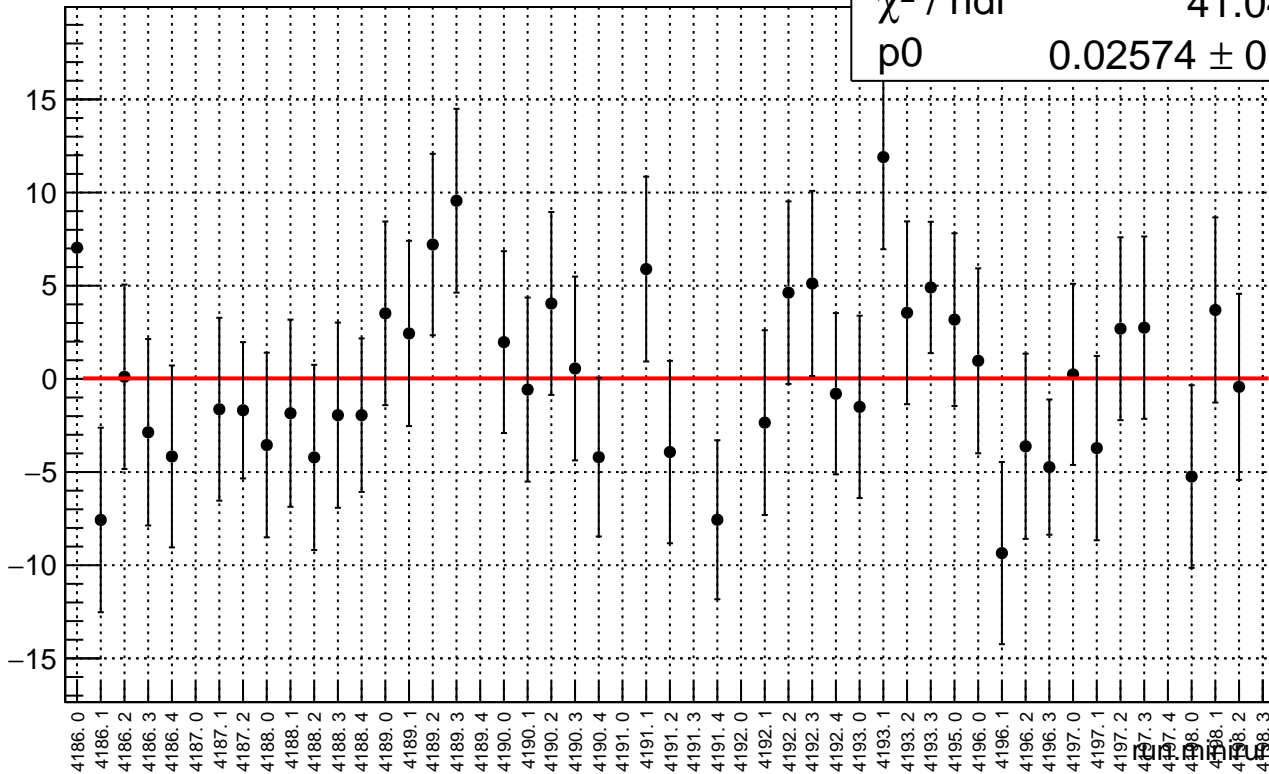


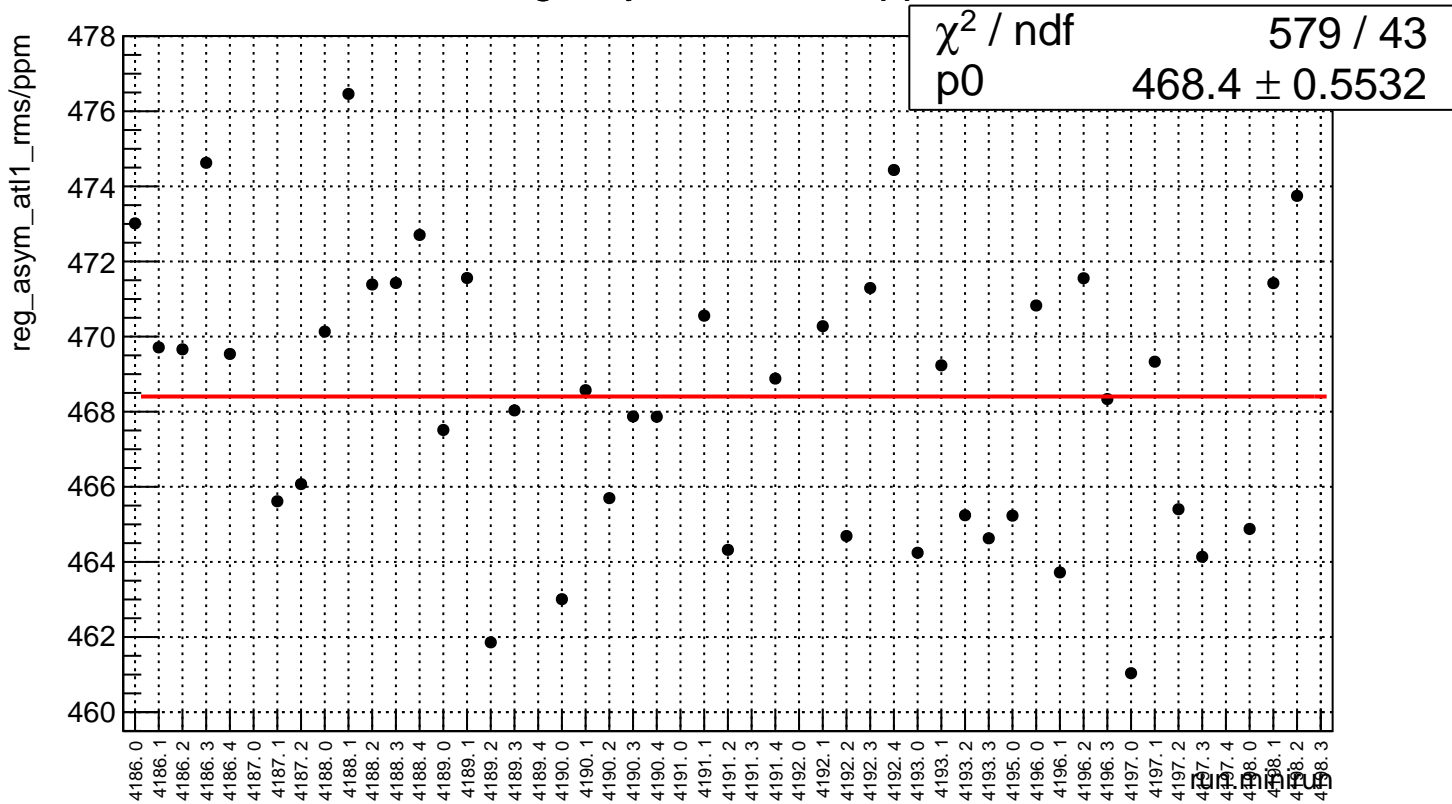
# reg\_asym\_atl1\_mean/ppm

$\chi^2 / \text{ndf}$  41.04 / 43  
 p0 0.02574 ± 0.7109

reg\_asym\_atl1\_mean/ppm



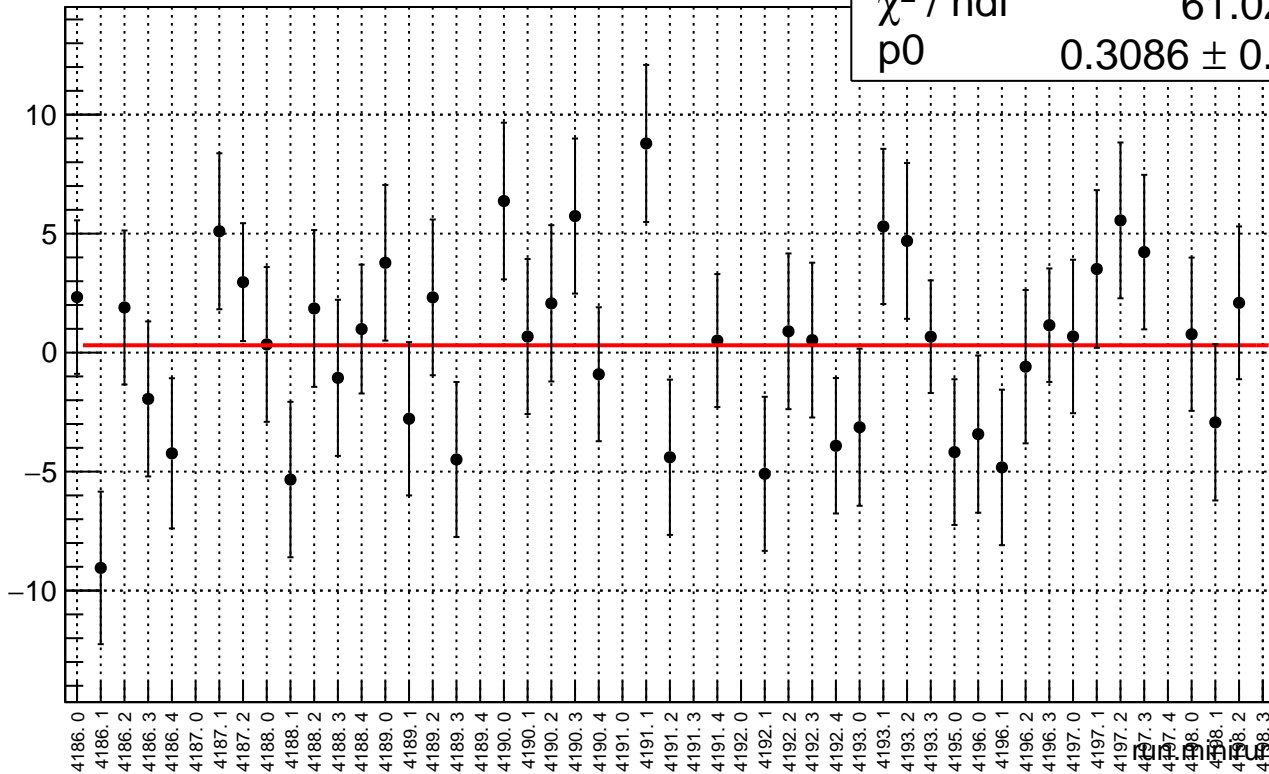
# reg\_asym\_atl1\_rms/ppm



# reg\_asym\_atl2\_mean/ppm

$\chi^2 / \text{ndf}$  61.02 / 43  
 p0  $0.3086 \pm 0.4698$

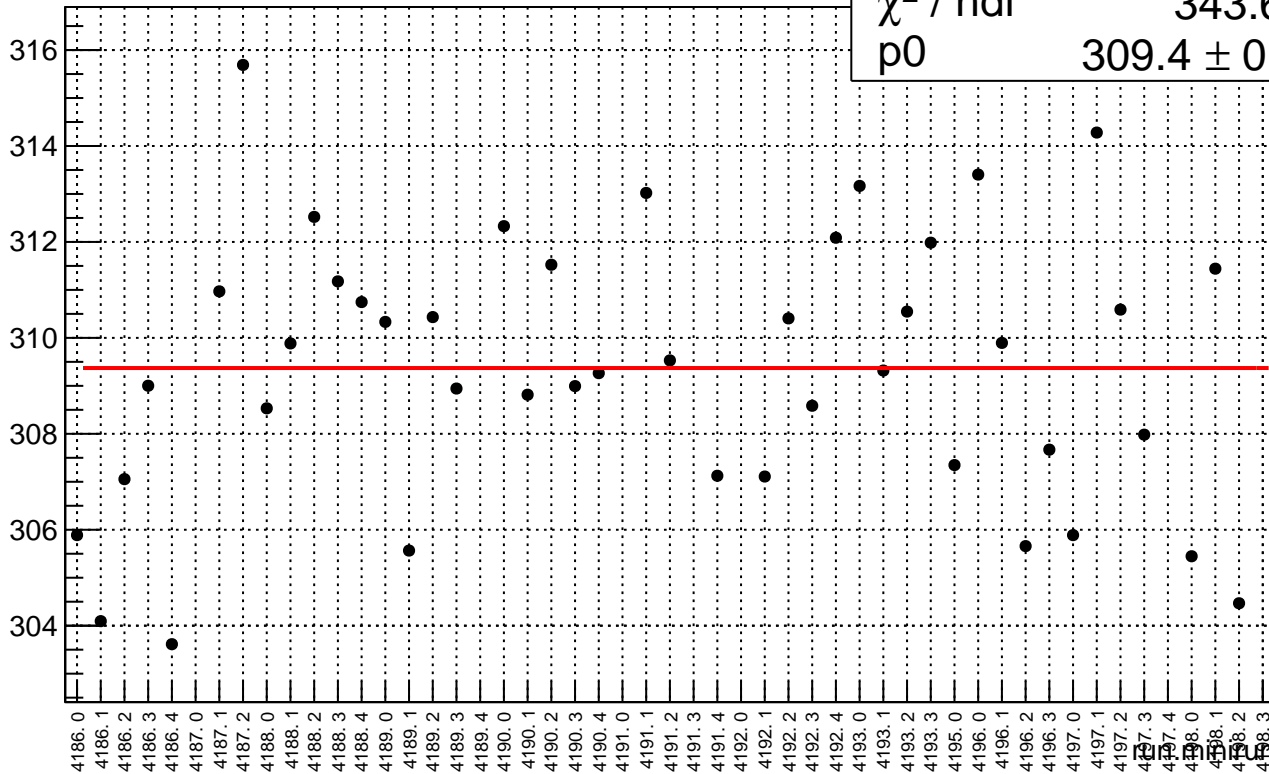
reg\_asym\_atl2\_mean/ppm



# reg\_asym\_atl2\_rms/ppm

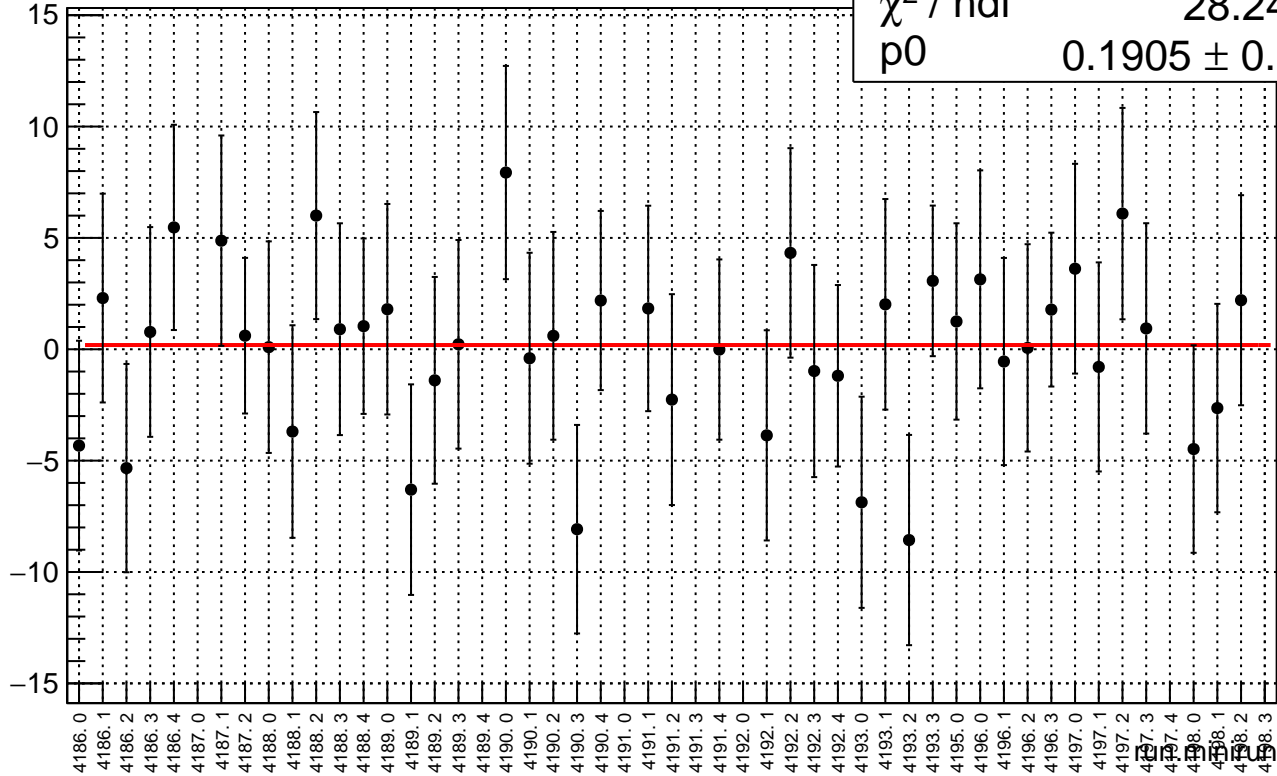
reg\_asym\_atl2\_rms/ppm

$\chi^2 / \text{ndf}$  343.6 / 43  
 p0 309.4 ± 0.4261



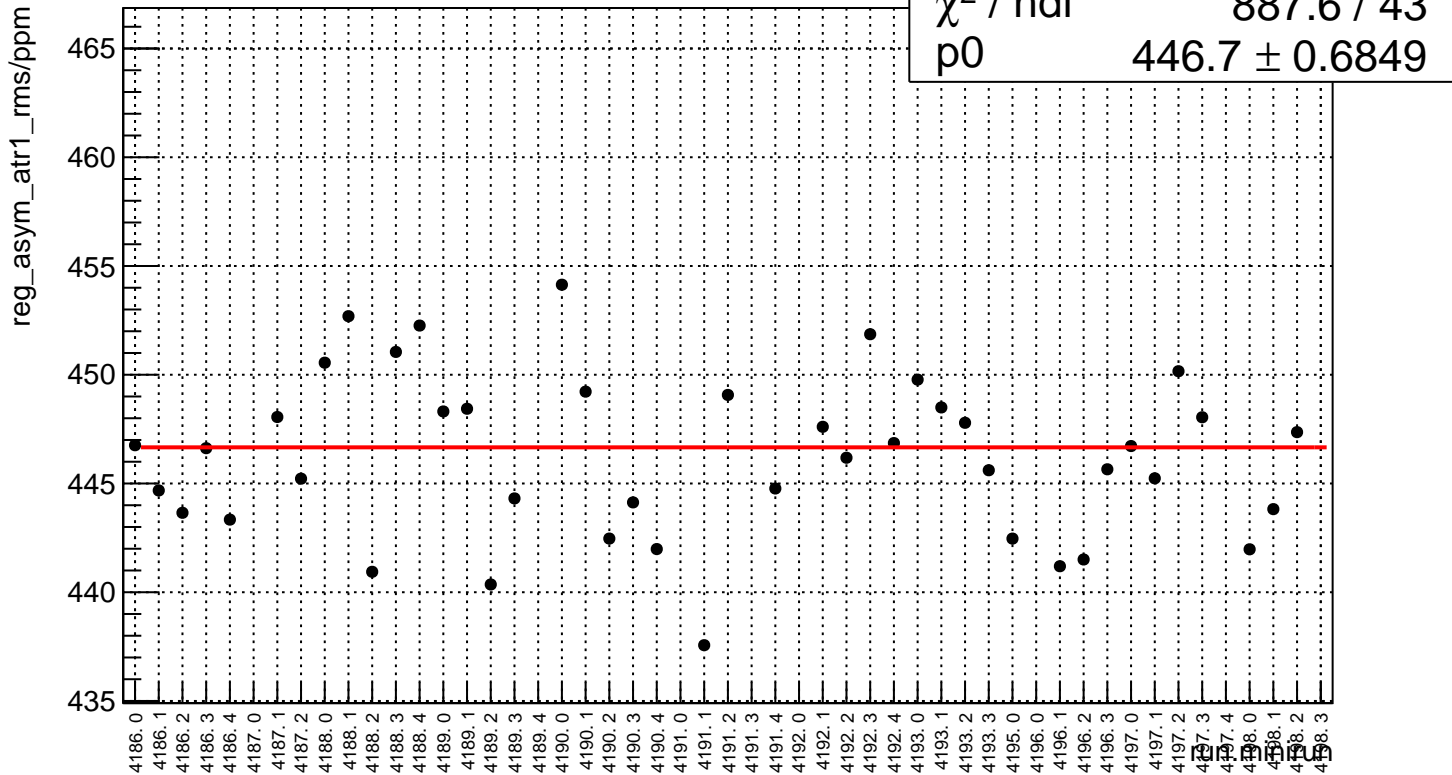
# reg\_asym\_atr1\_mean/ppm

reg\_asym\_atr1\_mean/ppm



$\chi^2 / \text{ndf}$  28.24 / 43  
 p0 0.1905 ± 0.6778

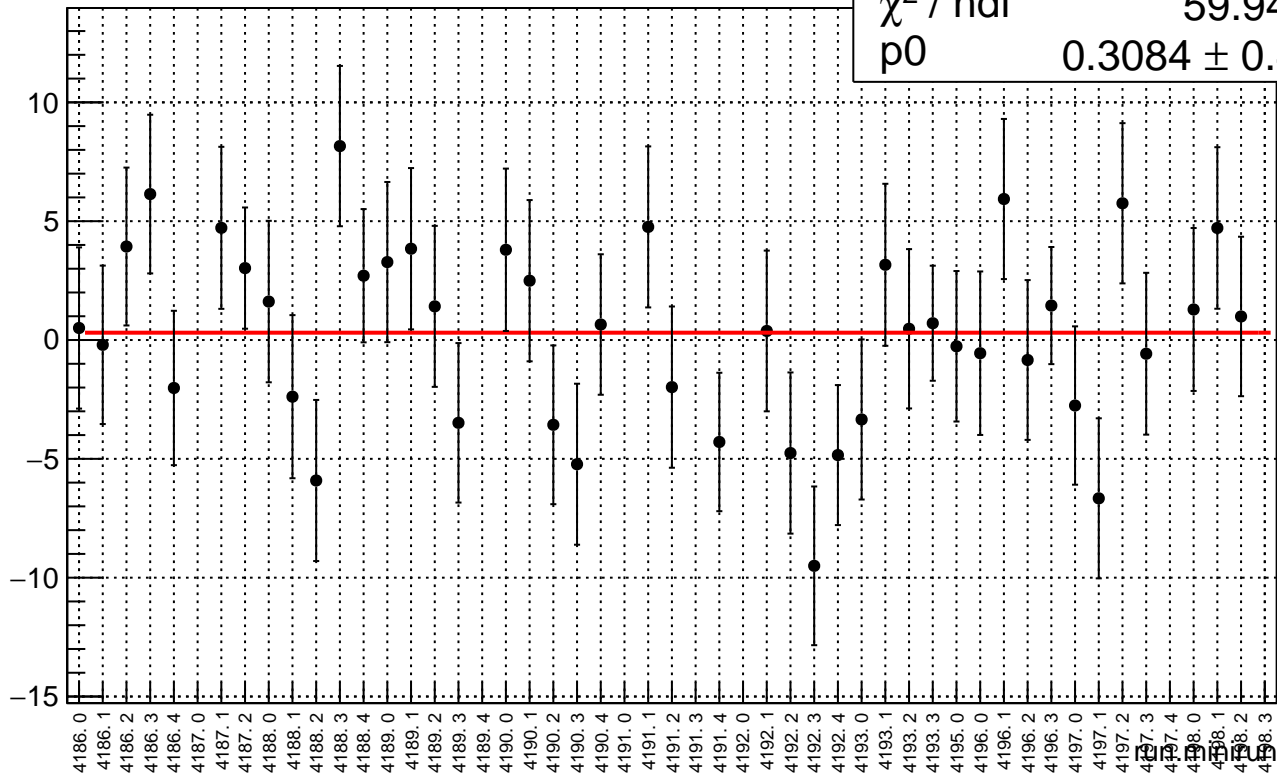
# reg\_asym\_atr1\_rms/ppm



# reg\_asym\_atr2\_mean/ppm

reg\_asym\_atr2\_mean/ppm

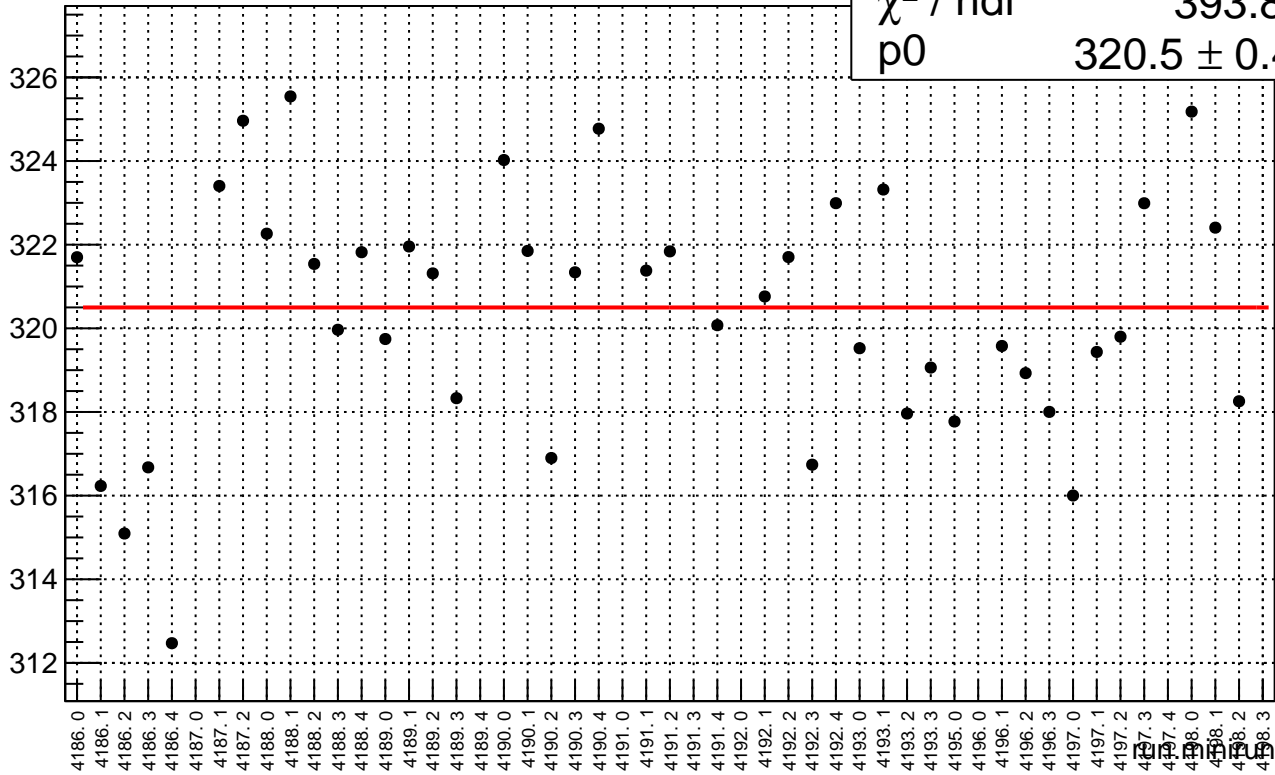
$\chi^2 / \text{ndf}$  59.94 / 43  
 p0  $0.3084 \pm 0.4865$



reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$  393.8 / 43  
p0 320.5 ± 0.4562

reg\_asym\_atr2\_rms/ppm

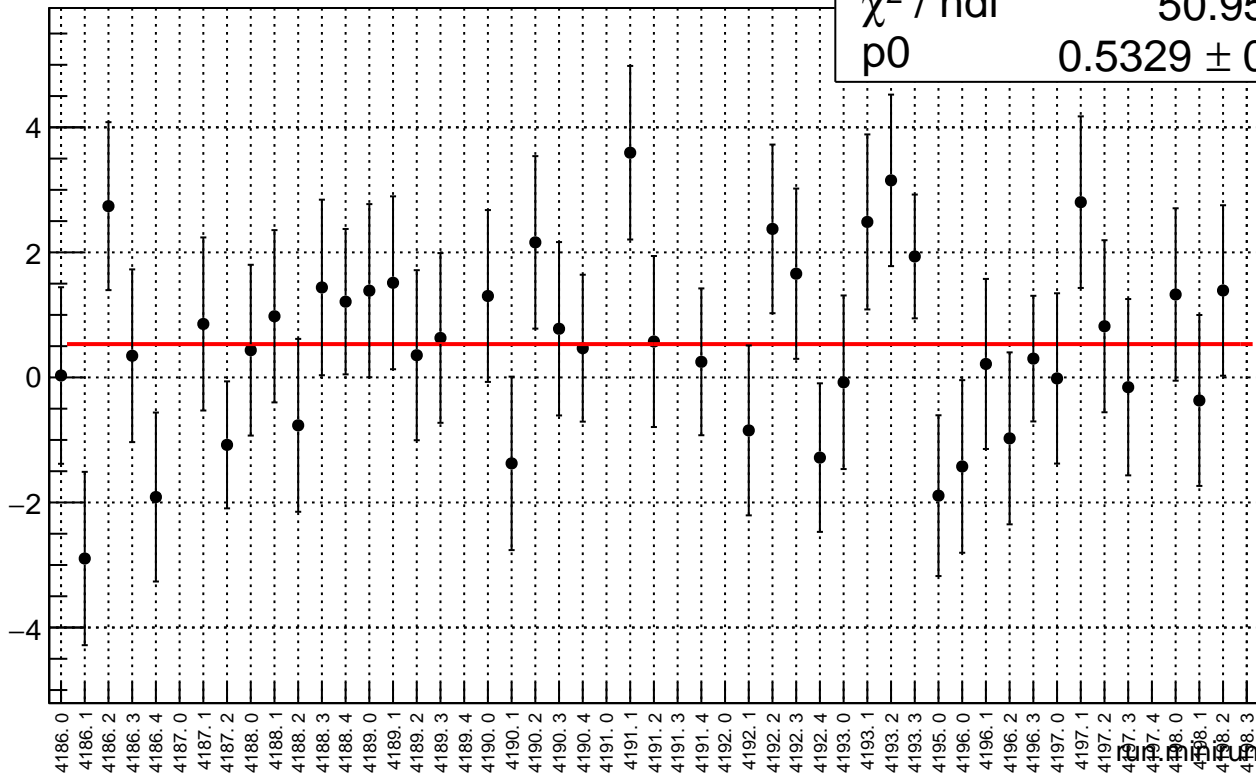




# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

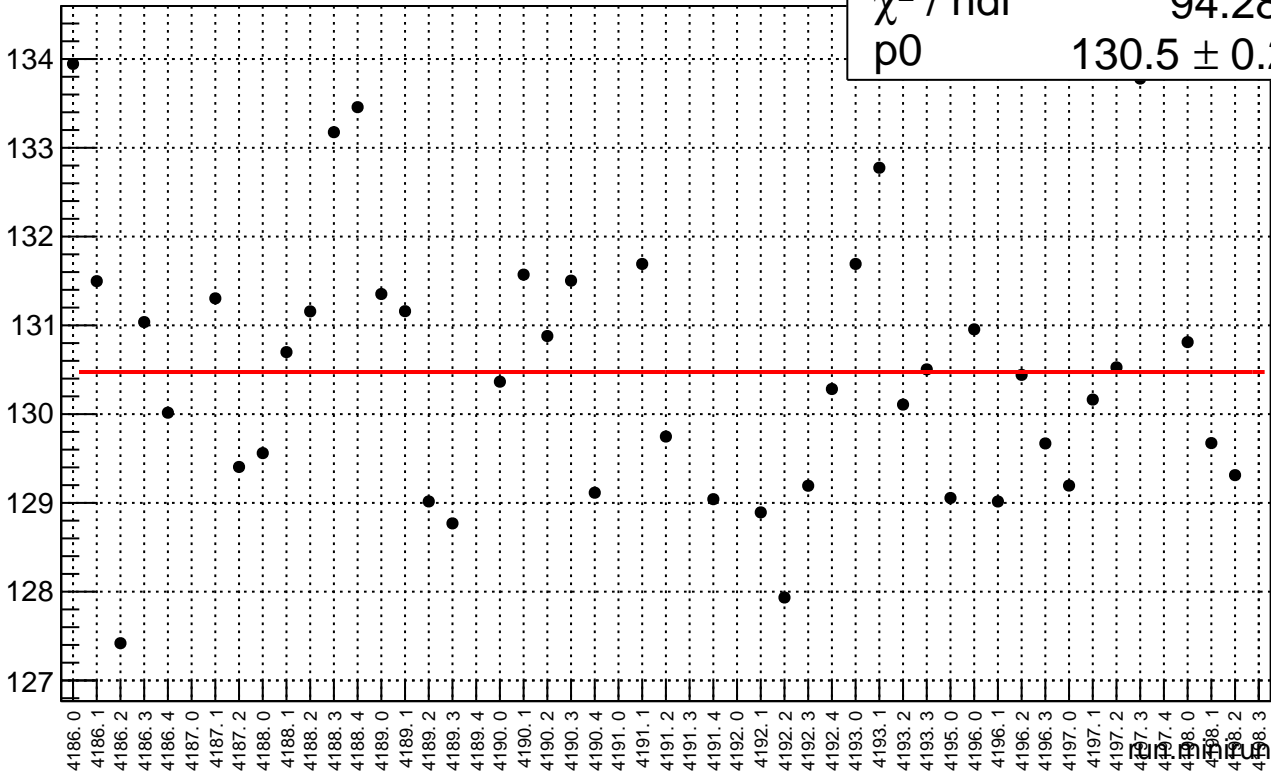
$\chi^2 / \text{ndf}$  50.95 / 43  
 p0  $0.5329 \pm 0.198$



# reg\_asym\_usl\_rms/ppm

reg\_asym\_usl\_rms/ppm

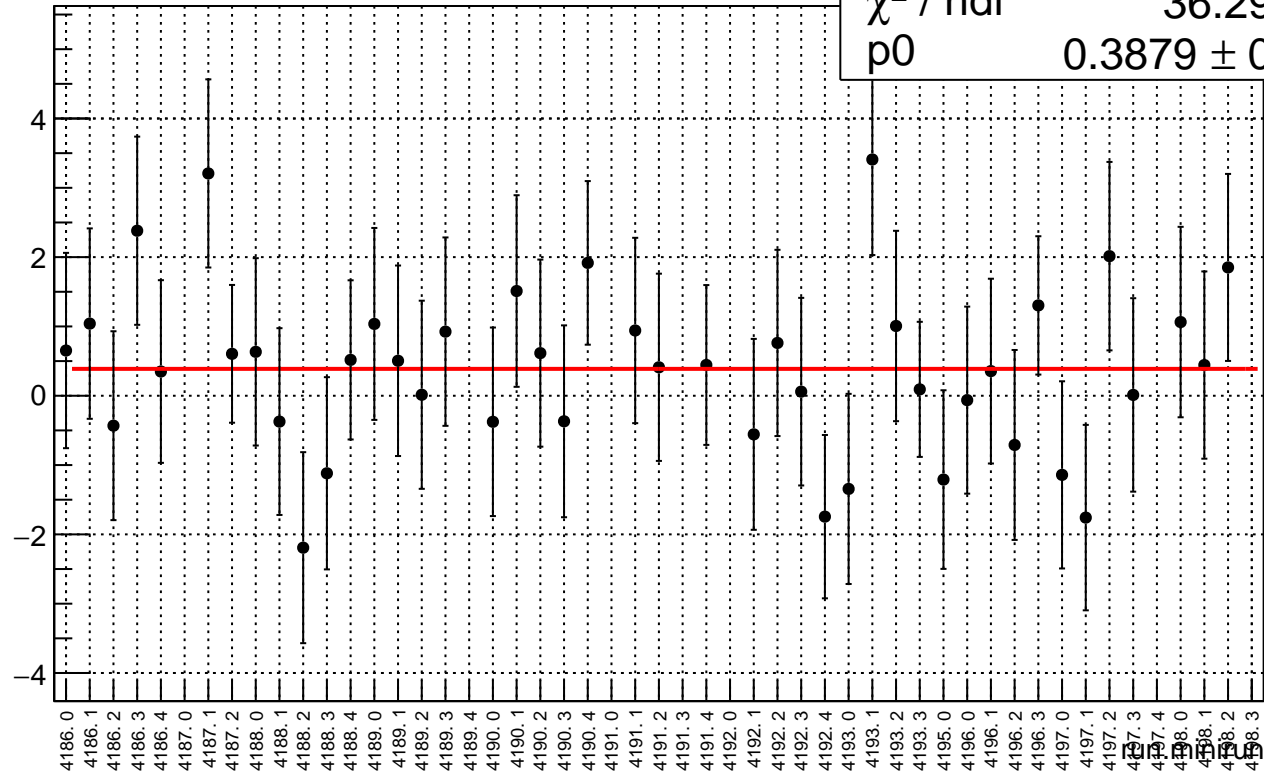
$\chi^2 / \text{ndf}$  94.28 / 43  
 p0 130.5 ± 0.2232



# reg\_asym\_usr\_mean/ppm

reg\_asym\_usr\_mean/ppm

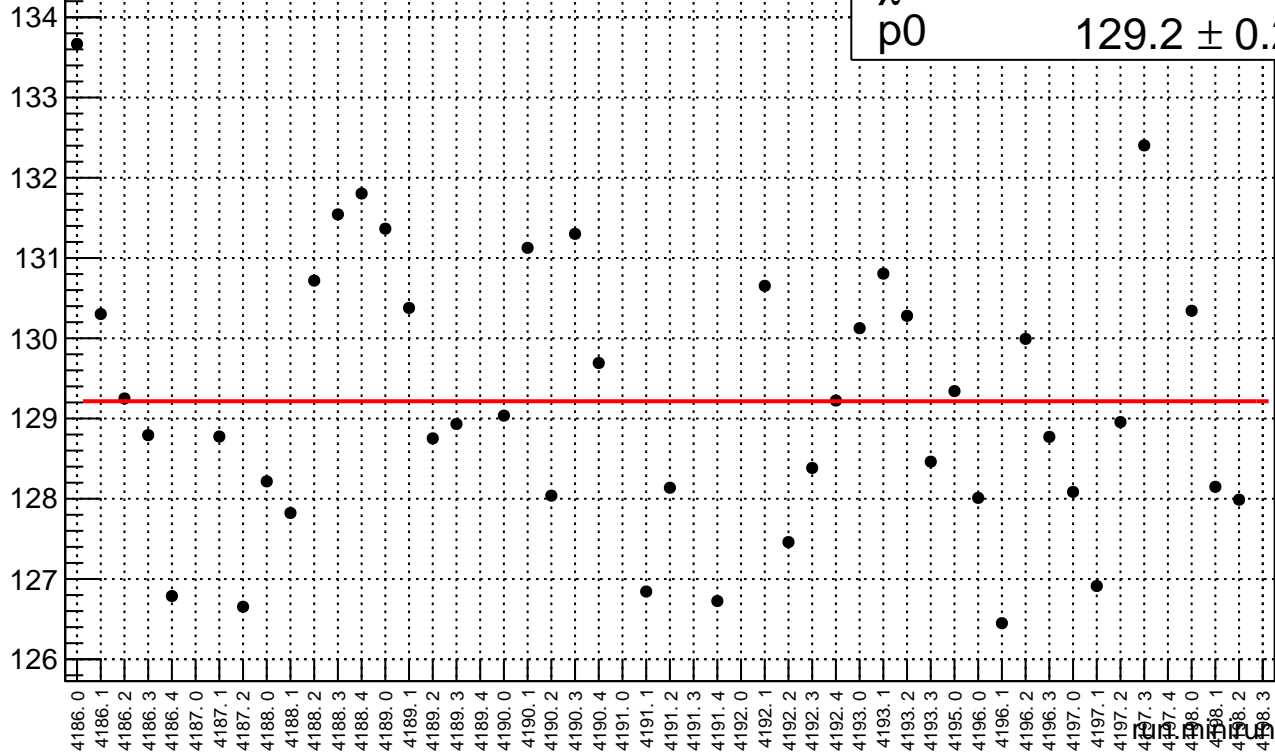
$\chi^2 / \text{ndf}$  36.29 / 43  
 p0  $0.3879 \pm 0.196$



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  121.6 / 43  
p0 129.2 ± 0.2535

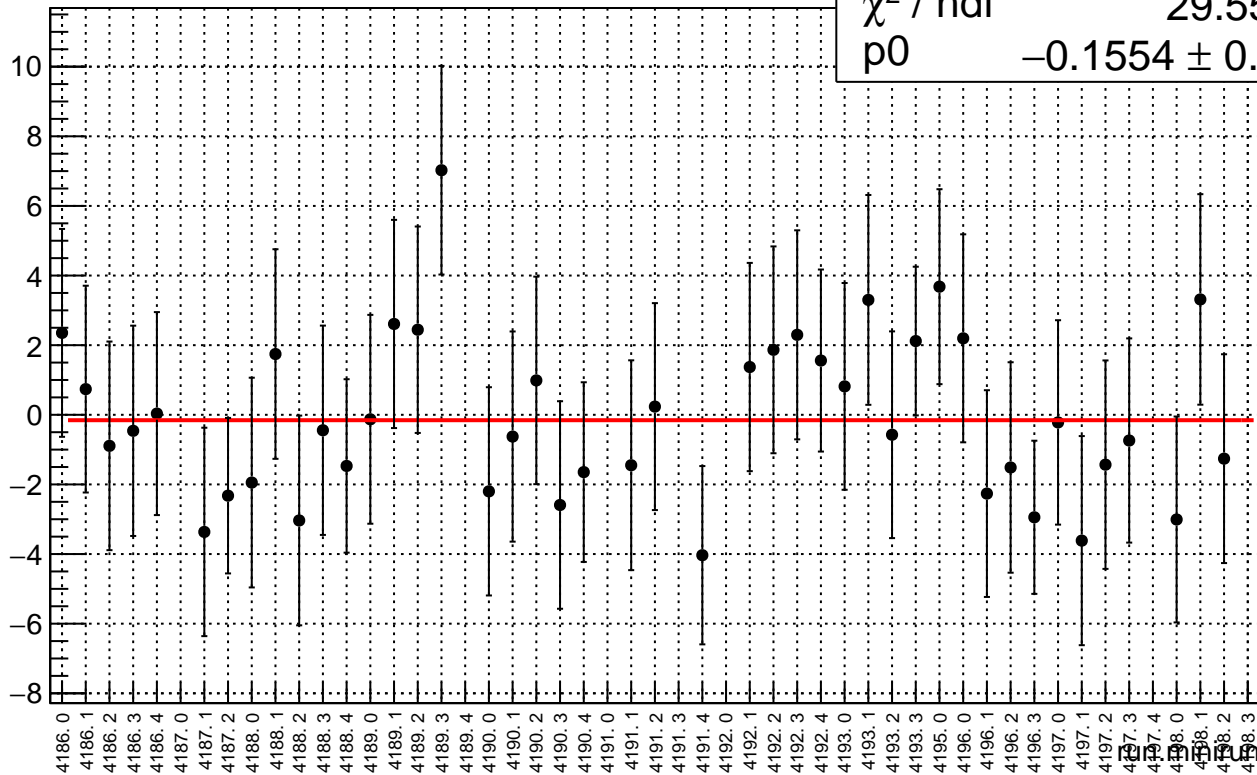
reg\_asym\_usr\_rms/ppm



# reg\_asym\_atl\_dd\_mean/ppm

reg\_asym\_atl\_dd\_mean/ppm

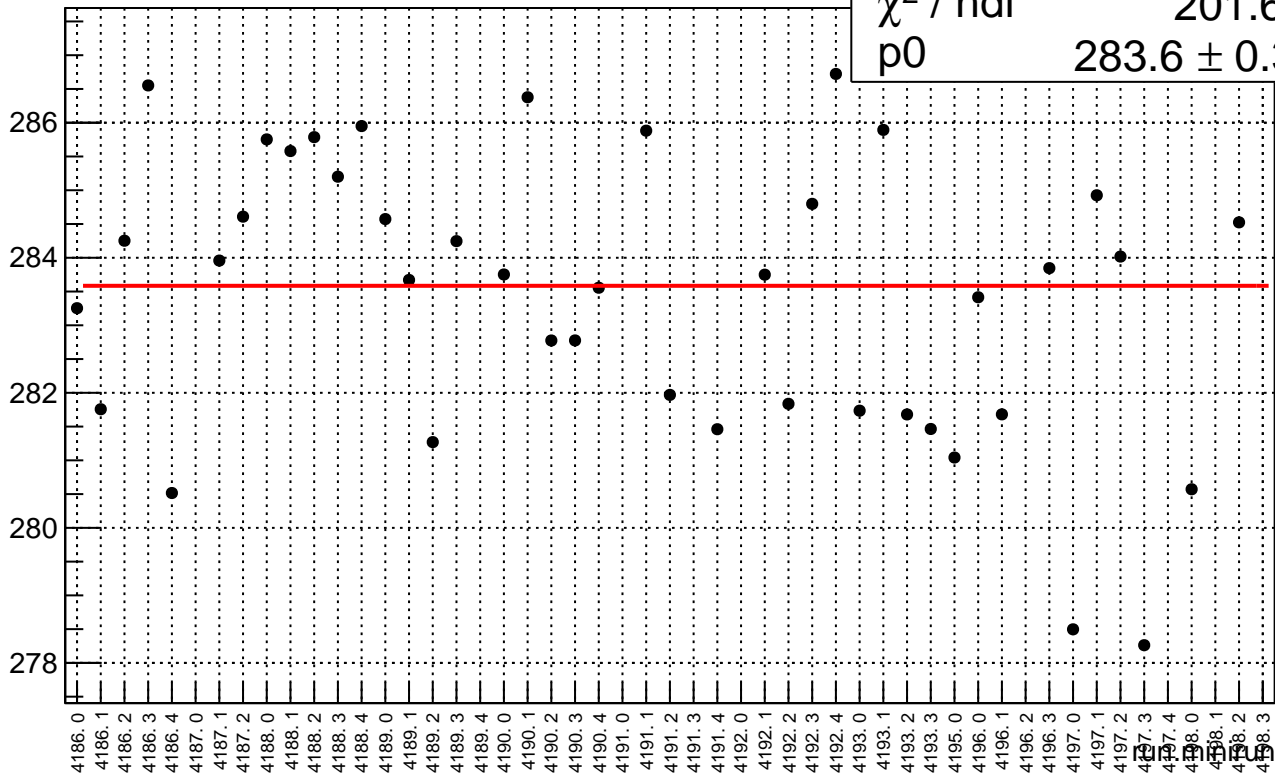
$\chi^2 / \text{ndf}$  29.55 / 43  
 $p_0$   $-0.1554 \pm 0.4305$



# reg\_asym\_atl\_dd\_rms/ppm

reg\_asym\_atl\_dd\_rms/ppm

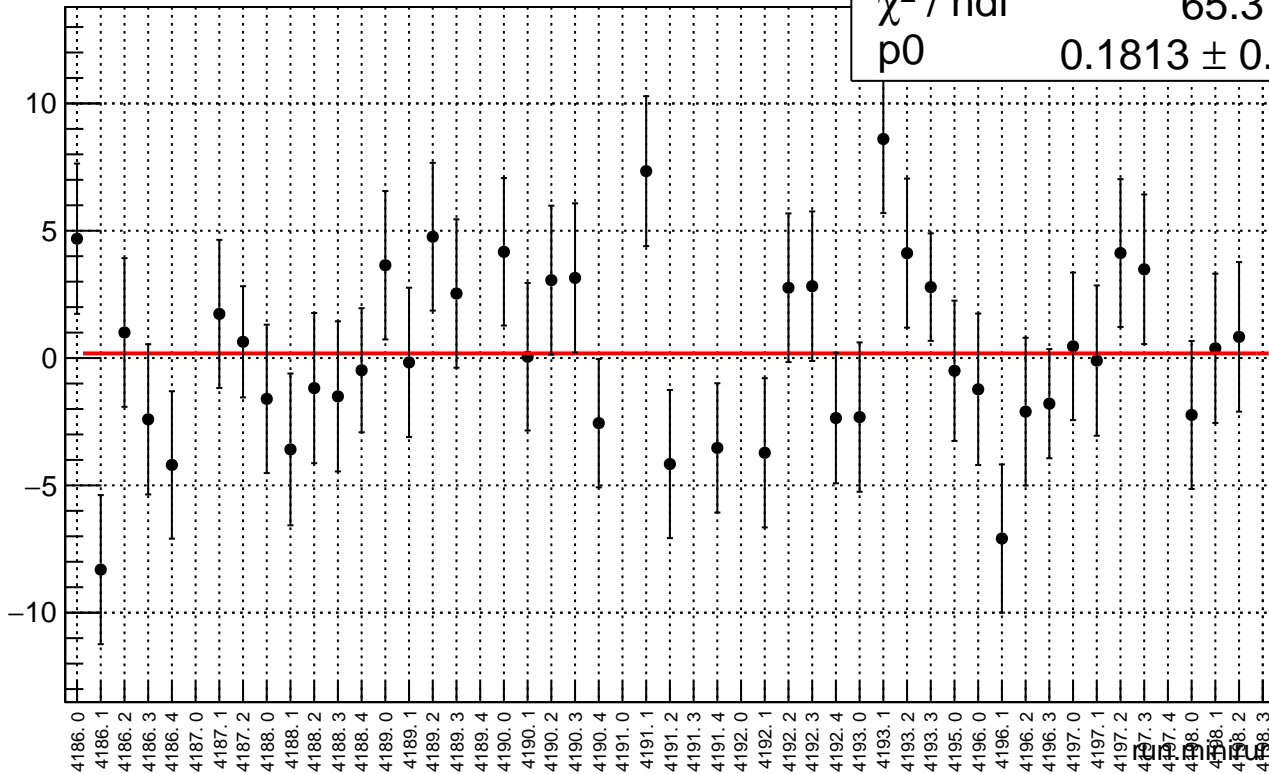
$\chi^2 / \text{ndf}$  201.6 / 43  
 p0  $283.6 \pm 0.3264$



# reg\_asym\_atl\_avg\_mean/ppm

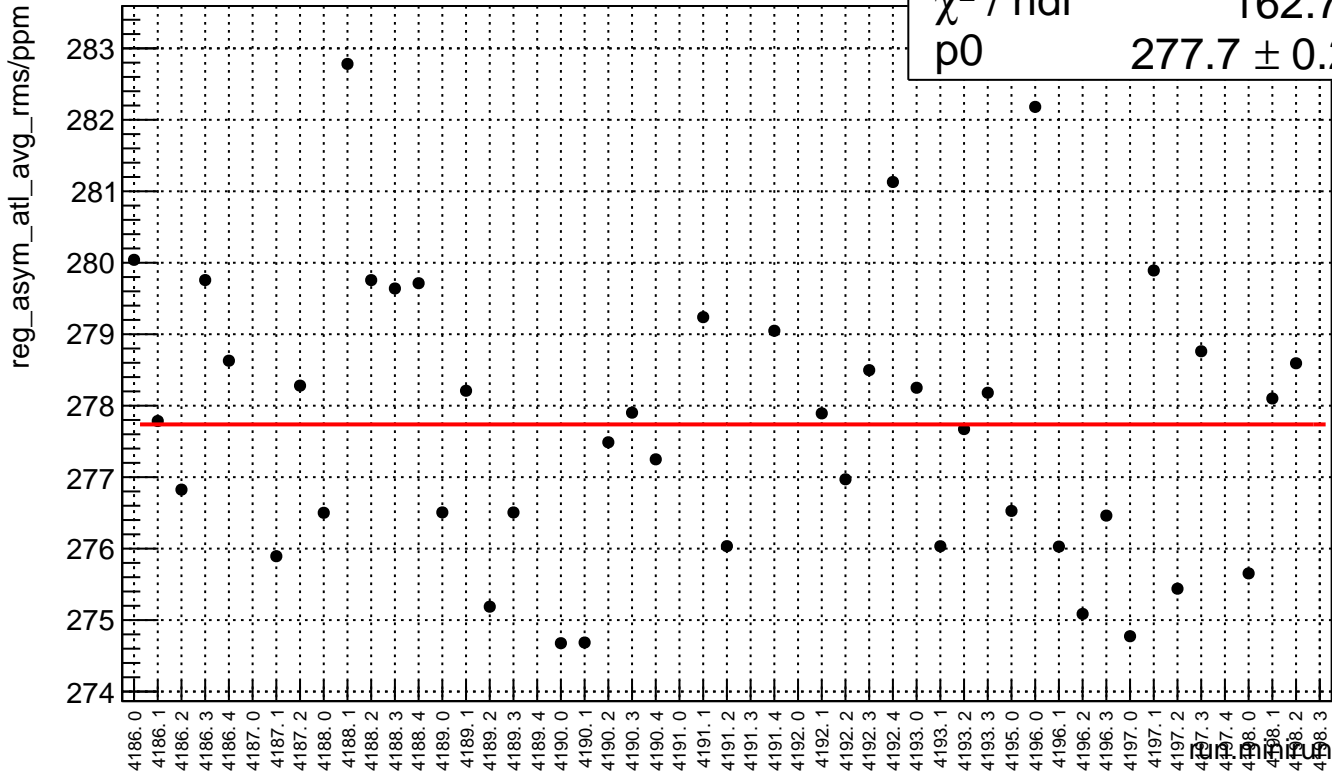
reg\_asym\_atl\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  65.37 / 43  
 p0  $0.1813 \pm 0.4216$



# reg\_asym\_atl\_avg\_rms/ppm

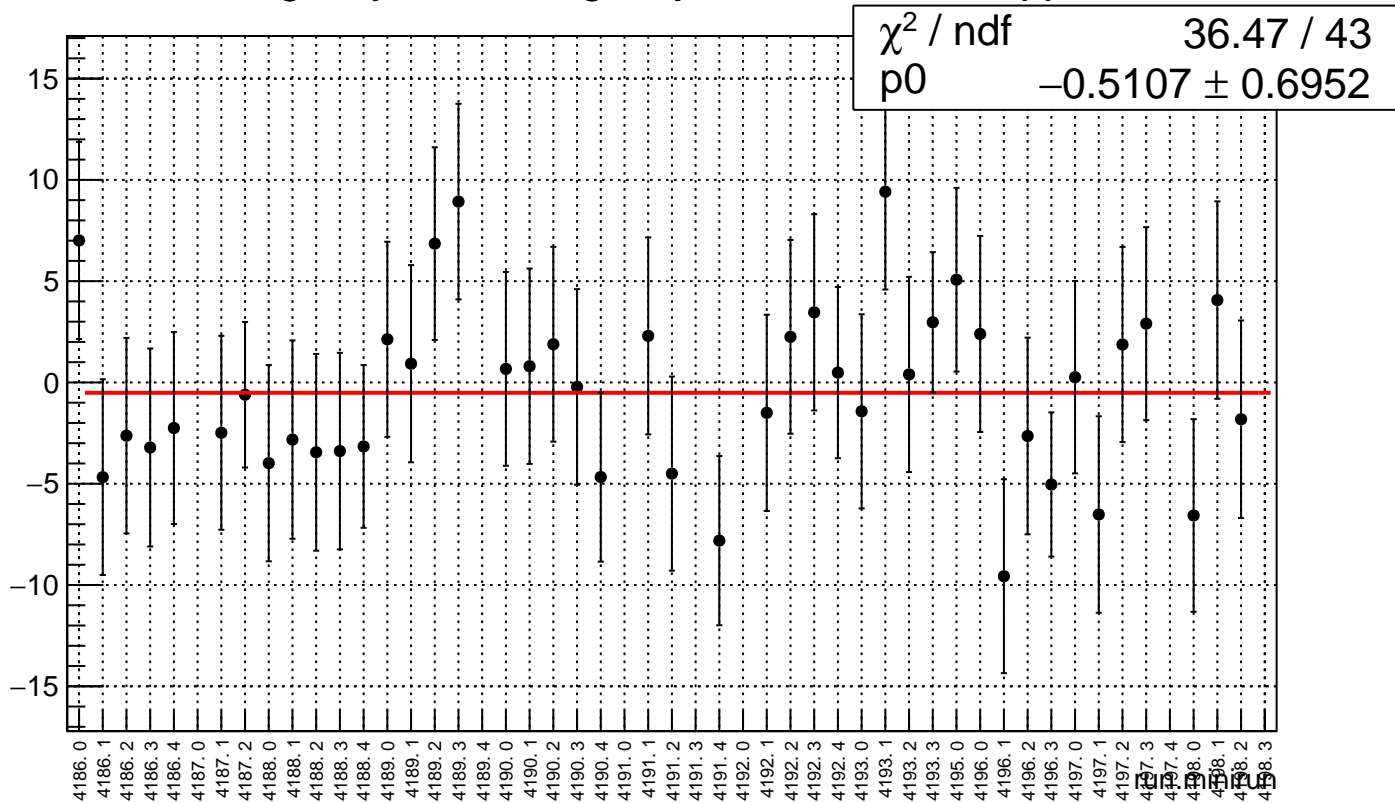
$\chi^2 / \text{ndf}$  162.7 / 43  
 p0 277.7 ± 0.2933



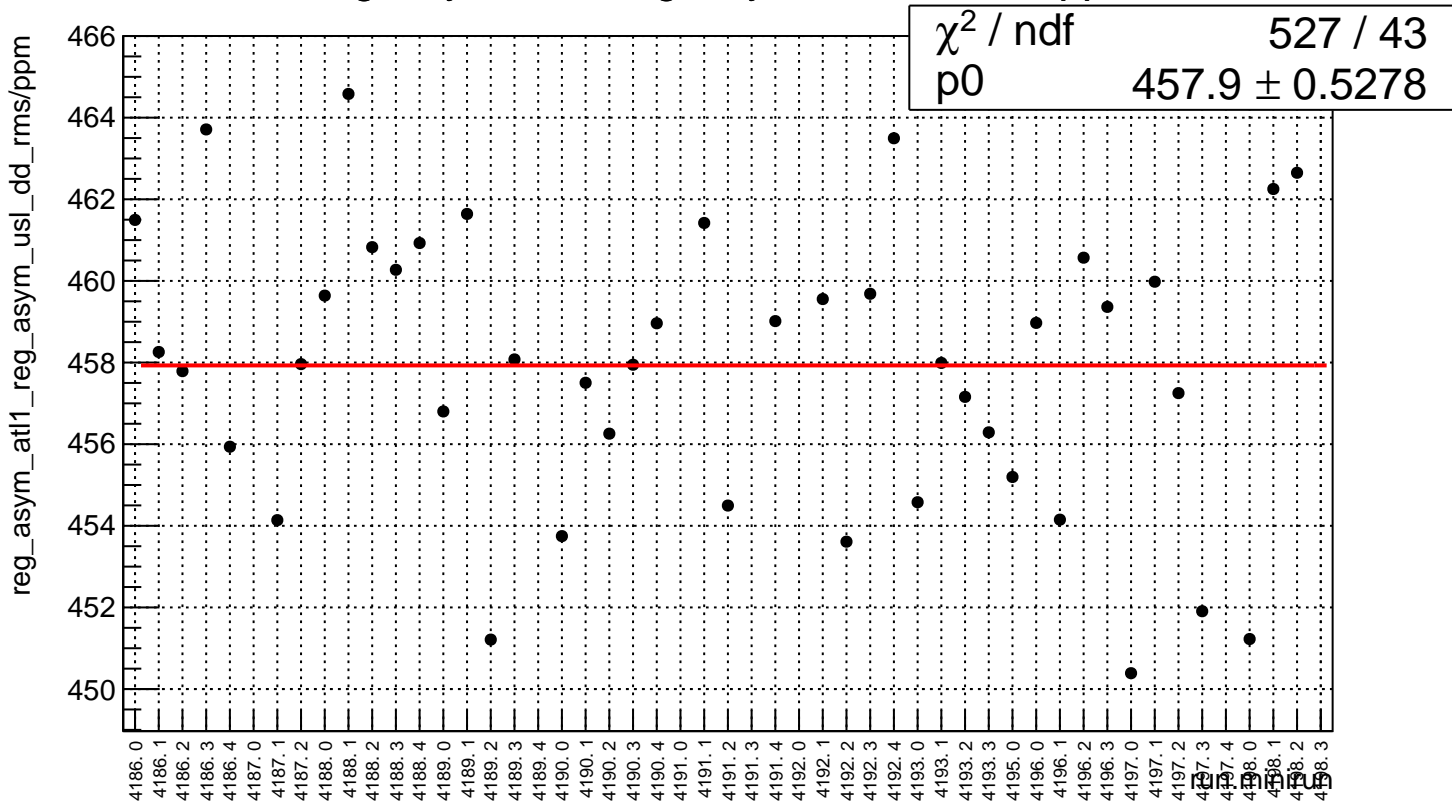


# reg\_asym\_atl1\_reg\_asym\_usl\_dd\_mean/ppm

reg\_asym\_atl1\_reg\_asym\_usl\_dd\_mean/ppm



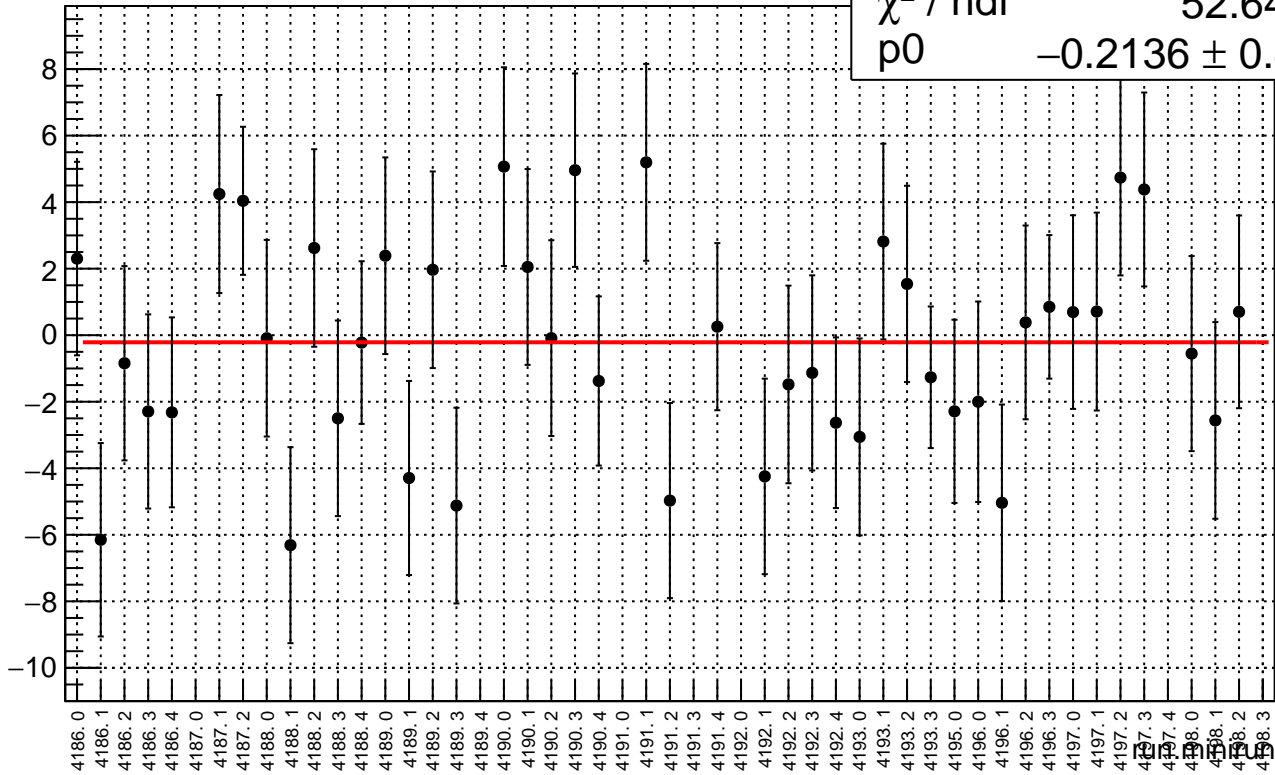
# reg\_asym\_atl1\_reg\_asym\_usl\_dd\_rms/ppm



# reg\_asym\_atl2\_reg\_asym\_usl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  52.64 / 43  
 p0  $-0.2136 \pm 0.4238$

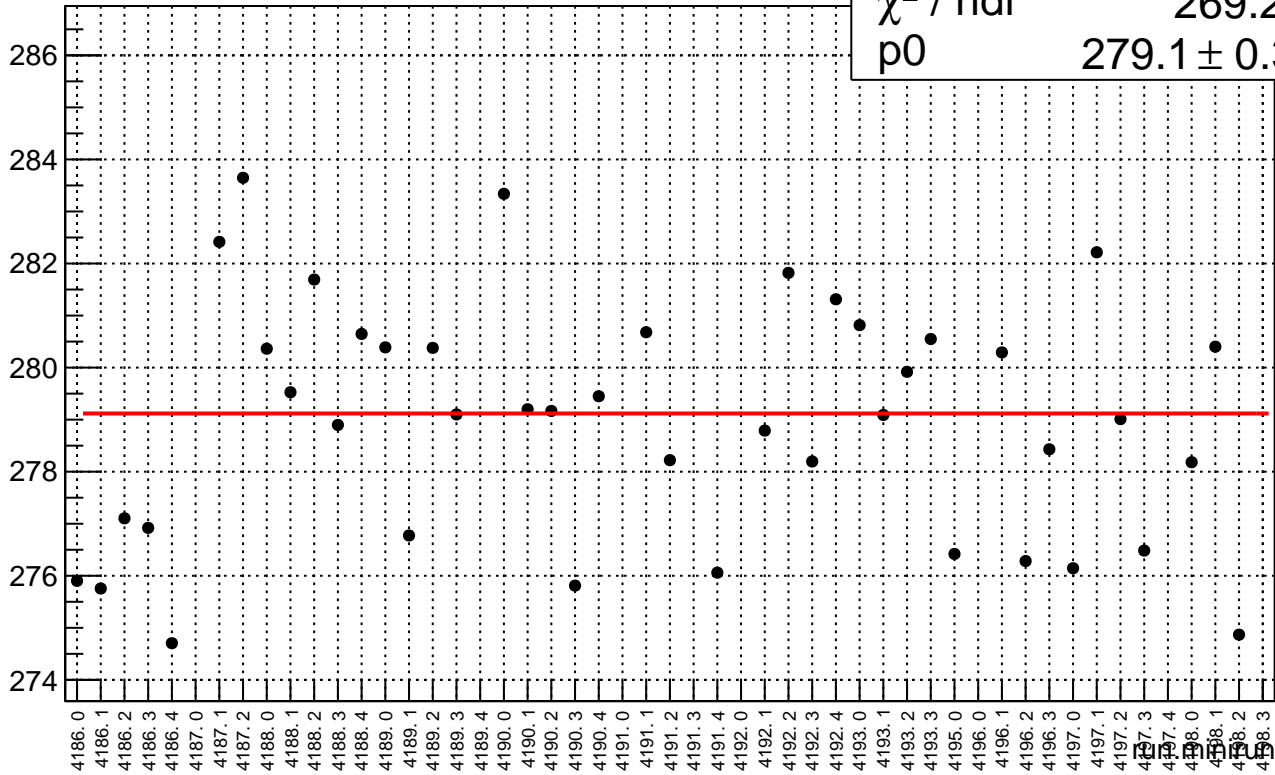
reg\_asym\_atl2\_reg\_asym\_usl\_dd\_mean/ppm



# reg\_asym\_atl2\_reg\_asym\_usl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  269.2 / 43  
 p0  $279.1 \pm 0.3772$

reg\_asym\_atl2\_reg\_asym\_usl\_dd\_rms/ppm



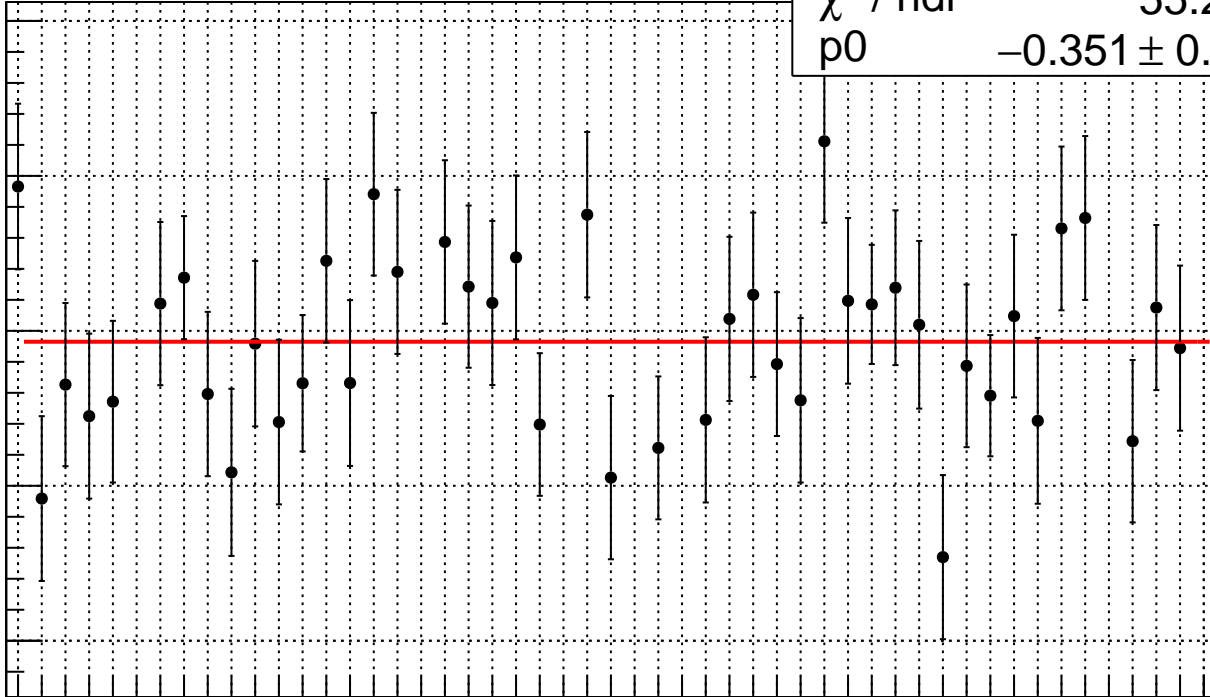
# reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_mean/ppm

reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_mean/ppm

10  
5  
0  
-5  
-10

$\chi^2 / \text{ndf}$  55.2 / 43  
p0  $-0.351 \pm 0.3823$

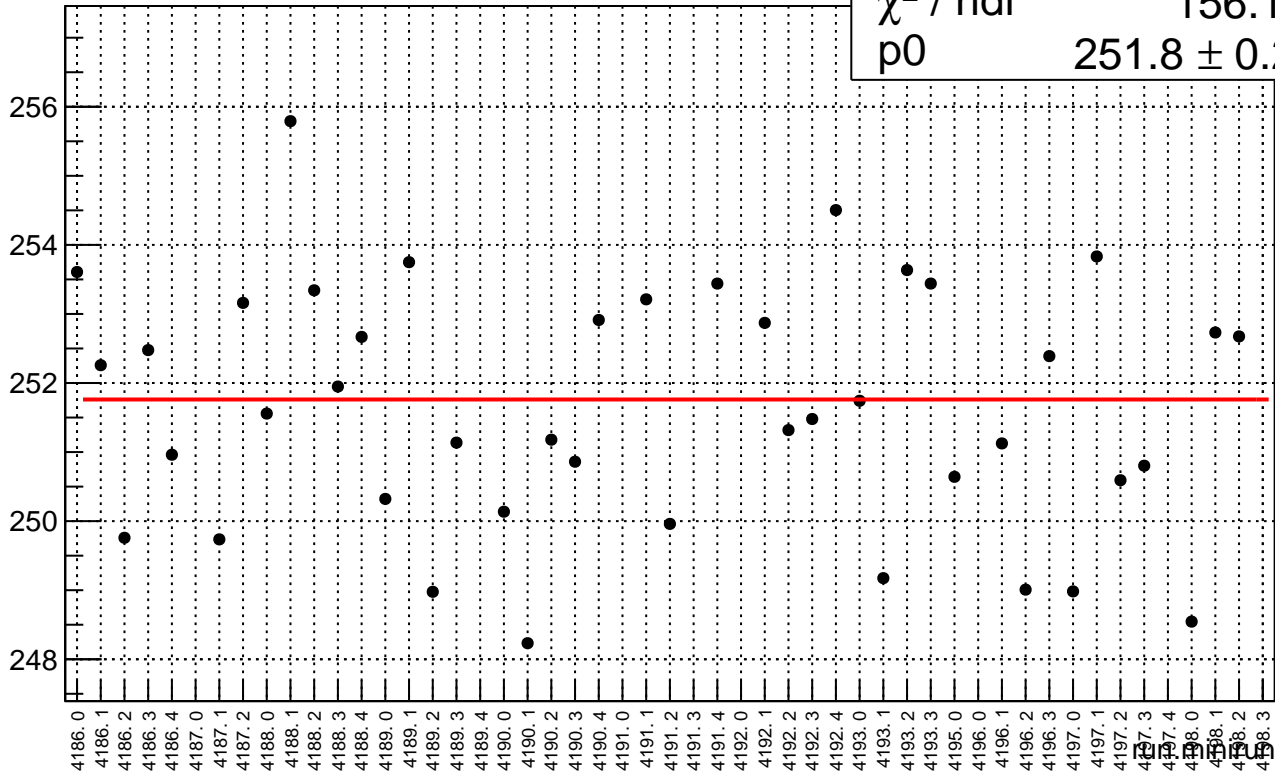
4186.0 4186.1 4186.2 4186.3 4186.4 4187.0 4187.1 4187.2 4188.0 4188.1 4188.2 4188.3 4188.4 4189.0 4189.1 4189.2 4189.3 4189.4 4190.0 4190.1 4190.2 4190.3 4190.4 4191.0 4191.1 4191.2 4191.3 4191.4 4192.0 4192.1 4192.2 4192.3 4192.4 4193.0 4193.1 4193.2 4193.3 4195.0 4196.0 4196.1 4196.2 4196.3 4197.0 4197.1 4197.2 4197.3 4197.4 4198.0 4198.1 4198.2 4198.3



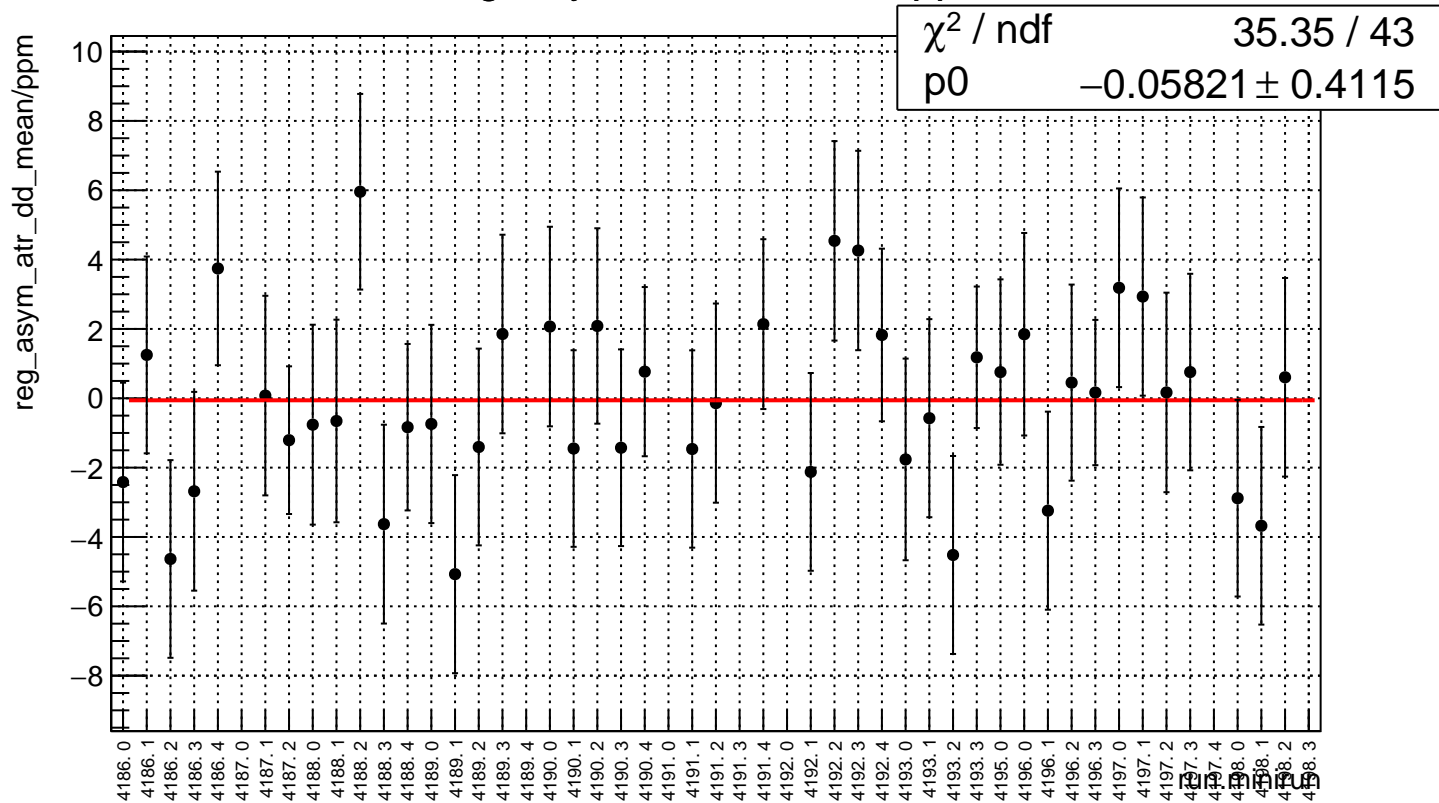
# reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  156.1 / 43  
 p0  $251.8 \pm 0.2873$

reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_rms/ppm



## reg\_asym\_atr\_dd\_mean/ppm



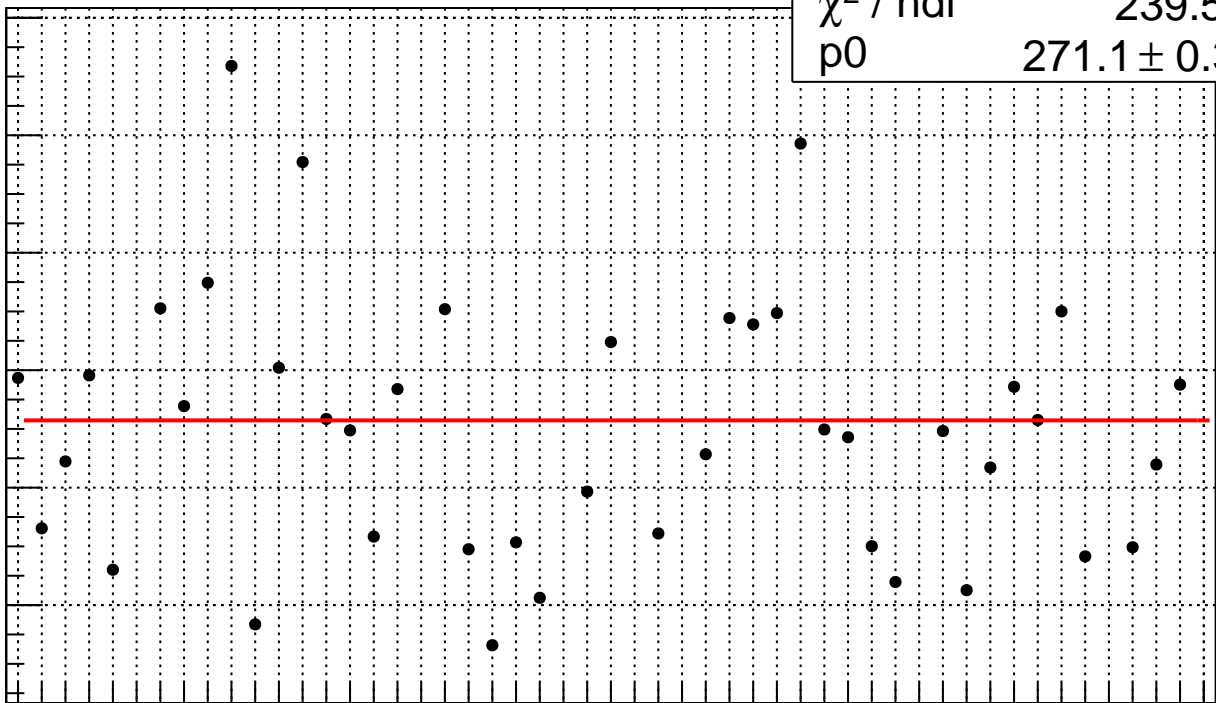
# reg\_asym\_atr\_dd\_rms/ppm

reg\_asym\_atr\_dd\_rms/ppm

278  
276  
274  
272  
270  
268

$\chi^2 / \text{ndf}$  239.5 / 43  
p0  $271.1 \pm 0.3558$

4186.0 4186.1 4186.2 4186.3 4186.4 4187.0 4187.1 4187.2 4188.0 4188.1 4188.2 4188.3 4188.4 4189.0 4189.1 4189.2 4189.3 4189.4 4190.0 4190.1 4190.2 4190.3 4190.4 4191.0 4191.1 4191.2 4191.3 4191.4 4192.0 4192.1 4192.2 4192.3 4192.4 4193.0 4193.1 4193.2 4193.3 4195.0 4196.0 4196.1 4196.2 4196.3 4197.0 4197.1 4197.2 4197.3 4197.4 4198.0 4198.1 4198.2 4198.3

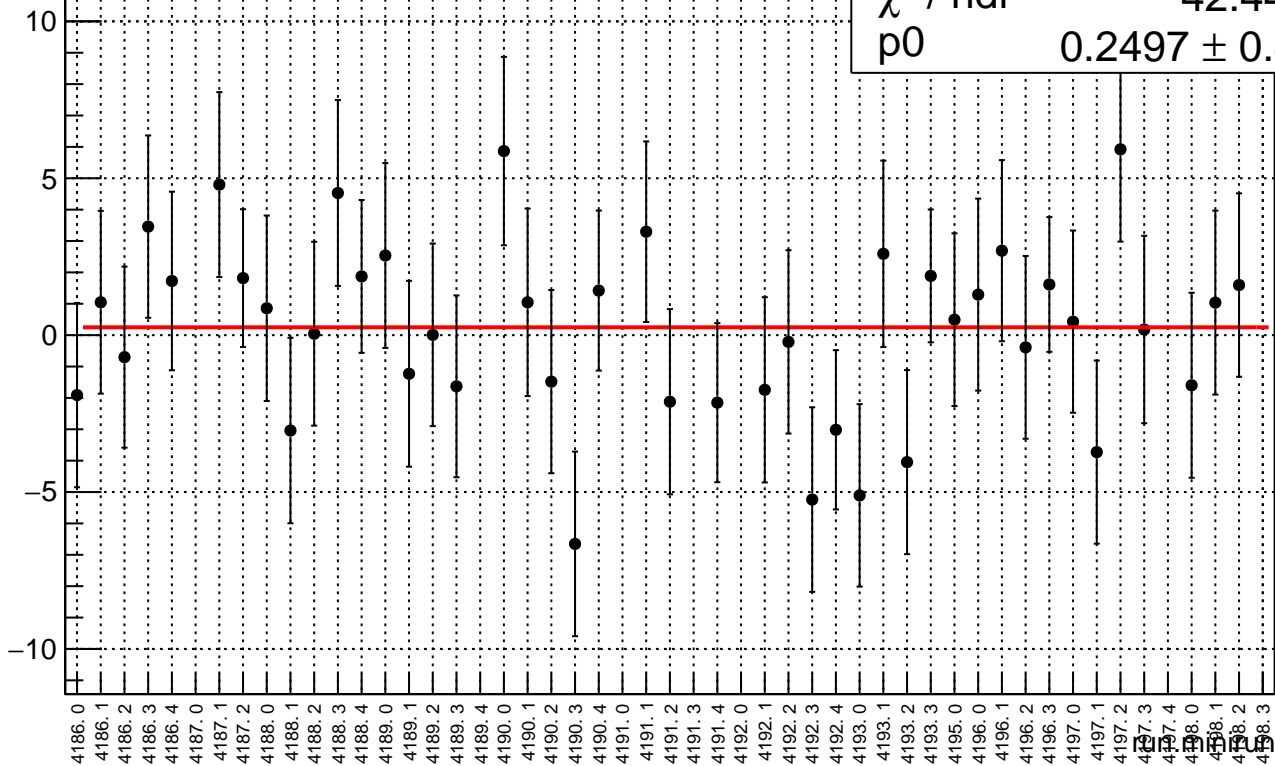




# reg\_asym\_atr\_avg\_mean/ppm

reg\_asym\_atr\_avg\_mean/ppm

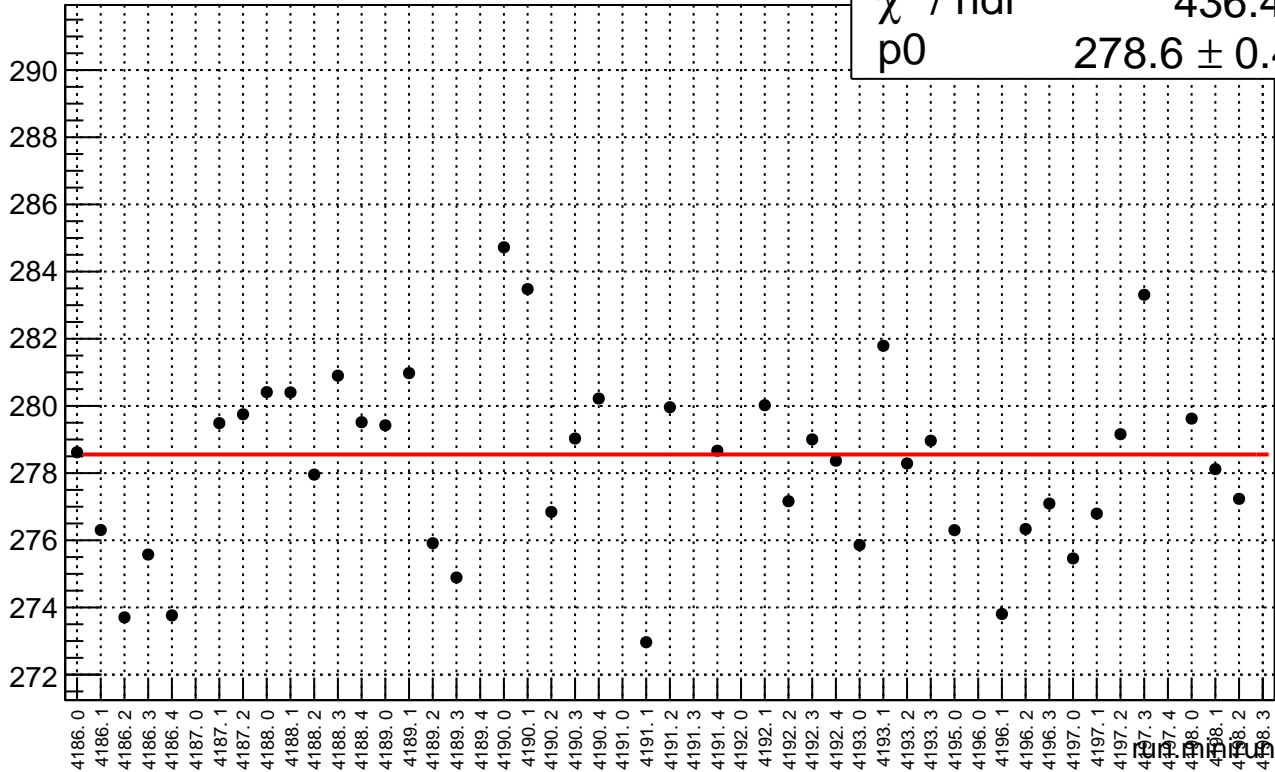
$\chi^2 / \text{ndf}$  42.44 / 43  
 p0  $0.2497 \pm 0.4228$



# reg\_asym\_atr\_avg\_rms/ppm

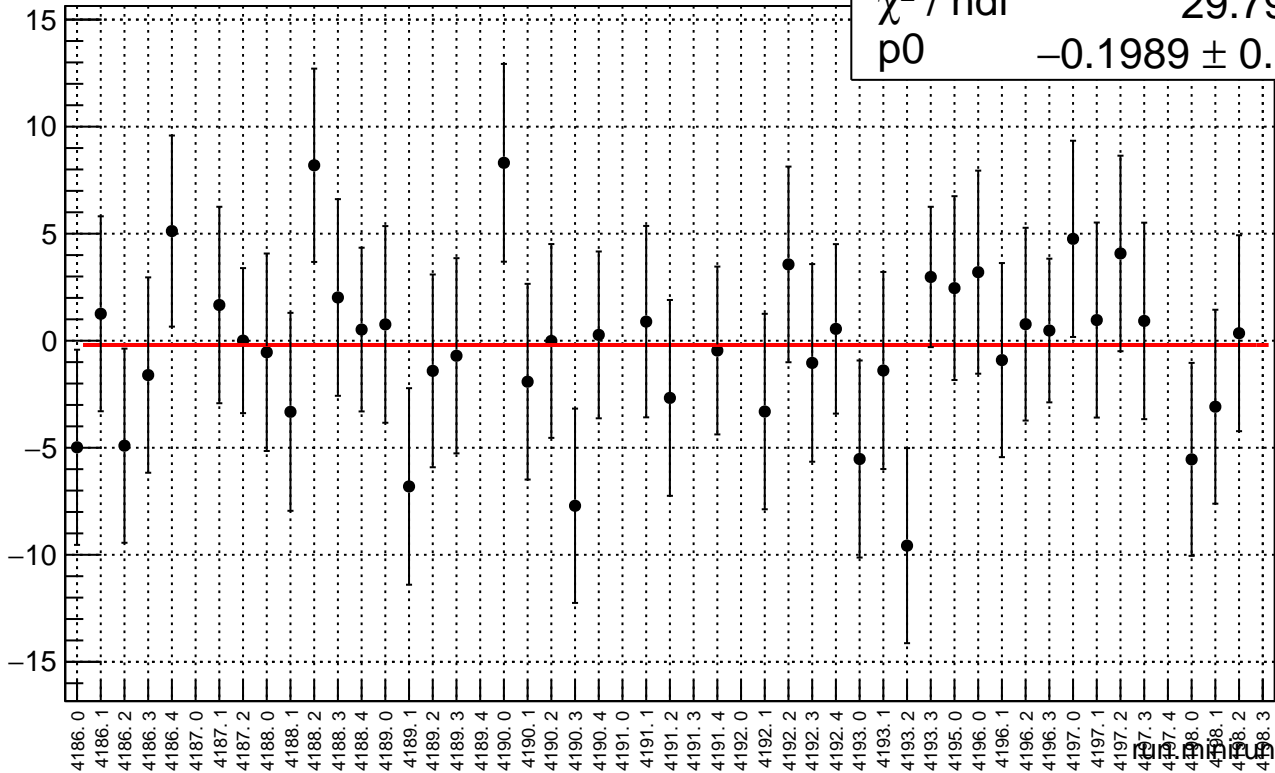
$\chi^2 / \text{ndf}$  436.4 / 43  
 p0  $278.6 \pm 0.4803$

reg\_asym\_atr\_avg\_rms/ppm



# reg\_asym\_atr1\_reg\_asym\_usr\_dd\_mean/ppm

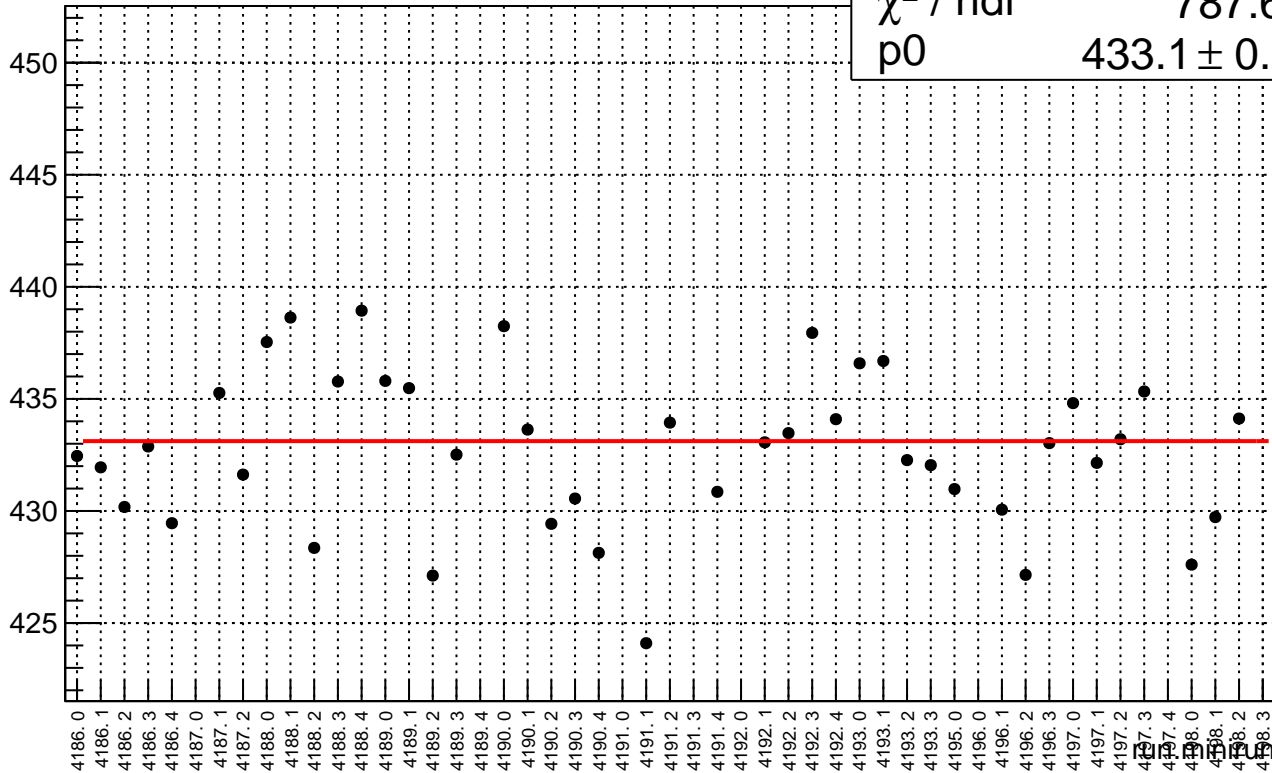
reg\_asym\_atr1\_reg\_asym\_usr\_dd\_mean/ppm



# reg\_asym\_atr1\_reg\_asym\_usr\_dd\_rms/ppm

reg\_asym\_atr1\_reg\_asym\_usr\_dd\_rms/ppm

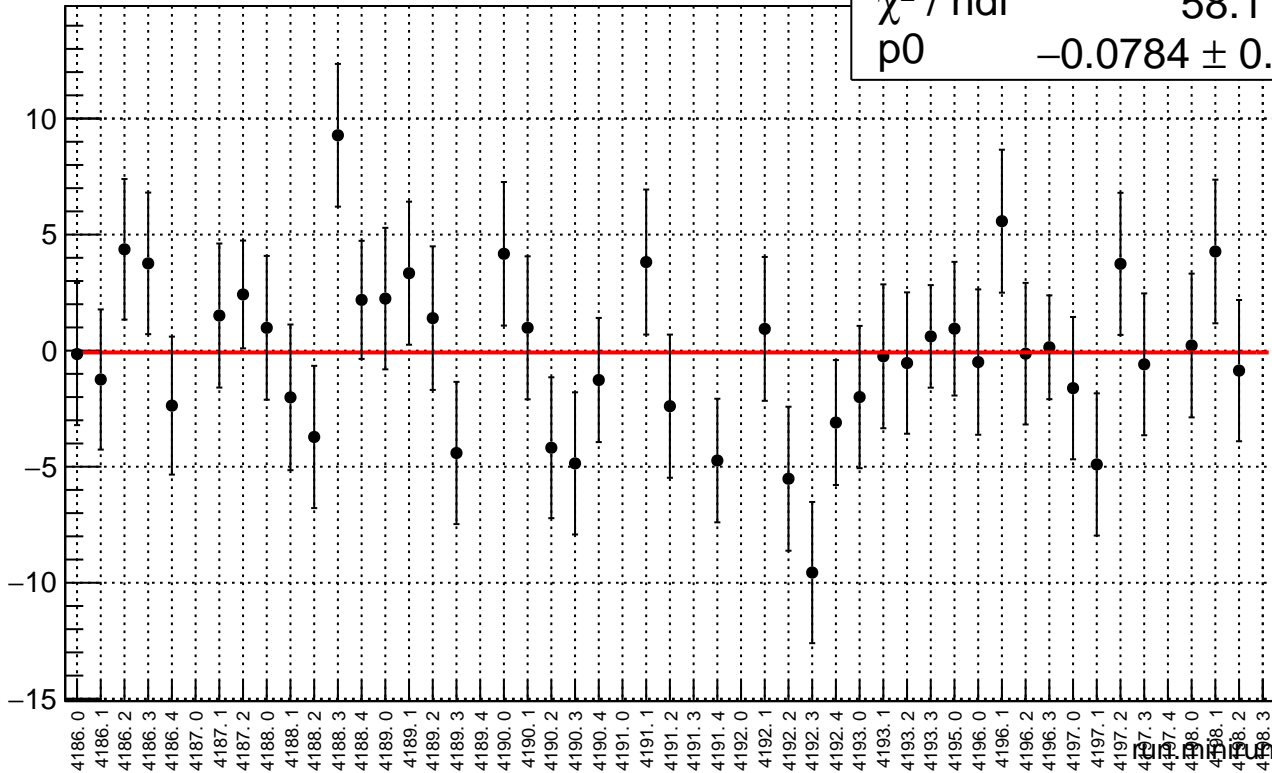
$\chi^2 / \text{ndf}$  787.6 / 43  
 p0  $433.1 \pm 0.6452$



reg\_asym\_atr2\_reg\_asym\_usr\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  58.11 / 43  
p0  $-0.0784 \pm 0.4427$

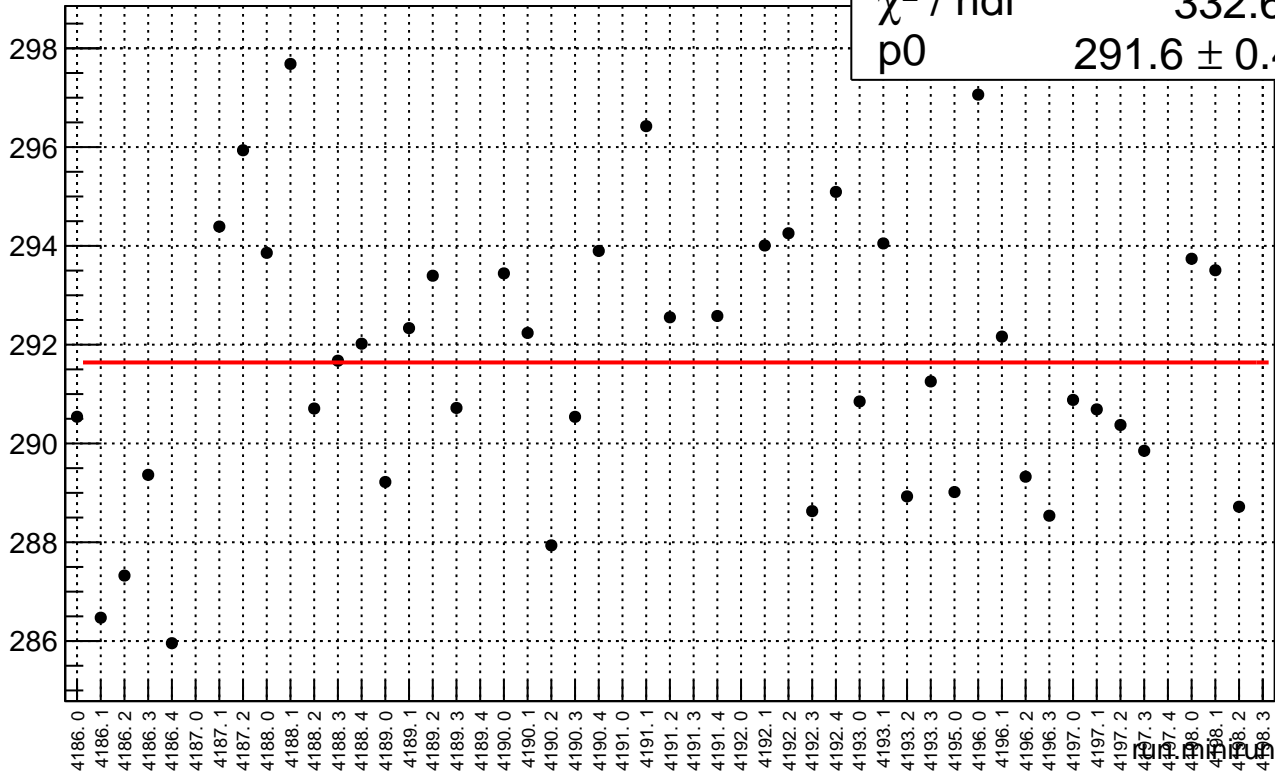
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_mean/ppm



reg\_asym\_atr2\_reg\_asym\_usr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  332.6 / 43  
p0 291.6 ± 0.4193

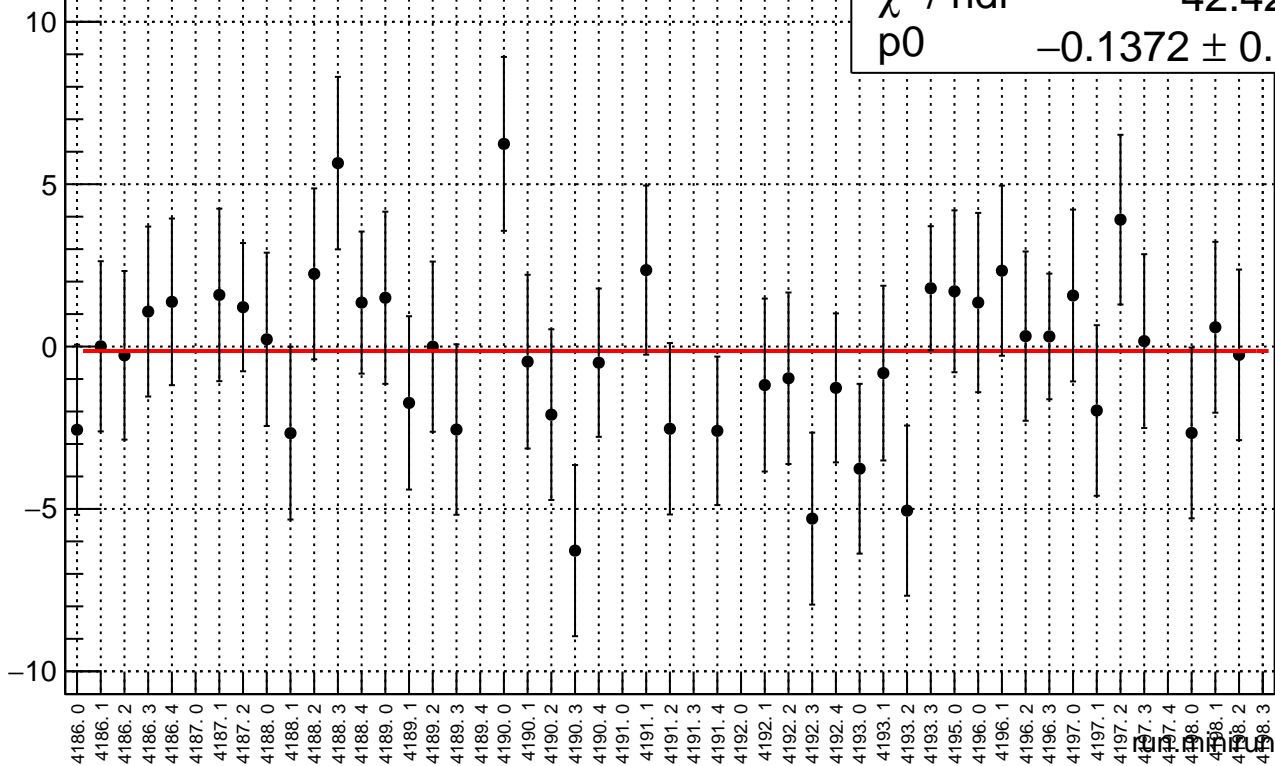
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_rms/ppm



reg\_asym\_atr\_avg\_reg\_asym\_usr\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  42.42 / 43  
p0  $-0.1372 \pm 0.3804$

reg\_asym\_atr\_avg\_reg\_asym\_usr\_dd\_mean/ppm



reg\_asym\_atr\_avg\_reg\_asym\_usr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  321.4 / 43  
p0 250.6 ± 0.4121

reg\_asym\_atr\_avg\_reg\_asym\_usr\_dd\_rms/ppm

