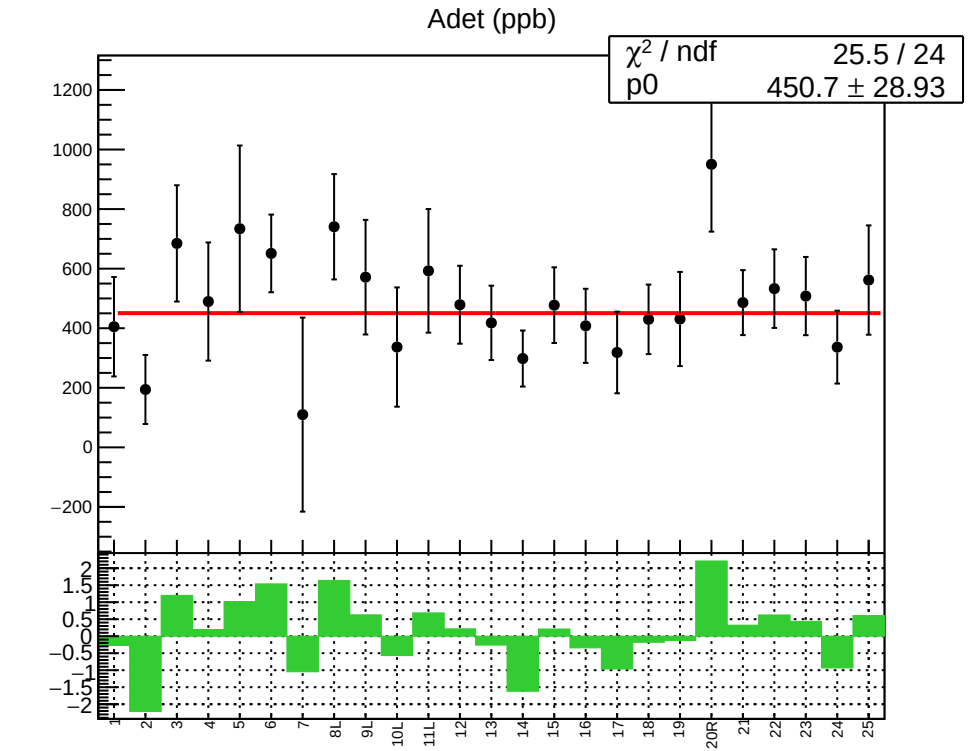
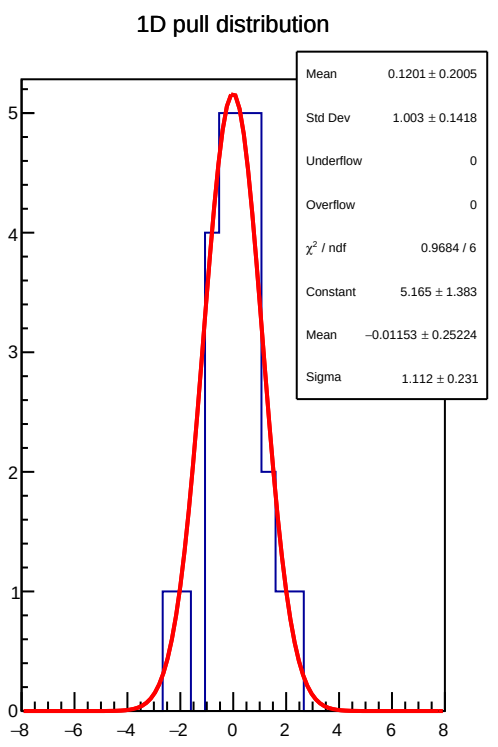
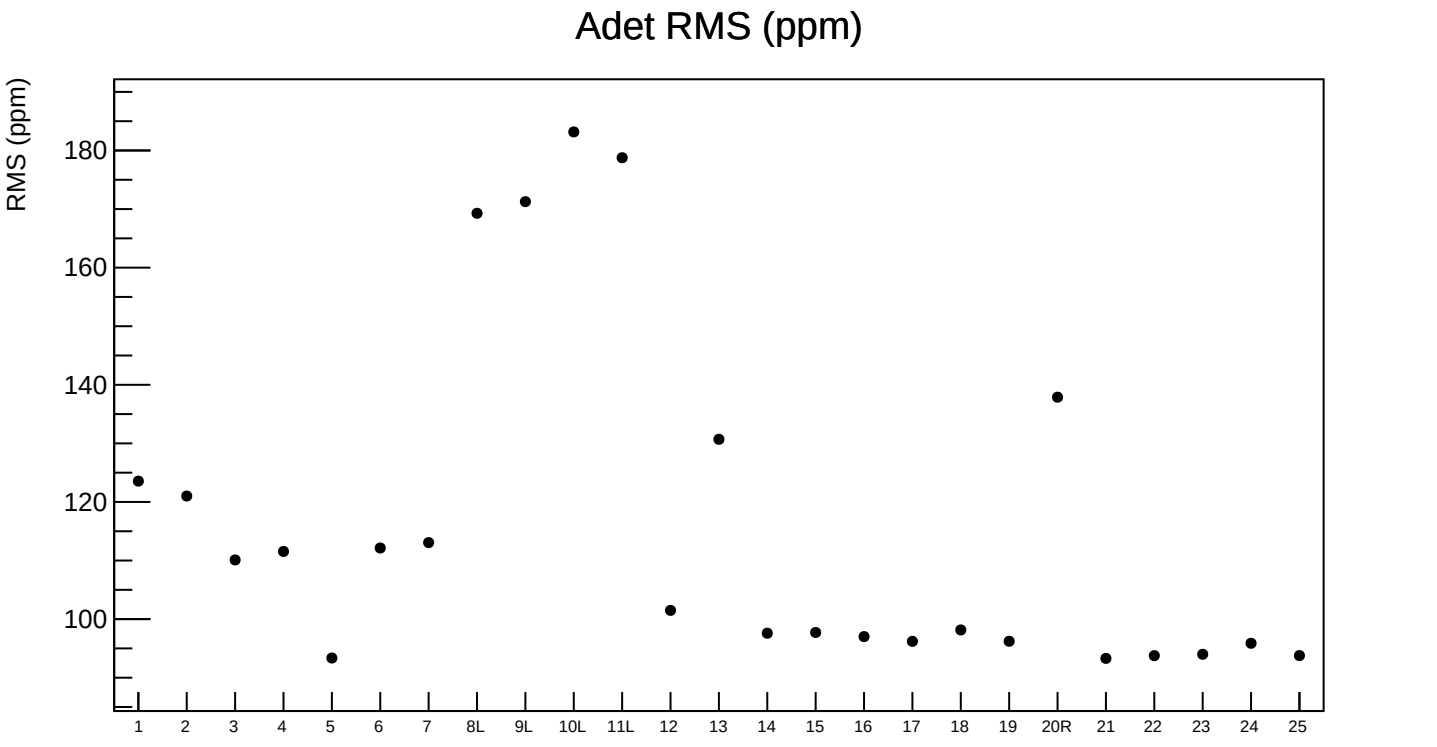
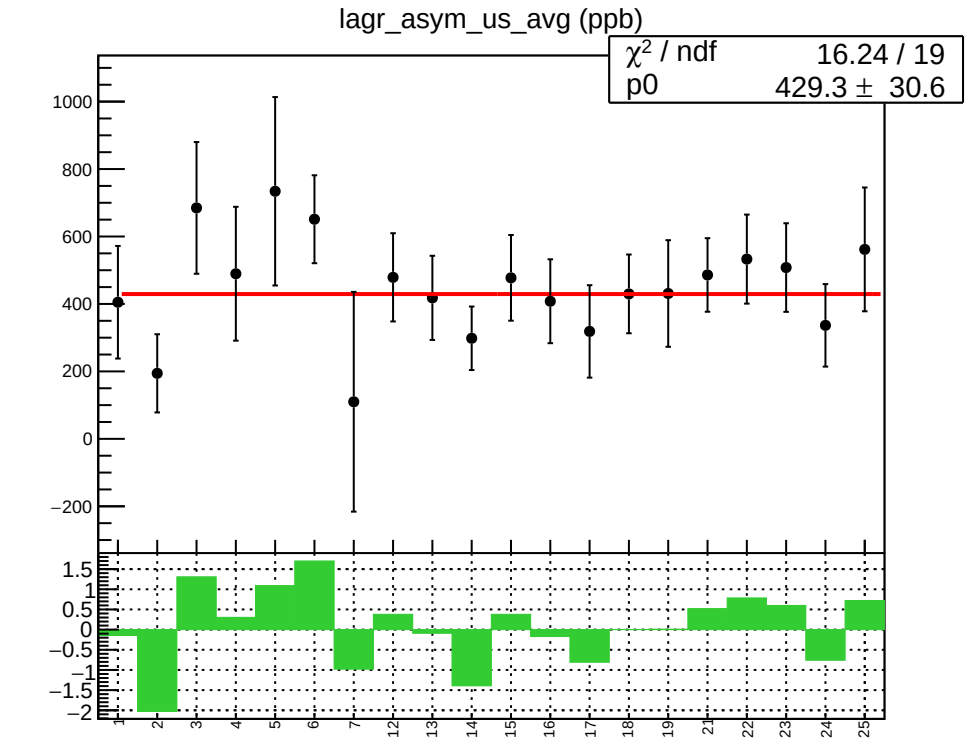
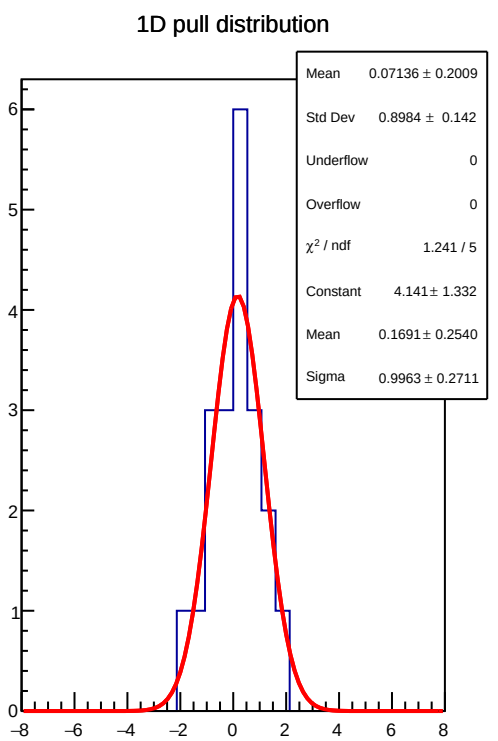
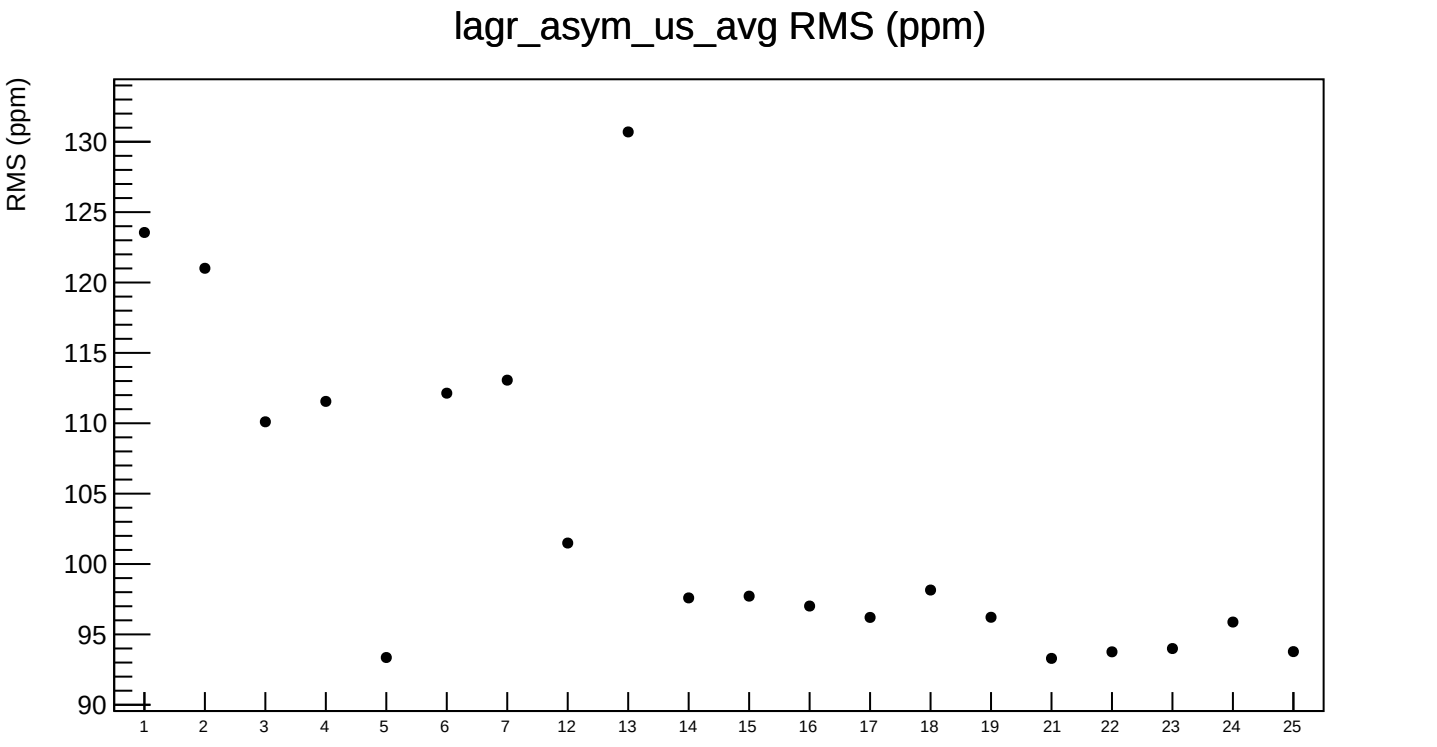

Adet (ppb)
χ² / ndf 25.5 / 24
p0 450.7 ± 28.93
1200
1000
800
600
400
200
0
−200
2
1.5
0.5
0
−0.5
−1
−1.5
−2
1
2
3
4
5
6
7
8L
9L
10L
11L
12
13
14
15
16
17
18
19
20R
21
22
23
24
25

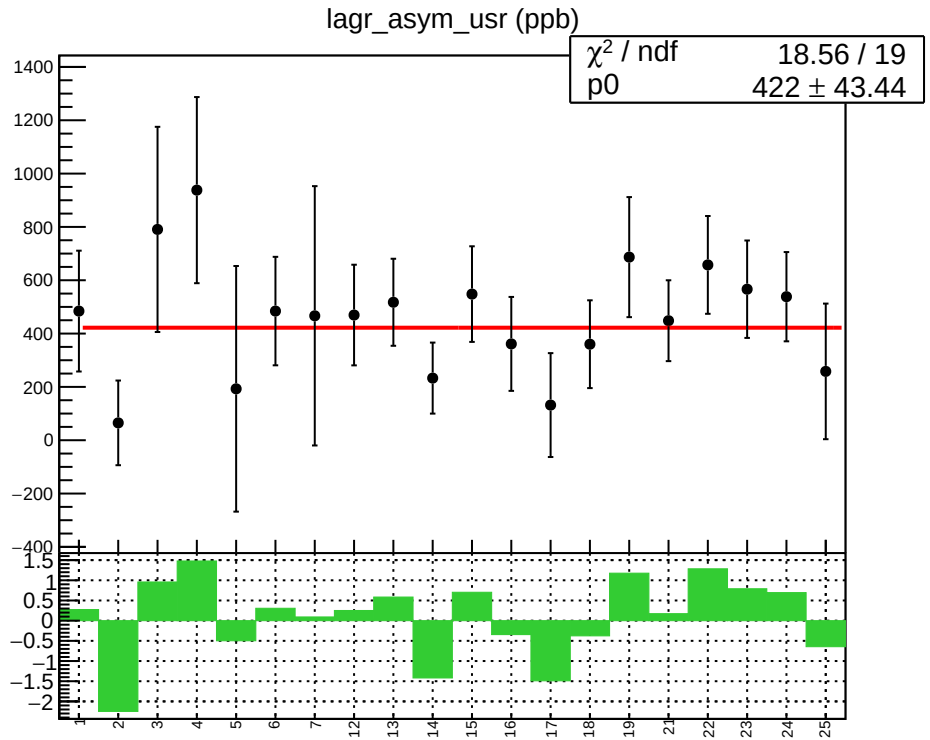

1D pull distribution
Mean 0.1201 ± 0.2005
Std Dev 1.003 ± 0.1418
Underflow 0
Overflow 0
χ² / ndf 0.9684 / 6
Constant 5.165 ± 1.383
Mean −0.01153 ± 0.25224
Sigma 1.112 ± 0.231
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

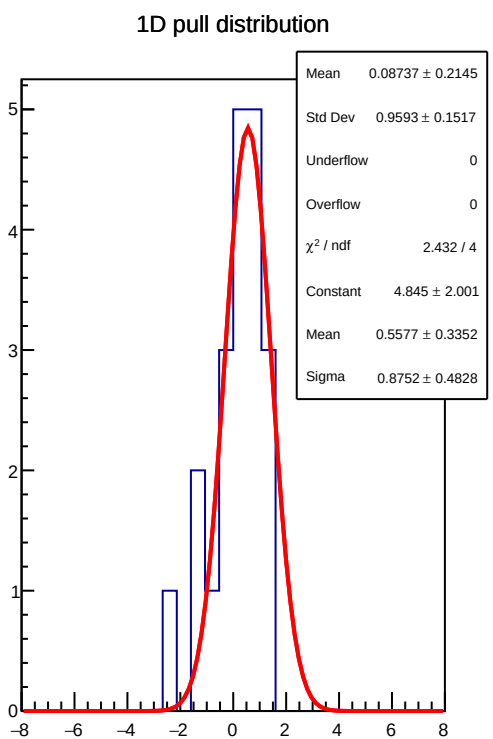

Adet RMS (ppm)
RMS (ppm)
180
160
140
120
100
1
2
3
4
5
6
7
8L
9L
10L
11L
12
13
14
15
16
17
18
19
20R
21
22
23
24
25

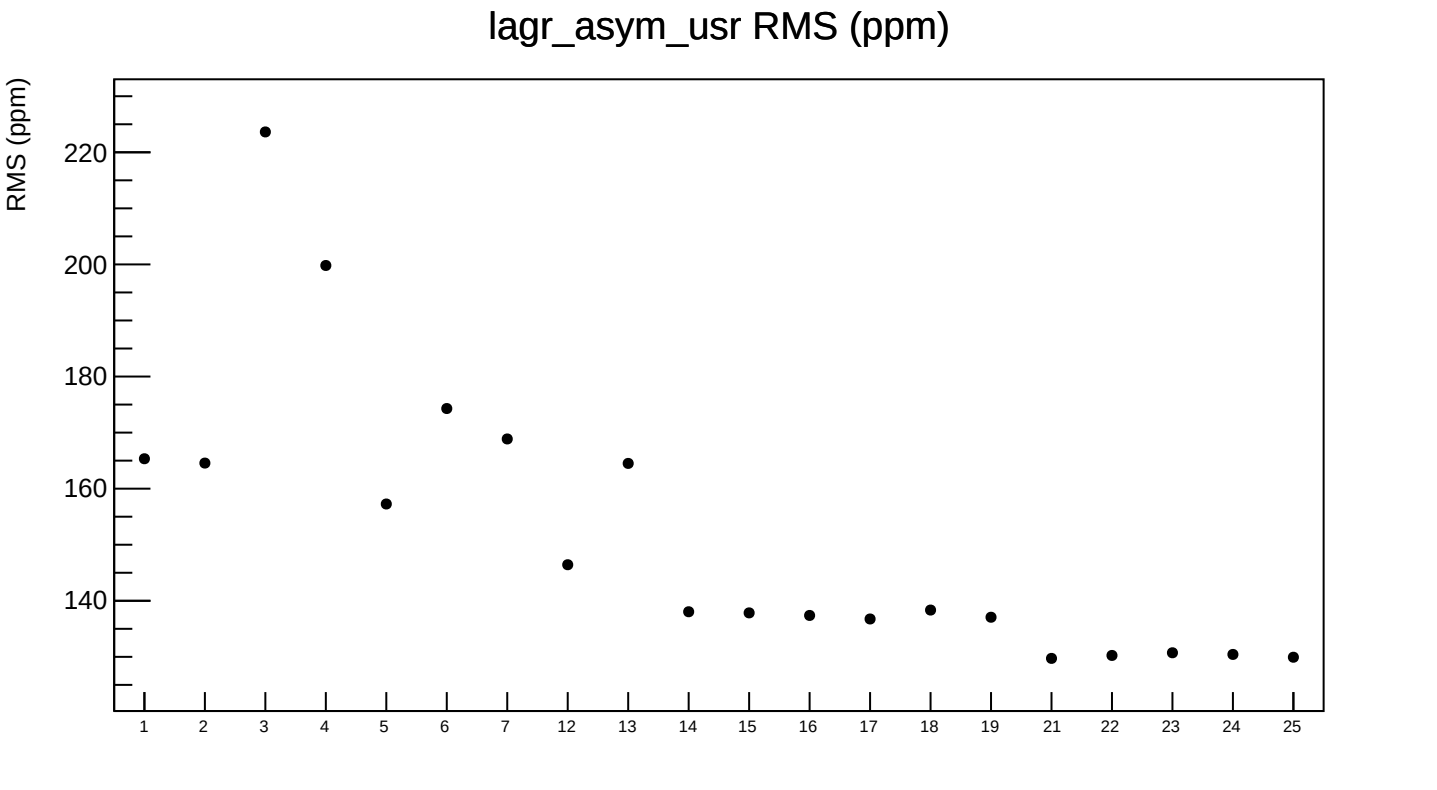

lagr_asym_us_avg (ppb)
χ² / ndf 16.24 / 19
p0 429.3 ± 30.6
1000
800
600
400
200
0
−200
1.5
1
0.5
0
−0.5
−1
−1.5
−2
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25

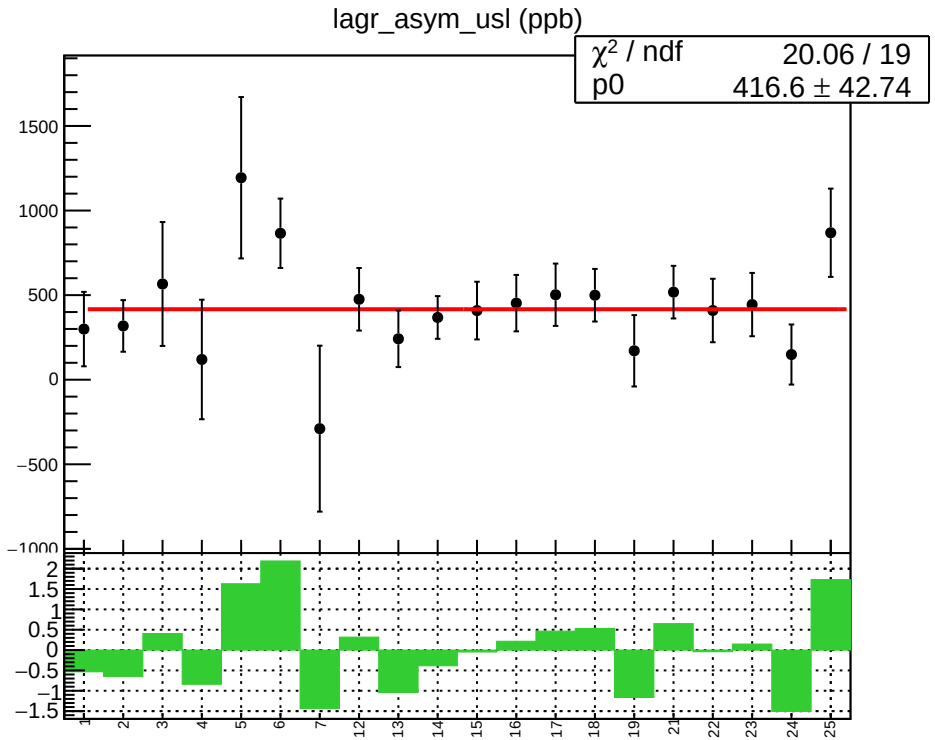

1D pull distribution
Mean 0.07136 ± 0.2009
Std Dev 0.8984 ± 0.142
Underflow 0
Overflow 0
χ² / ndf 1.241 / 5
Constant 4.141 ± 1.332
Mean 0.1691 ± 0.2540
Sigma 0.9963 ± 0.2711
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8

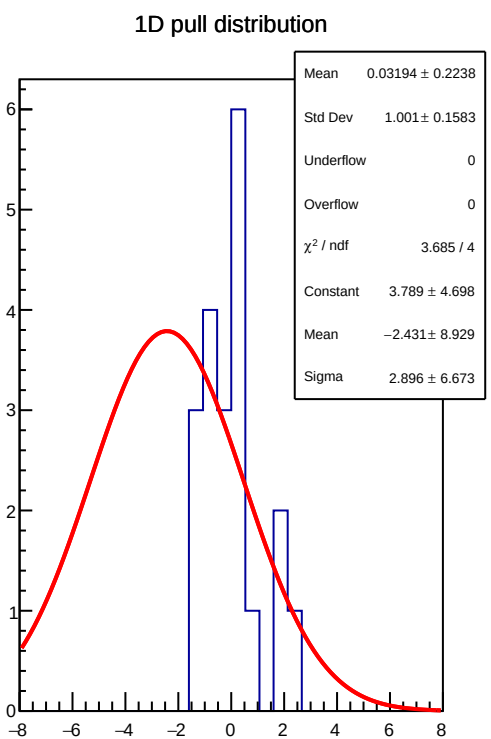

lagr_asym_us_avg RMS (ppm)
RMS (ppm)
130
125
120
115
110
105
100
95
90
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25

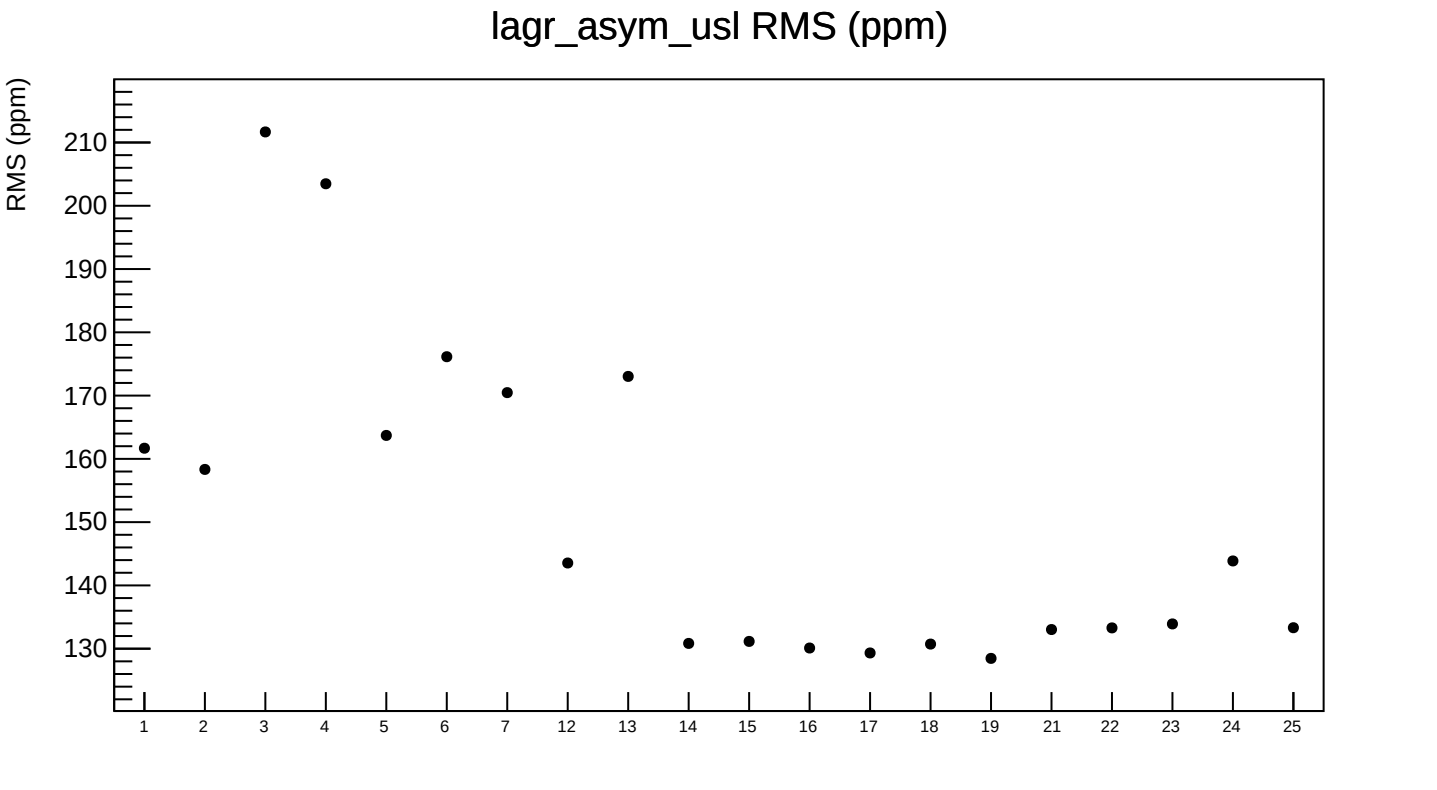

lagr_asym_usr (ppb)
χ² / ndf 18.56 / 19
p0 422 ± 43.44

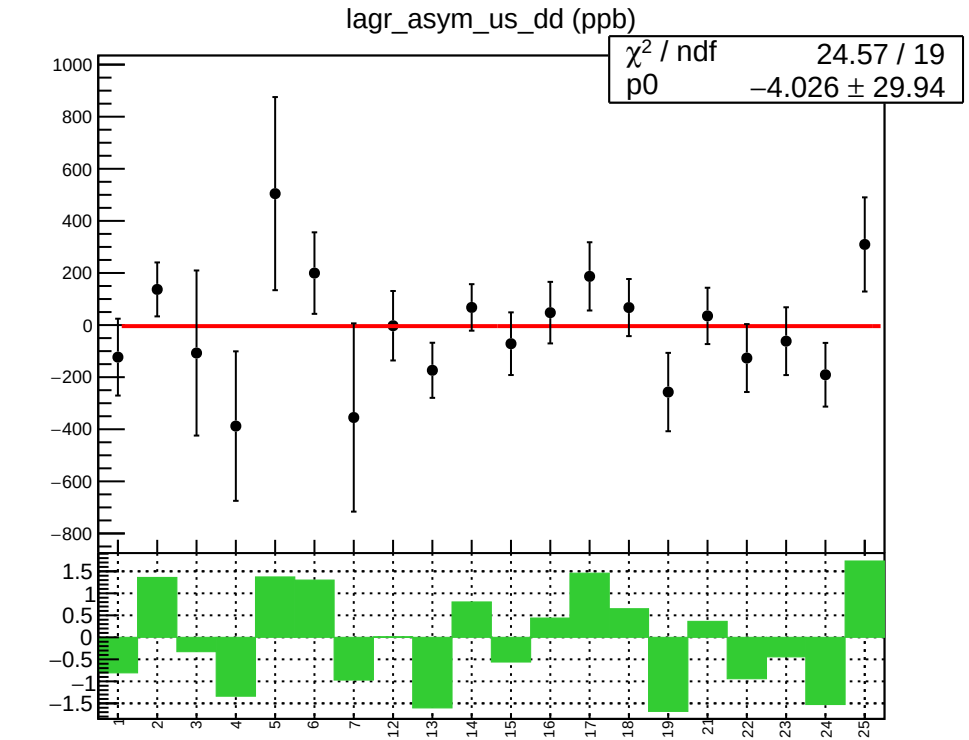

1D pull distribution
Mean 0.08737 ± 0.2145
Std Dev 0.9593 ± 0.1517
Underflow 0
Overflow 0
χ² / ndf 2.432 / 4
Constant 4.845 ± 2.001
Mean 0.5577 ± 0.3352
Sigma 0.8752 ± 0.4828

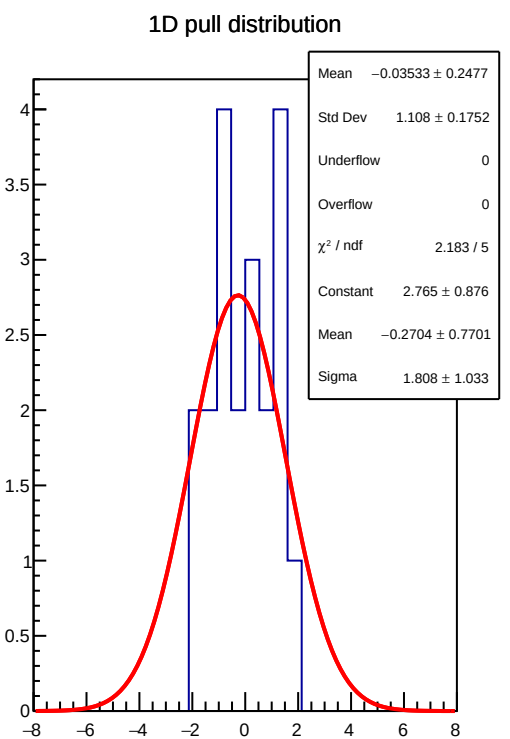

lagr_asym_usr RMS (ppm)
RMS (ppm)
220
200
180
160
140
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25

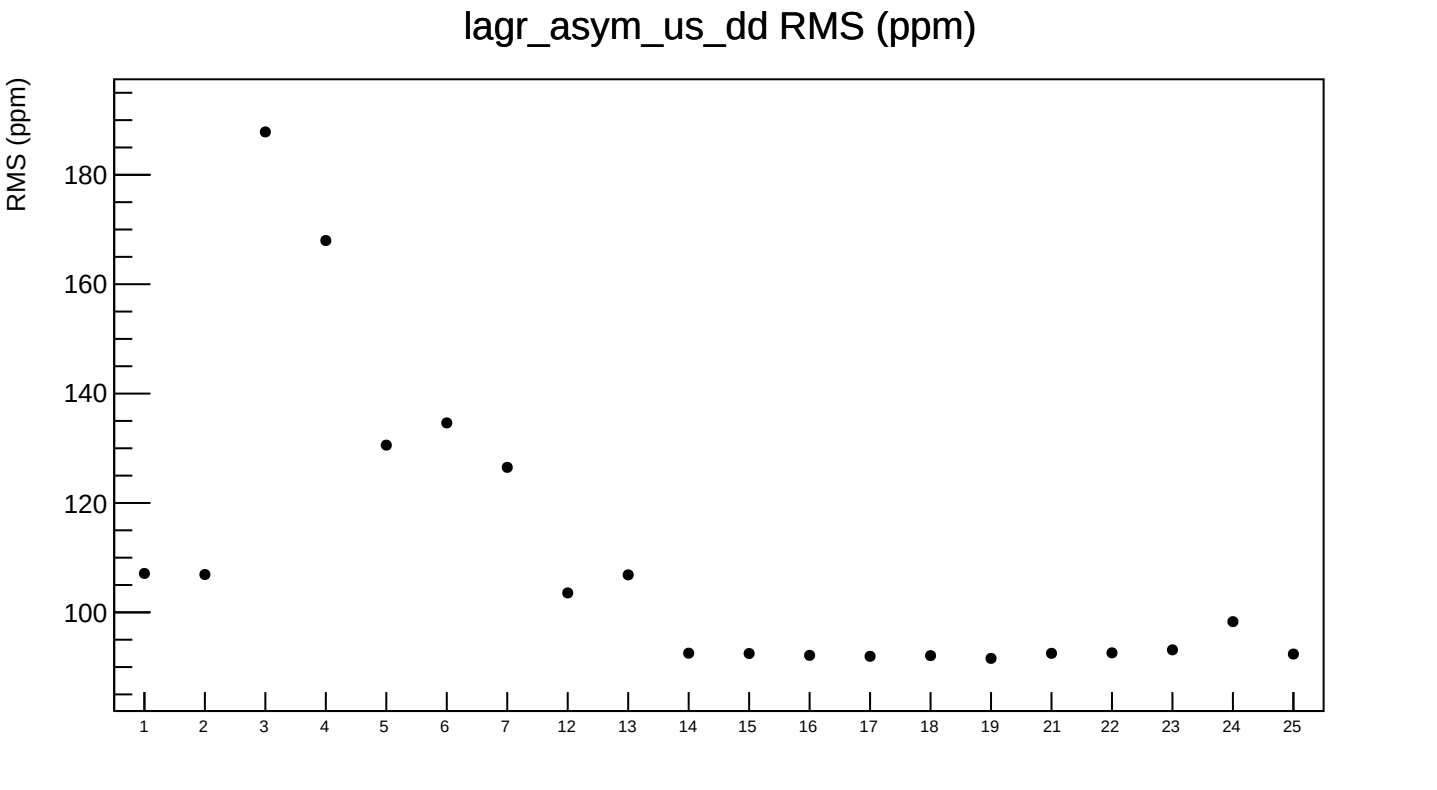

lagr_asym_usl (ppb)
χ² / ndf 20.06 / 19
p0 416.6 ± 42.74
1500
1000
500
0
−500
−1000
2
1.5
1
0.5
0
−0.5
−1
−1.5
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25


1D pull distribution
Mean 0.03194 ± 0.2238
Std Dev 1.001± 0.1583
Underflow 0
Overflow 0
χ² / ndf 3.685 / 4
Constant 3.789 ± 4.698
Mean −2.431± 8.929
Sigma 2.896 ± 6.673
6
5
4
3
2
1
0
−8
−6
−4
−2
0
2
4
6
8


lagr_asym_usl RMS (ppm)
RMS (ppm)
210
200
190
180
170
160
150
140
130
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25


lagr_asym_us_dd (ppb)
χ² / ndf 24.57 / 19
p0 −4.026 ± 29.94
1000
800
600
400
200
0
−200
−400
−600
−800
1.5
1
0.5
0
−0.5
−1
−1.5
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25


1D pull distribution
Mean −0.03533 ± 0.2477
Std Dev 1.108 ± 0.1752
Underflow 0
Overflow 0
χ² / ndf 2.183 / 5
Constant 2.765 ± 0.876
Mean −0.2704 ± 0.7701
Sigma 1.808 ± 1.033
4
3.5
3
2.5
2
1.5
1
0.5
0
−8
−6
−4
−2
0
2
4
6
8


lagr_asym_us_dd RMS (ppm)
RMS (ppm)
180
160
140
120
100
1
2
3
4
5
6
7
12
13
14
15
16
17
18
19
21
22
23
24
25