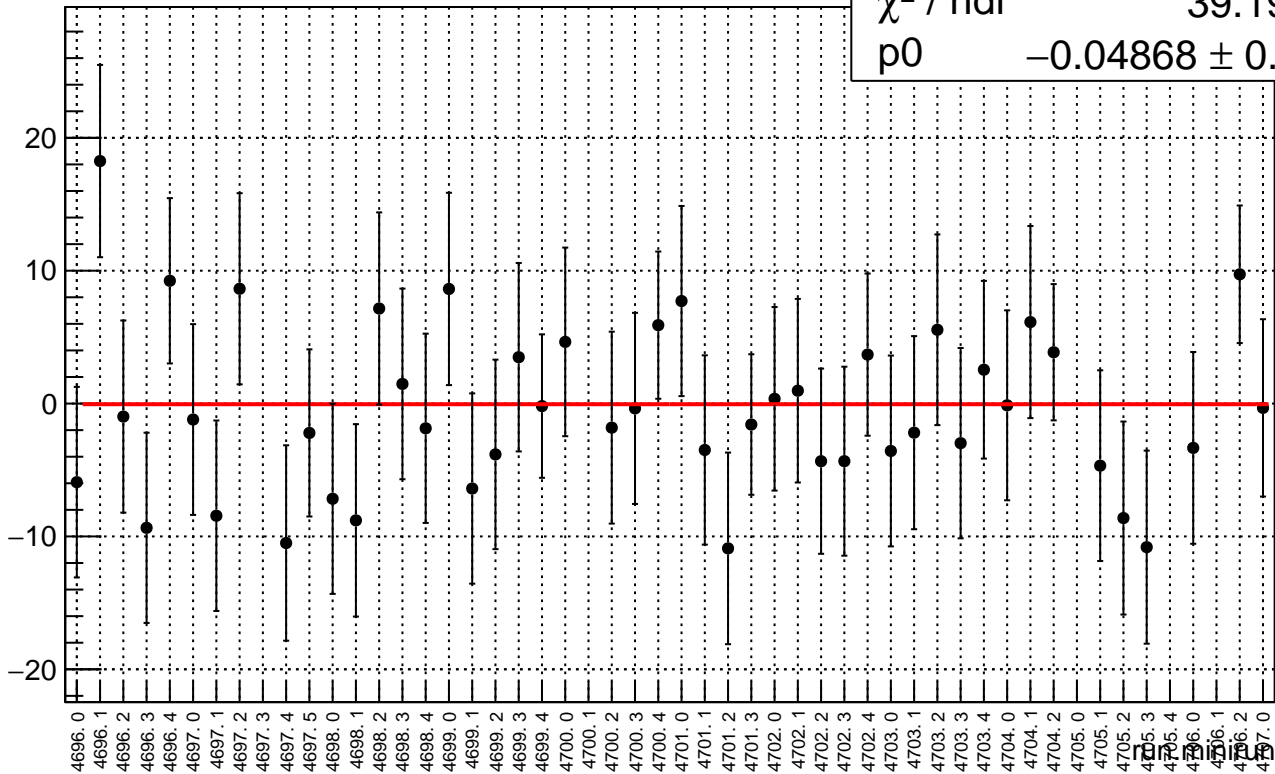


# reg\_asym\_atl1\_mean/ppm

$\chi^2 / \text{ndf}$  39.19 / 46  
 p0  $-0.04868 \pm 0.9896$

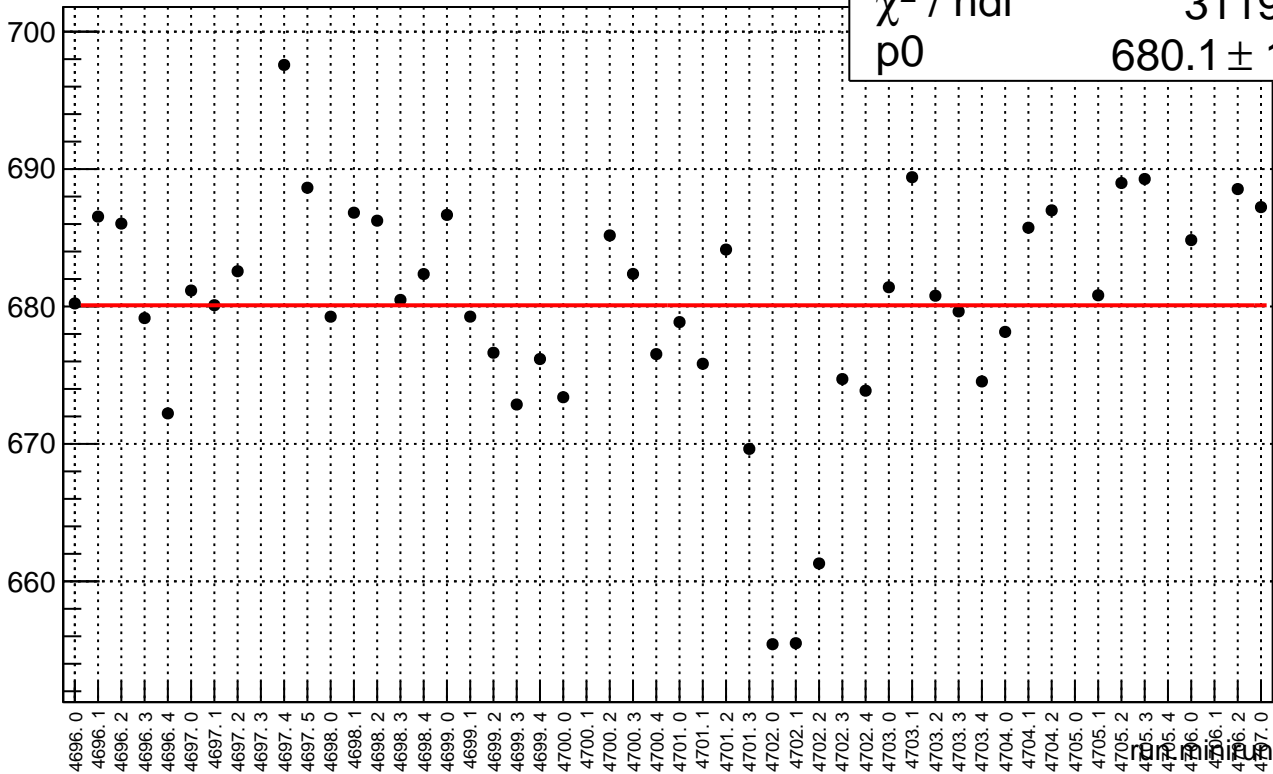
reg\_asym\_atl1\_mean/ppm



reg\_asym\_atl1\_rms/ppm

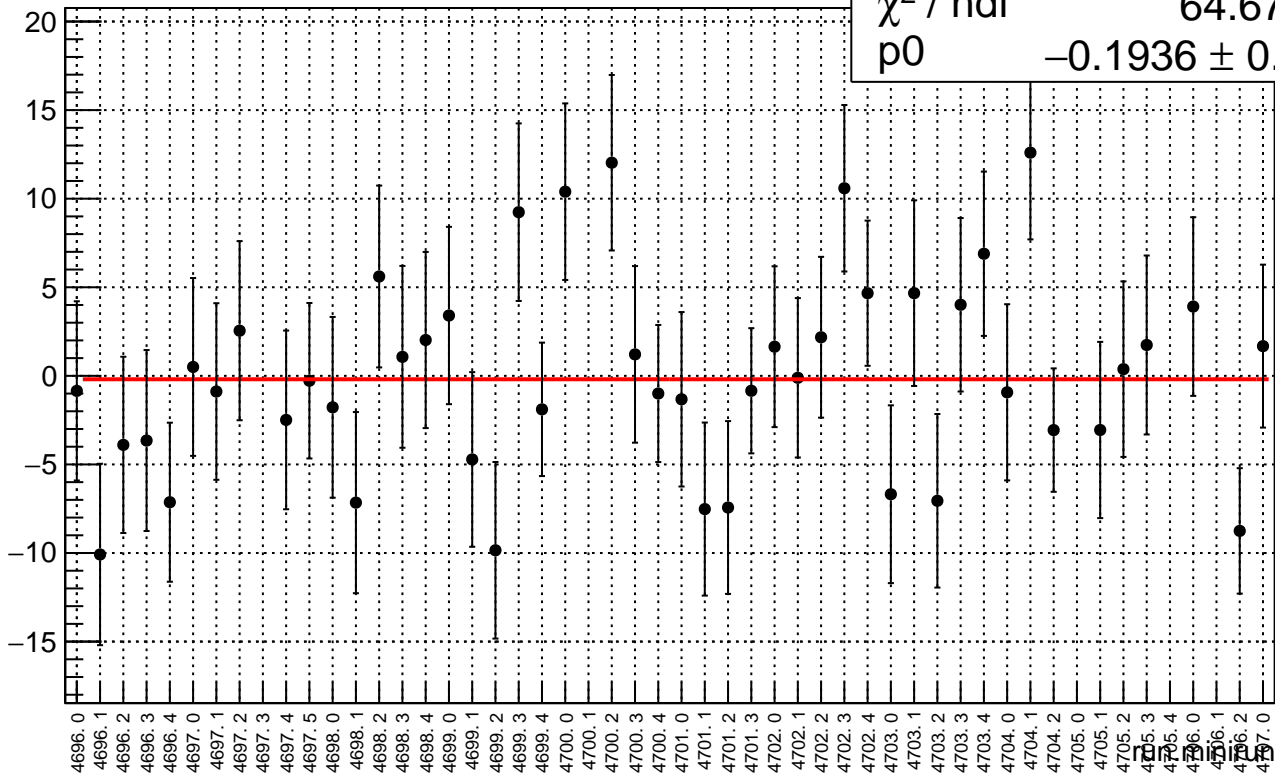
$\chi^2 / \text{ndf}$   
p0  
3119 / 46  
 $680.1 \pm 1.201$

reg\_asym\_atl1\_rms/ppm



# reg\_asym\_atl2\_mean/ppm

reg\_asym\_atl2\_mean/ppm

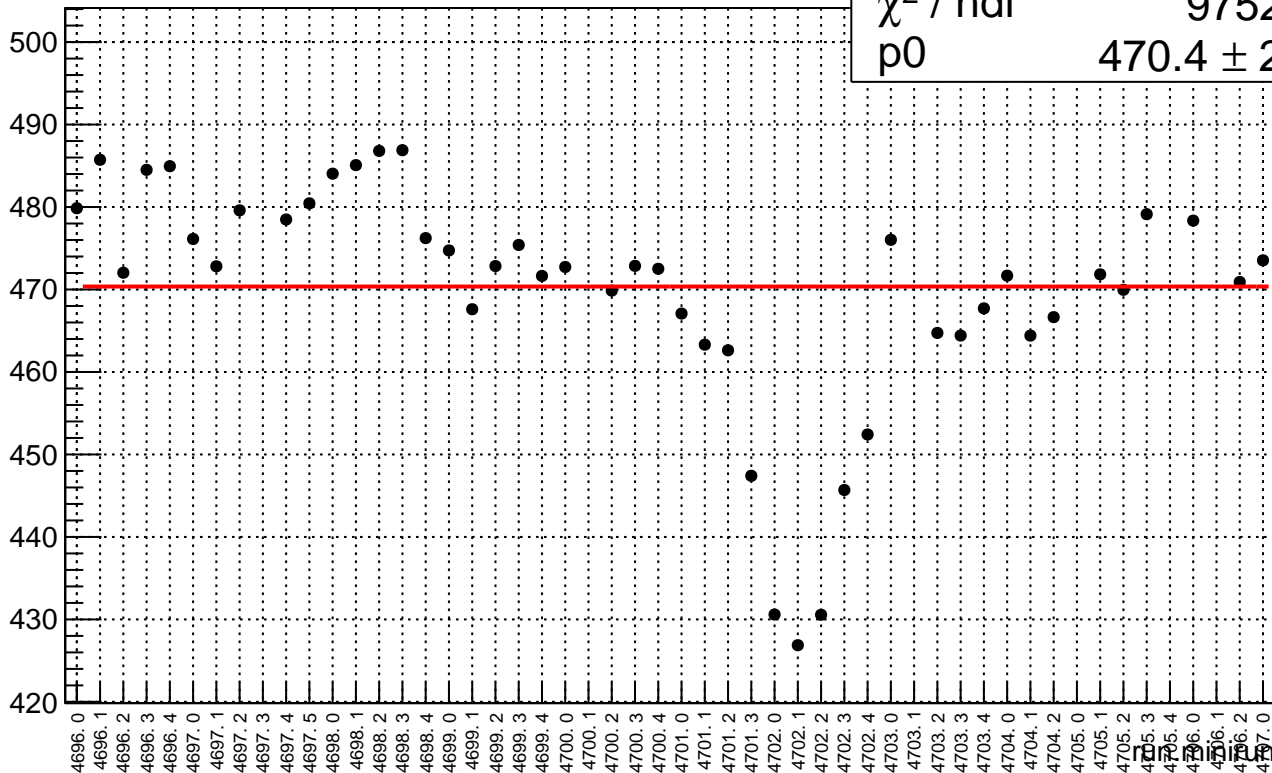


$\chi^2 / \text{ndf}$  64.67 / 46  
 p0  $-0.1936 \pm 0.6831$

# reg\_asym\_atl2\_rms/ppm

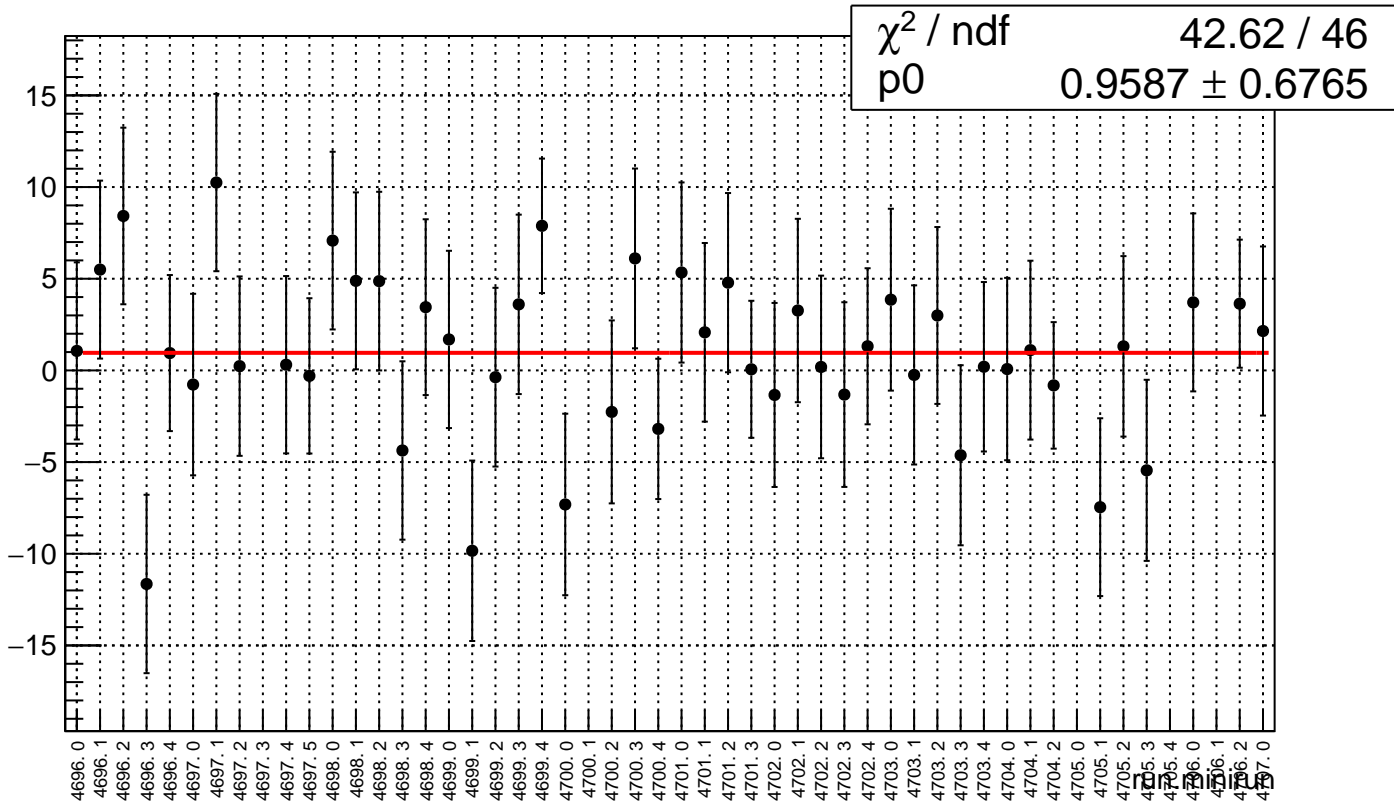
reg\_asym\_atl2\_rms/ppm

$\chi^2 / \text{ndf}$  9752 / 46  
 p0  $470.4 \pm 2.124$



# reg\_asym\_atr1\_mean/ppm

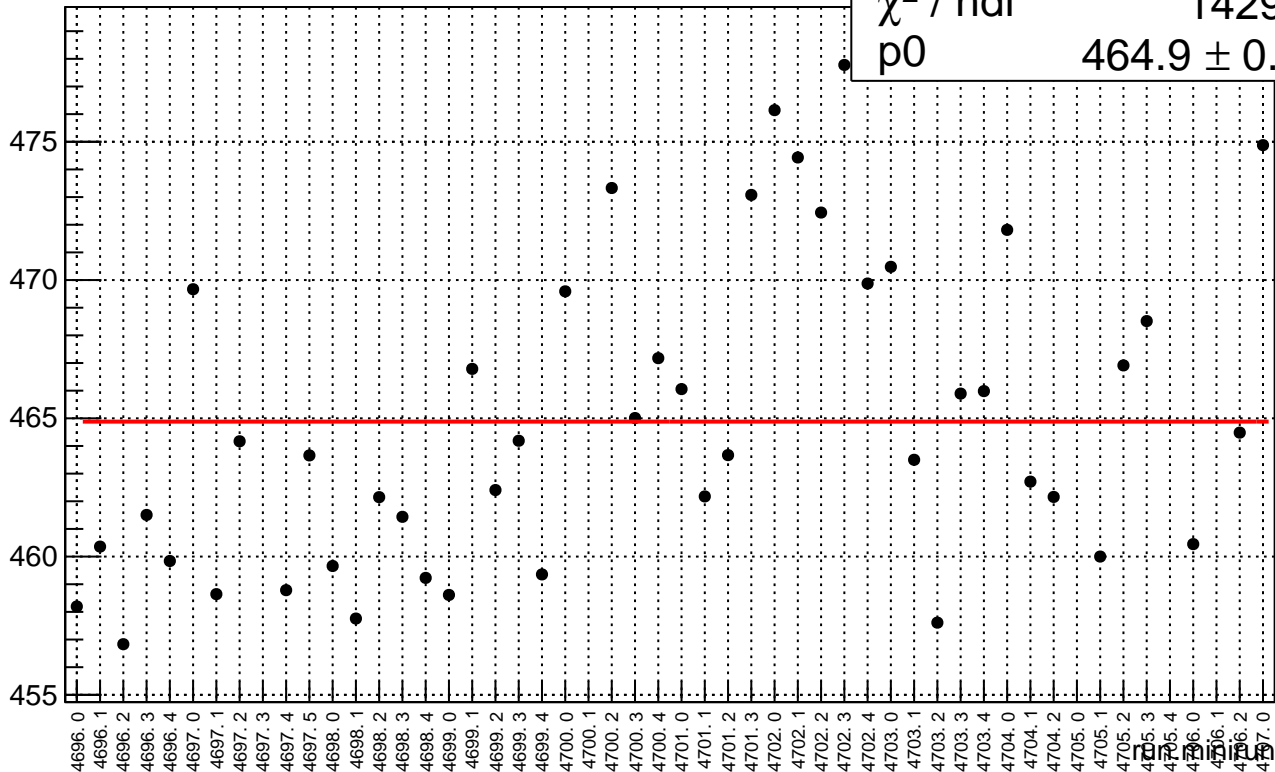
reg\_asym\_atr1\_mean/ppm



# reg\_asym\_atr1\_rms/ppm

reg\_asym\_atr1\_rms/ppm

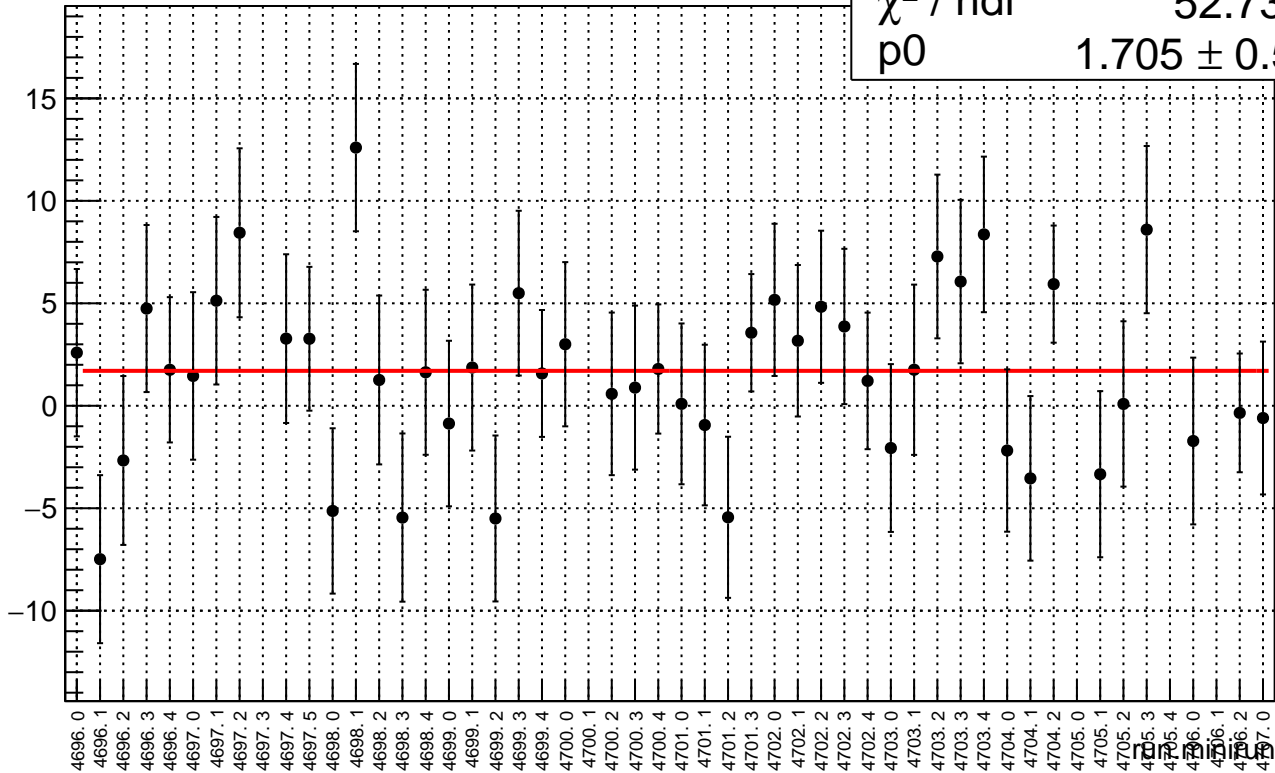
$\chi^2 / \text{ndf}$  1429 / 46  
 p0 464.9 ± 0.8131



reg\_asym\_atr2\_mean/ppm

$\chi^2 / \text{ndf}$  52.73 / 46  
p0 1.705 ± 0.5533

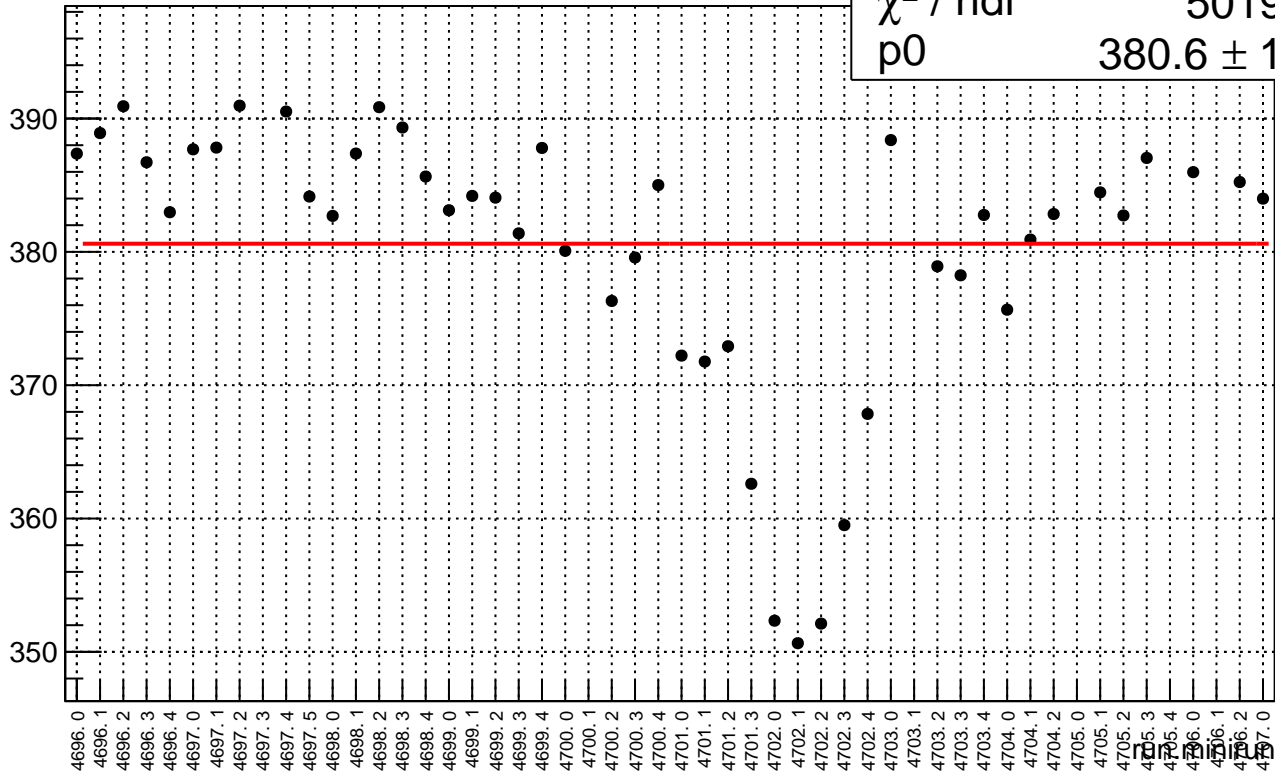
reg\_asym\_atr2\_mean/ppm



# reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$  5019 / 46  
 p0  $380.6 \pm 1.524$

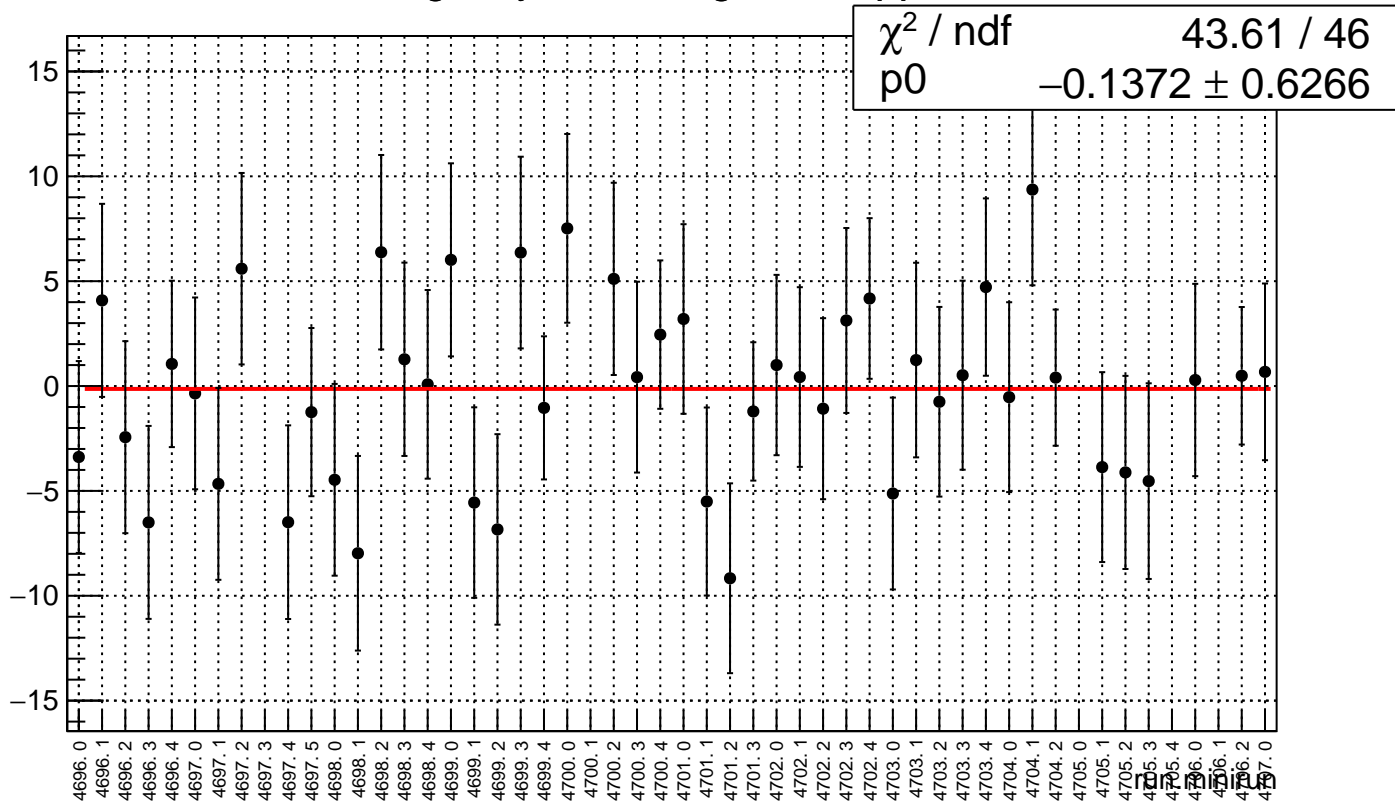
reg\_asym\_atr2\_rms/ppm





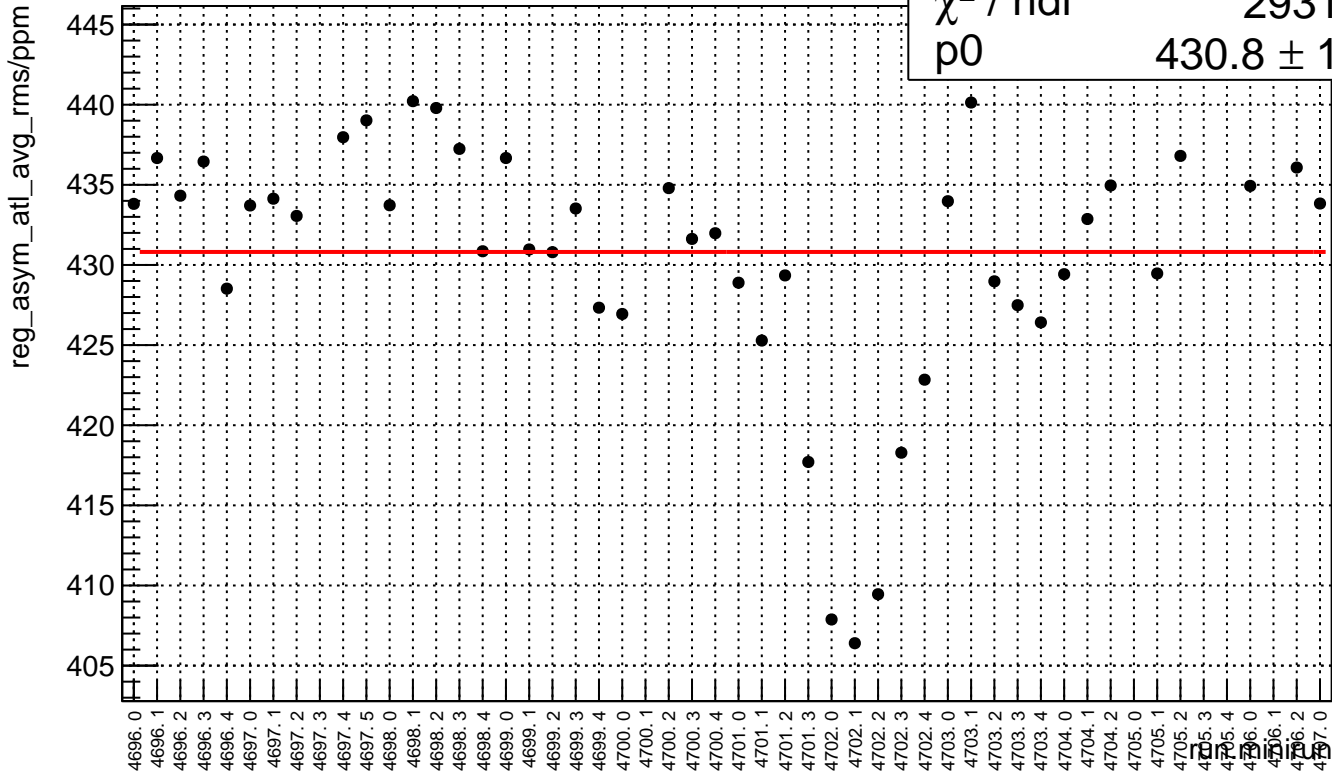
# reg\_asym\_atl\_avg\_mean/ppm

reg\_asym\_atl\_avg\_mean/ppm



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

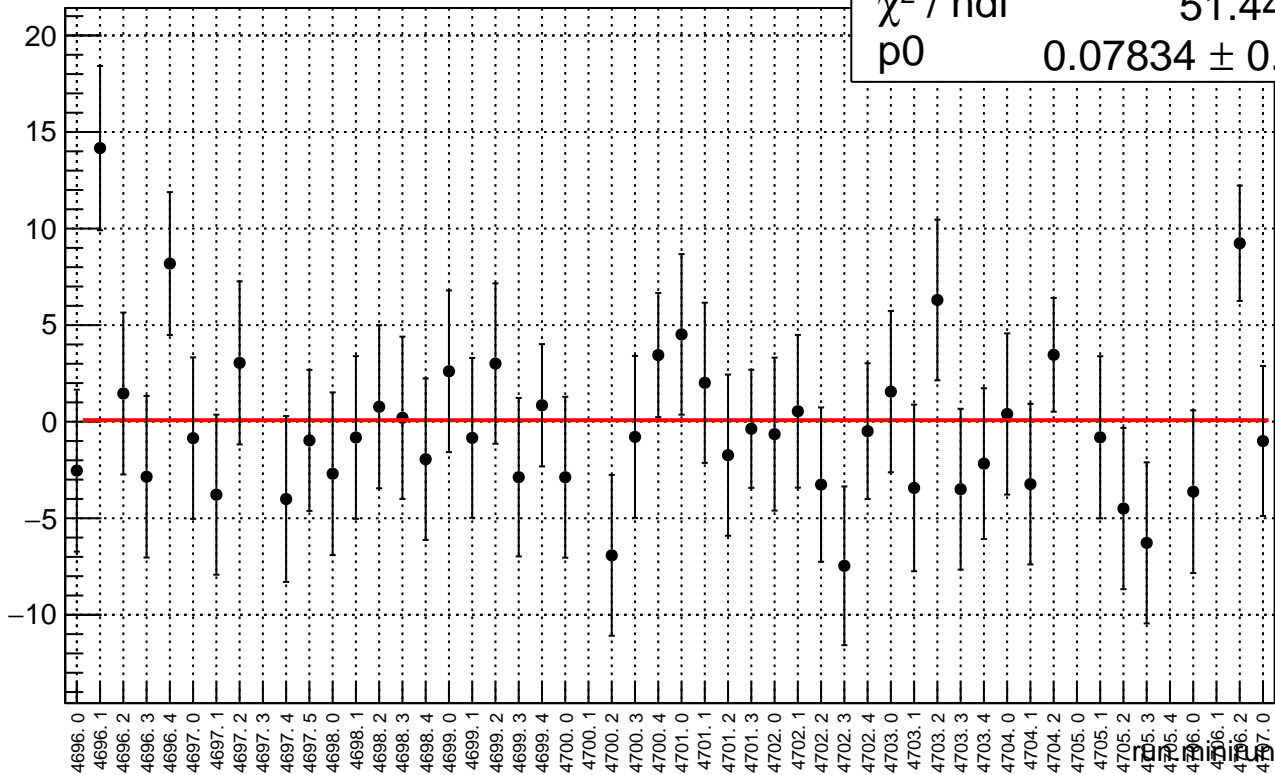
$\chi^2 / \text{ndf}$  2931 / 46  
 p0  $430.8 \pm 1.164$



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

$\chi^2 / \text{ndf}$  51.44 / 46  
 p0 0.07834 ± 0.5751

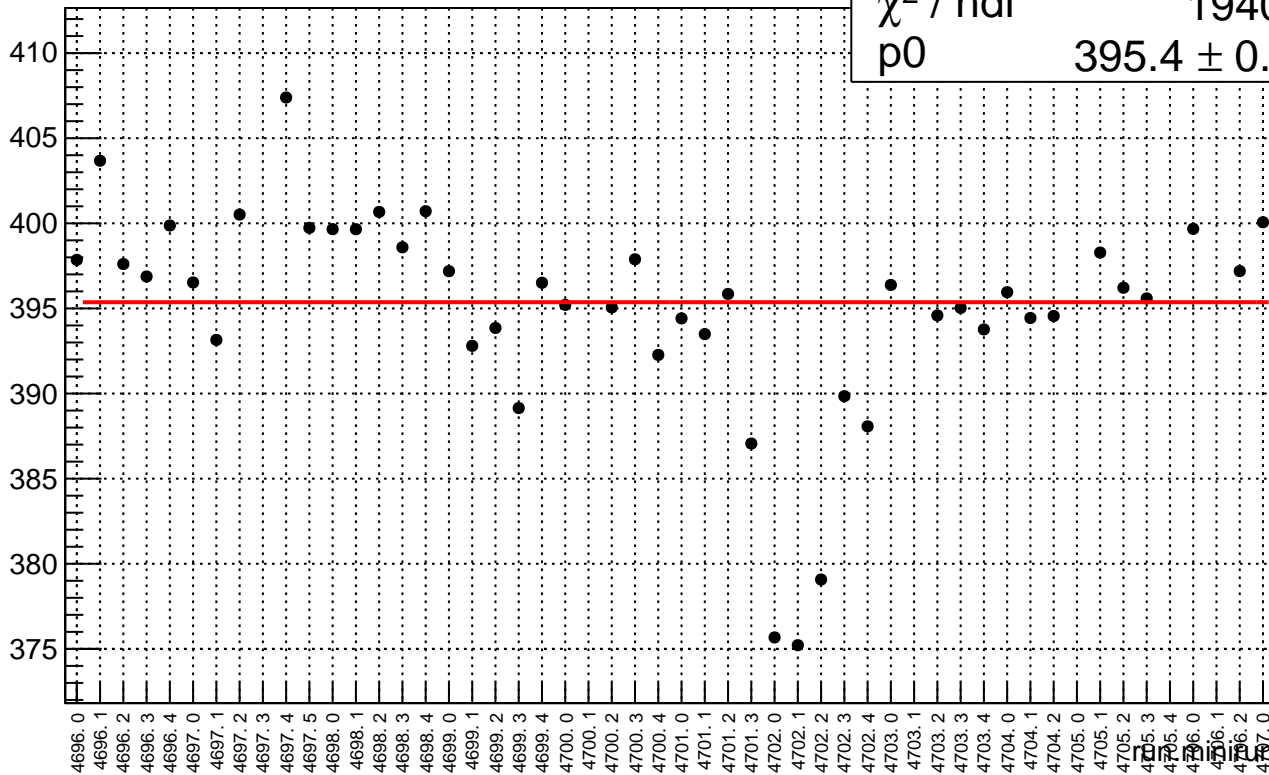
reg\_asym\_atl\_dd\_mean/ppm



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

reg\_asym\_atl\_dd\_rms/ppm

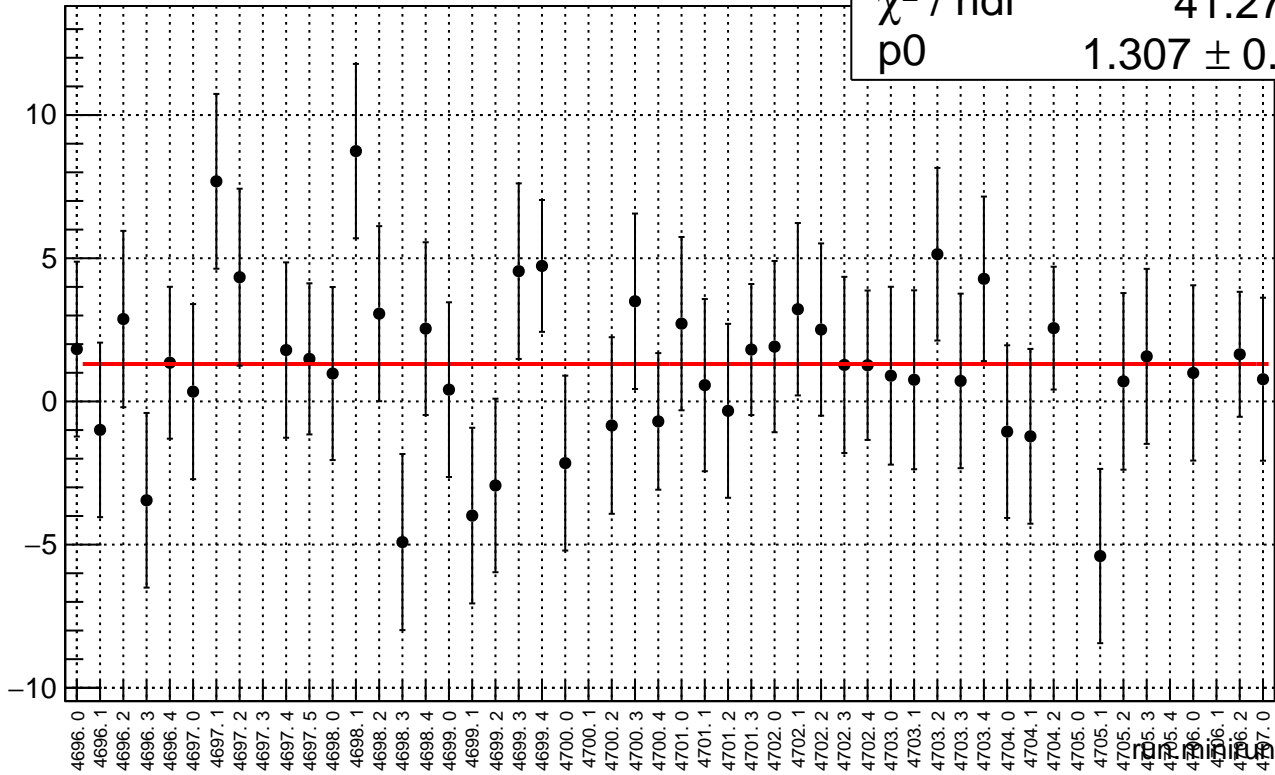
$\chi^2 / \text{ndf}$  1940 / 46  
 p0  $395.4 \pm 0.9473$



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

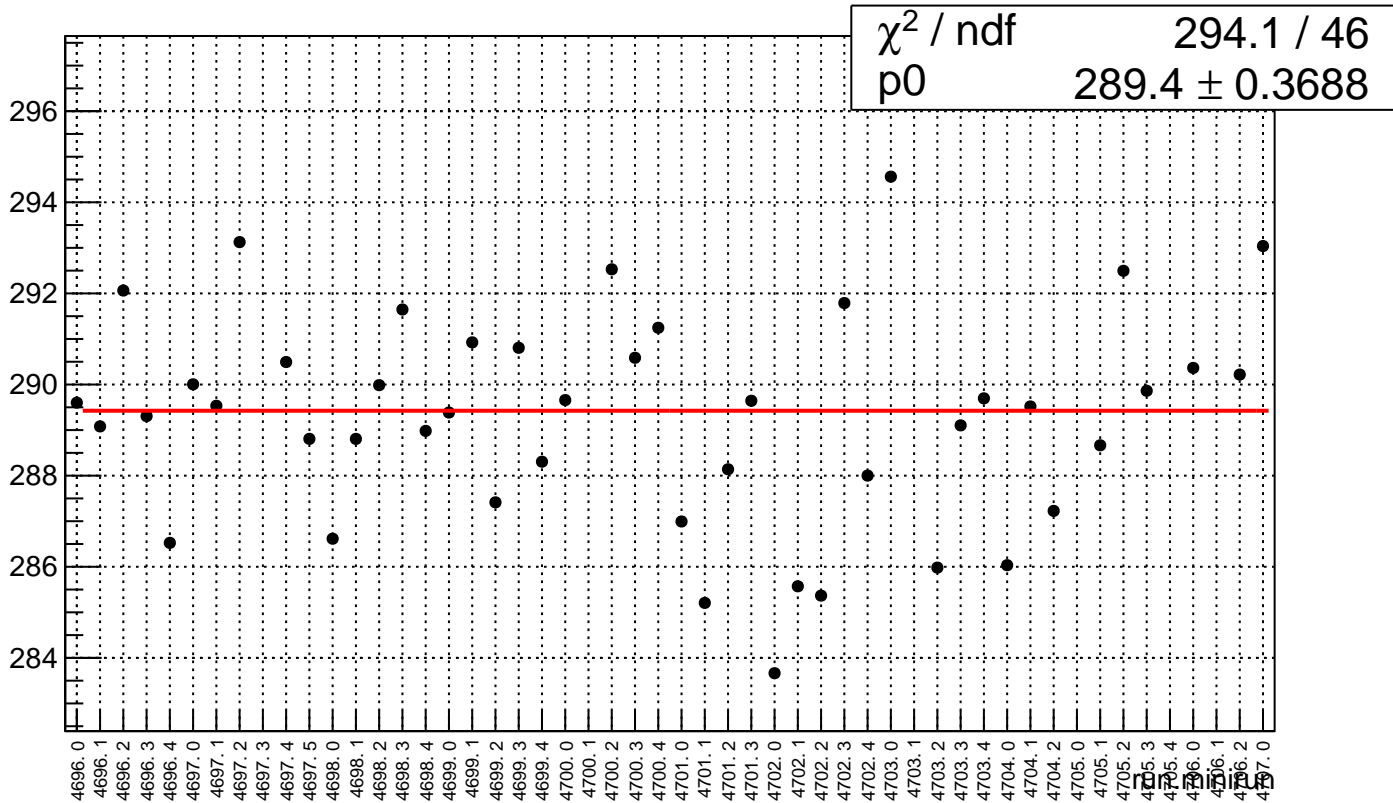
$\chi^2 / \text{ndf}$  41.27 / 46  
 p0  $1.307 \pm 0.4211$

reg\_asym\_atr\_avg\_mean/ppm



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

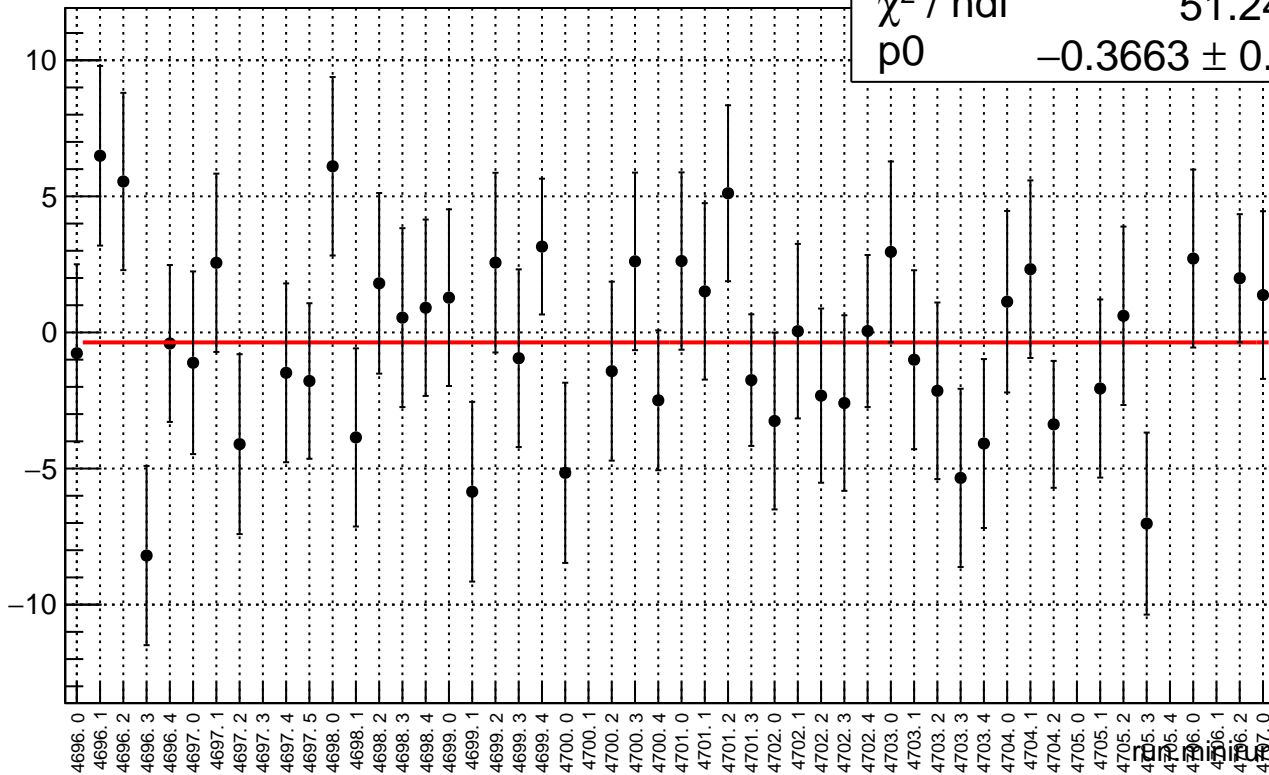
reg\_asym\_atr\_avg\_rms/ppm



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

reg\_asym\_atr\_dd\_mean/ppm

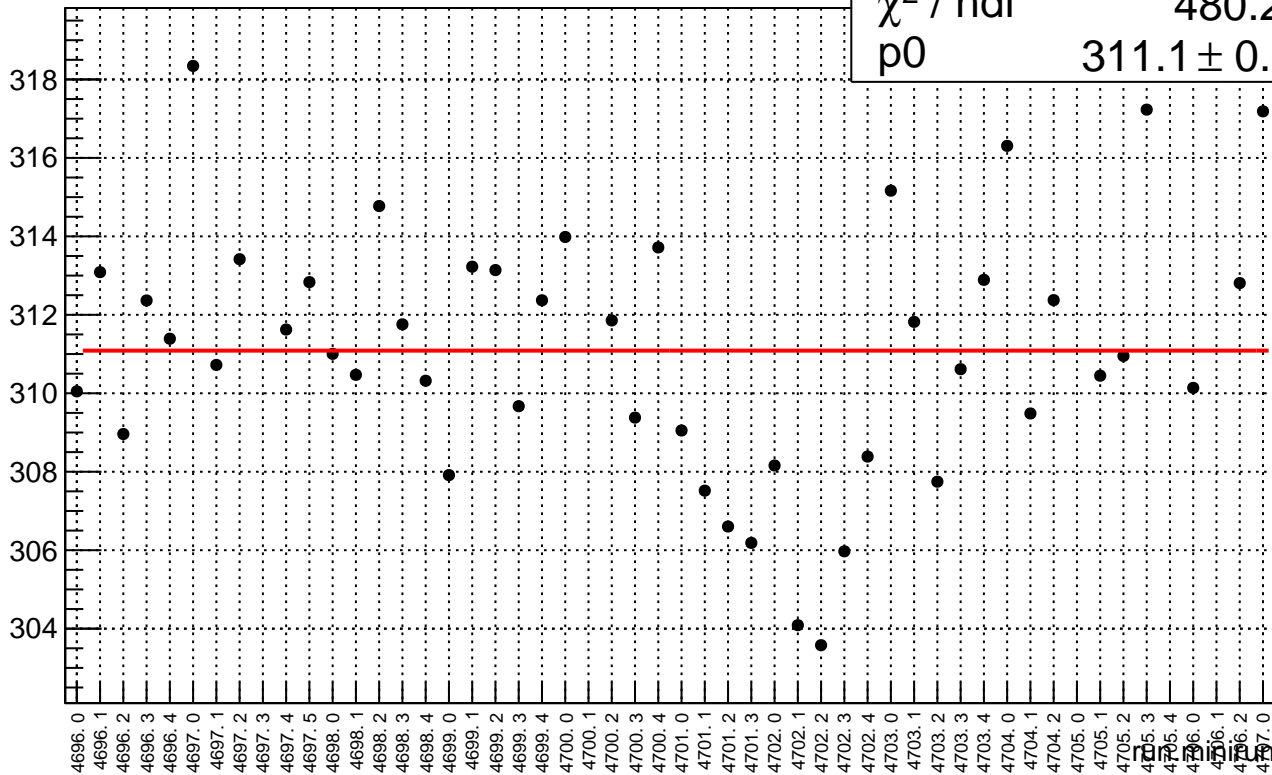
$\chi^2 / \text{ndf}$  51.24 / 46  
 $p_0$   $-0.3663 \pm 0.4528$



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

reg\_asym\_atr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  480.2 / 46  
 p0  $311.1 \pm 0.4713$

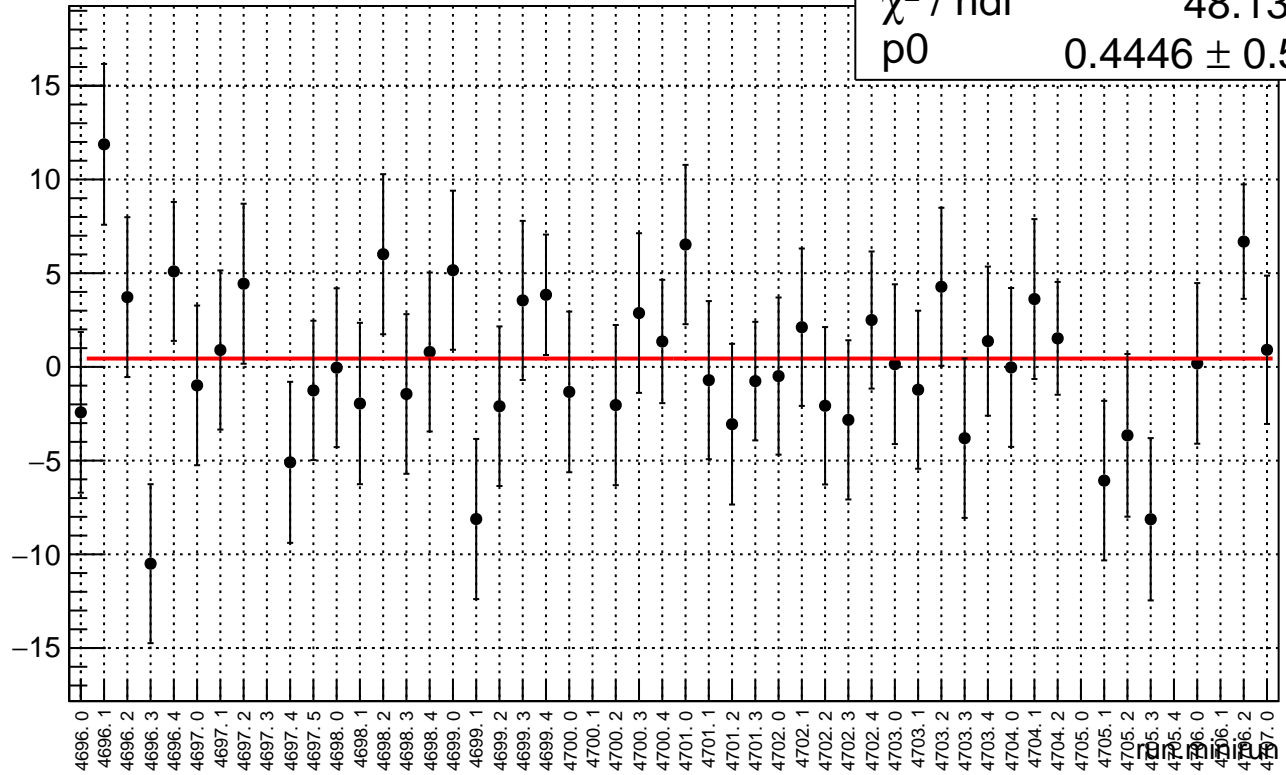




# reg\_asym\_at1\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  48.13 / 46  
 p0  $0.4446 \pm 0.5878$

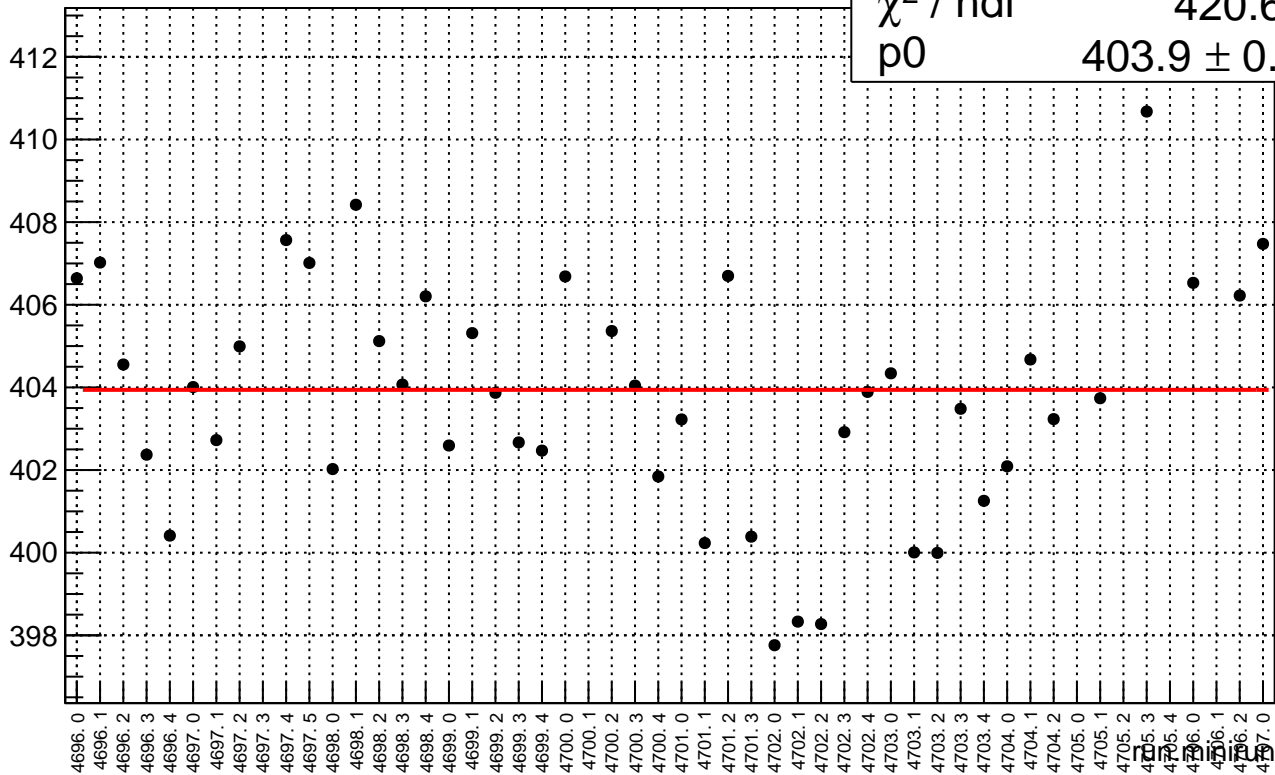
reg\_asym\_at1\_avg\_mean/ppm



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

reg\_asym\_at1\_avg\_rms/ppm

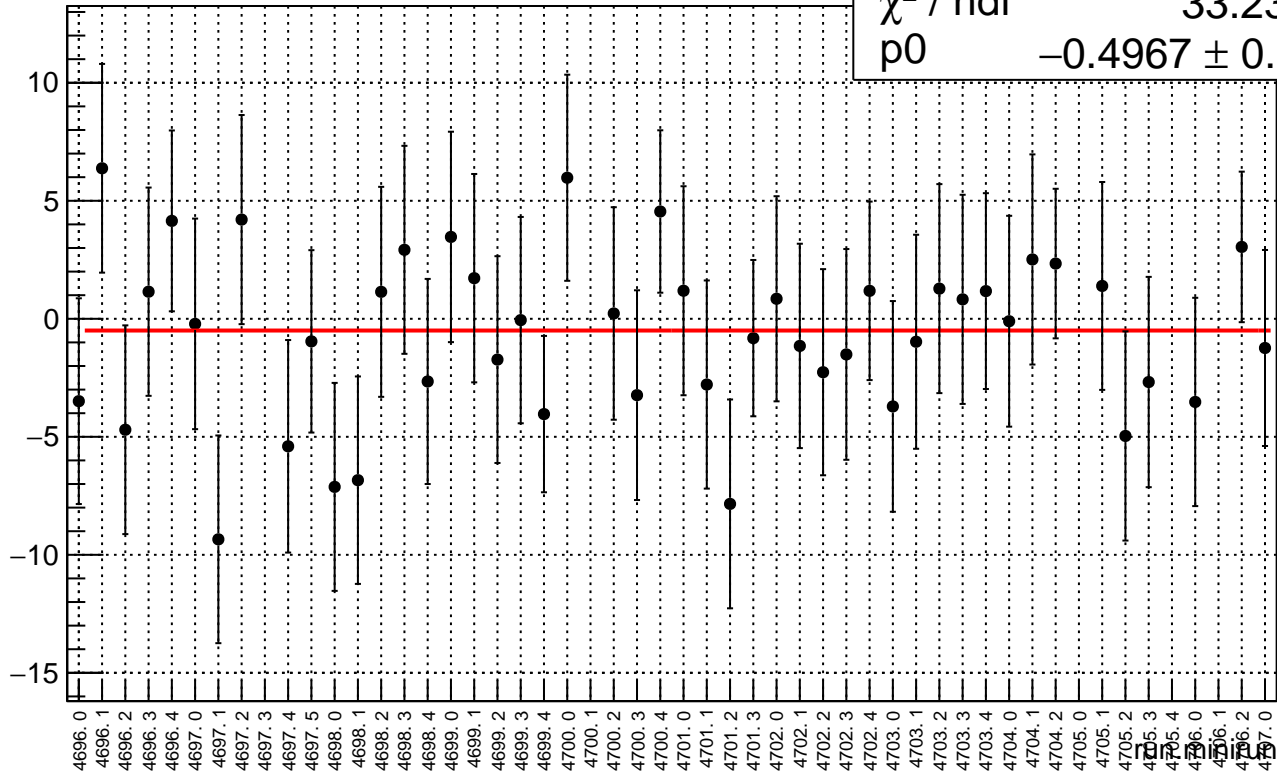
$\chi^2 / \text{ndf}$  420.6 / 46  
 p0 403.9 ± 0.4411



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

$\chi^2 / \text{ndf}$  33.23 / 46  
 p0  $-0.4967 \pm 0.6109$

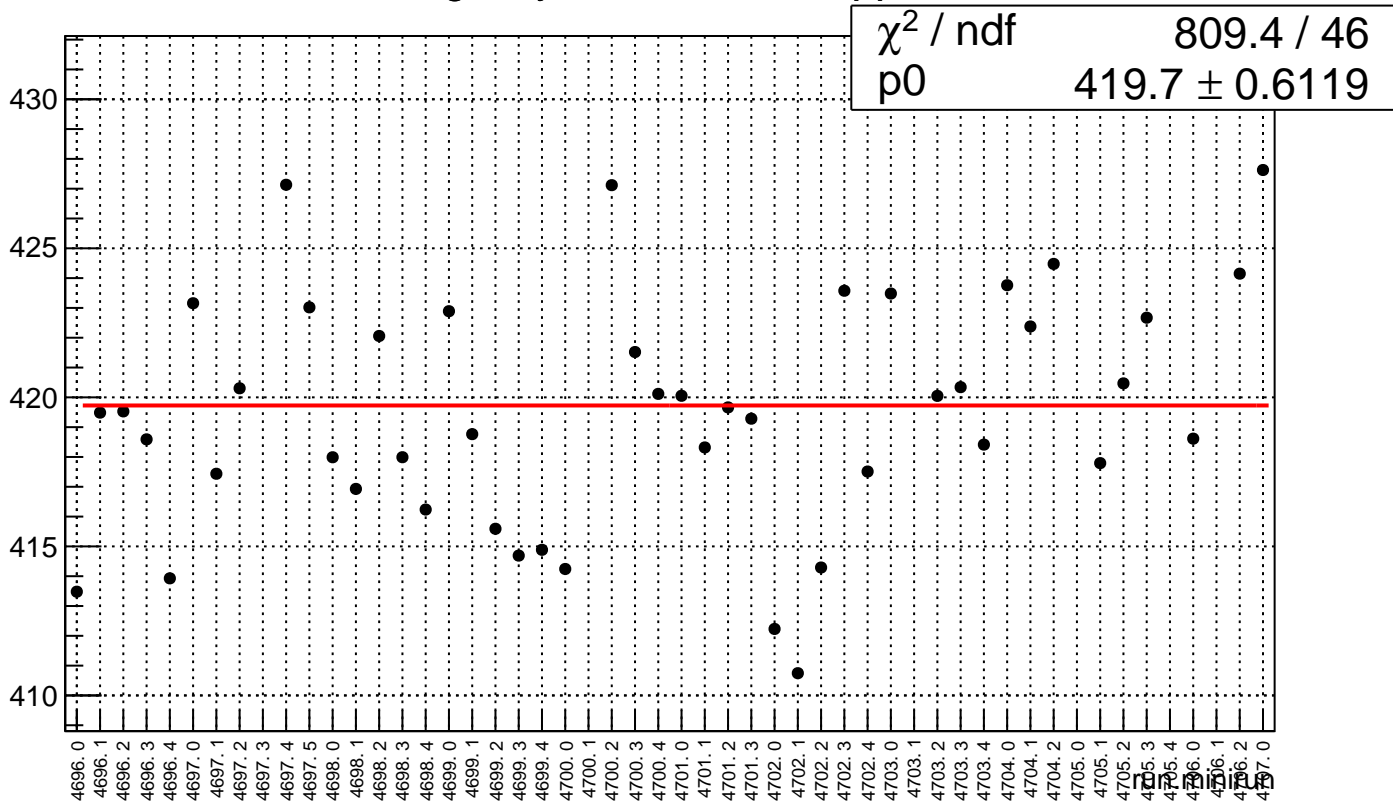
reg\_asym\_at1\_dd\_mean/ppm



reg\_asym\_at1\_dd\_mean/ppm

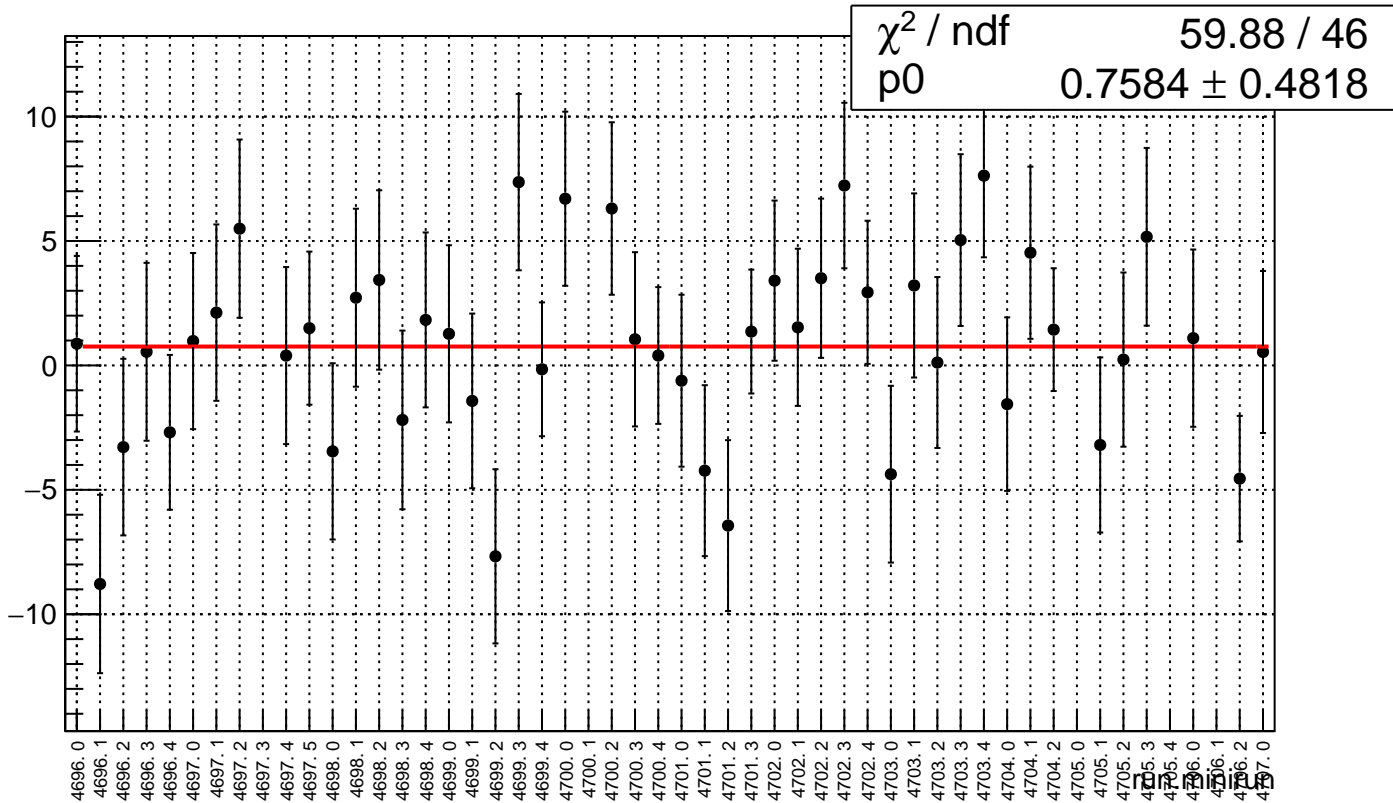
## reg\_asym\_at1\_dd\_rms/ppm

reg\_asym\_at1\_dd\_rms/ppm



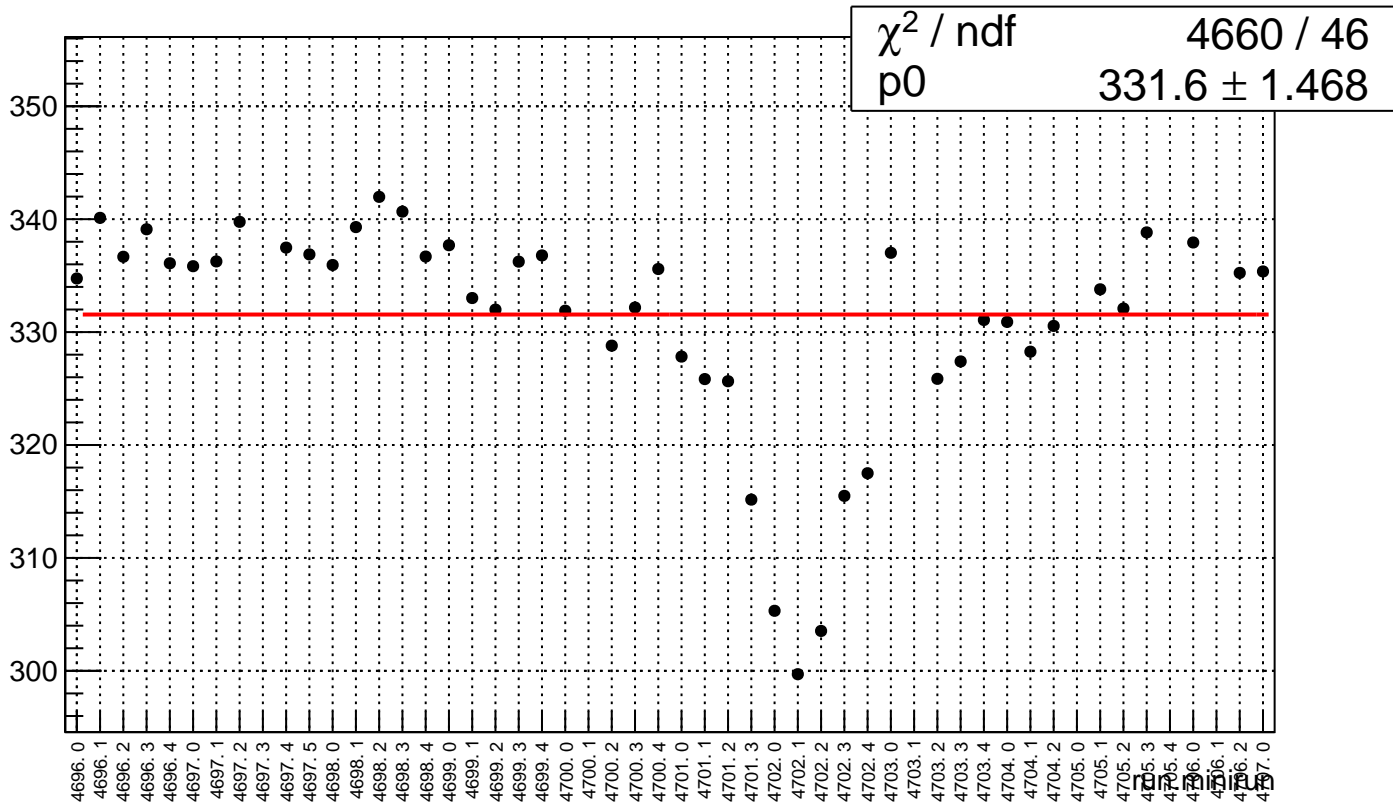
# reg\_asym\_at2\_avg\_mean/ppm

reg\_asym\_at2\_avg\_mean/ppm



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

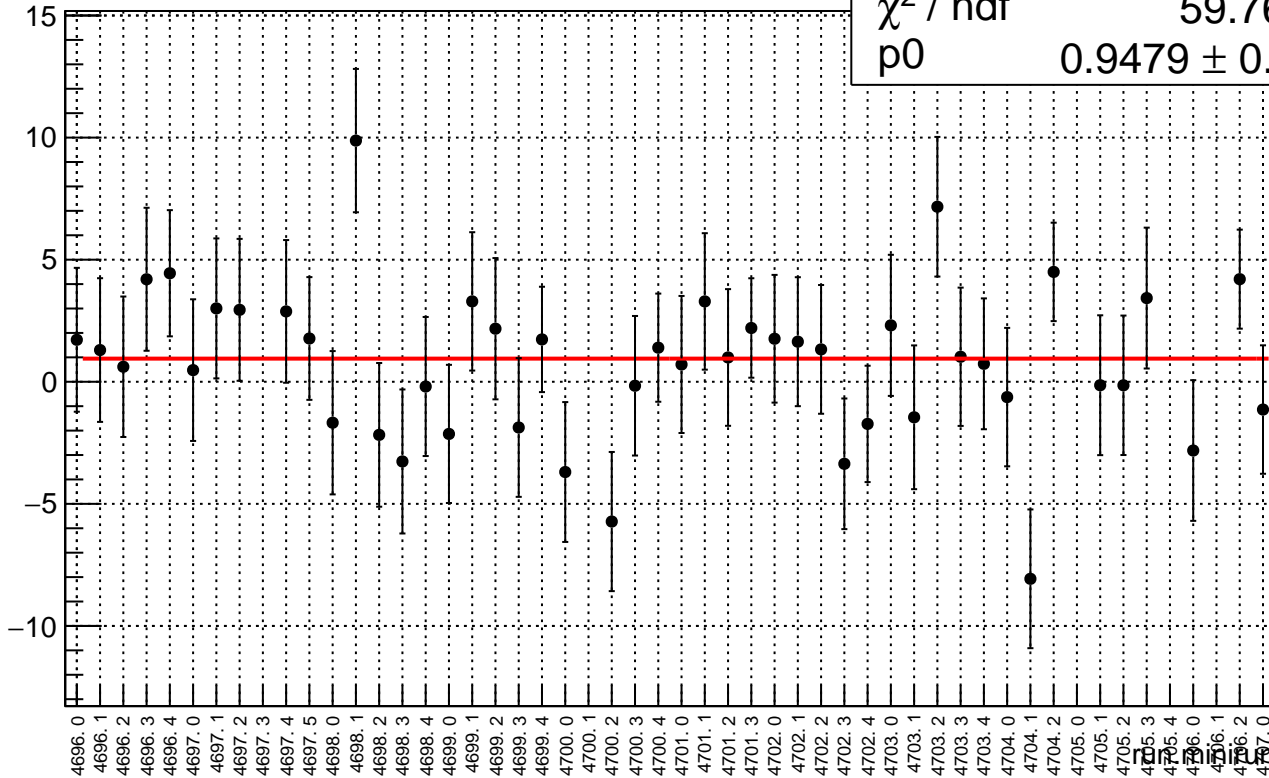
reg\_asym\_at2\_avg\_rms/ppm



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

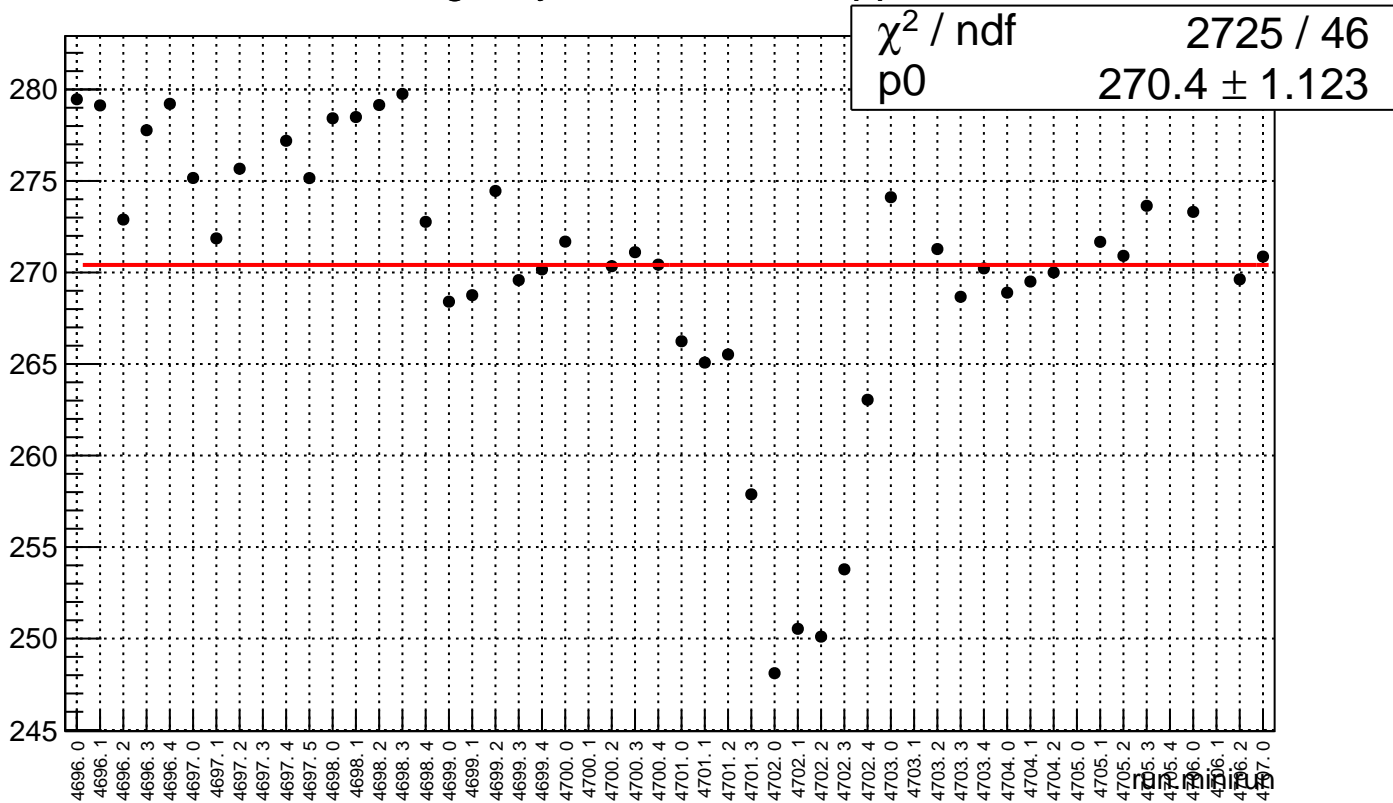
$\chi^2 / \text{ndf}$  59.76 / 46  
 p0  $0.9479 \pm 0.3928$

reg\_asym\_at2\_dd\_mean/ppm



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

reg\_asym\_at2\_dd\_rms/ppm

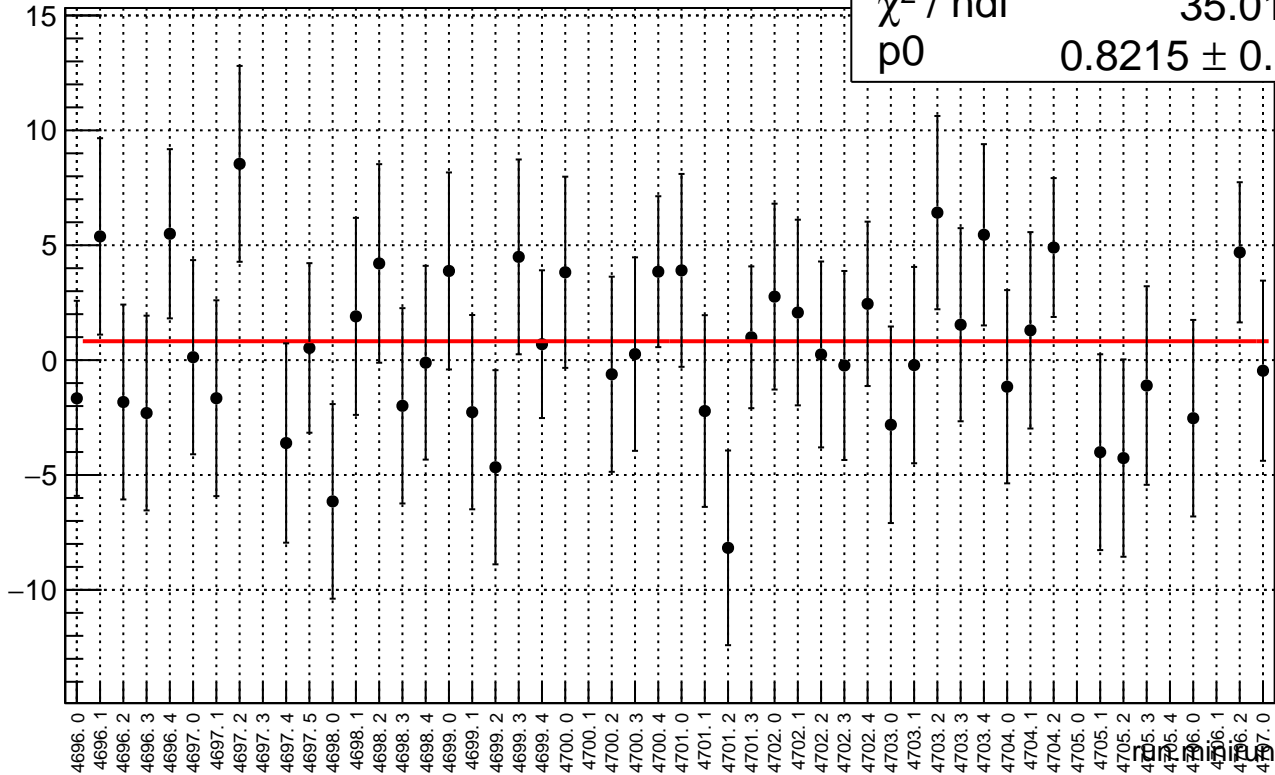




# reg\_asym\_atl1r2\_avg\_mean/ppm

reg\_asym\_atl1r2\_avg\_mean/ppm

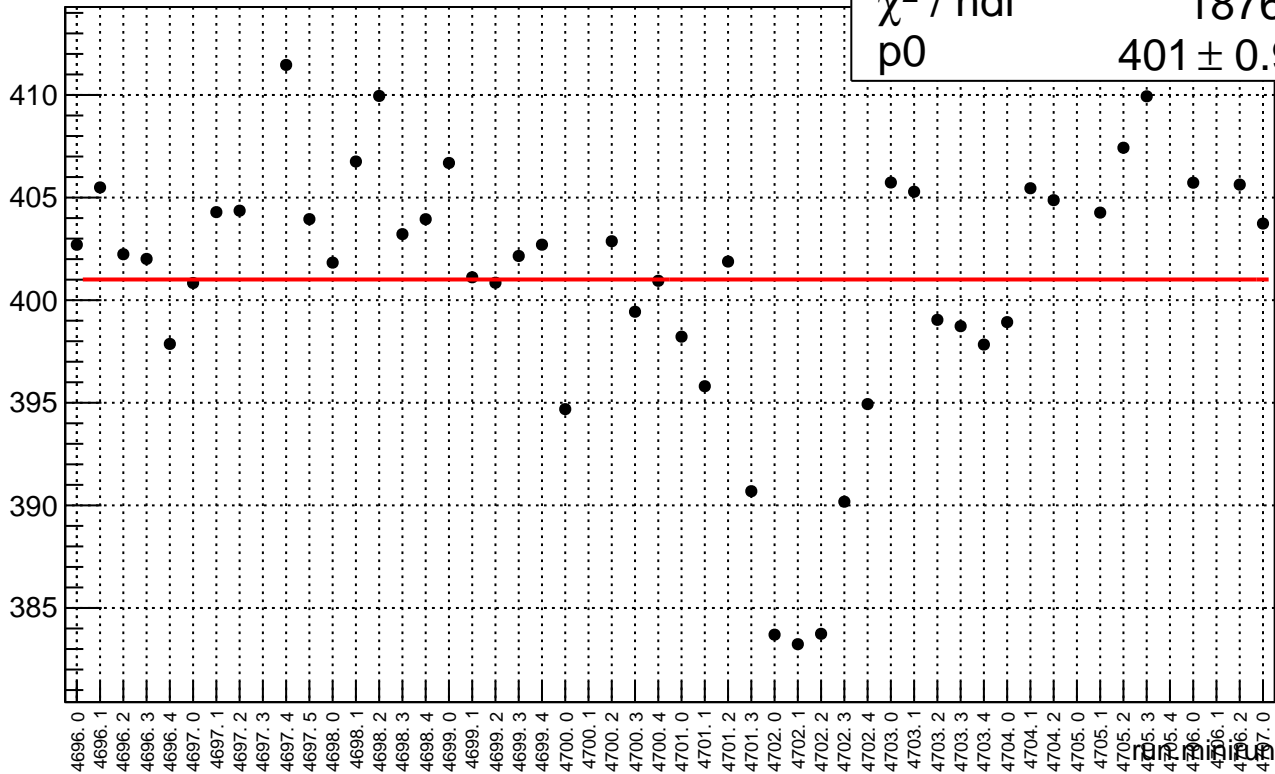
$\chi^2 / \text{ndf}$  35.01 / 46  
 p0  $0.8215 \pm 0.5834$



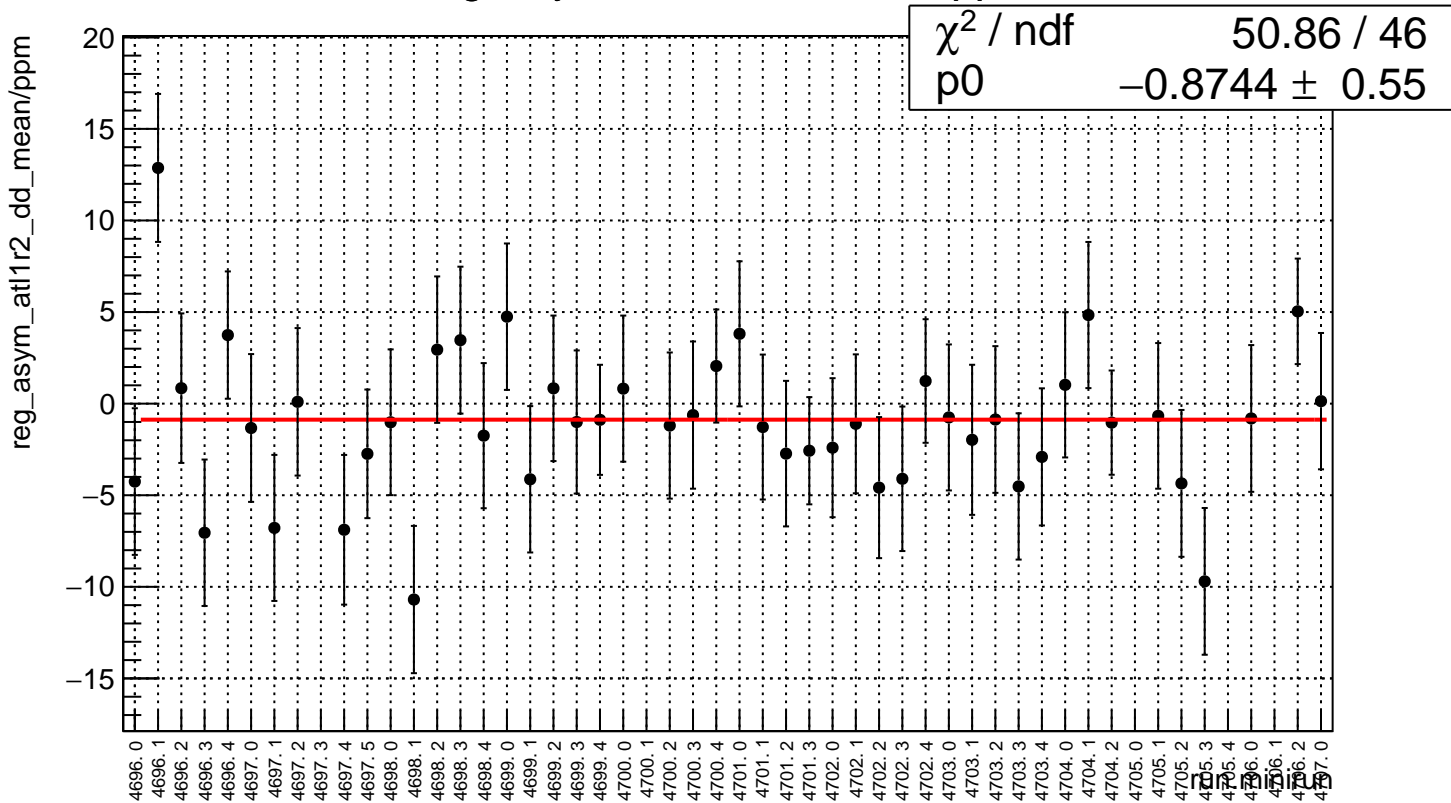
# reg\_asym\_atl1r2\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  1876 / 46  
 p0  $401 \pm 0.9316$

reg\_asym\_atl1r2\_avg\_rms/ppm



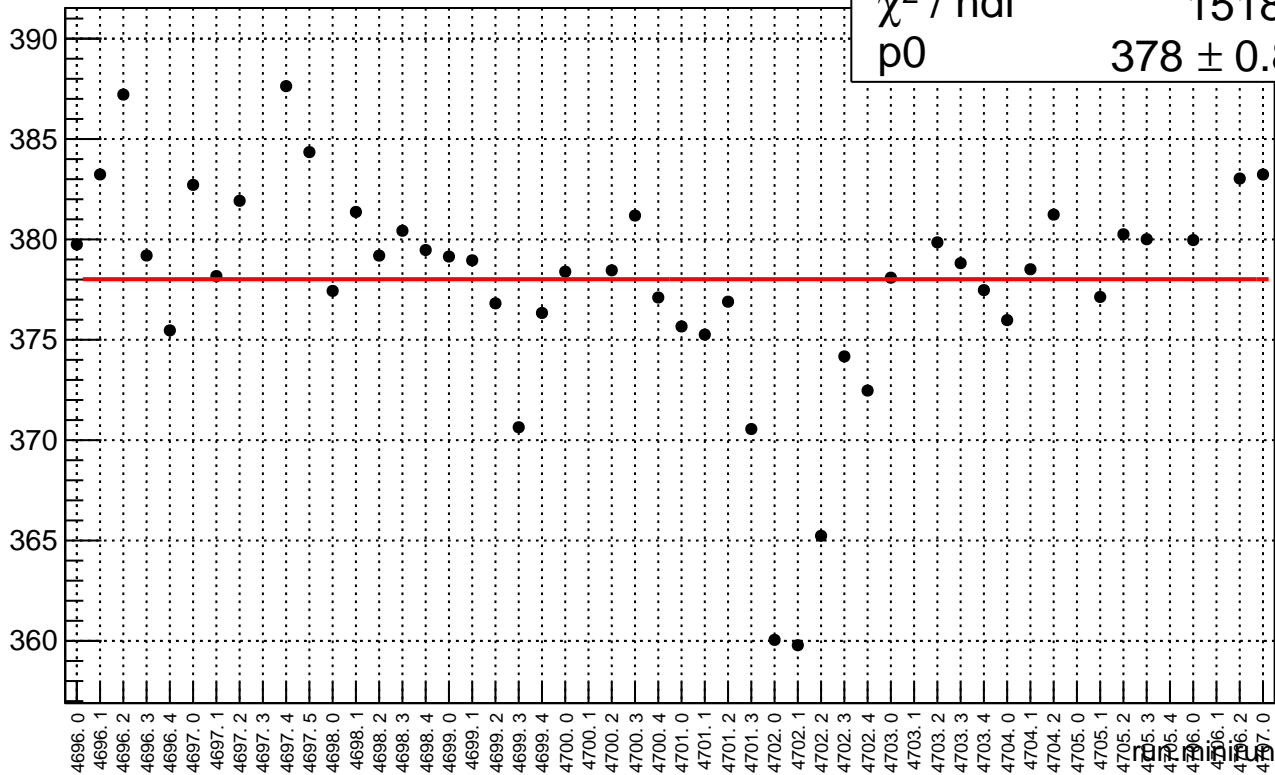
# reg\_asym\_atl1r2\_dd\_mean/ppm



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

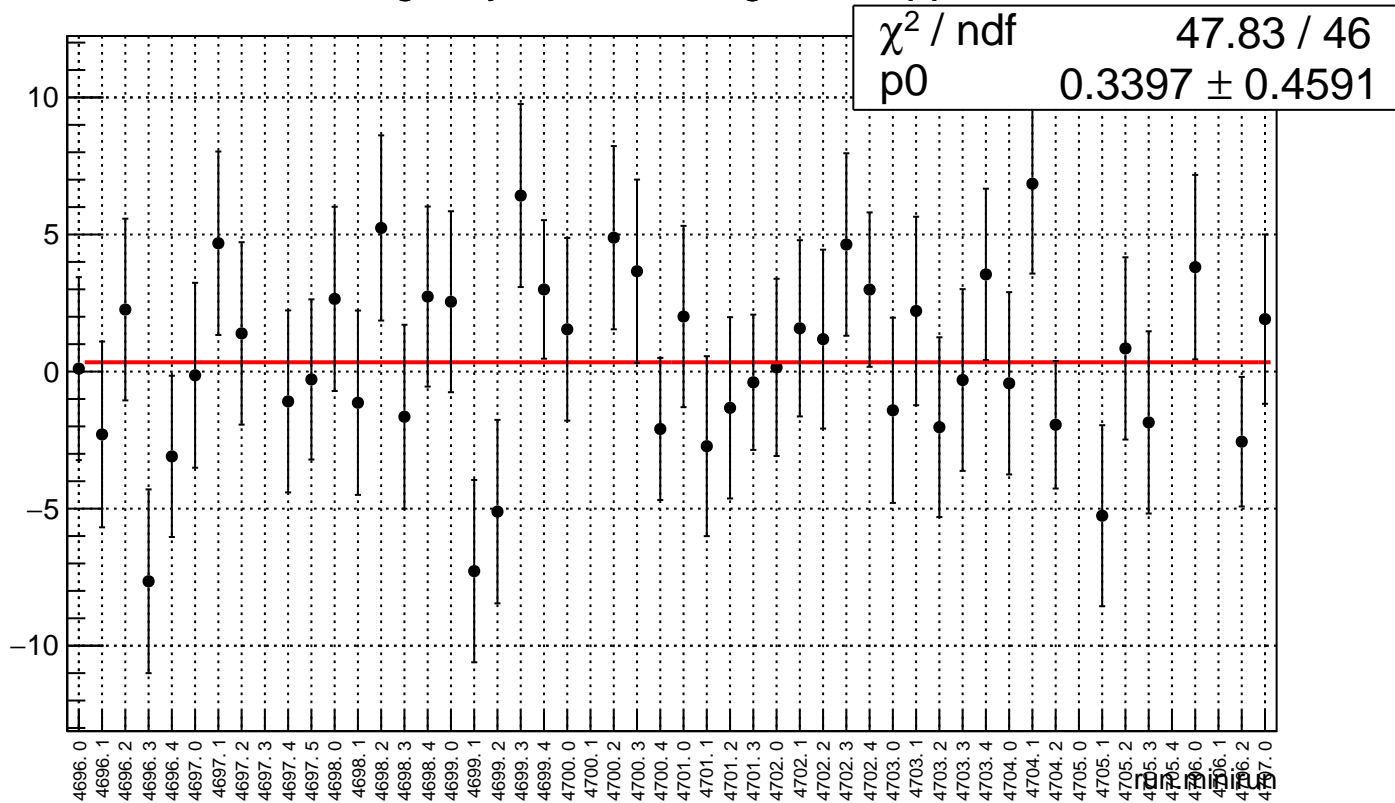
reg\_asym\_atl1r2\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  1518 / 46  
 p0  $378 \pm 0.8378$



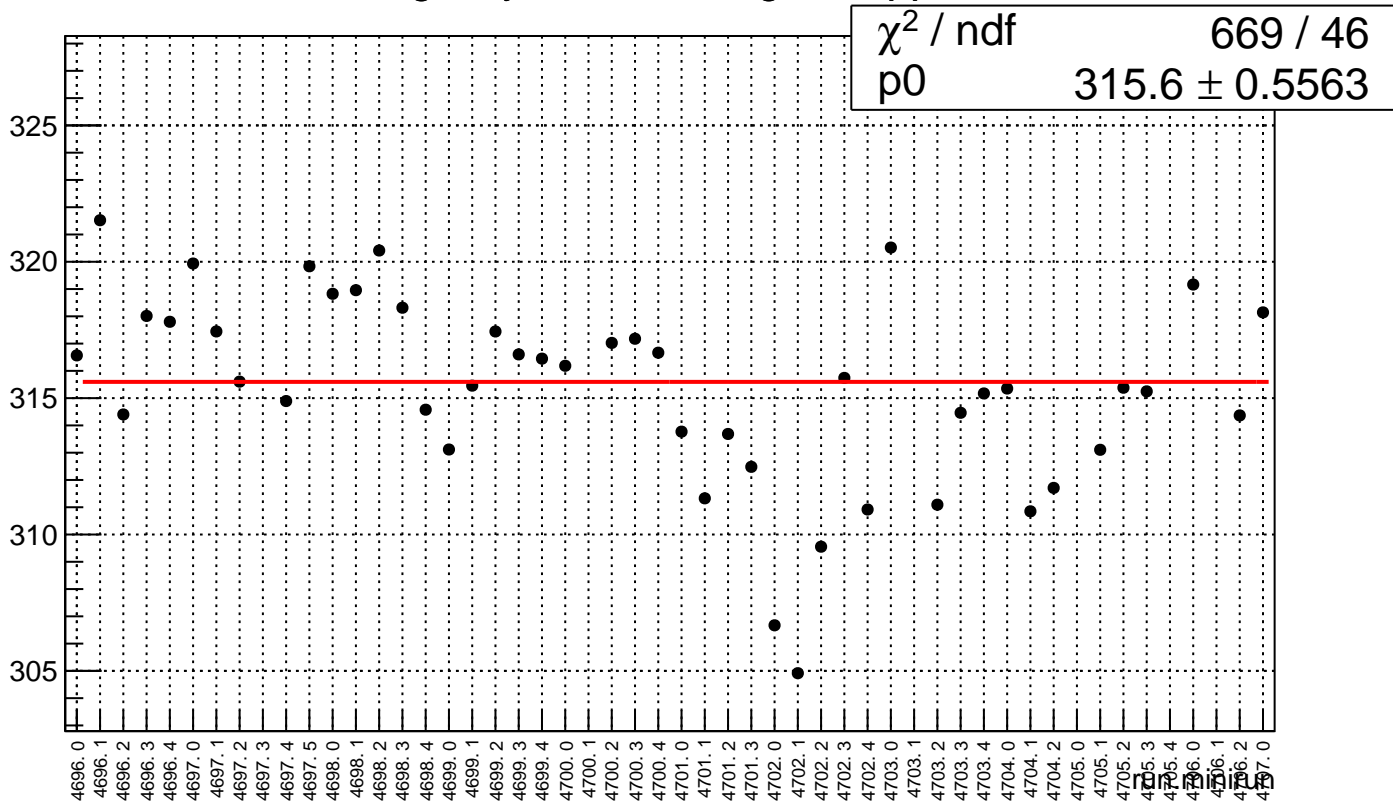
# reg\_asym\_atr1l2\_avg\_mean/ppm

reg\_asym\_atr1l2\_avg\_mean/ppm



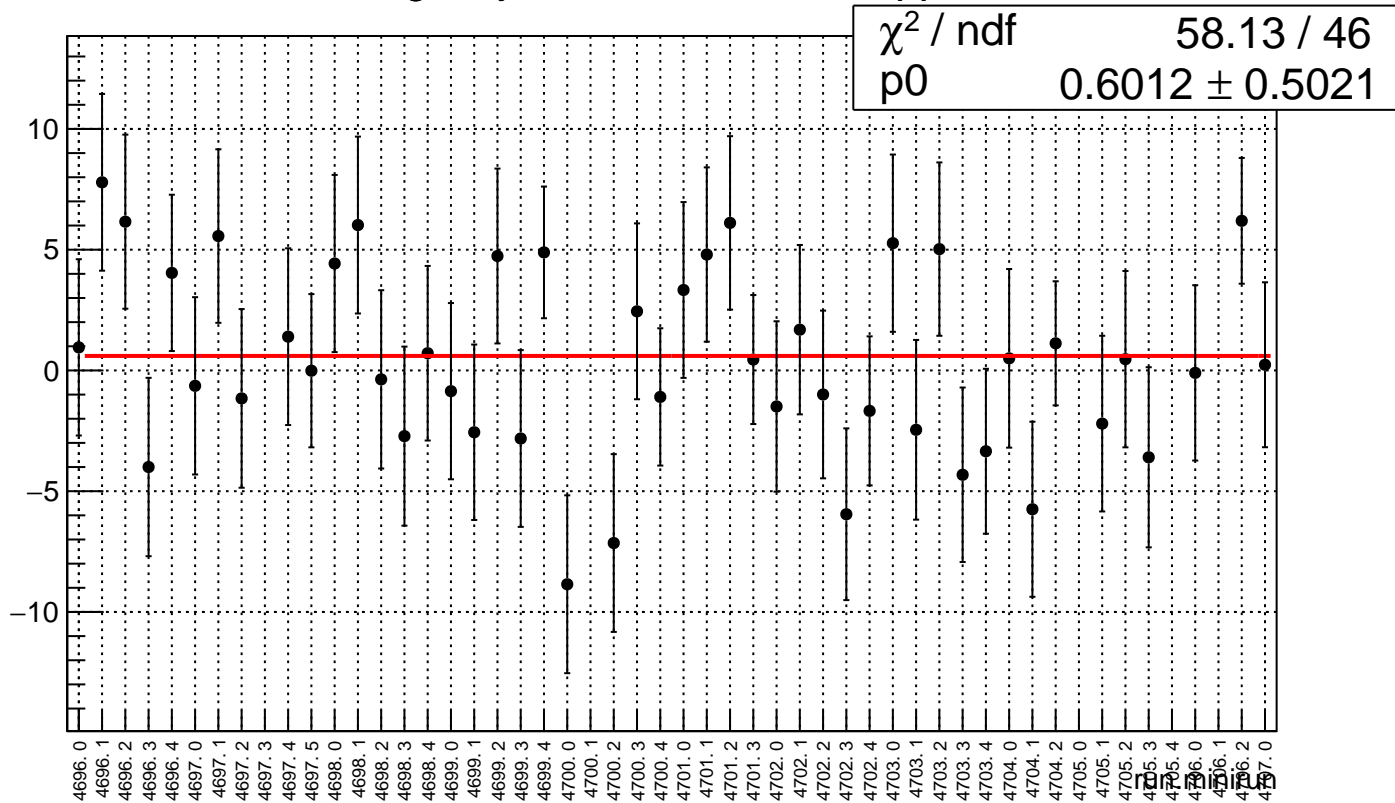
## reg\_asym\_atr1l2\_avg\_rms/ppm

reg\_asym\_atr1l2\_avg\_rms/ppm



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

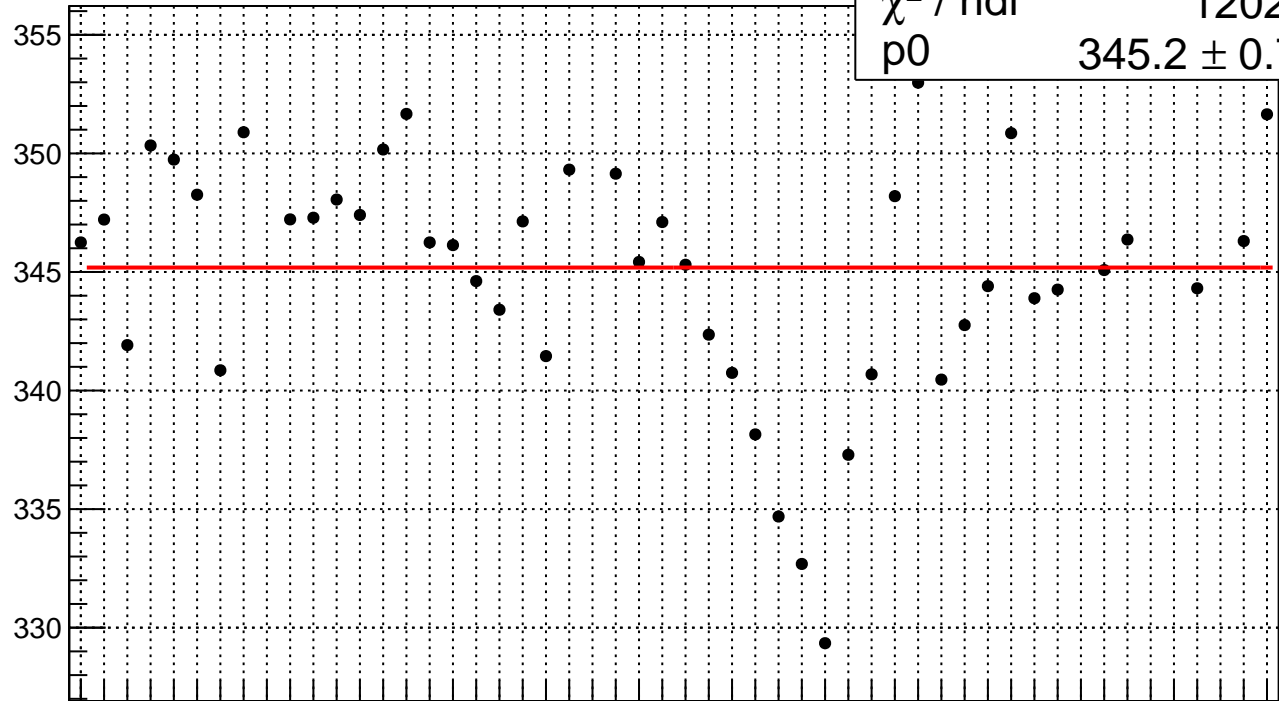
reg\_asym\_atr1l2\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  1202 / 46  
 p0  $345.2 \pm 0.7455$

reg\_asym\_atr1l2\_dd\_rms/ppm



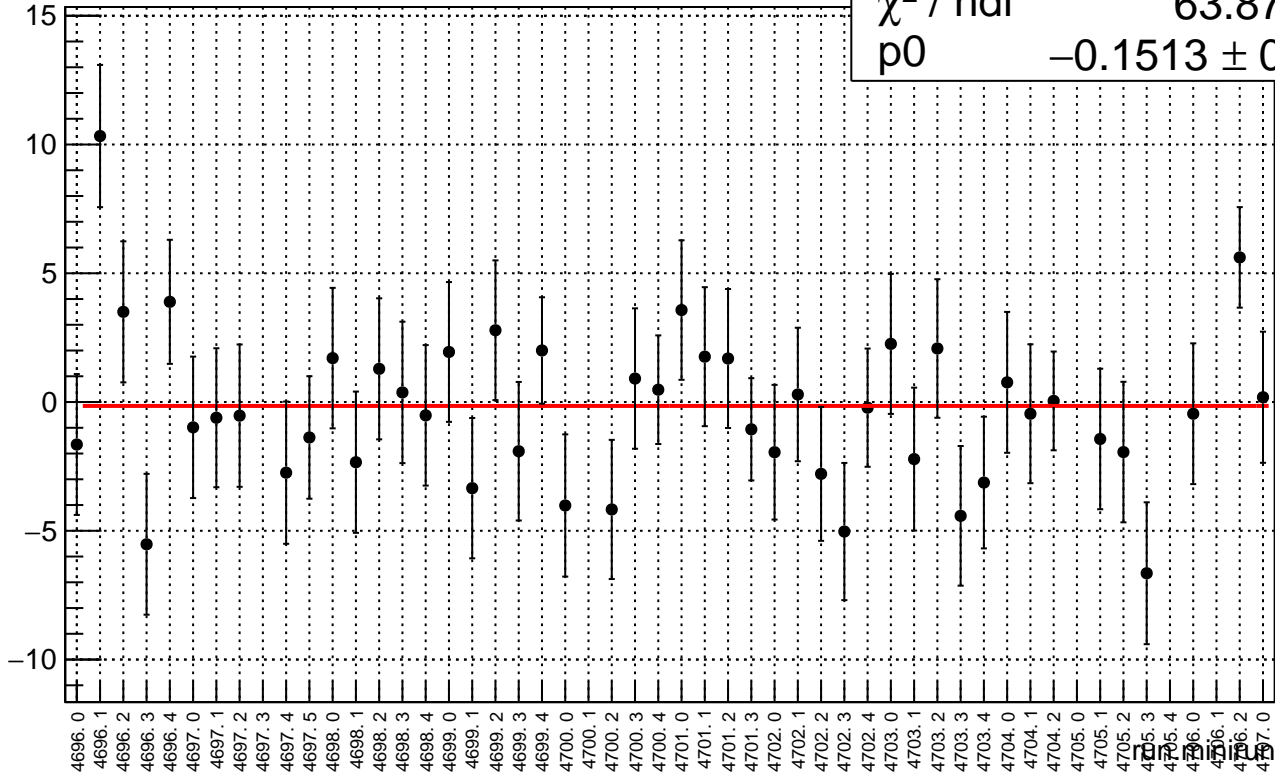
4696.0  
 4696.1  
 4696.2  
 4696.3  
 4696.4  
 4697.0  
 4697.1  
 4697.2  
 4697.3  
 4697.4  
 4697.5  
 4698.0  
 4698.1  
 4698.2  
 4698.3  
 4698.4  
 4699.0  
 4699.1  
 4699.2  
 4699.3  
 4699.4  
 4700.0  
 4700.1  
 4700.2  
 4700.3  
 4700.4  
 4701.0  
 4701.1  
 4701.2  
 4701.3  
 4702.0  
 4702.1  
 4702.2  
 4702.3  
 4702.4  
 4703.0  
 4703.1  
 4703.2  
 4703.3  
 4703.4  
 4704.0  
 4704.1  
 4704.2  
 4705.0  
 4705.1  
 4705.2  
 4705.3  
 4705.4  
 4706.0  
 4706.1  
 4706.2  
 4707.0



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

$\chi^2 / \text{ndf}$  63.87 / 46  
 p0  $-0.1513 \pm 0.375$

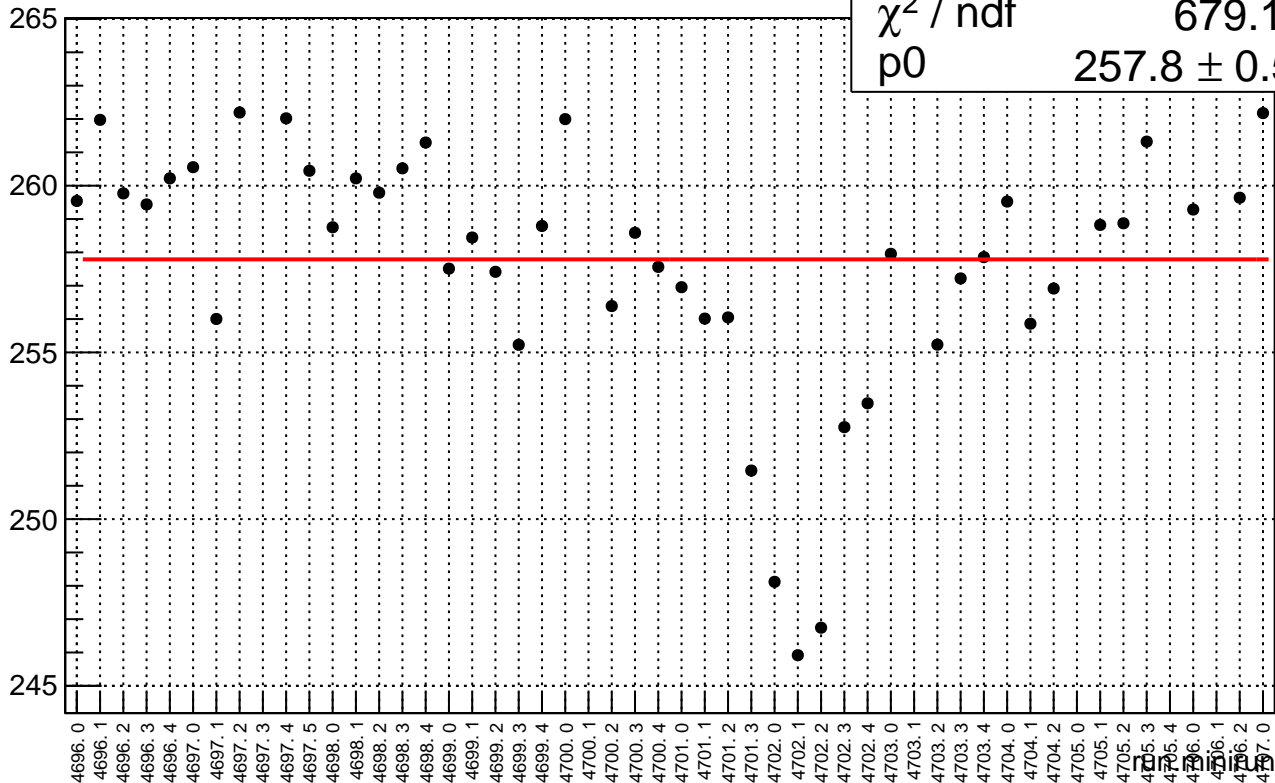
reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm



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

$\chi^2 / \text{ndf}$  679.1 / 46  
p0 257.8  $\pm$  0.5605

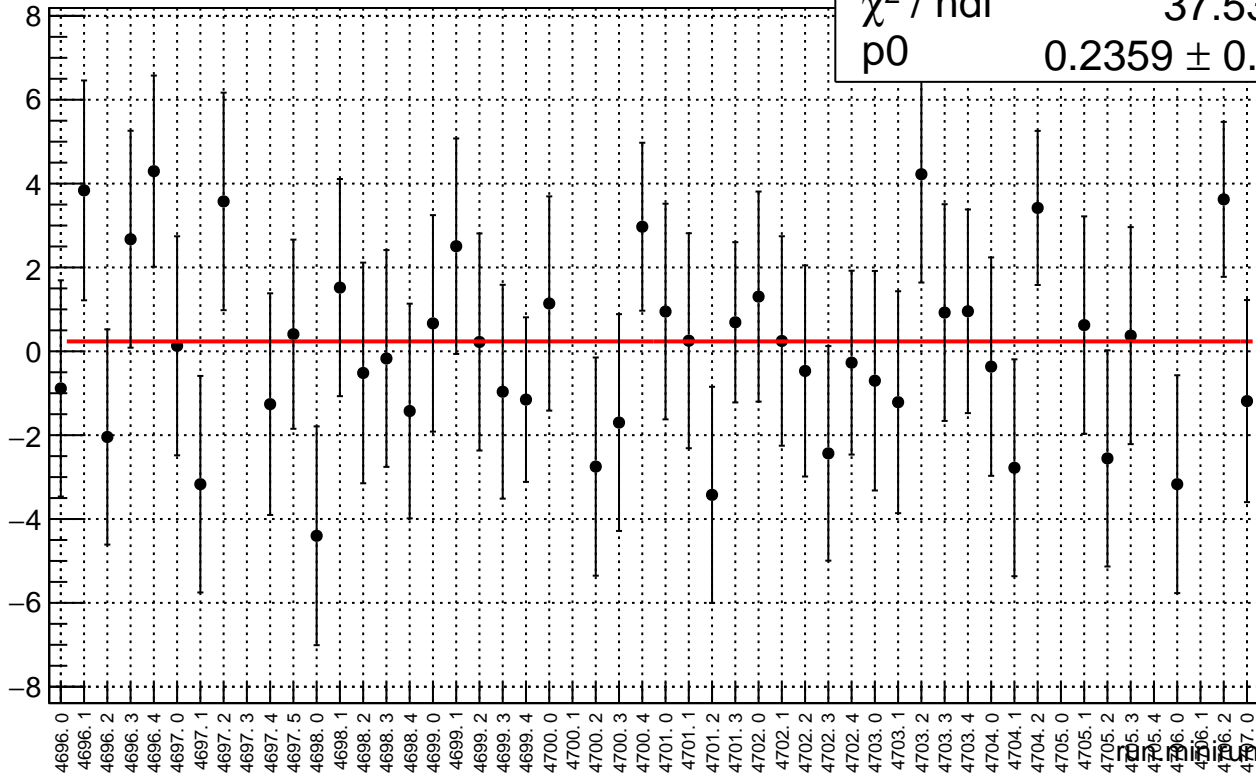
reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms/ppm



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

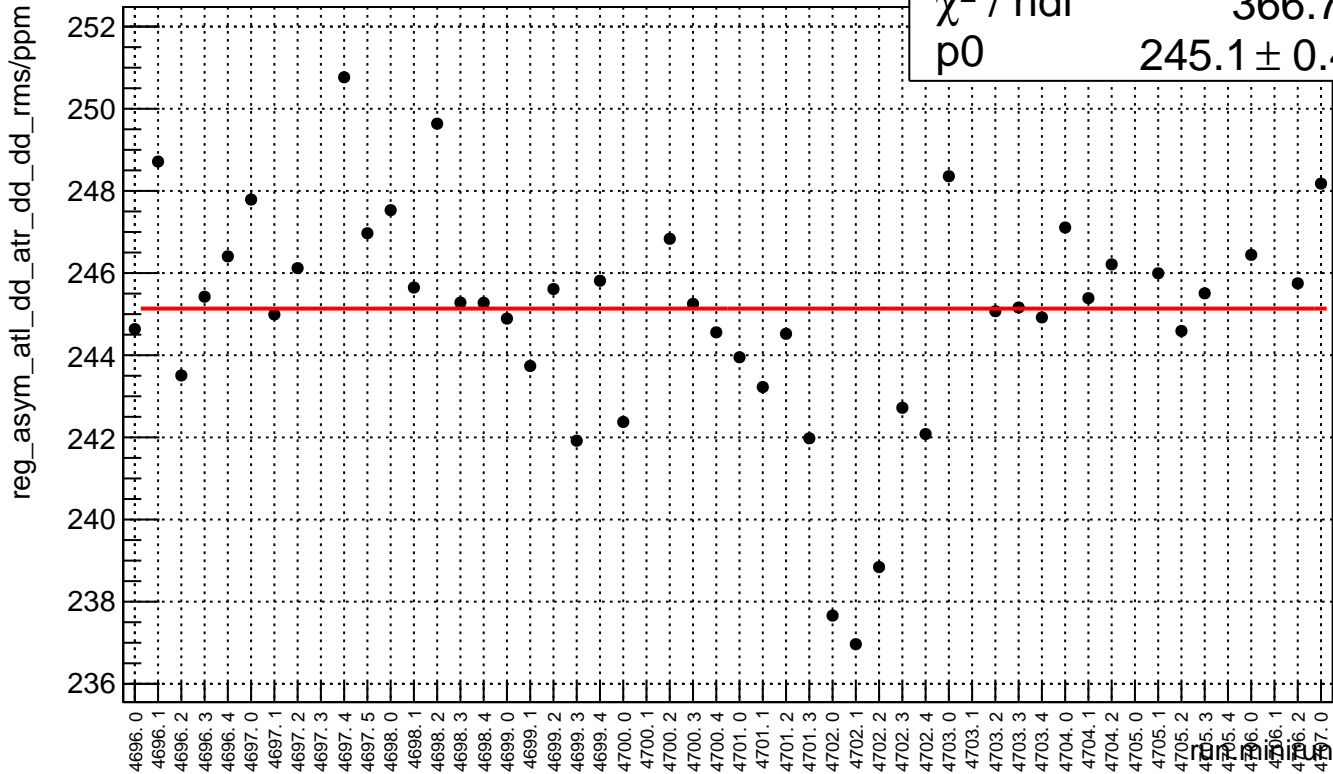
reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  37.53 / 46  
 p0  $0.2359 \pm 0.3567$



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

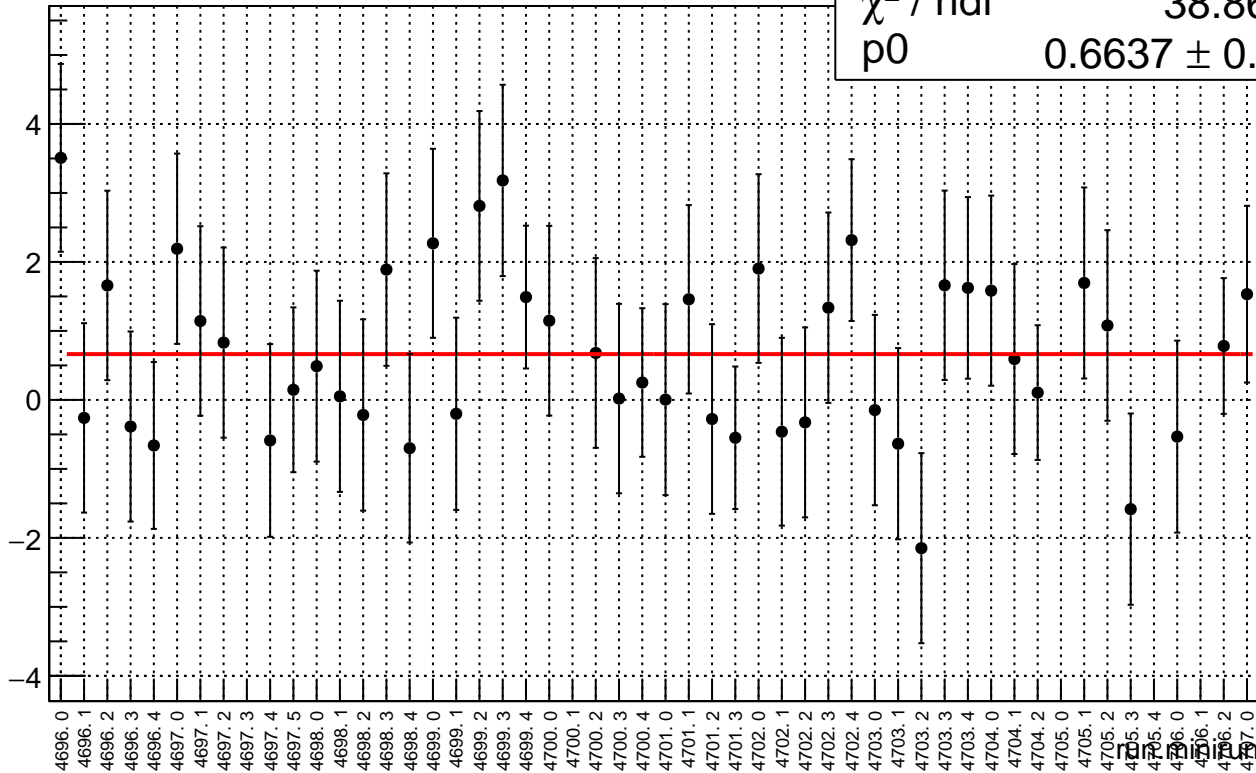
$\chi^2 / \text{ndf}$  366.7 / 46  
 p0  $245.1 \pm 0.4119$



# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

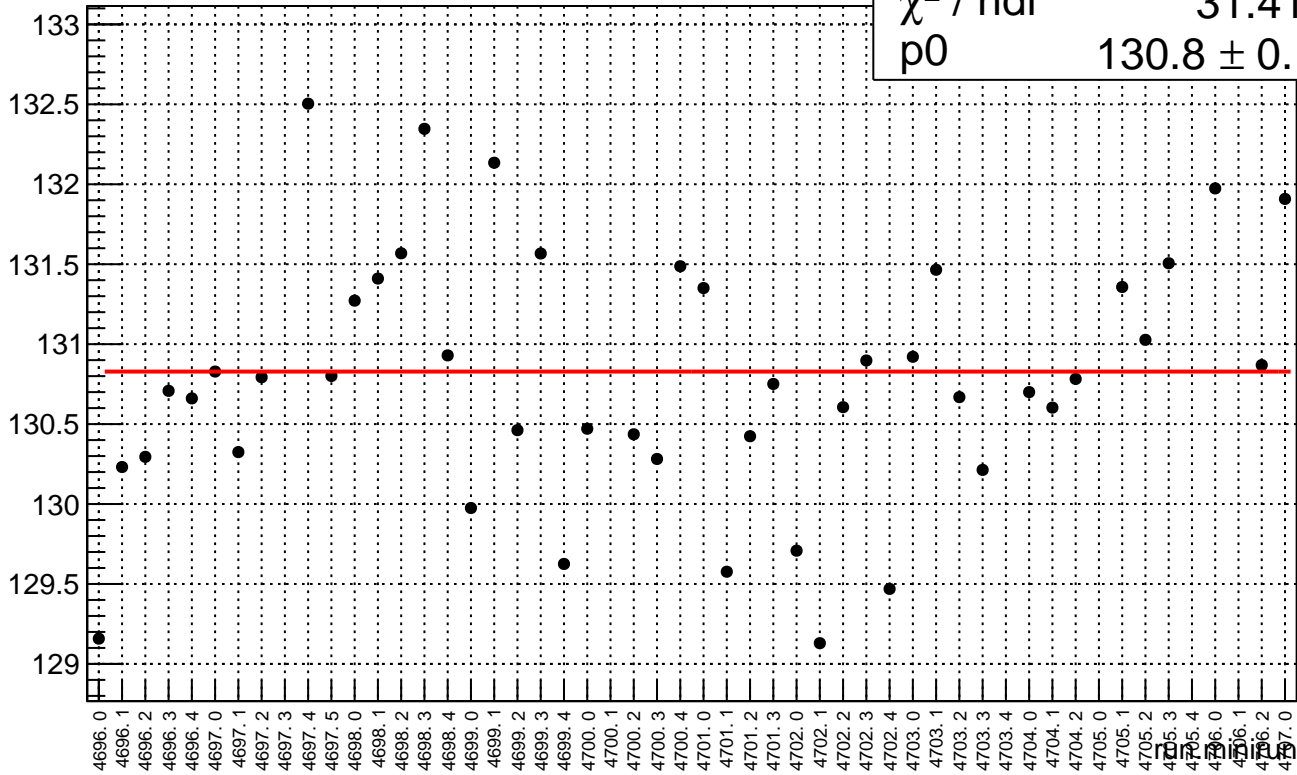
$\chi^2 / \text{ndf}$  38.86 / 46  
 p0  $0.6637 \pm 0.1904$



# reg\_asym\_usl\_rms/ppm

$\chi^2 / \text{ndf}$  31.41 / 46  
 p0 130.8  $\pm$  0.1205

reg\_asym\_usl\_rms/ppm

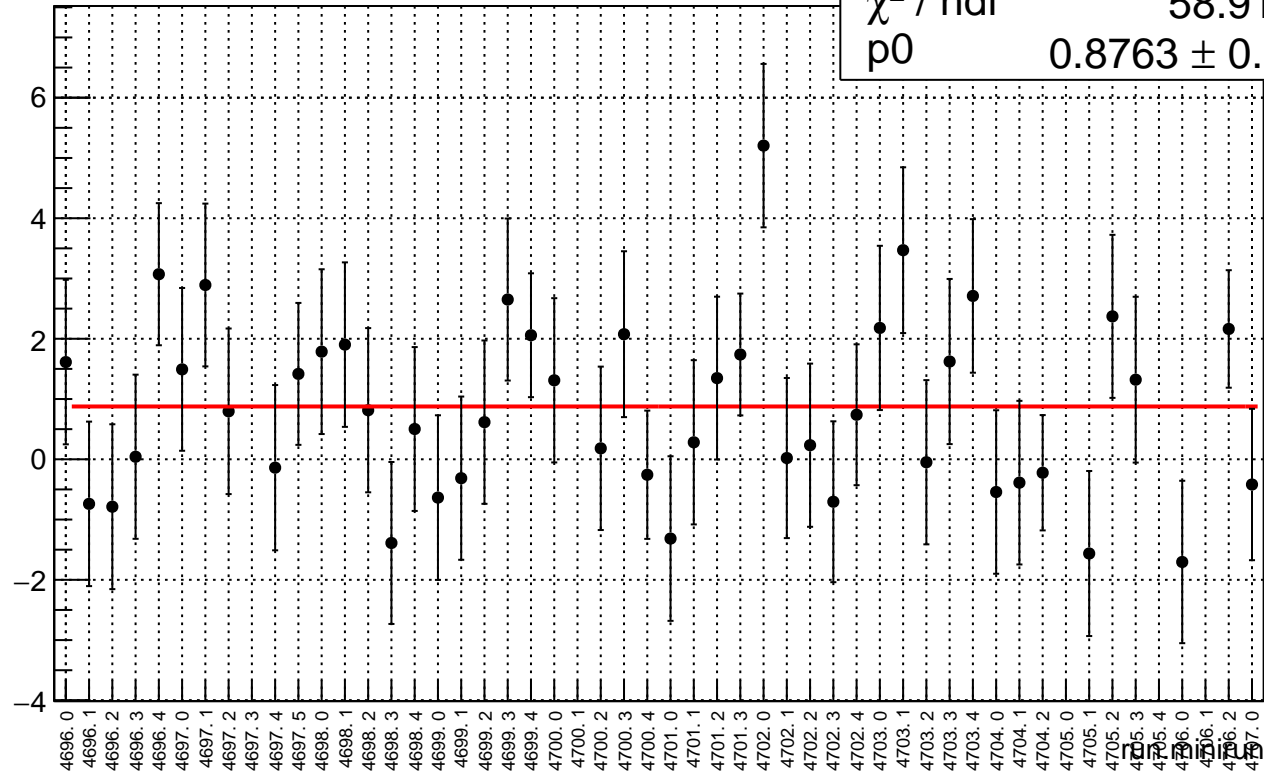


reg\_asym\_usl\_rms/ppm

# reg\_asym\_usr\_mean/ppm

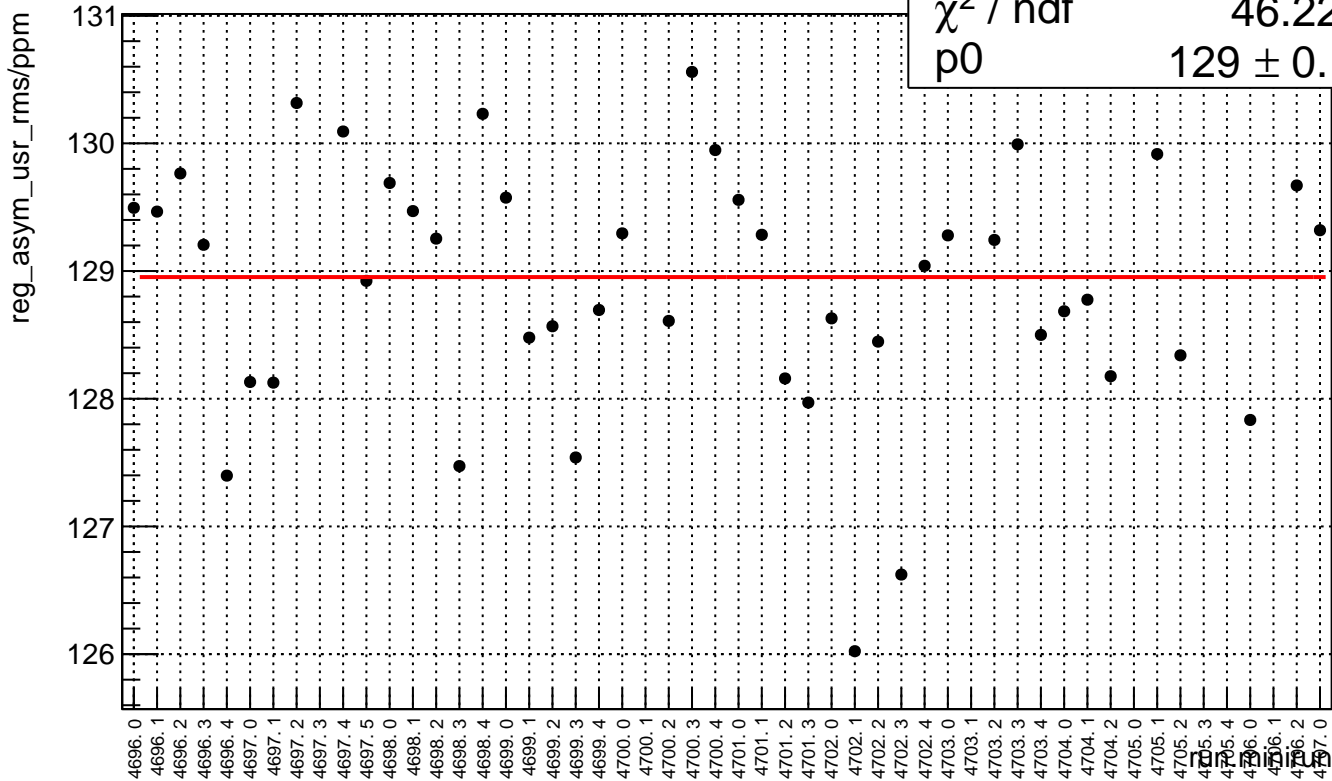
reg\_asym\_usr\_mean/ppm

$\chi^2 / \text{ndf}$  58.91 / 46  
 p0 0.8763 ± 0.1876



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  46.22 / 46  
p0  $129 \pm 0.1462$

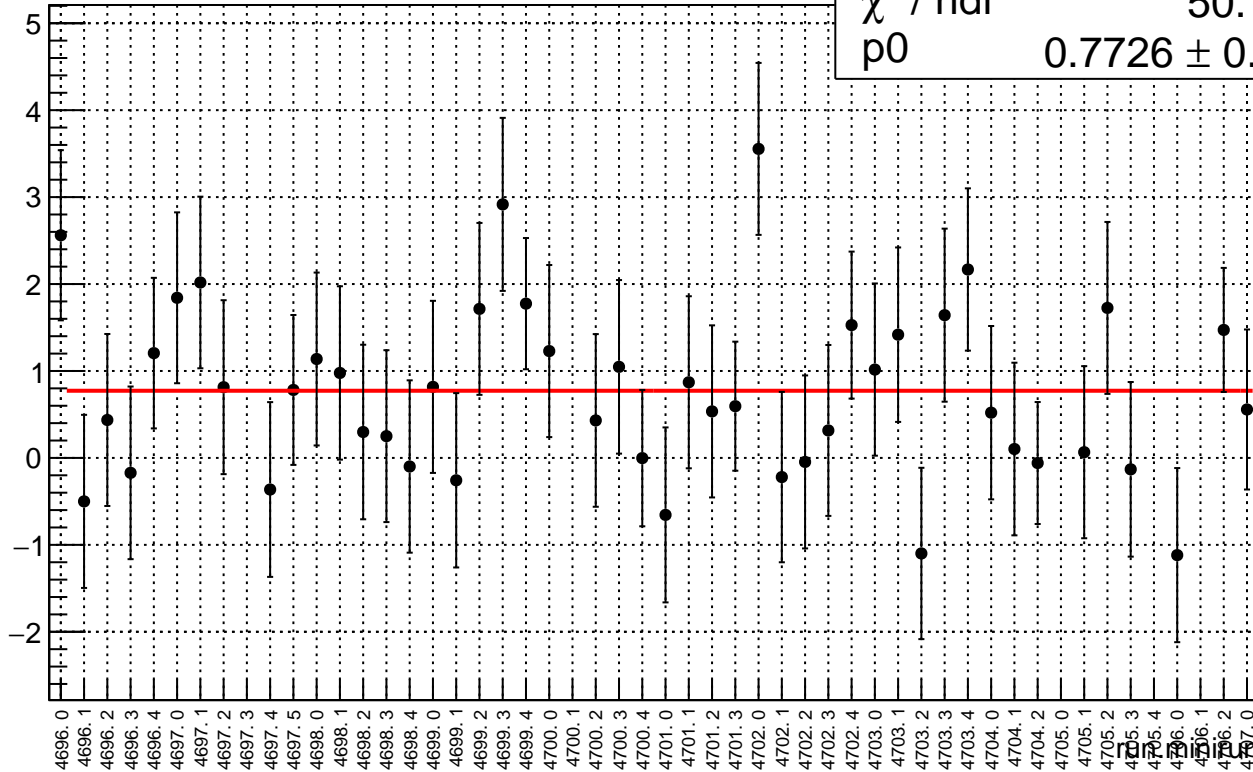




# reg\_asym\_us\_avg\_mean/ppm

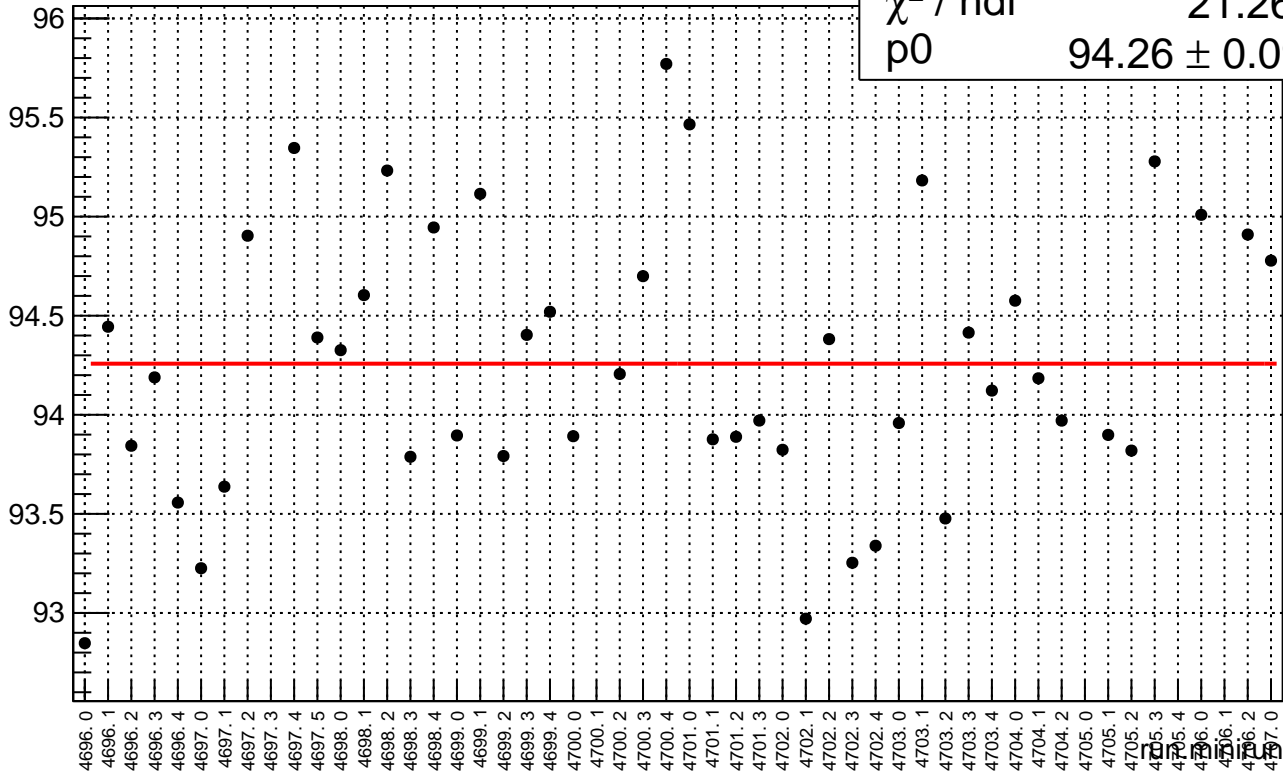
reg\_asym\_us\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  50.1 / 46  
 p0  $0.7726 \pm 0.1372$



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

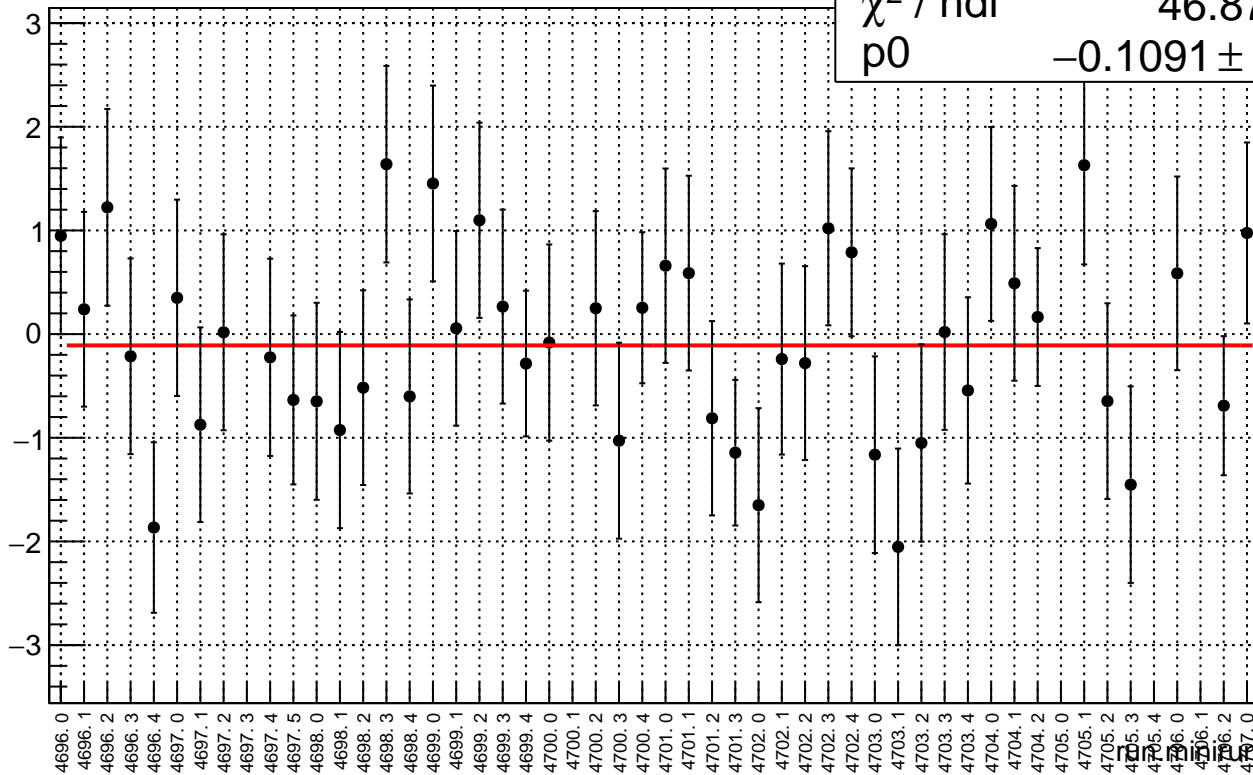
reg\_asym\_us\_avg\_rms/ppm



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

reg\_asym\_us\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  46.87 / 46  
 p0  $-0.1091 \pm 0.13$



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

reg\_asym\_us\_dd\_rms/ppm

