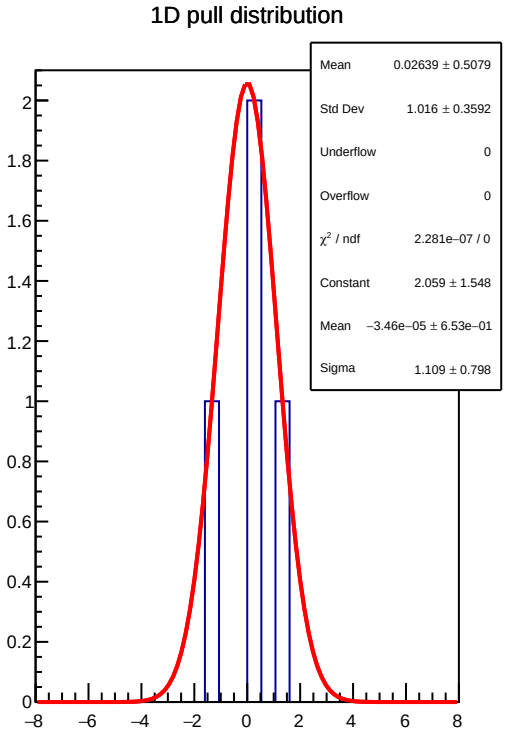

corr_us_avg_evMon4 (ppb)
χ² / ndf 1.905 / 3
p0 16.29 ± 33.06
150
100
50
0
−50
−100
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
39
40
41
42

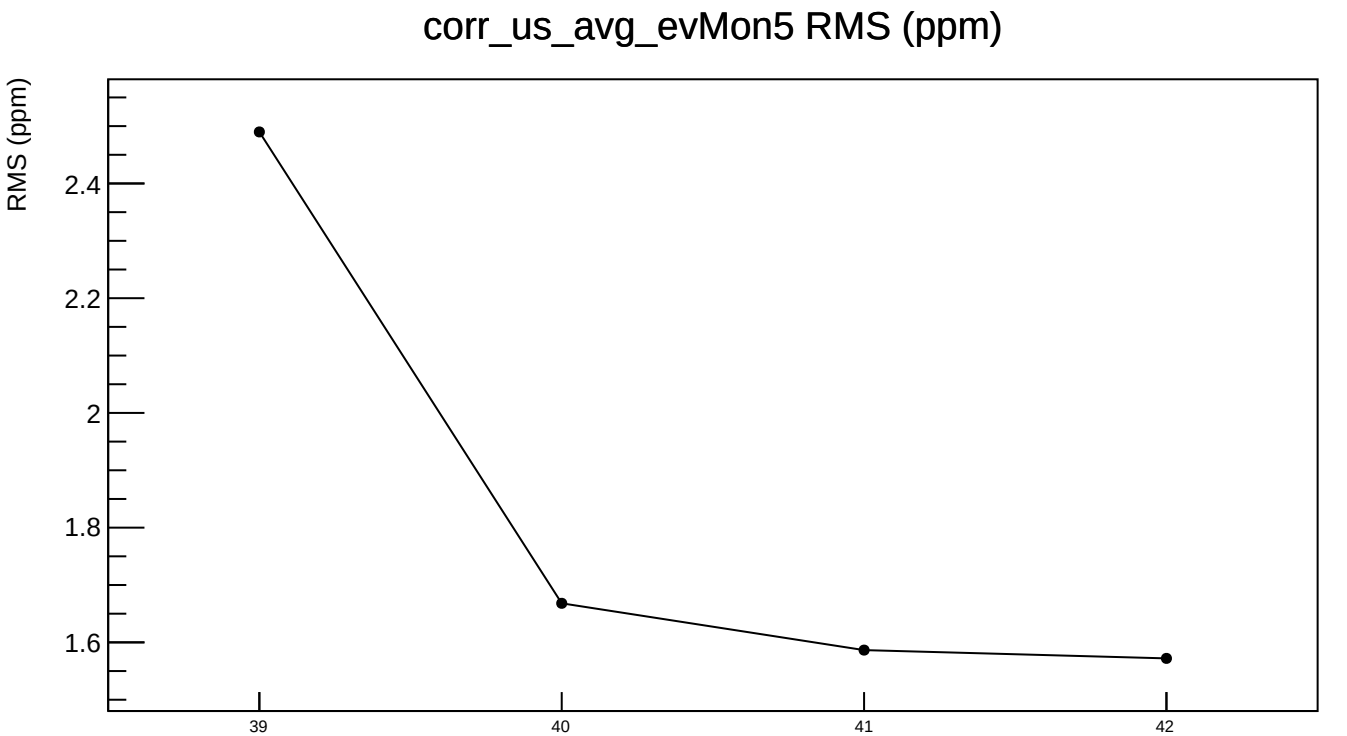

1D pull distribution
Mean 0.02063 ± 0.3449
Std Dev 0.6898 ± 0.2439
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

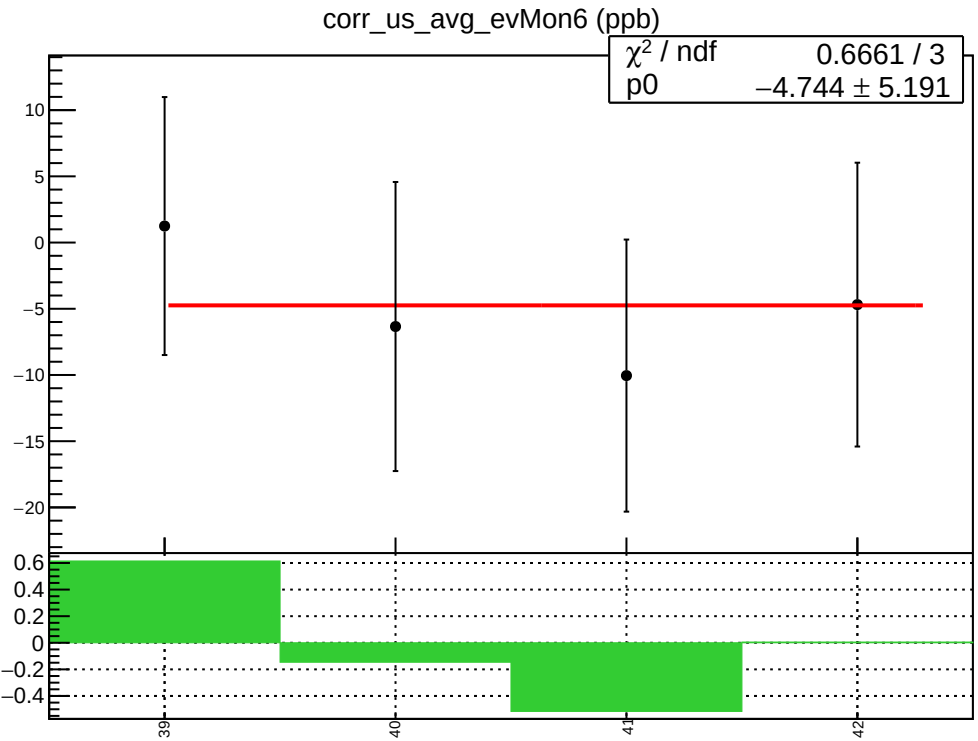
corr_us_avg_evMon4 RMS (ppm)

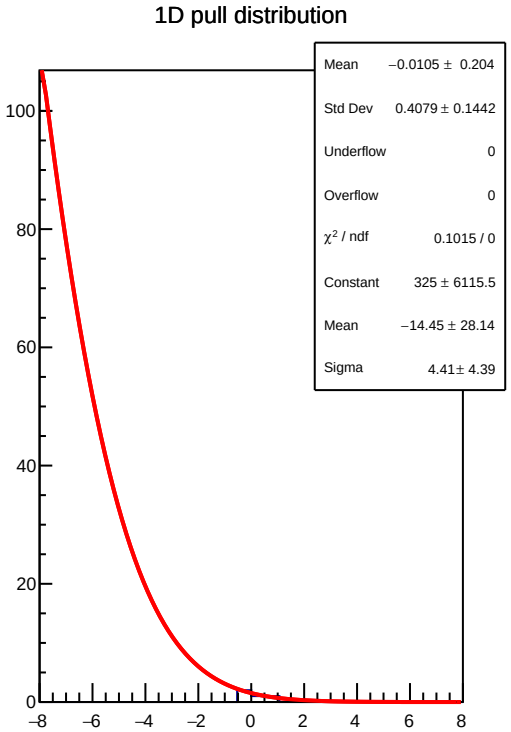


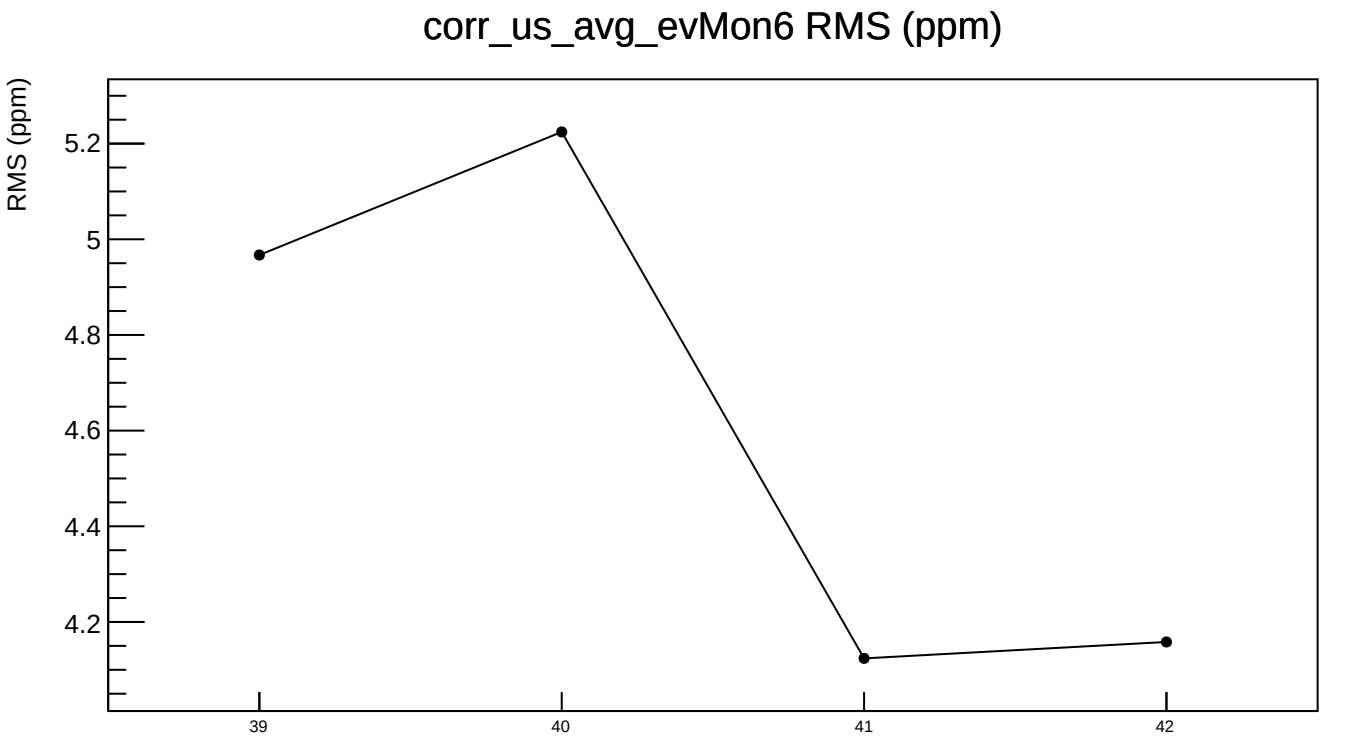

corr_us_avg_evMon5 (ppb)
χ² / ndf 4.131 / 3
p0 −2.911 ± 1.591
39
40
41
42

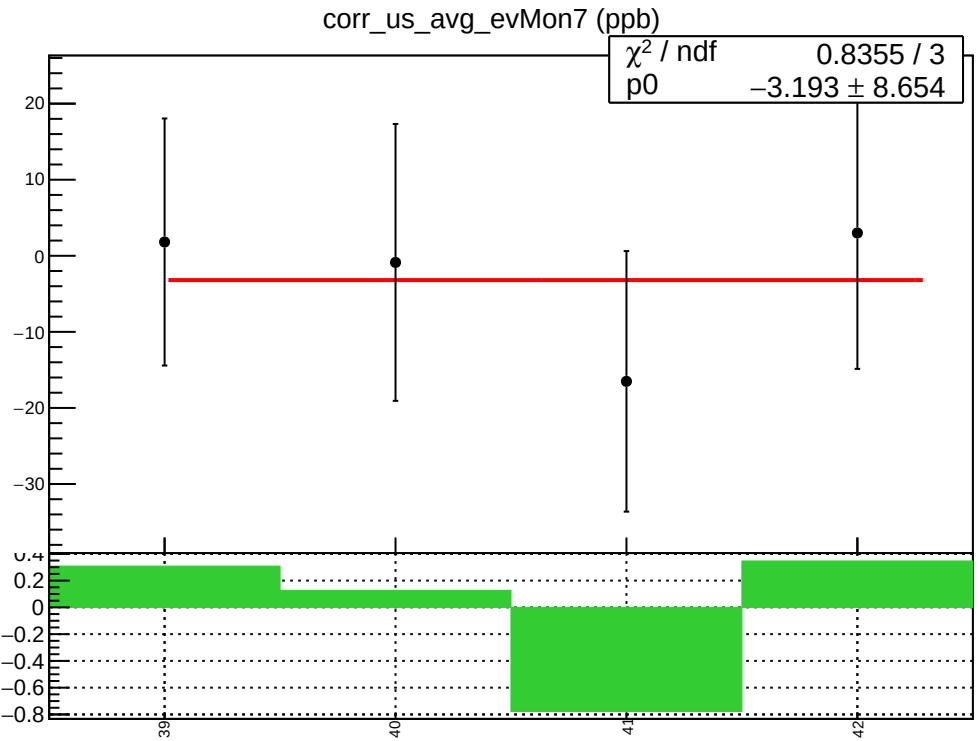

1D pull distribution
Mean 0.02639 ± 0.5079
Std Dev 1.016 ± 0.3592
Underflow 0
Overflow 0
χ² / ndf 2.281e−07 / 0
Constant 2.059 ± 1.548
Mean −3.46e−05 ± 6.53e−01
Sigma 1.109 ± 0.798

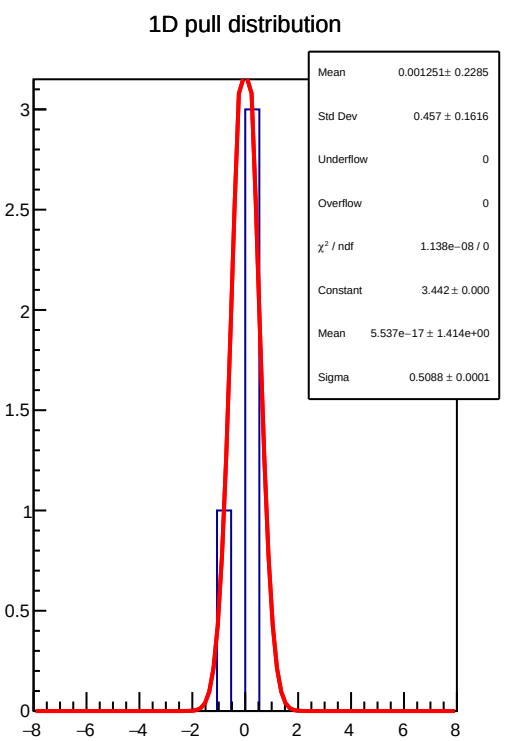

corr_us_avg_evMon5 RMS (ppm)
RMS (ppm)
2.4
2.2
2
1.8
1.6
39
40
41
42


corr_us_avg_evMon6 (ppb)
χ² / ndf 0.6661 / 3
p0 −4.744 ± 5.191
10
5
0
−5
−10
−15
−20
0.6
0.4
0.2
0
−0.2
−0.4
39
40
41
42

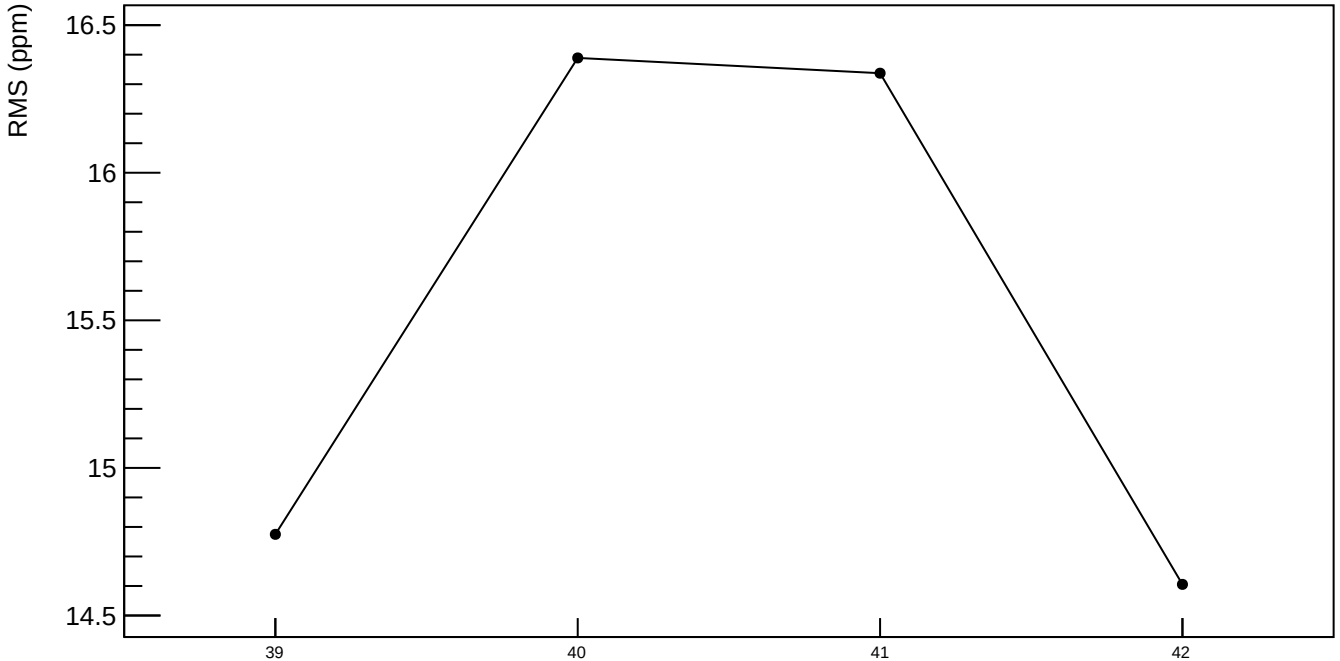

1D pull distribution
Mean −0.0105 ± 0.204
Std Dev 0.4079 ± 0.1442
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 325 ± 6115.5
Mean −14.45 ± 28.14
Sigma 4.41± 4.39
100
80
60
40
20
0
−8
−6
−4
−2
0
2
4
6
8

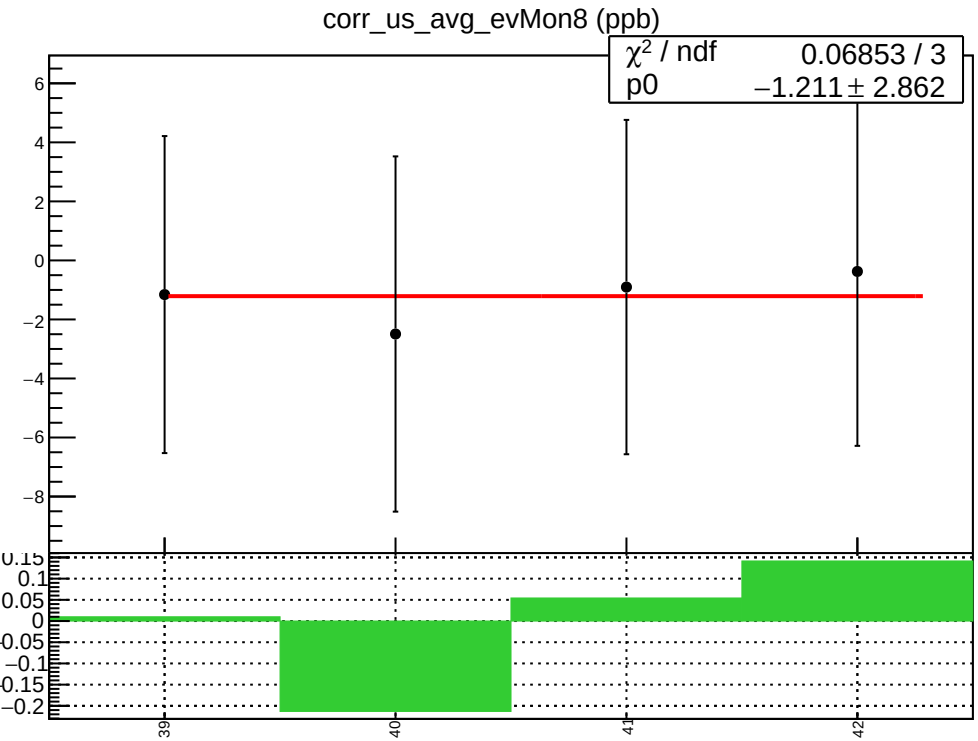

corr_us_avg_evMon6 RMS (ppm)
RMS (ppm)
5.2
5
4.8
4.6
4.4
4.2
39
40
41
42

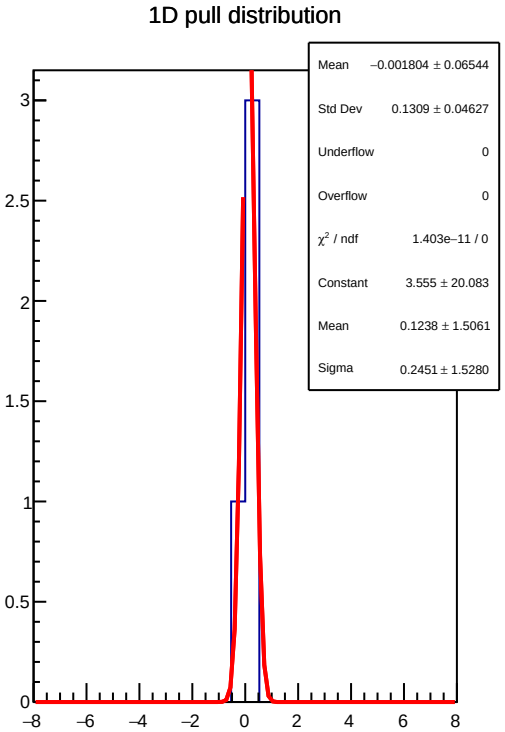

corr_us_avg_evMon7 (ppb)
χ² / ndf 0.8355 / 3
p0 −3.193 ± 8.654
20
10
0
−10
−20
−30
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

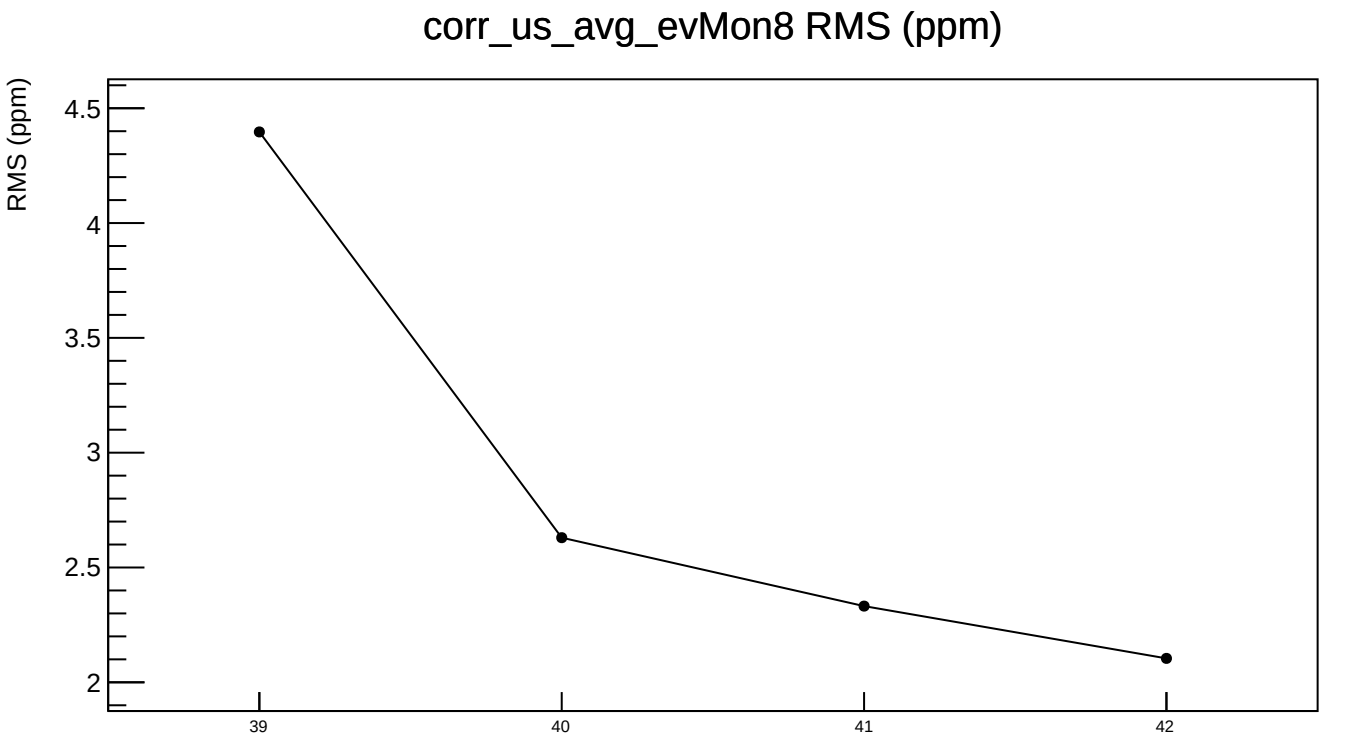

1D pull distribution
Mean 0.001251 ± 0.2285
Std Dev 0.457 ± 0.1616
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

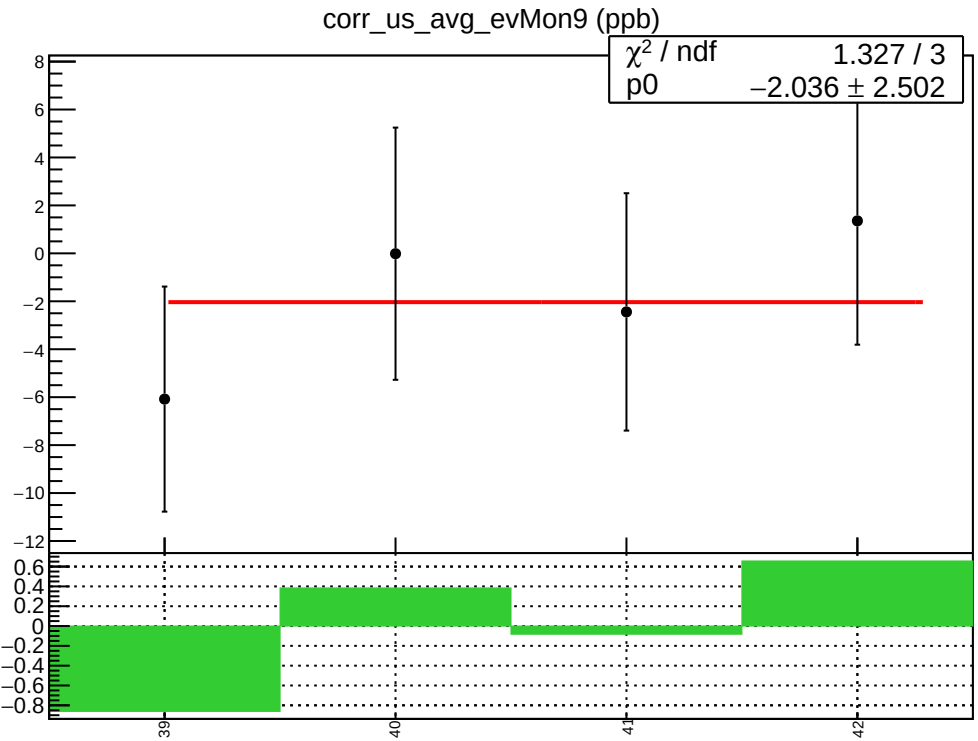
corr_us_avg_evMon7 RMS (ppm)

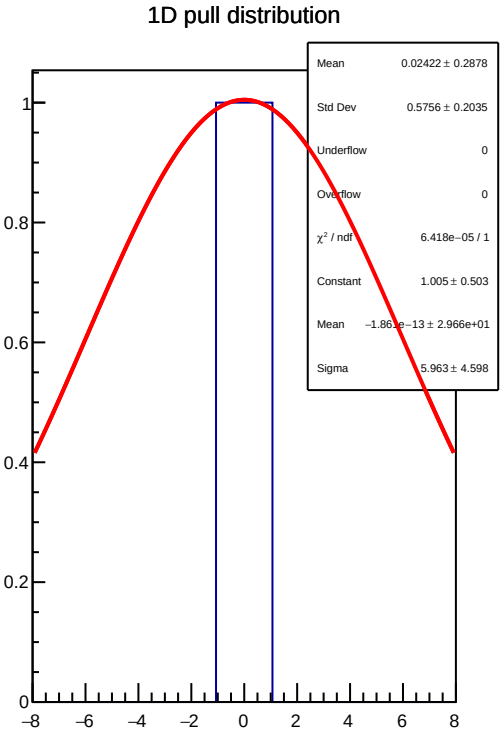



corr_us_avg_evMon8 (ppb)
χ^2 / ndf 0.06853 / 3
p0 −1.211 ± 2.862
6
4
2
0
−2
−4
−6
−8
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
39
40
41
42

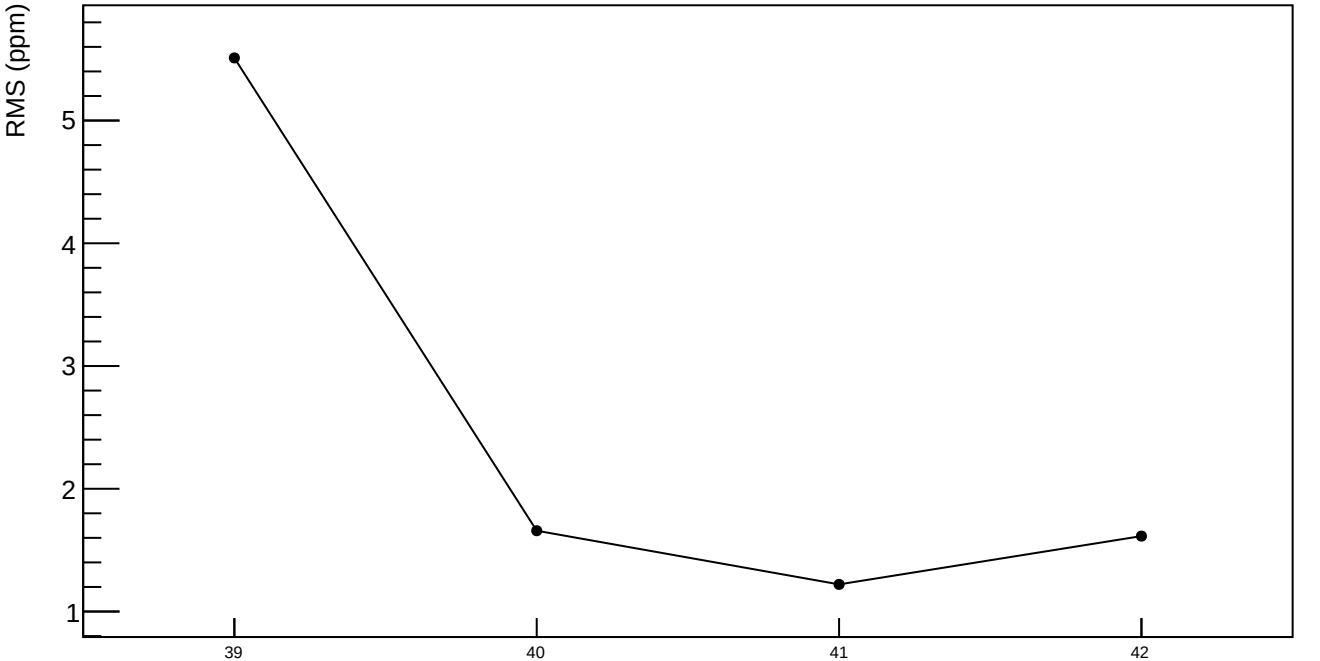

1D pull distribution
Mean −0.001804 ± 0.06544
Std Dev 0.1309 ± 0.04627
Underflow 0
Overflow 0
χ^2 / ndf 1.403e−11 / 0
Constant 3.555 ± 20.083
Mean 0.1238 ± 1.5061
Sigma 0.2451 ± 1.5280
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

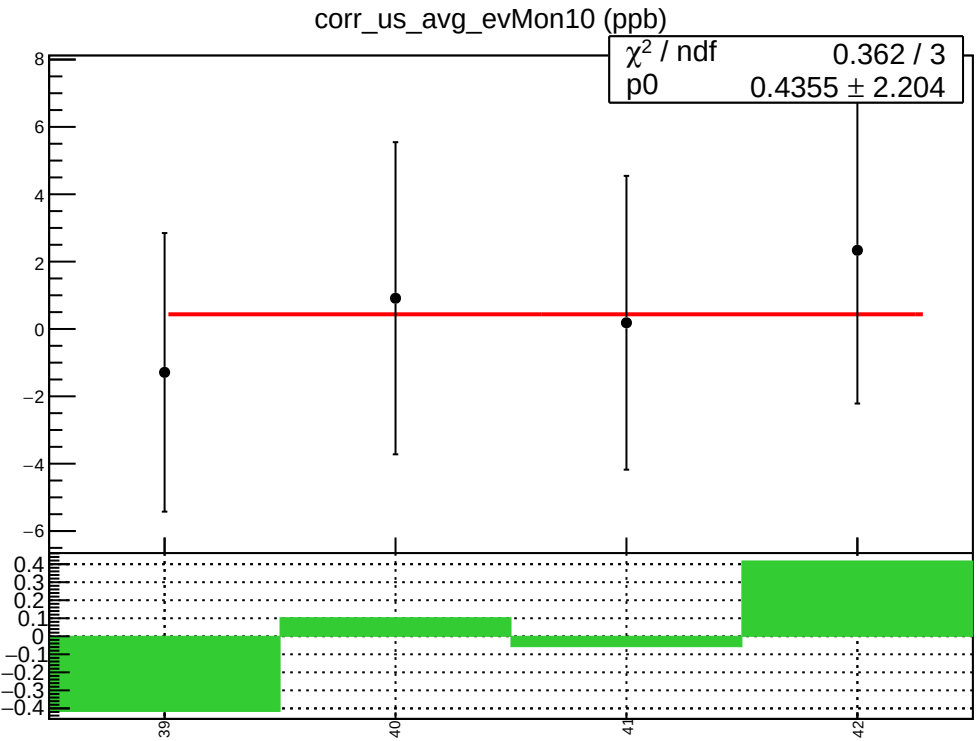

corr_us_avg_evMon8 RMS (ppm)
RMS (ppm)
4.5
4
3.5
3
2.5
2
39
40
41
42

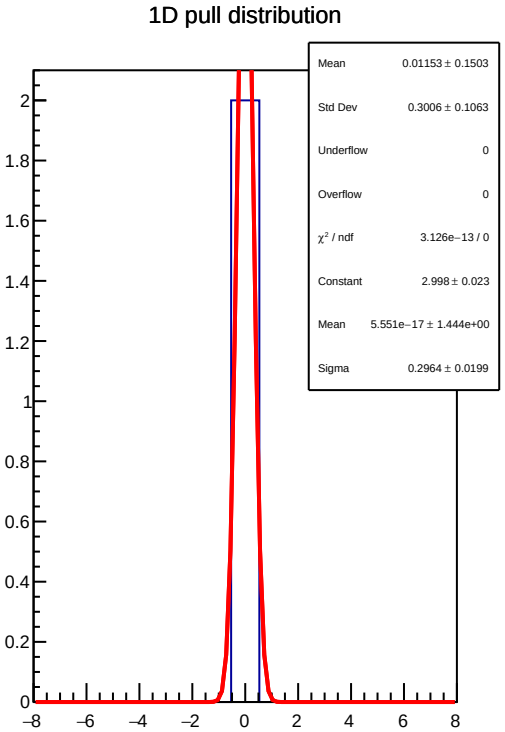

corr_us_avg_evMon9 (ppb)
χ² / ndf 1.327 / 3
p0 −2.036 ± 2.502
8
6
4
2
0
−2
−4
−6
−8
−10
−12
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42


1D pull distribution
Mean 0.02422 ± 0.2878
Std Dev 0.5756 ± 0.2035
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

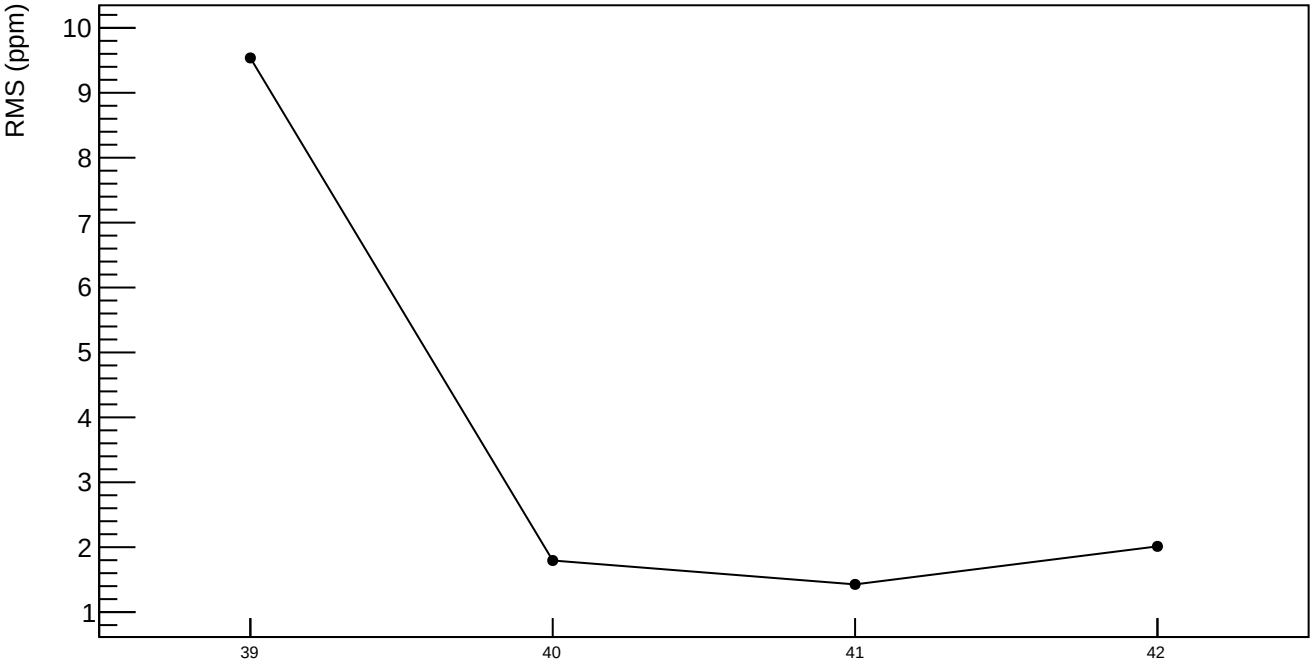
corr_us_avg_evMon9 RMS (ppm)

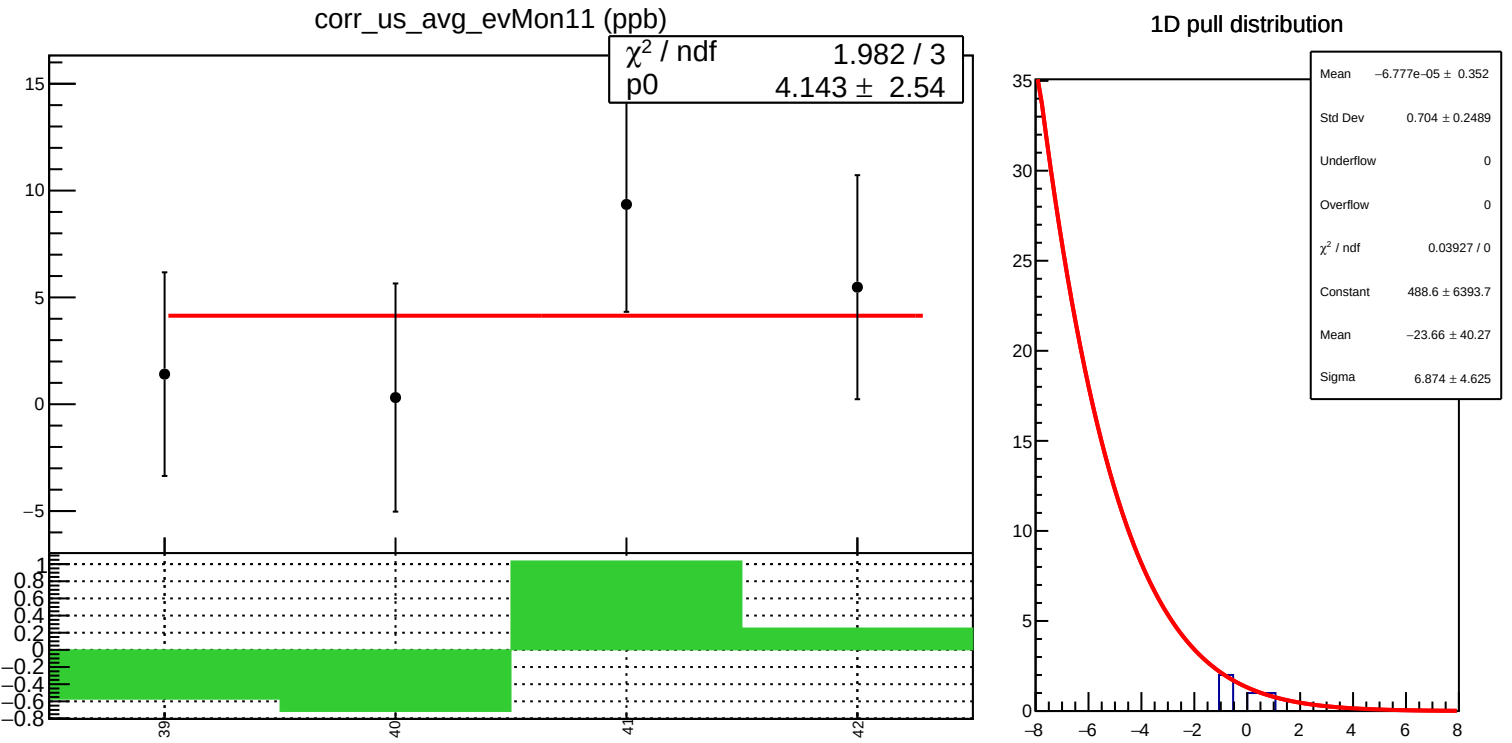



corr_us_avg_evMon10 (ppb)
χ² / ndf 0.362 / 3
p0 0.4355 ± 2.204
39
40
41
42

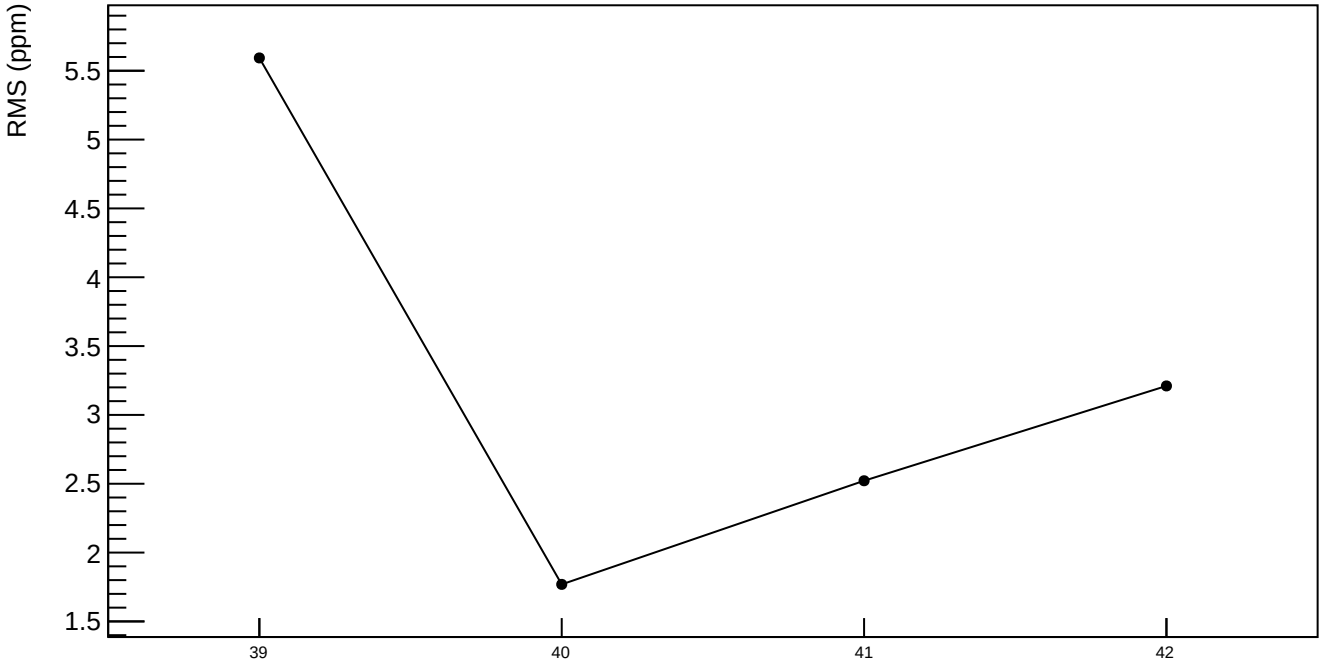

1D pull distribution
Mean 0.01153 ± 0.1503
Std Dev 0.3006 ± 0.1063
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199

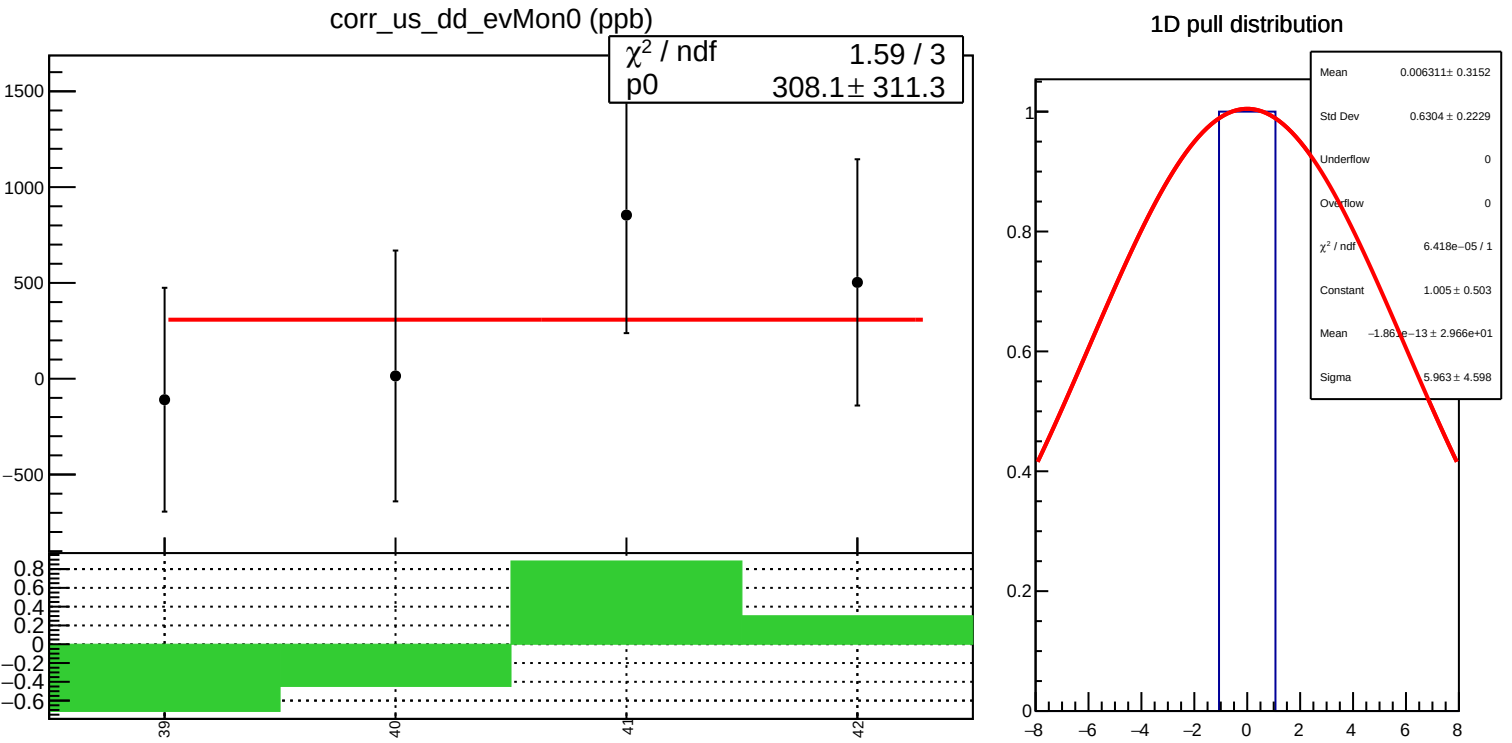
corr_us_avg_evMon10 RMS (ppm)

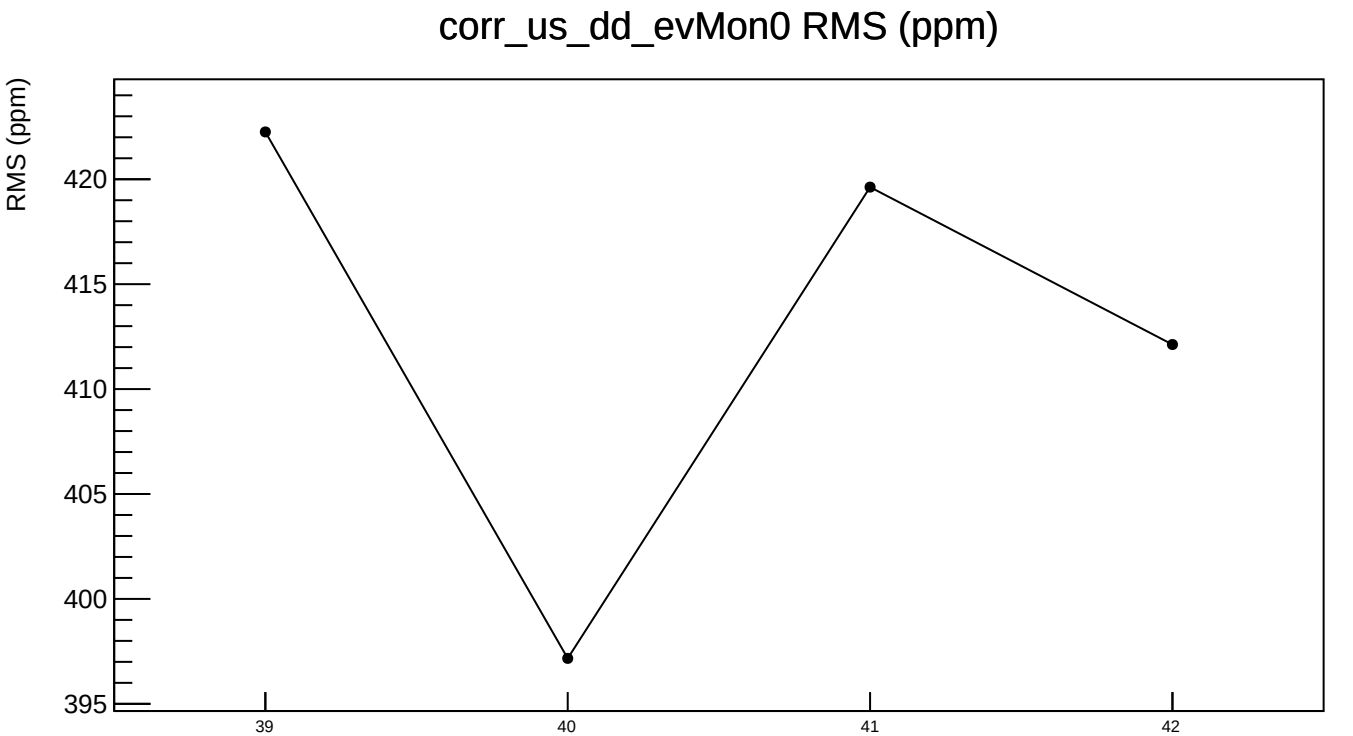


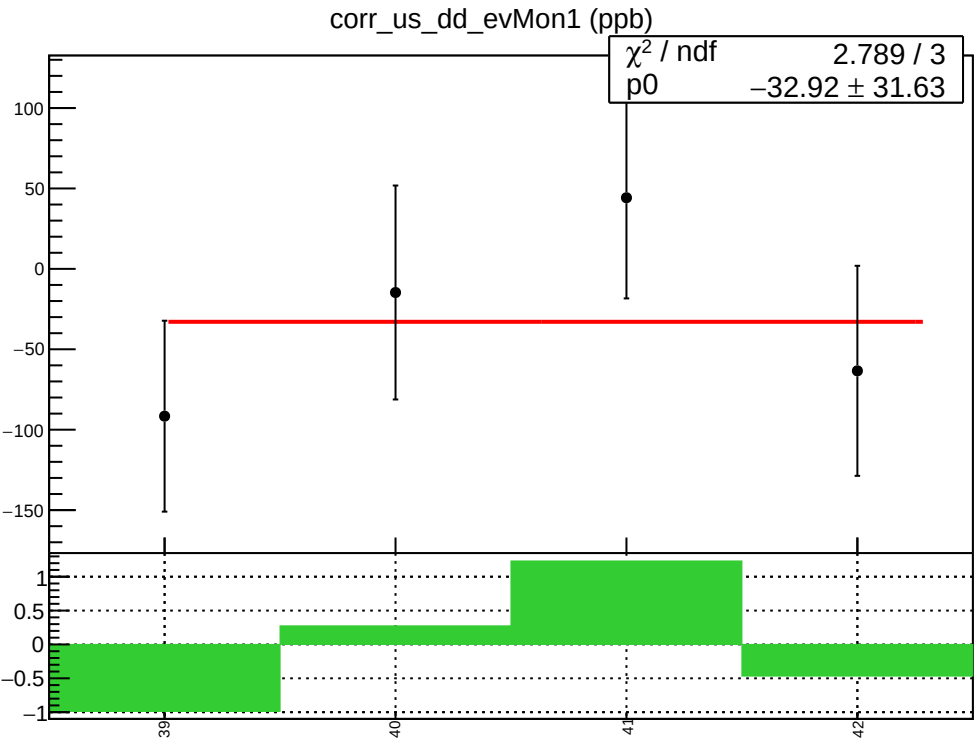

corr_us_avg_evMon11 (ppb)
χ² / ndf 1.982 / 3
p0 4.143 ± 2.54
1D pull distribution
Mean −6.777e-05 ± 0.352
Std Dev 0.704 ± 0.2489
Underflow 0
Overflow 0
χ² / ndf 0.03927 / 0
Constant 488.6 ± 6393.7
Mean −23.66 ± 40.27
Sigma 6.874 ± 4.625

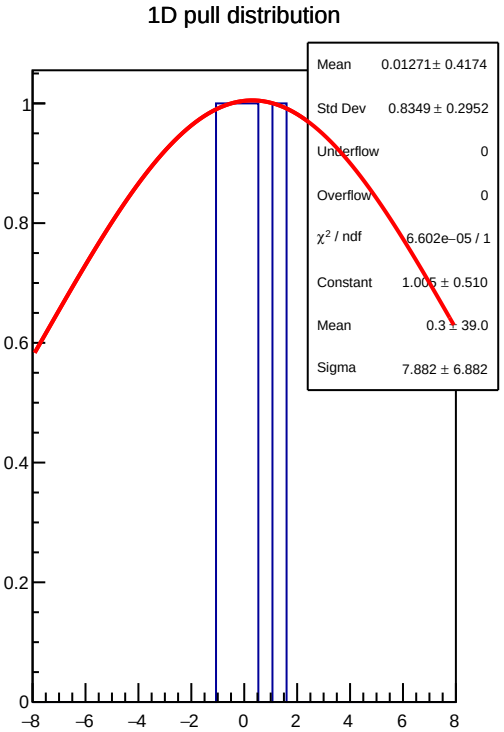
corr_us_avg_evMon11 RMS (ppm)

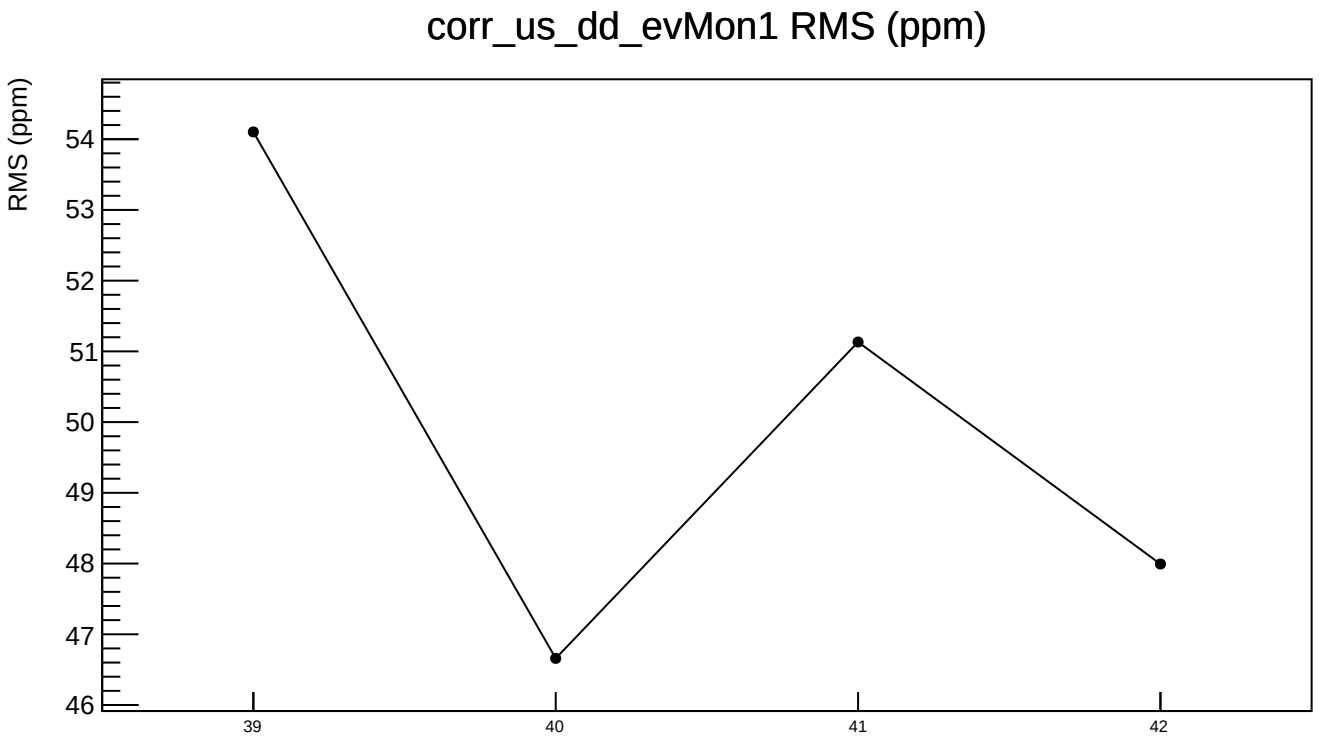


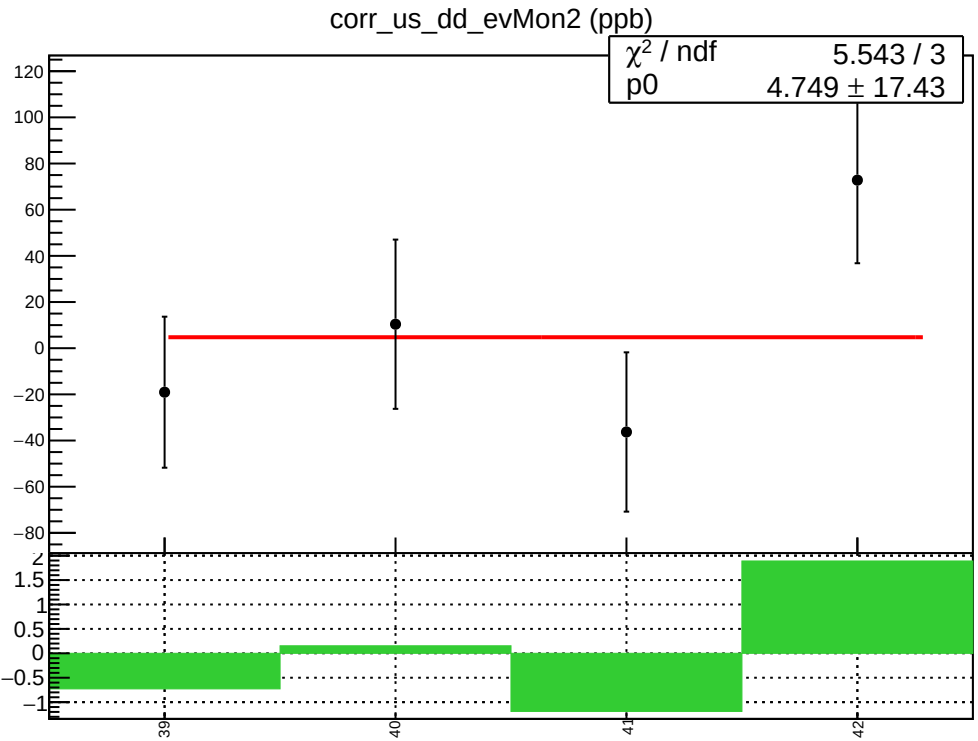

corr_us_dd_evMon0 (ppb)
χ² / ndf 1.59 / 3
p0 308.1 ± 311.3
1500
1000
500
0
−500
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42
1D pull distribution
Mean 0.006311 ± 0.3152
Std Dev 0.6304 ± 0.2229
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

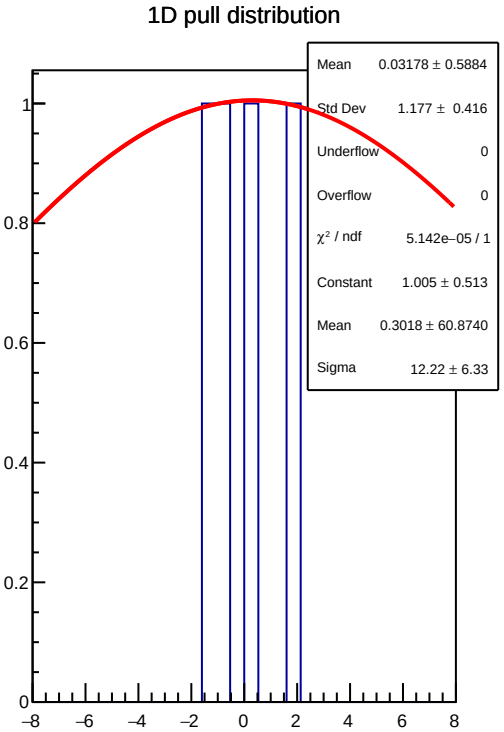

corr_us_dd_evMon0 RMS (ppm)
RMS (ppm)
420
415
410
405
400
395
39
40
41
42

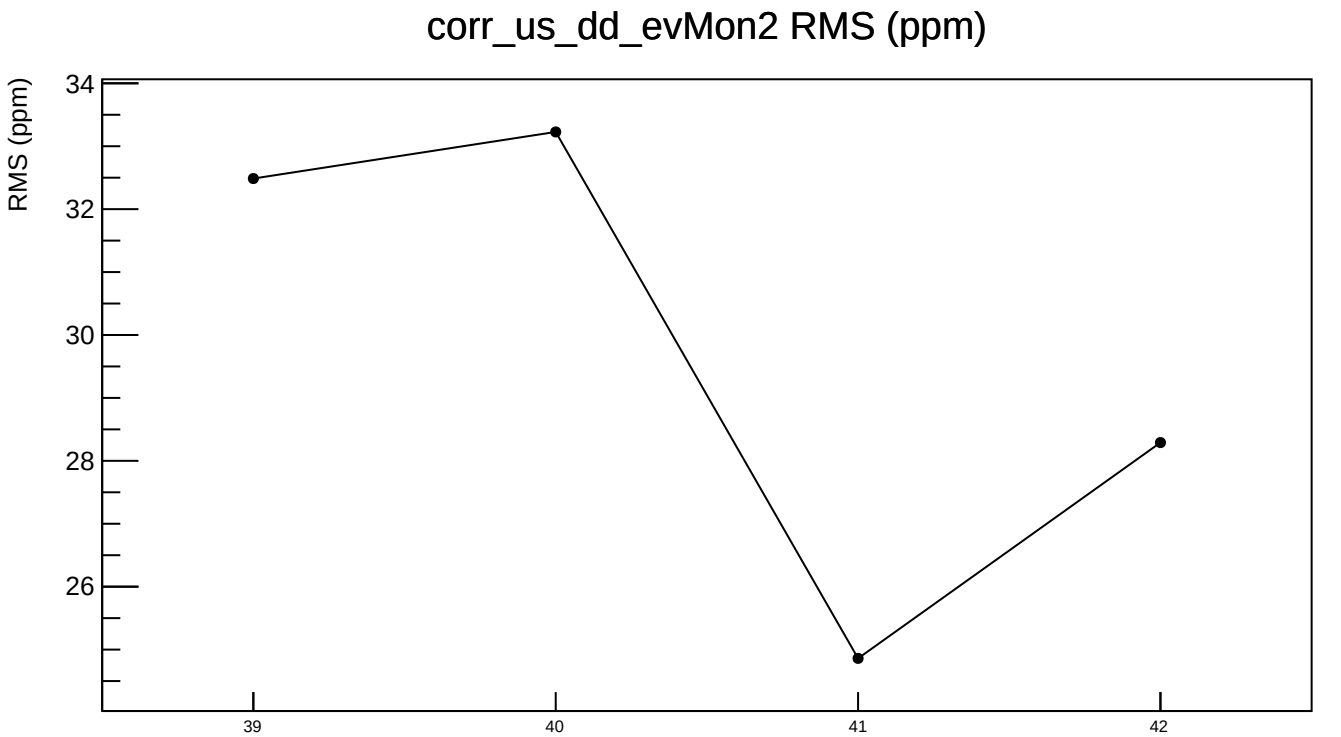

corr_us_dd_evMon1 (ppb)
χ² / ndf 2.789 / 3
p0 −32.92 ± 31.63
100
50
0
−50
−100
−150
1
0.5
0
−0.5
−1
39
40
41
42

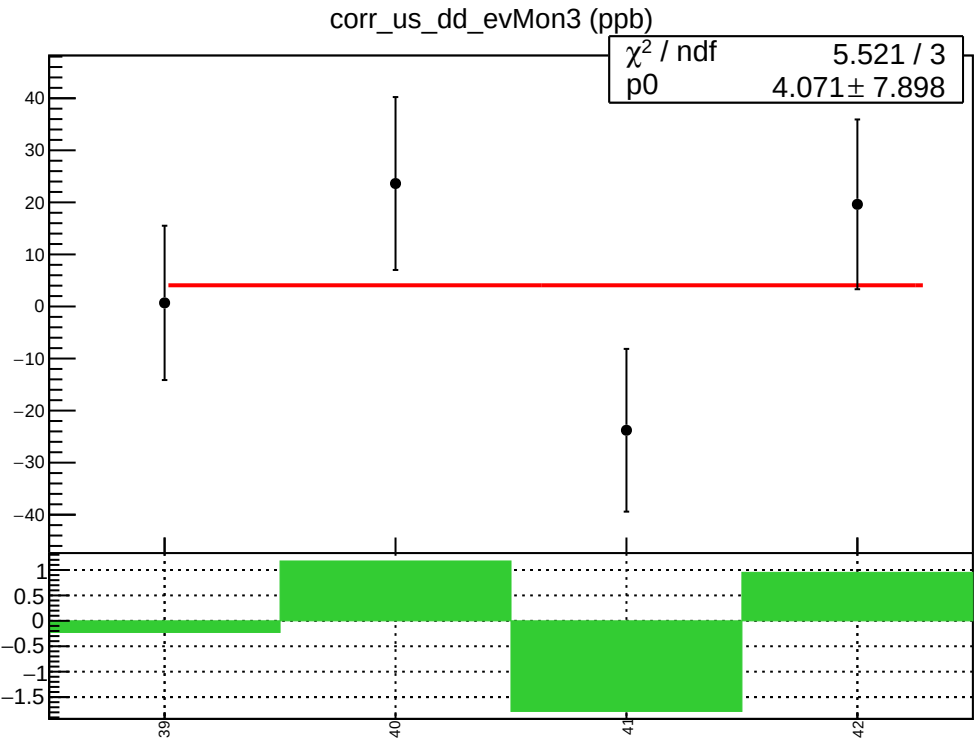

1D pull distribution
Mean 0.01271 ± 0.4174
Std Dev 0.8349 ± 0.2952
Underflow 0
Overflow 0
χ² / ndf 6.602e−05 / 1
Constant 1.005 ± 0.510
Mean 0.3 ± 39.0
Sigma 7.882 ± 6.882
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

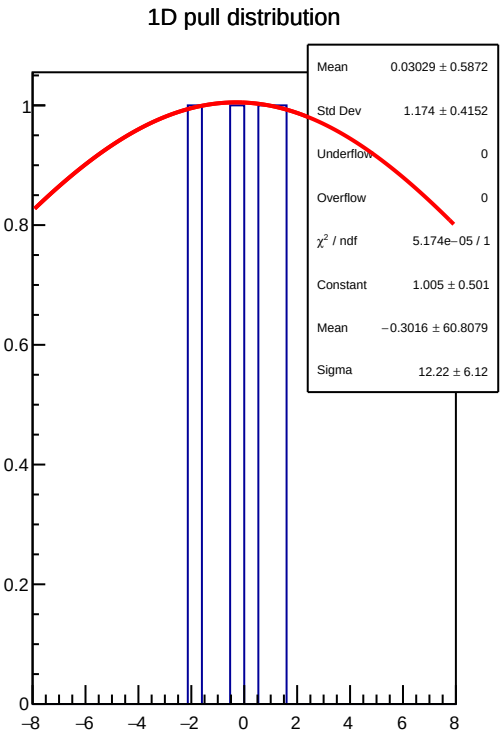

corr_us_dd_evMon1 RMS (ppm)
RMS (ppm)
54
53
52
51
50
49
48
47
46
39
40
41
42


corr_us_dd_evMon2 (ppb)
χ² / ndf 5.543 / 3
p0 4.749 ± 17.43
120
100
80
60
40
20
0
−20
−40
−60
−80
2
1.5
1
0.5
0
−0.5
−1
39
40
41
42

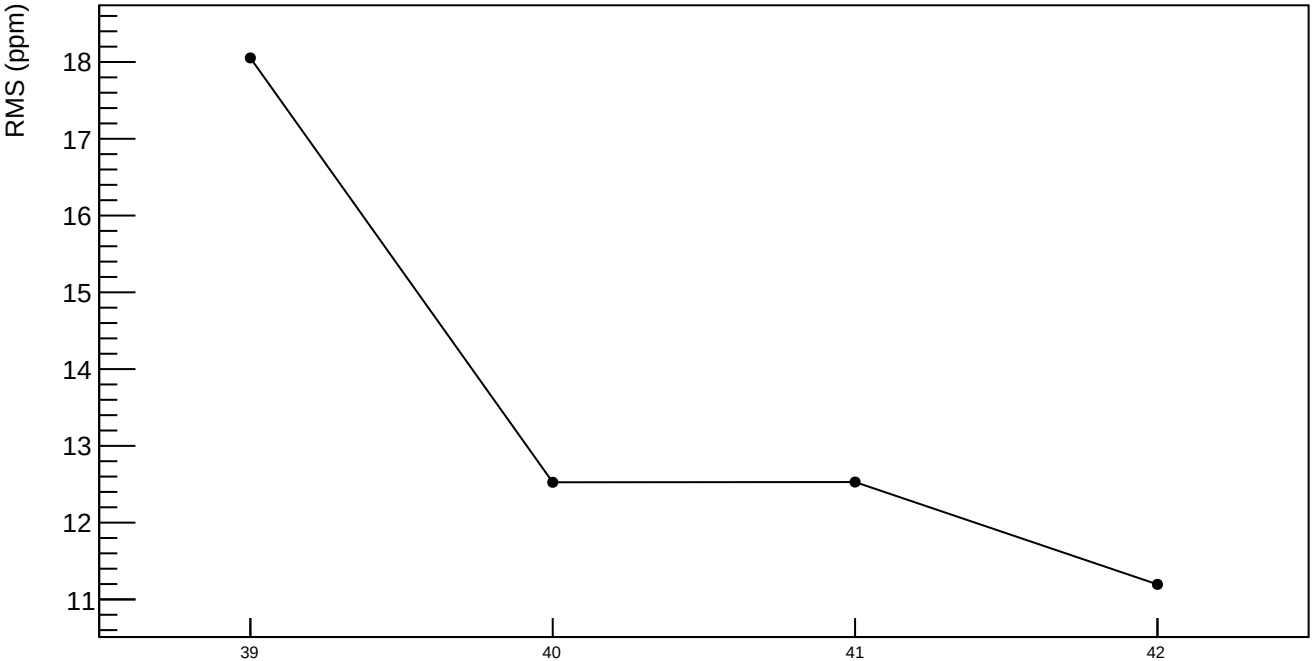

1D pull distribution
Mean 0.03178 ± 0.5884
Std Dev 1.177 ± 0.416
Underflow 0
Overflow 0
χ² / ndf 5.142e−05 / 1
Constant 1.005 ± 0.513
Mean 0.3018 ± 60.8740
Sigma 12.22 ± 6.33
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

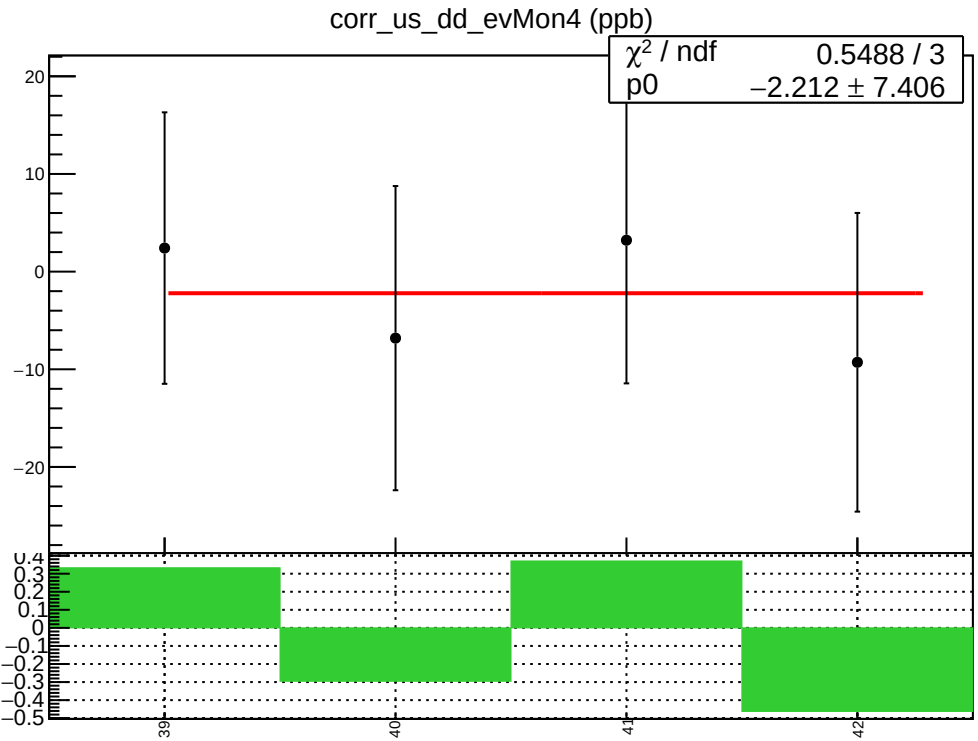

corr_us_dd_evMon2 RMS (ppm)
RMS (ppm)
34
32
30
28
26
39
40
41
42

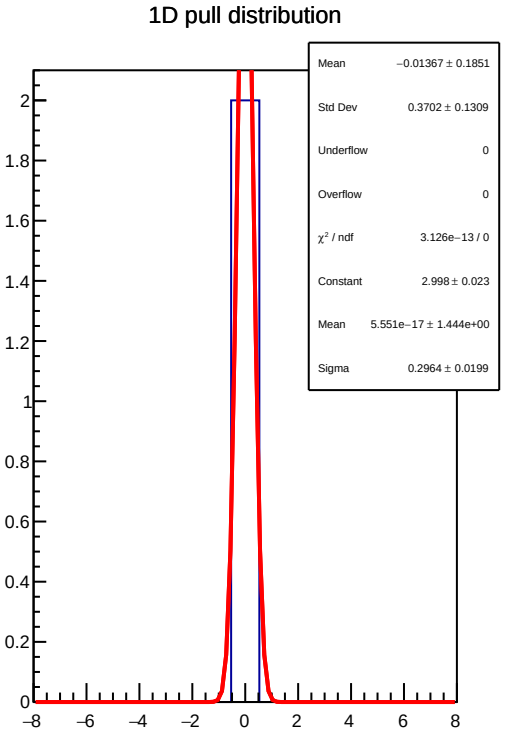

corr_us_dd_evMon3 (ppb)
χ² / ndf 5.521 / 3
p0 4.071 ± 7.898
39
40
41
42


1D pull distribution
Mean 0.03029 ± 0.5872
Std Dev 1.174 ± 0.4152
Underflow 0
Overflow 0
χ² / ndf 5.174e−05 / 1
Constant 1.005 ± 0.501
Mean −0.3016 ± 60.8079
Sigma 12.22 ± 6.12

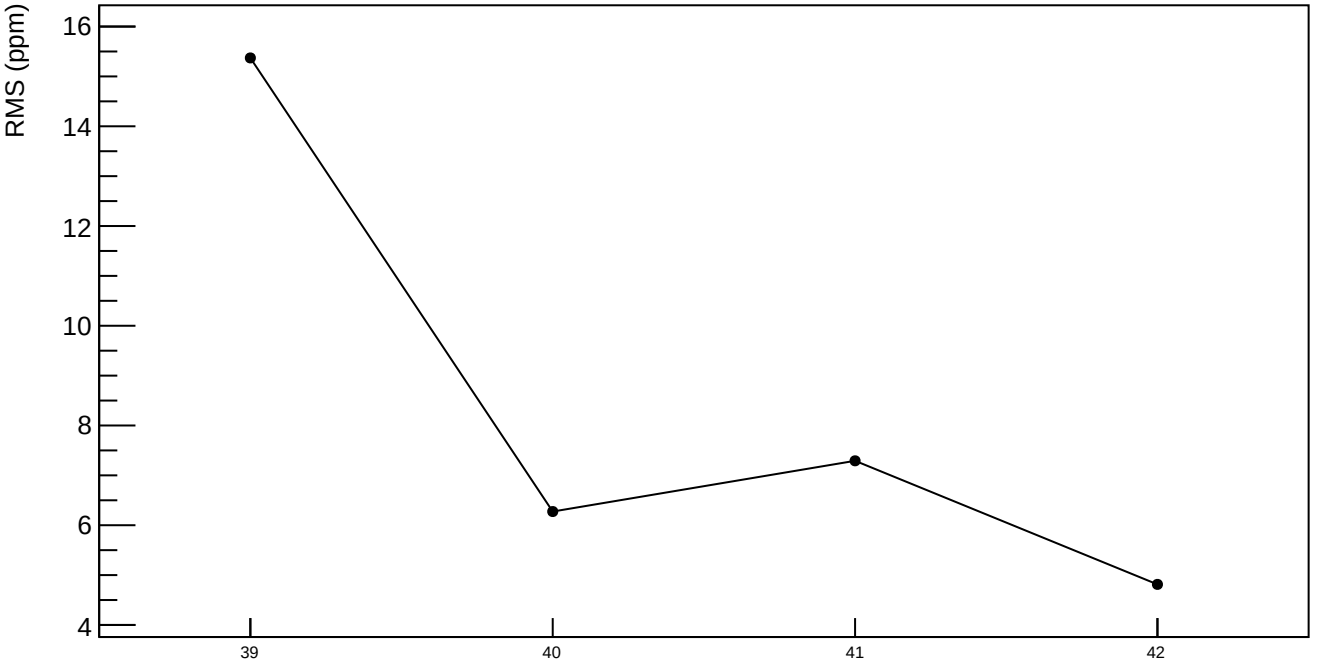
corr_us_dd_evMon3 RMS (ppm)

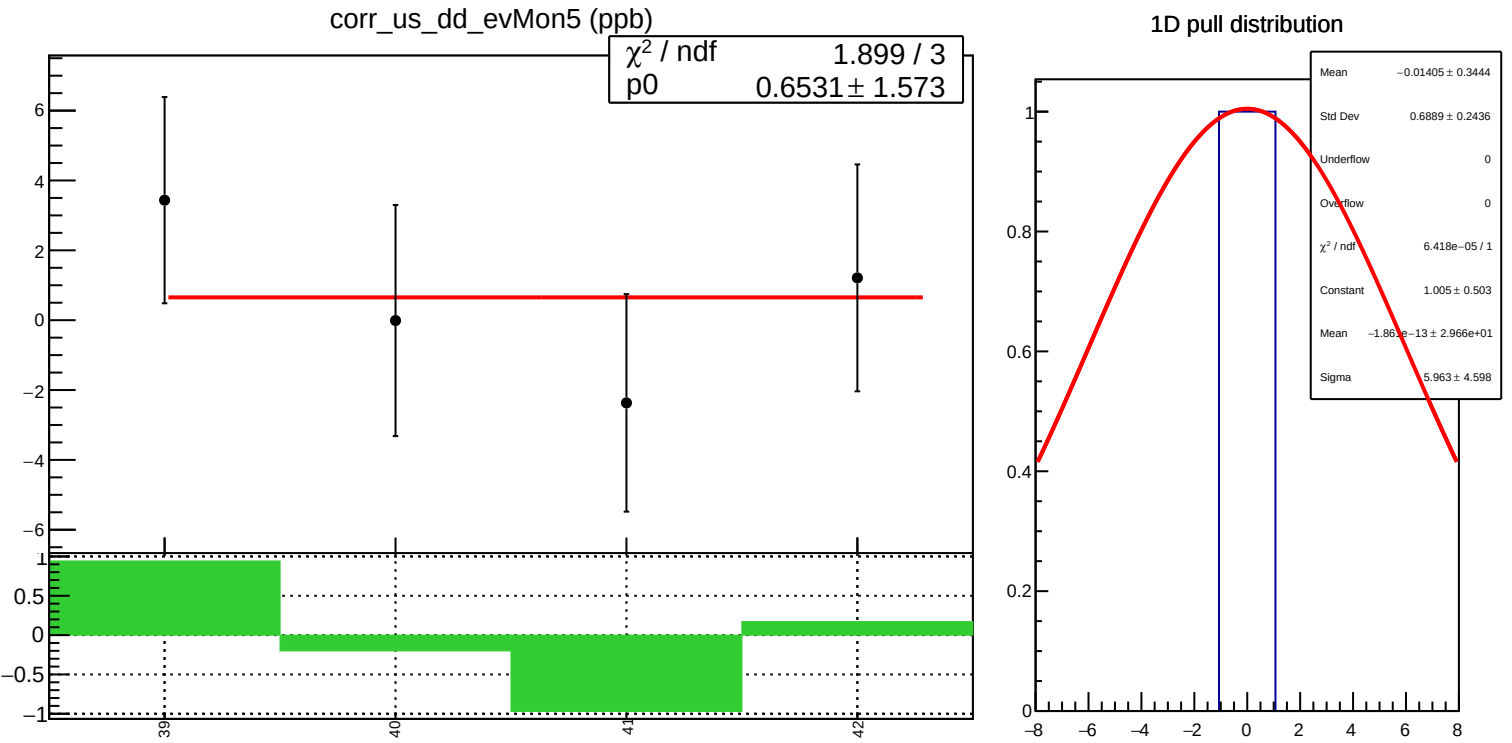


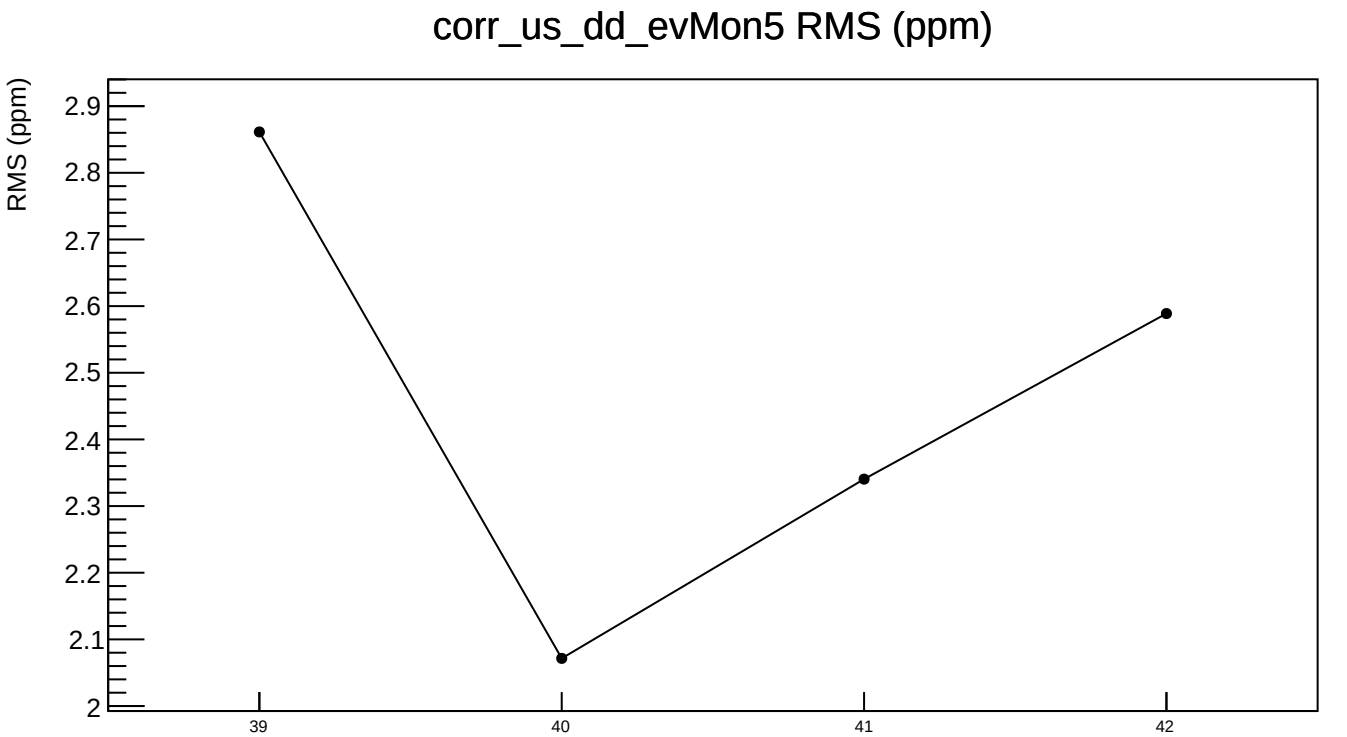

corr_us_dd_evMon4 (ppb)
χ² / ndf 0.5488 / 3
p0 −2.212 ± 7.406
20
10
0
−10
−20
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
39
40
41
42

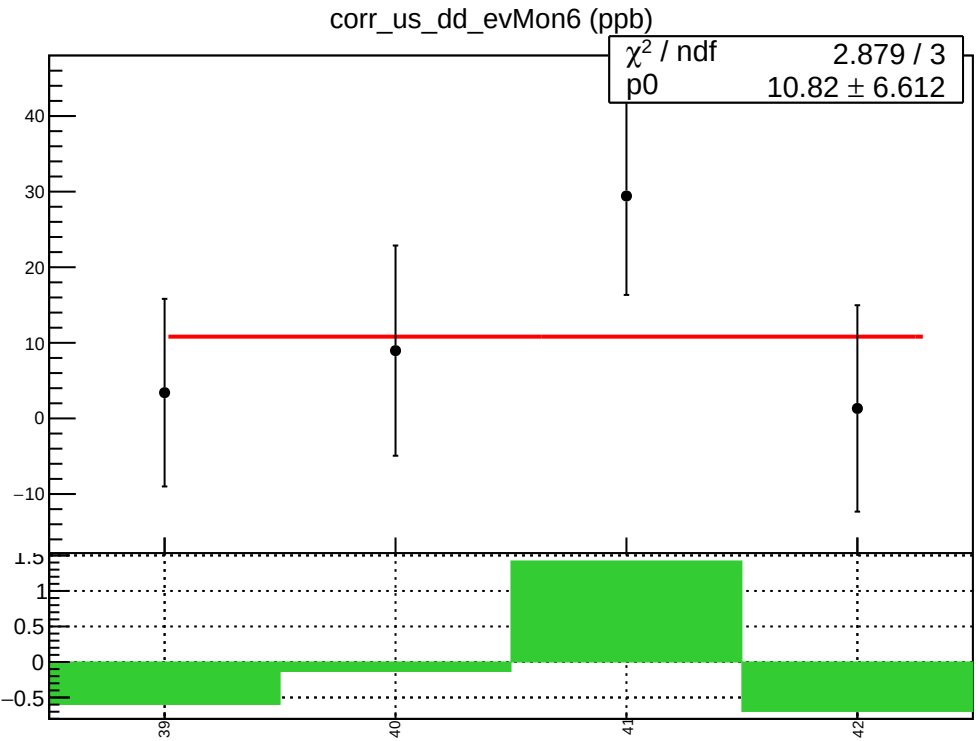

1D pull distribution
Mean −0.01367 ± 0.1851
Std Dev 0.3702 ± 0.1309
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

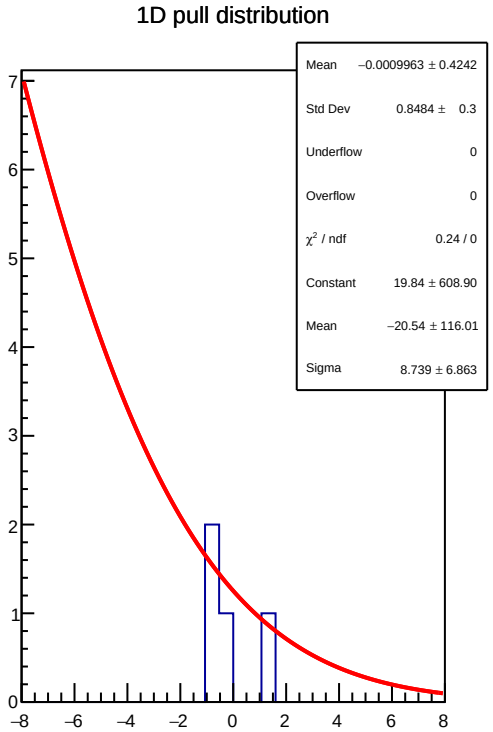
corr_us_dd_evMon4 RMS (ppm)



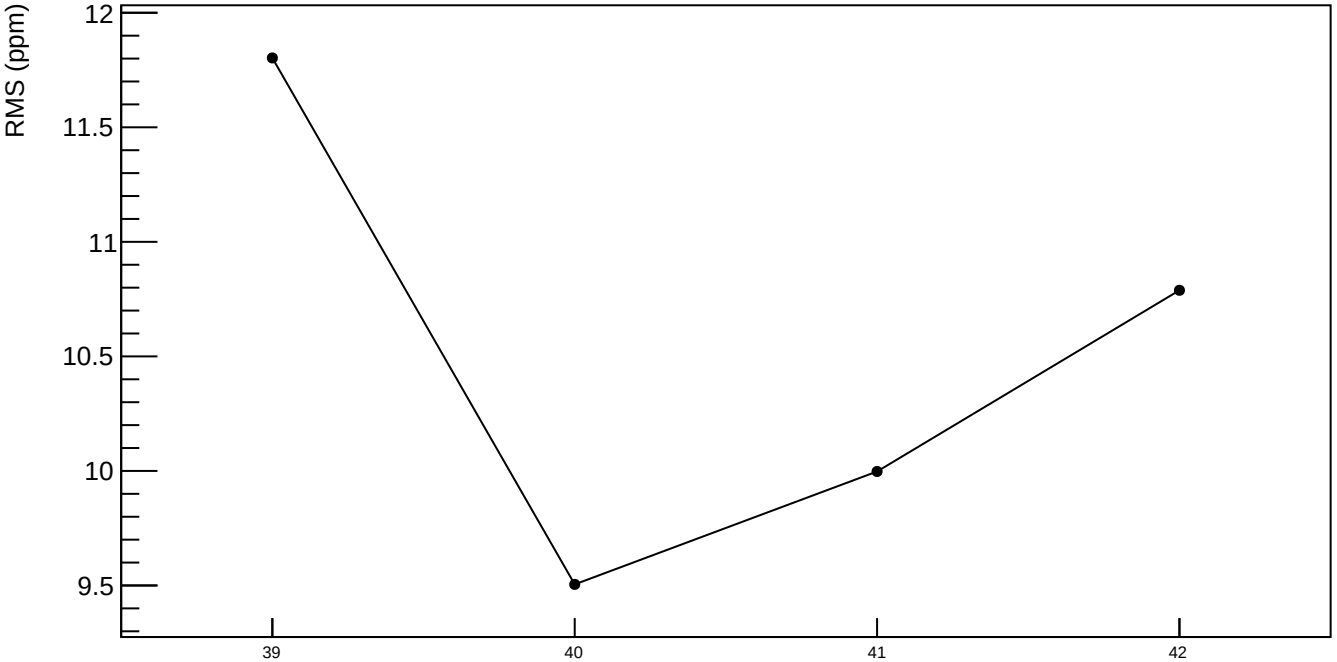

corr_us_dd_evMon5 (ppb)
χ² / ndf 1.899 / 3
p0 0.6531 ± 1.573
1D pull distribution
Mean −0.01405 ± 0.3444
Std Dev 0.6889 ± 0.2436
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598

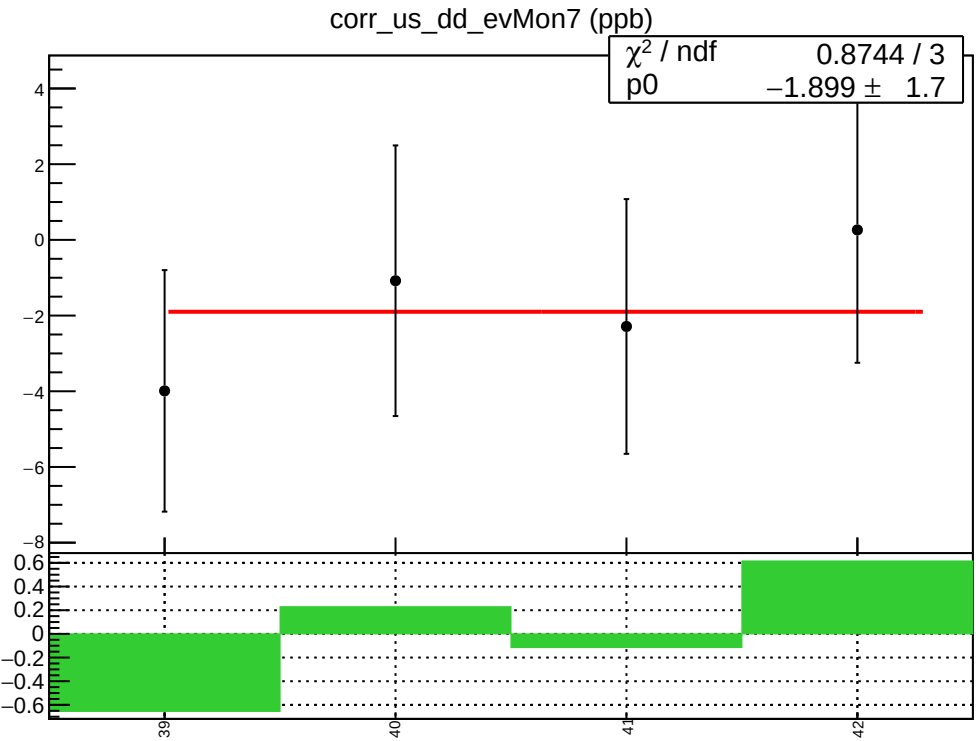

corr_us_dd_evMon5 RMS (ppm)
RMS (ppm)
2.9
2.8
2.7
2.6
2.5
2.4
2.3
2.2
2.1
2
39
40
41
42

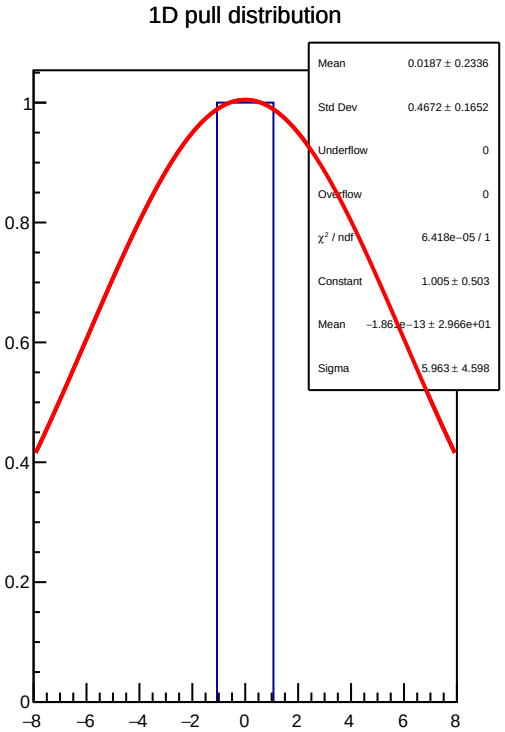

corr_us_dd_evMon6 (ppb)
χ^2 / ndf 2.879 / 3
p0 10.82 ± 6.612
40
30
20
10
0
−10
1.5
1
0.5
0
−0.5
39
40
41
42

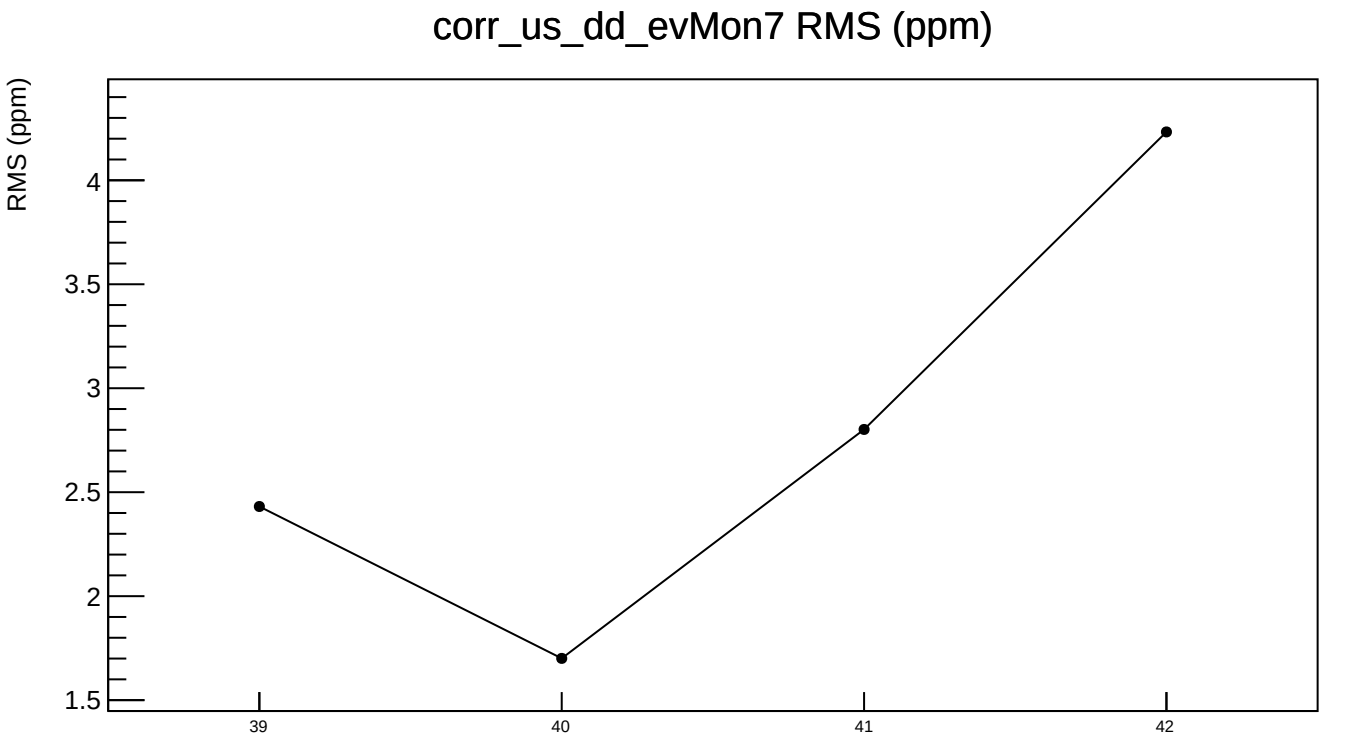

1D pull distribution
Mean −0.0009963 ± 0.4242
Std Dev 0.8484 ± 0.3
Underflow 0
Overflow 0
χ^2 / ndf 0.24 / 0
Constant 19.84 ± 608.90
Mean −20.54 ± 116.01
Sigma 8.739 ± 6.863
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

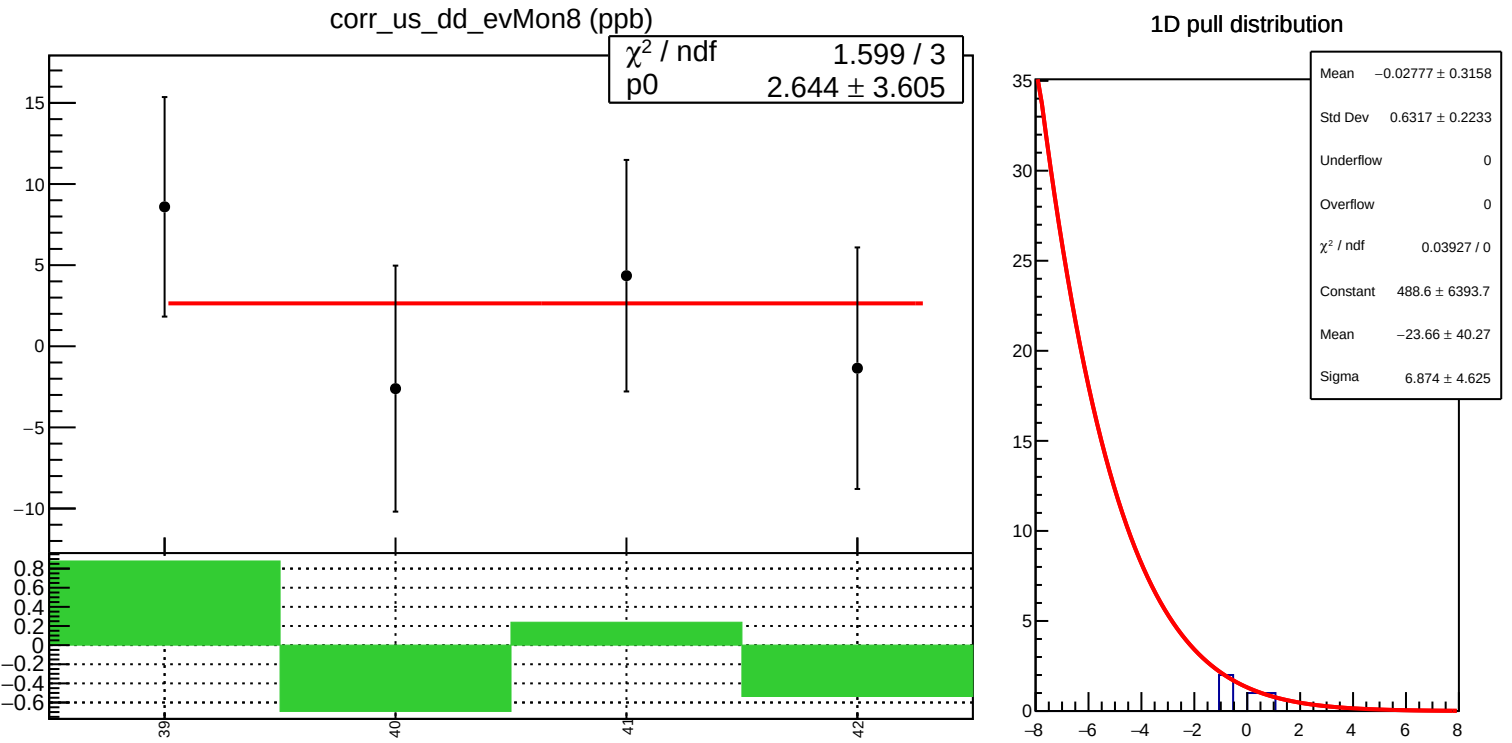
corr_us_dd_evMon6 RMS (ppm)



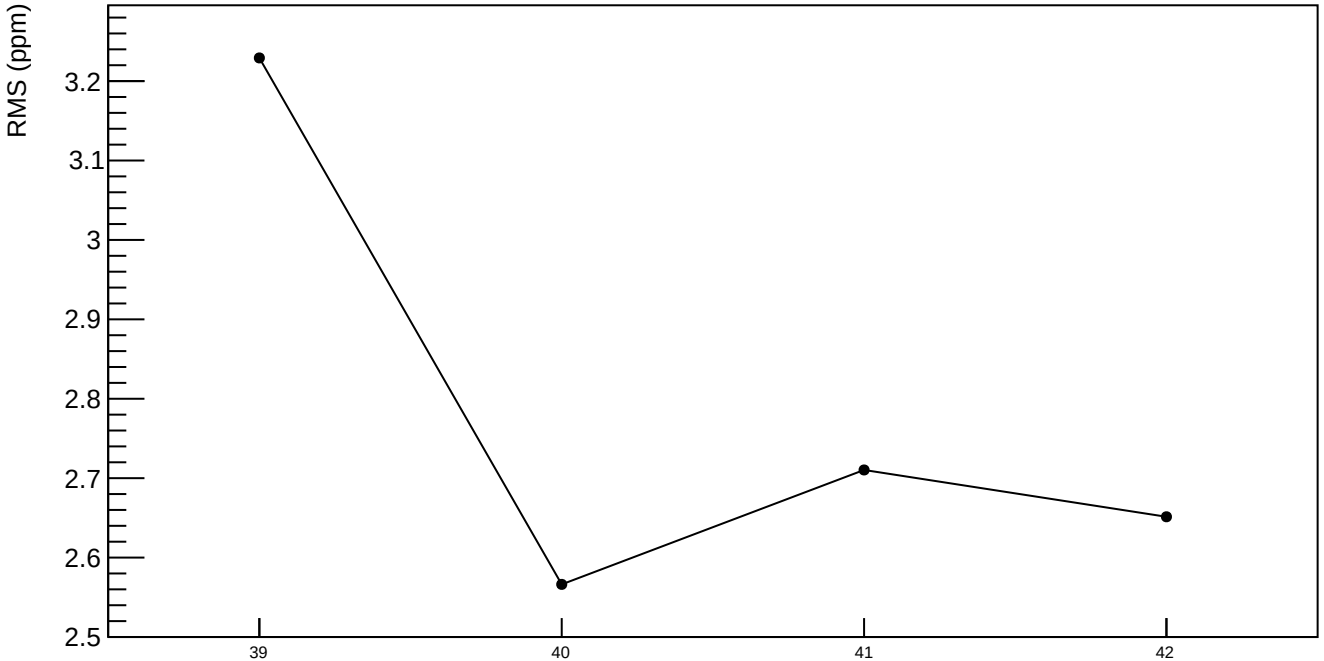

corr_us_dd_evMon7 (ppb)
χ² / ndf 0.8744 / 3
p0 −1.899 ± 1.7
4
2
0
−2
−4
−6
−8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

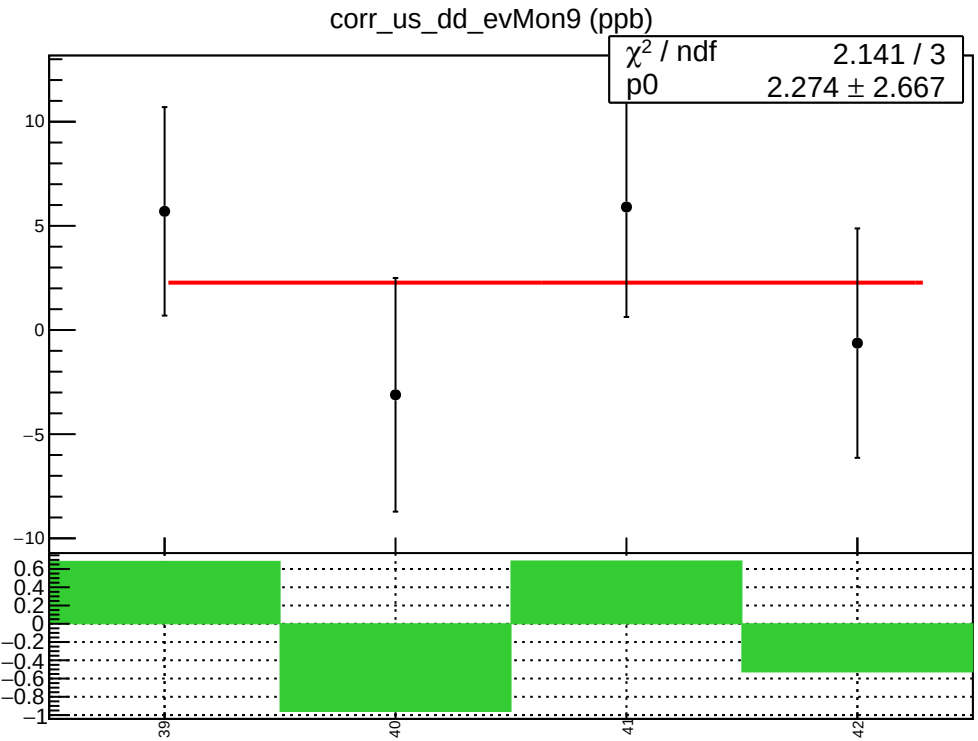

1D pull distribution
Mean 0.0187 ± 0.2336
Std Dev 0.4672 ± 0.1652
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

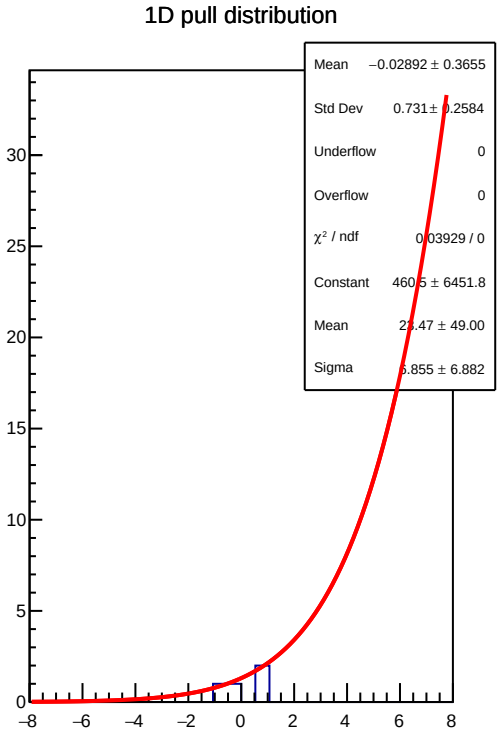

corr_us_dd_evMon7 RMS (ppm)
RMS (ppm)
4
3.5
3
2.5
2
1.5
39
40
41
42

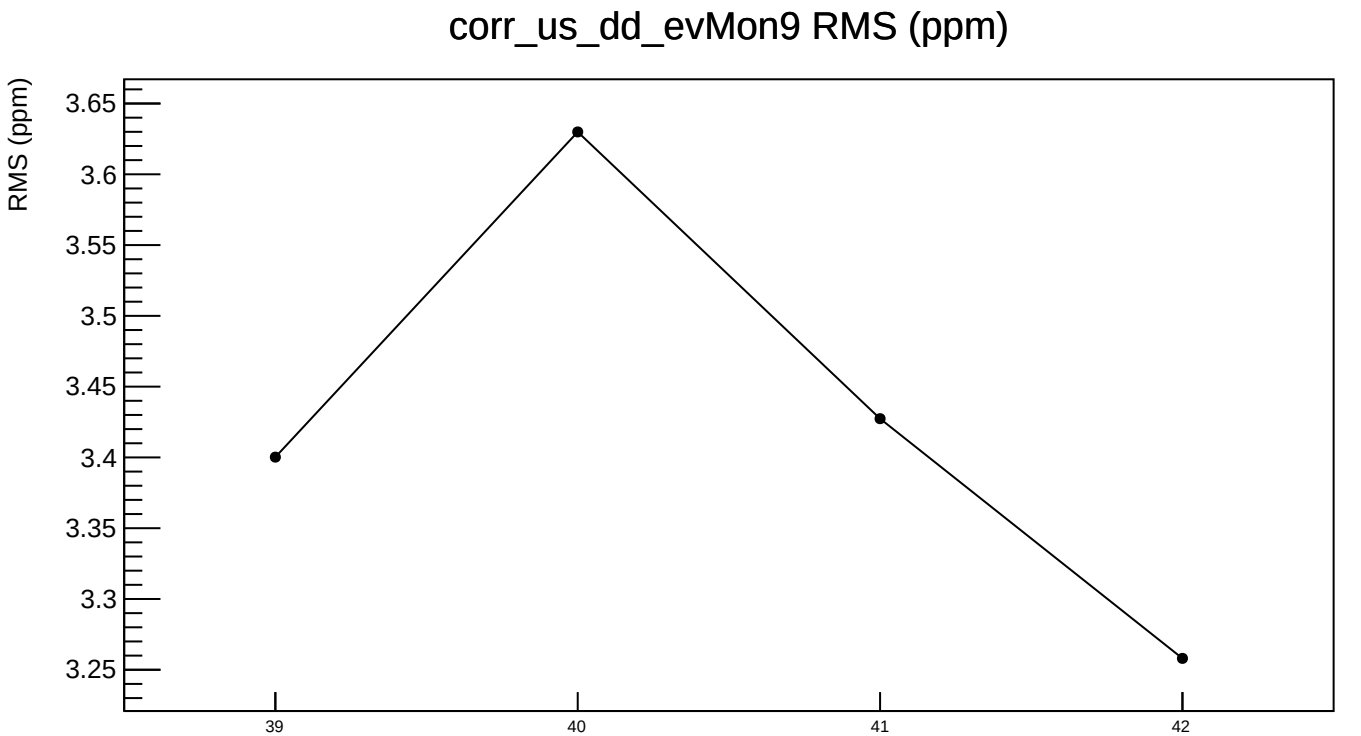

corr_us_dd_evMon8 (ppb)
χ² / ndf 1.599 / 3
p0 2.644 ± 3.605
1D pull distribution
Mean −0.02777 ± 0.3158
Std Dev 0.6317 ± 0.2233
Underflow 0
Overflow 0
χ² / ndf 0.03927 / 0
Constant 488.6 ± 6393.7
Mean −23.66 ± 40.27
Sigma 6.874 ± 4.625

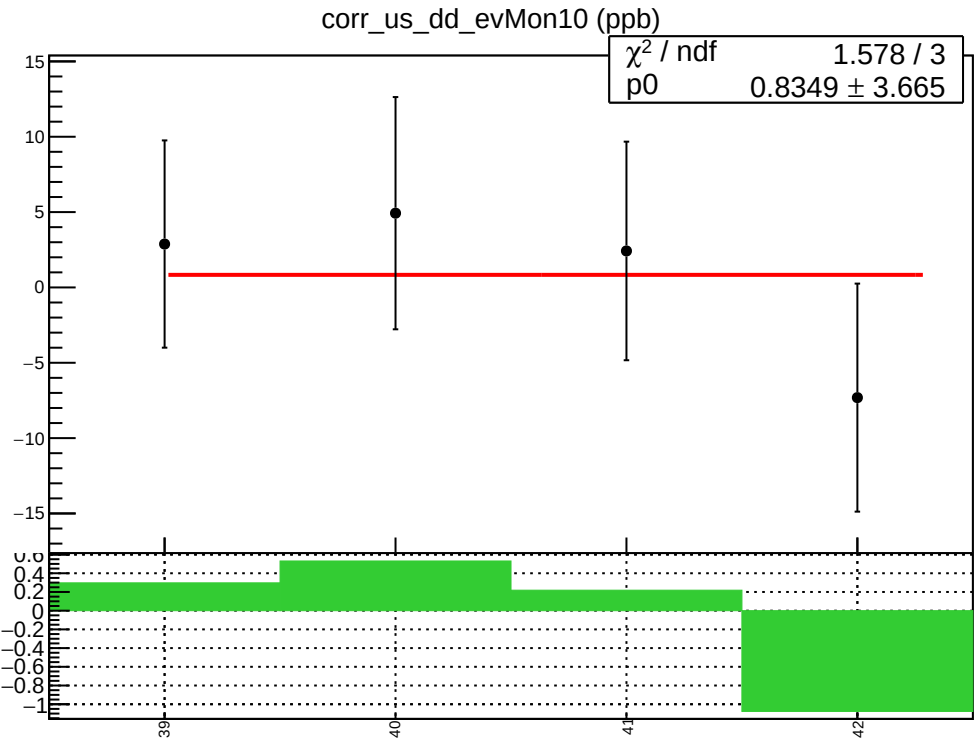
corr_us_dd_evMon8 RMS (ppm)

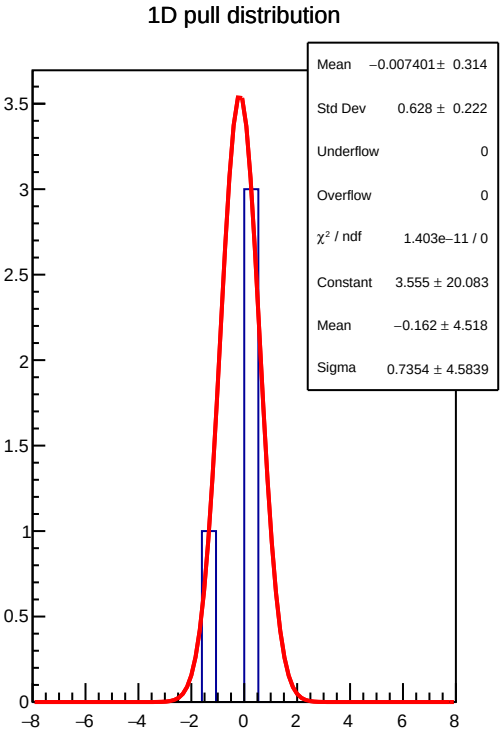



corr_us_dd_evMon9 (ppb)
χ² / ndf 2.141 / 3
p0 2.274 ± 2.667
10
5
0
−5
−10
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
39
40
41
42

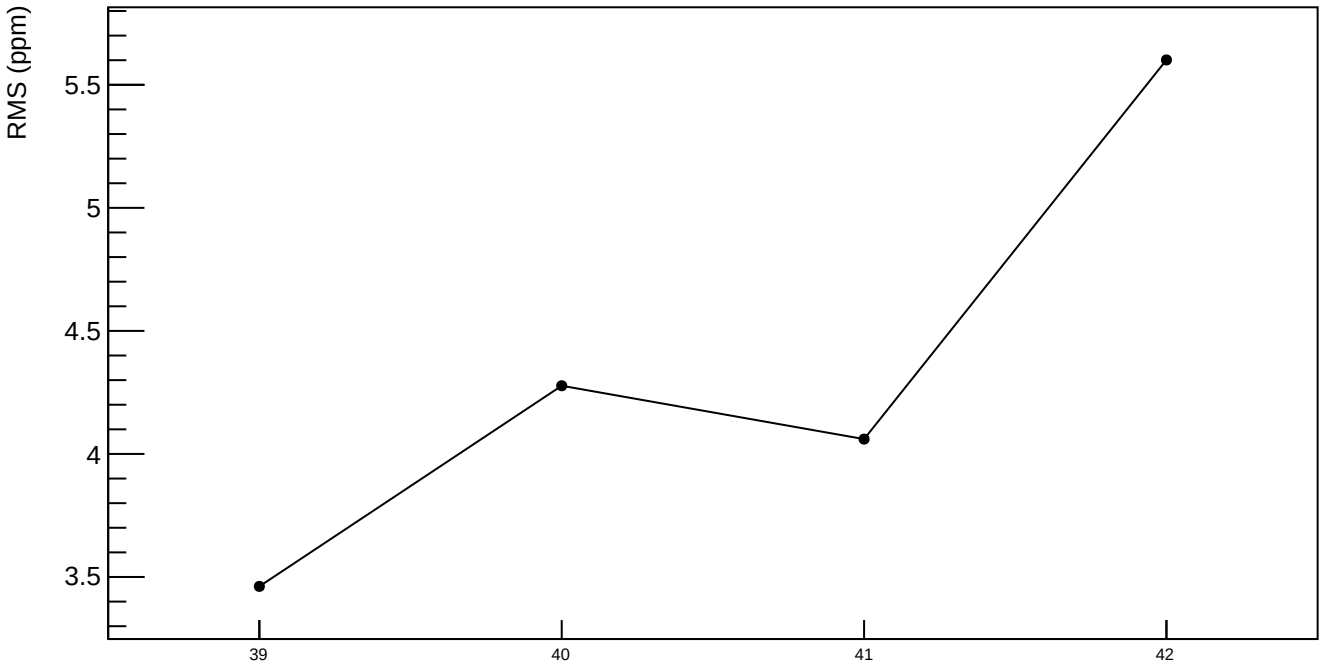

1D pull distribution
Mean −0.02892 ± 0.3655
Std Dev 0.731 ± 0.2584
Underflow 0
Overflow 0
χ² / ndf 0.03929 / 0
Constant 460.5 ± 6451.8
Mean 23.47 ± 49.00
Sigma 5.855 ± 6.882
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

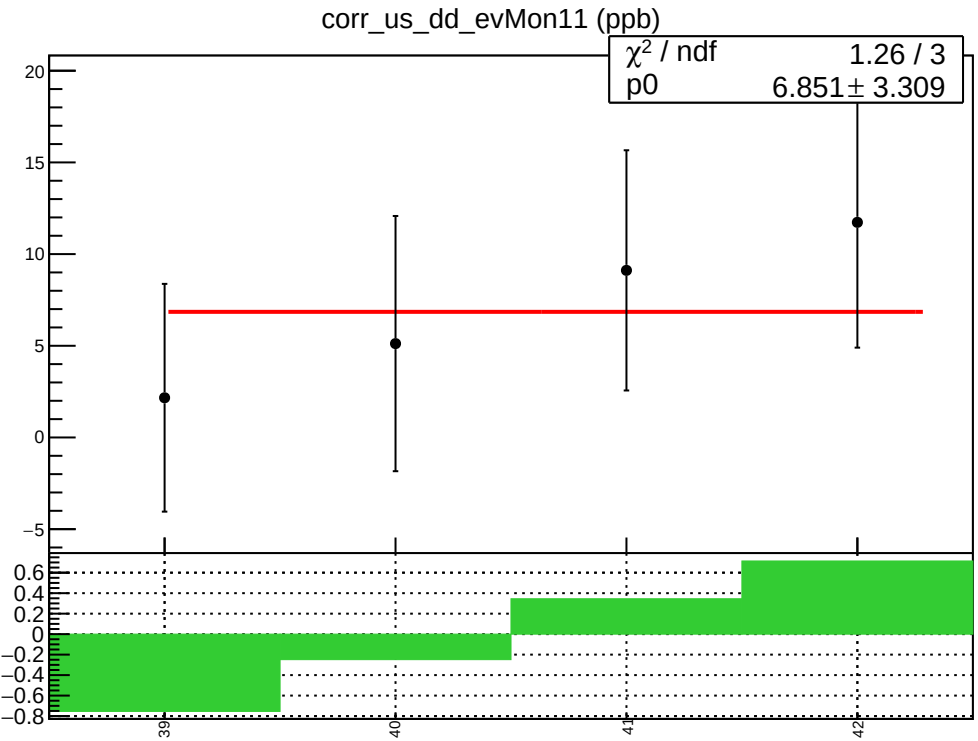

corr_us_dd_evMon9 RMS (ppm)
RMS (ppm)
3.65
3.6
3.55
3.5
3.45
3.4
3.35
3.3
3.25
39
40
41
42

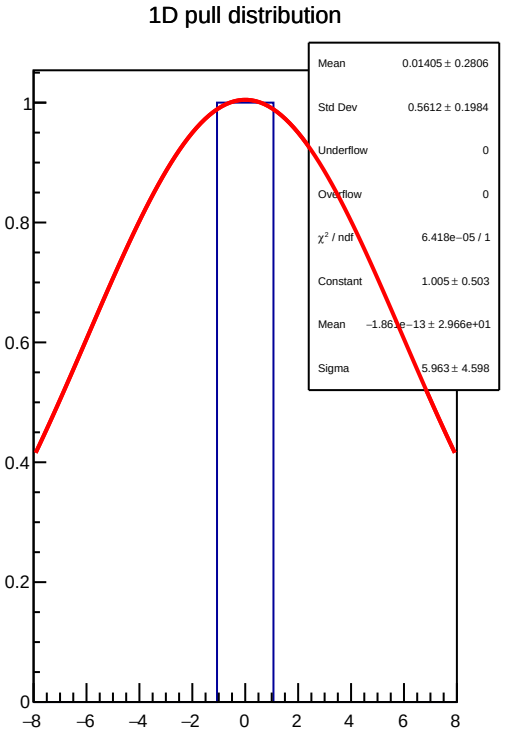

corr_us_dd_evMon10 (ppb)
χ² / ndf 1.578 / 3
p0 0.8349 ± 3.665
15
10
5
0
−5
−10
−15
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
39
40
41
42

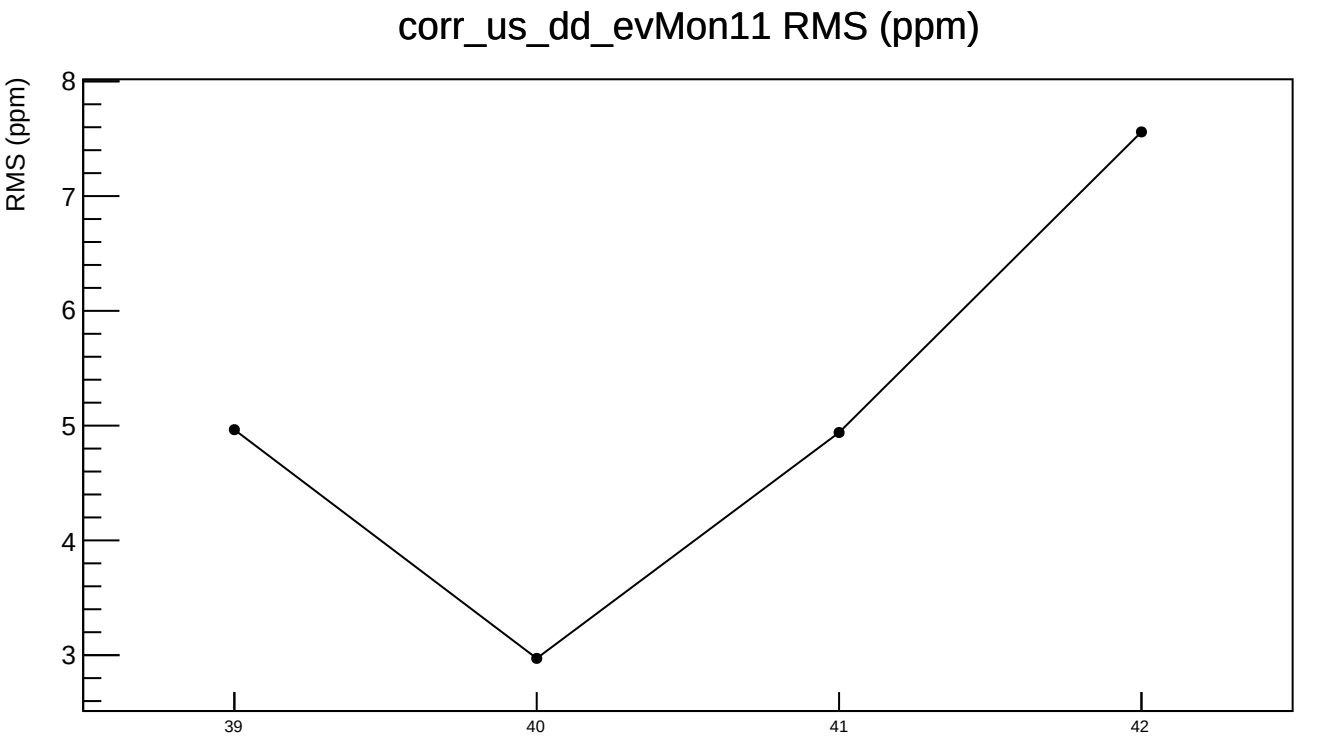

1D pull distribution
Mean −0.007401 ± 0.314
Std Dev 0.628 ± 0.222
Underflow 0
Overflow 0
χ² / ndf 1.403e−11 / 0
Constant 3.555 ± 20.083
Mean −0.162 ± 4.518
Sigma 0.7354 ± 4.5839
3.5
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

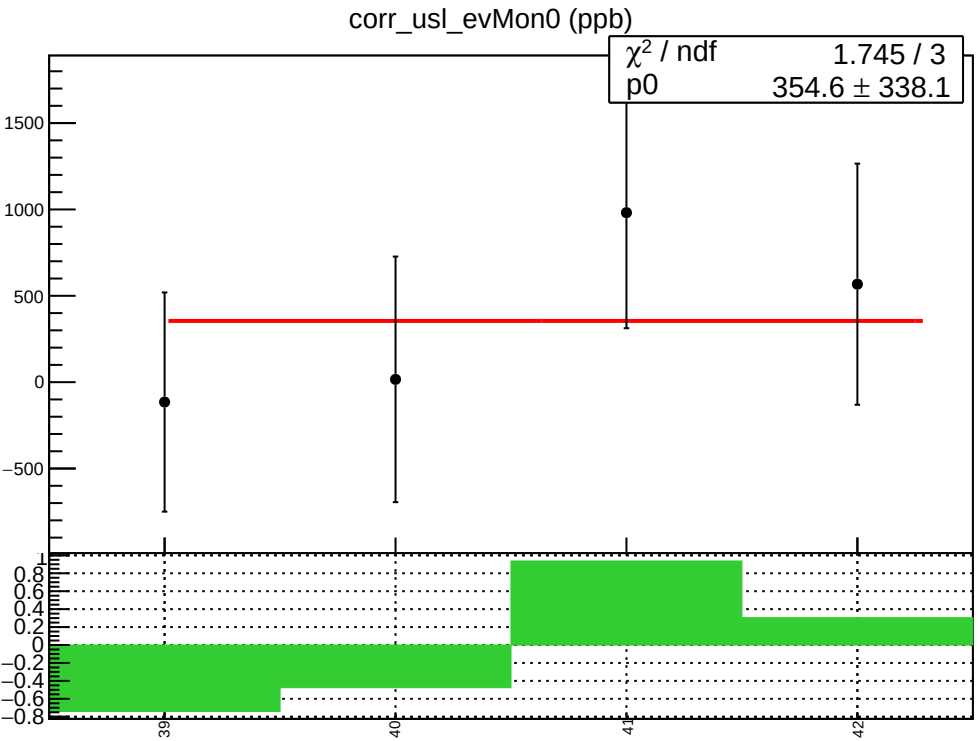
corr_us_dd_evMon10 RMS (ppm)

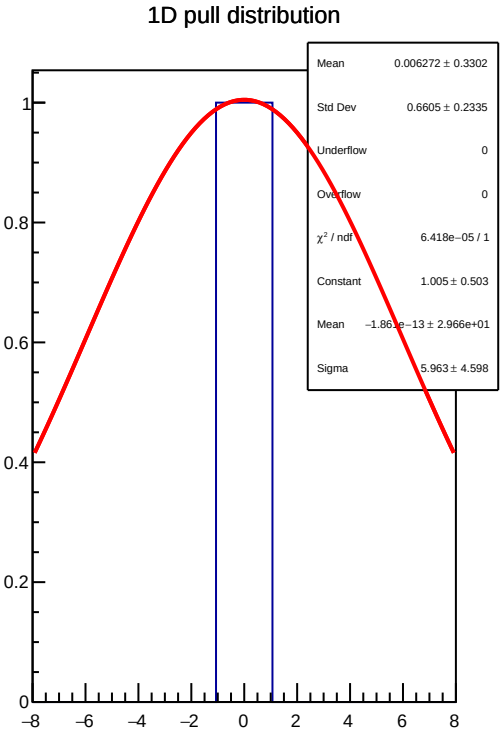



corr_us_dd_evMon11 (ppb)
χ² / ndf 1.26 / 3
p0 6.851 ± 3.309
20
15
10
5
0
−5
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

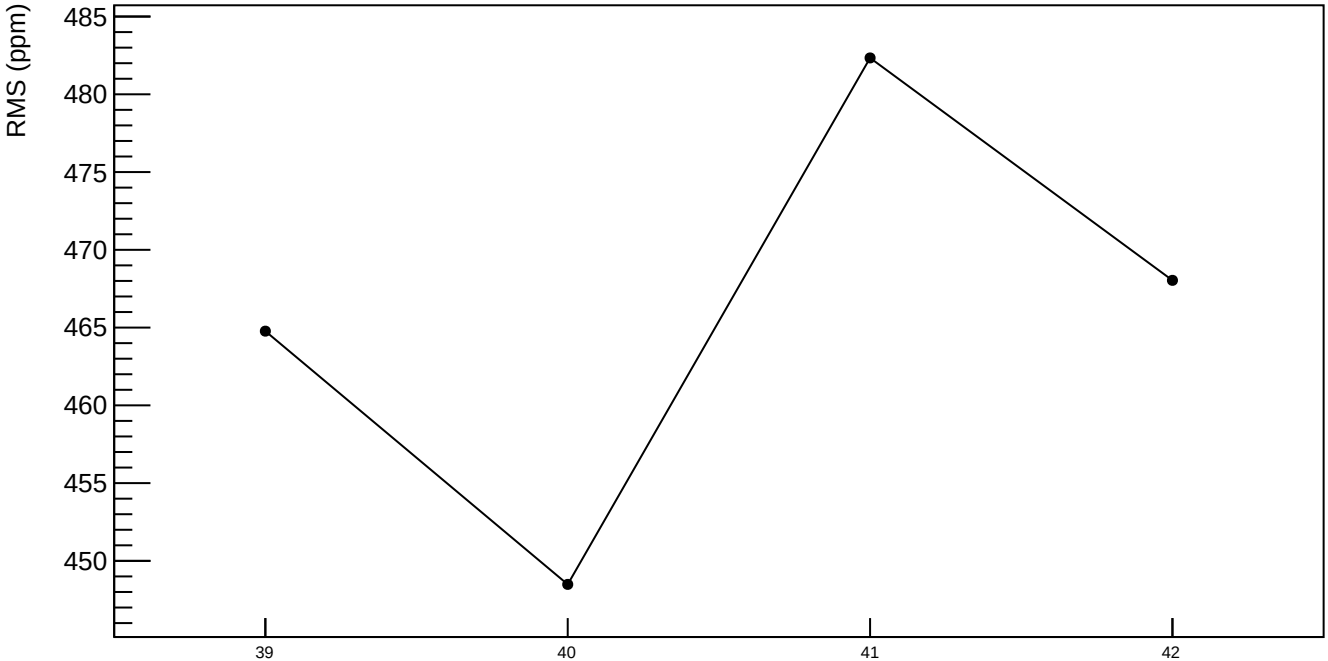

1D pull distribution
Mean 0.01405 ± 0.2806
Std Dev 0.5612 ± 0.1984
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

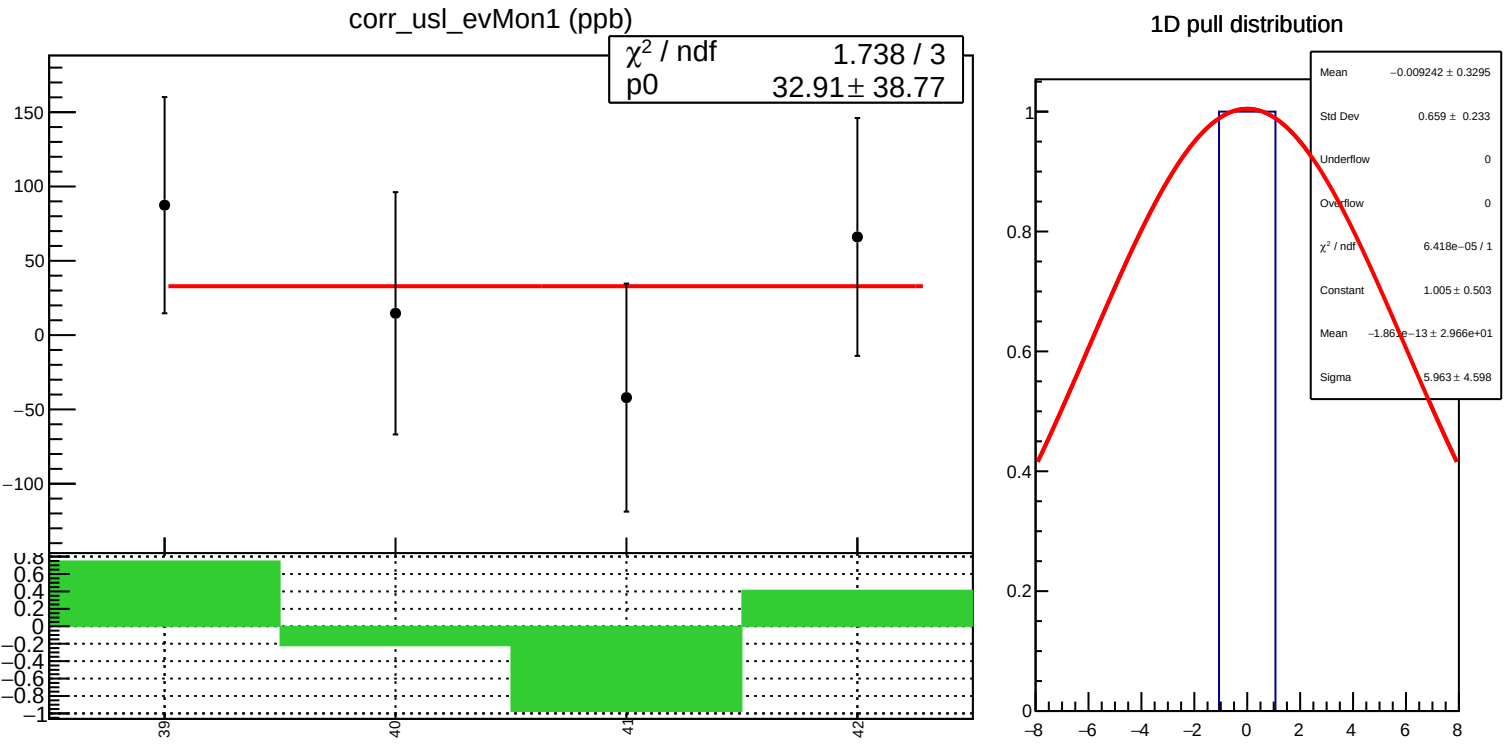

corr_us_dd_evMon11 RMS (ppm)
RMS (ppm)
8
7
6
5
4
3
39
40
41
42

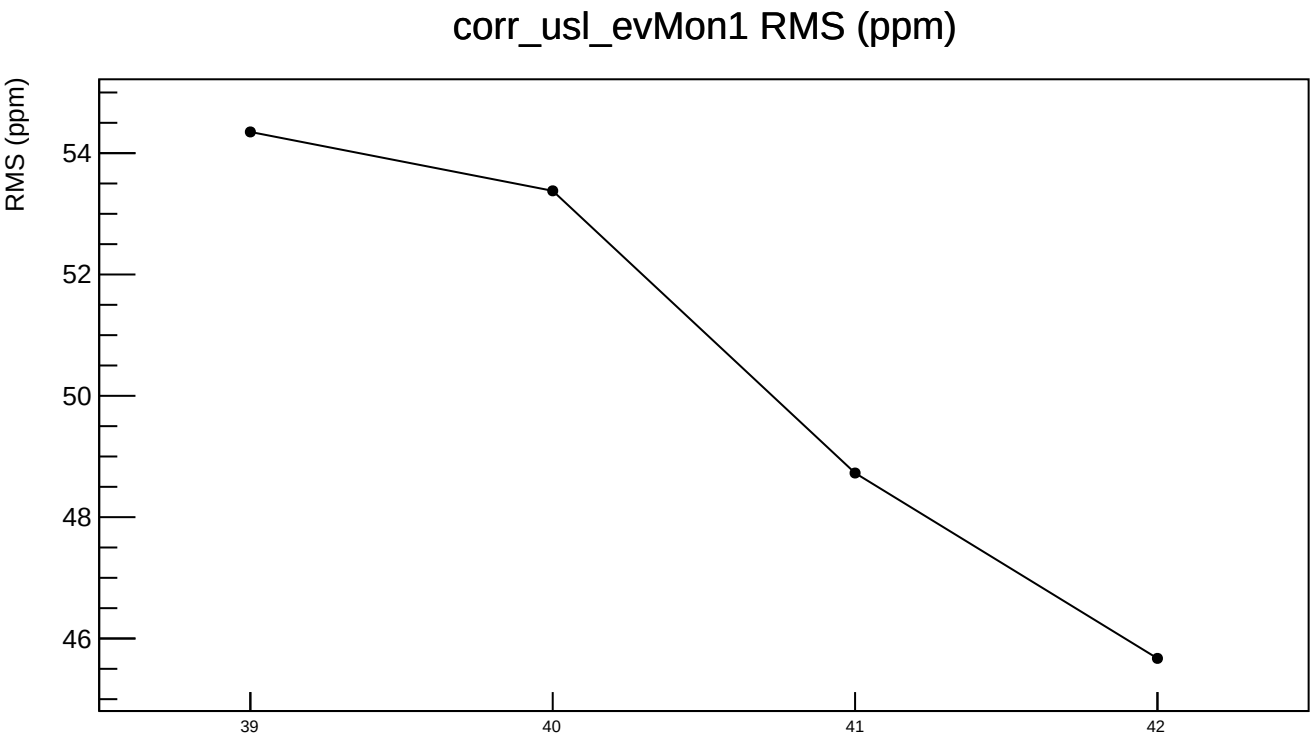

corr_usl_evMon0 (ppb)
χ² / ndf 1.745 / 3
p0 354.6 ± 338.1
1500
1000
500
0
−500
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

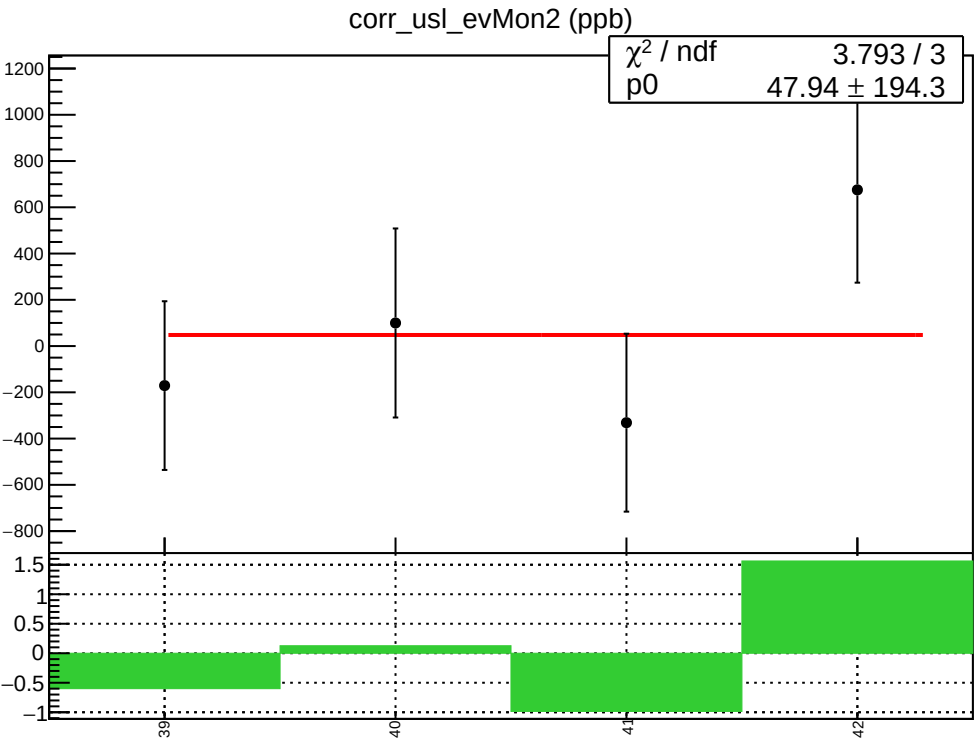

1D pull distribution
Mean 0.006272 ± 0.3302
Std Dev 0.6605 ± 0.2335
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

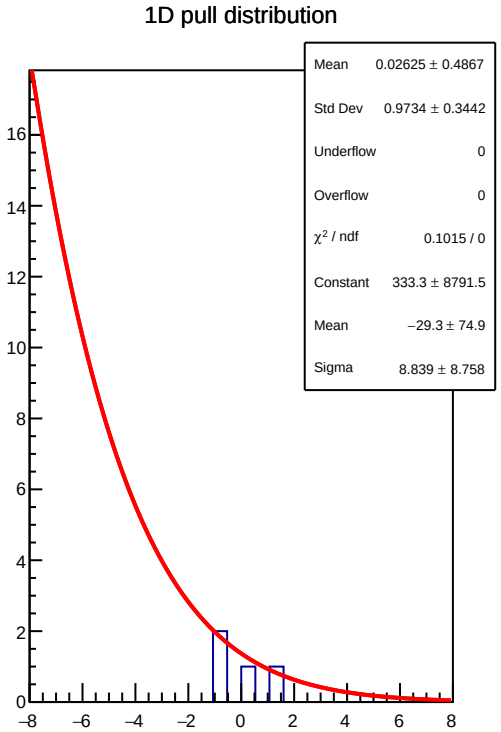
corr_usl_evMon0 RMS (ppm)



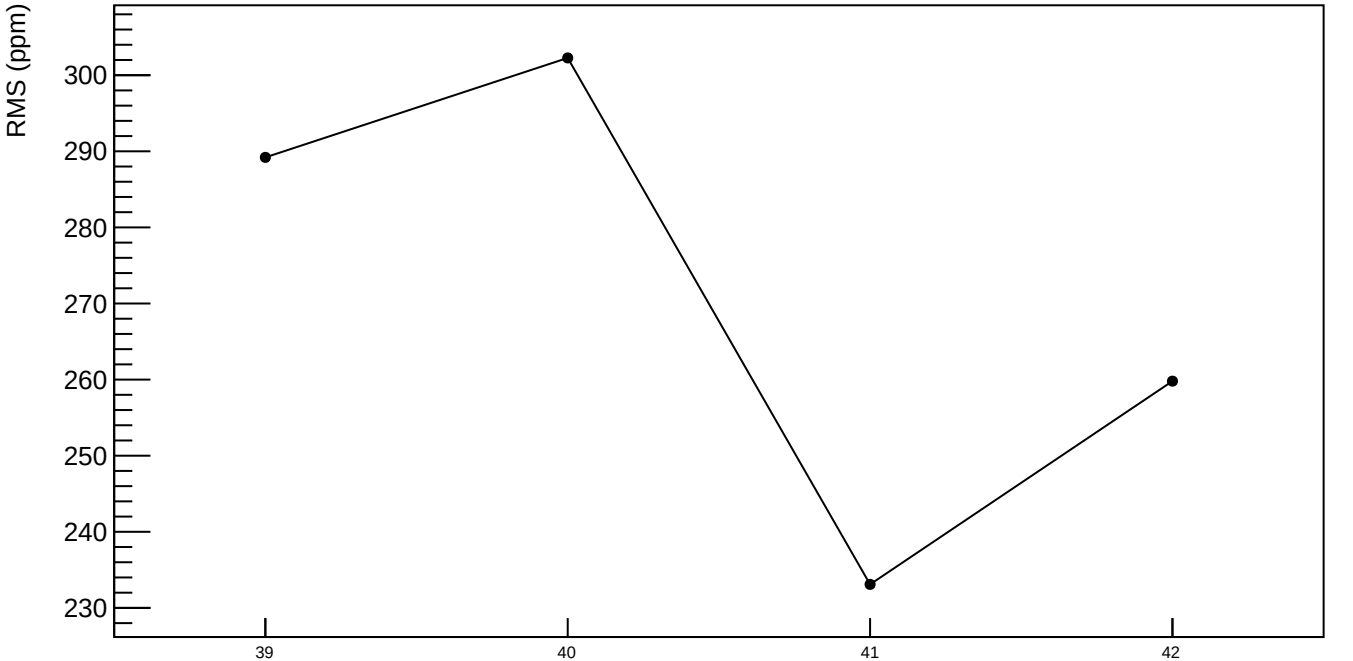

corr_usl_evMon1 (ppb)
χ² / ndf 1.738 / 3
p0 32.91 ± 38.77
1D pull distribution
Mean −0.009242 ± 0.3295
Std Dev 0.659 ± 0.233
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598

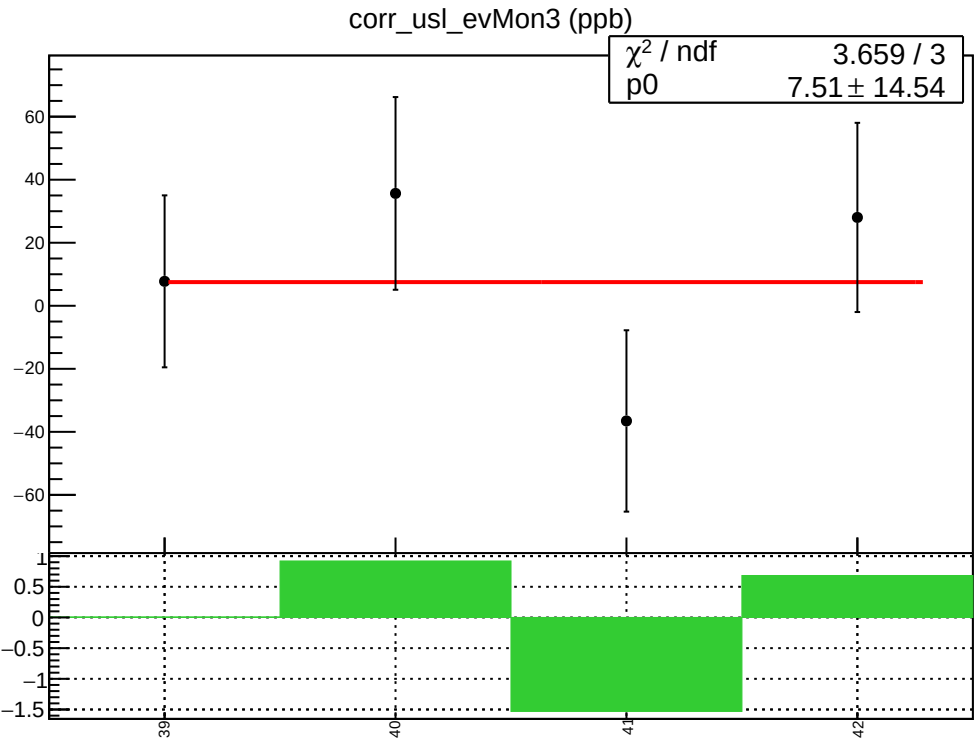

corr_usl_evMon1 RMS (ppm)
RMS (ppm)
54
52
50
48
46
39
40
41
42

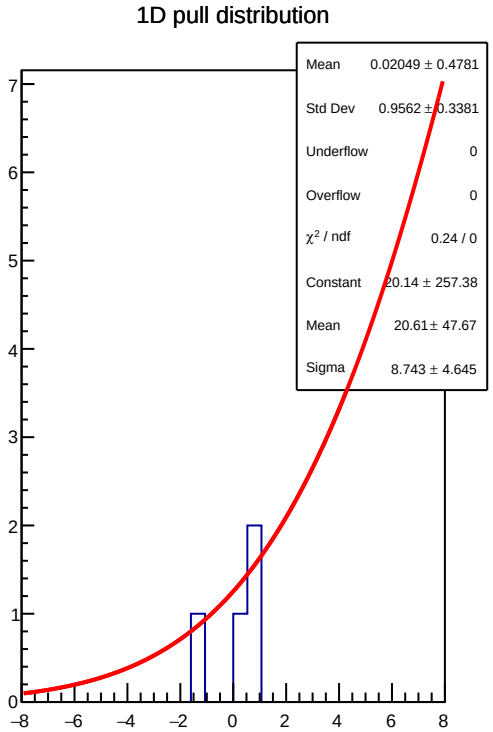

corr_usl_evMon2 (ppb)
χ² / ndf 3.793 / 3
p0 47.94 ± 194.3
1200
1000
800
600
400
200
0
−200
−400
−600
−800
1.5
1
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean 0.02625 ± 0.4867
Std Dev 0.9734 ± 0.3442
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

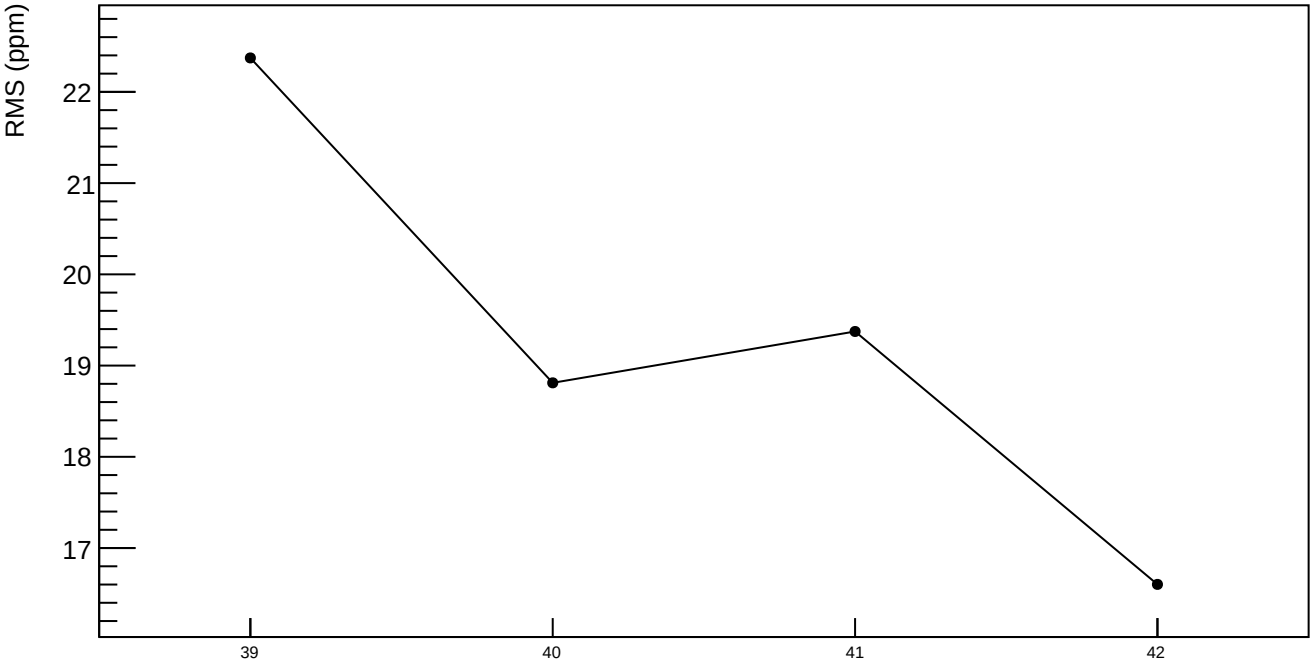
corr_usl_evMon2 RMS (ppm)

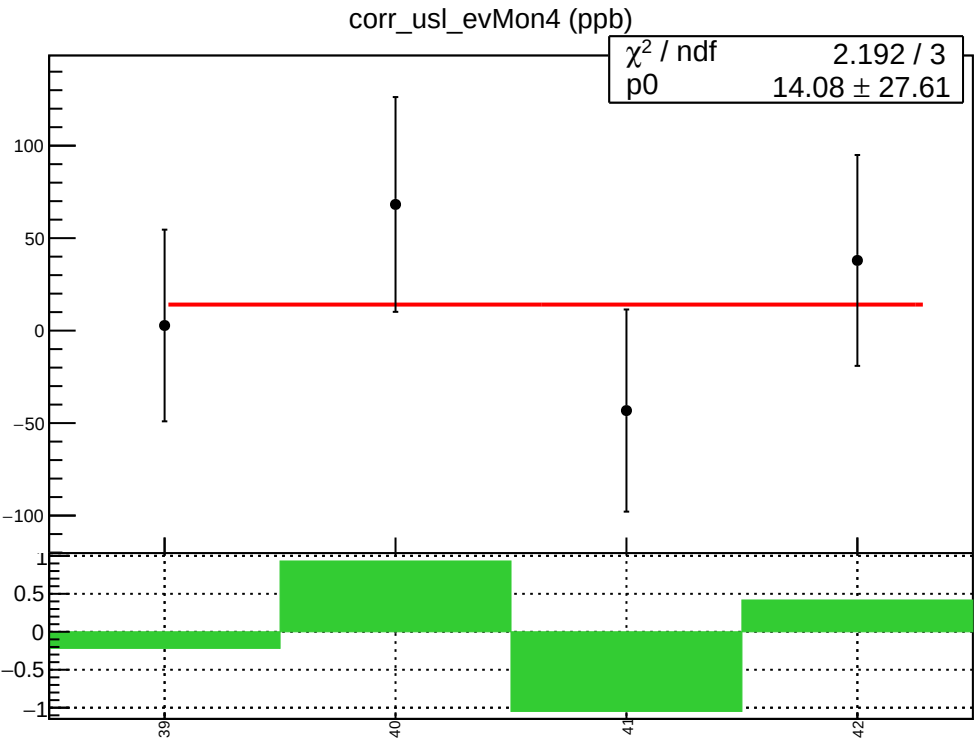


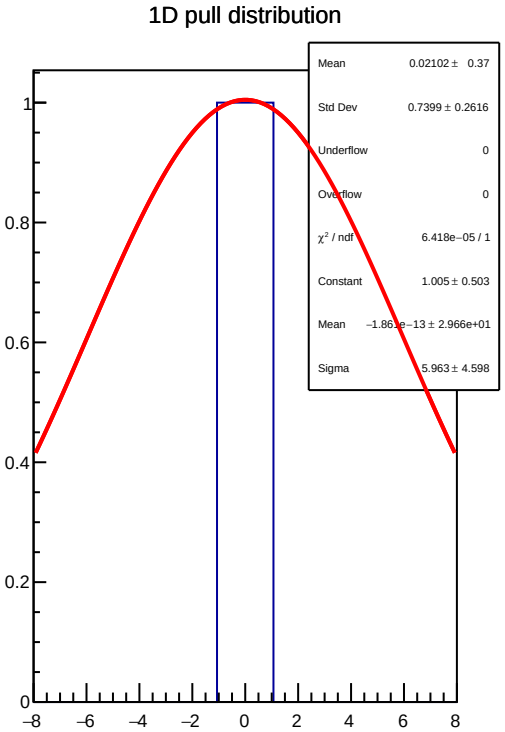

corr_usl_evMon3 (ppb)
χ² / ndf 3.659 / 3
p0 7.51 ± 14.54
60
40
20
0
−20
−40
−60
1
0.5
0
−0.5
−1
−1.5
39
40
41
42


1D pull distribution
Mean 0.02049 ± 0.4781
Std Dev 0.9562 ± 0.3381
Underflow 0
Overflow 0
χ² / ndf 0.24 / 0
Constant 20.14 ± 257.38
Mean 20.61 ± 47.67
Sigma 8.743 ± 4.645
7
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

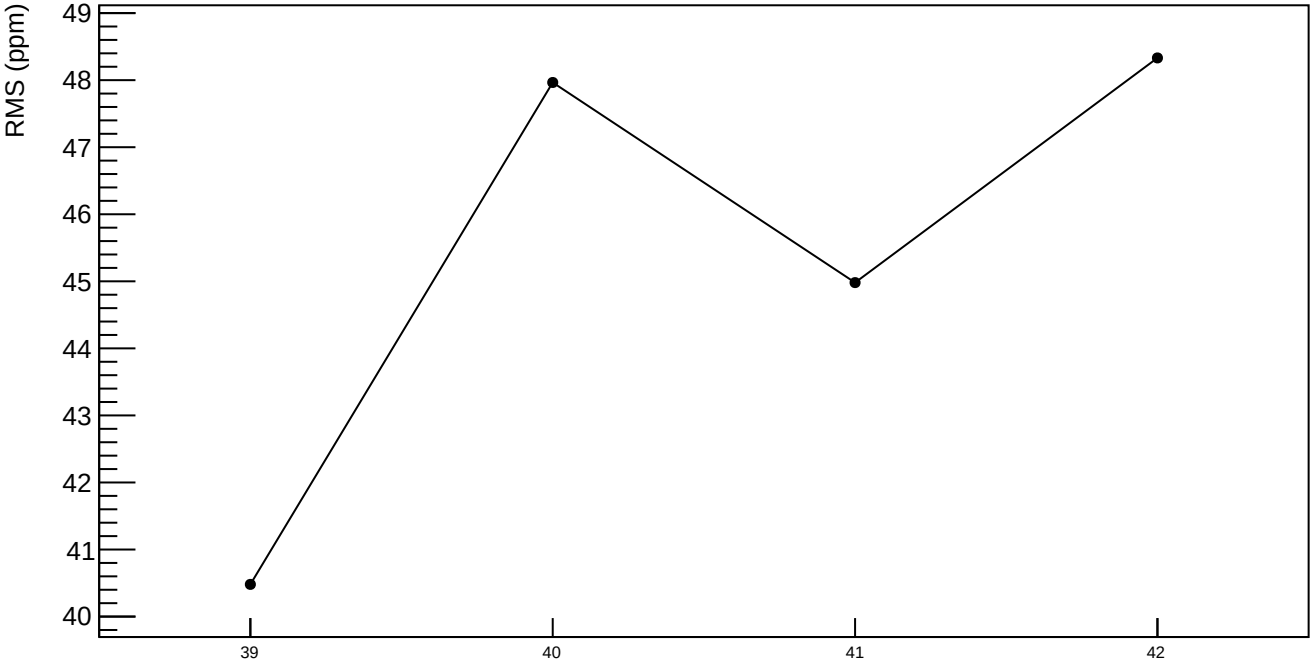
corr_usl_evMon3 RMS (ppm)

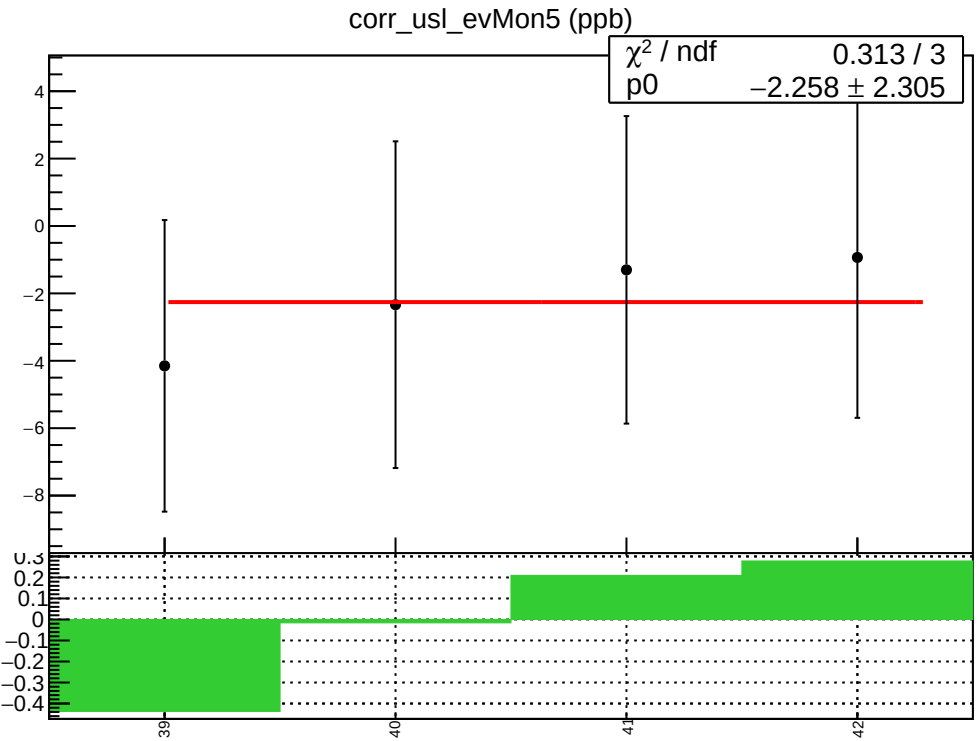


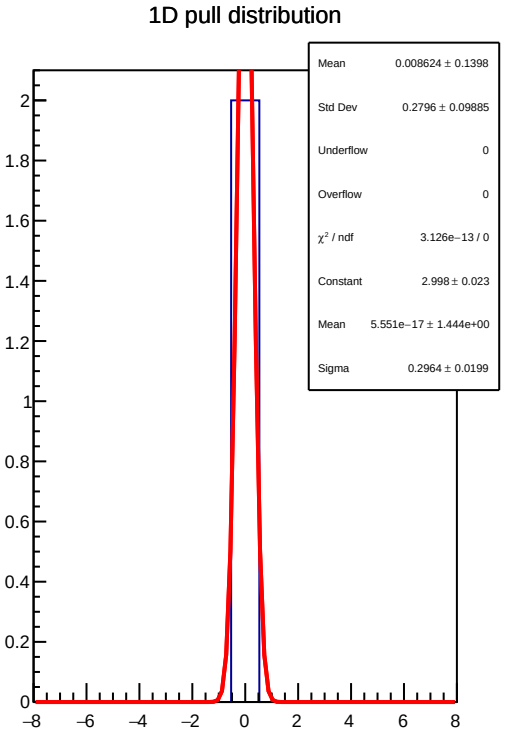

corr_usl_evMon4 (ppb)
χ² / ndf 2.192 / 3
p0 14.08 ± 27.61
100
50
0
−50
−100
1
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean 0.02102 ± 0.37
Std Dev 0.7399 ± 0.2616
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

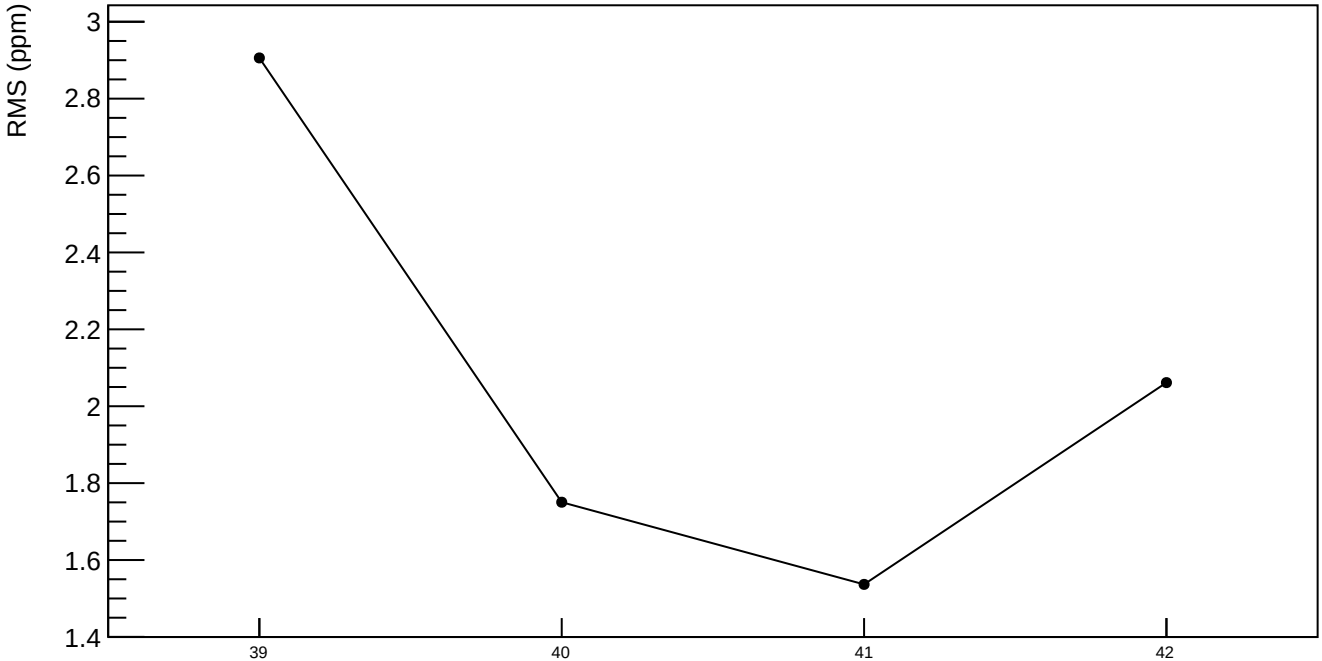
corr_usl_evMon4 RMS (ppm)

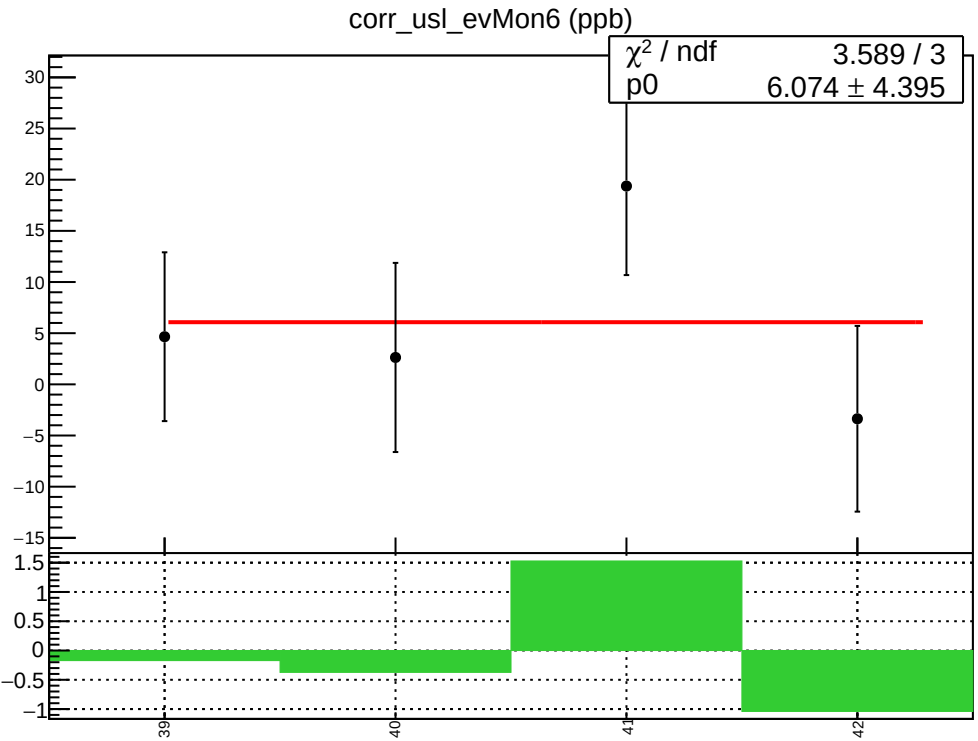


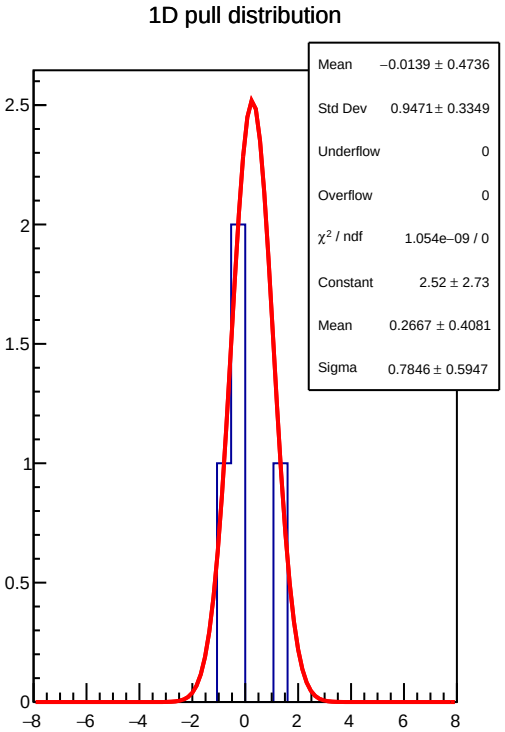

corr_usl_evMon5 (ppb)
χ² / ndf 0.313 / 3
p0 −2.258 ± 2.305
4
2
0
−2
−4
−6
−8
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
39
40
41
42

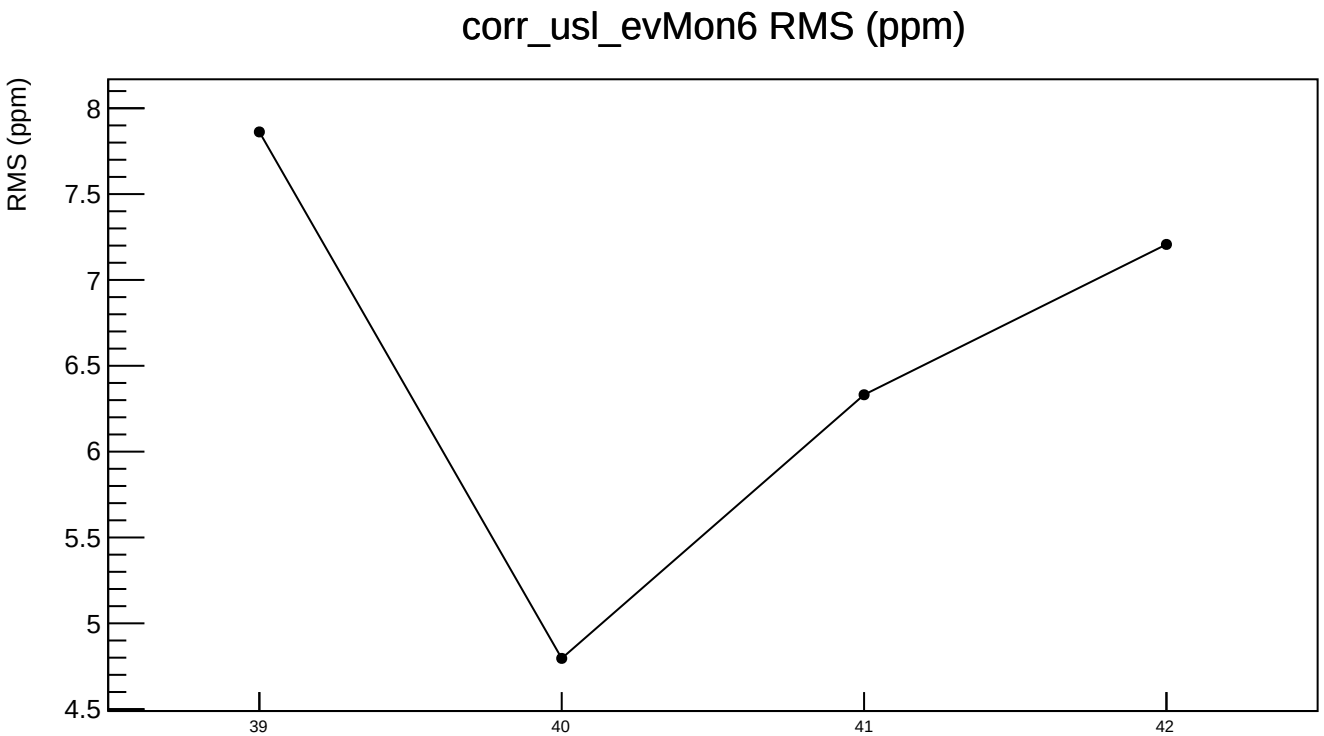

1D pull distribution
Mean 0.008624 ± 0.1398
Std Dev 0.2796 ± 0.09885
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

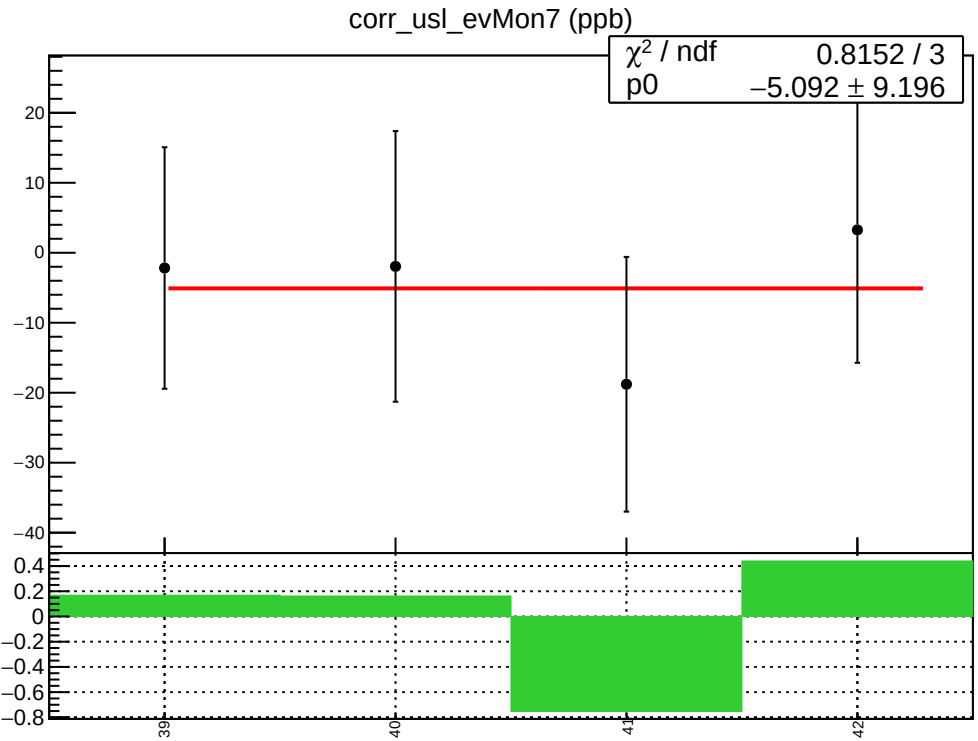
corr_usl_evMon5 RMS (ppm)

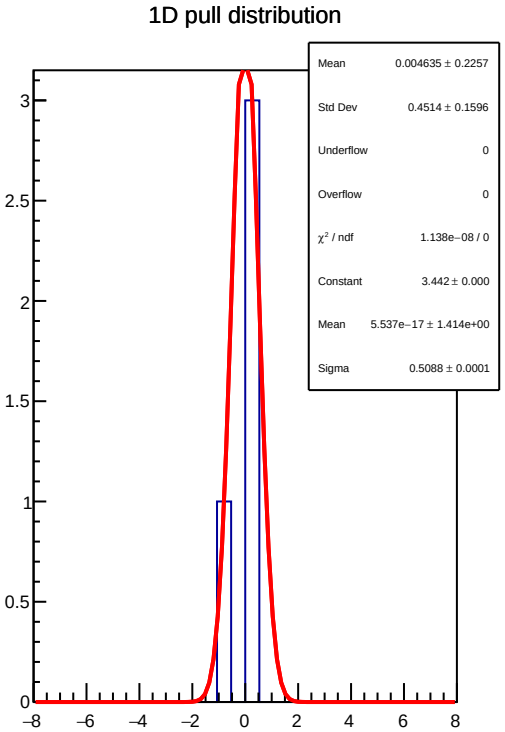



corr_usl_evMon6 (ppb)
χ² / ndf 3.589 / 3
p0 6.074 ± 4.395
30
25
20
15
10
5
0
−5
−10
−15
1.5
1
0.5
0
−0.5
−1
39
40
41
42

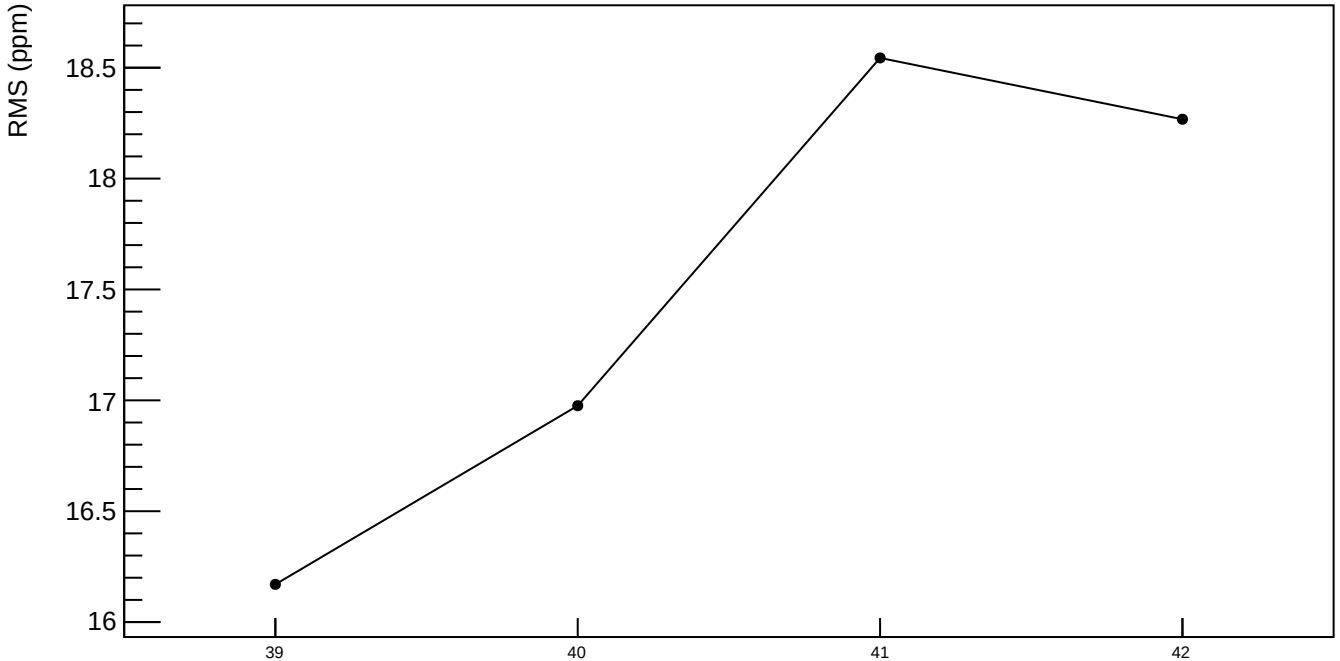

1D pull distribution
Mean −0.0139 ± 0.4736
Std Dev 0.9471 ± 0.3349
Underflow 0
Overflow 0
χ² / ndf 1.054e−09 / 0
Constant 2.52 ± 2.73
Mean 0.2667 ± 0.4081
Sigma 0.7846 ± 0.5947
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

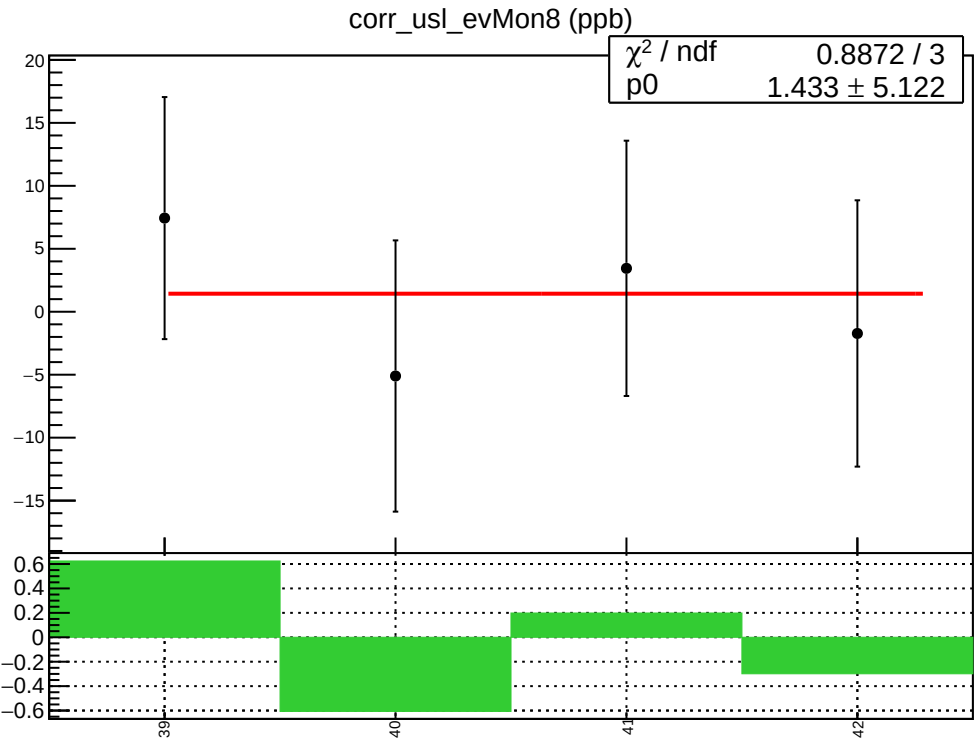

corr_usl_evMon6 RMS (ppm)
RMS (ppm)
8
7.5
7
6.5
6
5.5
5
4.5
39
40
41
42

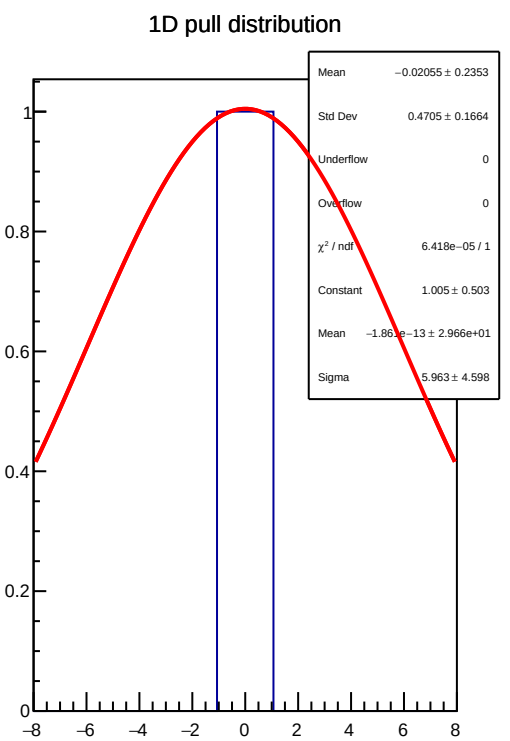

corr_usl_evMon7 (ppb)
χ² / ndf 0.8152 / 3
p0 −5.092 ± 9.196
20
10
0
−10
−20
−30
−40
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

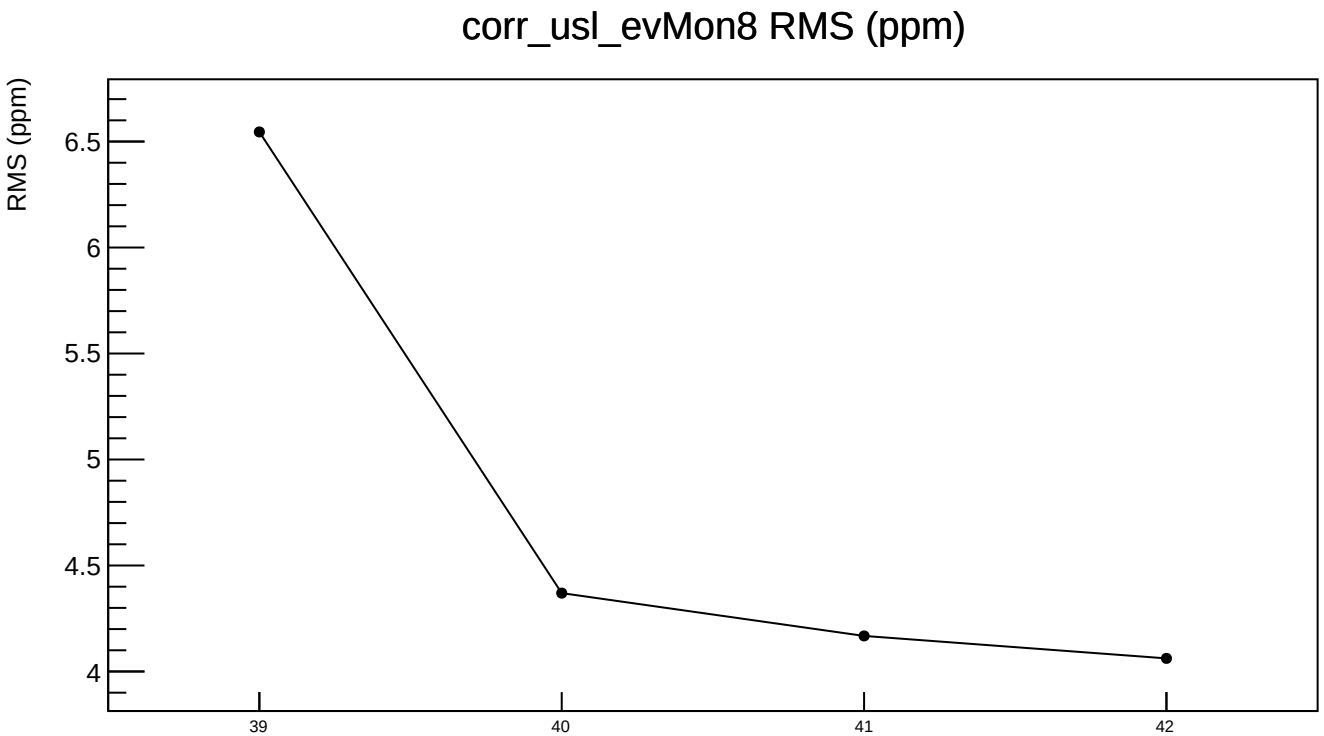

1D pull distribution
Mean 0.004635 ± 0.2257
Std Dev 0.4514 ± 0.1596
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

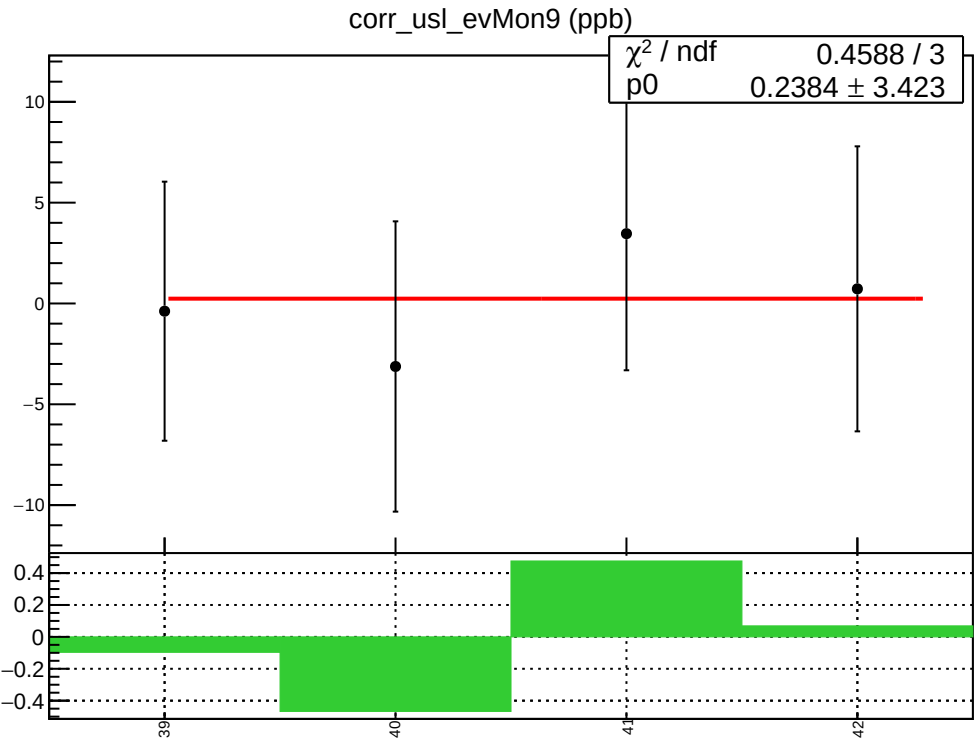
corr_usl_evMon7 RMS (ppm)

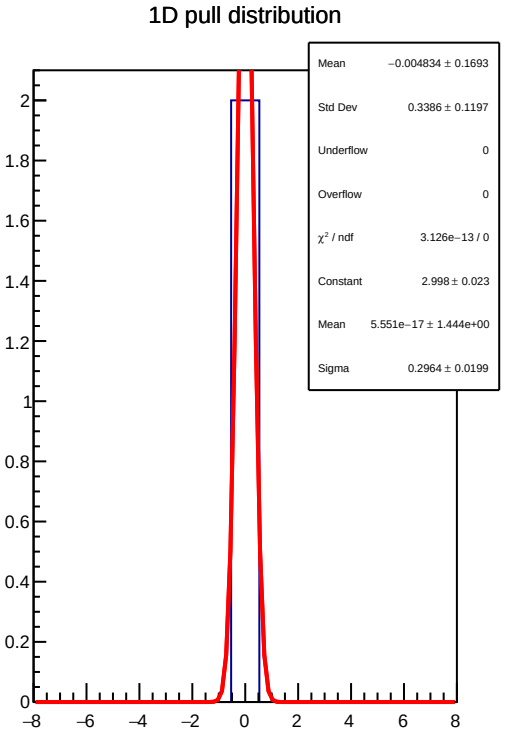



corr_usl_evMon8 (ppb)
χ² / ndf 0.8872 / 3
p0 1.433 ± 5.122
20
15
10
5
0
−5
−10
−15
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42

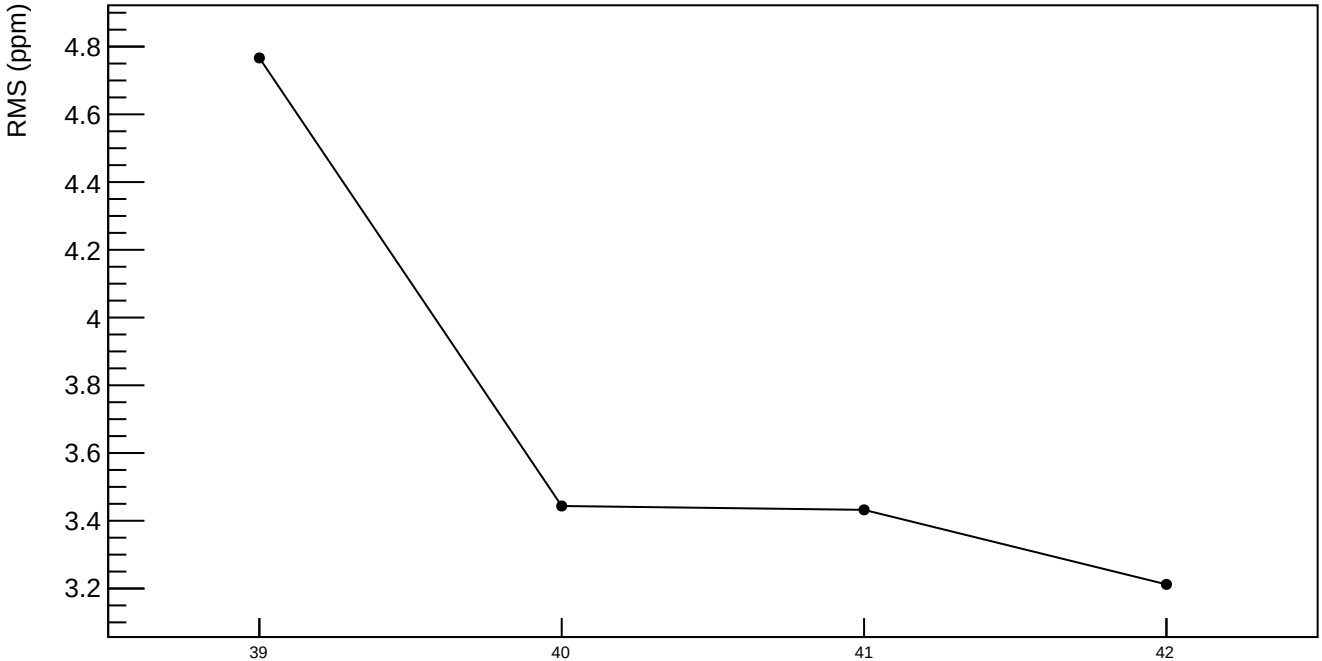

1D pull distribution
Mean −0.02055 ± 0.2353
Std Dev 0.4705 ± 0.1664
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

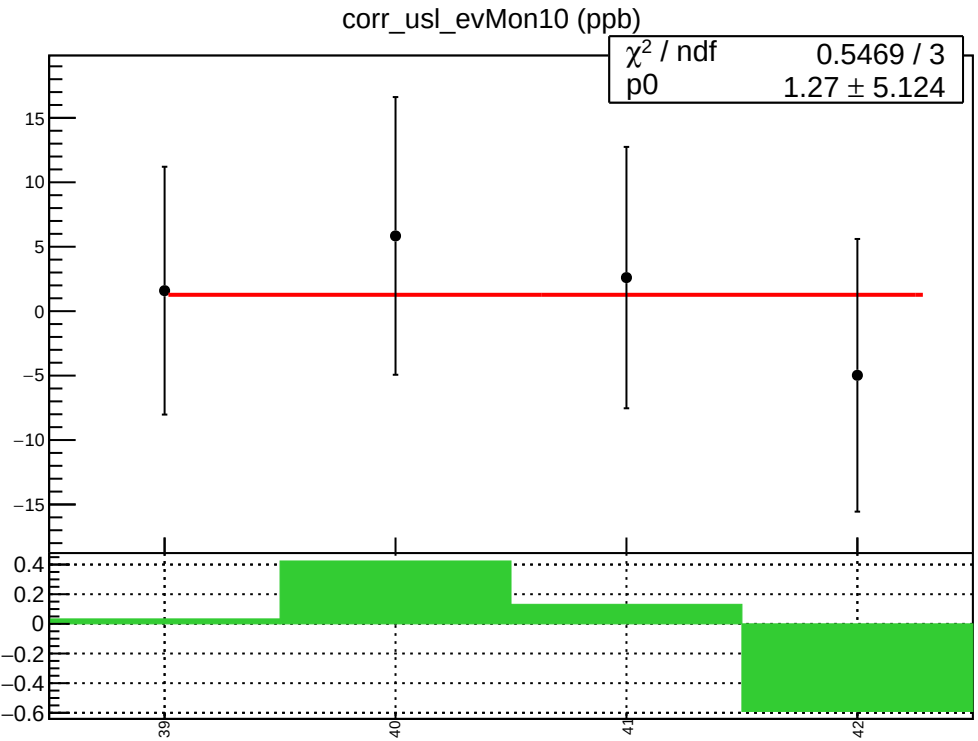

corr_usl_evMon8 RMS (ppm)
RMS (ppm)
6.5
6
5.5
5
4.5
4
39
40
41
42

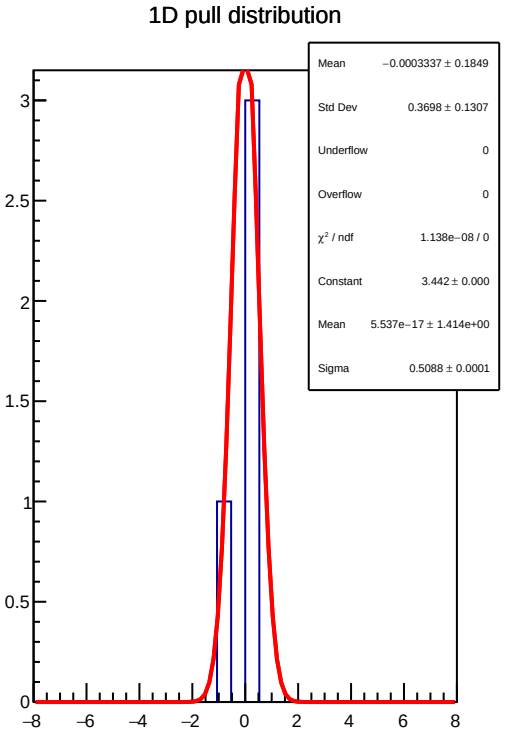

corr_usl_evMon9 (ppb)
χ² / ndf 0.4588 / 3
p0 0.2384 ± 3.423
10
5
0
−5
−10
0.4
0.2
0
−0.2
−0.4
39
40
41
42


1D pull distribution
Mean −0.004834 ± 0.1693
Std Dev 0.3386 ± 0.1197
Underflow 0
Overflow 0
χ² / ndf 3.126e−13 / 0
Constant 2.998 ± 0.023
Mean 5.551e−17 ± 1.444e+00
Sigma 0.2964 ± 0.0199
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

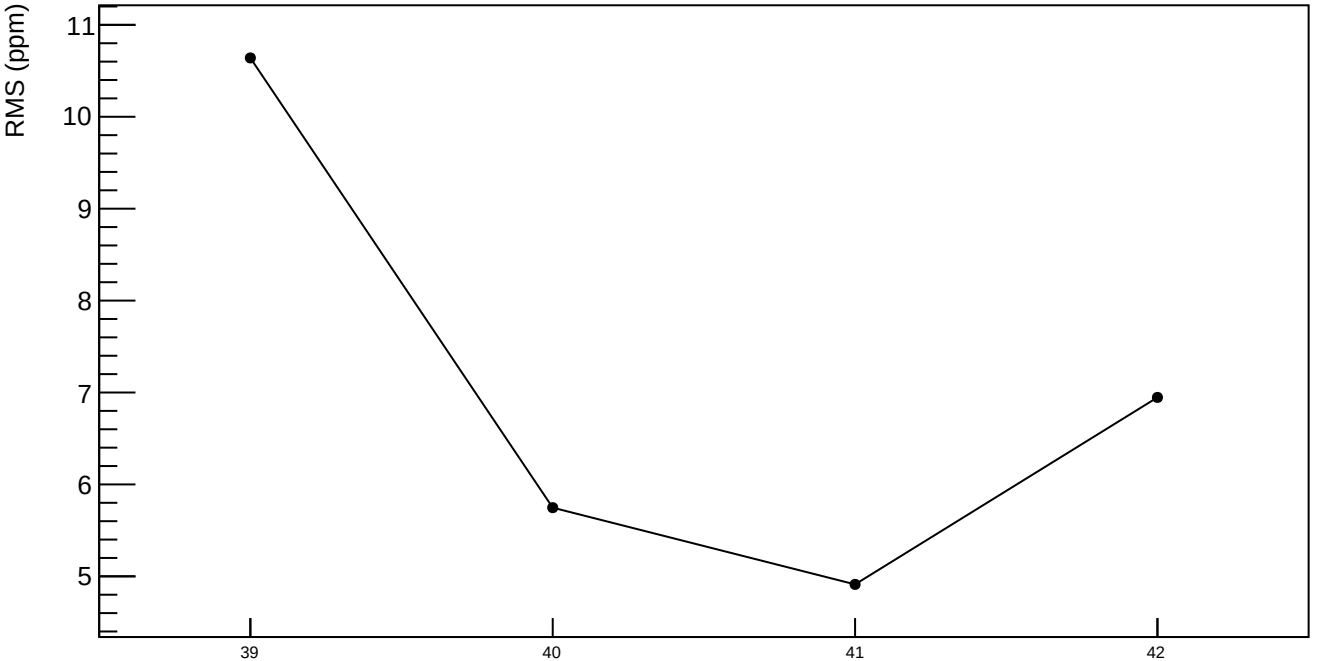
corr_usl_evMon9 RMS (ppm)

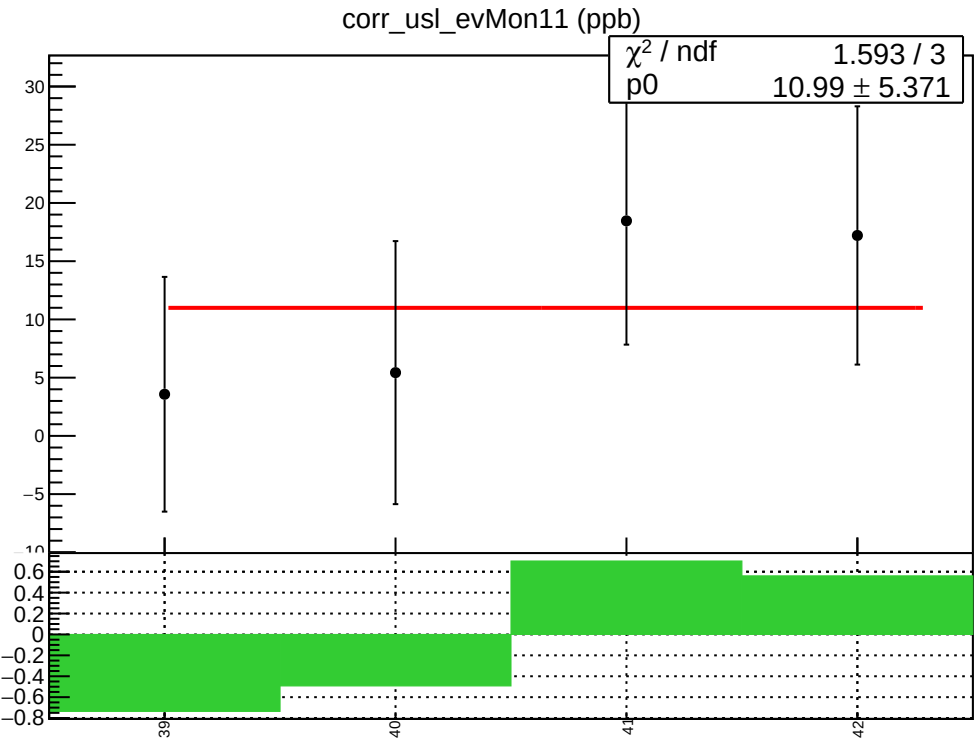


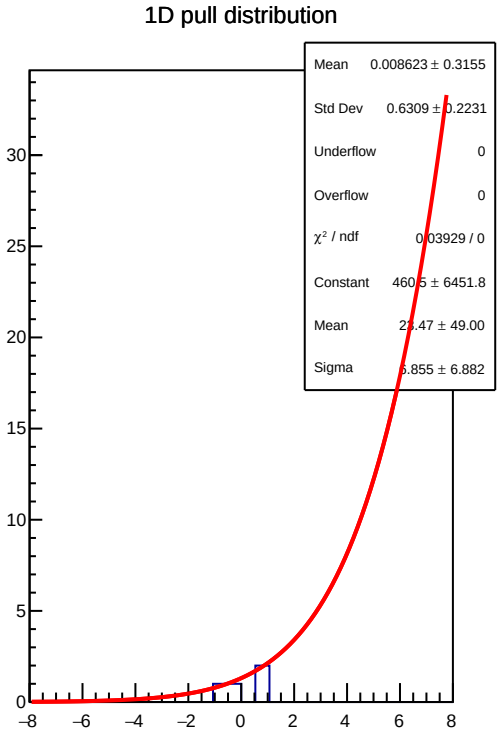

corr_usl_evMon10 (ppb)
χ² / ndf 0.5469 / 3
p0 1.27 ± 5.124
15
10
5
0
−5
−10
−15
0.4
0.2
0
−0.2
−0.4
−0.6
39
40
41
42


1D pull distribution
Mean −0.0003337 ± 0.1849
Std Dev 0.3698 ± 0.1307
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

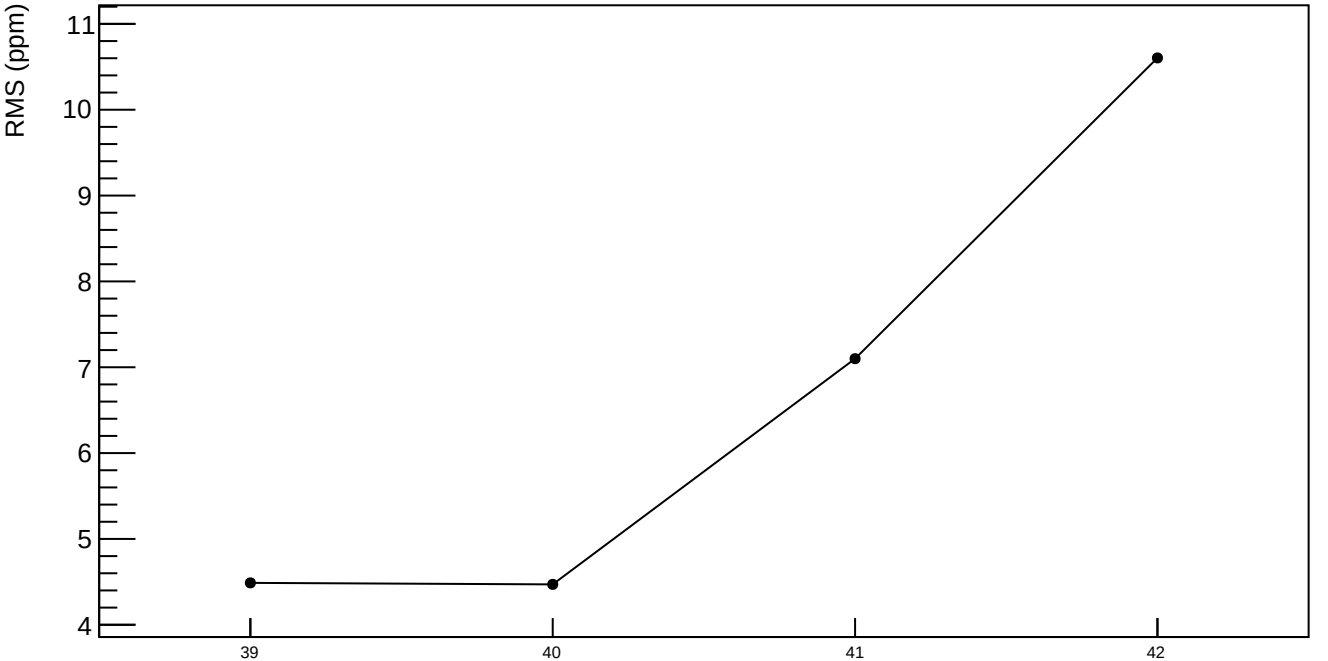
corr_usl_evMon10 RMS (ppm)

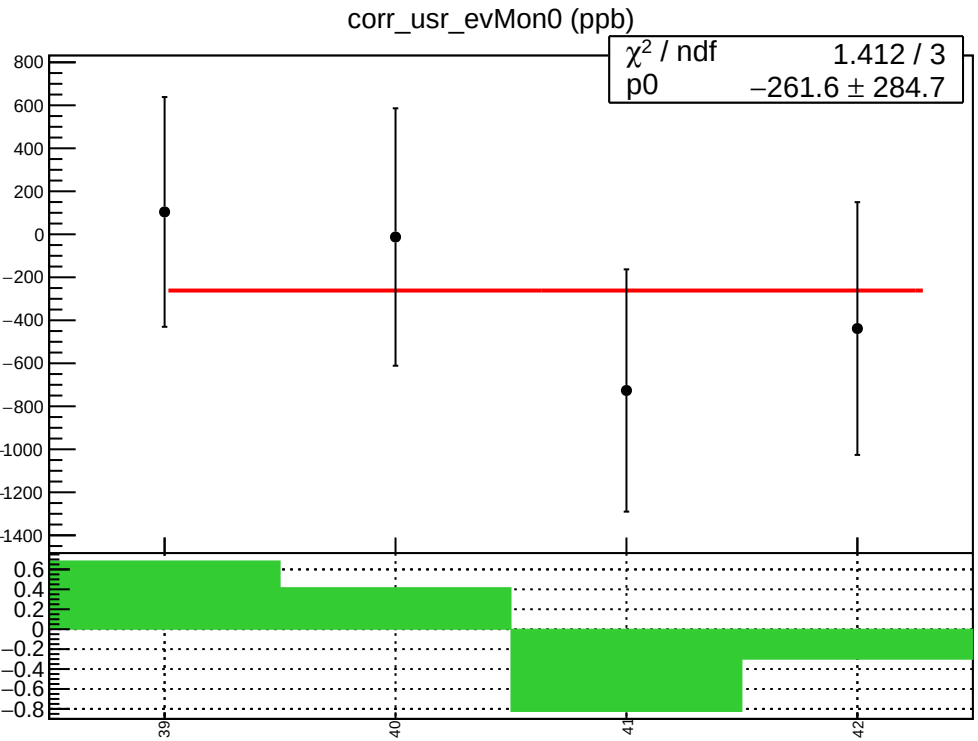


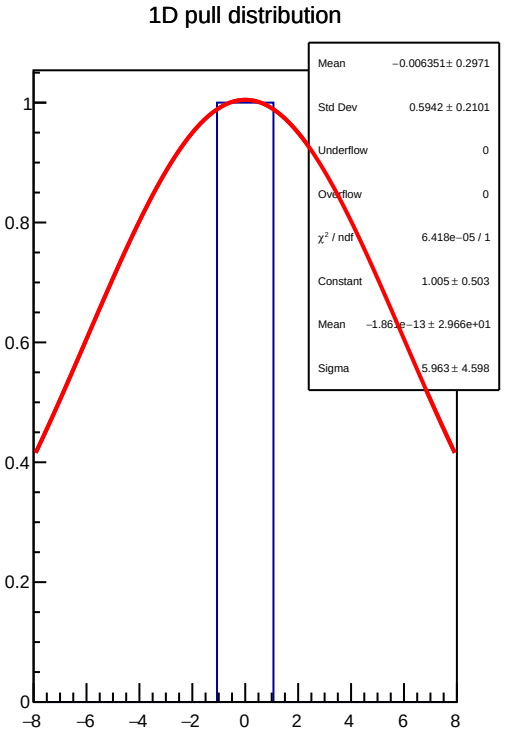

corr_usl_evMon11 (ppb)
χ² / ndf 1.593 / 3
p0 10.99 ± 5.371
30
25
20
15
10
5
0
−5
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42


1D pull distribution
Mean 0.008623 ± 0.3155
Std Dev 0.6309 ± 0.2231
Underflow 0
Overflow 0
χ² / ndf 0.03929 / 0
Constant 460.5 ± 6451.8
Mean 2.47 ± 49.00
Sigma 5.855 ± 6.882
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

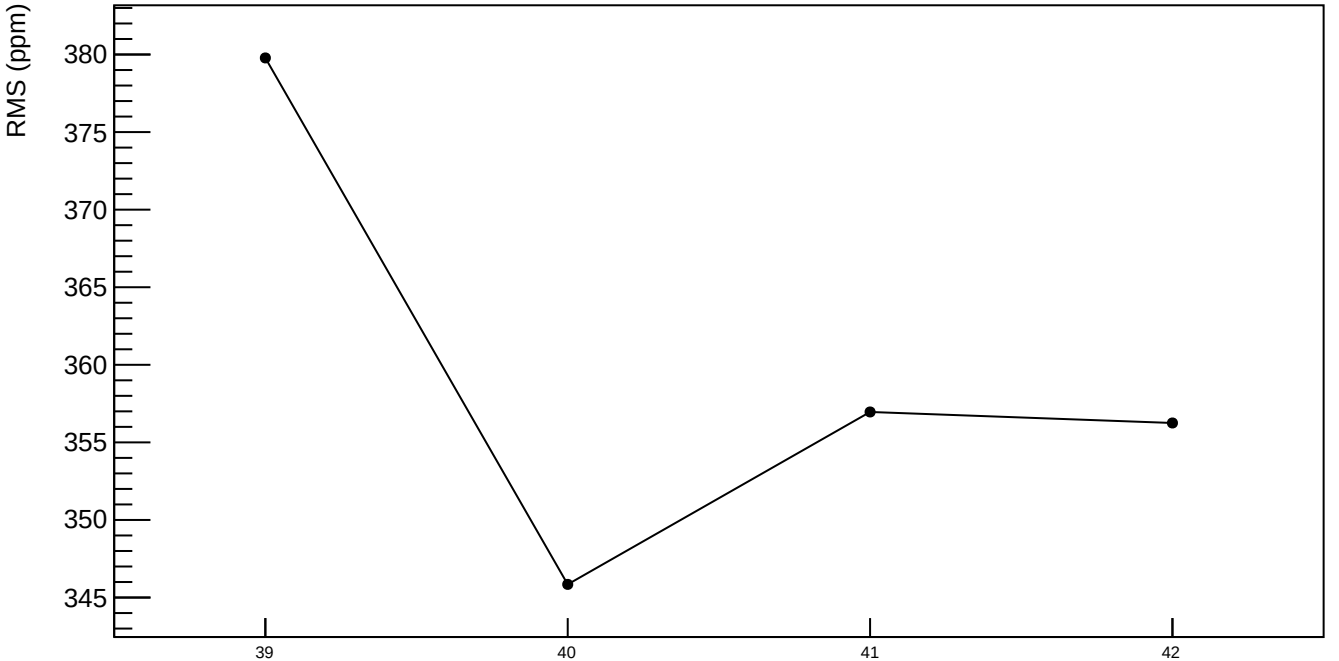
corr_usl_evMon11 RMS (ppm)

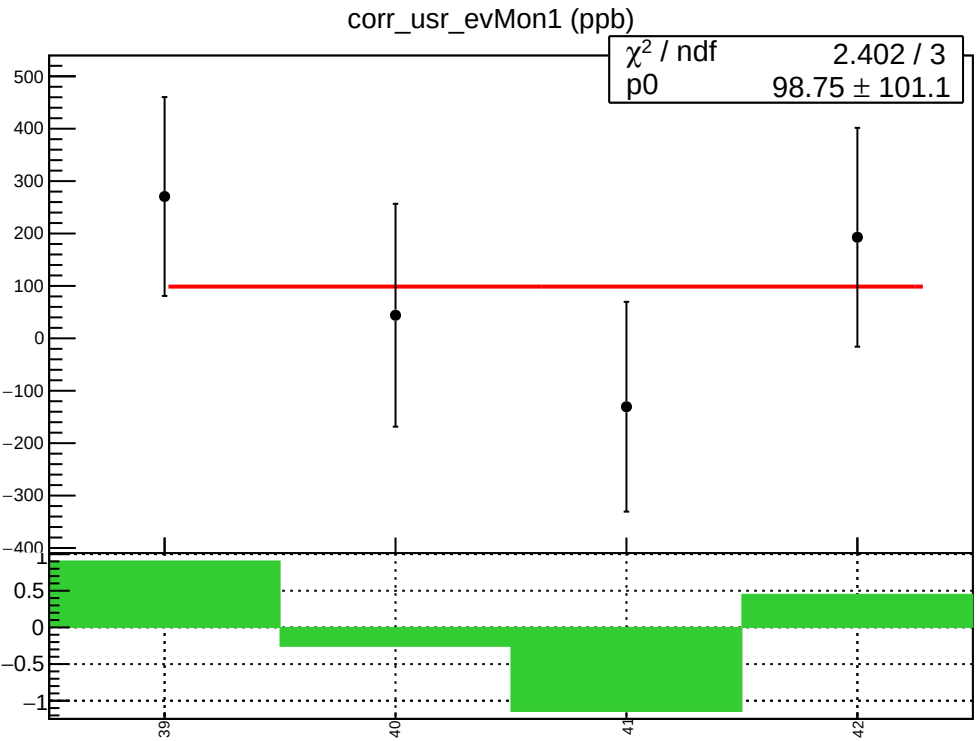


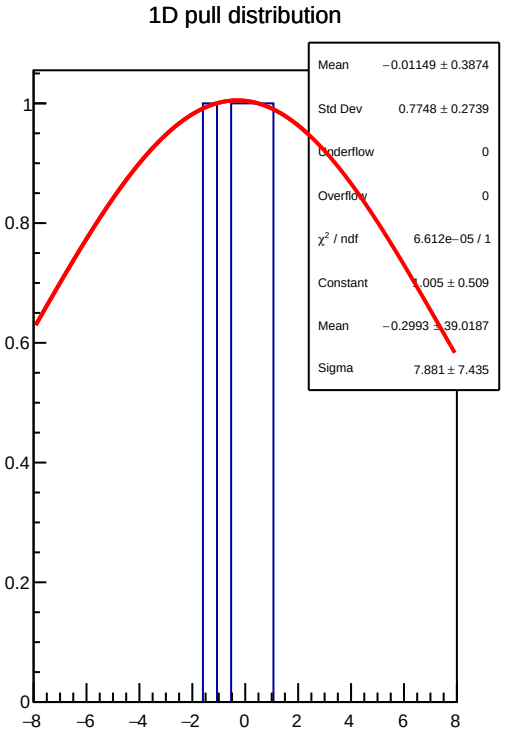

corr_usr_evMon0 (ppb)
χ² / ndf 1.412 / 3
p0 −261.6 ± 284.7
800
600
400
200
0
−200
−400
−600
−800
−1000
−1200
−1400
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42


1D pull distribution
Mean −0.006351 ± 0.2971
Std Dev 0.5942 ± 0.2101
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

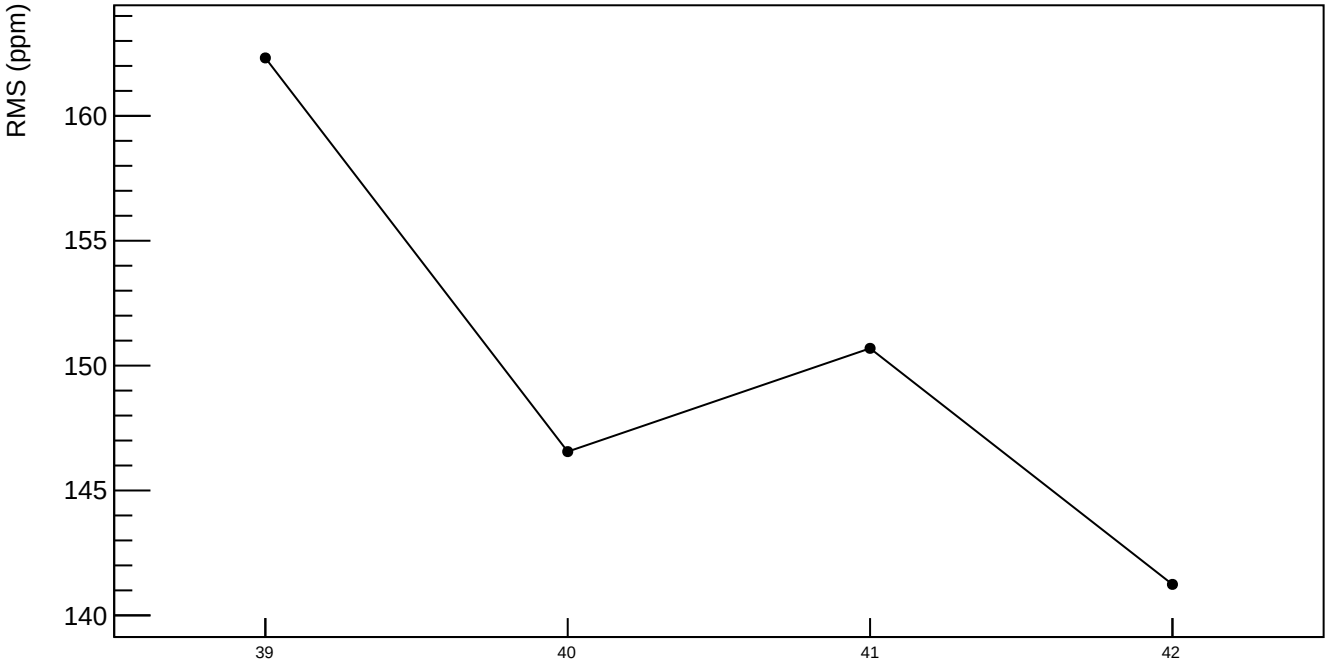
corr_usr_evMon0 RMS (ppm)

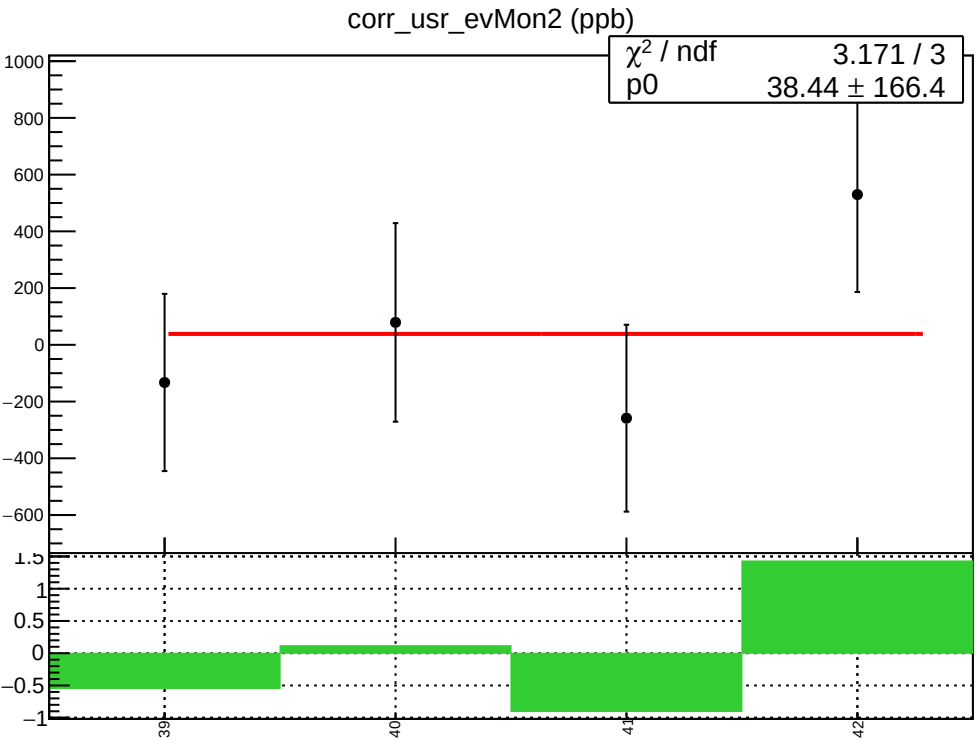


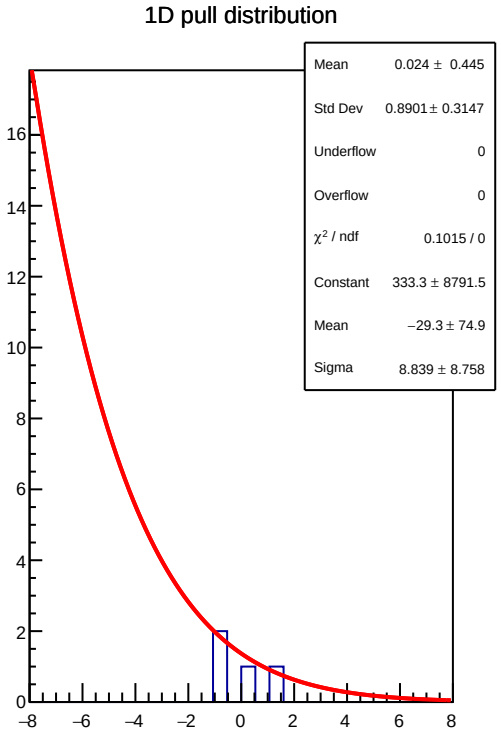

corr_usr_evMon1 (ppb)
χ² / ndf 2.402 / 3
p0 98.75 ± 101.1
500
400
300
200
100
0
−100
−200
−300
−400
1
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean −0.01149 ± 0.3874
Std Dev 0.7748 ± 0.2739
Underflow 0
Overflow 0
χ² / ndf 6.612e−05 / 1
Constant 1.005 ± 0.509
Mean −0.2993 ± 39.0187
Sigma 7.881 ± 7.435
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

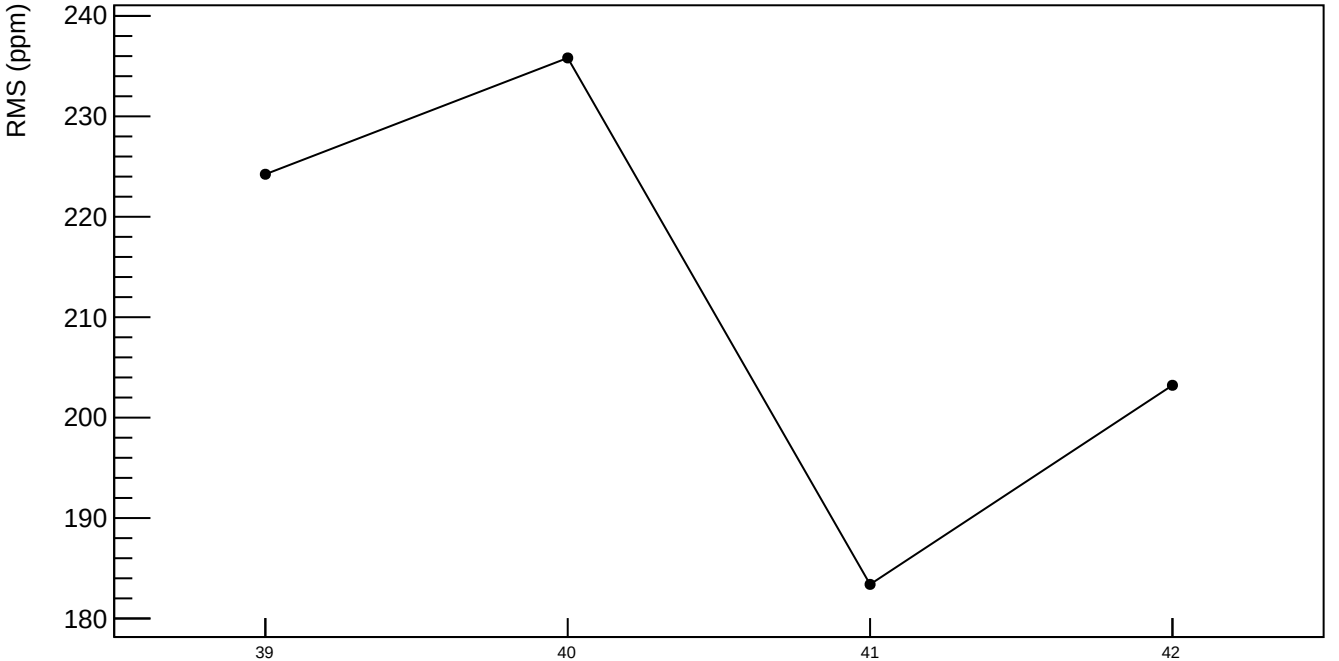
corr_usr_evMon1 RMS (ppm)

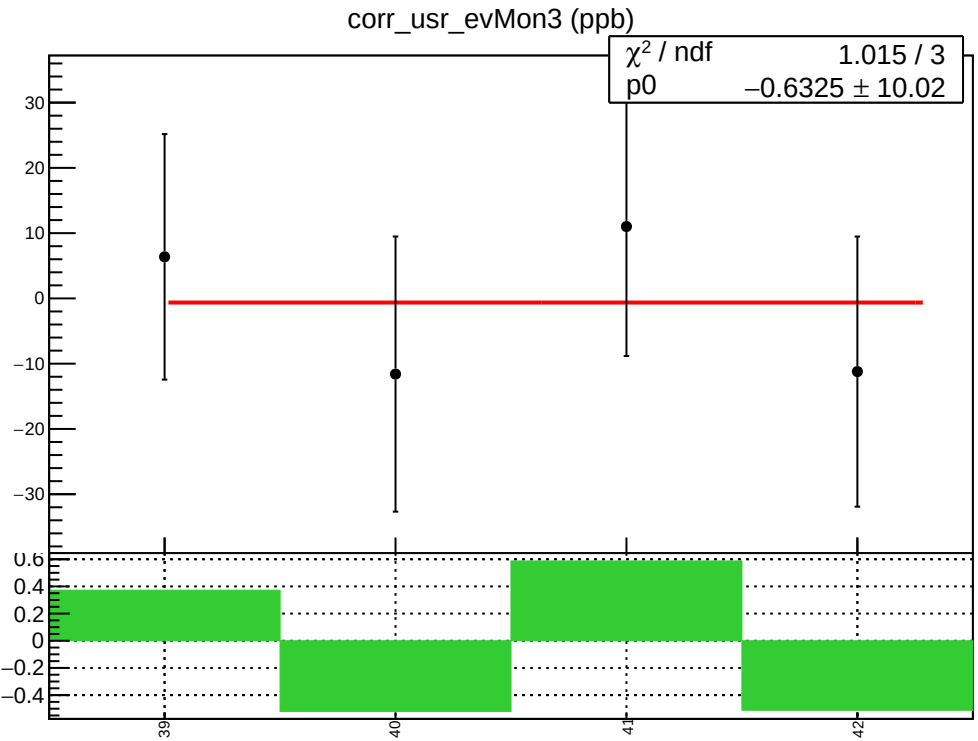


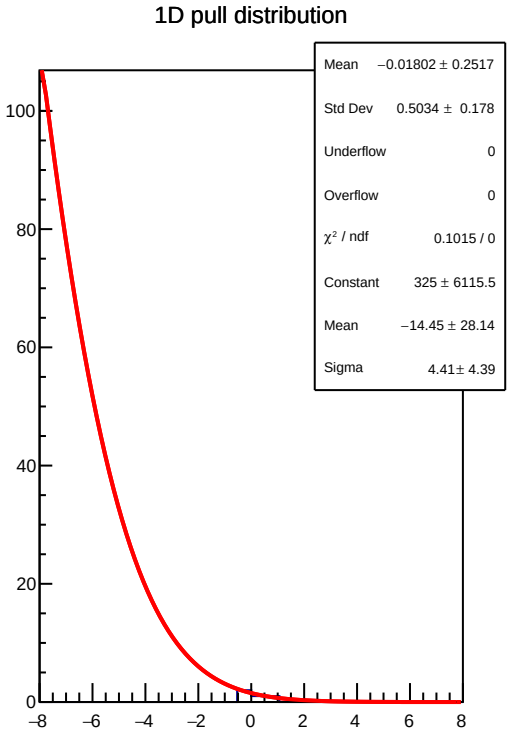

corr_usr_evMon2 (ppb)
χ² / ndf 3.171 / 3
p0 38.44 ± 166.4
1000
800
600
400
200
0
−200
−400
−600
1.5
1
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean 0.024 ± 0.445
Std Dev 0.8901 ± 0.3147
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 333.3 ± 8791.5
Mean −29.3 ± 74.9
Sigma 8.839 ± 8.758
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

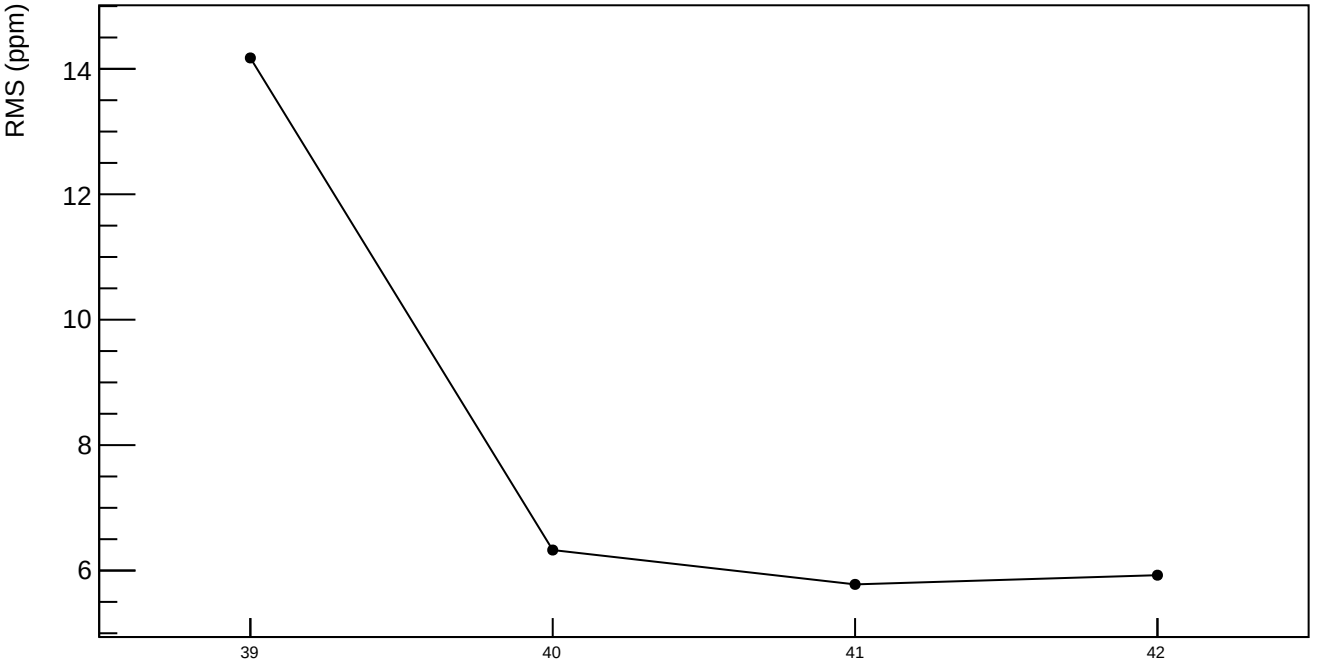
corr_usr_evMon2 RMS (ppm)

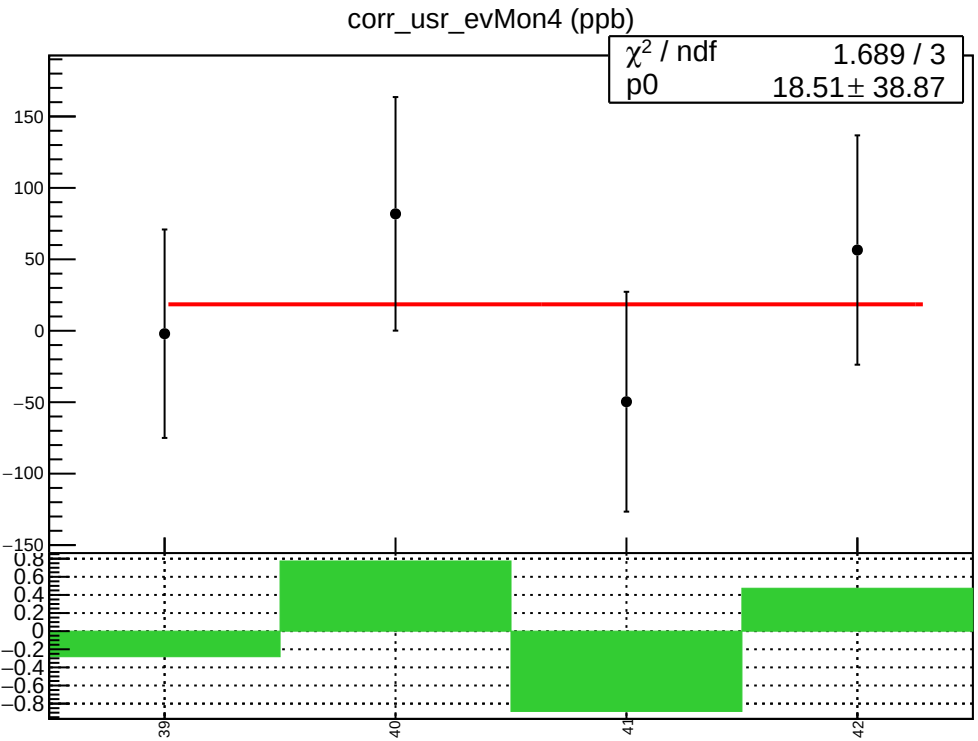


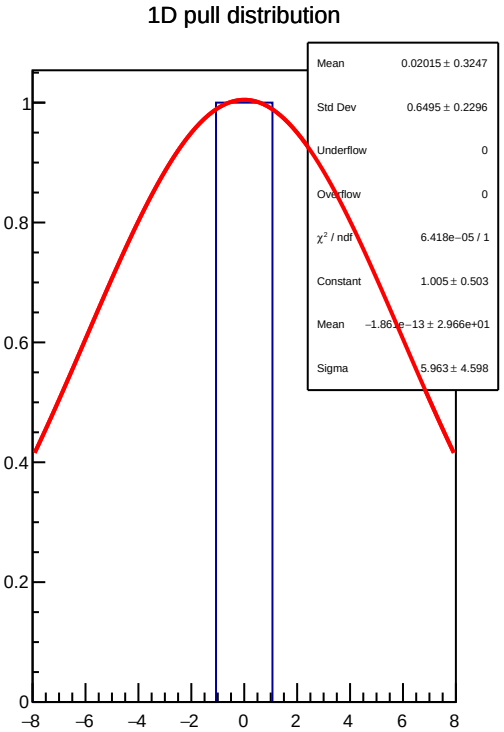

corr_usr_evMon3 (ppb)
χ² / ndf 1.015 / 3
p0 −0.6325 ± 10.02
30
20
10
0
−10
−20
−30
0.6
0.4
0.2
0
−0.2
−0.4
39
40
41
42

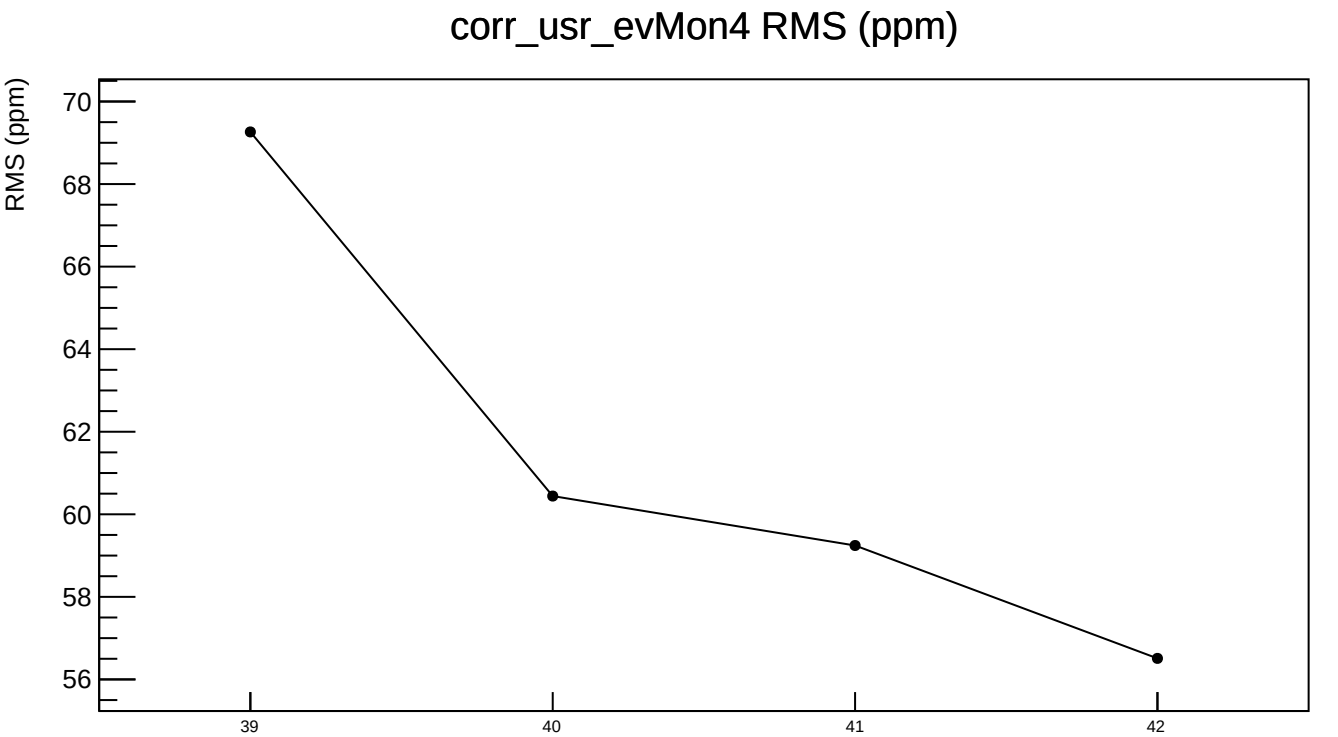

1D pull distribution
Mean −0.01802 ± 0.2517
Std Dev 0.5034 ± 0.178
Underflow 0
Overflow 0
χ² / ndf 0.1015 / 0
Constant 325 ± 6115.5
Mean −14.45 ± 28.14
Sigma 4.41± 4.39
100
80
60
40
20
0
−8
−6
−4
−2
0
2
4
6
8

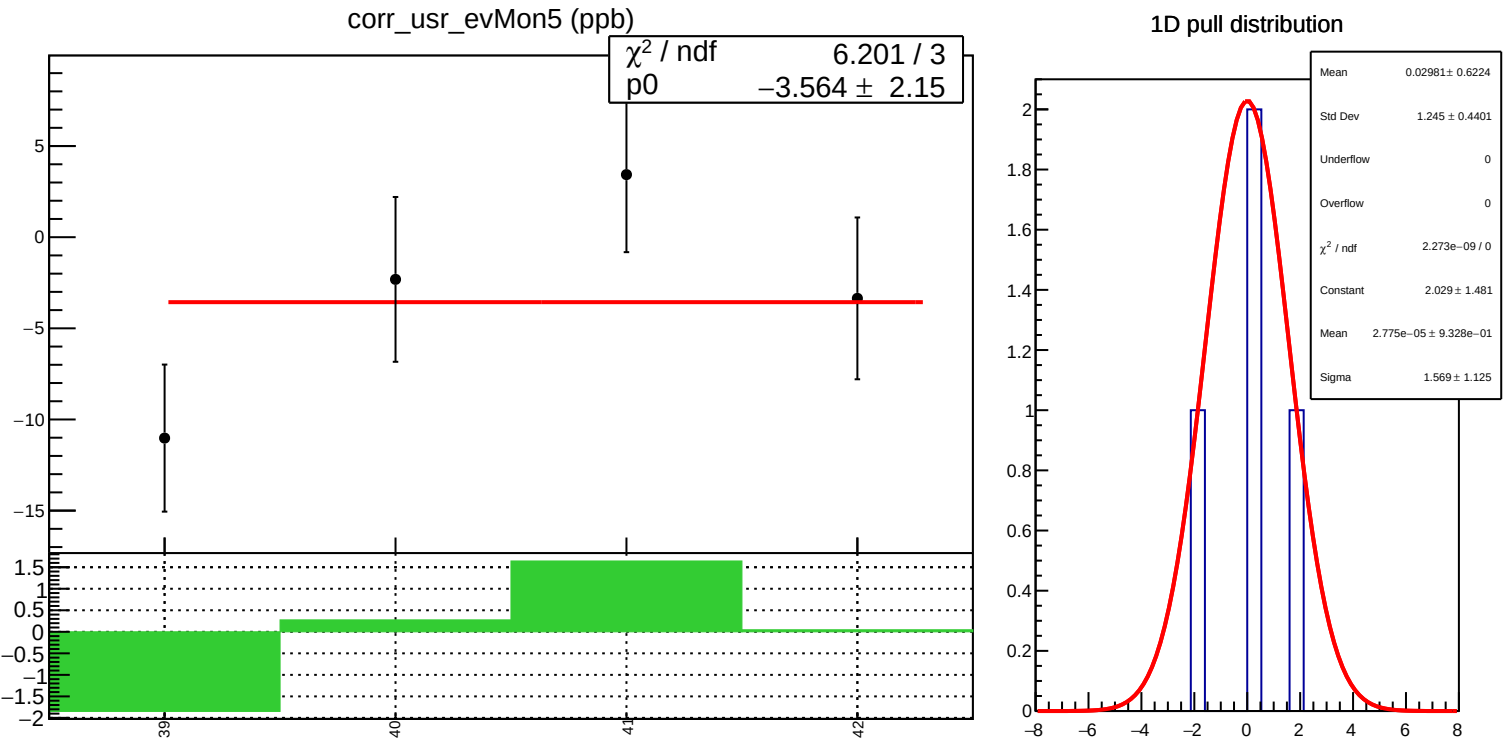
corr_usr_evMon3 RMS (ppm)



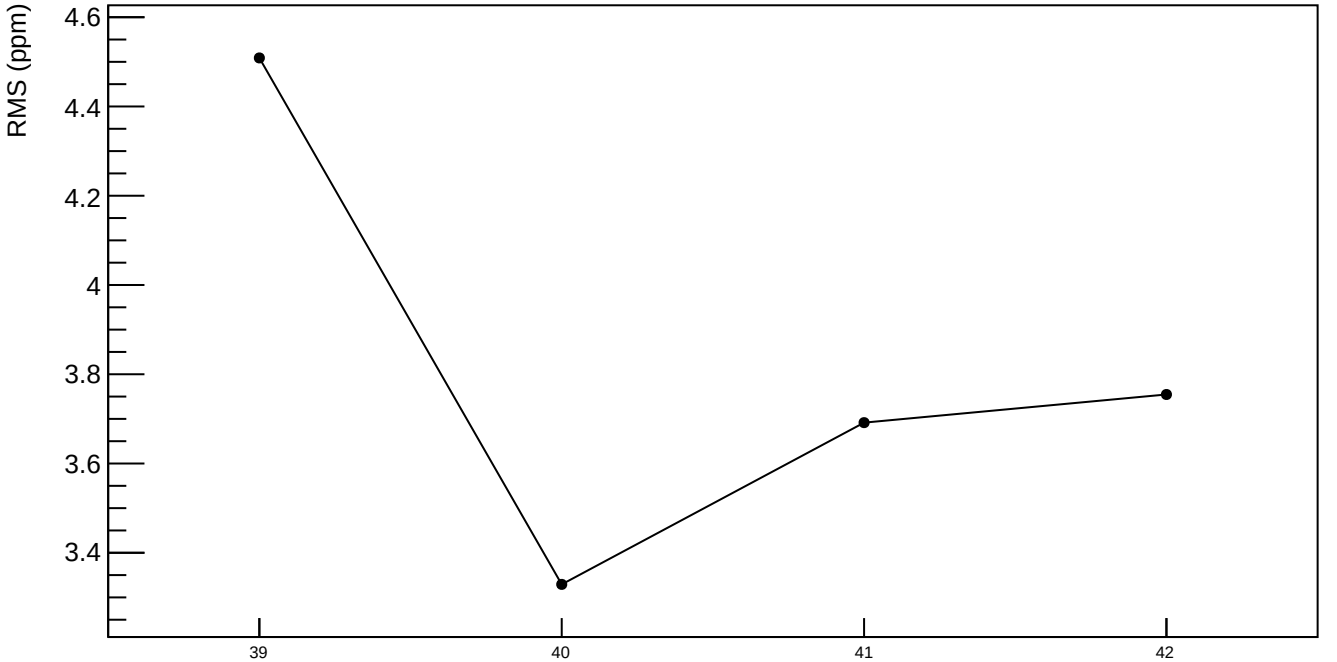

corr_usr_evMon4 (ppb)
χ² / ndf 1.689 / 3
p0 18.51 ± 38.87
150
100
50
0
−50
−100
−150
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

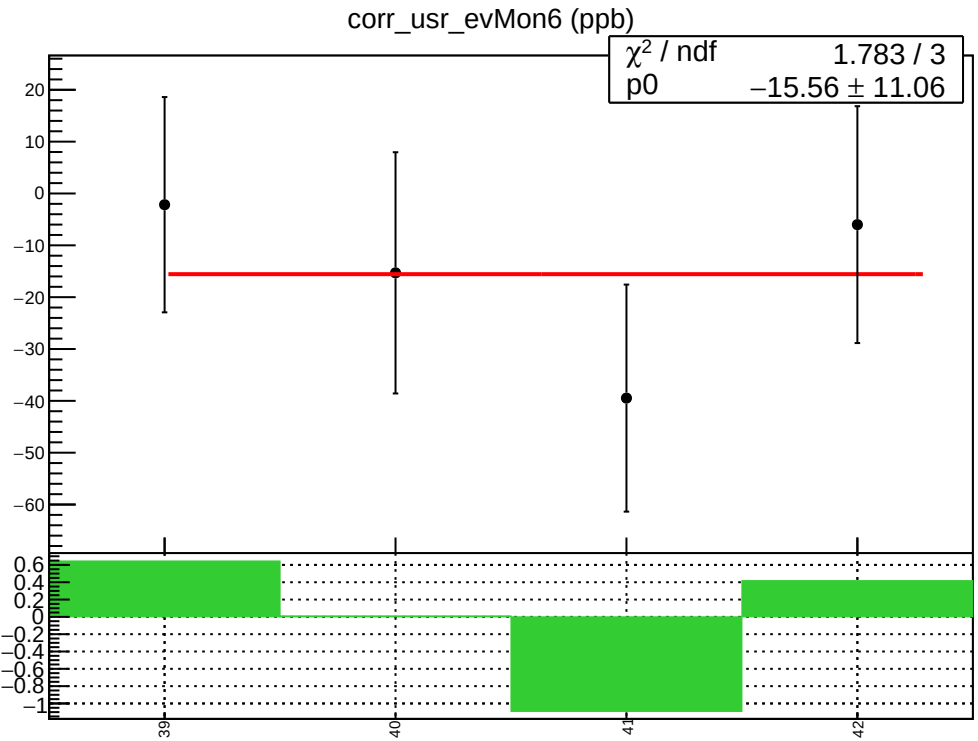

1D pull distribution
Mean 0.02015 ± 0.3247
Std Dev 0.6495 ± 0.2296
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598
1
0.8
0.6
0.4
0.2
0
−8
−6
−4
−2
0
2
4
6
8

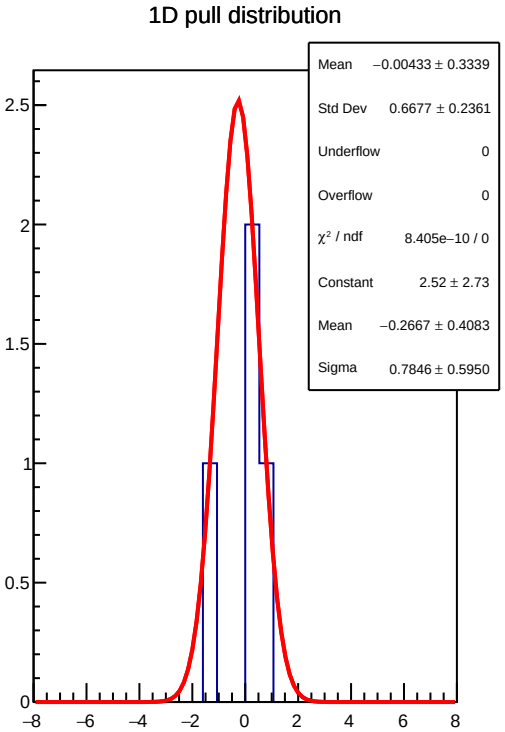

corr_usr_evMon4 RMS (ppm)
RMS (ppm)
70
68
66
64
62
60
58
56
39
40
41
42


corr_usr_evMon5 (ppb)
χ² / ndf 6.201 / 3
p0 −3.564 ± 2.15
1D pull distribution
Mean 0.02981 ± 0.6224
Std Dev 1.245 ± 0.4401
Underflow 0
Overflow 0
χ² / ndf 2.273e−09 / 0
Constant 2.029 ± 1.481
Mean 2.775e−05 ± 9.328e−01
Sigma 1.569 ± 1.125

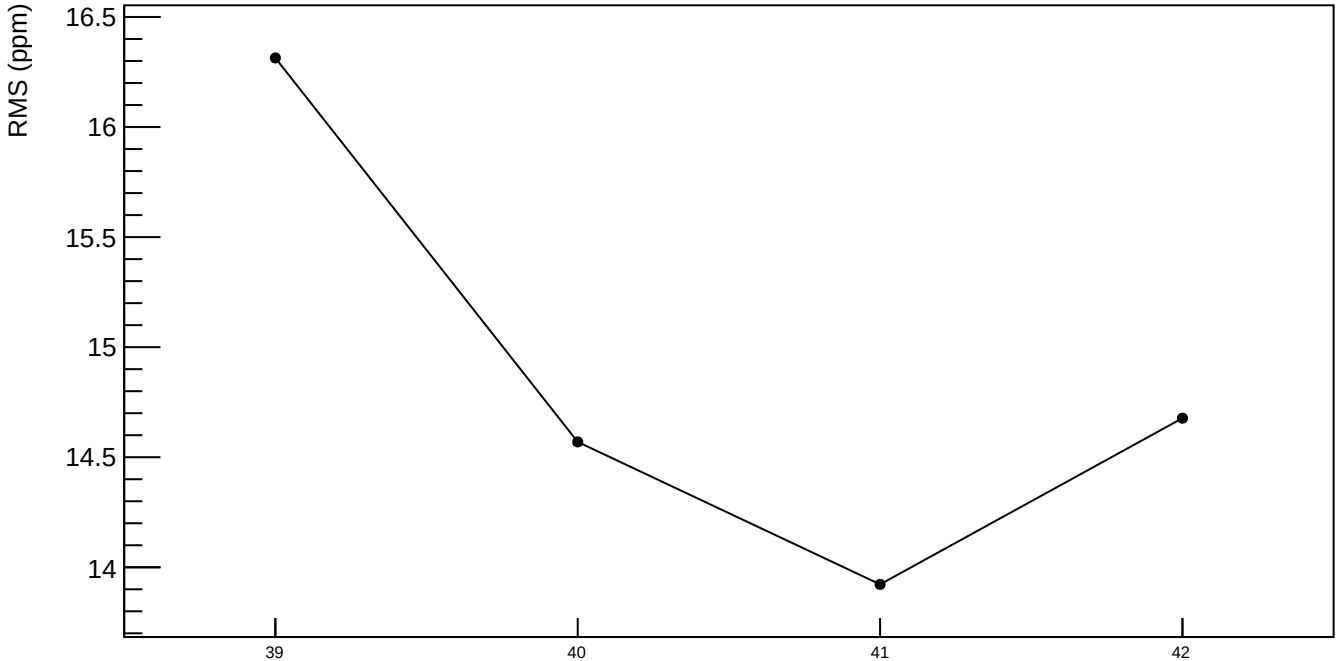
corr_usr_evMon5 RMS (ppm)

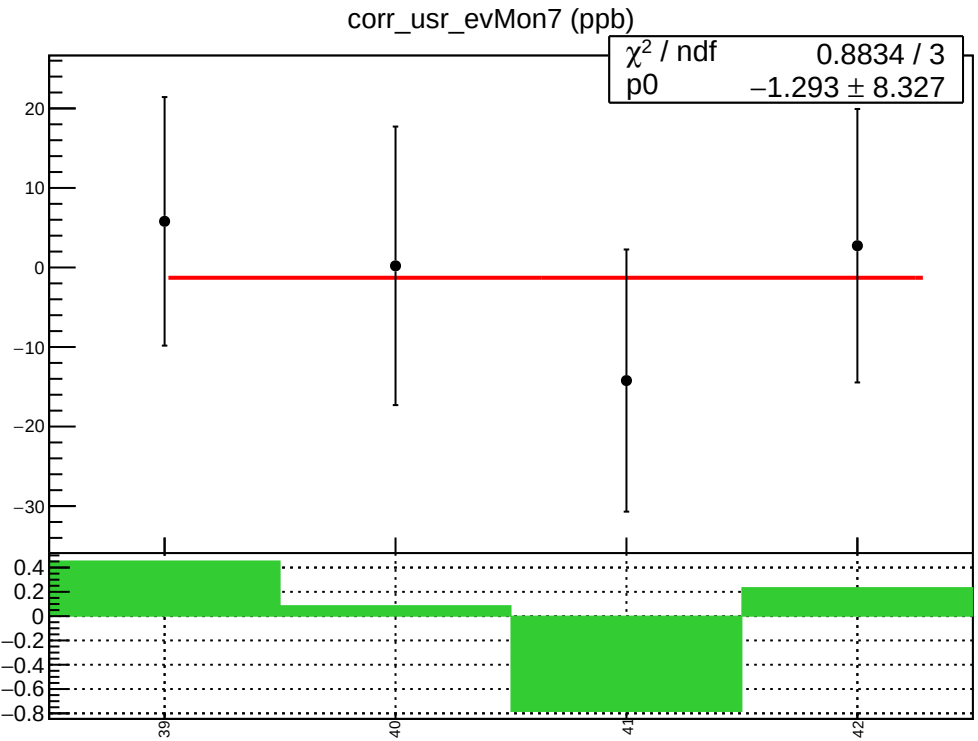


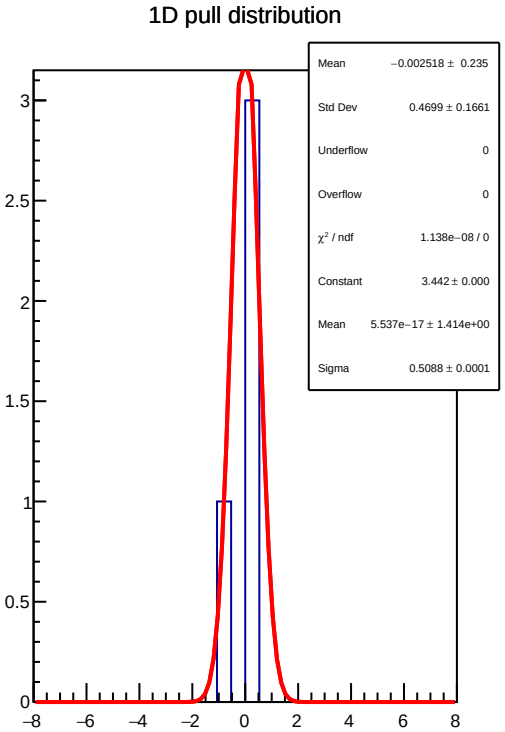

corr_usr_evMon6 (ppb)
χ² / ndf 1.783 / 3
p0 −15.56 ± 11.06
20
10
0
−10
−20
−30
−40
−50
−60
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
39
40
41
42

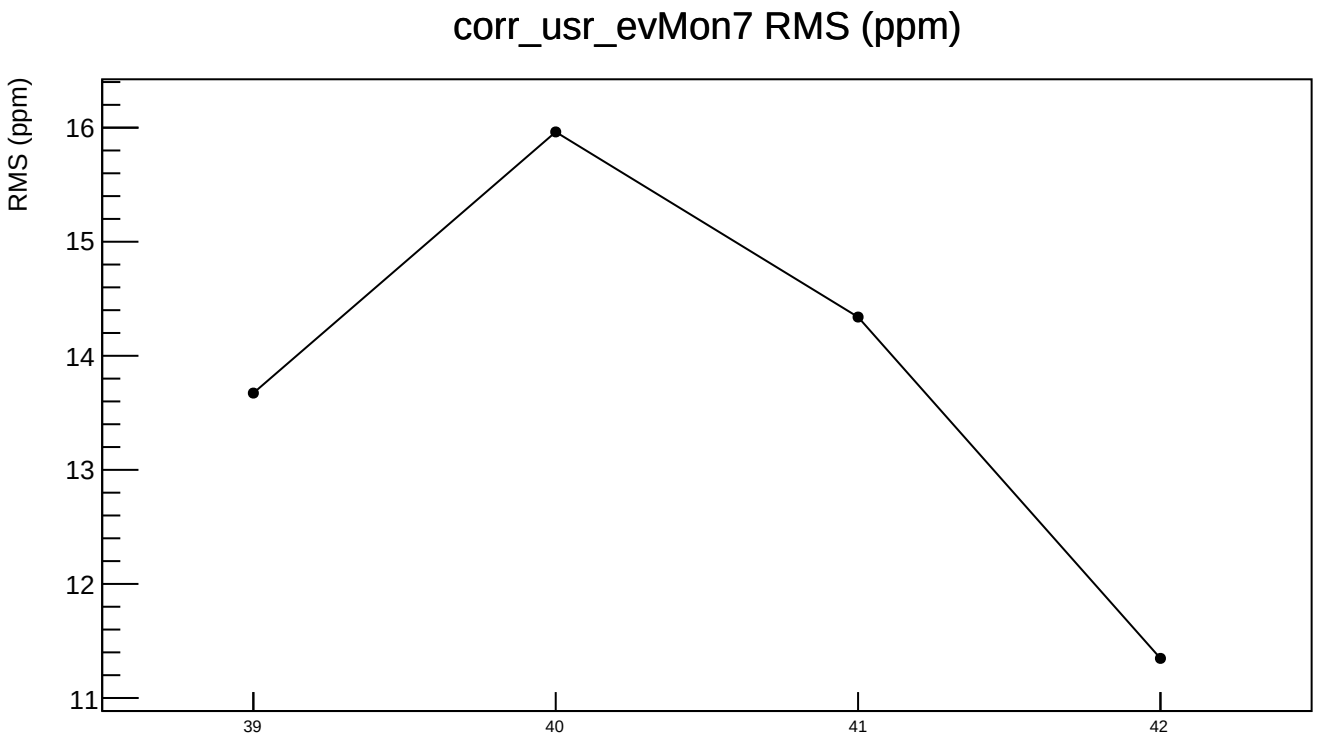

1D pull distribution
Mean −0.00433 ± 0.3339
Std Dev 0.6677 ± 0.2361
Underflow 0
Overflow 0
χ² / ndf 8.405e−10 / 0
Constant 2.52 ± 2.73
Mean −0.2667 ± 0.4083
Sigma 0.7846 ± 0.5950
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

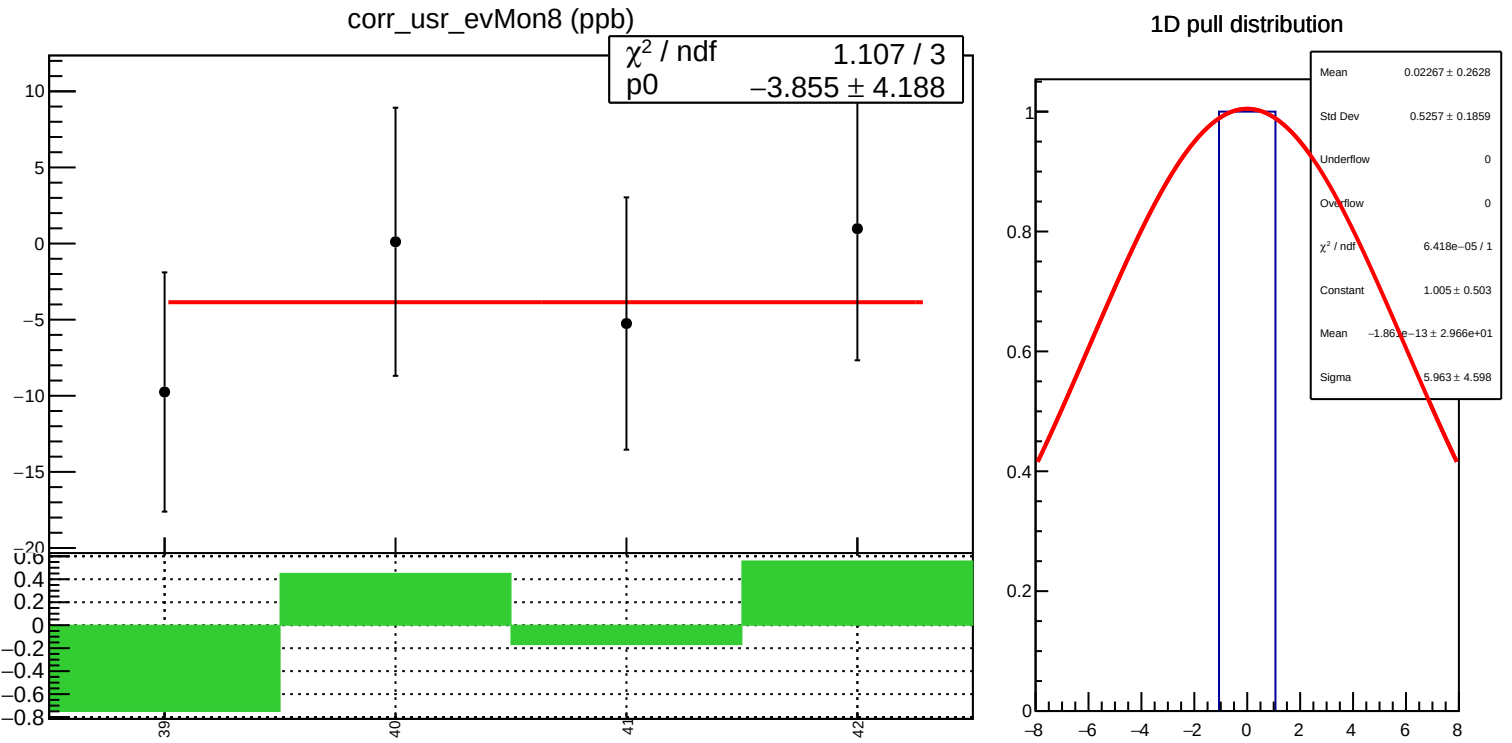
corr_usr_evMon6 RMS (ppm)

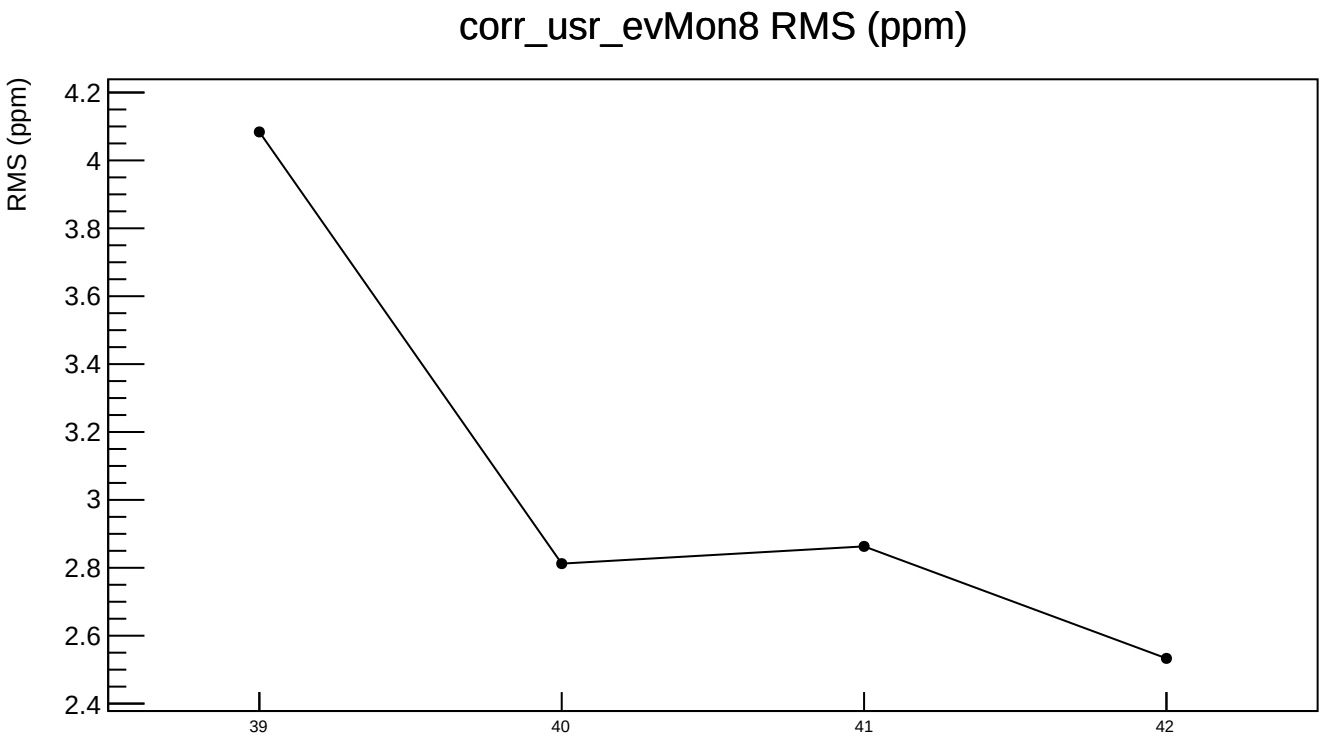


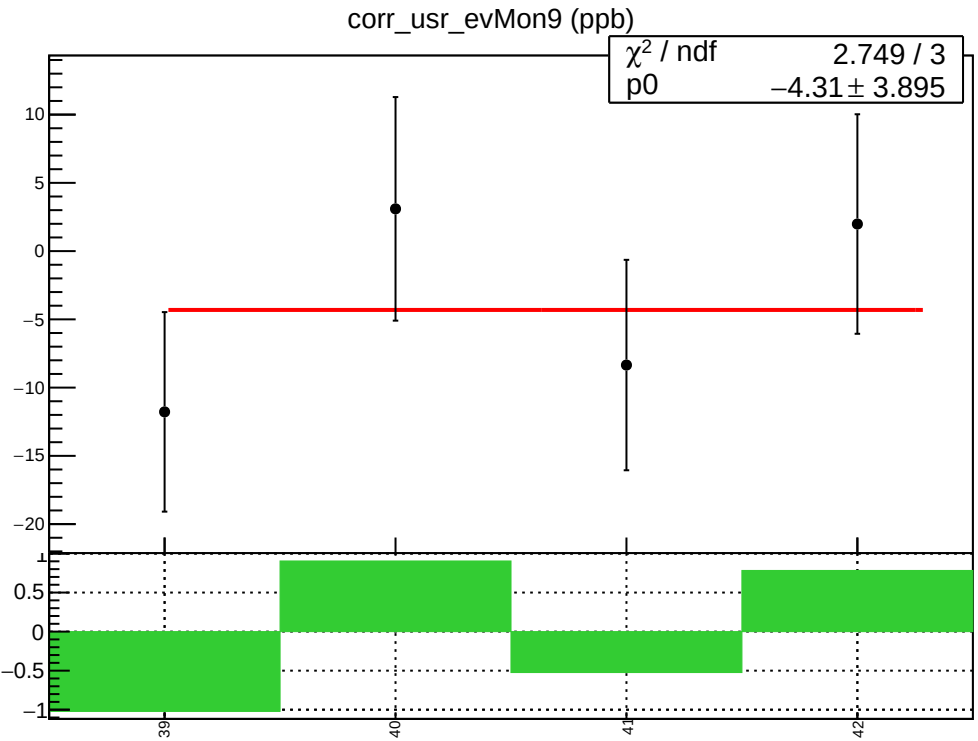

corr_usr_evMon7 (ppb)
χ² / ndf 0.8834 / 3
p0 −1.293 ± 8.327
20
10
0
−10
−20
−30
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
39
40
41
42

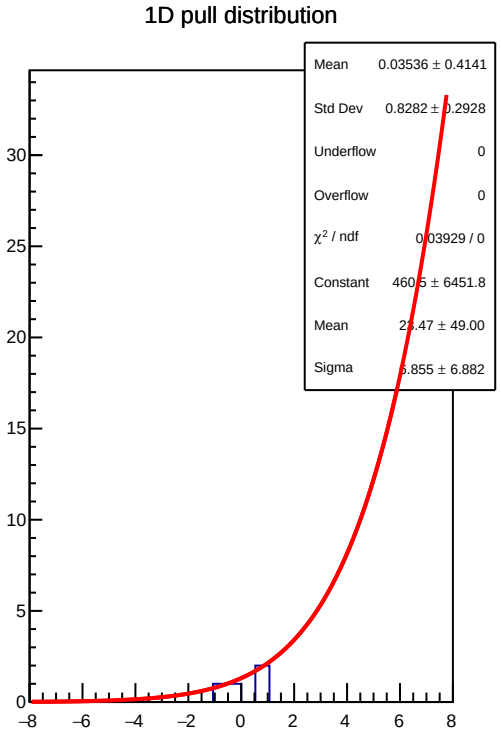

1D pull distribution
Mean −0.002518 ± 0.235
Std Dev 0.4699 ± 0.1661
Underflow 0
Overflow 0
χ² / ndf 1.138e−08 / 0
Constant 3.442 ± 0.000
Mean 5.537e−17 ± 1.414e+00
Sigma 0.5088 ± 0.0001
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8


corr_usr_evMon7 RMS (ppm)
RMS (ppm)
16
15
14
13
12
11
39
40
41
42

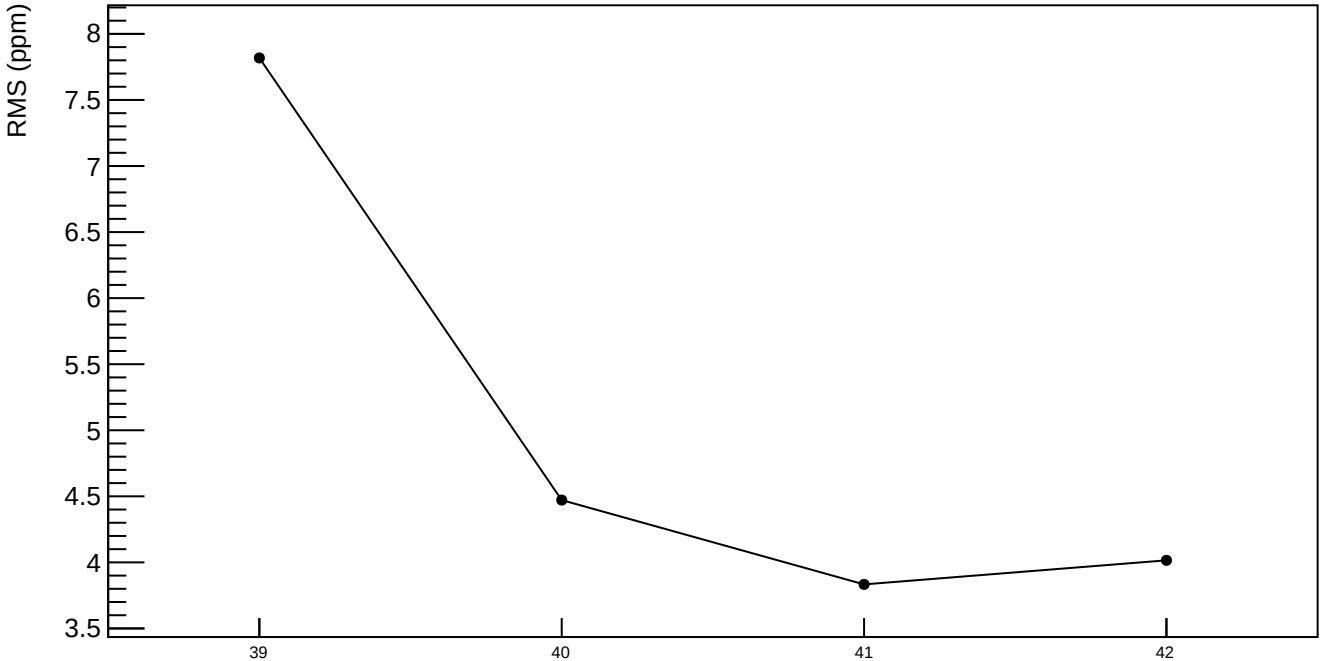

corr_usr_evMon8 (ppb)
χ² / ndf 1.107 / 3
p0 −3.855 ± 4.188
1D pull distribution
Mean 0.02267 ± 0.2628
Std Dev 0.5257 ± 0.1859
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598

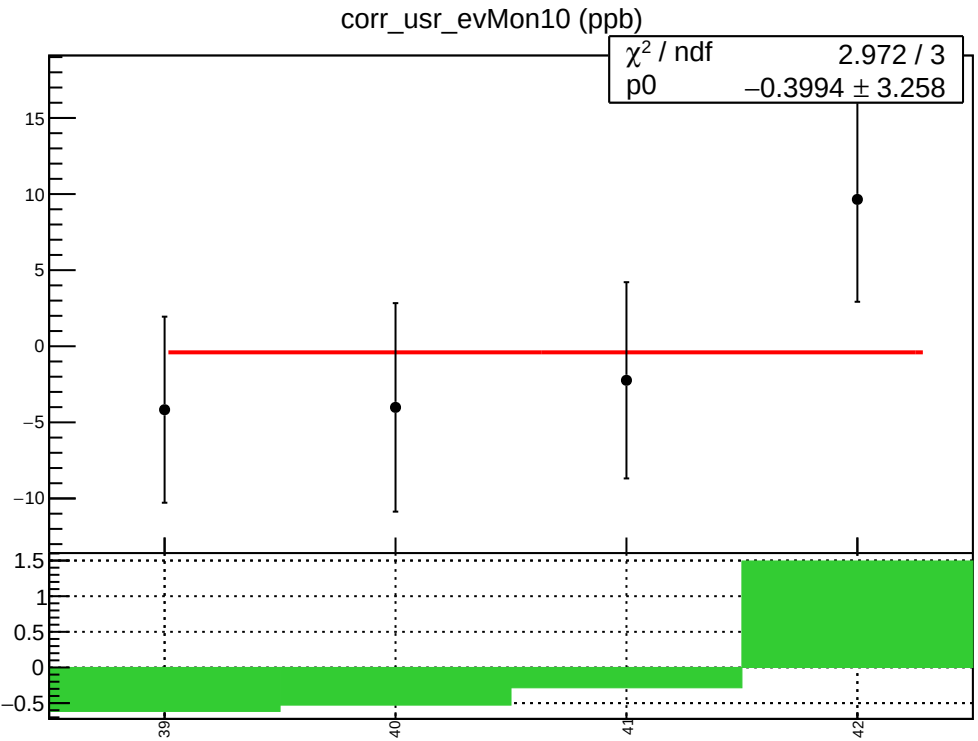

corr_usr_evMon8 RMS (ppm)
RMS (ppm)
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
39
40
41
42

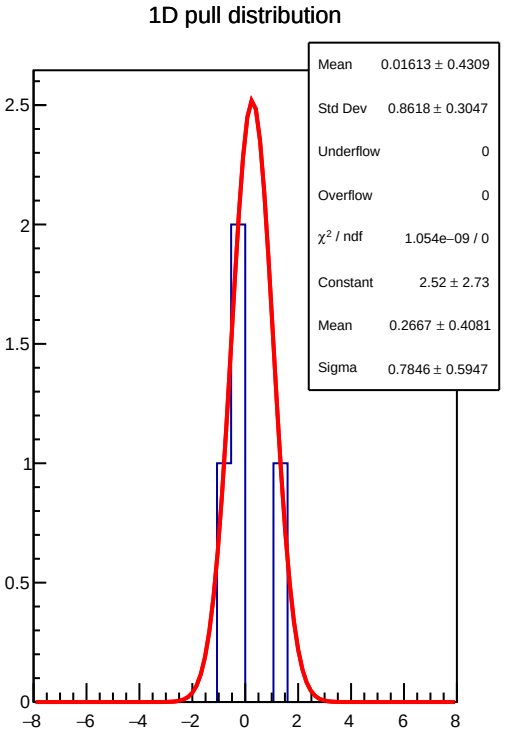

corr_usr_evMon9 (ppb)
χ² / ndf 2.749 / 3
p0 −4.31 ± 3.895
10
5
0
−5
−10
−15
−20
0.5
0
−0.5
−1
39
40
41
42


1D pull distribution
Mean 0.03536 ± 0.4141
Std Dev 0.8282 ± 0.2928
Underflow 0
Overflow 0
χ² / ndf 0.03929 / 0
Constant 460.5 ± 6451.8
Mean 2[illegible].47 ± 49.00
Sigma [illegible].855 ± 6.882
30
25
20
15
10
5
0
−8
−6
−4
−2
0
2
4
6
8

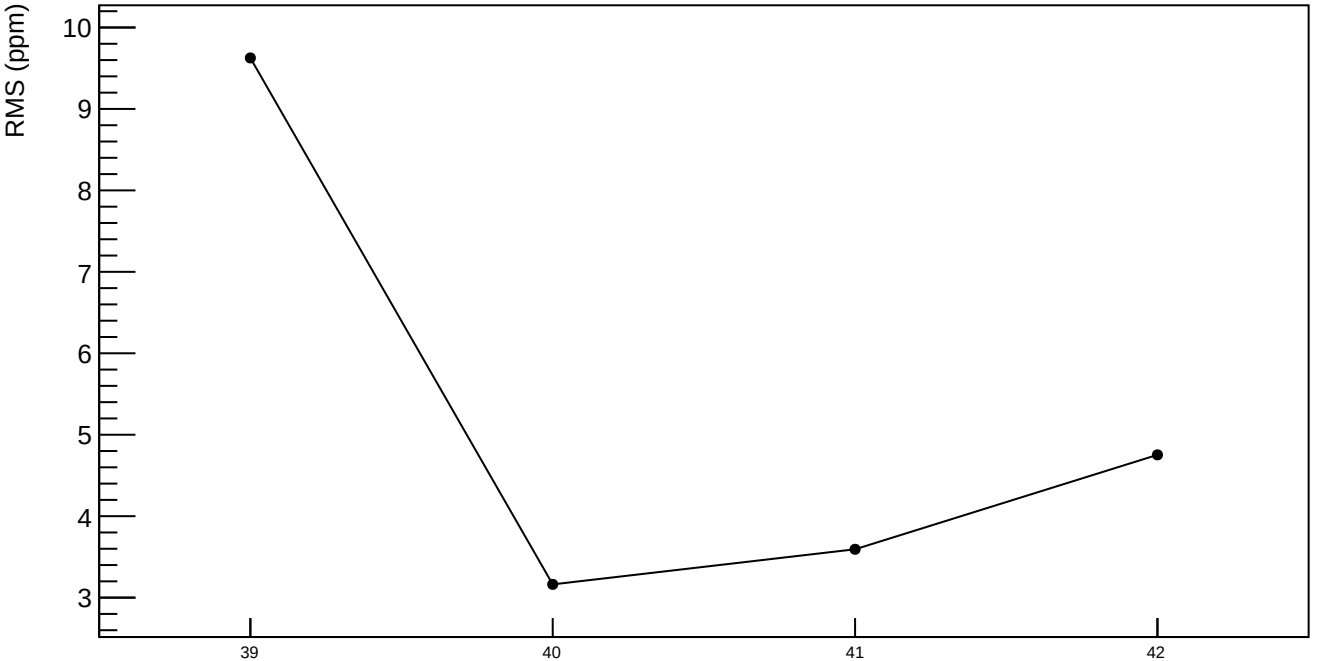
corr_usr_evMon9 RMS (ppm)

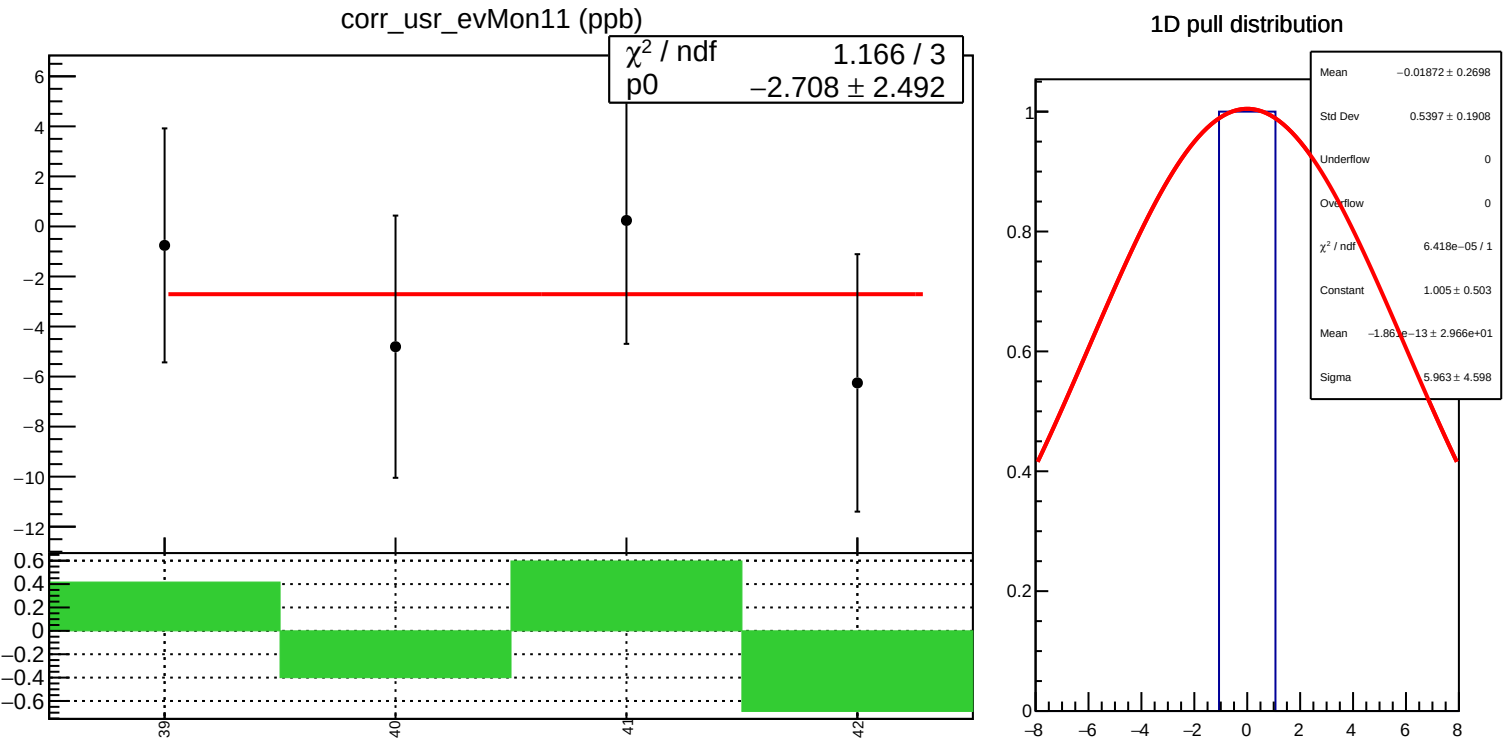
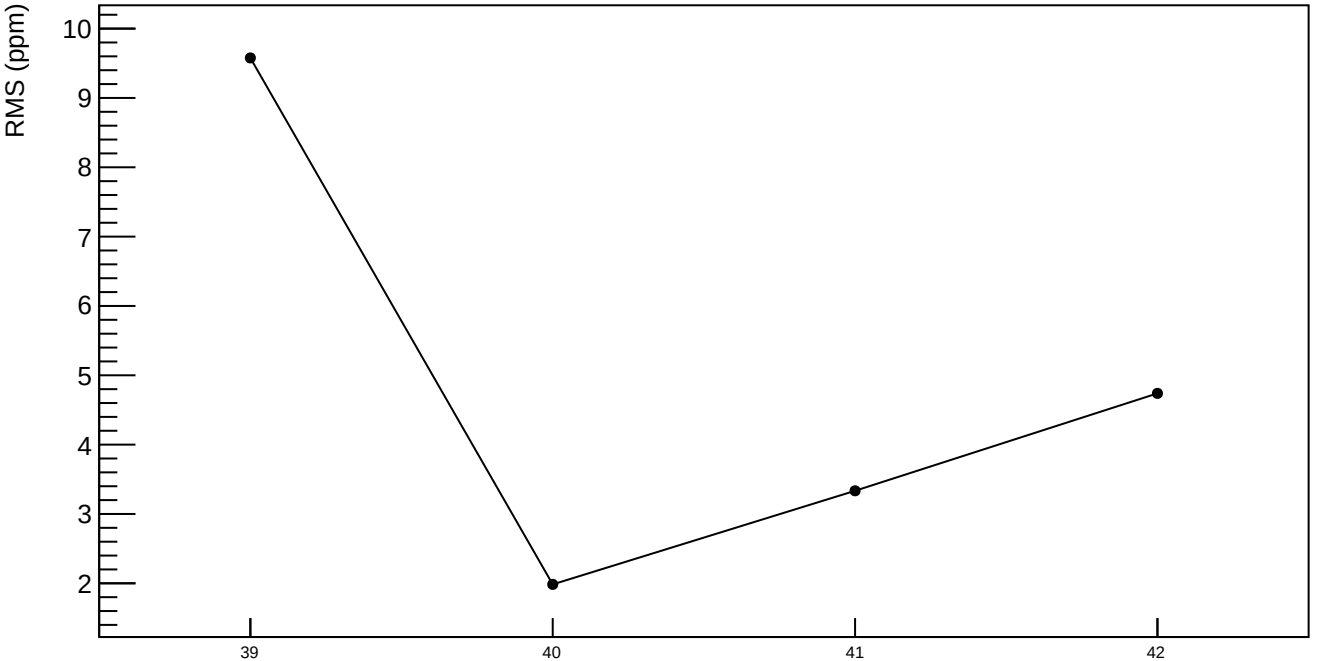



corr_usr_evMon10 (ppb)
χ² / ndf 2.972 / 3
p0 −0.3994 ± 3.258
15
10
5
0
−5
−10
1.5
1
0.5
0
−0.5
39
40
41
42


1D pull distribution
Mean 0.01613 ± 0.4309
Std Dev 0.8618 ± 0.3047
Underflow 0
Overflow 0
χ² / ndf 1.054e−09 / 0
Constant 2.52 ± 2.73
Mean 0.2667 ± 0.4081
Sigma 0.7846 ± 0.5947
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8

corr_usr_evMon10 RMS (ppm)




corr_usr_evMon11 (ppb)
χ² / ndf 1.166 / 3
p0 −2.708 ± 2.492
1D pull distribution
Mean −0.01872 ± 0.2698
Std Dev 0.5397 ± 0.1908
Underflow 0
Overflow 0
χ² / ndf 6.418e−05 / 1
Constant 1.005 ± 0.503
Mean −1.861e−13 ± 2.966e+01
Sigma 5.963 ± 4.598

corr_usr_evMon11 RMS (ppm)