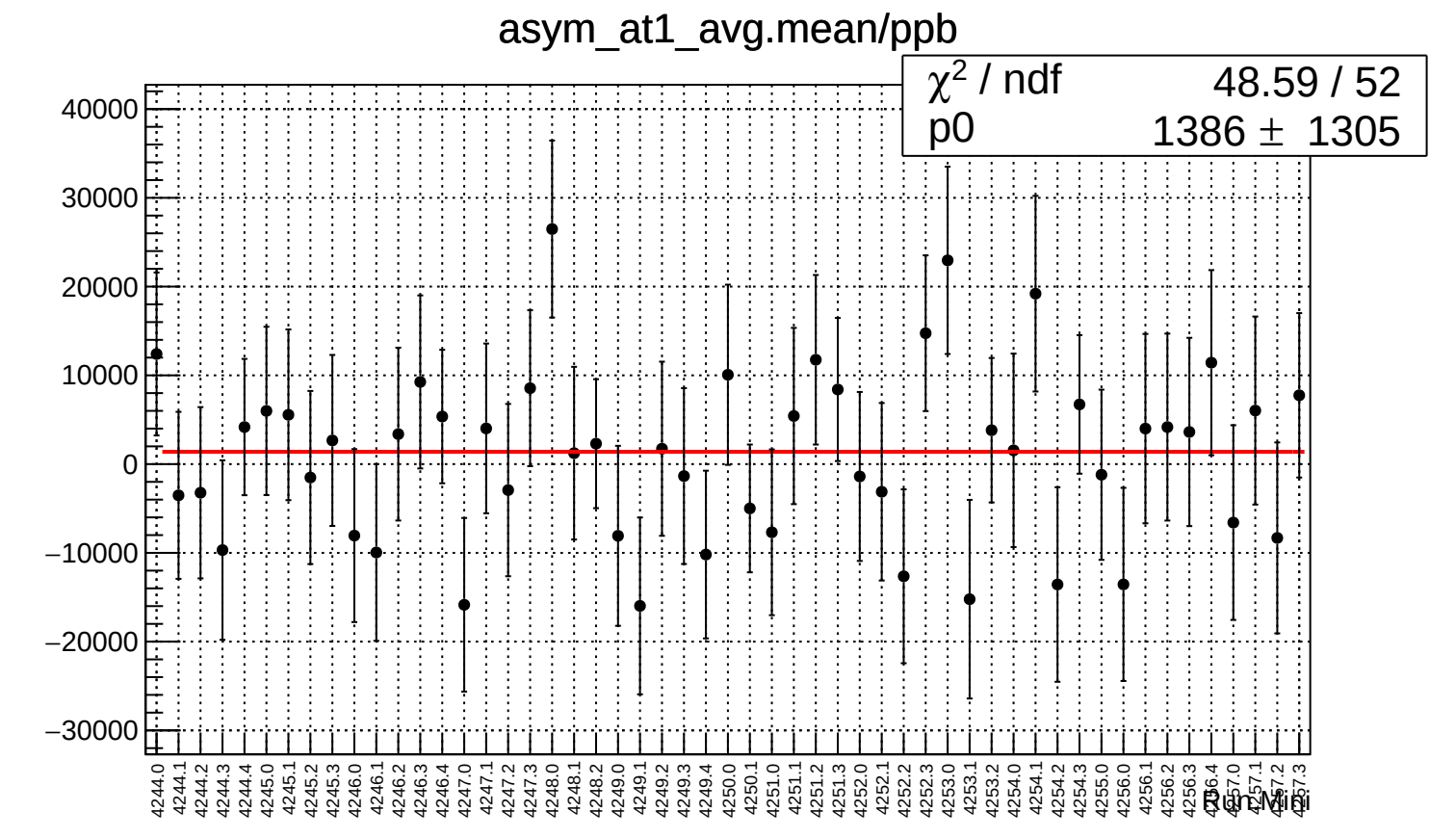
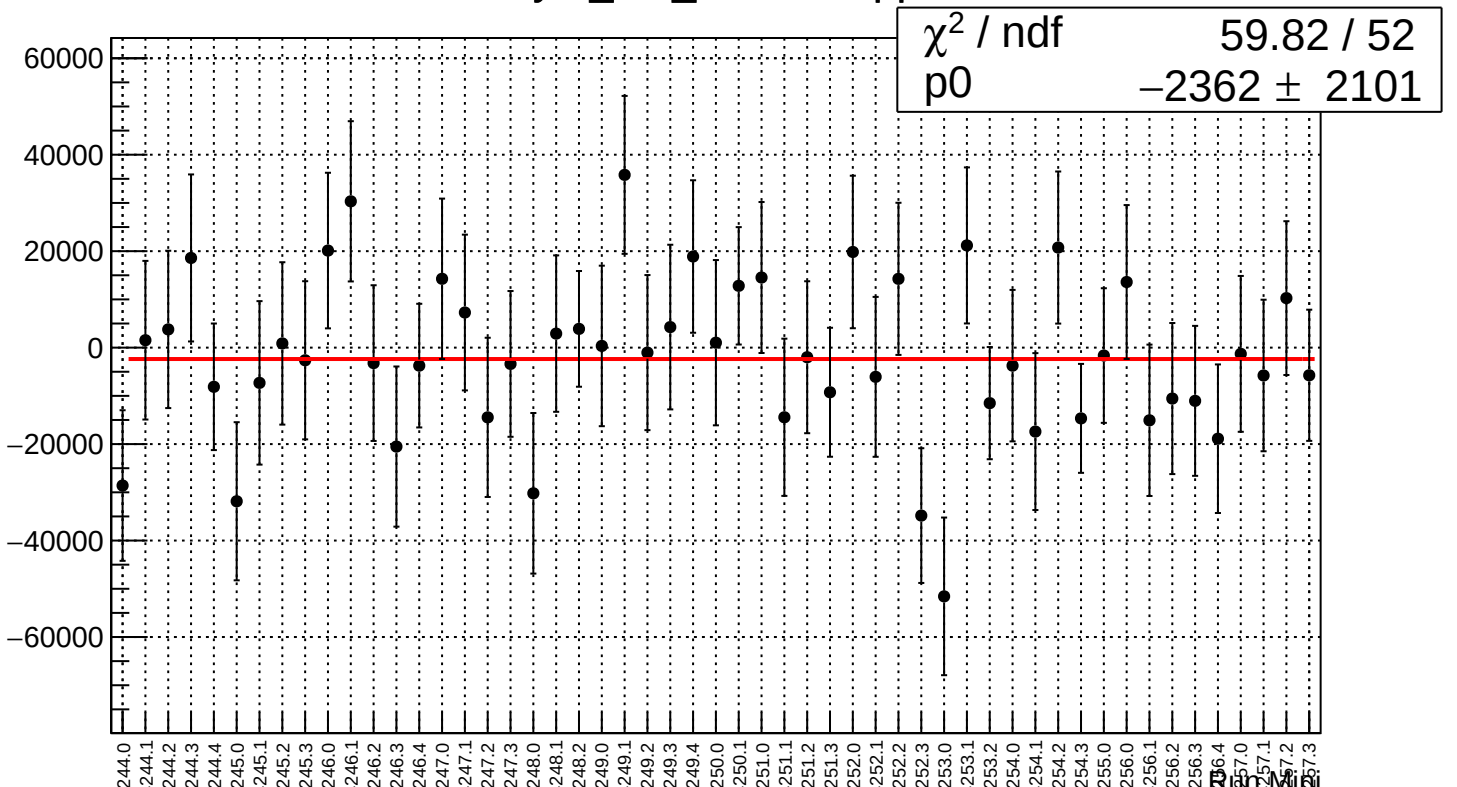
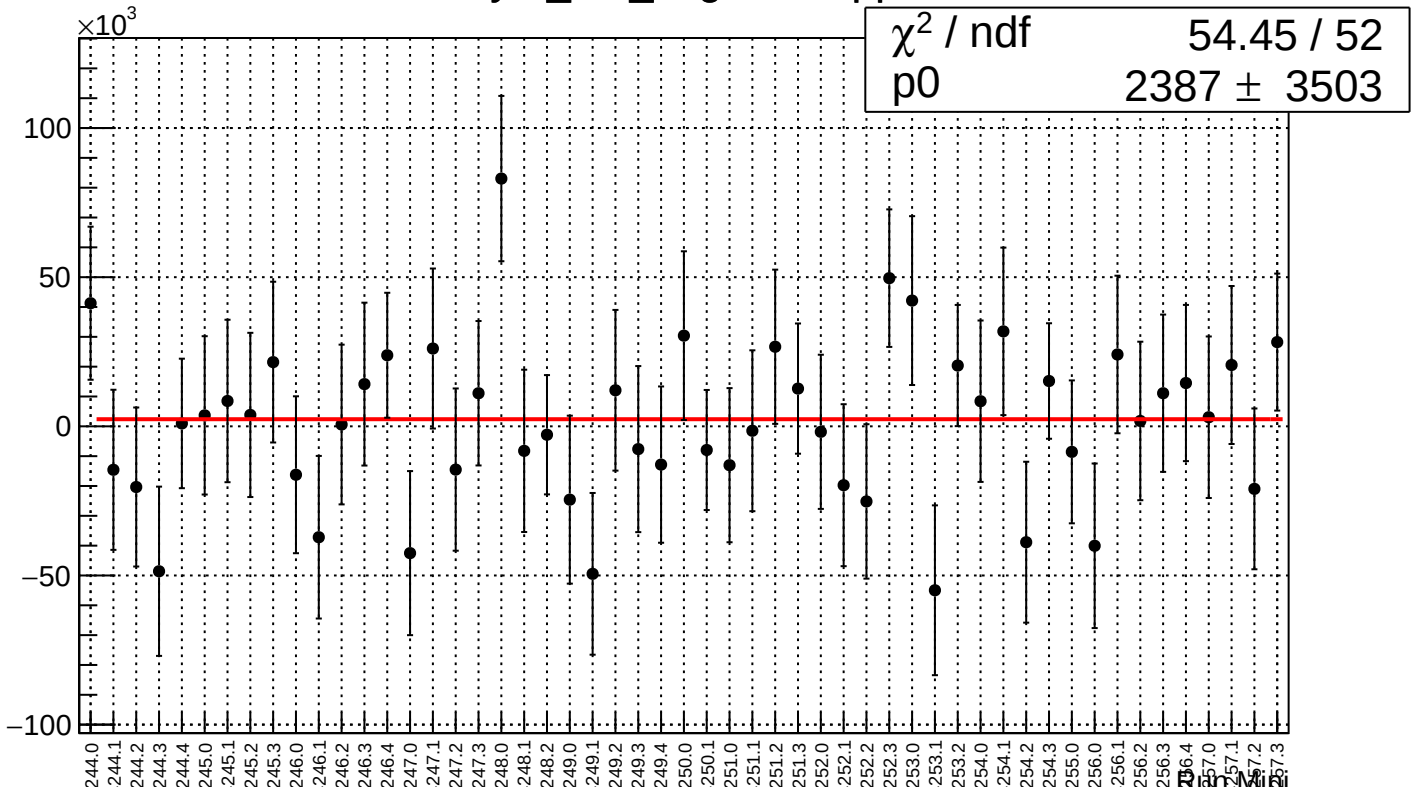
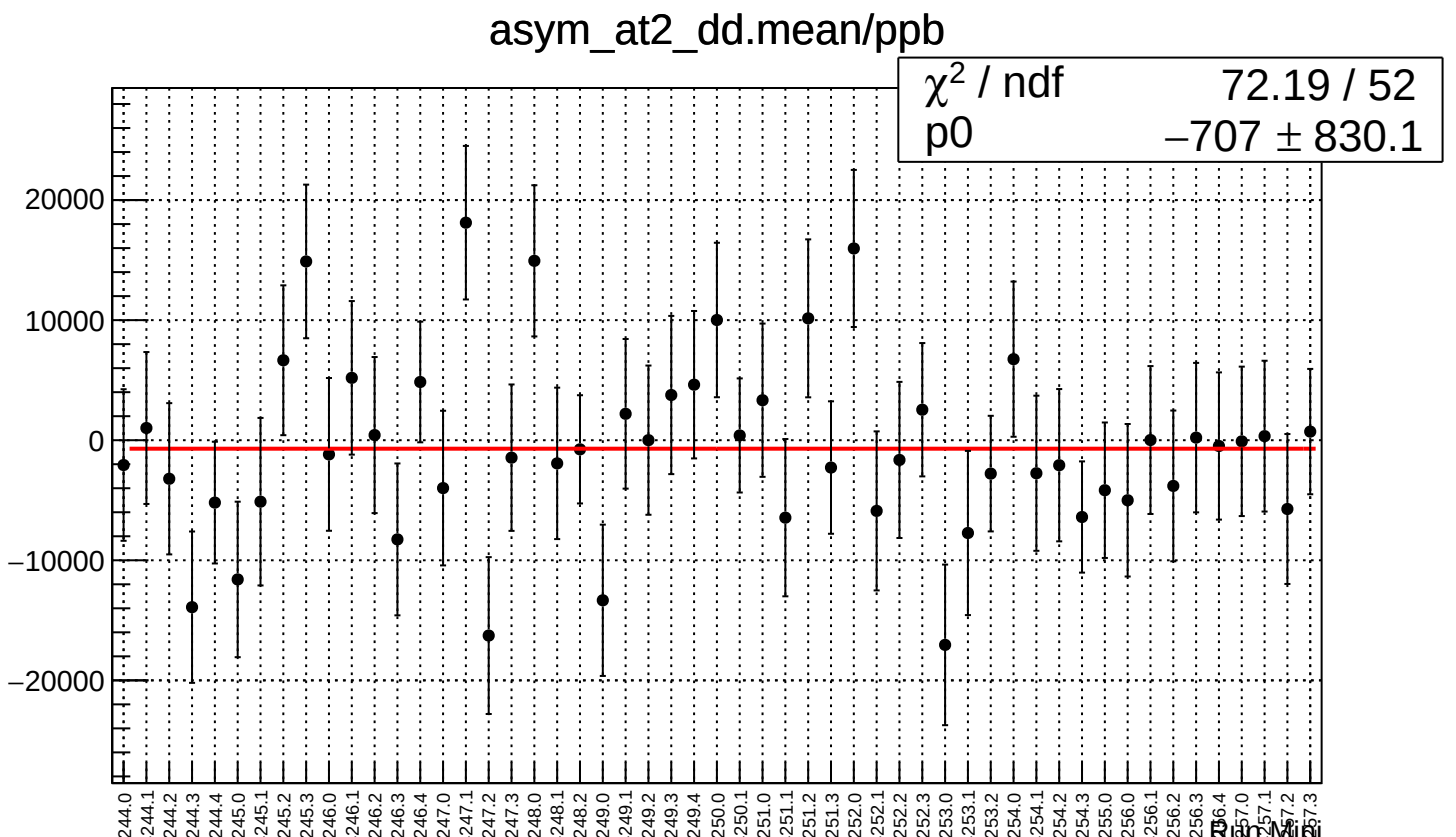
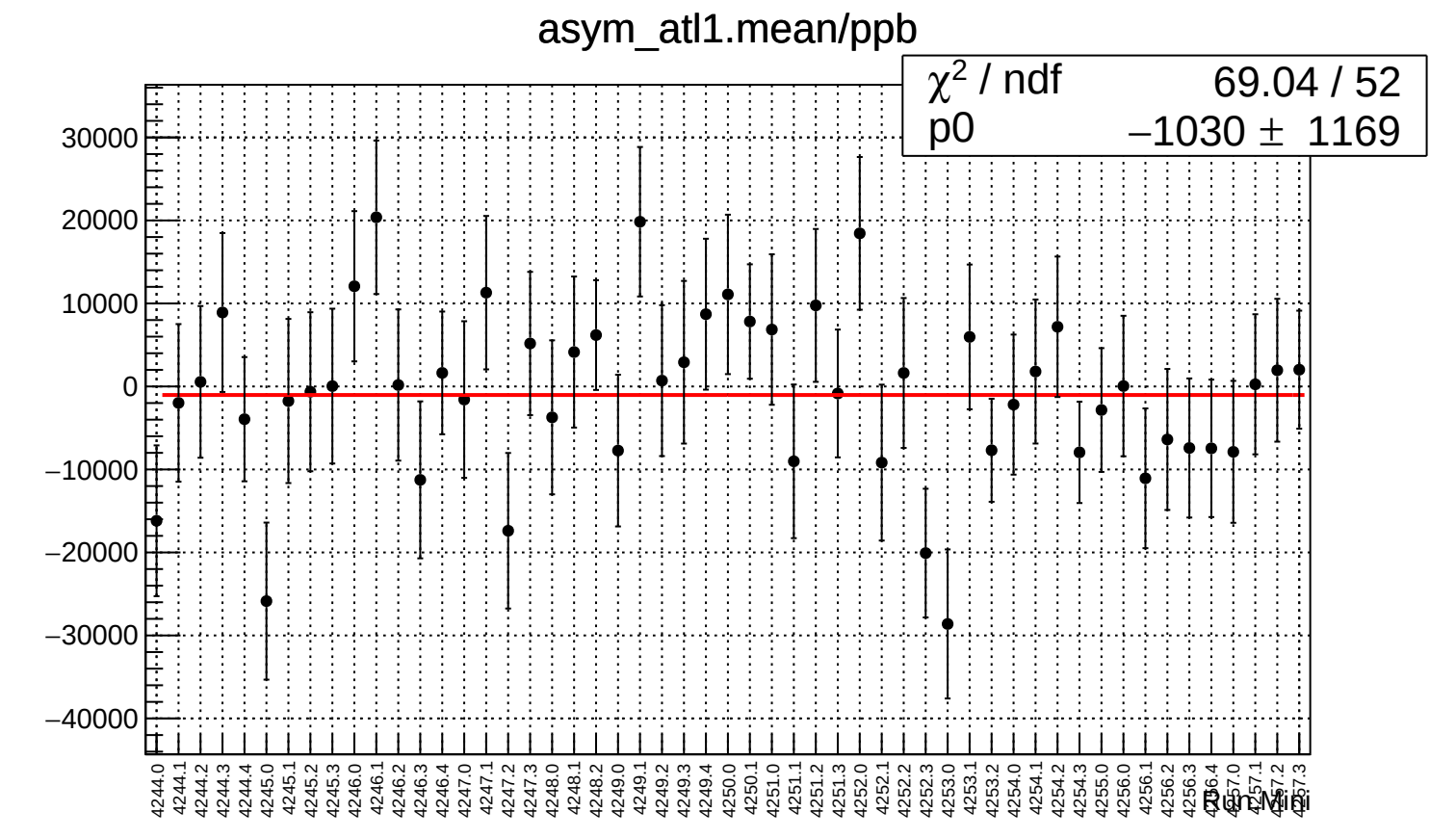

asym_at1_avg.mean/ppb
χ² / ndf 48.59 / 52
p0 1386 ± 1305
40000
30000
20000
10000
0
−10000
−20000
−30000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_at1_dd.mean/ppb
χ² / ndf 59.82 / 52
p0 −2362 ± 2101
60000
40000
20000
0
−20000
−40000
−60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_at2_avg.mean/ppb
×10^3
χ^2 / ndf 54.45 / 52
p0 2387 ± 3503
100
50
0
−50
−100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_at2_dd.mean/ppb
χ² / ndf 72.19 / 52
p0 −707 ± 830.1
20000
10000
0
−10000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl1.mean/ppb
χ² / ndf 69.04 / 52
p0 –1030 ± 1169
30000
20000
10000
0
−10000
−20000
−30000
−40000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
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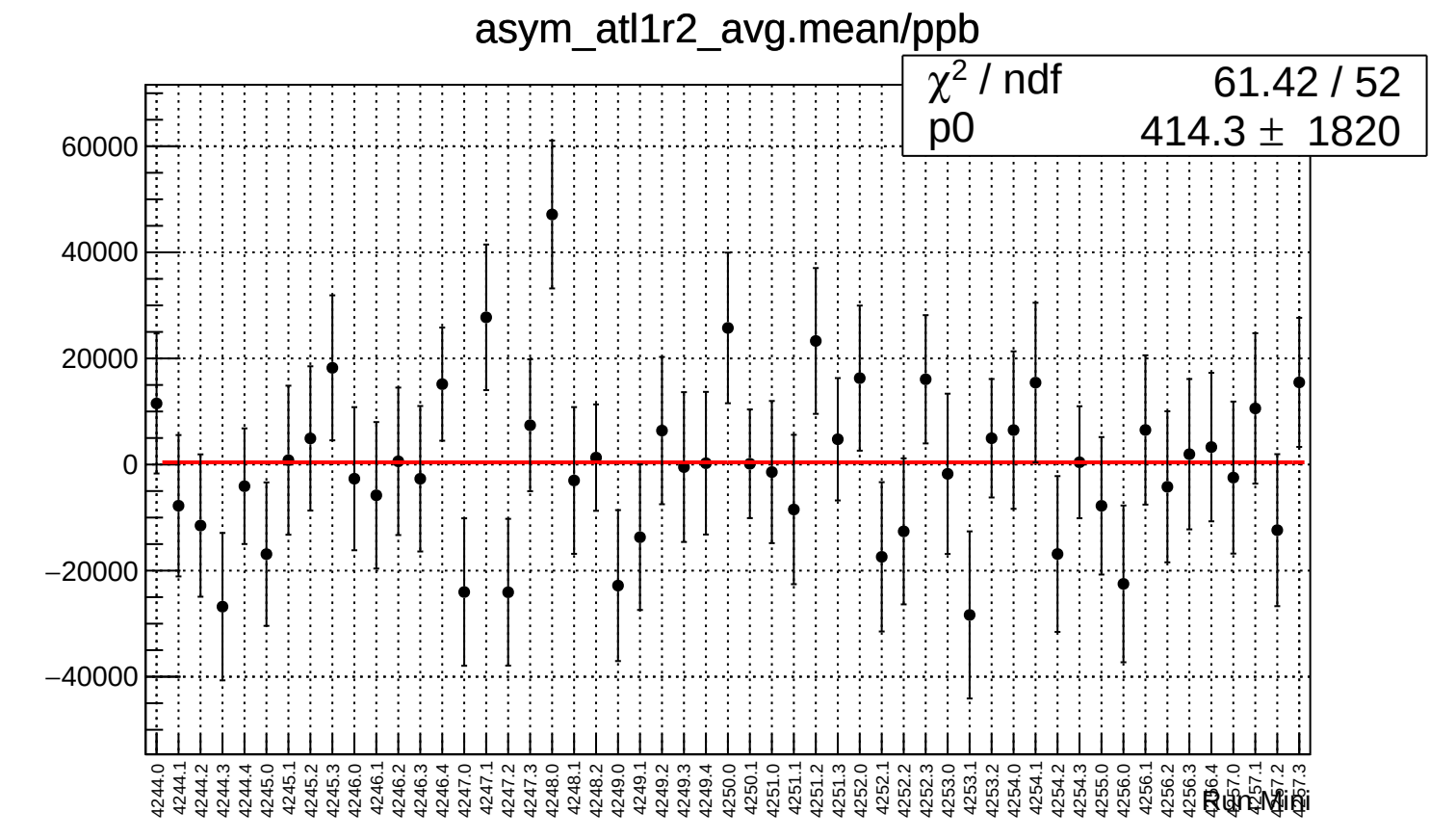
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl1r2_avg.mean/ppb
χ² / ndf 61.42 / 52
p0 414.3 ± 1820
60000
40000
20000
0
−20000
−40000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
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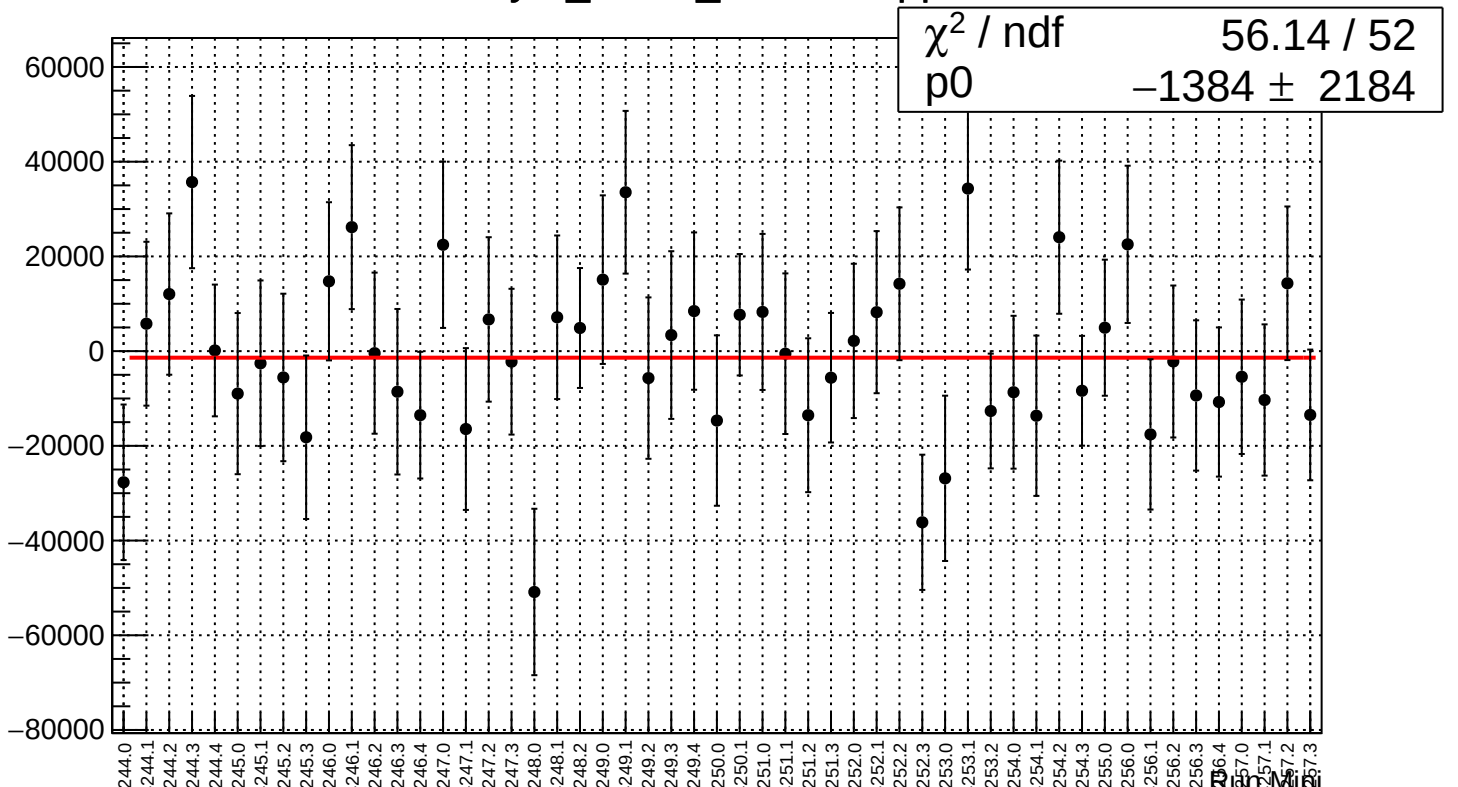
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl1r2_dd.mean/ppb
χ² / ndf 56.14 / 52
p0 –1384 ± 2184
60000
40000
20000
0
–20000
–40000
–60000
–80000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
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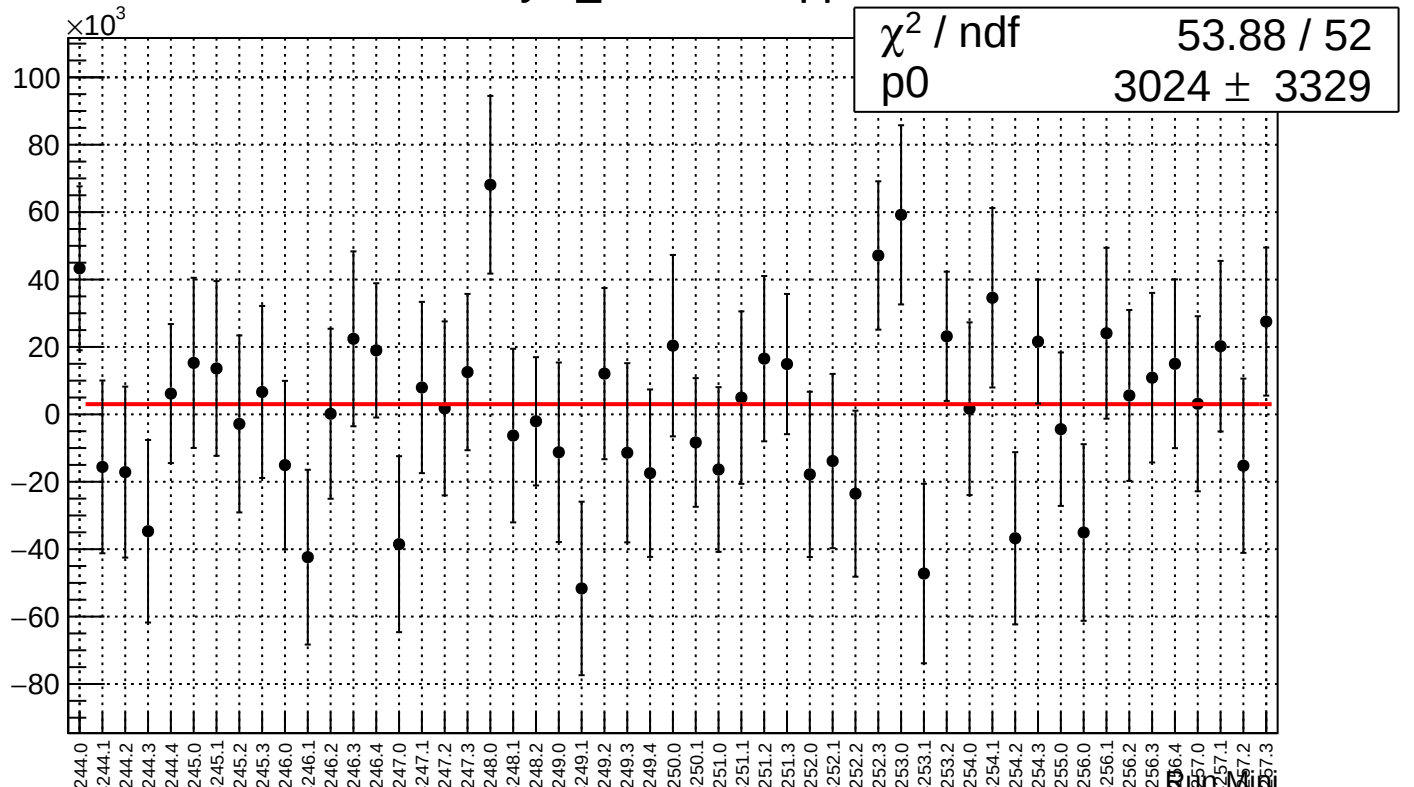
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl2.mean/ppb
×10^3
χ^2 / ndf 53.88 / 52
p0 3024 ± 3329
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
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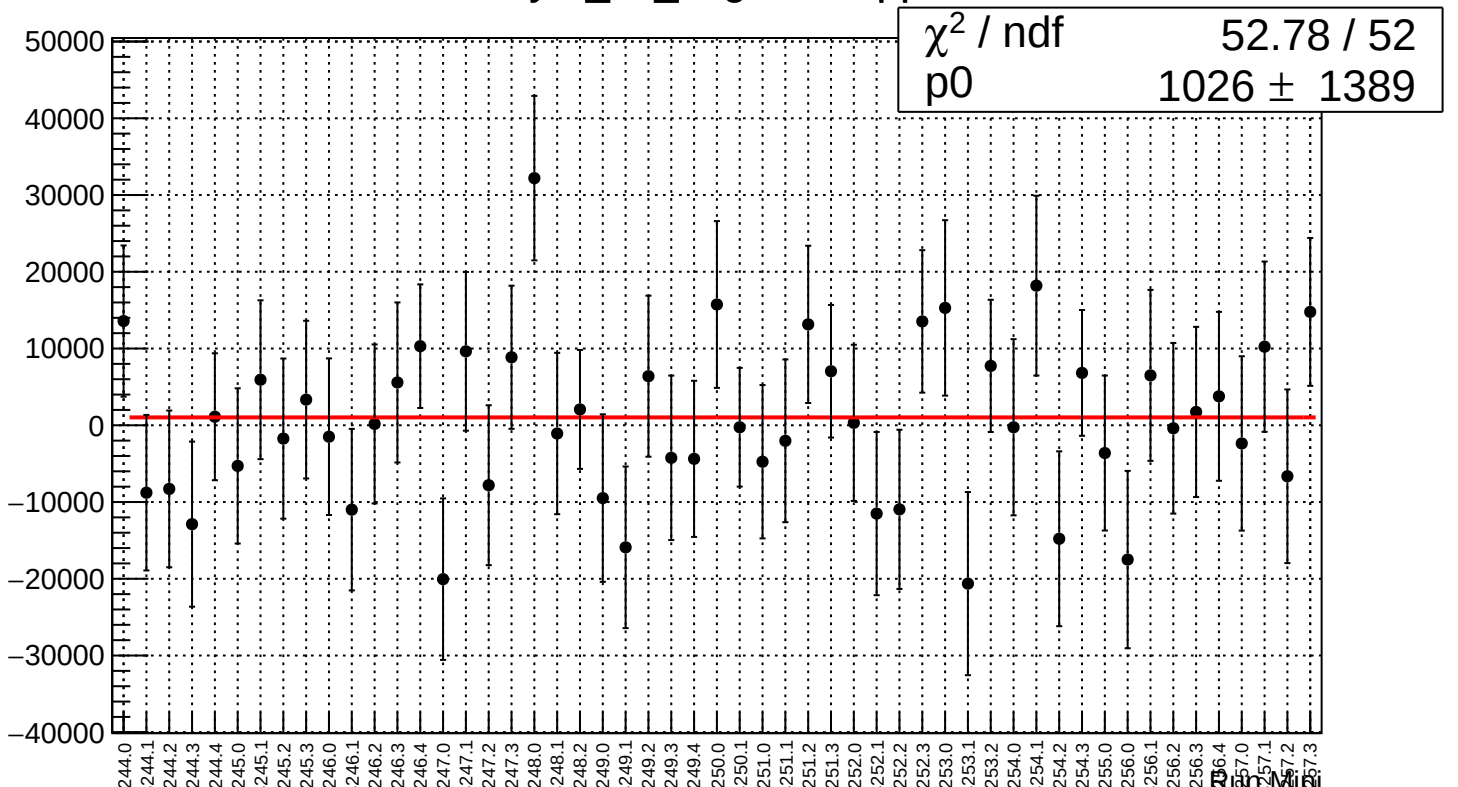
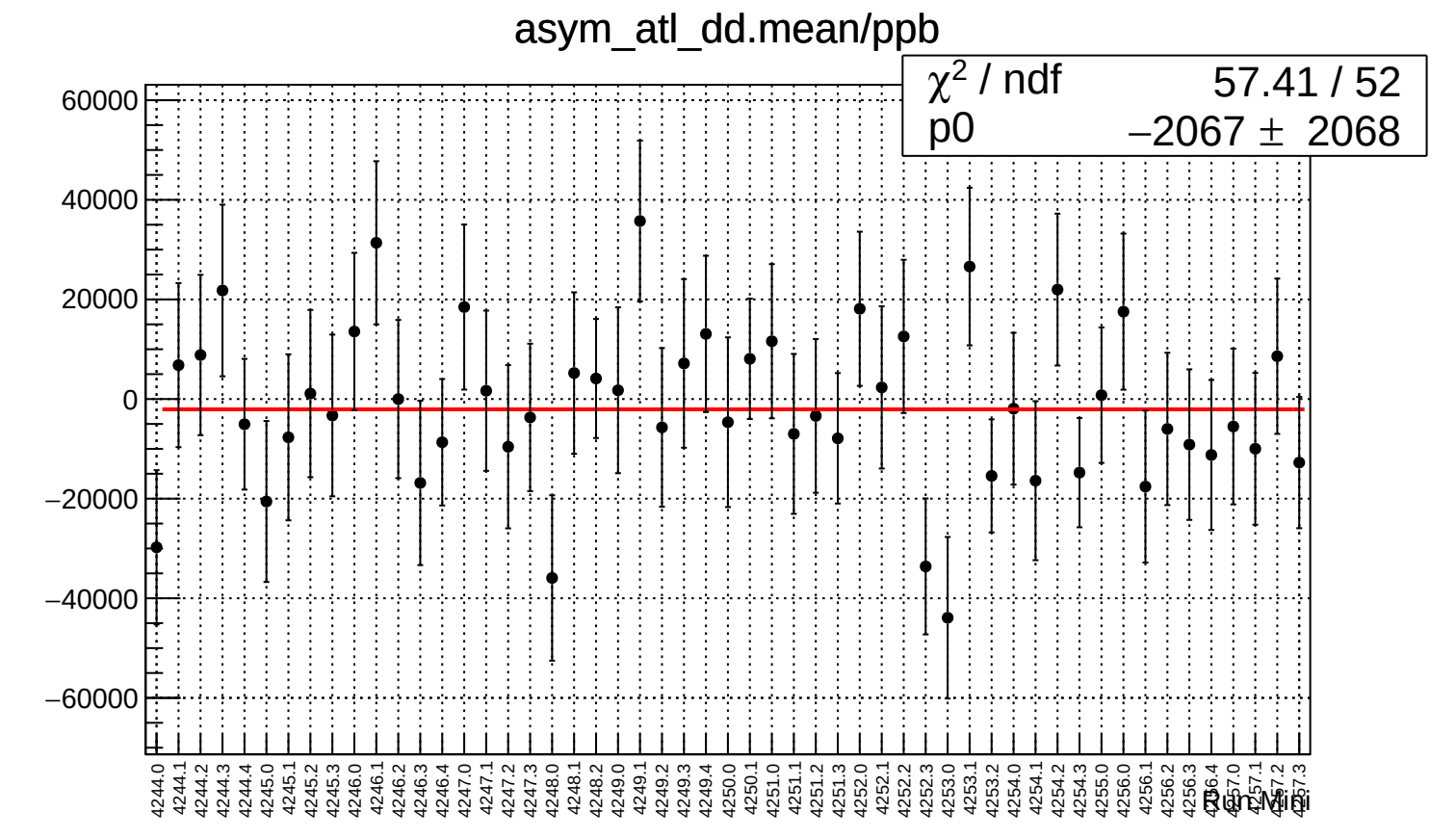
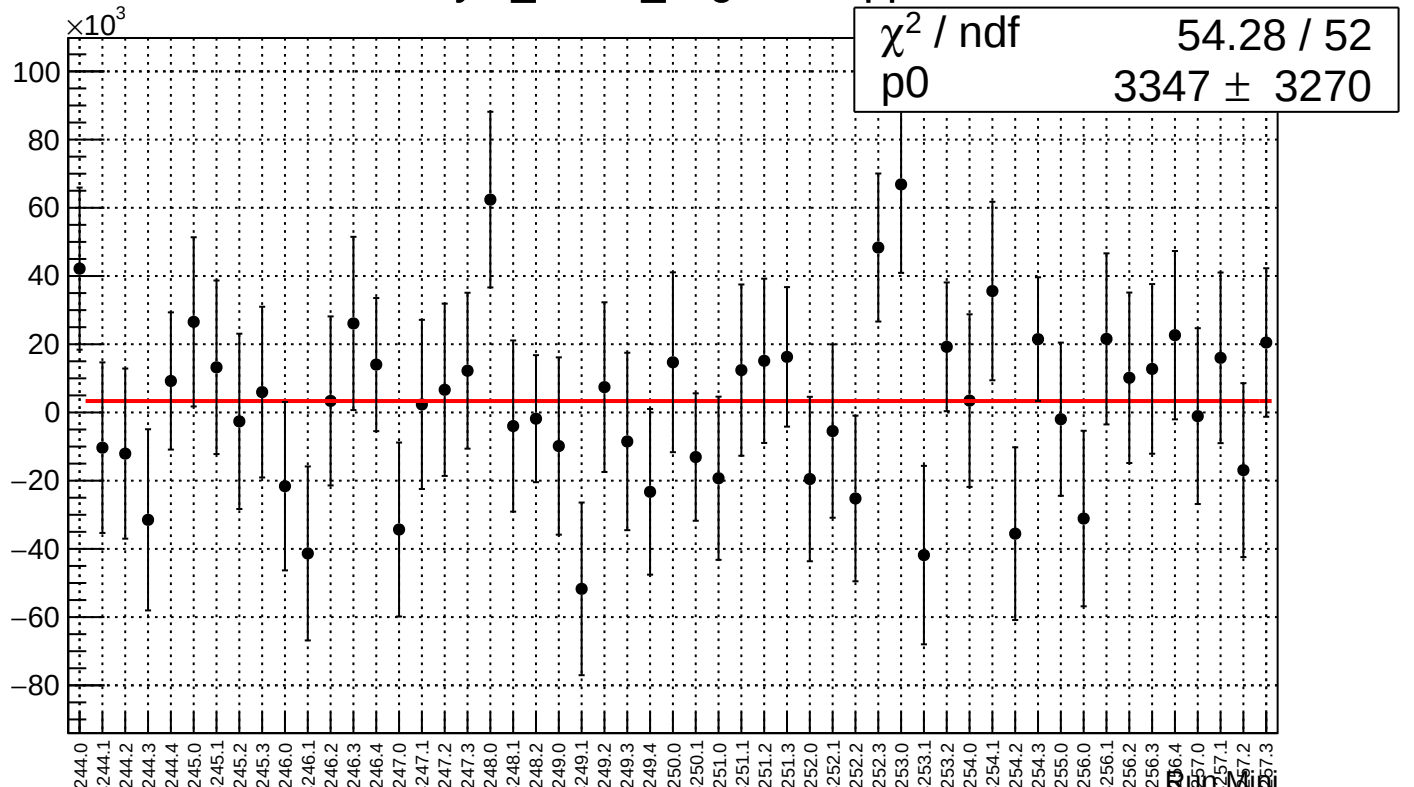
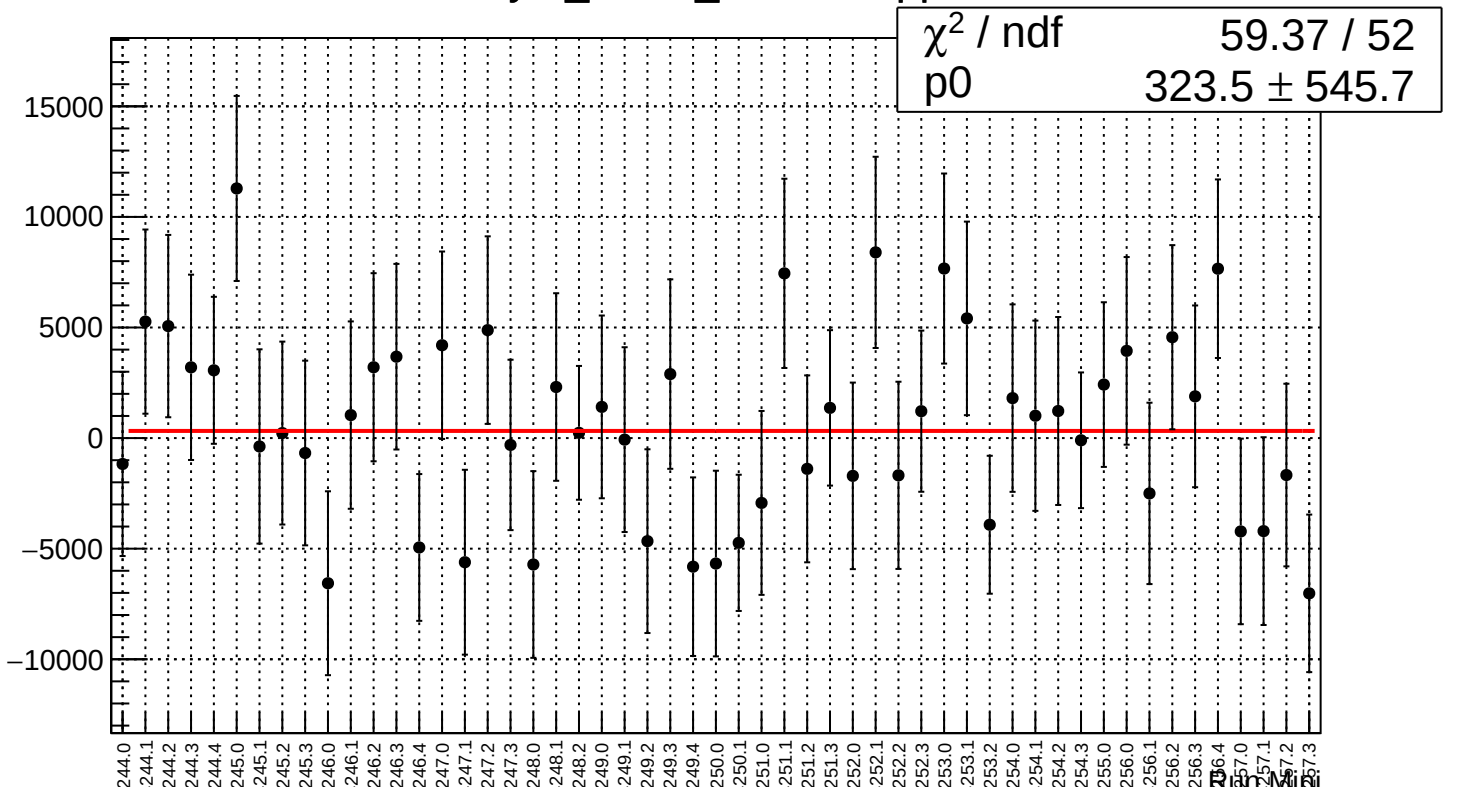
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl_avg.mean/ppb
χ² / ndf 52.78 / 52
p0 1026 ± 1389
50000
40000
30000
20000
10000
0
−10000
−20000
−30000
−40000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atl_dd.mean/ppb
χ² / ndf 57.41 / 52
p0 −2067 ± 2068
60000
40000
20000
0
−20000
−40000
−60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atr1l2_avg.mean/ppb
×10^3
χ^2 / ndf 54.28 / 52
p0 3347 ± 3270
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atr1l2_dd.mean/ppb
χ² / ndf 59.37 / 52
p0 323.5 ± 545.7
15000
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
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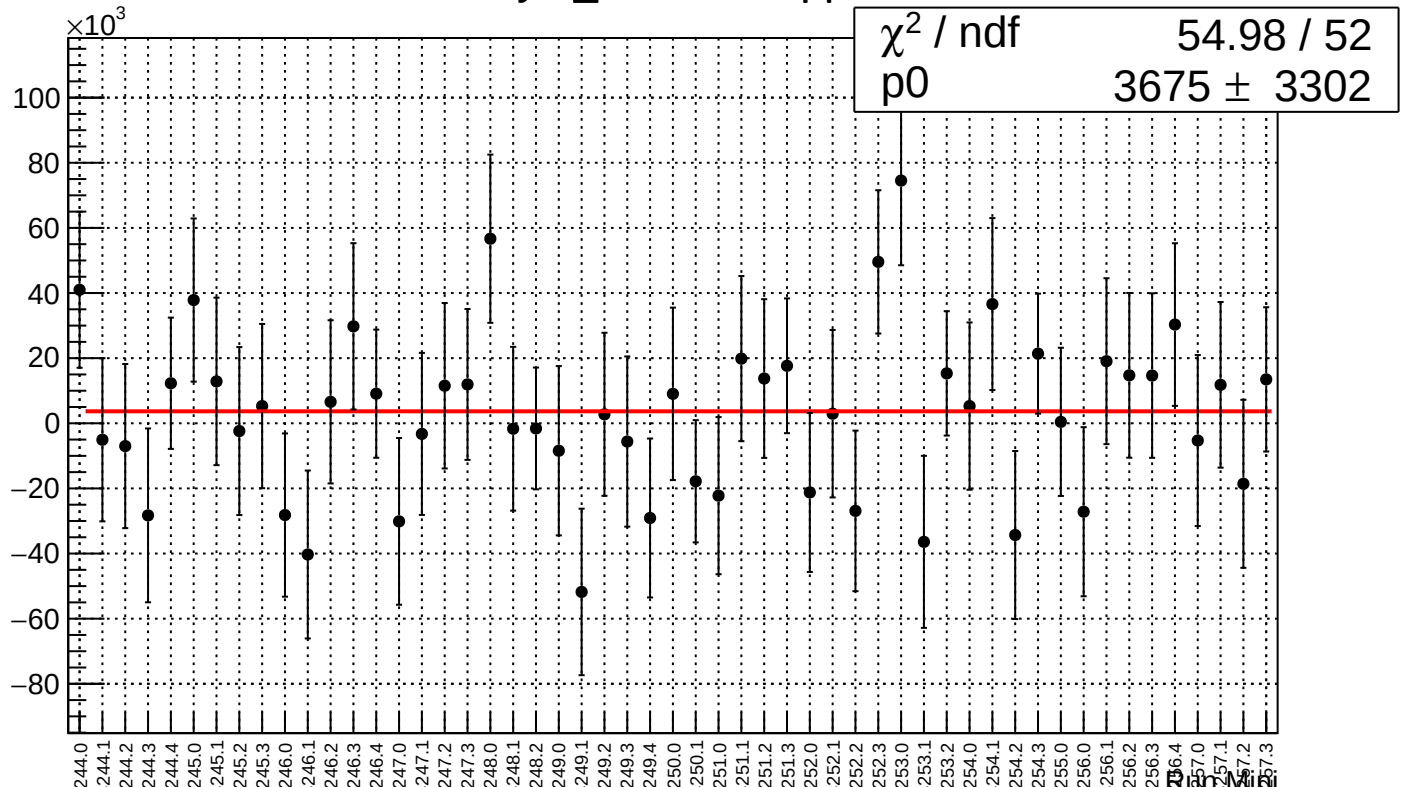
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atr1.mean/ppb
×10^3
χ^2 / ndf 54.98 / 52
p0 3675 ± 3302
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
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4249.1
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4249.4
4250.0
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4251.0
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4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
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4254.3
4255.0
4256.0
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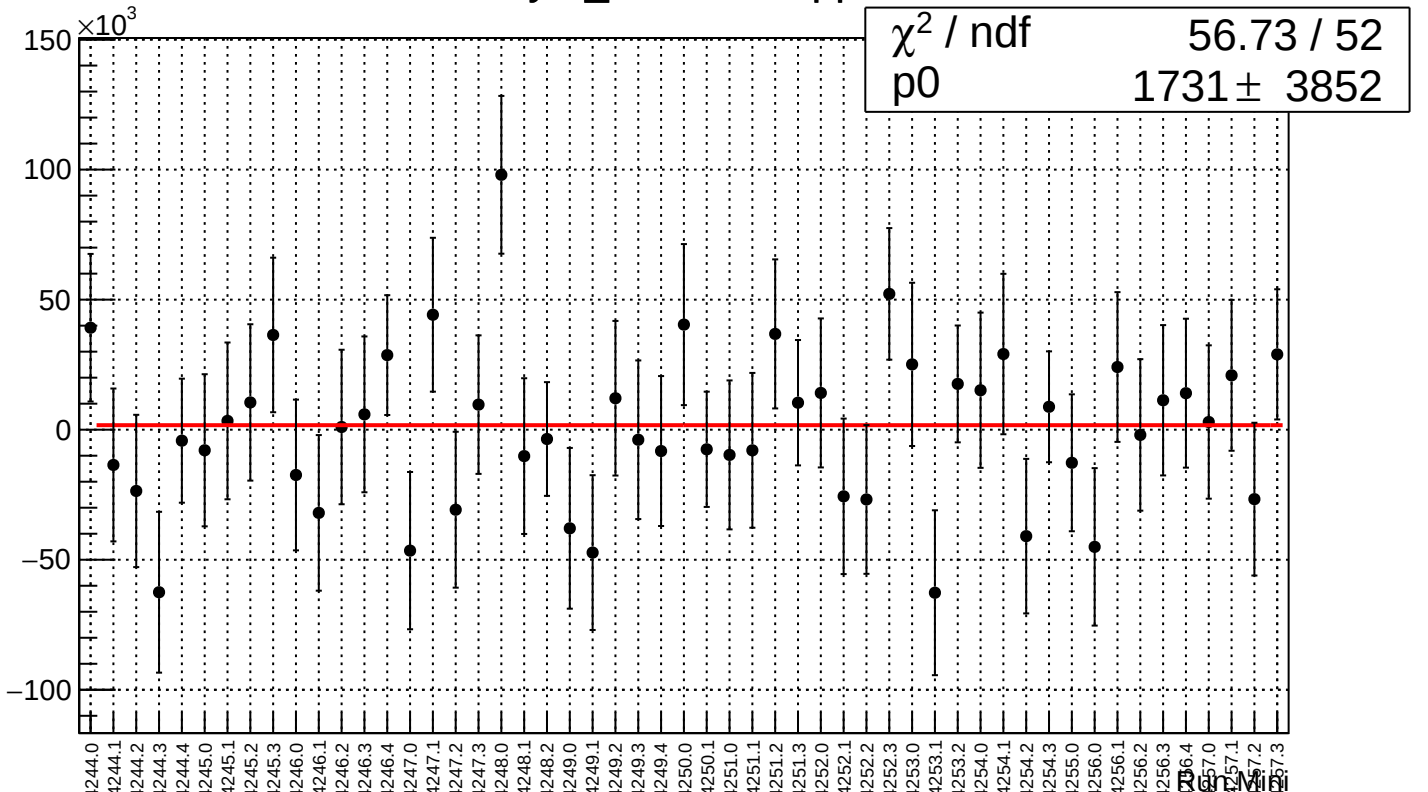
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atr2.mean/ppb
χ2 / ndf 56.73 / 52
p0 1731 ± 3852
×10^3
150
100
50
0
−50
−100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
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4247.0
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4250.0
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4251.0
4251.1
4251.2
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4252.0
4252.1
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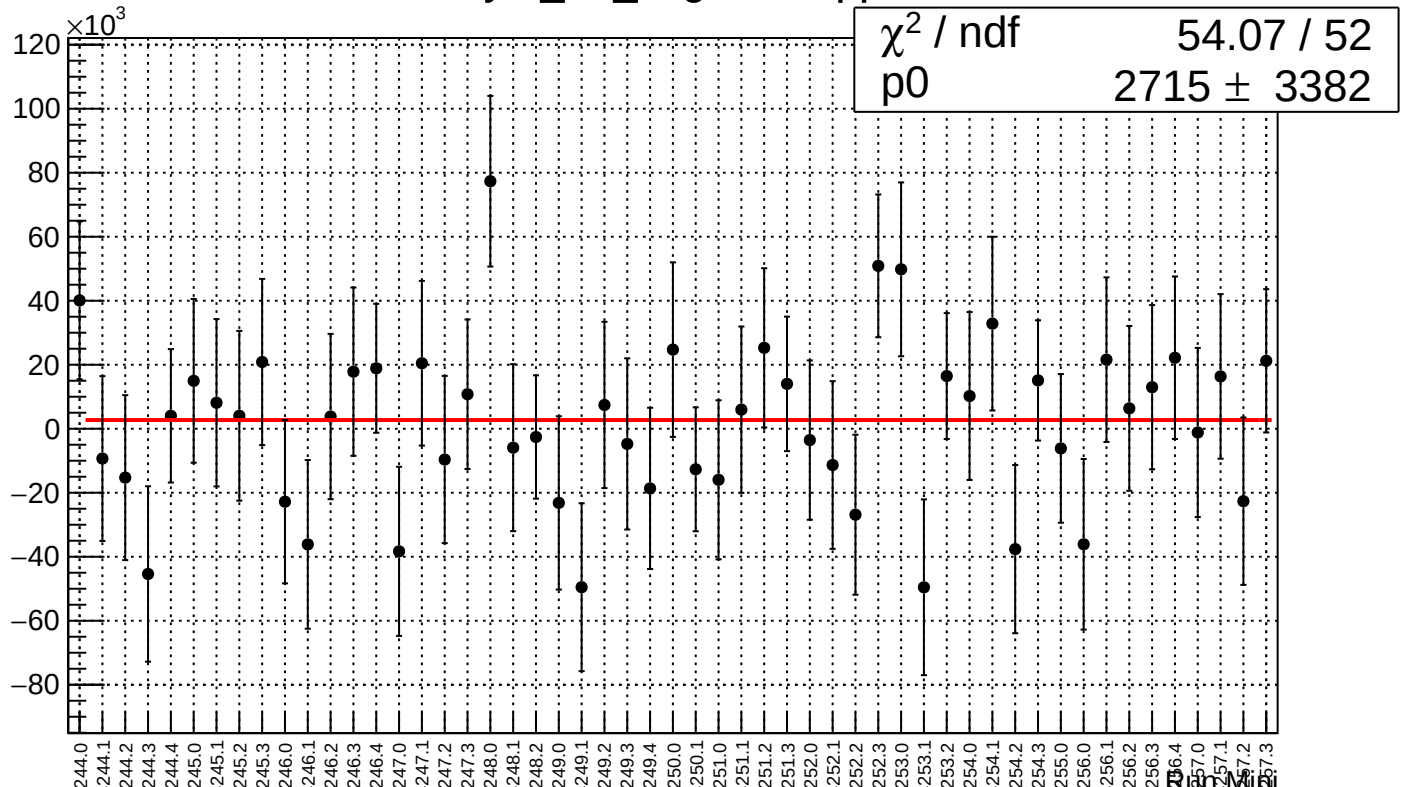
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_atr_avg.mean/ppb
×10^3
χ^2 / ndf 54.07 / 52
p0 2715 ± 3382
120
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
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4252.0
4252.1
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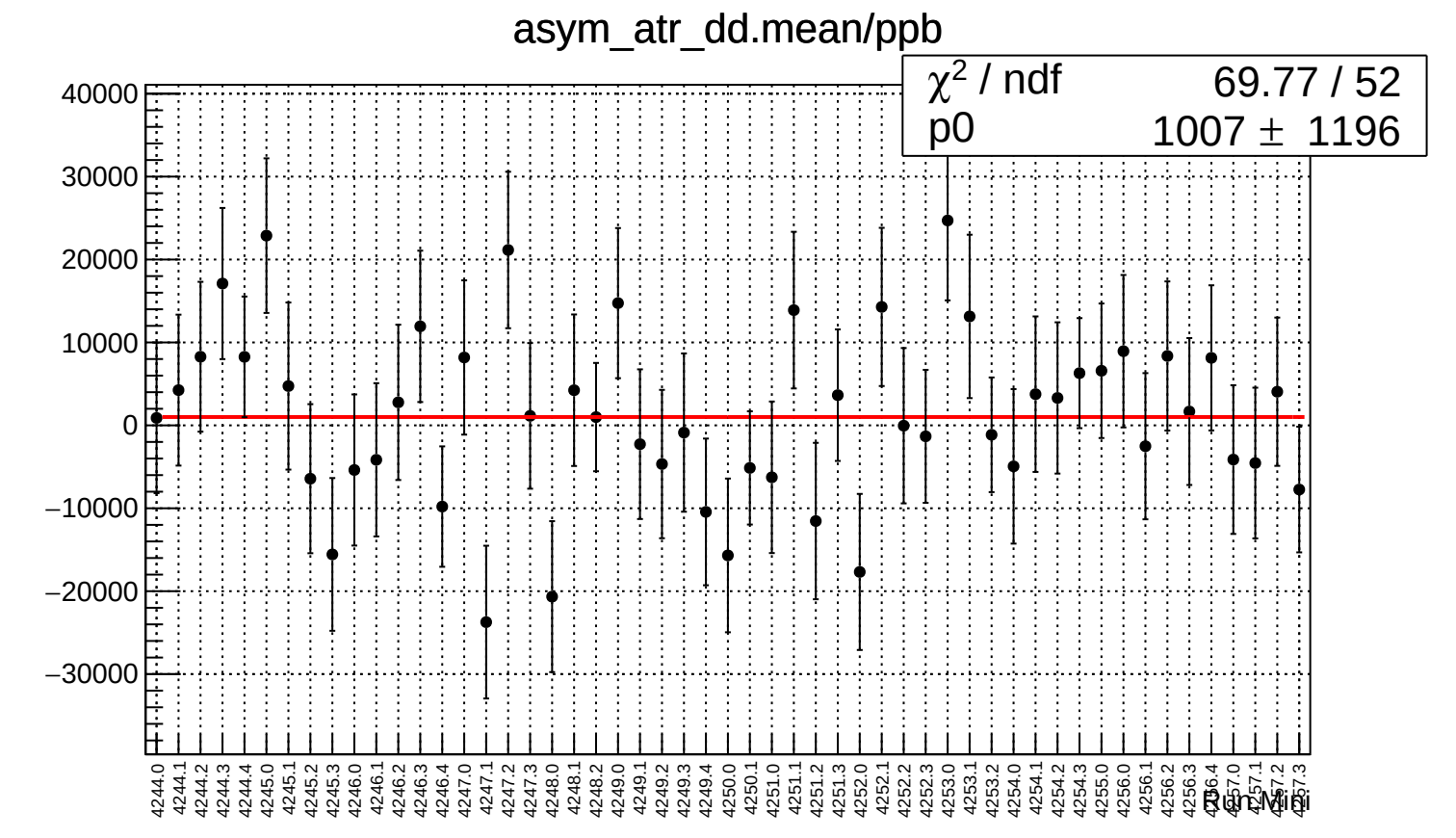
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min


asym_atr_dd.mean/ppb
χ² / ndf 69.77 / 52
p0 1007 ± 1196
40000
30000
20000
10000
0
−10000
−20000
−30000
4244.0
4244.1
4244.2
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4244.4
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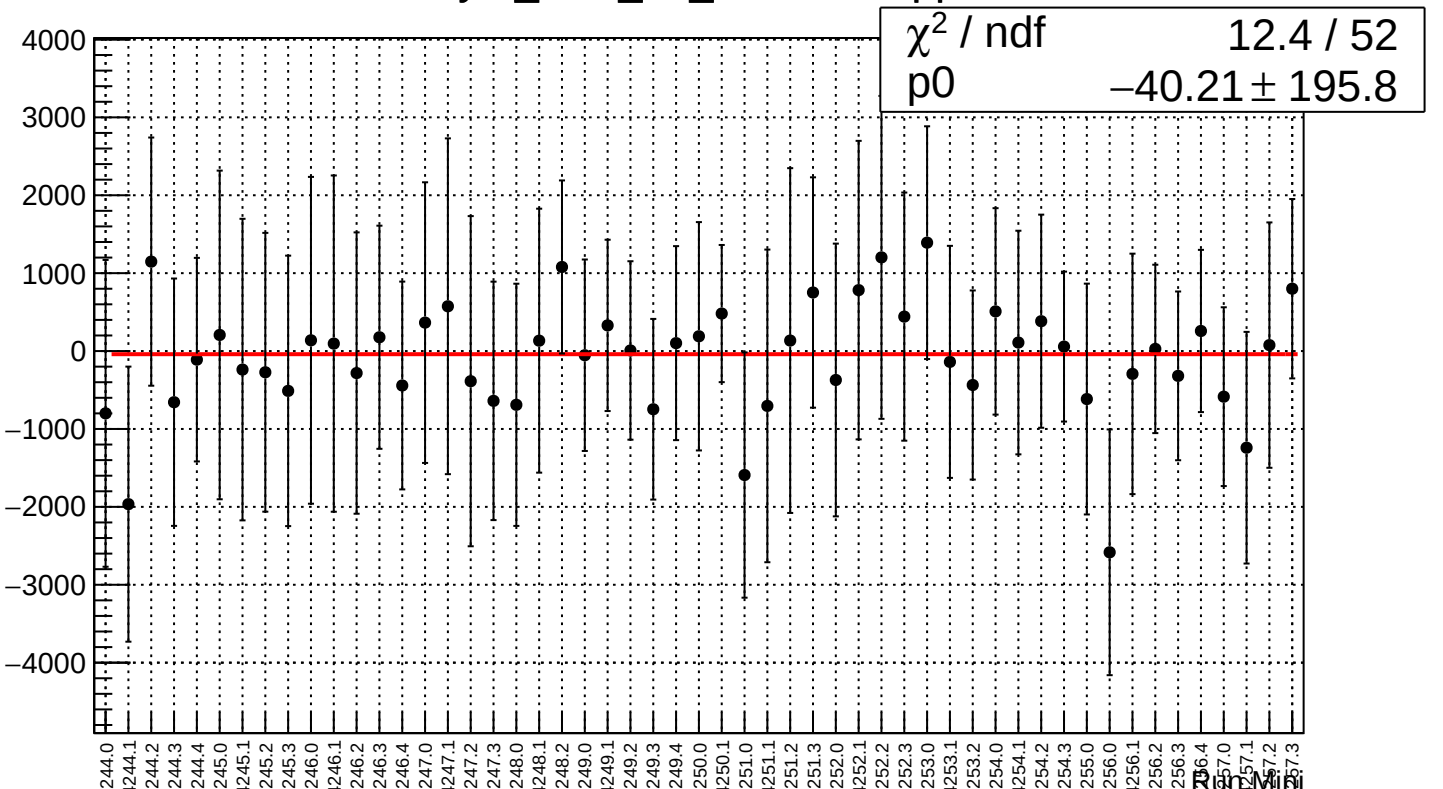
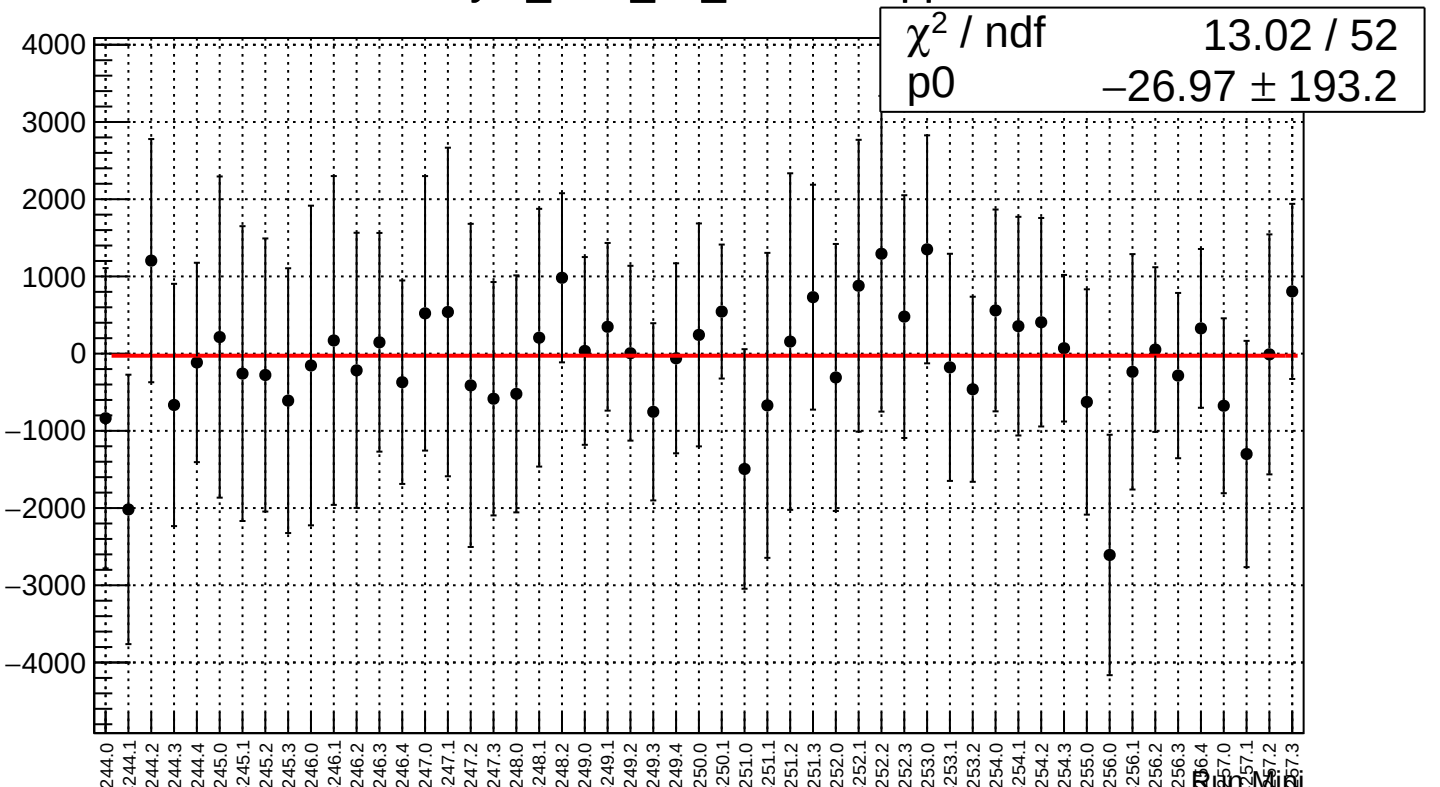
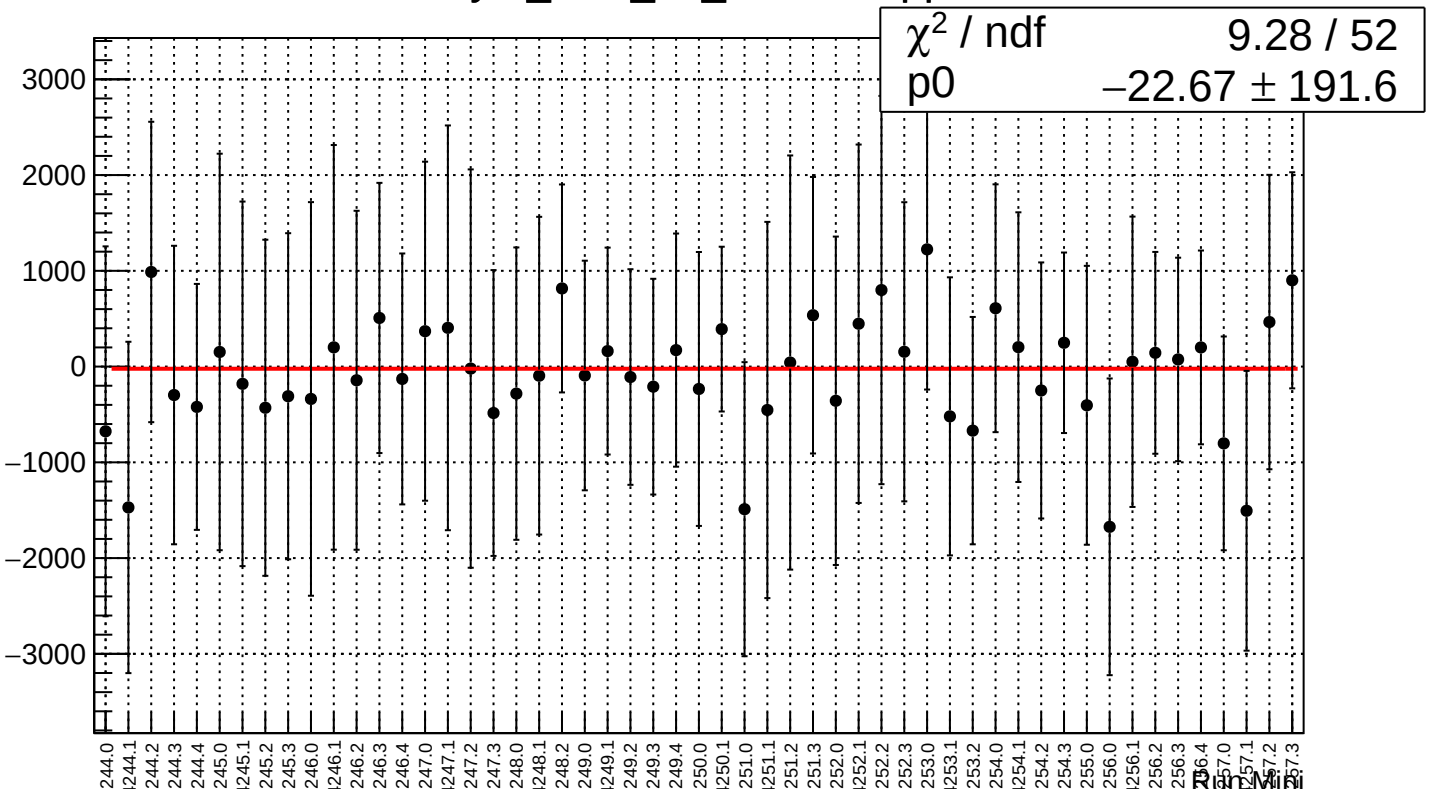
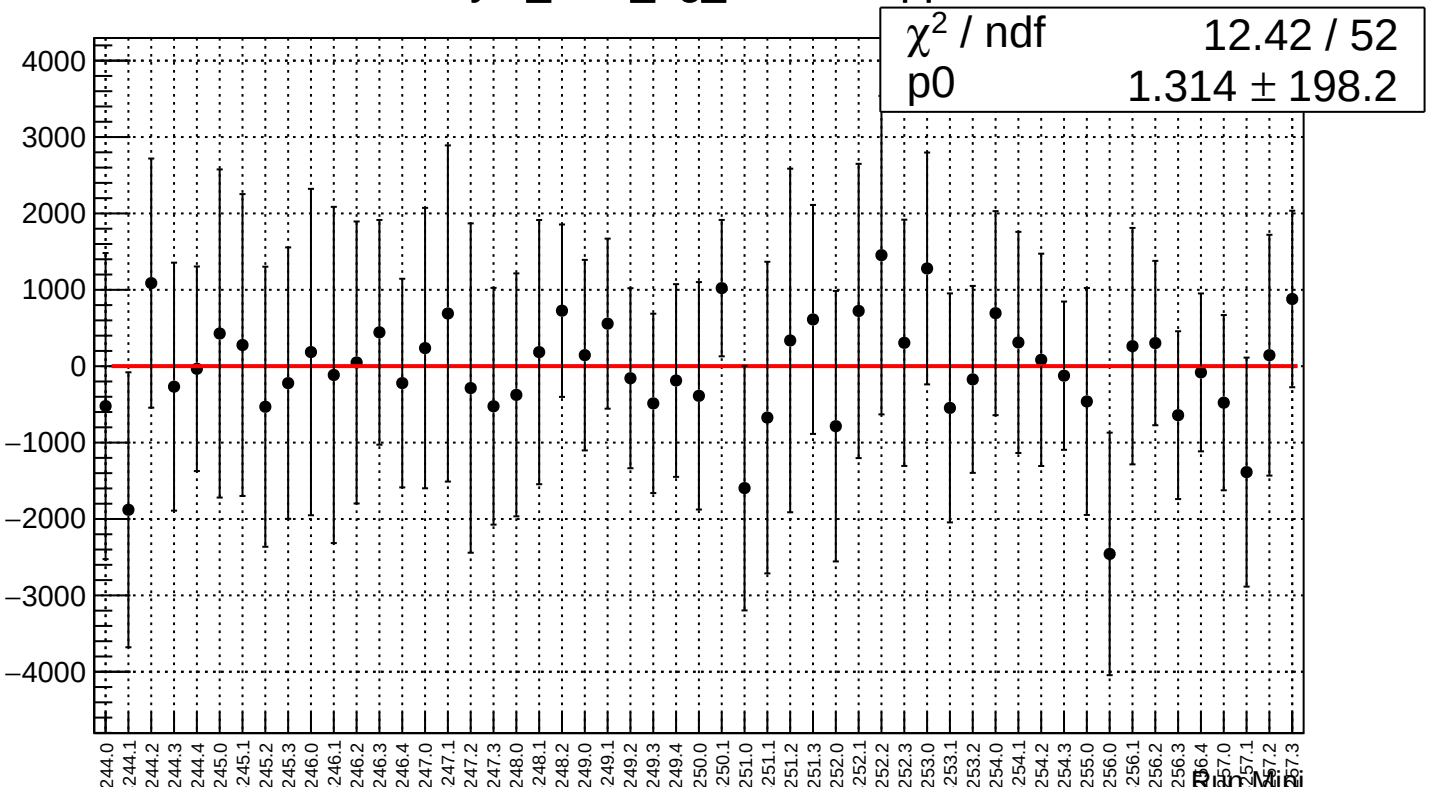
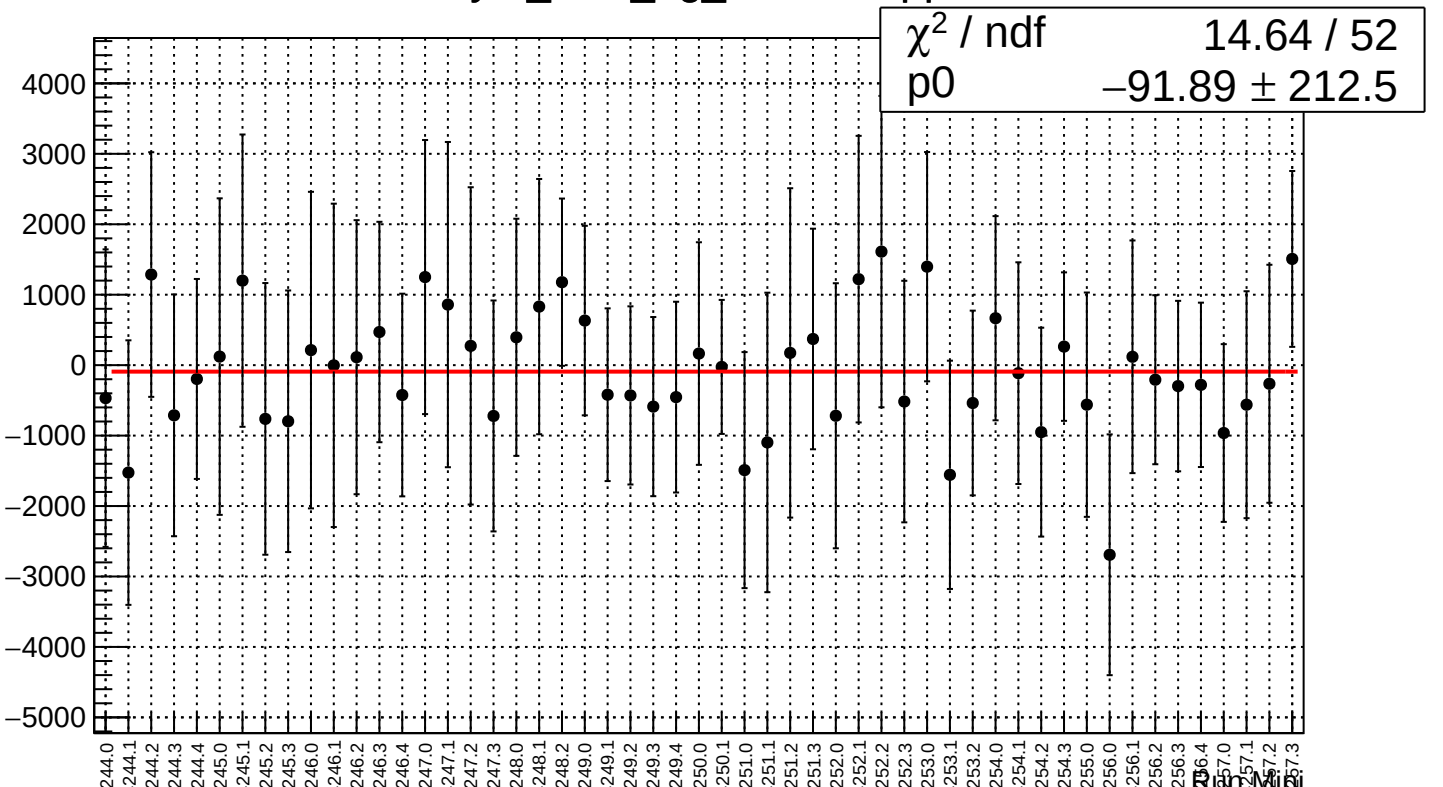
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

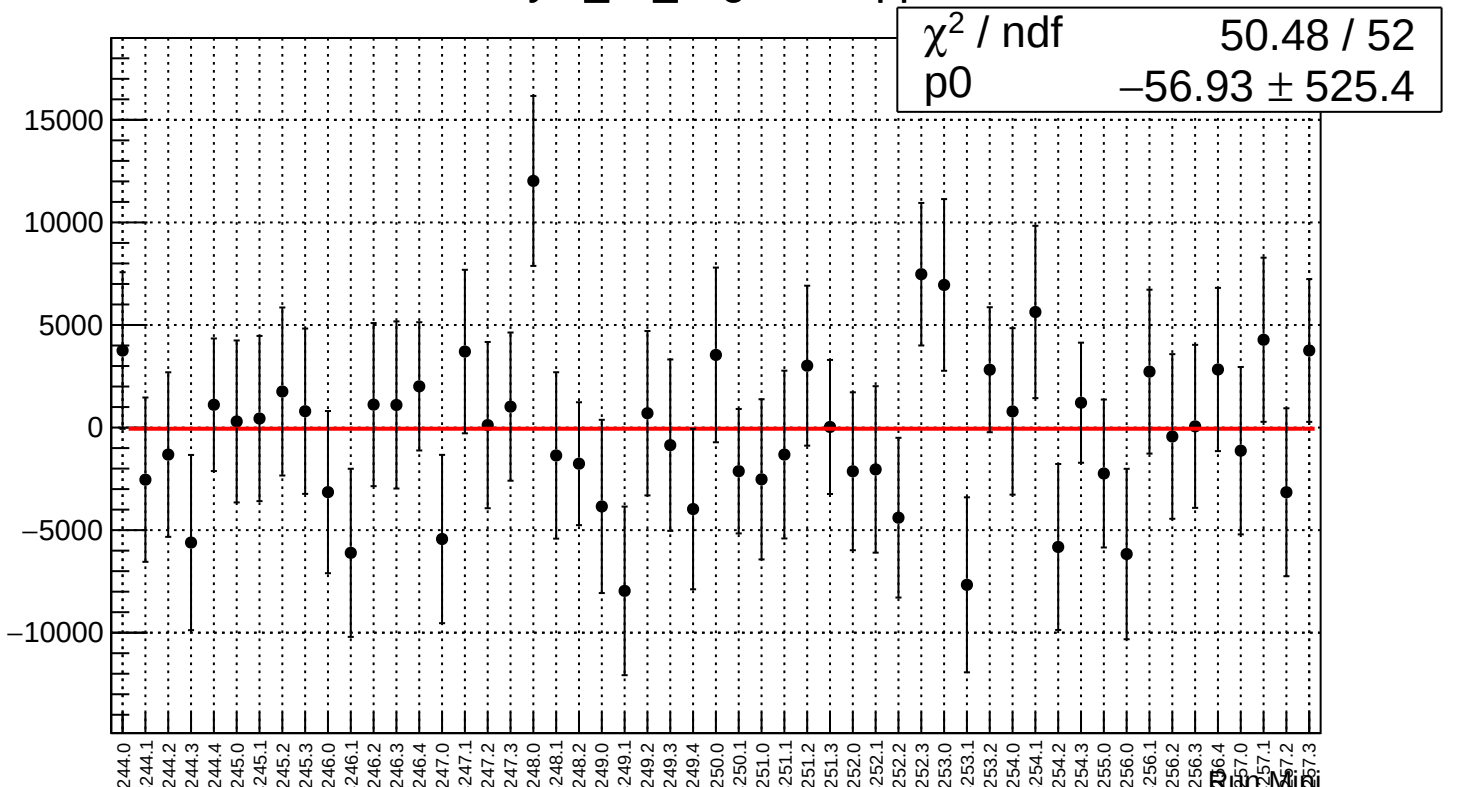

asym_bcm_an_ds3.mean/ppb
χ² / ndf 12.4 / 52
p0 −40.21 ± 195.8
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

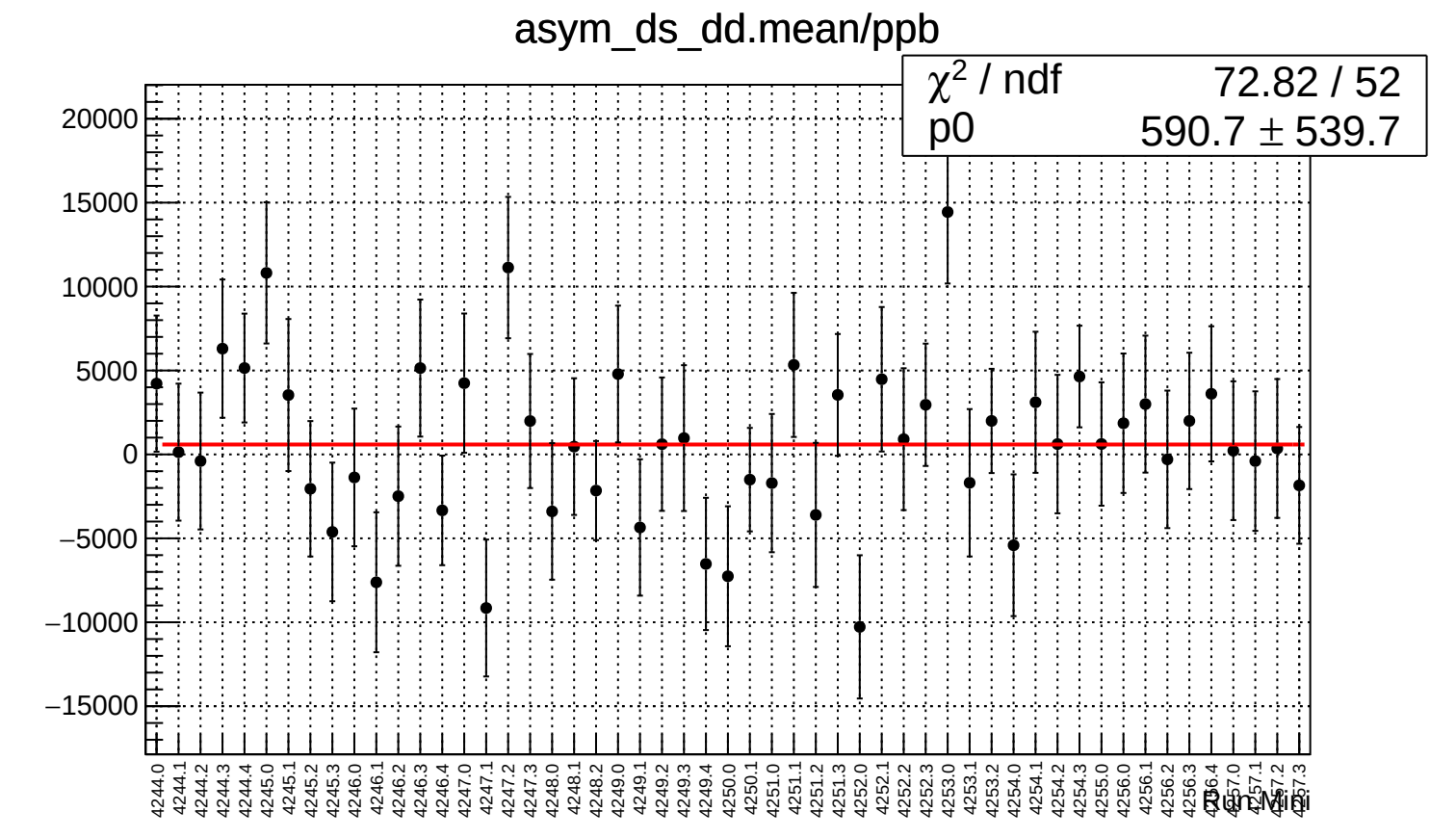

asym_bcm_an_ds.mean/ppb
χ² / ndf 13.02 / 52
p0 –26.97 ± 193.2
4000
3000
2000
1000
0
–1000
–2000
–3000
–4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_bcm_an_us.mean/ppb
χ² / ndf 9.28 / 52
p0 −22.67 ± 191.6
3000
2000
1000
0
−1000
−2000
−3000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_bcm_dg_ds.mean/ppb
χ² / ndf 12.42 / 52
p0 1.314 ± 198.2
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_bcm_dg_us.mean/ppb
χ² / ndf 14.64 / 52
p0 −91.89 ± 212.5
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_ds_avg.mean/ppb
χ² / ndf 50.48 / 52
p0 −56.93 ± 525.4
15000
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_ds_dd.mean/ppb
χ² / ndf 72.82 / 52
p0 590.7 ± 539.7
20000
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
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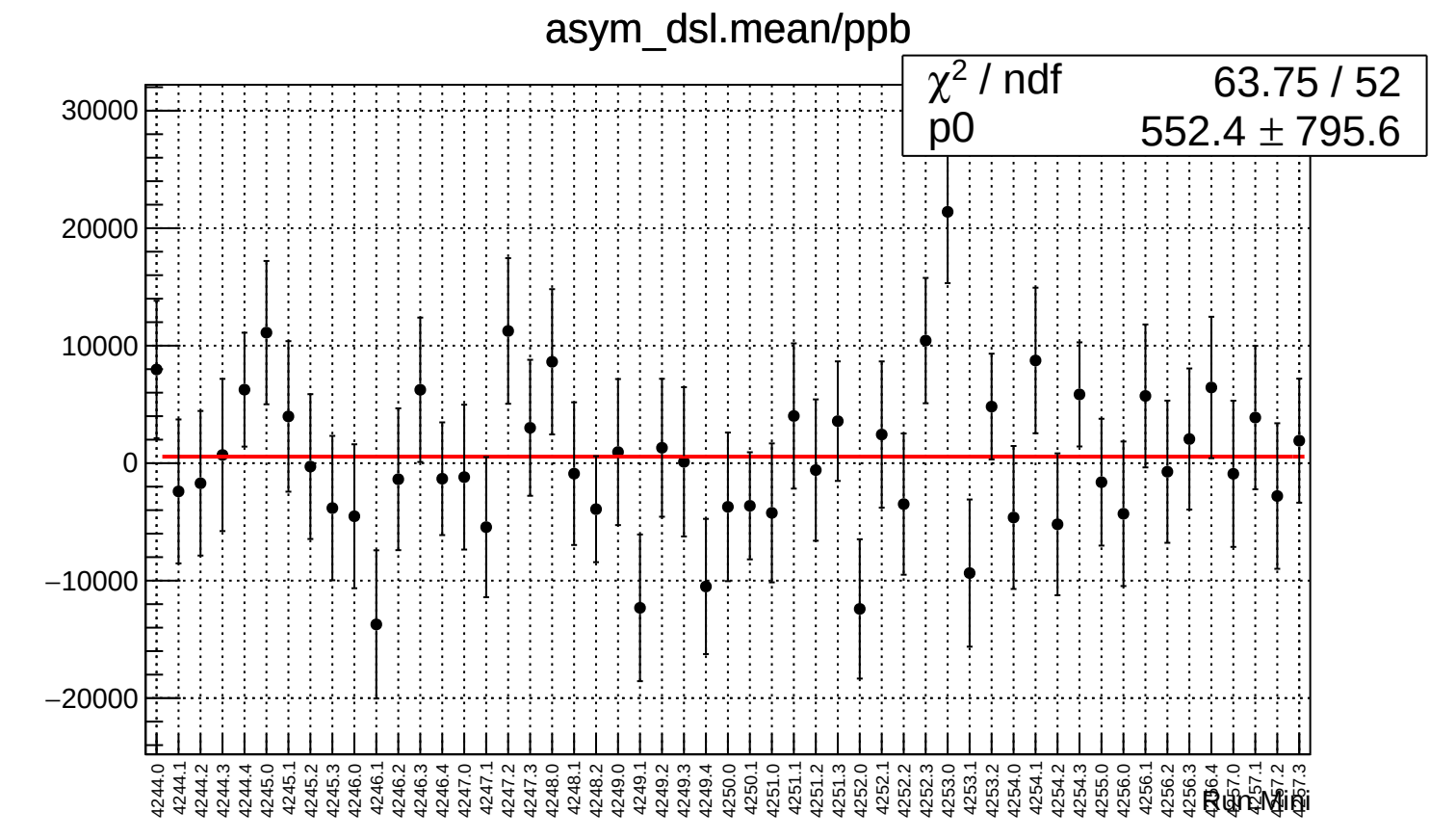
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_dsl.mean/ppb
χ² / ndf 63.75 / 52
p0 552.4 ± 795.6
30000
20000
10000
0
−10000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
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4254.3
4255.0
4256.0
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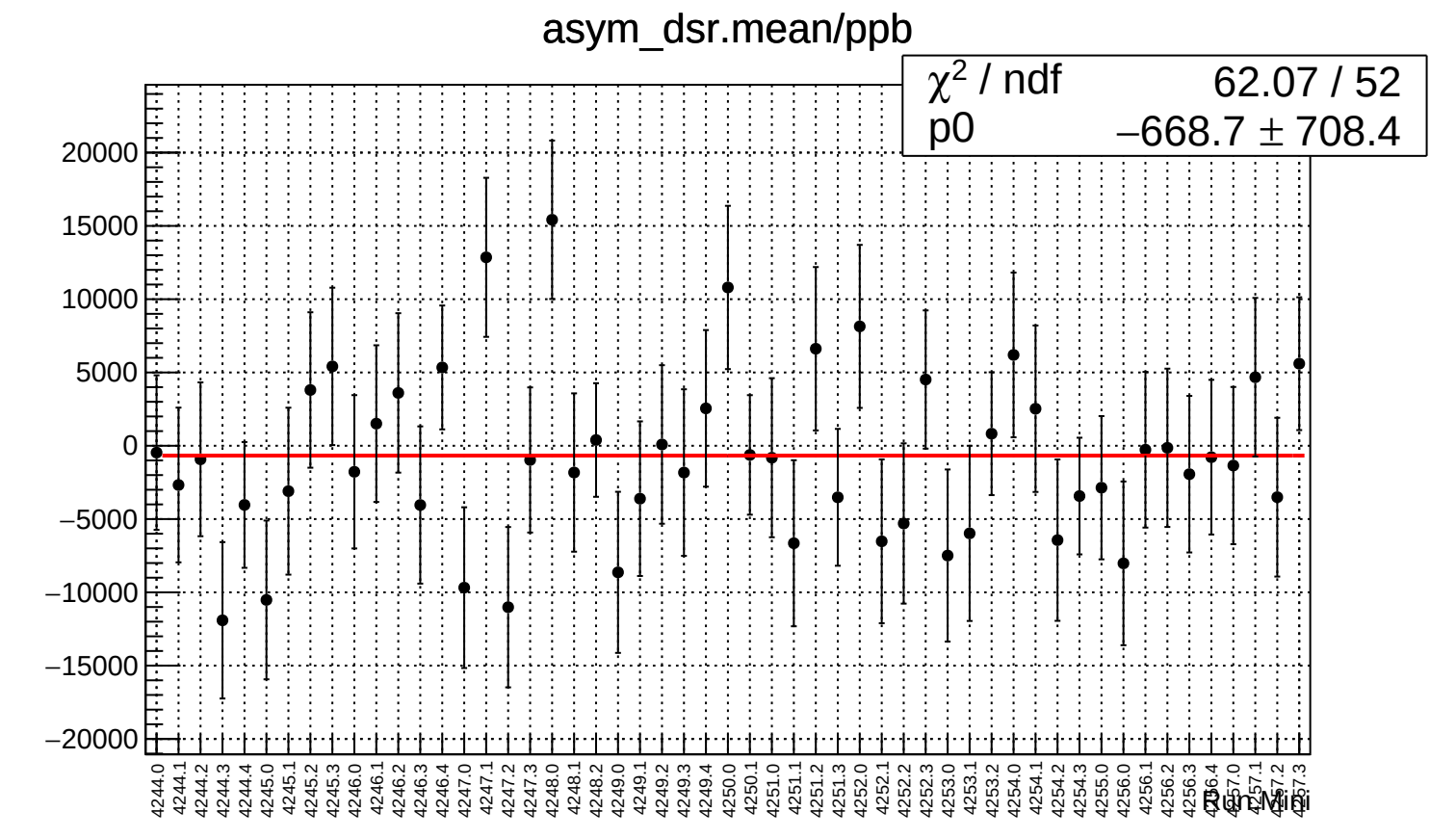
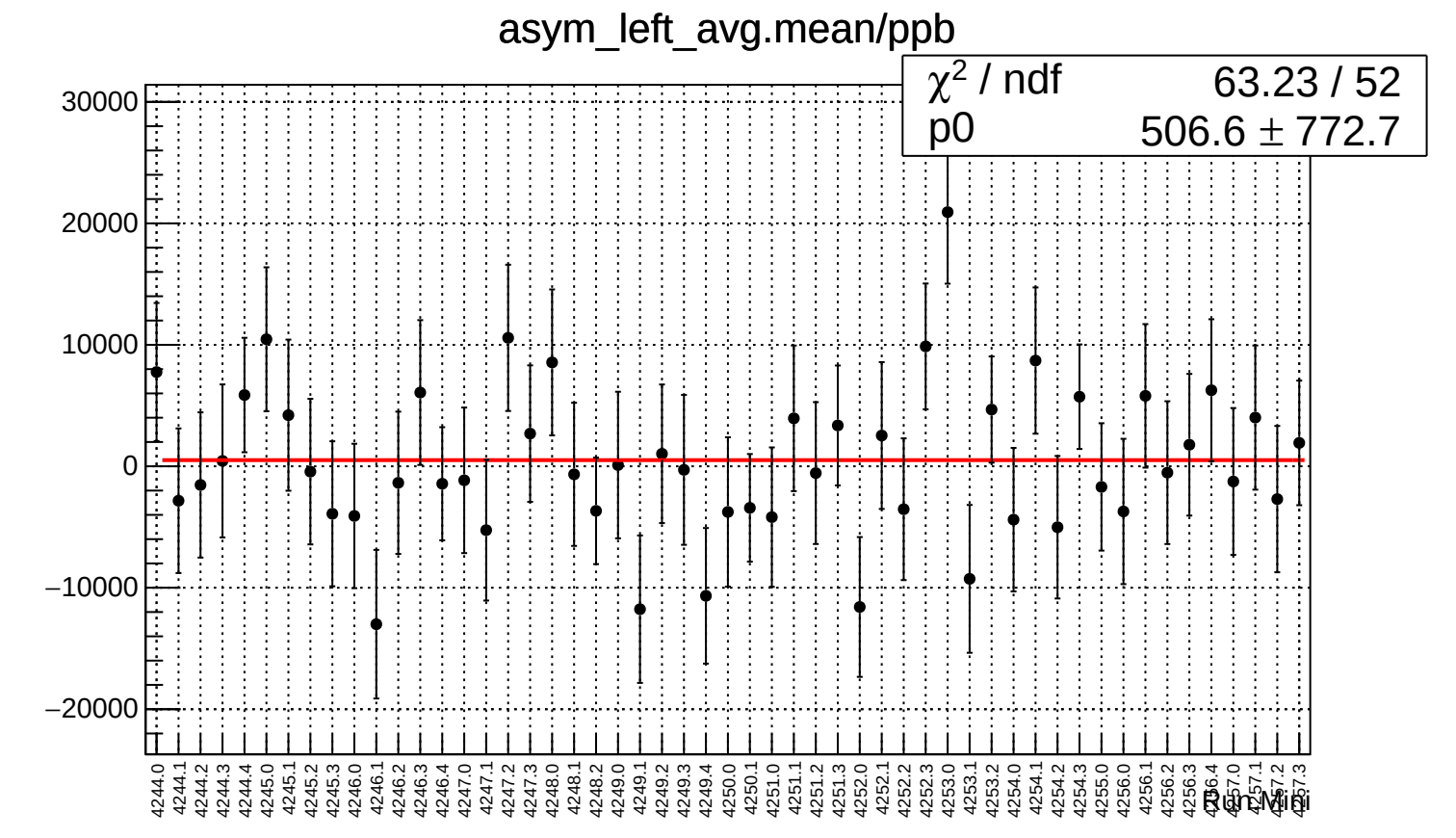
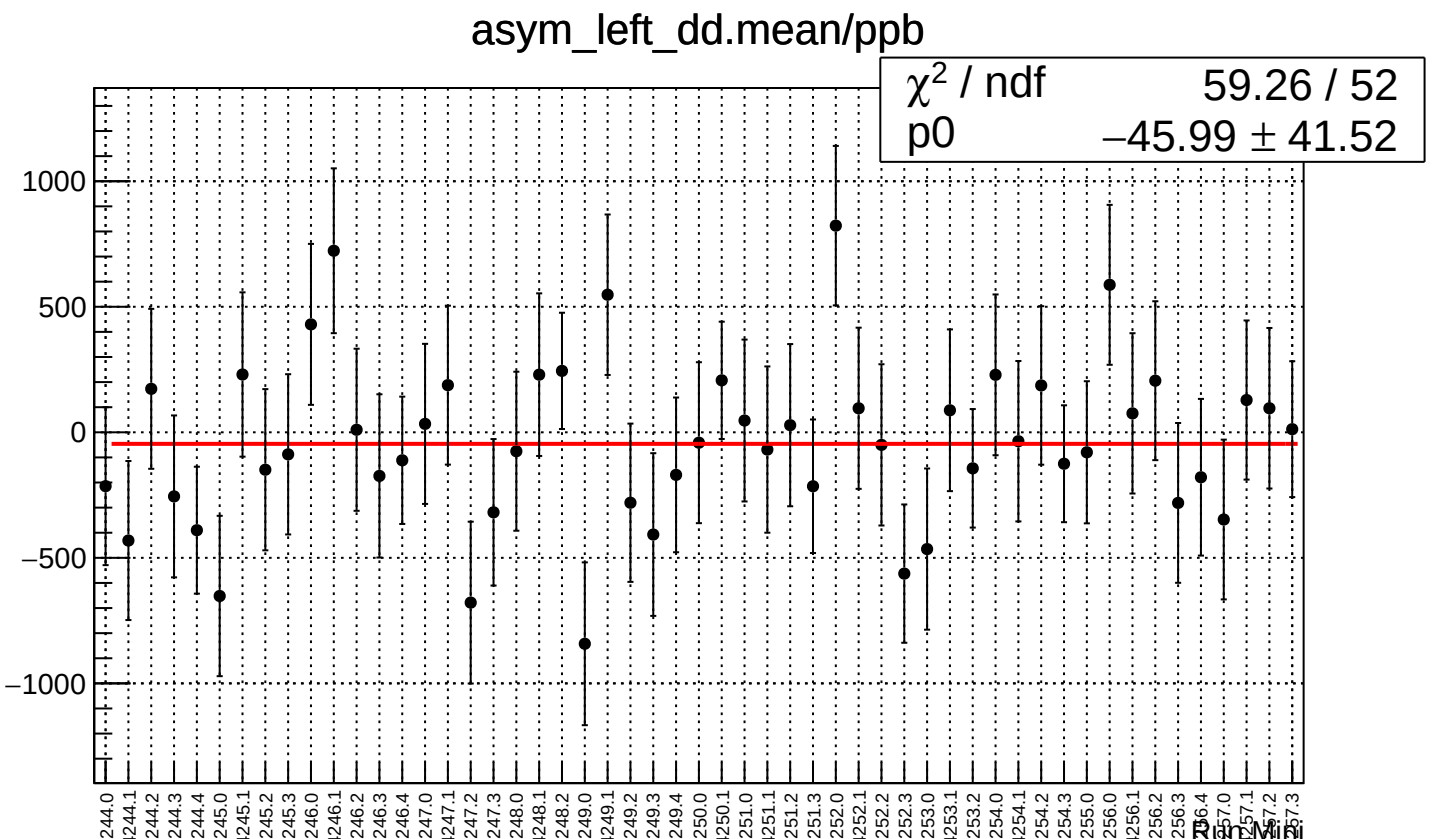
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_dsr.mean/ppb
χ² / ndf 62.07 / 52
p0 −668.7 ± 708.4
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_left_avg.mean/ppb
χ² / ndf 63.23 / 52
p0 506.6 ± 772.7
30000
20000
10000
0
−10000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_left_dd.mean/ppb
χ² / ndf 59.26 / 52
p0 −45.99 ± 41.52
1000
500
0
−500
−1000
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4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
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4253.2
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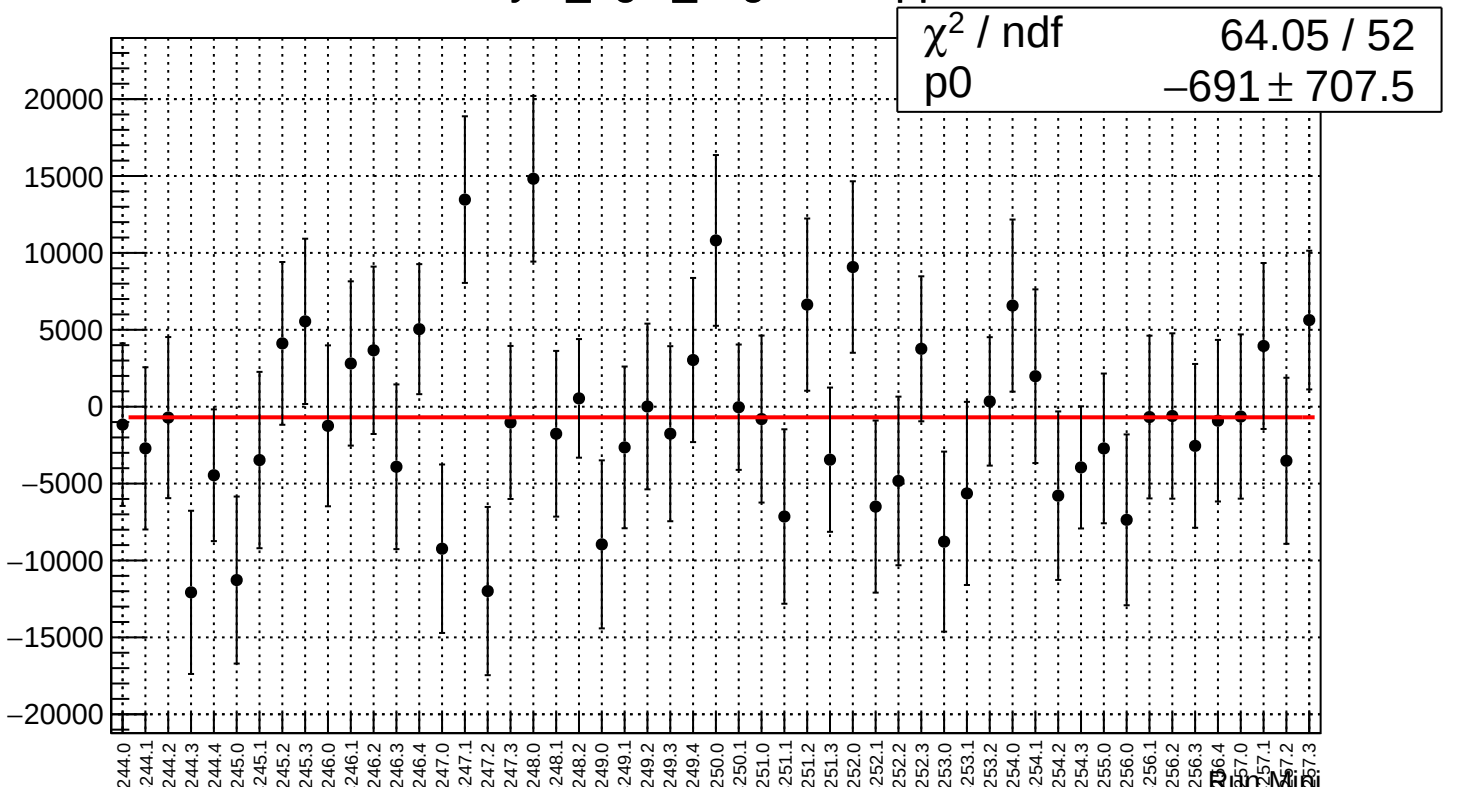
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


asym_right_avg.mean/ppb
χ² / ndf 64.05 / 52
p0 −691 ± 707.5
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
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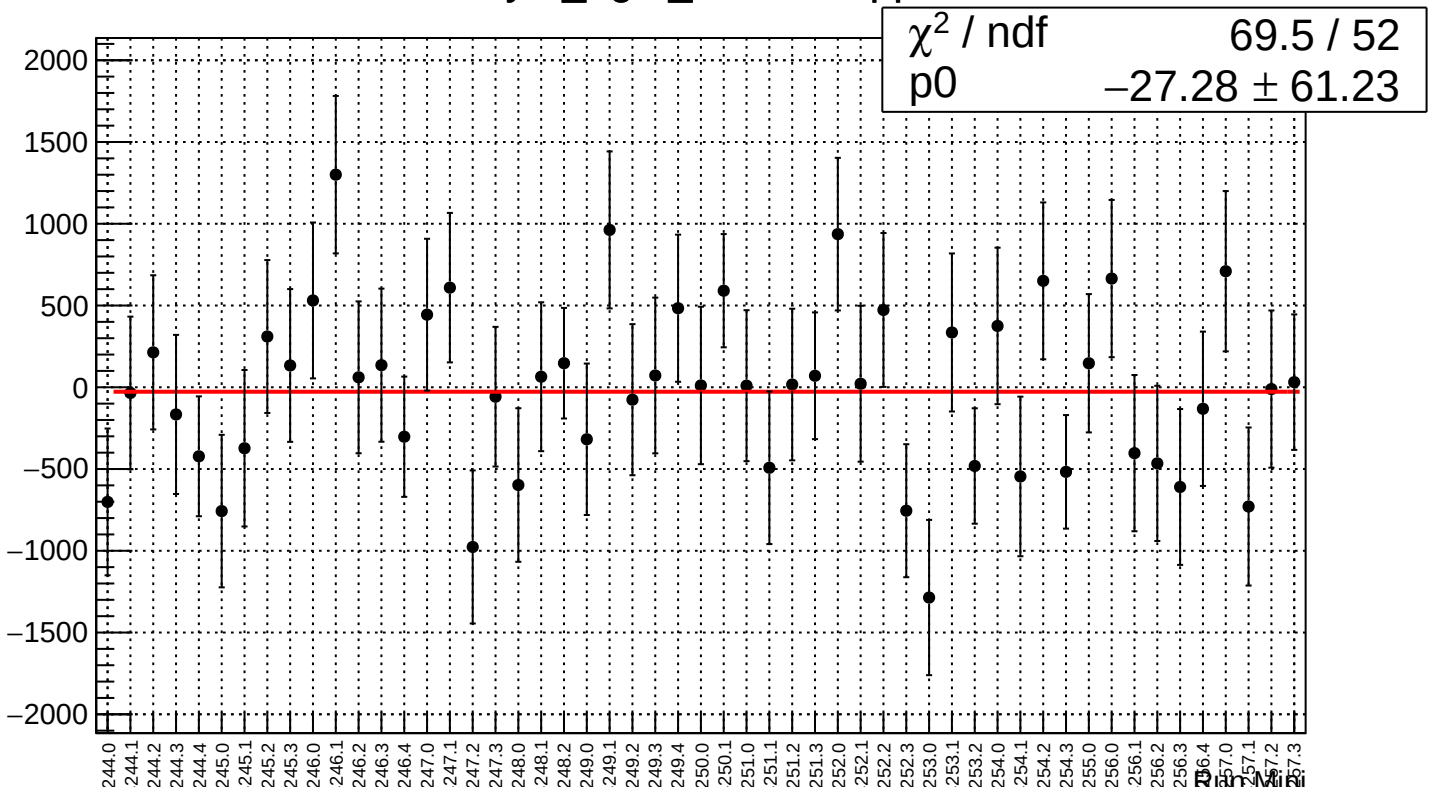
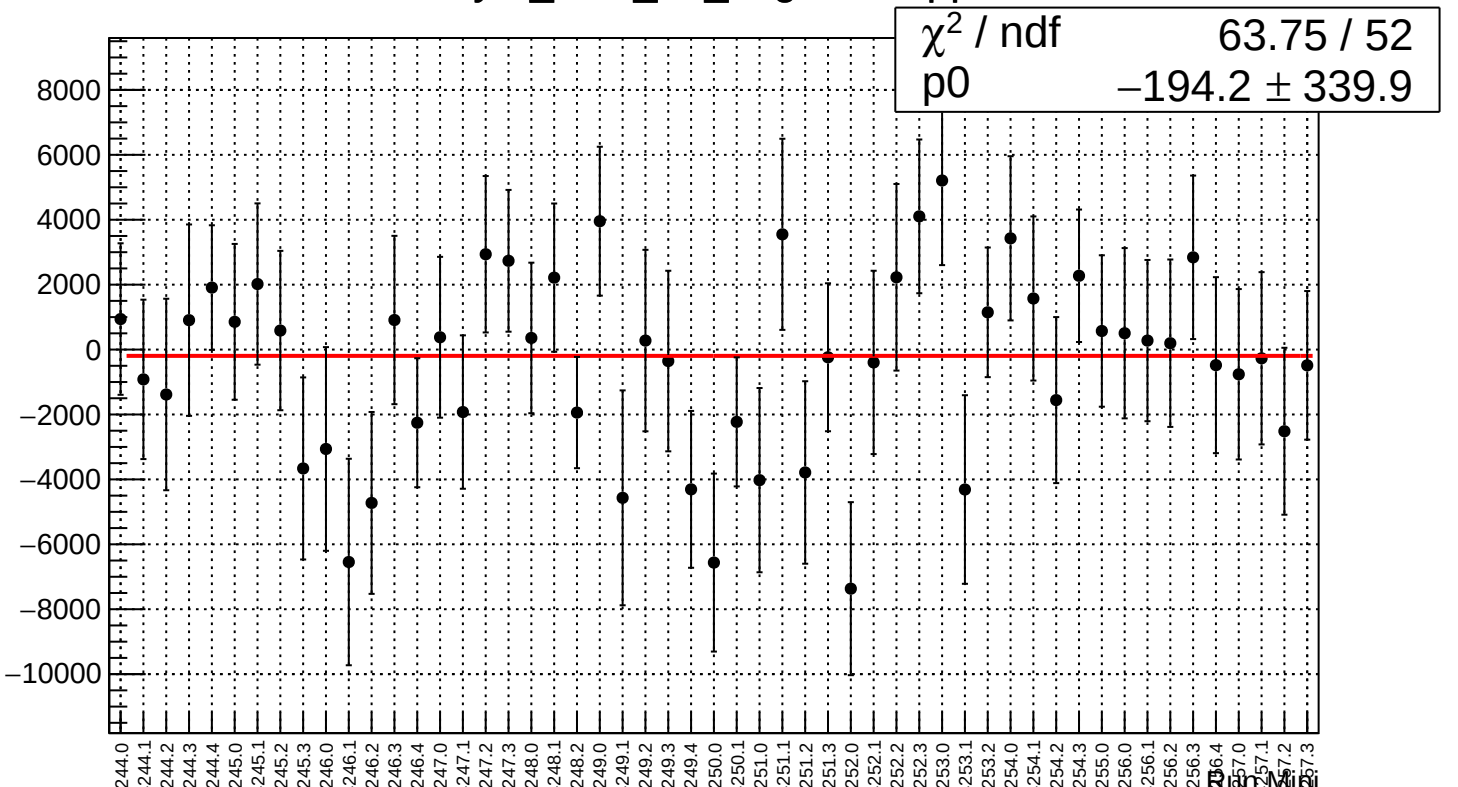
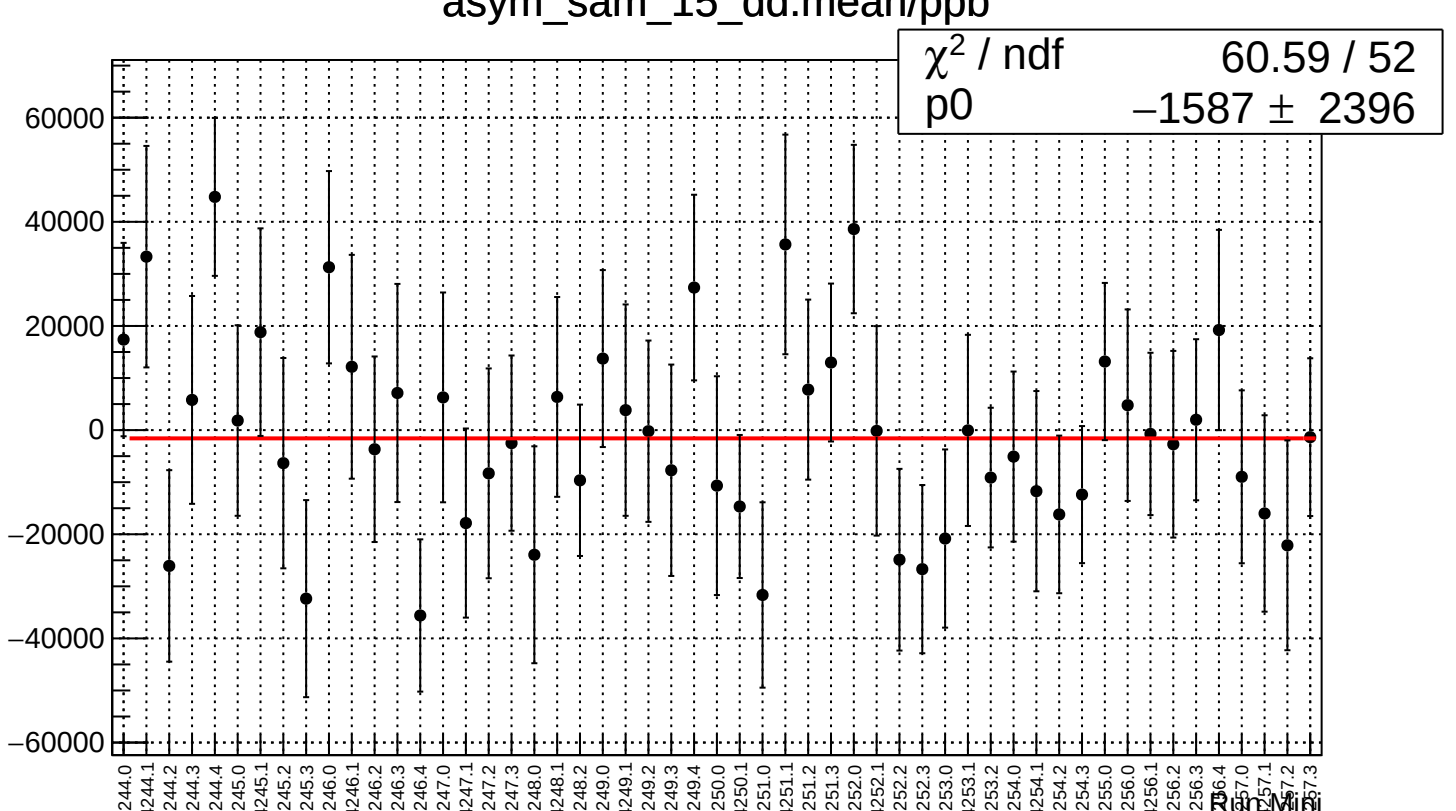
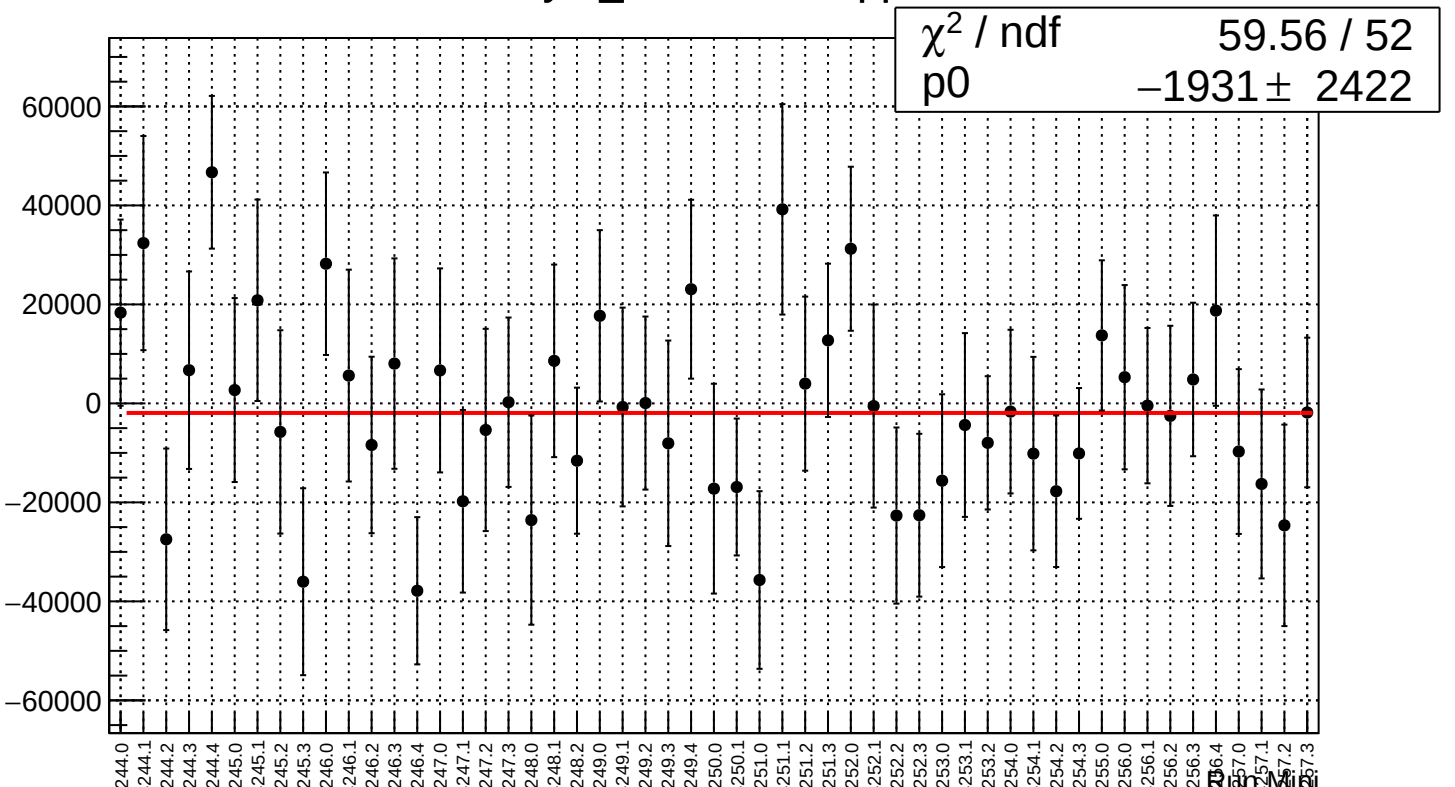
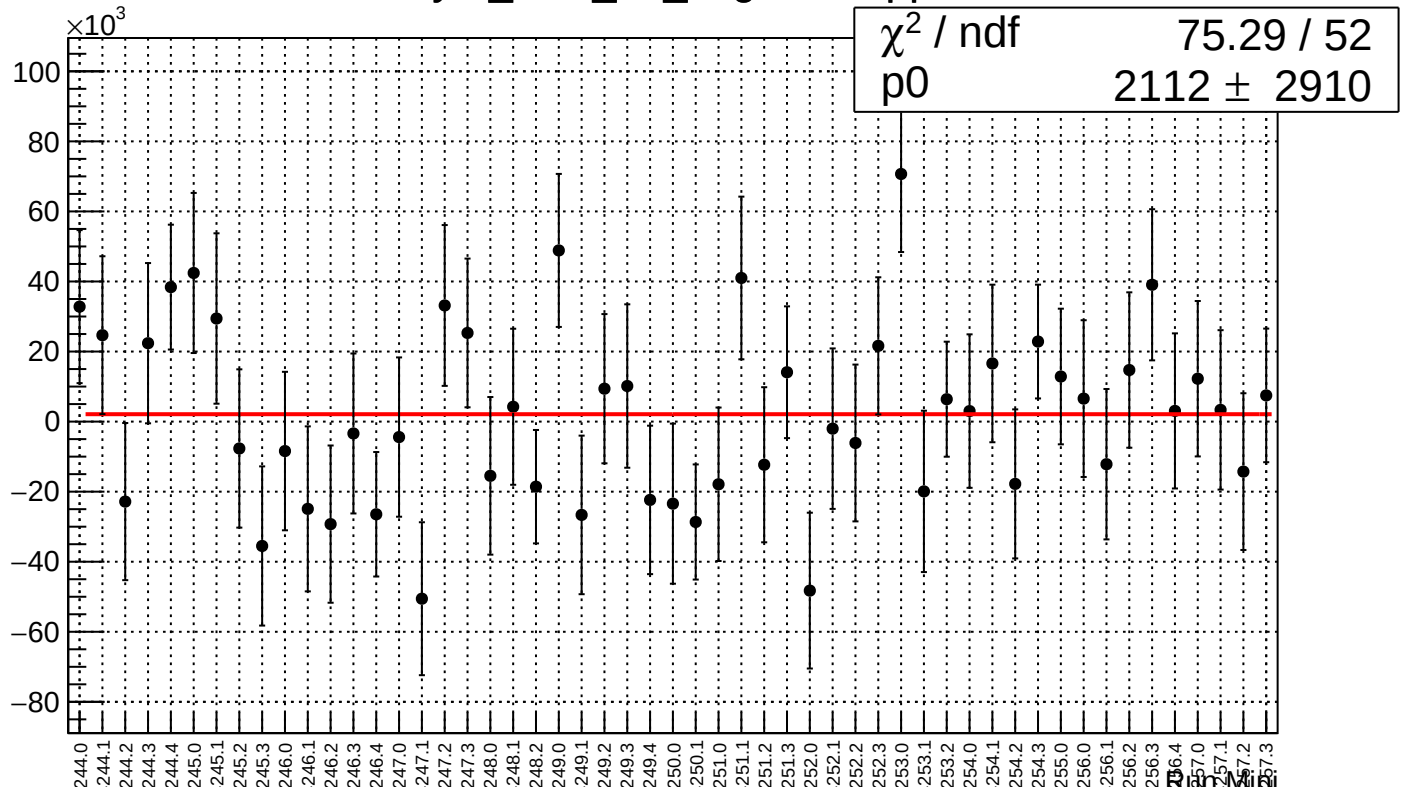
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

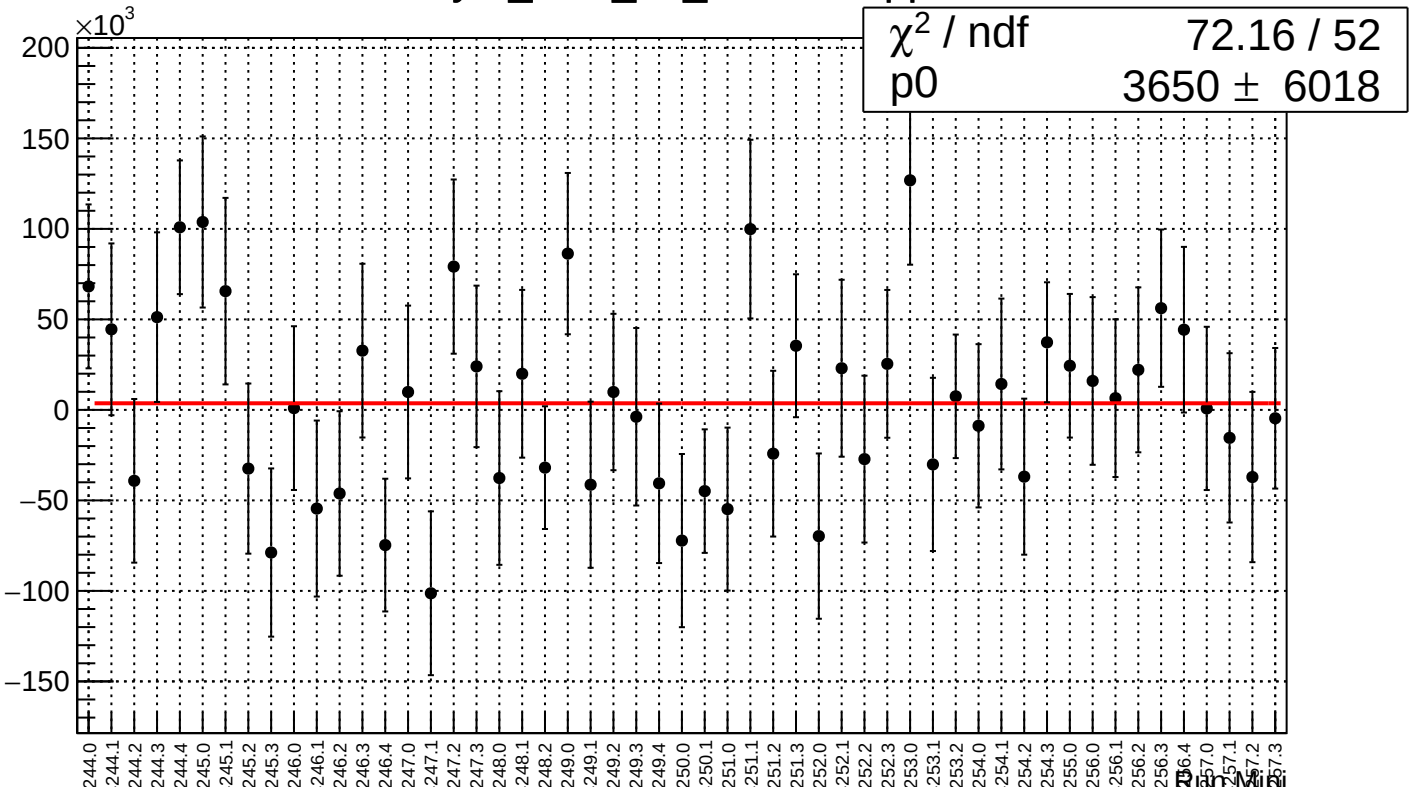

asym_right_dd.mean/ppb
χ² / ndf 69.5 / 52
p0 –27.28 ± 61.23
2000
1500
1000
500
0
−500
−1000
−1500
−2000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

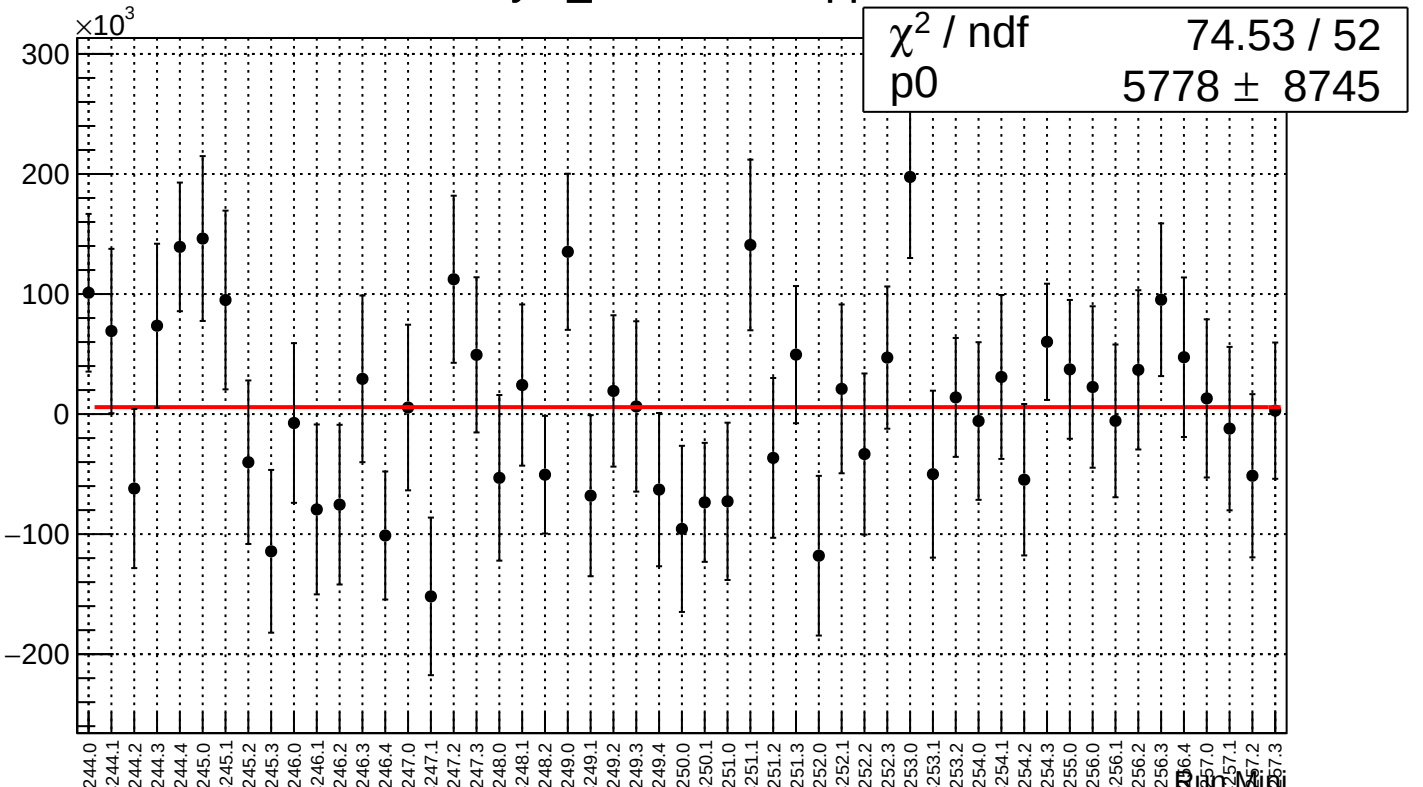

asym_sam_15_avg.mean/ppb
χ² / ndf 63.75 / 52
p0 −194.2 ± 339.9
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

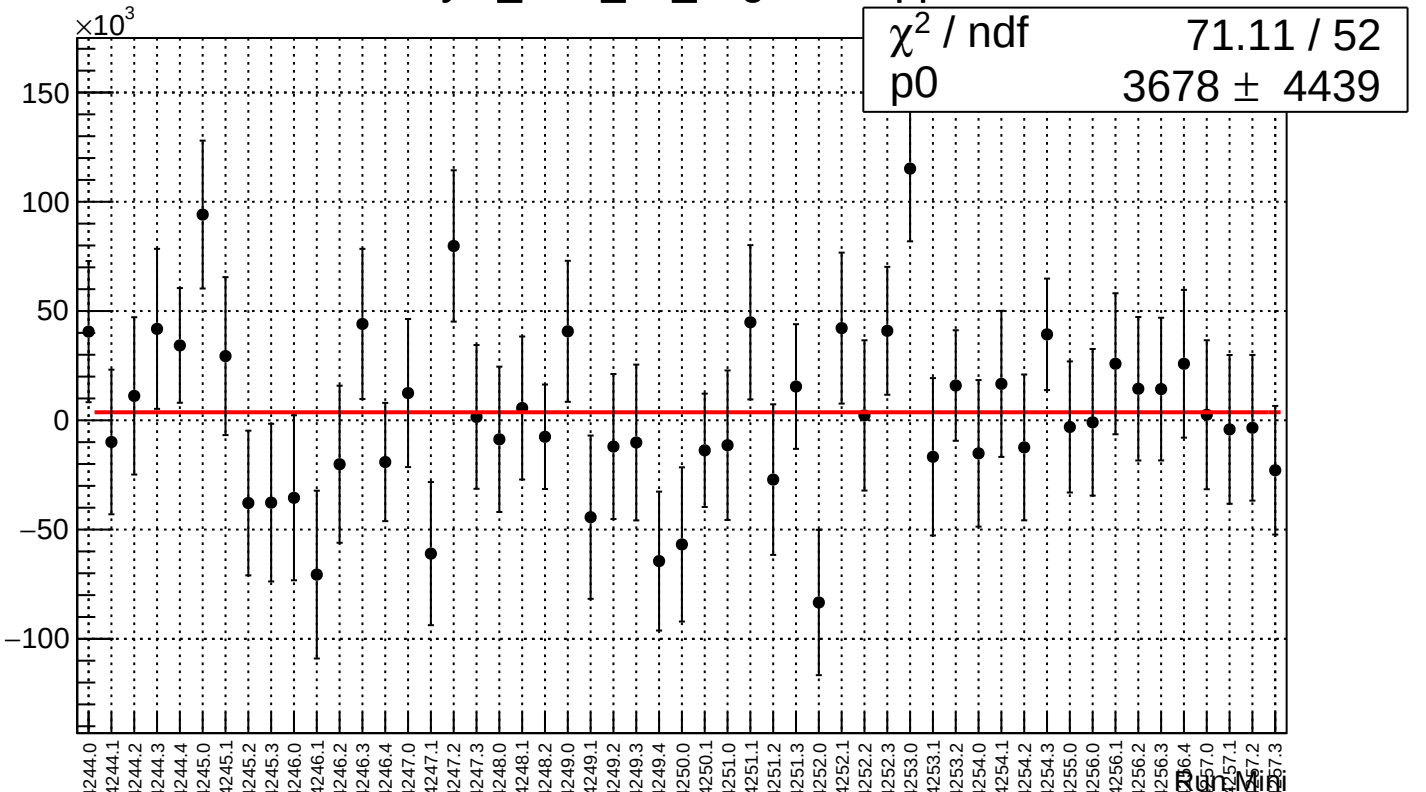

asym_sam_15_dd.mean/ppb
χ² / ndf 60.59 / 52
p0 –1587 ± 2396
60000
40000
20000
0
–20000
–40000
–60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

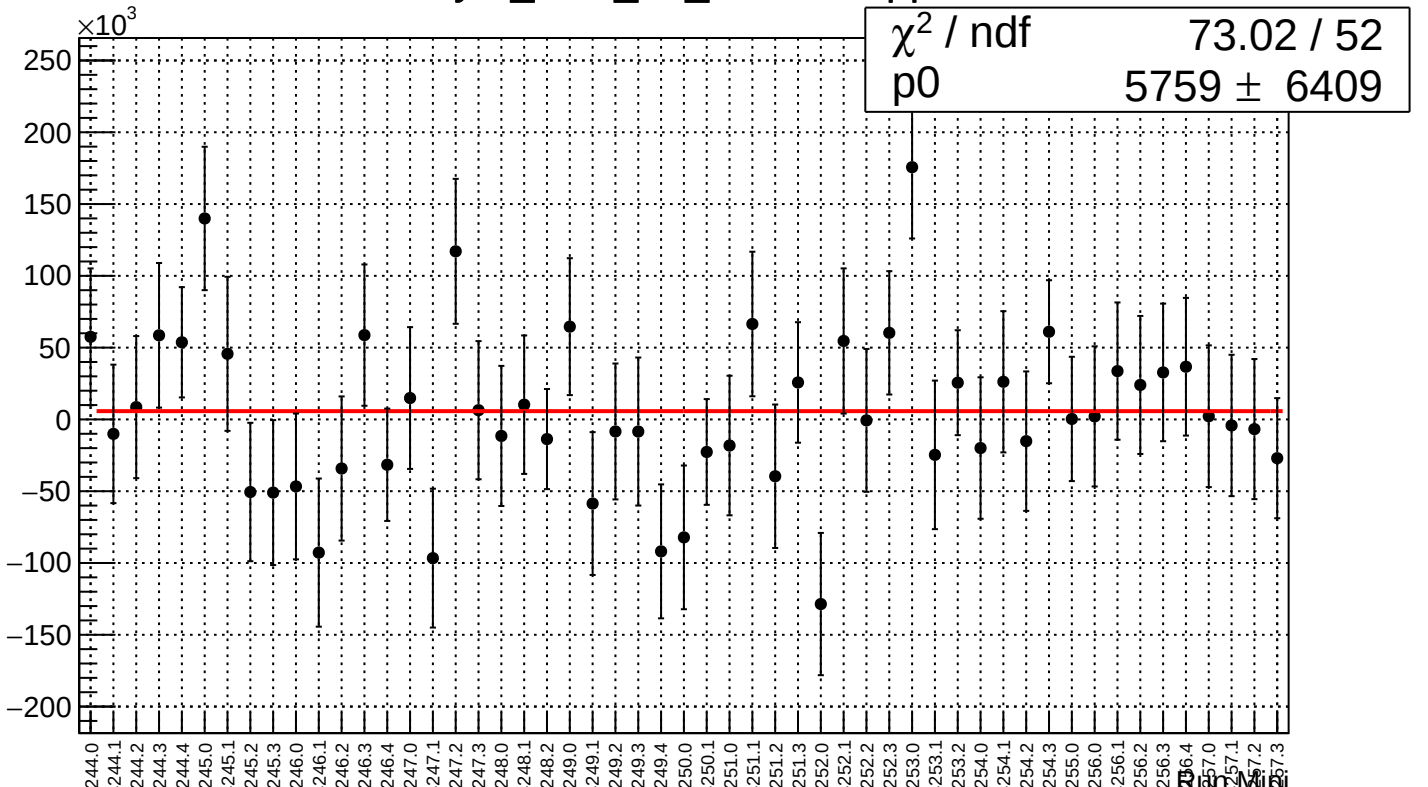

asym_sam1.mean/ppb
χ² / ndf 59.56 / 52
p0 −1931 ± 2422
60000
40000
20000
0
−20000
−40000
−60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

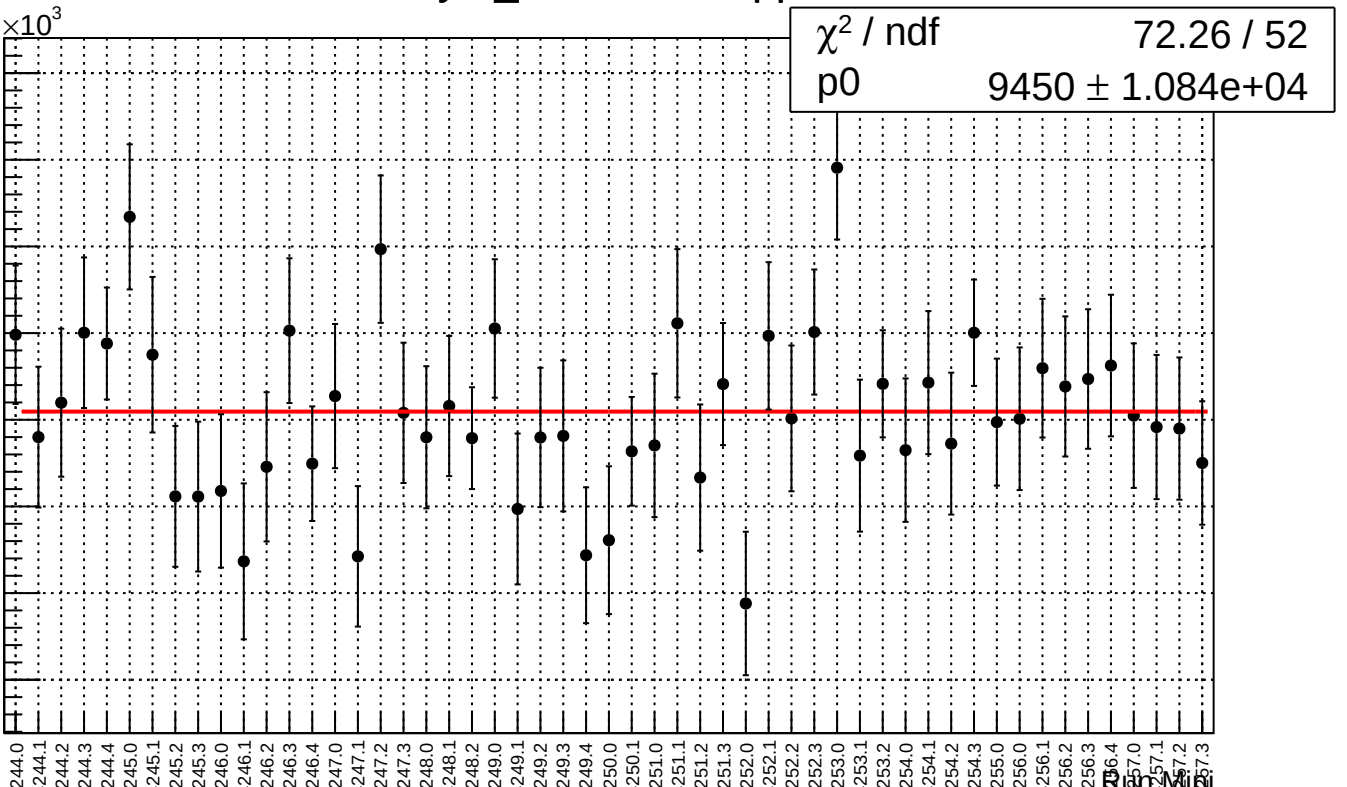

asym_sam_26_avg.mean/ppb
×10^3
χ^2 / ndf 75.29 / 52
p0 2112 ± 2910
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

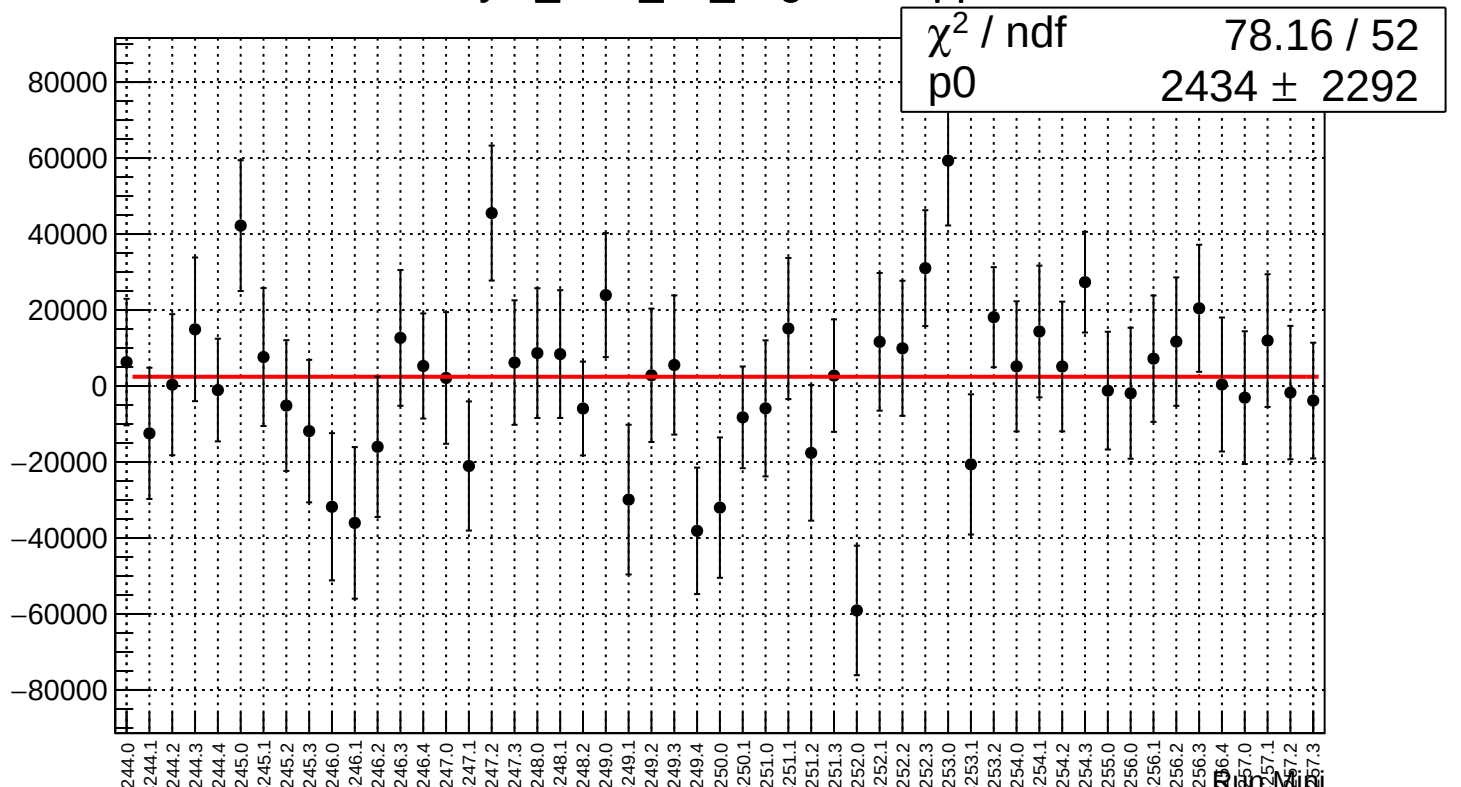

asym_sam_26_dd.mean/ppb
×10^3
χ^2 / ndf 72.16 / 52
p0 3650 ± 6018
200
150
100
50
0
−50
−100
−150
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

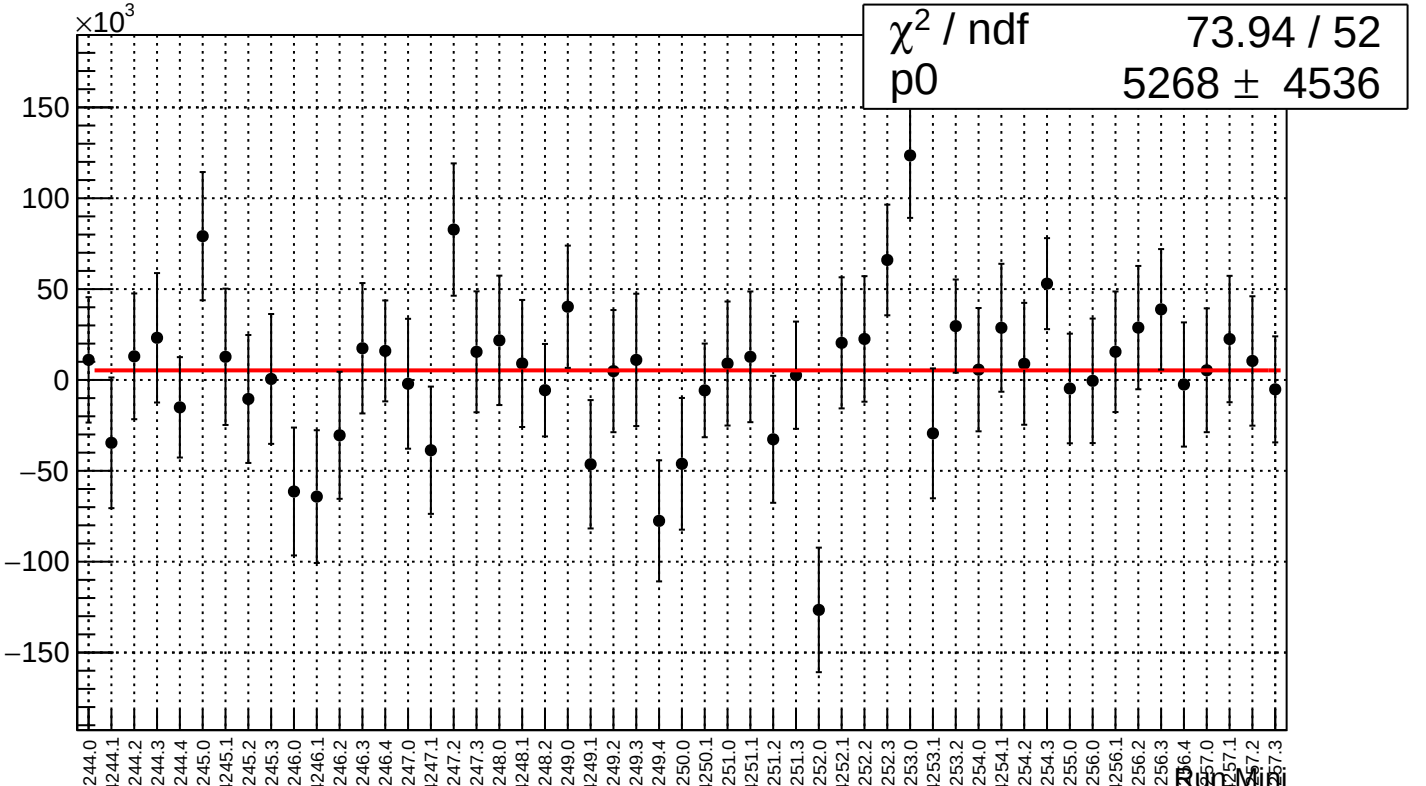

asym_sam2.mean/ppb
×10^3
χ^2 / ndf 74.53 / 52
p0 5778 ± 8745
300
200
100
0
−100
−200
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

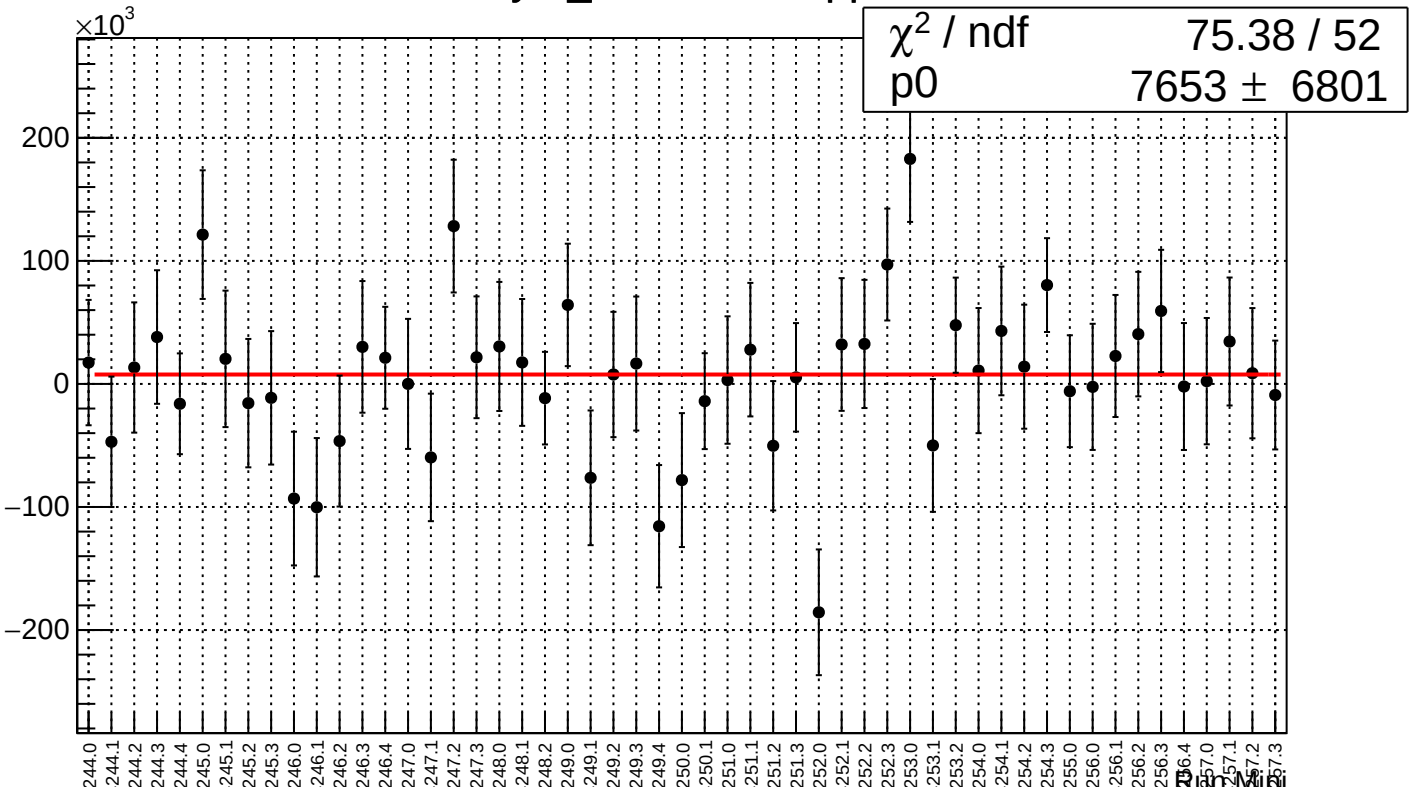

asym_sam_37_avg.mean/ppb
×10^3
χ^2 / ndf 71.11 / 52
p0 3678 ± 4439
150
100
50
0
−50
−100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

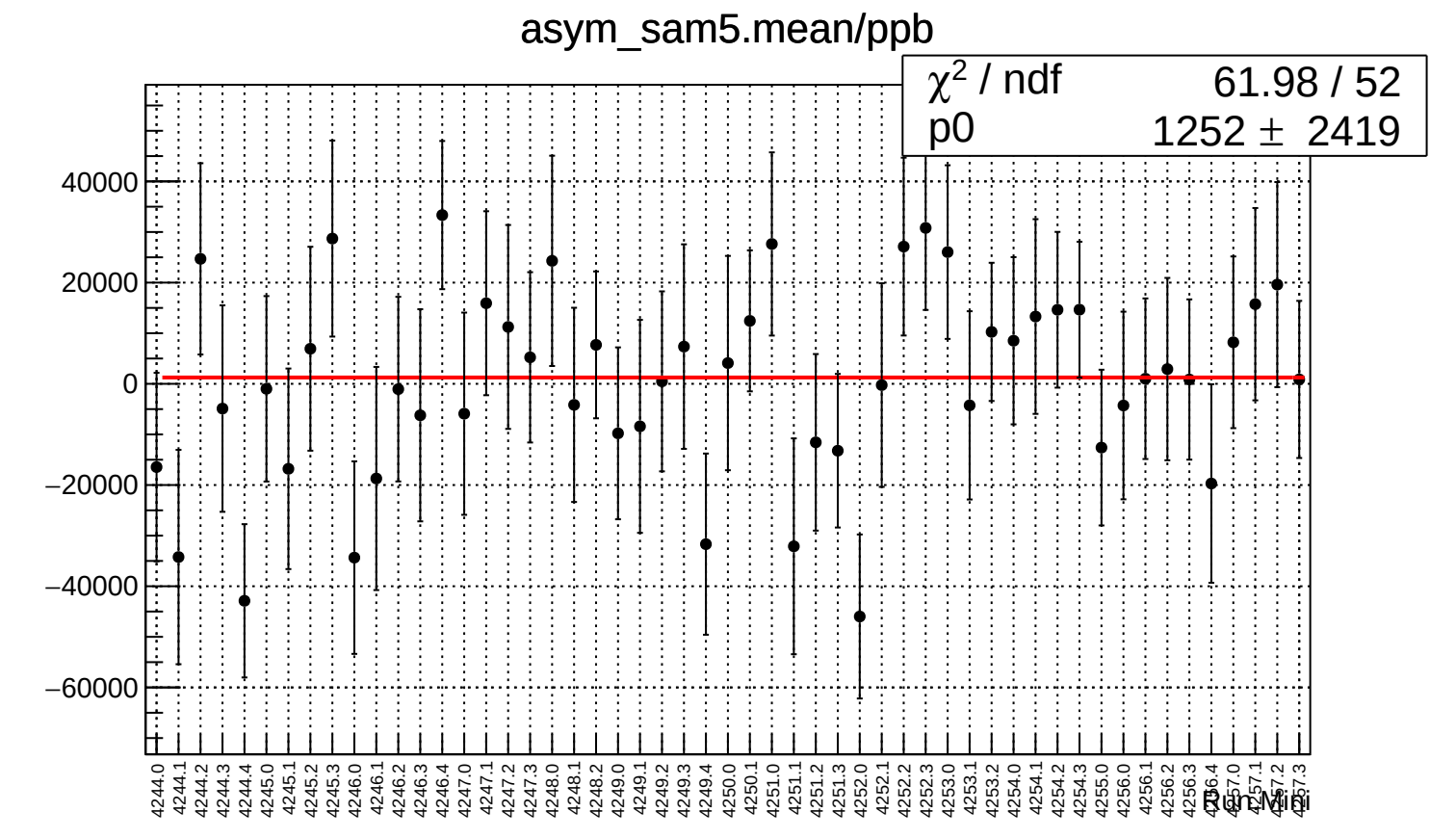

asym_sam_37_dd.mean/ppb
×10^3
χ^2 / ndf 73.02 / 52
p0 5759 ± 6409
250
200
150
100
50
0
−50
−100
−150
−200
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

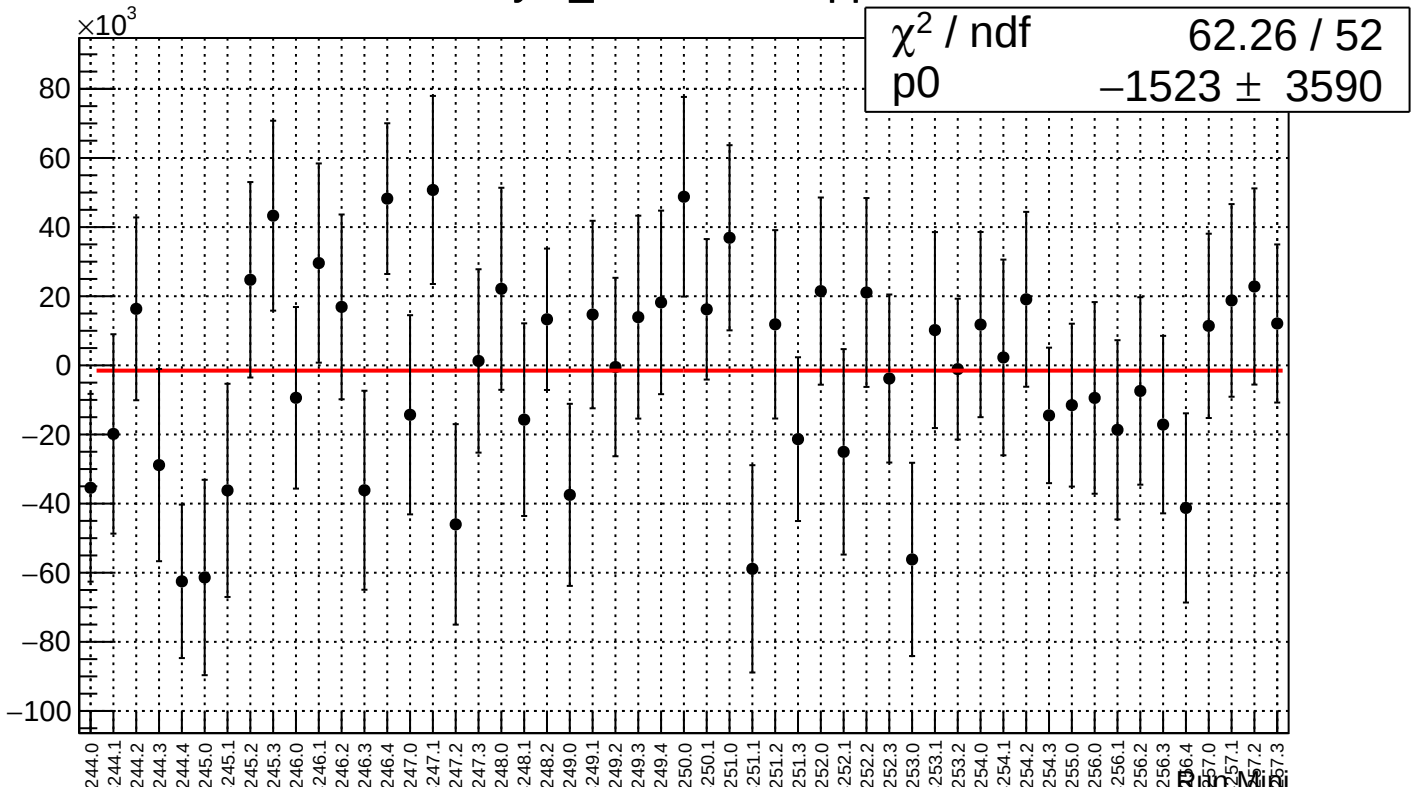

asym_sam3.mean/ppb
×10^3
χ² / ndf 72.26 / 52
p0 9450 ± 1.084e+04
400
300
200
100
0
−100
−200
−300
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

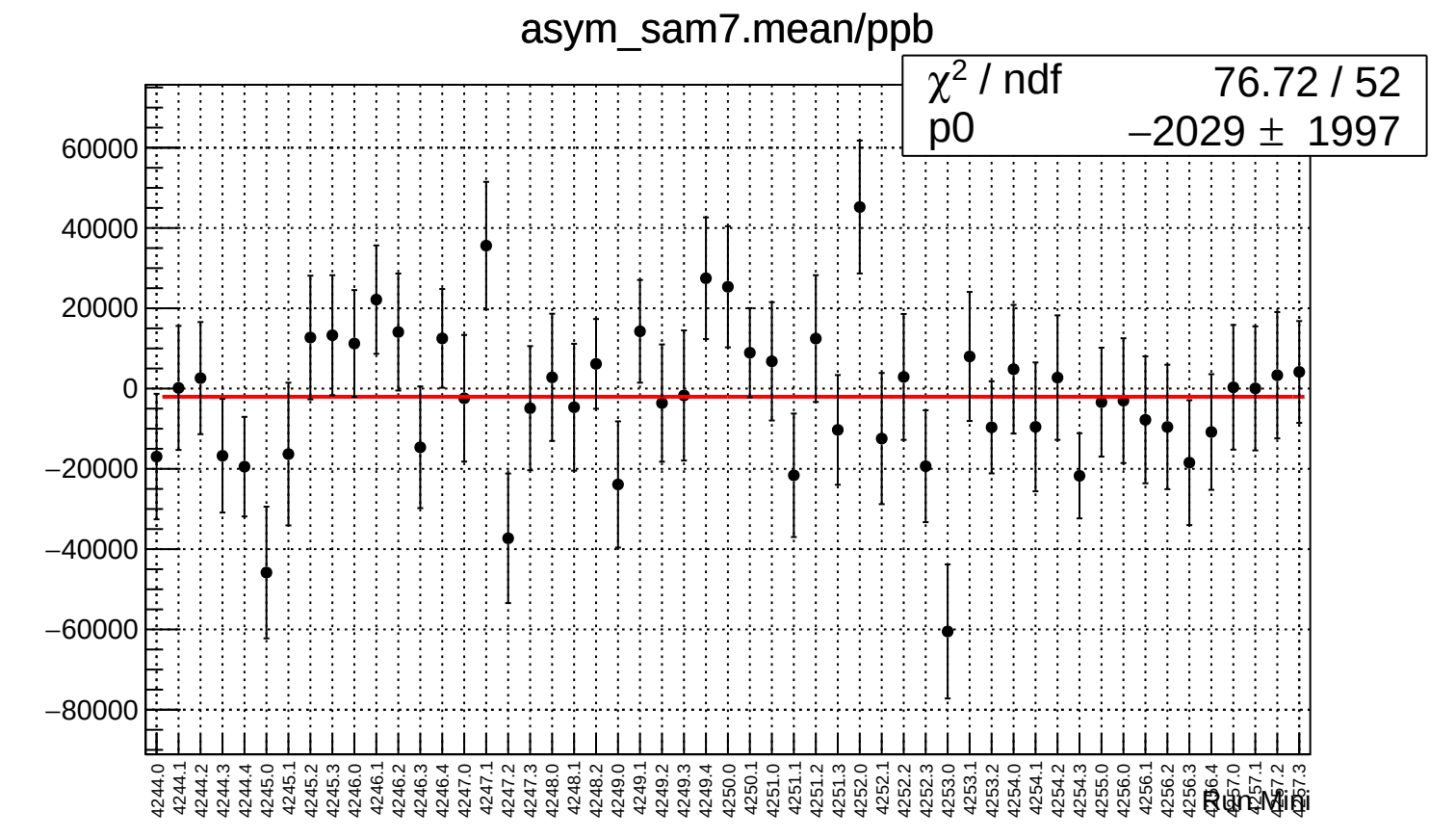

asym_sam_48_avg.mean/ppb
χ² / ndf 78.16 / 52
p0 2434 ± 2292
80000
60000
40000
20000
0
−20000
−40000
−60000
−80000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

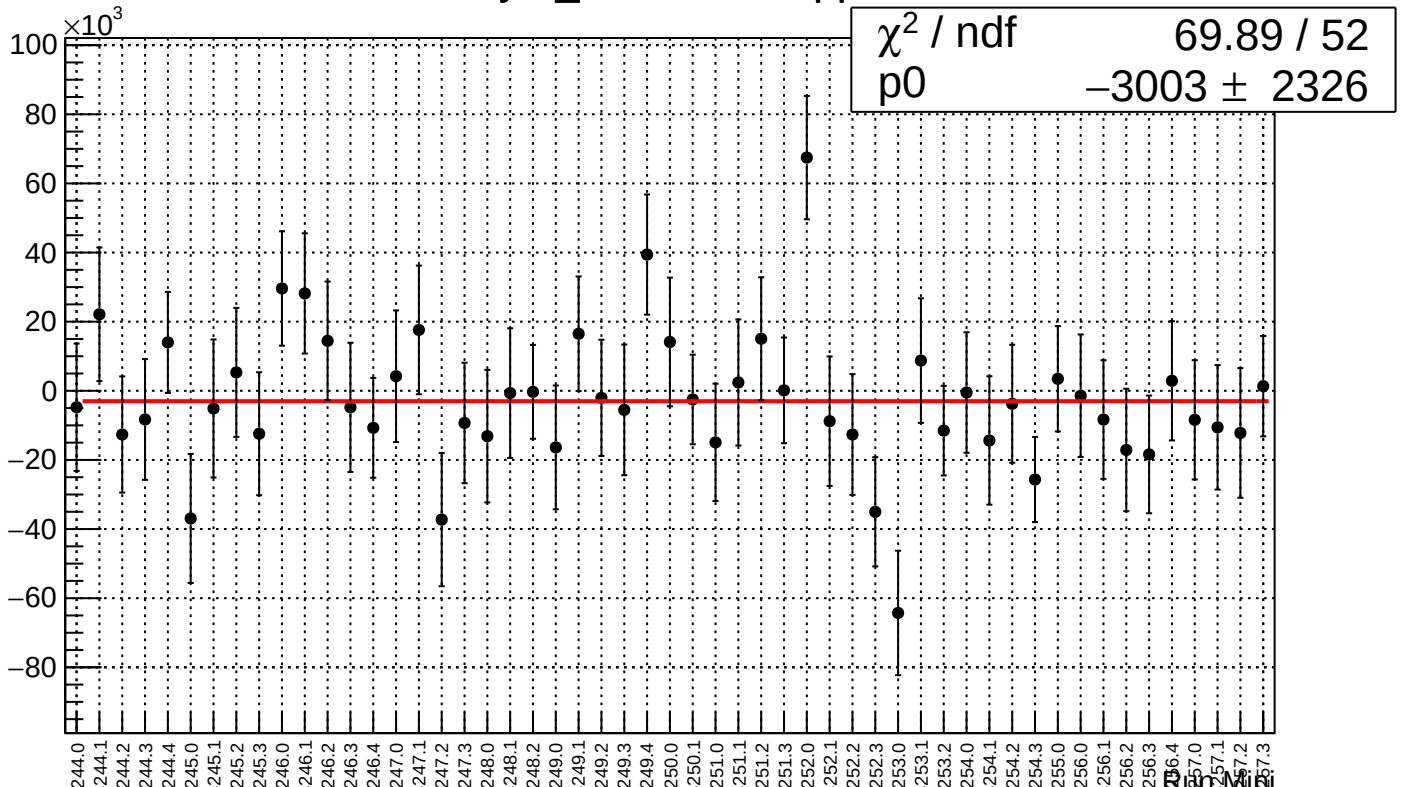

asym_sam_48_dd.mean/ppb
×10^3
χ^2 / ndf 73.94 / 52
p0 5268 ± 4536
150
100
50
0
−50
−100
−150
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

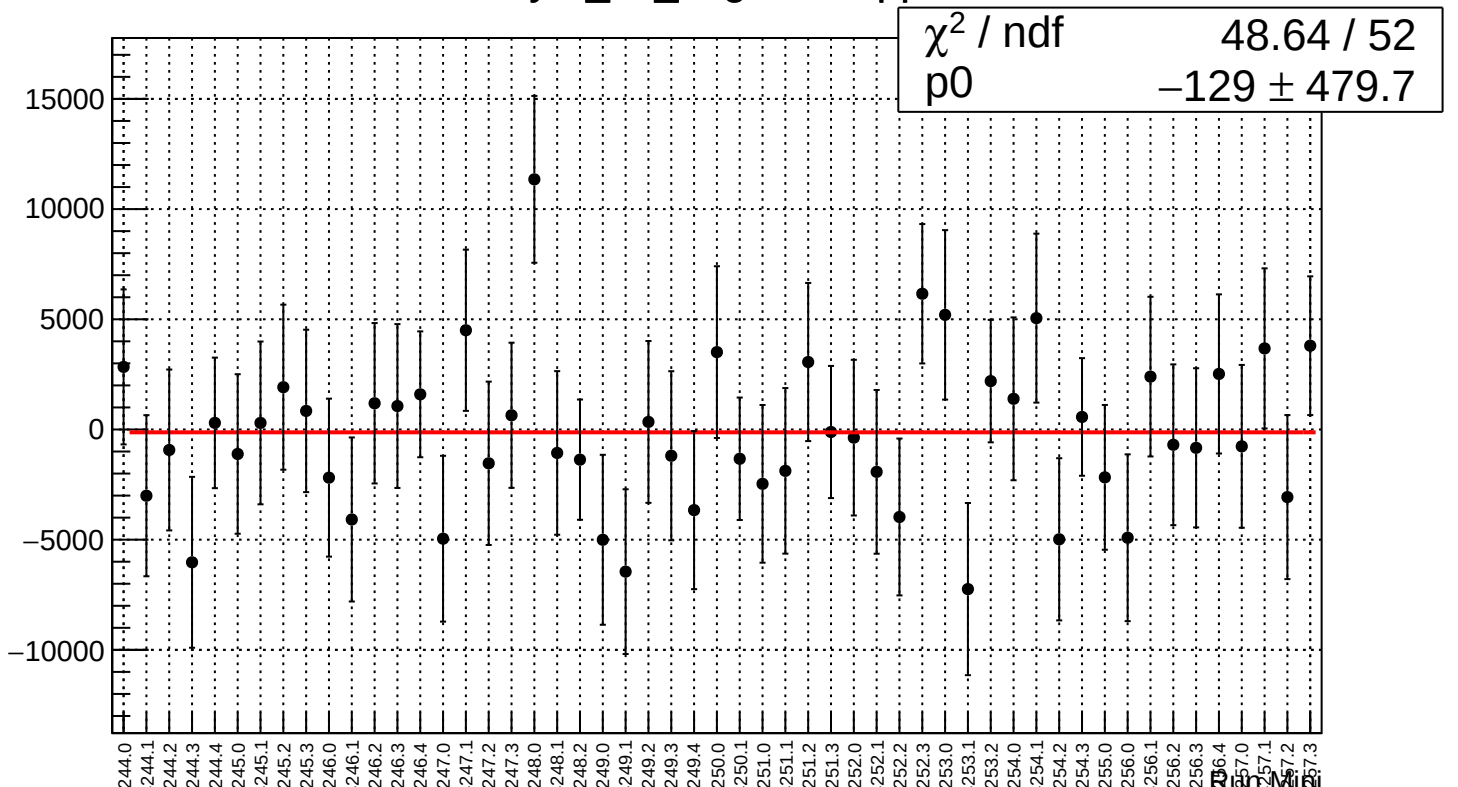

asym_sam4.mean/ppb
×10^3
χ^2 / ndf 75.38 / 52
p0 7653 ± 6801
200
100
0
−100
−200
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

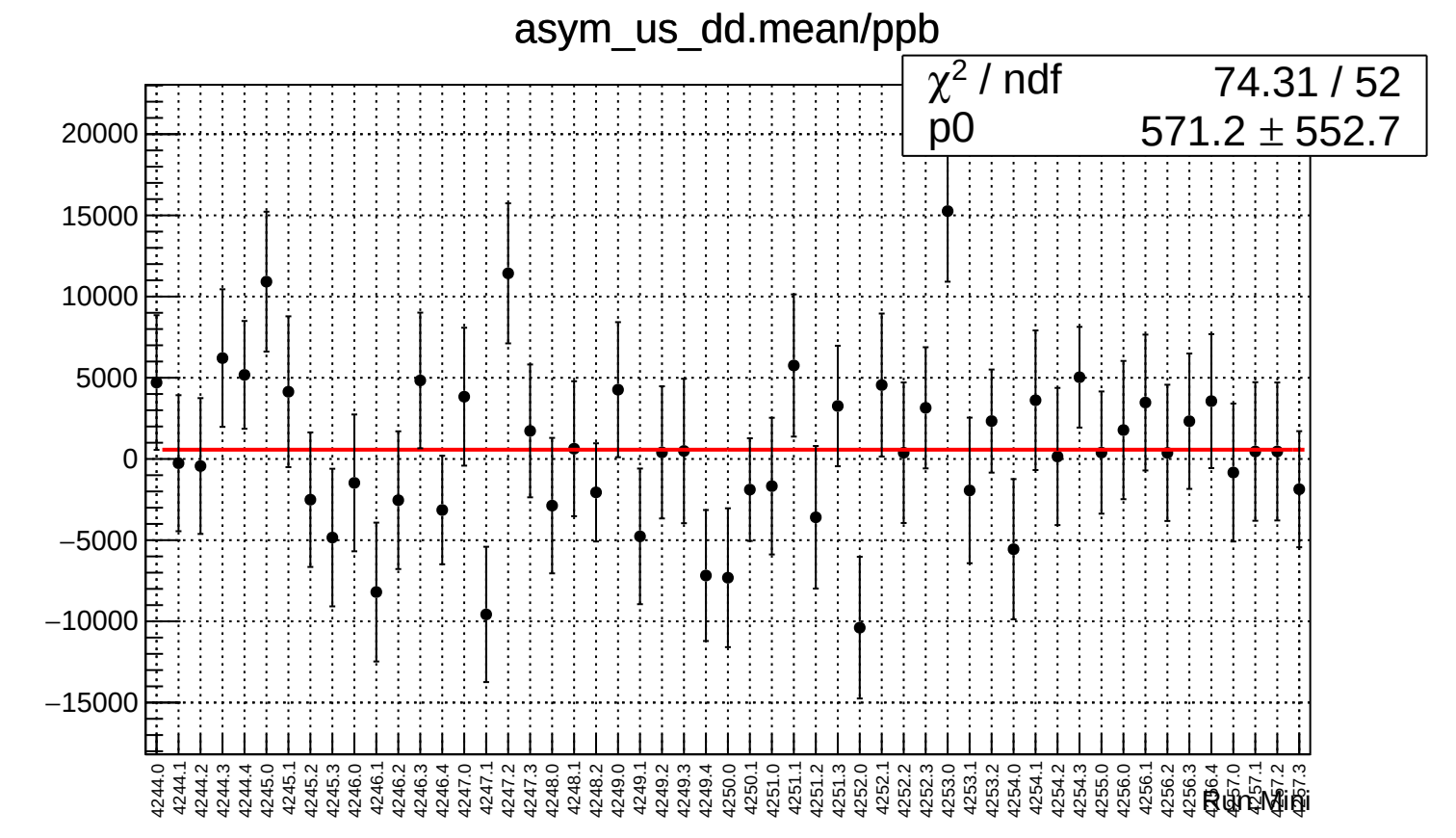

asym_sam5.mean/ppb
χ² / ndf 61.98 / 52
p0 1252 ± 2419
40000
20000
0
−20000
−40000
−60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

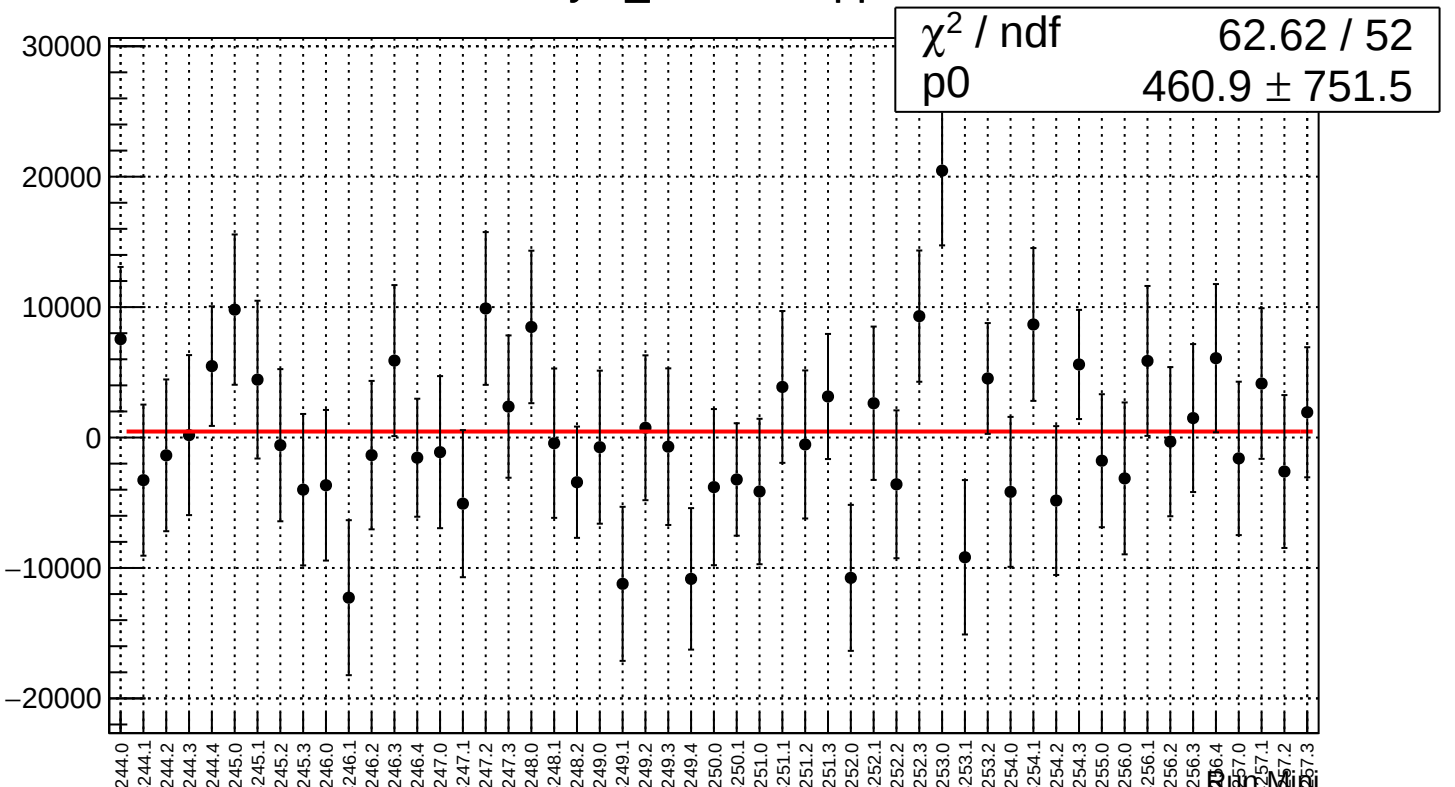

asym_sam6.mean/ppb
×10^3
χ^2 / ndf 62.26 / 52
p0 −1523 ± 3590
80
60
40
20
0
−20
−40
−60
−80
−100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

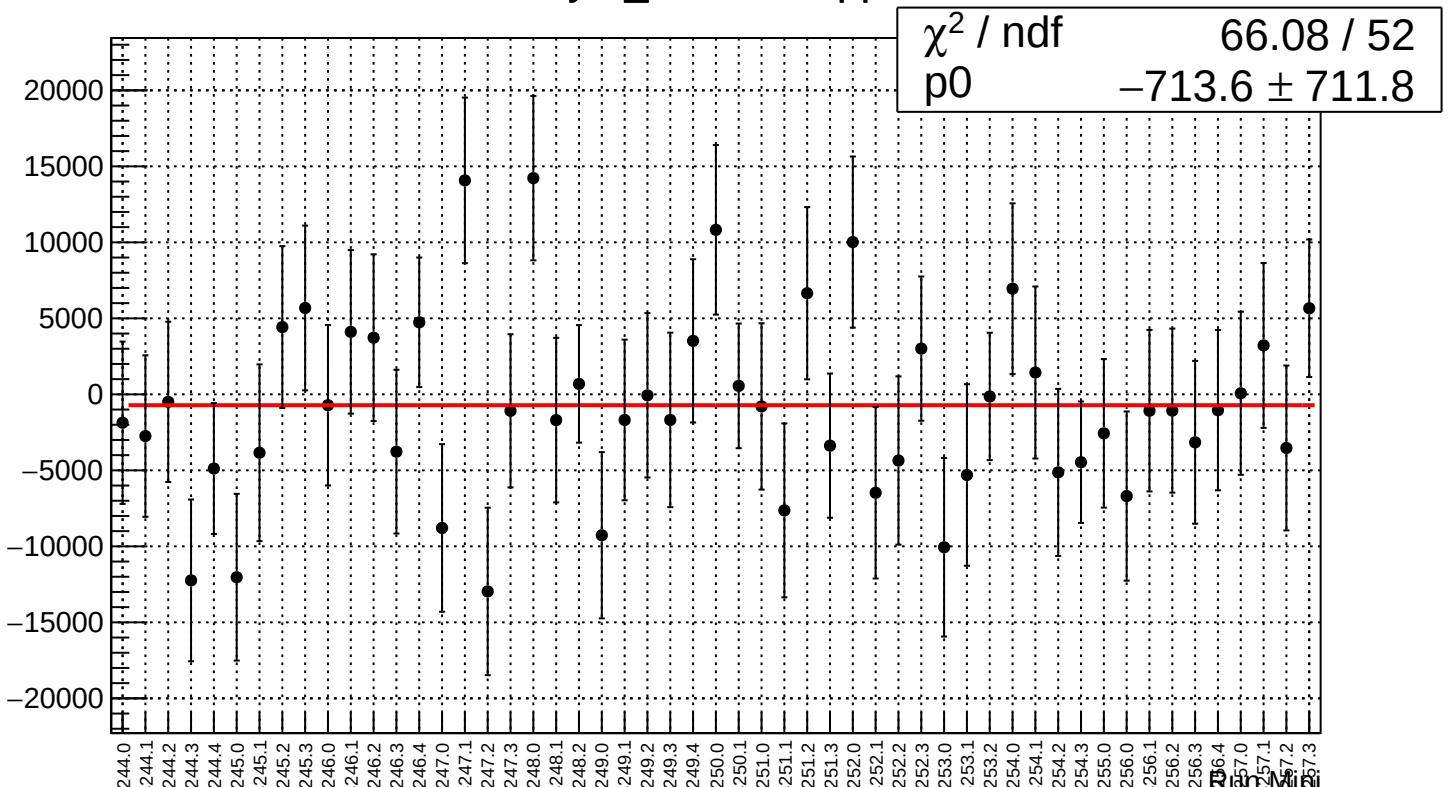

asym_sam7.mean/ppb
χ² / ndf 76.72 / 52
p0 −2029 ± 1997
60000
40000
20000
0
−20000
−40000
−60000
−80000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

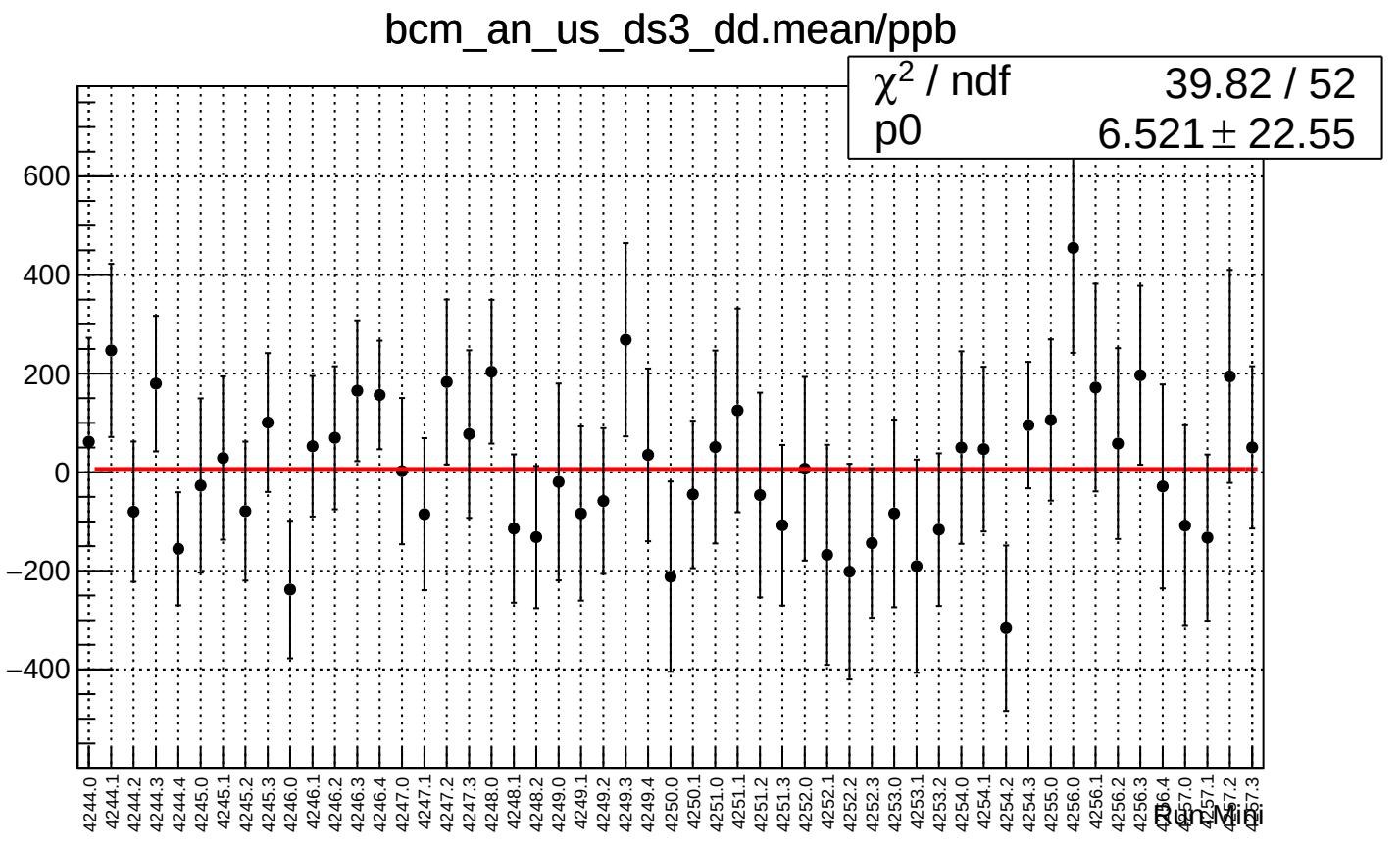

asym_sam8.mean/ppb
×10^3
100
80
60
40
20
0
−20
−40
−60
−80
χ² / ndf 69.89 / 52
p0 −3003 ± 2326
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

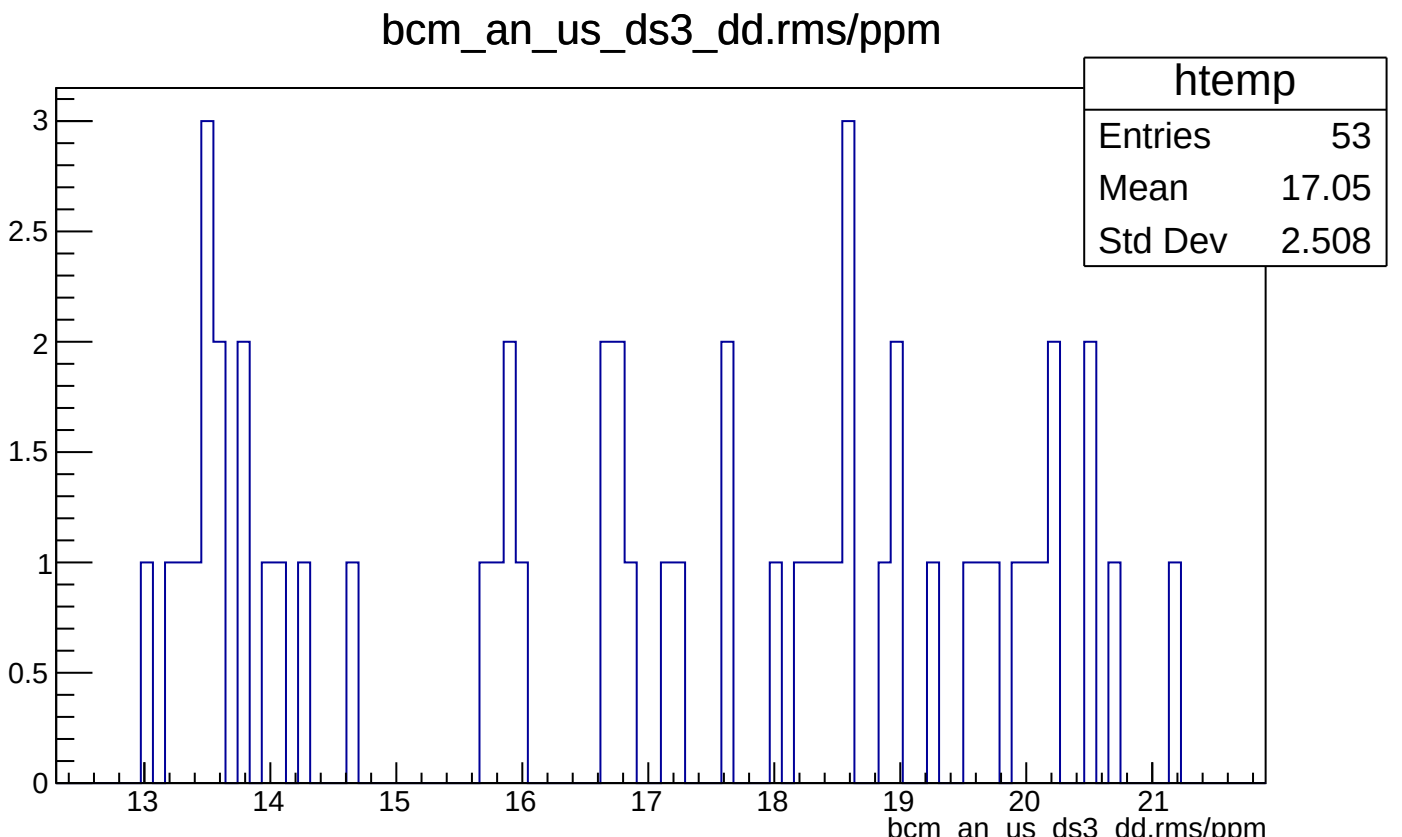

asym_us_avg.mean/ppb
χ² / ndf 48.64 / 52
p0 −129 ± 479.7
15000
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

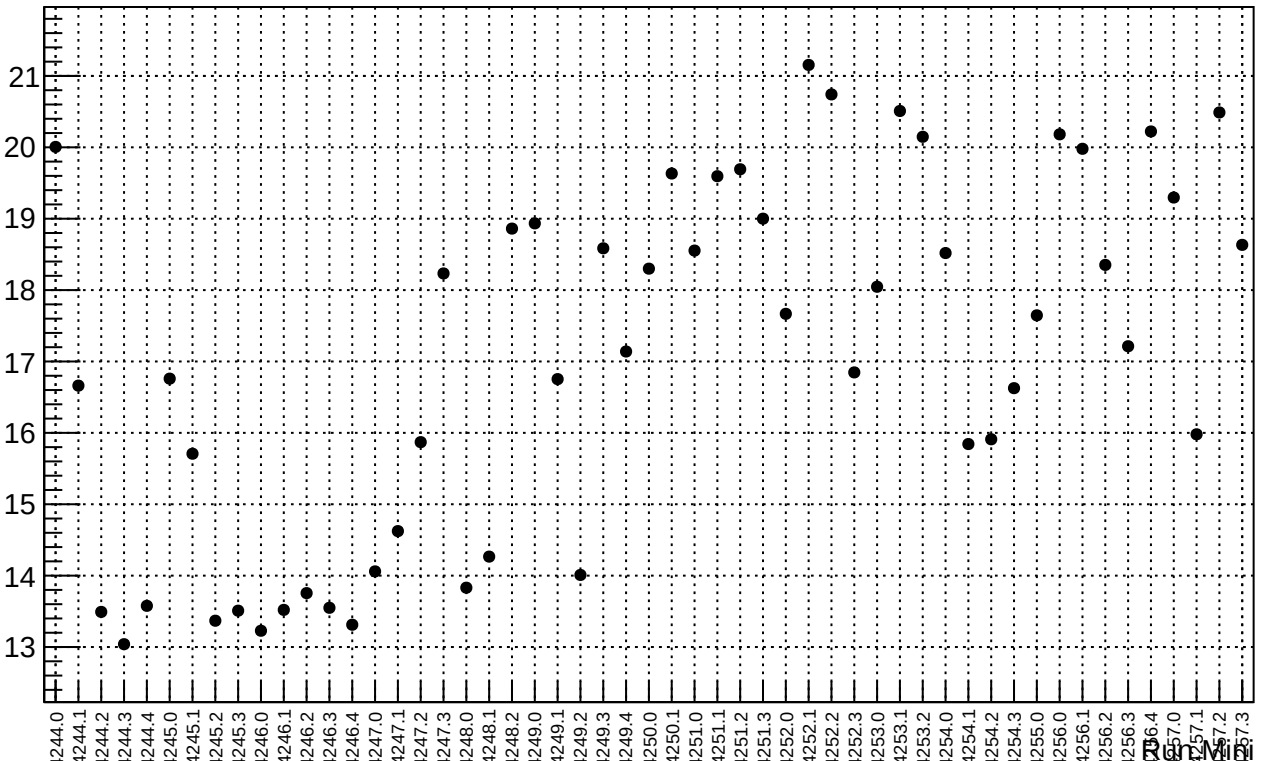

asym_us_dd.mean/ppb
χ² / ndf 74.31 / 52
p0 571.2 ± 552.7
20000
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

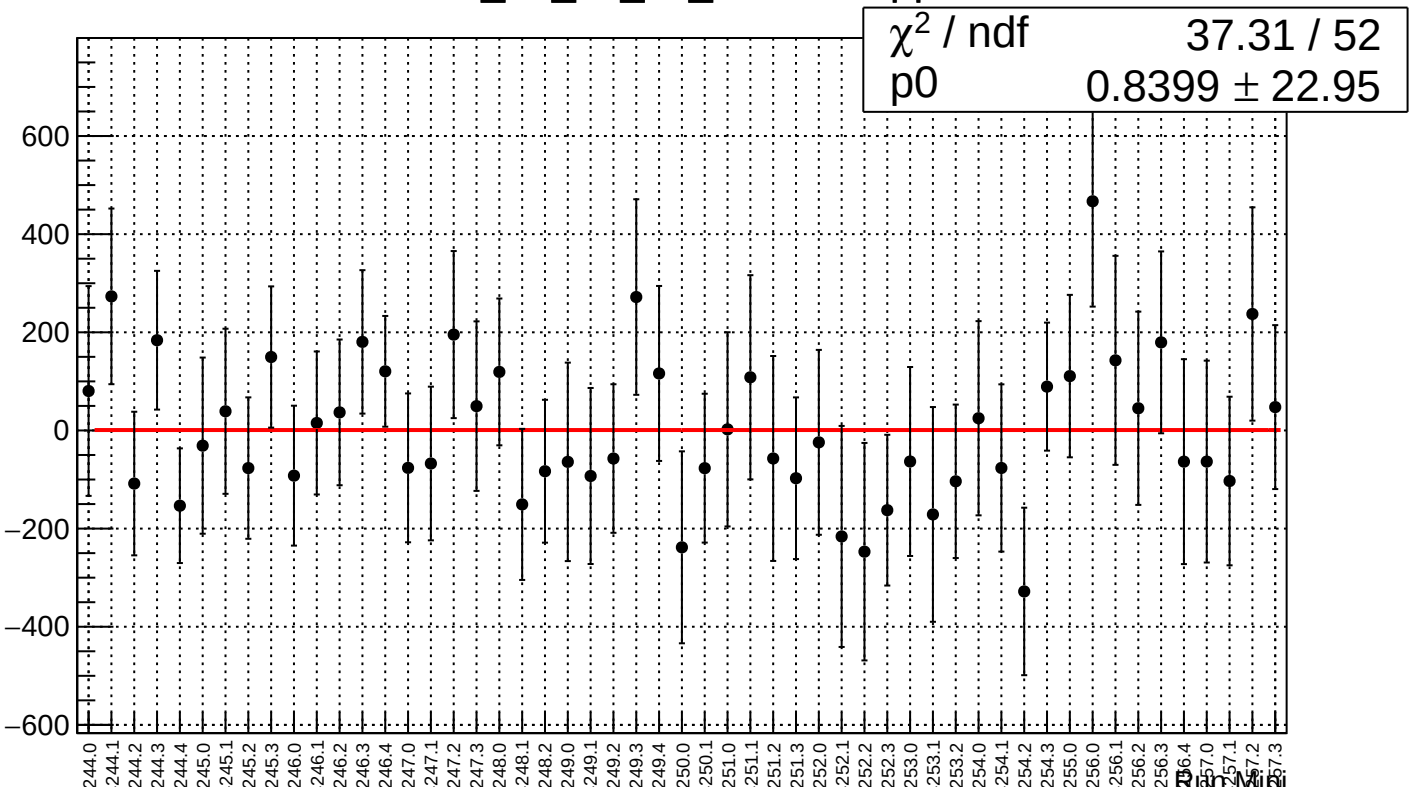

asym_usl.mean/ppb
χ² / ndf 62.62 / 52
p0 460.9 ± 751.5
30000
20000
10000
0
−10000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

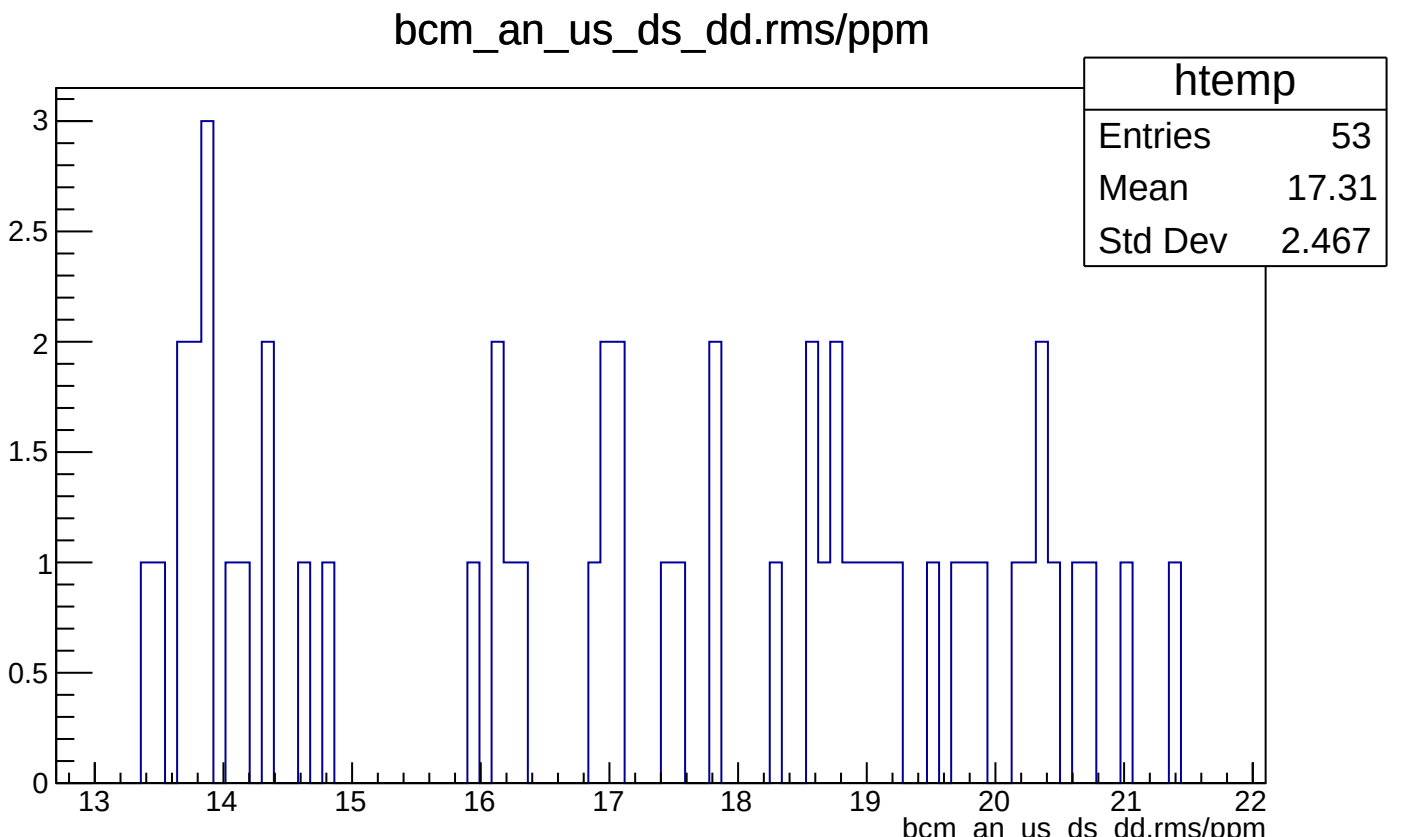

asym_usr.mean/ppb
χ² / ndf 66.08 / 52
p0 −713.6 ± 711.8
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

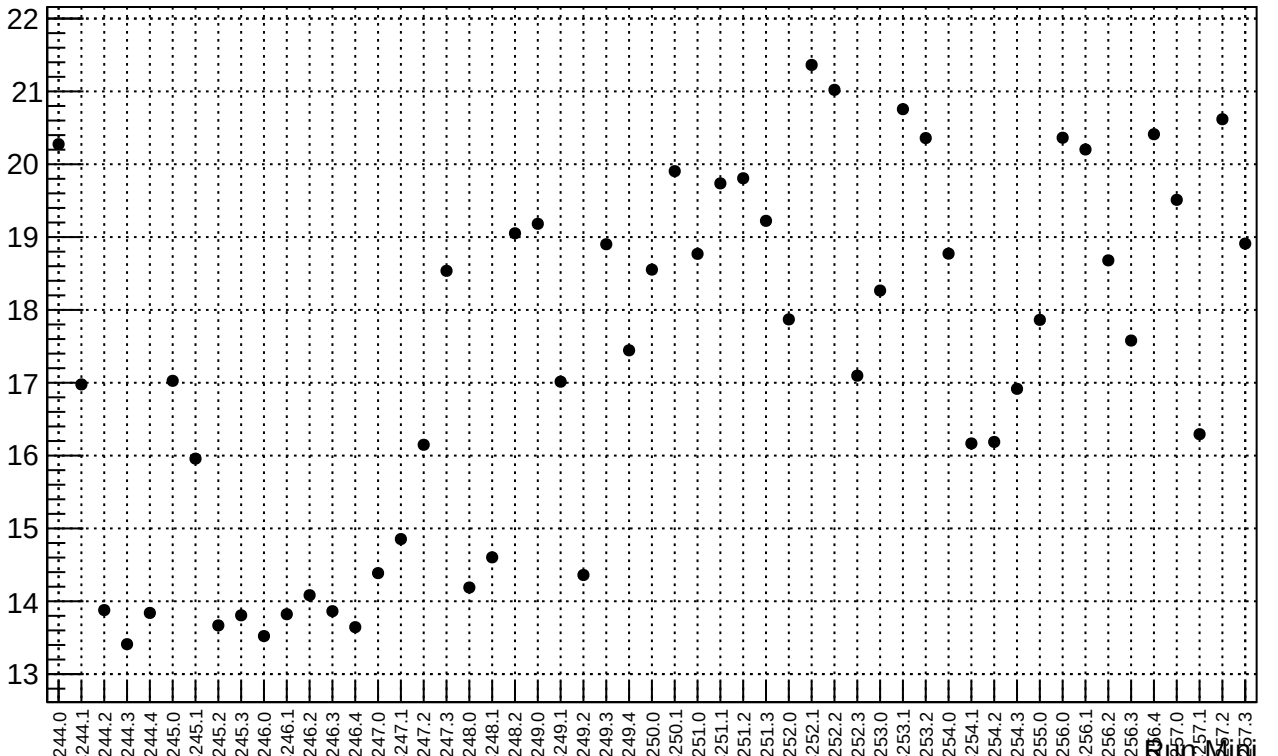

bcm_an_us_ds3_dd.mean/ppb
χ² / ndf 39.82 / 52
p0 6.521 ± 22.55
600
400
200
0
−200
−400
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

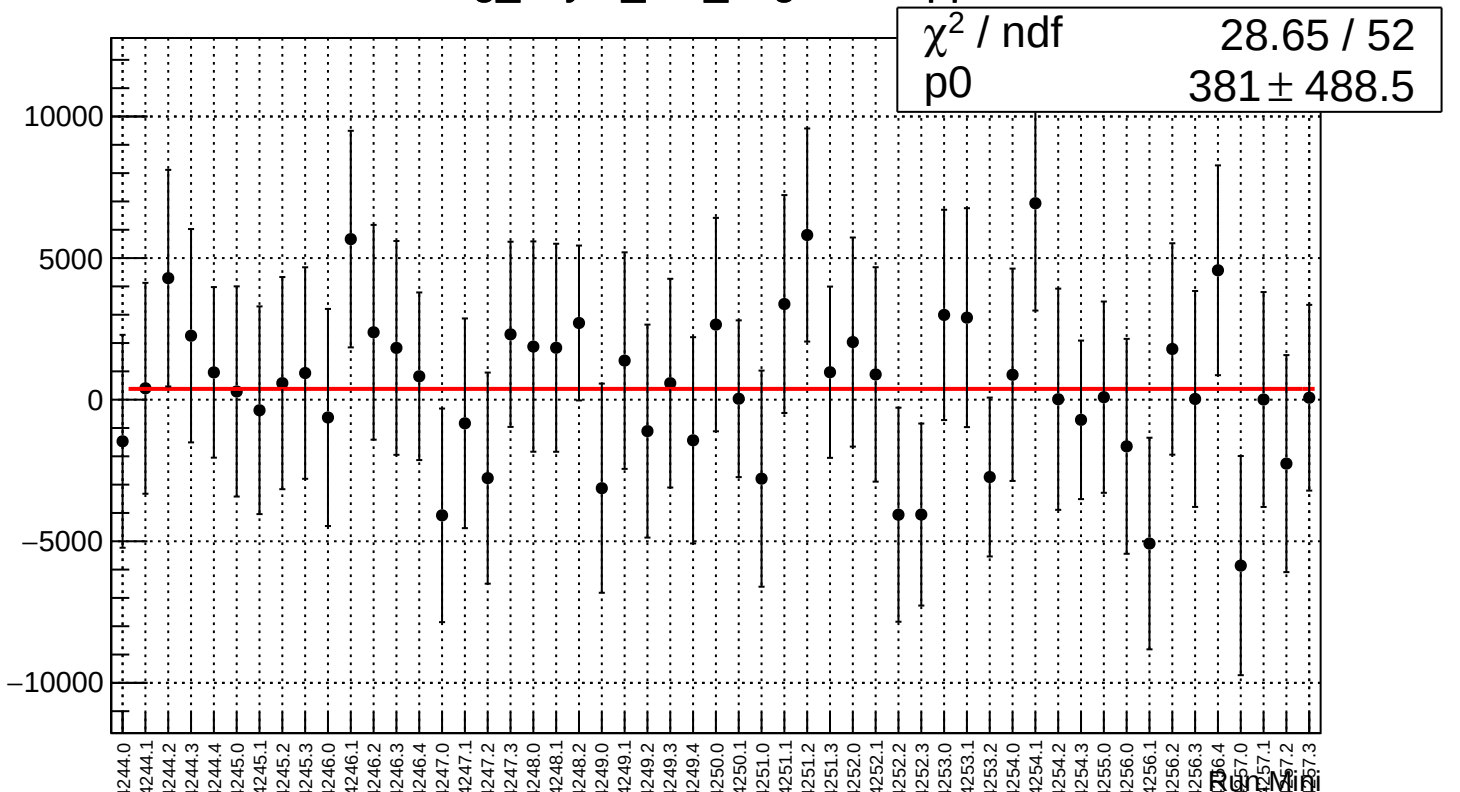

bcm_an_us_ds3_dd.rms/ppm
htemp
Entries 53
Mean 17.05
Std Dev 2.508
3
2.5
2
1.5
1
0.5
0
13
14
15
16
17
18
19
20
21
bcm_an_us_ds3_dd.rms/ppm

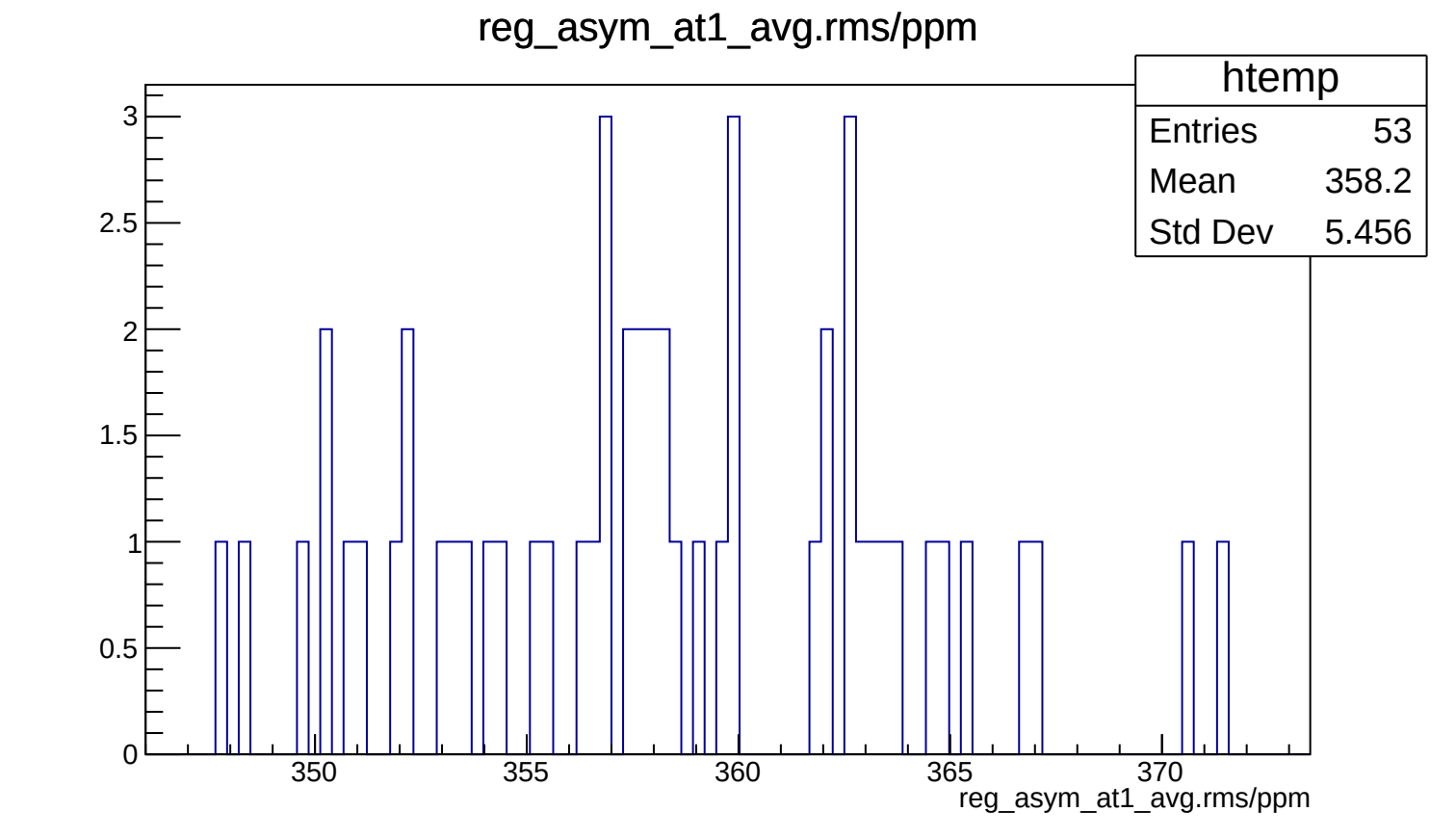

bcm_an_us_ds3_dd.rms/ppm
21
20
19
18
17
16
15
14
13
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

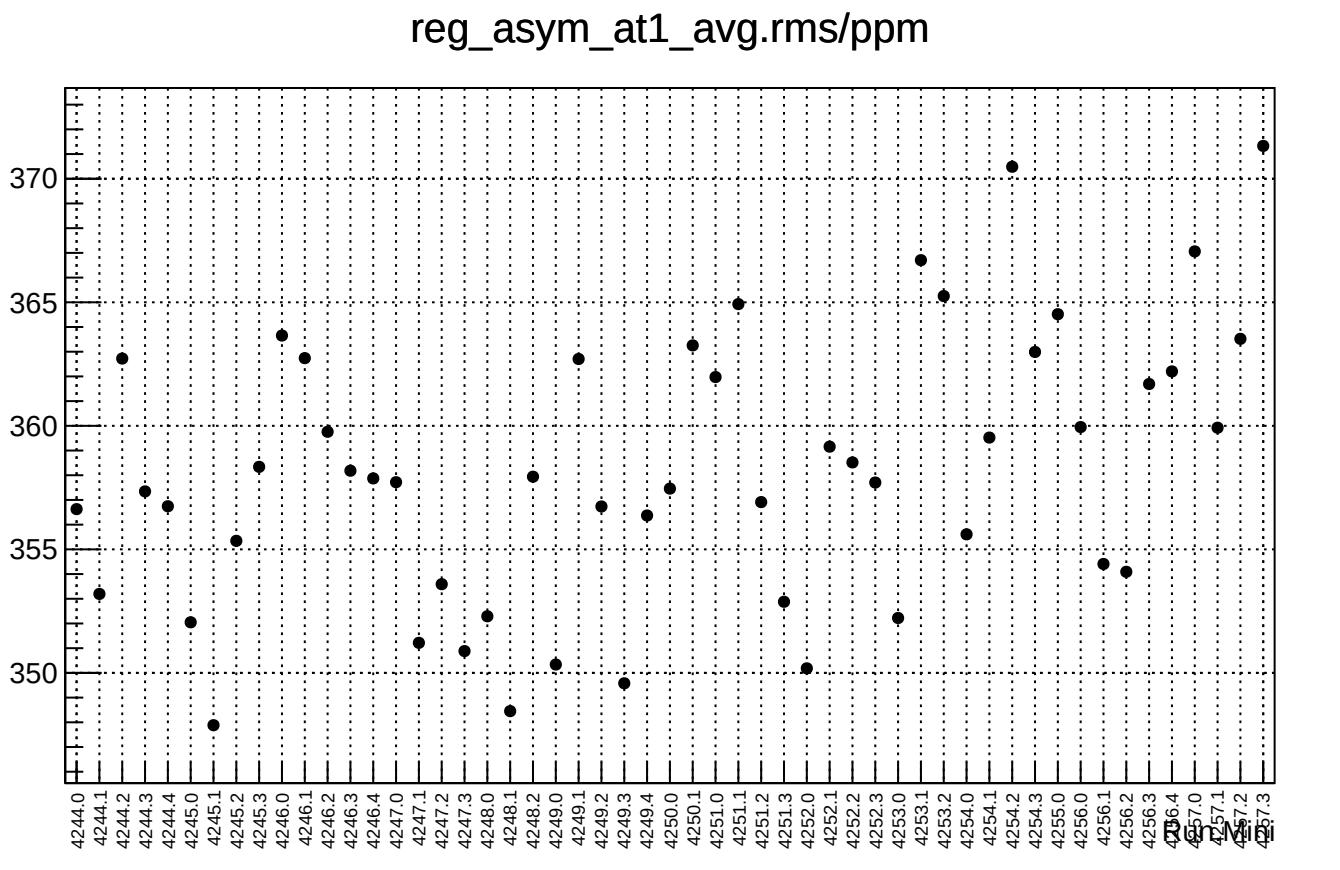

bcm_an_us_ds_dd.mean/ppb
χ² / ndf 37.31 / 52
p0 0.8399 ± 22.95
600
400
200
0
−200
−400
−600
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

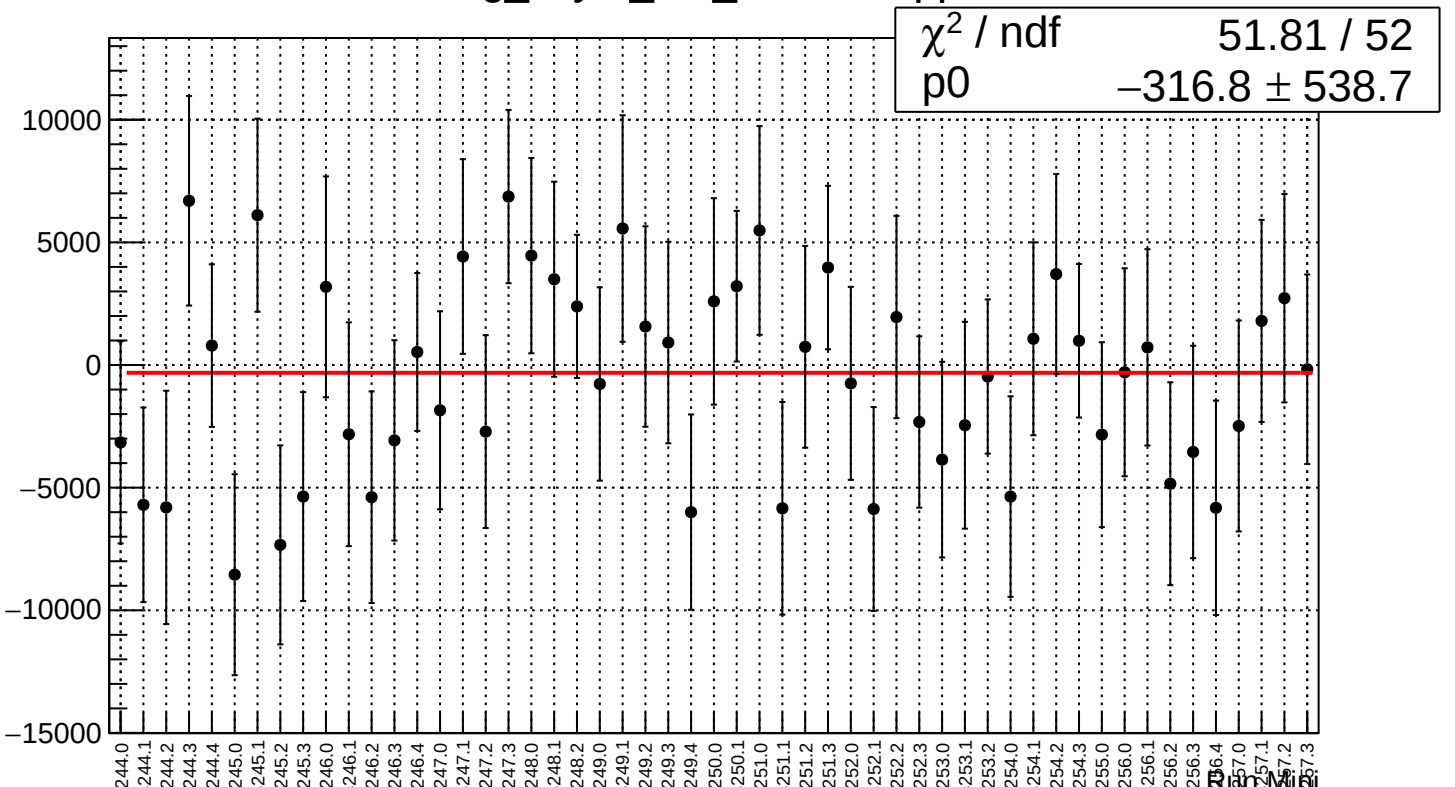

bcm_an_us_ds_dd.rms/ppm
htemp
Entries 53
Mean 17.31
Std Dev 2.467
3
2.5
2
1.5
1
0.5
0
13
14
15
16
17
18
19
20
21
22
bcm_an_us_ds_dd.rms/ppm

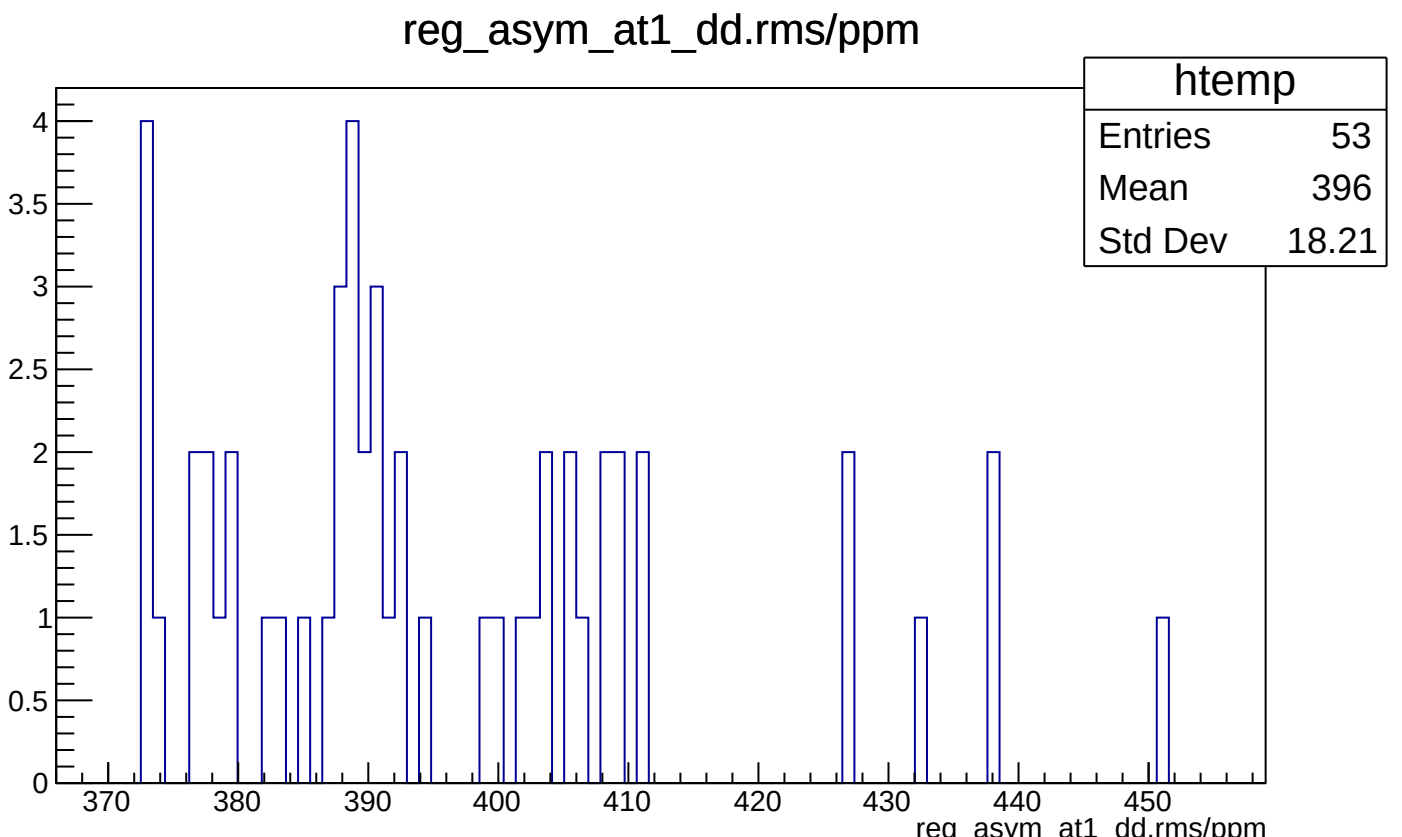

bcm_an_us_ds_dd.rms/ppm
22
21
20
19
18
17
16
15
14
13
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

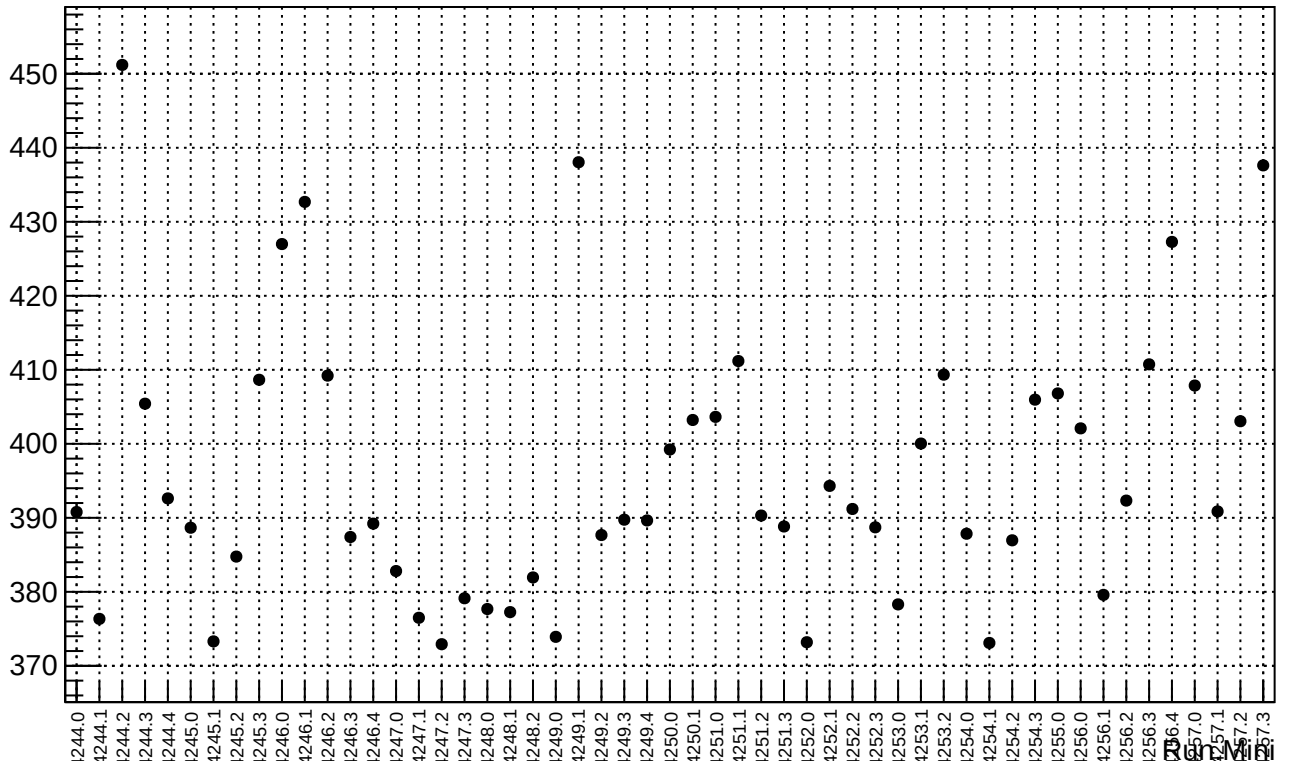

reg_asym_at1_avg.mean/ppb
χ² / ndf 28.65 / 52
p0 381 ± 488.5
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

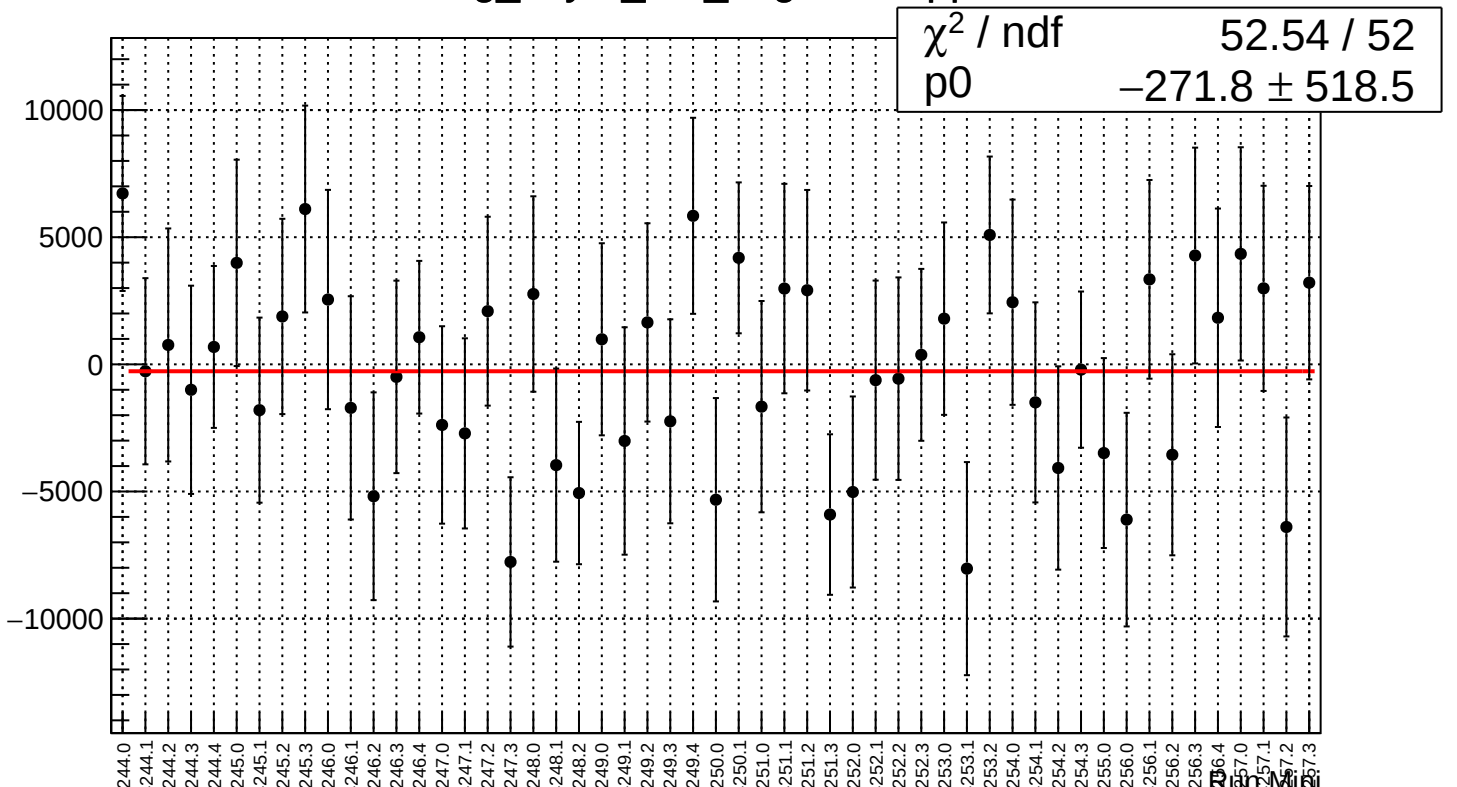

reg_asym_at1_avg.rms/ppm
htemp
Entries 53
Mean 358.2
Std Dev 5.456
3
2.5
2
1.5
1
0.5
0
350
355
360
365
370
reg_asym_at1_avg.rms/ppm

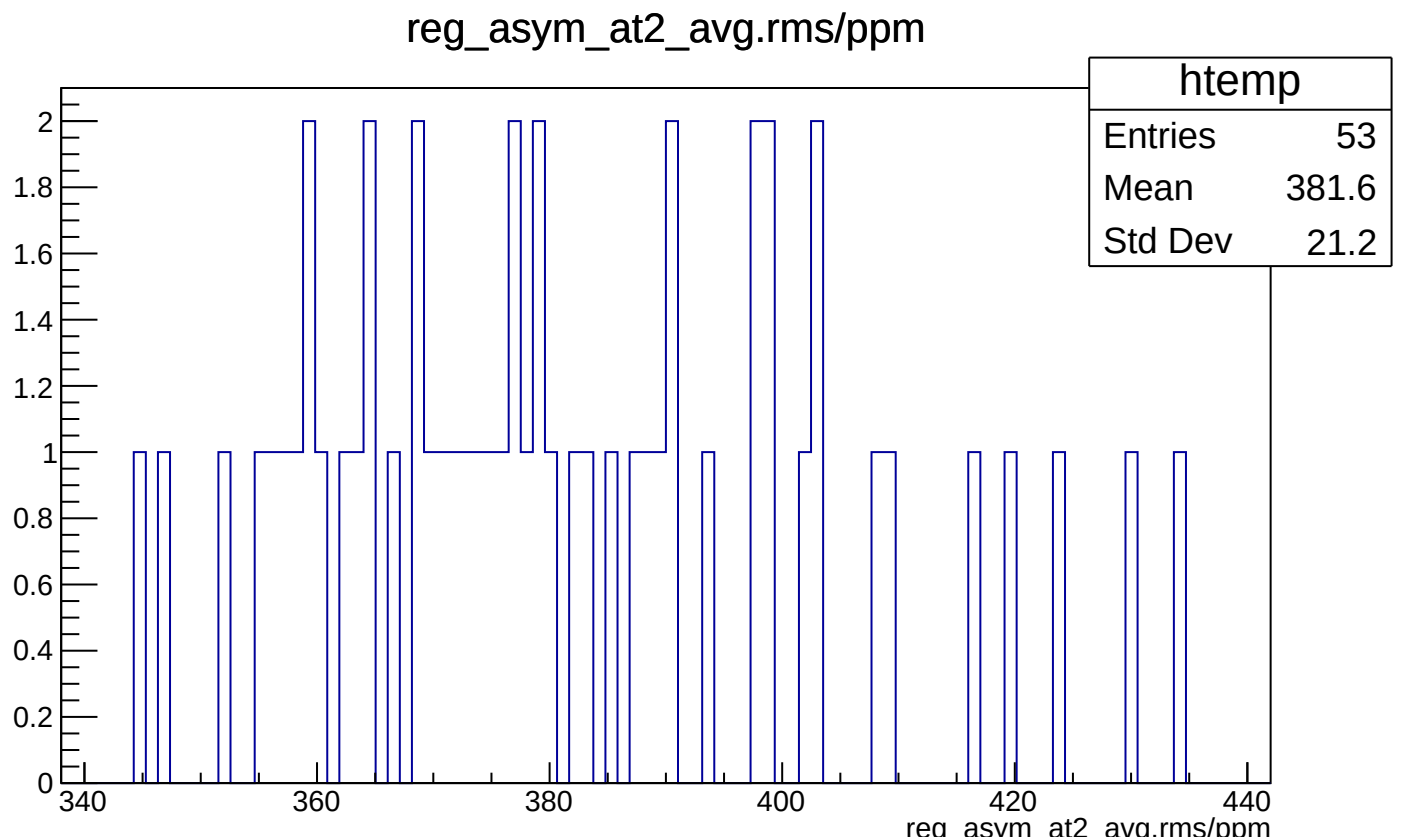

reg_asym_at1_avg.rms/ppm
370
365
360
355
350
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

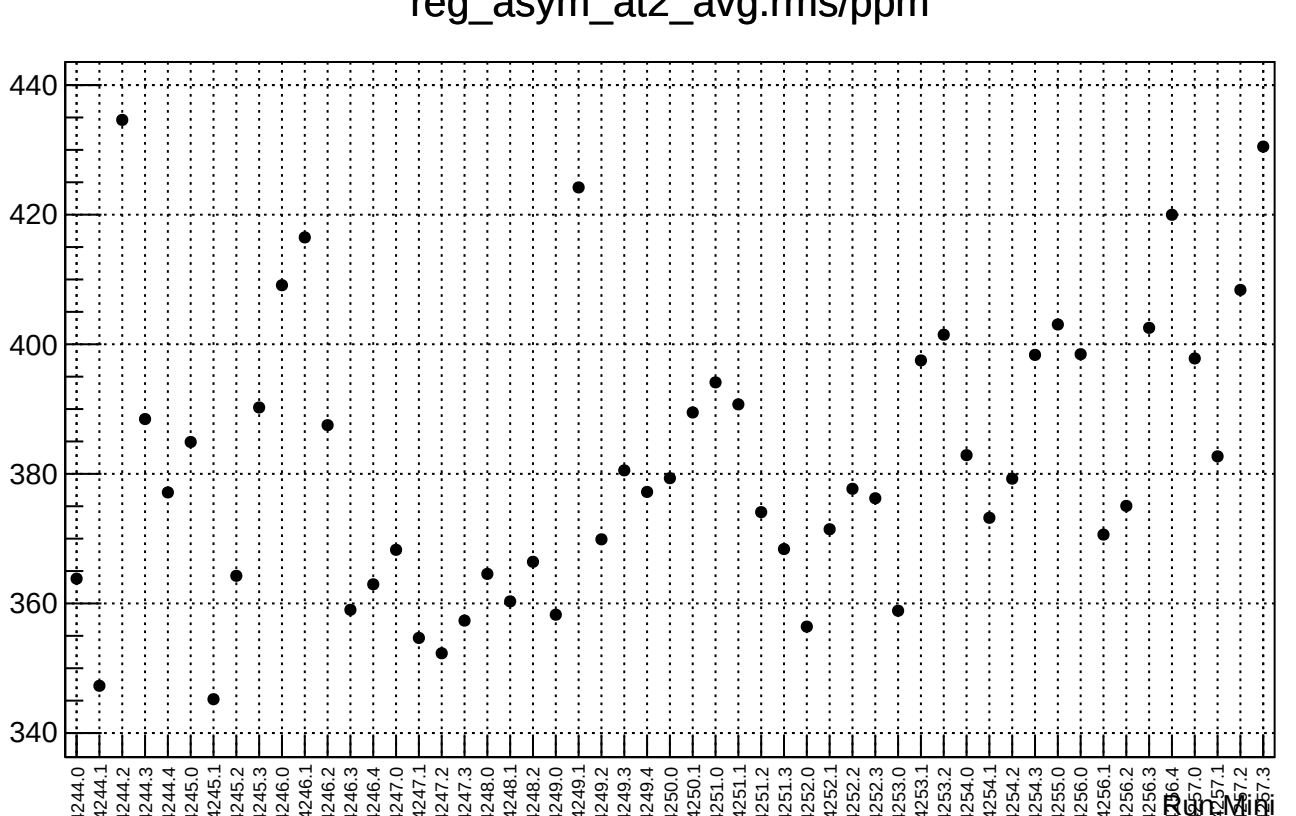

reg_asym_at1_dd.mean/ppb
χ² / ndf 51.81 / 52
p0 −316.8 ± 538.7
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

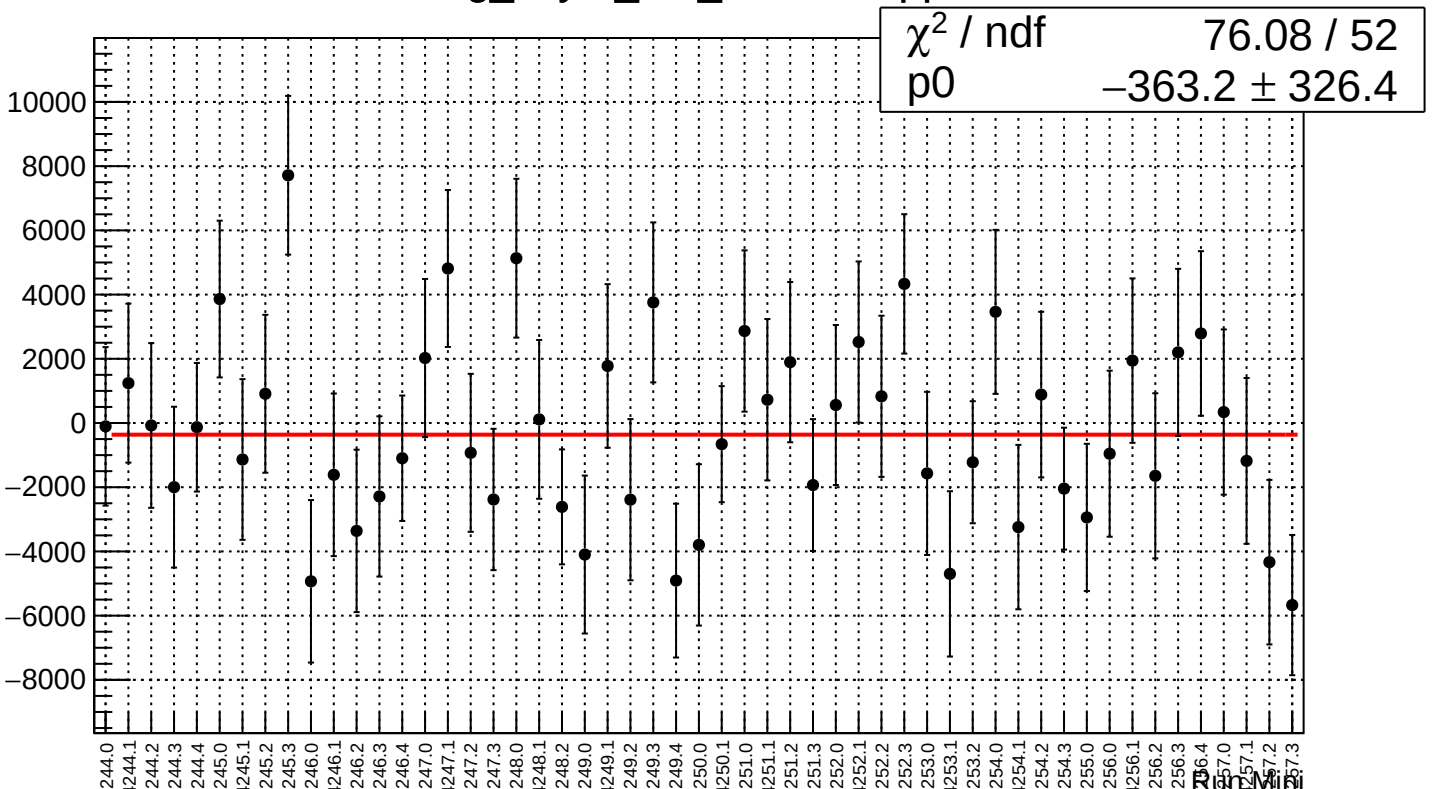

reg_asym_at1_dd.rms/ppm
htemp
Entries 53
Mean 396
Std Dev 18.21
0
0.5
1
1.5
2
2.5
3
3.5
4
370
380
390
400
410
420
430
440
450
reg_asym_at1_dd.rms/ppm

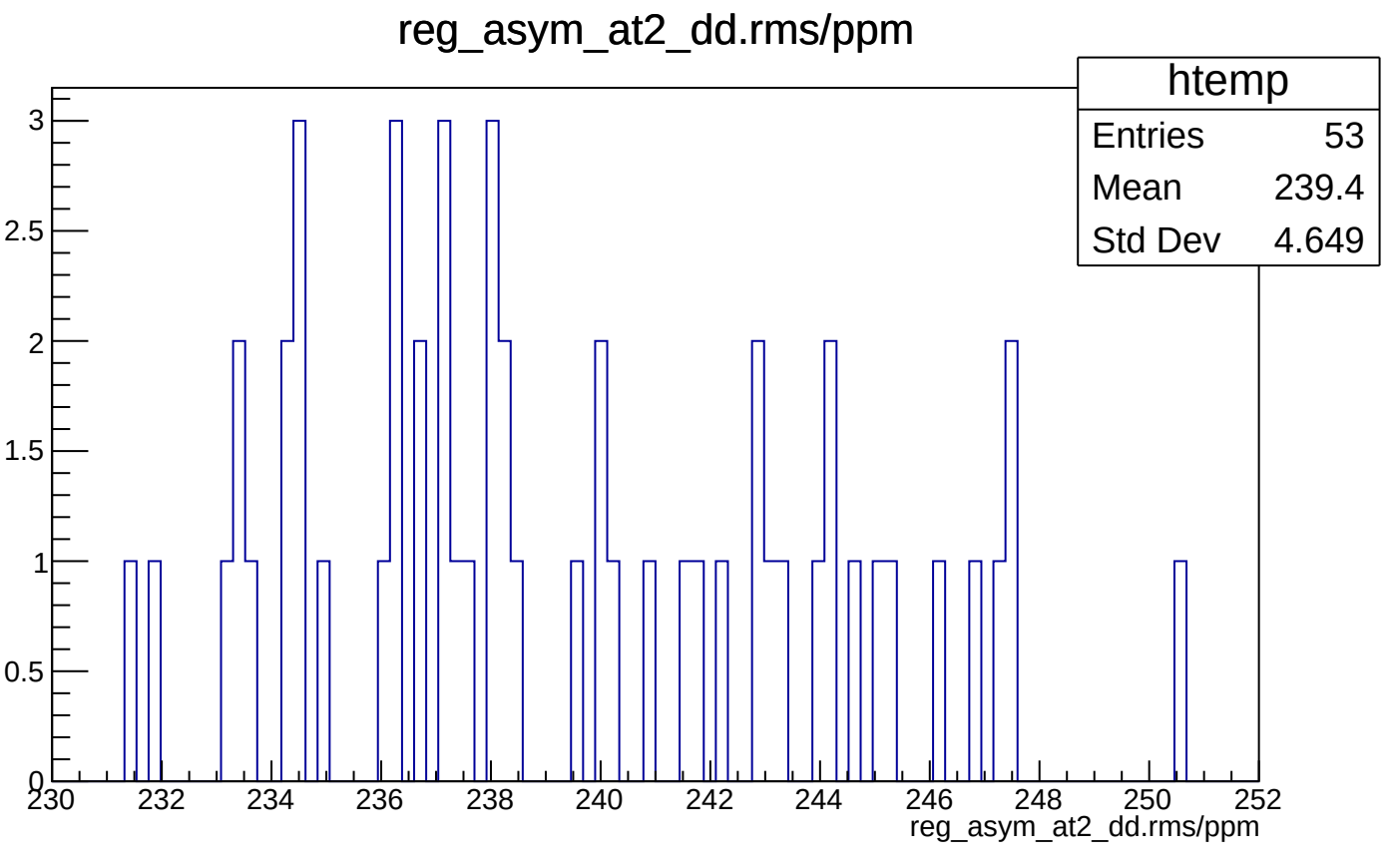

reg_asym_at1_dd.rms/ppm
450
440
430
420
410
400
390
380
370
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

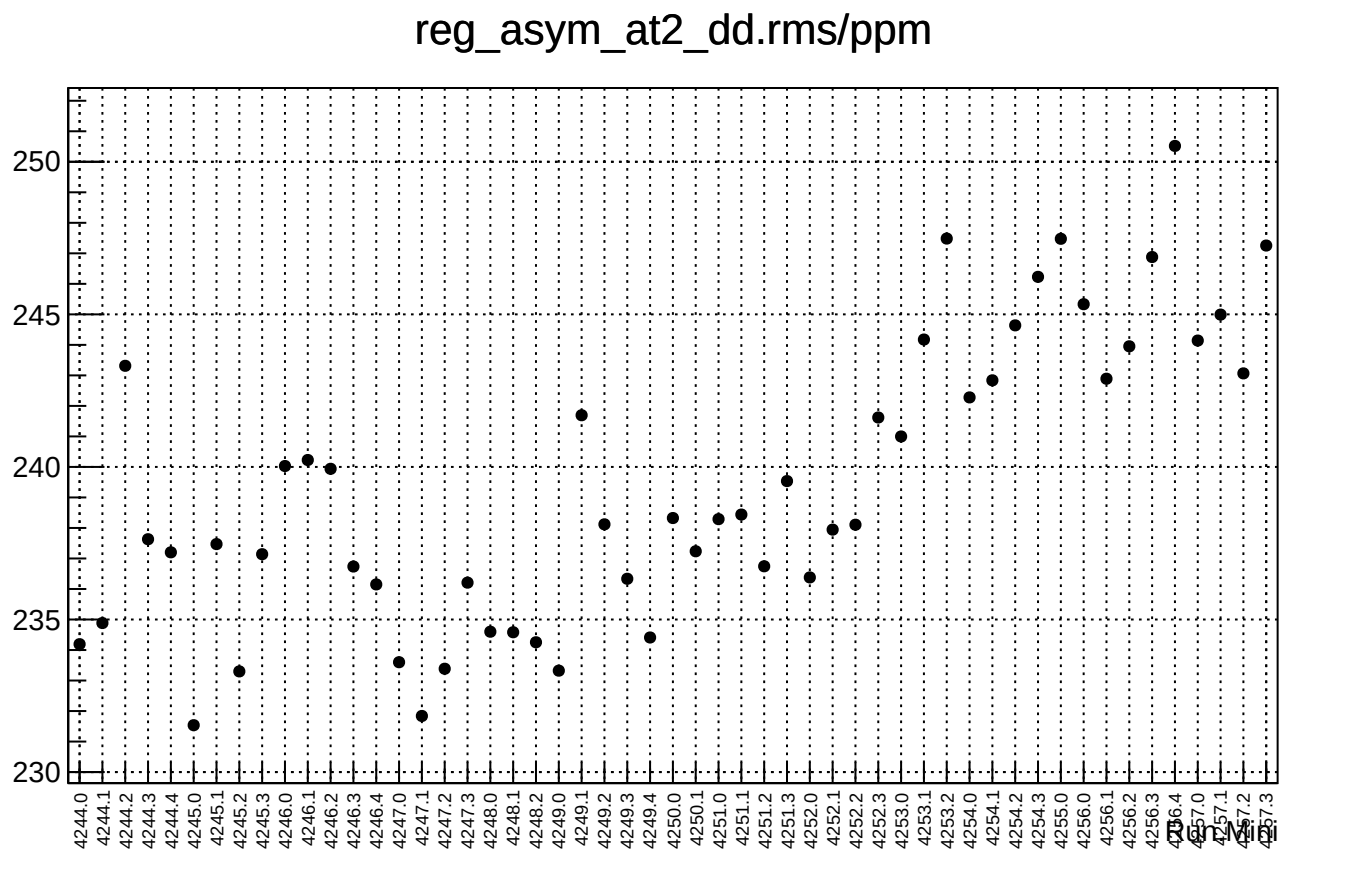

reg_asym_at2_avg.mean/ppb
χ² / ndf 52.54 / 52
p0 –271.8 ± 518.5
10000
5000
0
–5000
–10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

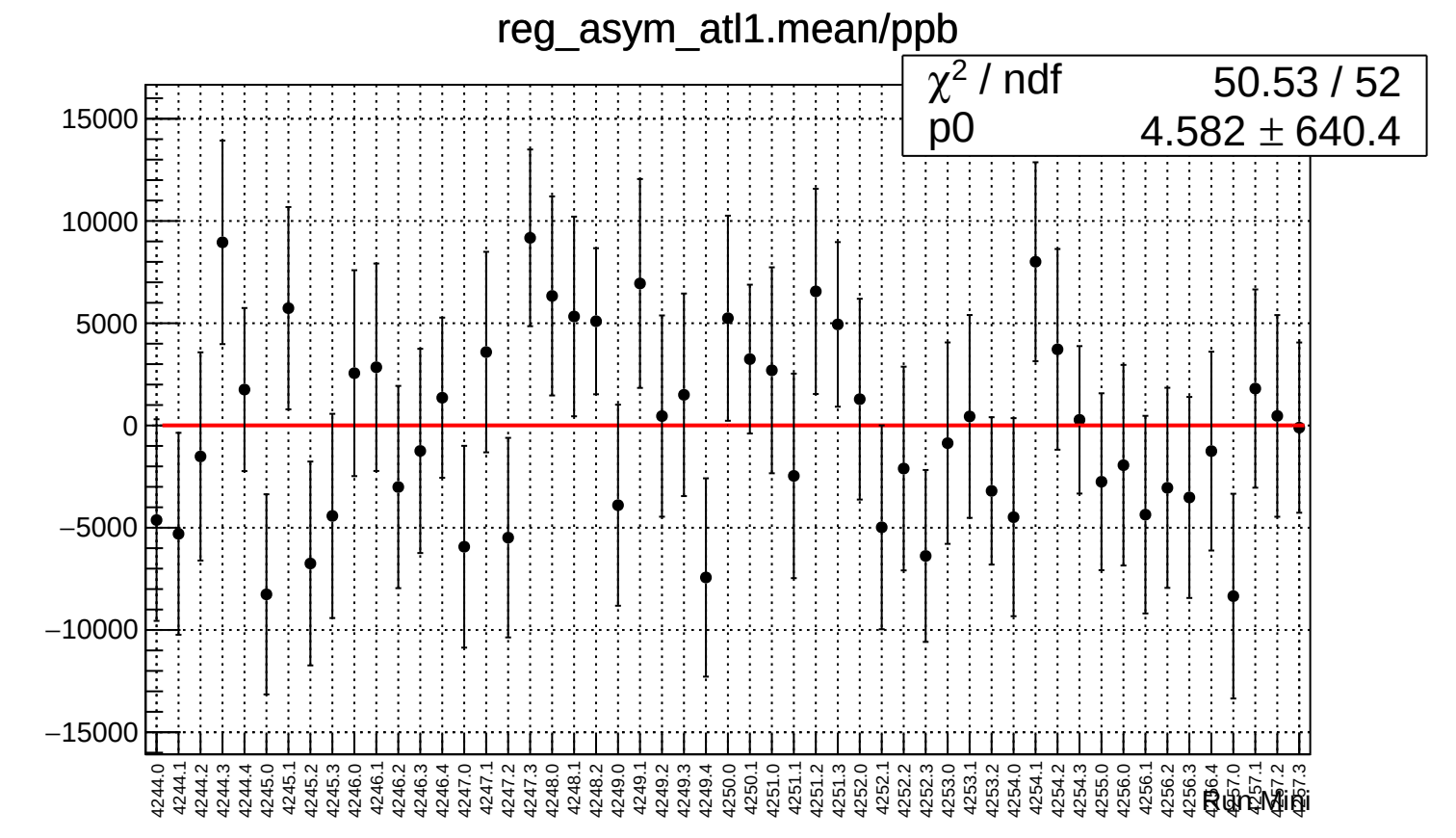

reg_asym_at2_avg.rms/ppm
htemp
Entries 53
Mean 381.6
Std Dev 21.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
340
360
380
400
420
440
reg_asym_at2_avg.rms/ppm

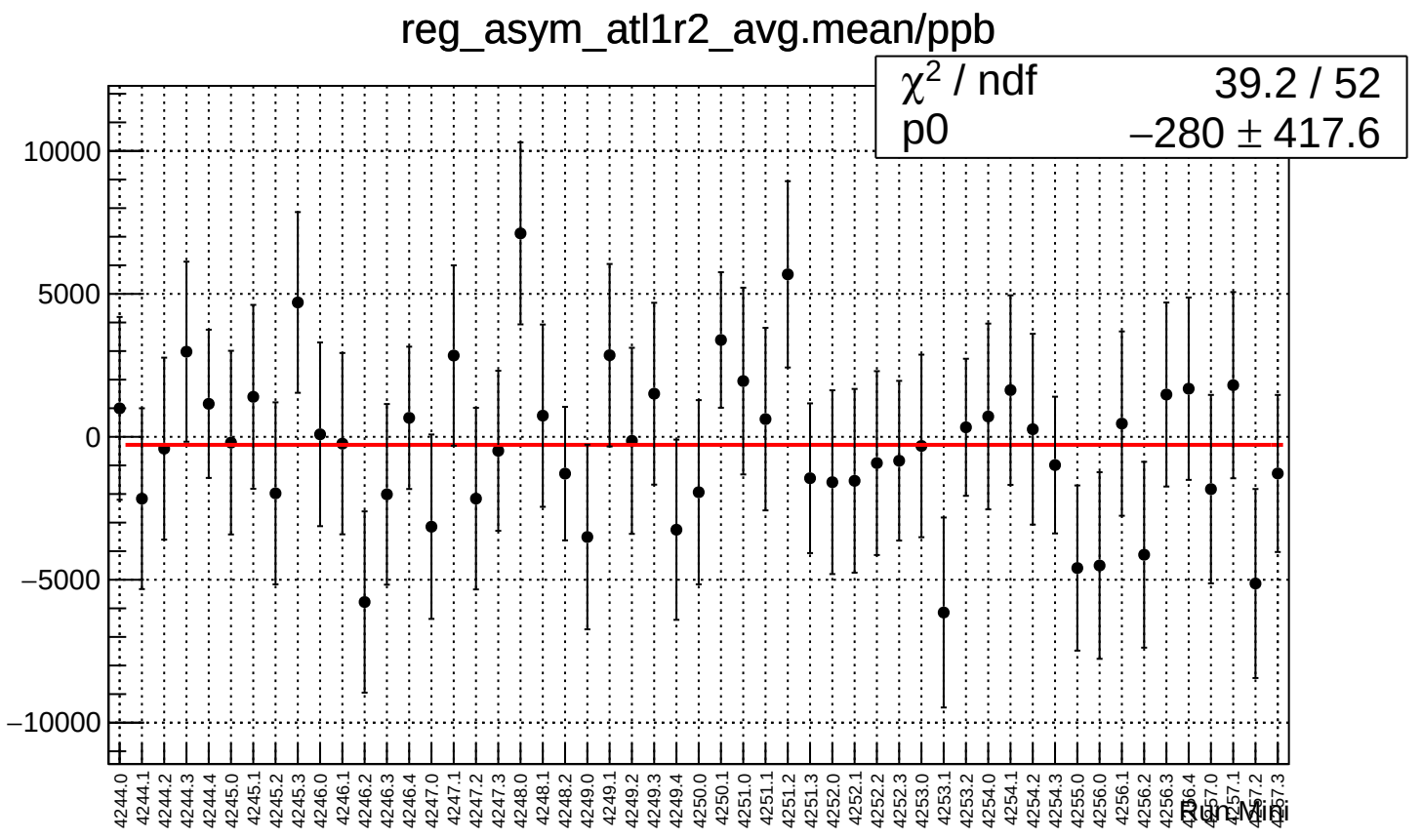

reg_asym_at2_avg.rms/ppm
440
420
400
380
360
340
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

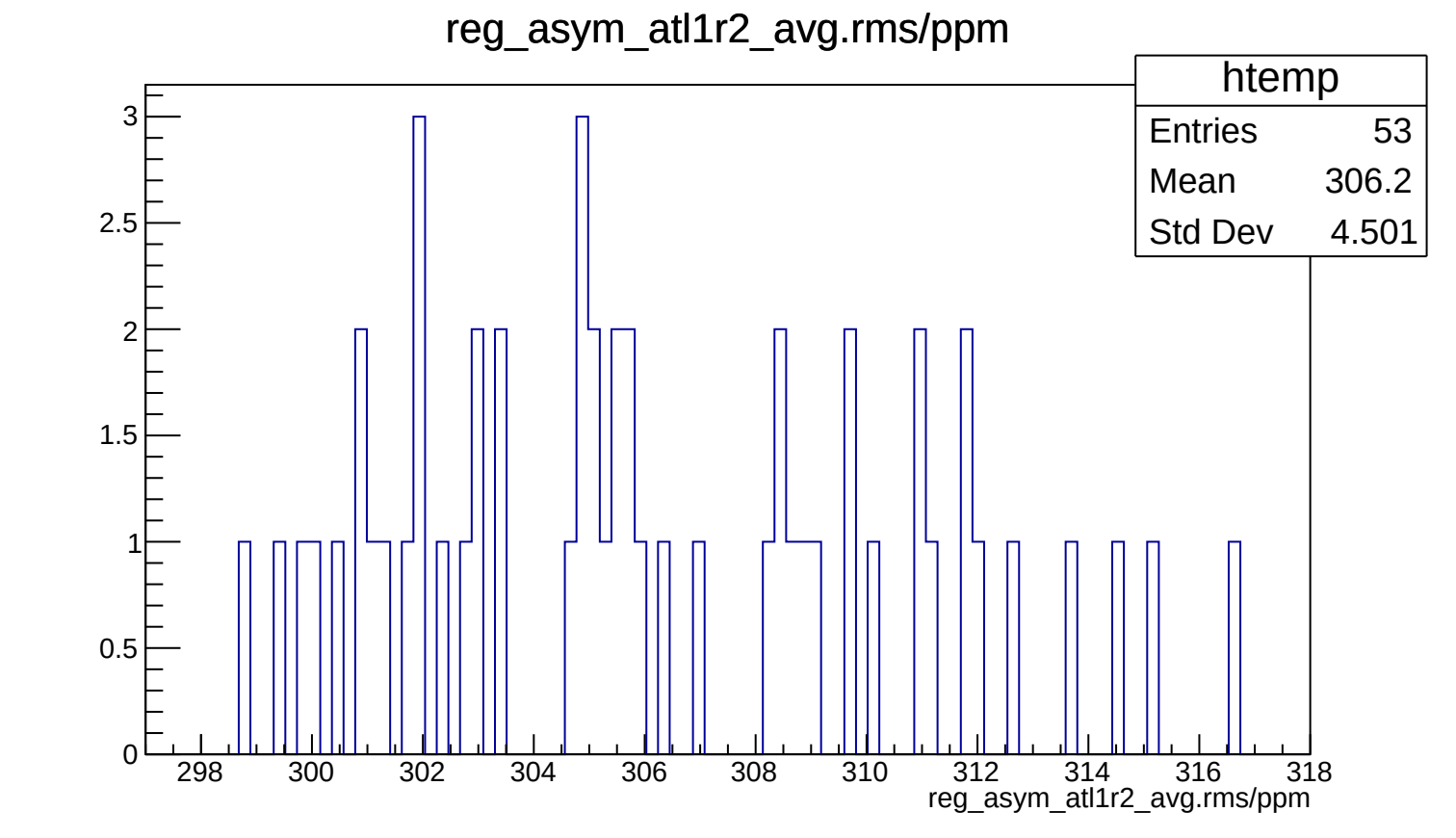

reg_asym_at2_dd.mean/ppb
χ² / ndf 76.08 / 52
p0 −363.2 ± 326.4
10000
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

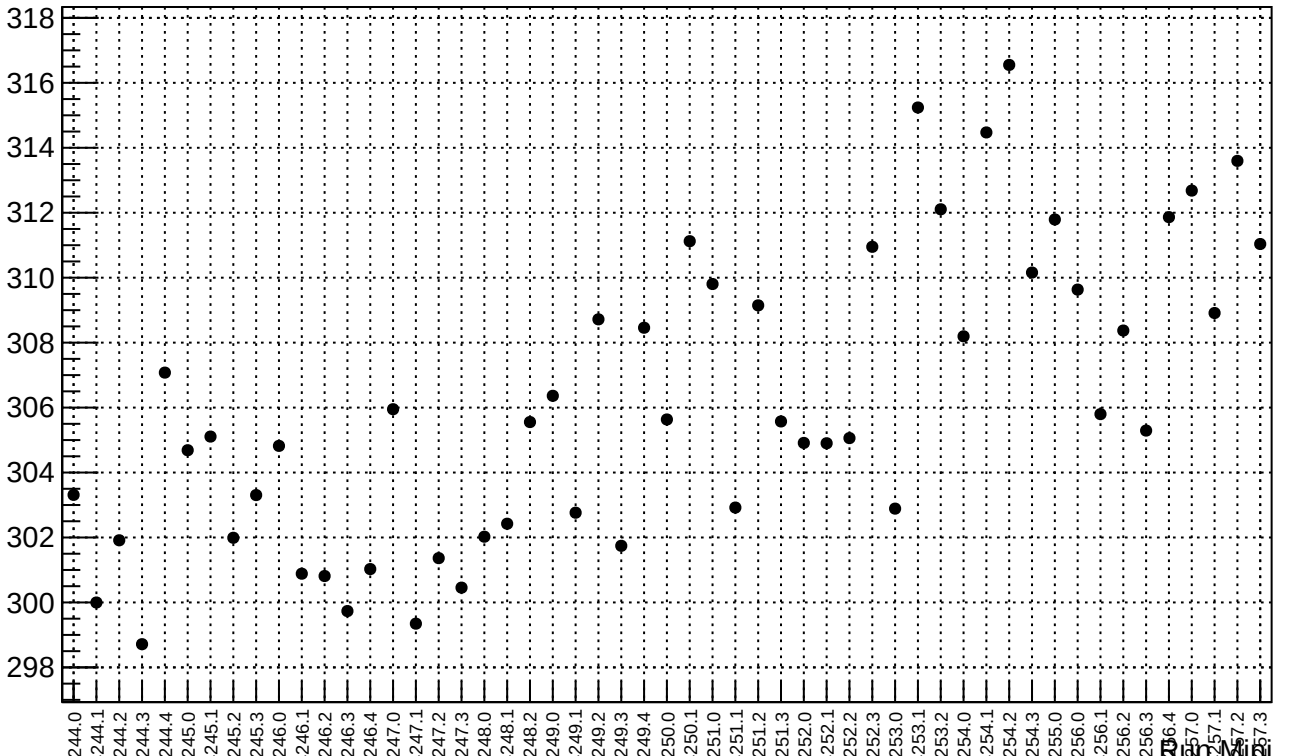

reg_asym_at2_dd.rms/ppm
htemp
Entries 53
Mean 239.4
Std Dev 4.649
3
2.5
2
1.5
1
0.5
0
230
232
234
236
238
240
242
244
246
248
250
252
reg_asym_at2_dd.rms/ppm

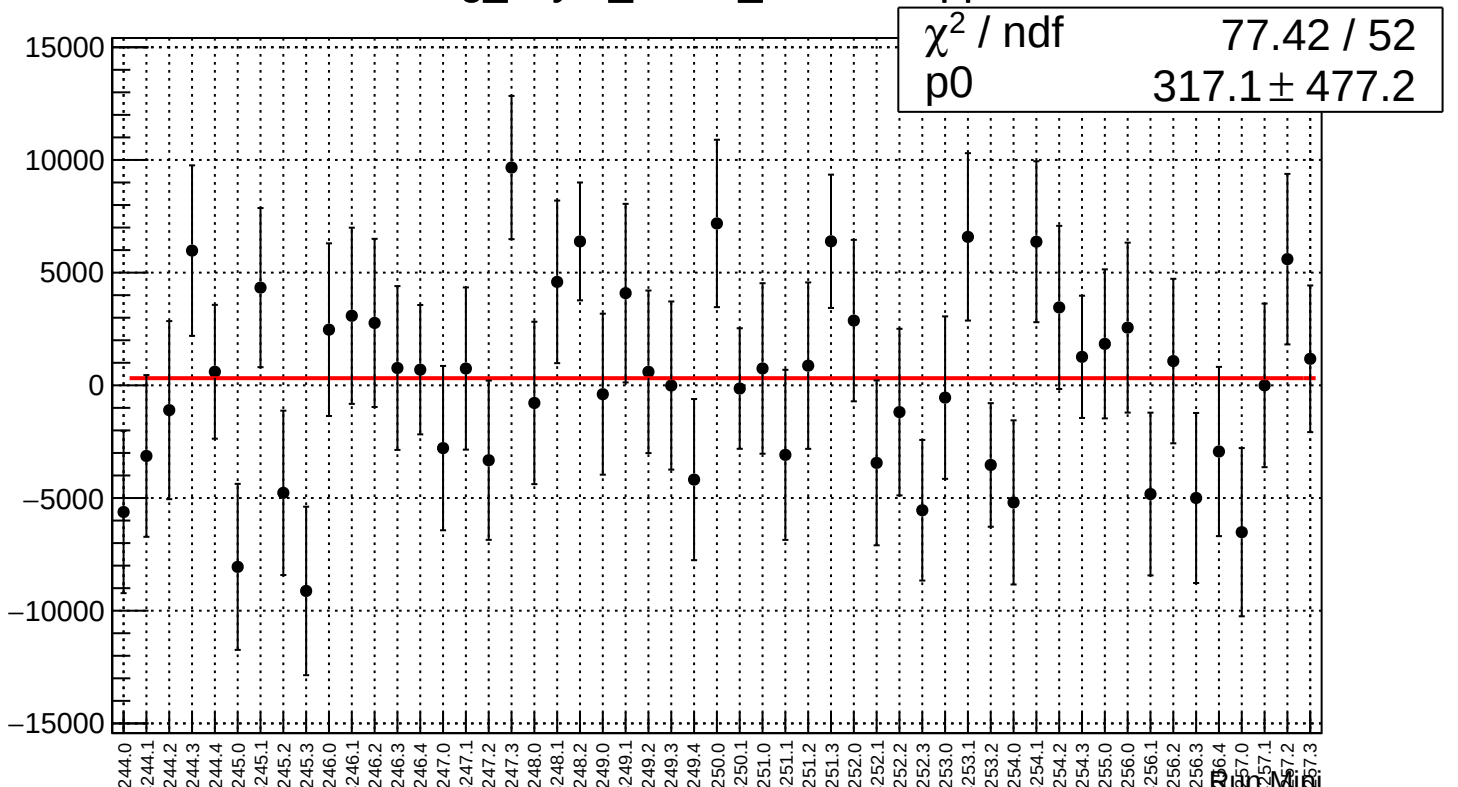

reg_asym_at2_dd.rms/ppm
250
245
240
235
230
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

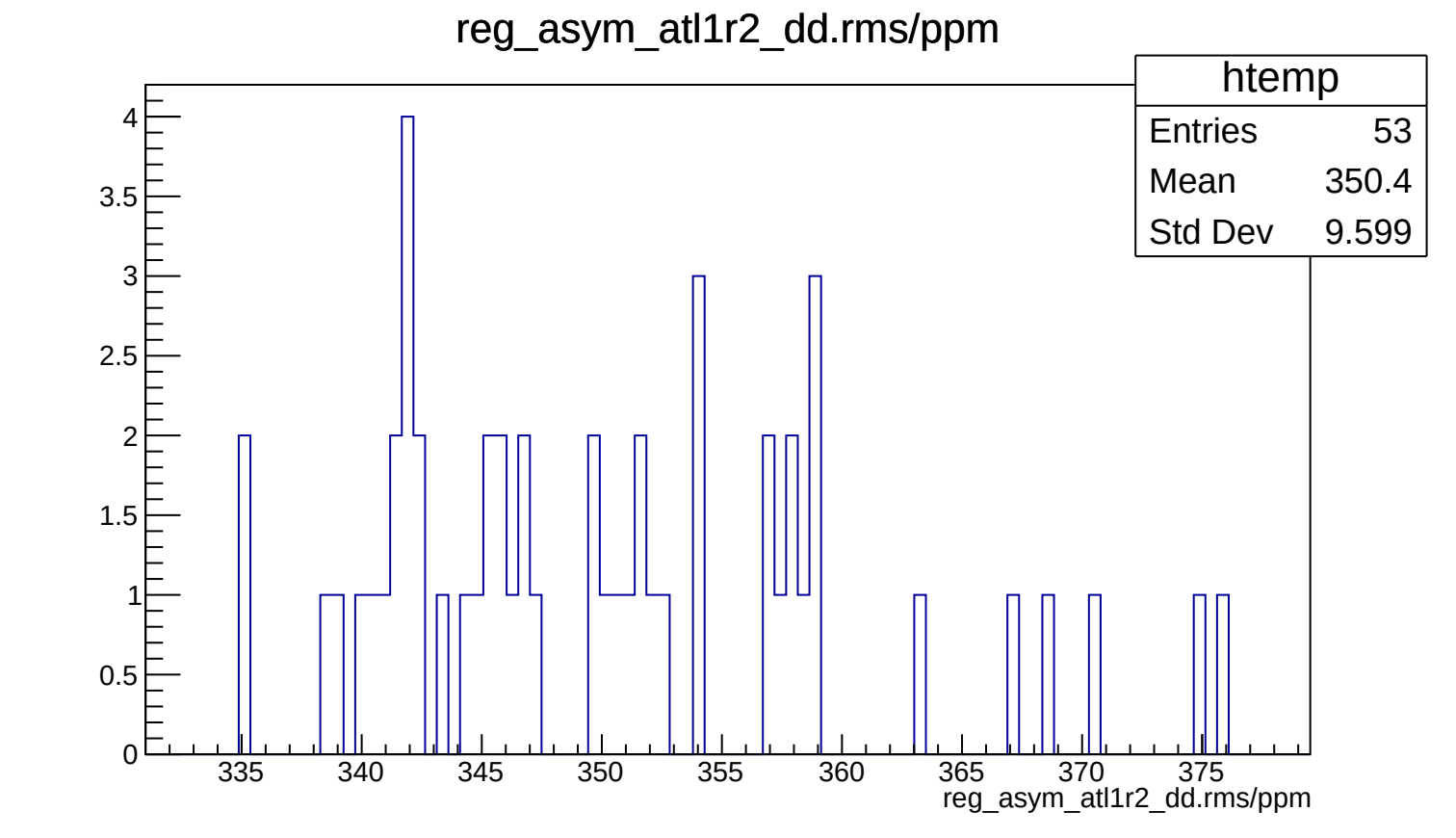

reg_asym_atl1.mean/ppb
χ² / ndf 50.53 / 52
p0 4.582 ± 640.4
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

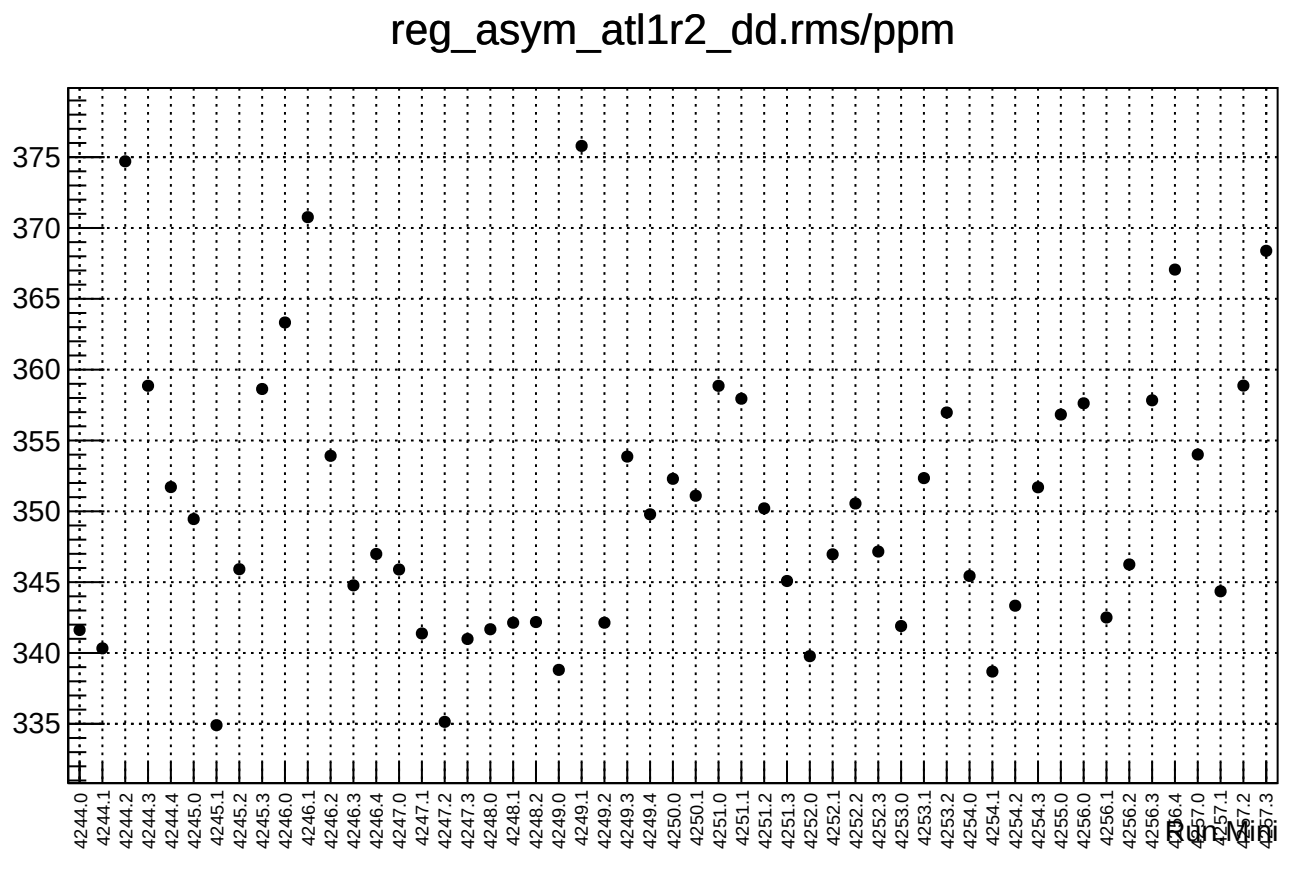

reg_asym_atl1r2_avg.mean/ppb
χ² / ndf 39.2 / 52
p0 −280 ± 417.6
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

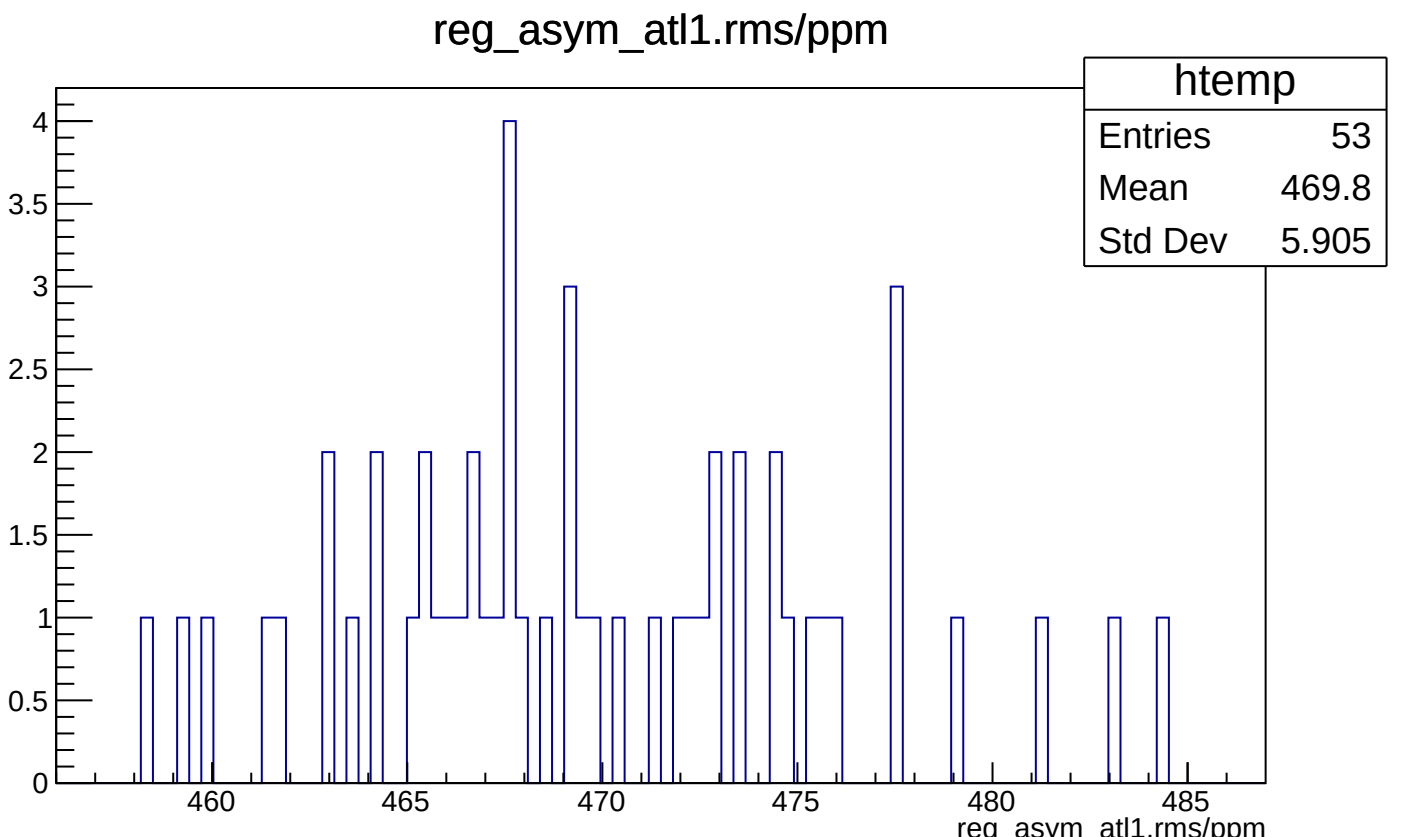

reg_asym_atl1r2_avg.rms/ppm
htemp
Entries 53
Mean 306.2
Std Dev 4.501
3
2.5
2
1.5
1
0.5
0
298
300
302
304
306
308
310
312
314
316
318
reg_asym_atl1r2_avg.rms/ppm

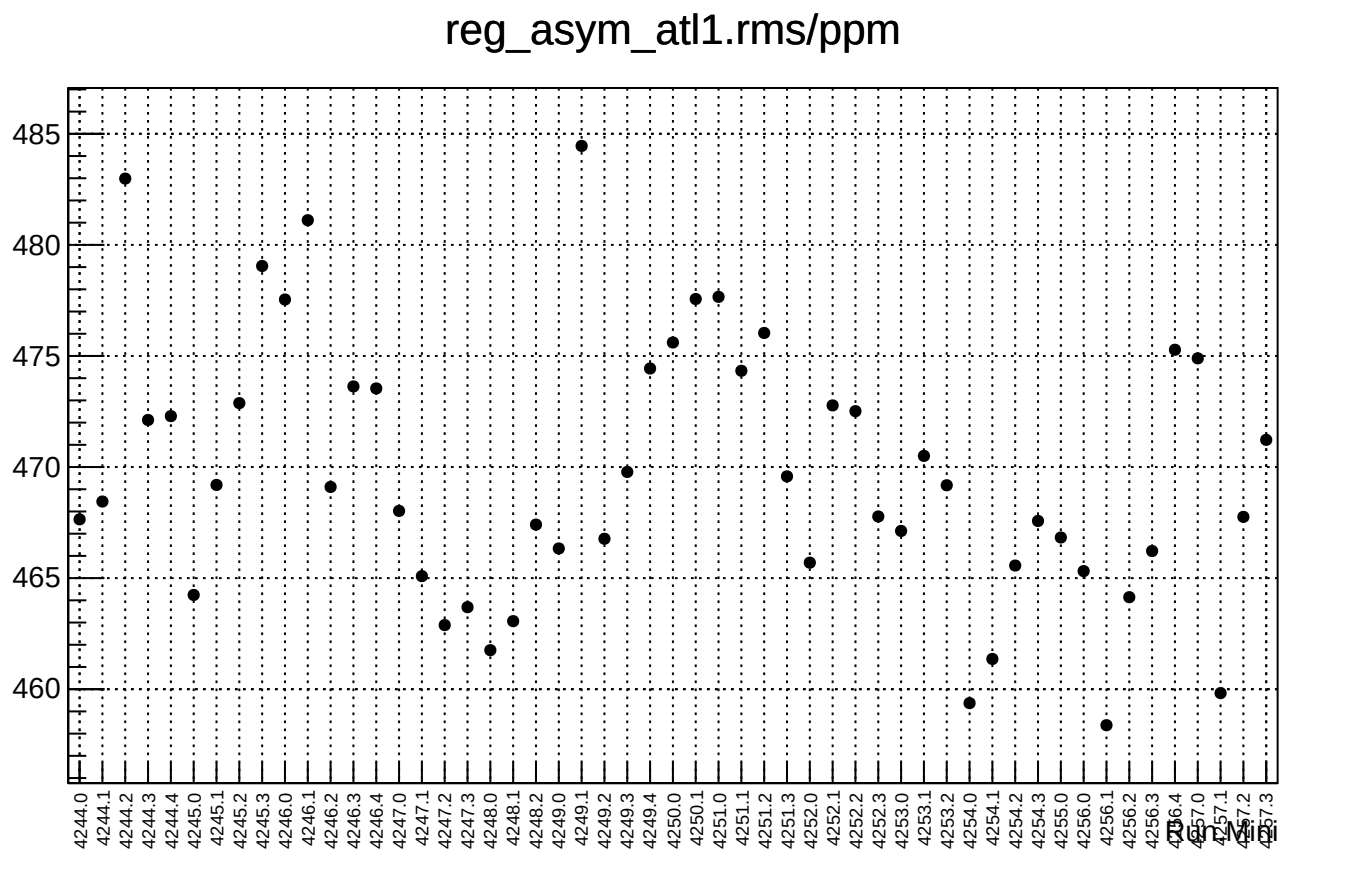

reg_asym_atl1r2_avg.rms/ppm
318
316
314
312
310
308
306
304
302
300
298
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

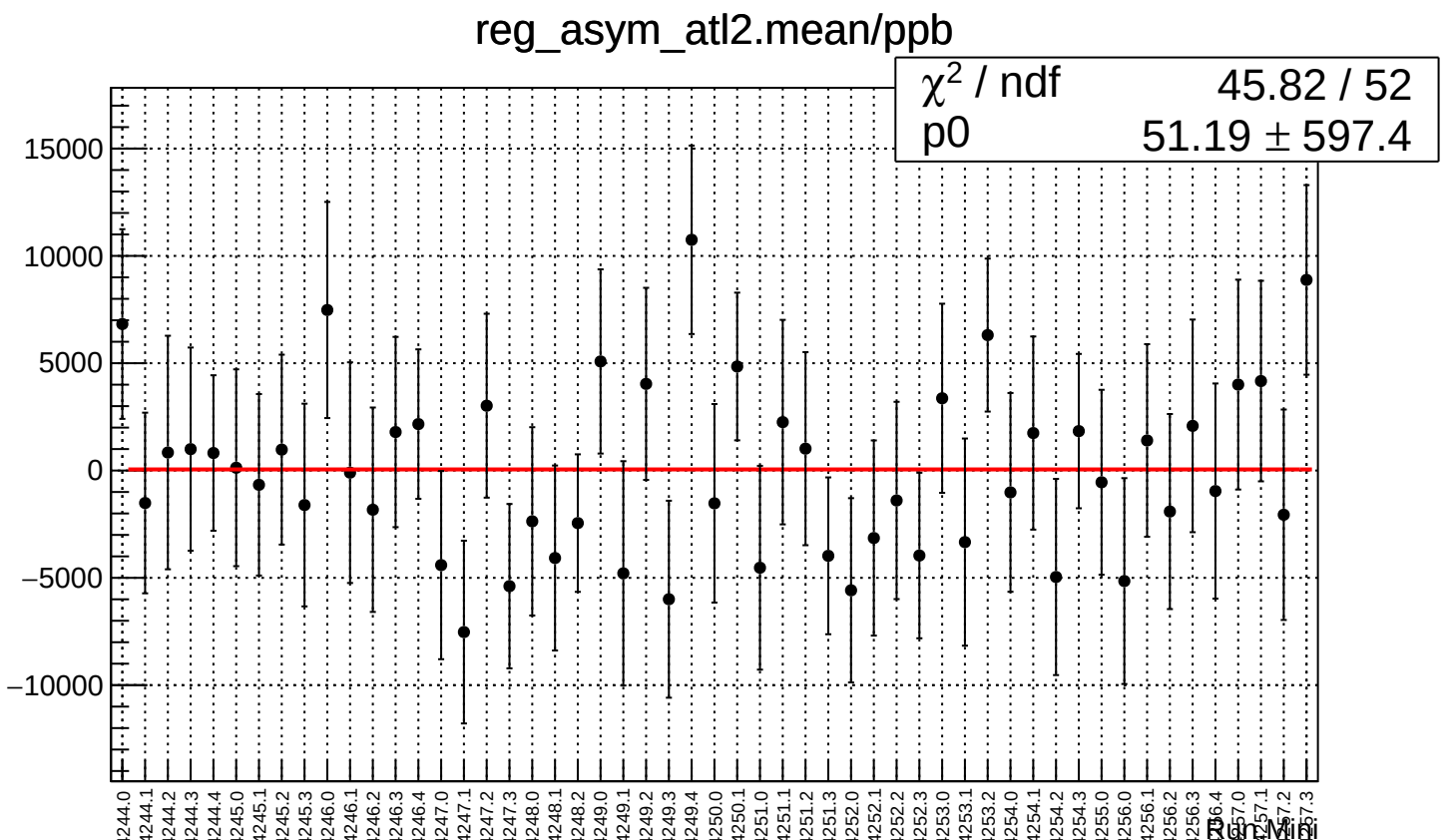

reg_asym_atl1r2_dd.mean/ppb
χ² / ndf 77.42 / 52
p0 317.1 ± 477.2
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

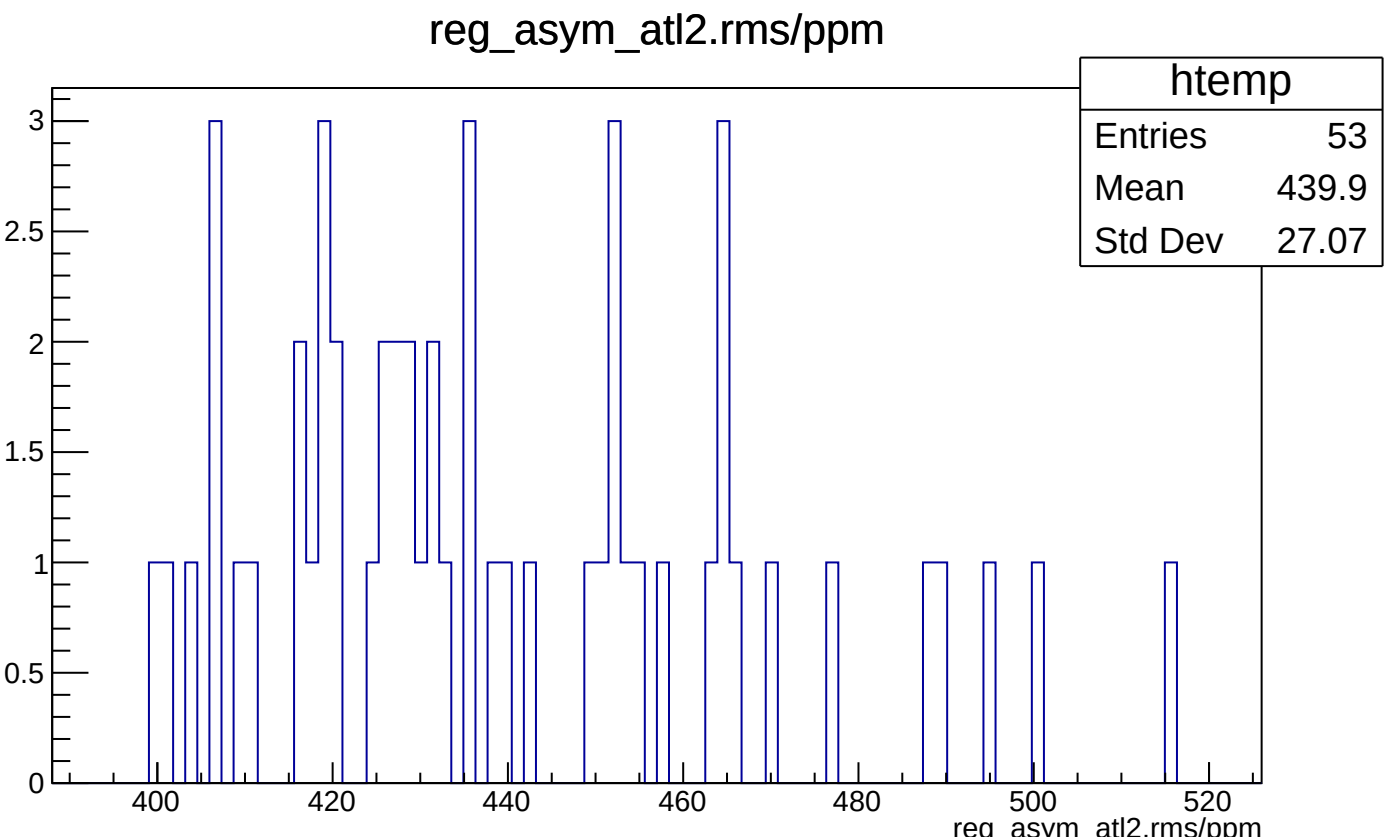

reg_asym_atl1r2_dd.rms/ppm
htemp
Entries 53
Mean 350.4
Std Dev 9.599
0
0.5
1
1.5
2
2.5
3
3.5
4
335
340
345
350
355
360
365
370
375
reg_asym_atl1r2_dd.rms/ppm

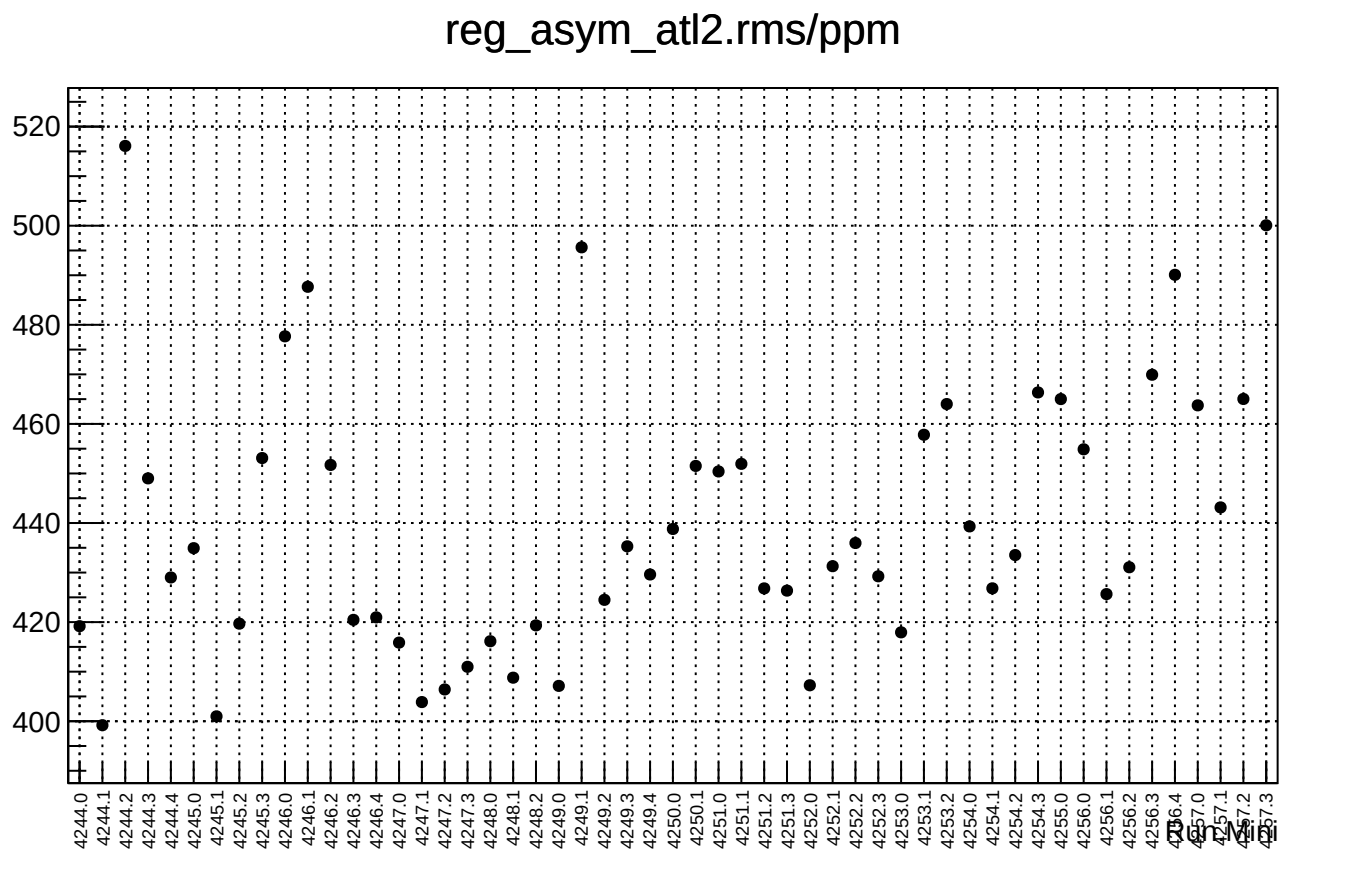

reg_asym_atl1r2_dd.rms/ppm
375
370
365
360
355
350
345
340
335
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

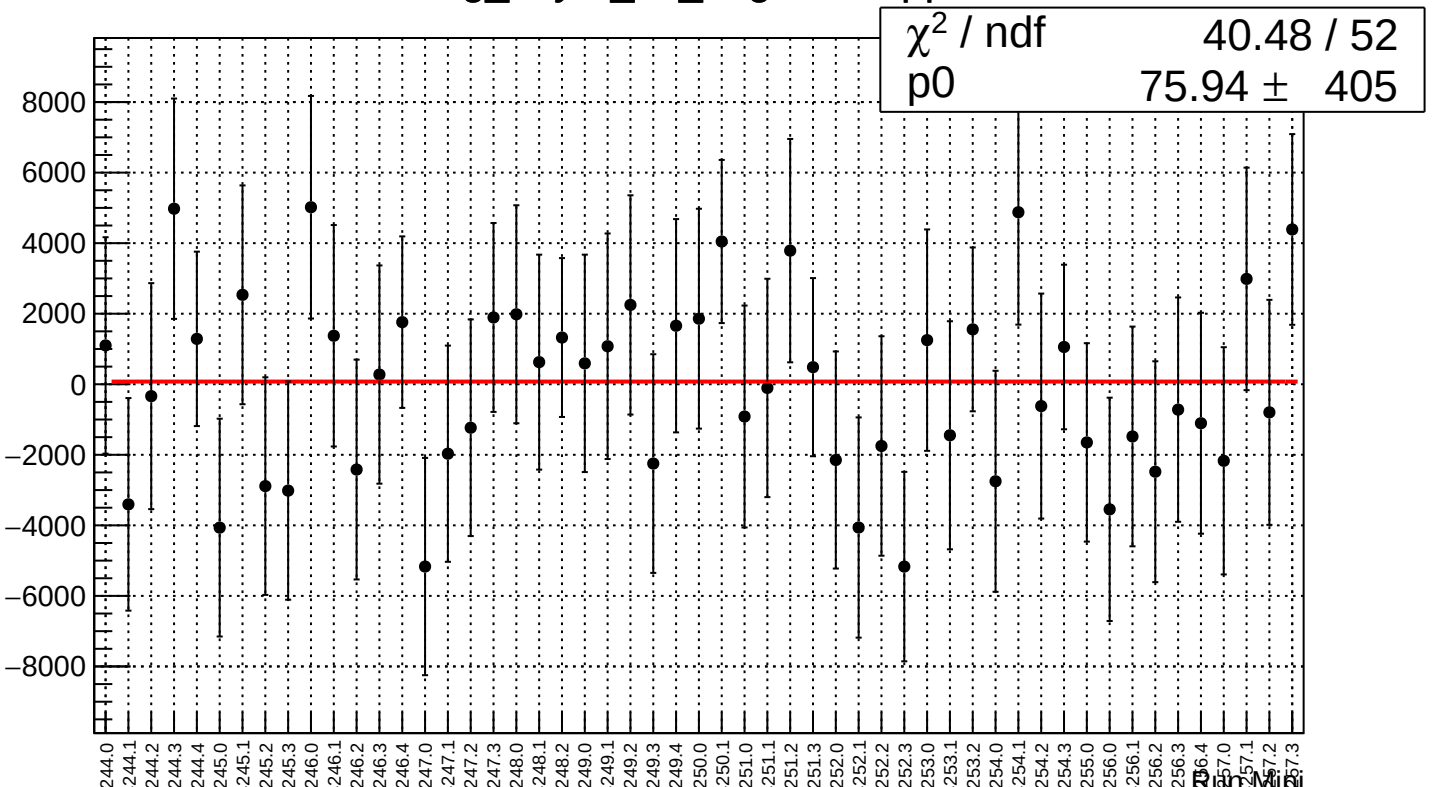

reg_asym_atl1.rms/ppm
htemp
Entries 53
Mean 469.8
Std Dev 5.905
0
0.5
1
1.5
2
2.5
3
3.5
4
460
465
470
475
480
485
reg_asym_atl1.rms/ppm

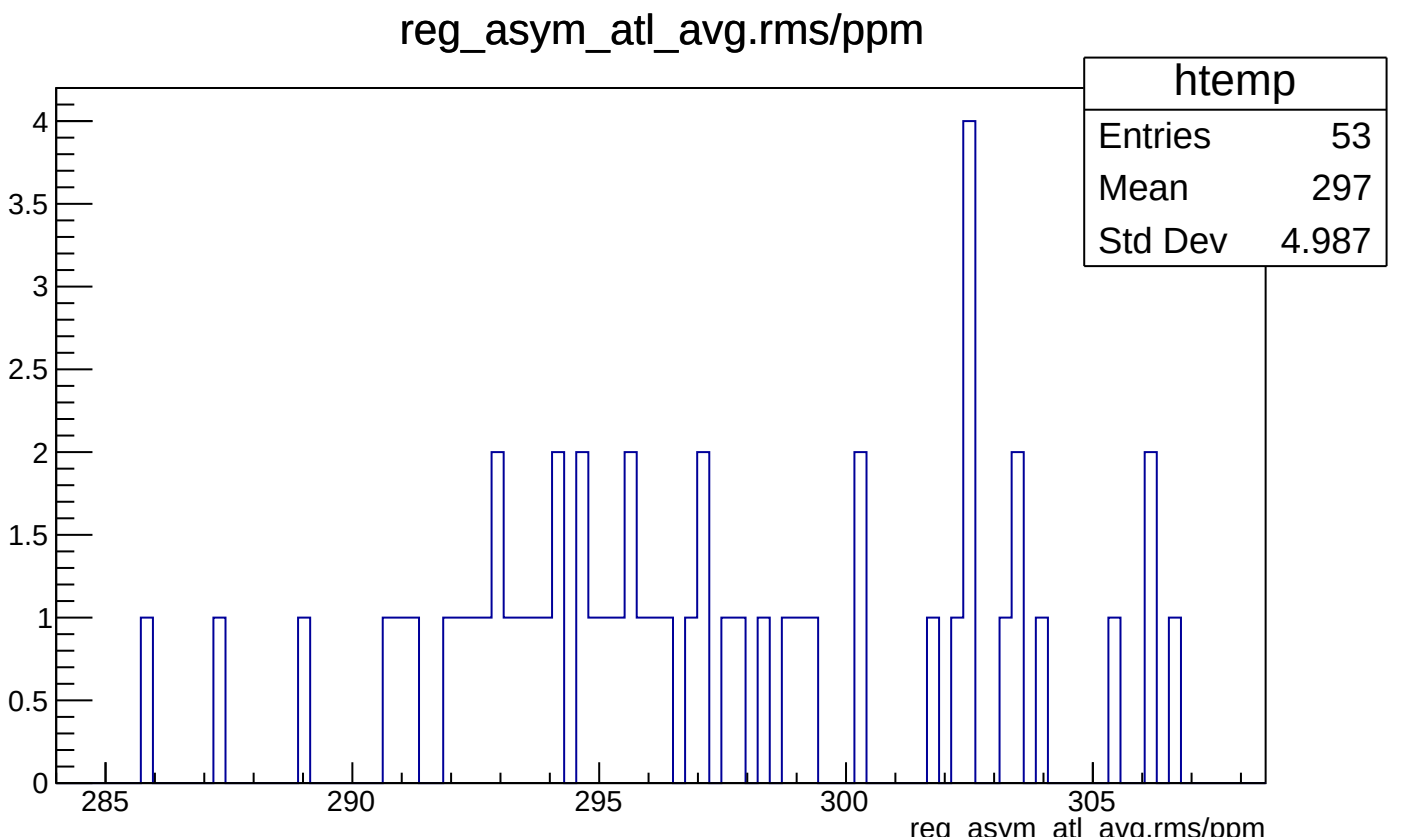

reg_asym_atl1.rms/ppm
485
480
475
470
465
460
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

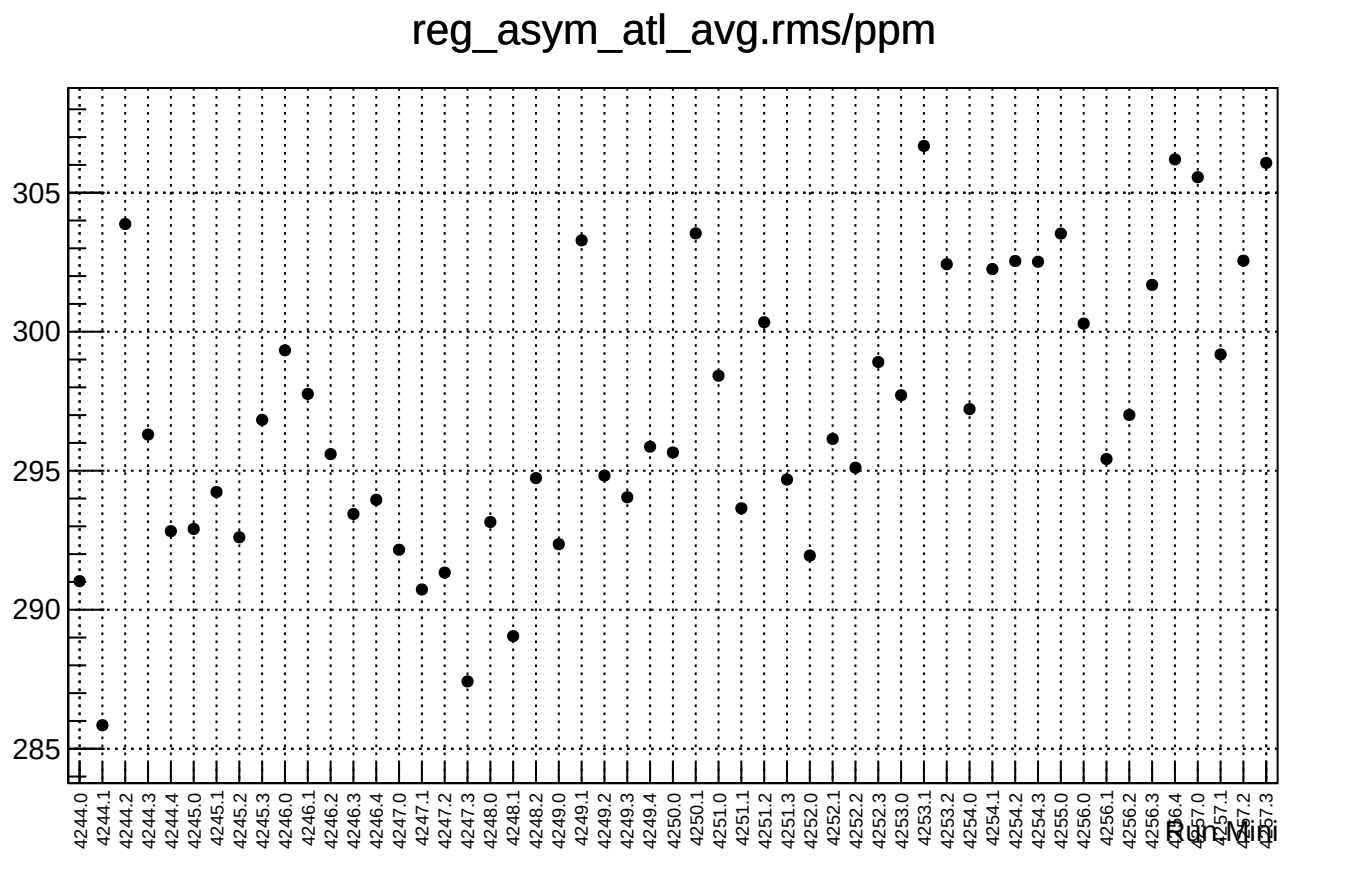

reg_asym_atl2.mean/ppb
χ² / ndf 45.82 / 52
p0 51.19 ± 597.4
15000
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

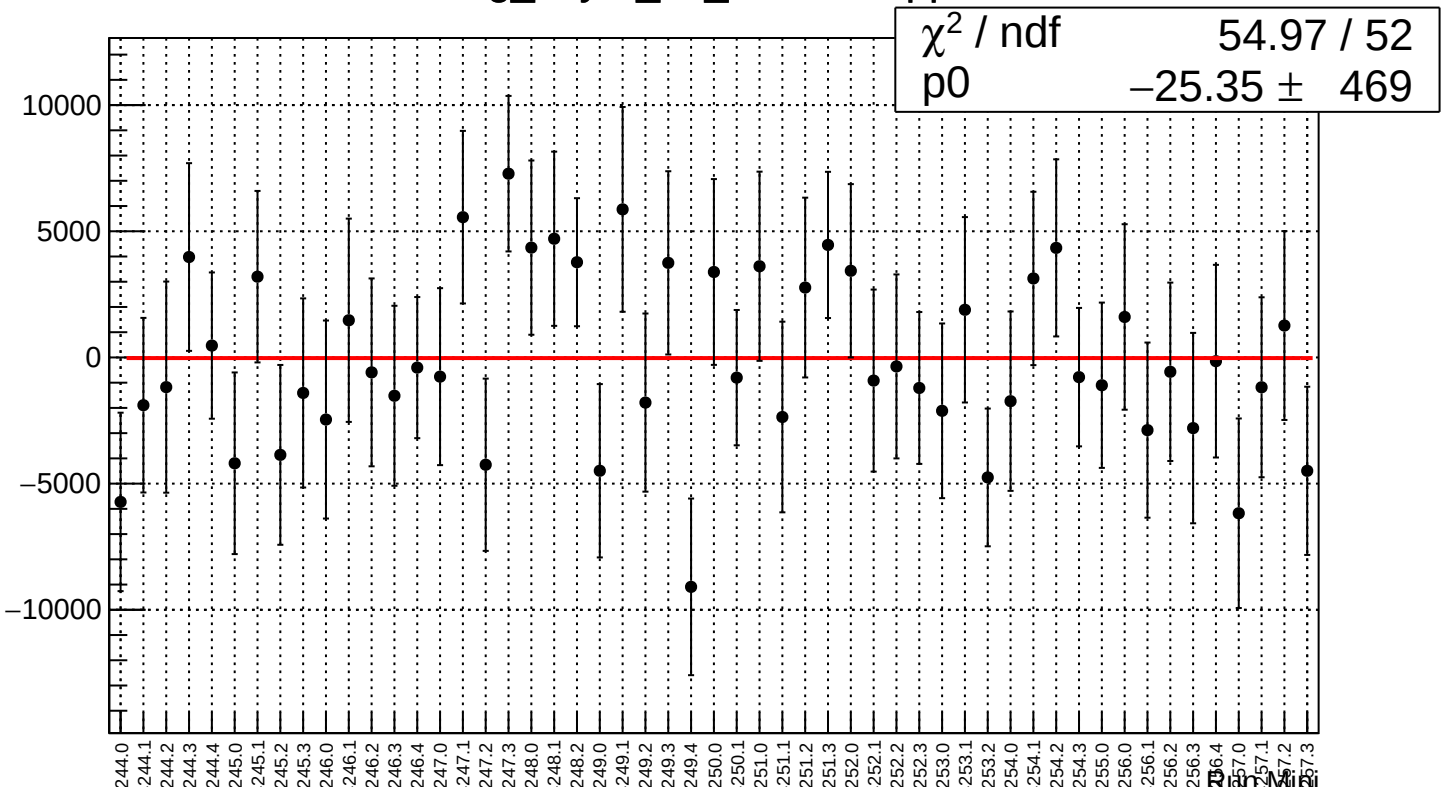

reg_asym_atl2.rms/ppm
htemp
Entries 53
Mean 439.9
Std Dev 27.07
3
2.5
2
1.5
1
0.5
0
400
420
440
460
480
500
520
reg_asym_atl2.rms/ppm

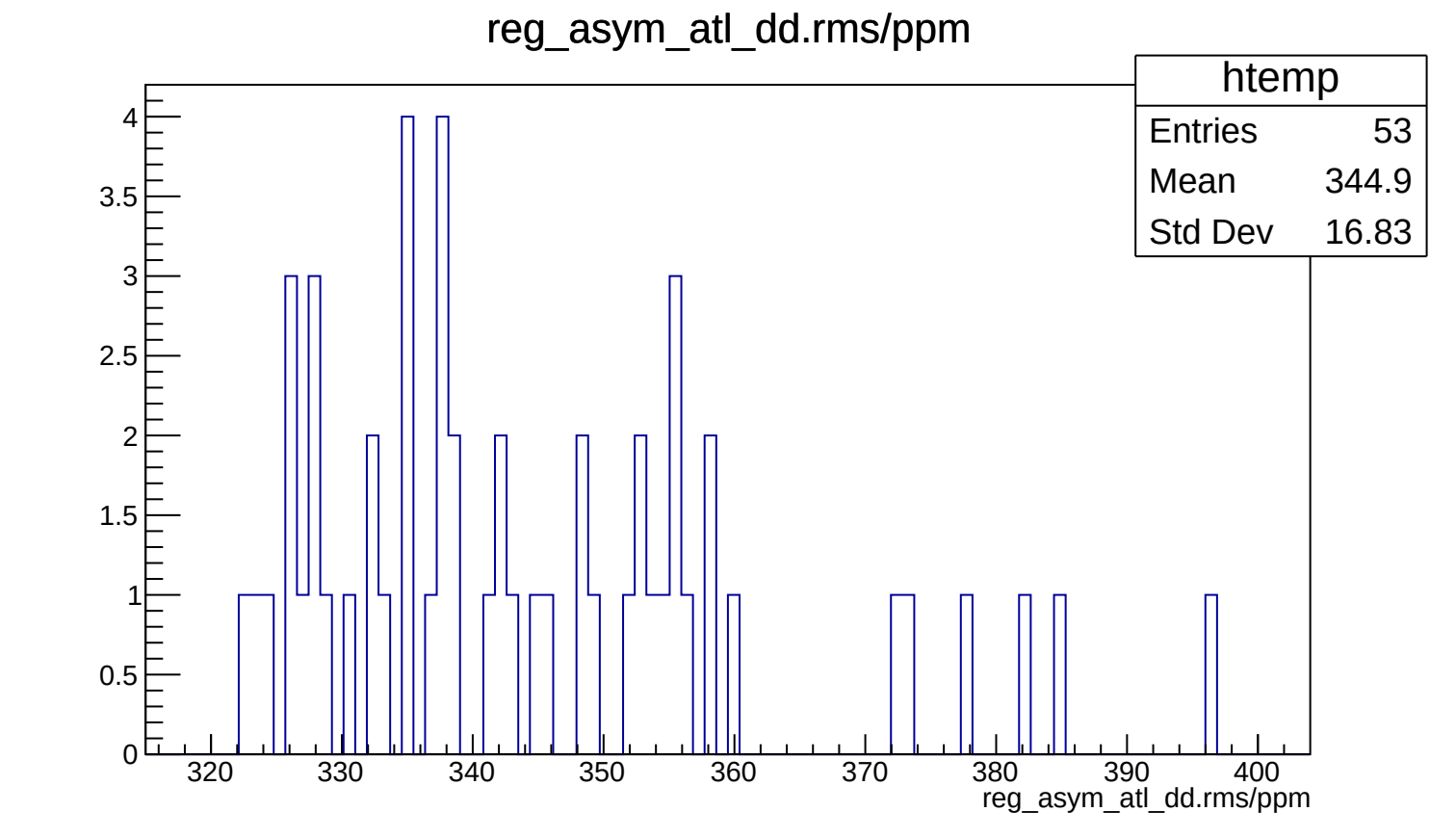

reg_asym_atl2.rms/ppm
520
500
480
460
440
420
400
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

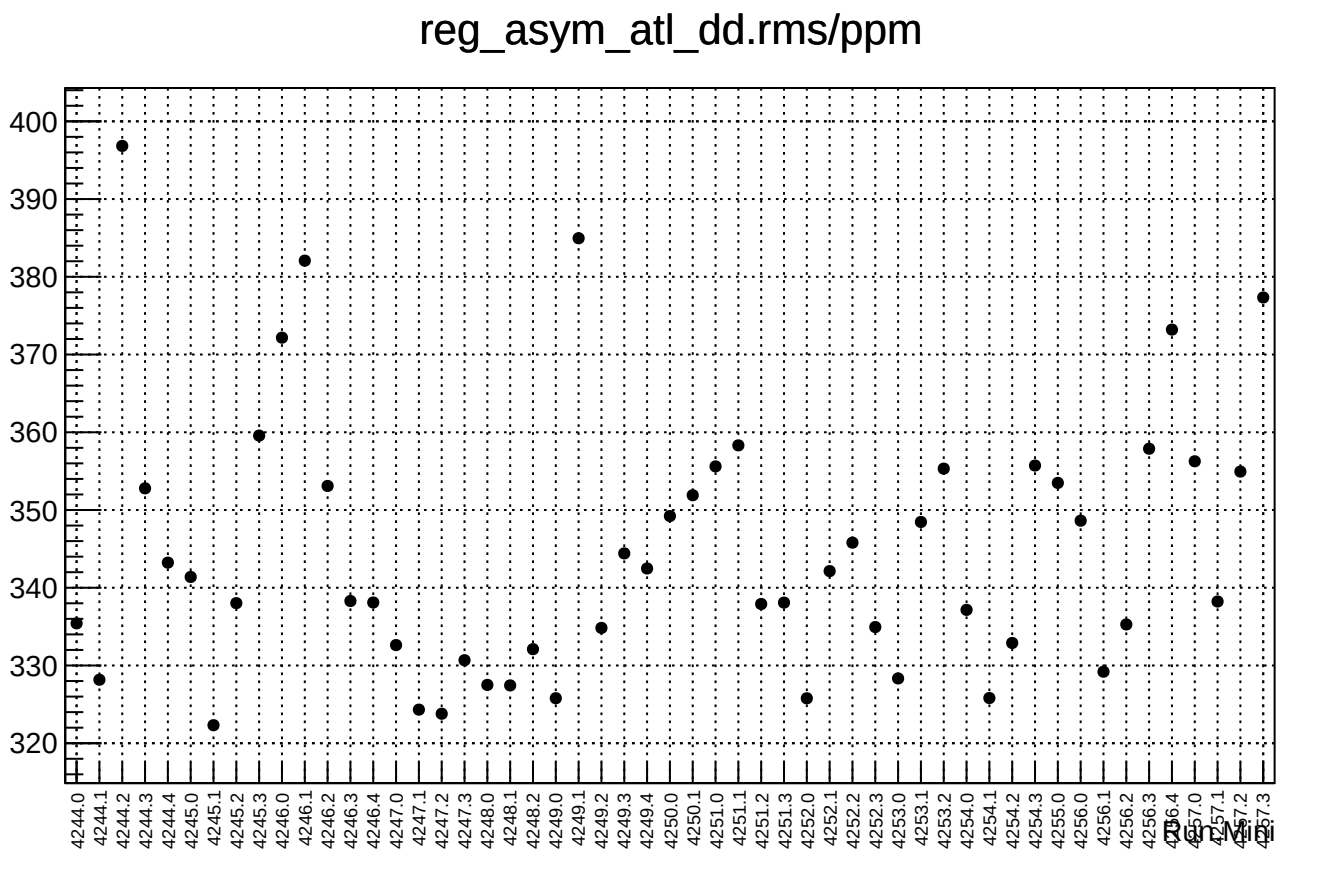

reg_asym_atl_avg.mean/ppb
χ² / ndf 40.48 / 52
p0 75.94 ± 405
8000
6000
4000
2000
0
−2000
−4000
−6000
−8000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

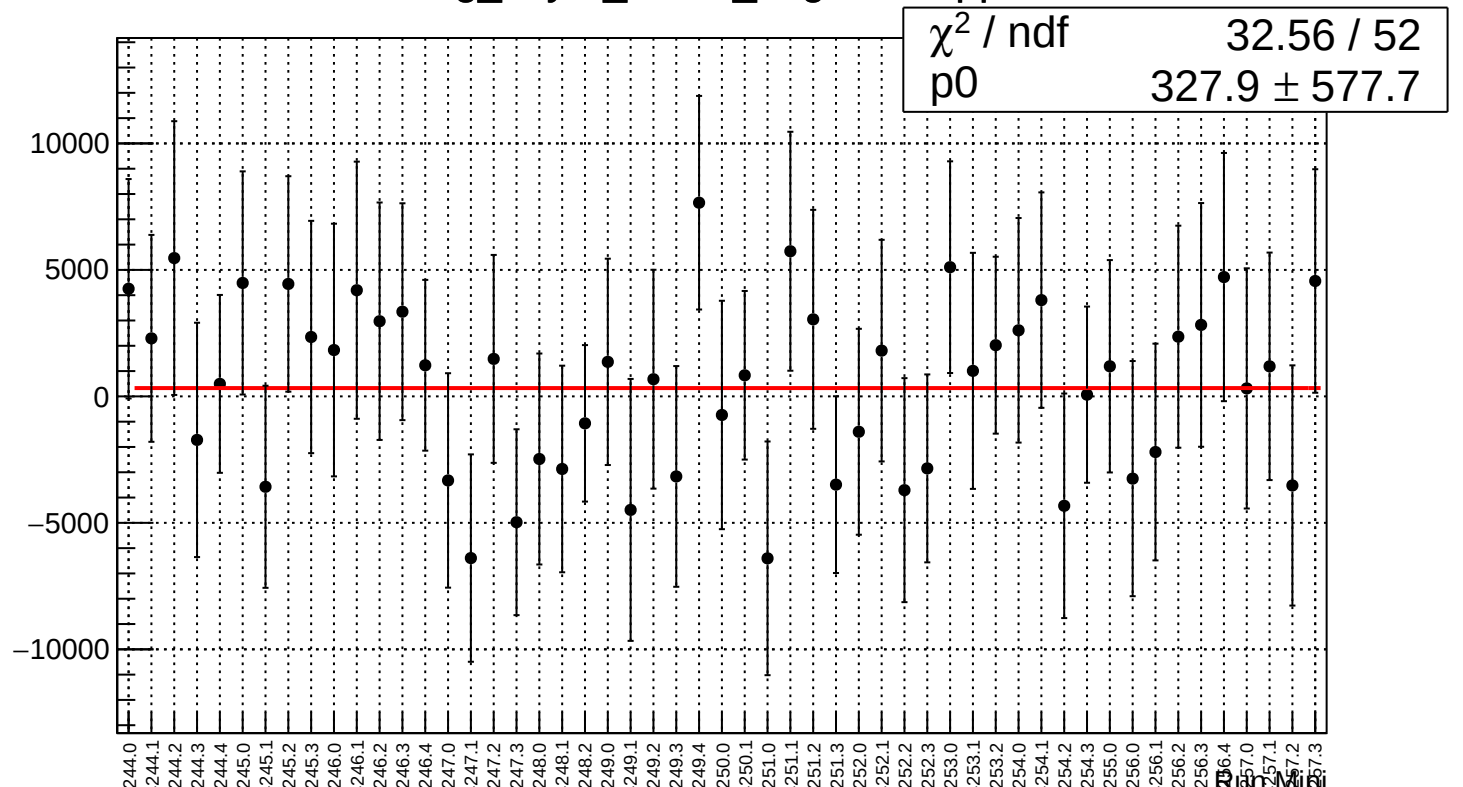

reg_asym_atl_avg.rms/ppm
htemp
Entries 53
Mean 297
Std Dev 4.987
4
3.5
3
2.5
2
1.5
1
0.5
0
285
290
295
300
305
reg_asym_atl_avg.rms/ppm

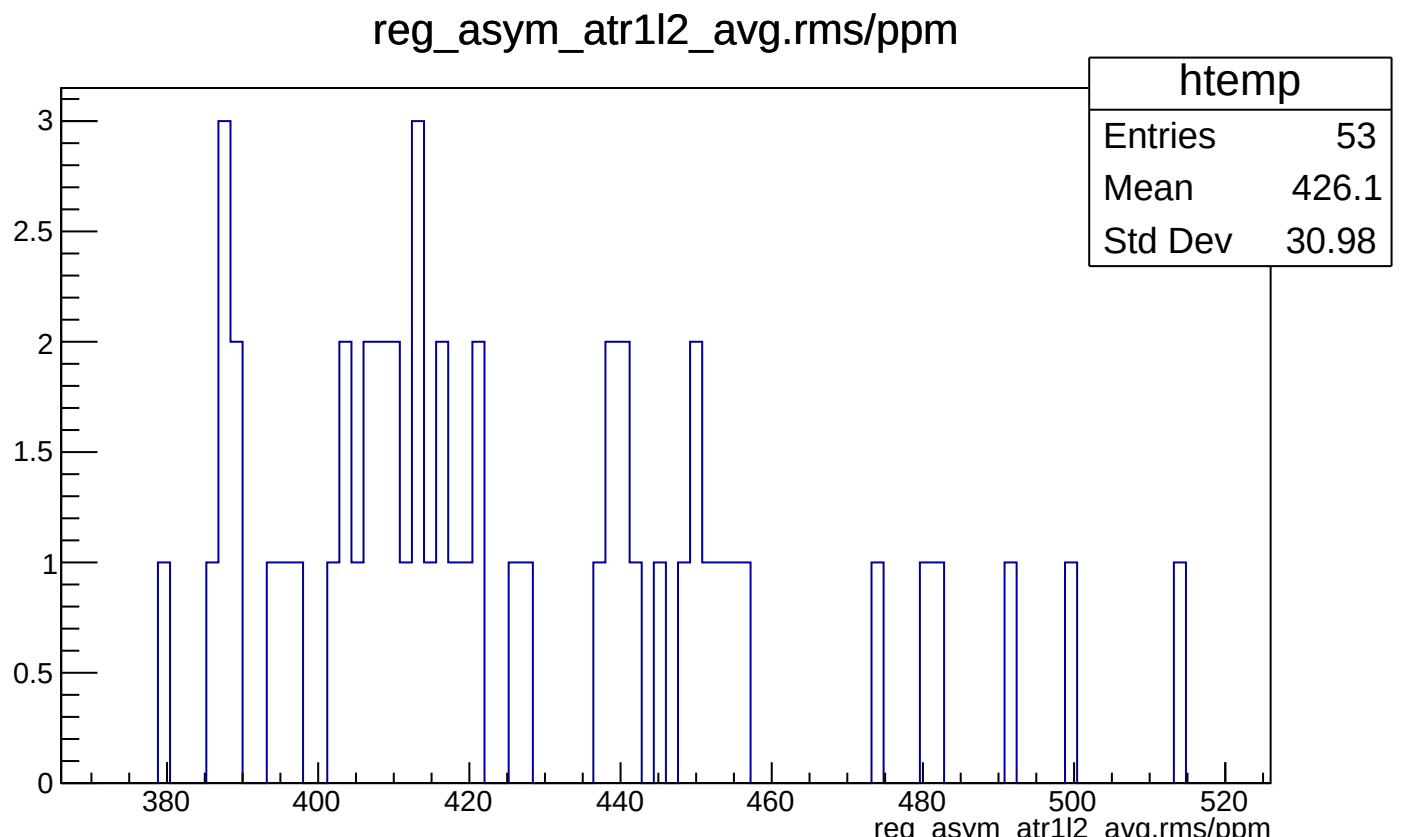

reg_asym_atl_avg.rms/ppm
305
300
295
290
285
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

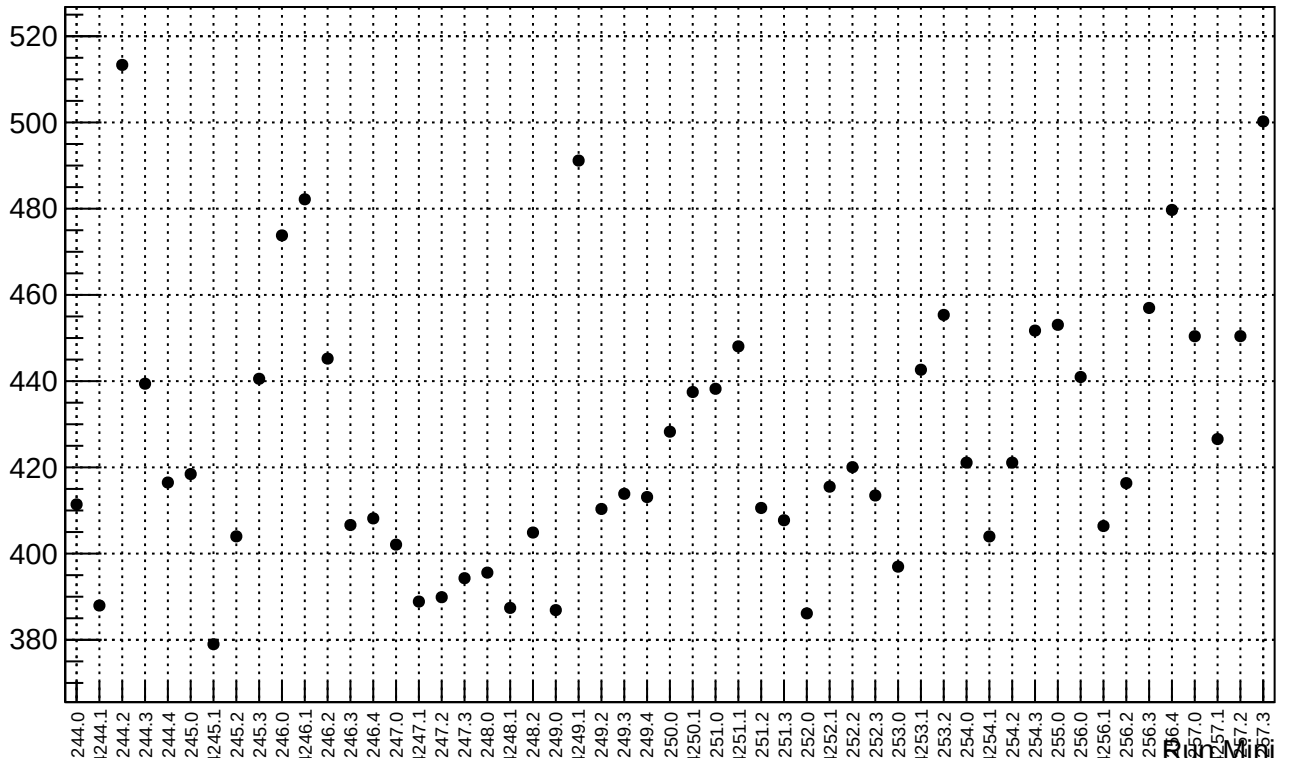

reg_asym_atl_dd.mean/ppb
χ² / ndf 54.97 / 52
p0 −25.35 ± 469
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

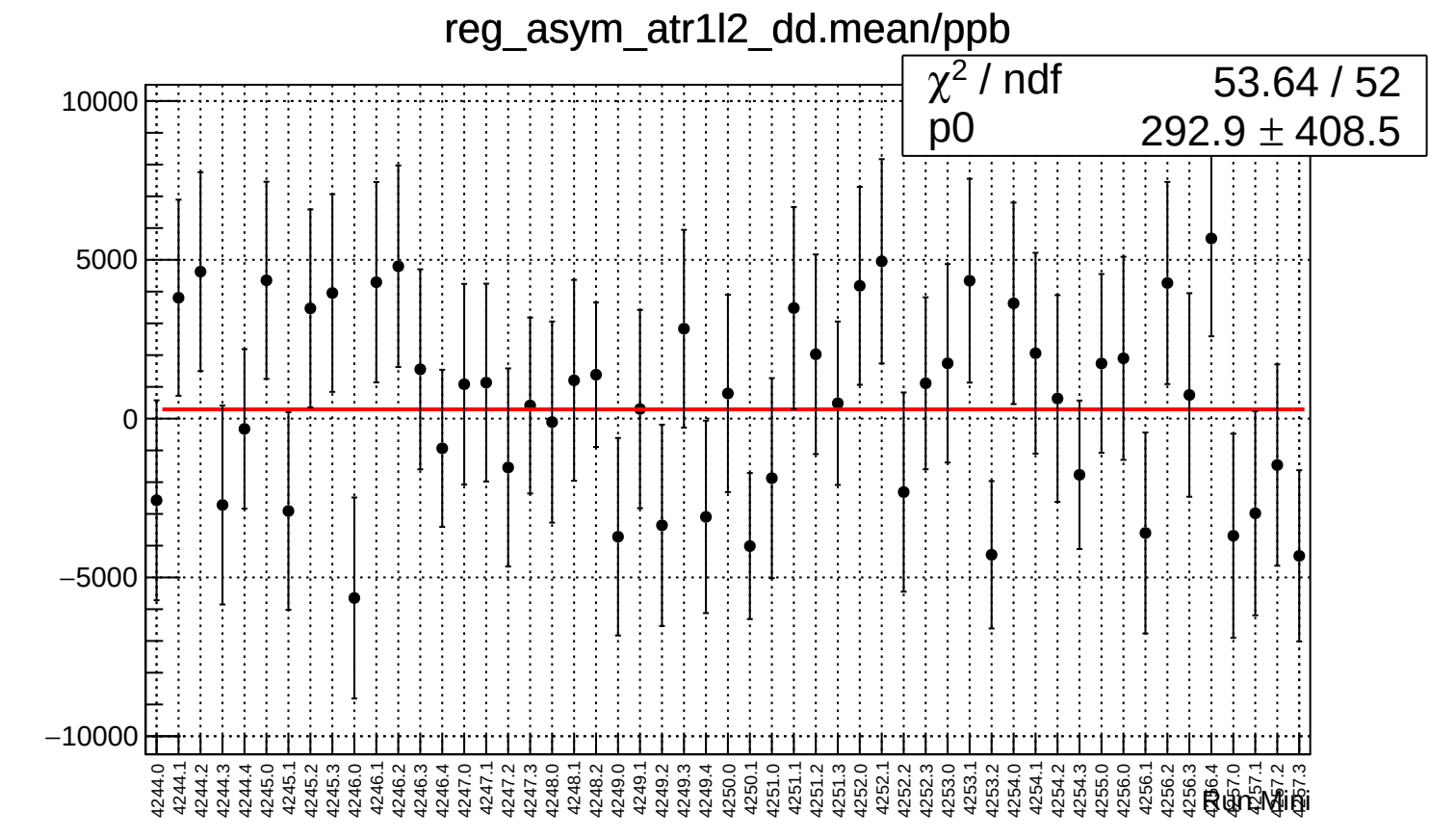

reg_asym_atl_dd.rms/ppm
htemp
Entries 53
Mean 344.9
Std Dev 16.83
0
0.5
1
1.5
2
2.5
3
3.5
4
320
330
340
350
360
370
380
390
400
reg_asym_atl_dd.rms/ppm

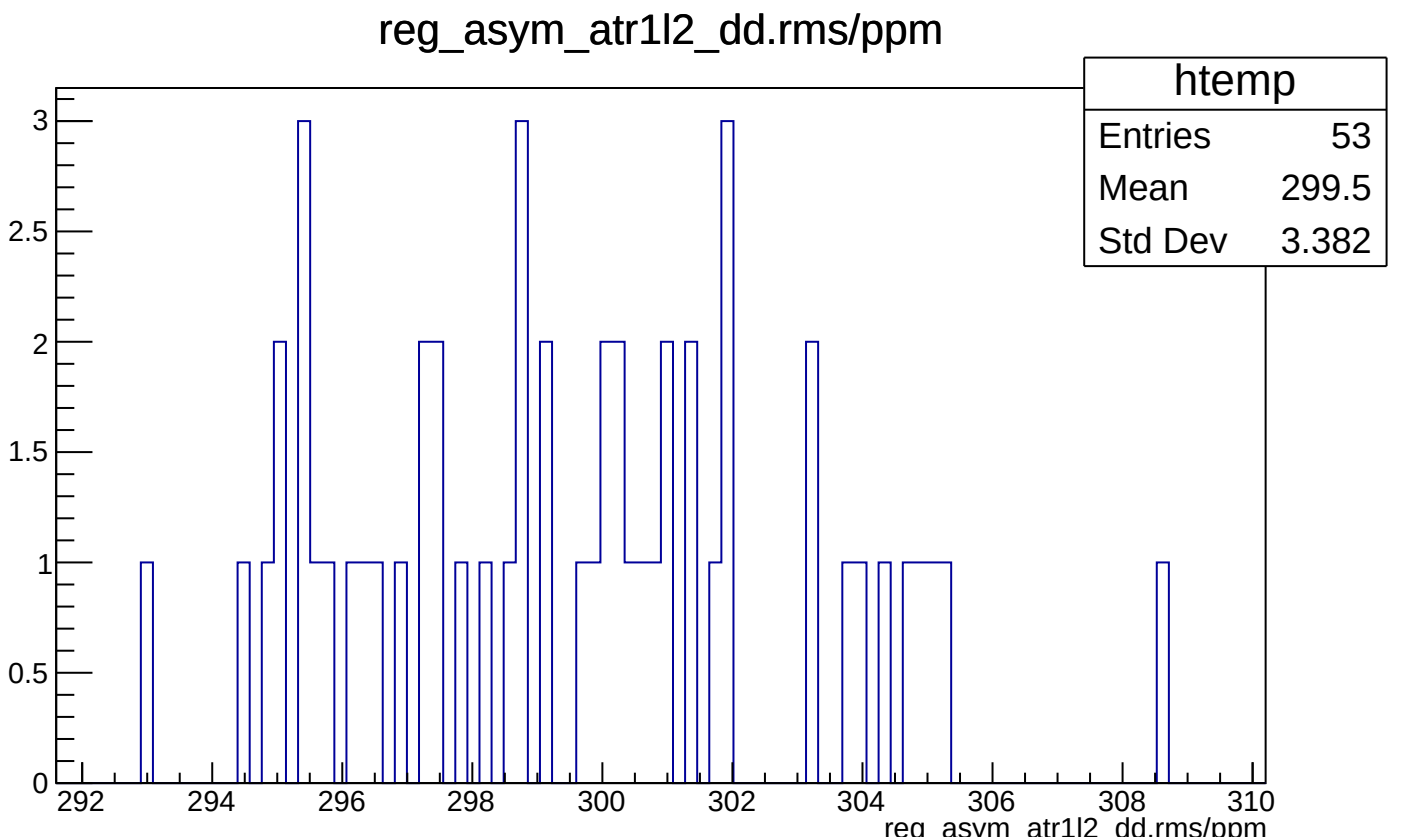

reg_asym_atl_dd.rms/ppm
400
390
380
370
360
350
340
330
320
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

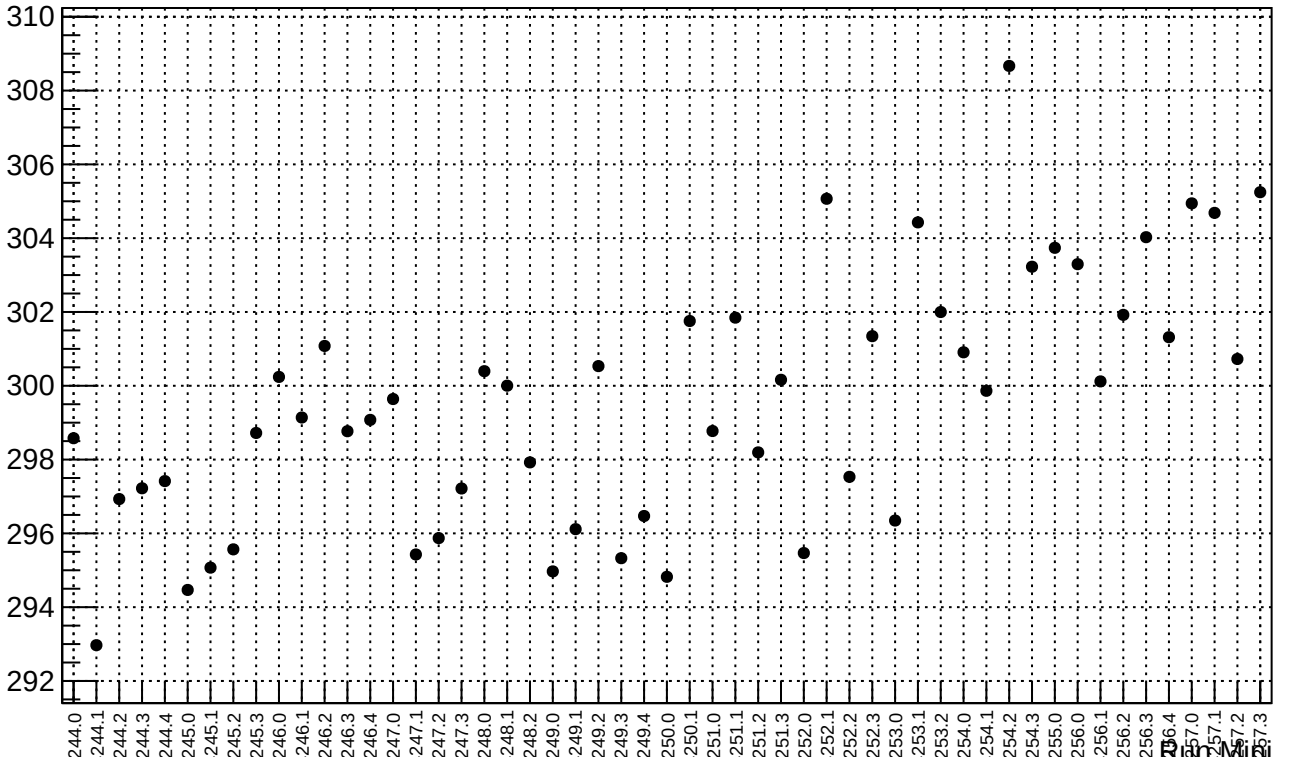

reg_asym_atr1l2_avg.mean/ppb
χ² / ndf 32.56 / 52
p0 327.9 ± 577.7
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

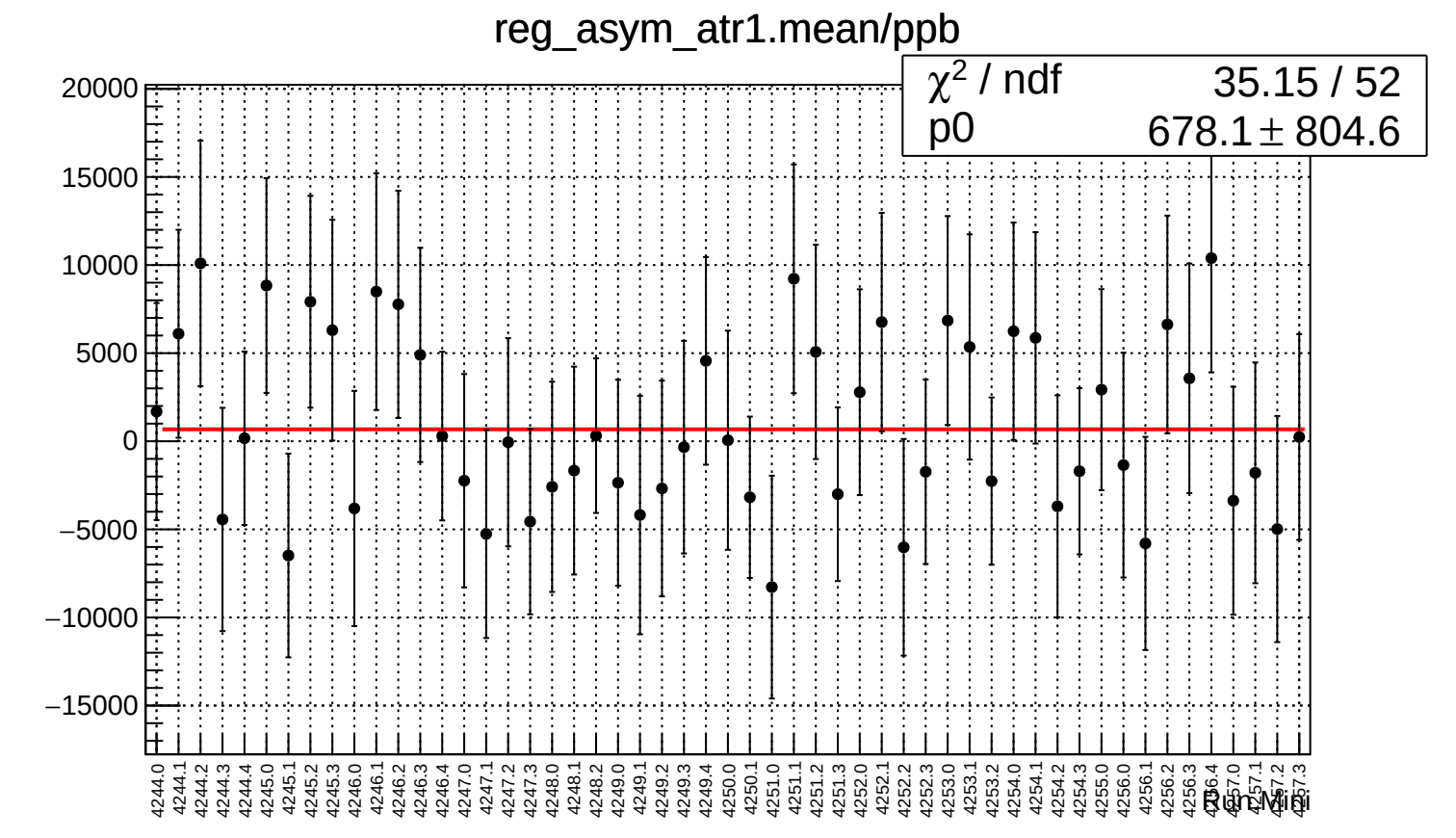

reg_asym_atr1l2_avg.rms/ppm
htemp
Entries 53
Mean 426.1
Std Dev 30.98
3
2.5
2
1.5
1
0.5
0
380
400
420
440
460
480
500
520
reg_asym_atr1l2_avg.rms/ppm

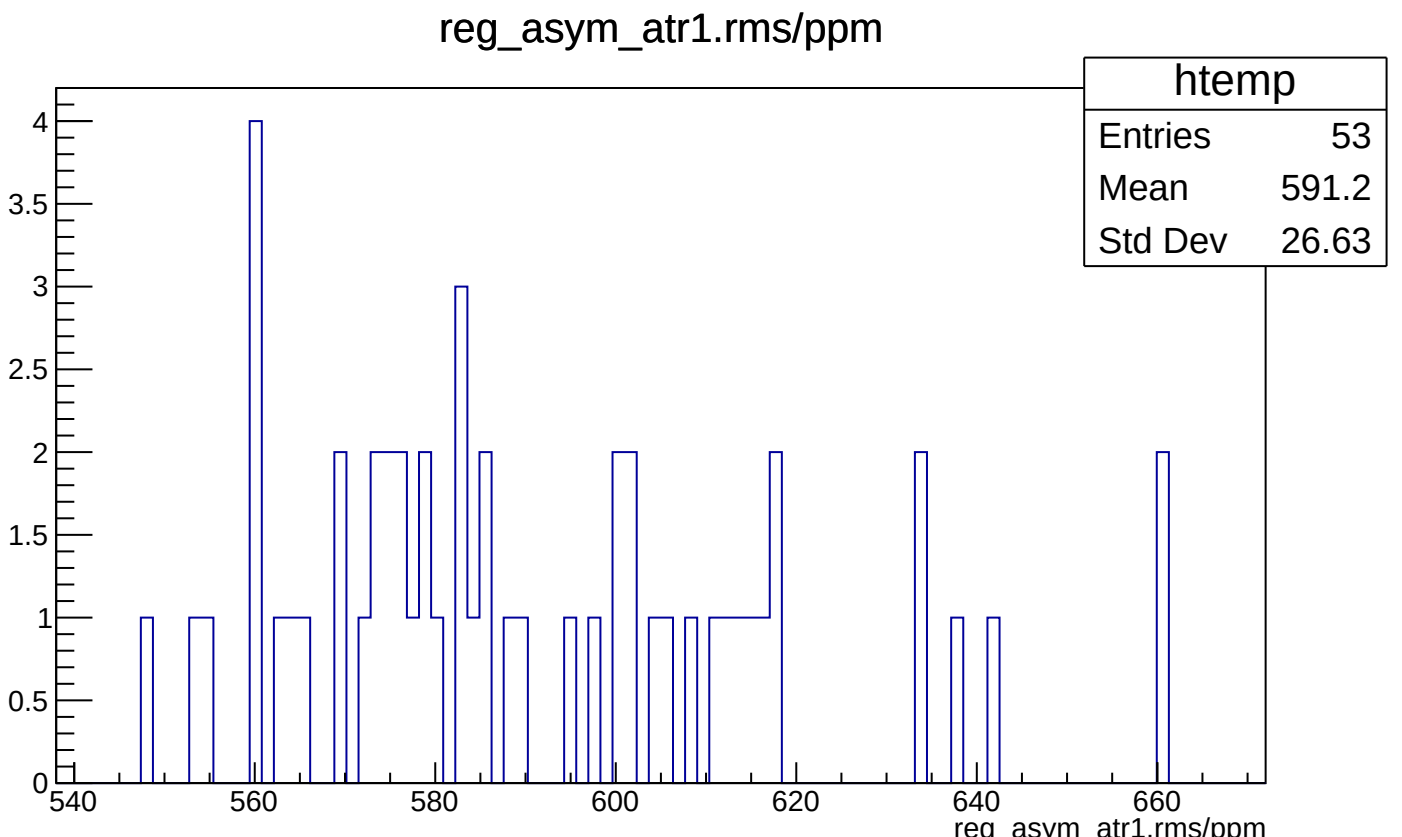

reg_asym_atr1l2_avg.rms/ppm
520
500
480
460
440
420
400
380
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

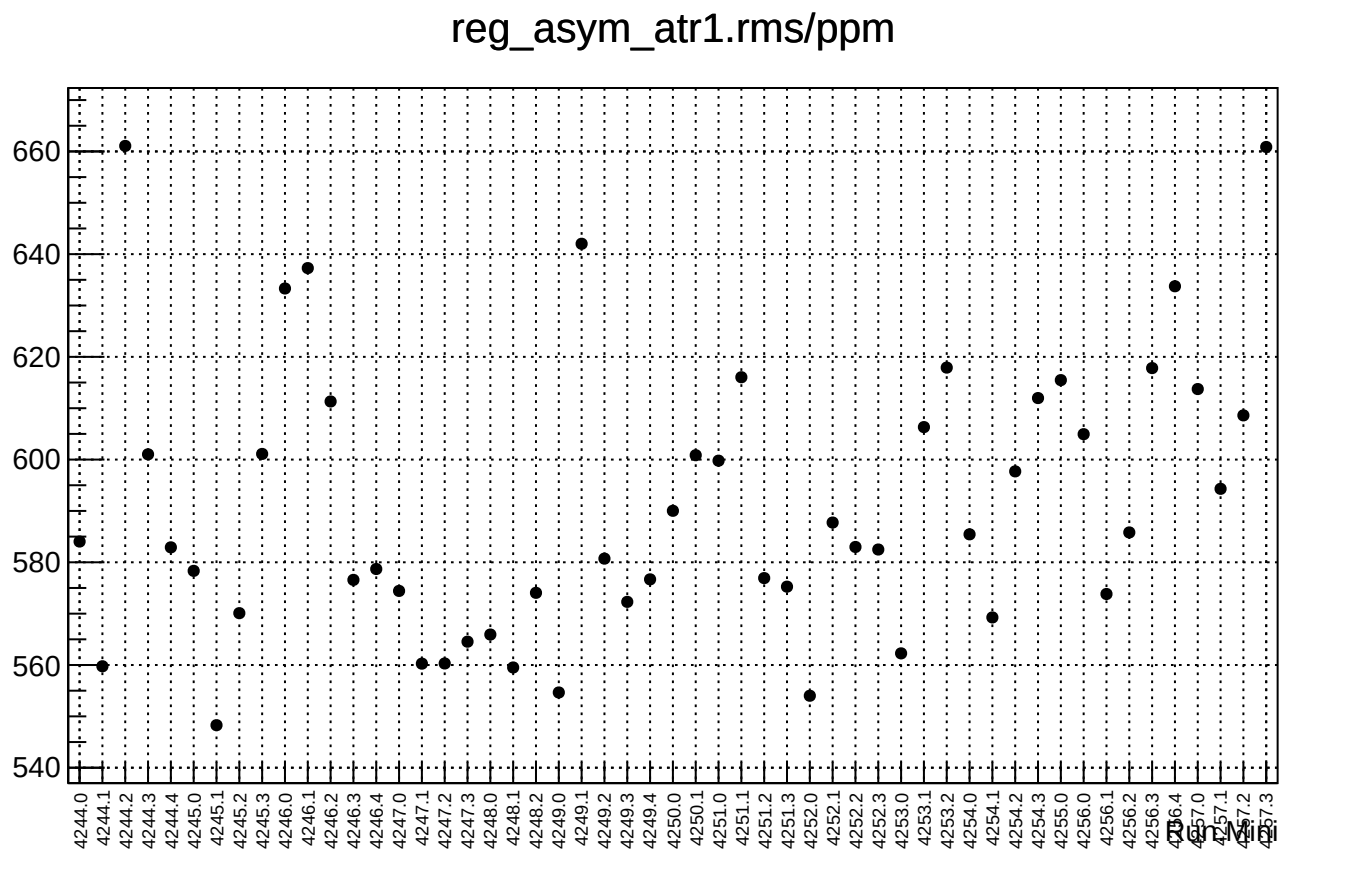

reg_asym_atr1l2_dd.mean/ppb
χ² / ndf 53.64 / 52
p0 292.9 ± 408.5
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

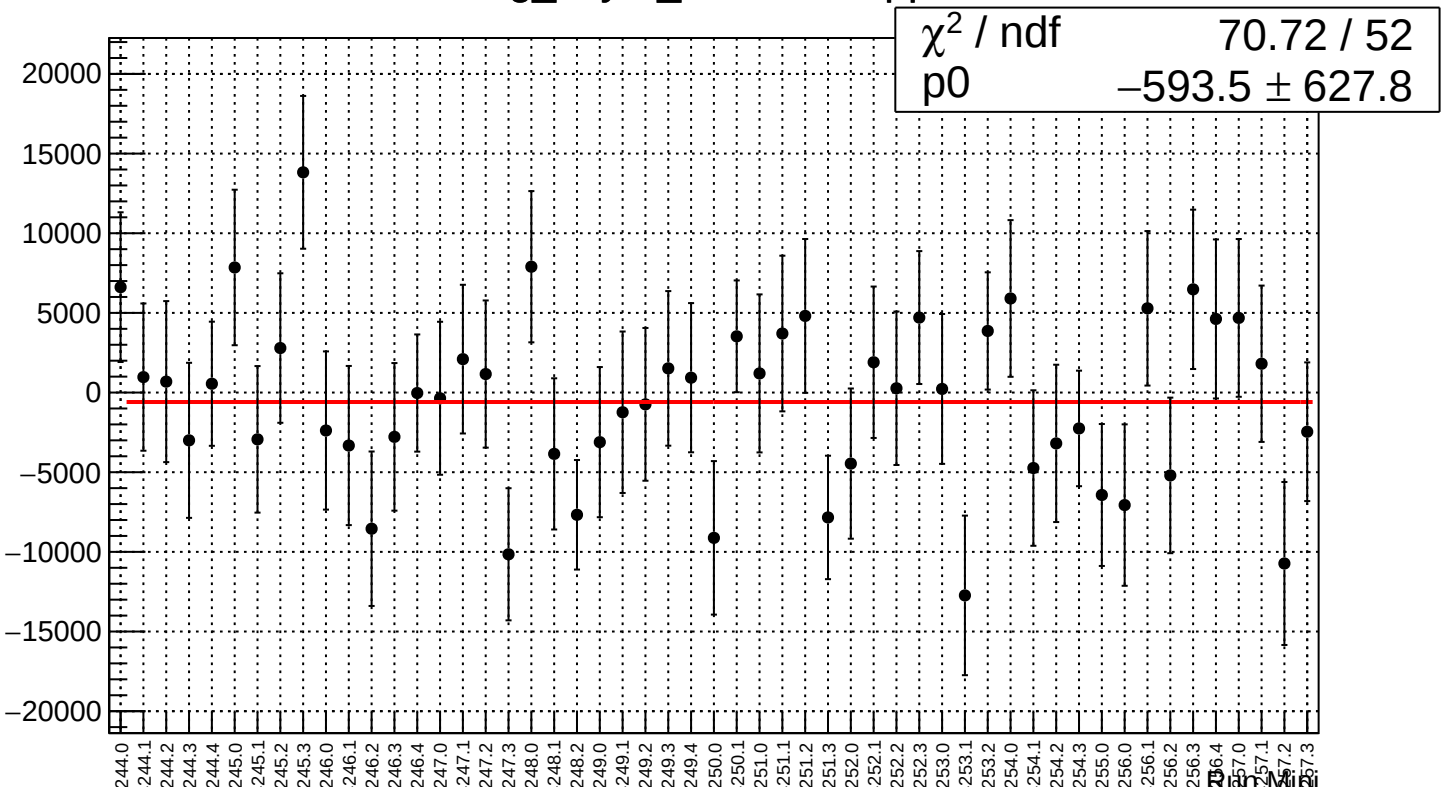

reg_asym_atr1l2_dd.rms/ppm
htemp
Entries 53
Mean 299.5
Std Dev 3.382
3
2.5
2
1.5
1
0.5
0
292
294
296
298
300
302
304
306
308
310
reg_asym_atr1l2_dd.rms/ppm

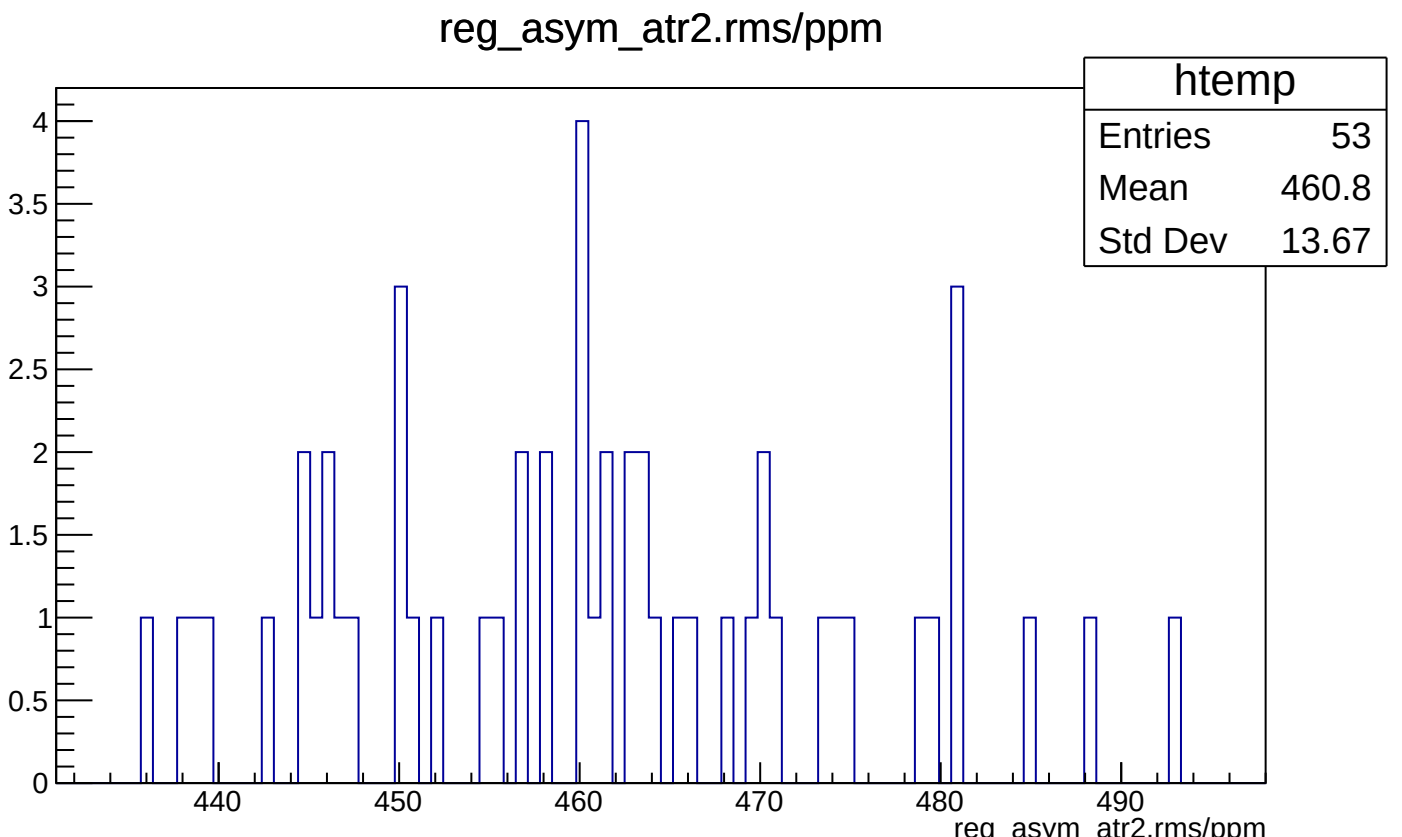

reg_asym_atr1l2_dd.rms/ppm
310
308
306
304
302
300
298
296
294
292
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

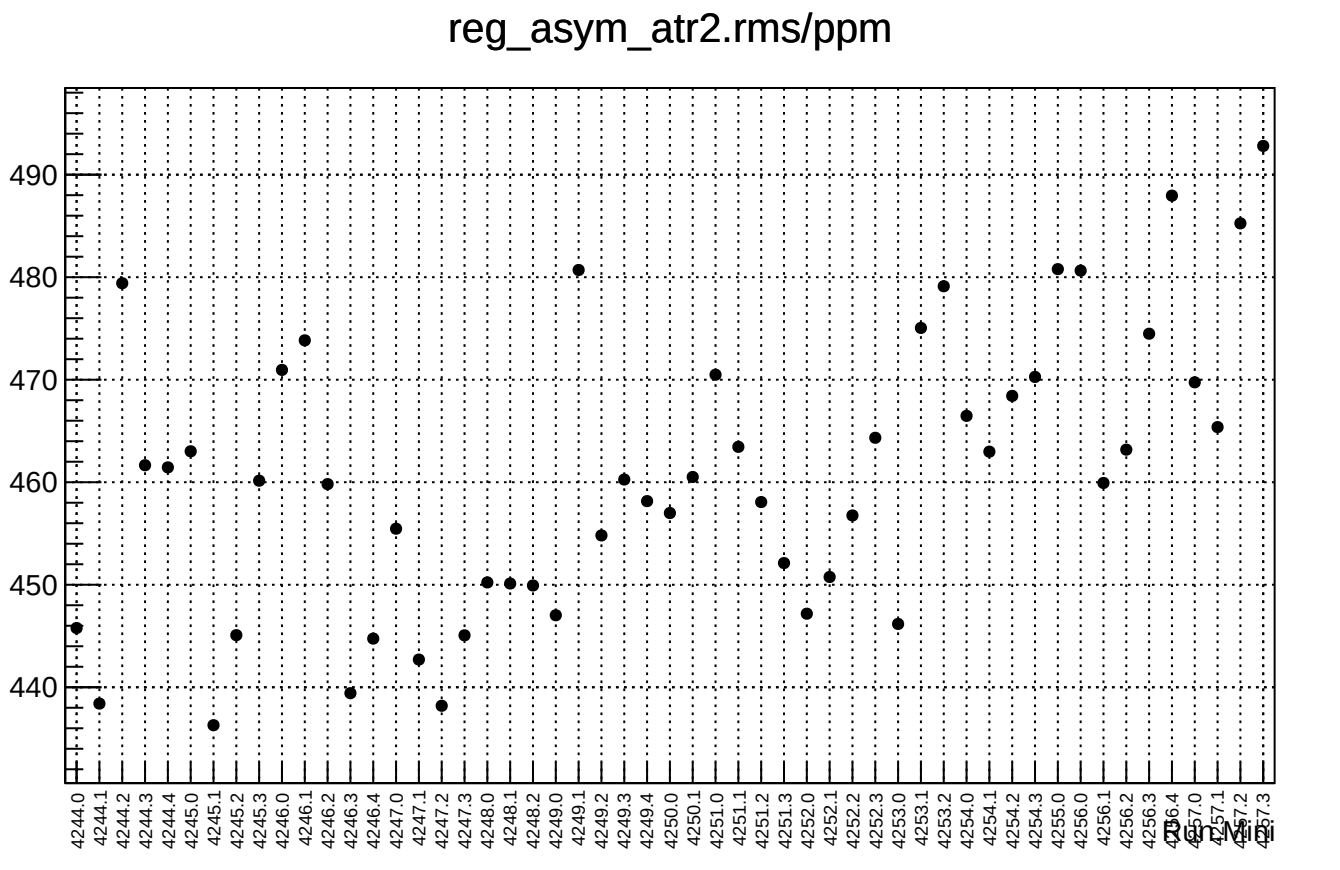

reg_asym_atr1.mean/ppb
χ² / ndf 35.15 / 52
p0 678.1 ± 804.6
20000
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

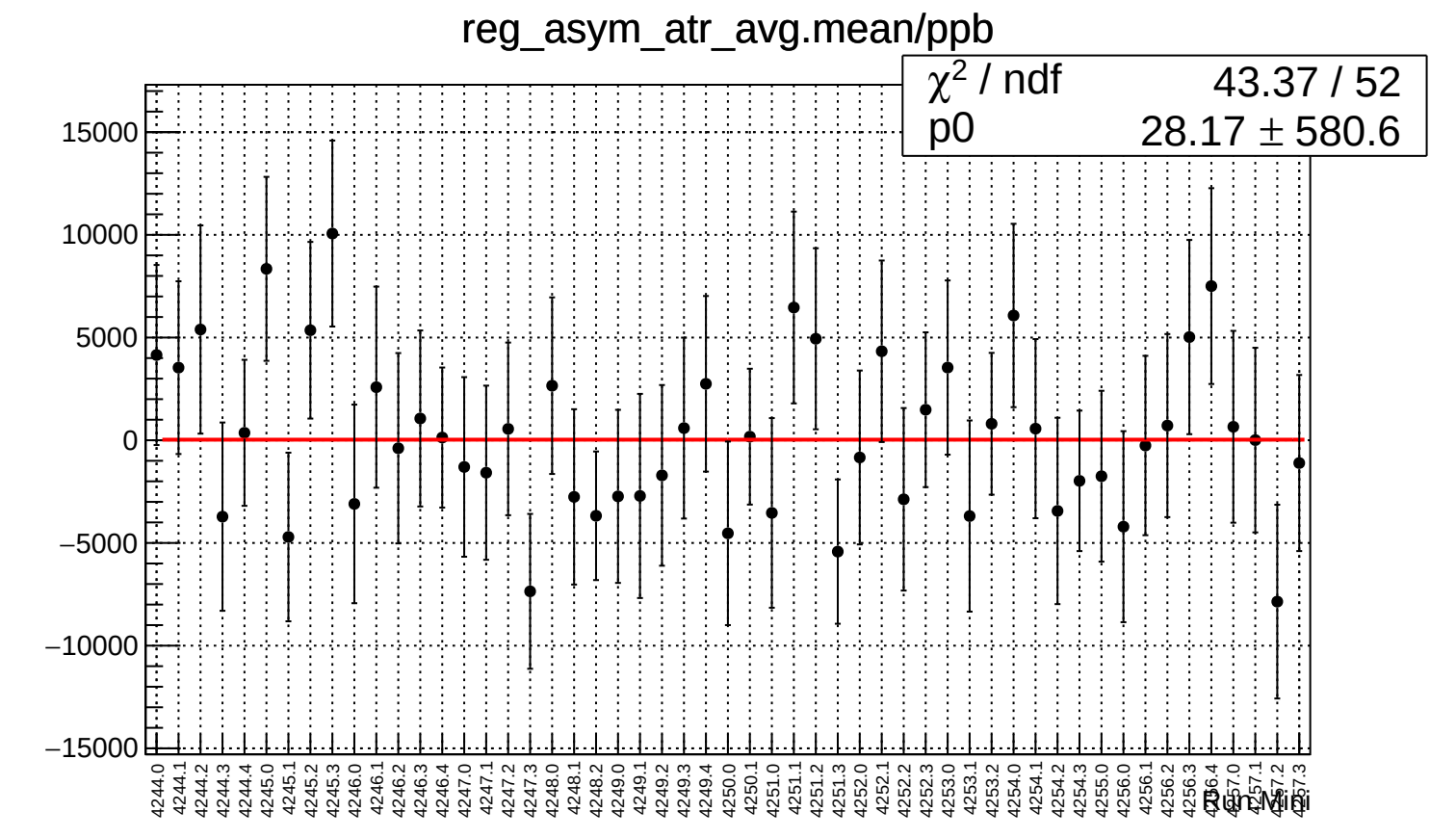

reg_asym_atr1.rms/ppm
htemp
Entries 53
Mean 591.2
Std Dev 26.63
0
0.5
1
1.5
2
2.5
3
3.5
4
540
560
580
600
620
640
660
reg_asym_atr1.rms/ppm

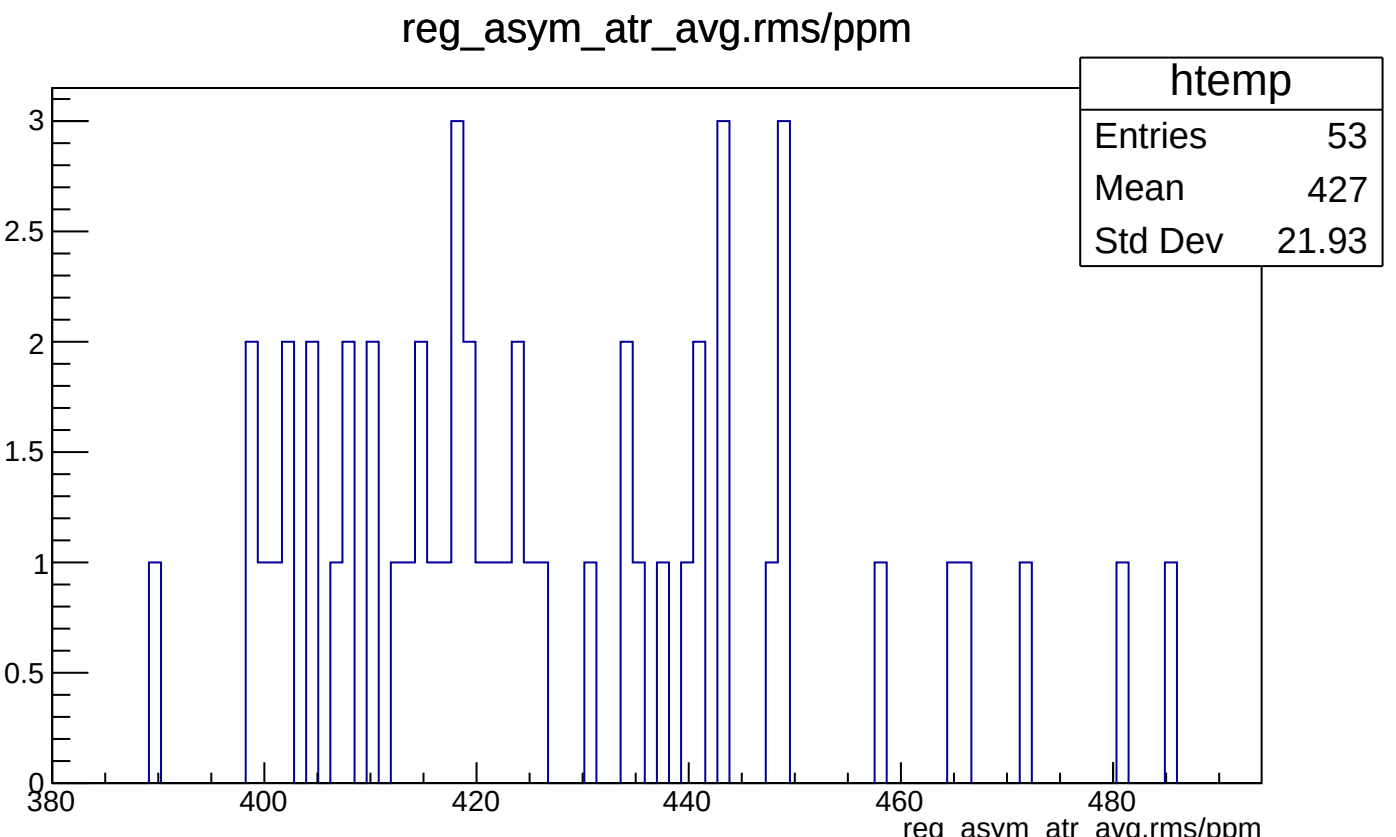

reg_asym_atr1.rms/ppm
660
640
620
600
580
560
540
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

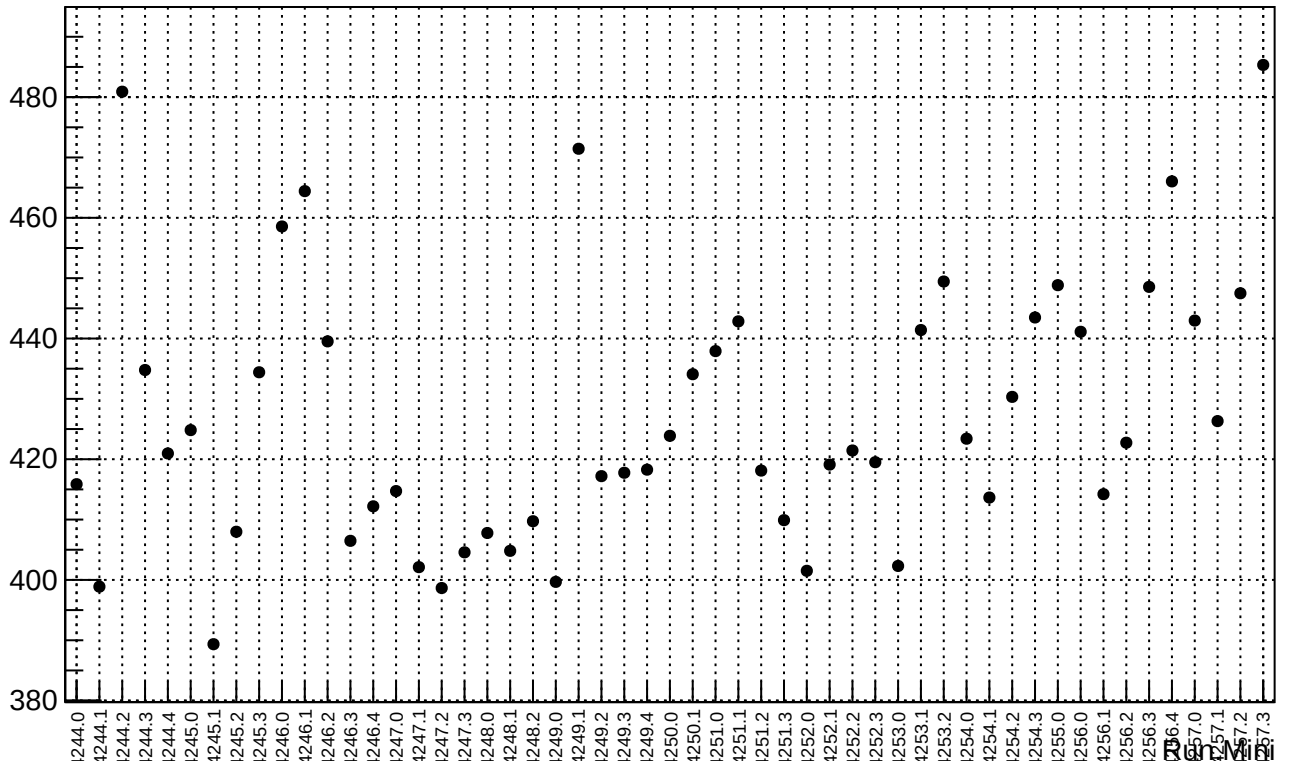

reg_asym_atr2.mean/ppb
χ² / ndf 70.72 / 52
p0 –593.5 ± 627.8
20000
15000
10000
5000
0
−5000
−10000
−15000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

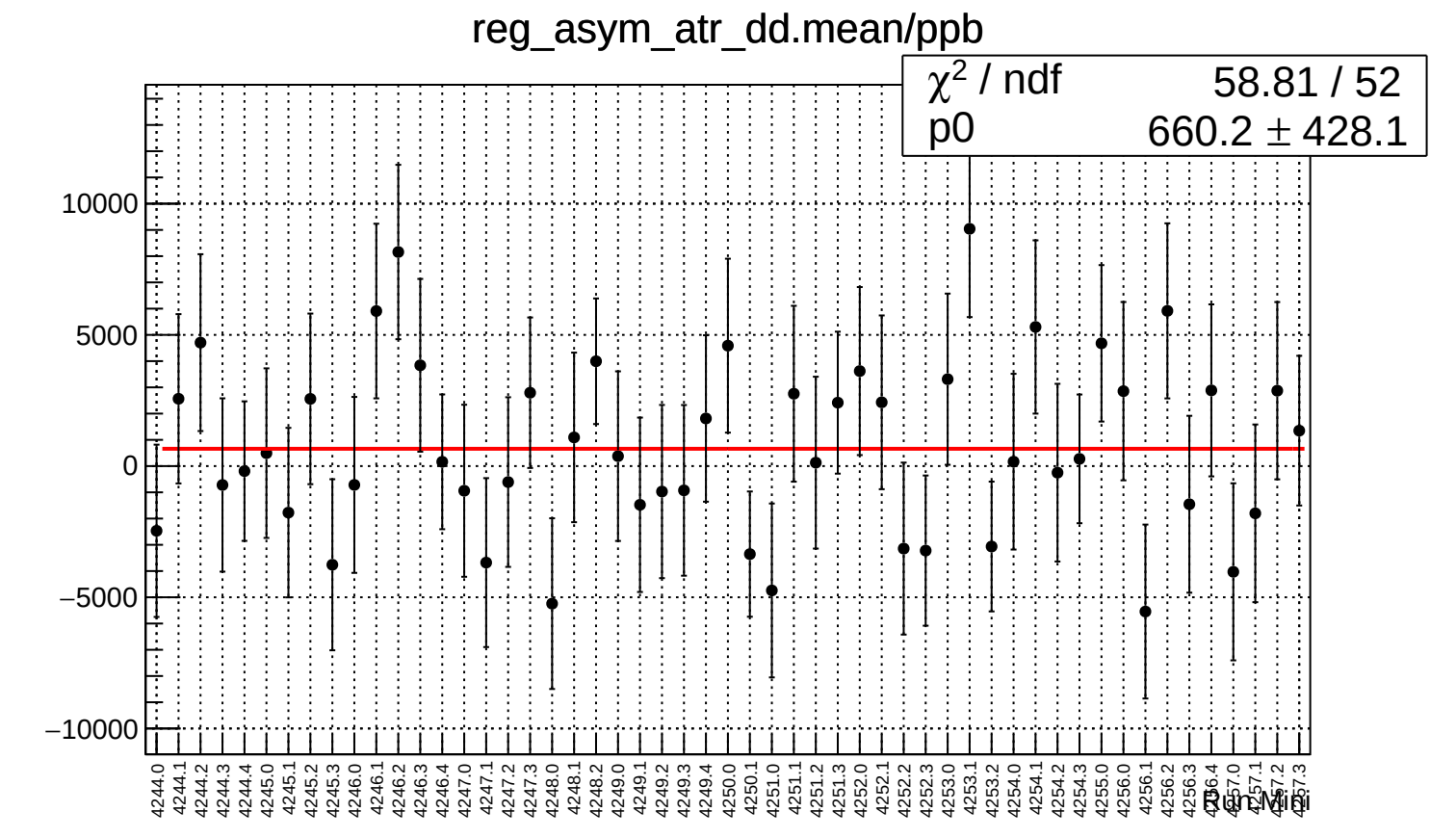

reg_asym_atr2.rms/ppm
htemp
Entries 53
Mean 460.8
Std Dev 13.67
0
0.5
1
1.5
2
2.5
3
3.5
4
440
450
460
470
480
490
reg_asym_atr2.rms/ppm

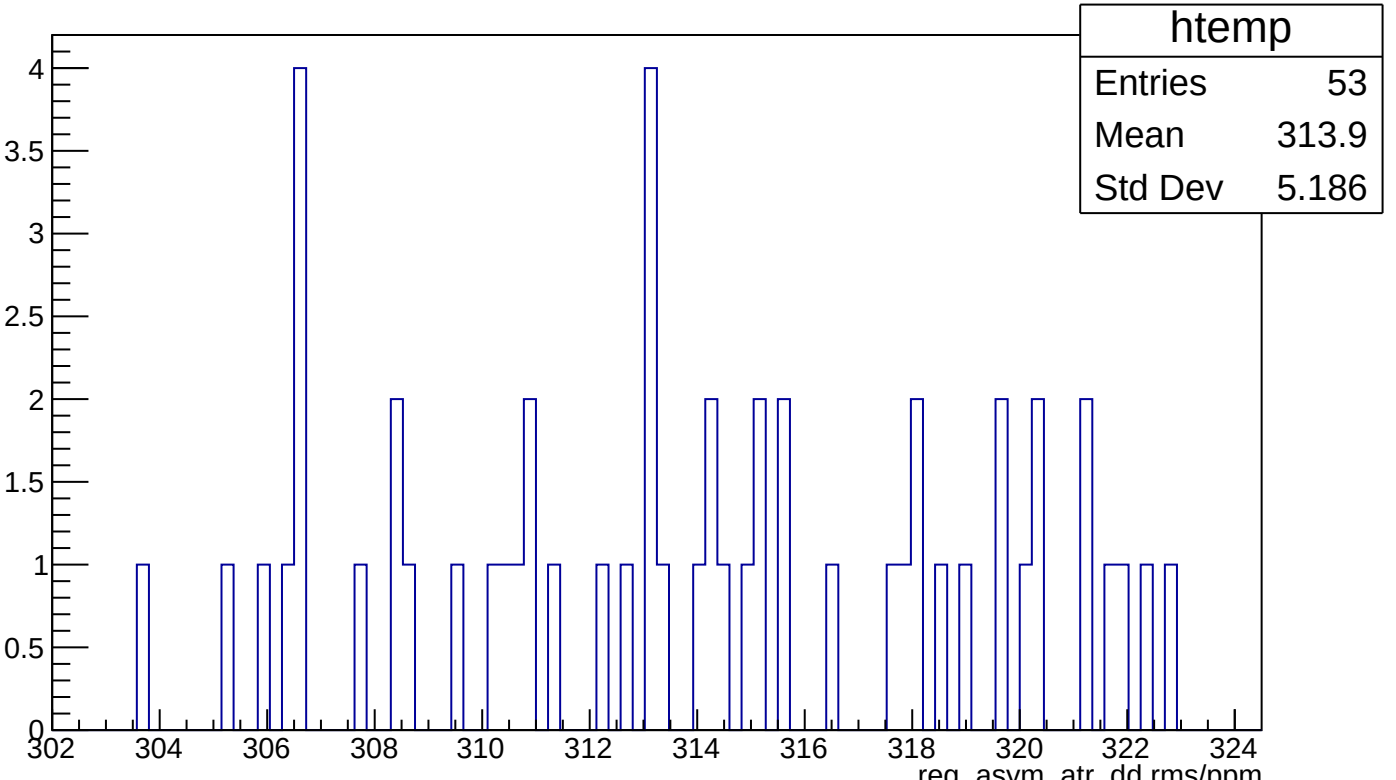

reg_asym_atr2.rms/ppm
490
480
470
460
450
440
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

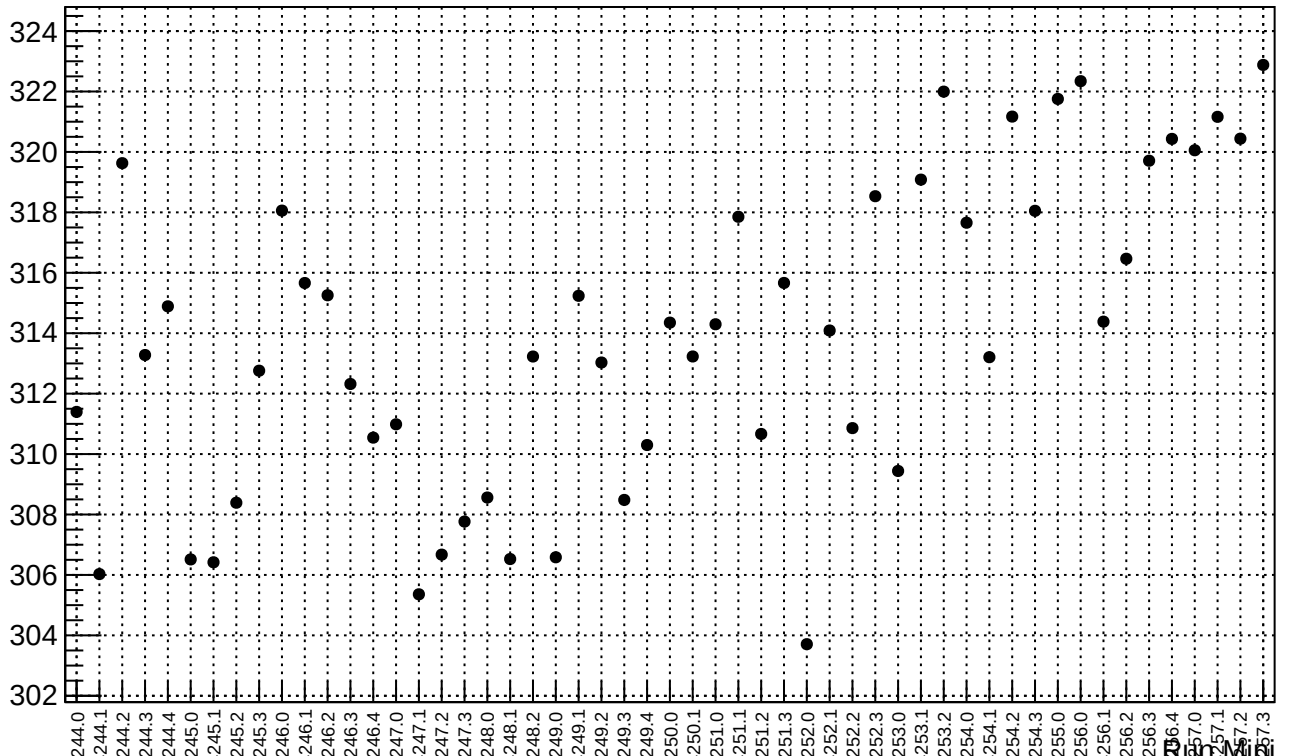

reg_asym_atr_avg.mean/ppb
χ² / ndf 43.37 / 52
p0 28.17 ± 580.6
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

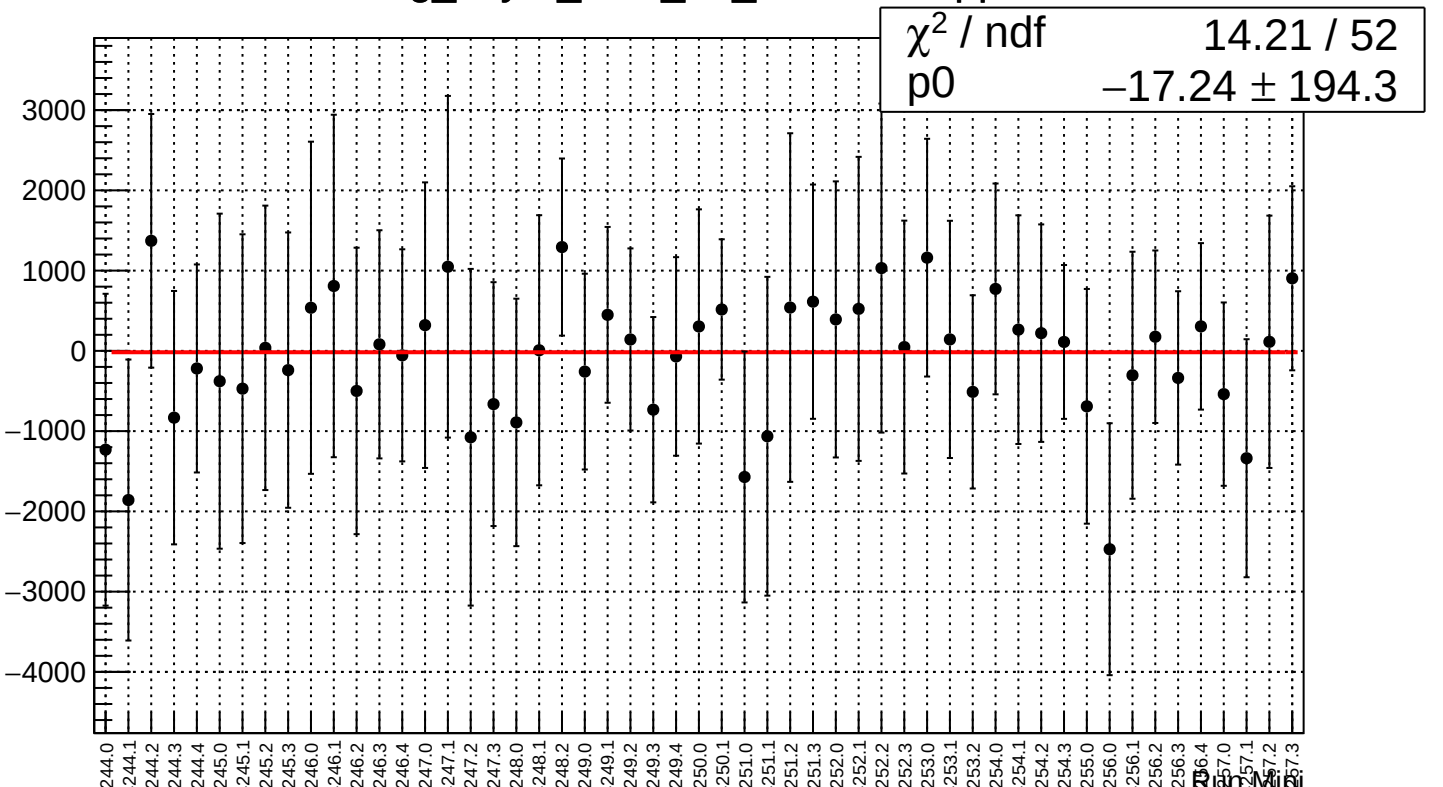

reg_asym_atr_avg.rms/ppm
htemp
Entries 53
Mean 427
Std Dev 21.93
3
2.5
2
1.5
1
0.5
0
380
400
420
440
460
480
reg_asym_atr_avg.rms/ppm

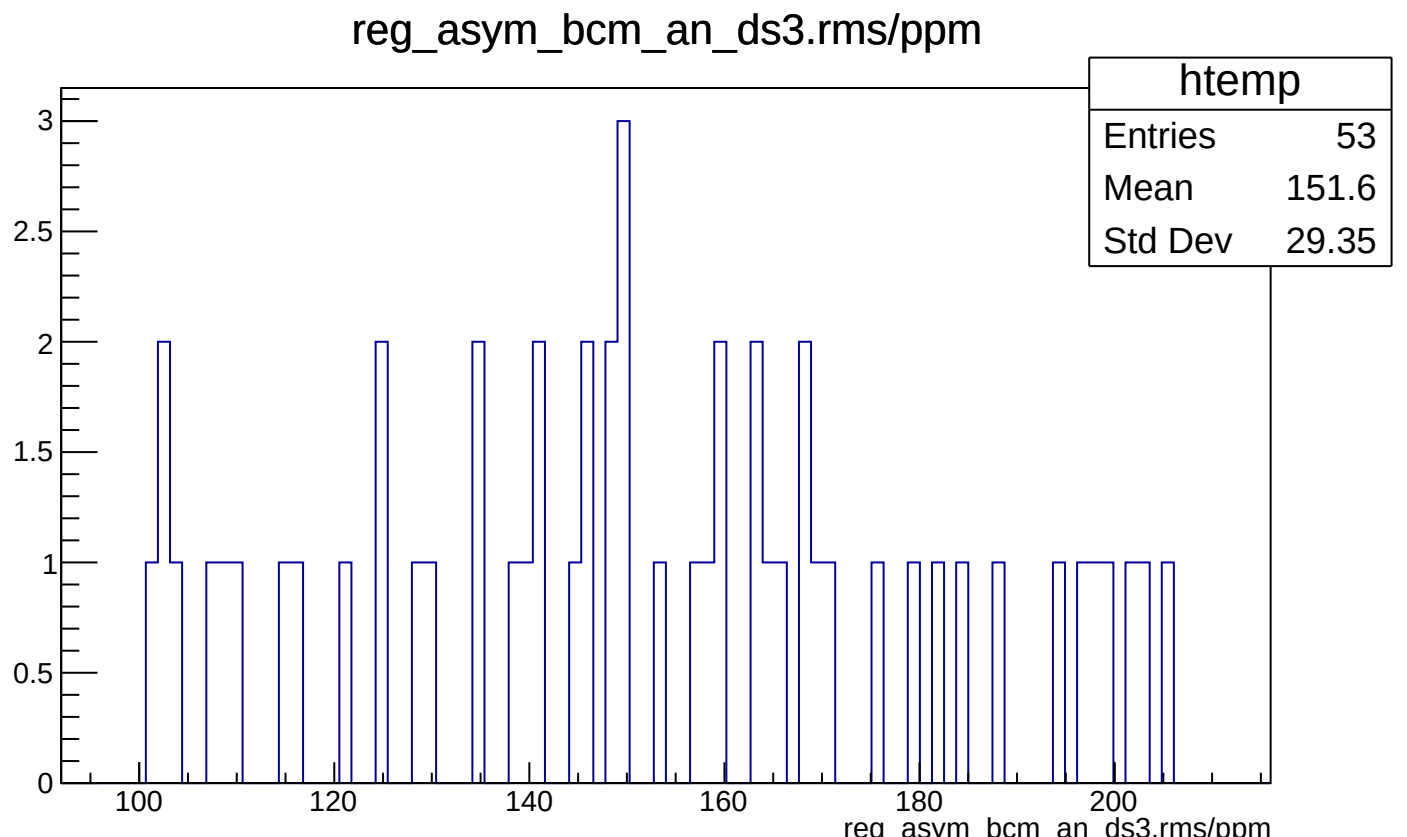

reg_asym_atr_avg.rms/ppm
480
460
440
420
400
380
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

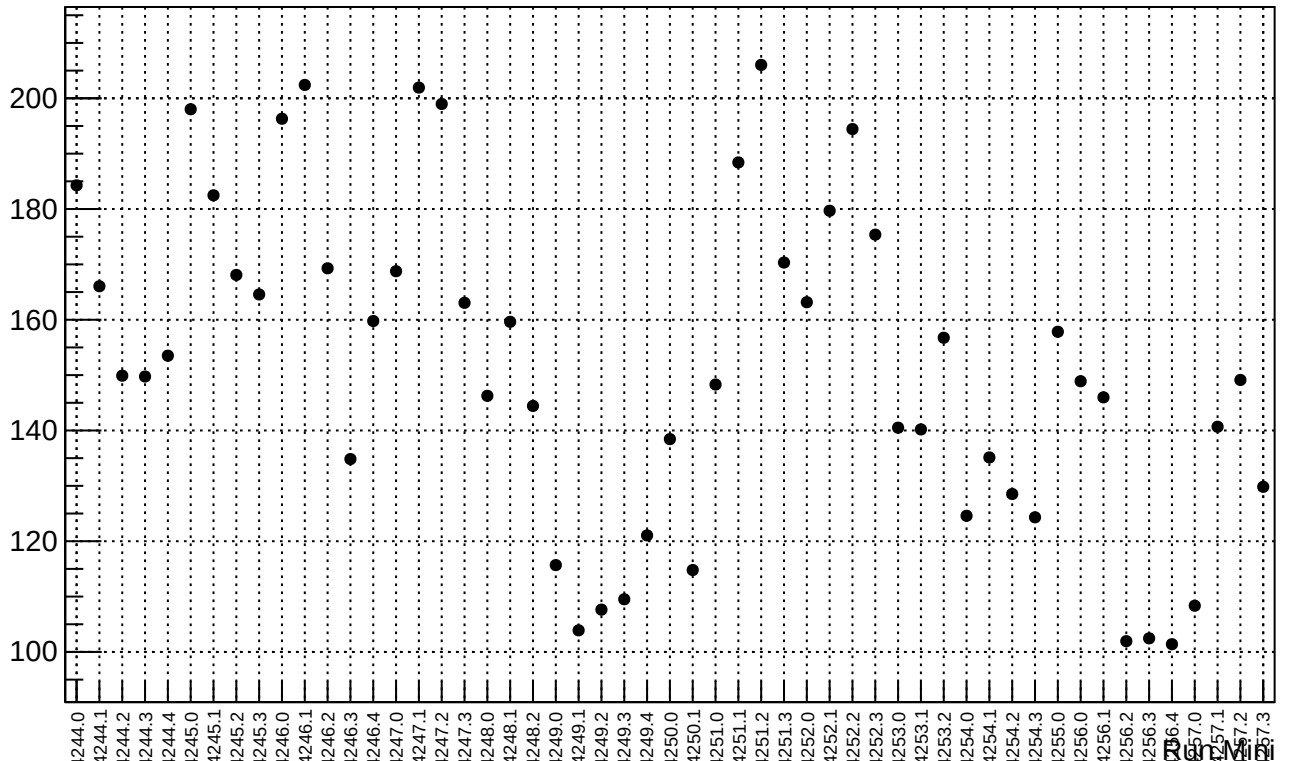

reg_asym_atr_dd.mean/ppb
χ² / ndf 58.81 / 52
p0 660.2 ± 428.1
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

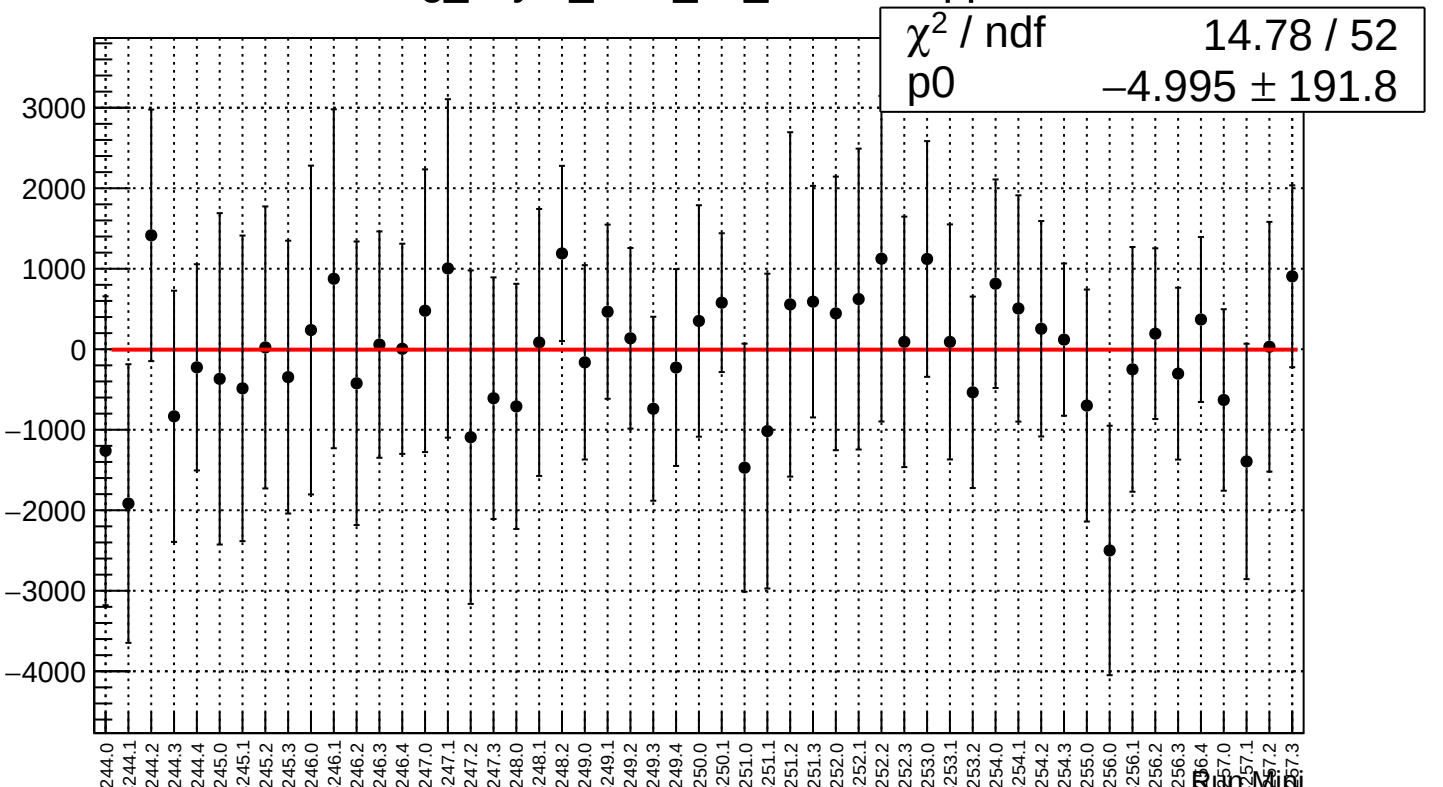

reg_asym_atr_dd.rms/ppm
htemp
Entries 53
Mean 313.9
Std Dev 5.186
0
0.5
1
1.5
2
2.5
3
3.5
4
302
304
306
308
310
312
314
316
318
320
322
324
reg_asym_atr_dd.rms/ppm

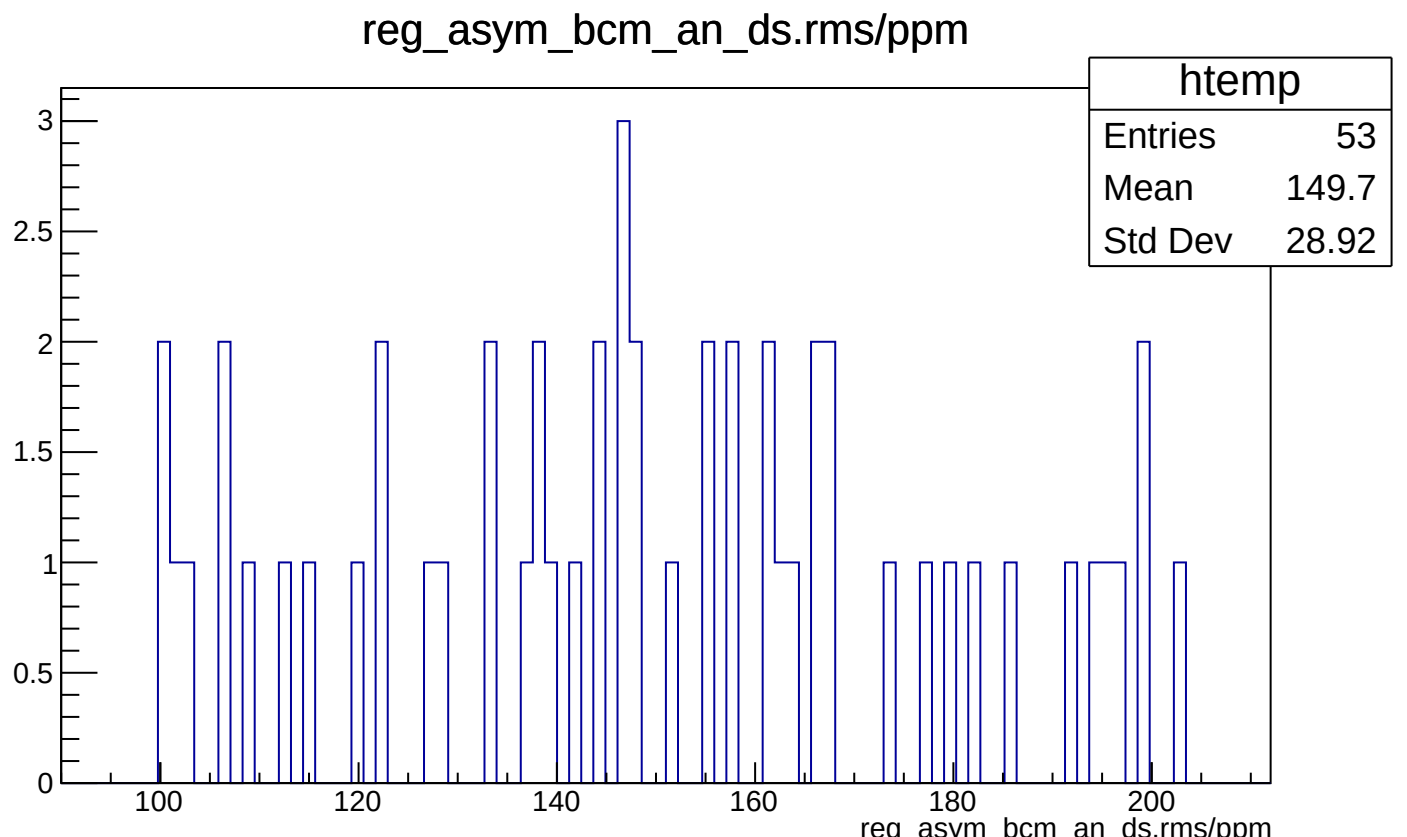

reg_asym_atr_dd.rms/ppm
324
322
320
318
316
314
312
310
308
306
304
302
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

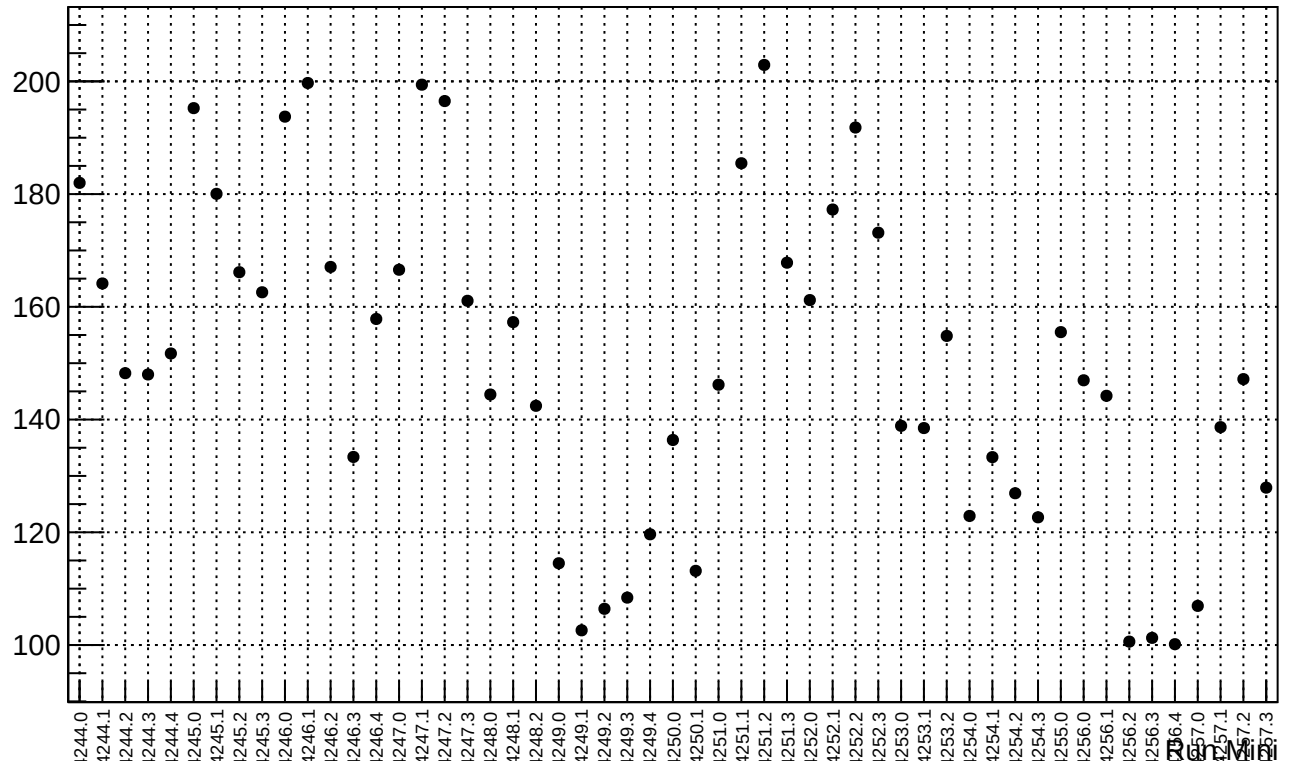

reg_asym_bcm_an_ds3.mean/ppb
χ² / ndf 14.21 / 52
p0 −17.24 ± 194.3
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

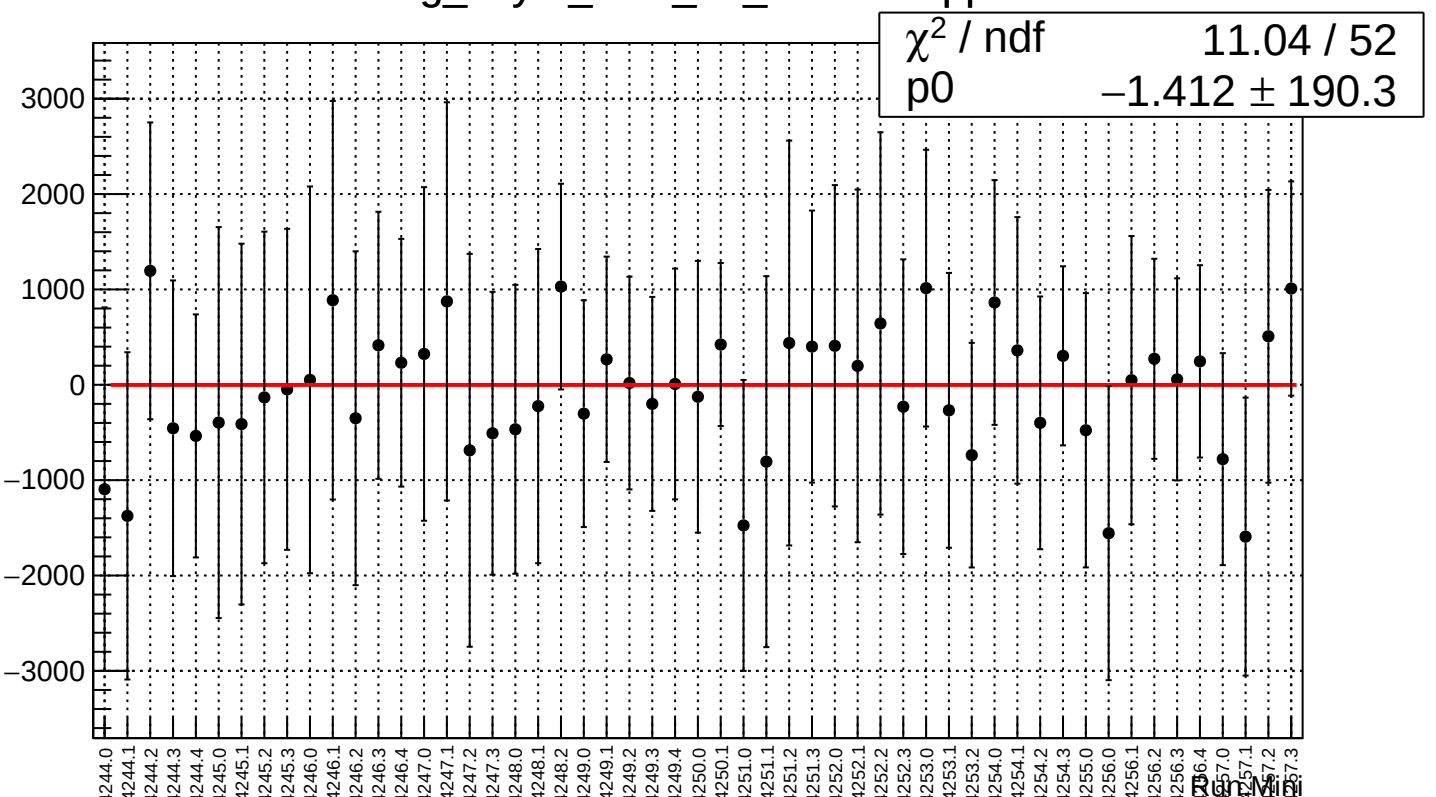

reg_asym_bcm_an_ds3.rms/ppm
htemp
Entries 53
Mean 151.6
Std Dev 29.35
3
2.5
2
1.5
1
0.5
0
100
120
140
160
180
200
reg_asym_bcm_an_ds3.rms/ppm

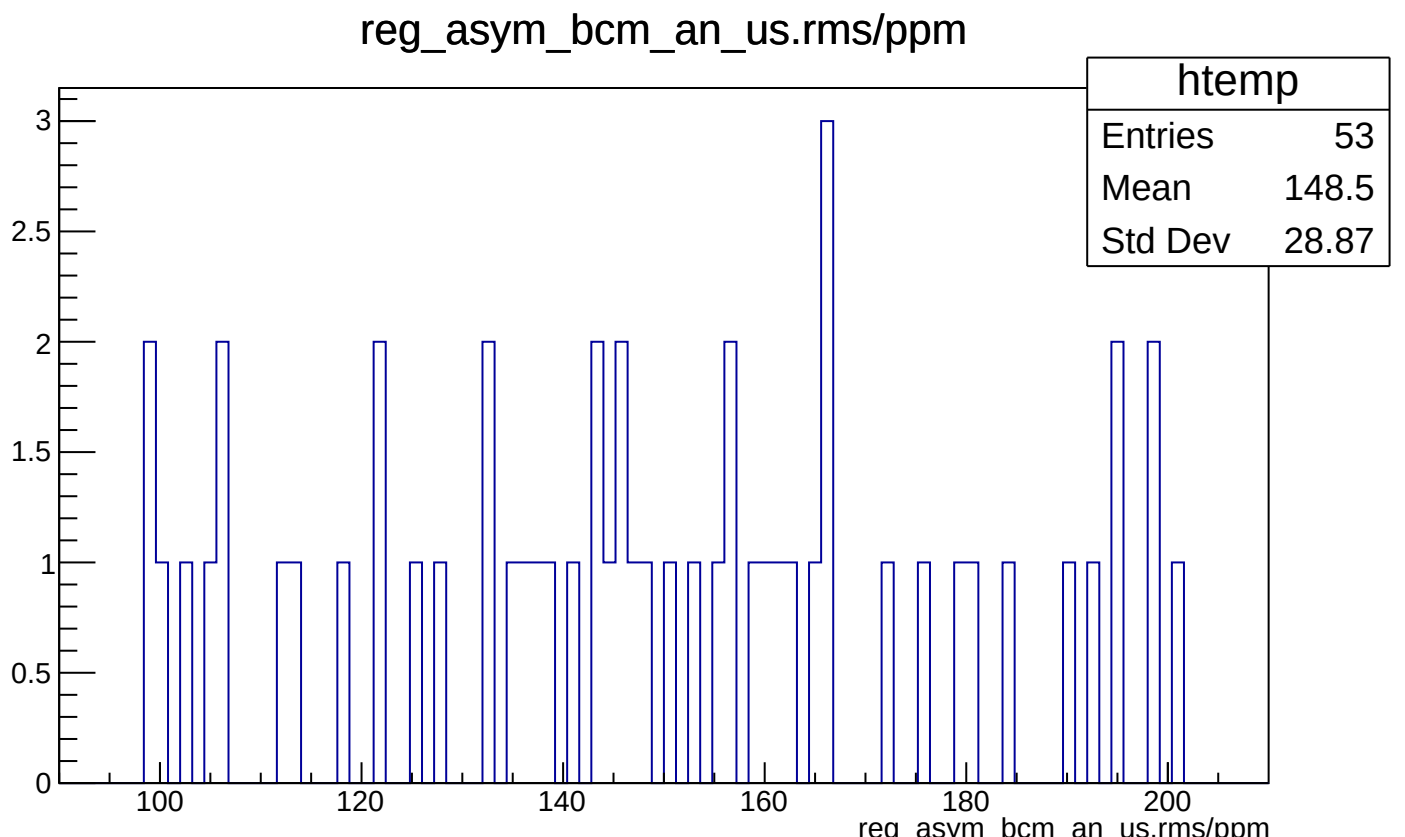

reg_asym_bcm_an_ds3.rms/ppm
200
180
160
140
120
100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

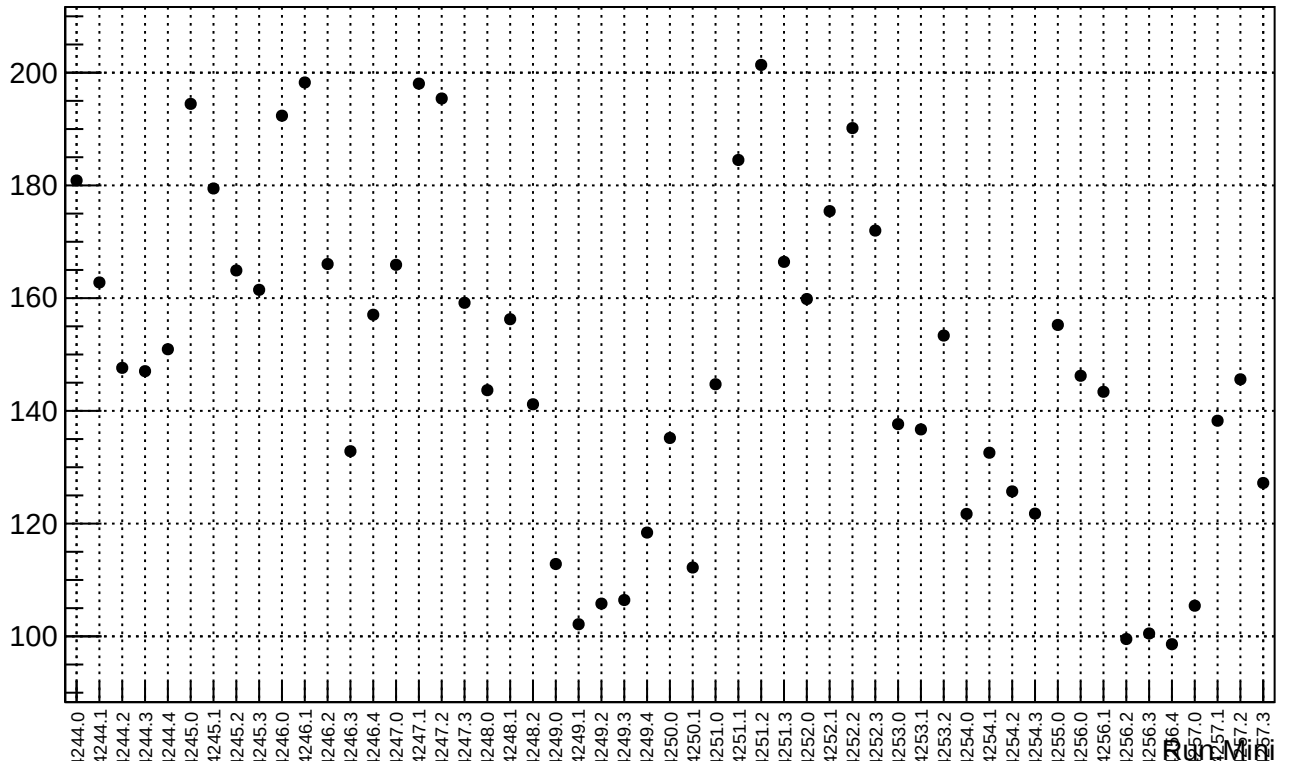

reg_asym_bcm_an_ds.mean/ppb
χ² / ndf 14.78 / 52
p0 −4.995 ± 191.8
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

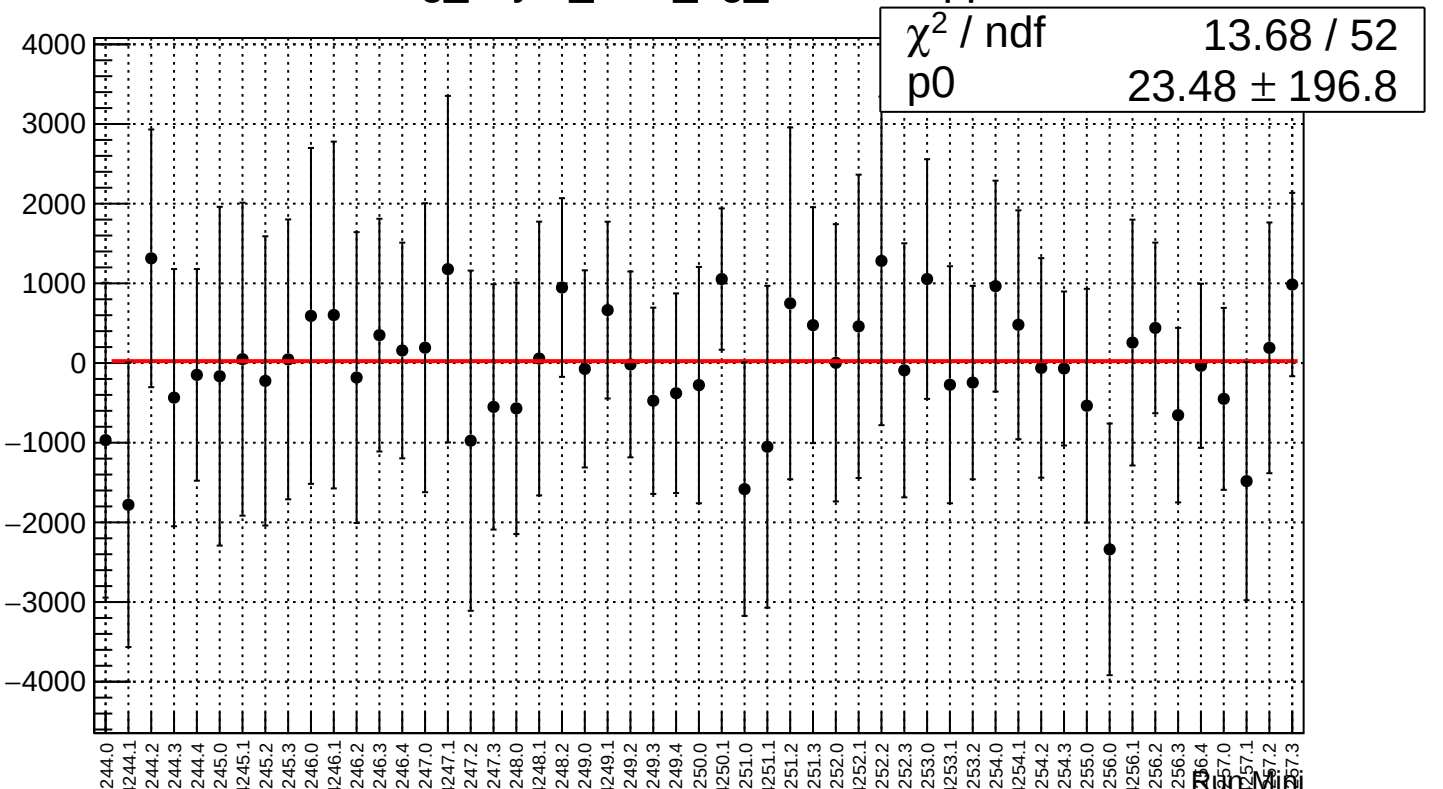

reg_asym_bcm_an_ds.rms/ppm
htemp
Entries 53
Mean 149.7
Std Dev 28.92
3
2.5
2
1.5
1
0.5
0
100
120
140
160
180
200
reg_asym_bcm_an_ds.rms/ppm

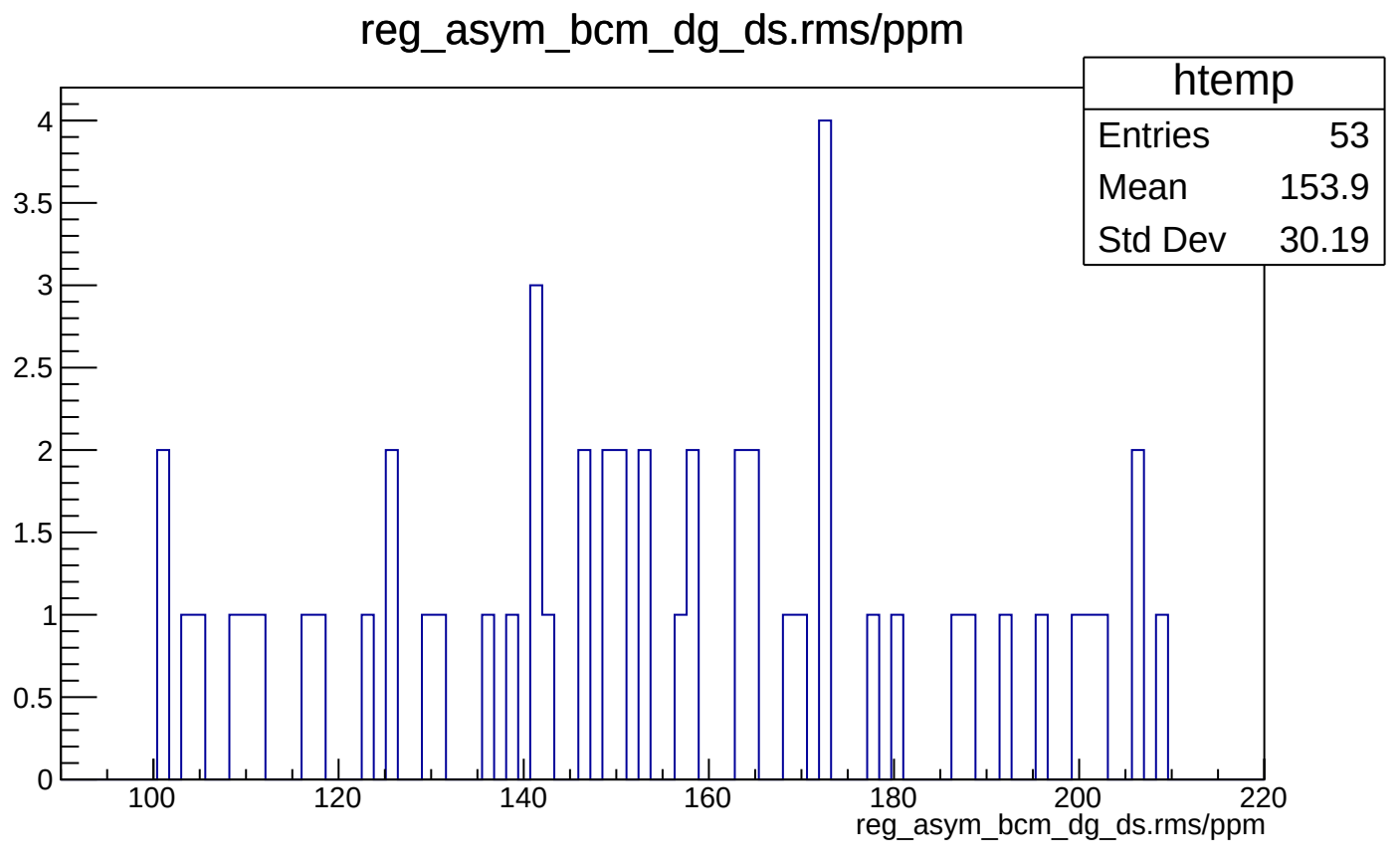

reg_asym_bcm_an_ds.rms/ppm
200
180
160
140
120
100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

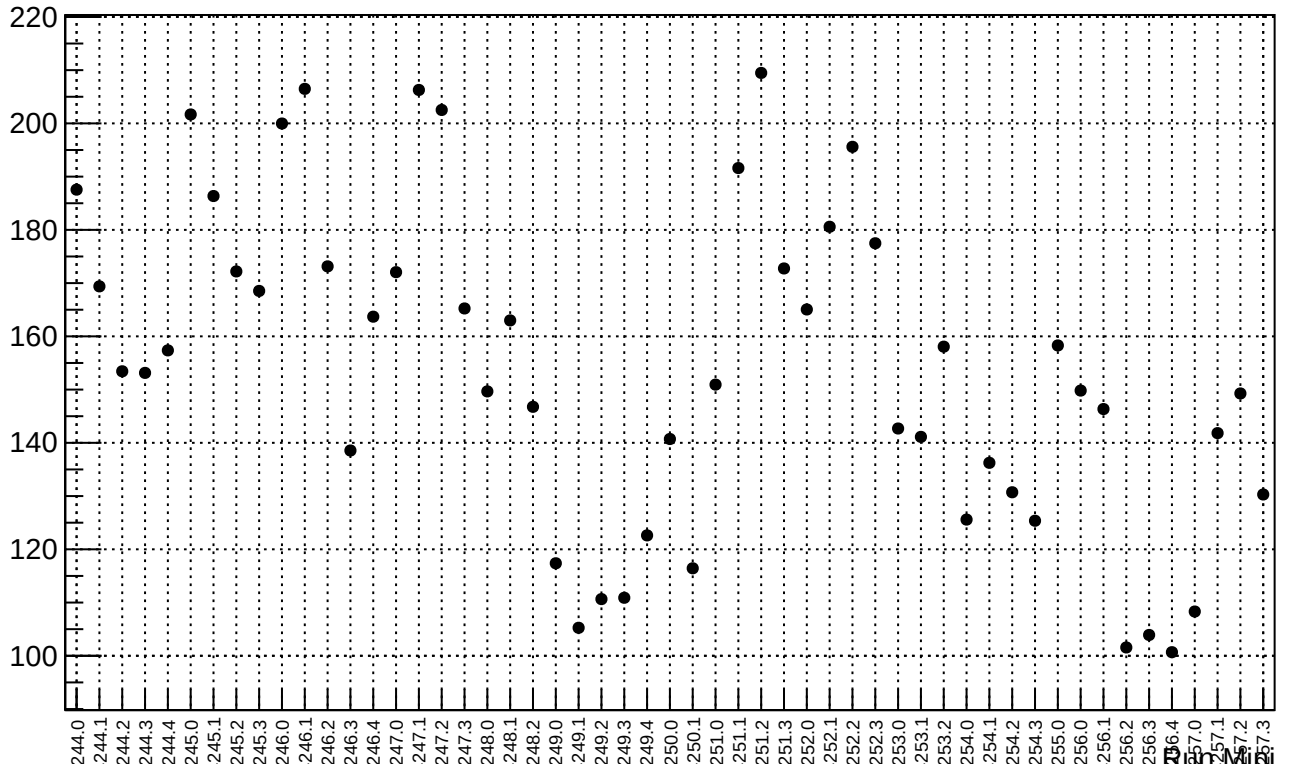

reg_asym_bcm_an_us.mean/ppb
χ² / ndf 11.04 / 52
p0 −1.412 ± 190.3
3000
2000
1000
0
−1000
−2000
−3000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

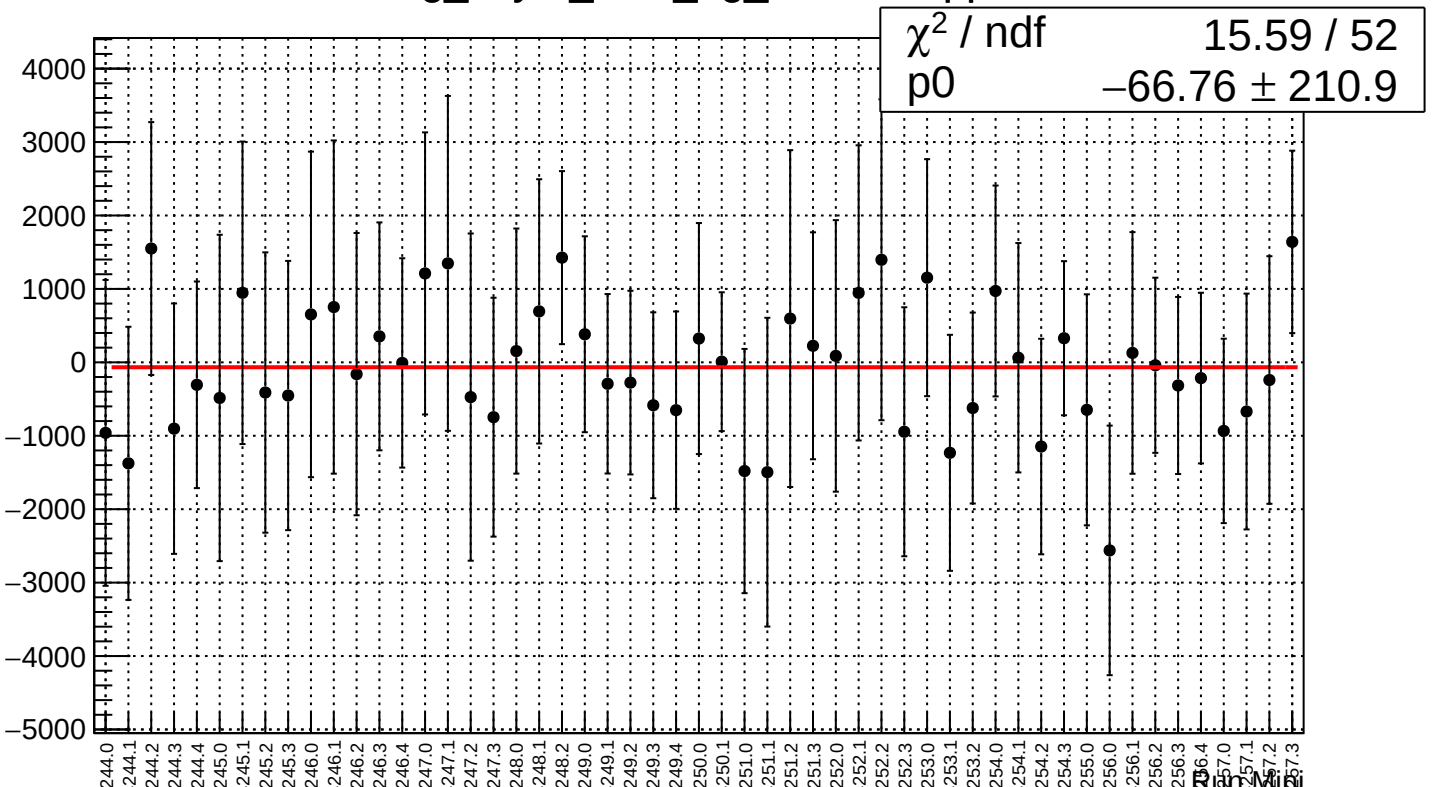

reg_asym_bcm_an_us.rms/ppm
htemp
Entries 53
Mean 148.5
Std Dev 28.87
3
2.5
2
1.5
1
0.5
0
100
120
140
160
180
200
reg_asym_bcm_an_us.rms/ppm

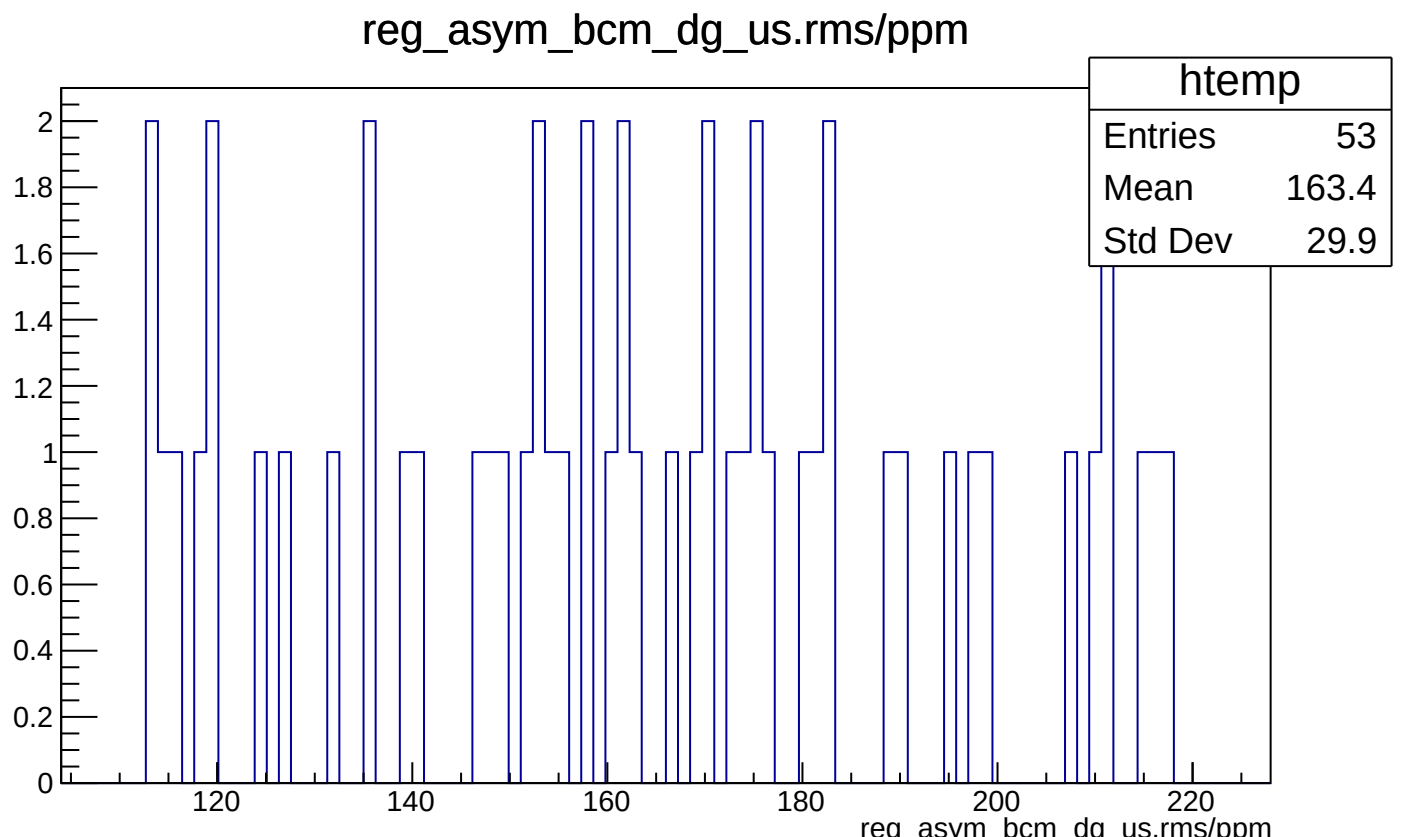

reg_asym_bcm_an_us.rms/ppm
200
180
160
140
120
100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

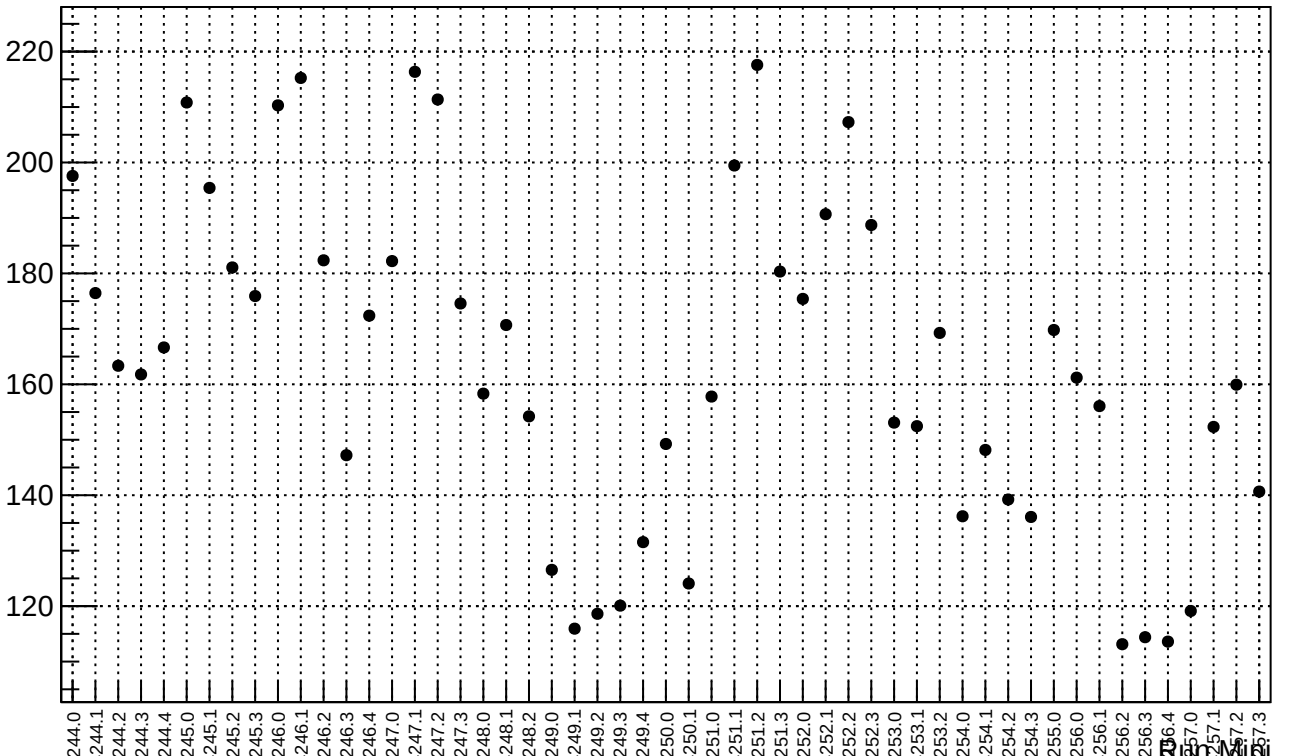

reg_asym_bcm_dg_ds.mean/ppb
χ² / ndf 13.68 / 52
p0 23.48 ± 196.8
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

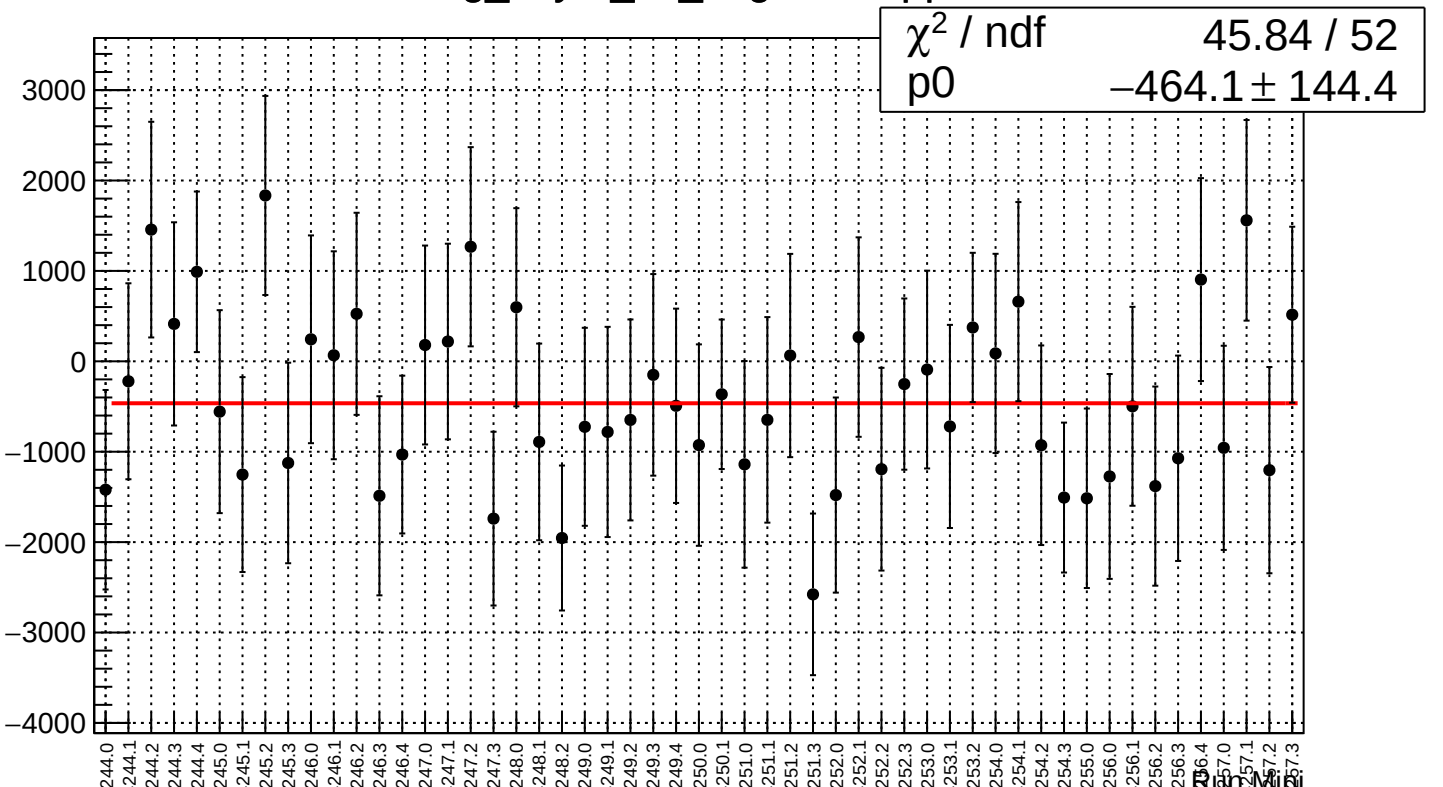

reg_asym_bcm_dg_ds.rms/ppm
htemp
Entries 53
Mean 153.9
Std Dev 30.19
0
0.5
1
1.5
2
2.5
3
3.5
4
100
120
140
160
180
200
220
reg_asym_bcm_dg_ds.rms/ppm

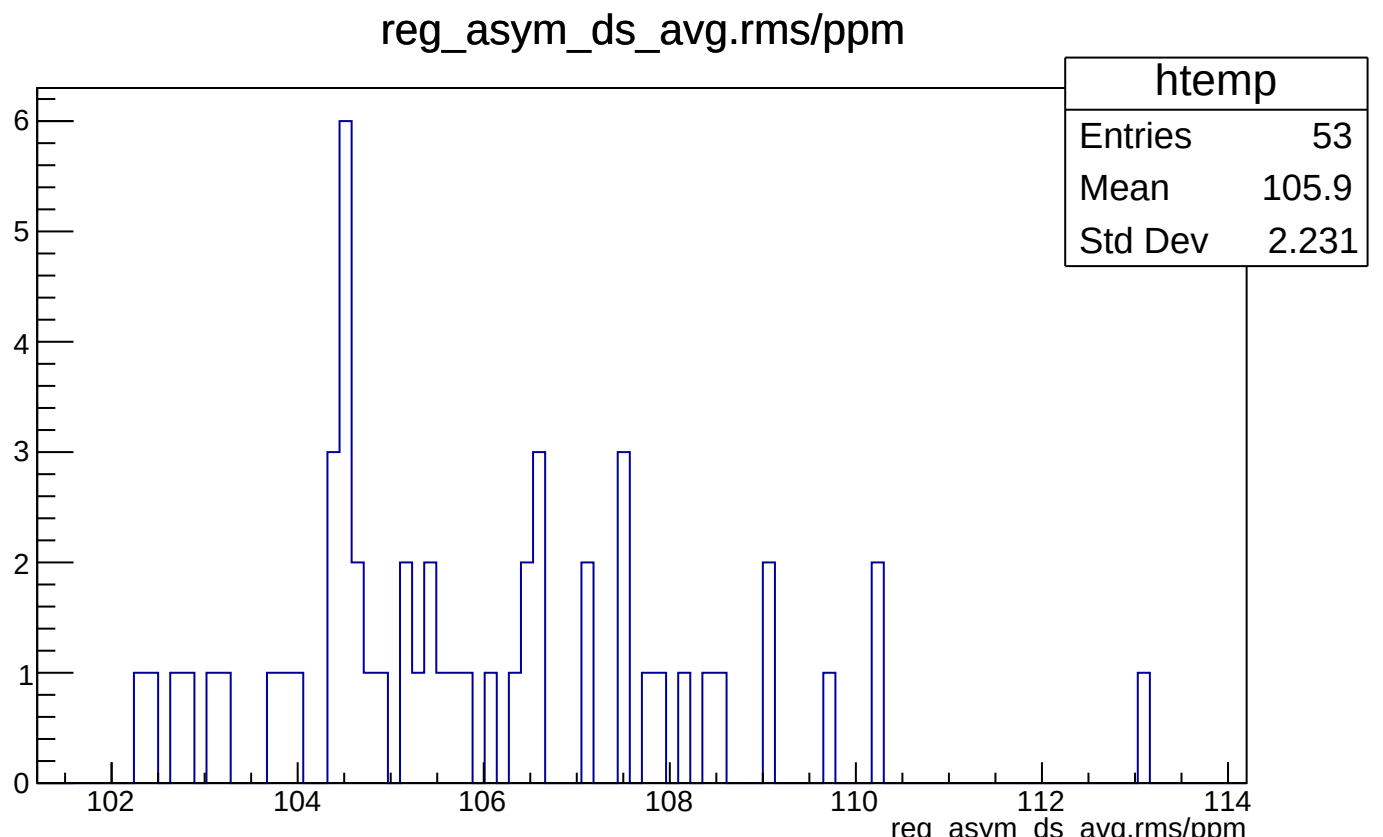

reg_asym_bcm_dg_ds.rms/ppm
220
200
180
160
140
120
100
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

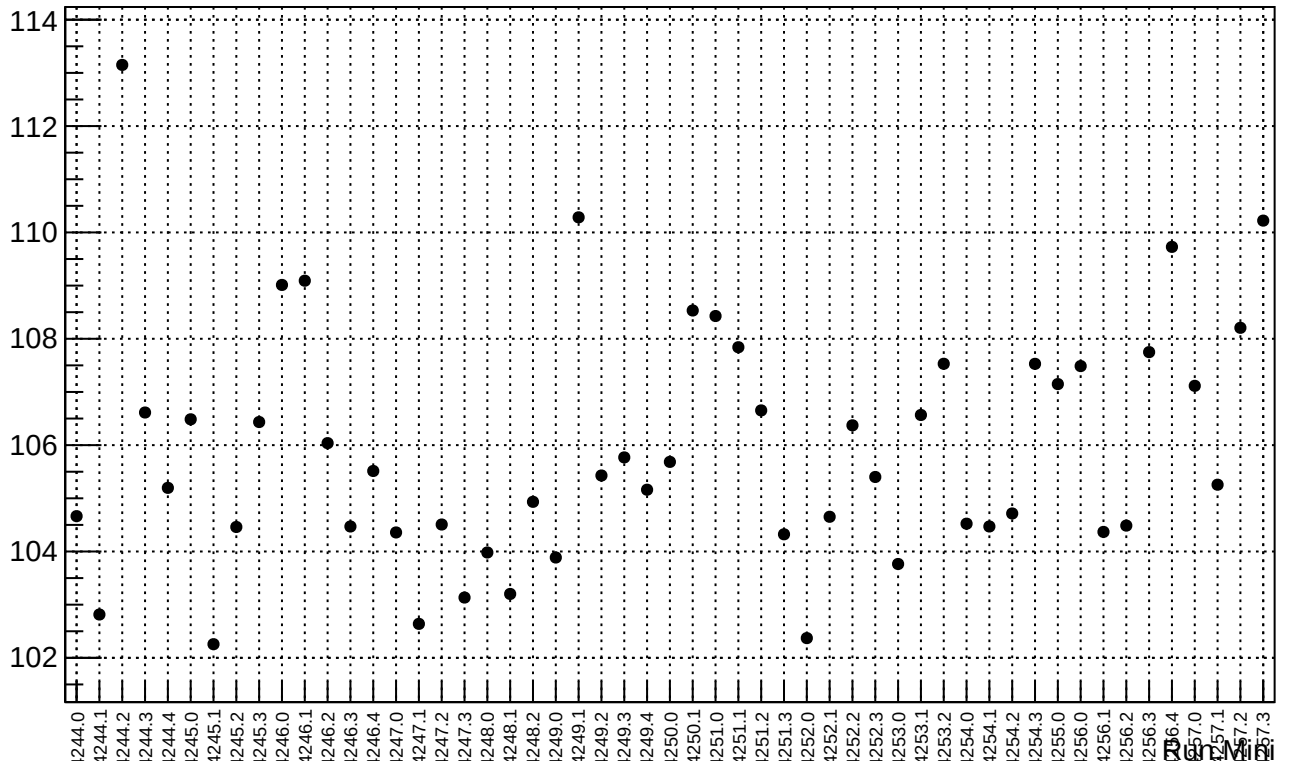

reg_asym_bcm_dg_us.mean/ppb
χ² / ndf 15.59 / 52
p0 −66.76 ± 210.9
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

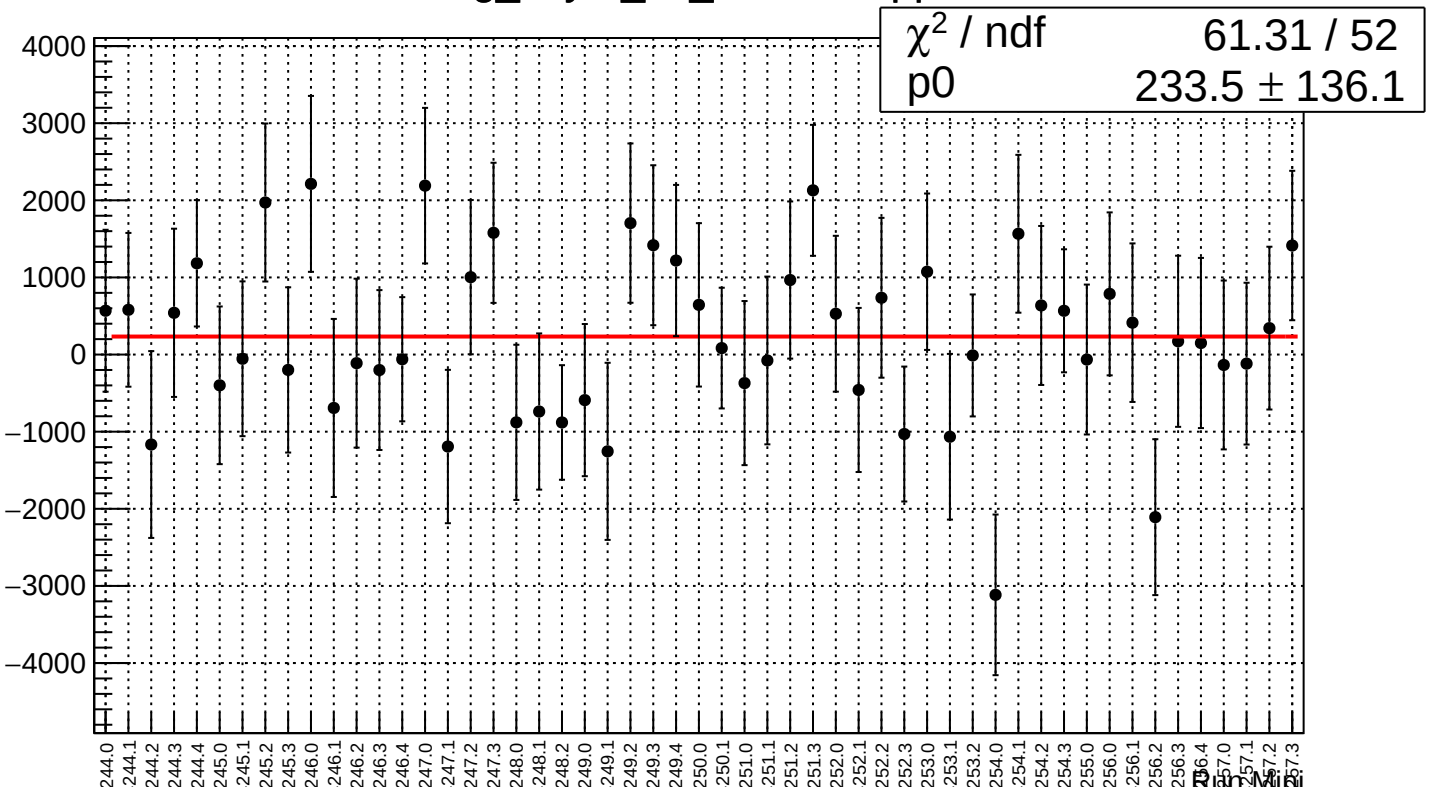

reg_asym_bcm_dg_us.rms/ppm
htemp
Entries 53
Mean 163.4
Std Dev 29.9
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
120
140
160
180
200
220
reg_asym_bcm_dg_us.rms/ppm

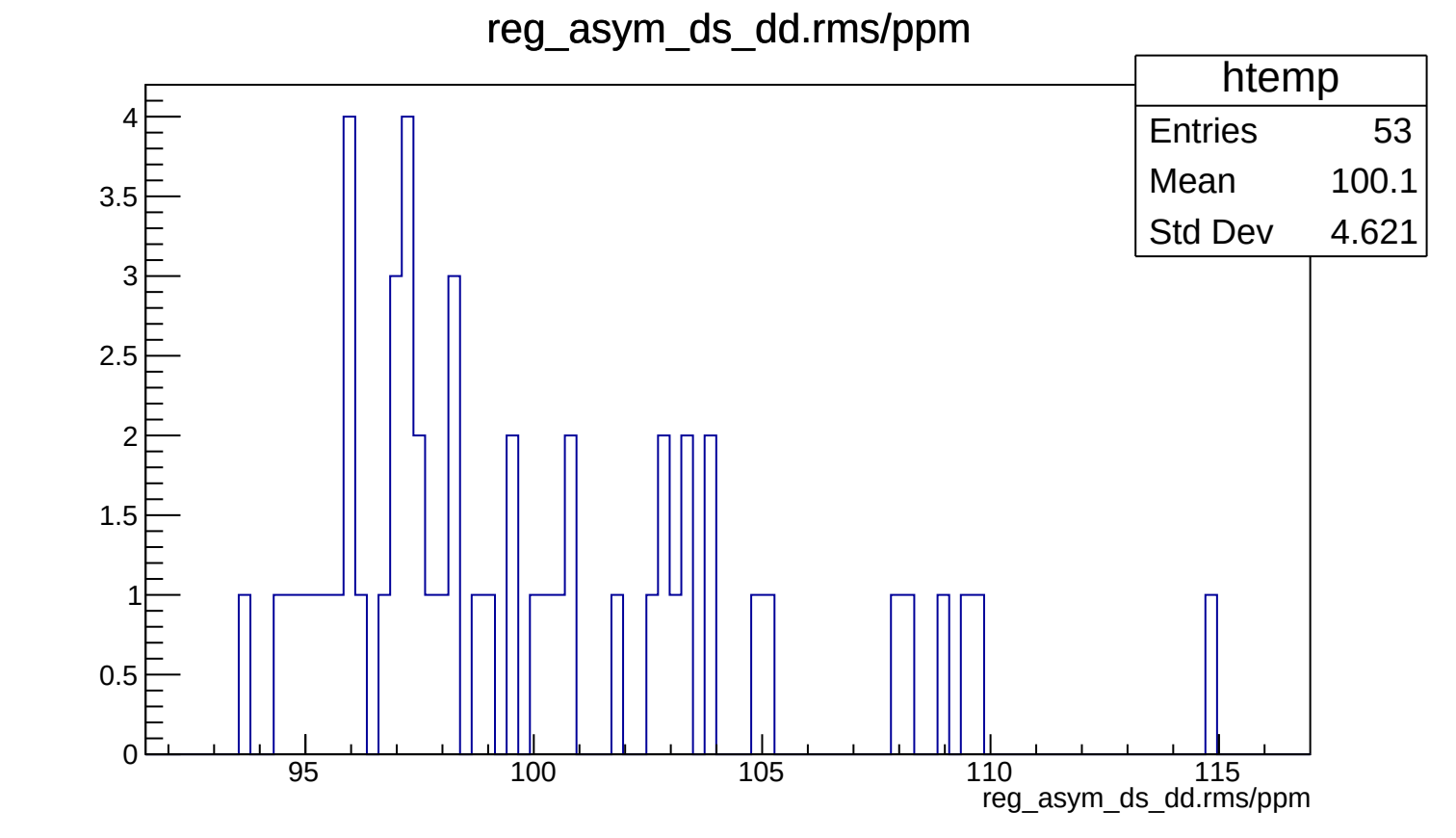

reg_asym_bcm_dg_us.rms/ppm
220
200
180
160
140
120
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

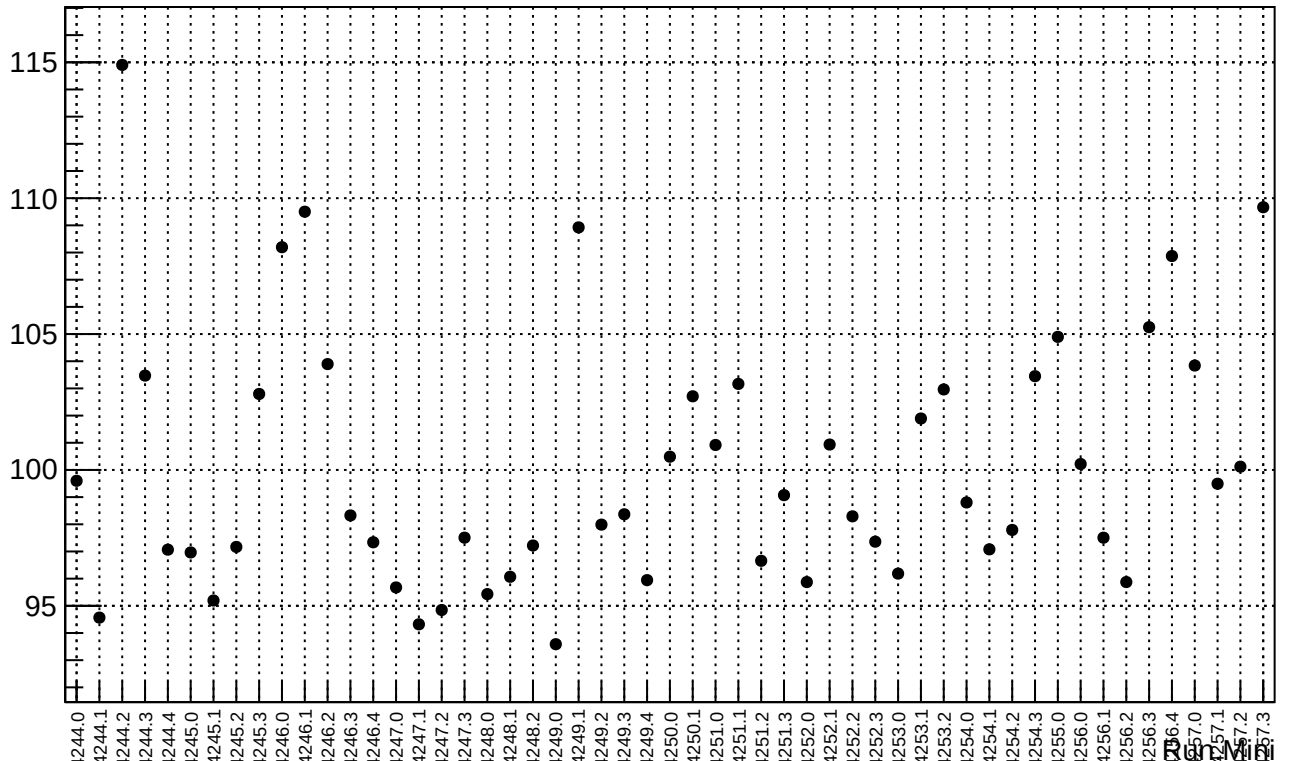

reg_asym_ds_avg.mean/ppb
χ² / ndf 45.84 / 52
p0 −464.1 ± 144.4
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

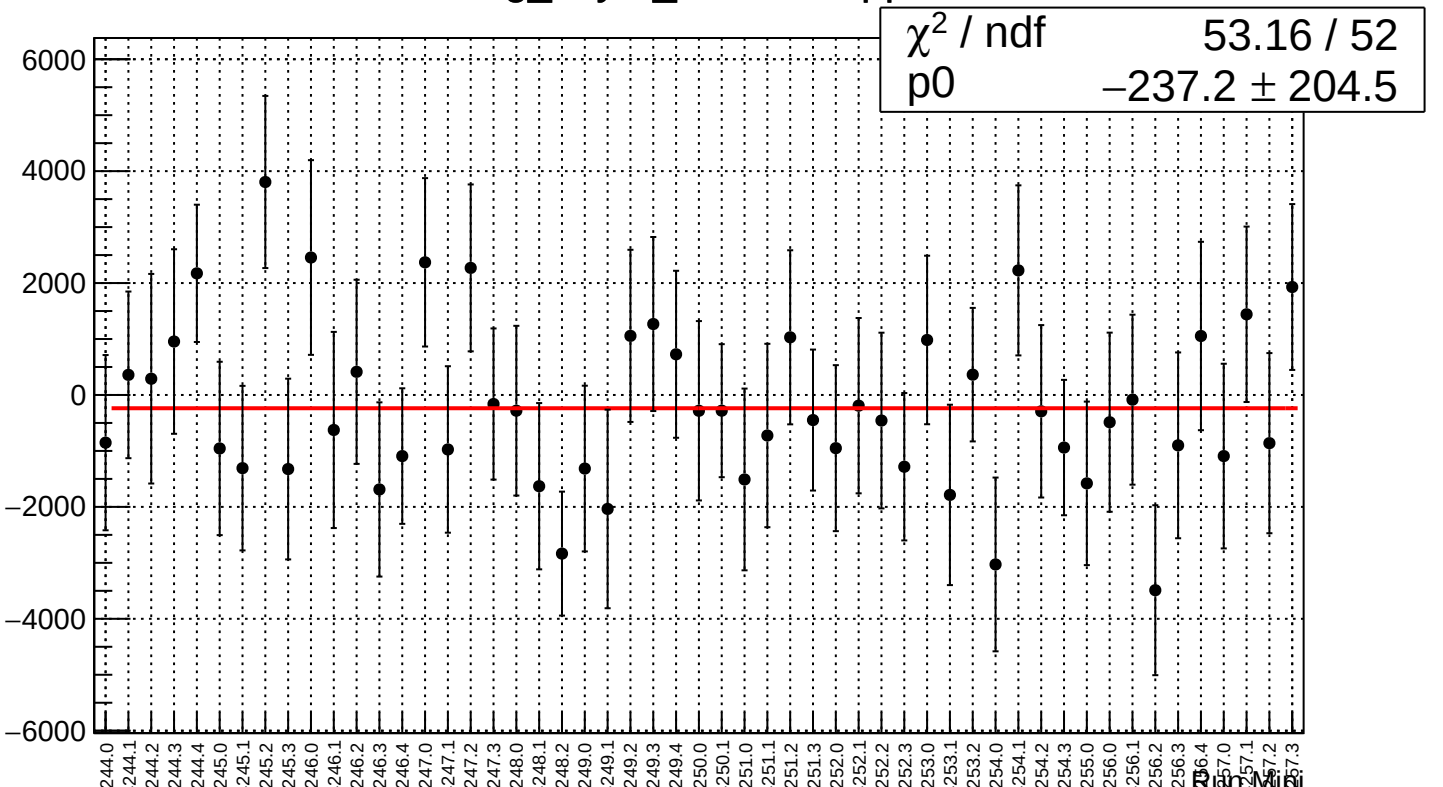

reg_asym_ds_avg.rms/ppm
htemp
Entries 53
Mean 105.9
Std Dev 2.231
0
1
2
3
4
5
6
102
104
106
108
110
112
114
reg_asym_ds_avg.rms/ppm

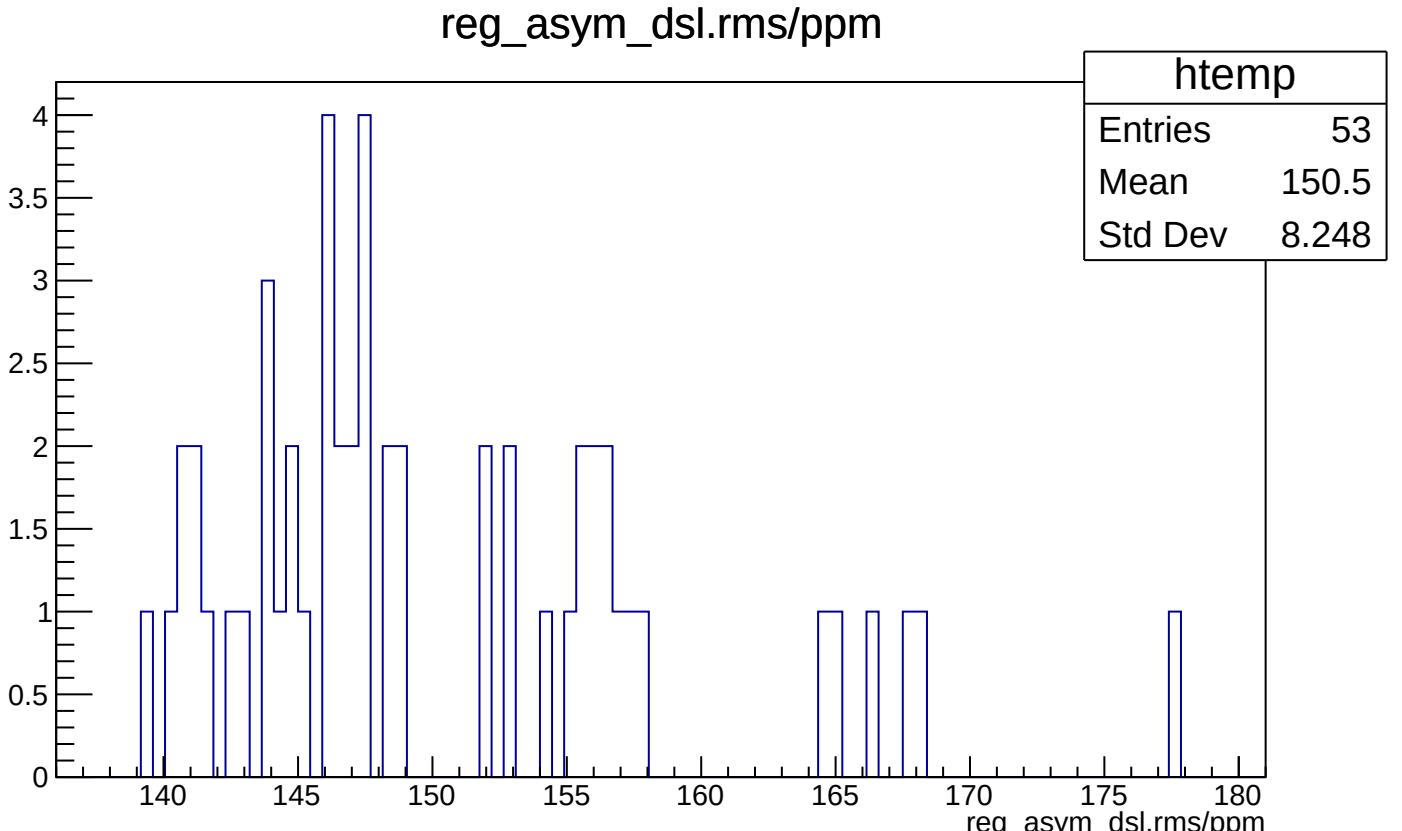

reg_asym_ds_avg.rms/ppm
114
112
110
108
106
104
102
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

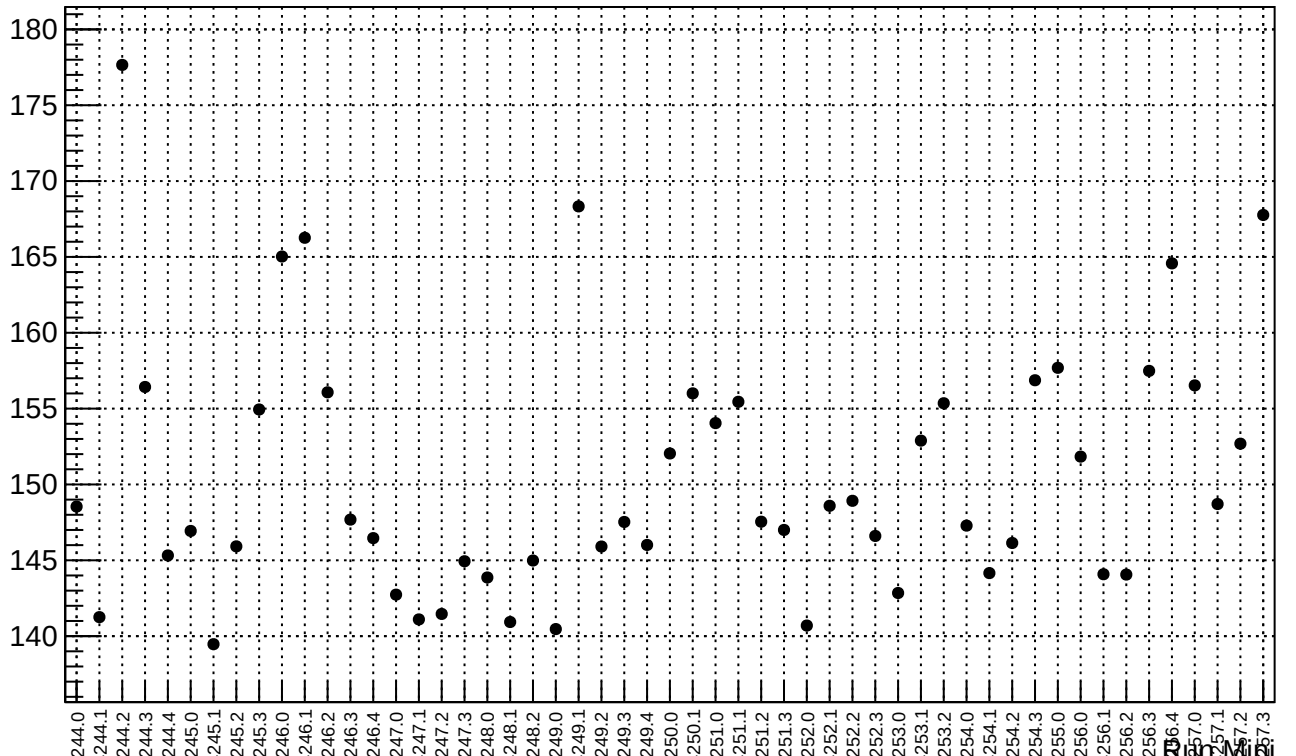

reg_asym_ds_dd.mean/ppb
χ² / ndf 61.31 / 52
p0 233.5 ± 136.1
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

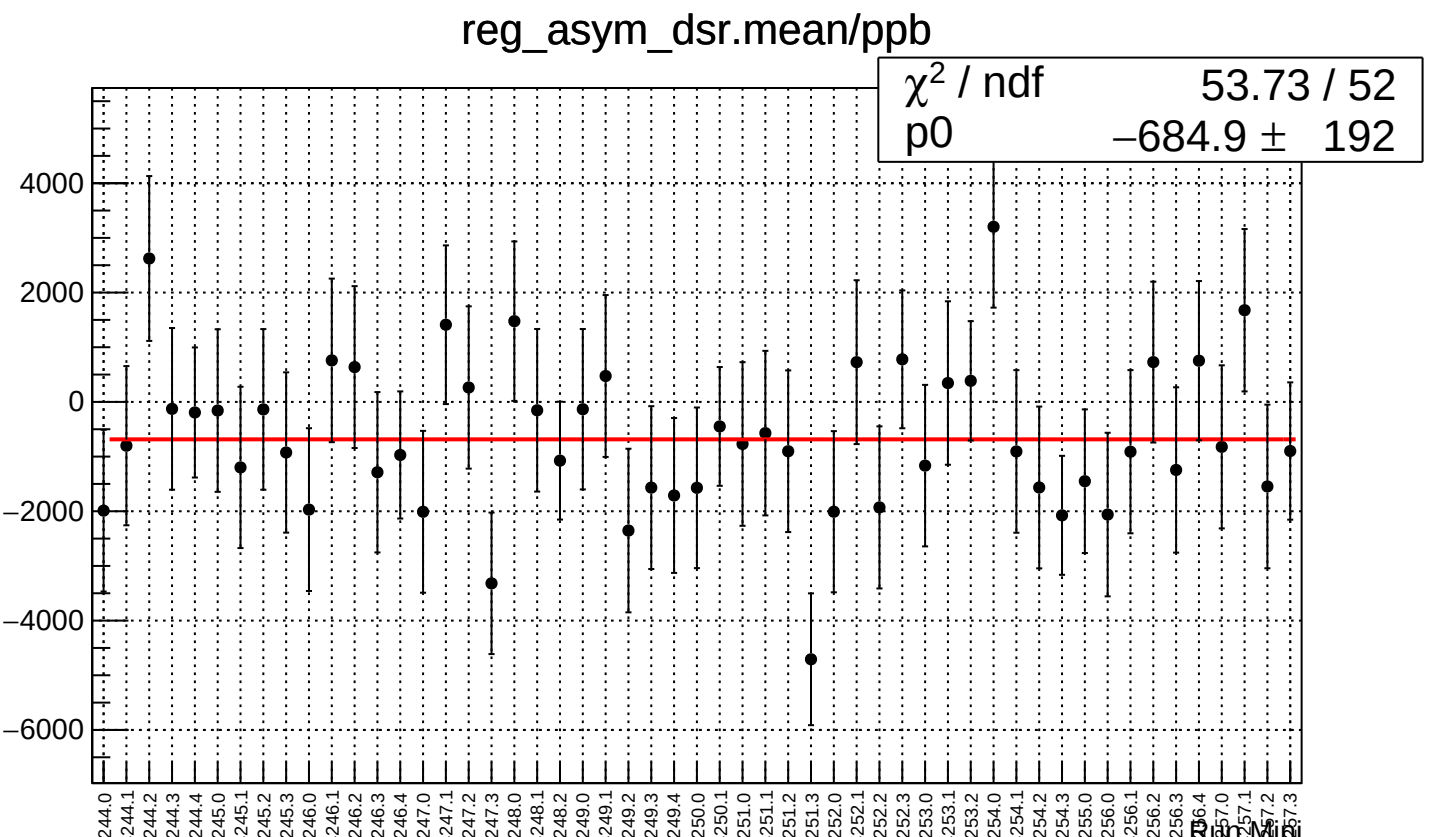

reg_asym_ds_dd.rms/ppm
htemp
Entries 53
Mean 100.1
Std Dev 4.621
4
3.5
3
2.5
2
1.5
1
0.5
0
95
100
105
110
115
reg_asym_ds_dd.rms/ppm

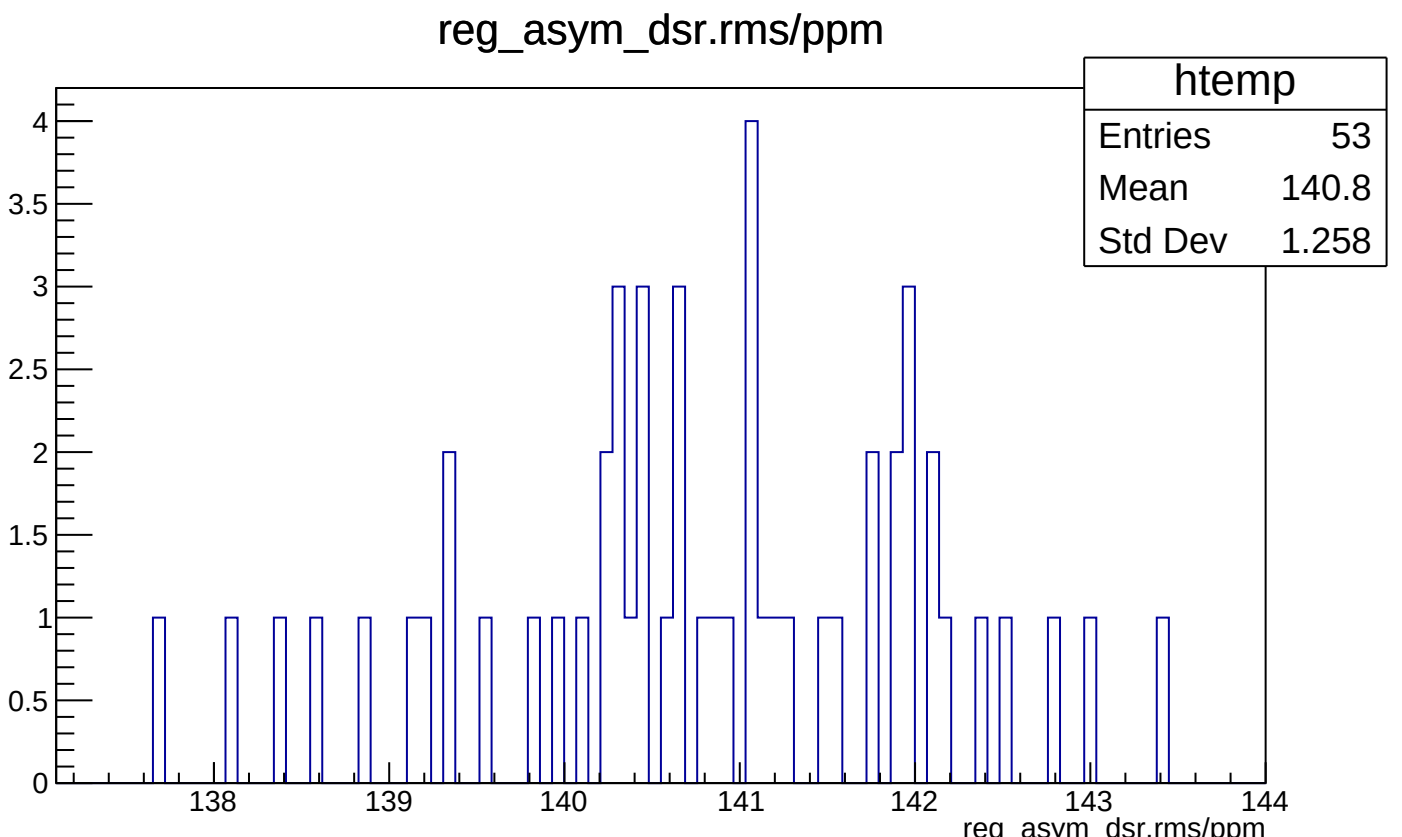

reg_asym_ds_dd.rms/ppm
115
110
105
100
95
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

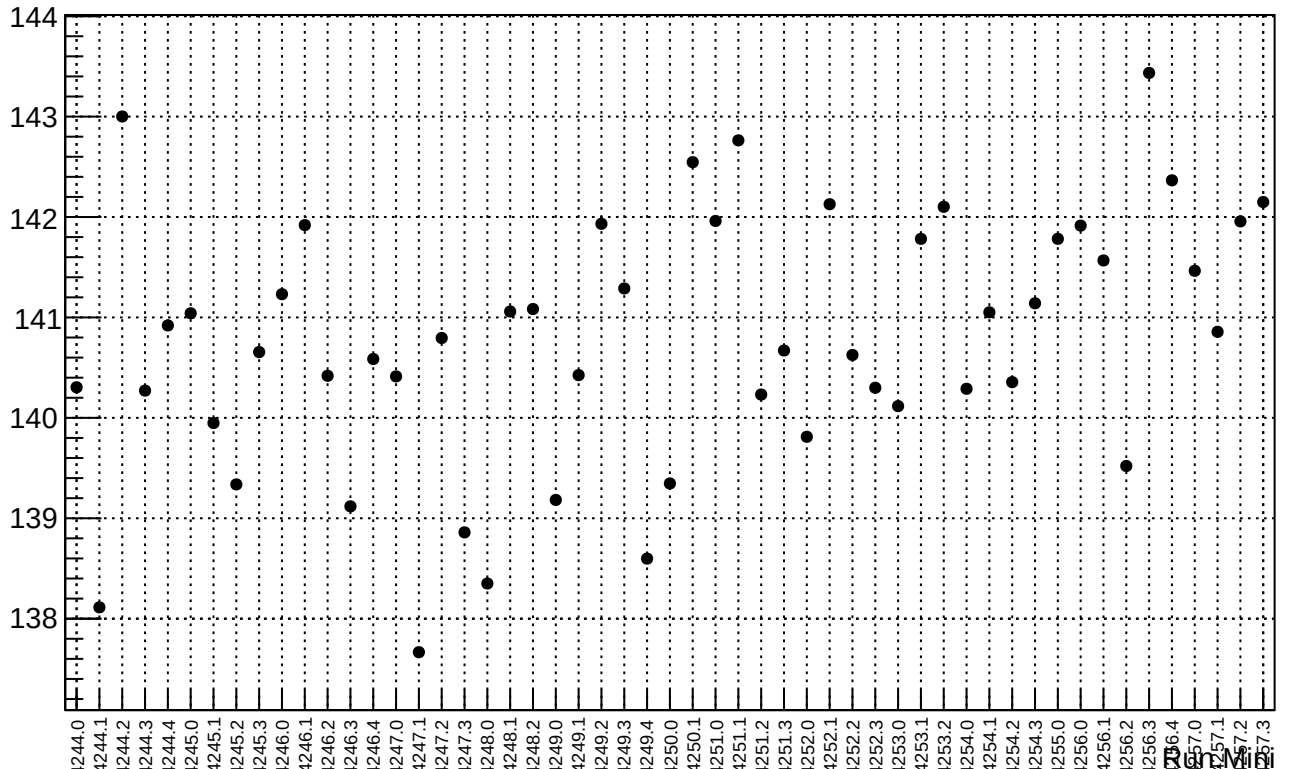

reg_asym_dsl.mean/ppb
χ² / ndf 53.16 / 52
p0 −237.2 ± 204.5
6000
4000
2000
0
−2000
−4000
−6000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

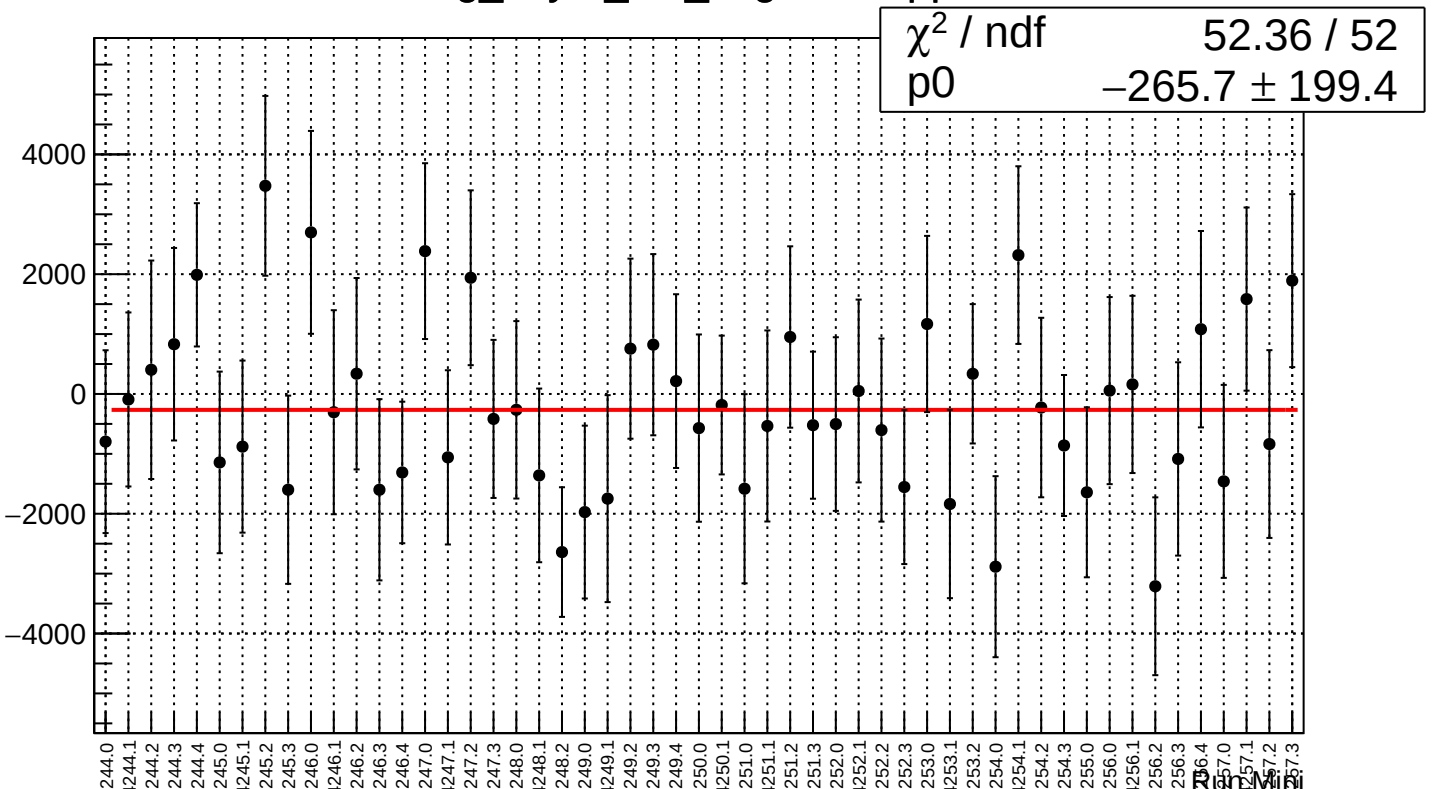

reg_asym_dsl.rms/ppm
htemp
Entries 53
Mean 150.5
Std Dev 8.248
0
0.5
1
1.5
2
2.5
3
3.5
4
140
145
150
155
160
165
170
175
180
reg_asym_dsl.rms/ppm

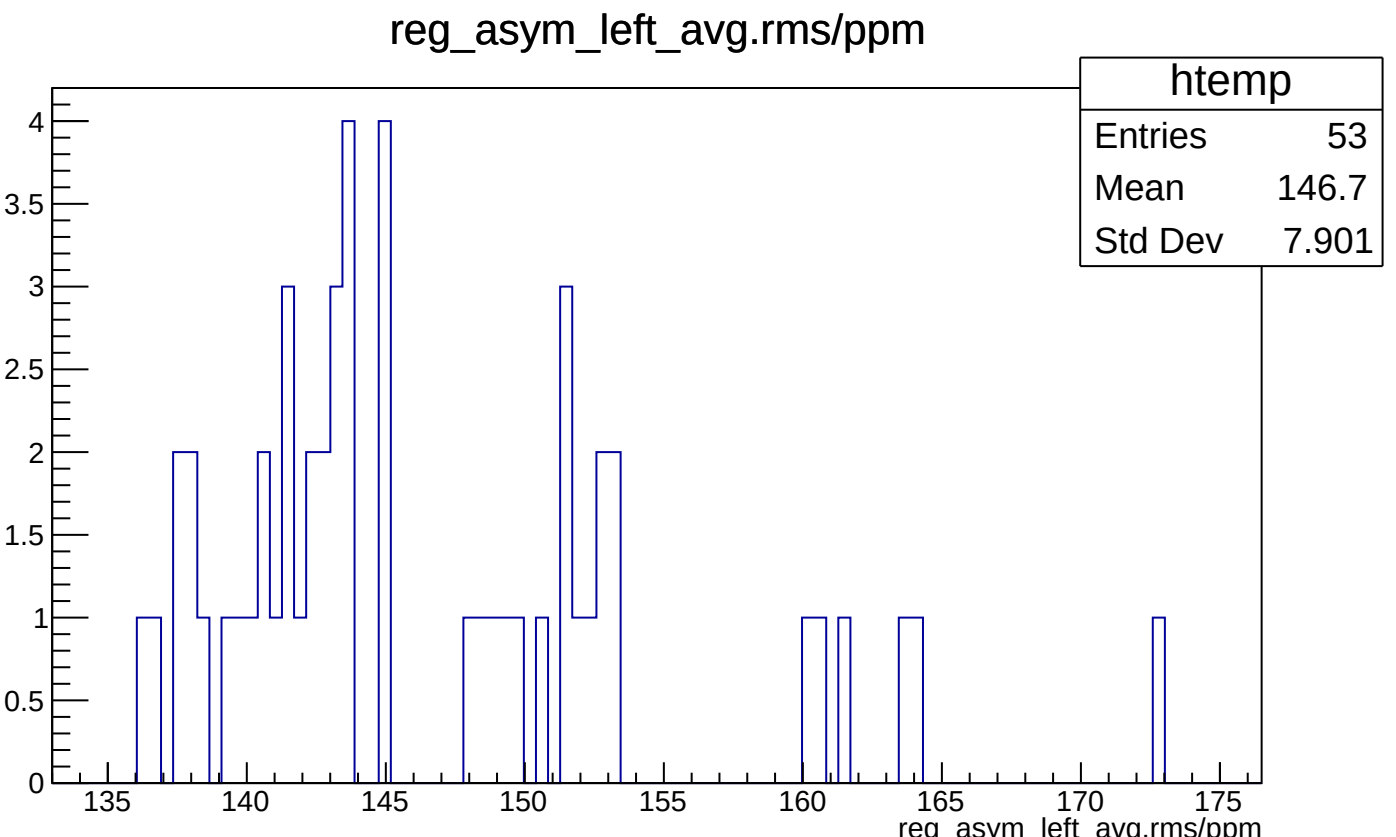

reg_asym_dsl.rms/ppm
180
175
170
165
160
155
150
145
140
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

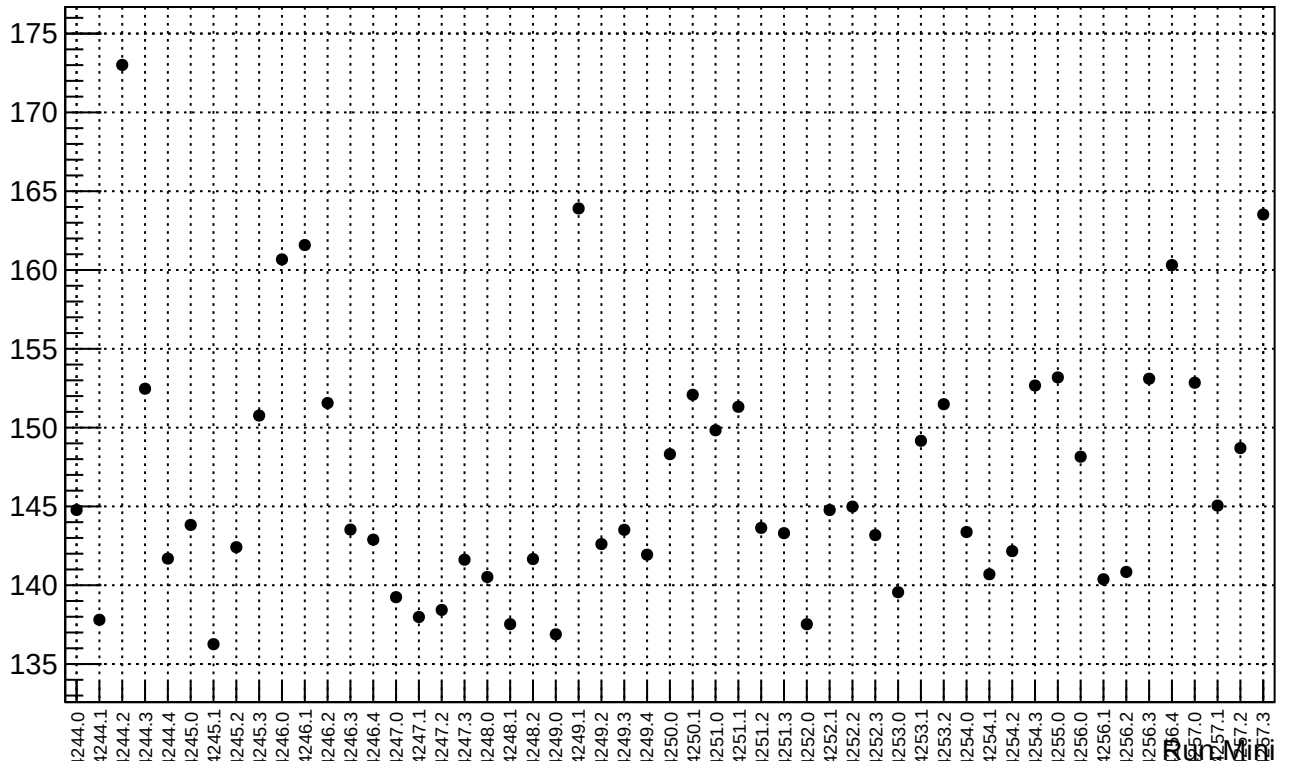

reg_asym_dsr.mean/ppb
χ² / ndf 53.73 / 52
p0 –684.9 ± 192
4000
2000
0
–2000
–4000
–6000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

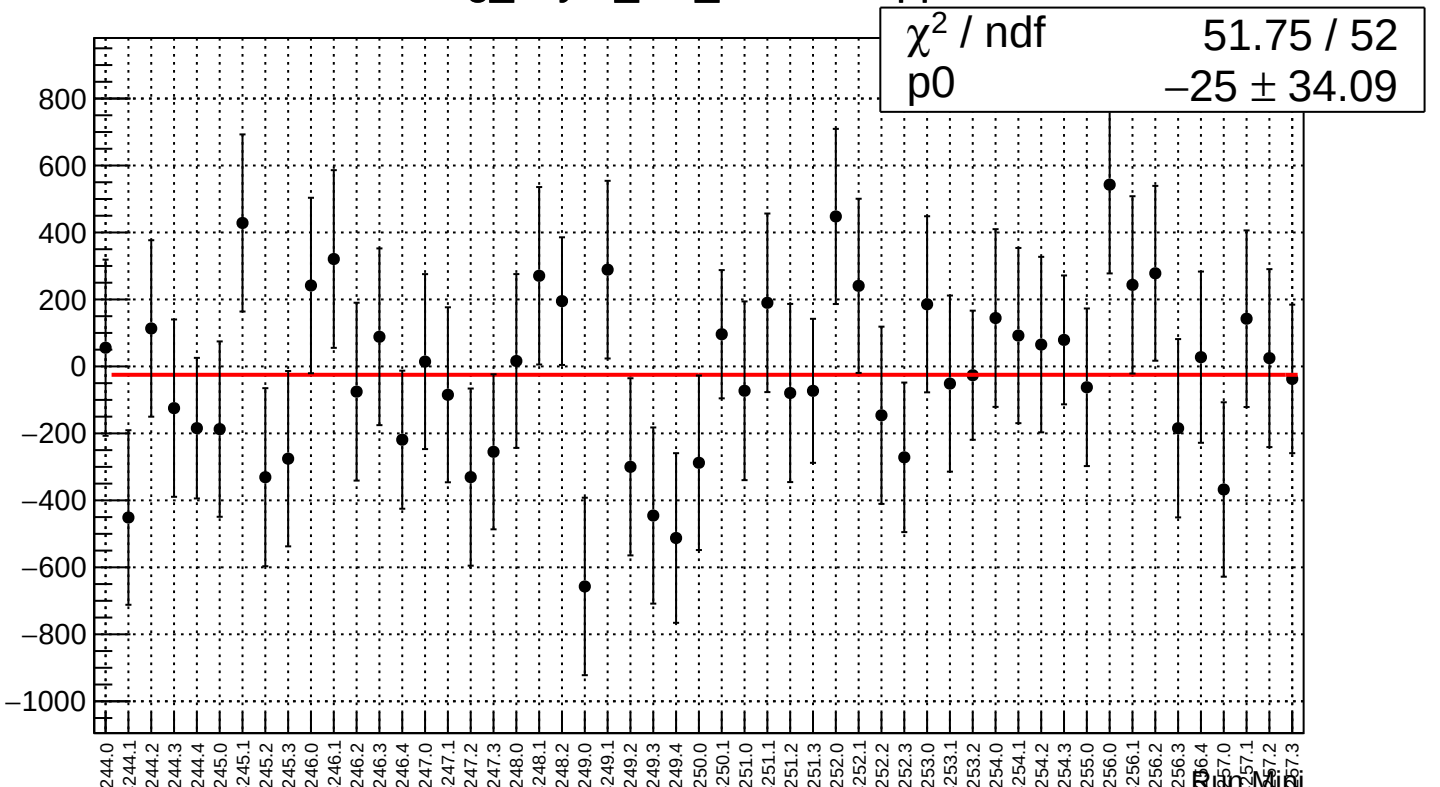

reg_asym_dsr.rms/ppm
htemp
Entries 53
Mean 140.8
Std Dev 1.258
4
3.5
3
2.5
2
1.5
1
0.5
0
138
139
140
141
142
143
144
reg_asym_dsr.rms/ppm

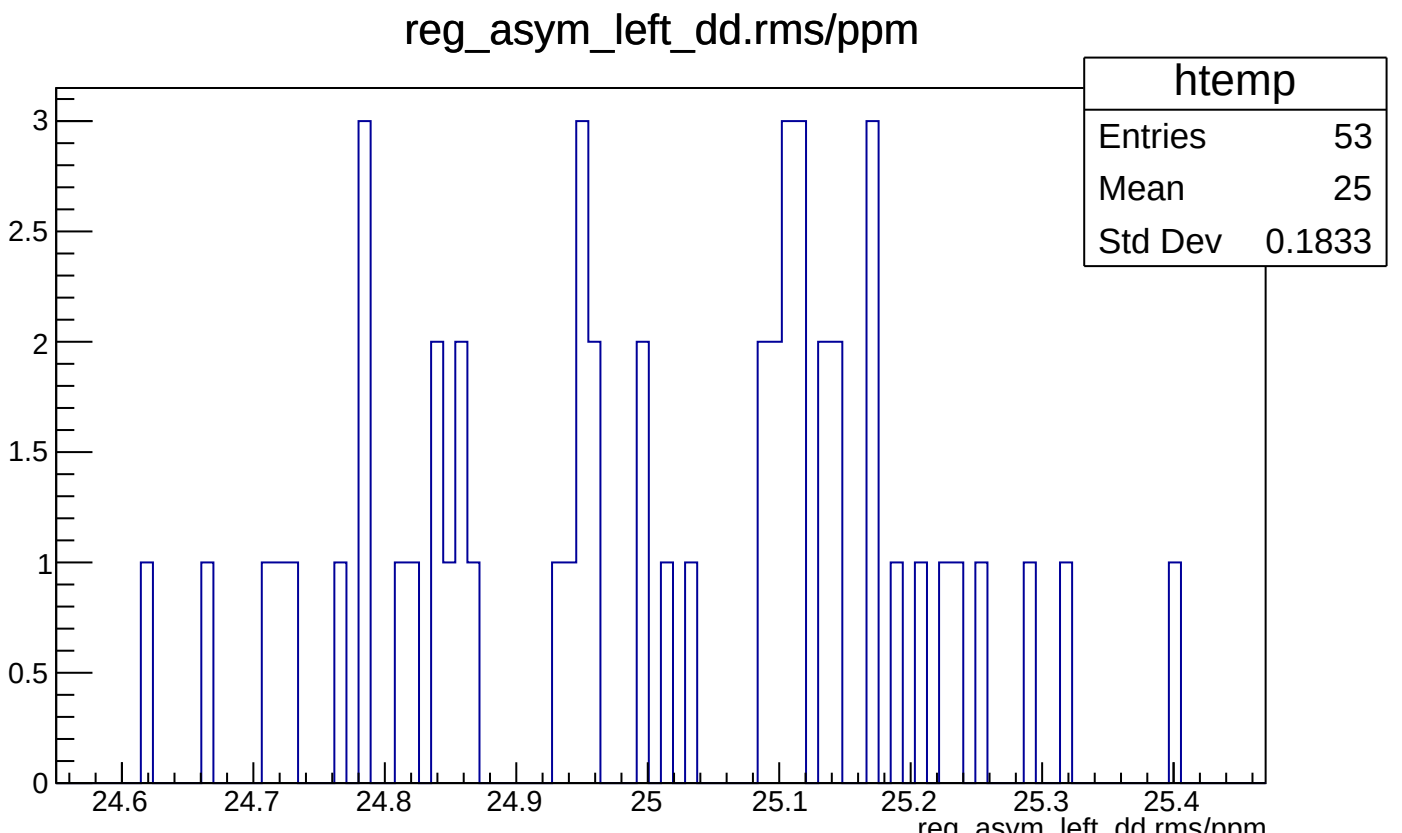

reg_asym_dsr.rms/ppm
144
143
142
141
140
139
138
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

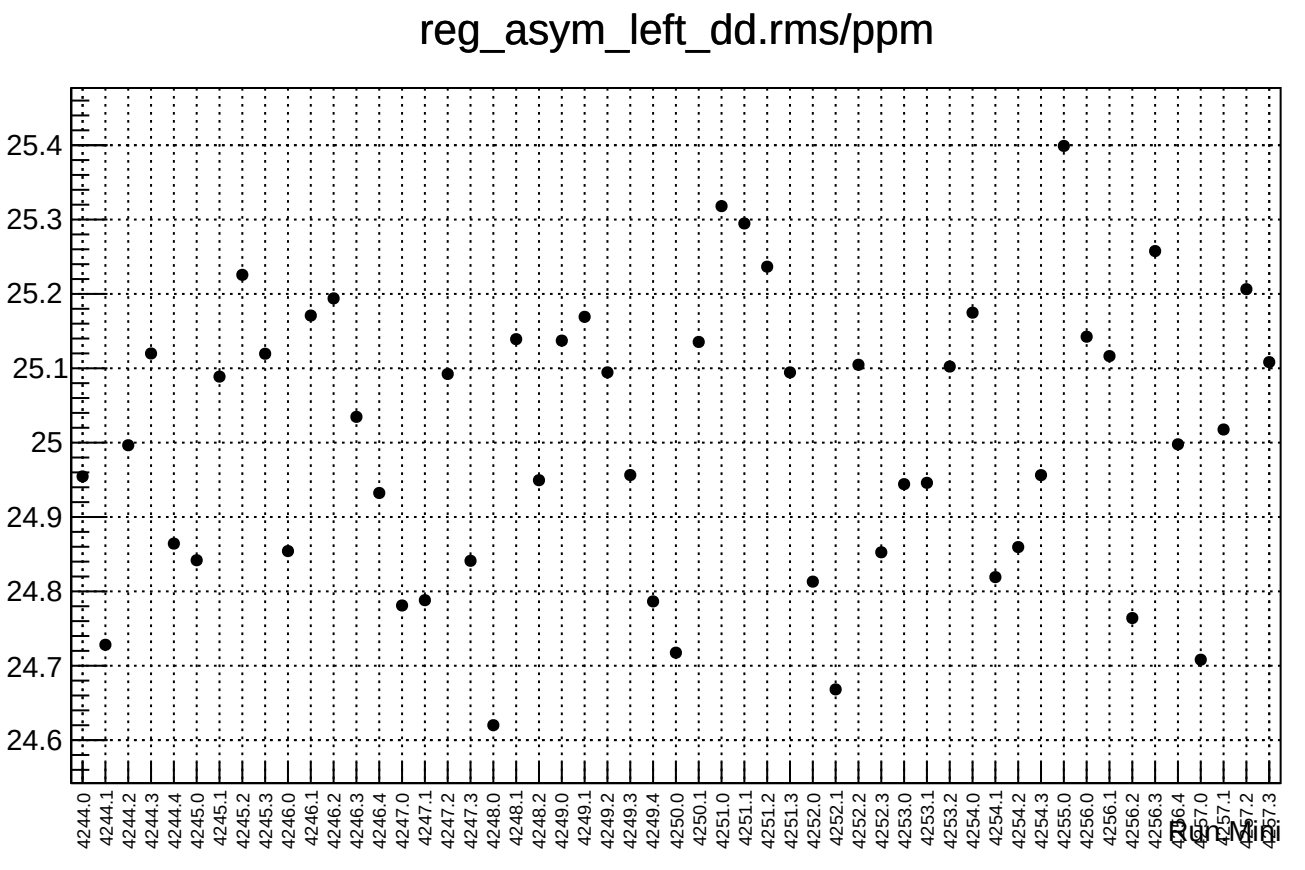

reg_asym_left_avg.mean/ppb
χ² / ndf 52.36 / 52
p0 −265.7 ± 199.4
4000
2000
0
−2000
−4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

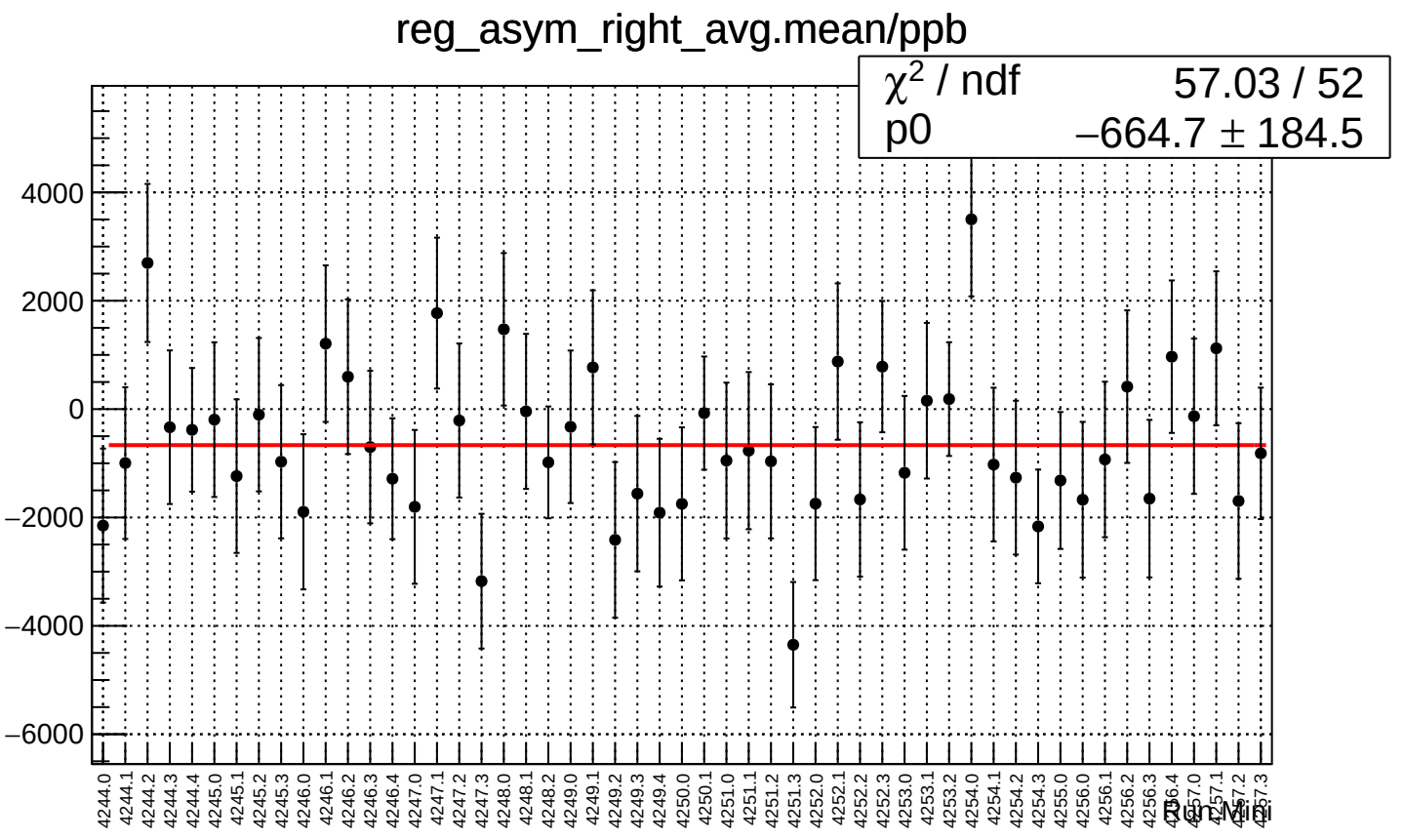

reg_asym_left_avg.rms/ppm
htemp
Entries 53
Mean 146.7
Std Dev 7.901
4
3.5
3
2.5
2
1.5
1
0.5
0
135
140
145
150
155
160
165
170
175
reg_asym_left_avg.rms/ppm

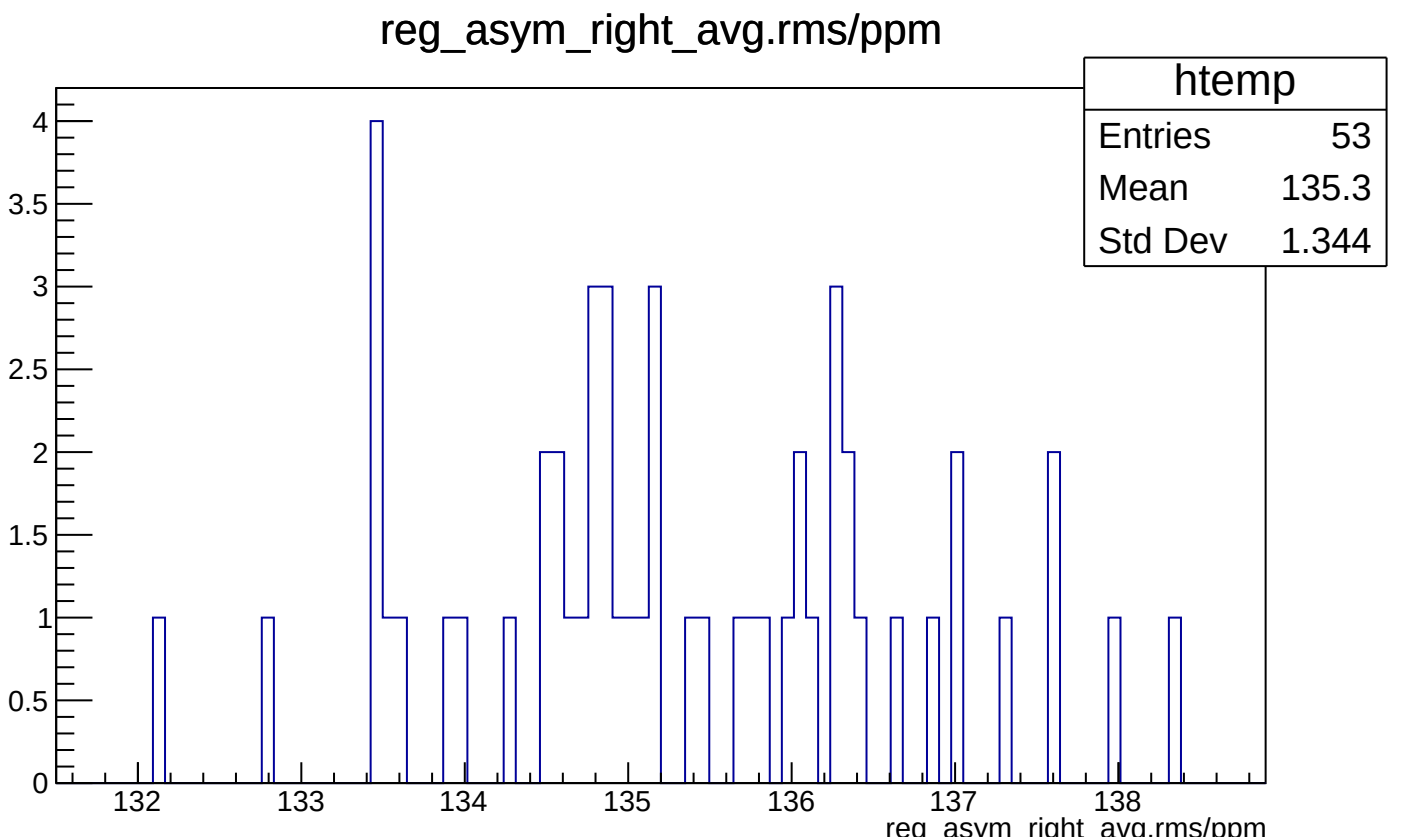

reg_asym_left_avg.rms/ppm
175
170
165
160
155
150
145
140
135
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

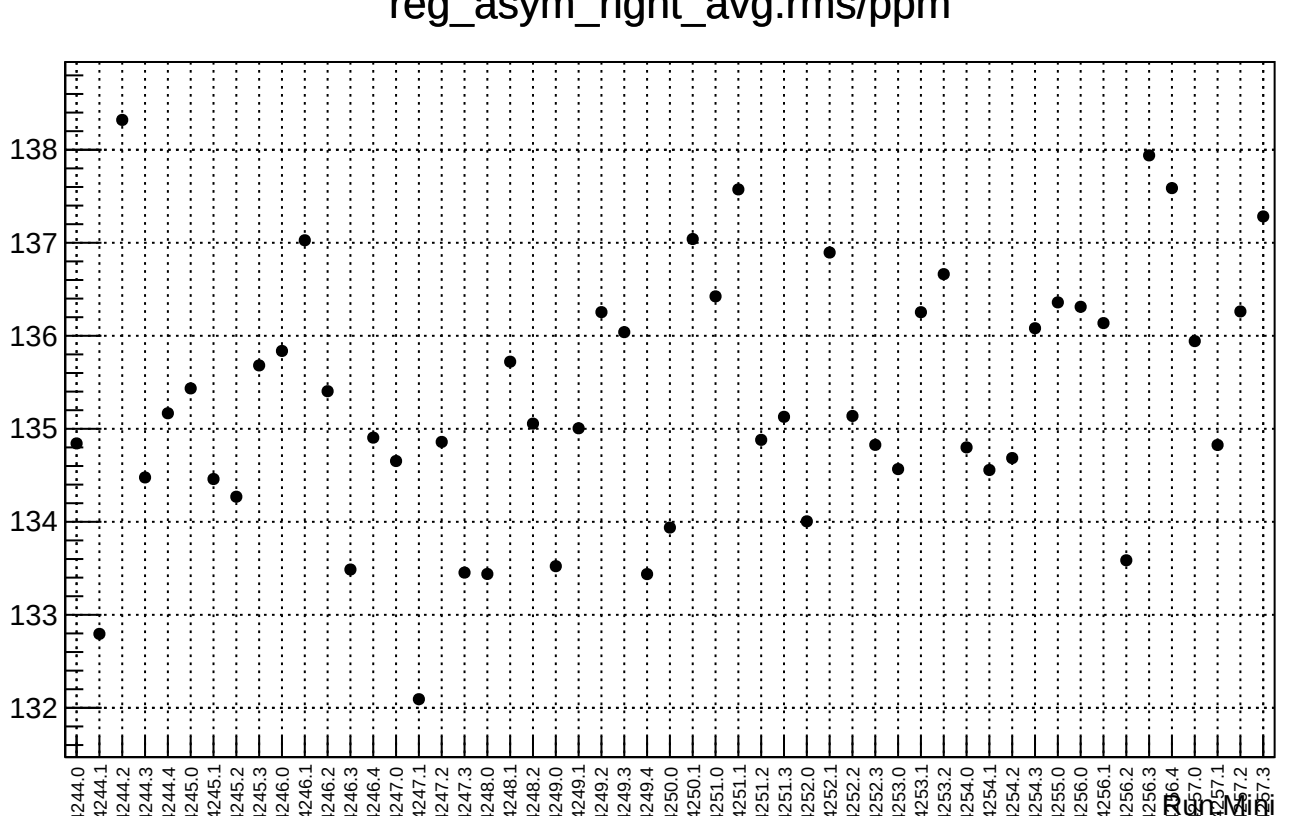

reg_asym_left_dd.mean/ppb
χ² / ndf 51.75 / 52
p0 −25 ± 34.09
800
600
400
200
0
−200
−400
−600
−800
−1000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

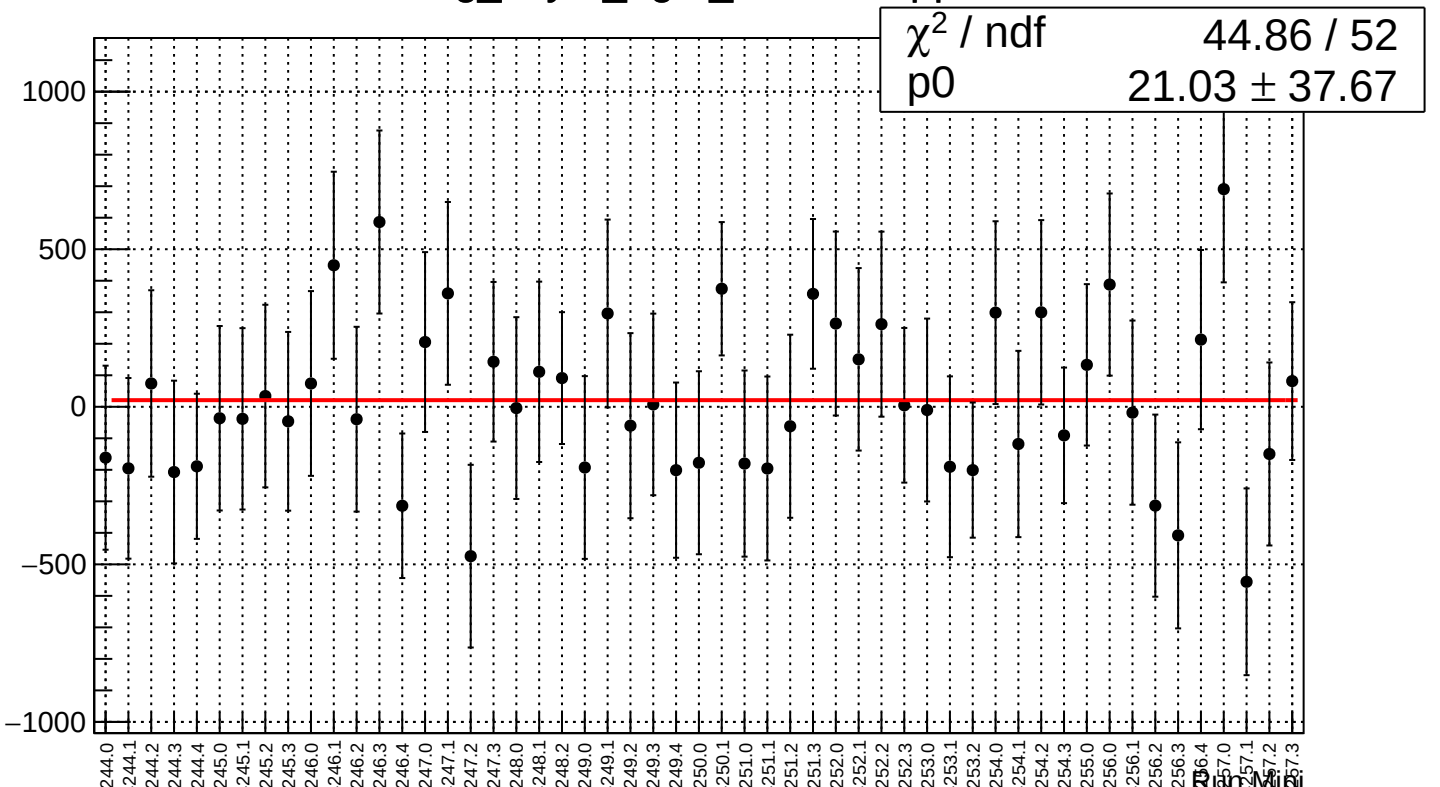

reg_asym_left_dd.rms/ppm
htemp
Entries 53
Mean 25
Std Dev 0.1833
3
2.5
2
1.5
1
0.5
0
24.6
24.7
24.8
24.9
25
25.1
25.2
25.3
25.4
reg_asym_left_dd.rms/ppm

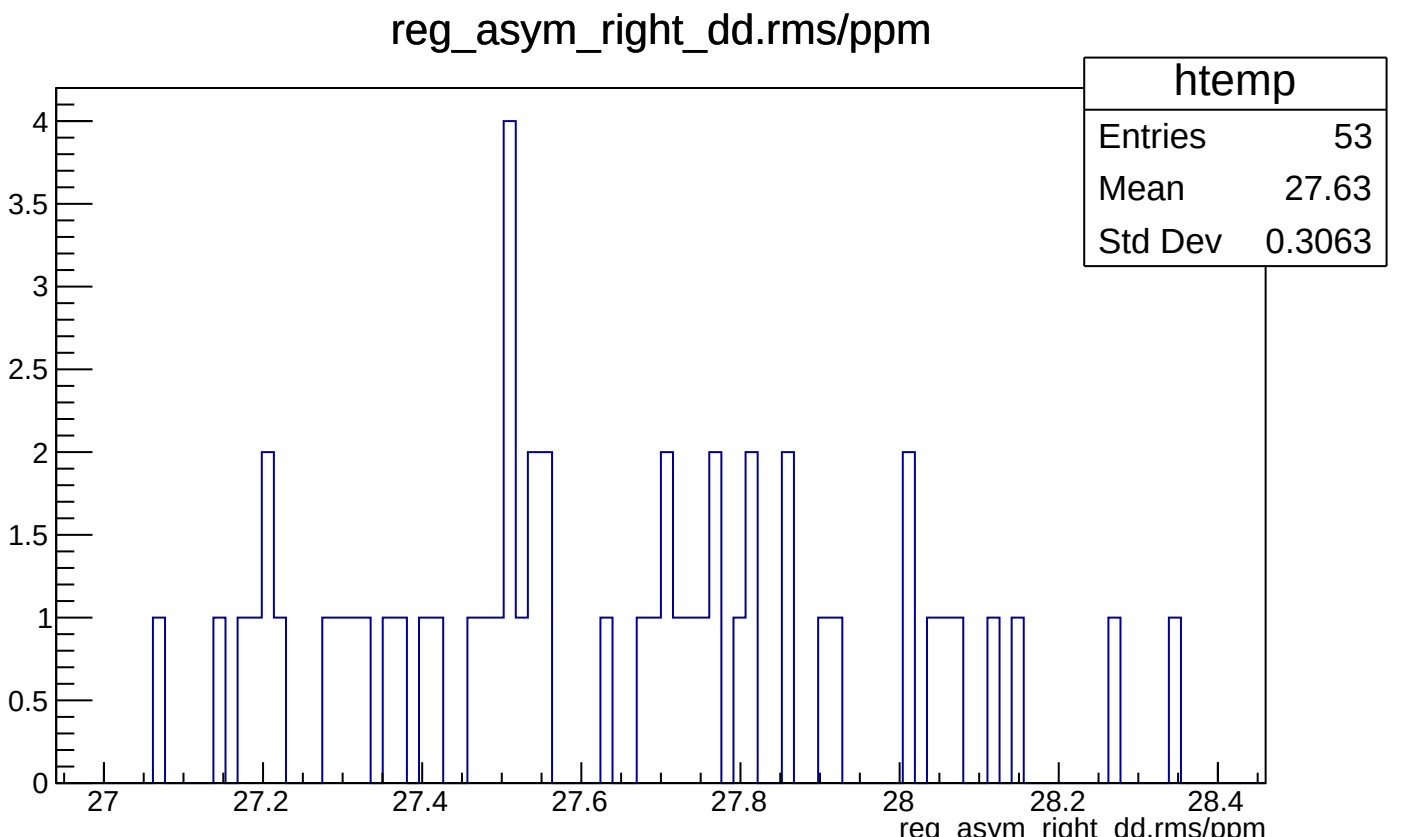

reg_asym_left_dd.rms/ppm
25.4
25.3
25.2
25.1
25
24.9
24.8
24.7
24.6
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

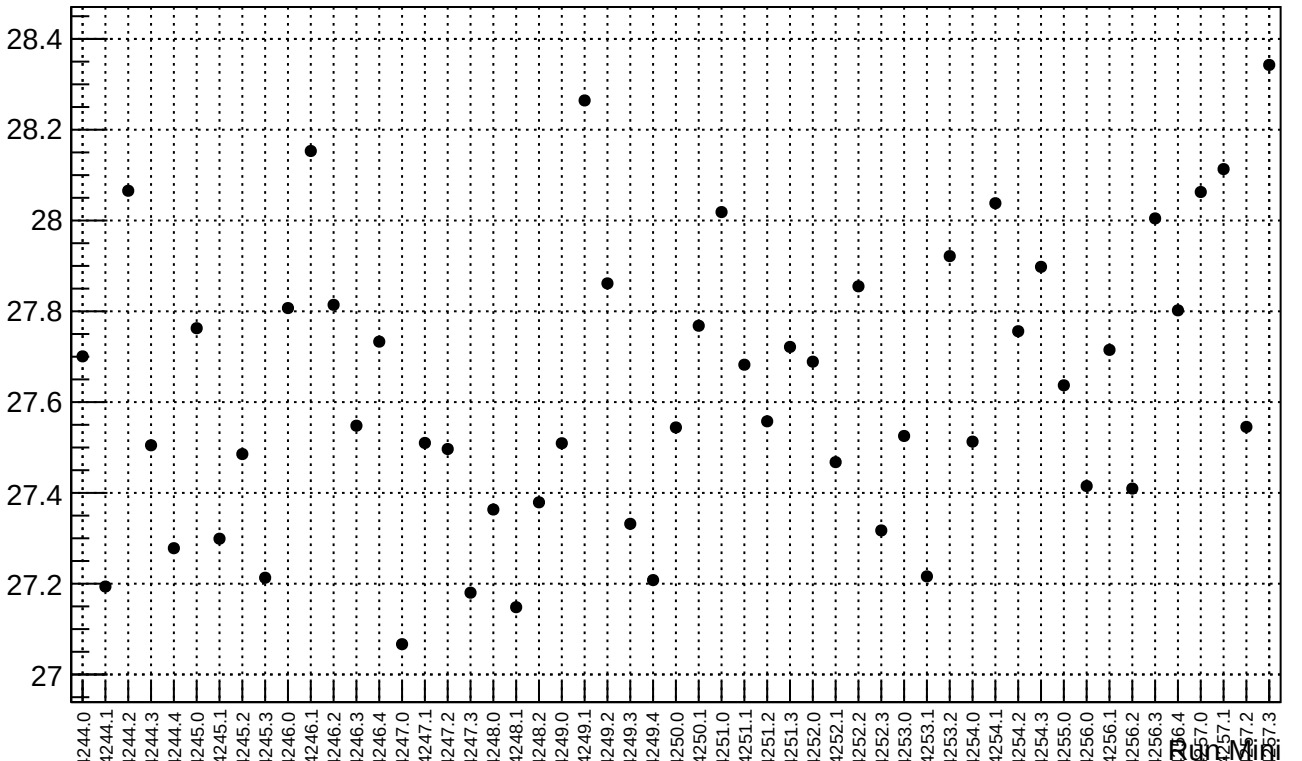

reg_asym_right_avg.mean/ppb
χ² / ndf 57.03 / 52
p0 −664.7 ± 184.5
4000
2000
0
−2000
−4000
−6000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

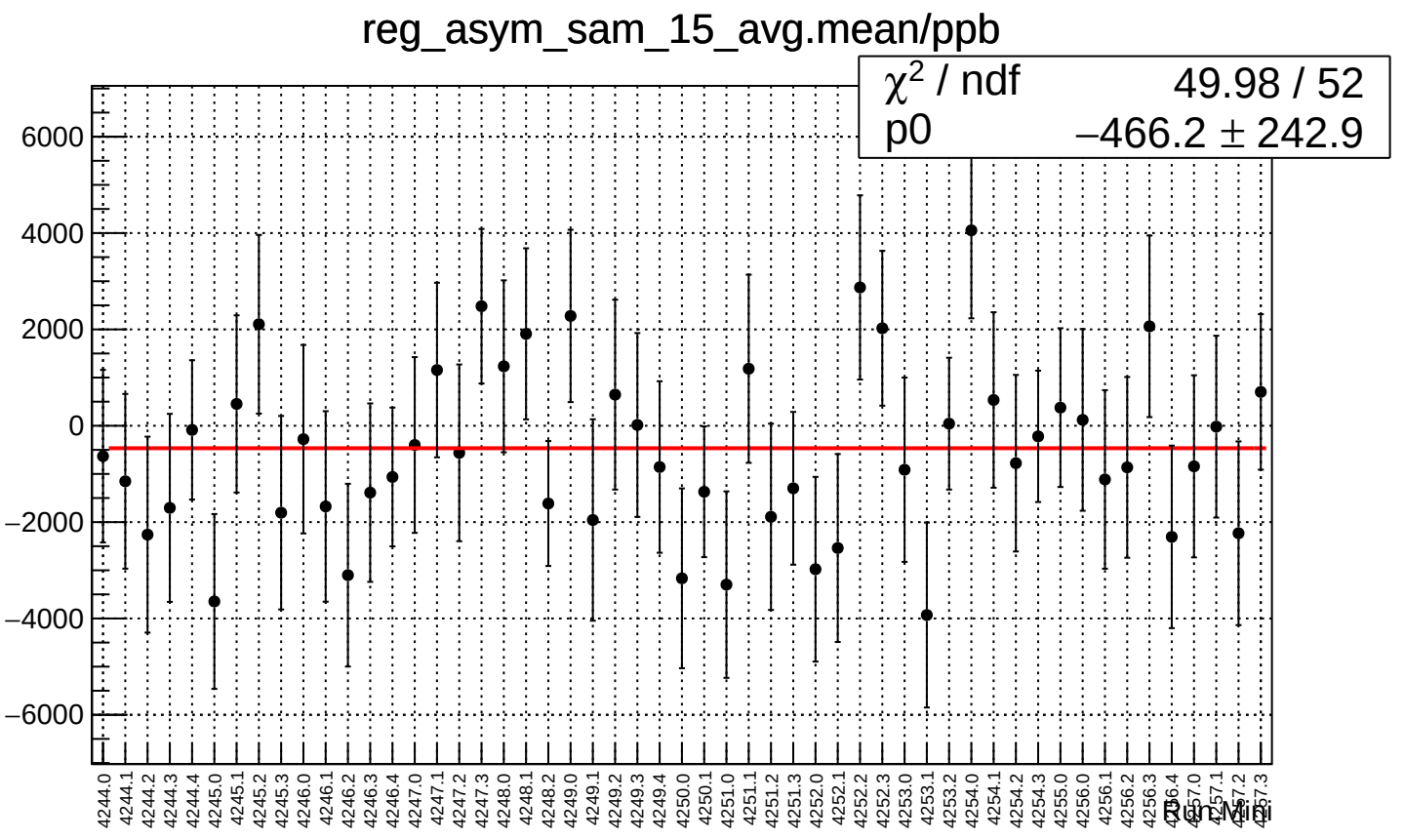

reg_asym_right_avg.rms/ppm
htemp
Entries 53
Mean 135.3
Std Dev 1.344
4
3.5
3
2.5
2
1.5
1
0.5
0
132
133
134
135
136
137
138
reg_asym_right_avg.rms/ppm

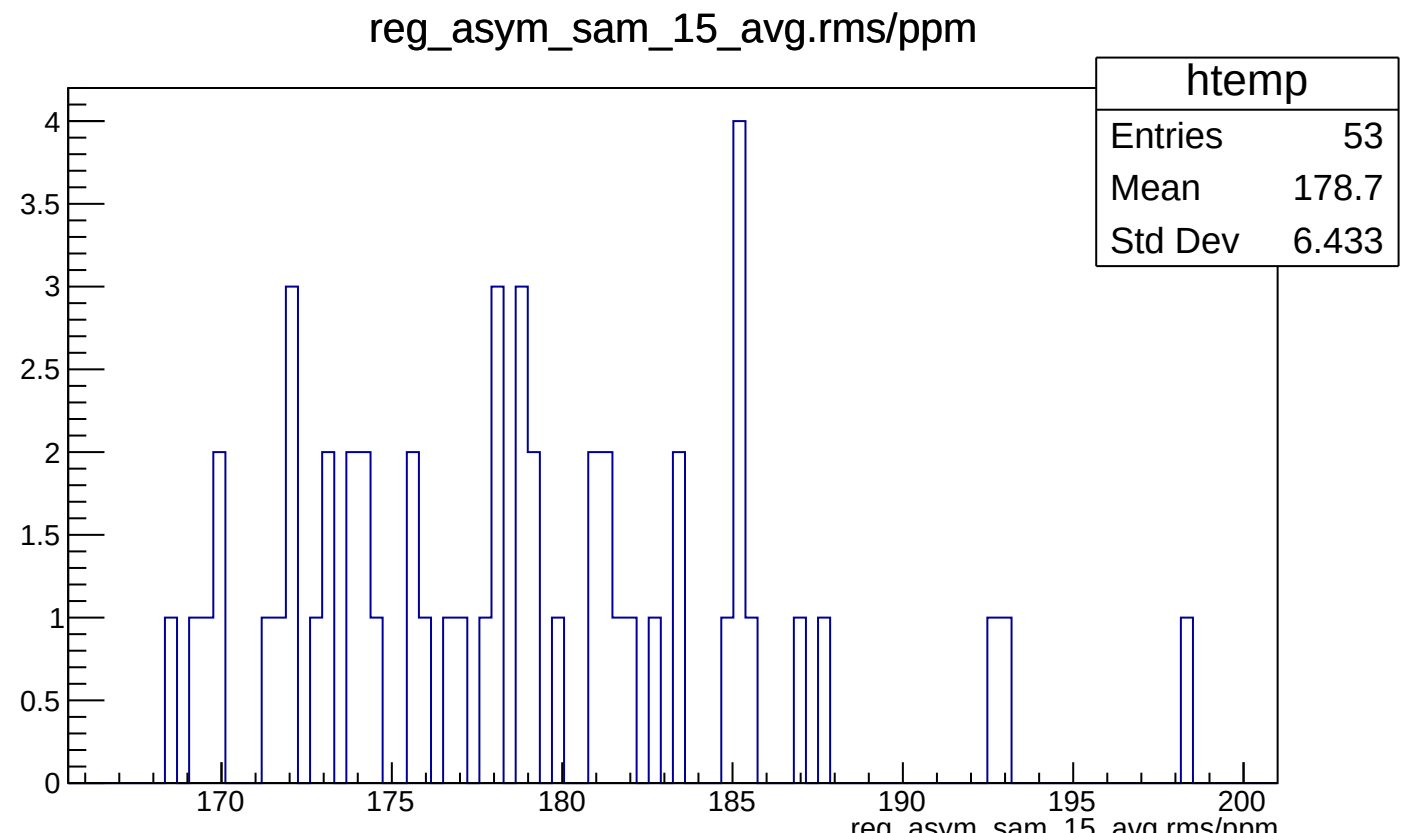

reg_asym_right_avg.rms/ppm
138
137
136
135
134
133
132
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

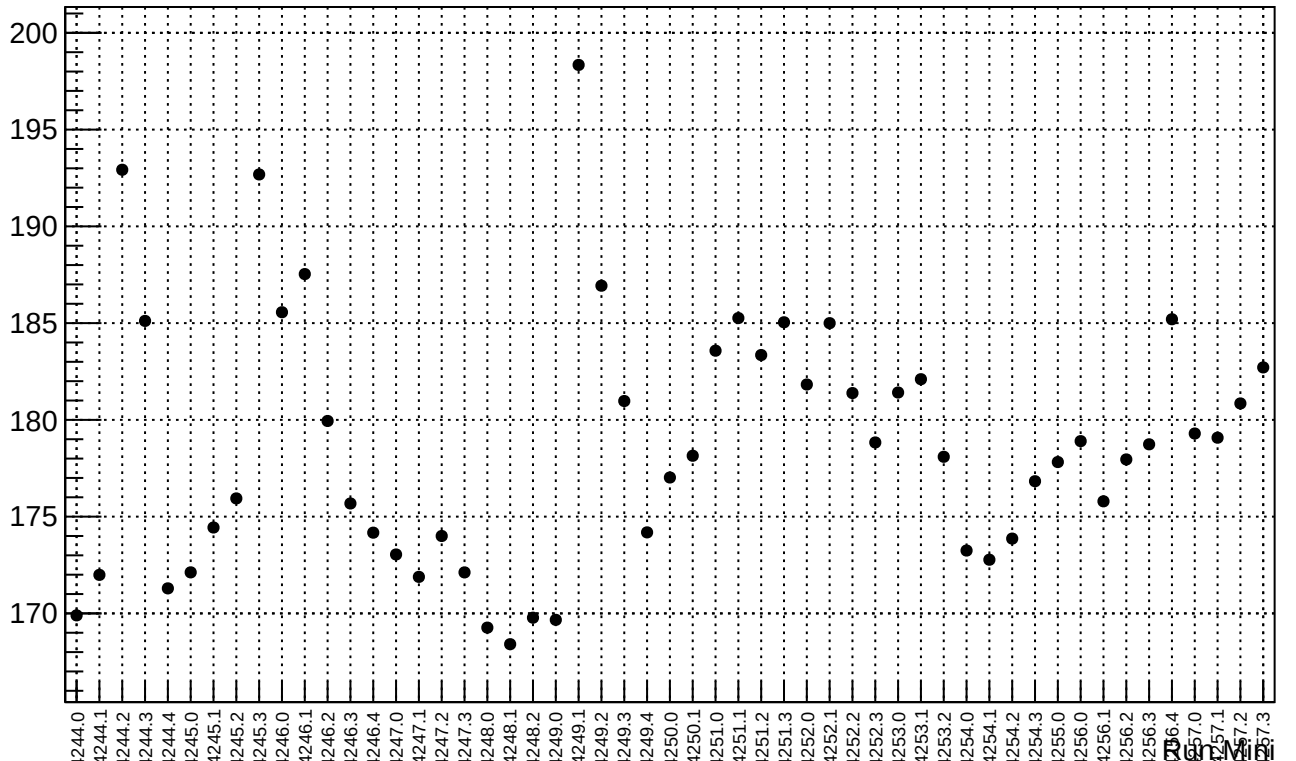

reg_asym_right_dd.mean/ppb
χ^2 / ndf 44.86 / 52
p0 21.03 ± 37.67
1000
500
0
−500
−1000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

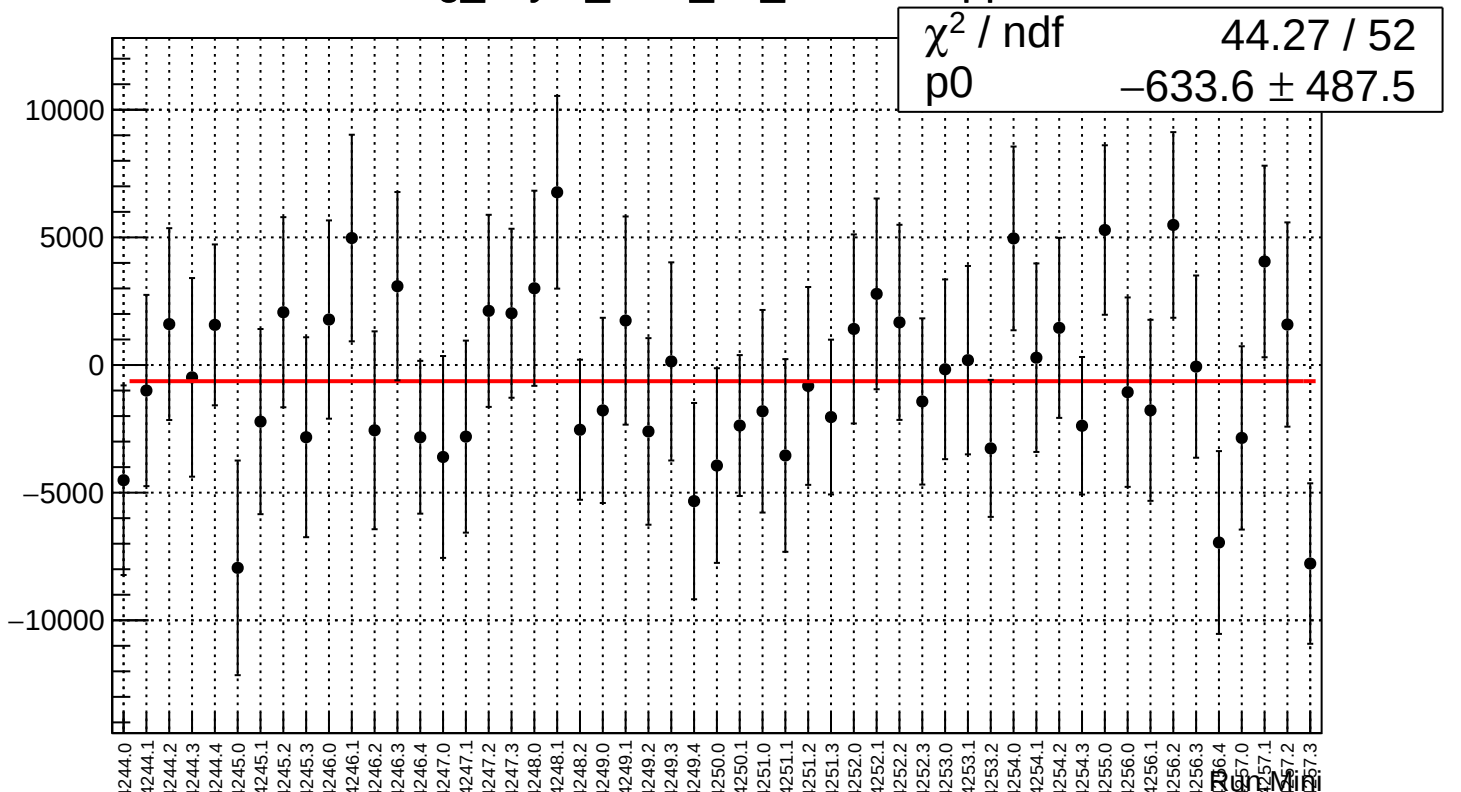

reg_asym_right_dd.rms/ppm
htemp
Entries 53
Mean 27.63
Std Dev 0.3063
0
0.5
1
1.5
2
2.5
3
3.5
4
27
27.2
27.4
27.6
27.8
28
28.2
28.4
reg_asym_right_dd.rms/ppm

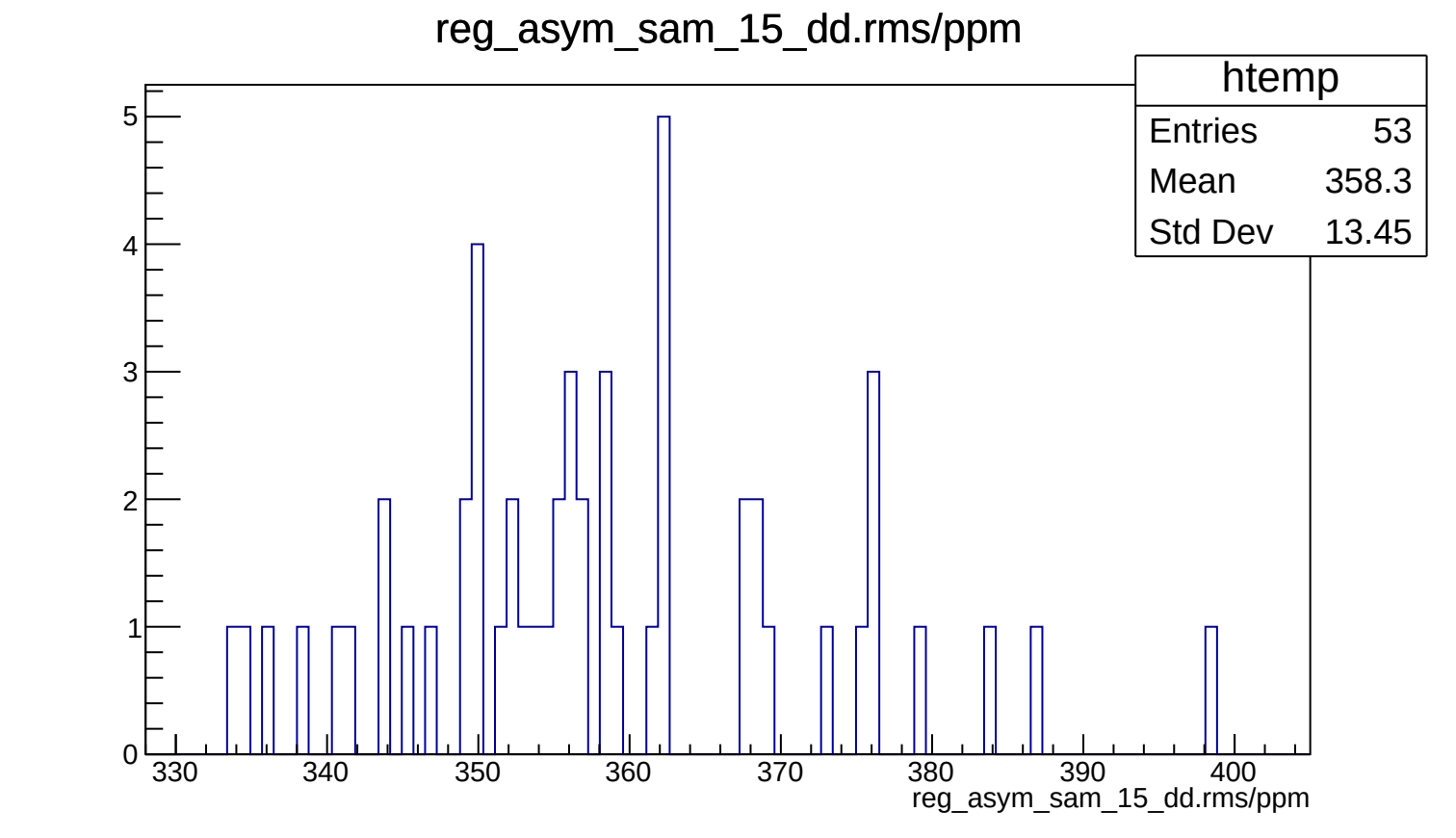

reg_asym_right_dd.rms/ppm
28.4
28.2
28
27.8
27.6
27.4
27.2
27
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

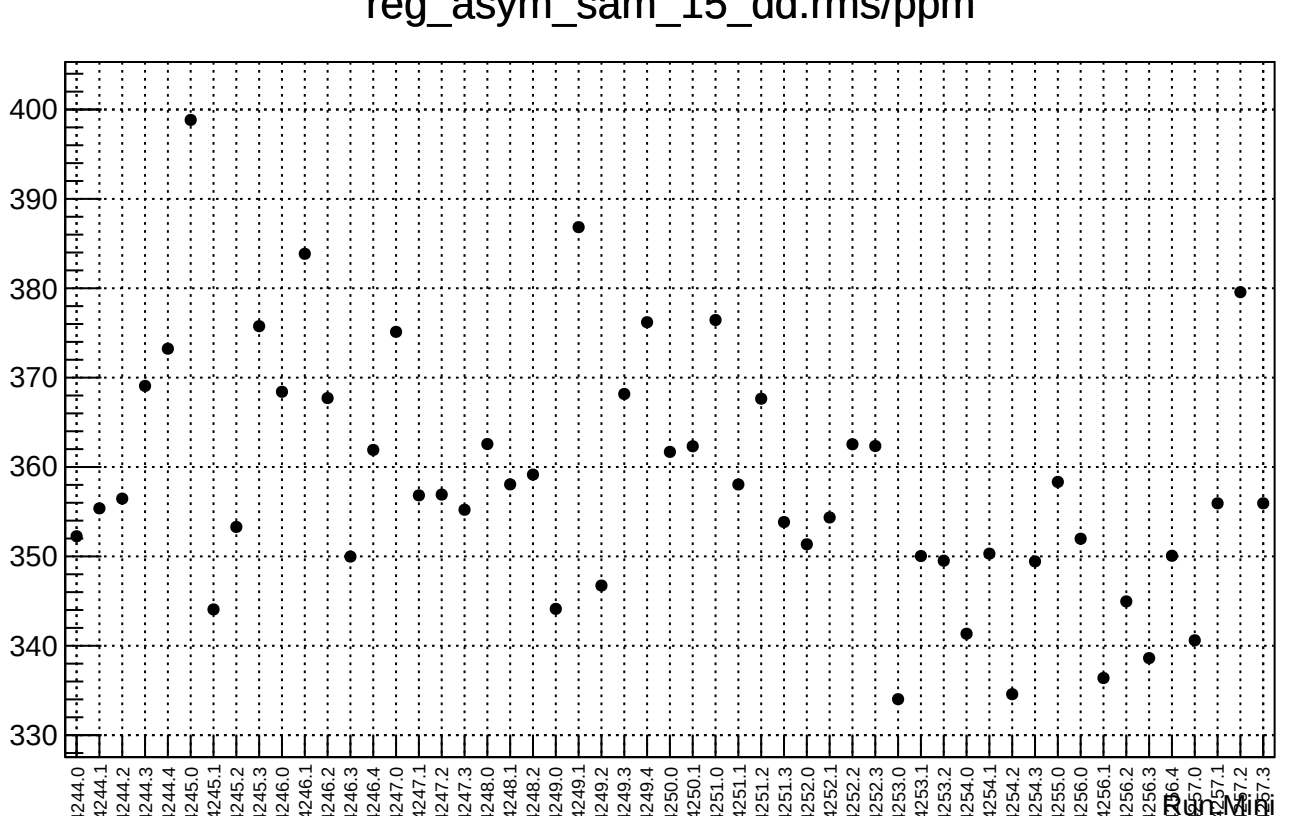

reg_asym_sam_15_avg.mean/ppb
χ² / ndf 49.98 / 52
p0 −466.2 ± 242.9
6000
4000
2000
0
−2000
−4000
−6000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

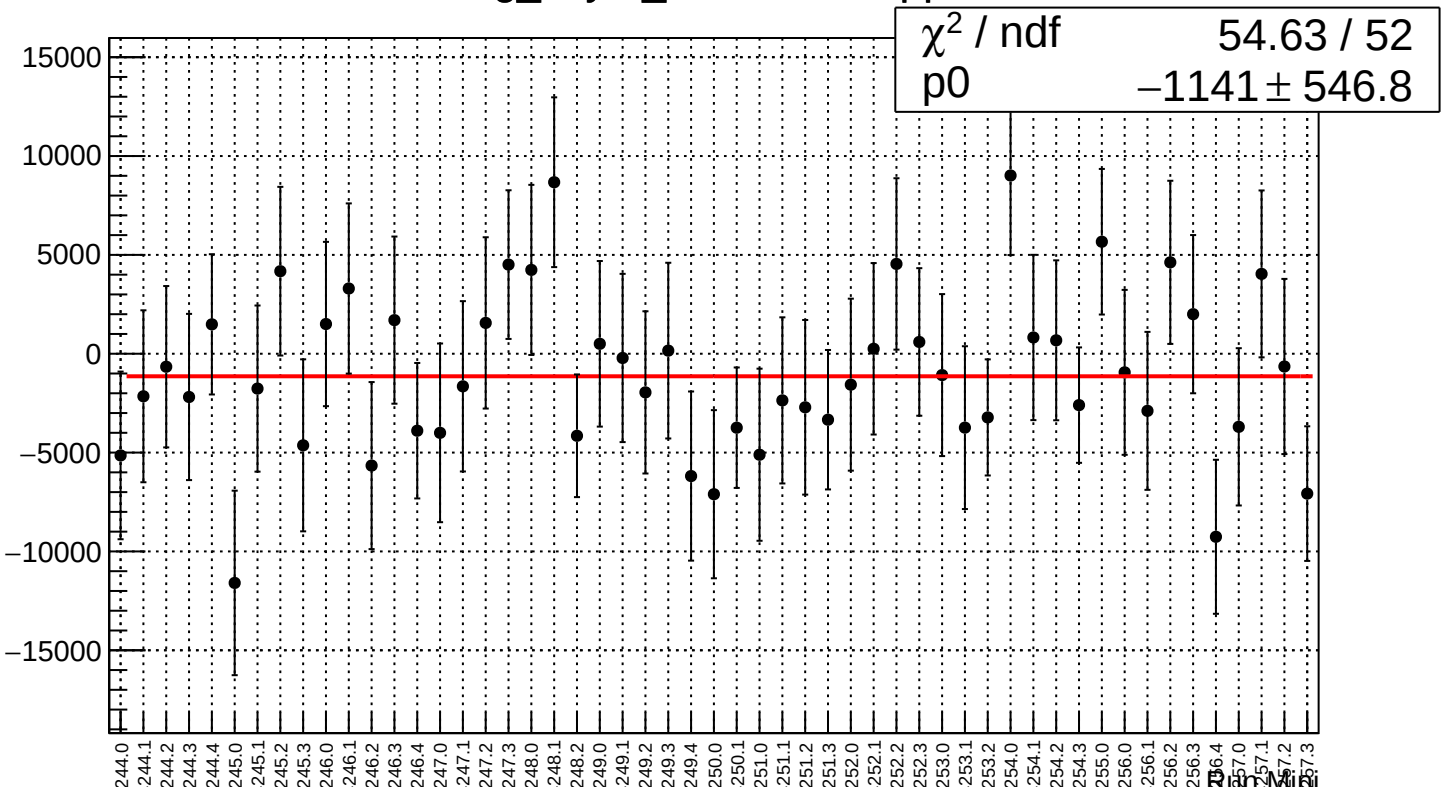

reg_asym_sam_15_avg.rms/ppm
htemp
Entries 53
Mean 178.7
Std Dev 6.433
0
0.5
1
1.5
2
2.5
3
3.5
4
170
175
180
185
190
195
200
reg_asym_sam_15_avg.rms/ppm

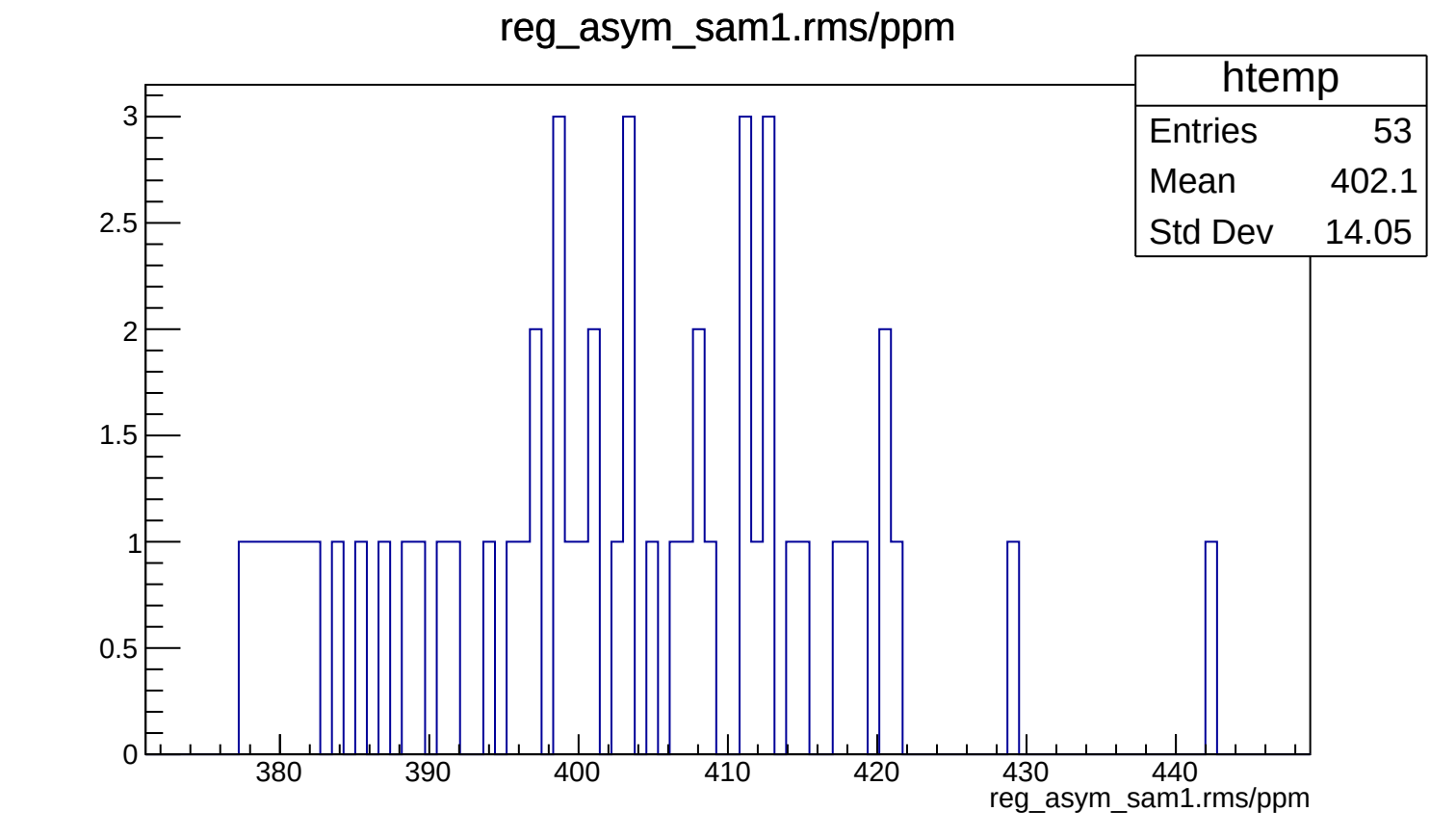

reg_asym_sam_15_avg.rms/ppm
200
195
190
185
180
175
170
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

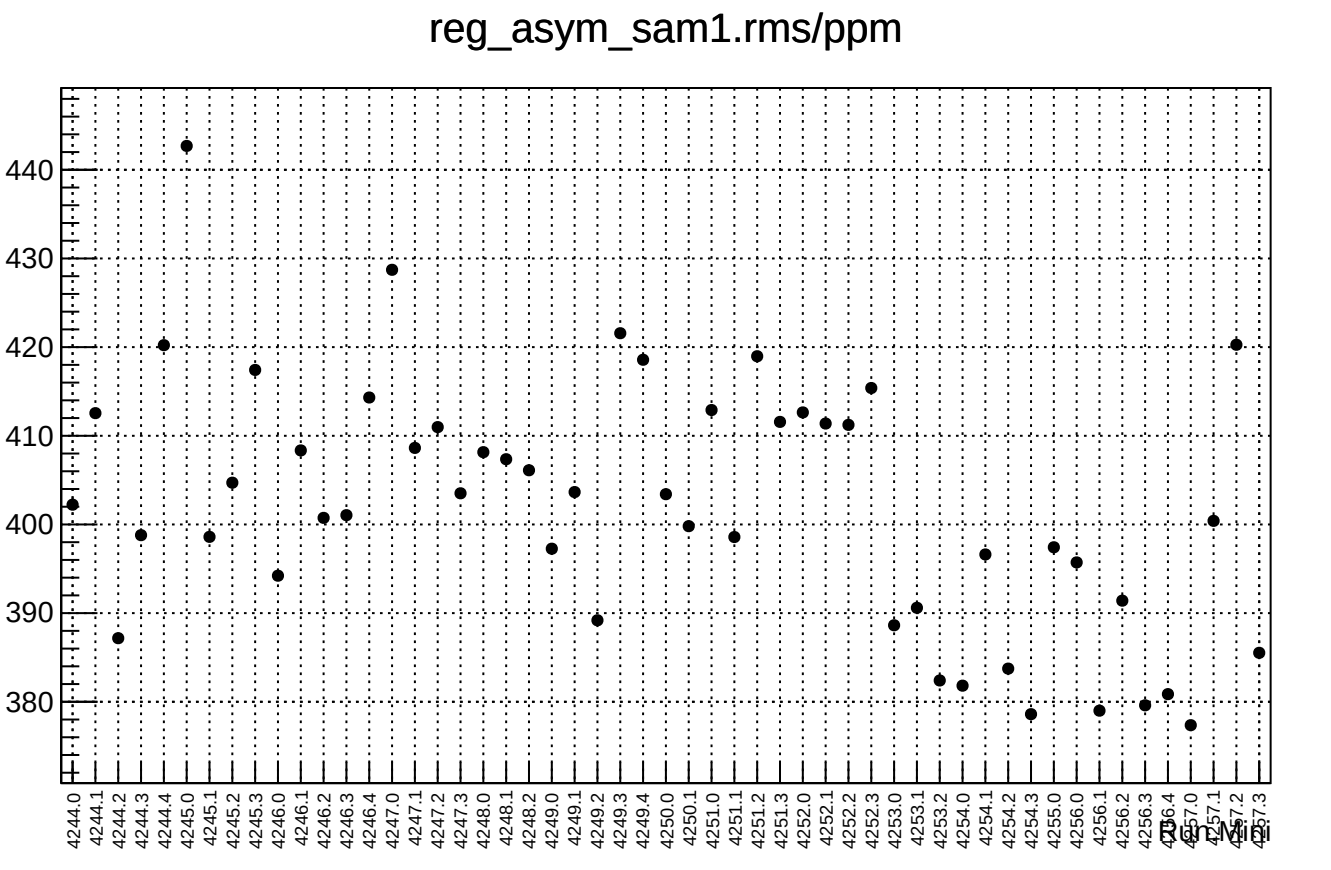

reg_asym_sam_15_dd.mean/ppb
χ² / ndf 44.27 / 52
p0 −633.6 ± 487.5
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

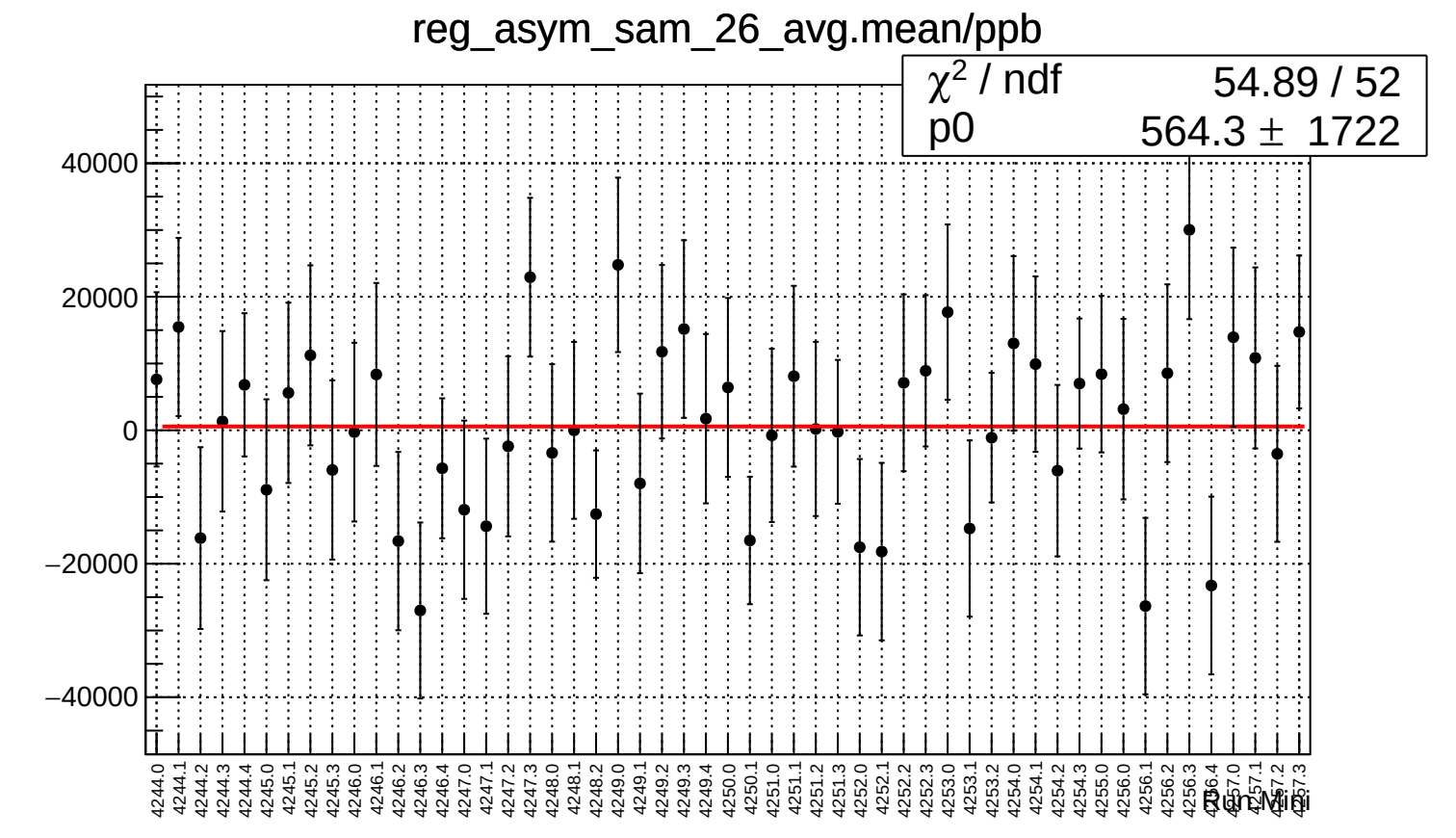

reg_asym_sam_15_dd.rms/ppm
htemp
Entries 53
Mean 358.3
Std Dev 13.45
0
1
2
3
4
5
330
340
350
360
370
380
390
400
reg_asym_sam_15_dd.rms/ppm

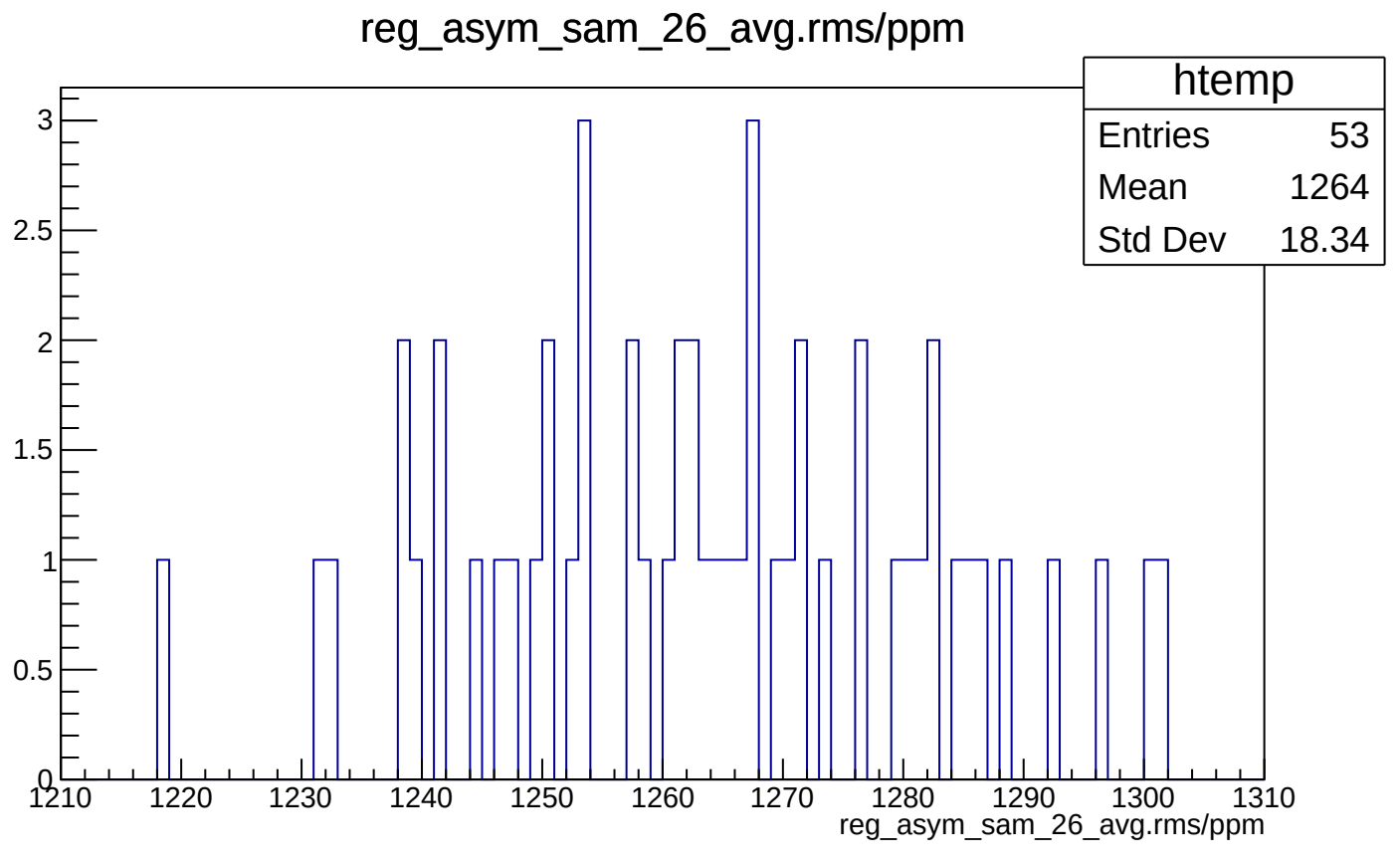

reg_asym_sam_15_dd.rms/ppm
400
390
380
370
360
350
340
330
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

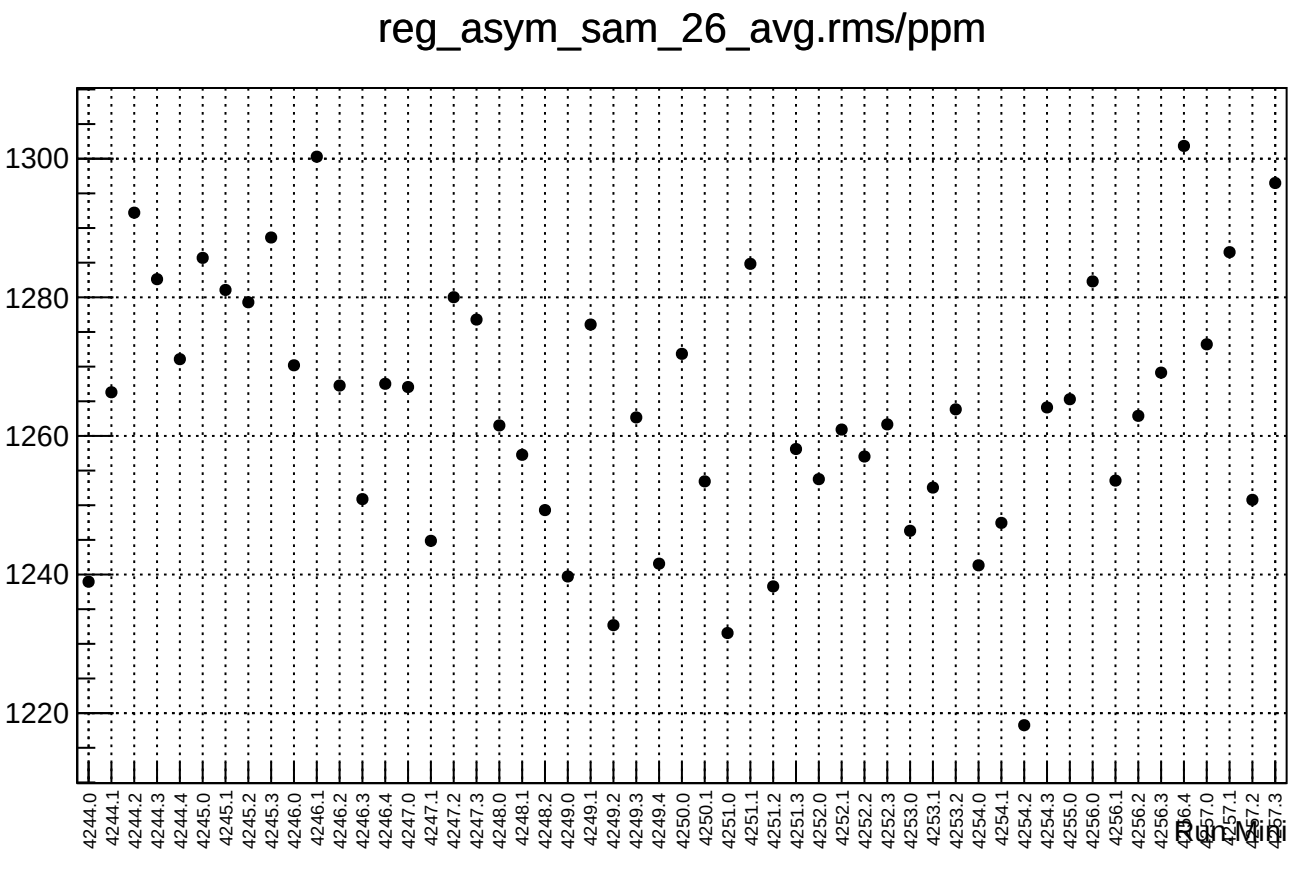

reg_asym_sam1.mean/ppb
χ² / ndf 54.63 / 52
p0 −1141 ± 546.8
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

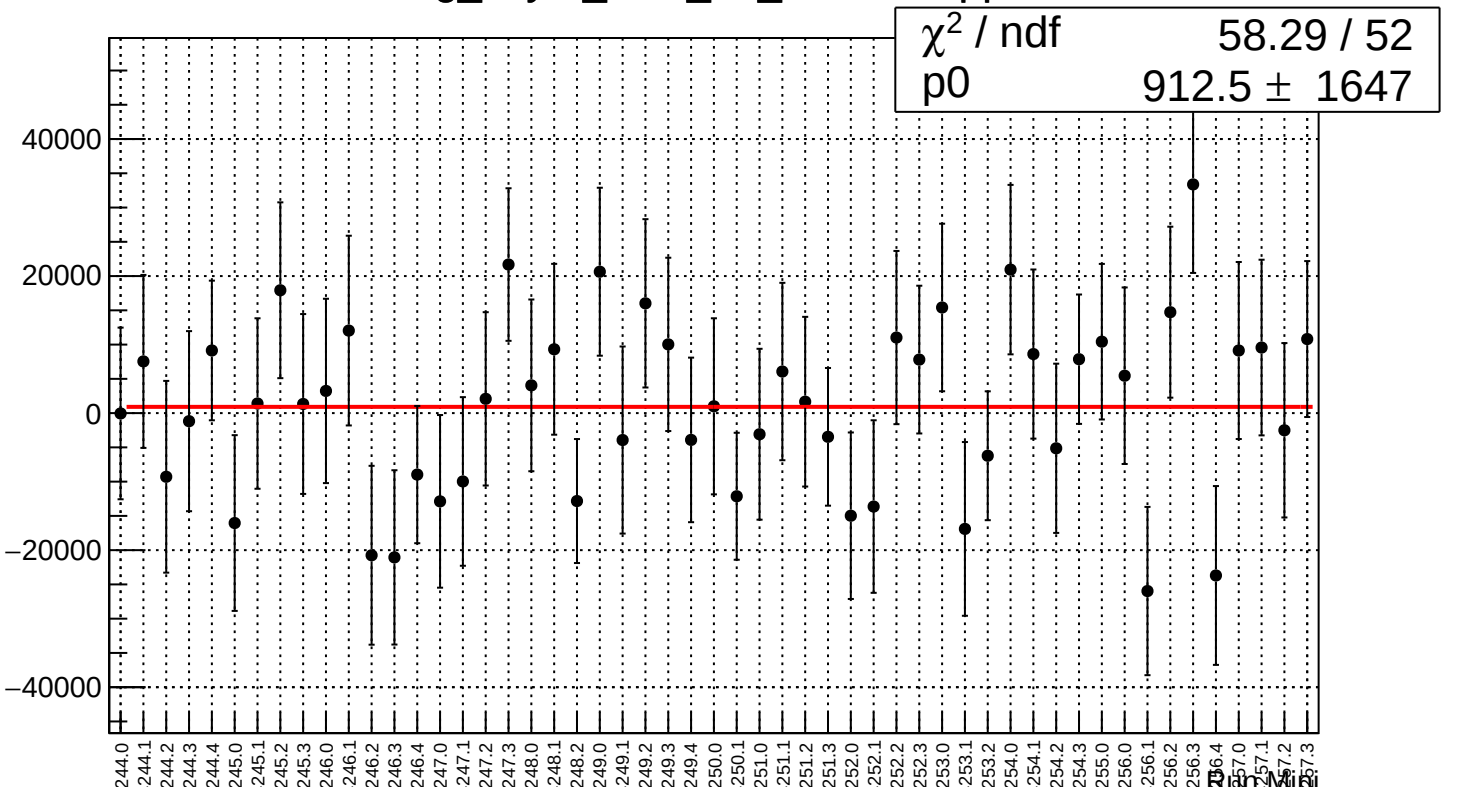

reg_asym_sam1.rms/ppm
htemp
Entries 53
Mean 402.1
Std Dev 14.05
3
2.5
2
1.5
1
0.5
0
380
390
400
410
420
430
440
reg_asym_sam1.rms/ppm

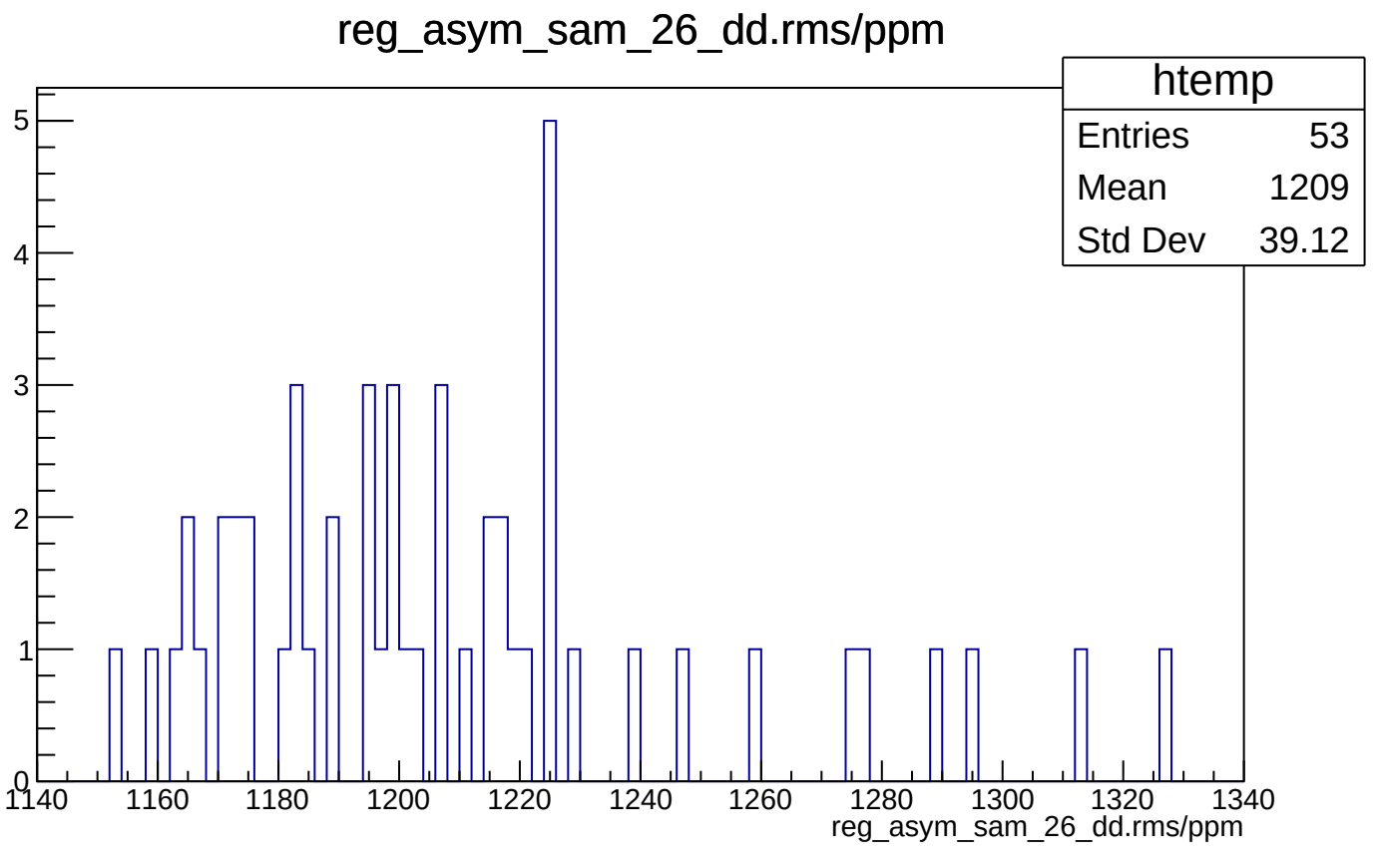

reg_asym_sam1.rms/ppm
440
430
420
410
400
390
380
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

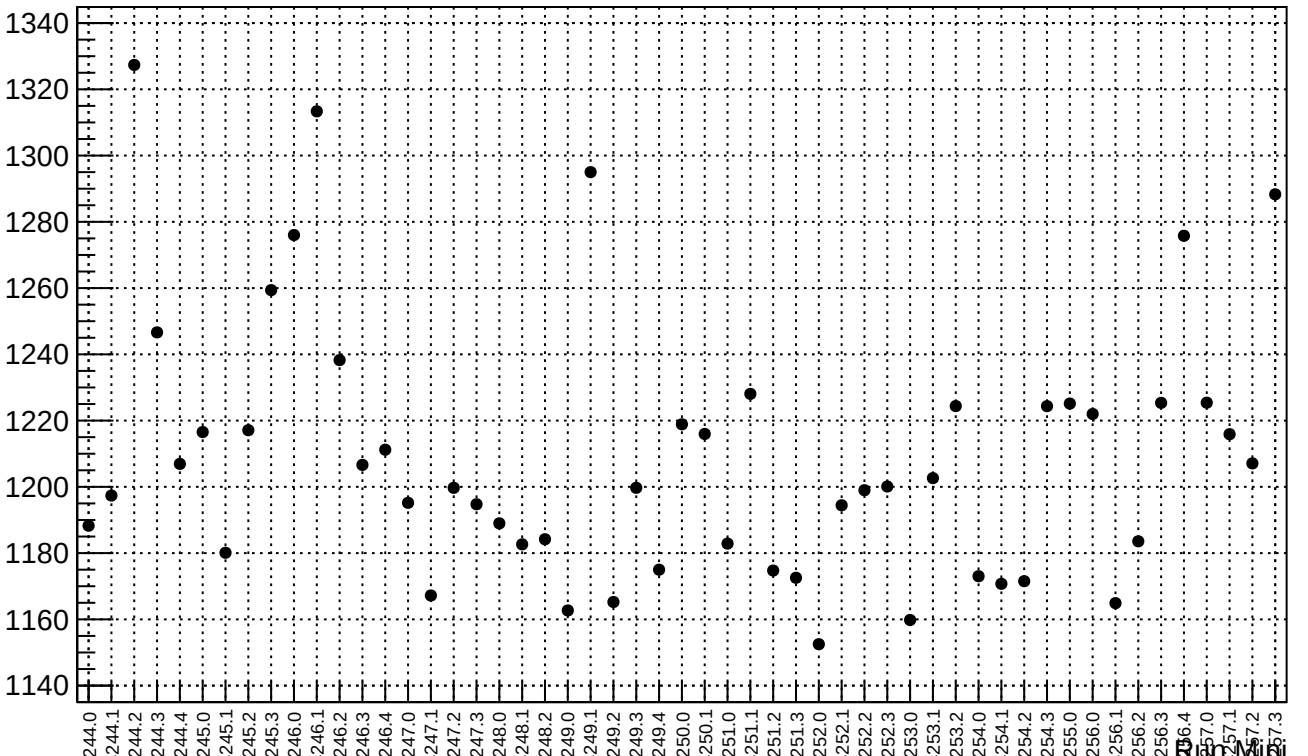

reg_asym_sam_26_avg.mean/ppb
χ² / ndf 54.89 / 52
p0 564.3 ± 1722
40000
20000
0
−20000
−40000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

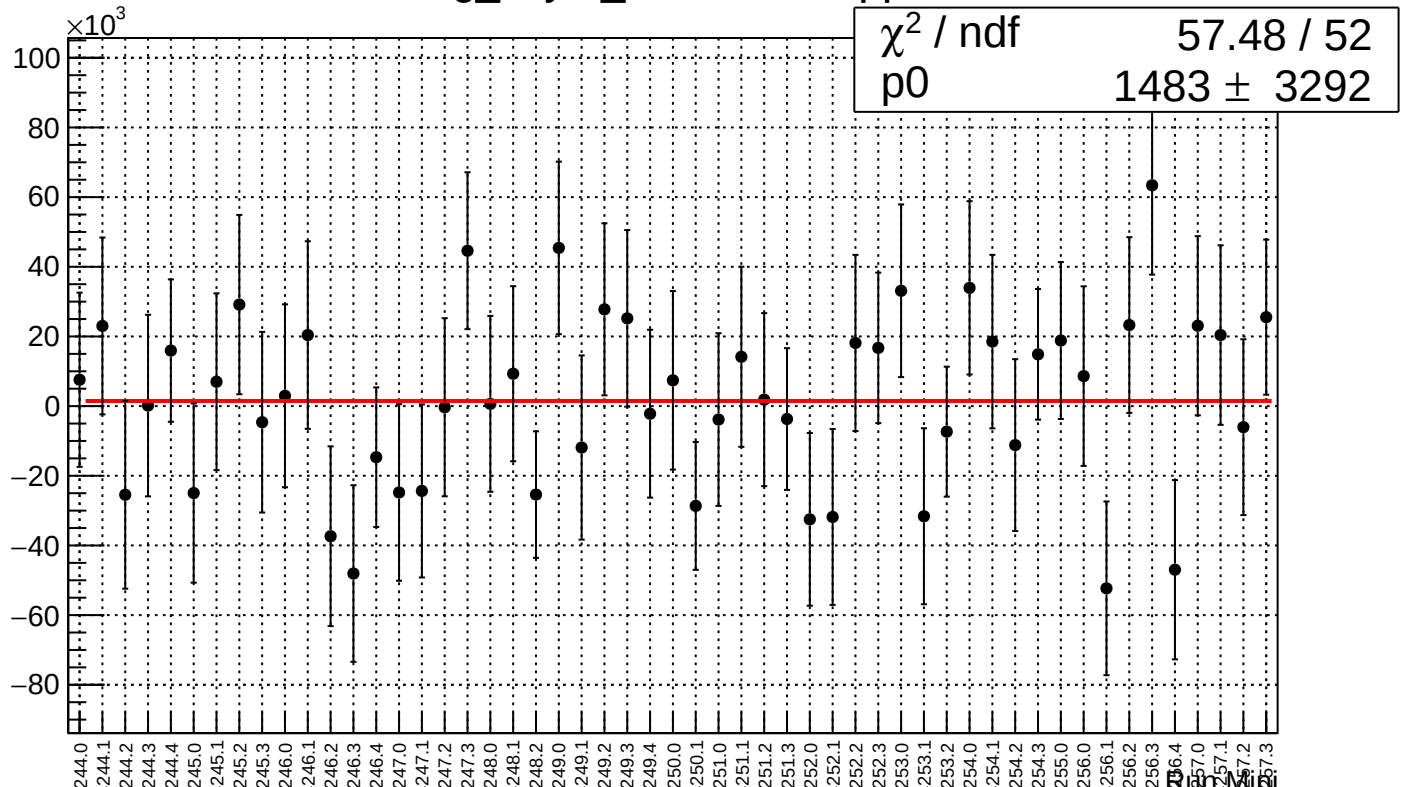

reg_asym_sam_26_avg.rms/ppm
htemp
Entries 53
Mean 1264
Std Dev 18.34
3
2.5
2
1.5
1
0.5
0
1210
1220
1230
1240
1250
1260
1270
1280
1290
1300
1310
reg_asym_sam_26_avg.rms/ppm

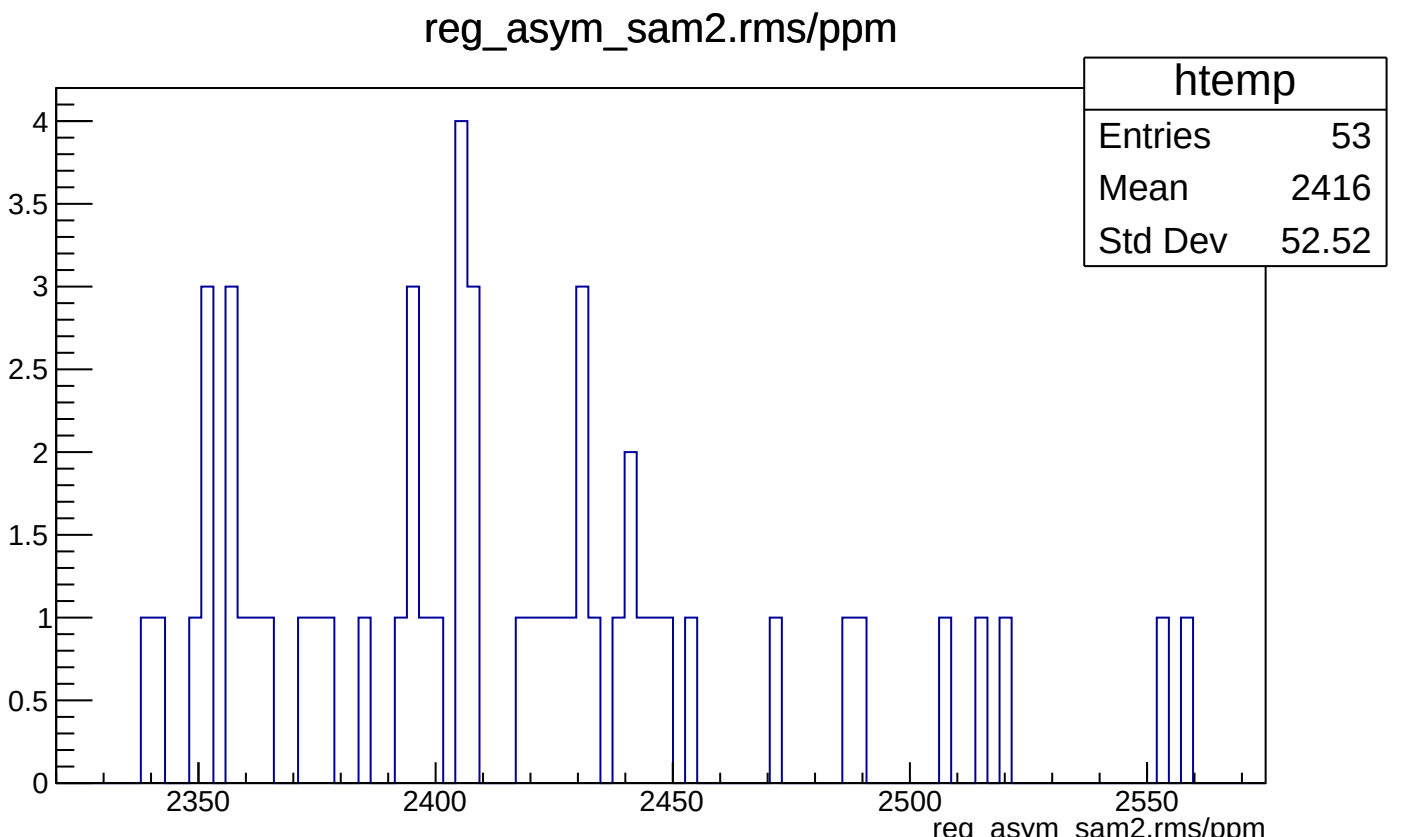

reg_asym_sam_26_avg.rms/ppm
1300
1280
1260
1240
1220
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

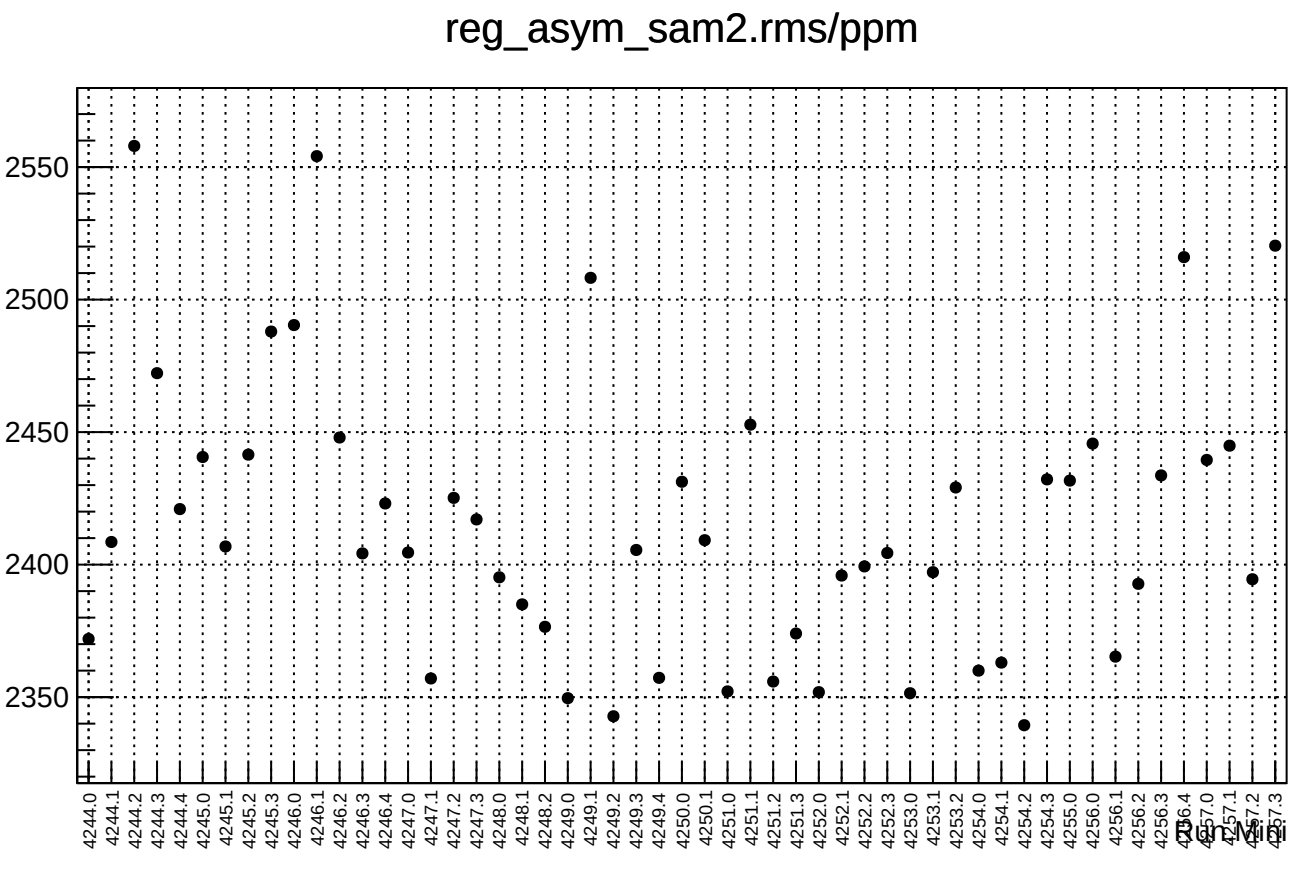

reg_asym_sam_26_dd.mean/ppb
χ² / ndf 58.29 / 52
p0 912.5 ± 1647
40000
20000
0
−20000
−40000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

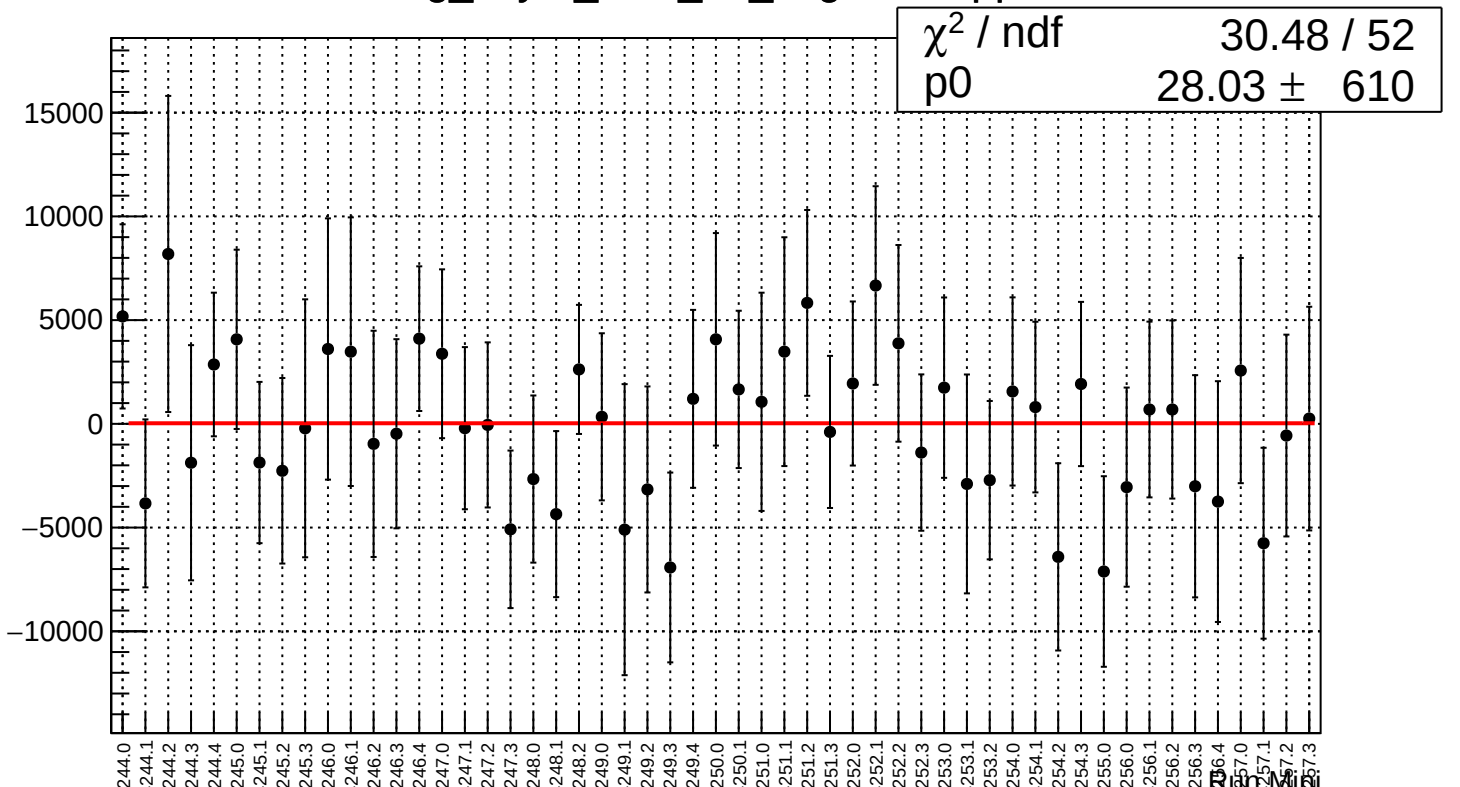

reg_asym_sam_26_dd.rms/ppm
htemp
Entries 53
Mean 1209
Std Dev 39.12
0
1
2
3
4
5
1140
1160
1180
1200
1220
1240
1260
1280
1300
1320
1340
reg_asym_sam_26_dd.rms/ppm

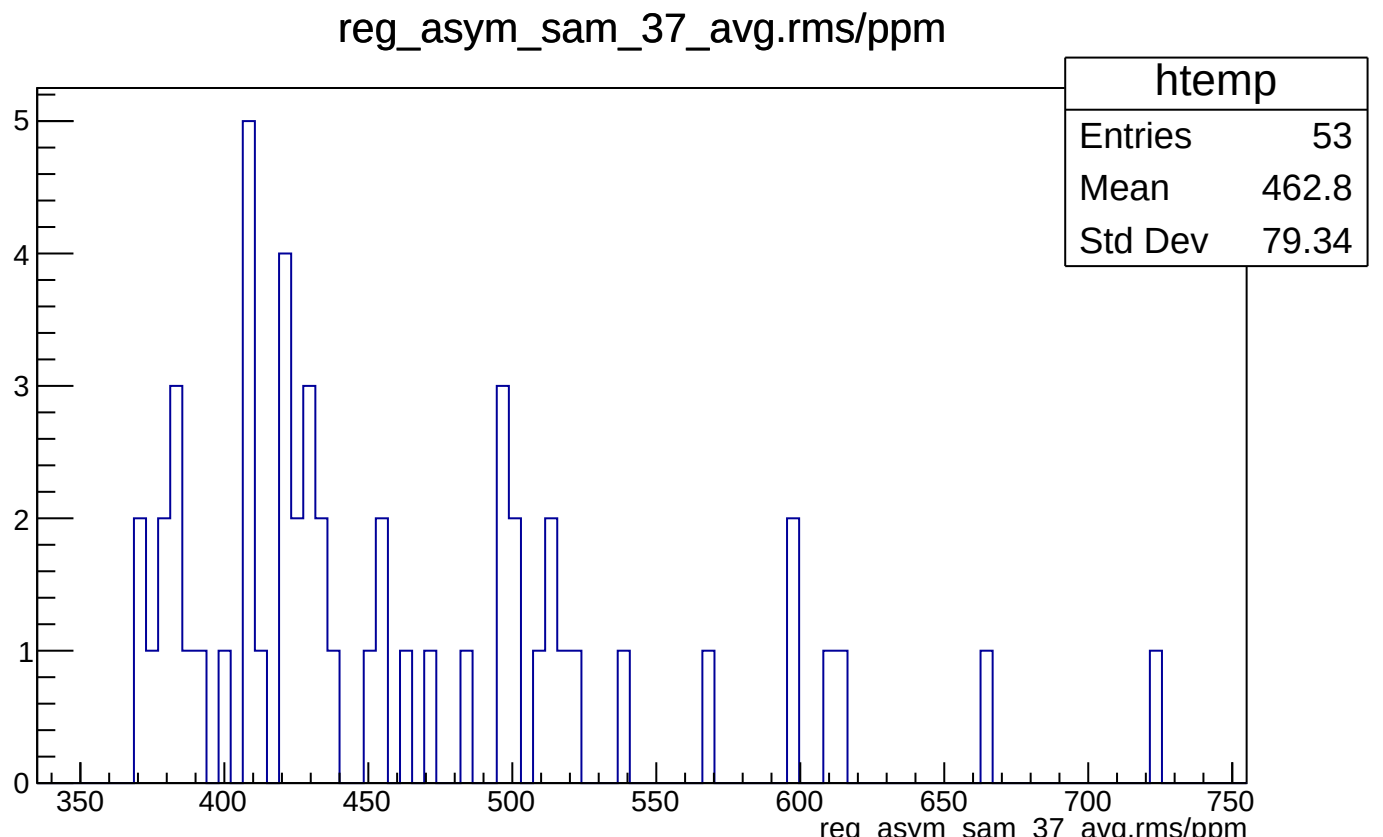

reg_asym_sam_26_dd.rms/ppm
1340
1320
1300
1280
1260
1240
1220
1200
1180
1160
1140
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

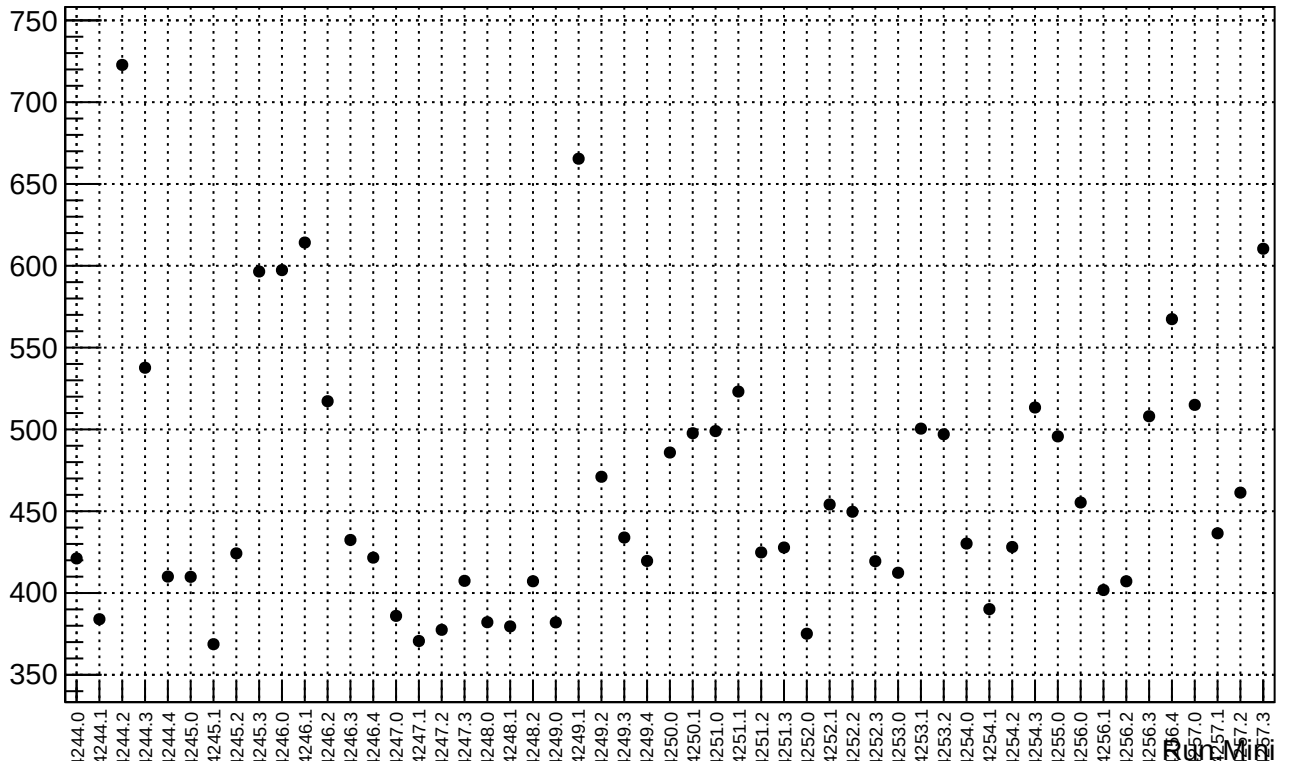

reg_asym_sam2.mean/ppb
×10^3
χ^2 / ndf 57.48 / 52
p0 1483 ± 3292
100
80
60
40
20
0
−20
−40
−60
−80
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

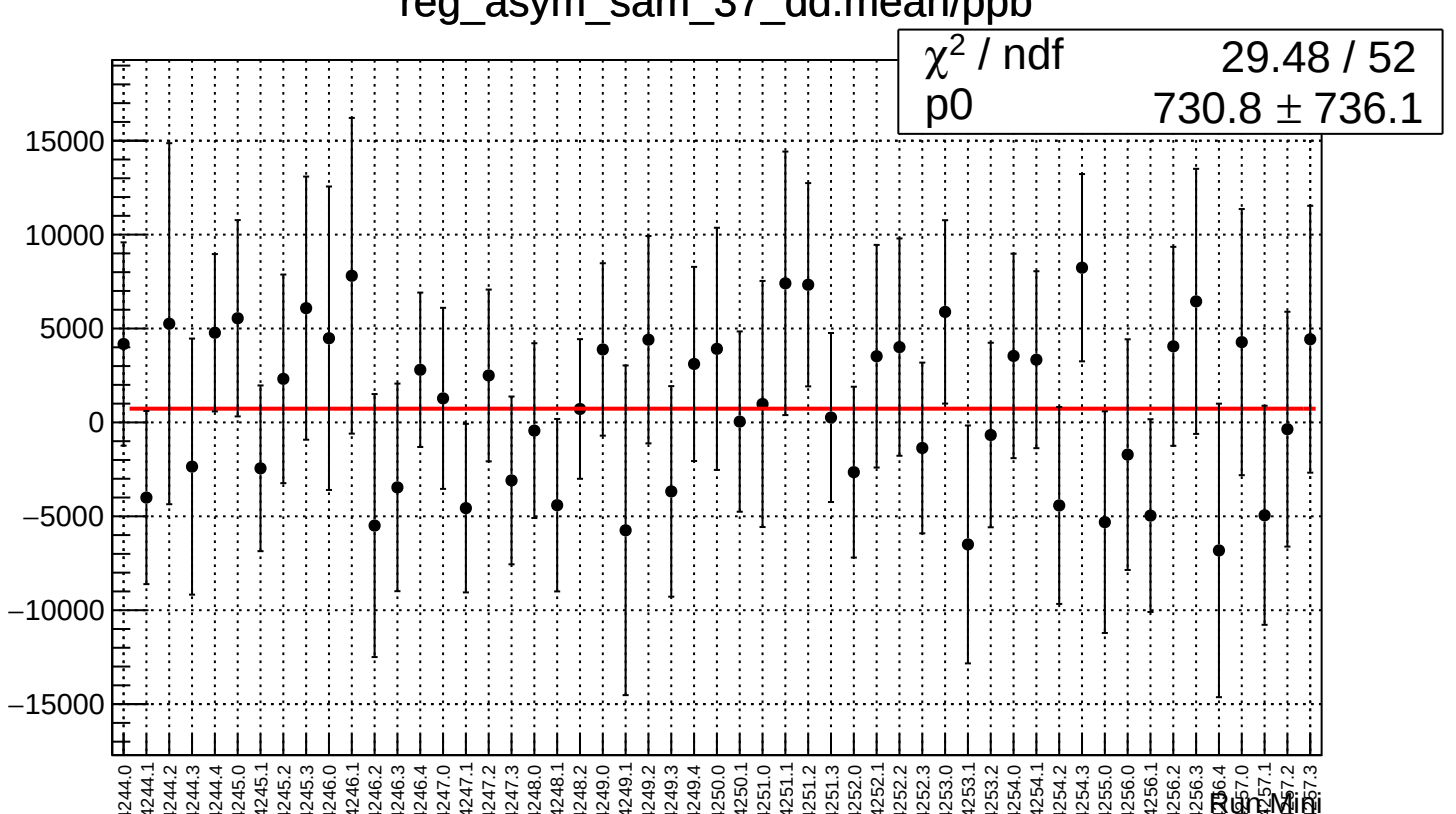

reg_asym_sam2.rms/ppm
htemp
Entries 53
Mean 2416
Std Dev 52.52
4
3.5
3
2.5
2
1.5
1
0.5
0
2350
2400
2450
2500
2550
reg_asym_sam2.rms/ppm

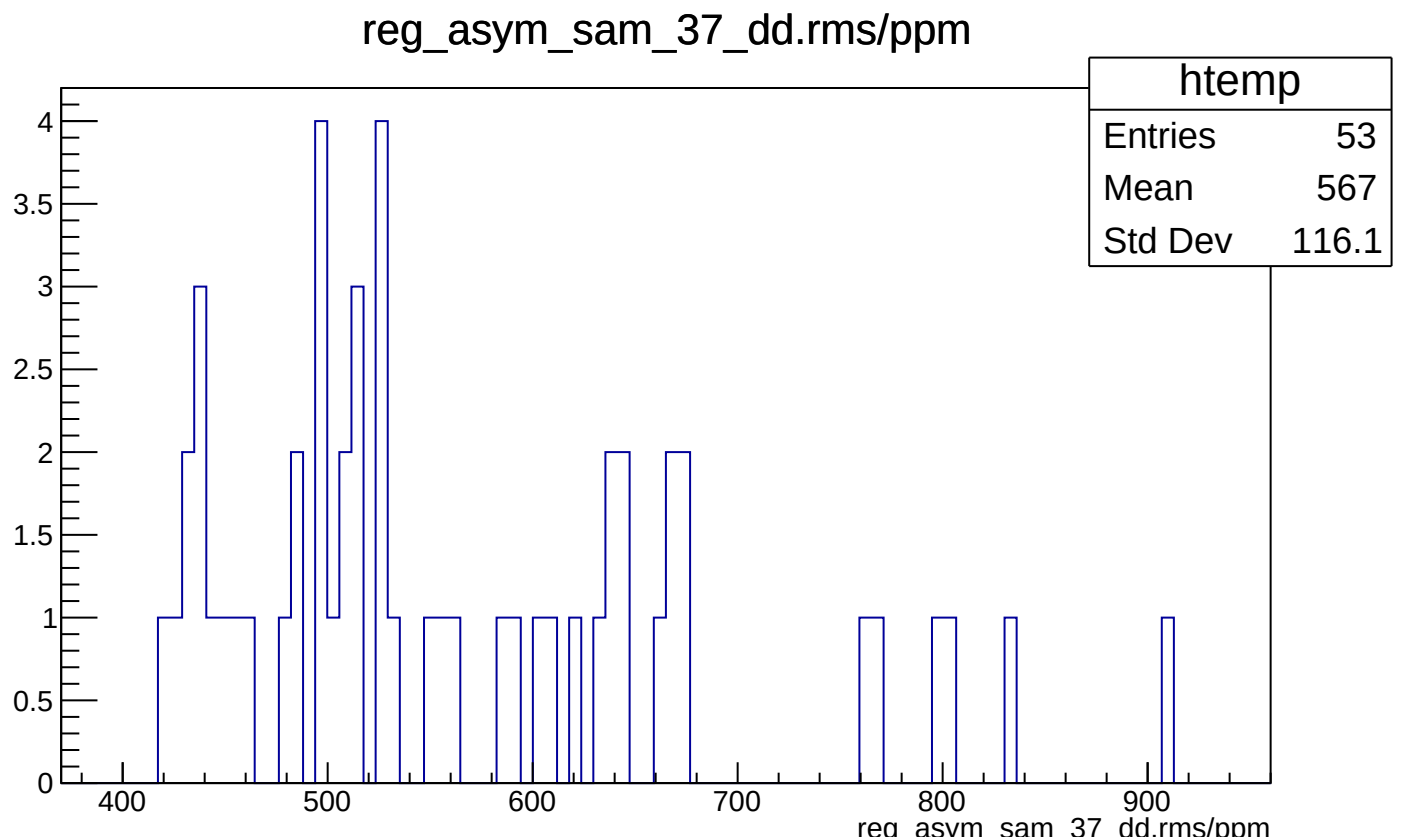

reg_asym_sam2.rms/ppm
2550
2500
2450
2400
2350
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

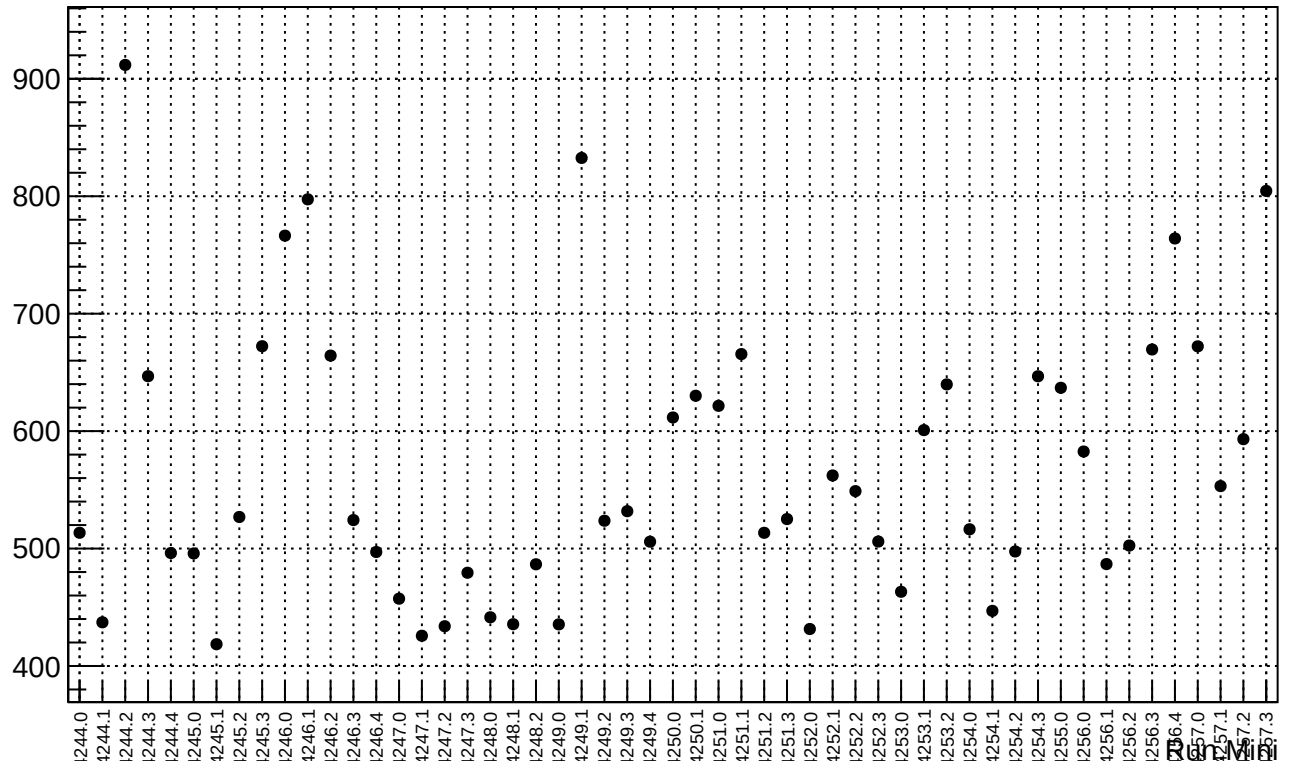

reg_asym_sam_37_avg.mean/ppb
χ² / ndf 30.48 / 52
p0 28.03 ± 610
15000
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

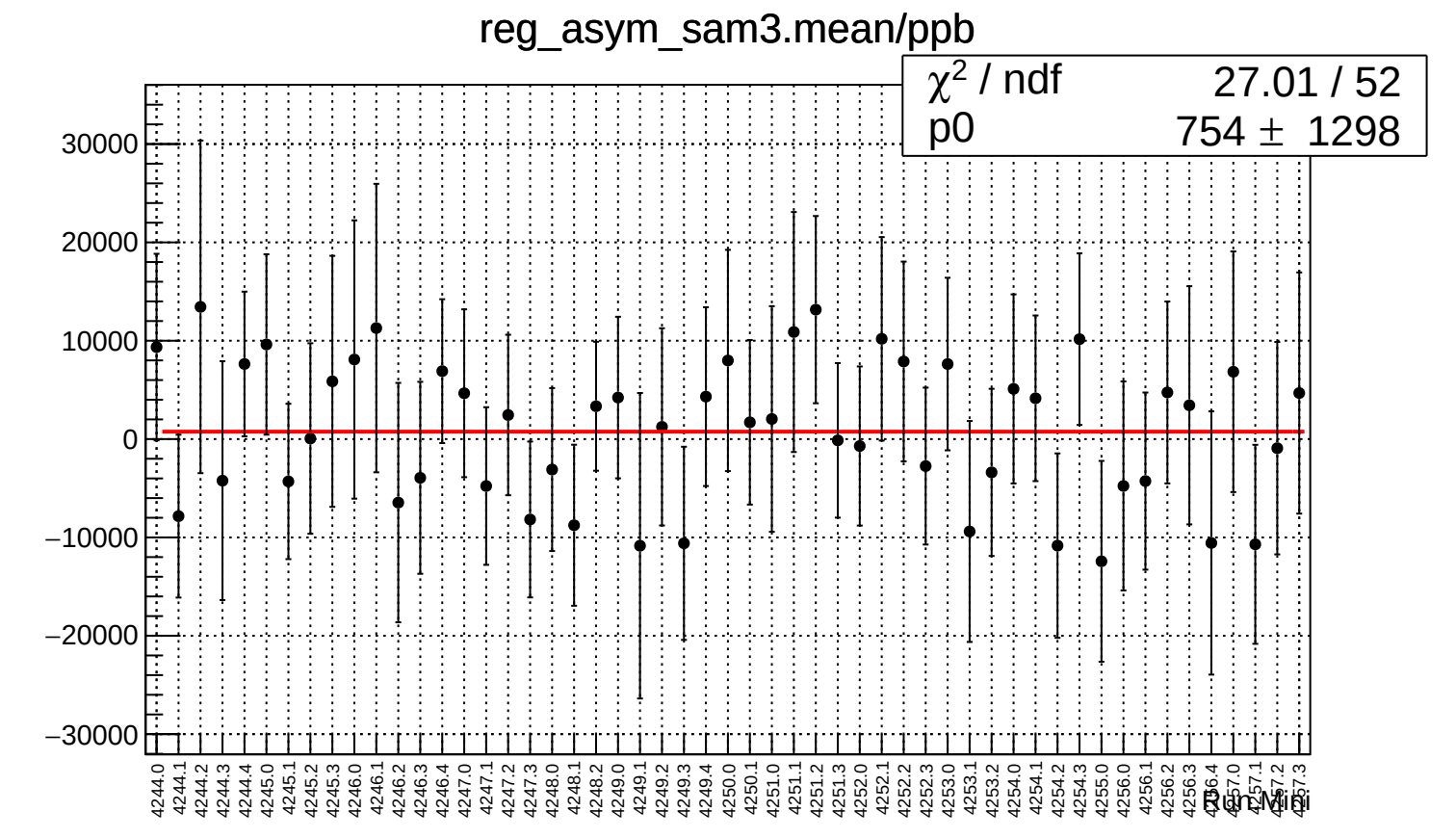

reg_asym_sam_37_avg.rms/ppm
htemp
Entries 53
Mean 462.8
Std Dev 79.34
0
1
2
3
4
5
350
400
450
500
550
600
650
700
750
reg_asym_sam_37_avg.rms/ppm

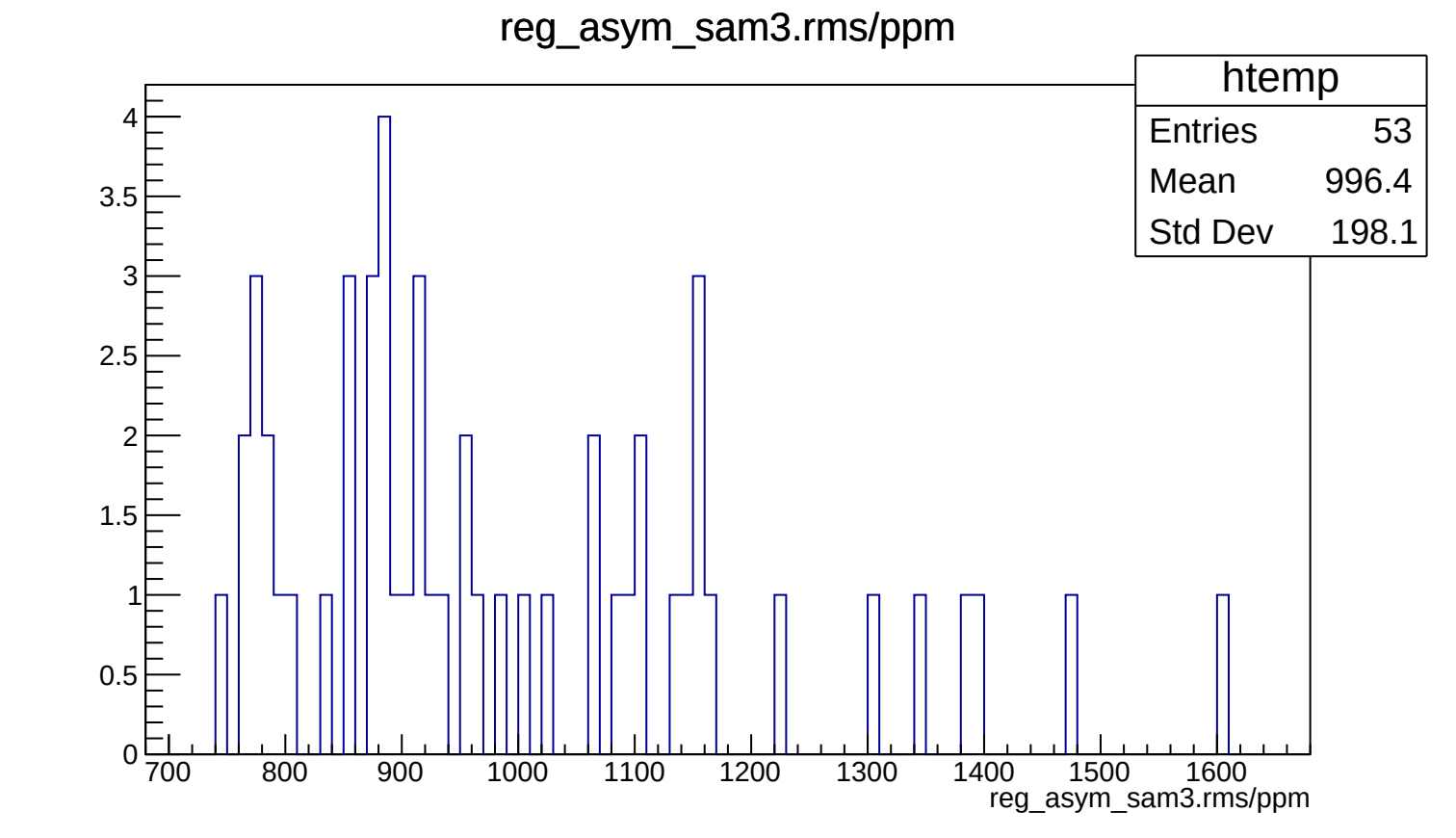

reg_asym_sam_37_avg.rms/ppm
750
700
650
600
550
500
450
400
350
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

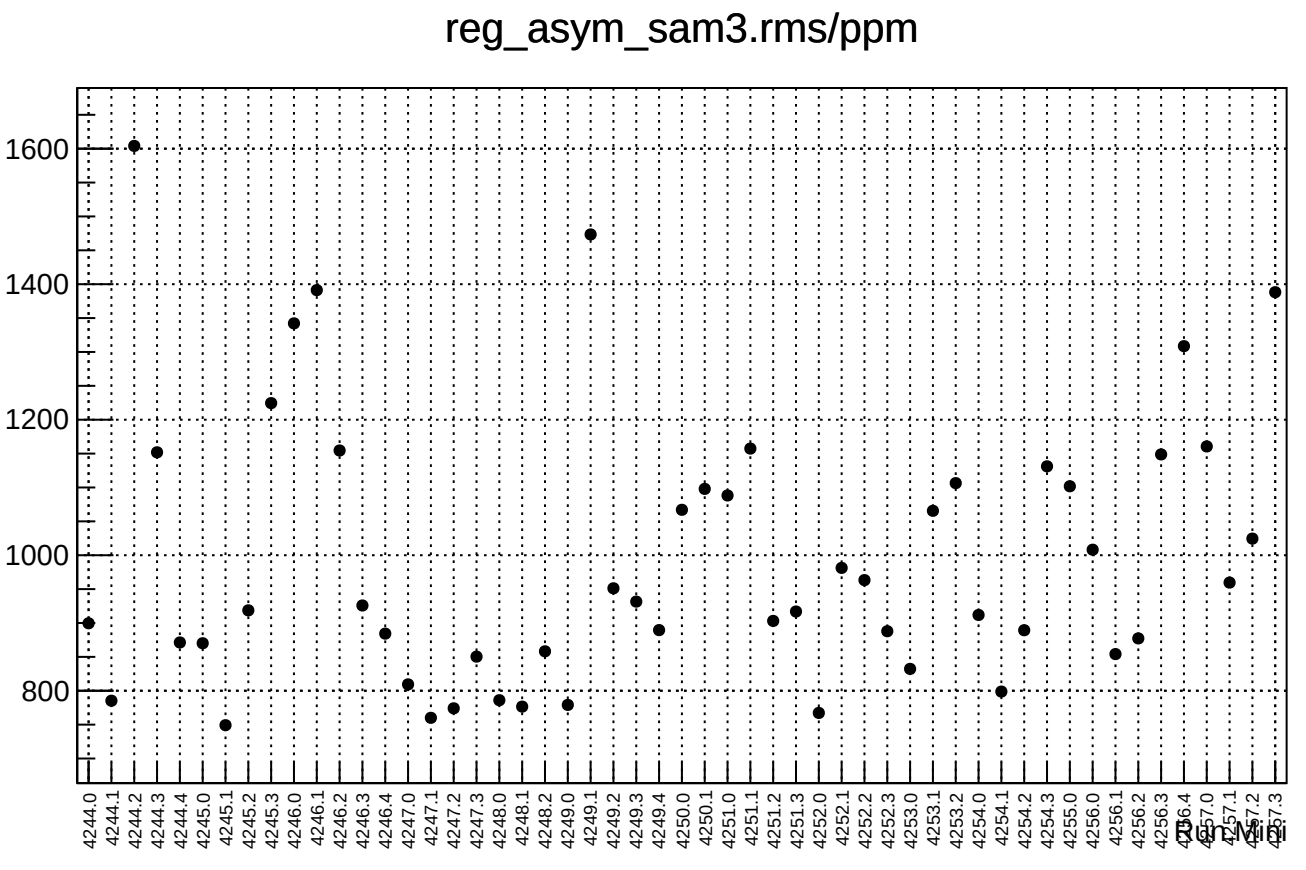

reg_asym_sam_37_dd.mean/ppb
χ² / ndf 29.48 / 52
p0 730.8 ± 736.1
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

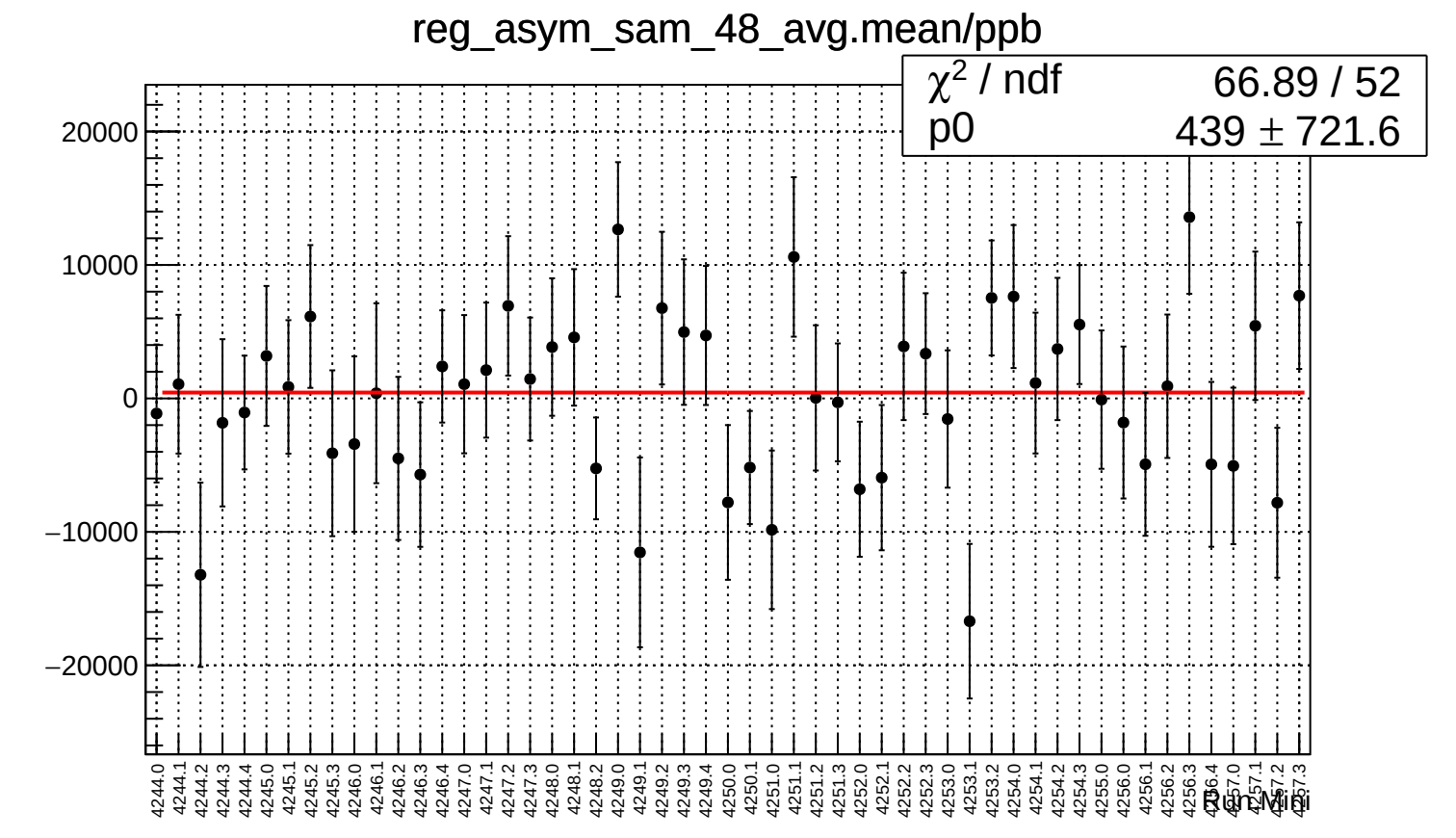

reg_asym_sam_37_dd.rms/ppm
htemp
Entries 53
Mean 567
Std Dev 116.1
0
0.5
1
1.5
2
2.5
3
3.5
4
400
500
600
700
800
900
reg_asym_sam_37_dd.rms/ppm

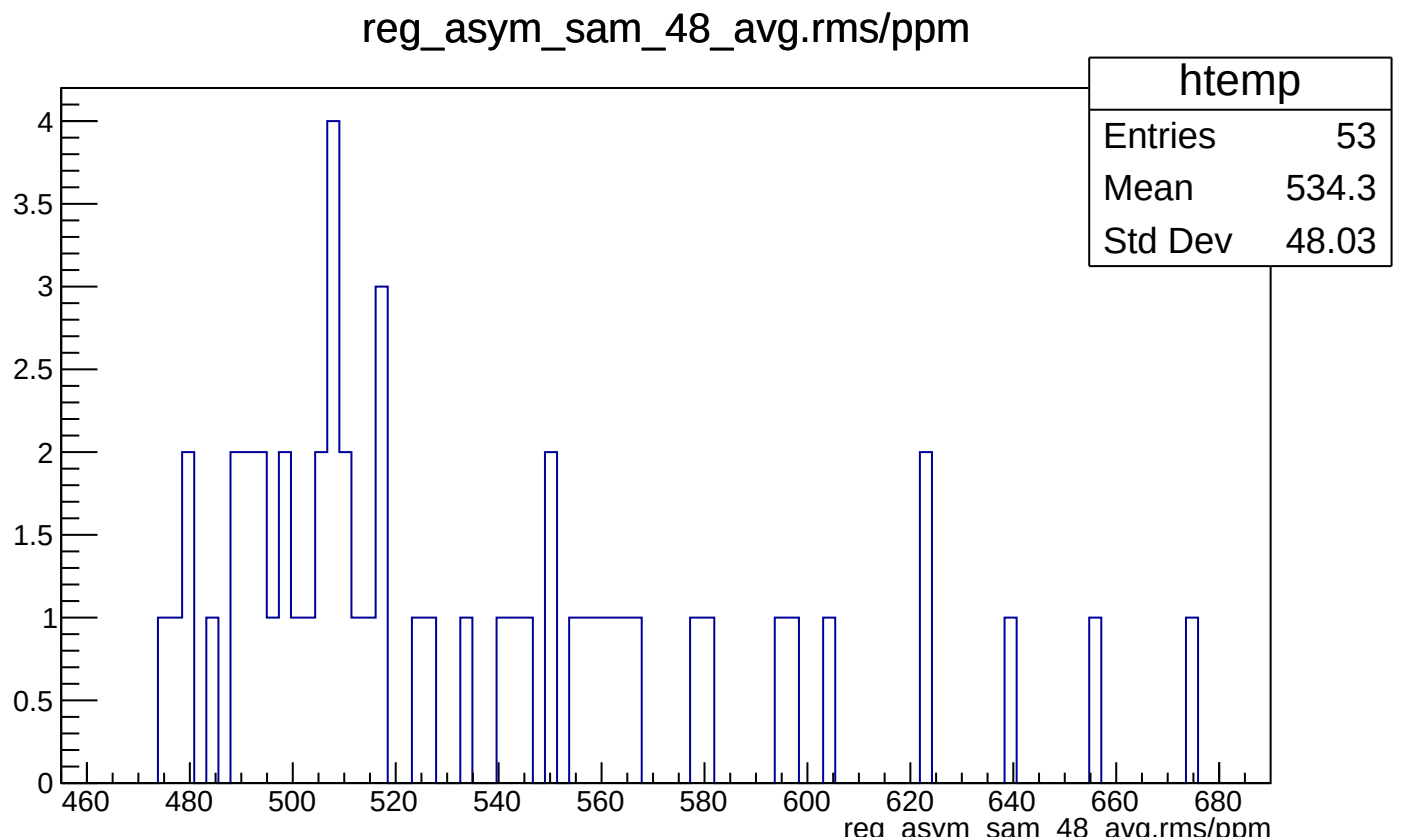

reg_asym_sam_37_dd.rms/ppm
900
800
700
600
500
400
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

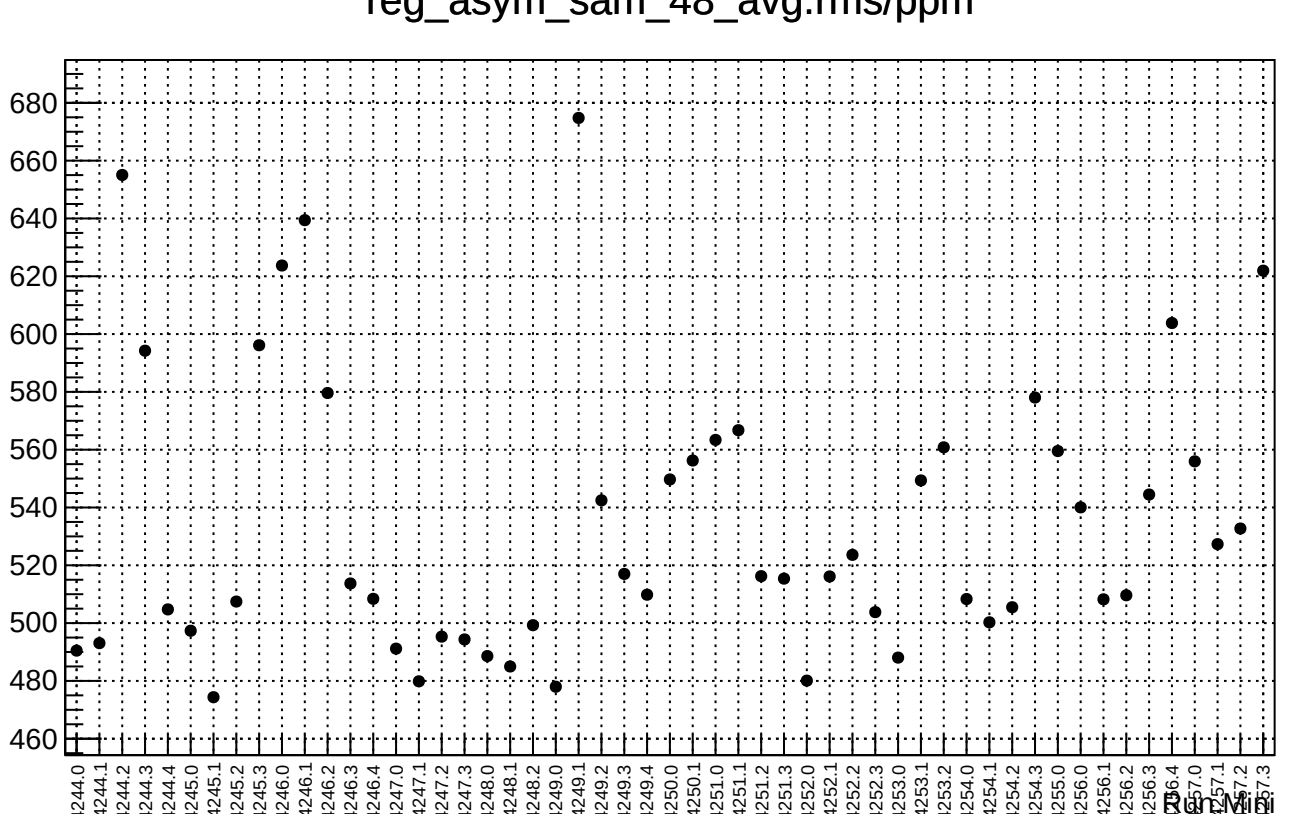

reg_asym_sam3.mean/ppb
χ2 / ndf 27.01 / 52
p0 754 ± 1298
30000
20000
10000
0
−10000
−20000
−30000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

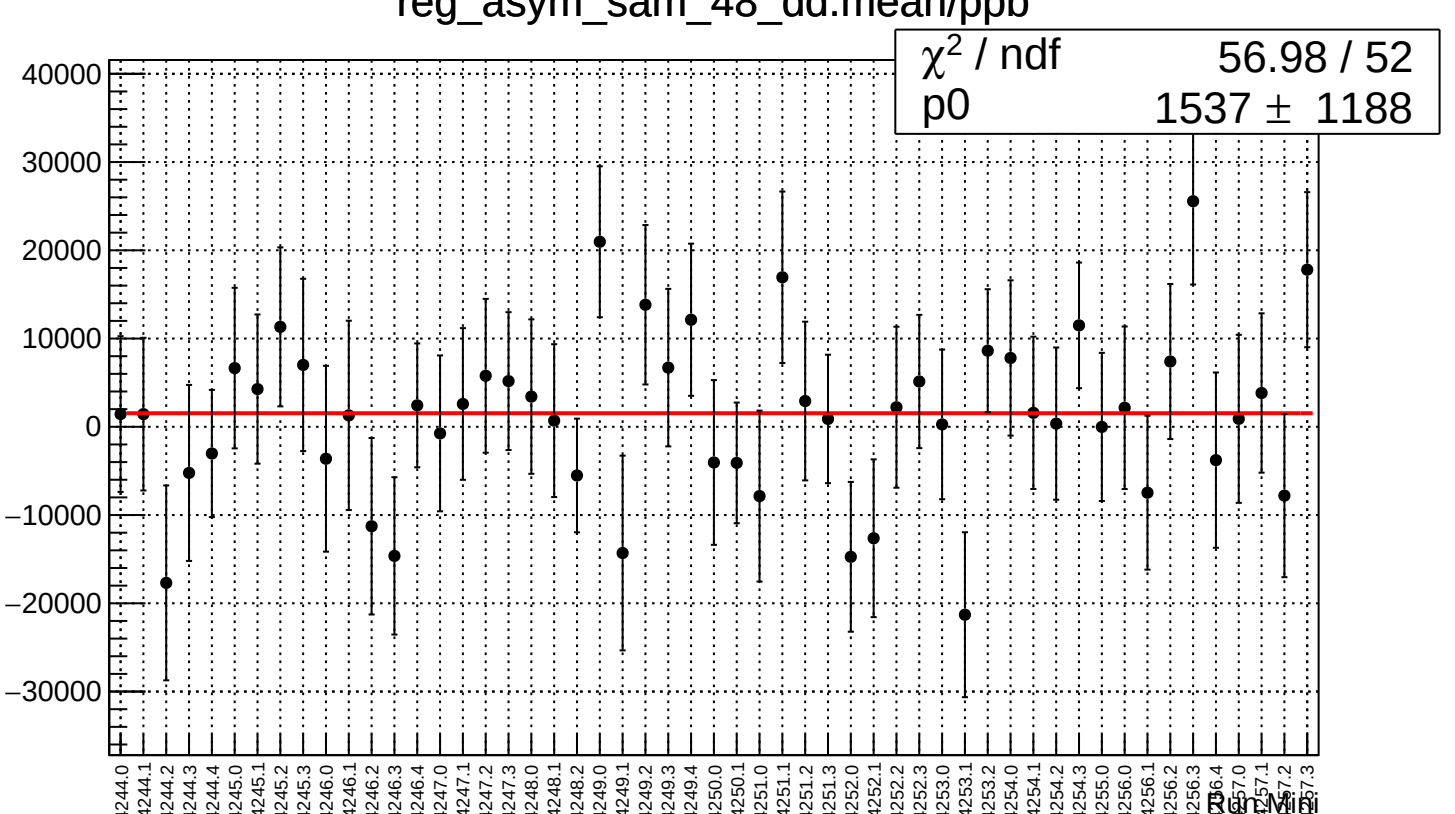

reg_asym_sam3.rms/ppm
htemp
Entries 53
Mean 996.4
Std Dev 198.1
0
0.5
1
1.5
2
2.5
3
3.5
4
700
800
900
1000
1100
1200
1300
1400
1500
1600
reg_asym_sam3.rms/ppm

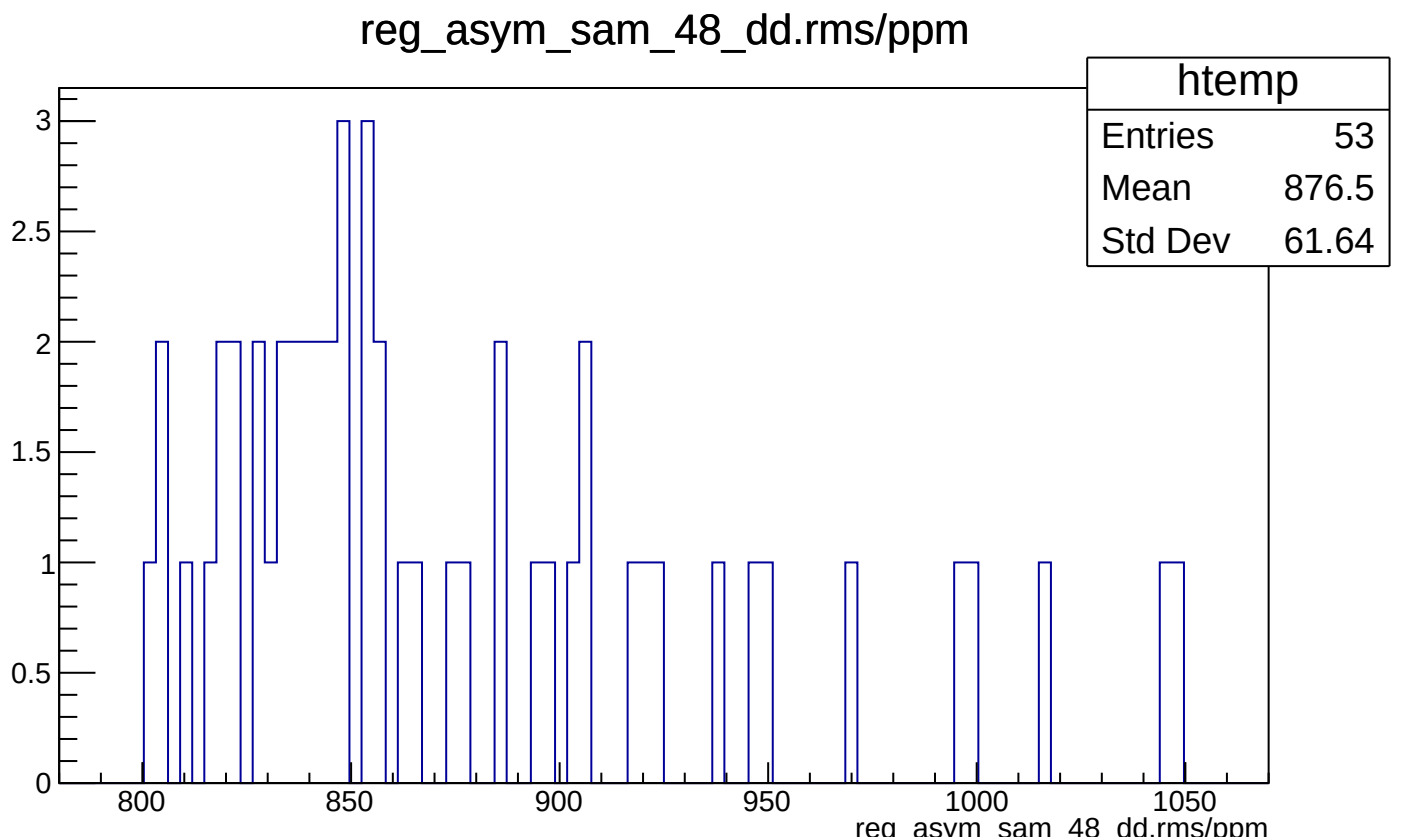

reg_asym_sam3.rms/ppm
1600
1400
1200
1000
800
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

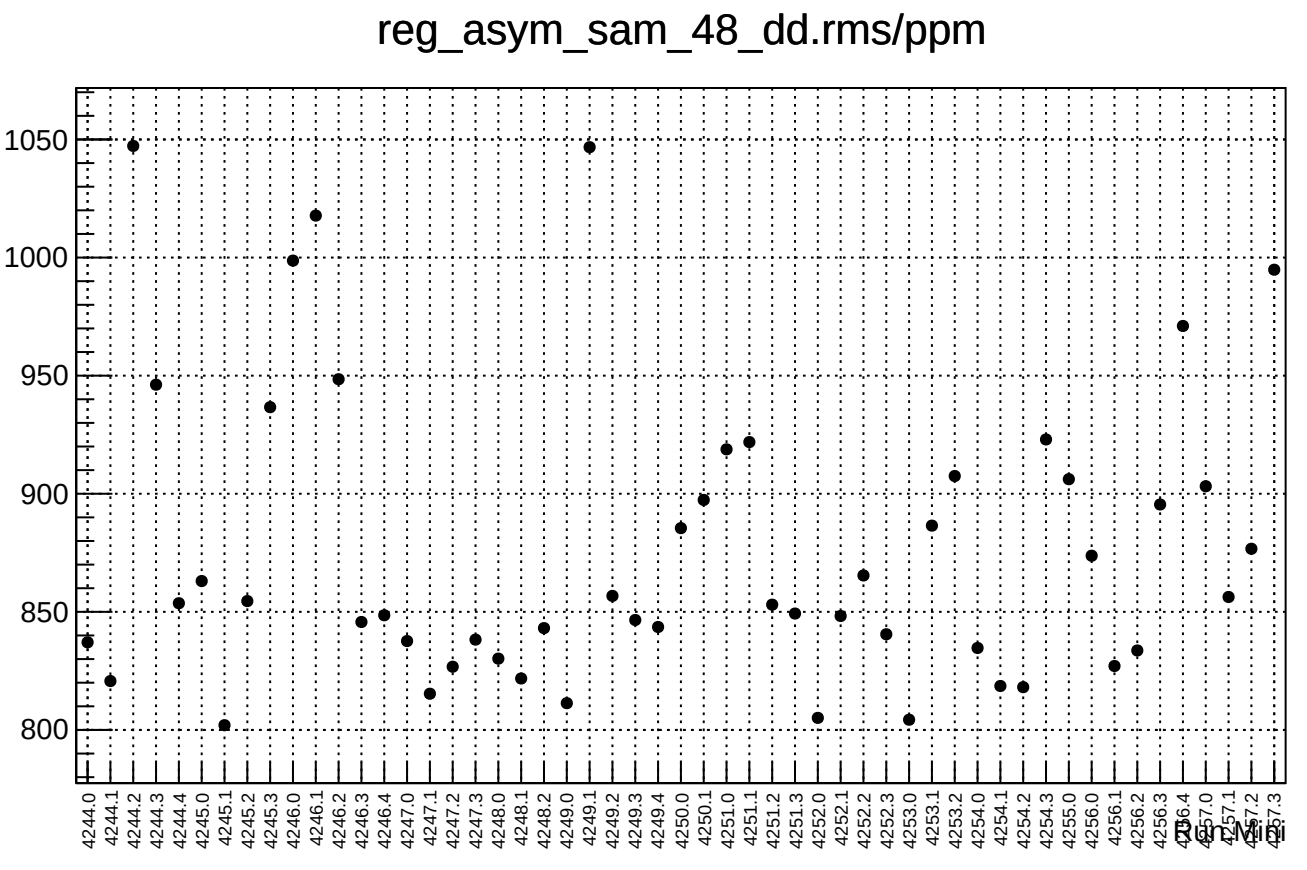

reg_asym_sam_48_avg.mean/ppb
χ² / ndf 66.89 / 52
p0 439 ± 721.6
20000
10000
0
−10000
−20000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

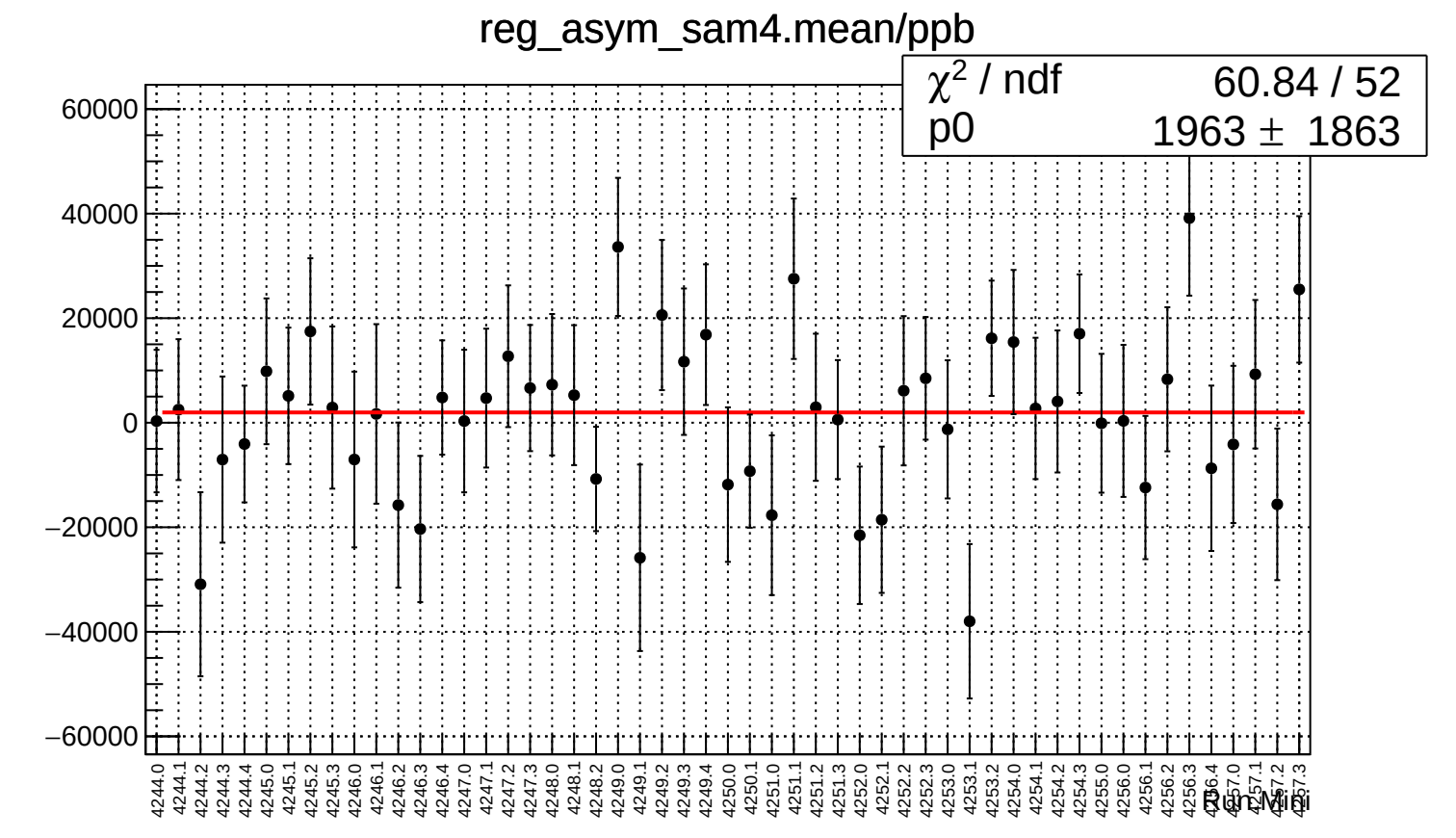

reg_asym_sam_48_avg.rms/ppm
htemp
Entries 53
Mean 534.3
Std Dev 48.03
0
0.5
1
1.5
2
2.5
3
3.5
4
460
480
500
520
540
560
580
600
620
640
660
680
reg_asym_sam_48_avg.rms/ppm

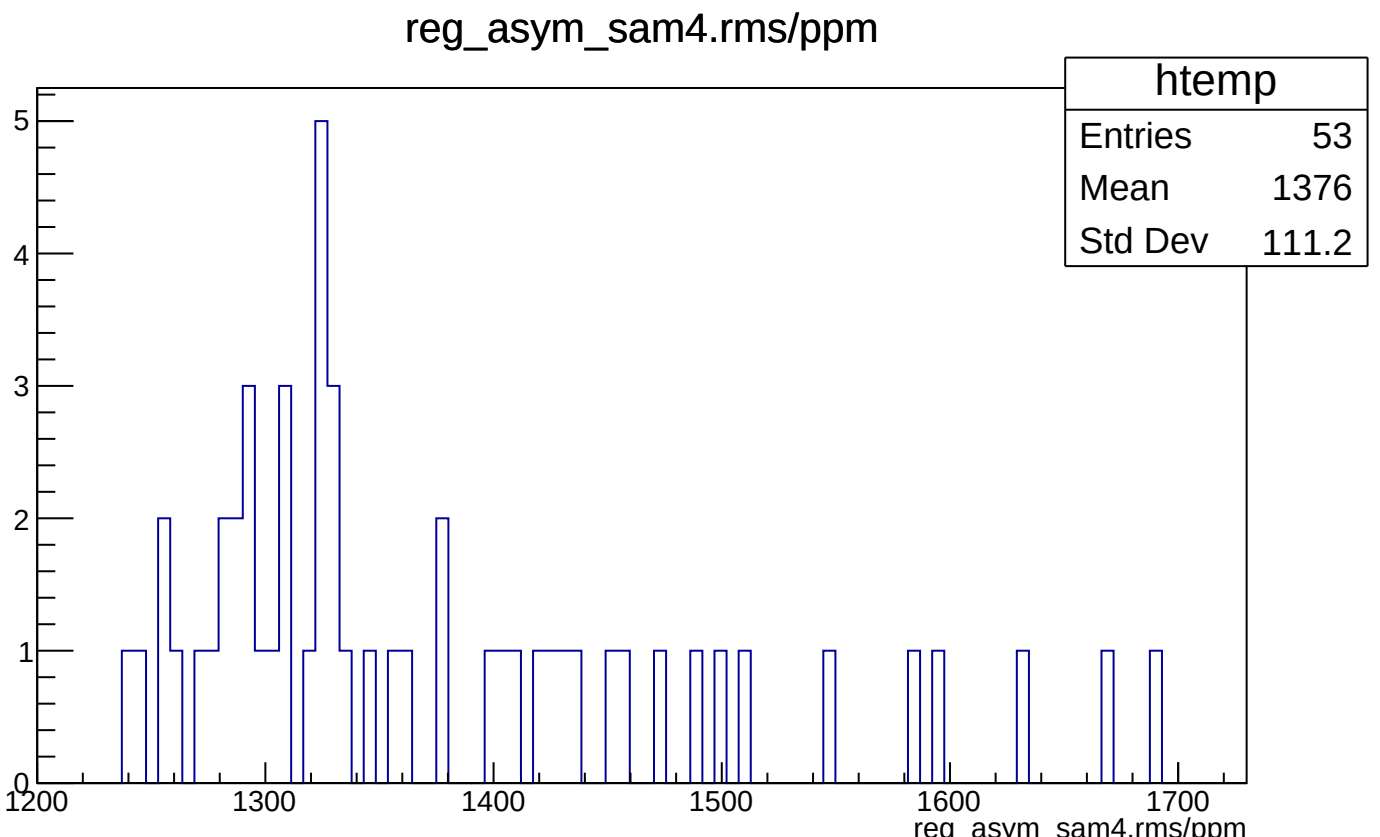

reg_asym_sam_48_avg.rms/ppm
680
660
640
620
600
580
560
540
520
500
480
460
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

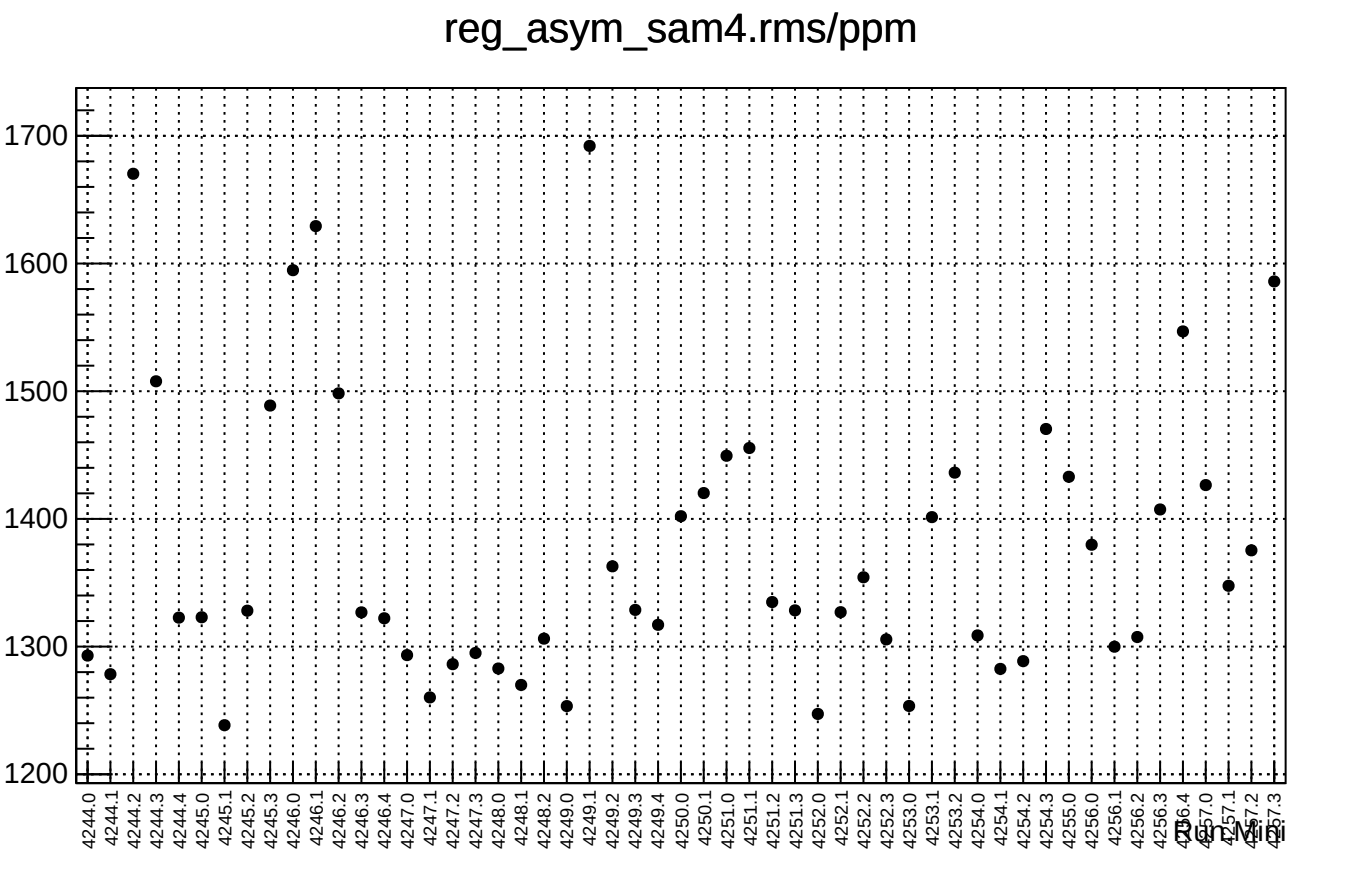

reg_asym_sam_48_dd.mean/ppb
χ² / ndf 56.98 / 52
p0 1537 ± 1188
40000
30000
20000
10000
0
−10000
−20000
−30000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

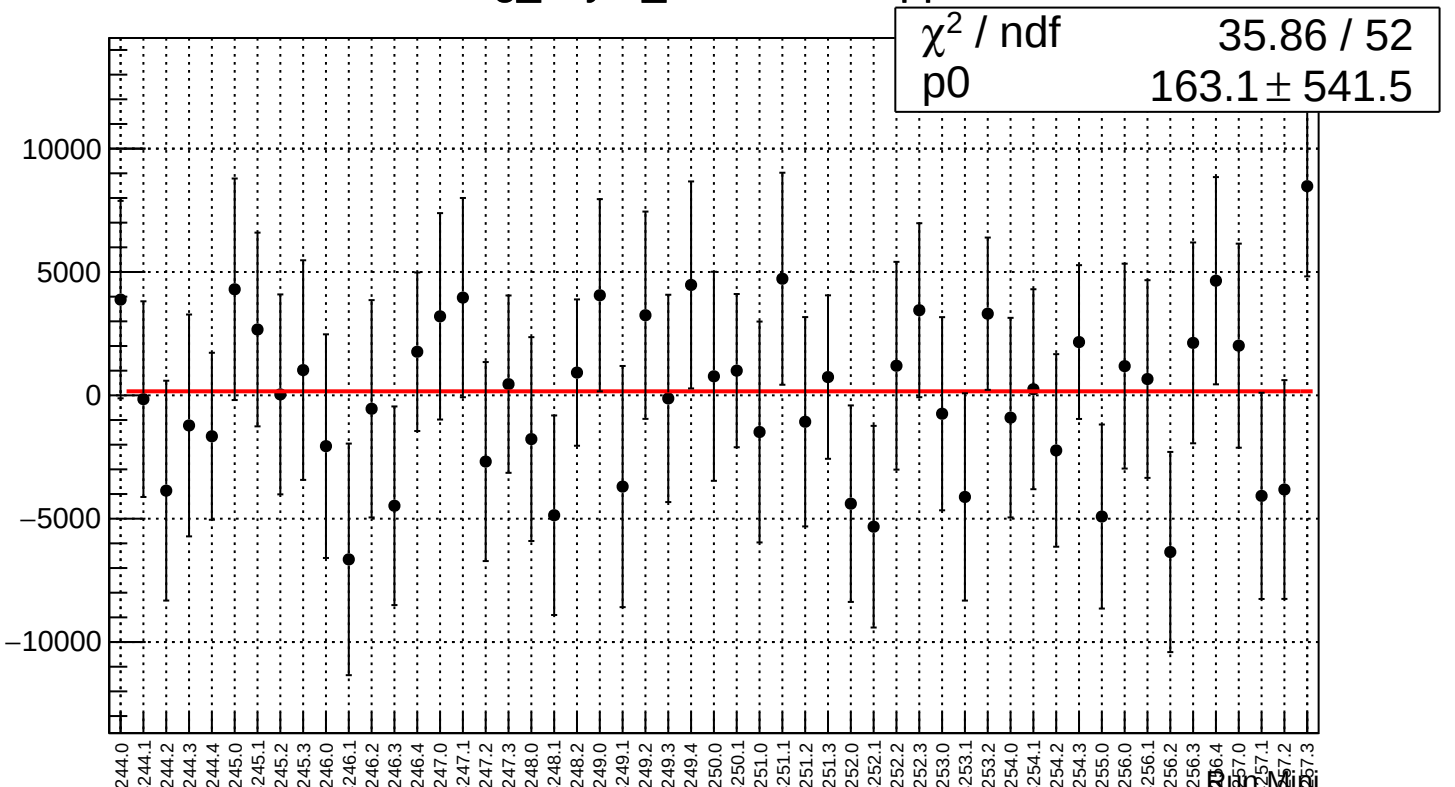

reg_asym_sam_48_dd.rms/ppm
htemp
Entries 53
Mean 876.5
Std Dev 61.64
3
2.5
2
1.5
1
0.5
0
800
850
900
950
1000
1050
reg_asym_sam_48_dd.rms/ppm

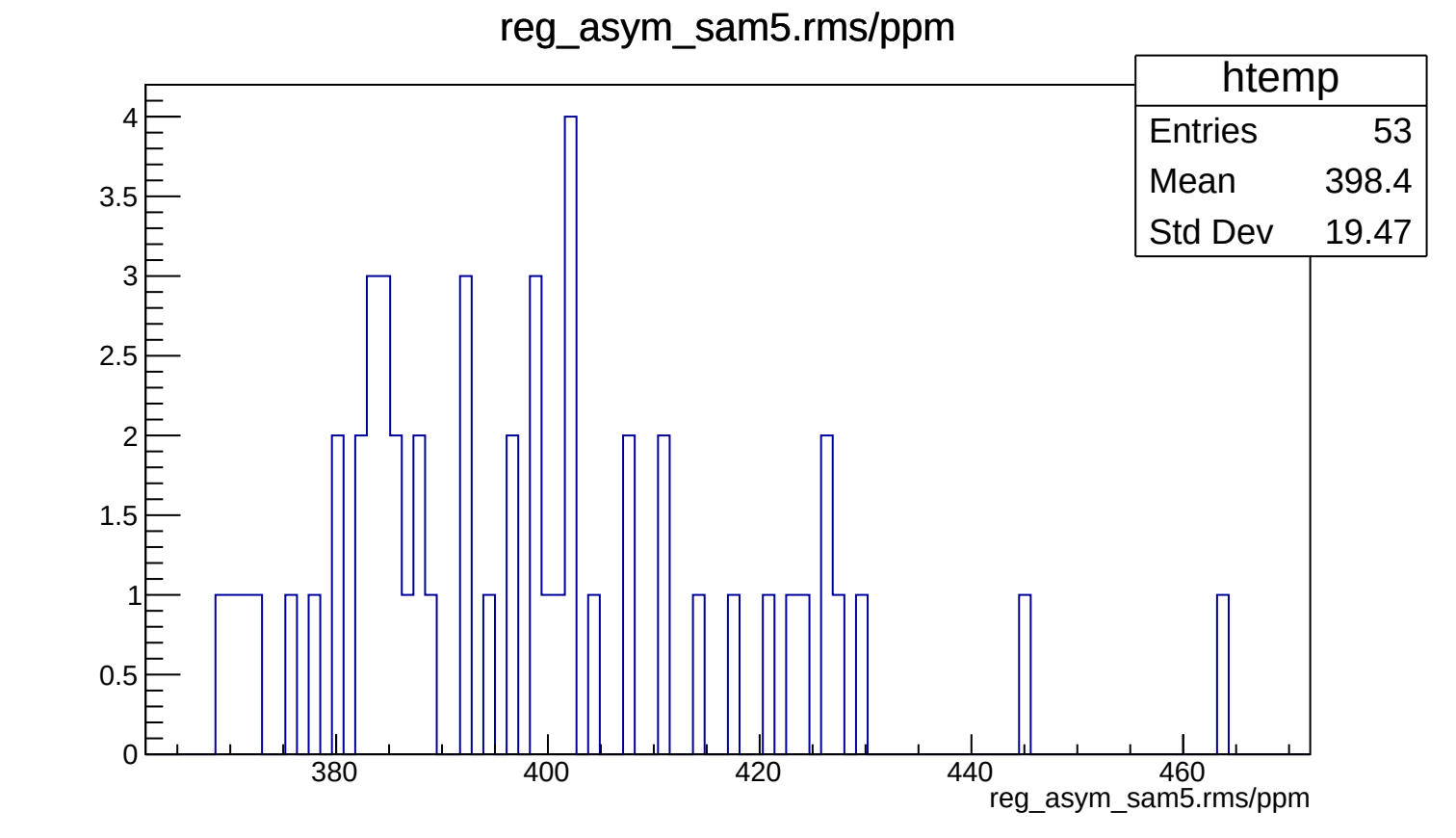

reg_asym_sam_48_dd.rms/ppm
1050
1000
950
900
850
800
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

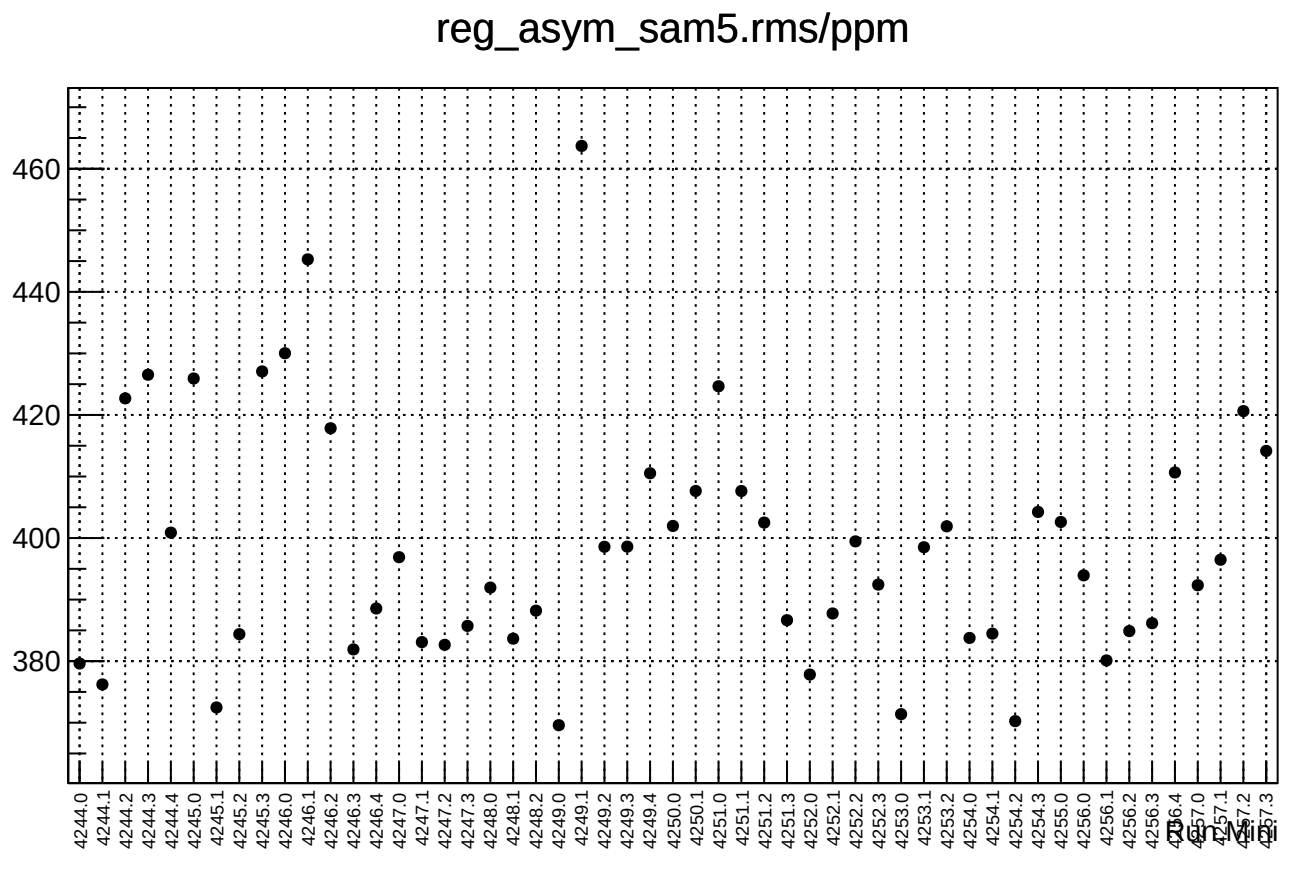

reg_asym_sam4.mean/ppb
χ² / ndf 60.84 / 52
p0 1963 ± 1863
60000
40000
20000
0
−20000
−40000
−60000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

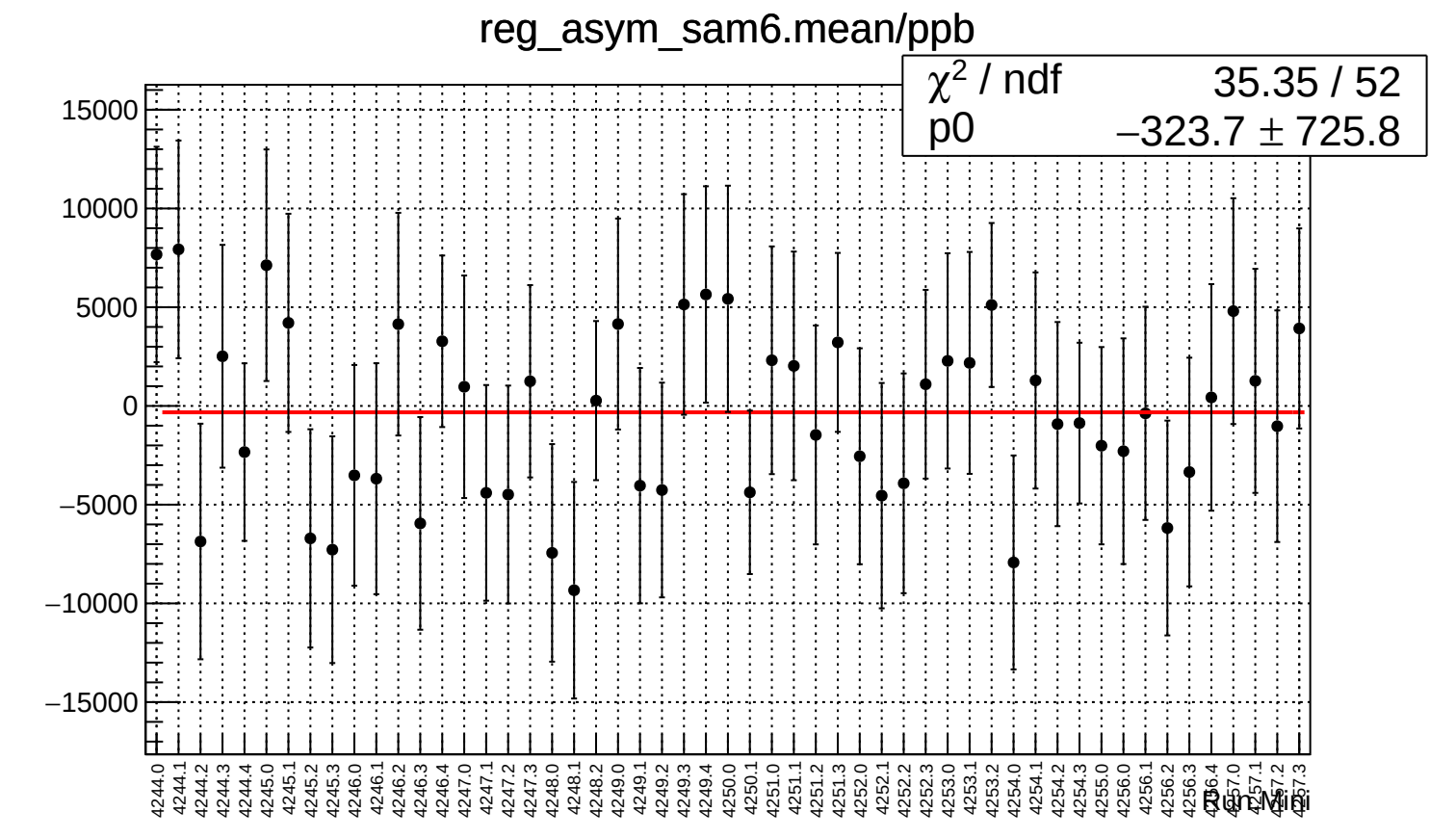

reg_asym_sam4.rms/ppm
htemp
Entries 53
Mean 1376
Std Dev 111.2
0
1
2
3
4
5
1200
1300
1400
1500
1600
1700
reg_asym_sam4.rms/ppm

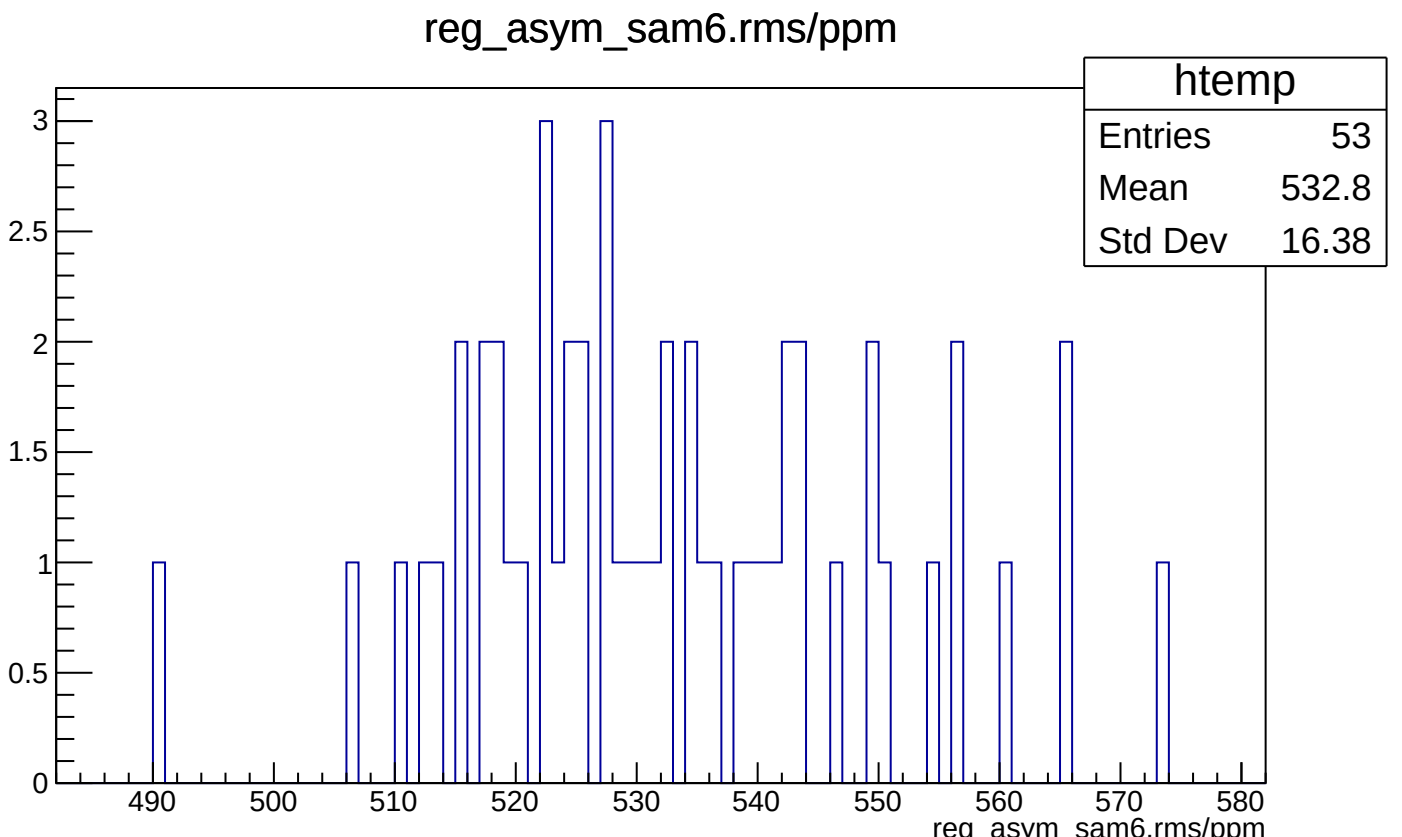

reg_asym_sam4.rms/ppm
1700
1600
1500
1400
1300
1200
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

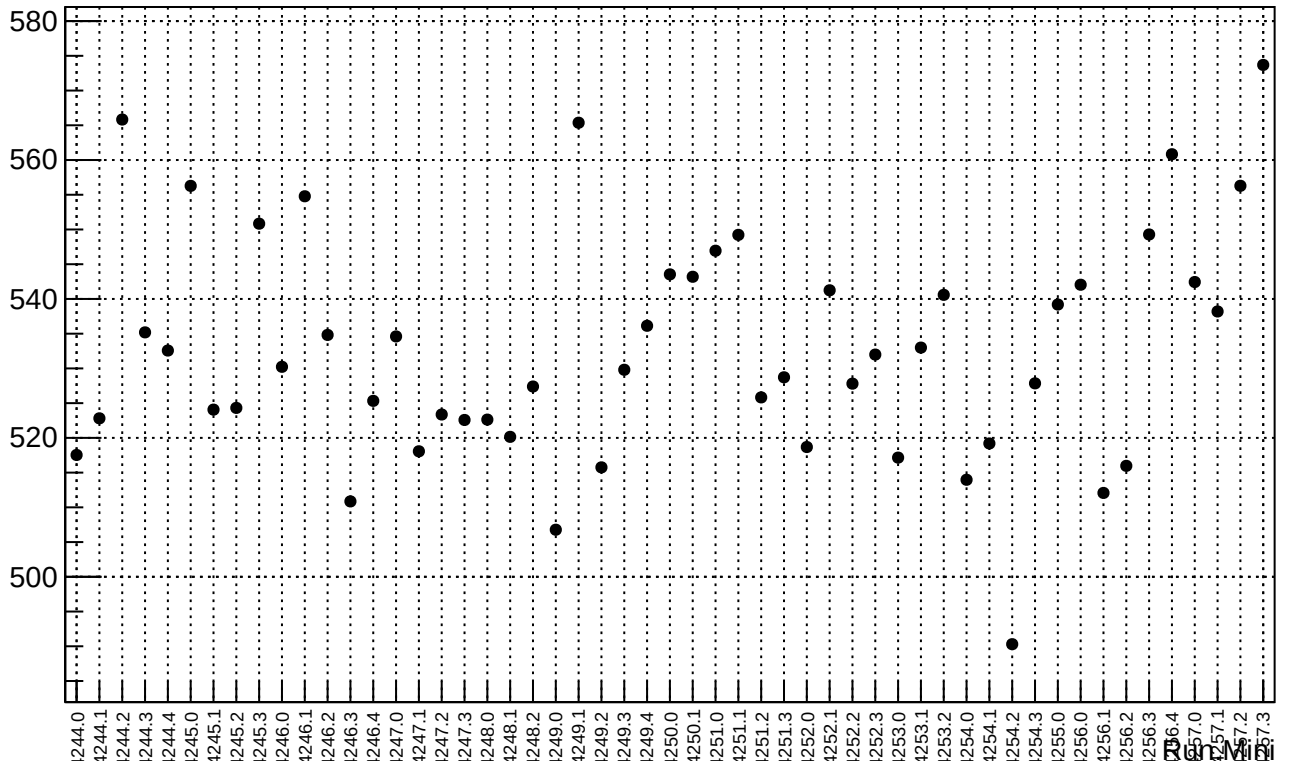

reg_asym_sam5.mean/ppb
χ² / ndf 35.86 / 52
p0 163.1 ± 541.5
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

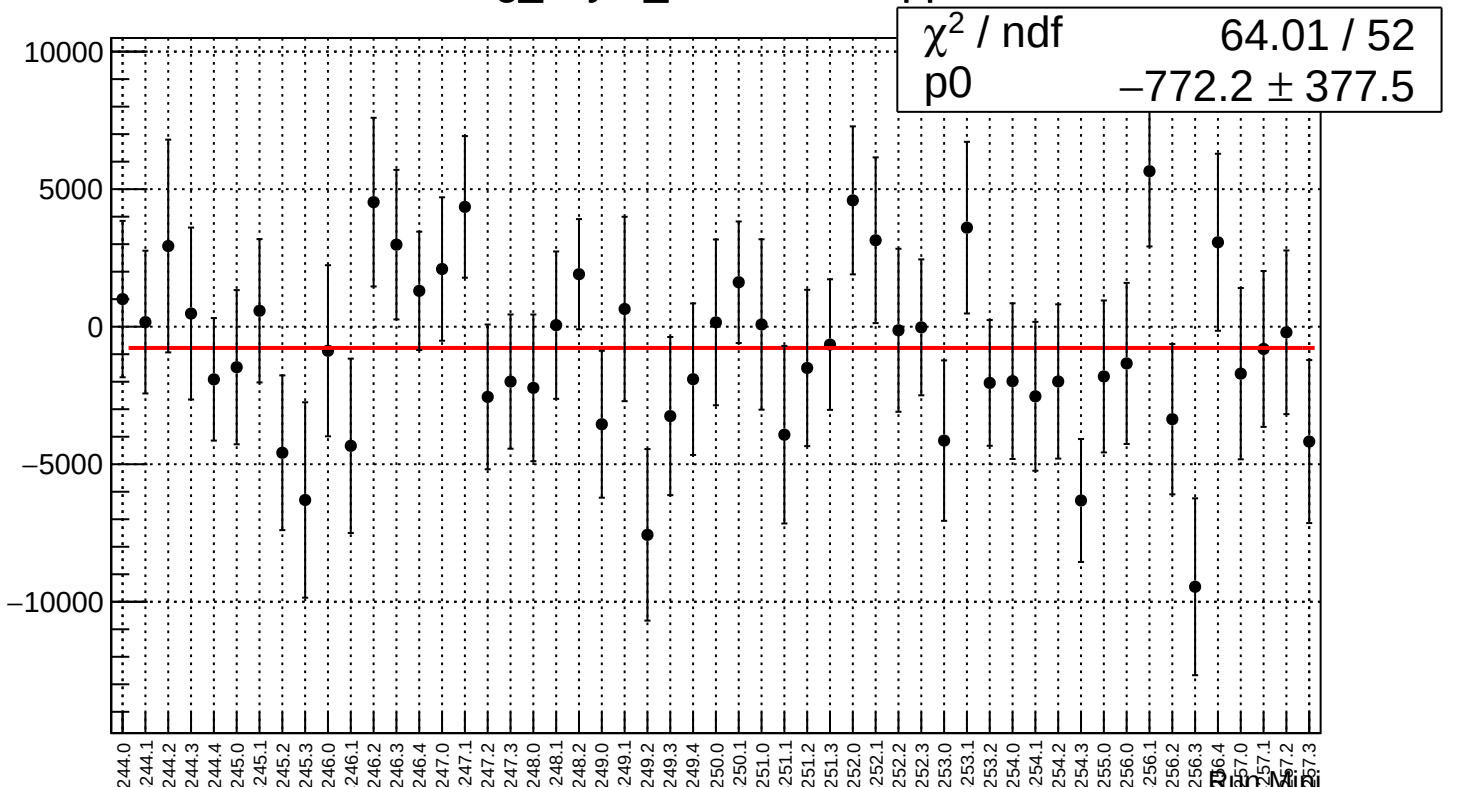

reg_asym_sam5.rms/ppm
htemp
Entries 53
Mean 398.4
Std Dev 19.47
0
0.5
1
1.5
2
2.5
3
3.5
4
380
400
420
440
460
reg_asym_sam5.rms/ppm

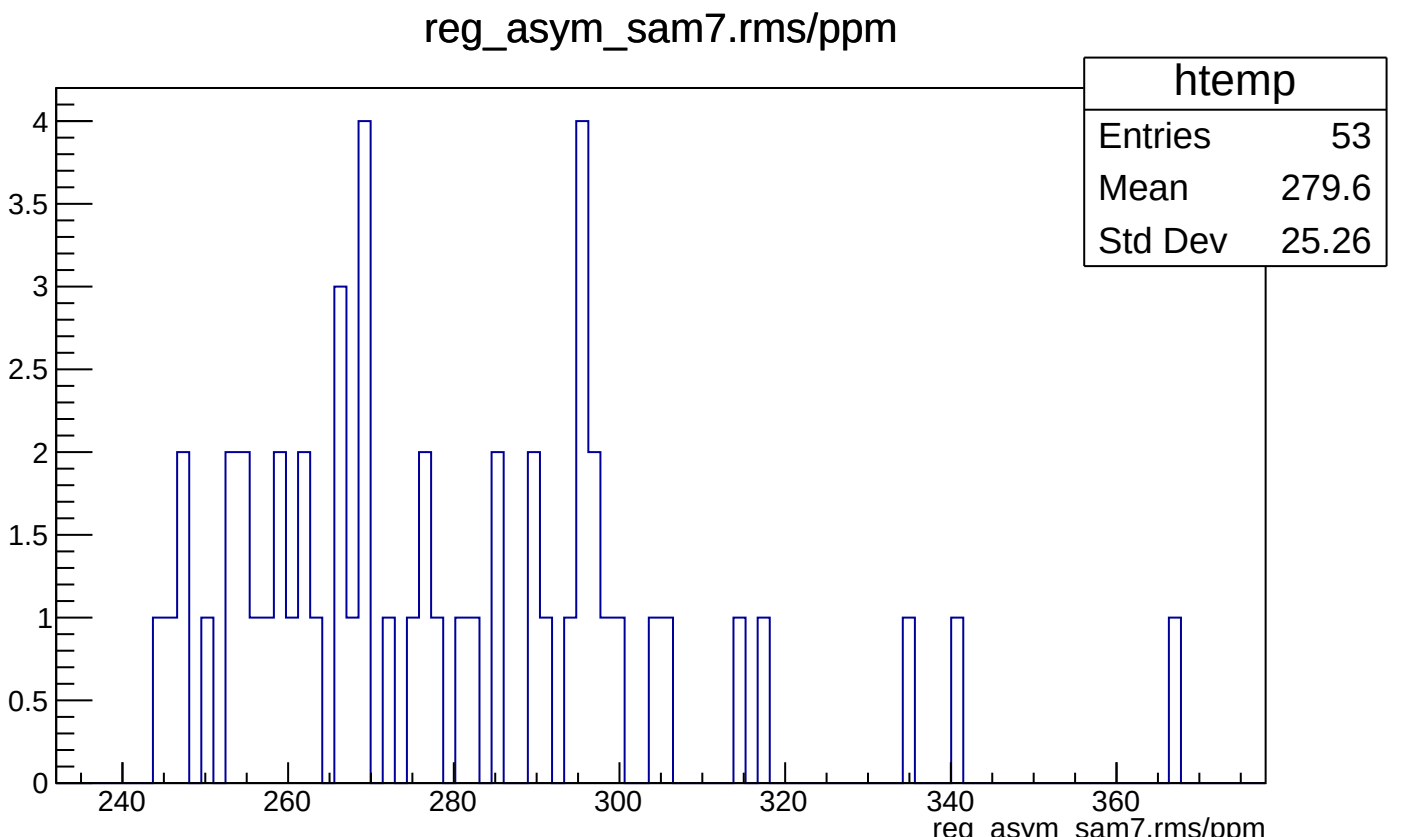

reg_asym_sam5.rms/ppm
460
440
420
400
380
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

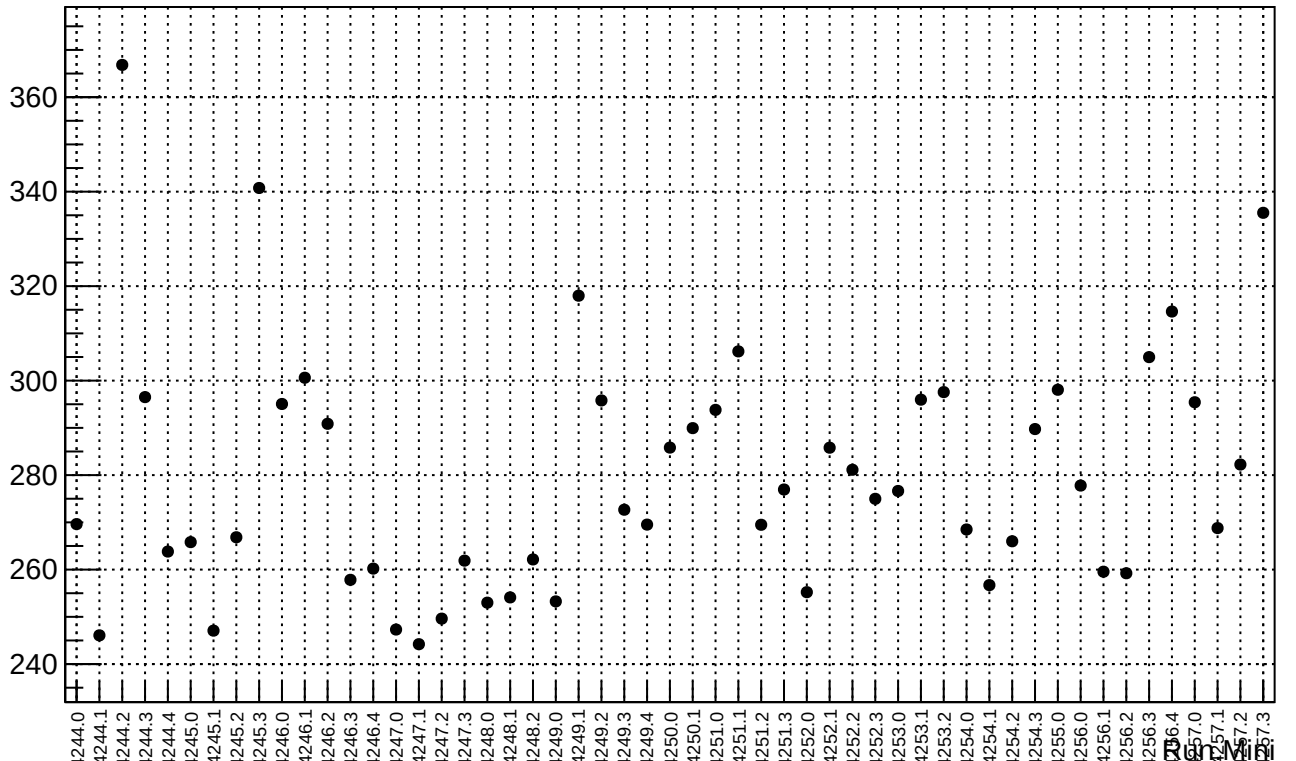

reg_asym_sam6.mean/ppb
χ² / ndf 35.35 / 52
p0 –323.7 ± 725.8
15000
10000
5000
0
–5000
–10000
–15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

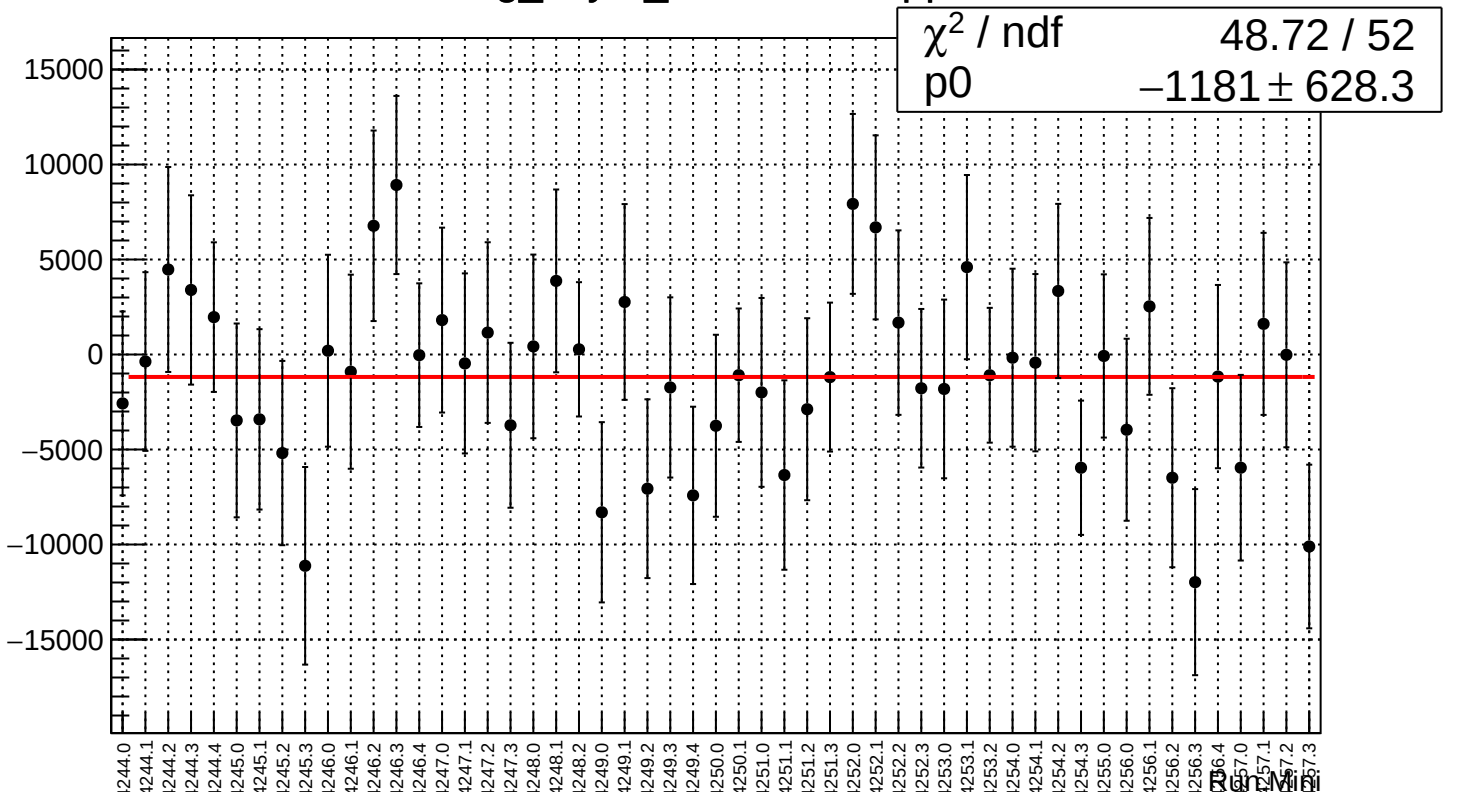

reg_asym_sam6.rms/ppm
htemp
Entries 53
Mean 532.8
Std Dev 16.38
3
2.5
2
1.5
1
0.5
0
490
500
510
520
530
540
550
560
570
580
reg_asym_sam6.rms/ppm

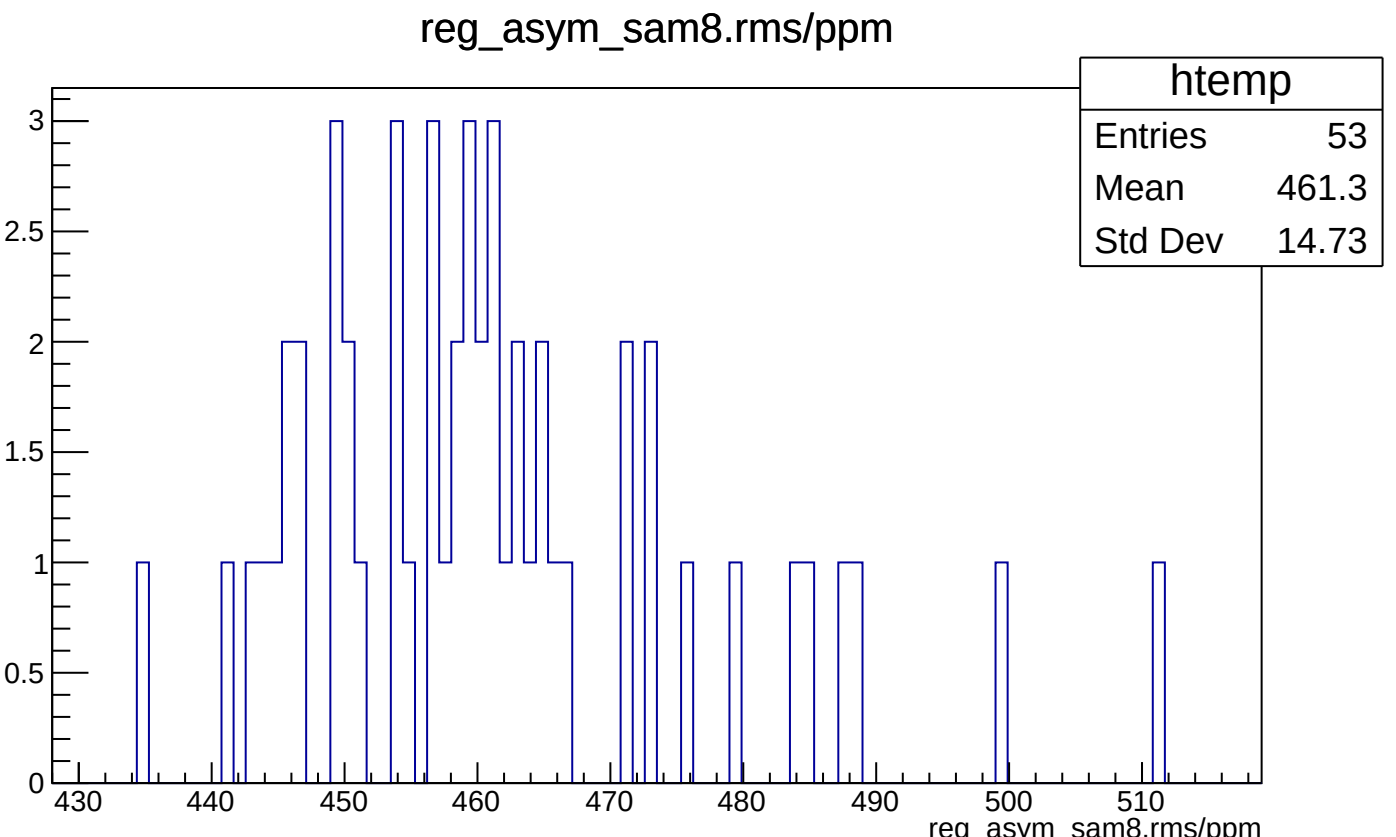

reg_asym_sam6.rms/ppm
580
560
540
520
500
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min

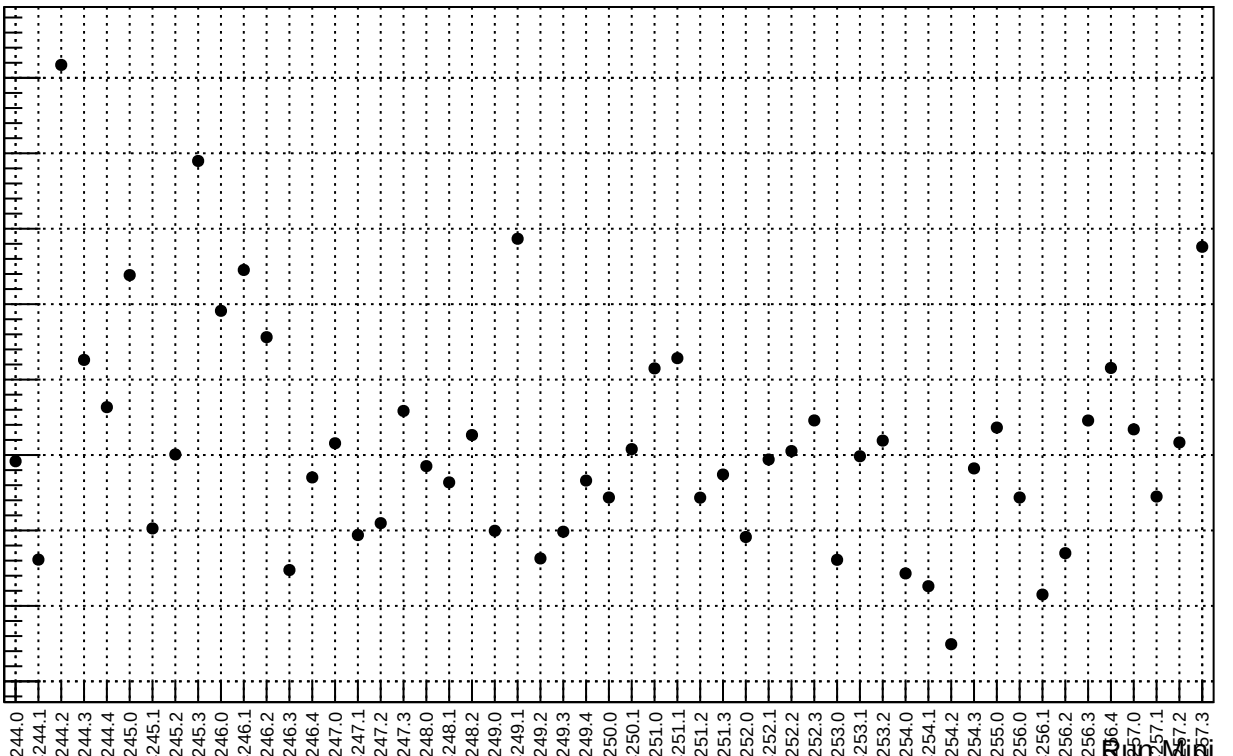

reg_asym_sam7.mean/ppb
χ² / ndf 64.01 / 52
p0 −772.2 ± 377.5
10000
5000
0
−5000
−10000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

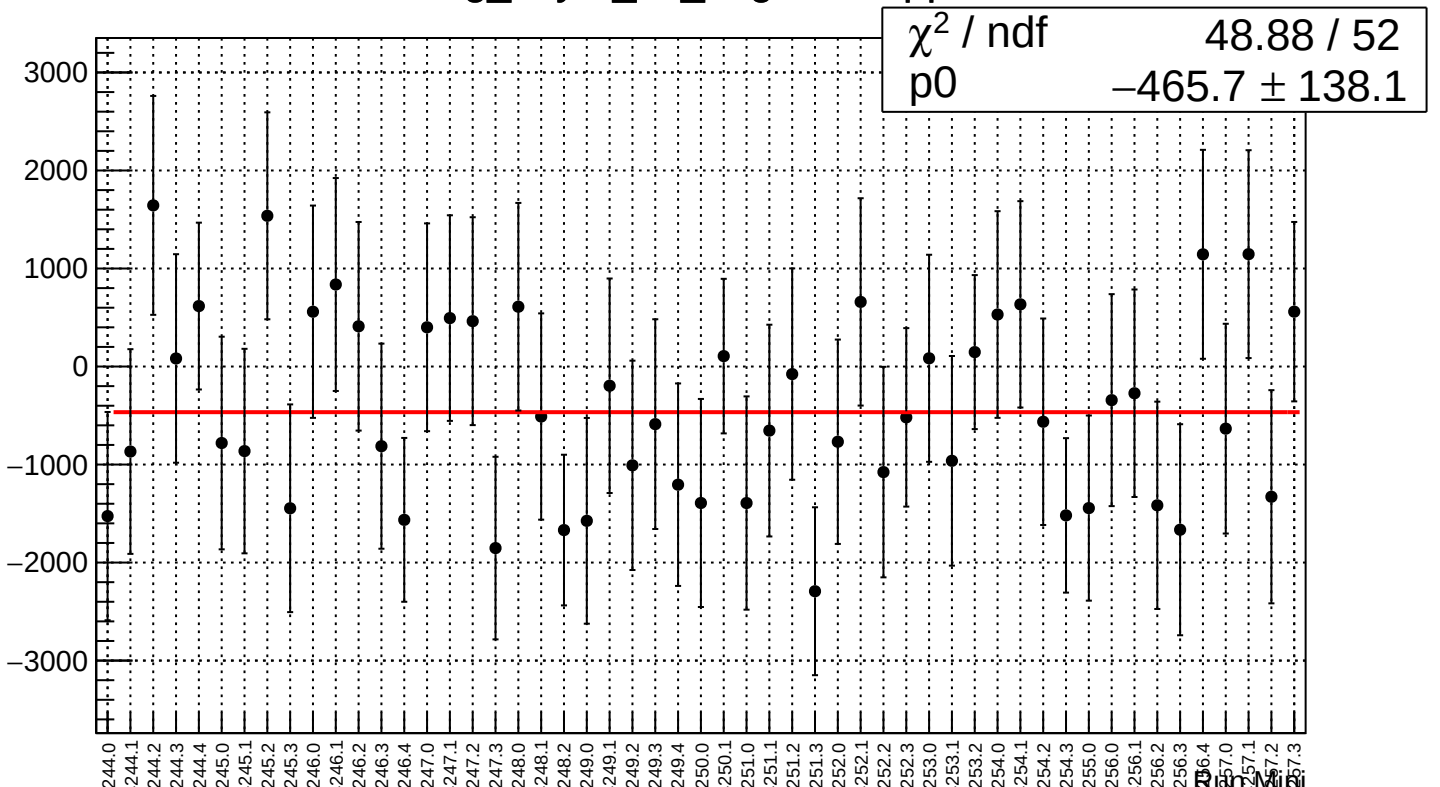

reg_asym_sam7.rms/ppm
htemp
Entries 53
Mean 279.6
Std Dev 25.26
0
0.5
1
1.5
2
2.5
3
3.5
4
240
260
280
300
320
340
360
reg_asym_sam7.rms/ppm

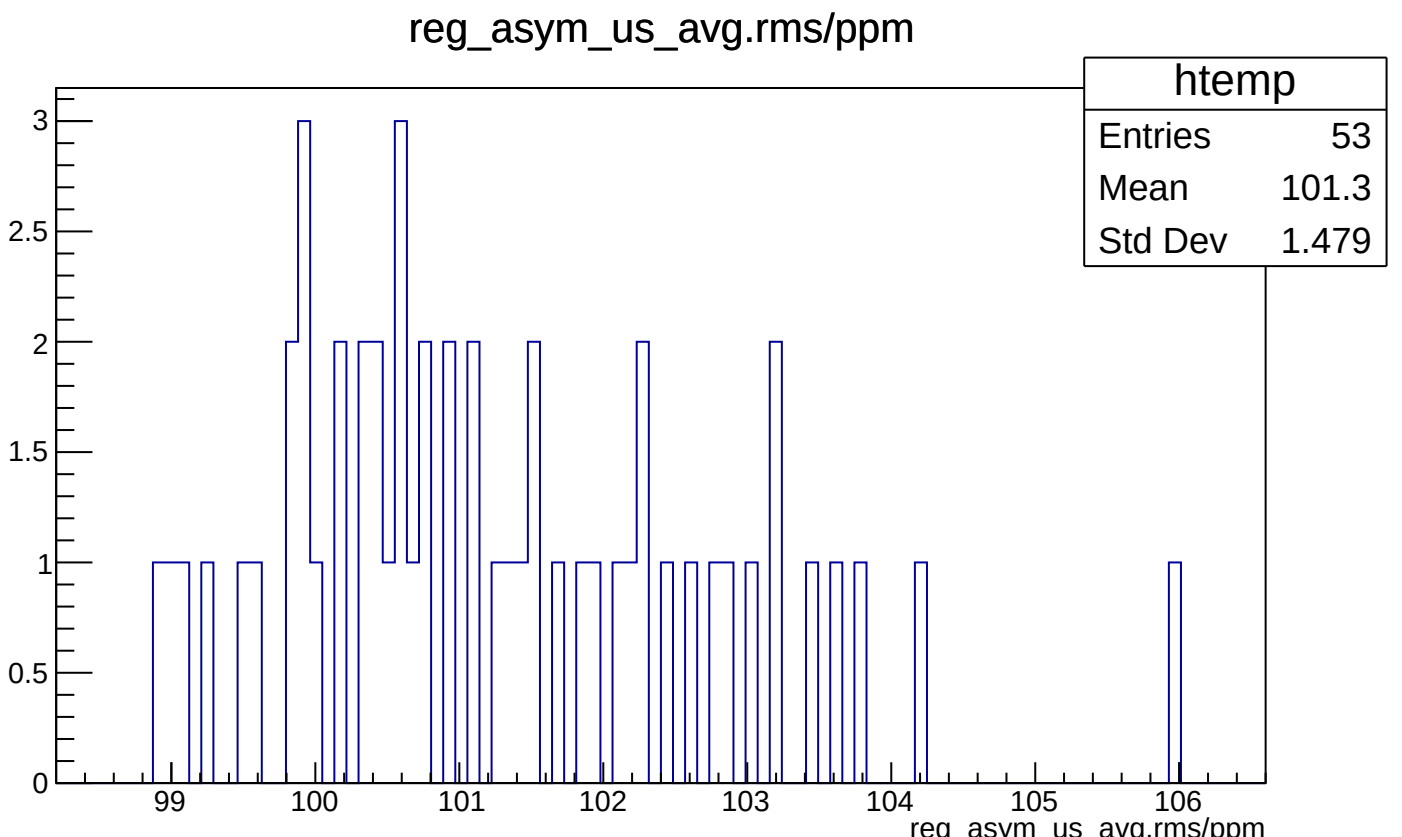

reg_asym_sam7.rms/ppm
360
340
320
300
280
260
240
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

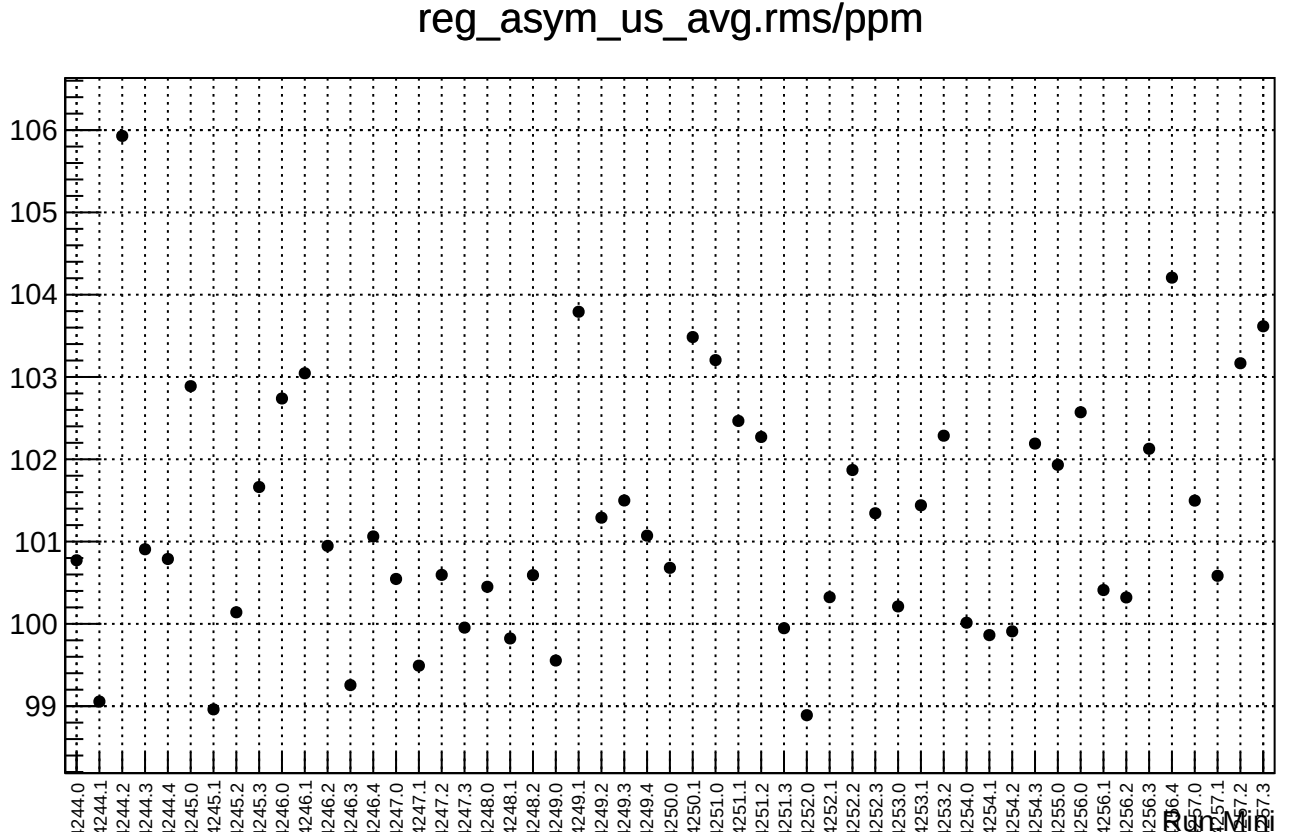

reg_asym_sam8.mean/ppb
χ² / ndf 48.72 / 52
p0 −1181 ± 628.3
15000
10000
5000
0
−5000
−10000
−15000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

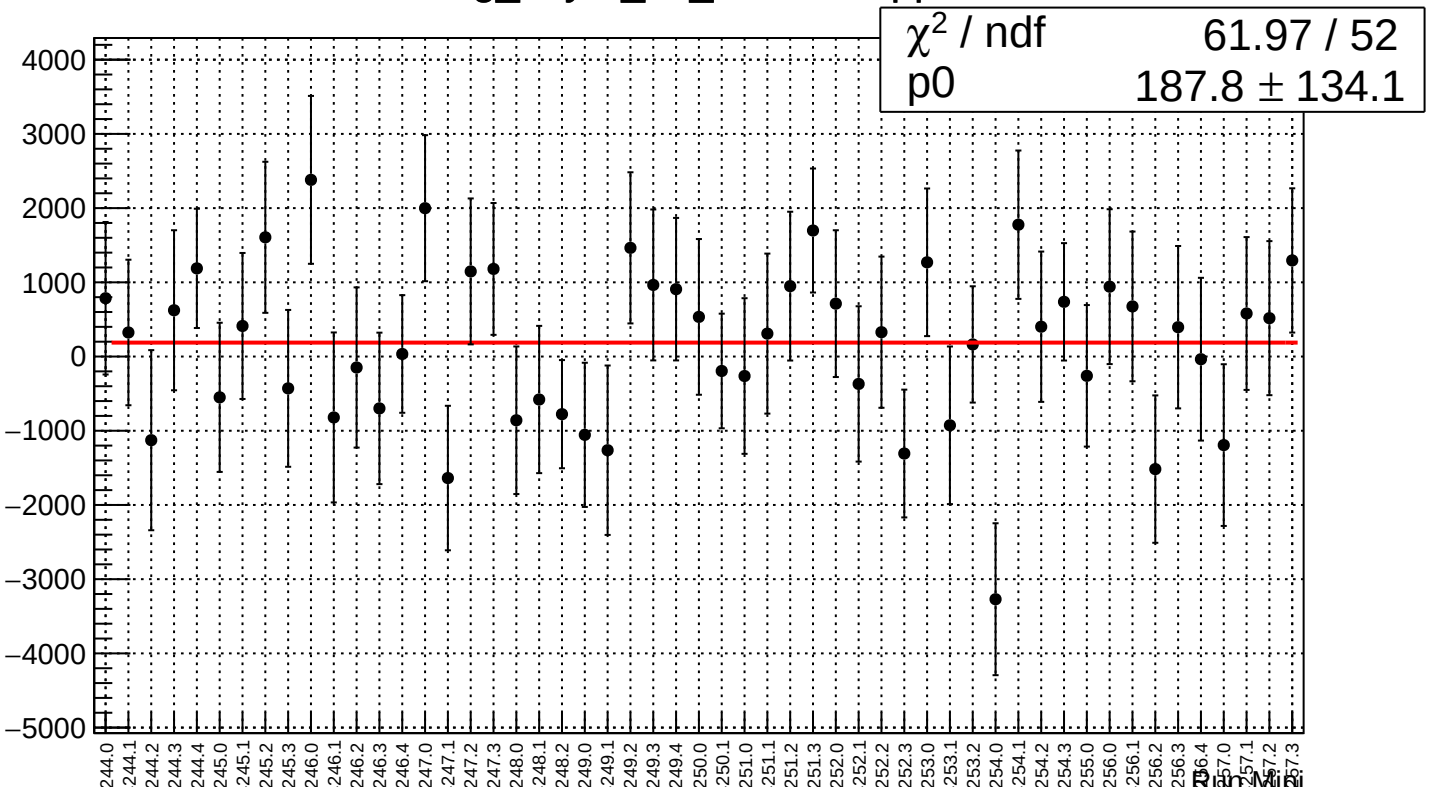

reg_asym_sam8.rms/ppm
htemp
Entries 53
Mean 461.3
Std Dev 14.73
3
2.5
2
1.5
1
0.5
0
430
440
450
460
470
480
490
500
510
reg_asym_sam8.rms/ppm

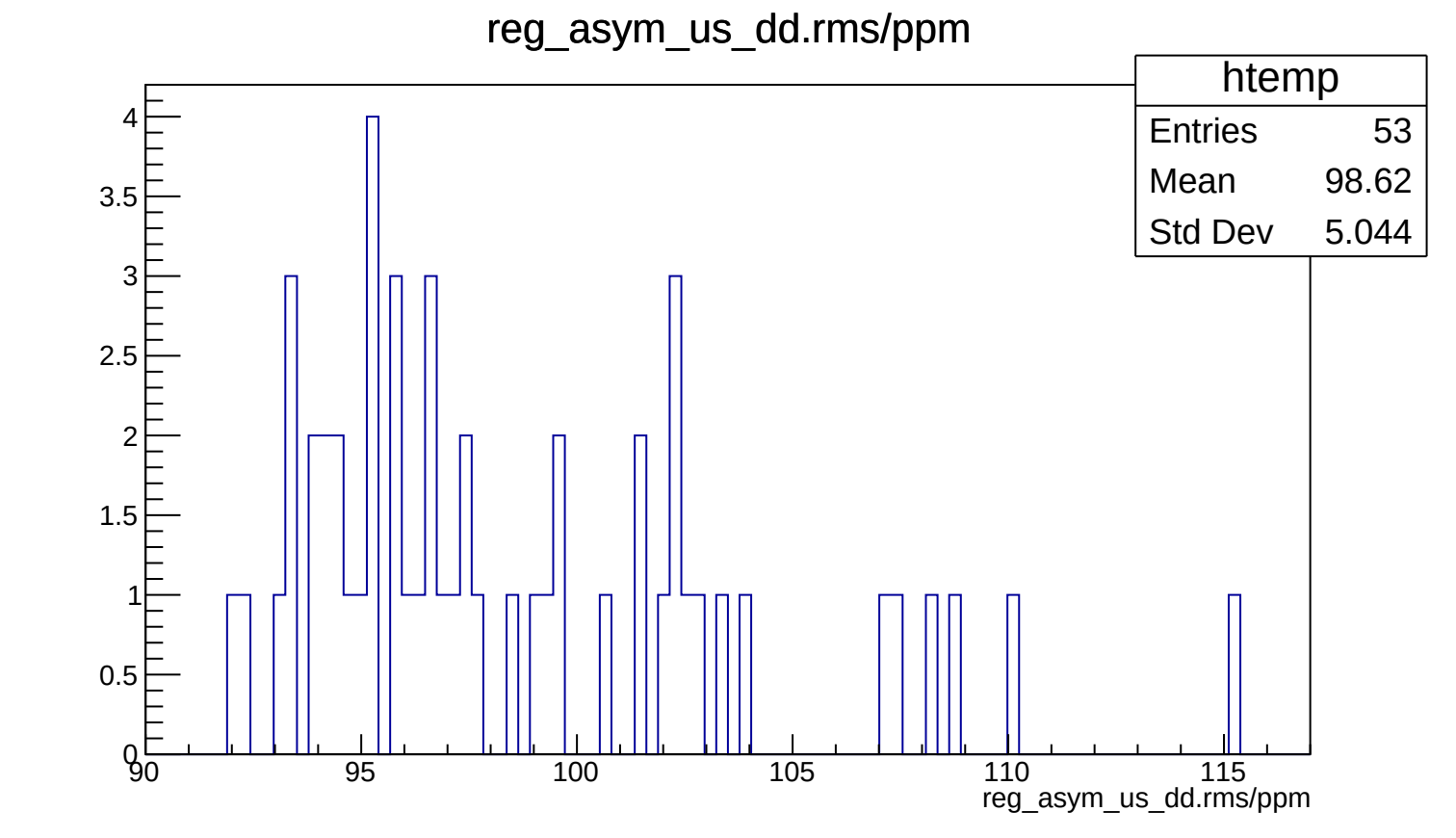

reg_asym_sam8.rms/ppm
510
500
490
480
470
460
450
440
430
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

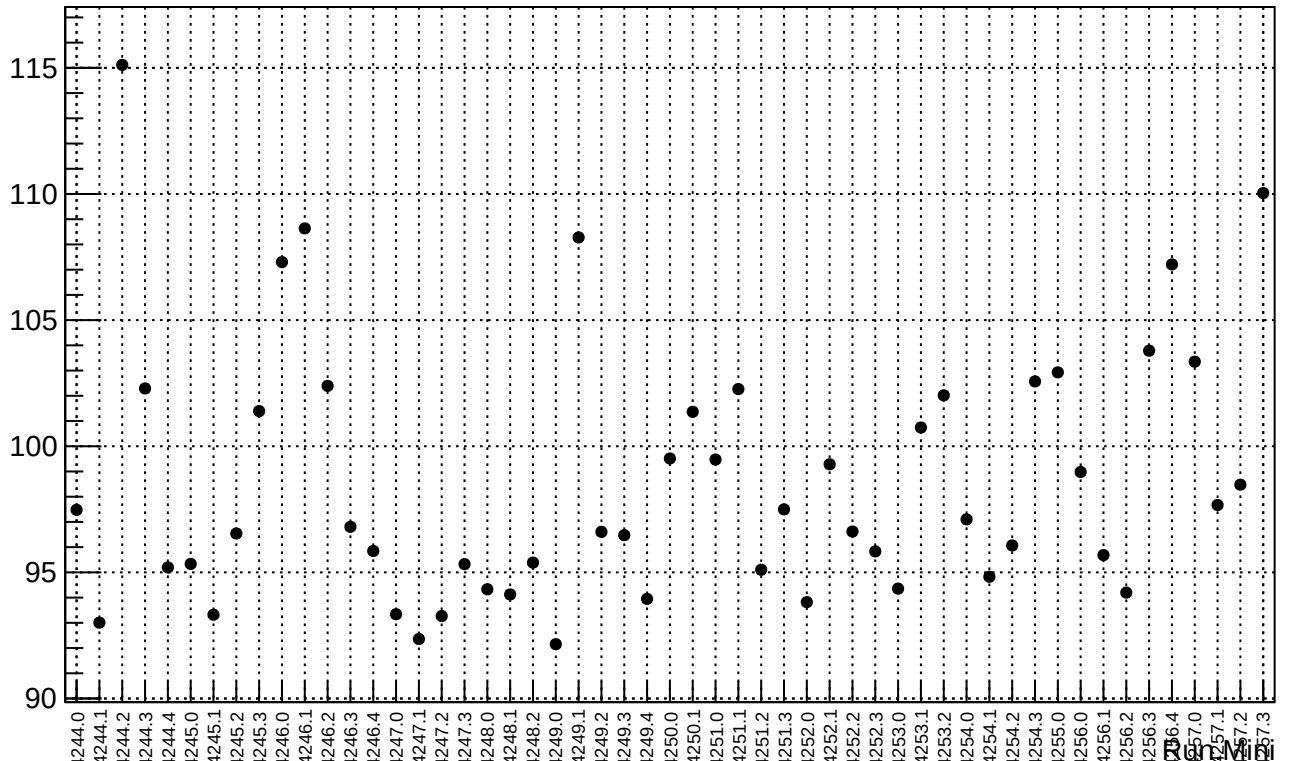

reg_asym_us_avg.mean/ppb
χ² / ndf 48.88 / 52
p0 –465.7 ± 138.1
3000
2000
1000
0
–1000
–2000
–3000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

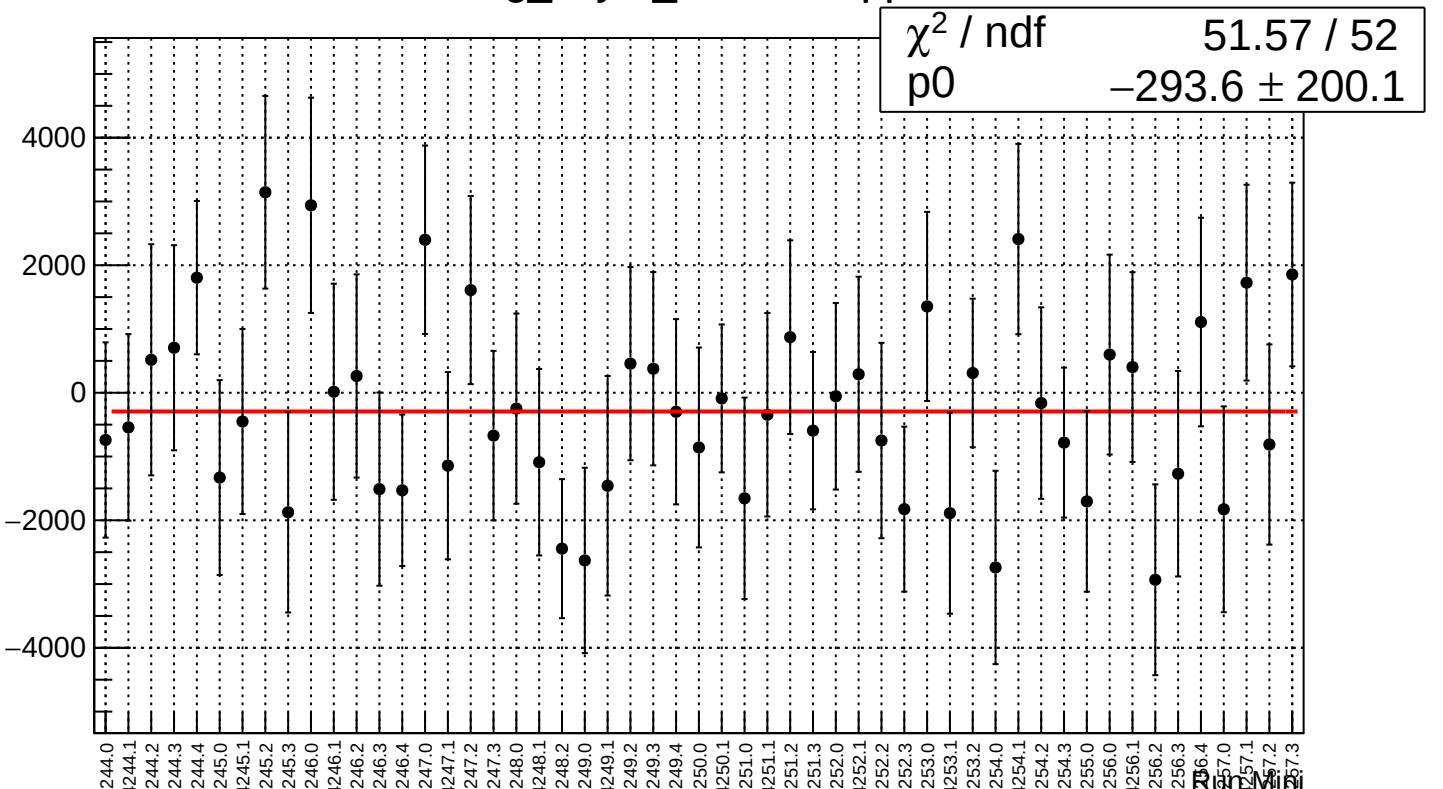

reg_asym_us_avg.rms/ppm
htemp
Entries 53
Mean 101.3
Std Dev 1.479
3
2.5
2
1.5
1
0.5
0
99
100
101
102
103
104
105
106
reg_asym_us_avg.rms/ppm

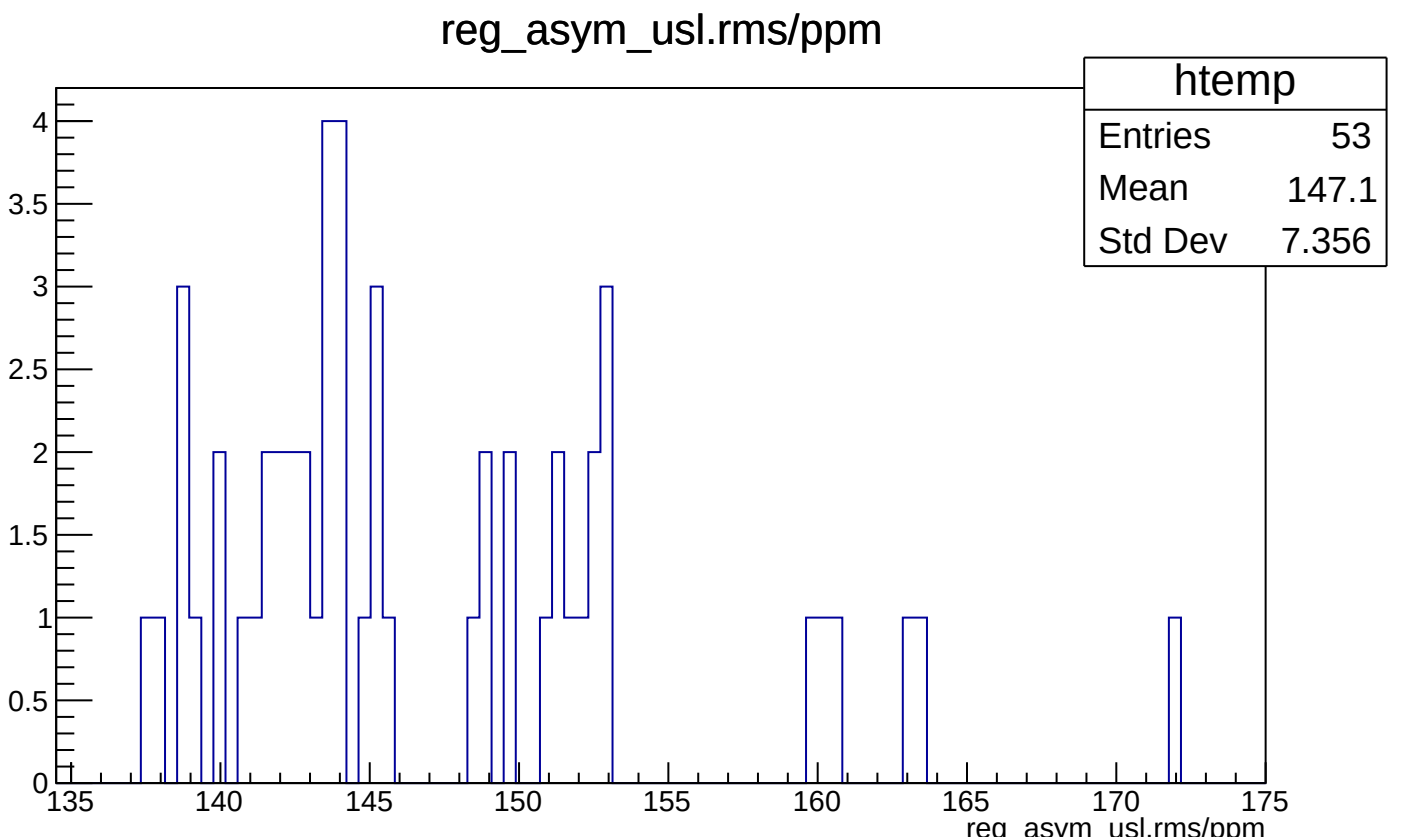

reg_asym_us_avg.rms/ppm
106
105
104
103
102
101
100
99
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

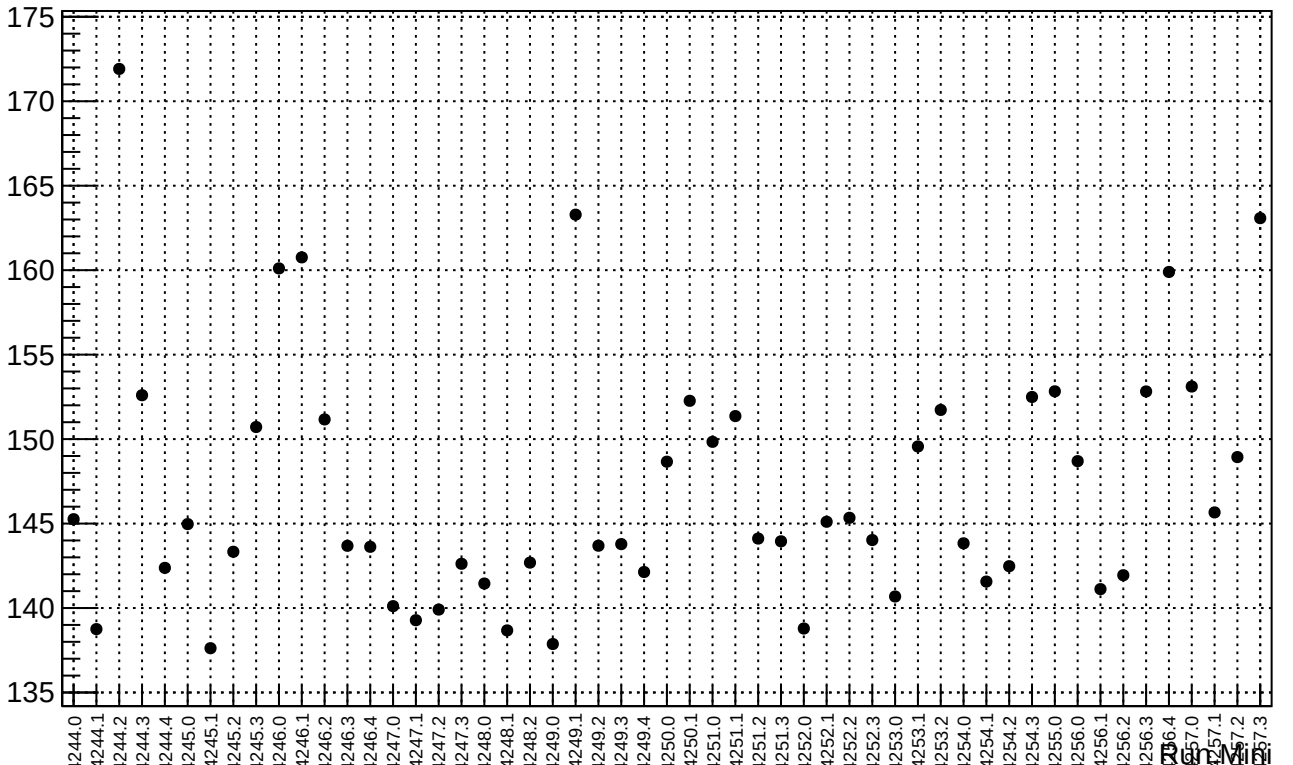

reg_asym_us_dd.mean/ppb
χ² / ndf 61.97 / 52
p0 187.8 ± 134.1
4000
3000
2000
1000
0
−1000
−2000
−3000
−4000
−5000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

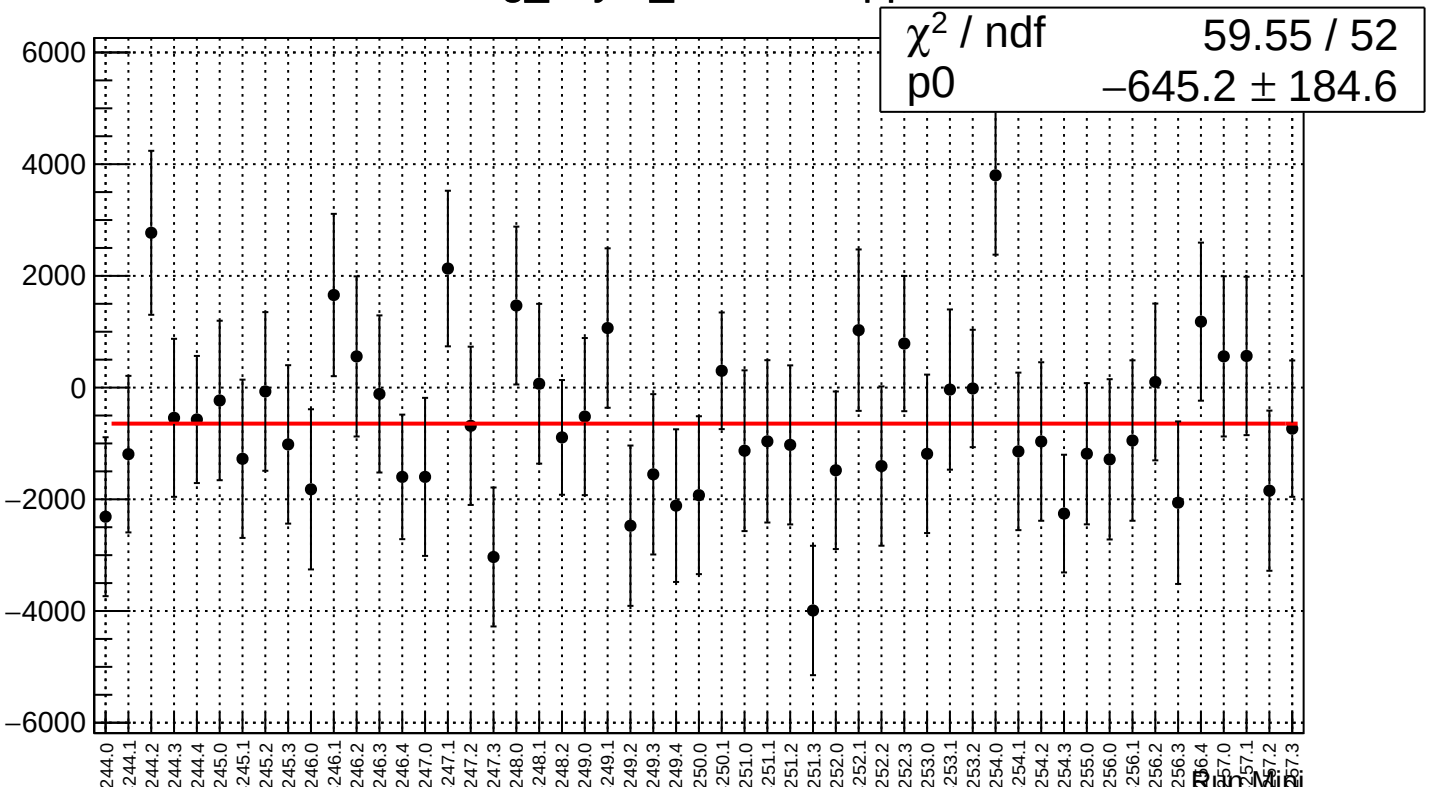

reg_asym_us_dd.rms/ppm
htemp
Entries 53
Mean 98.62
Std Dev 5.044
0
0.5
1
1.5
2
2.5
3
3.5
4
90
95
100
105
110
115
reg_asym_us_dd.rms/ppm

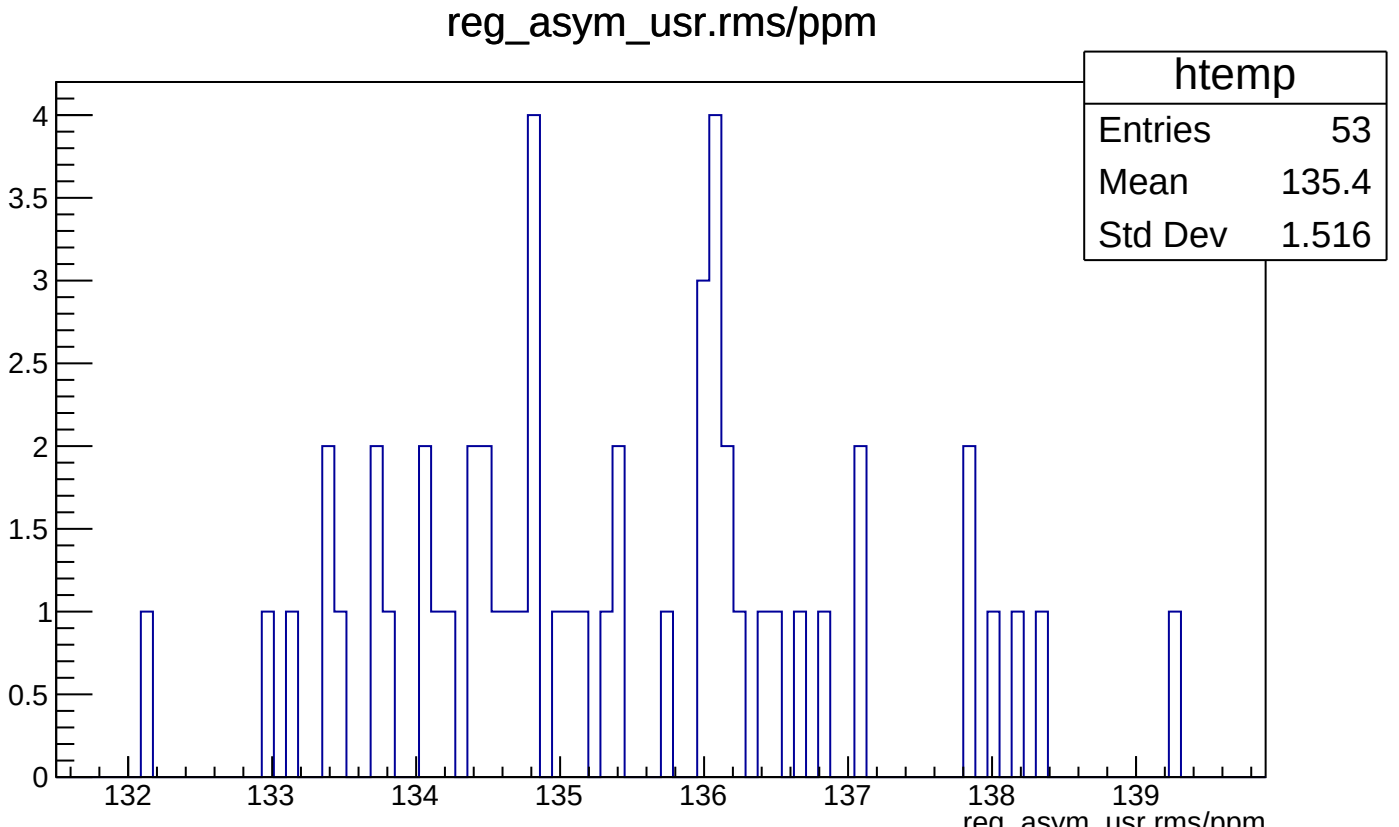

reg_asym_us_dd.rms/ppm
115
110
105
100
95
90
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini

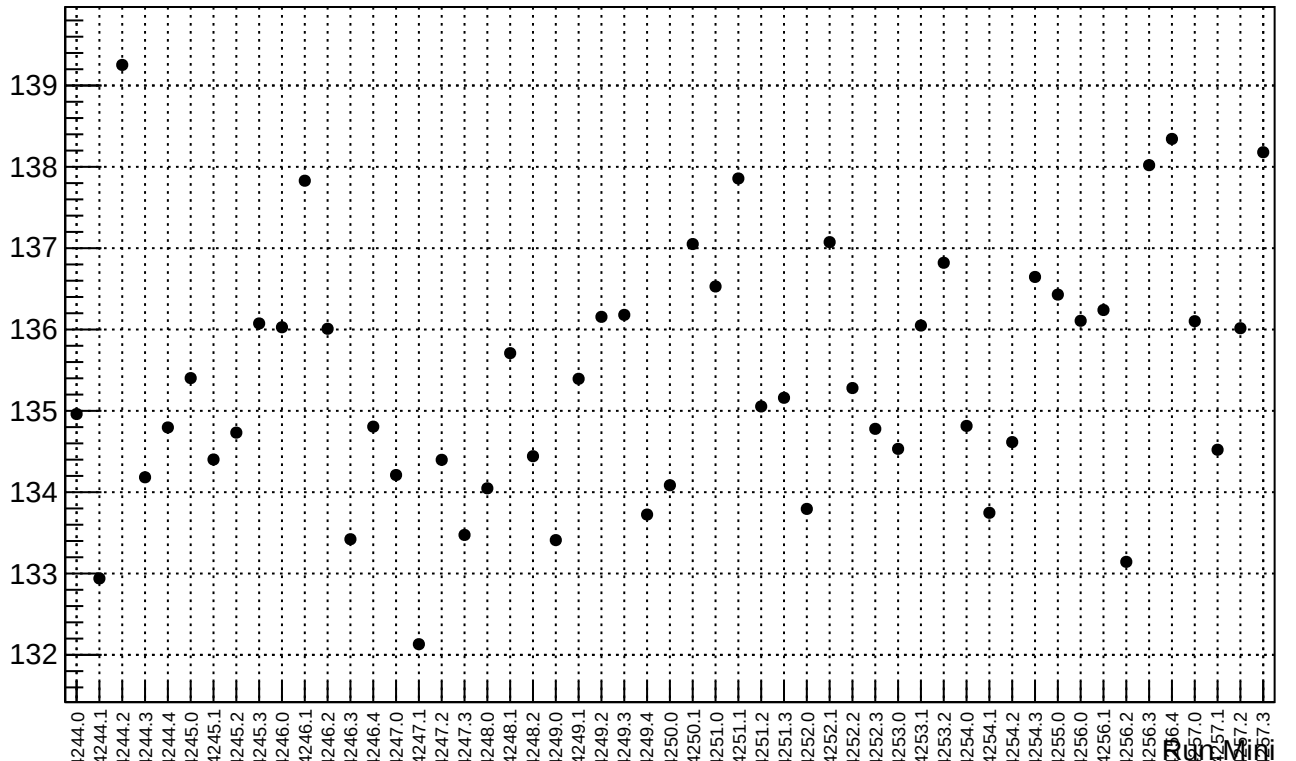

reg_asym_usl.mean/ppb
χ² / ndf 51.57 / 52
p0 –293.6 ± 200.1
4000
2000
0
–2000
–4000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


reg_asym_usl.rms/ppm
htemp
Entries 53
Mean 147.1
Std Dev 7.356
0
0.5
1
1.5
2
2.5
3
3.5
4
135
140
145
150
155
160
165
170
175
reg_asym_usl.rms/ppm


reg_asym_usl.rms/ppm
175
170
165
160
155
150
145
140
135
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


reg_asym_usr.mean/ppb
χ² / ndf 59.55 / 52
p0 –645.2 ± 184.6
6000
4000
2000
0
–2000
–4000
–6000
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Mini


reg_asym_usr.rms/ppm
htemp
Entries 53
Mean 135.4
Std Dev 1.516
0
0.5
1
1.5
2
2.5
3
3.5
4
132
133
134
135
136
137
138
139
reg_asym_usr.rms/ppm


reg_asym_usr.rms/ppm
139
138
137
136
135
134
133
132
4244.0
4244.1
4244.2
4244.3
4244.4
4245.0
4245.1
4245.2
4245.3
4246.0
4246.1
4246.2
4246.3
4246.4
4247.0
4247.1
4247.2
4247.3
4248.0
4248.1
4248.2
4249.0
4249.1
4249.2
4249.3
4249.4
4250.0
4250.1
4251.0
4251.1
4251.2
4251.3
4252.0
4252.1
4252.2
4252.3
4253.0
4253.1
4253.2
4254.0
4254.1
4254.2
4254.3
4255.0
4256.0
4256.1
4256.2
4256.3
4256.4
4257.0
4257.1
4257.2
4257.3
Run Min