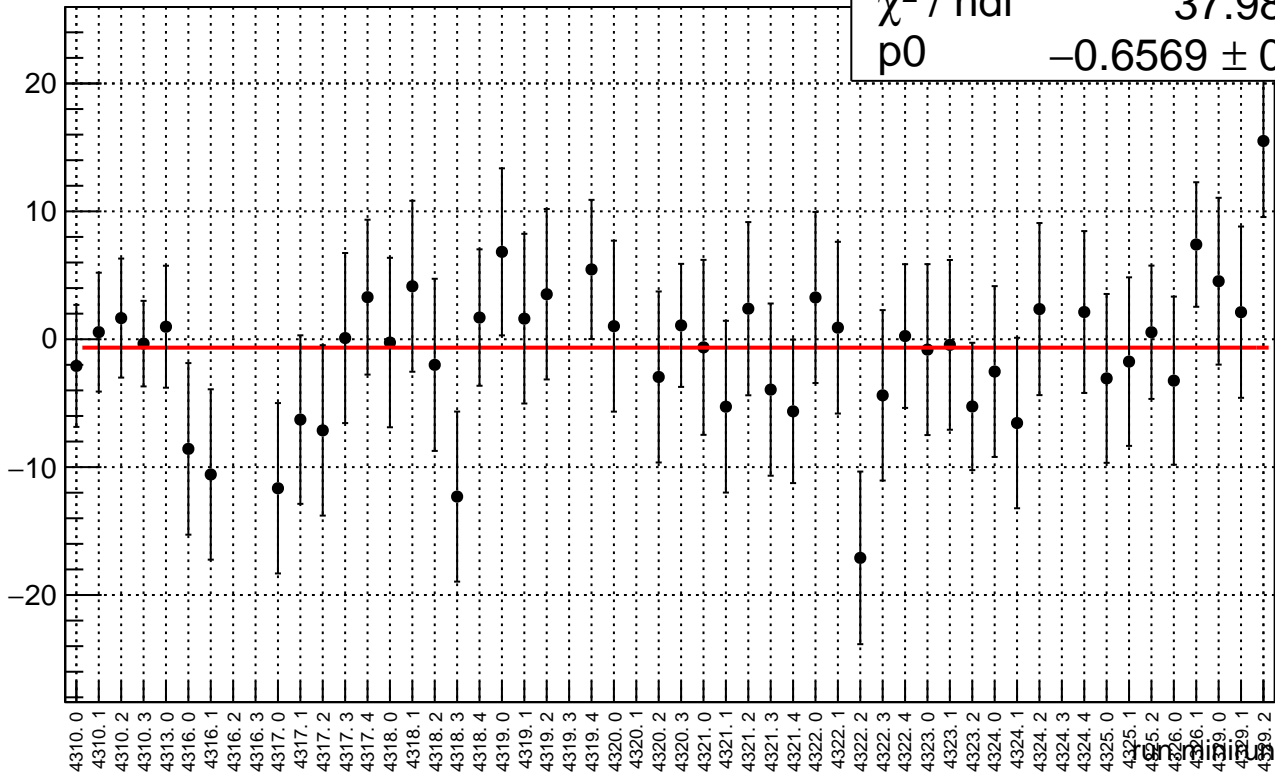


reg\_asym\_atl1\_mean/ppm

$\chi^2 / \text{ndf}$  37.98 / 48  
p0  $-0.6569 \pm 0.849$

reg\_asym\_atl1\_mean/ppm

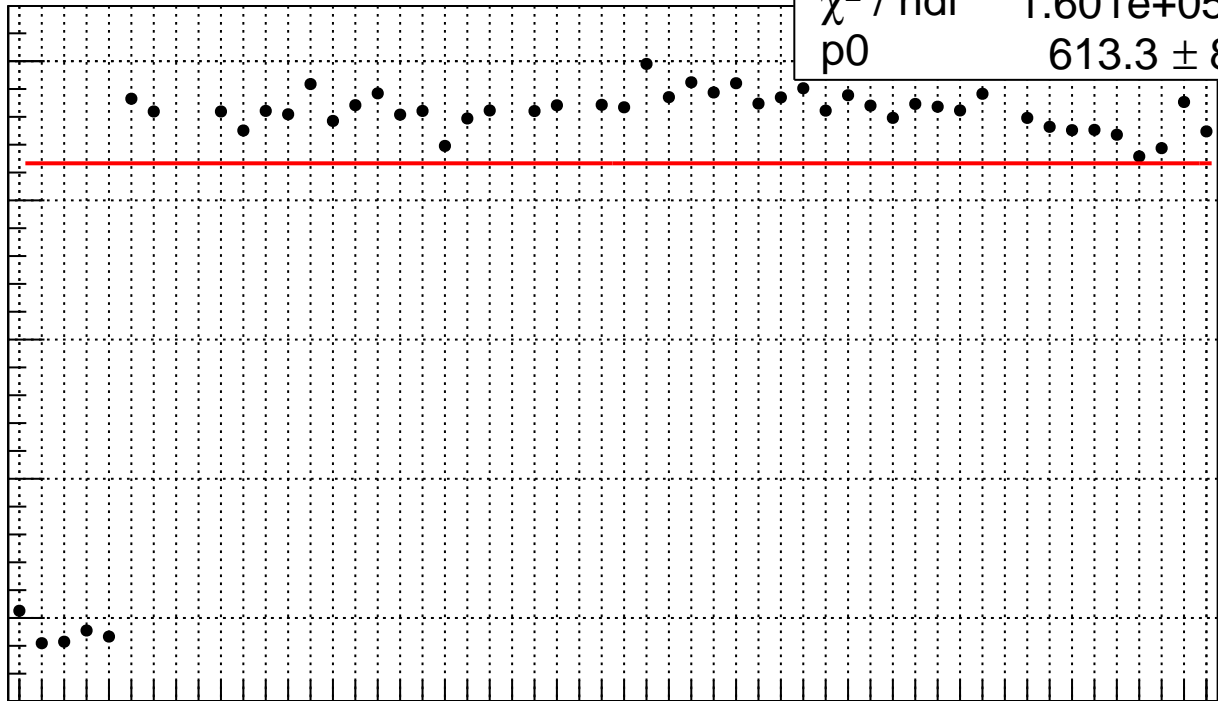


# reg\_asym\_atl1\_rms/ppm

reg\_asym\_atl1\_rms/ppm

650  
600  
550  
500  
450

$\chi^2 / \text{ndf}$  1.601e+05 / 48  
p0 613.3 ± 8.251

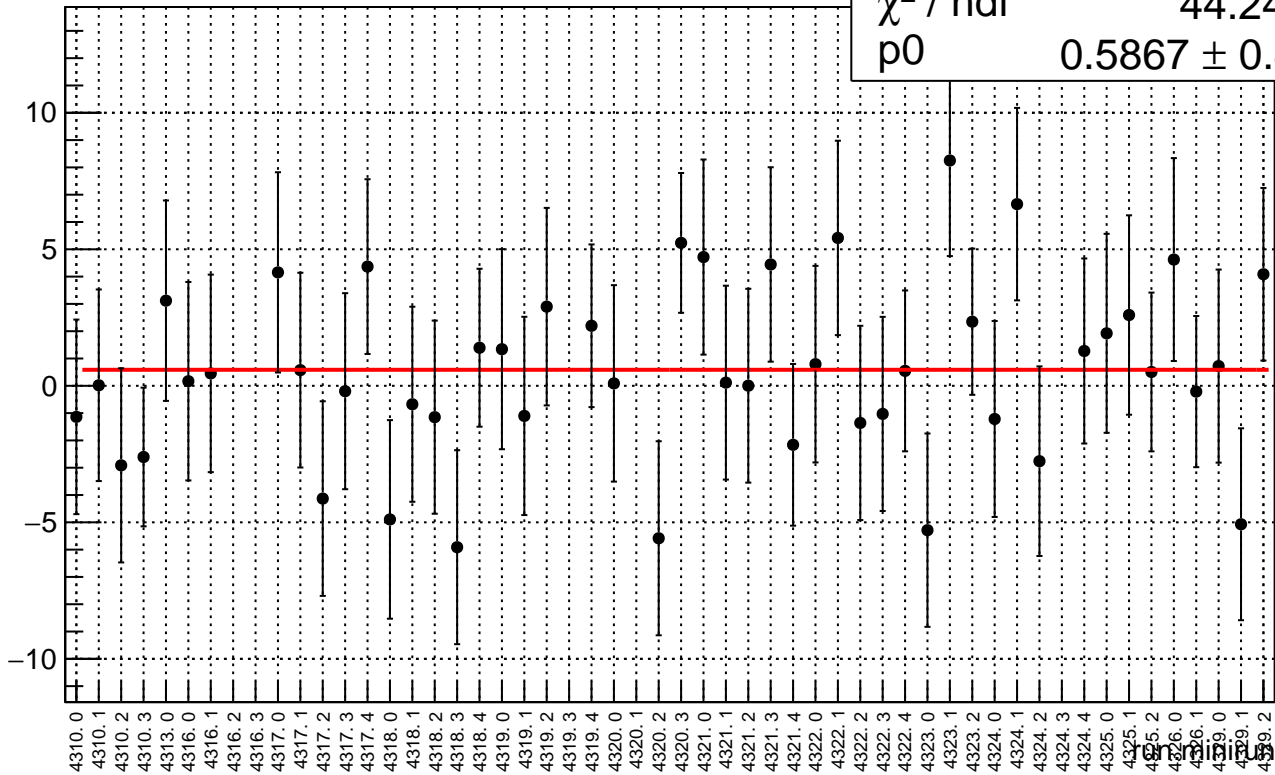


4310.0  
4310.1  
4310.2  
4310.3  
4313.0  
4316.0  
4316.1  
4316.2  
4316.3  
4317.0  
4317.1  
4317.2  
4317.3  
4317.4  
4318.0  
4318.1  
4318.2  
4318.3  
4318.4  
4319.0  
4319.1  
4319.2  
4319.3  
4319.4  
4320.0  
4320.1  
4320.2  
4320.3  
4321.0  
4321.1  
4321.2  
4321.3  
4321.4  
4322.0  
4322.1  
4322.2  
4322.3  
4322.4  
4323.0  
4323.1  
4323.2  
4324.0  
4324.1  
4324.2  
4324.3  
4324.4  
4325.0  
4325.1  
4325.2  
4326.0  
4326.1  
4329.0  
4329.1  
4329.2

# reg\_asym\_atl2\_mean/ppm

reg\_asym\_atl2\_mean/ppm

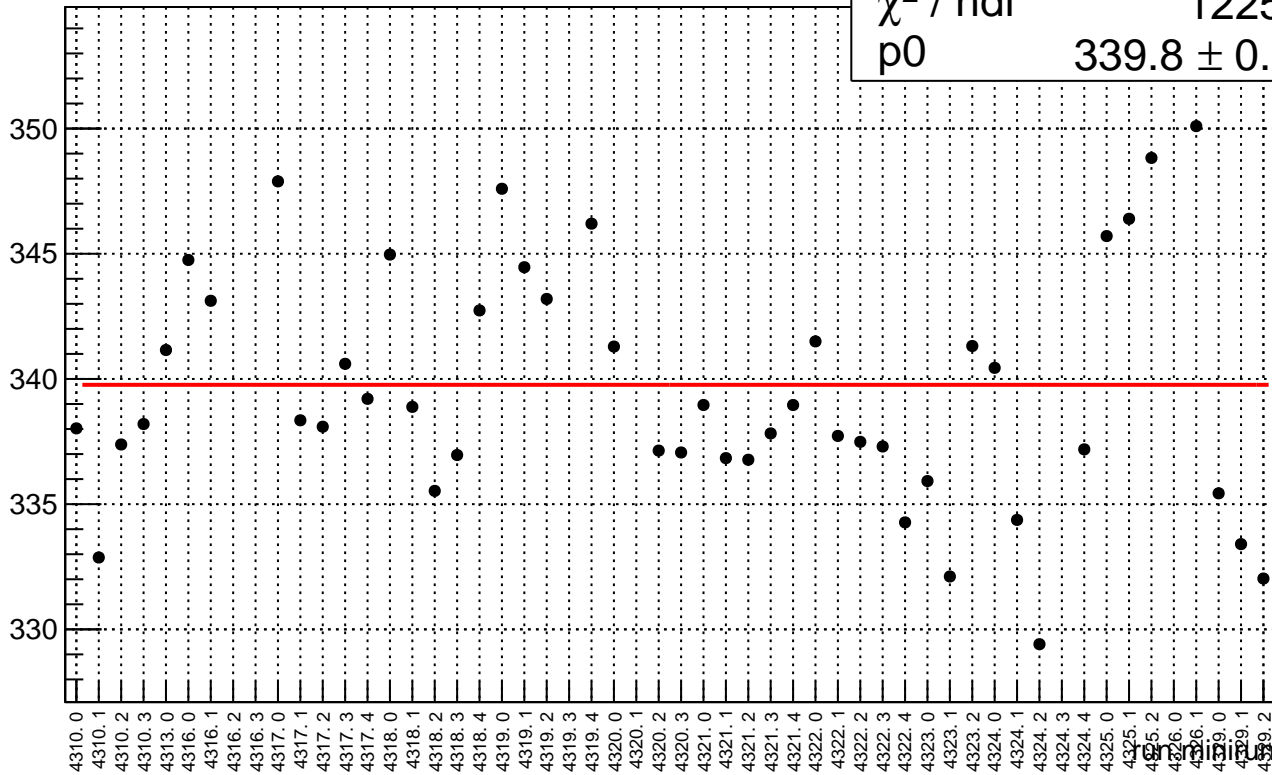
$\chi^2 / \text{ndf}$  44.24 / 48  
 p0  $0.5867 \pm 0.4806$



reg\_asym\_atl2\_rms/ppm

$\chi^2 / \text{ndf}$  1225 / 48  
p0 339.8  $\pm$  0.7217

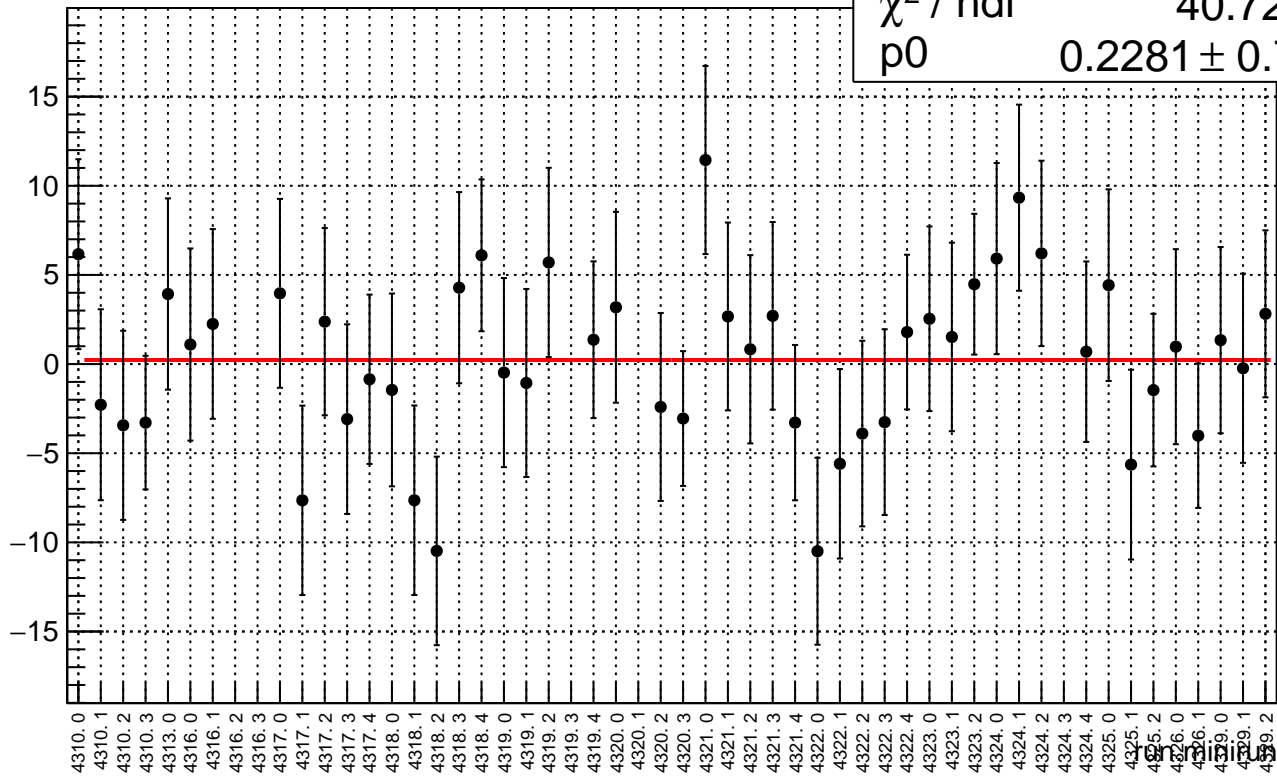
reg\_asym\_atl2\_rms/ppm



reg\_asym\_atr1\_mean/ppm

$\chi^2 / \text{ndf}$  40.72 / 48  
p0  $0.2281 \pm 0.7106$

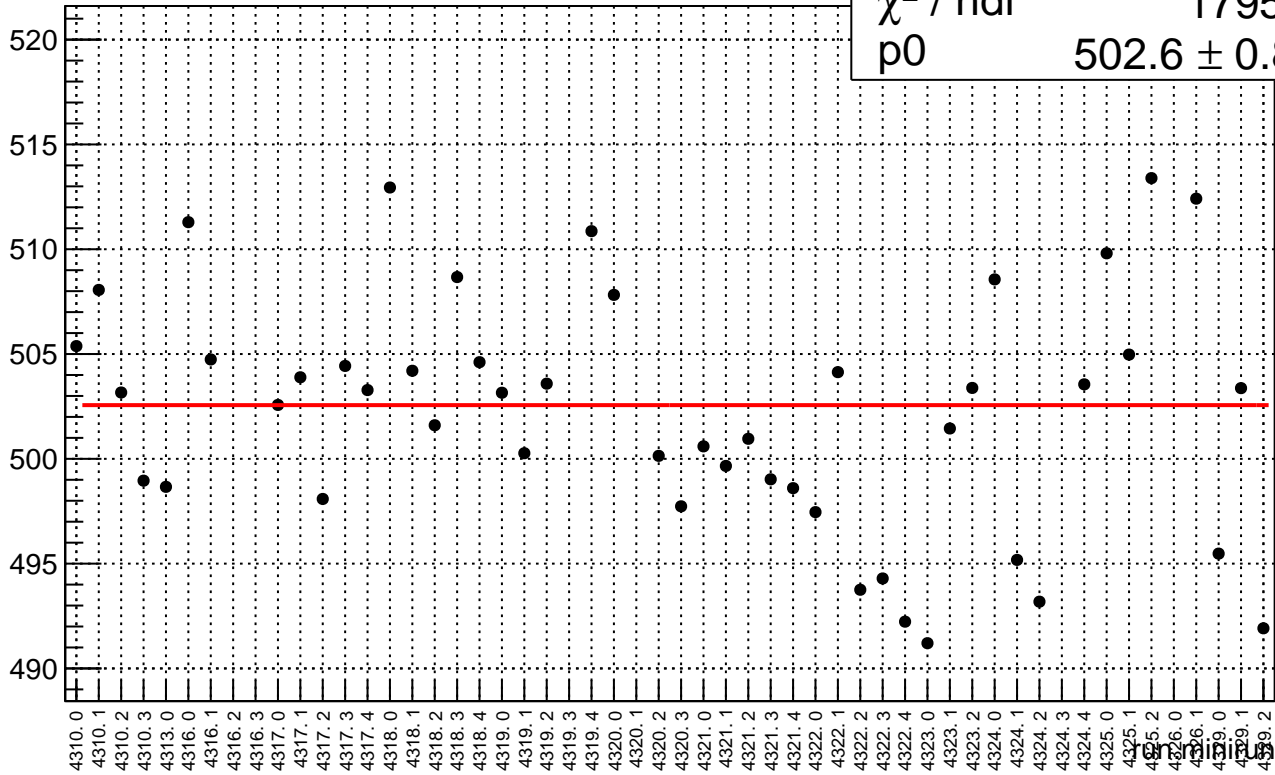
reg\_asym\_atr1\_mean/ppm



reg\_asym\_atr1\_rms/ppm

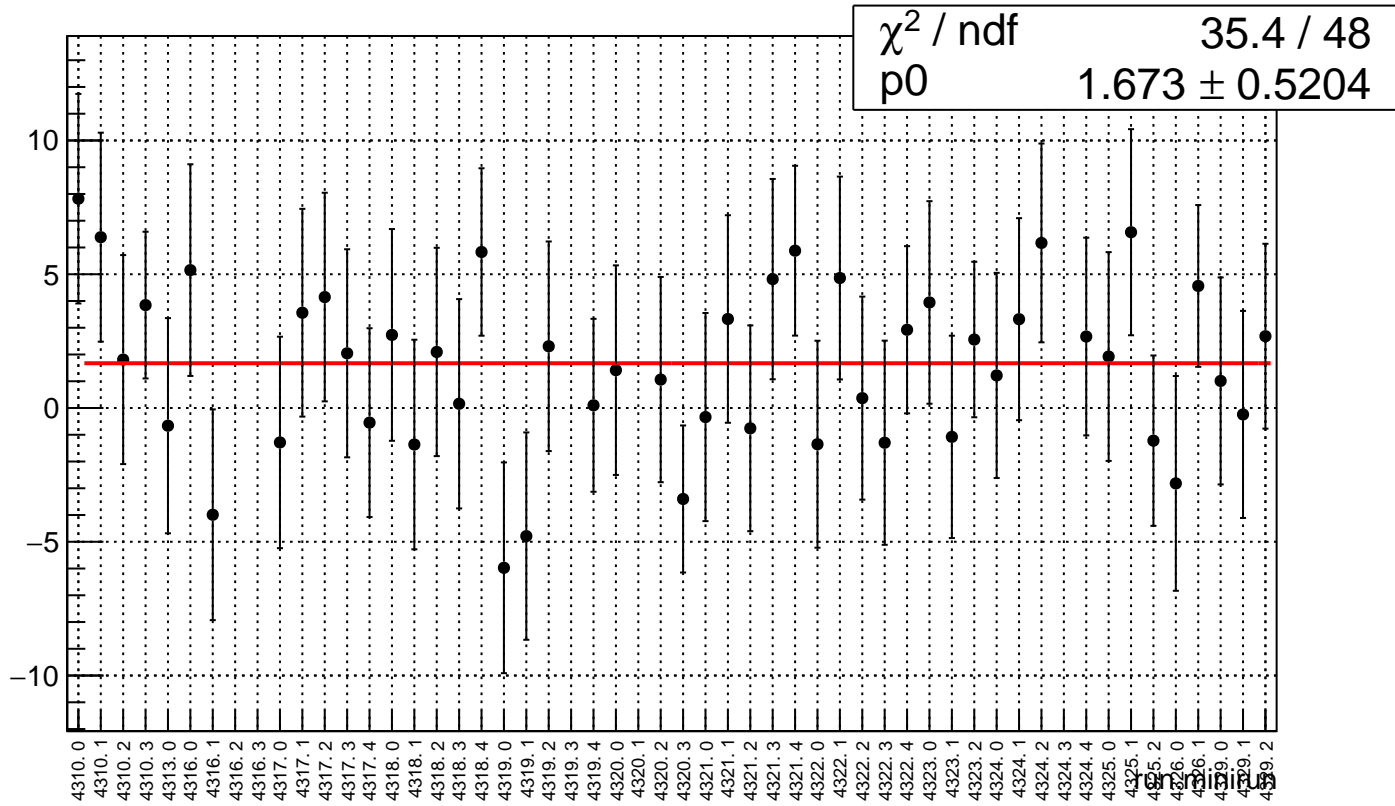
$\chi^2 / \text{ndf}$  1795 / 48  
p0 502.6 ± 0.8737

reg\_asym\_atr1\_rms/ppm

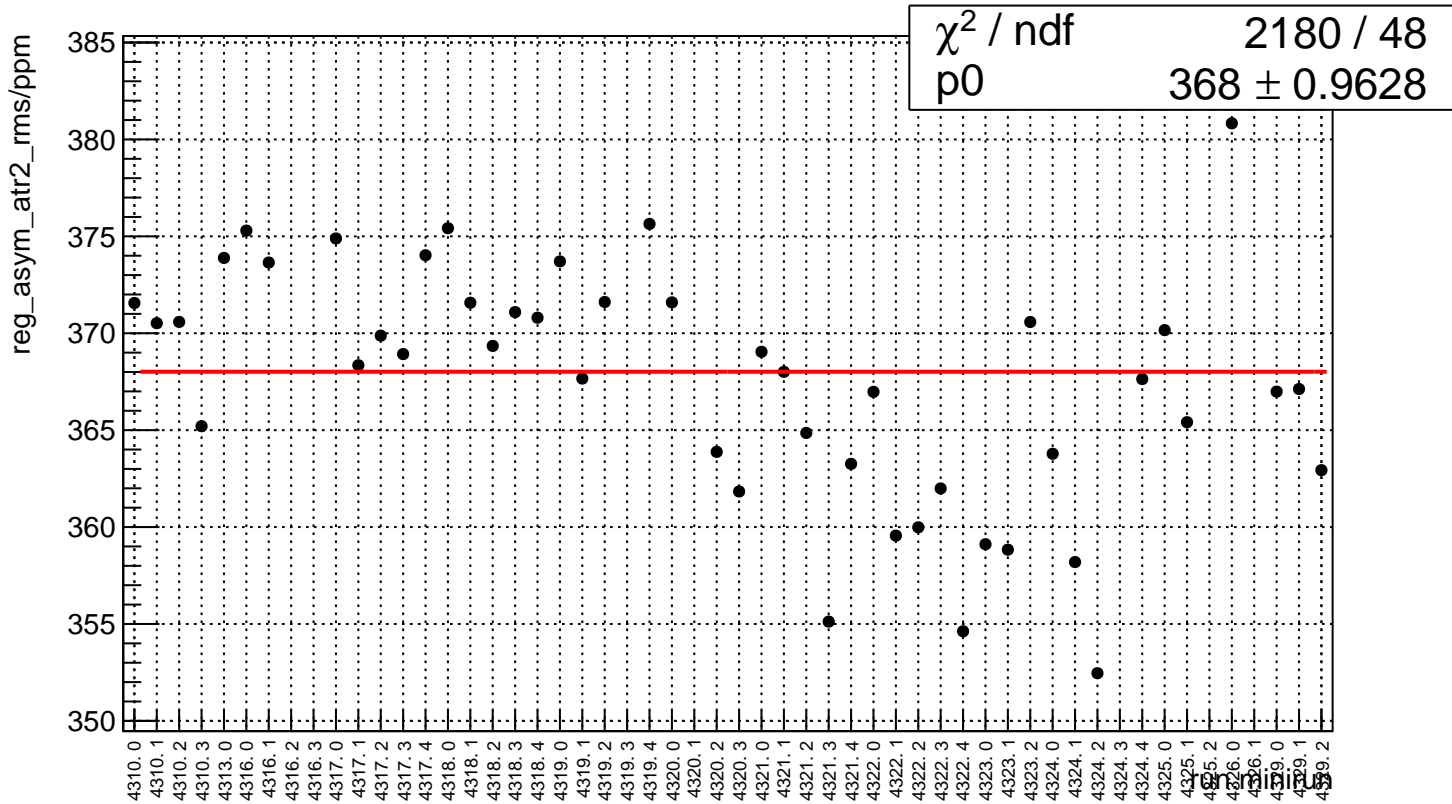


## reg\_asym\_atr2\_mean/ppm

reg\_asym\_atr2\_mean/ppm



# reg\_asym\_atr2\_rms/ppm





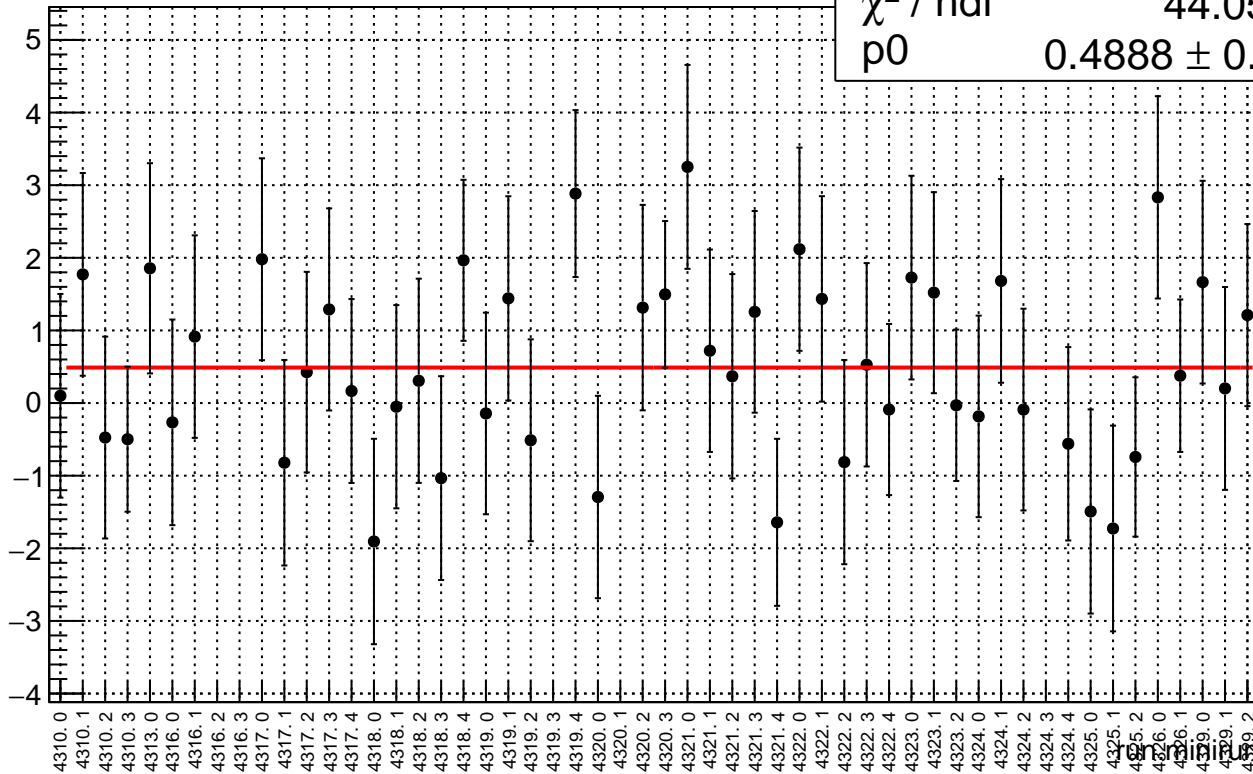
reg\_asym\_usl\_mean/ppm

$\chi^2 / \text{ndf}$   
p0

44.05 / 48

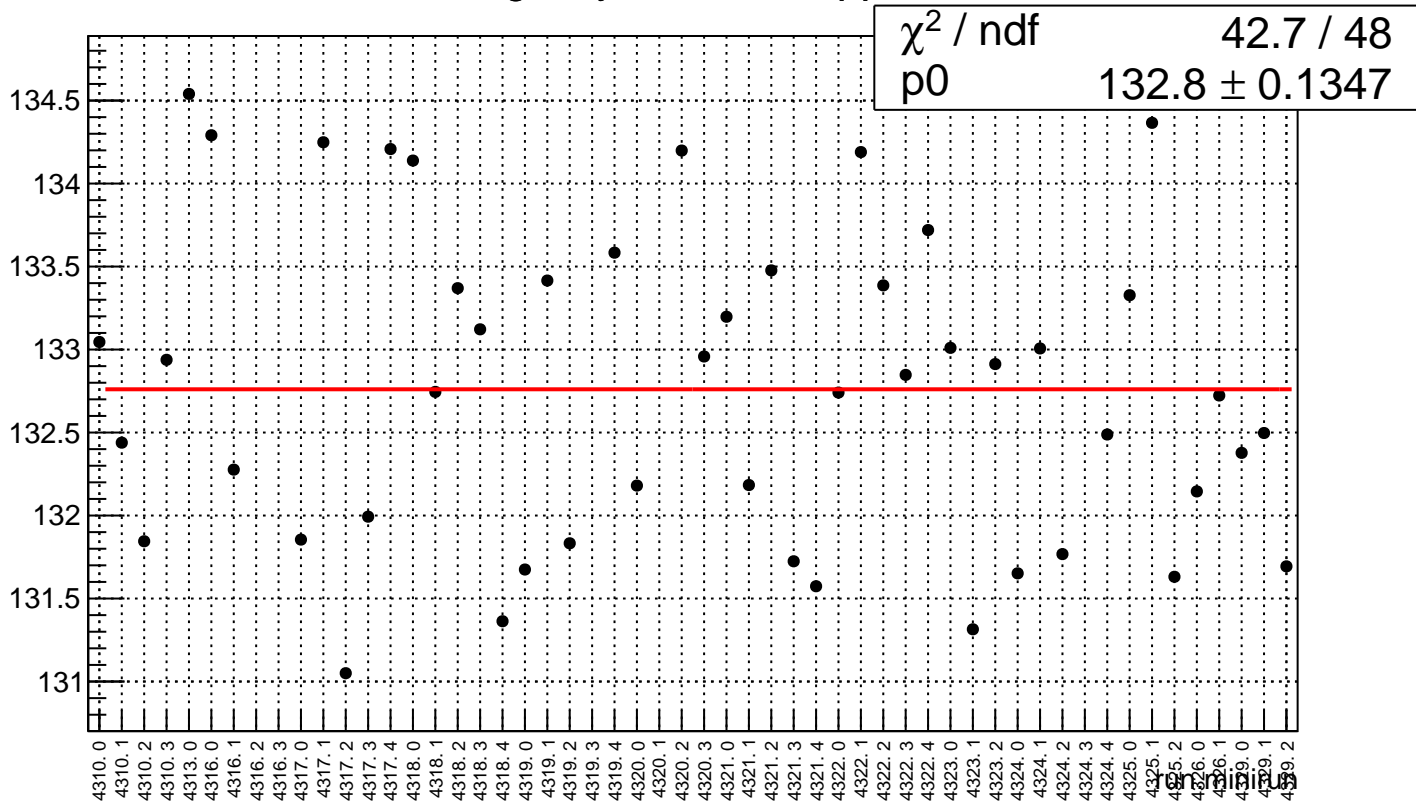
$0.4888 \pm 0.1877$

reg\_asym\_usl\_mean/ppm



# reg\_asym\_usl\_rms/ppm

reg\_asym\_usl\_rms/ppm

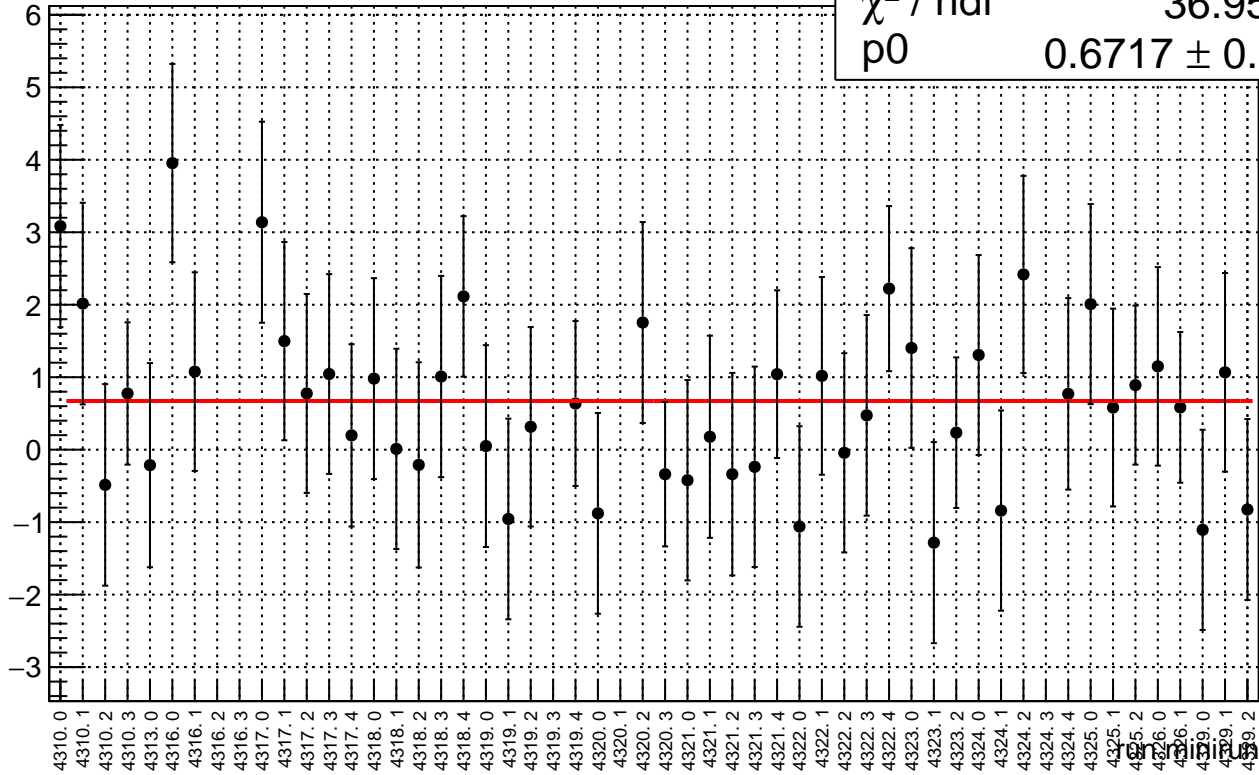


reg\_asym\_usr\_mean/ppm

$\chi^2 / \text{ndf}$   
p0

36.95 / 48  
 $0.6717 \pm 0.1855$

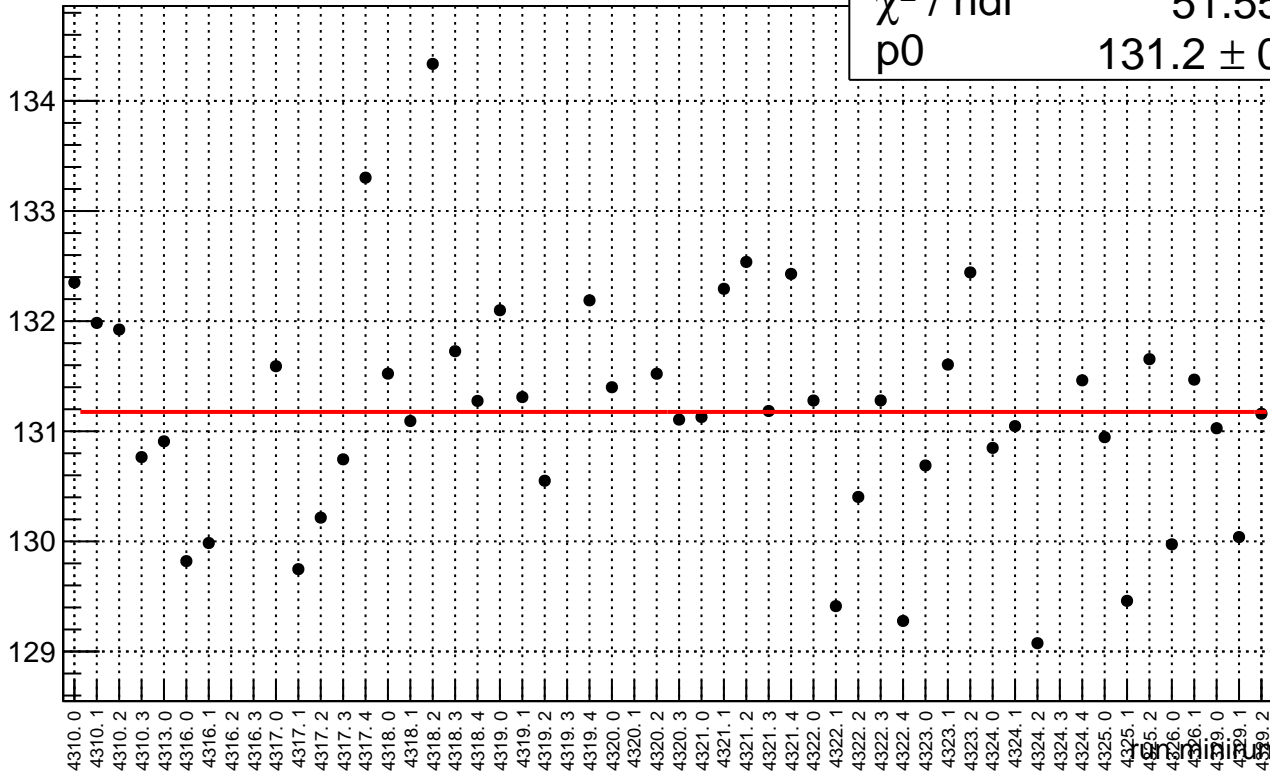
reg\_asym\_usr\_mean/ppm



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  51.55 / 48  
p0 131.2  $\pm$  0.148

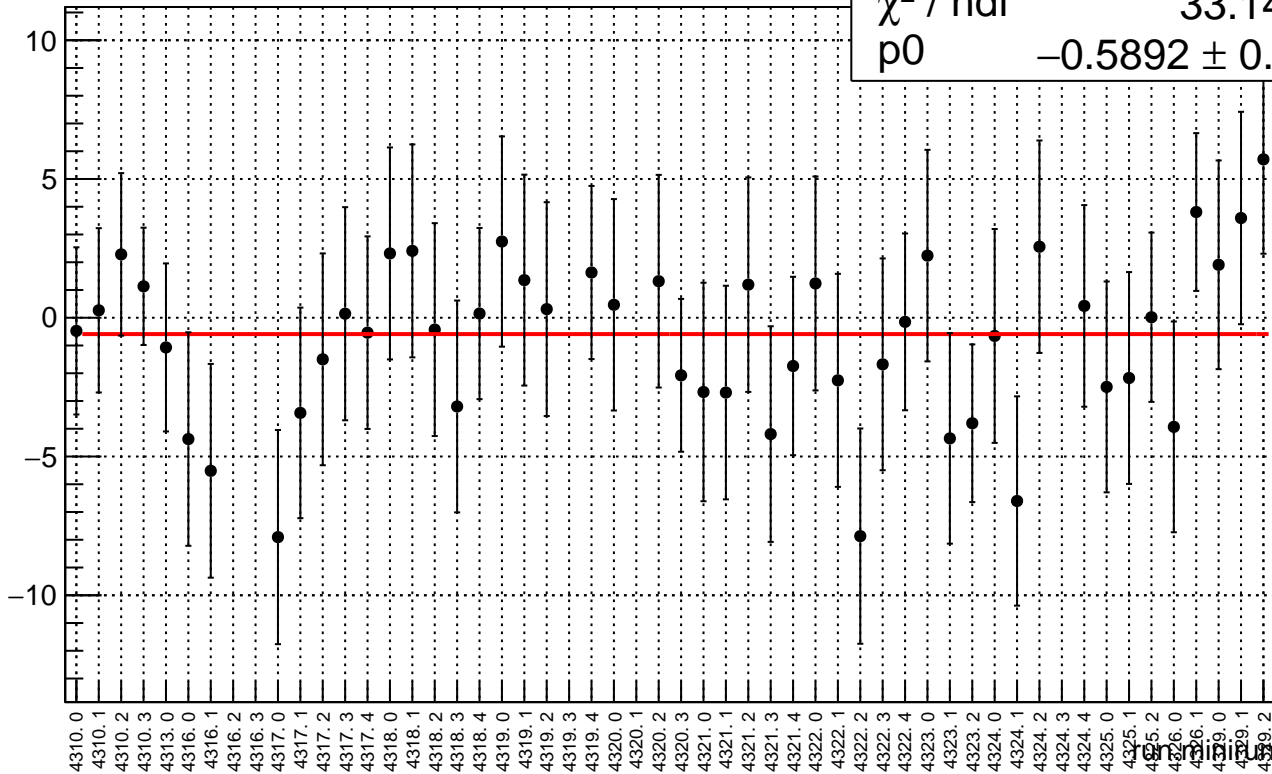
reg\_asym\_usr\_rms/ppm



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

reg\_asym\_atl\_dd\_mean/ppm

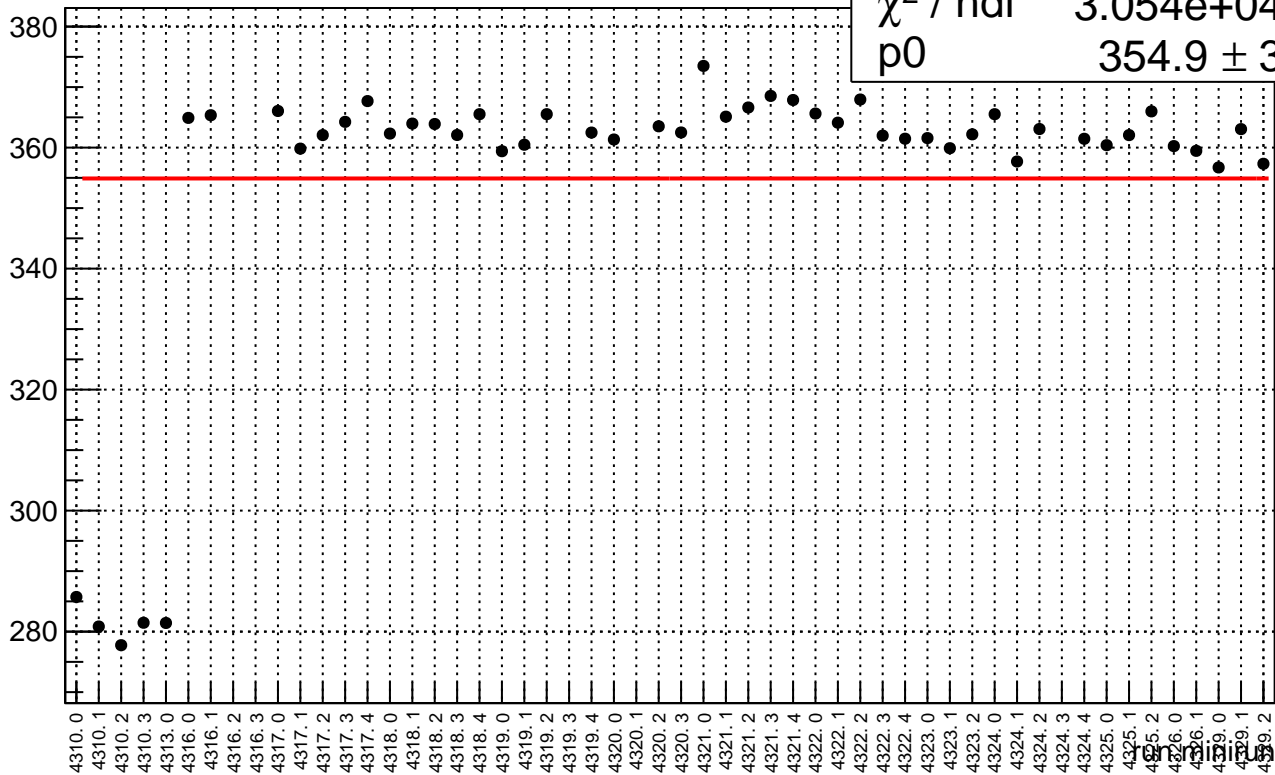
$\chi^2 / \text{ndf}$  33.14 / 48  
 p0  $-0.5892 \pm 0.4963$



reg\_asym\_atl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  3.054e+04 / 48  
p0 354.9 ± 3.603

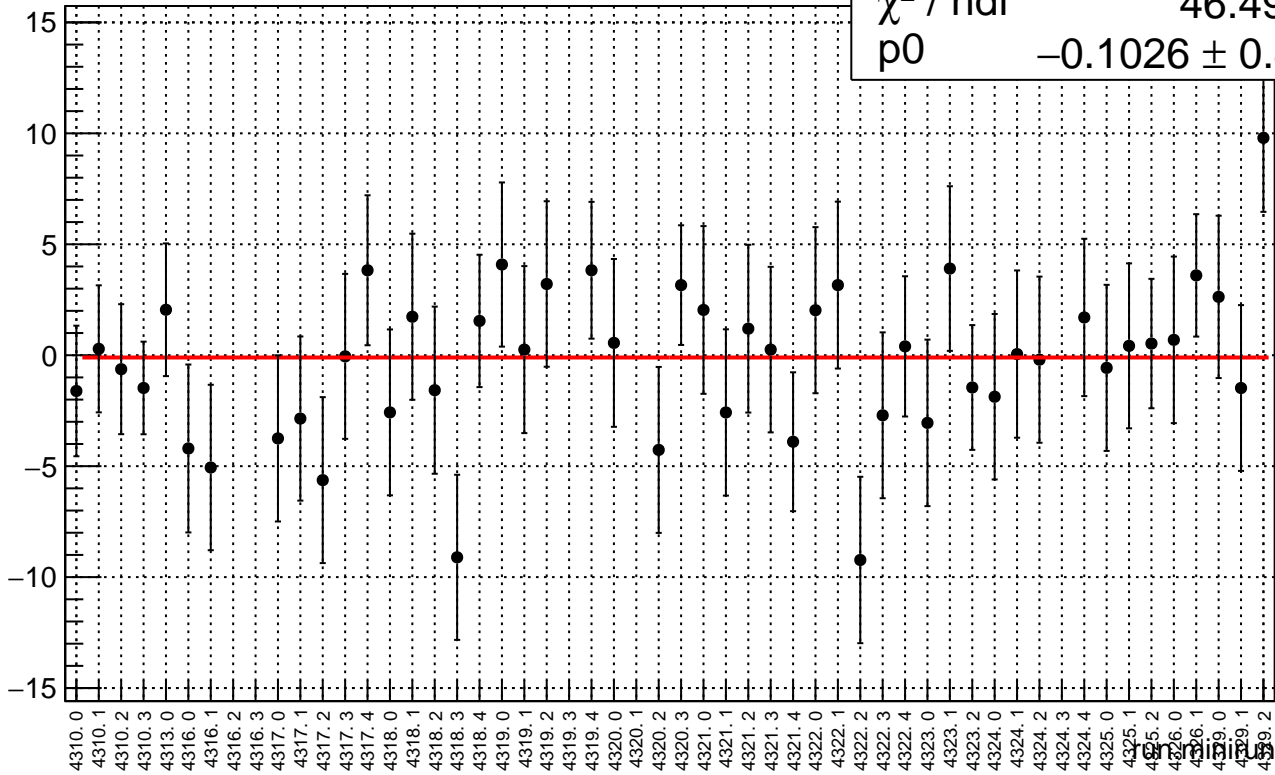
reg\_asym\_atl\_dd\_rms/ppm



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

reg\_asym\_atl\_avg\_mean/ppm

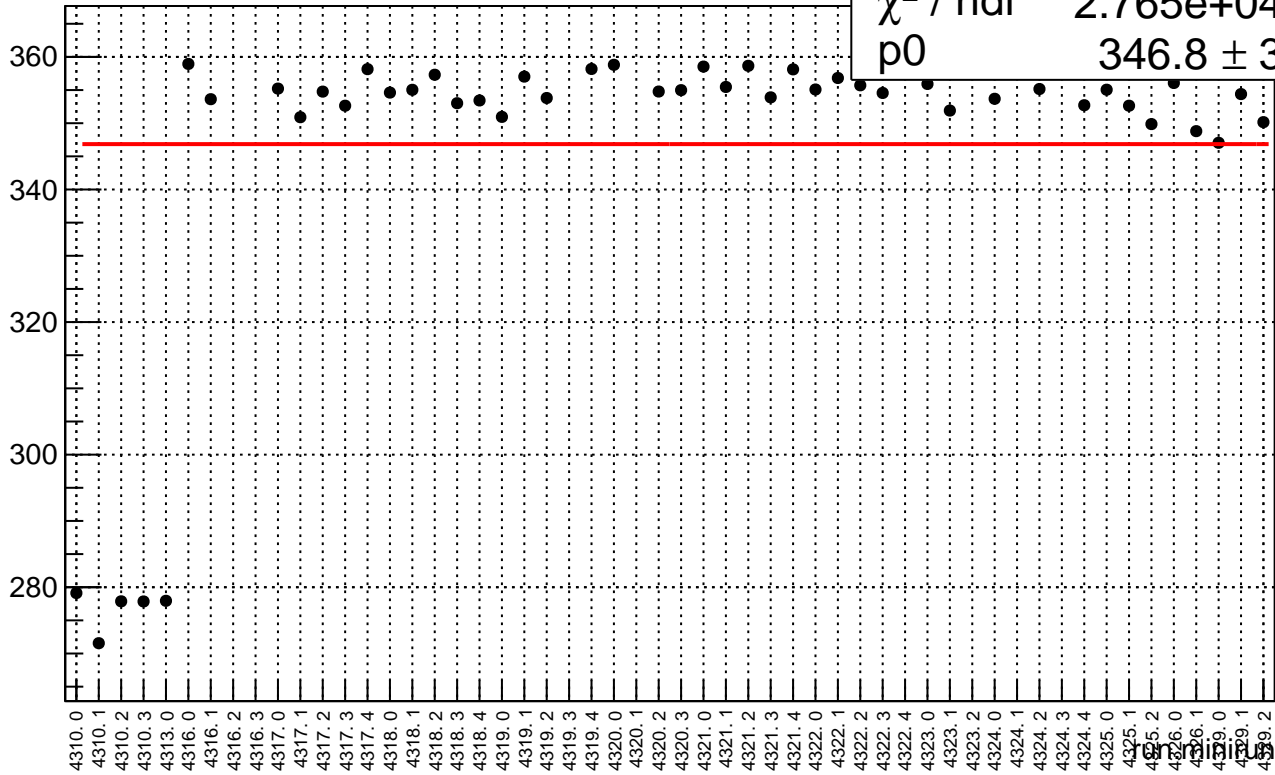
$\chi^2 / \text{ndf}$  46.49 / 48  
 $p_0$   $-0.1026 \pm 0.4854$



reg\_asym\_atl\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  2.765e+04 / 48  
p0 346.8  $\pm$  3.429

reg\_asym\_atl\_avg\_rms/ppm

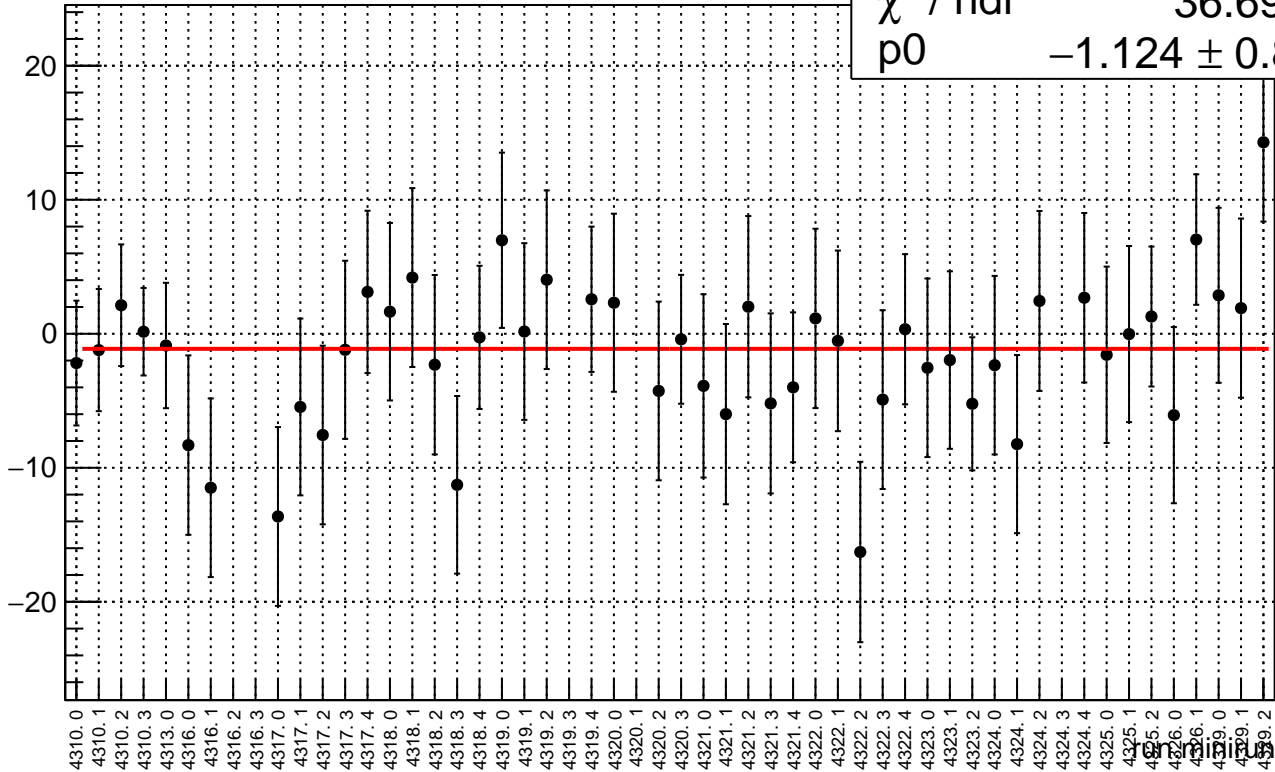




# reg\_asym\_atl1\_reg\_asym\_usl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  36.69 / 48  
 p0  $-1.124 \pm 0.8443$

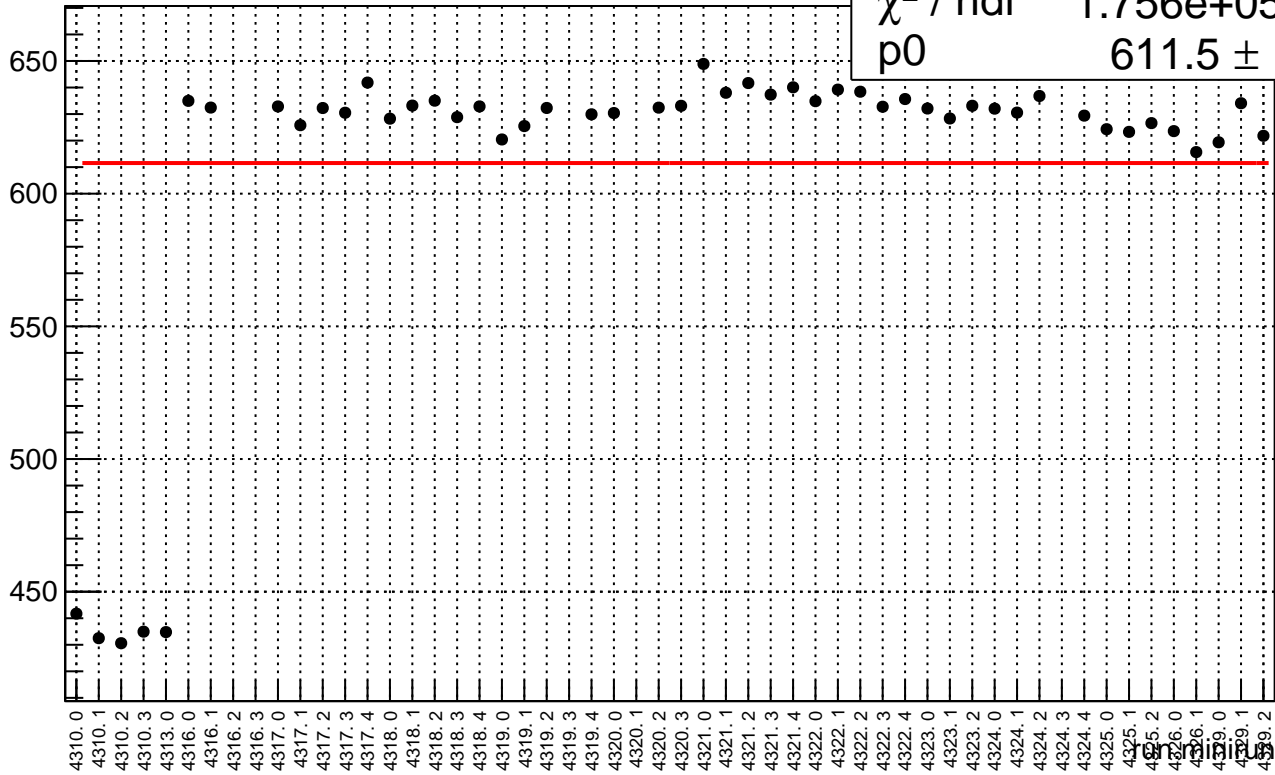
reg\_asym\_atl1\_reg\_asym\_usl\_dd\_mean/ppm



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

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

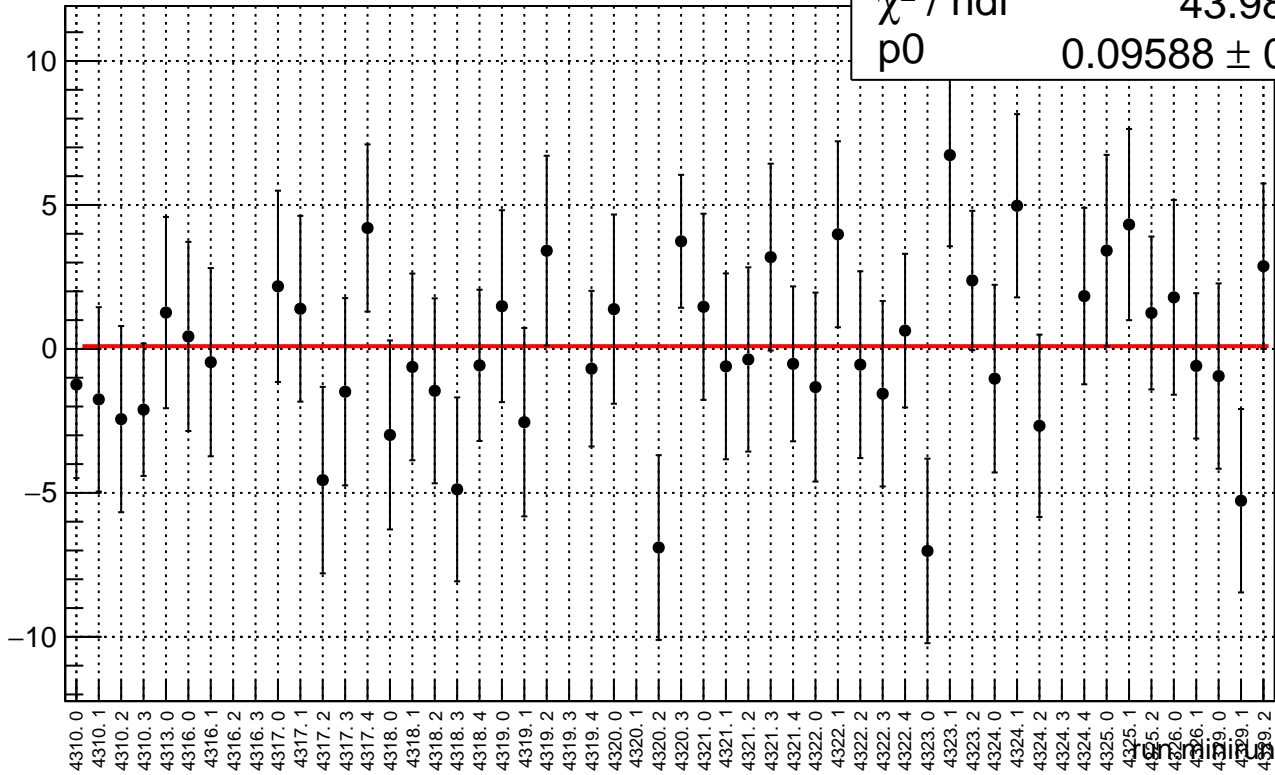
$\chi^2 / \text{ndf}$  1.756e+05 / 48  
 p0 611.5 ± 8.64



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

$\chi^2 / \text{ndf}$  43.98 / 48  
 p0  $0.09588 \pm 0.436$

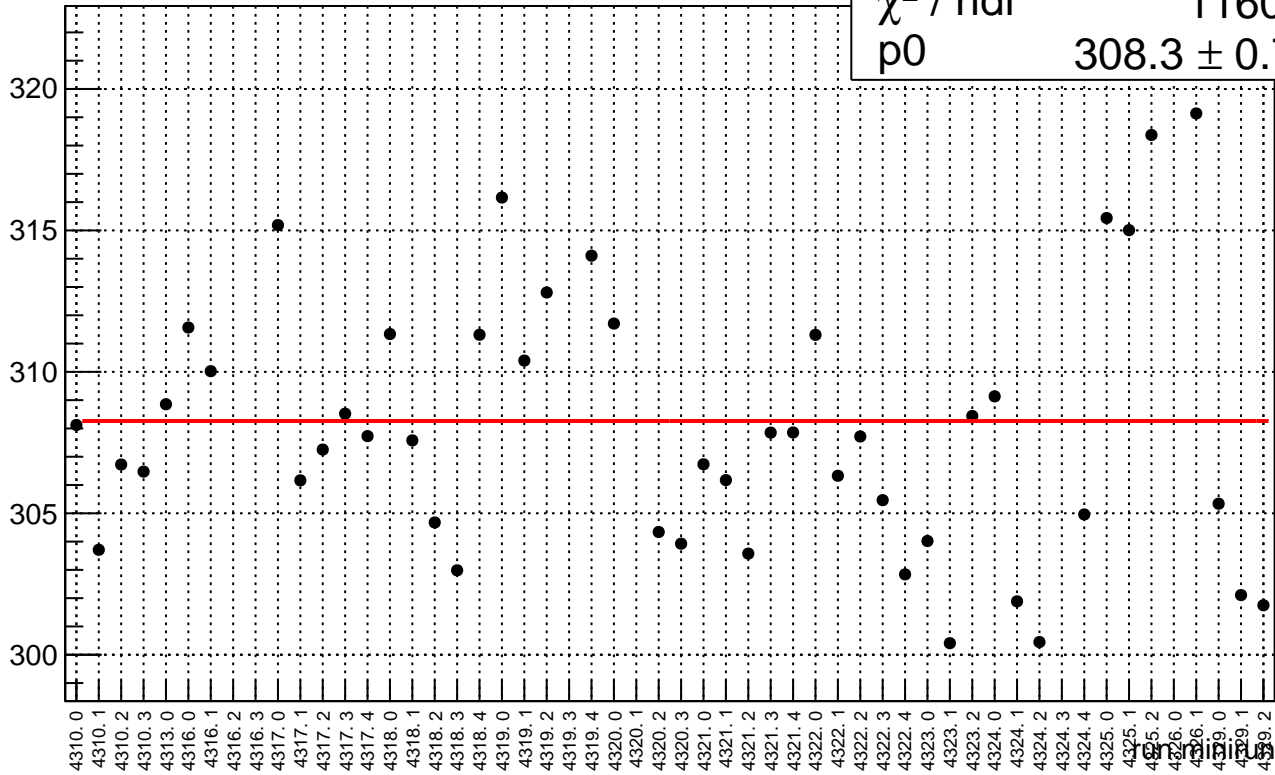
reg\_asym\_atl2\_reg\_asym\_usl\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  1160 / 48  
 p0  $308.3 \pm 0.7024$

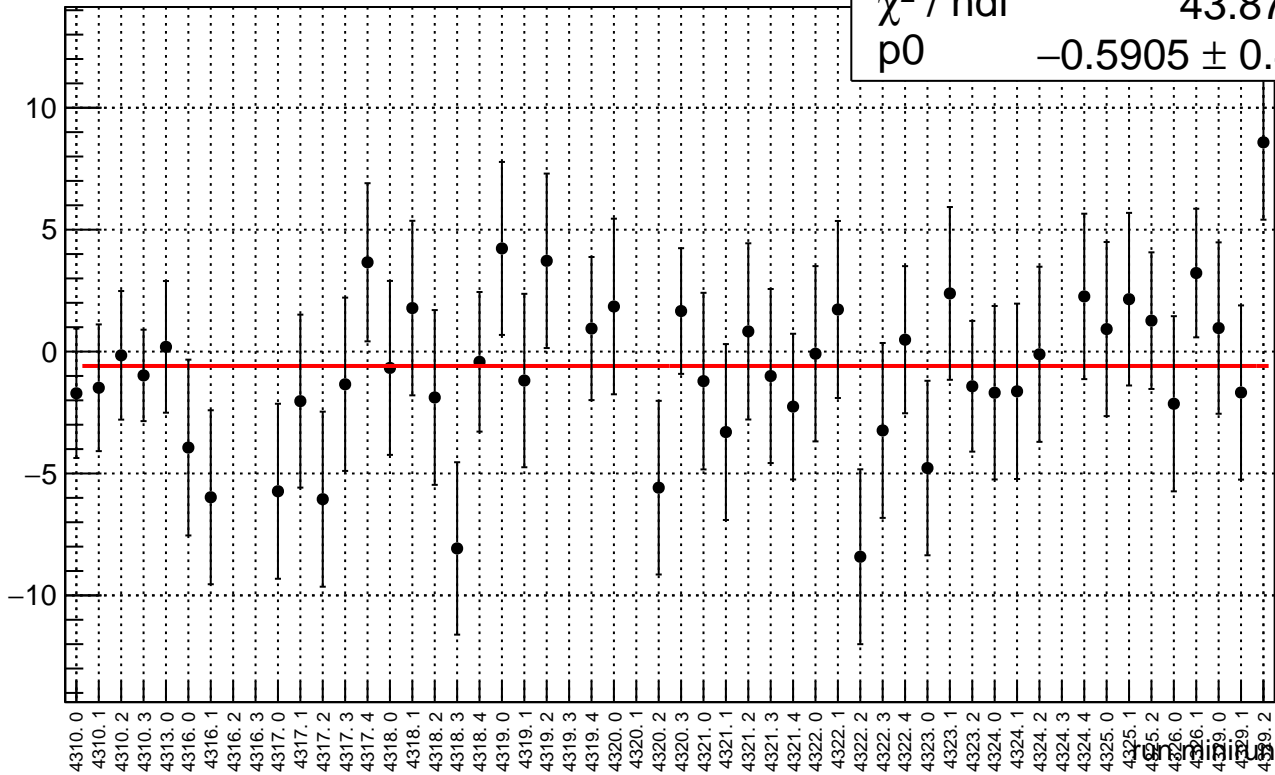
reg\_asym\_atl2\_reg\_asym\_usl\_dd\_rms/ppm



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

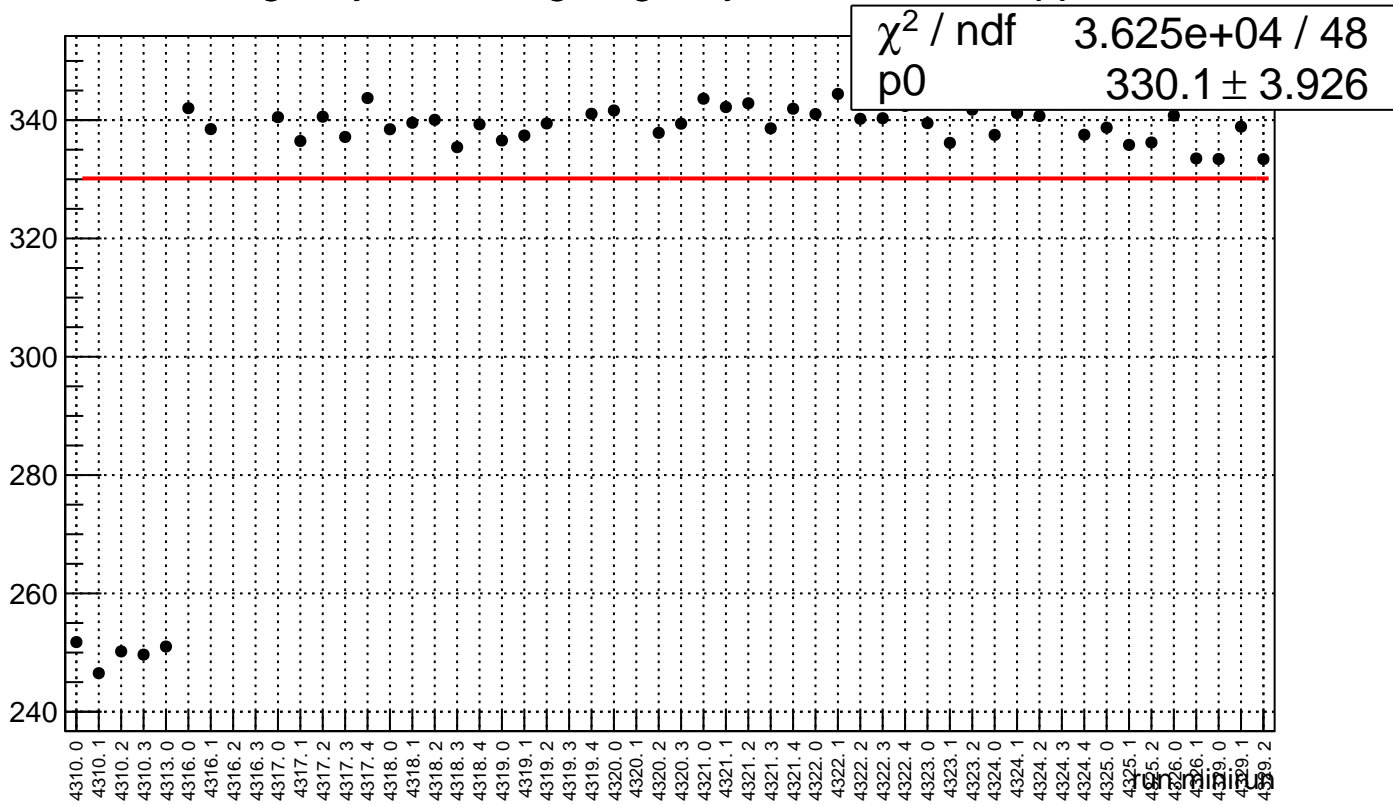
$\chi^2 / \text{ndf}$  43.87 / 48  
p0  $-0.5905 \pm 0.4594$

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



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

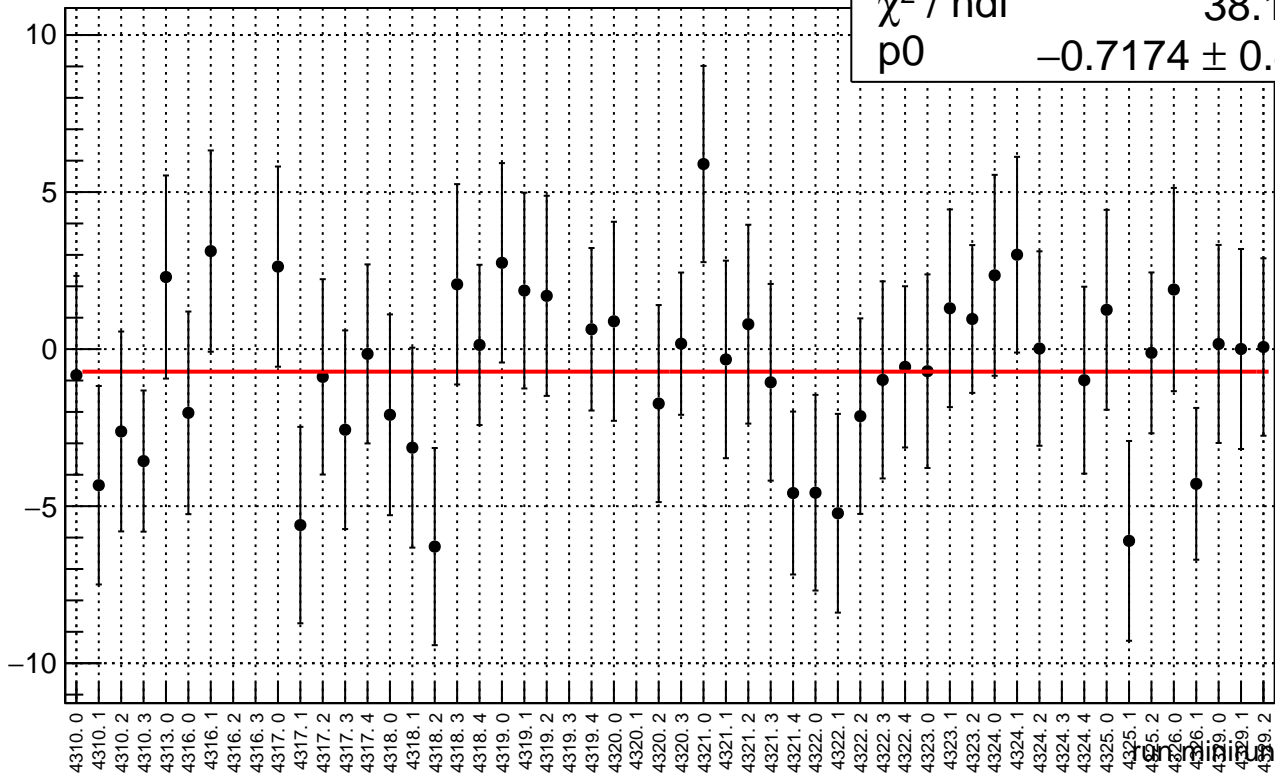
reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_rms/ppm



reg\_asym\_atr\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  38.1 / 48  
p0  $-0.7174 \pm 0.4237$

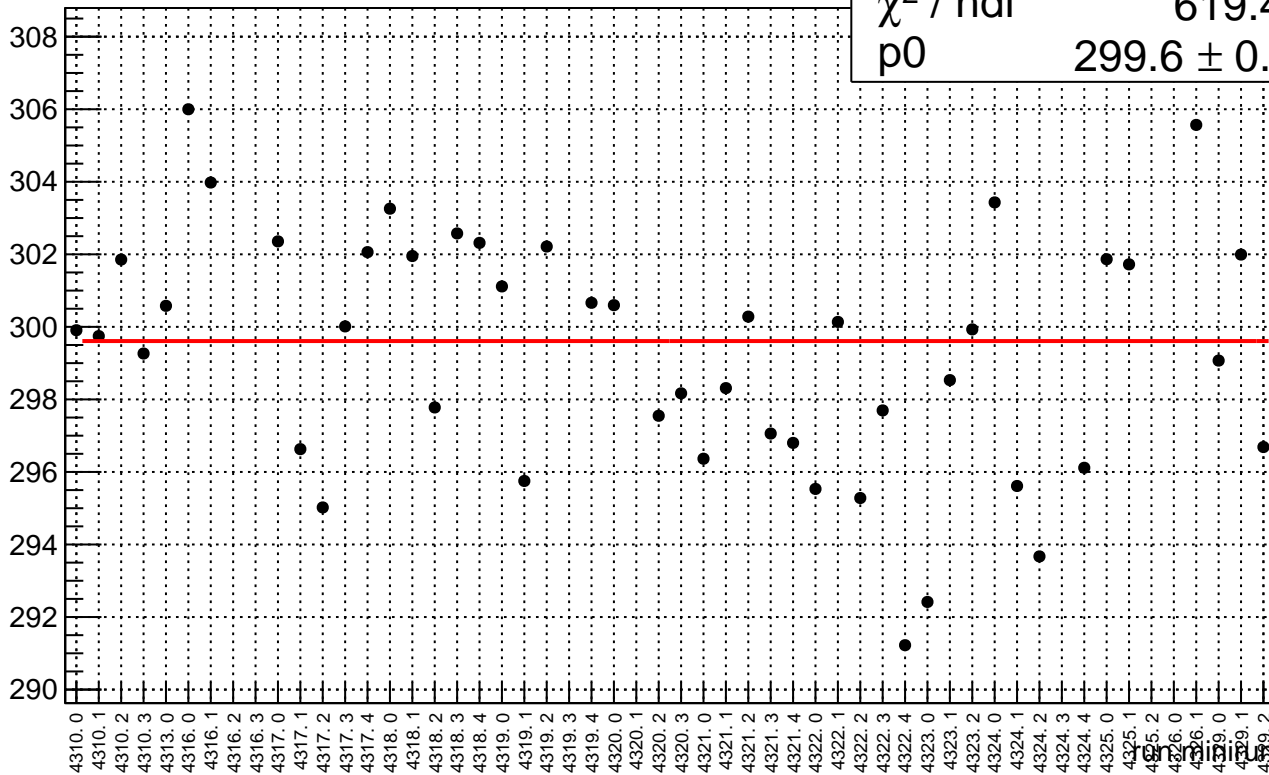
reg\_asym\_atr\_dd\_mean/ppm



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

reg\_asym\_atr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  619.4 / 48  
 p0  $299.6 \pm 0.5132$

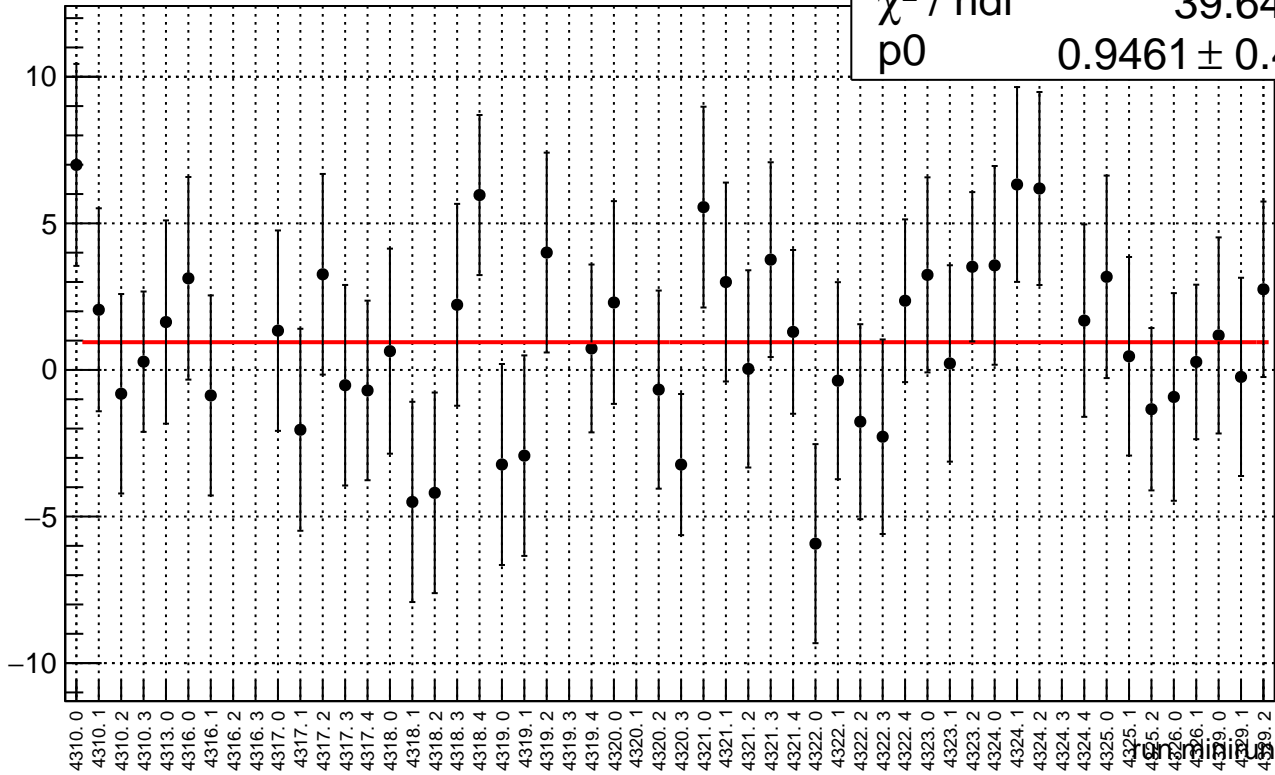




# reg\_asym\_atr\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  39.64 / 48  
 p0  $0.9461 \pm 0.4565$

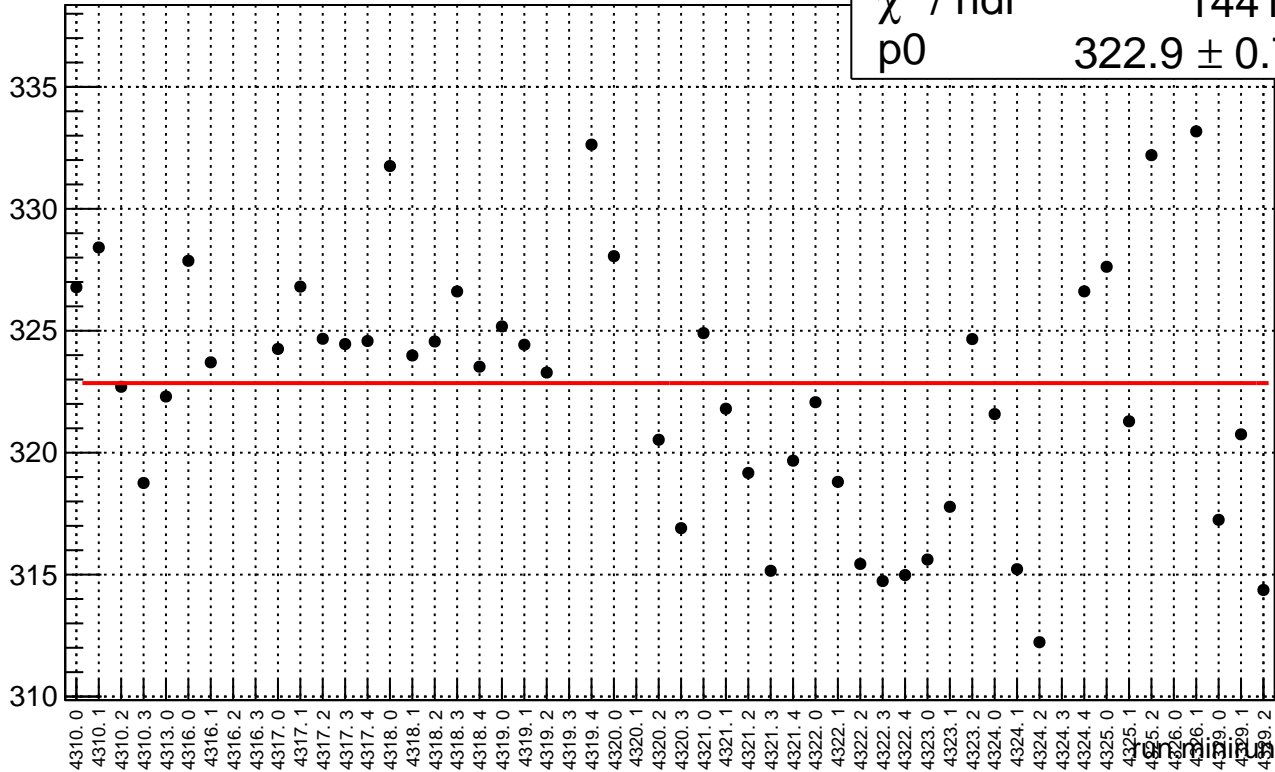
reg\_asym\_atr\_avg\_mean/ppm



reg\_asym\_atr\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  1441 / 48  
p0 322.9 ± 0.7828

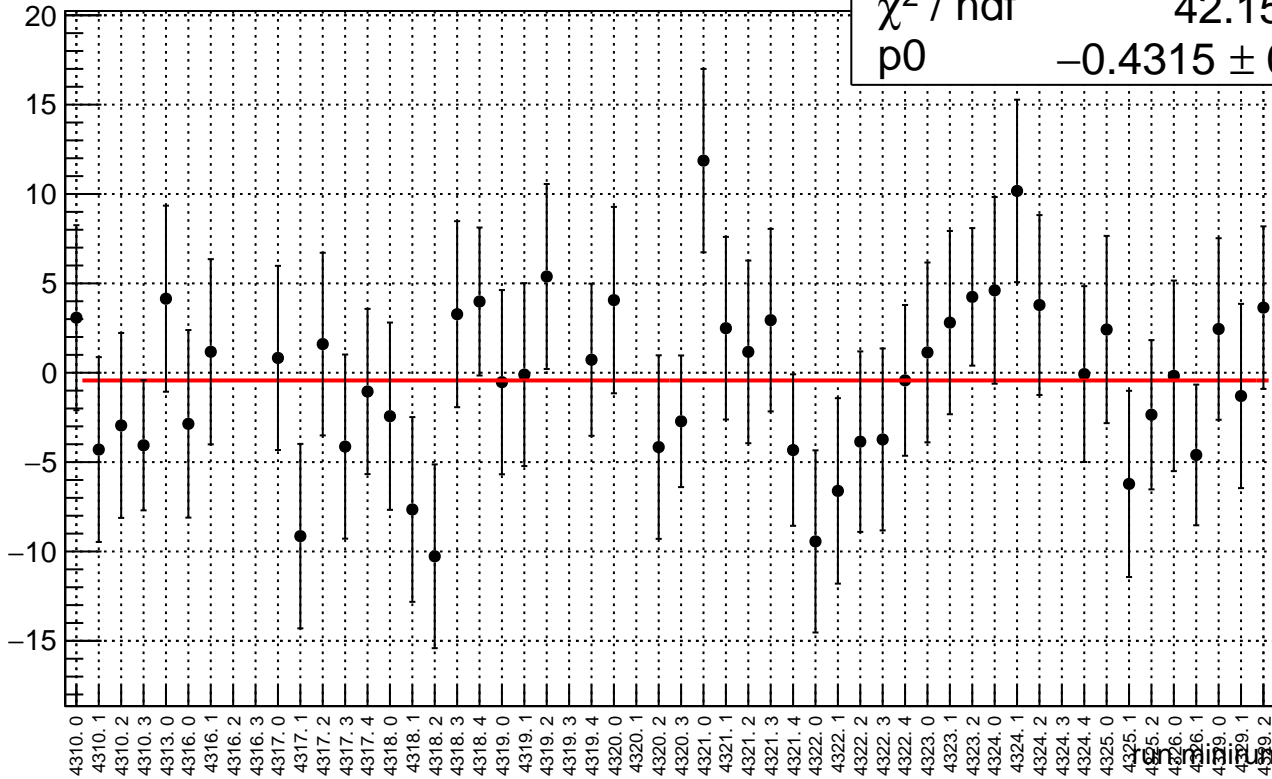
reg\_asym\_atr\_avg\_rms/ppm



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

$\chi^2 / \text{ndf}$  42.15 / 48  
p0  $-0.4315 \pm 0.691$

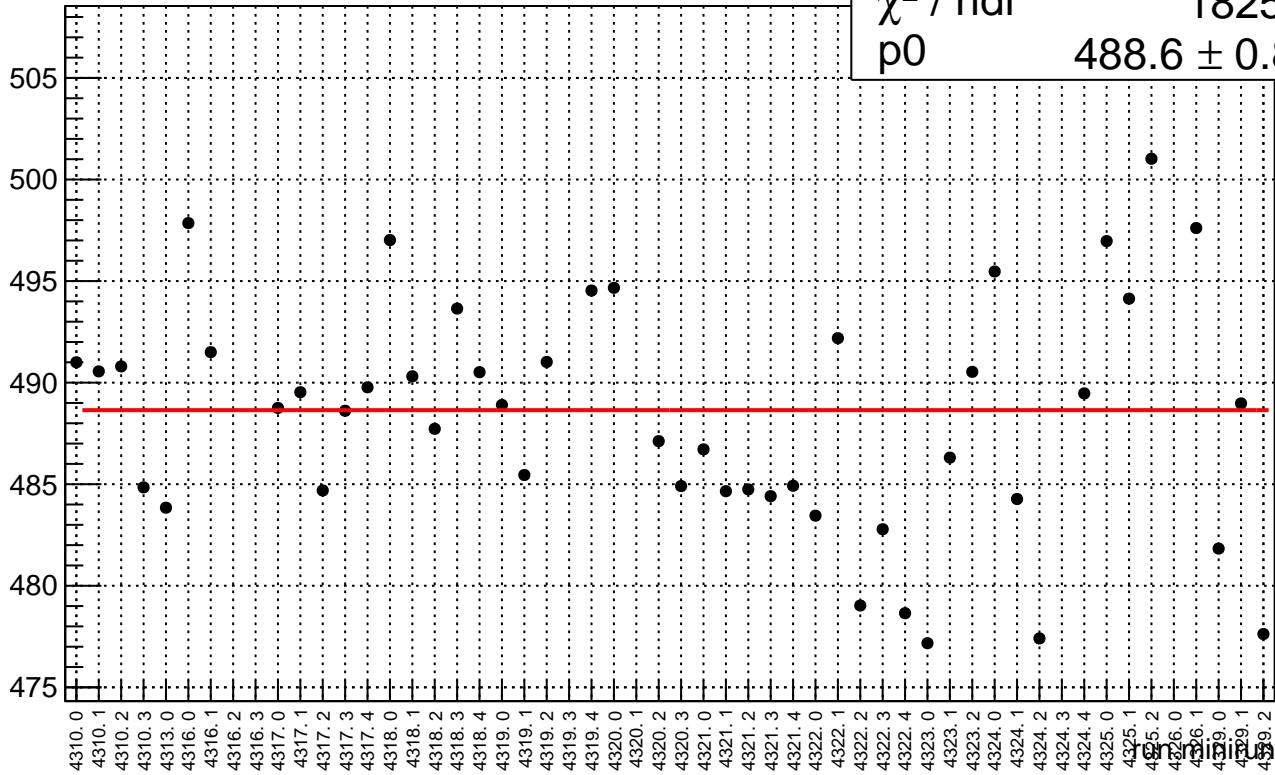
reg\_asym\_atr1\_reg\_asym\_usr\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  1825 / 48  
 p0  $488.6 \pm 0.8809$

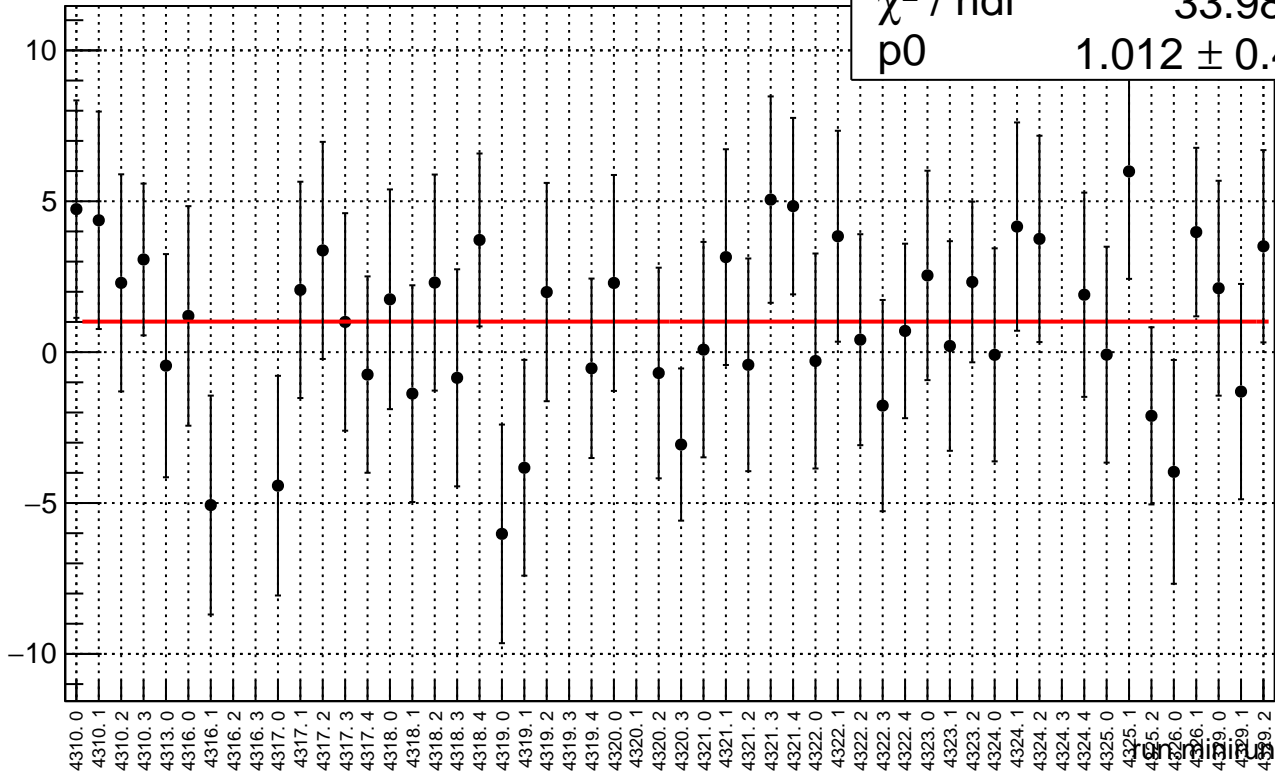
reg\_asym\_atr1\_reg\_asym\_usr\_dd\_rms/ppm



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

$\chi^2 / \text{ndf}$  33.98 / 48  
p0  $1.012 \pm 0.4786$

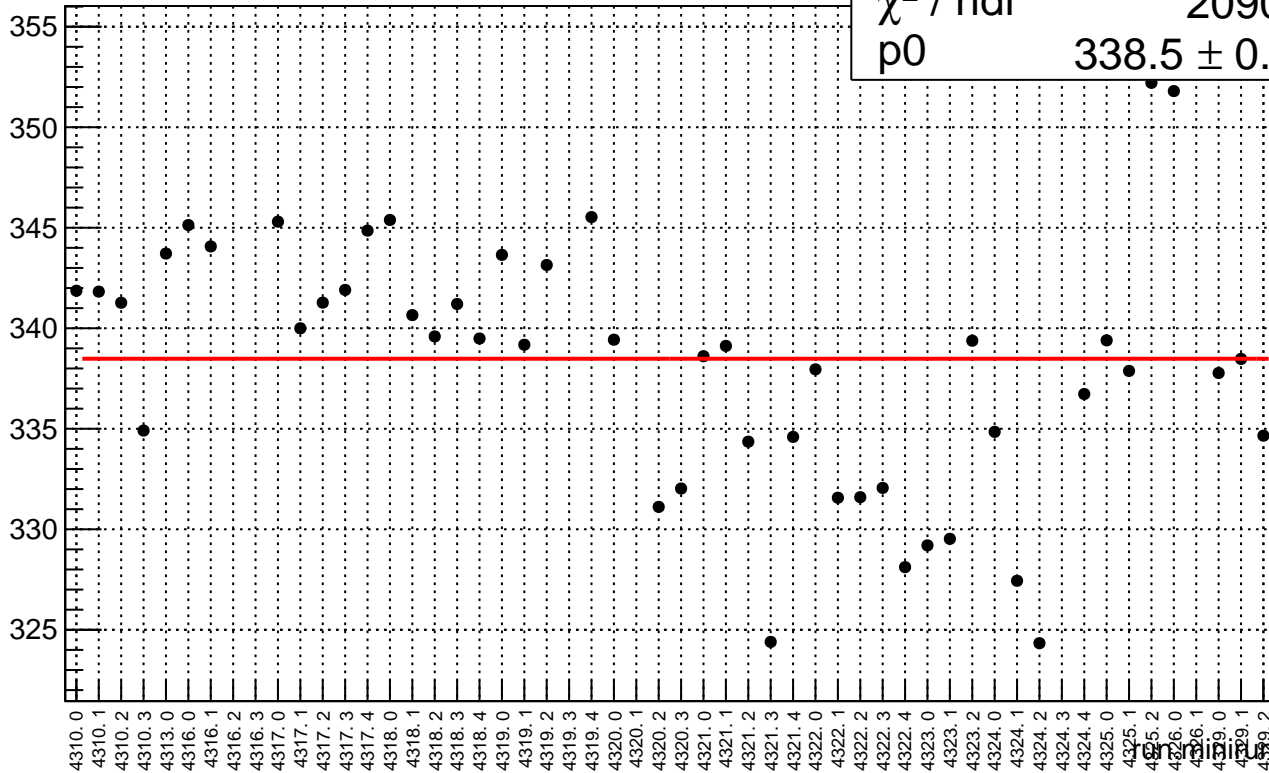
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  2090 / 48  
p0  $338.5 \pm 0.9428$

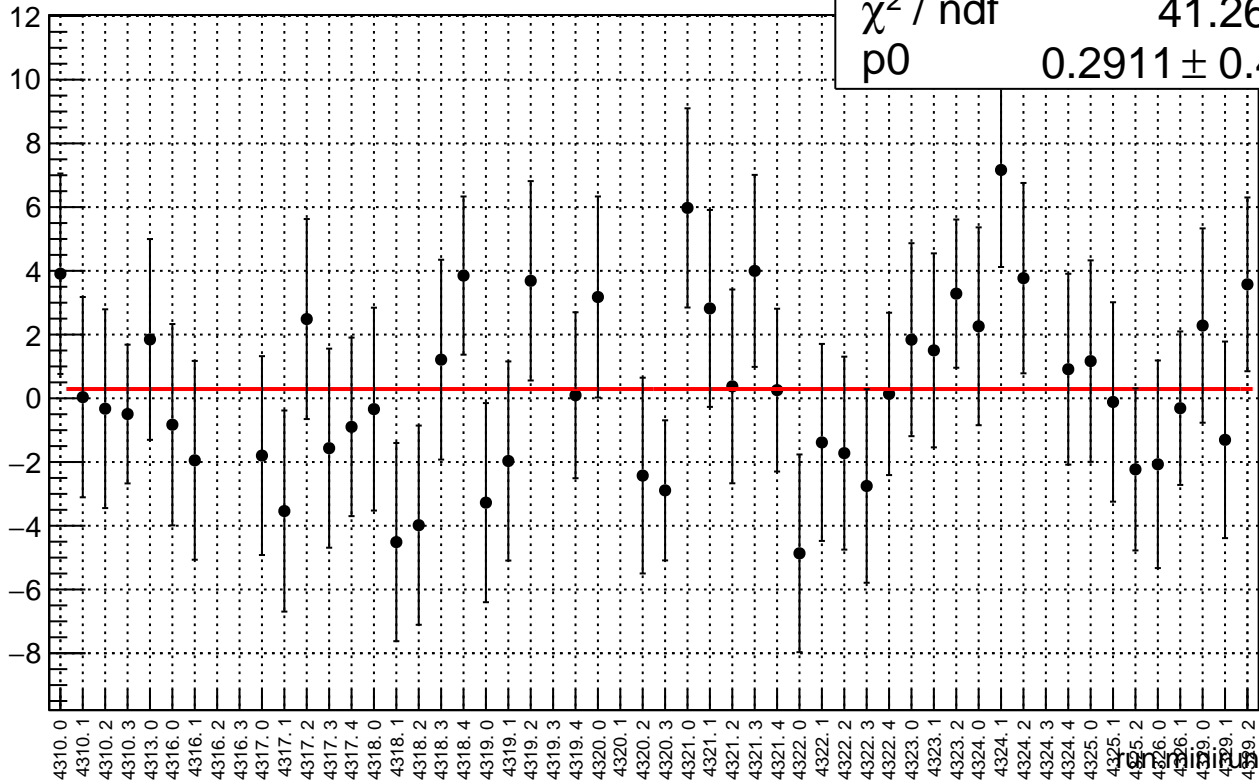
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_rms/ppm



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

$\chi^2 / \text{ndf}$  41.26 / 48  
p0  $0.2911 \pm 0.4168$

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



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

$\chi^2 / \text{ndf}$  1393 / 48  
p0  $294.8 \pm 0.7695$

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

