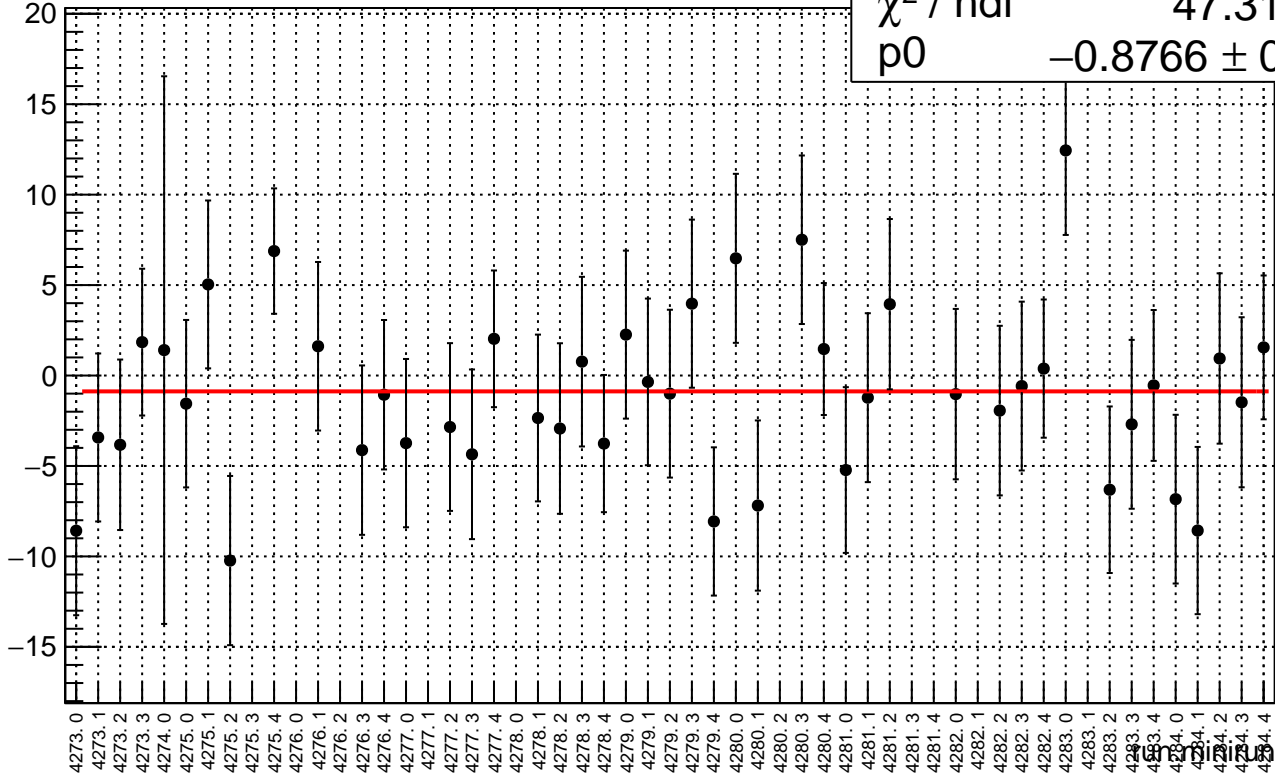


# reg\_asym\_atl1\_mean/ppm

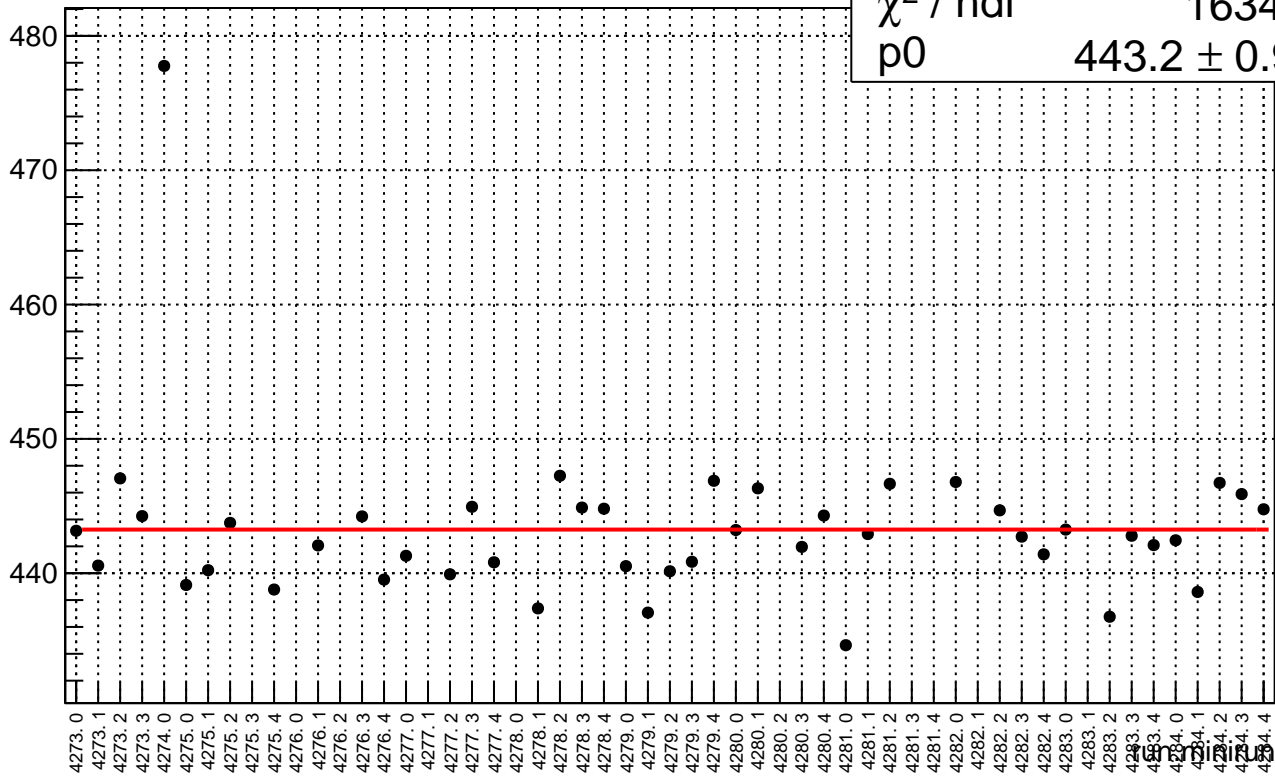
reg\_asym\_atl1\_mean/ppm



reg\_asym\_atl1\_rms/ppm

$\chi^2 / \text{ndf}$  1634 / 44  
p0  $443.2 \pm 0.9083$

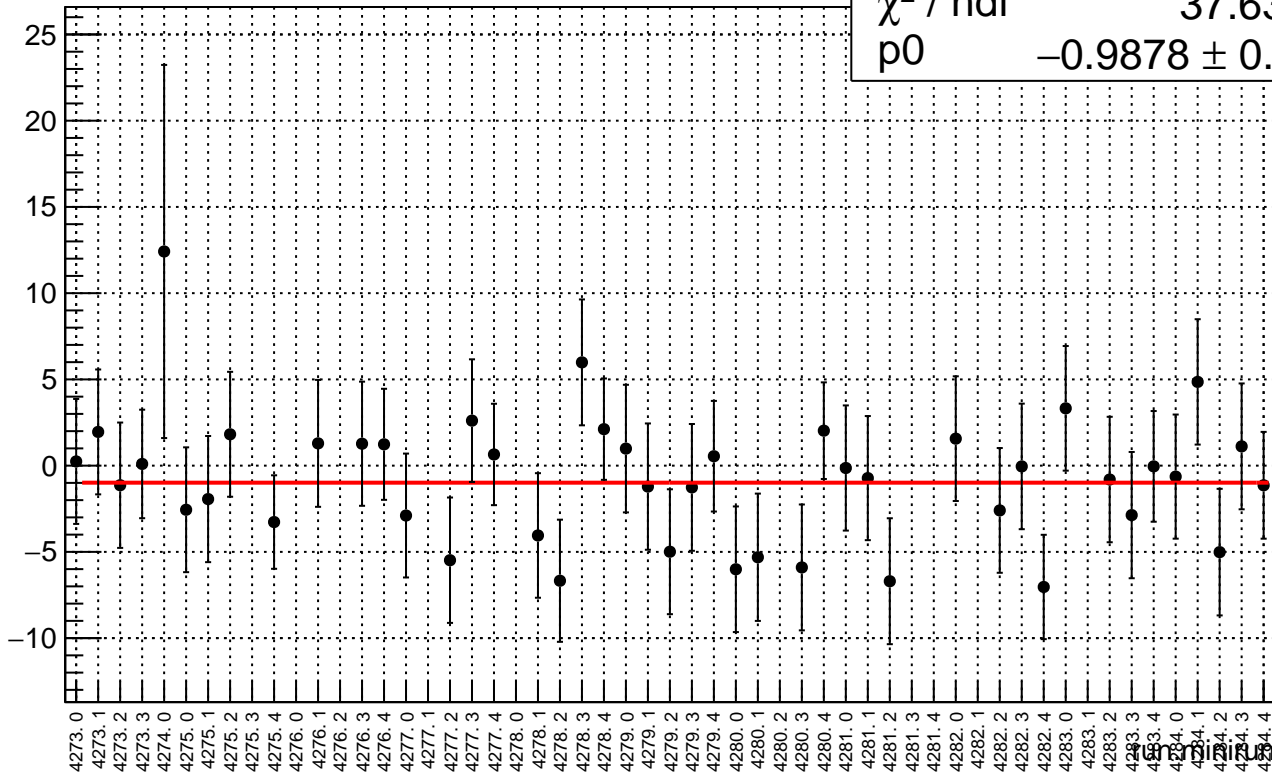
reg\_asym\_atl1\_rms/ppm



# reg\_asym\_atl2\_mean/ppm

$\chi^2 / \text{ndf}$  37.63 / 44  
 p0  $-0.9878 \pm 0.5208$

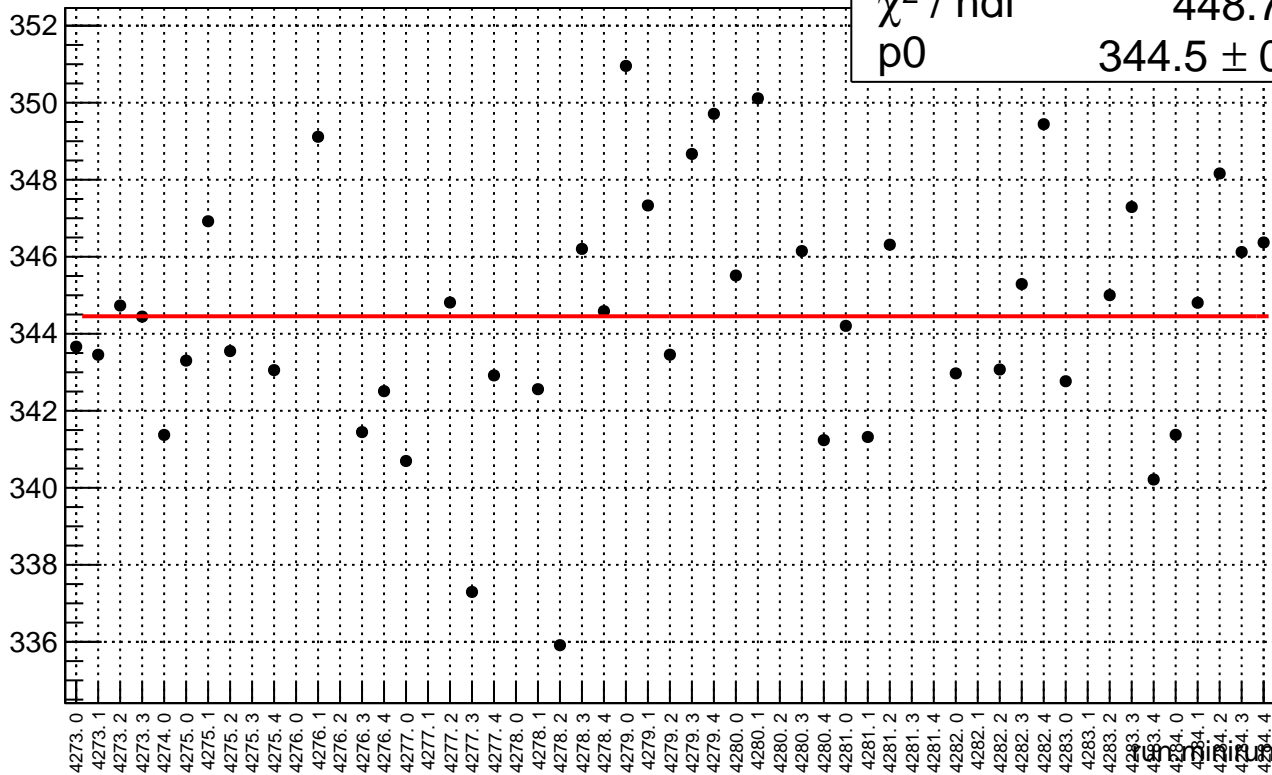
reg\_asym\_atl2\_mean/ppm



# reg\_asym\_atl2\_rms/ppm

reg\_asym\_atl2\_rms/ppm

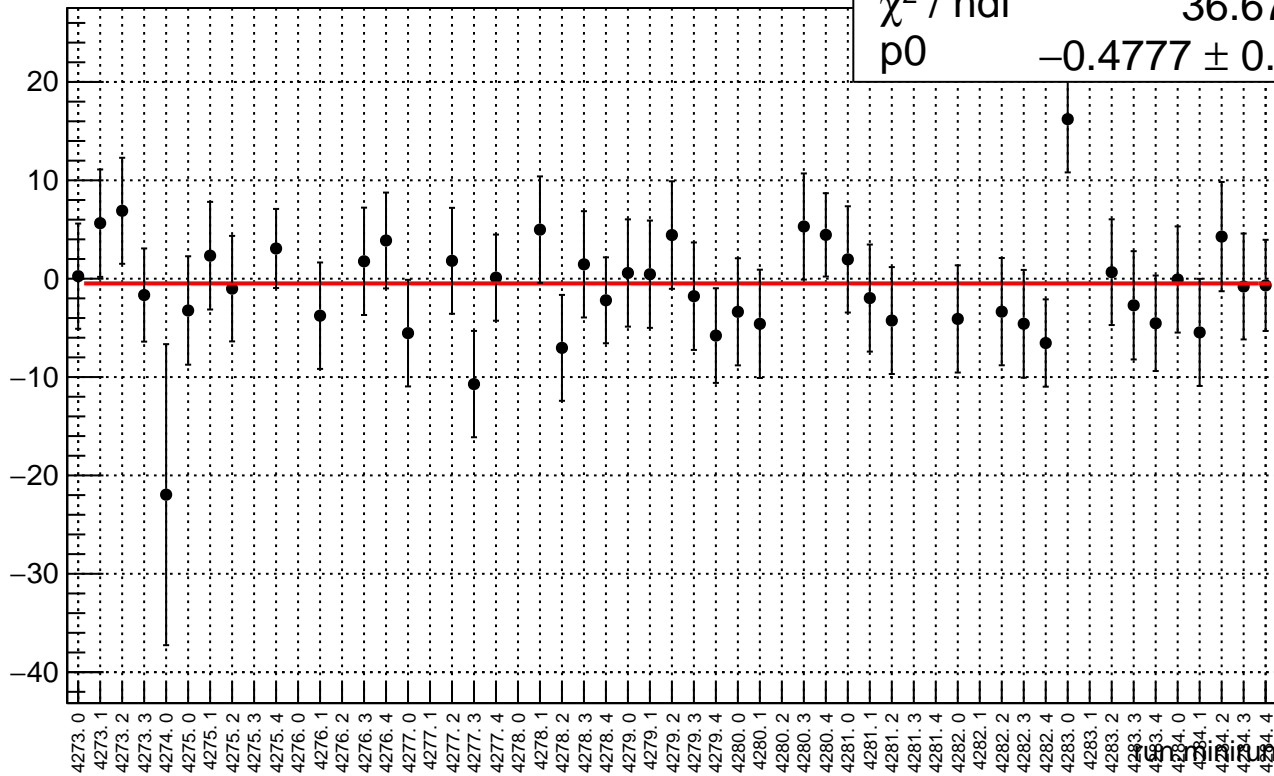
$\chi^2 / \text{ndf}$  448.7 / 44  
 p0  $344.5 \pm 0.476$



reg\_asym\_atr1\_mean/ppm

$\chi^2 / \text{ndf}$  36.67 / 44  
p0  $-0.4777 \pm 0.7789$

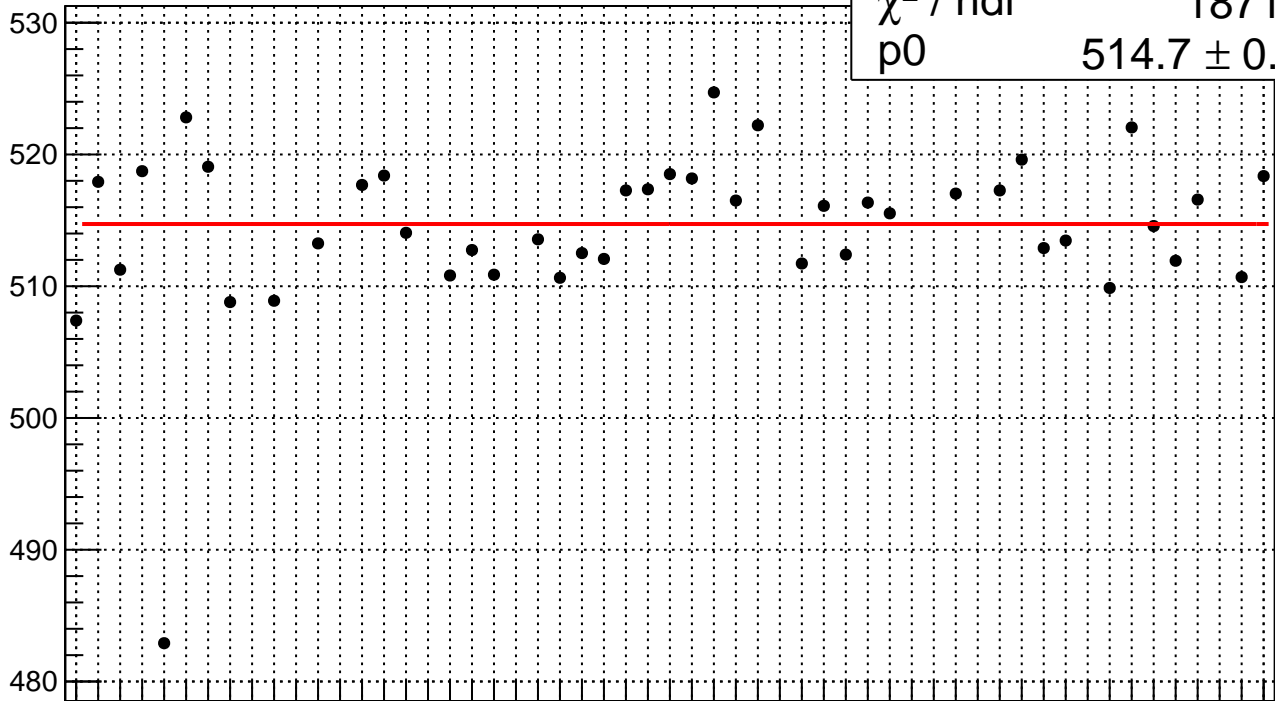
reg\_asym\_atr1\_mean/ppm



reg\_asym\_atr1\_rms/ppm

$\chi^2 / \text{ndf}$  1871 / 44  
p0 514.7 ± 0.9721

reg\_asym\_atr1\_rms/ppm

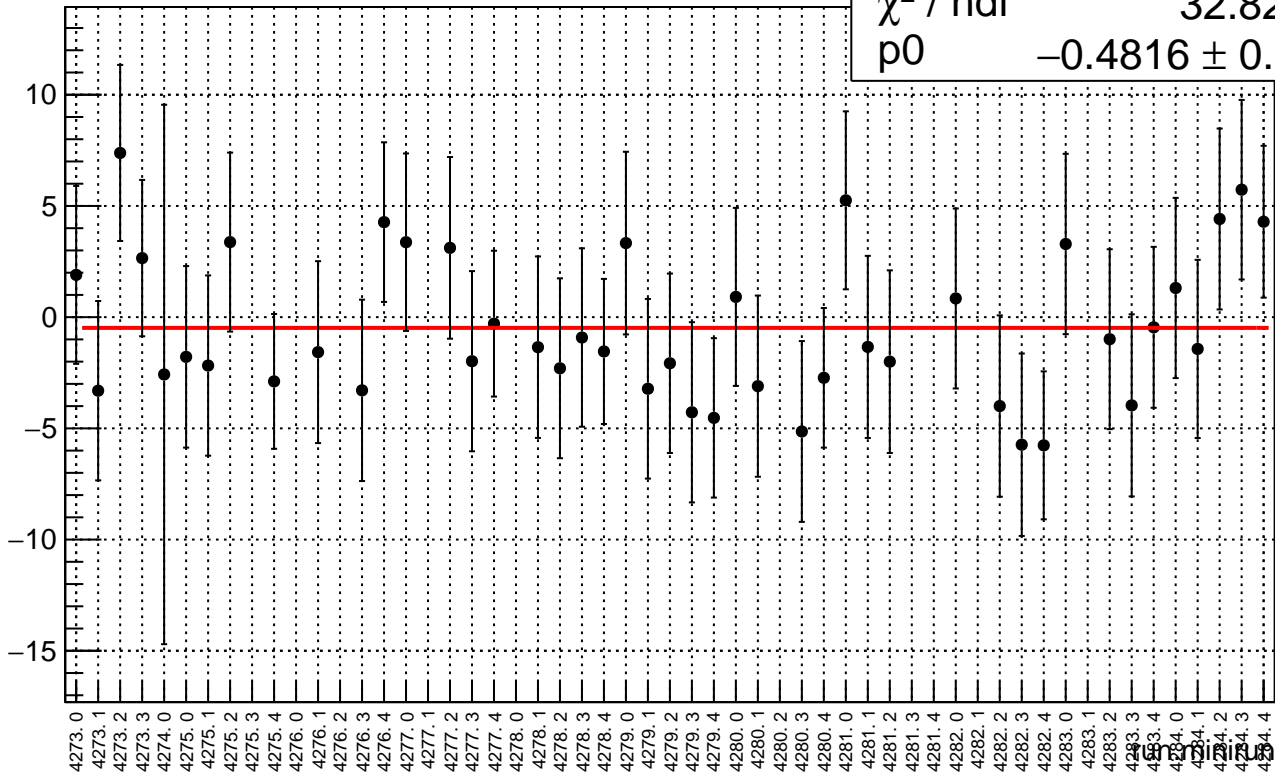


4273.0  
4273.1  
4273.2  
4273.3  
4274.0  
4275.0  
4275.1  
4275.2  
4275.3  
4275.4  
4276.0  
4276.1  
4276.2  
4276.3  
4276.4  
4277.0  
4277.1  
4277.2  
4277.3  
4277.4  
4278.0  
4278.1  
4278.2  
4278.3  
4278.4  
4279.0  
4279.1  
4279.2  
4279.3  
4279.4  
4280.0  
4280.1  
4280.2  
4280.3  
4280.4  
4281.0  
4281.1  
4281.2  
4281.3  
4281.4  
4282.0  
4282.1  
4282.2  
4282.3  
4282.4  
4283.0  
4283.1  
4283.2  
4283.3  
4283.4  
4284.0  
4284.1  
4284.2  
4284.3  
4284.4

# reg\_asym\_atr2\_mean/ppm

reg\_asym\_atr2\_mean/ppm

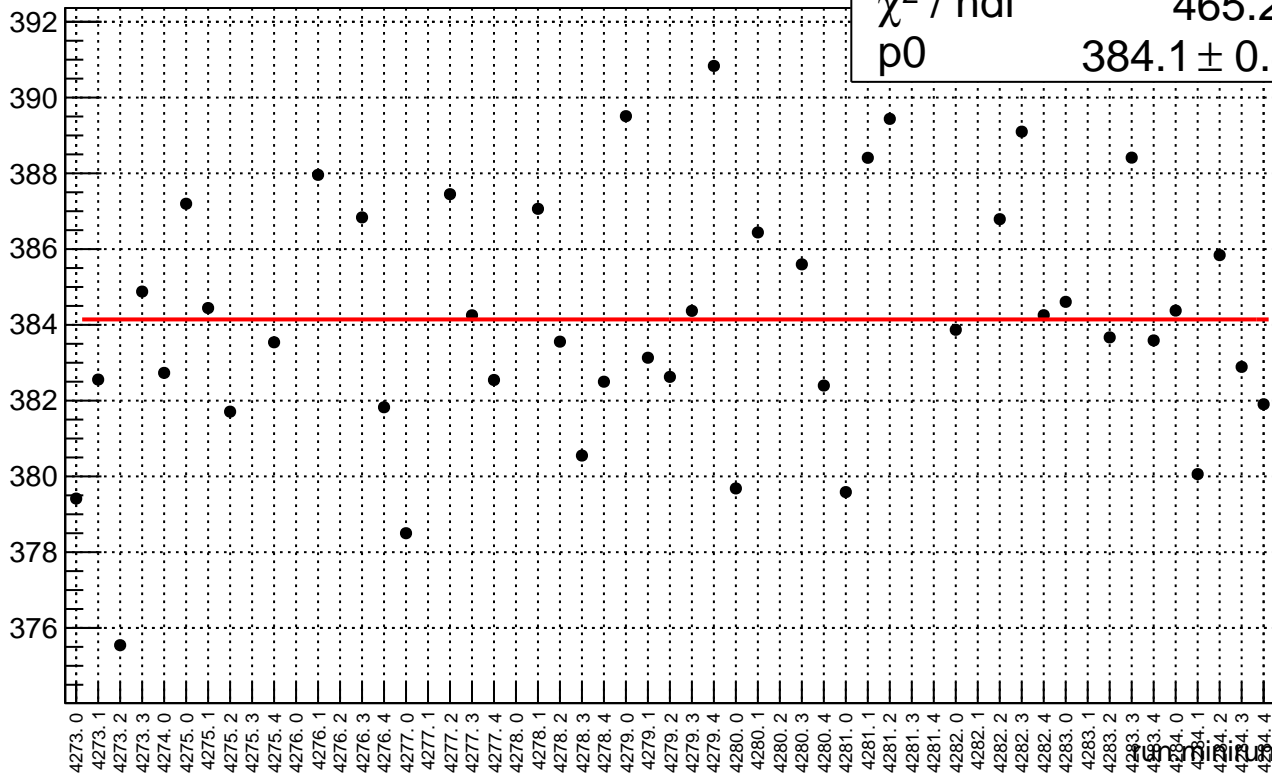
$\chi^2 / \text{ndf}$  32.82 / 44  
 p0  $-0.4816 \pm 0.5807$



# reg\_asym\_atr2\_rms/ppm

reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$  465.2 / 44  
 p0  $384.1 \pm 0.4847$

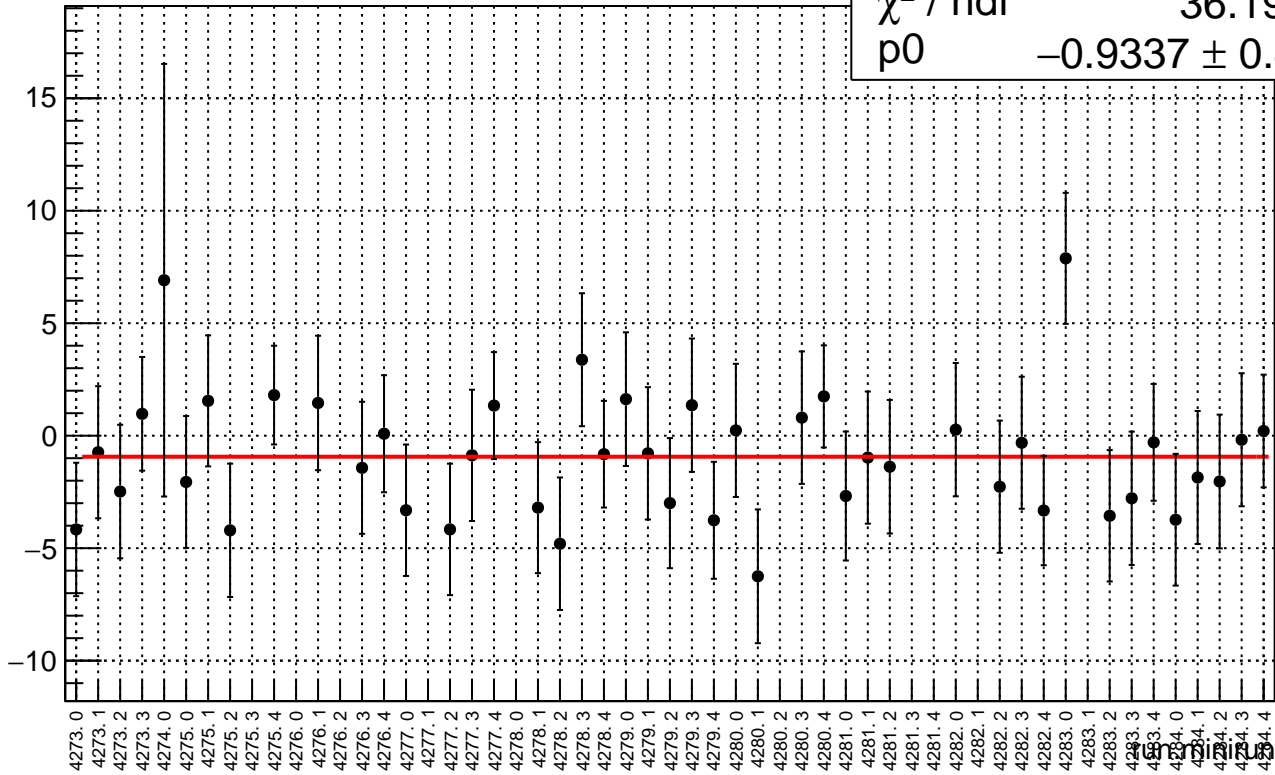




# reg\_asym\_atl\_avg\_mean/ppm

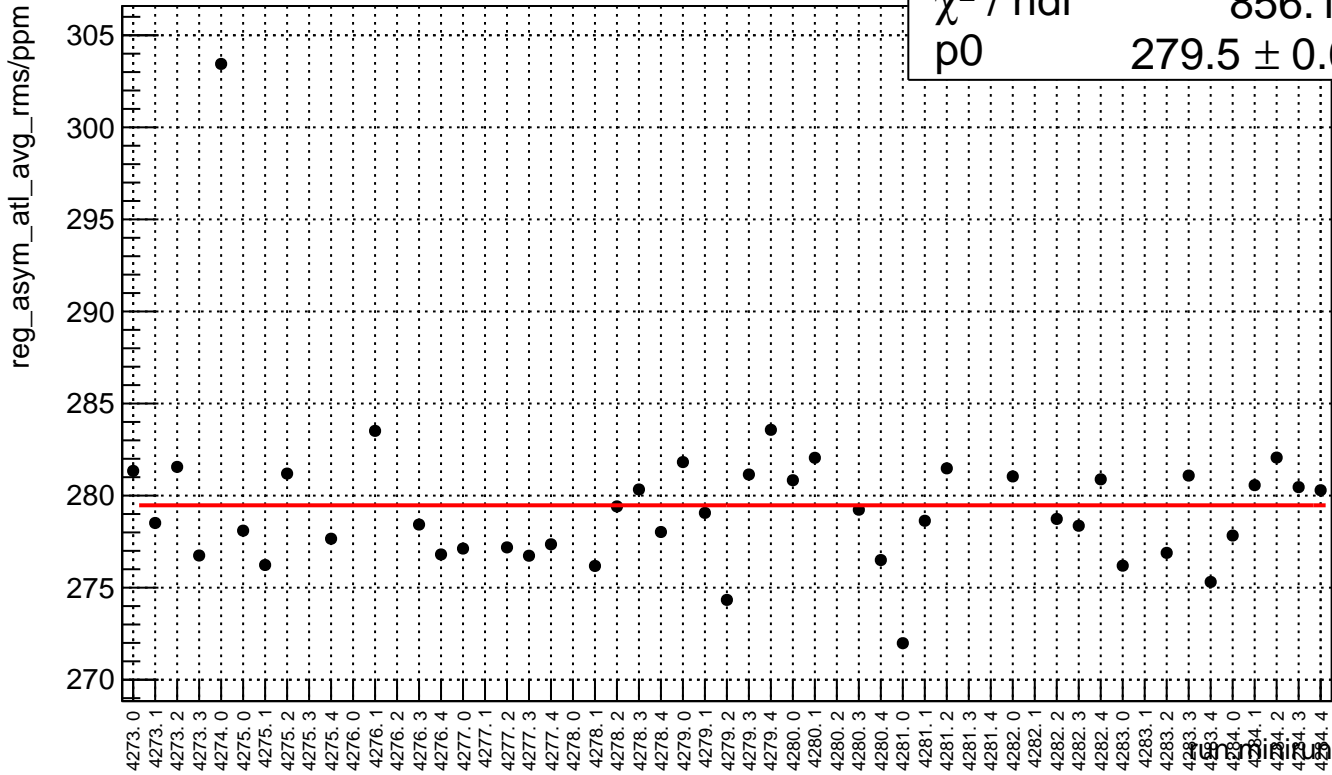
$\chi^2 / \text{ndf}$  36.19 / 44  
 p0  $-0.9337 \pm 0.4216$

reg\_asym\_atl\_avg\_mean/ppm



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

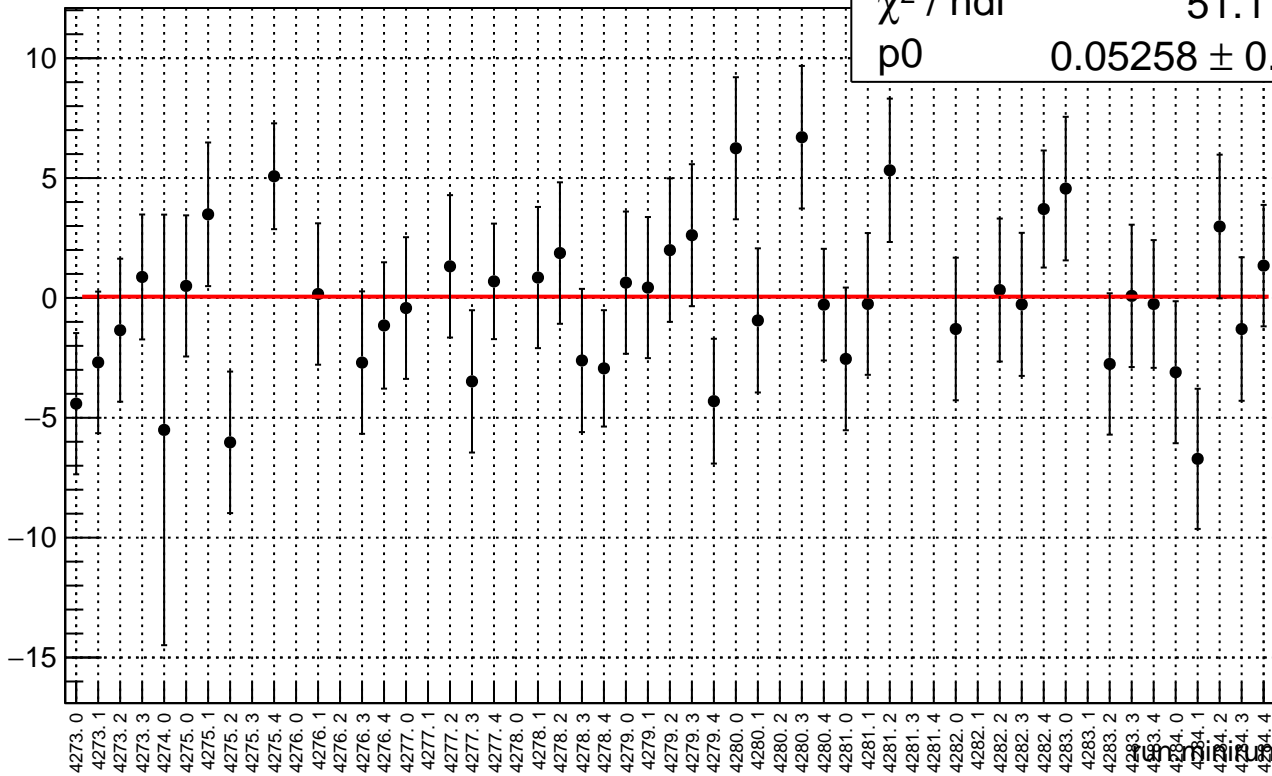
$\chi^2 / \text{ndf}$  856.1 / 44  
 p0 279.5 ± 0.6575



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

reg\_asym\_atl\_dd\_mean/ppm

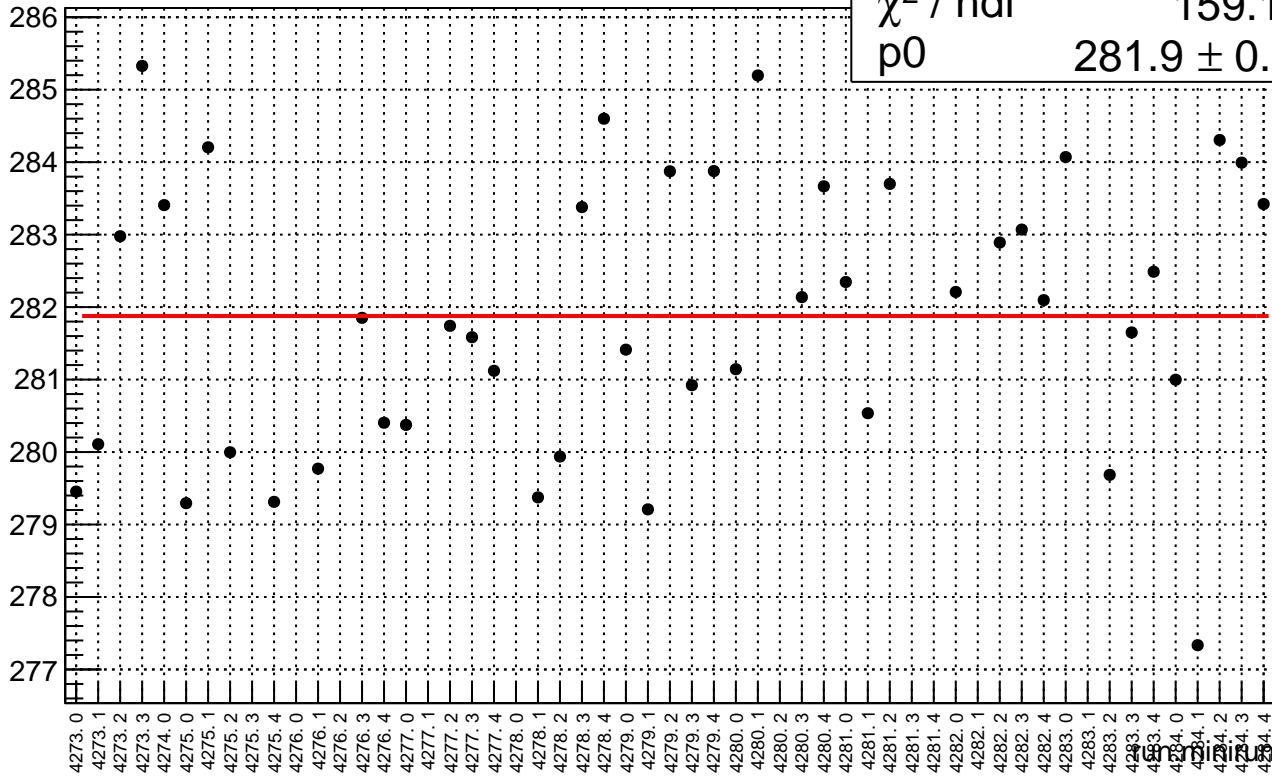
$\chi^2 / \text{ndf}$  51.11 / 44  
 p0 0.05258 ± 0.4262



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

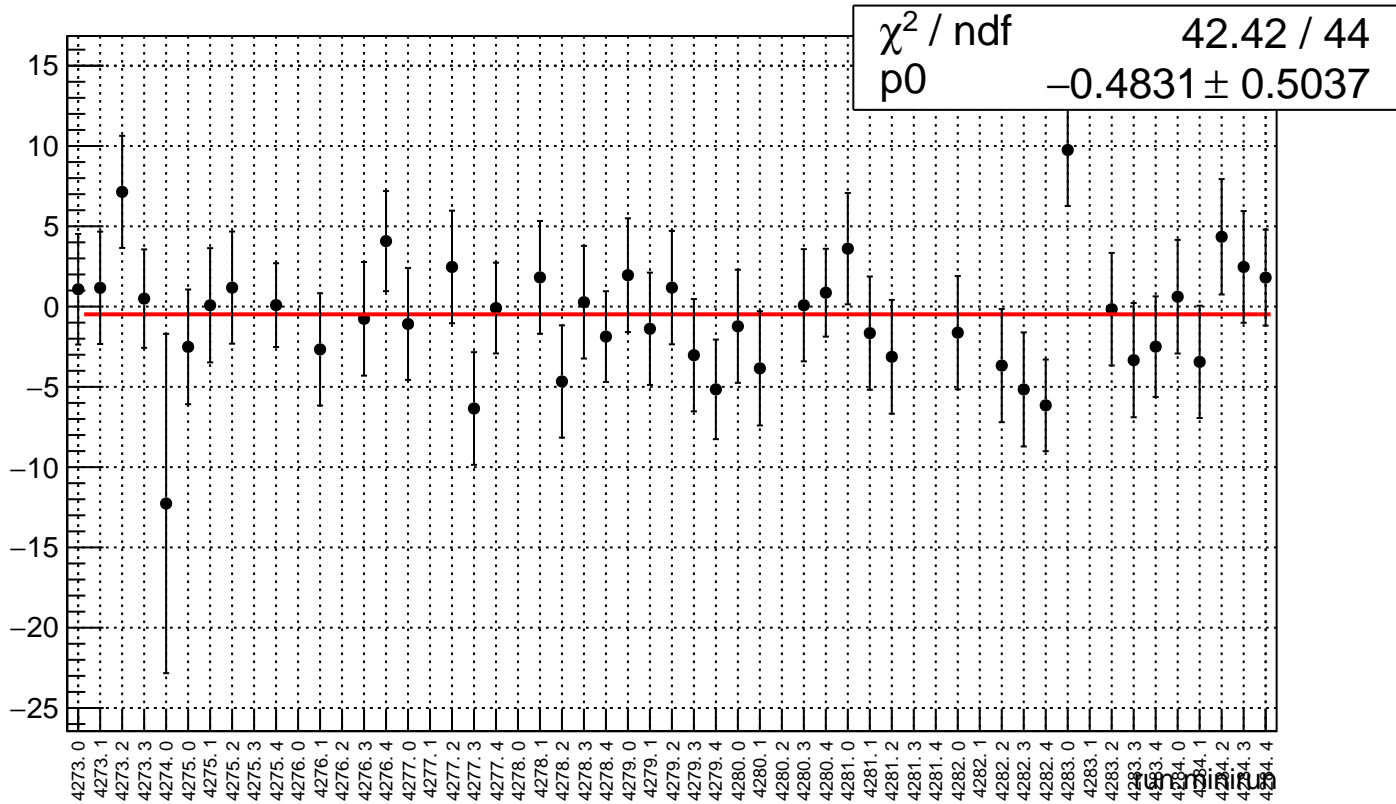
reg\_asym\_atl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  159.1 / 44  
 p0  $281.9 \pm 0.2835$

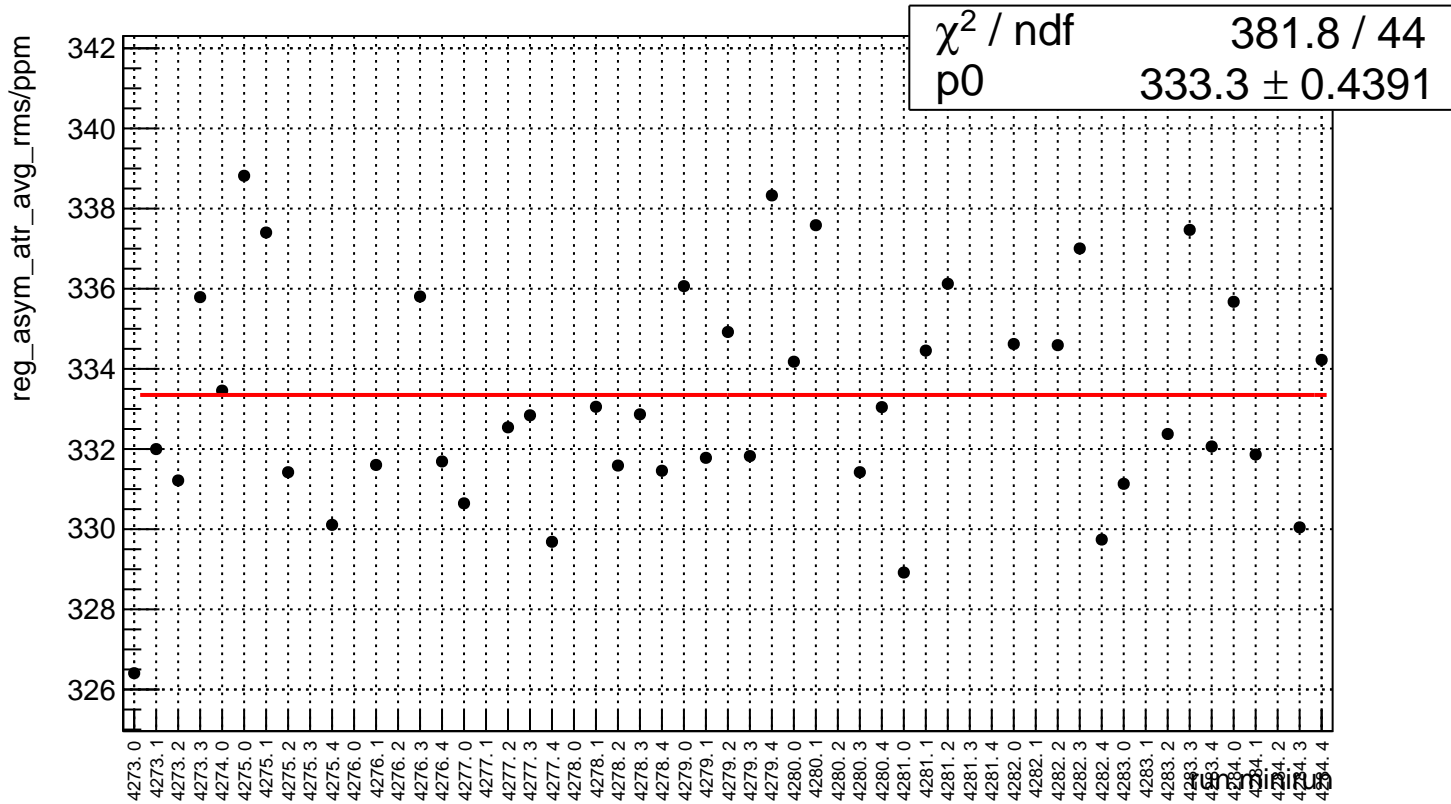


# reg\_asym\_atr\_avg\_mean/ppm

reg\_asym\_atr\_avg\_mean/ppm

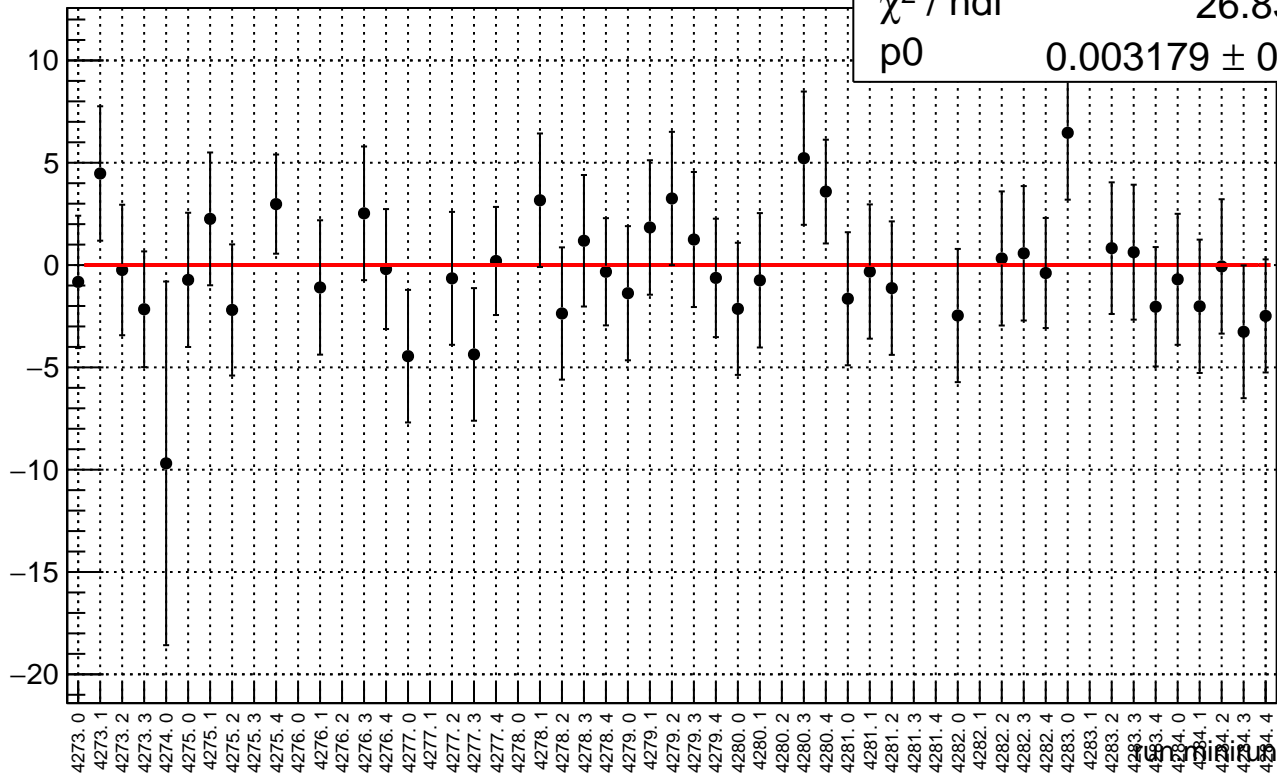


## reg\_asym\_atr\_avg\_rms/ppm



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

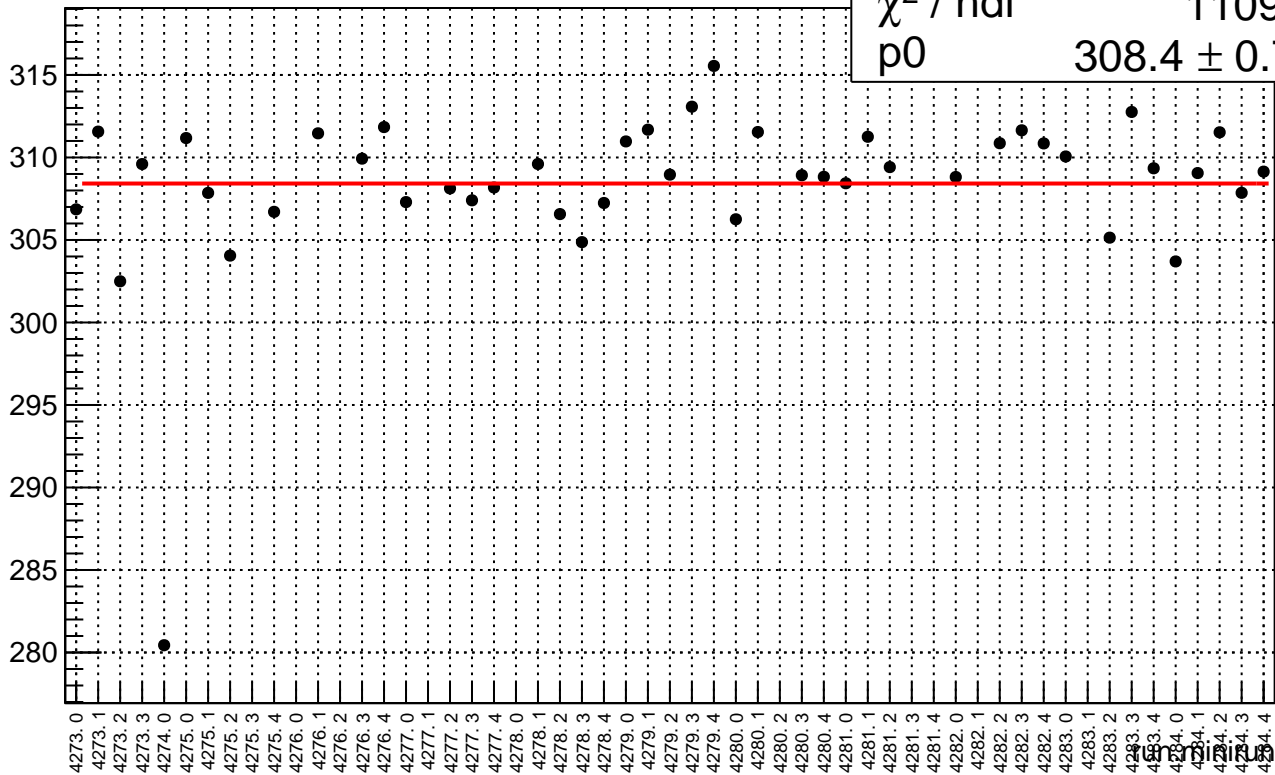
reg\_asym\_atr\_dd\_mean/ppm



$\chi^2 / \text{ndf}$  26.83 / 44  
 p0  $0.003179 \pm 0.4671$

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

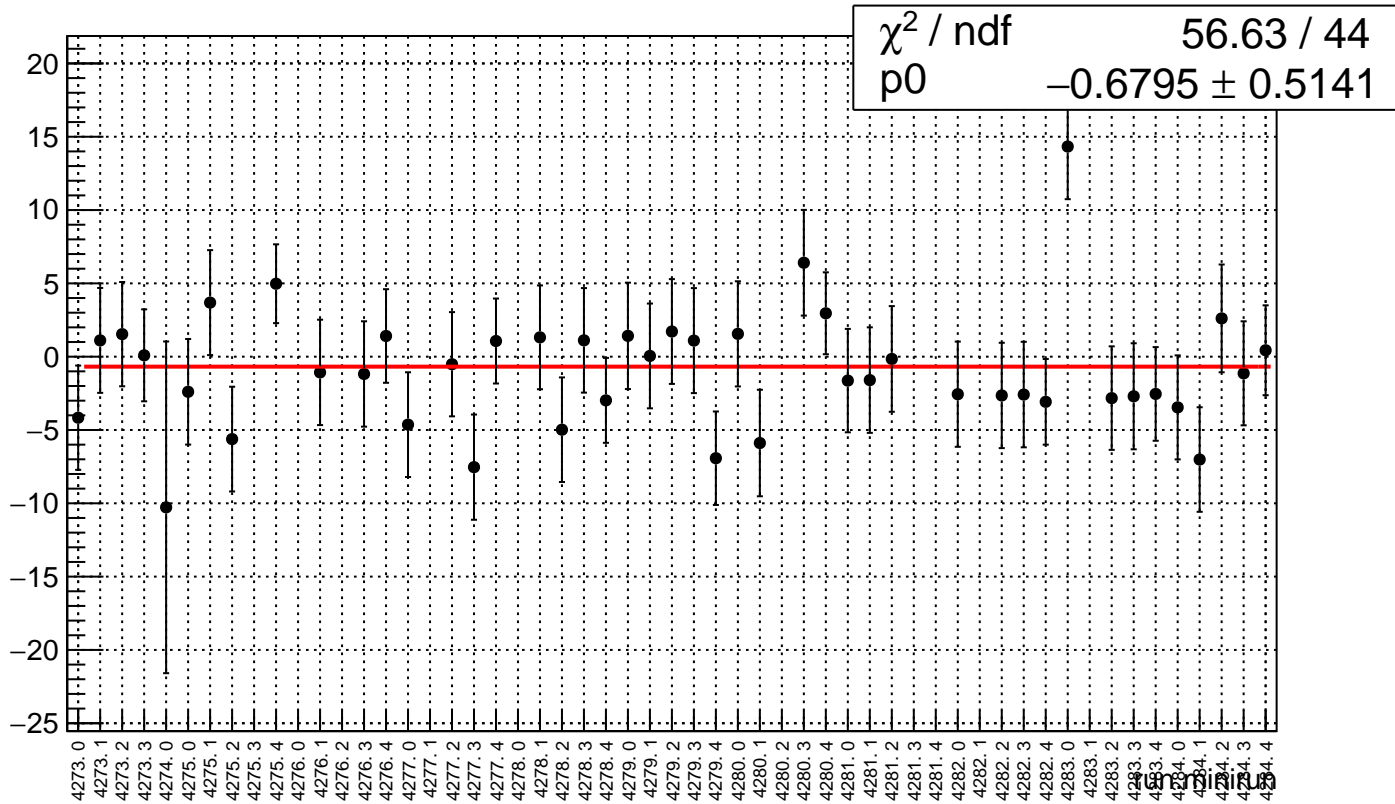
reg\_asym\_atr\_dd\_rms/ppm





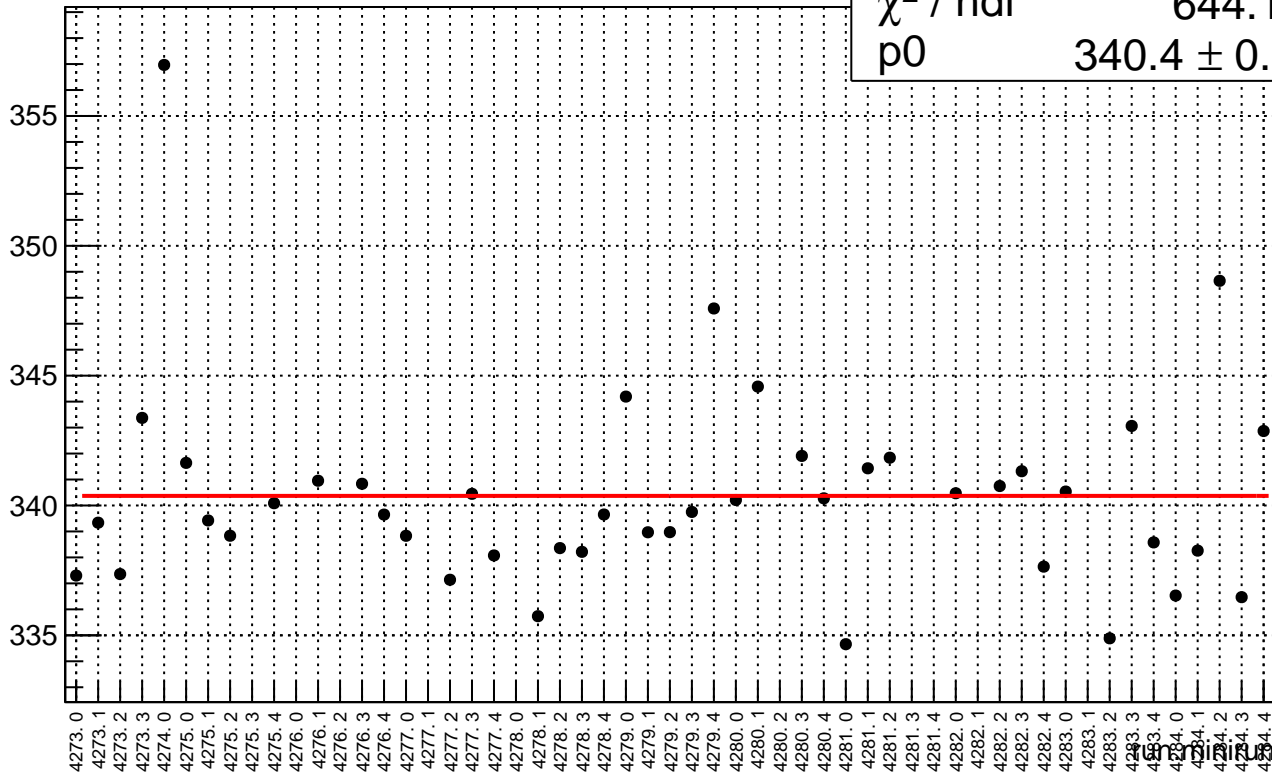
# reg\_asym\_at1\_avg\_mean/ppm

reg\_asym\_at1\_avg\_mean/ppm



## reg\_asym\_at1\_avg\_rms/ppm

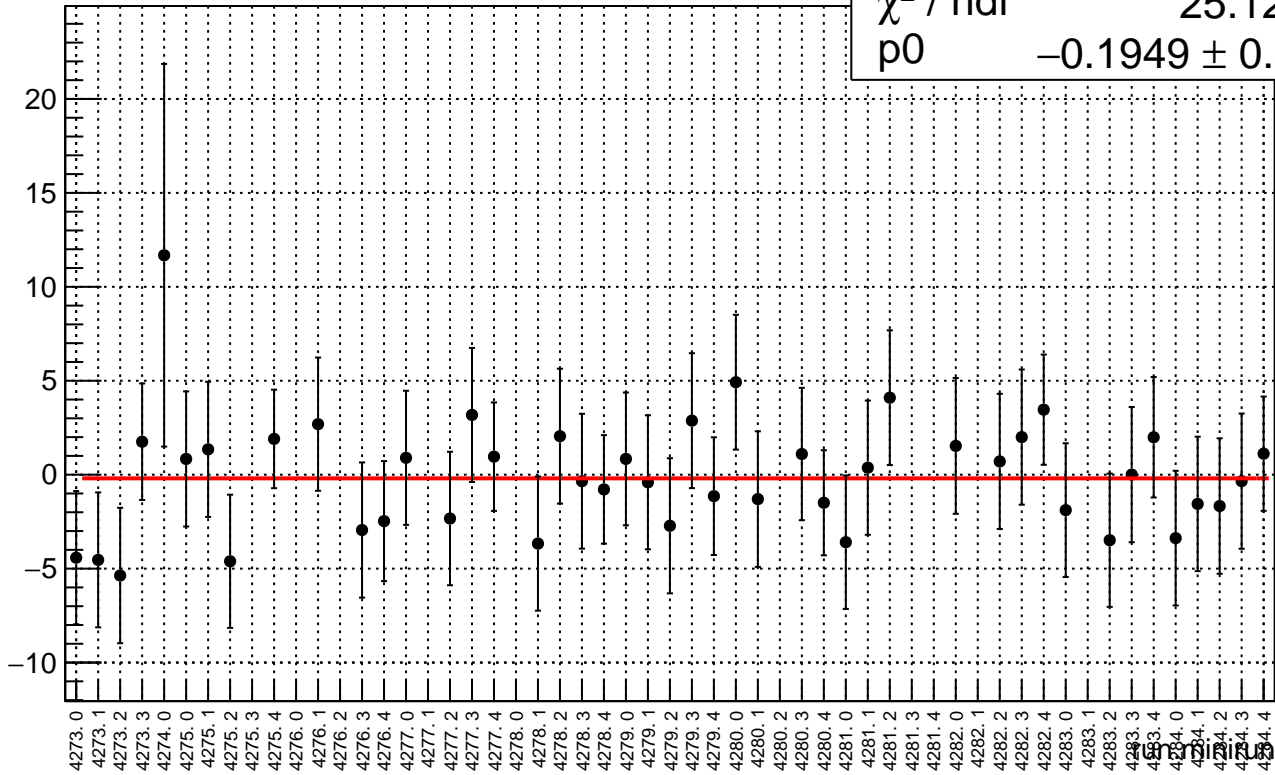
reg\_asym\_at1\_avg\_rms/ppm

 $\chi^2 / \text{ndf}$   
p0644.1 / 44  
 $340.4 \pm 0.5704$ 

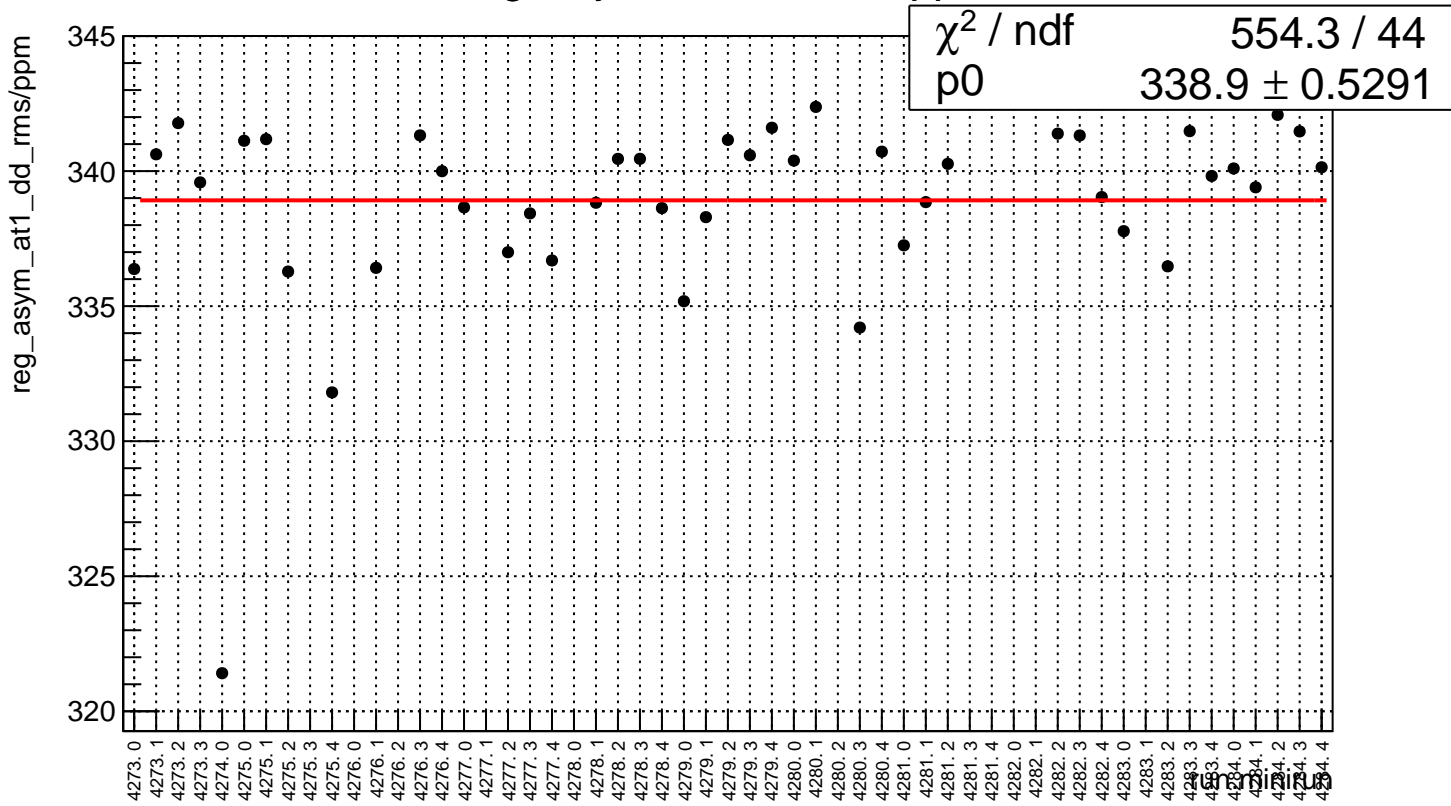
# reg\_asym\_at1\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  25.12 / 44  
 p0  $-0.1949 \pm 0.5127$

reg\_asym\_at1\_dd\_mean/ppm



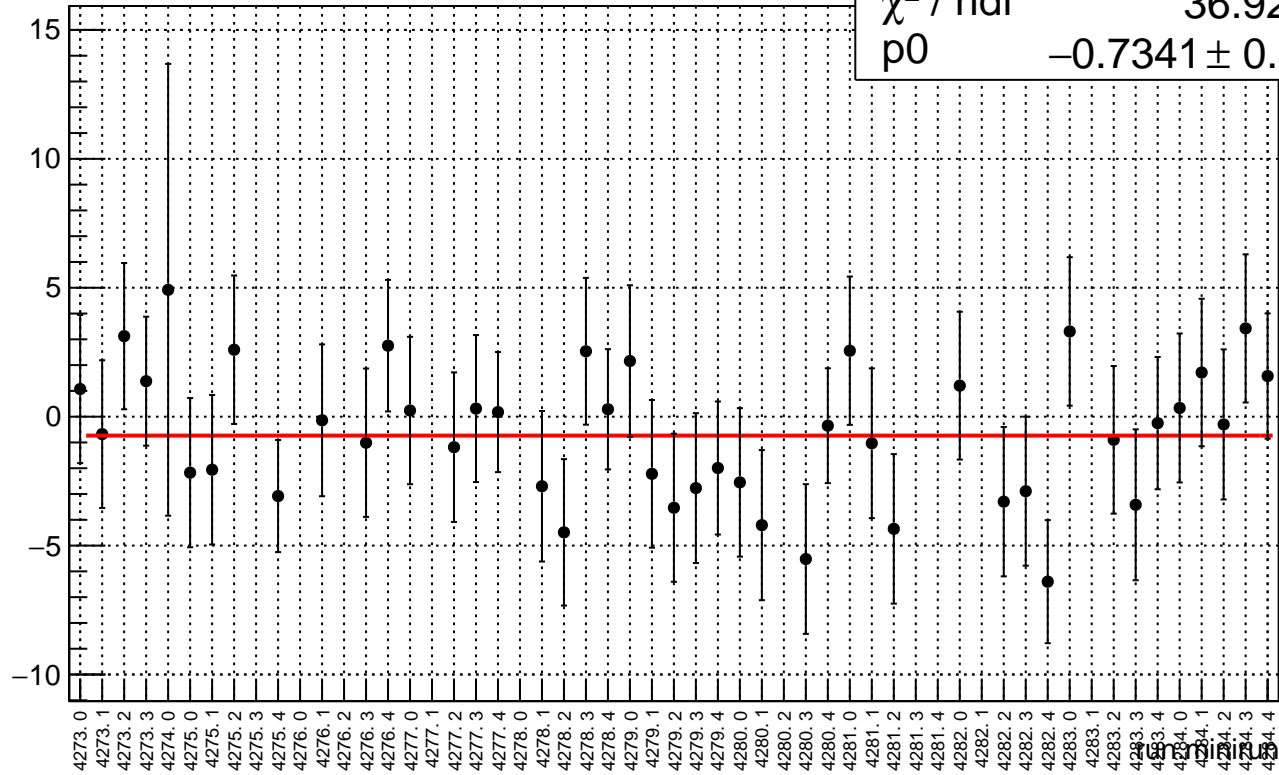
## reg\_asym\_at1\_dd\_rms/ppm



# reg\_asym\_at2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  36.92 / 44  
 $p_0$   $-0.7341 \pm 0.4137$

reg\_asym\_at2\_avg\_mean/ppm

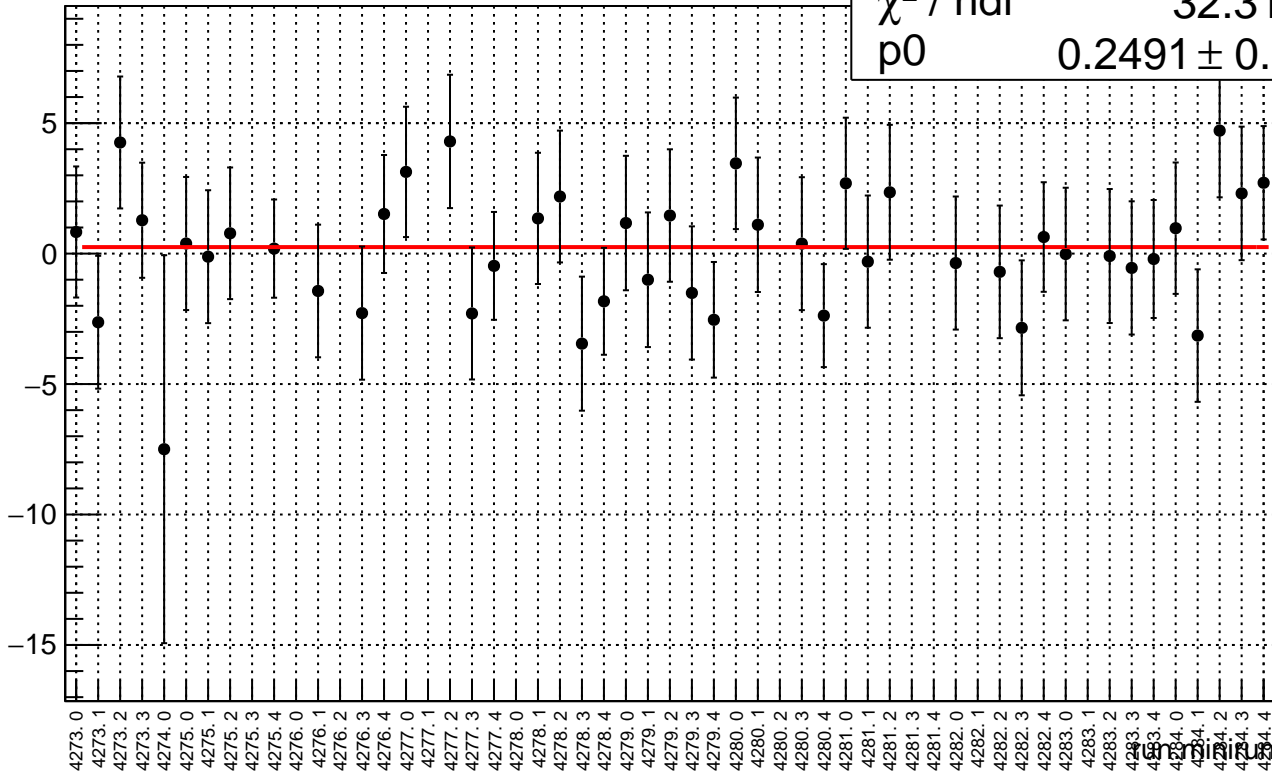




# reg\_asym\_at2\_dd\_mean/ppm

reg\_asym\_at2\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  32.31 / 44  
 p0  $0.2491 \pm 0.3647$



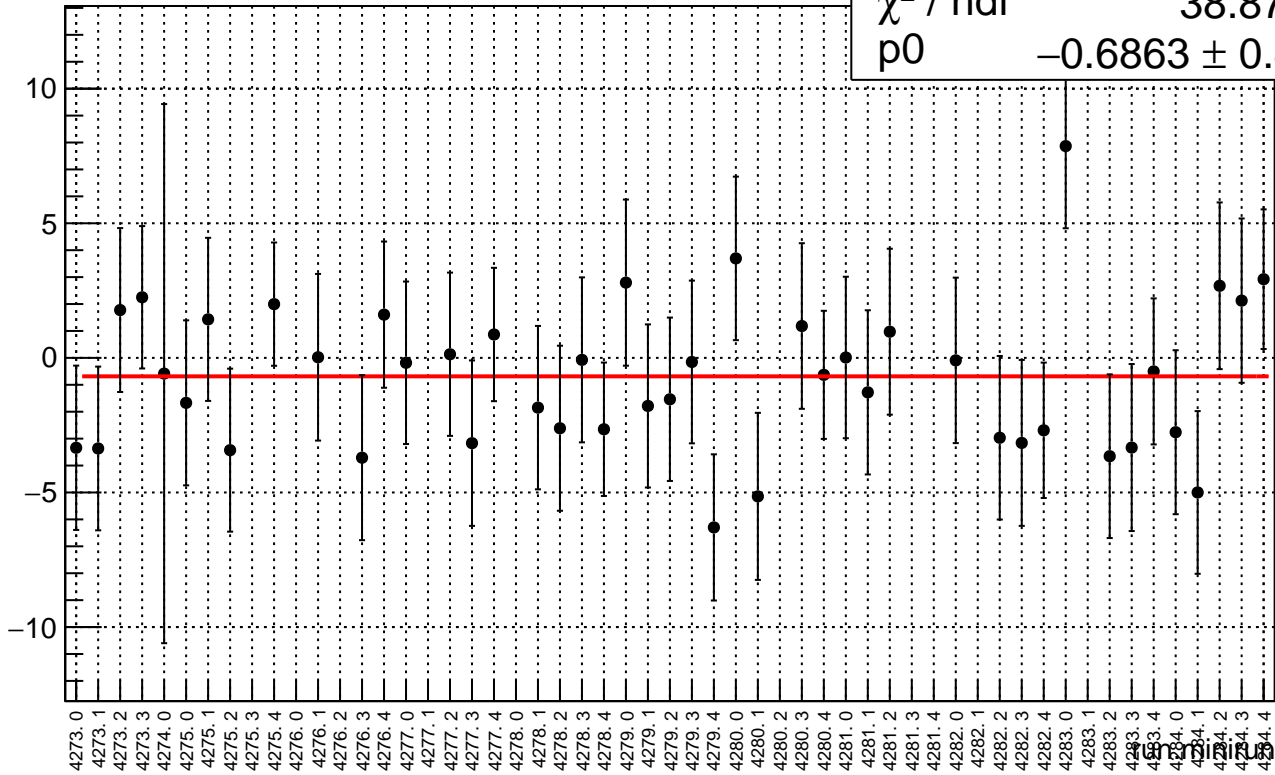




# reg\_asym\_atl1r2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  38.87 / 44  
 p0  $-0.6863 \pm 0.4382$

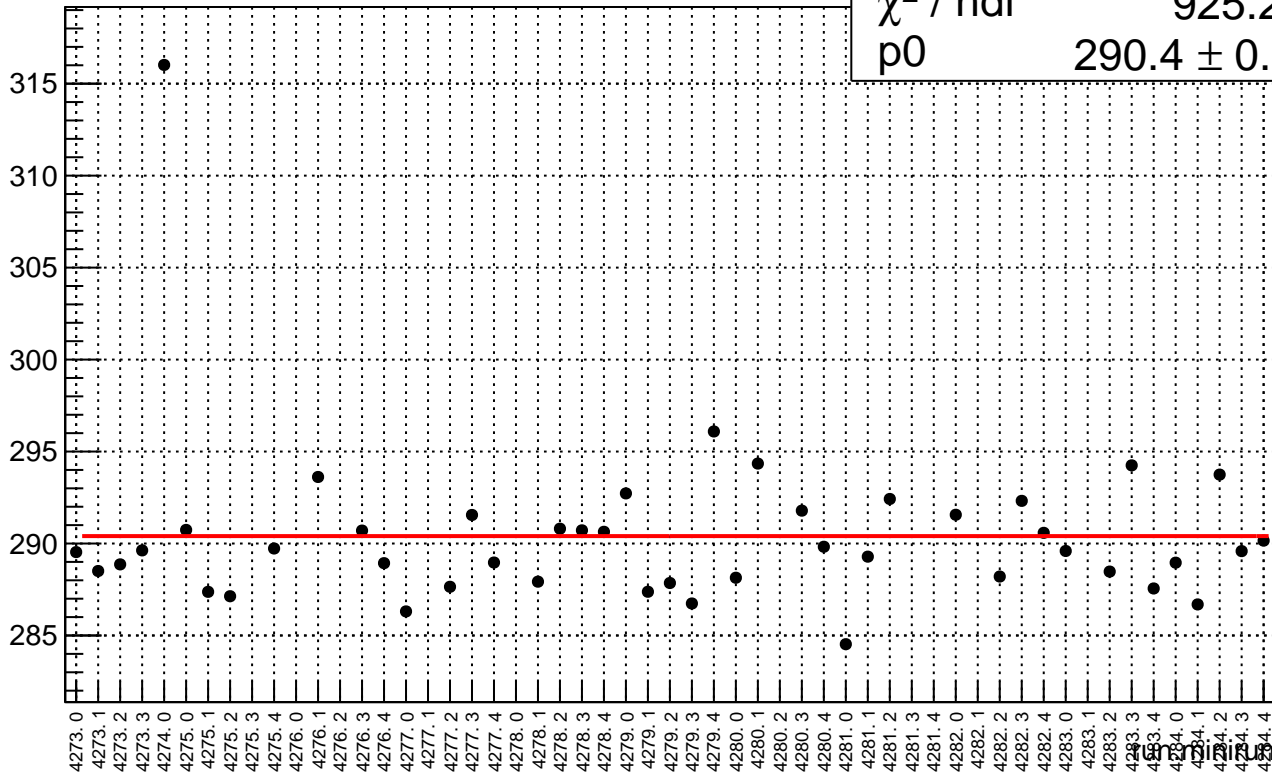
reg\_asym\_atl1r2\_avg\_mean/ppm



# reg\_asym\_atl1r2\_avg\_rms/ppm

reg\_asym\_atl1r2\_avg\_rms/ppm

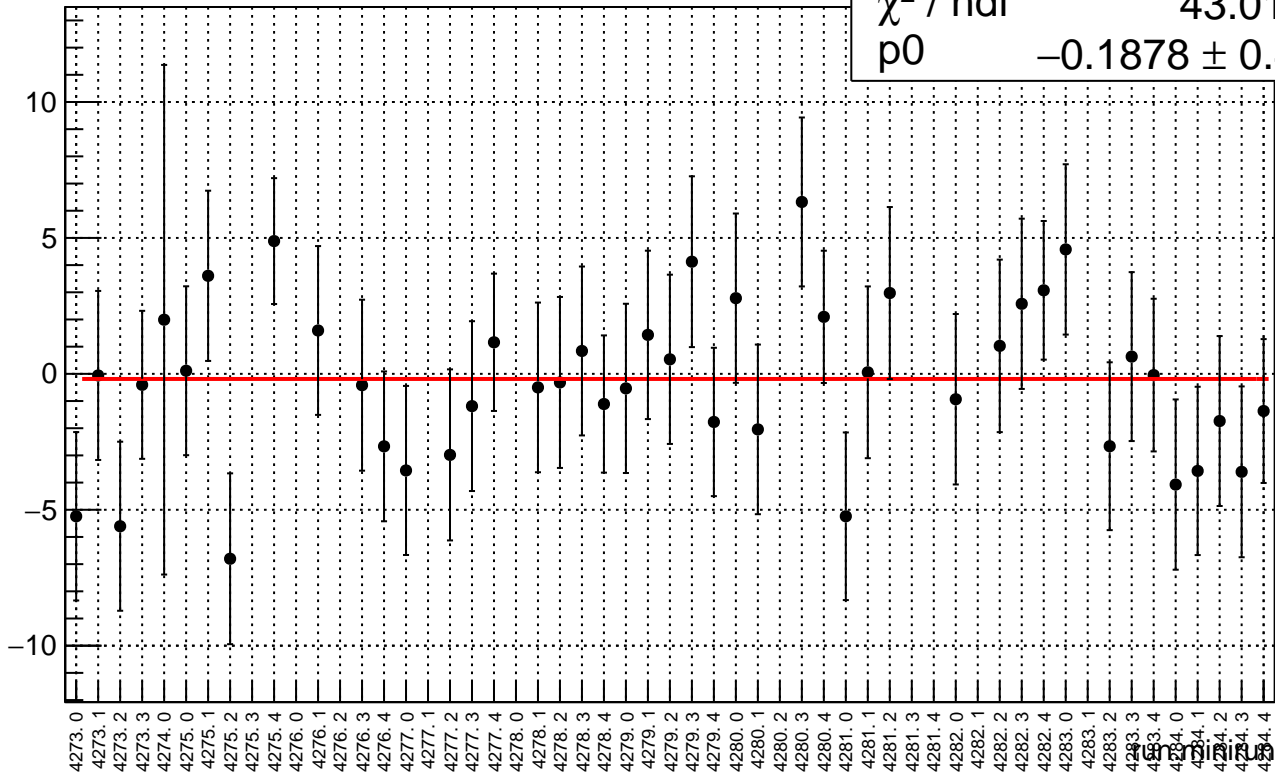
$\chi^2 / \text{ndf}$  925.2 / 44  
 p0 290.4 ± 0.6836



# reg\_asym\_atl1r2\_dd\_mean/ppm

reg\_asym\_atl1r2\_dd\_mean/ppm

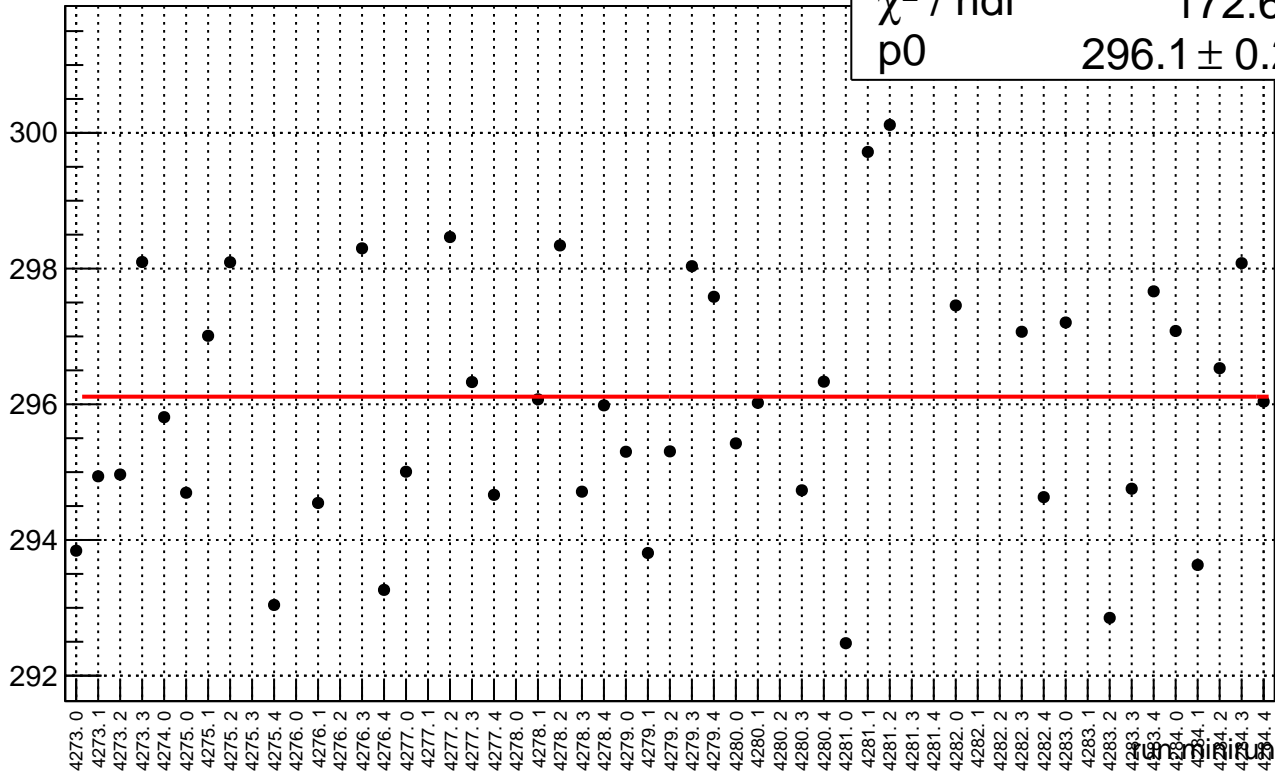
$\chi^2 / \text{ndf}$  43.01 / 44  
 $p_0$   $-0.1878 \pm 0.4476$



# reg\_asym\_atl1r2\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  172.6 / 44  
 p0  $296.1 \pm 0.2952$

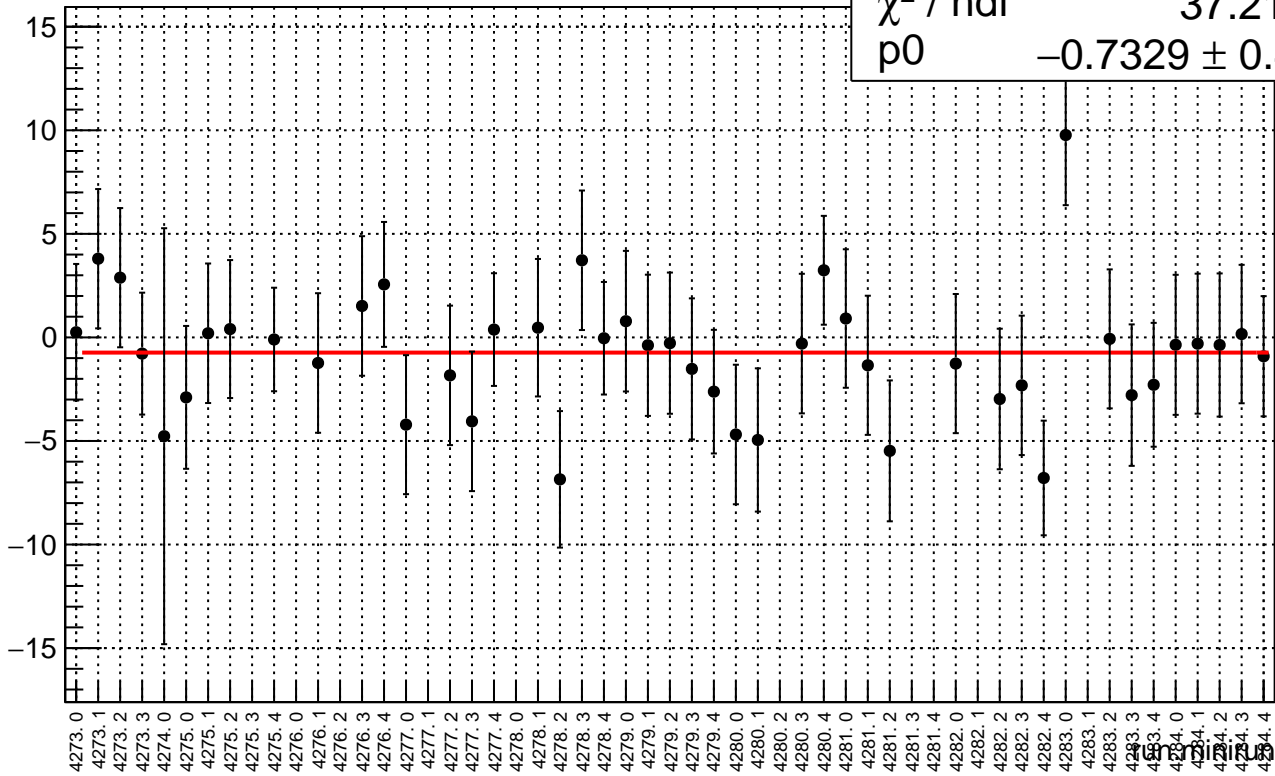
reg\_asym\_atl1r2\_dd\_rms/ppm



# reg\_asym\_atr1l2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  37.21 / 44  
 p0  $-0.7329 \pm 0.4838$

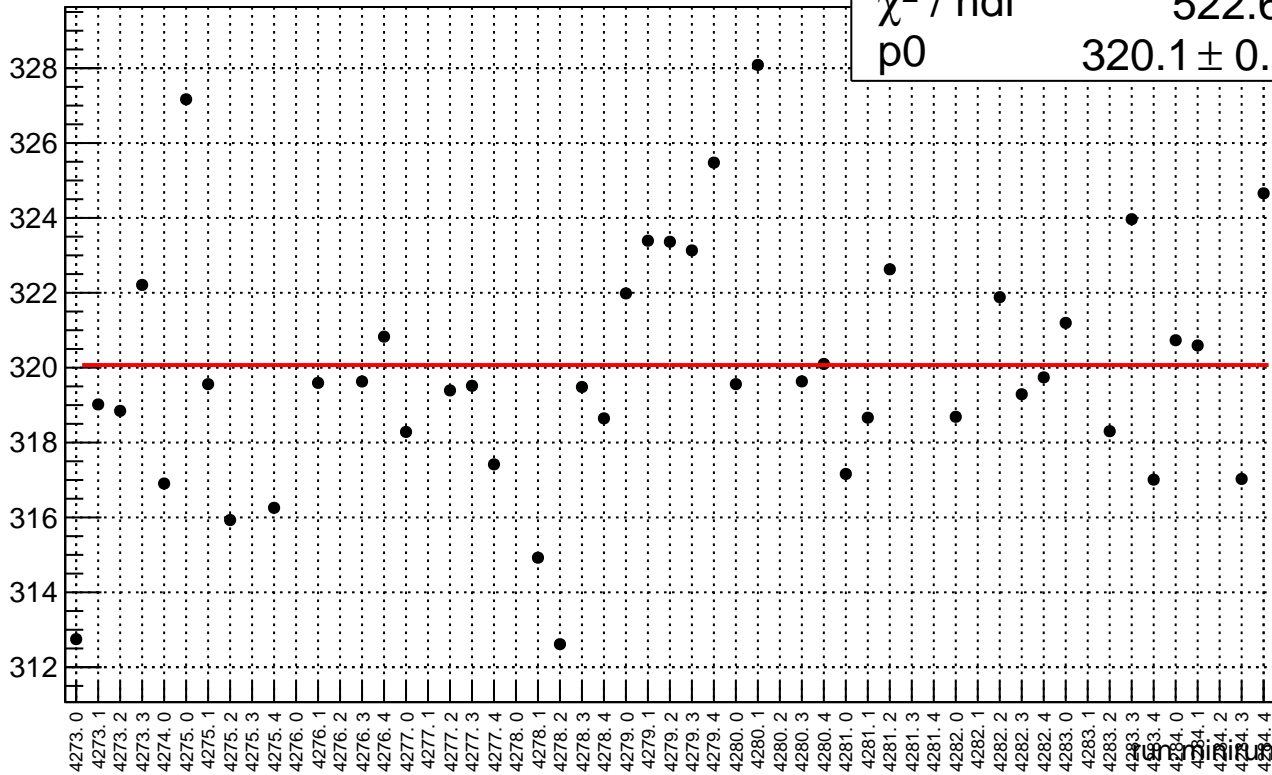
reg\_asym\_atr1l2\_avg\_mean/ppm



# reg\_asym\_atr1l2\_avg\_rms/ppm

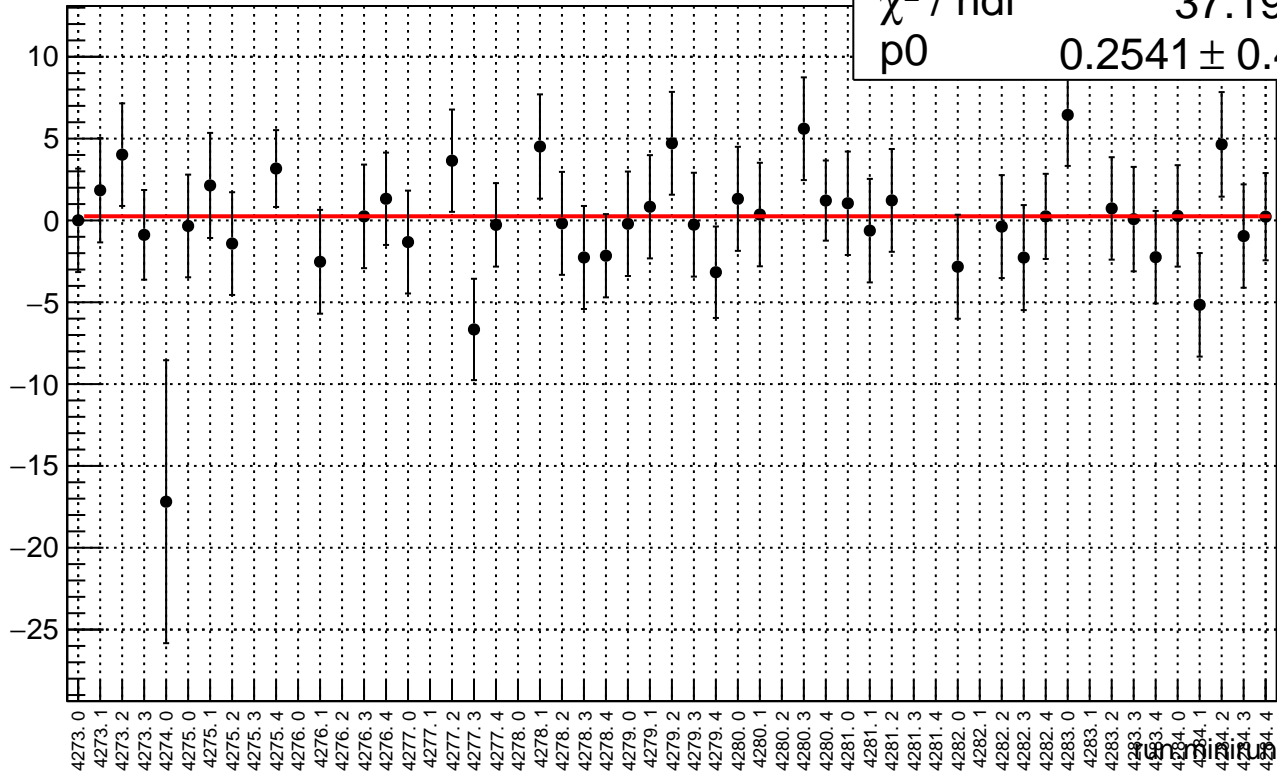
reg\_asym\_atr1l2\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  522.6 / 44  
 p0  $320.1 \pm 0.5137$



# reg\_asym\_atr1l2\_dd\_mean/ppm

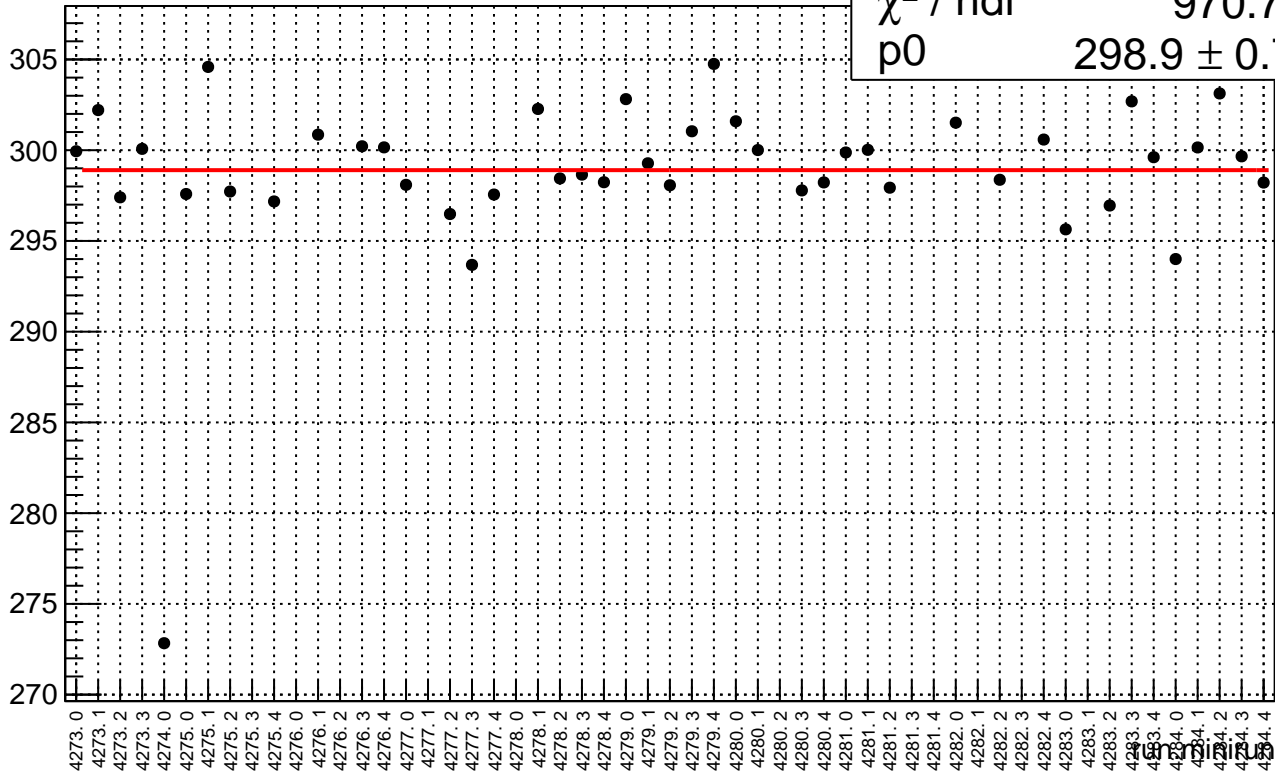
reg\_asym\_atr1l2\_dd\_mean/ppm



# reg\_asym\_atr1l2\_dd\_rms/ppm

reg\_asym\_atr1l2\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  970.7 / 44  
 p0  $298.9 \pm 0.7002$

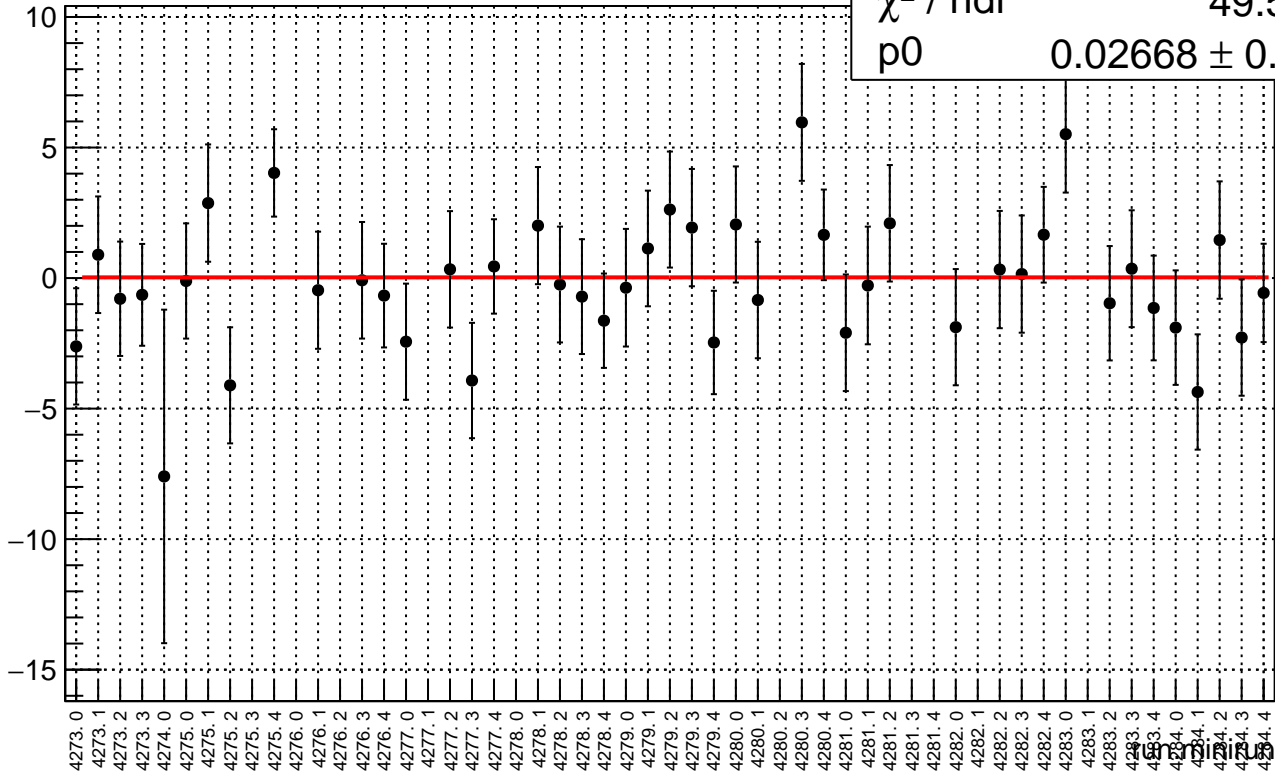




# reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm

reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm

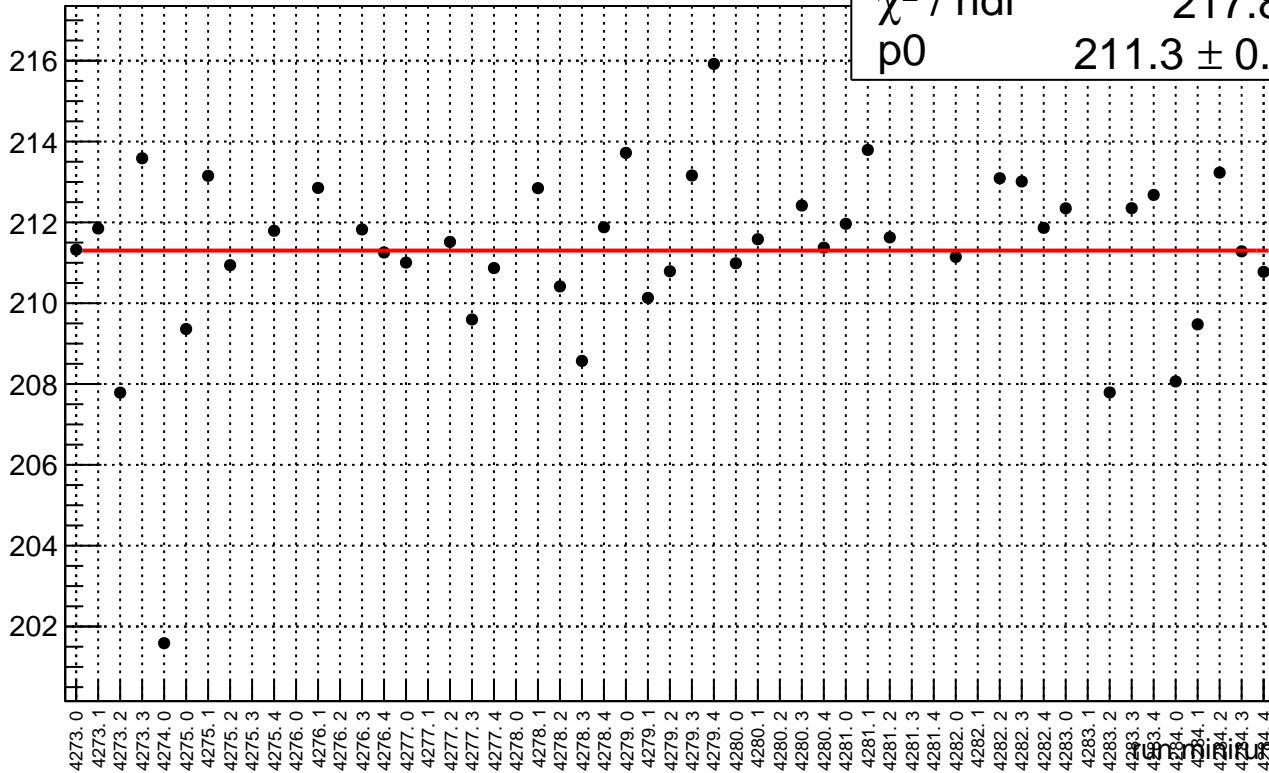
$\chi^2 / \text{ndf}$  49.5 / 44  
 p0  $0.02668 \pm 0.3198$



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

$\chi^2 / \text{ndf}$  217.8 / 44  
 p0  $211.3 \pm 0.3317$

reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms/ppm



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

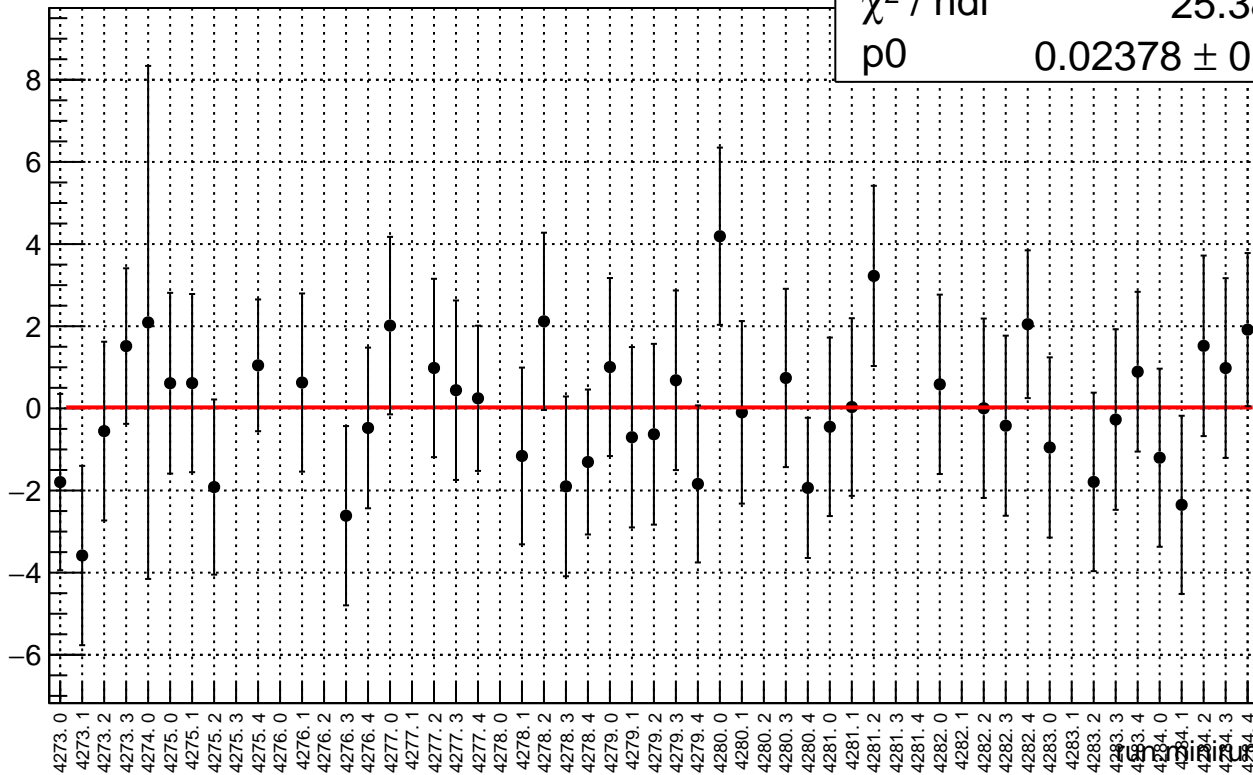
$\chi^2 / \text{ndf}$

25.38 / 44

p0

$0.02378 \pm 0.3125$

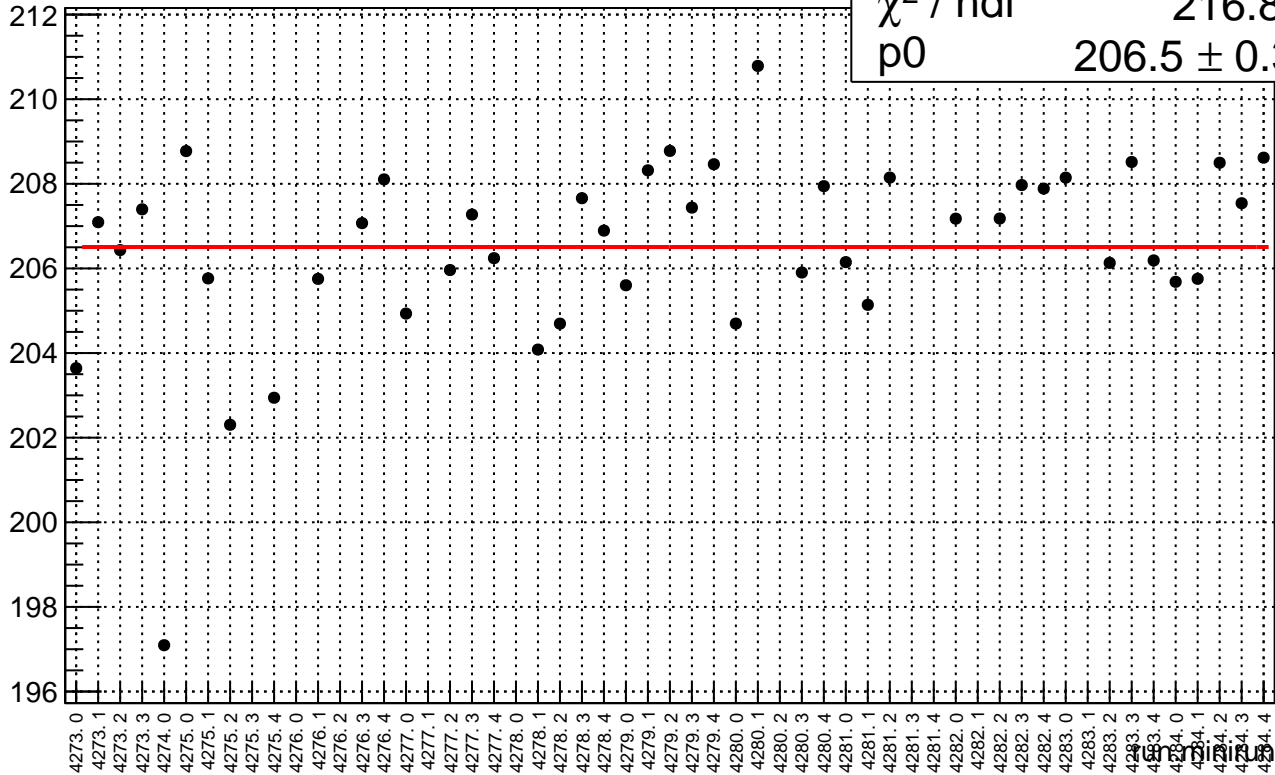
reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean/ppm



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

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

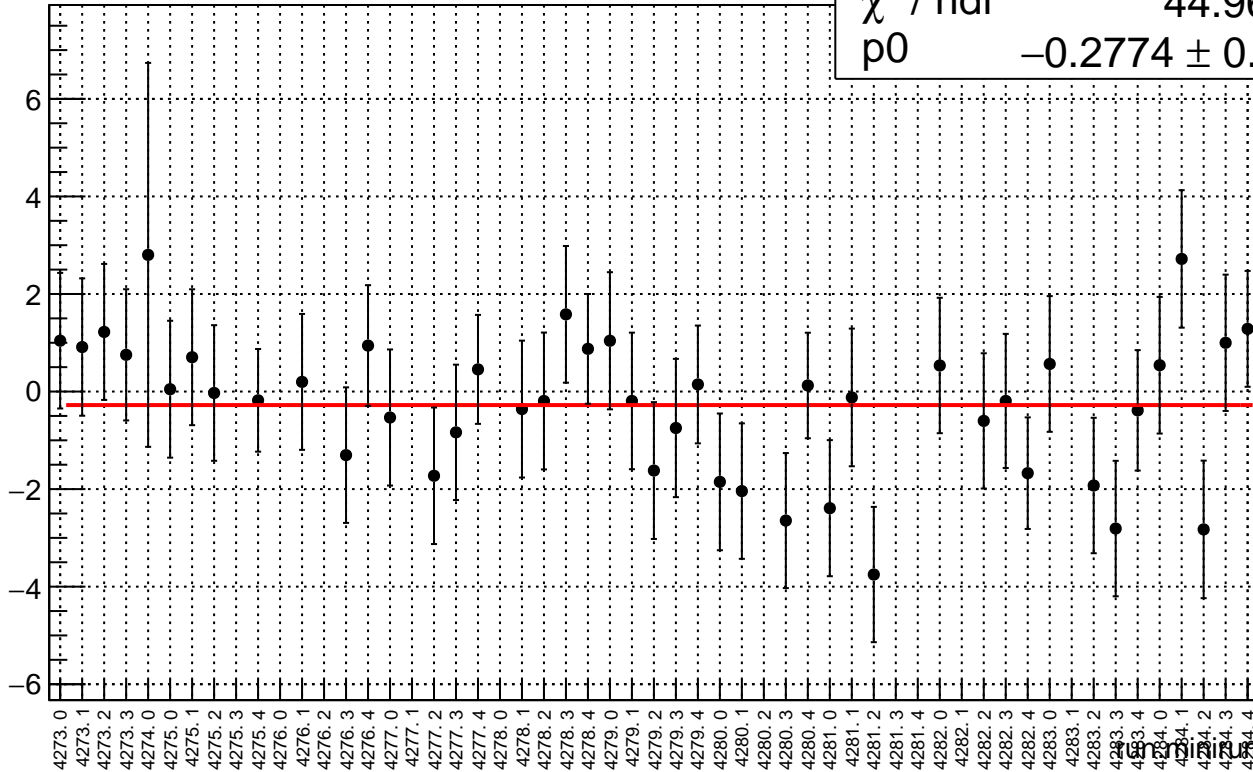
$\chi^2 / \text{ndf}$  216.8 / 44  
 p0 206.5 ± 0.3309



reg\_asym\_usl\_mean/ppm

$\chi^2 / \text{ndf}$  44.96 / 44  
p0  $-0.2774 \pm 0.2005$

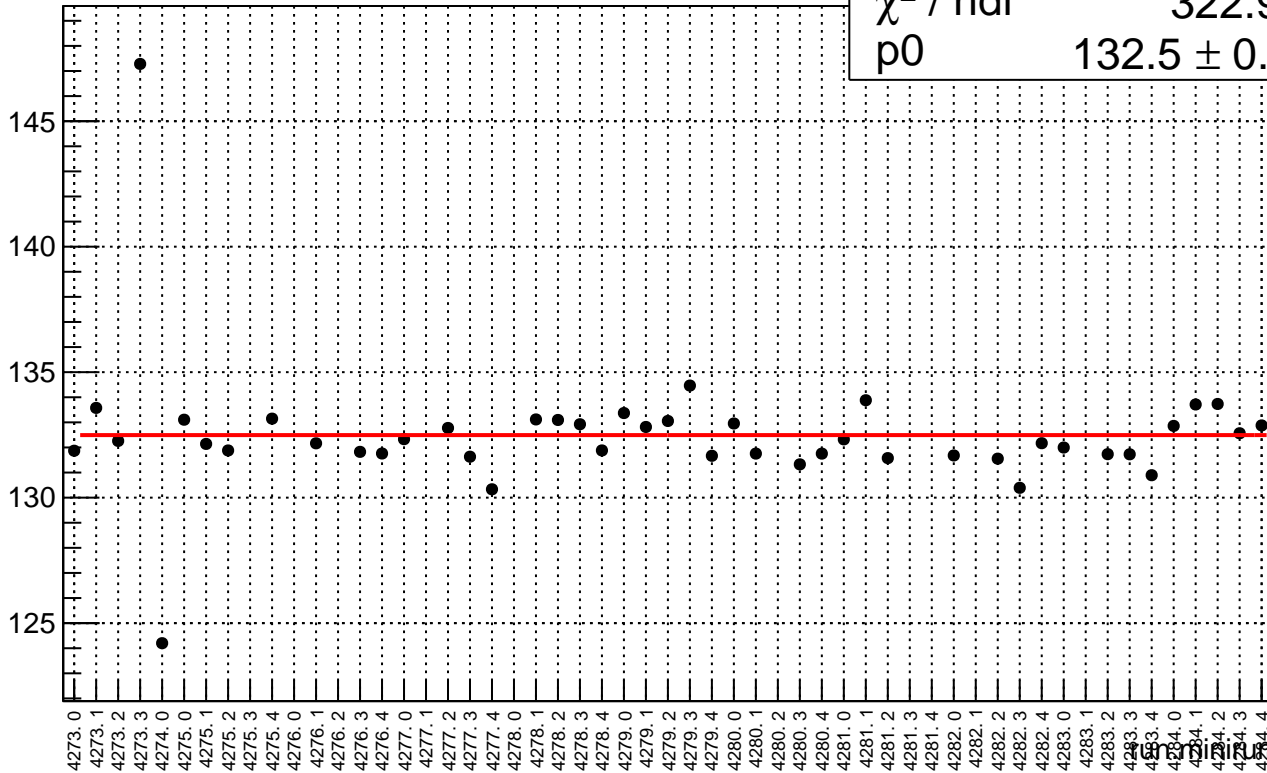
reg\_asym\_usl\_mean/ppm



reg\_asym\_usl\_rms/ppm

$\chi^2 / \text{ndf}$  322.9 / 44  
p0 132.5 ± 0.4038

reg\_asym\_usl\_rms/ppm



reg\_asym\_usr\_mean/ppm

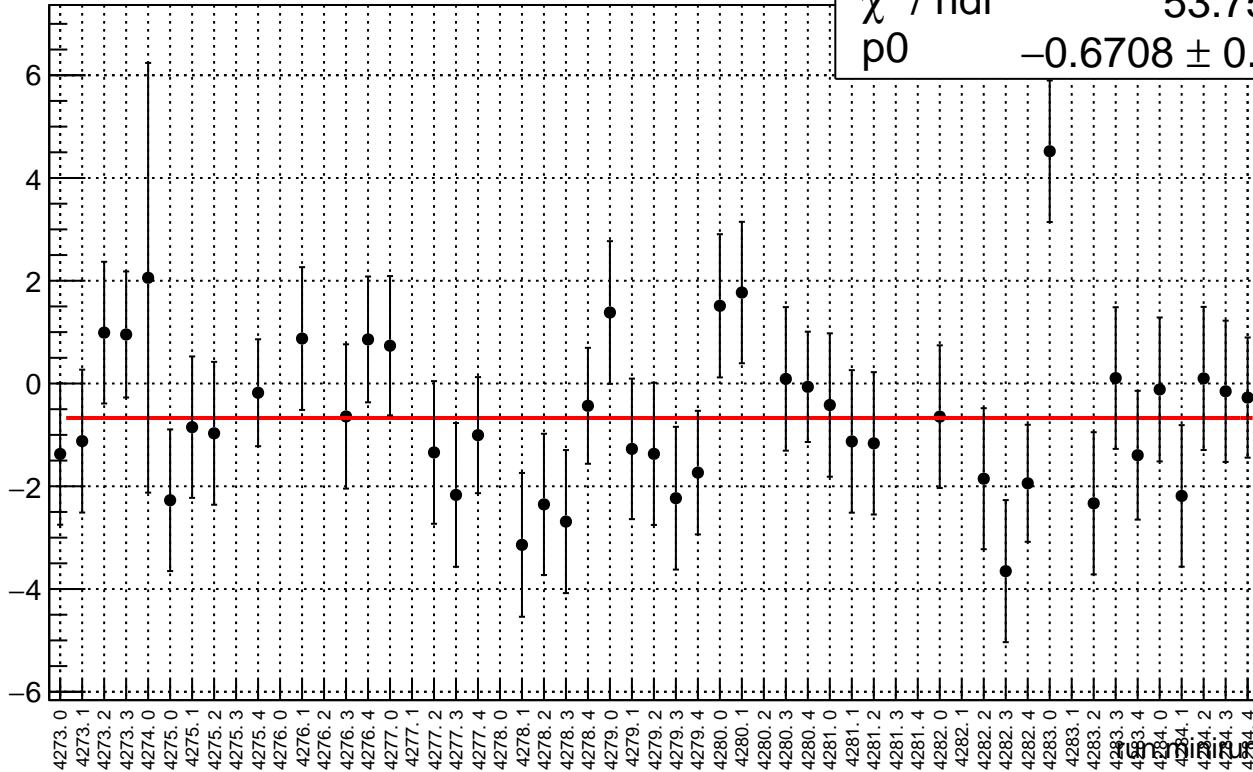
$\chi^2 / \text{ndf}$

53.75 / 44

p0

$-0.6708 \pm 0.1988$

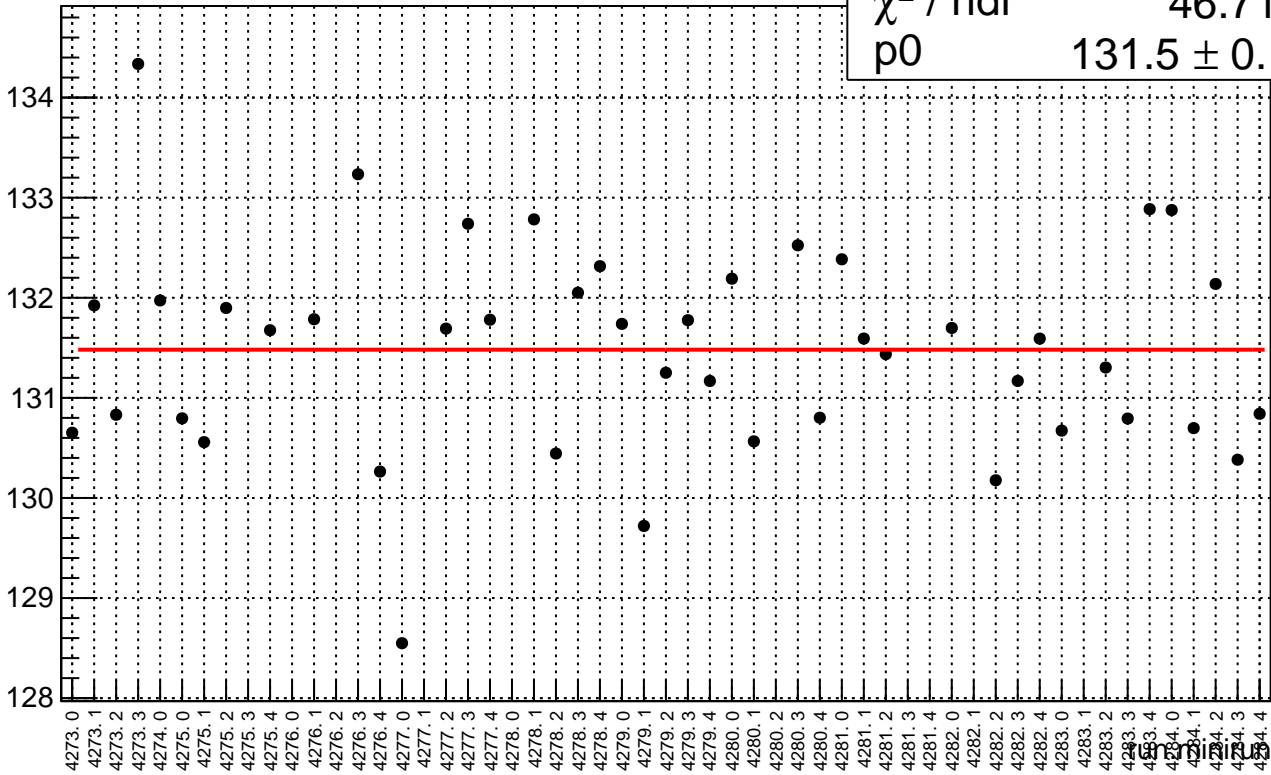
reg\_asym\_usr\_mean/ppm



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  46.71 / 44  
p0 131.5 ± 0.1536

reg\_asym\_usr\_rms/ppm

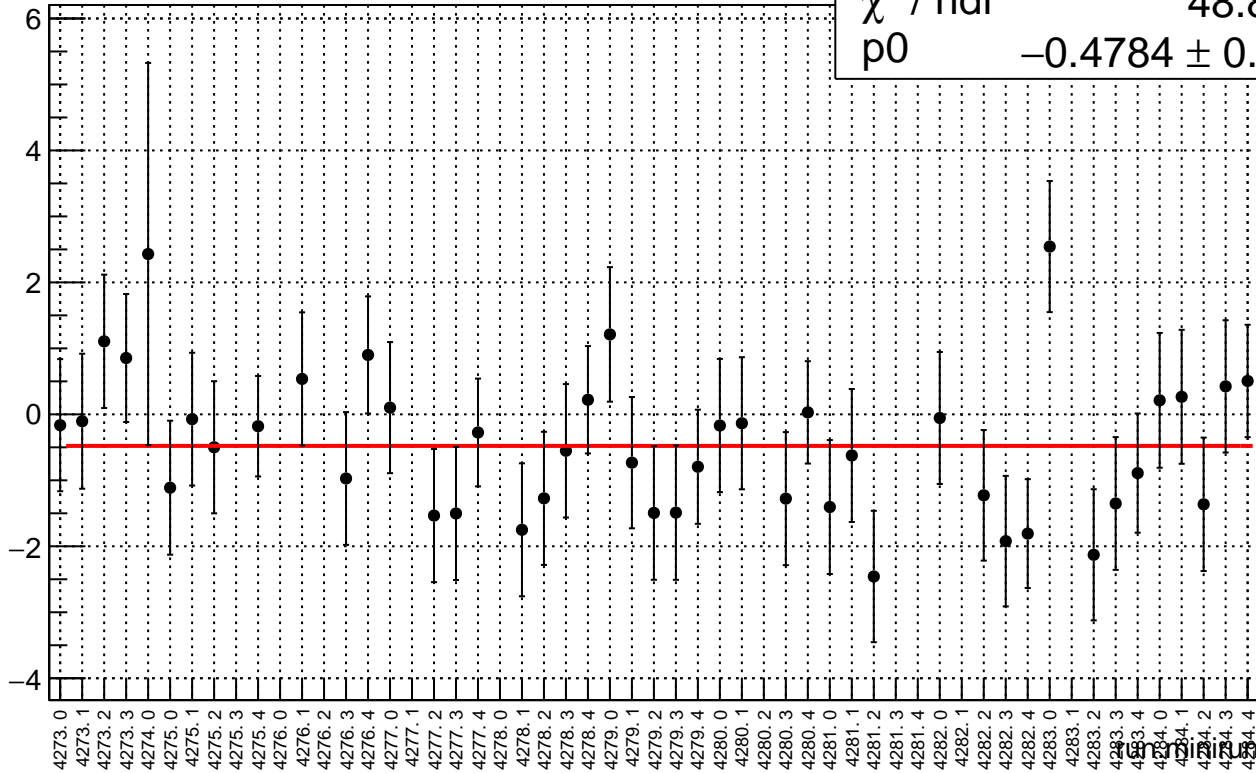




reg\_asym\_us\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  48.8 / 44  
p0  $-0.4784 \pm 0.1446$

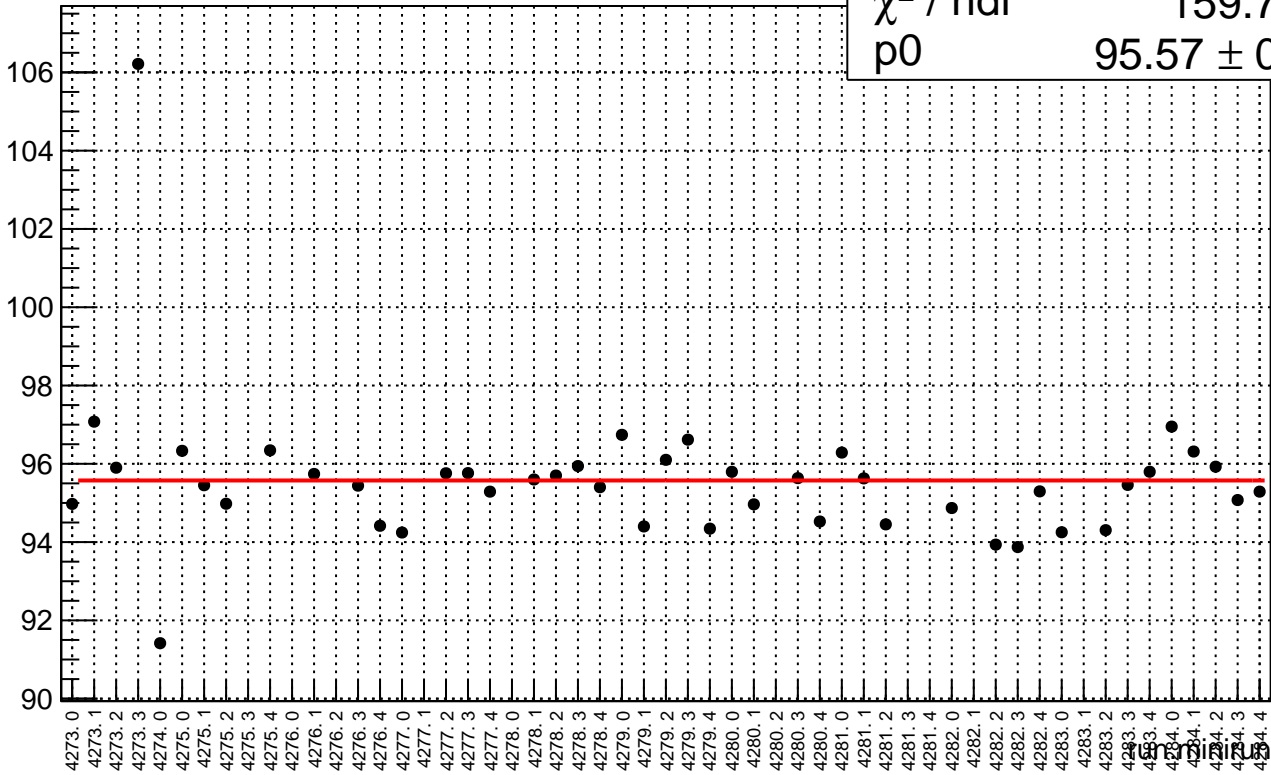
reg\_asym\_us\_avg\_mean/ppm



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

$\chi^2 / \text{ndf}$  159.7 / 44  
 p0  $95.57 \pm 0.284$

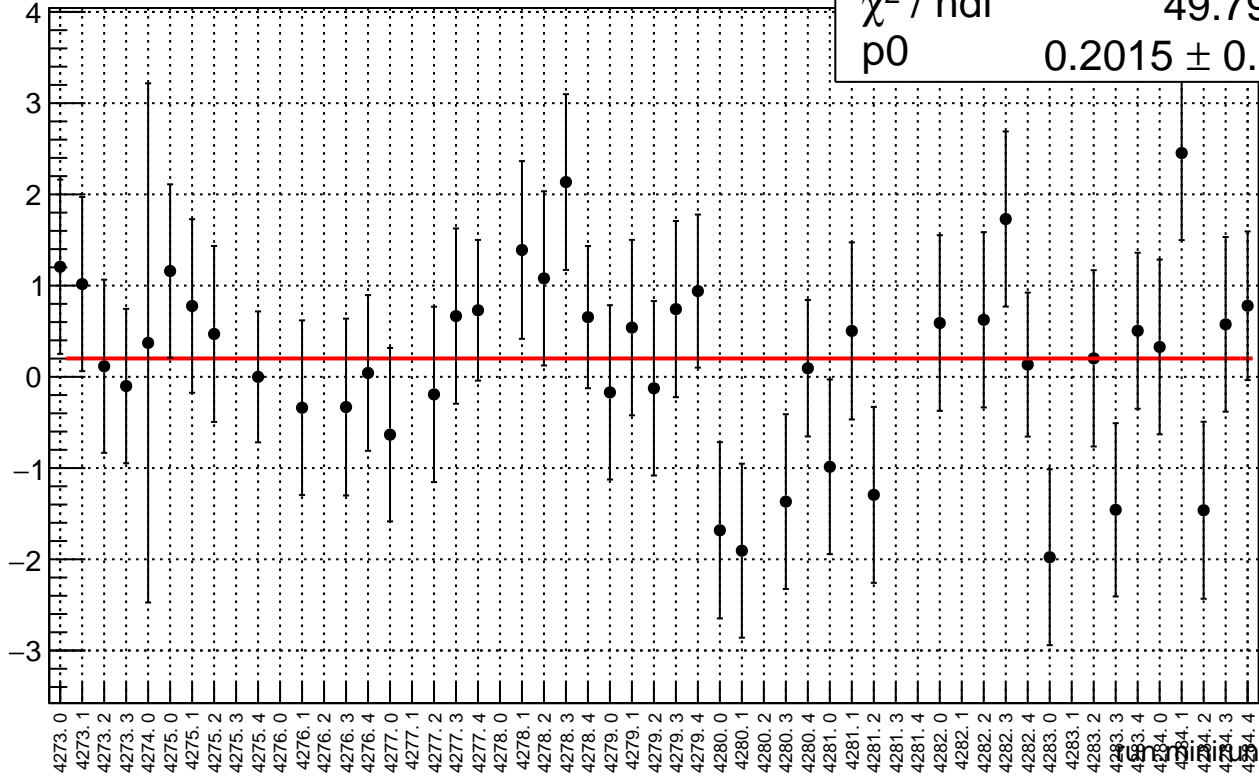
reg\_asym\_us\_avg\_rms/ppm



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

reg\_asym\_us\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  49.79 / 44  
 p0  $0.2015 \pm 0.1377$



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

reg\_asym\_us\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  18.16 / 44  
 p0 91.03 ± 0.09576

