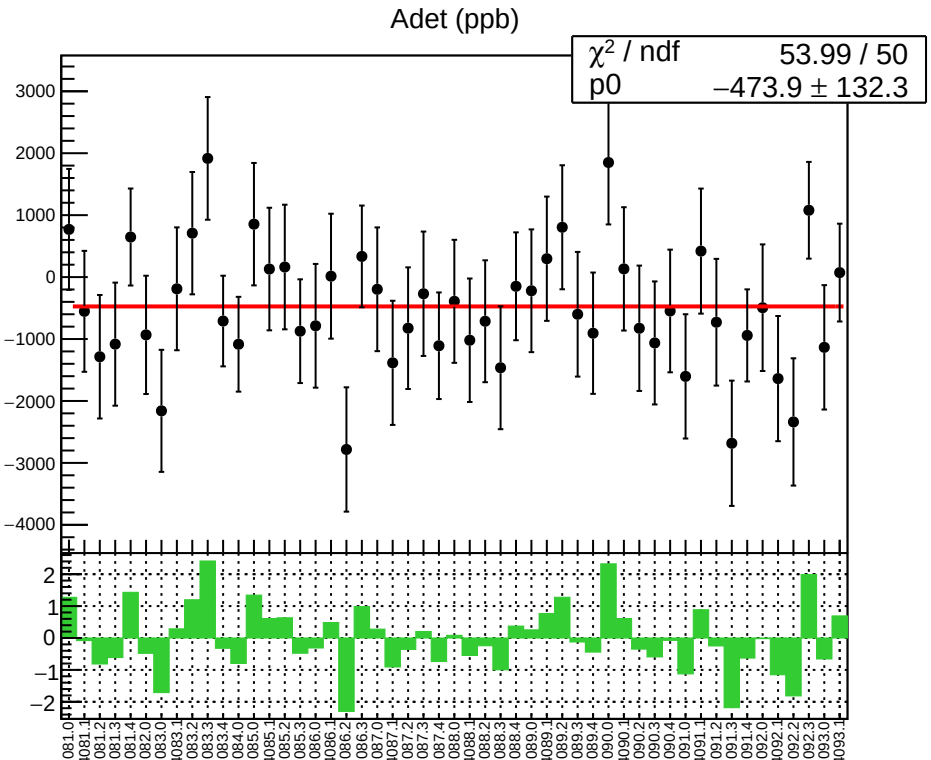
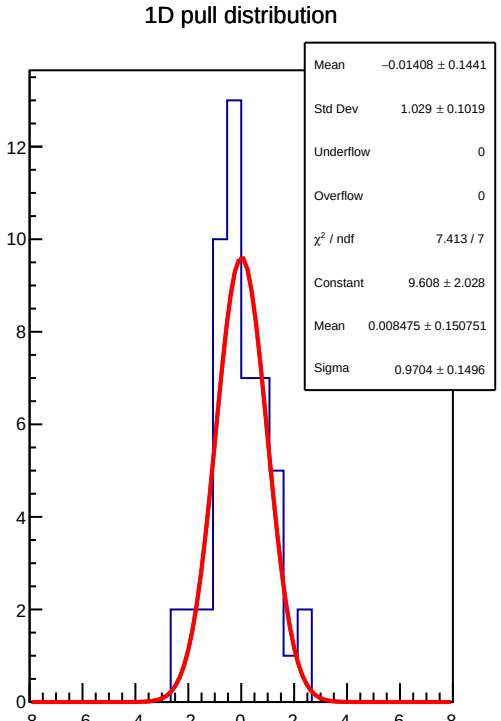
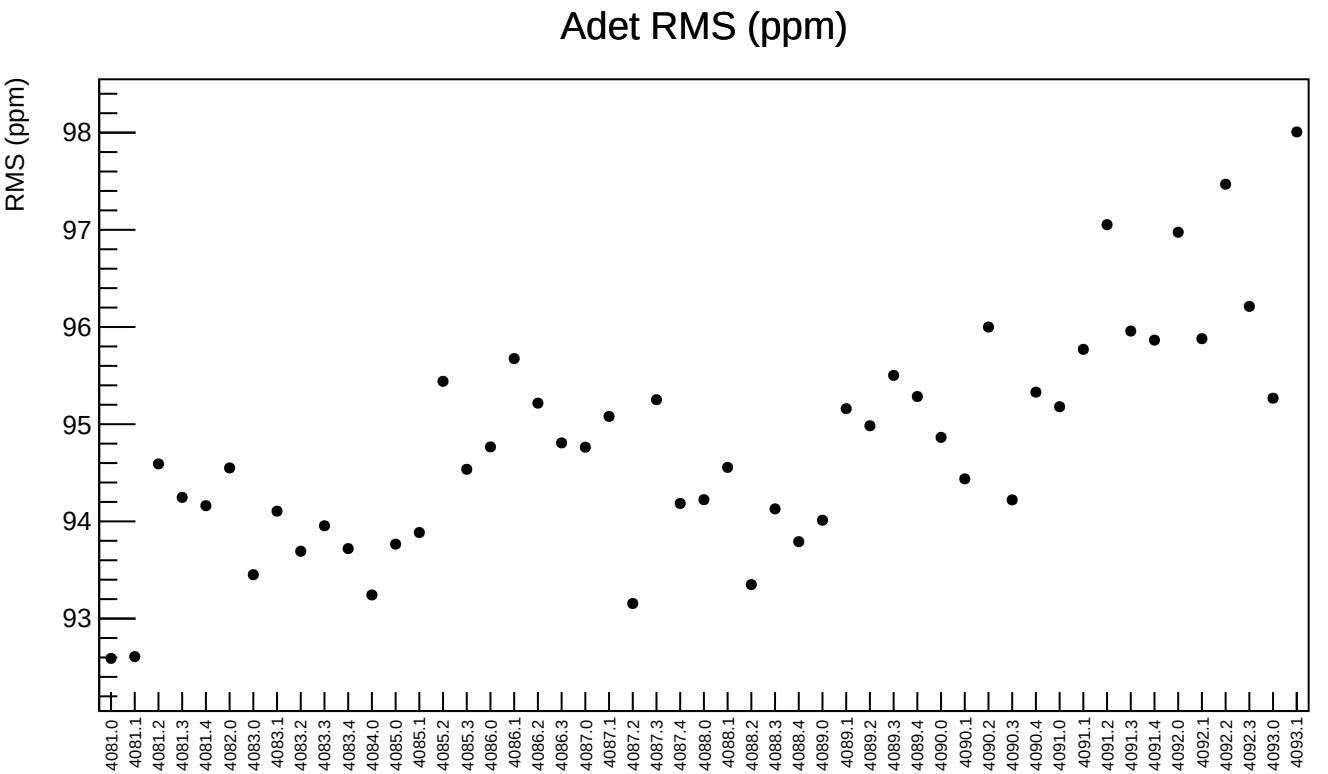
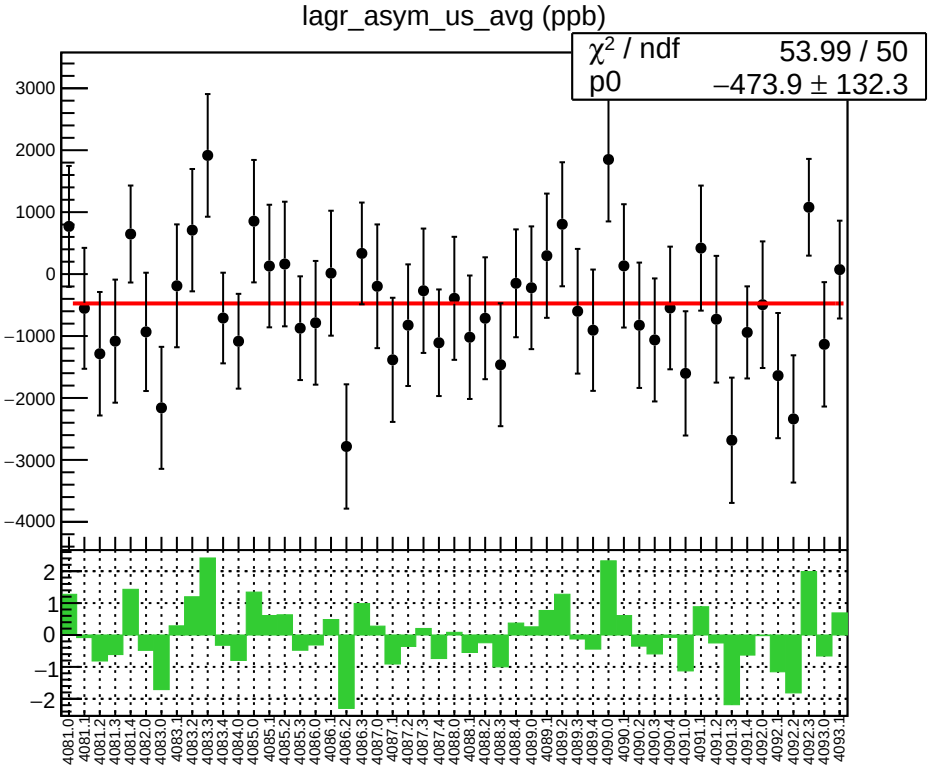
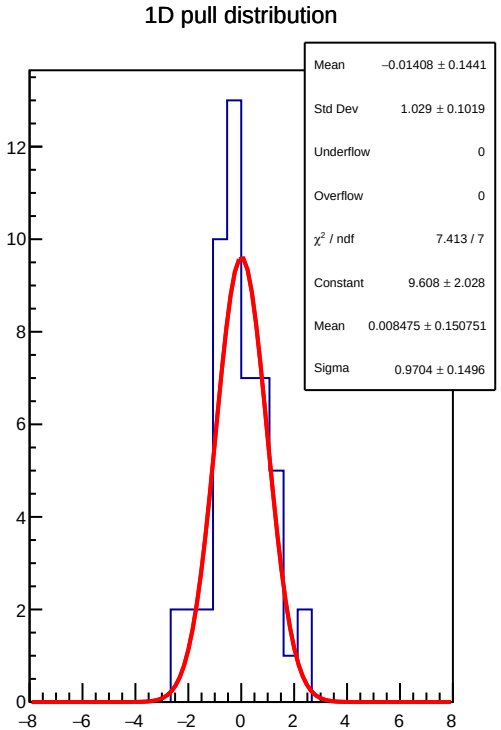
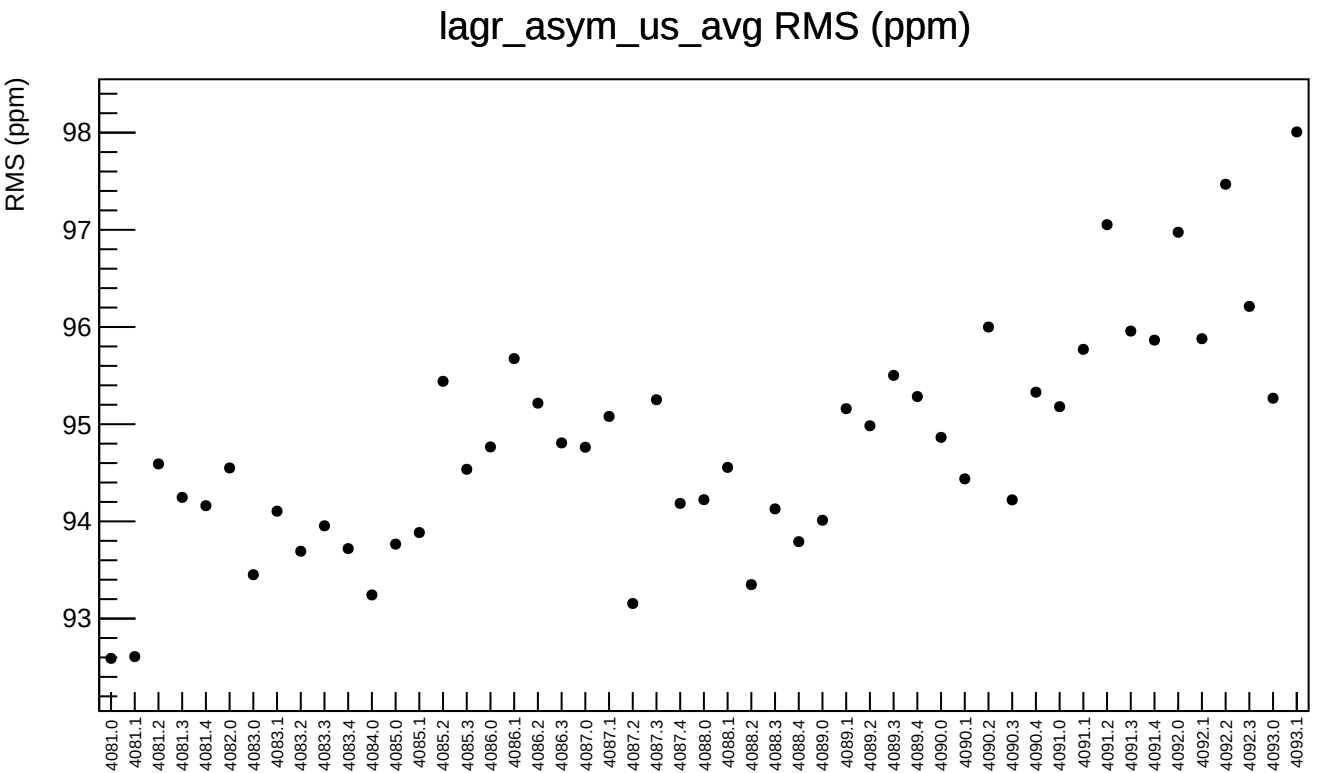

Adet (ppb)
χ² / ndf 53.99 / 50
p0 −473.9 ± 132.3
3000
2000
1000
0
−1000
−2000
−3000
−4000
2
1
0
−1
−2
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1

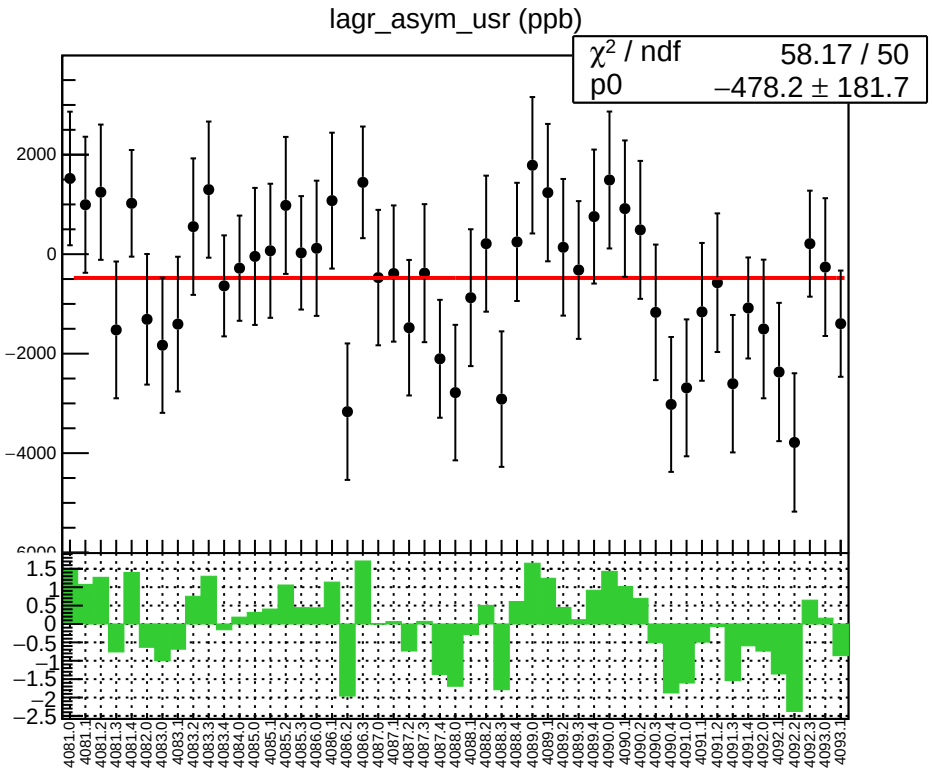

1D pull distribution
Mean −0.01408 ± 0.1441
Std Dev 1.029 ± 0.1019
Underflow 0
Overflow 0
χ² / ndf 7.413 / 7
Constant 9.608 ± 2.028
Mean 0.008475 ± 0.150751
Sigma 0.9704 ± 0.1496
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

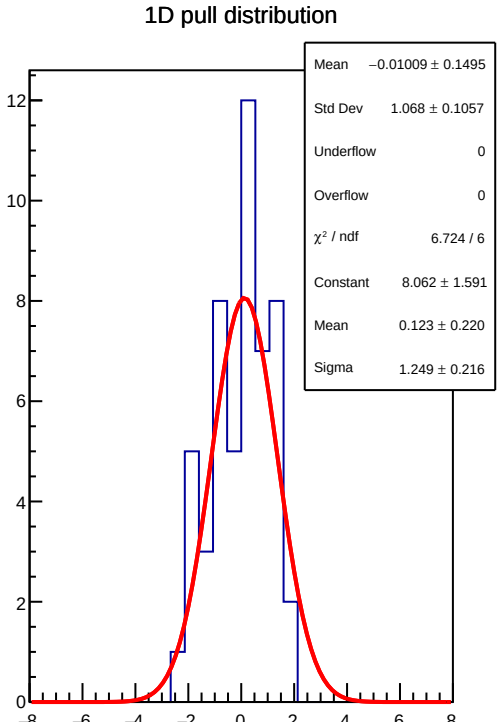

Adet RMS (ppm)
RMS (ppm)
98
97
96
95
94
93
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1

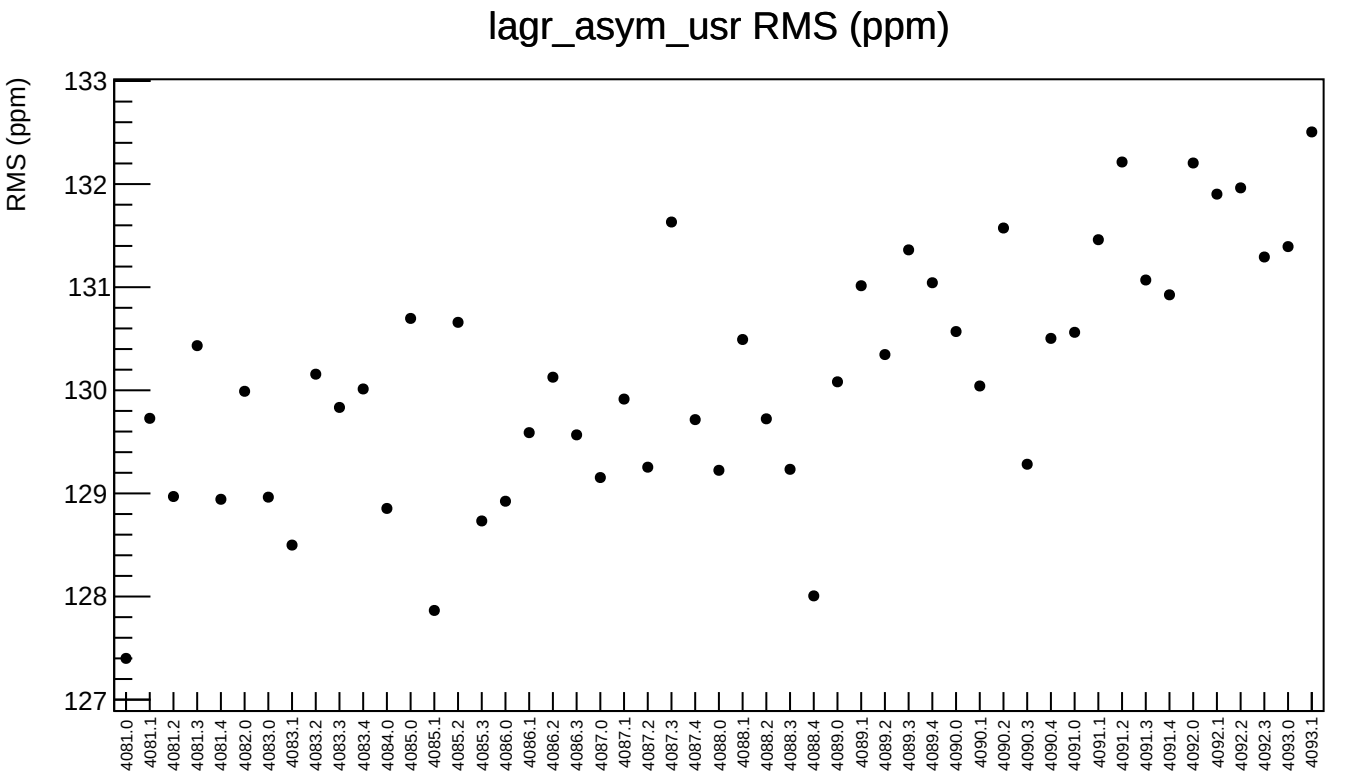

lagr_asym_us_avg (ppb)
χ² / ndf 53.99 / 50
p0 −473.9 ± 132.3

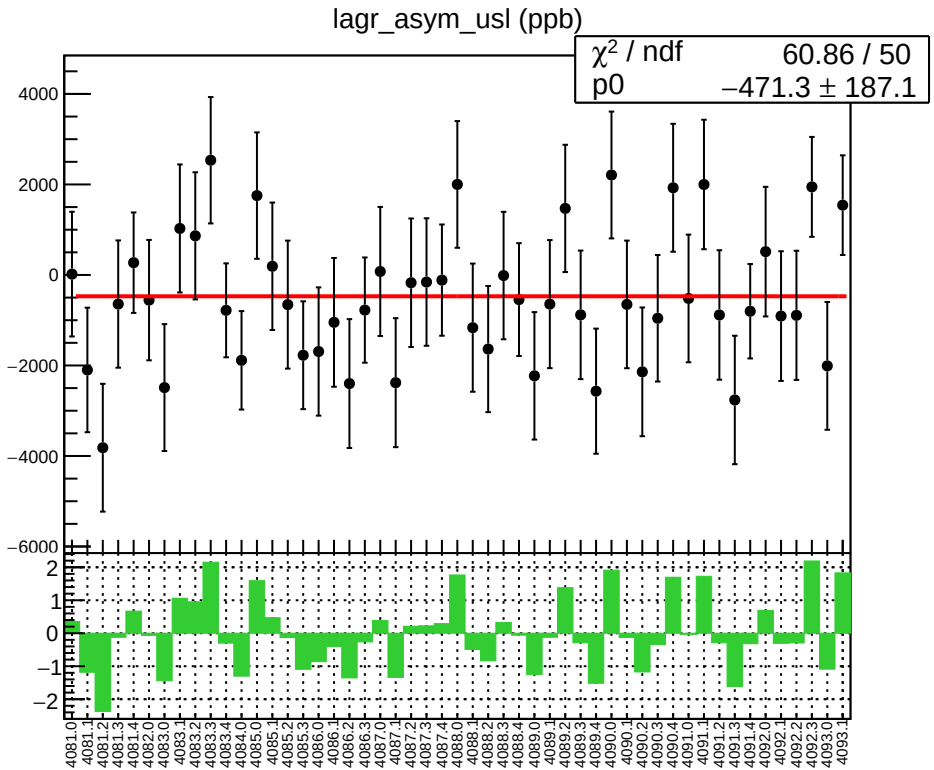

1D pull distribution
Mean −0.01408 ± 0.1441
Std Dev 1.029 ± 0.1019
Underflow 0
Overflow 0
χ² / ndf 7.413 / 7
Constant 9.608 ± 2.028
Mean 0.008475 ± 0.150751
Sigma 0.9704 ± 0.1496

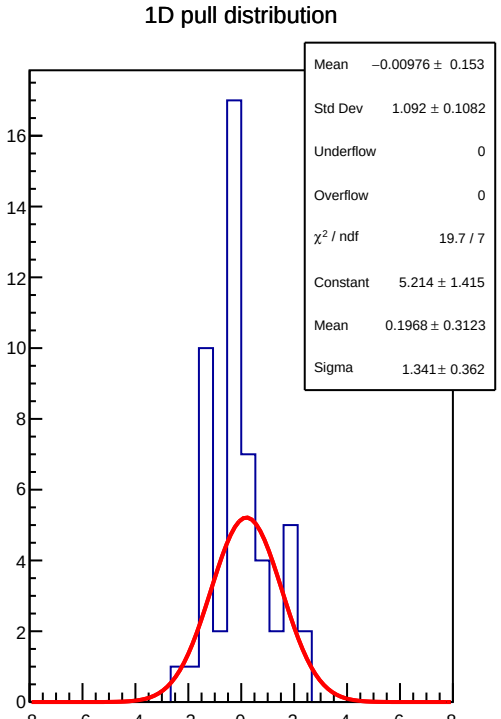

lagr_asym_us_avg RMS (ppm)
RMS (ppm)
98
97
96
95
94
93
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1

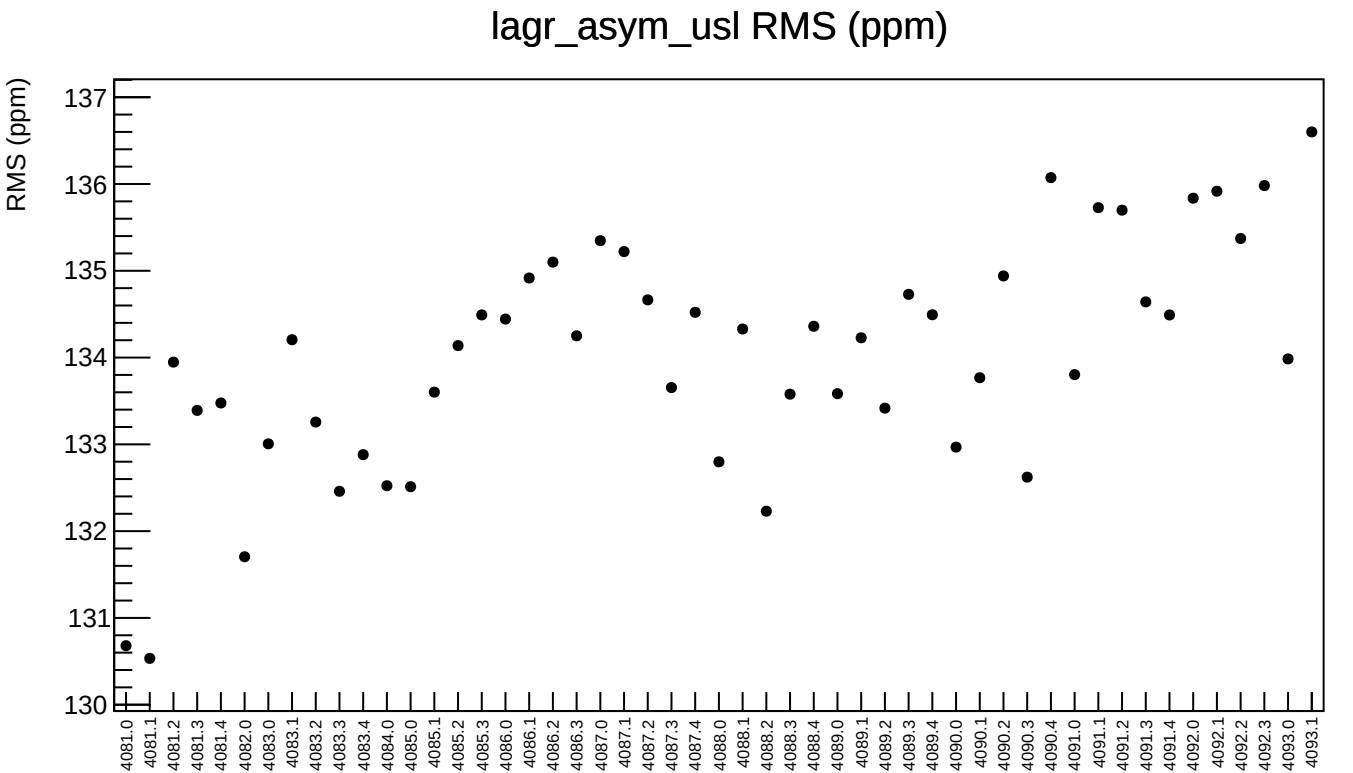

lagr_asym_usr (ppb)
χ² / ndf 58.17 / 50
p0 −478.2 ± 181.7
2000
0
−2000
−4000
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1

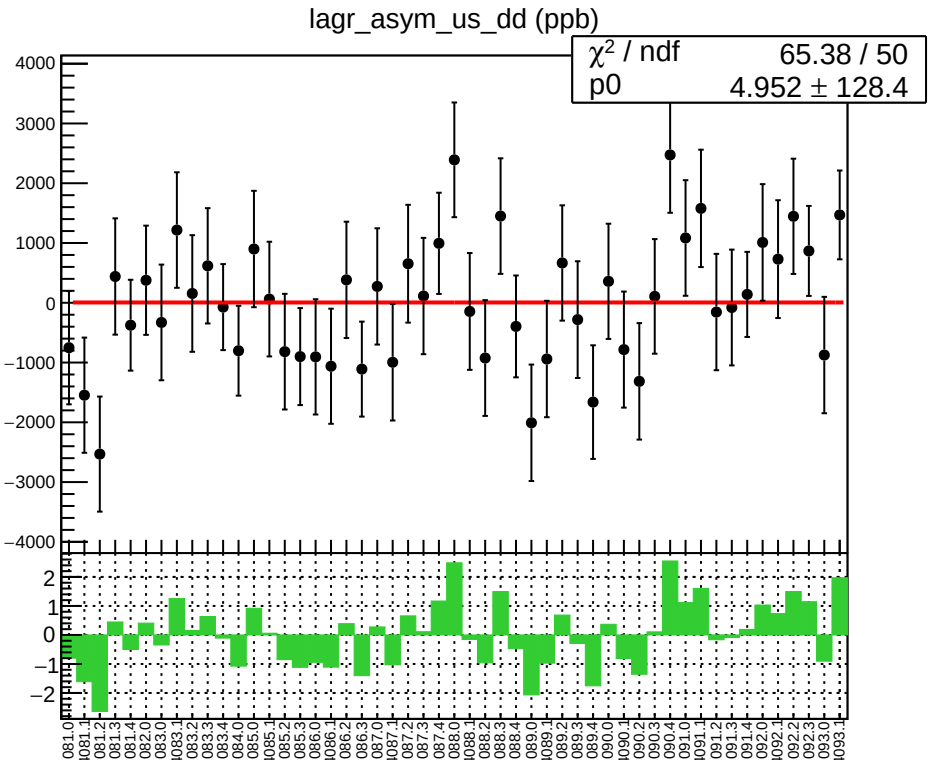

1D pull distribution
Mean −0.01009 ± 0.1495
Std Dev 1.068 ± 0.1057
Underflow 0
Overflow 0
χ² / ndf 6.724 / 6
Constant 8.062 ± 1.591
Mean 0.123 ± 0.220
Sigma 1.249 ± 0.216
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8

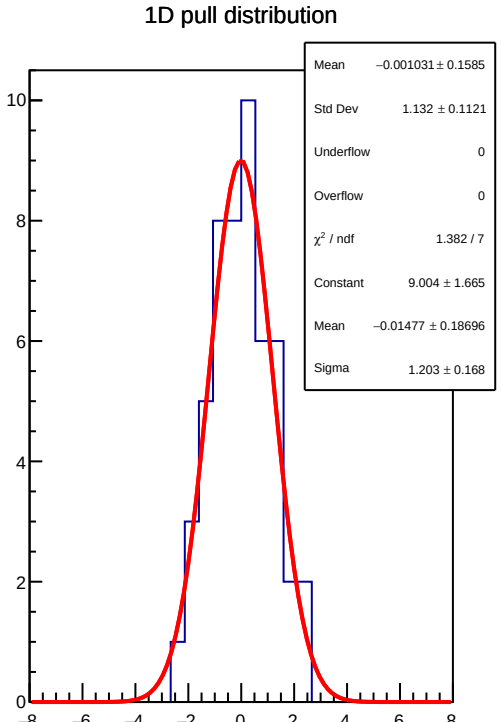

lagr_asym_usr RMS (ppm)
RMS (ppm)
133
132
131
130
129
128
127
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1

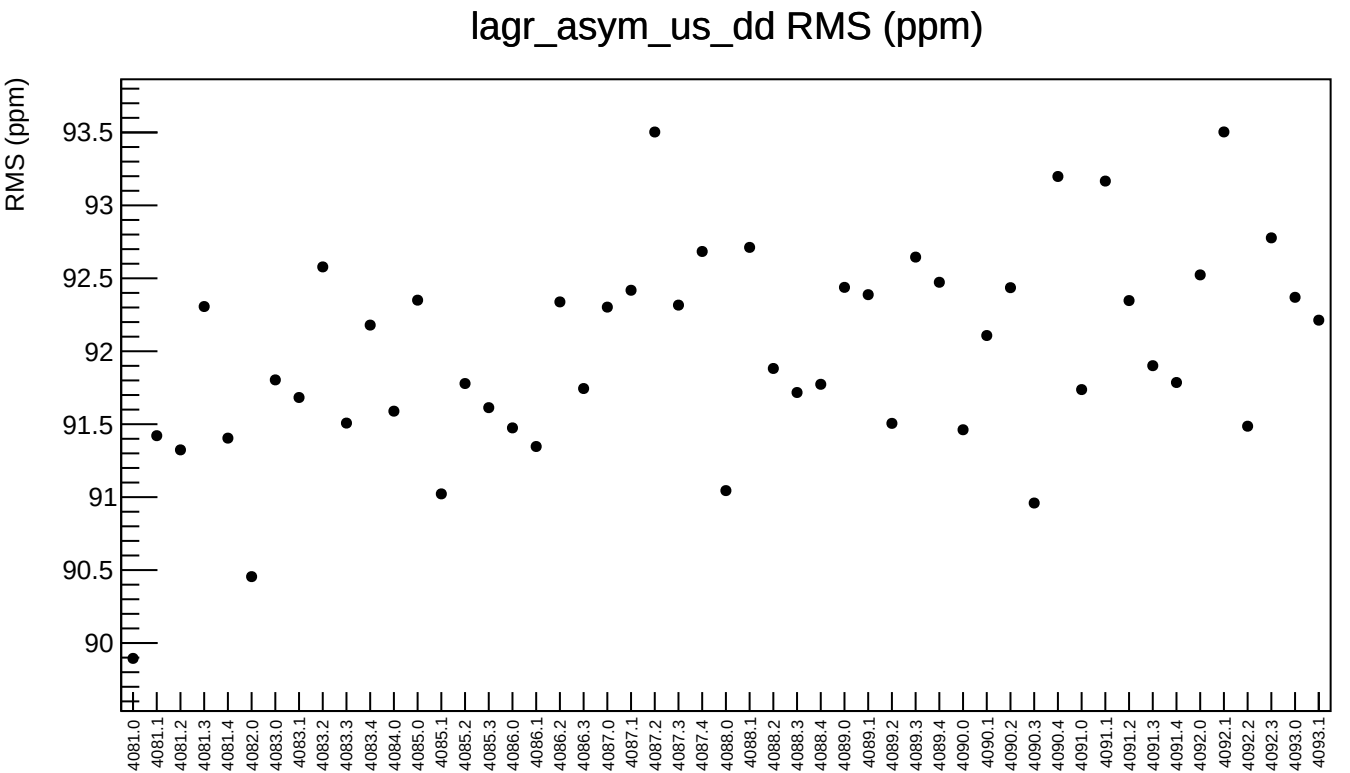

lagr_asym_usl (ppb)
χ² / ndf 60.86 / 50
p0 −471.3 ± 187.1
4000
2000
0
−2000
−4000
−6000
2
1
0
−1
−2
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1


1D pull distribution
Mean −0.00976 ± 0.153
Std Dev 1.092 ± 0.1082
Underflow 0
Overflow 0
χ² / ndf 19.7 / 7
Constant 5.214 ± 1.415
Mean 0.1968 ± 0.3123
Sigma 1.341 ± 0.362
16
14
12
10
8
6
4
2
0
−8
−6
−4
−2
0
2
4
6
8


lagr_asym_usl RMS (ppm)
RMS (ppm)
137
136
135
134
133
132
131
130
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1


lagr_asym_us_dd (ppb)
χ² / ndf 65.38 / 50
p0 4.952 ± 128.4


1D pull distribution
Mean −0.001031 ± 0.1585
Std Dev 1.132 ± 0.1121
Underflow 0
Overflow 0
χ² / ndf 1.382 / 7
Constant 9.004 ± 1.665
Mean −0.01477 ± 0.18696
Sigma 1.203 ± 0.168


lagr_asym_us_dd RMS (ppm)
RMS (ppm)
93.5
93
92.5
92
91.5
91
90.5
90
4081.0
4081.1
4081.2
4081.3
4081.4
4082.0
4083.0
4083.1
4083.2
4083.3
4083.4
4084.0
4085.0
4085.1
4085.2
4085.3
4086.0
4086.1
4086.2
4086.3
4087.0
4087.1
4087.2
4087.3
4087.4
4088.0
4088.1
4088.2
4088.3
4088.4
4089.0
4089.1
4089.2
4089.3
4089.4
4090.0
4090.1
4090.2
4090.3
4090.4
4091.0
4091.1
4091.2
4091.3
4091.4
4092.0
4092.1
4092.2
4092.3
4093.0
4093.1