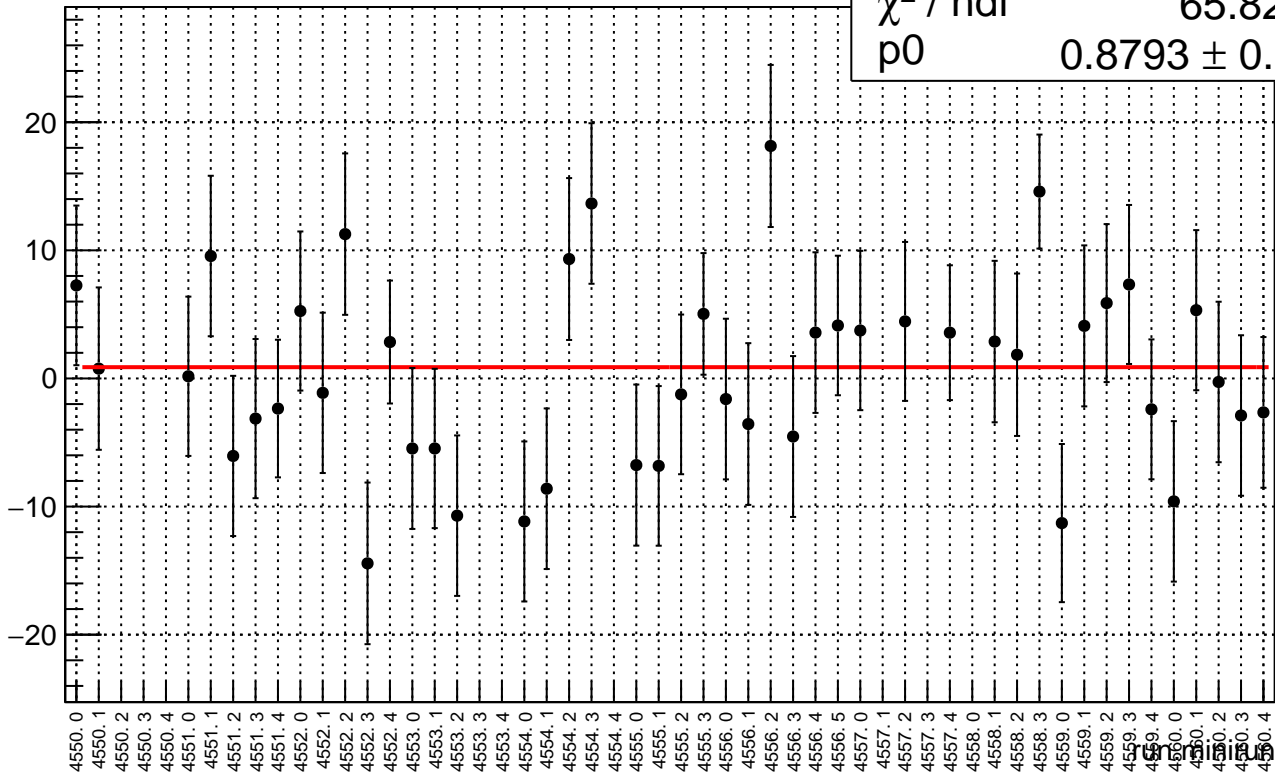


# reg\_asym\_atl1\_mean/ppm

$\chi^2 / \text{ndf}$  65.82 / 44  
 p0  $0.8793 \pm 0.8944$

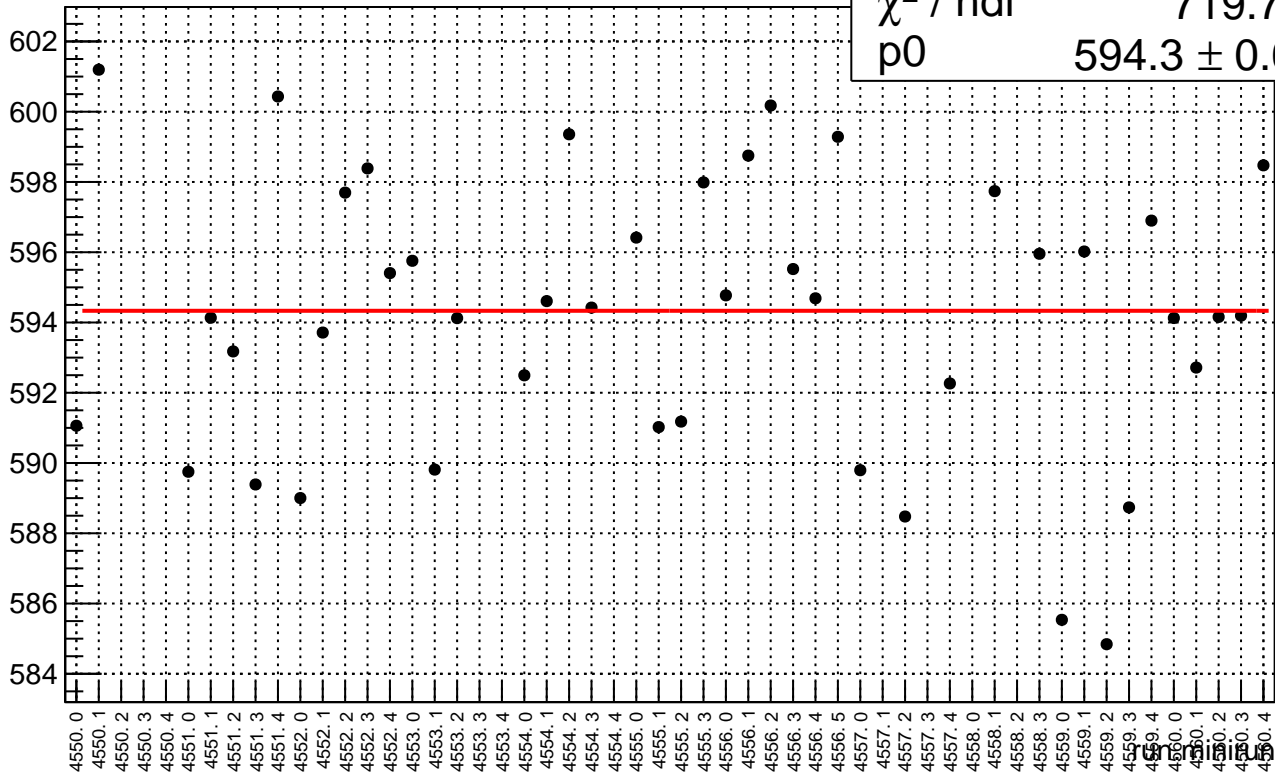
reg\_asym\_atl1\_mean/ppm



# reg\_asym\_atl1\_rms/ppm

reg\_asym\_atl1\_rms/ppm

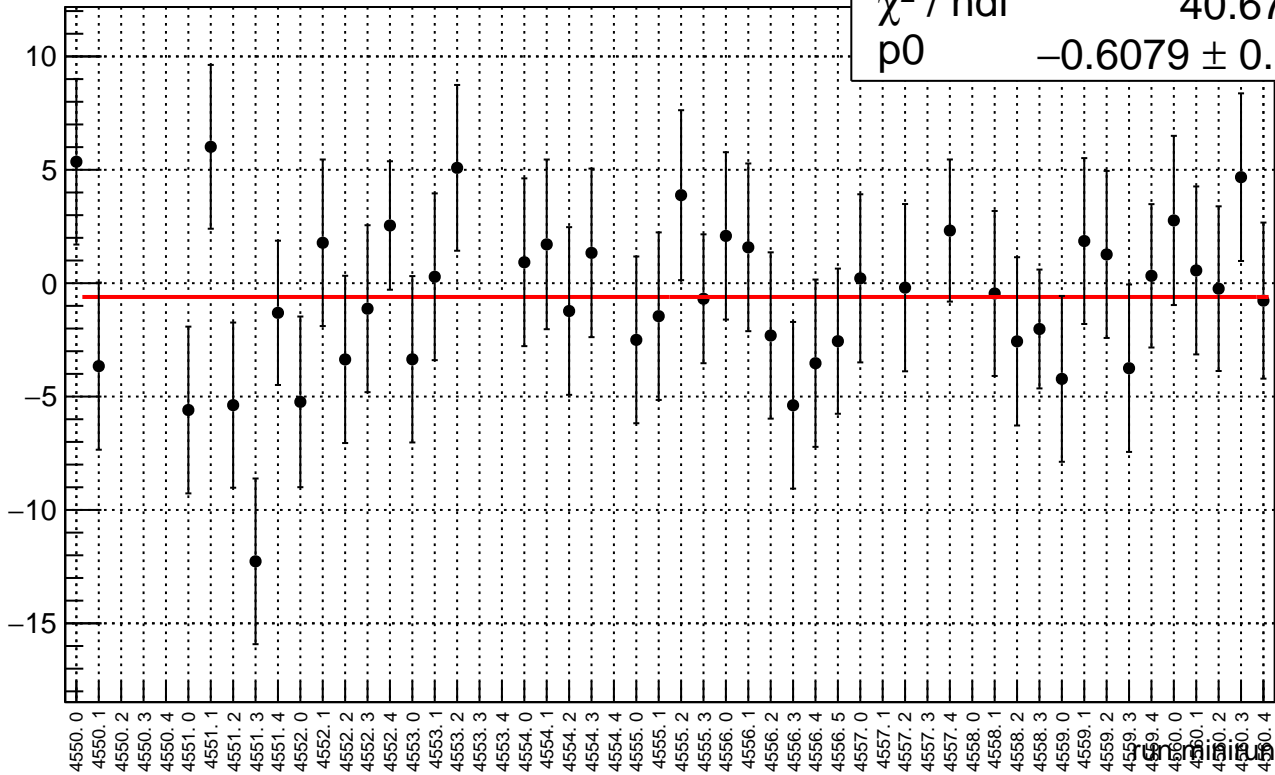
$\chi^2 / \text{ndf}$  719.7 / 44  
 p0 594.3 ± 0.6029



# reg\_asym\_atl2\_mean/ppm

$\chi^2 / \text{ndf}$  40.67 / 44  
 p0  $-0.6079 \pm 0.5268$

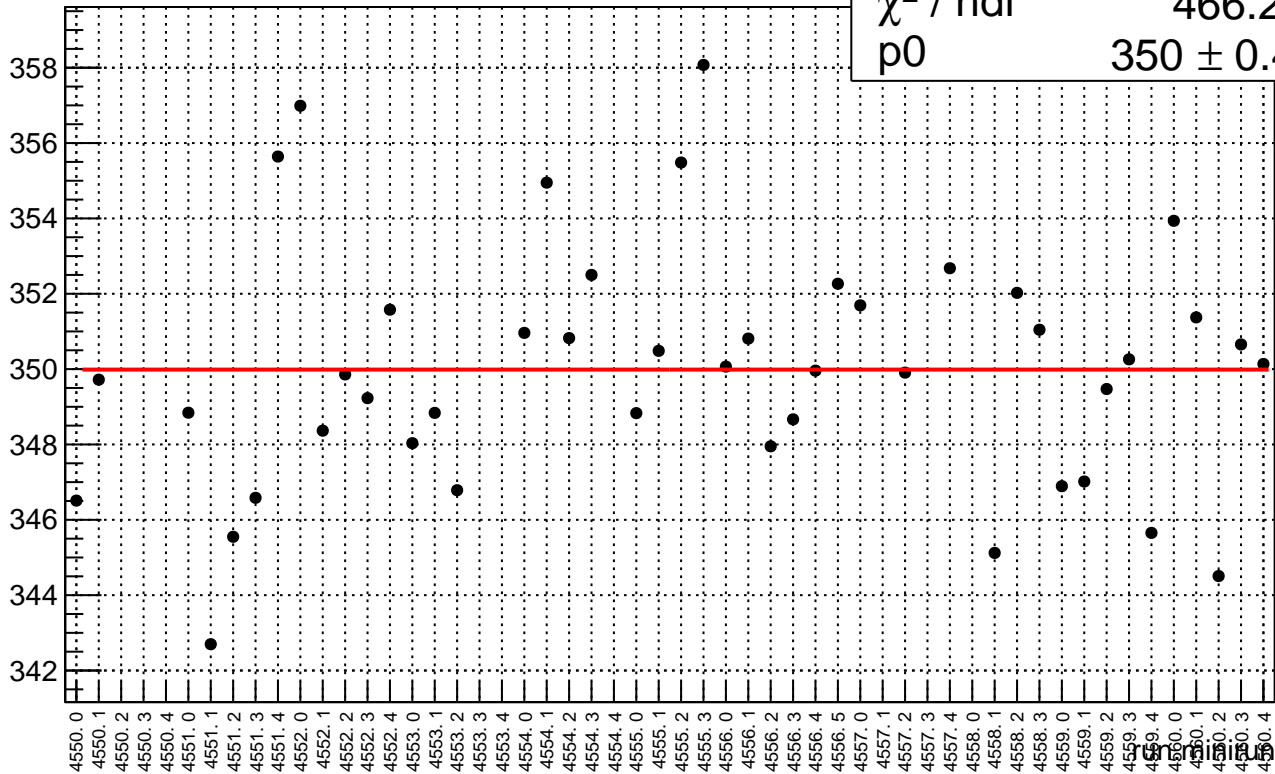
reg\_asym\_atl2\_mean/ppm



# reg\_asym\_atl2\_rms/ppm

$\chi^2 / \text{ndf}$  466.2 / 44  
 p0  $350 \pm 0.4852$

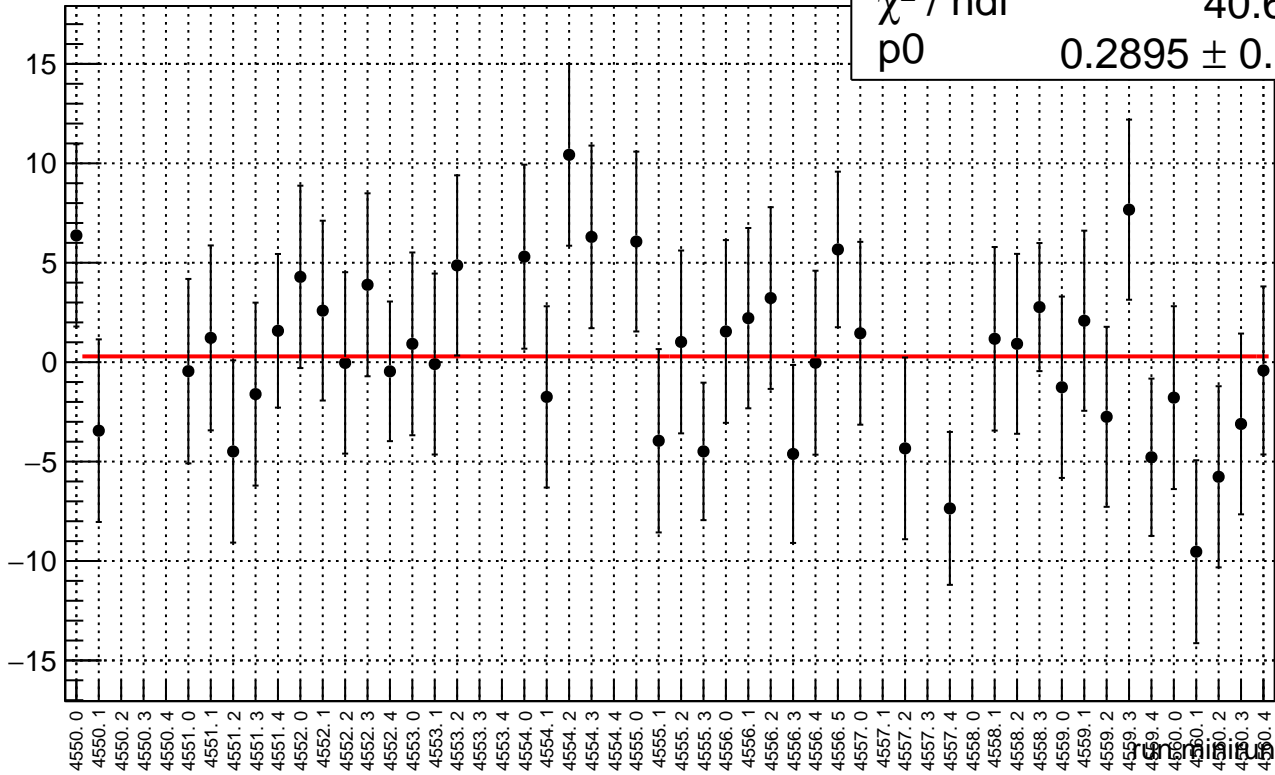
reg\_asym\_atl2\_rms/ppm



reg\_asym\_atr1\_mean/ppm

$\chi^2 / \text{ndf}$  40.6 / 44  
p0  $0.2895 \pm 0.6523$

reg\_asym\_atr1\_mean/ppm

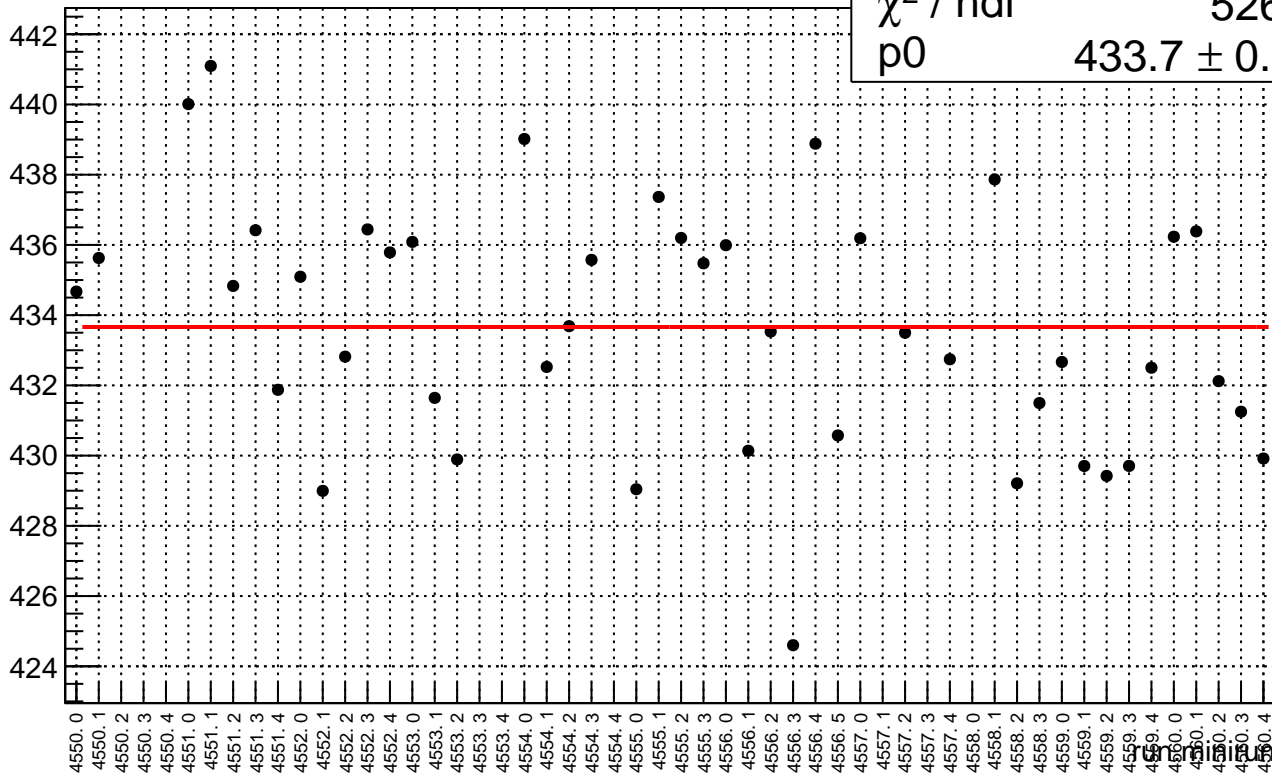


4550.0

# reg\_asym\_atr1\_rms/ppm

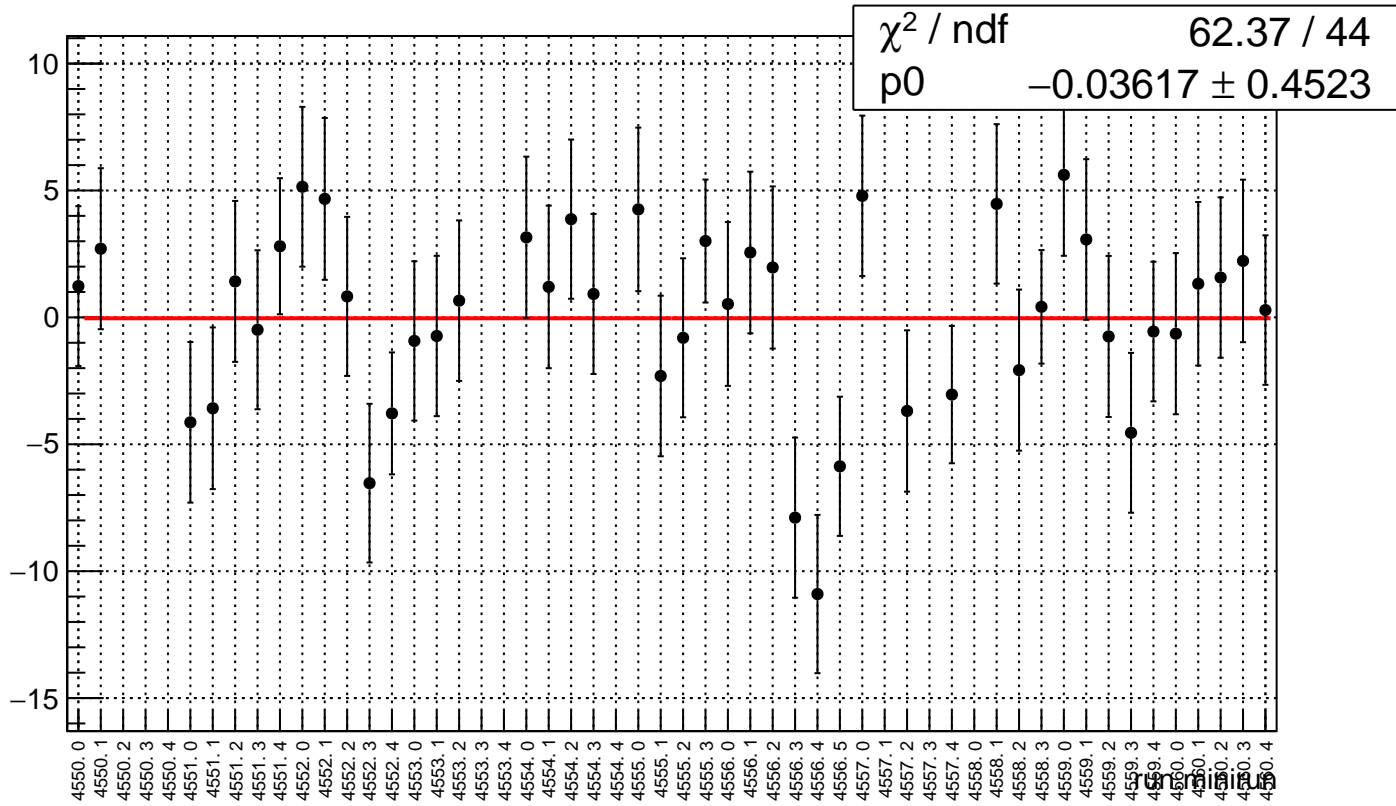
reg\_asym\_atr1\_rms/ppm

$\chi^2 / \text{ndf}$  526 / 44  
 p0  $433.7 \pm 0.5154$



# reg\_asym\_atr2\_mean/ppm

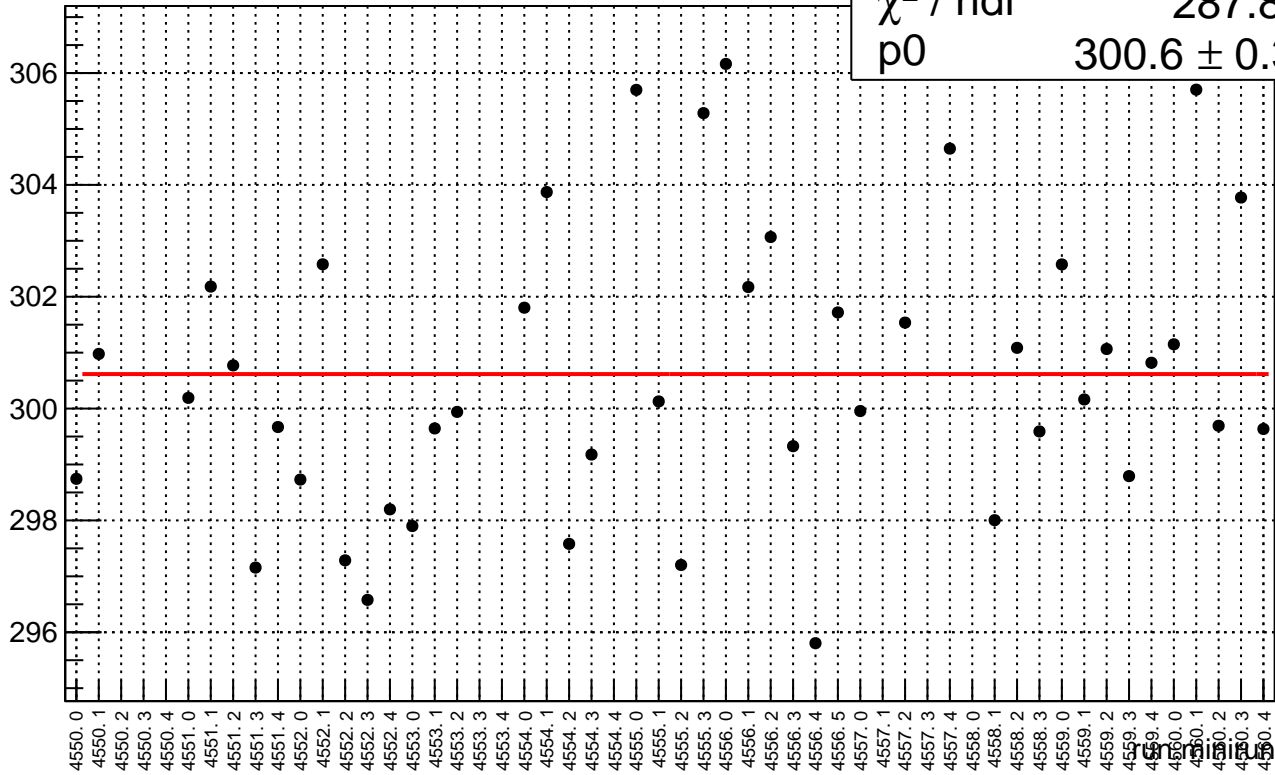
reg\_asym\_atr2\_mean/ppm



reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$  287.8 / 44  
p0 300.6 ± 0.3813

reg\_asym\_atr2\_rms/ppm

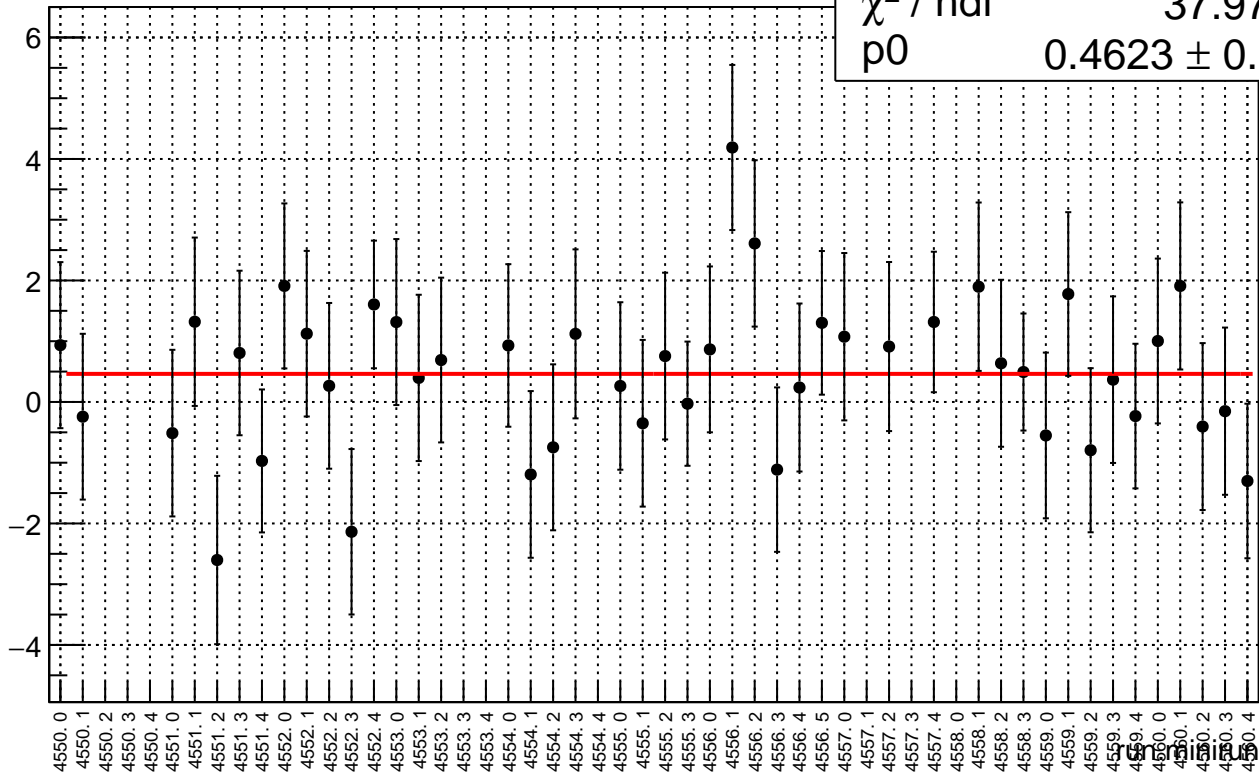




# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

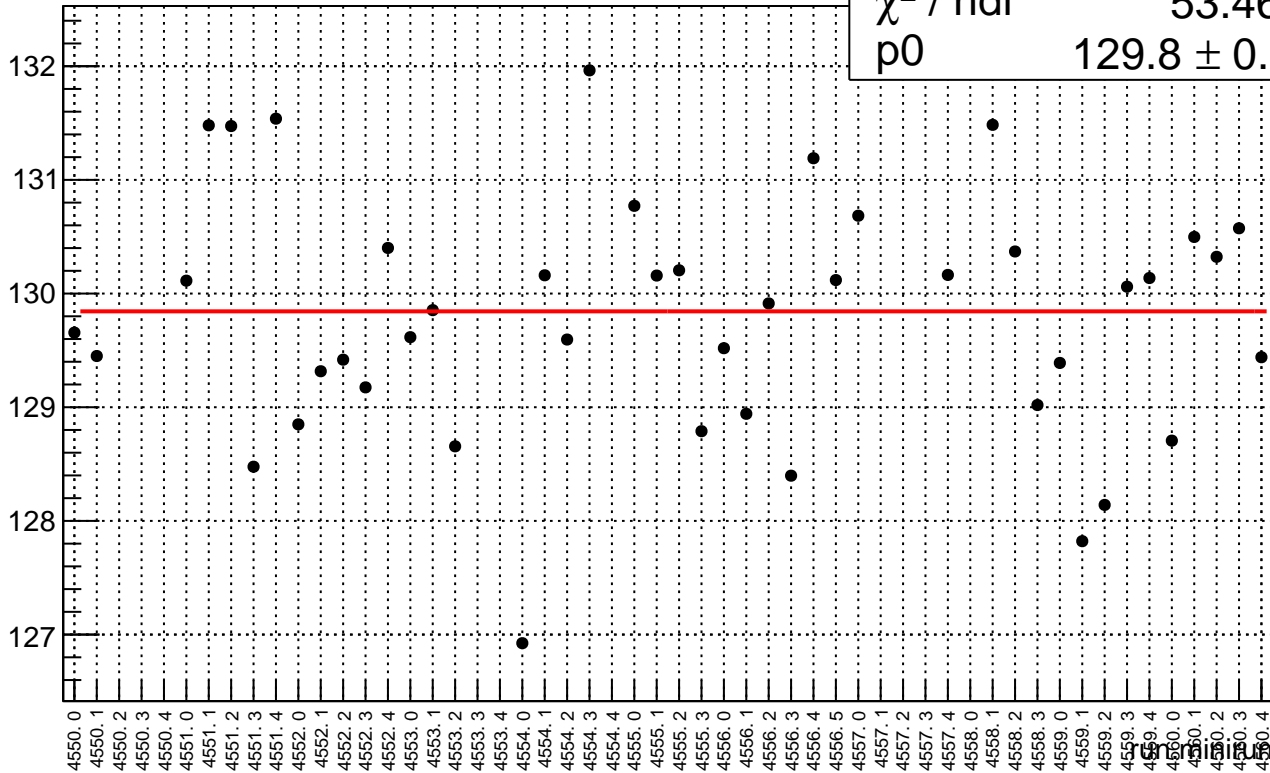
$\chi^2 / \text{ndf}$  37.97 / 44  
 p0  $0.4623 \pm 0.1953$



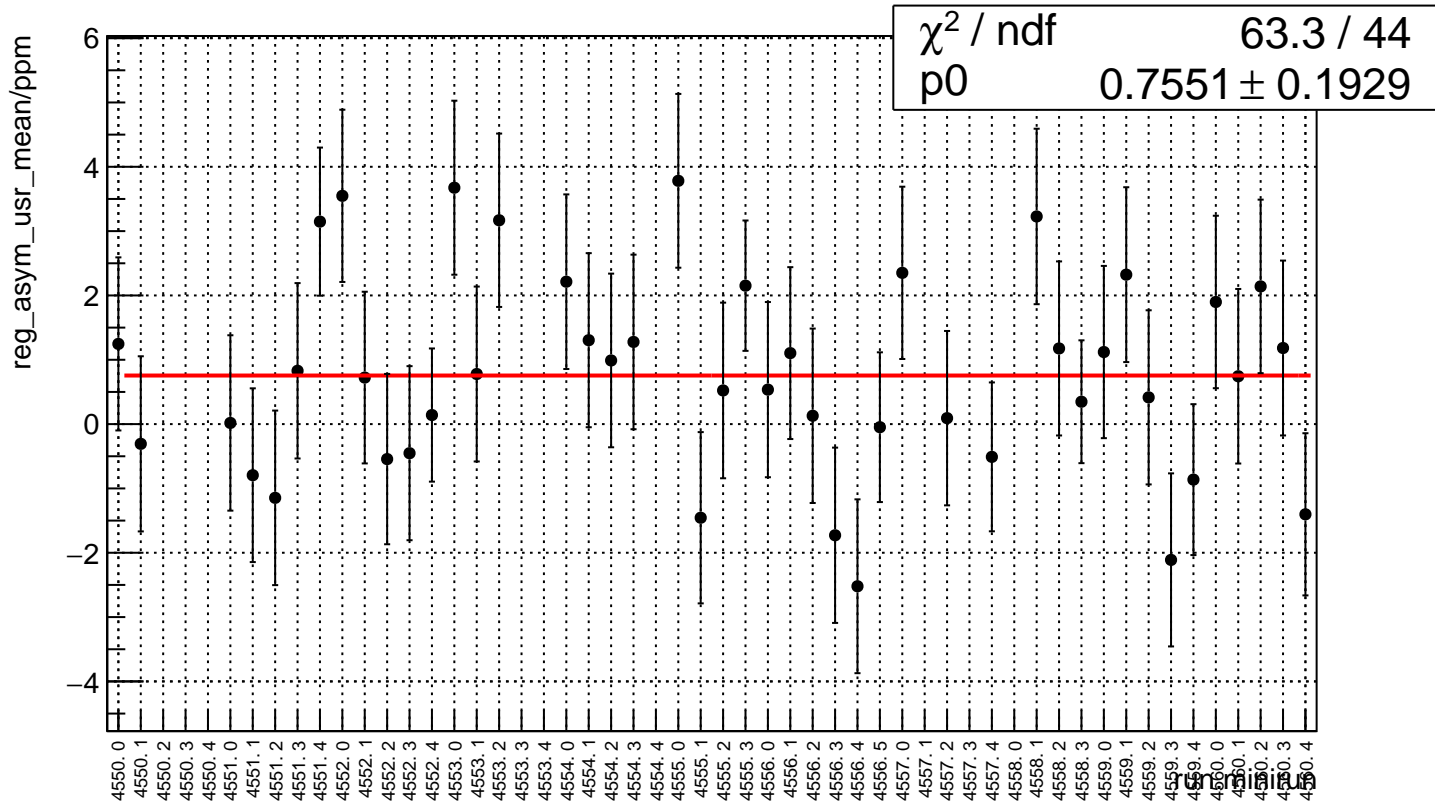
reg\_asym\_usl\_rms/ppm

$\chi^2 / \text{ndf}$  53.46 / 44  
p0  $129.8 \pm 0.1643$

reg\_asym\_usl\_rms/ppm



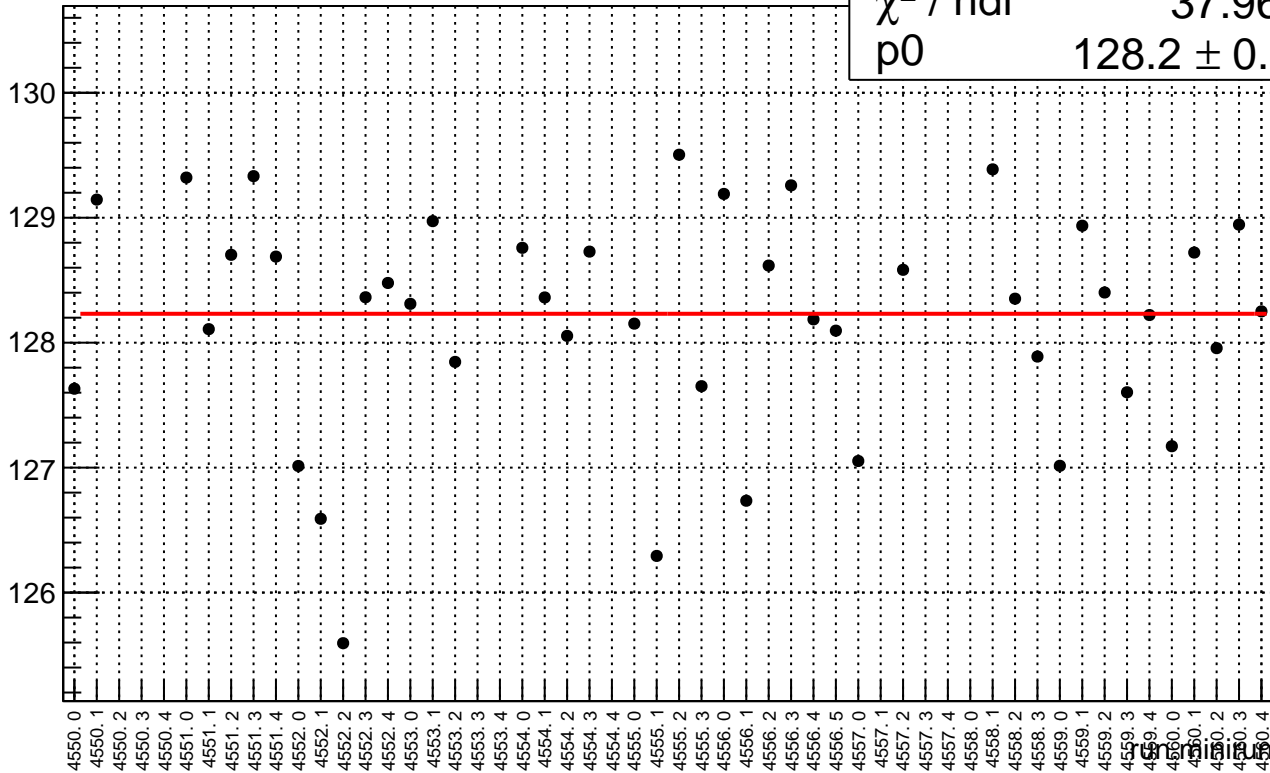
# reg\_asym\_usr\_mean/ppm



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  37.96 / 44  
p0 128.2 ± 0.1385

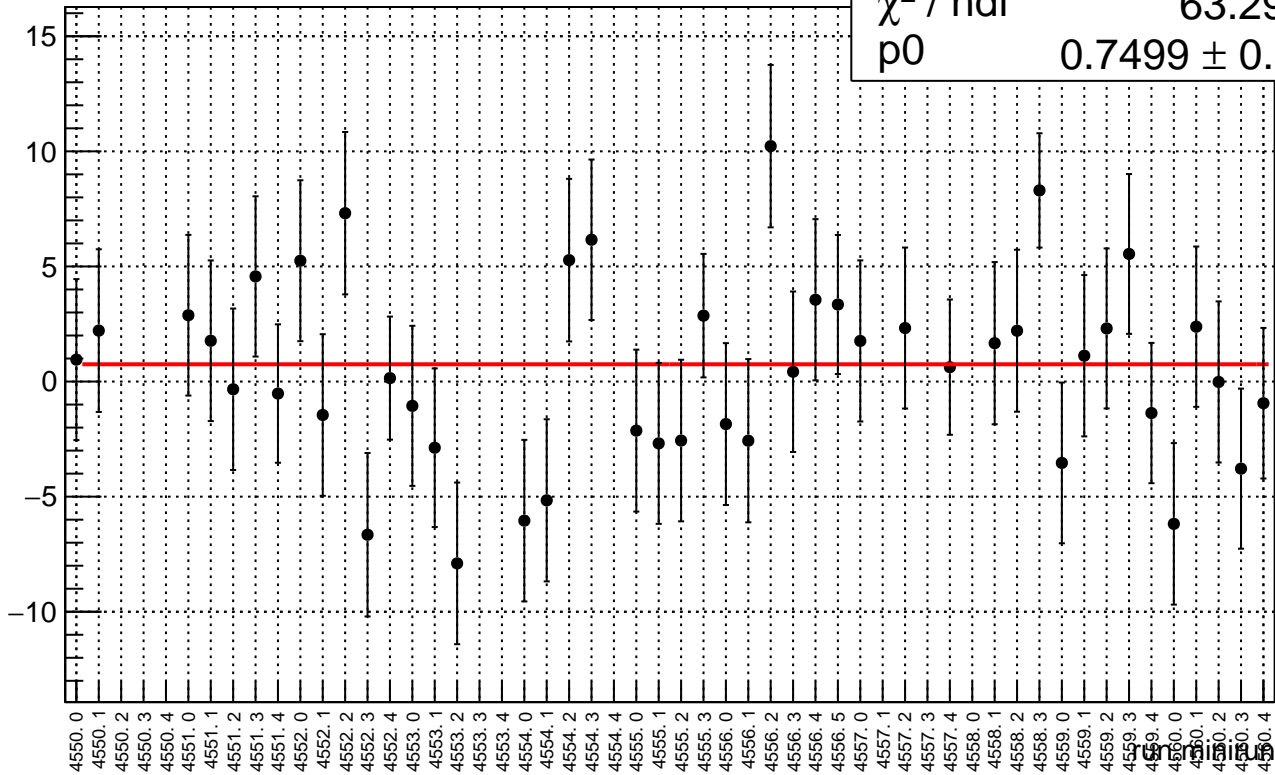
reg\_asym\_usr\_rms/ppm



reg\_asym\_atl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  63.29 / 44  
p0  $0.7499 \pm 0.5003$

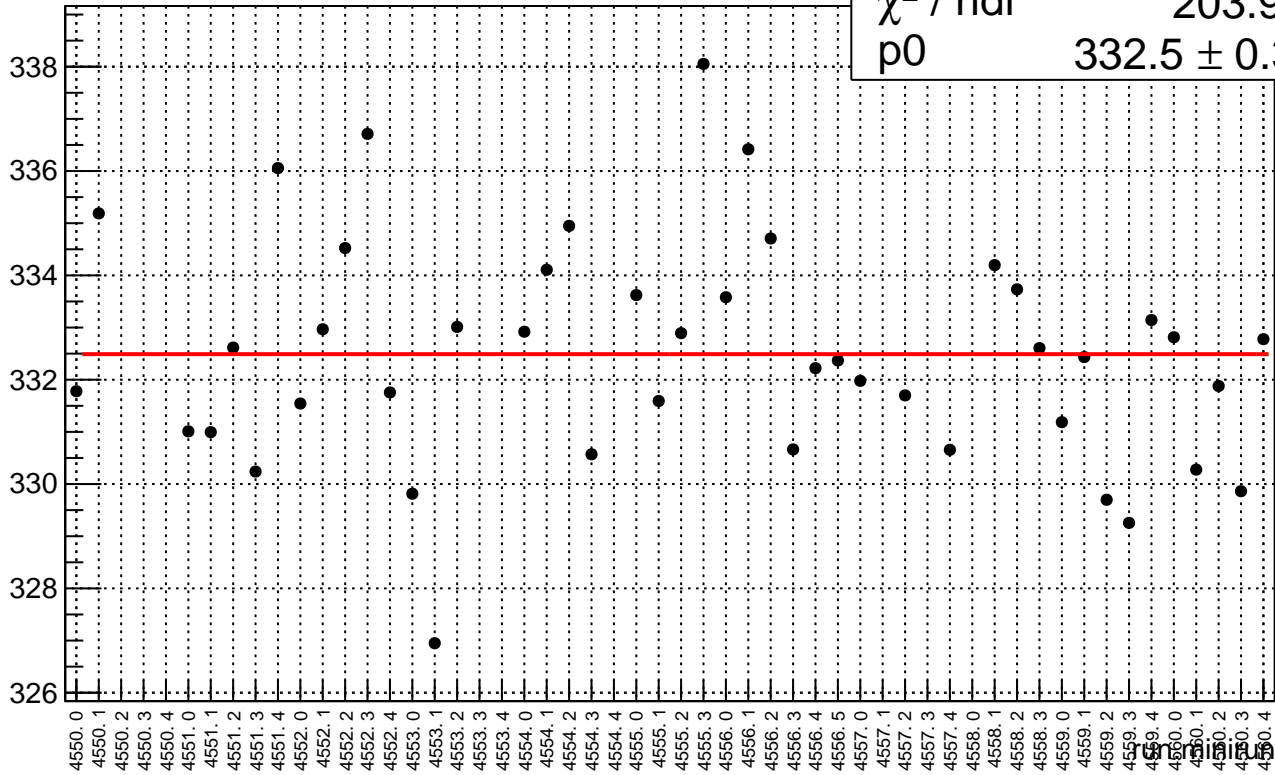
reg\_asym\_atl\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  203.9 / 44  
 p0  $332.5 \pm 0.3209$

reg\_asym\_atl\_dd\_rms/ppm

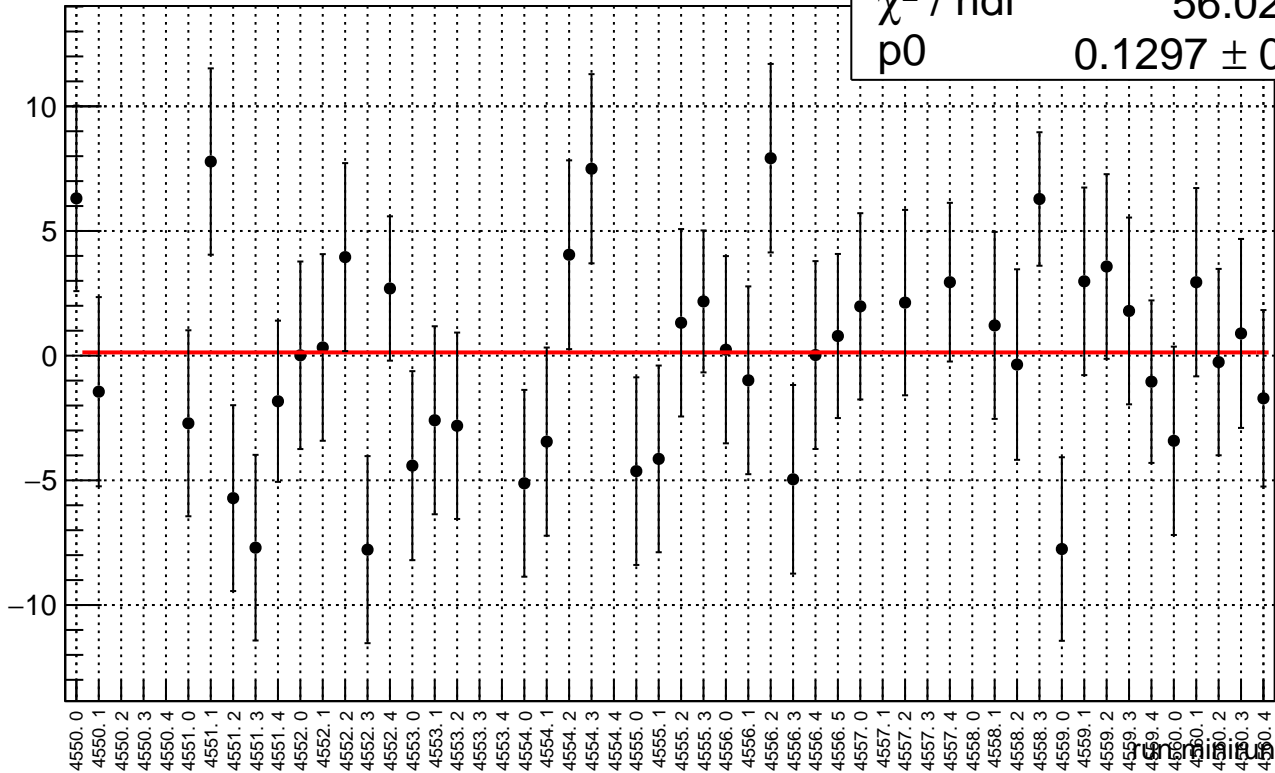


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# reg\_asym\_atl\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  56.02 / 44  
 p0  $0.1297 \pm 0.537$

reg\_asym\_atl\_avg\_mean/ppm



reg\_asym\_atl\_avg\_rms/ppm

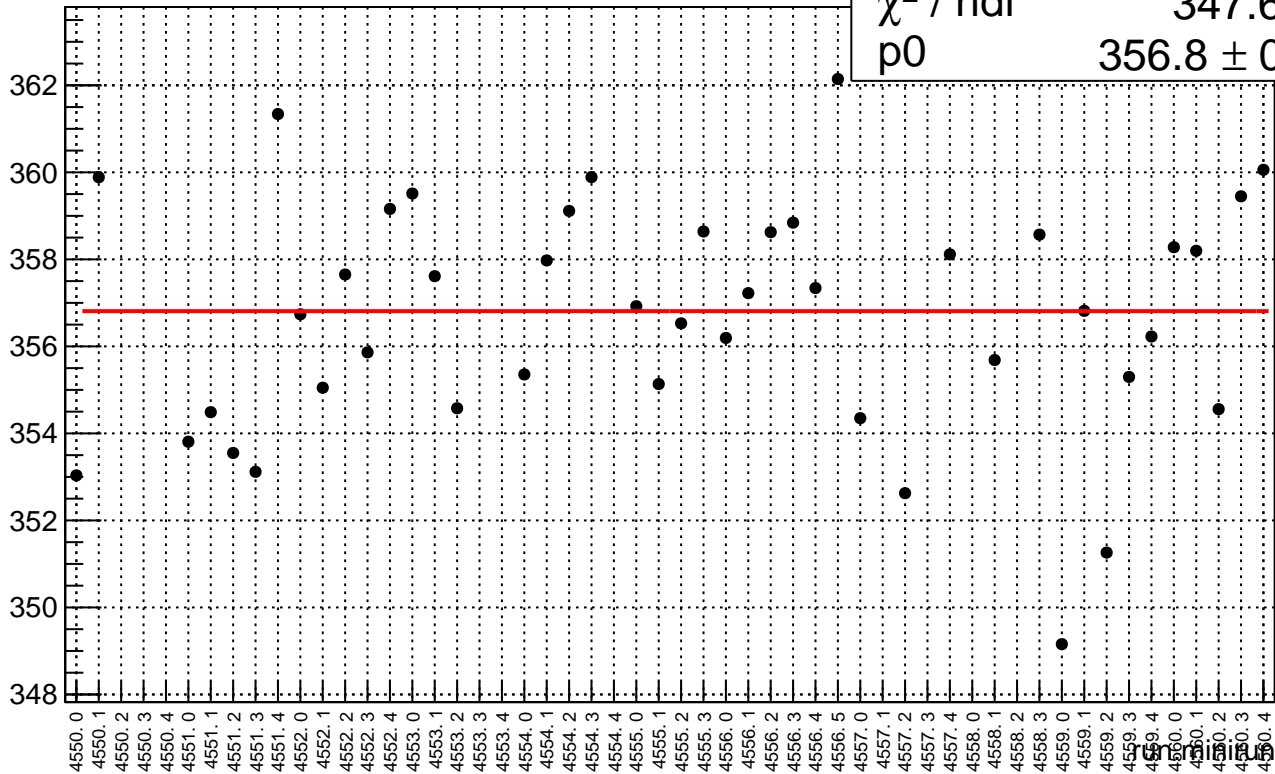
$\chi^2 / \text{ndf}$

347.6 / 44

p0

$356.8 \pm 0.419$

reg\_asym\_atl\_avg\_rms/ppm



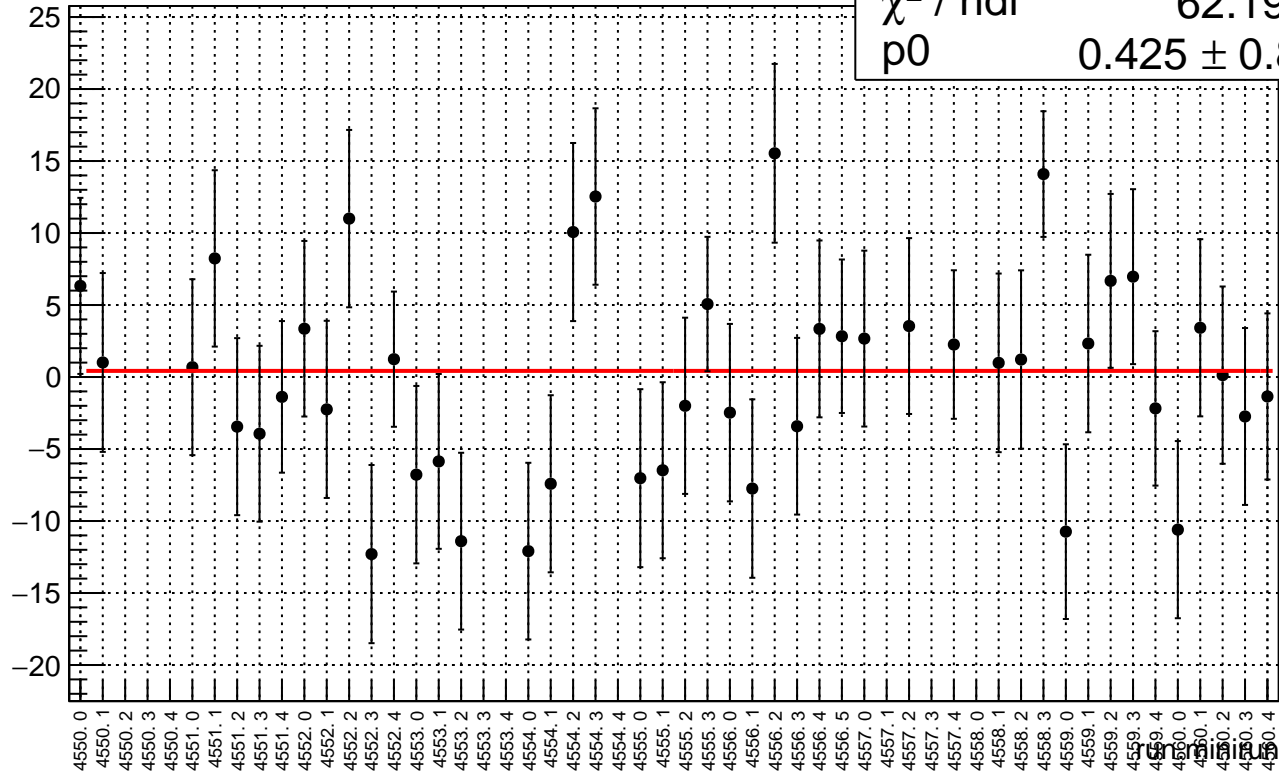
4550.0  
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4550.2  
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4551.0  
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4560.4



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

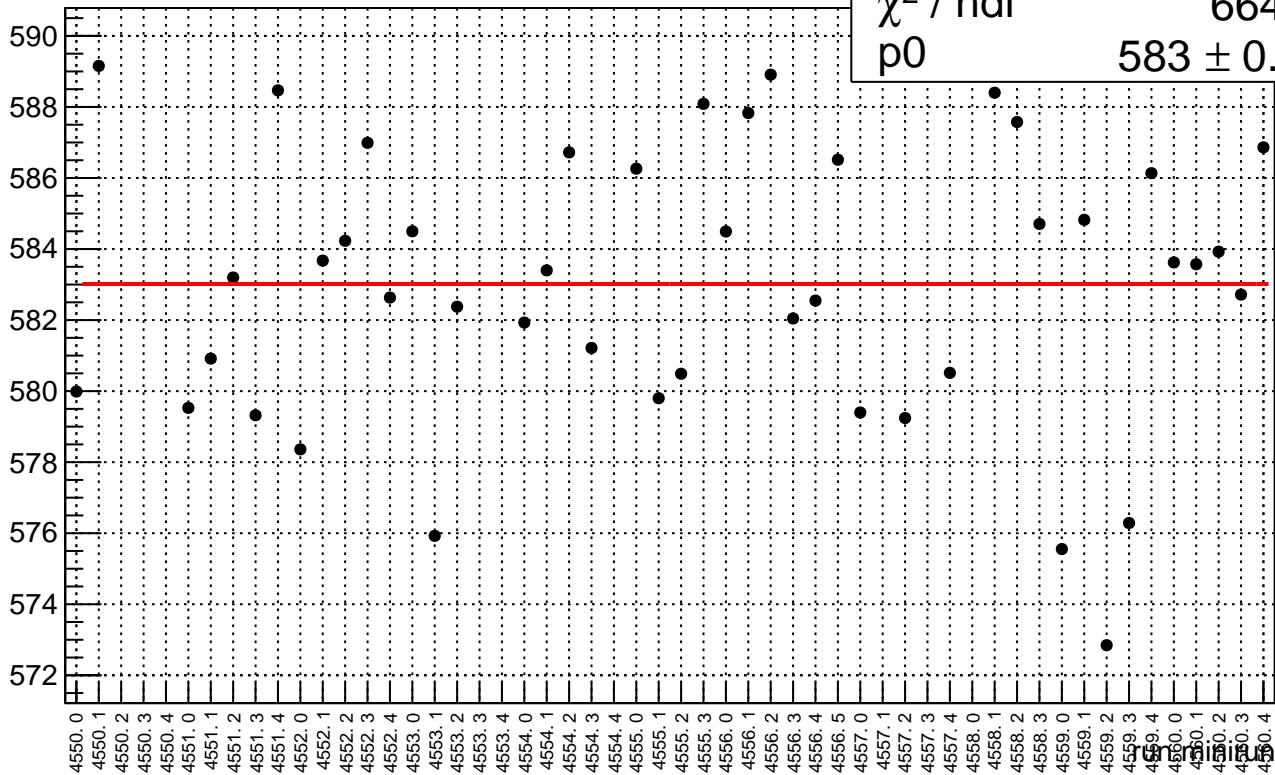
$\chi^2 / \text{ndf}$  62.19 / 44  
 p0  $0.425 \pm 0.8774$

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

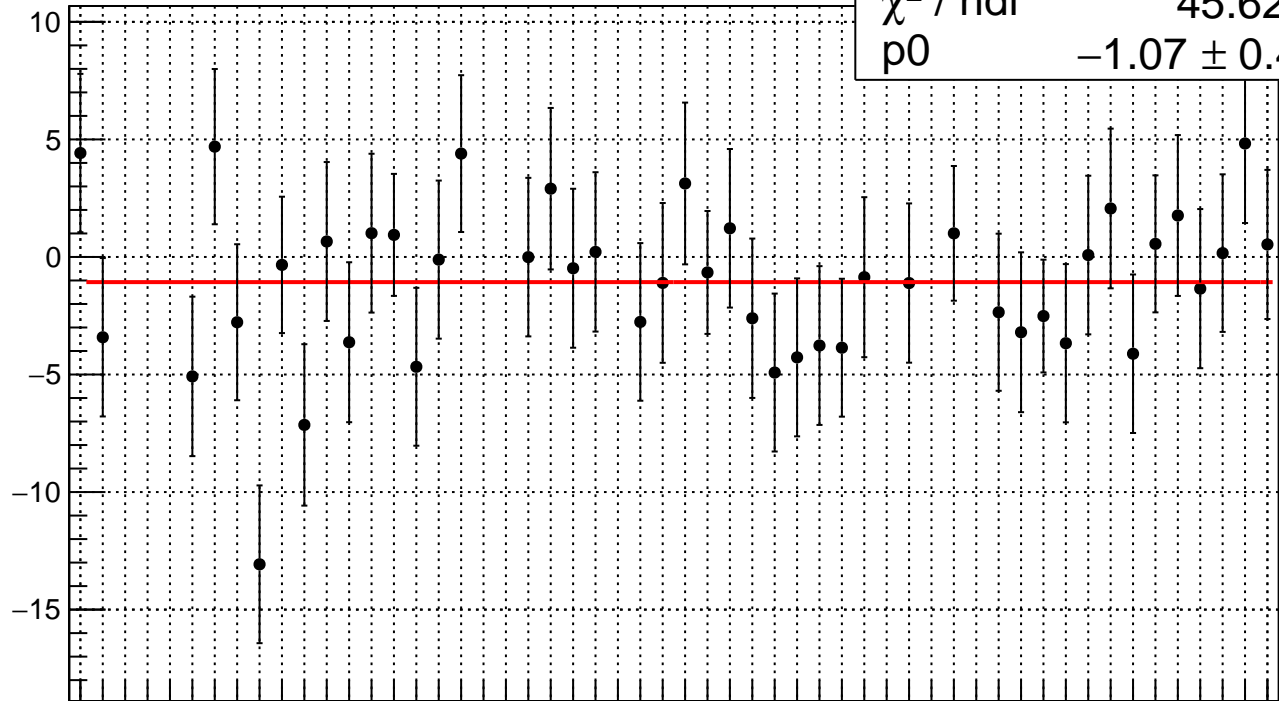


55 56 57 58 59 60 61 62 63 64 65

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

$\chi^2 / \text{ndf}$  45.62 / 44  
 p0  $-1.07 \pm 0.4829$

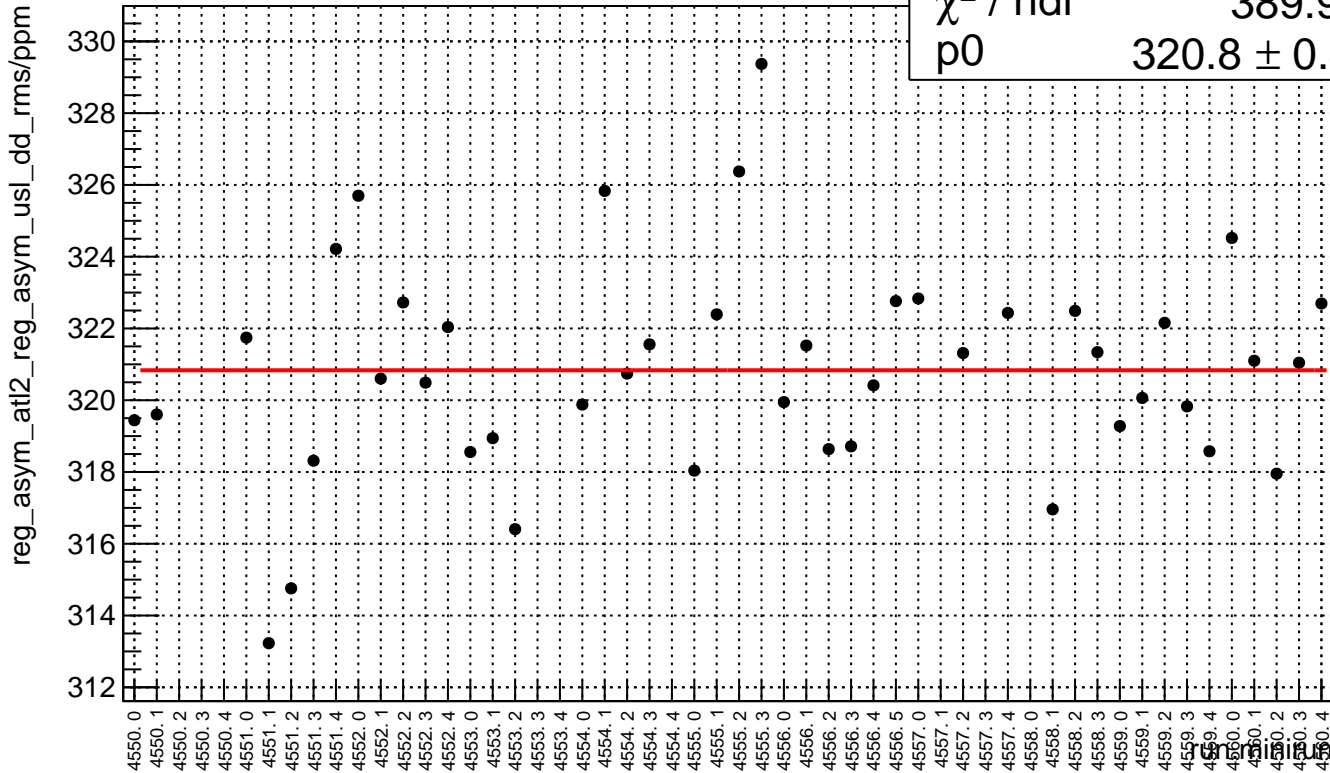
reg\_asym\_atl2\_reg\_asym\_usl\_dd\_mean/ppm



4550.0  
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4560.0  
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4560.2  
4560.3  
4560.4

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

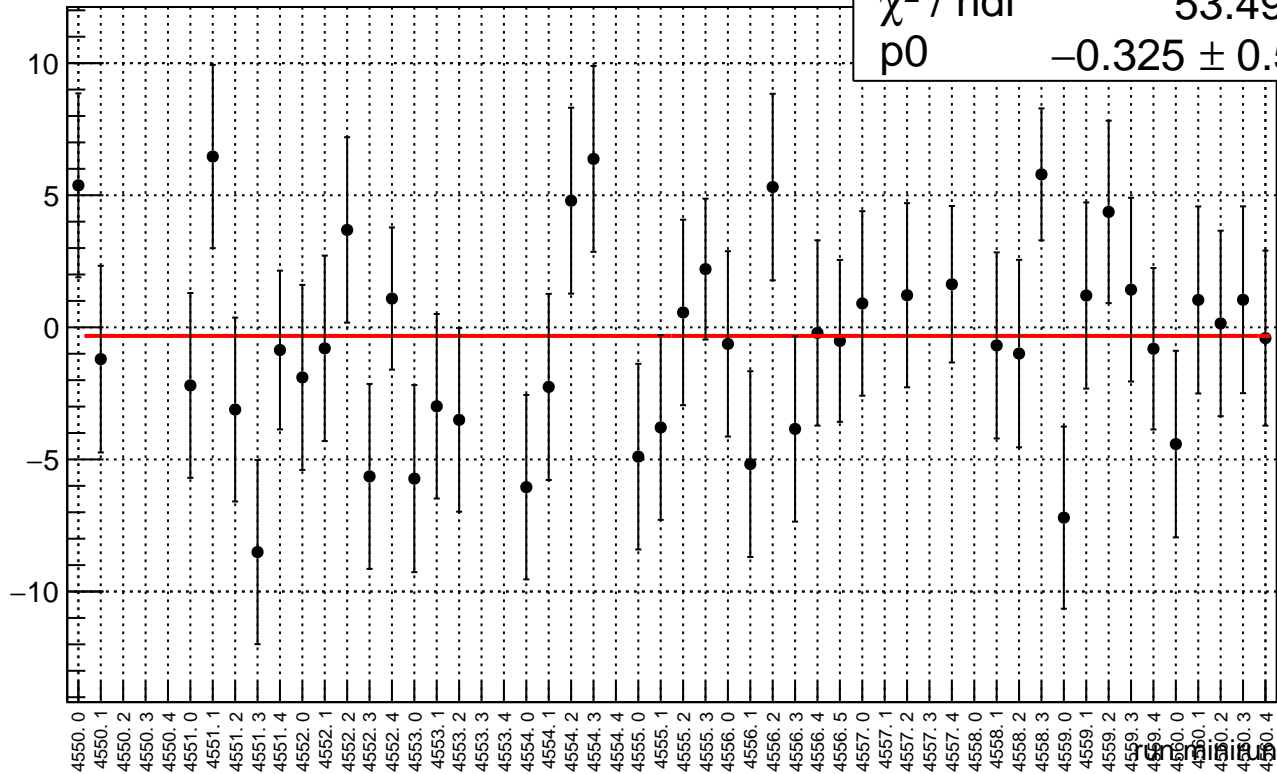
$\chi^2 / \text{ndf}$  389.9 / 44  
 p0  $320.8 \pm 0.4438$



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

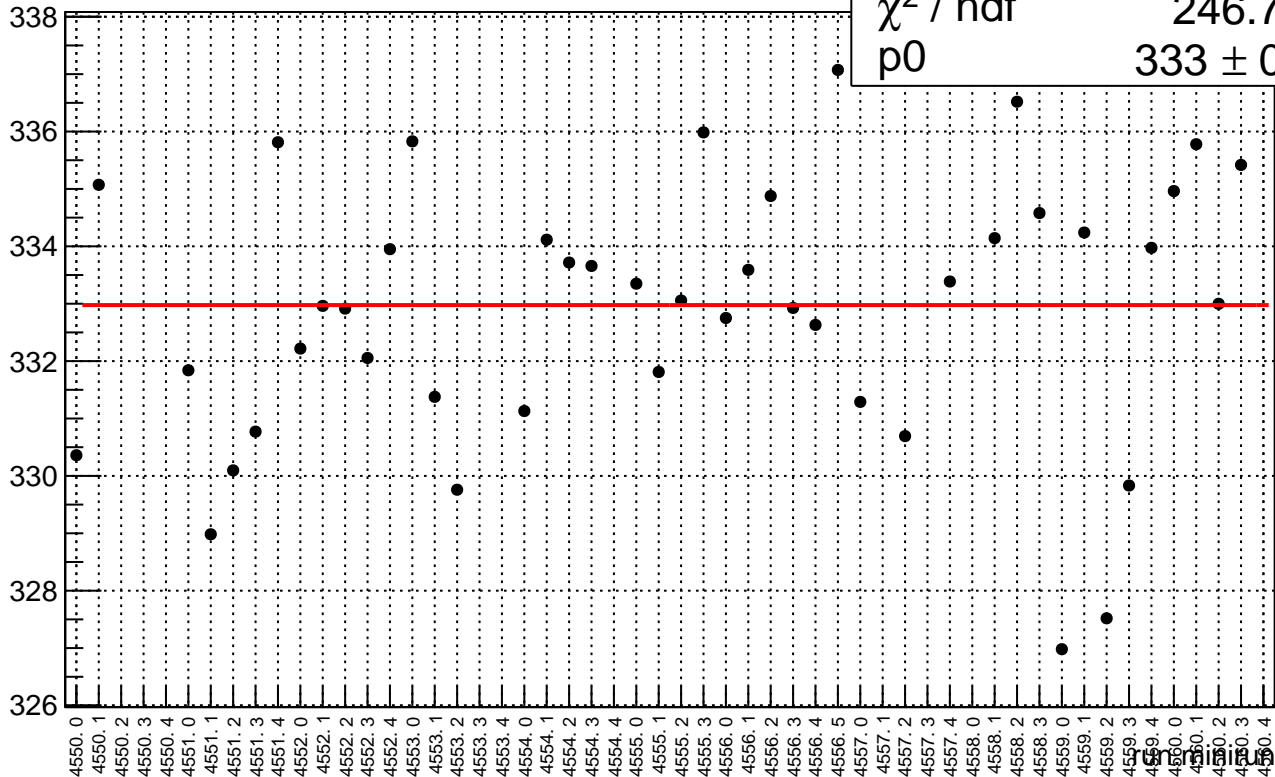
$\chi^2 / \text{ndf}$  53.49 / 44  
p0  $-0.325 \pm 0.5012$

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

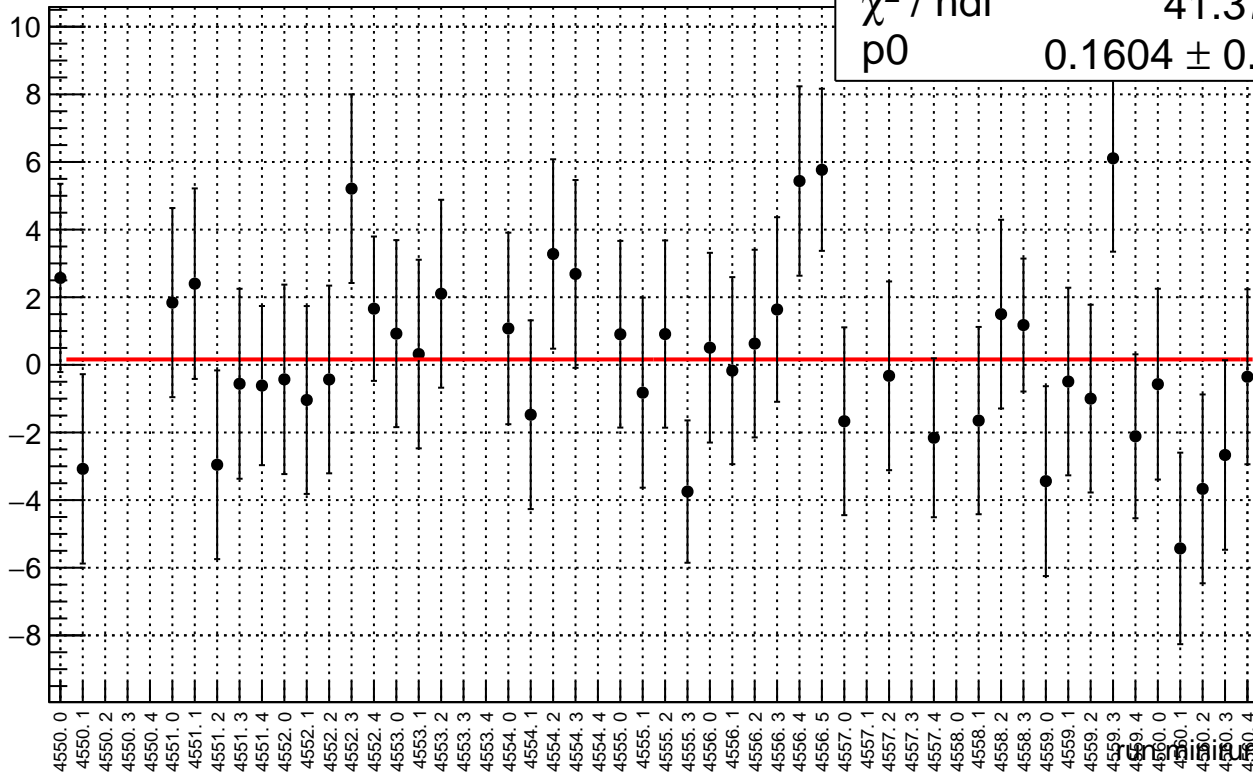


reg\_asym\_atr\_dd\_mean/ppm

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

41.37 / 44  
 $0.1604 \pm 0.3979$

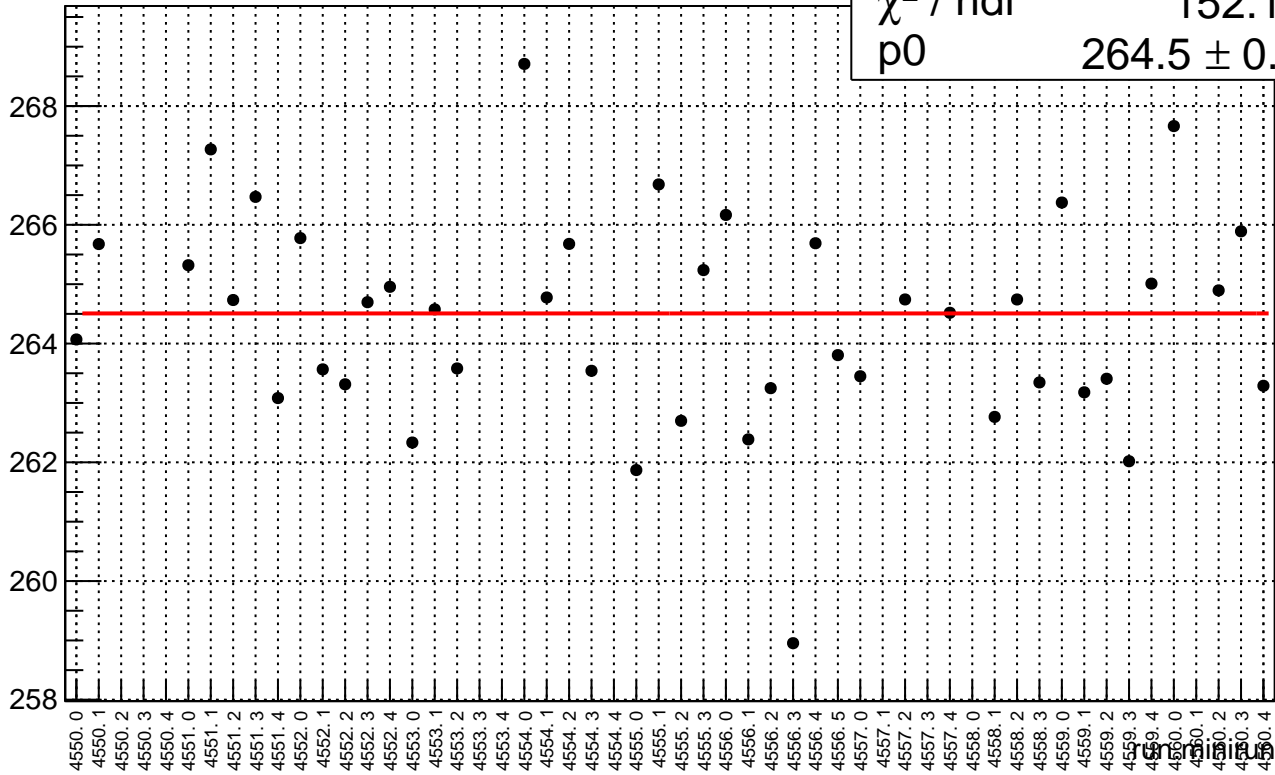
reg\_asym\_atr\_dd\_mean/ppm



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

reg\_asym\_atr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  152.1 / 44  
 p0  $264.5 \pm 0.2771$

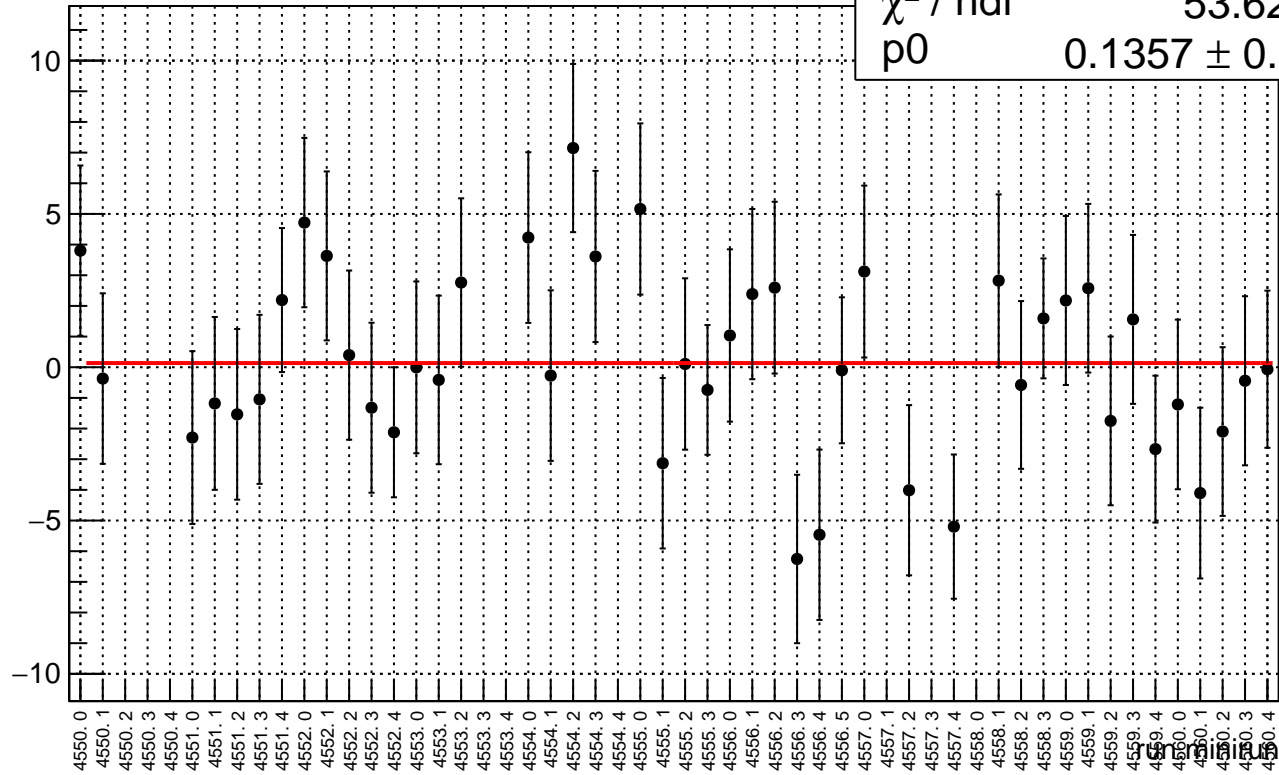




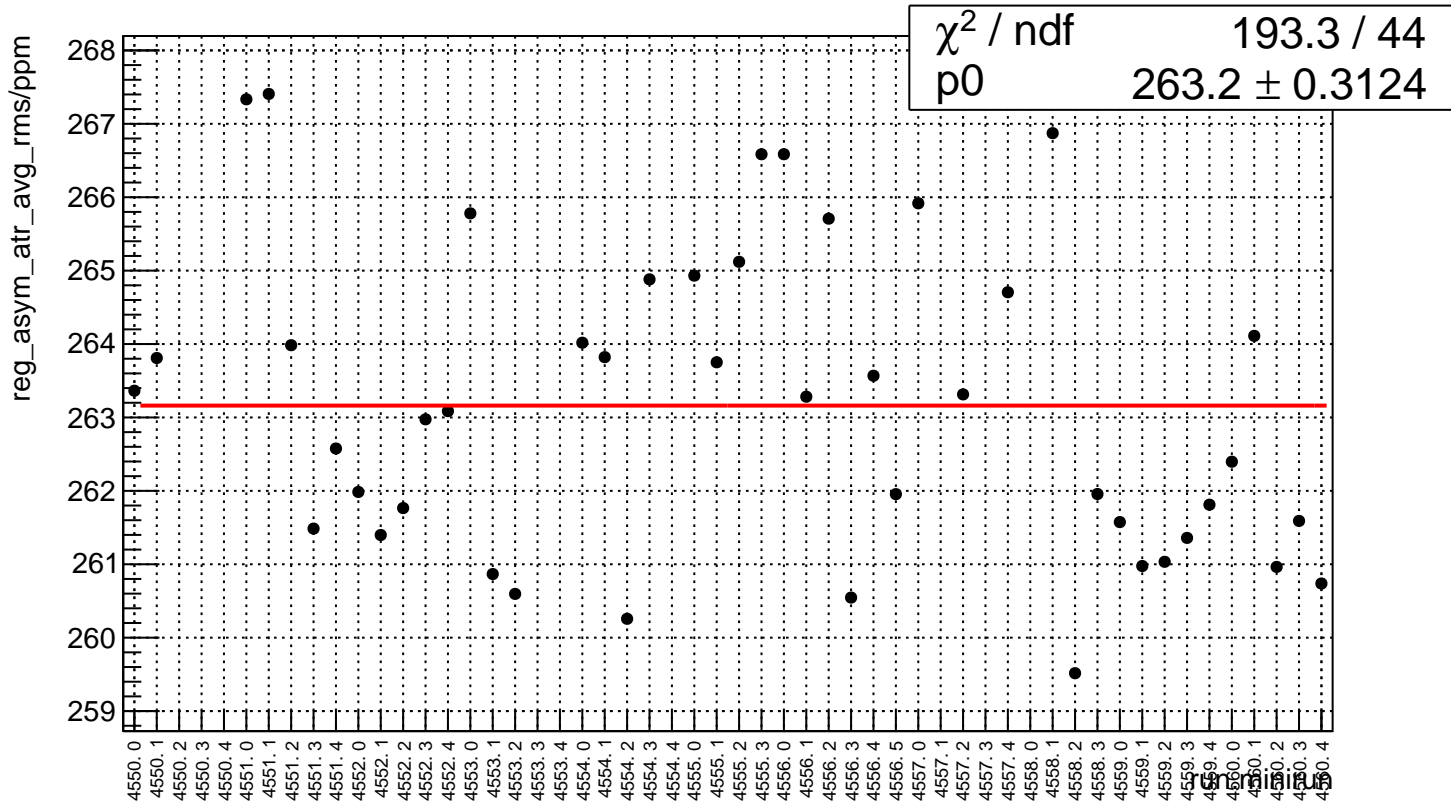
# reg\_asym\_atr\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  53.62 / 44  
 p0  $0.1357 \pm 0.3959$

reg\_asym\_atr\_avg\_mean/ppm



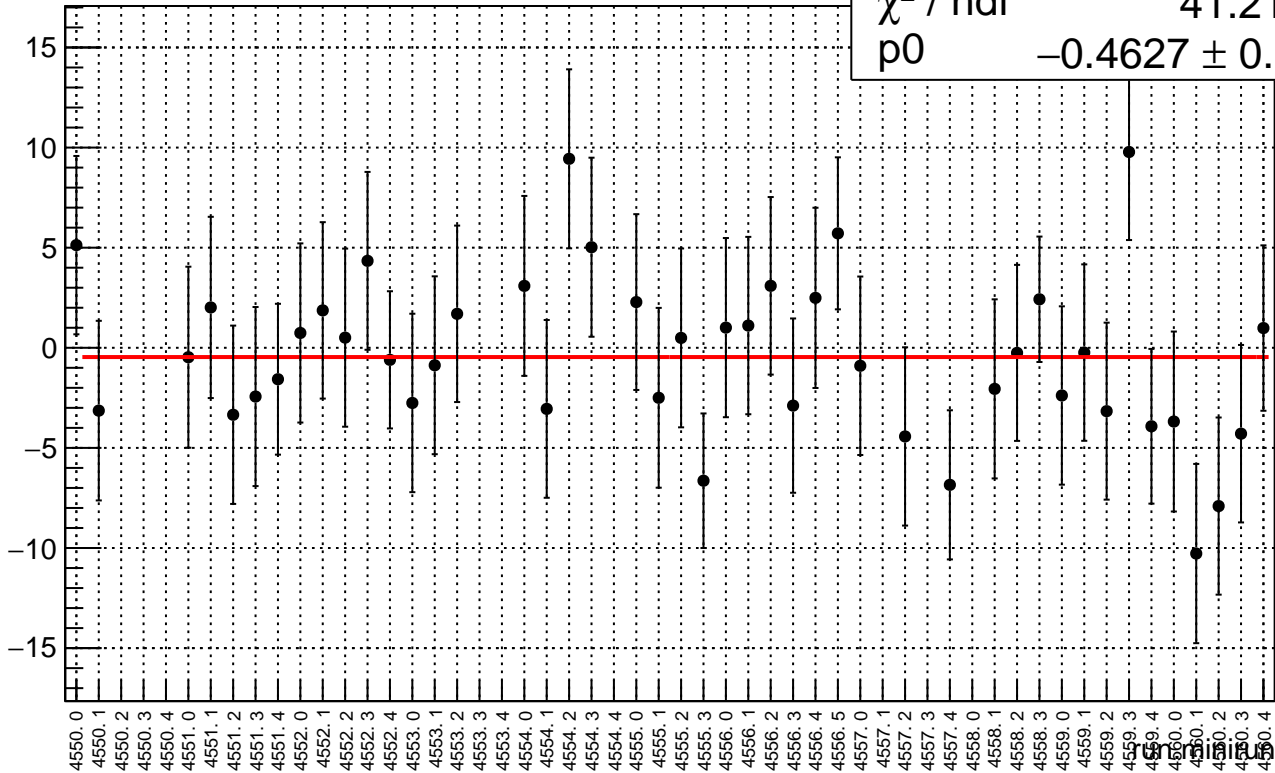
# reg\_asym\_atr\_avg\_rms/ppm



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

$\chi^2 / \text{ndf}$  41.21 / 44  
p0  $-0.4627 \pm 0.6348$

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

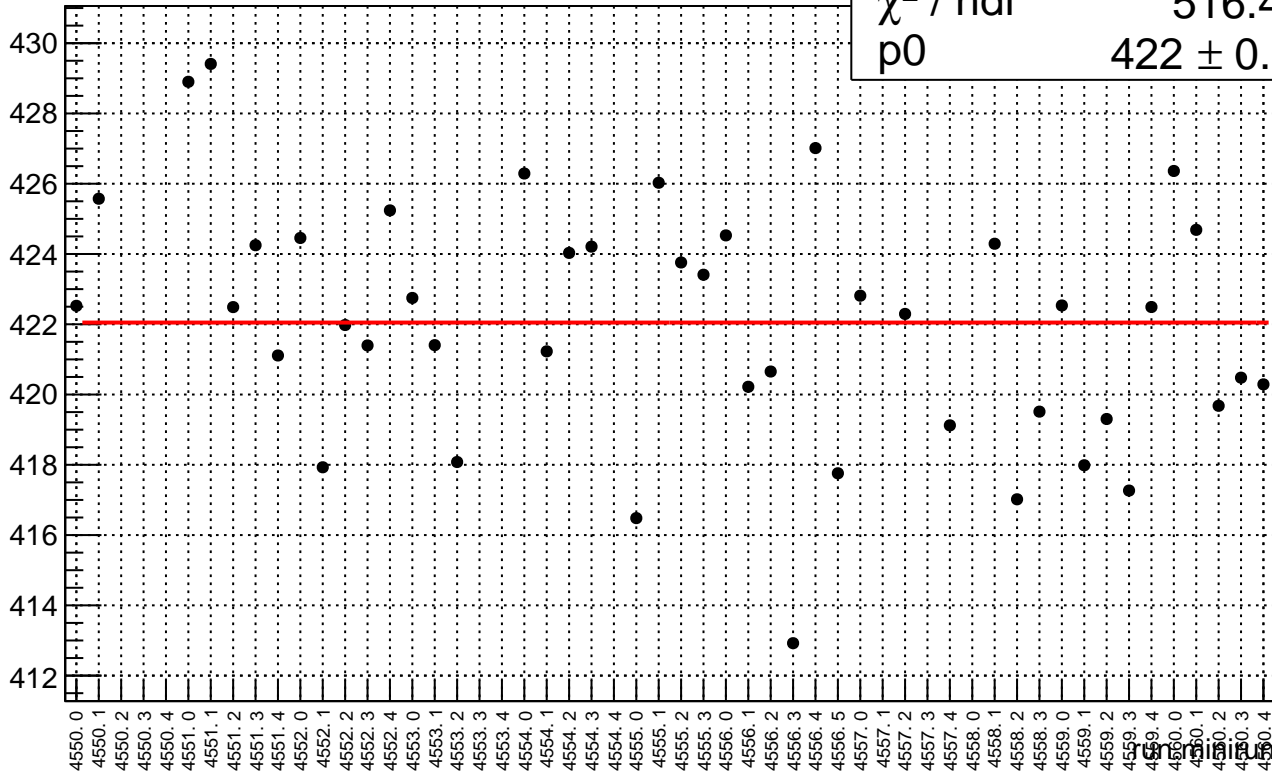


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reg\_asym\_atr1\_reg\_asym\_usr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  516.4 / 44  
p0  $422 \pm 0.5107$

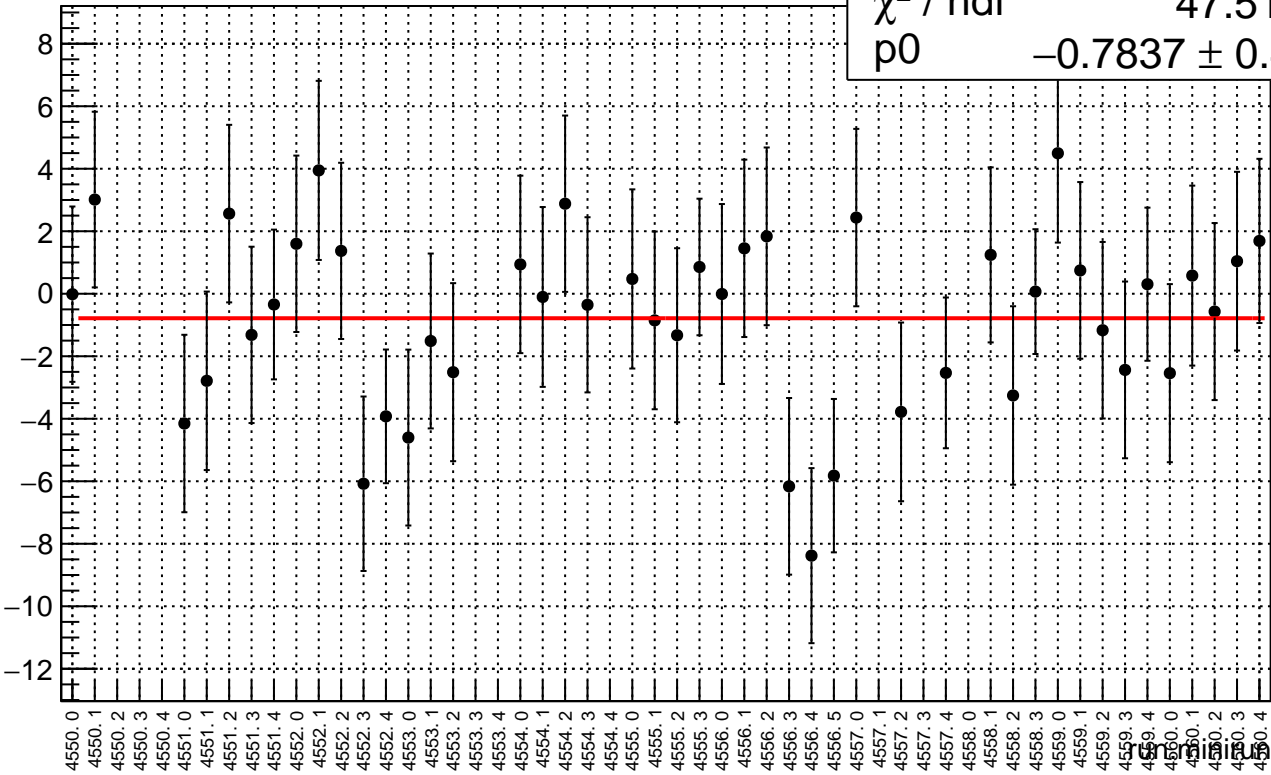
reg\_asym\_atr1\_reg\_asym\_usr\_dd\_rms/ppm



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

$\chi^2 / \text{ndf}$  47.51 / 44  
 p0  $-0.7837 \pm 0.4045$

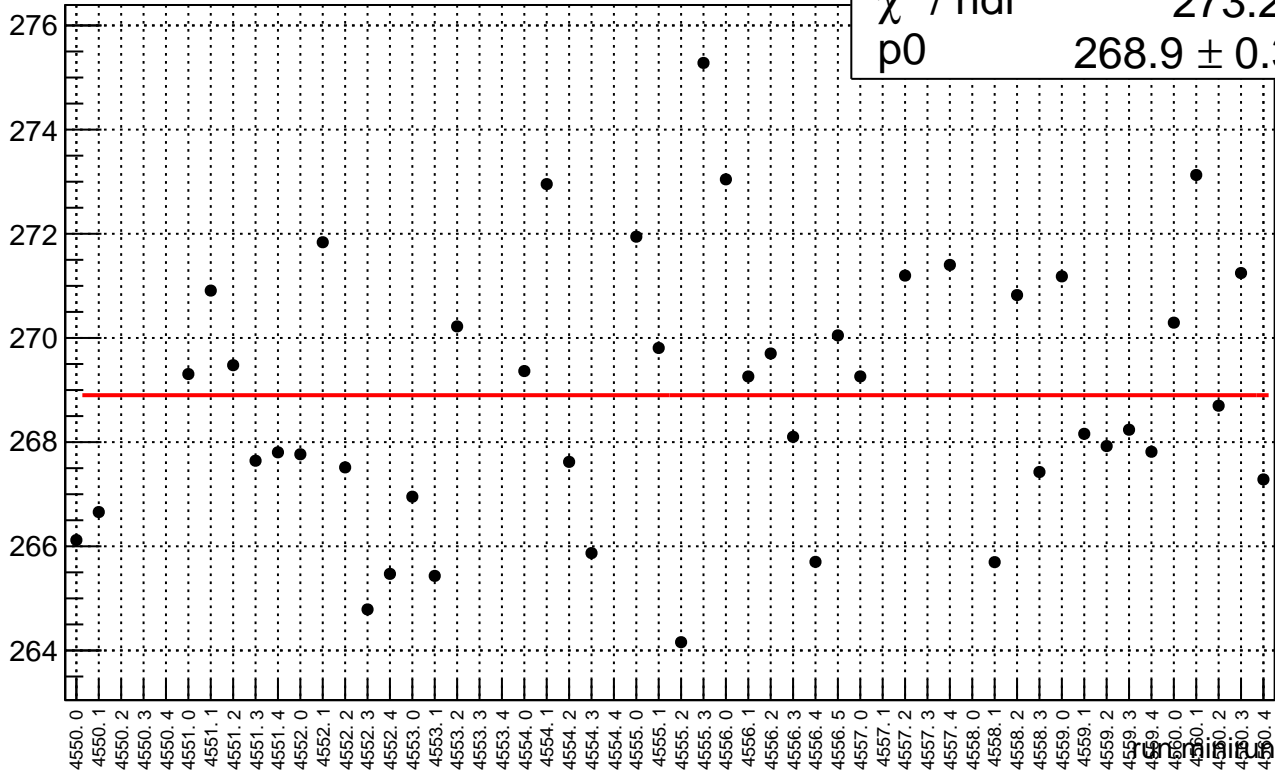
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  273.2 / 44  
 p0  $268.9 \pm 0.3714$

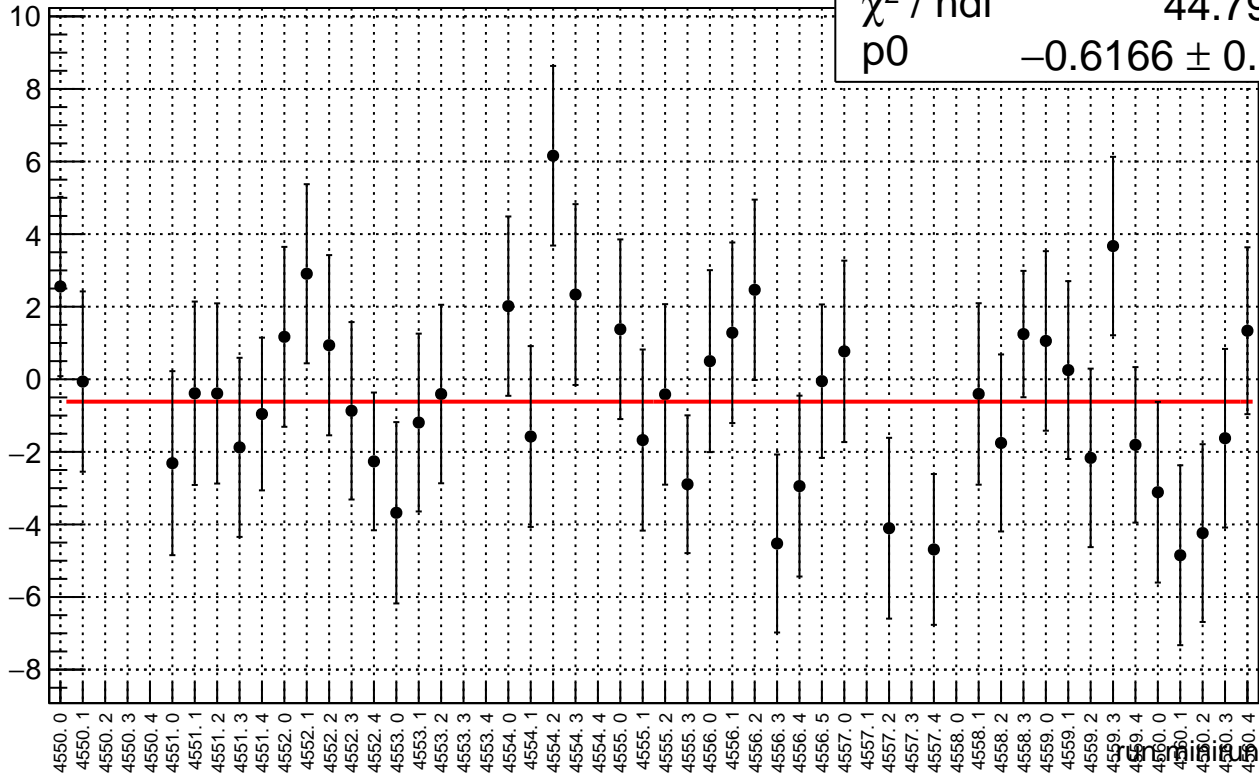
reg\_asym\_atr2\_reg\_asym\_usr\_dd\_rms/ppm



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

$\chi^2 / \text{ndf}$  44.79 / 44  
p0  $-0.6166 \pm 0.3536$

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



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

$\chi^2 / \text{ndf}$  179.5 / 44  
 p0  $235.1 \pm 0.3011$

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

