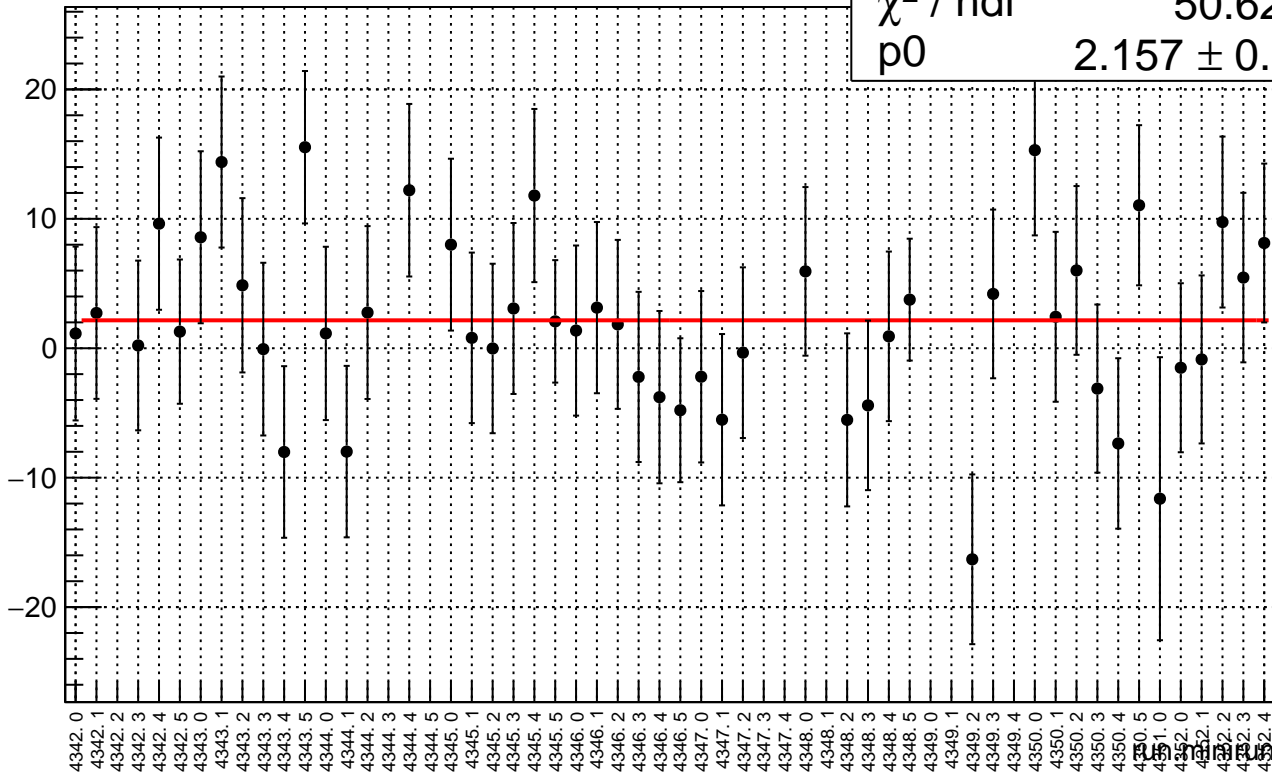


reg\_asym\_atl1\_mean/ppm

$\chi^2 / \text{ndf}$  50.62 / 48  
p0  $2.157 \pm 0.9185$

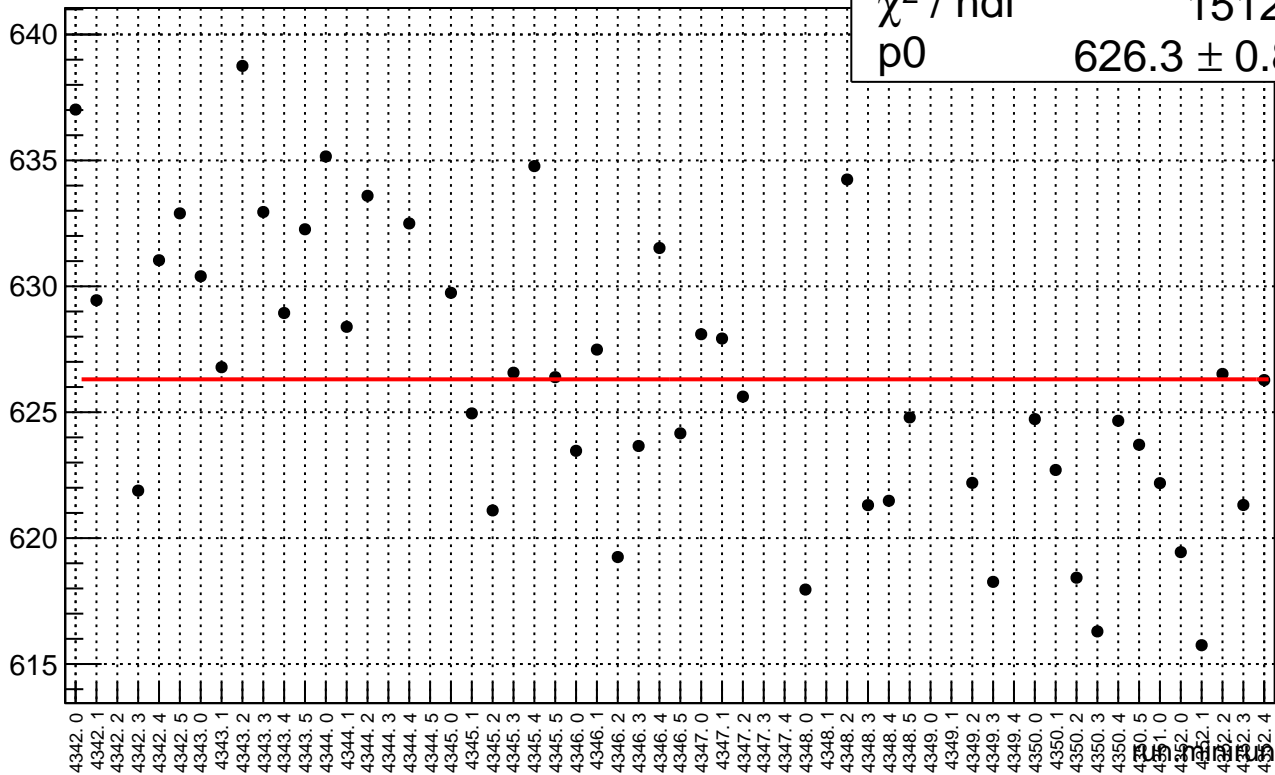
reg\_asym\_atl1\_mean/ppm



reg\_asym\_atl1\_rms/ppm

$\chi^2 / \text{ndf}$  1512 / 48  
p0  $626.3 \pm 0.8018$

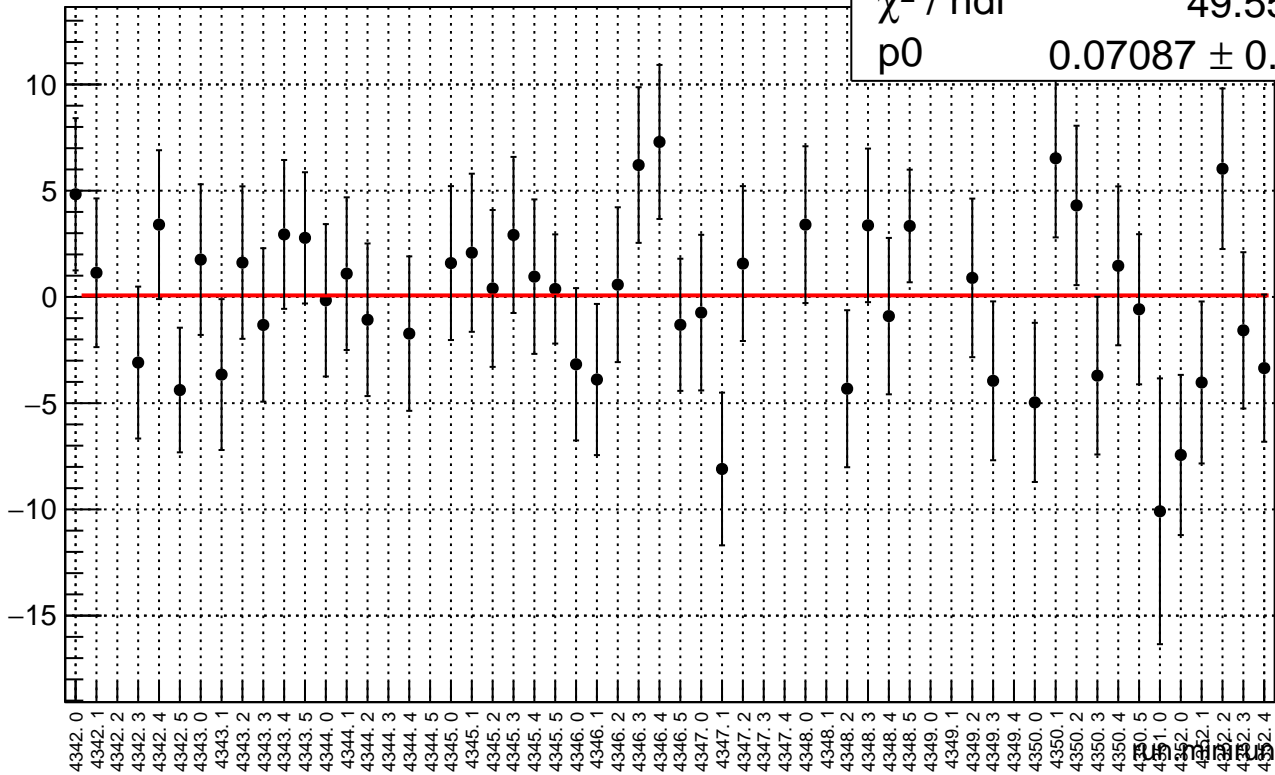
reg\_asym\_atl1\_rms/ppm



reg\_asym\_atl2\_mean/ppm

$\chi^2 / \text{nfd}$  49.55 / 48  
p0 0.07087  $\pm$  0.5068

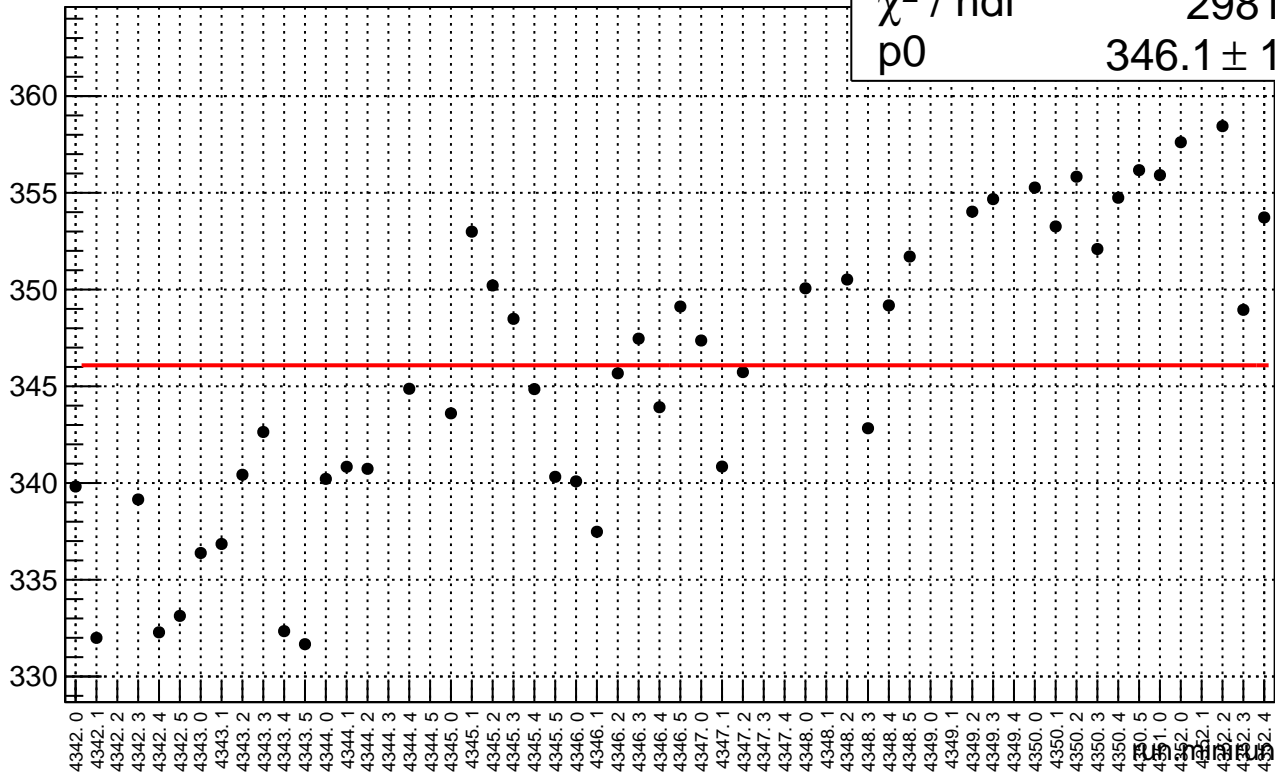
reg\_asym\_atl2\_mean/ppm



reg\_asym\_atl2\_rms/ppm

$\chi^2 / \text{ndf}$  2981 / 48  
p0  $346.1 \pm 1.126$

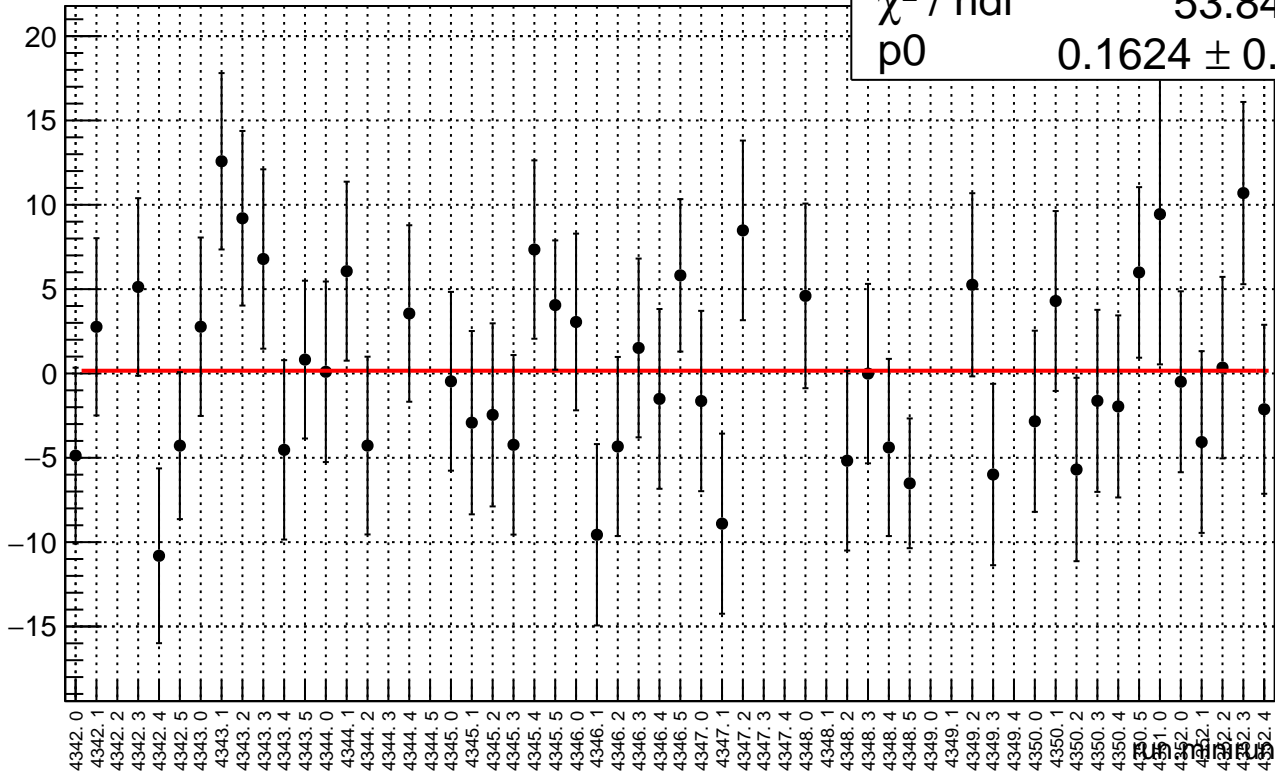
reg\_asym\_atl2\_rms/ppm



reg\_asym\_atr1\_mean/ppm

$\chi^2 / \text{ndf}$  53.84 / 48  
p0 0.1624 ± 0.7411

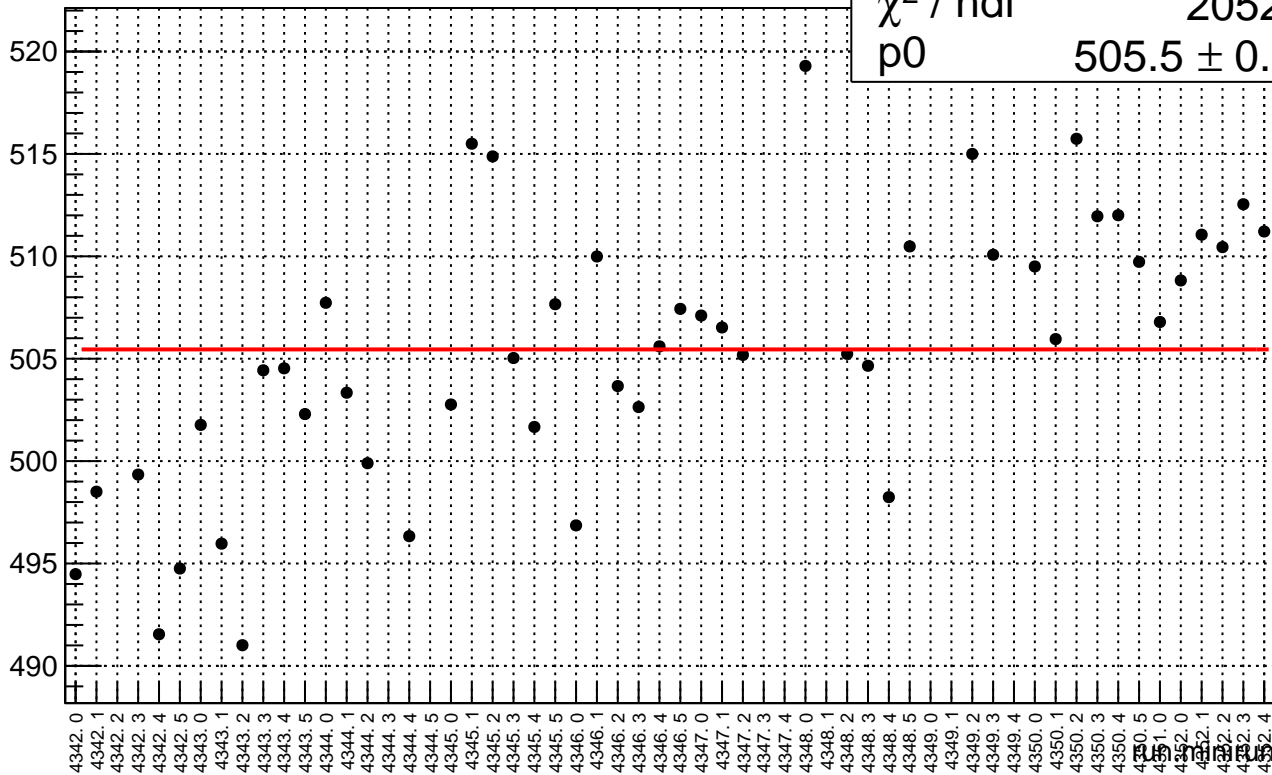
reg\_asym\_atr1\_mean/ppm



reg\_asym\_atr1\_rms/ppm

reg\_asym\_atr1\_rms/ppm

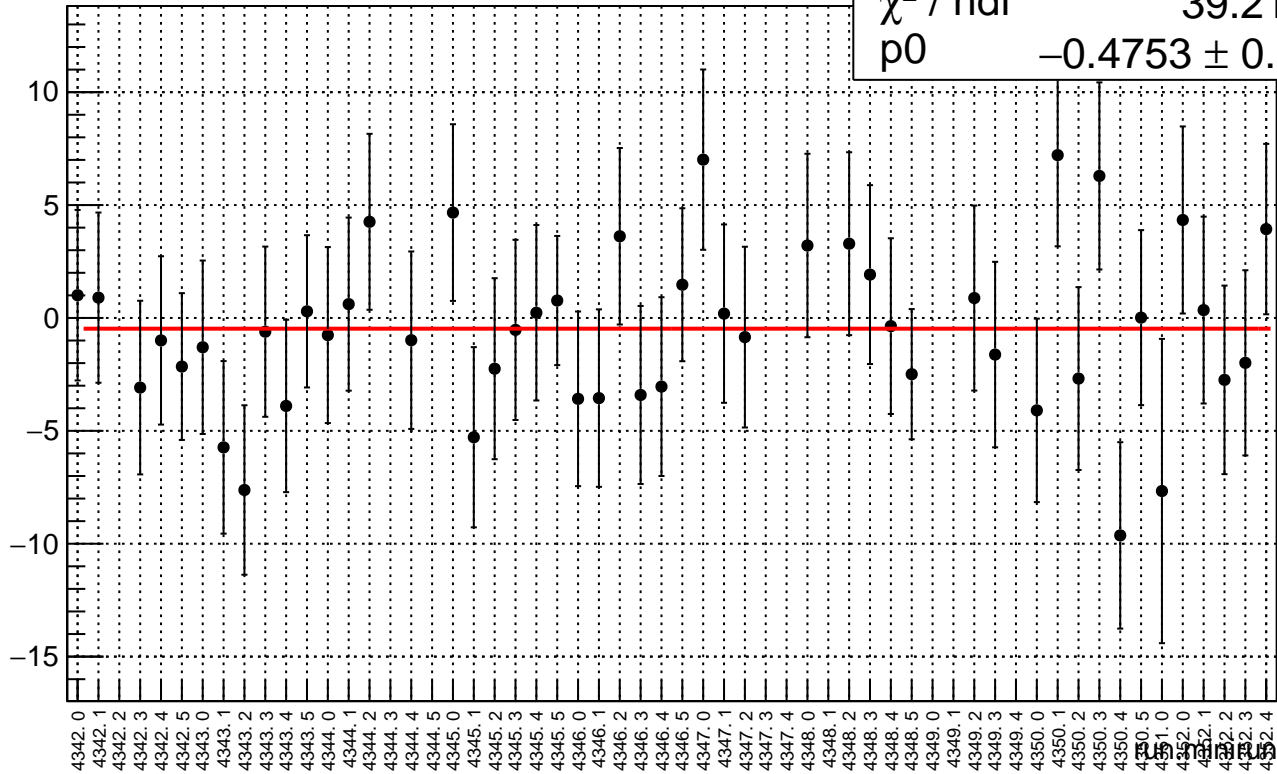
$\chi^2 / \text{ndf}$  2052 / 48  
p0 505.5 ± 0.9342



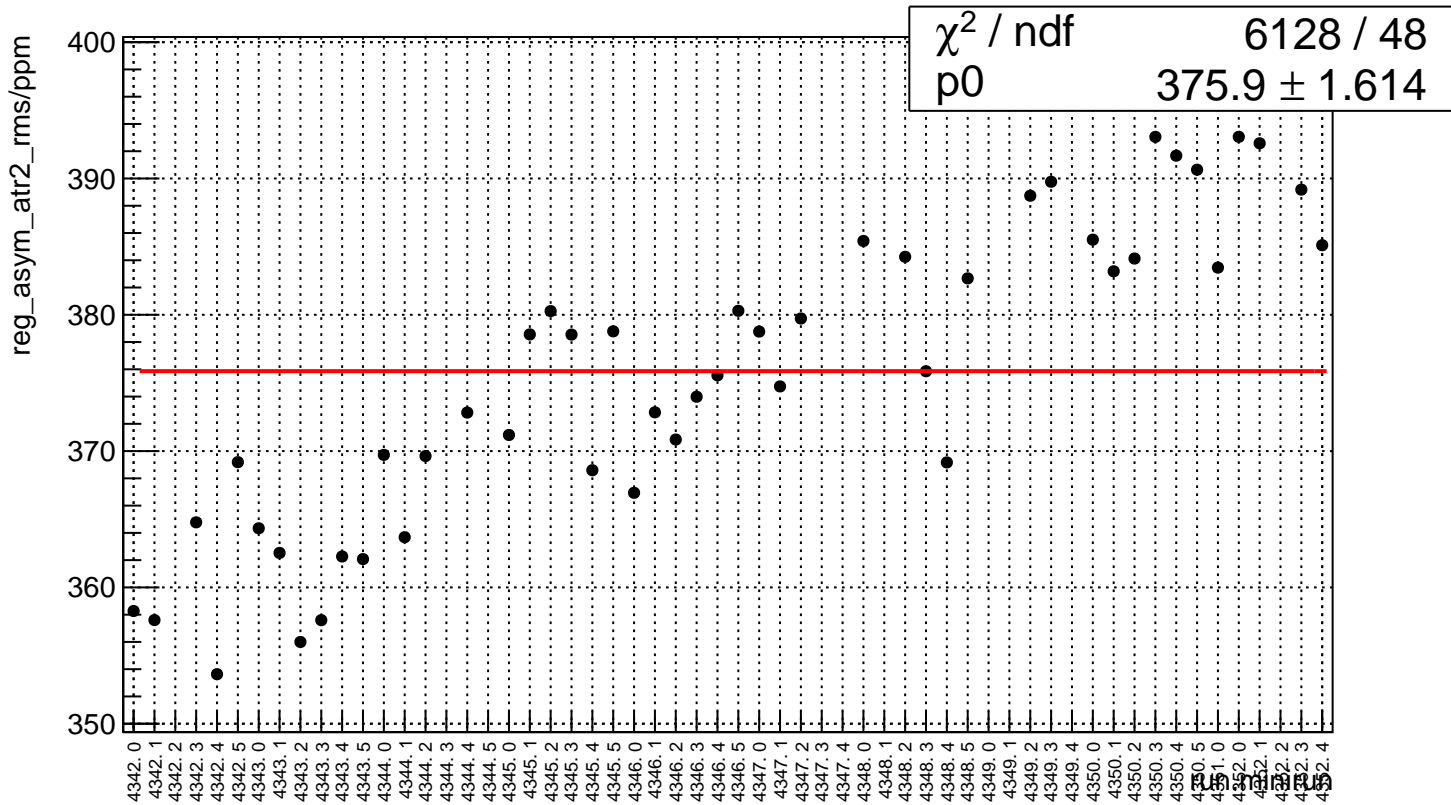
reg\_asym\_atr2\_mean/ppm

$\chi^2 / \text{ndf}$  39.21 / 48  
p0  $-0.4753 \pm 0.5506$

reg\_asym\_atr2\_mean/ppm



## reg\_asym\_atr2\_rms/ppm

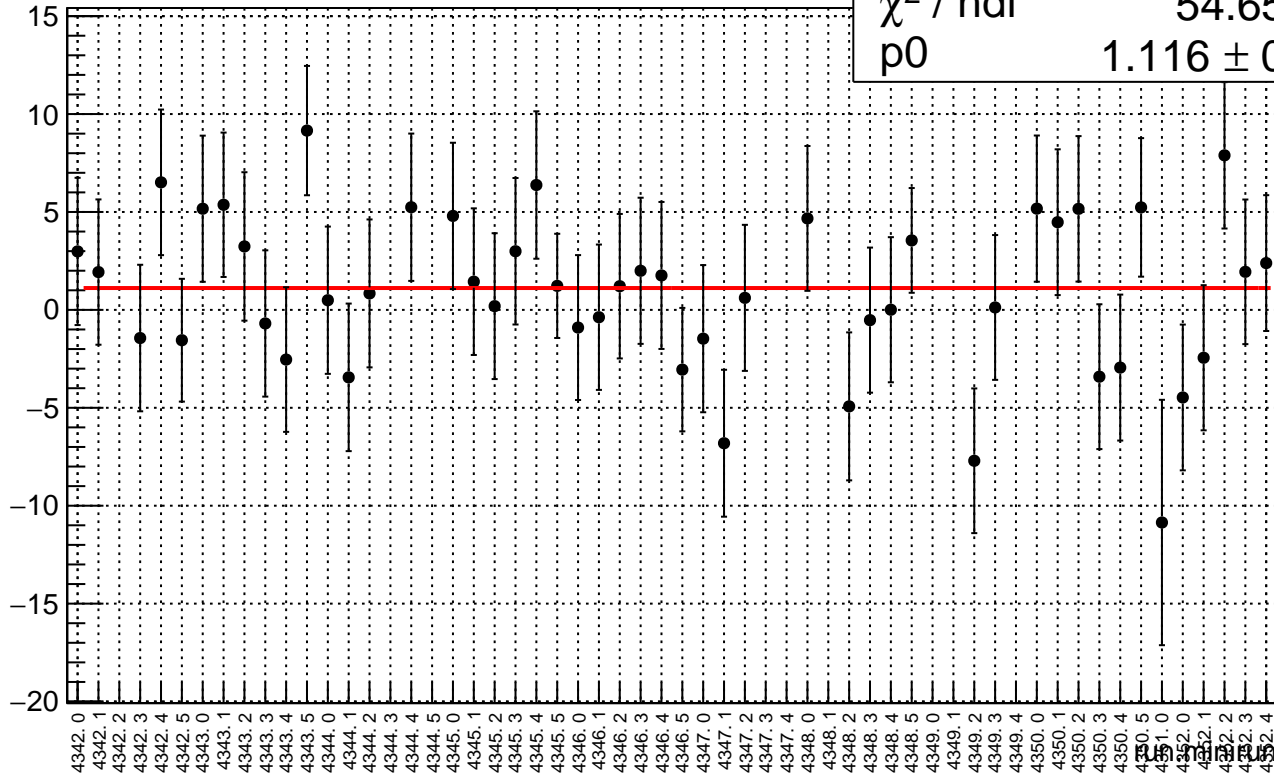




reg\_asym\_atl\_avg\_mean/ppm

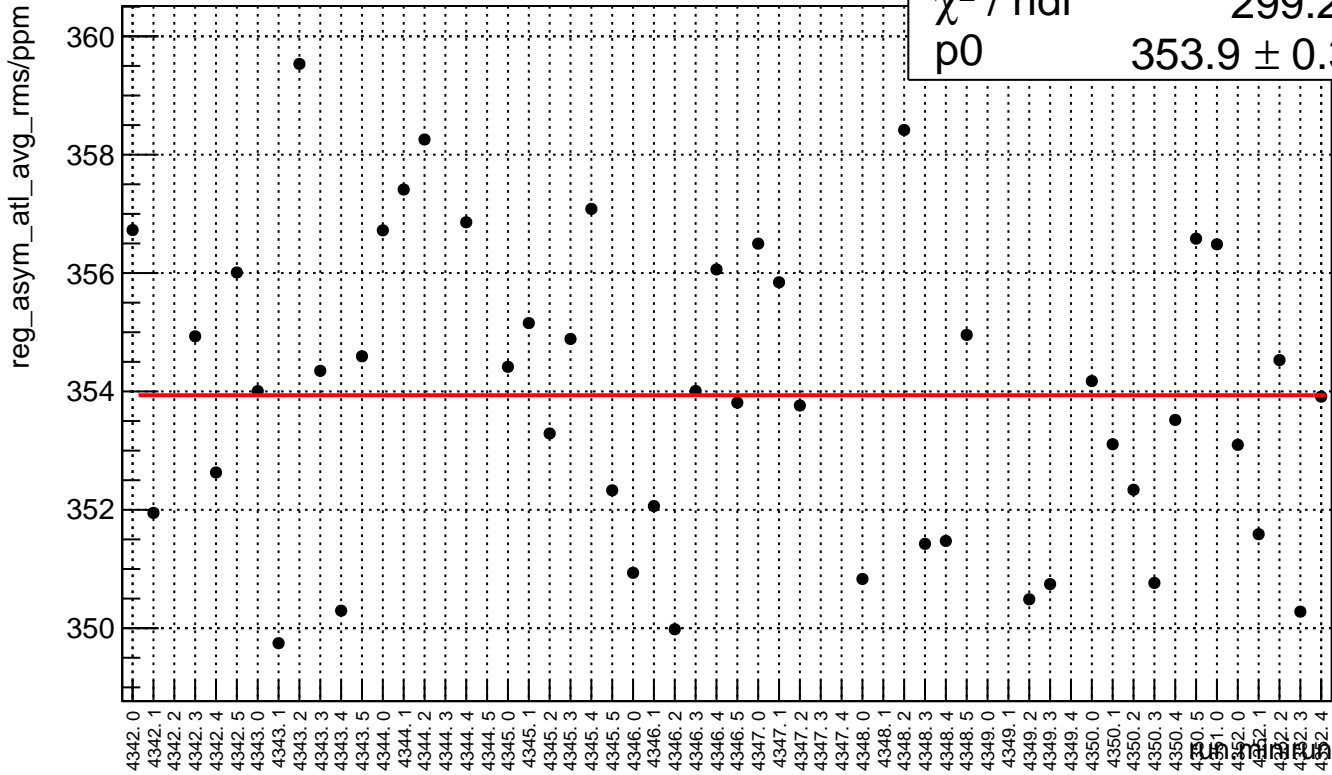
$\chi^2 / \text{ndf}$  54.65 / 48  
p0  $1.116 \pm 0.519$

reg\_asym\_atl\_avg\_mean/ppm



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

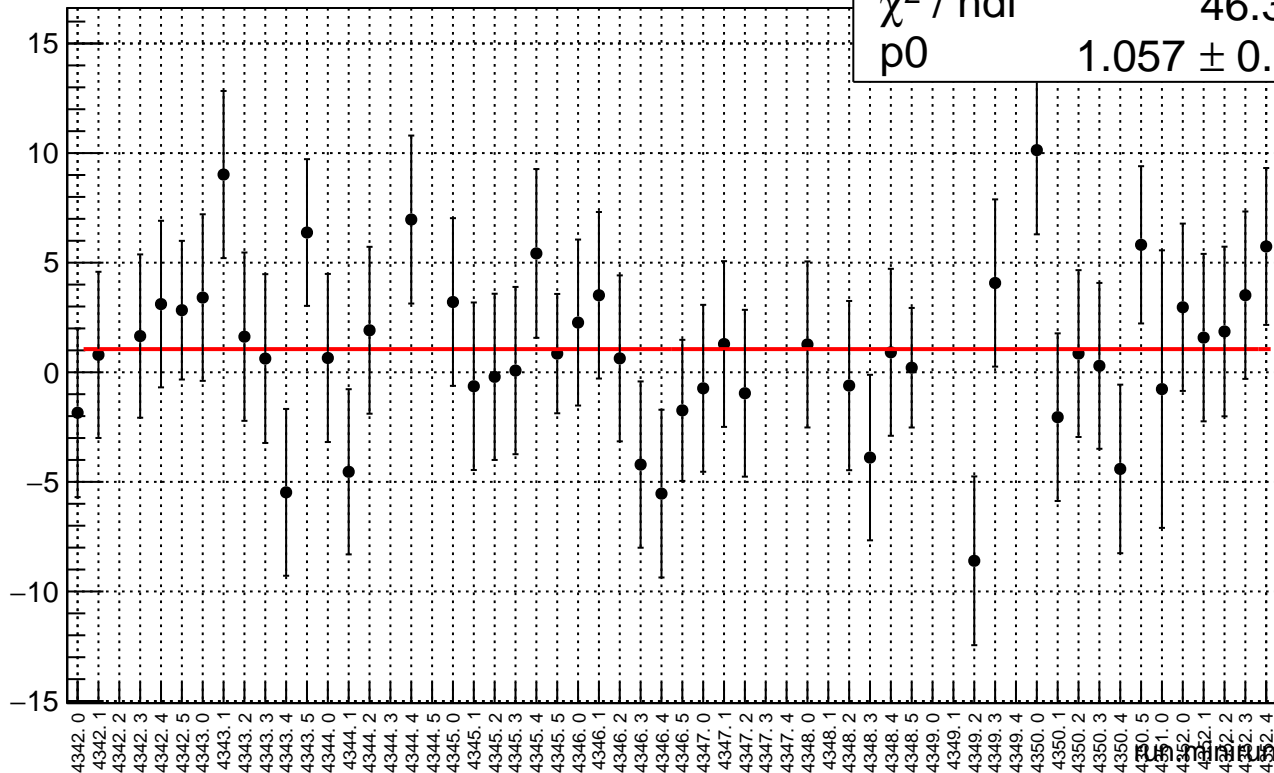
$\chi^2 / \text{ndf}$  299.2 / 48  
 p0  $353.9 \pm 0.3566$



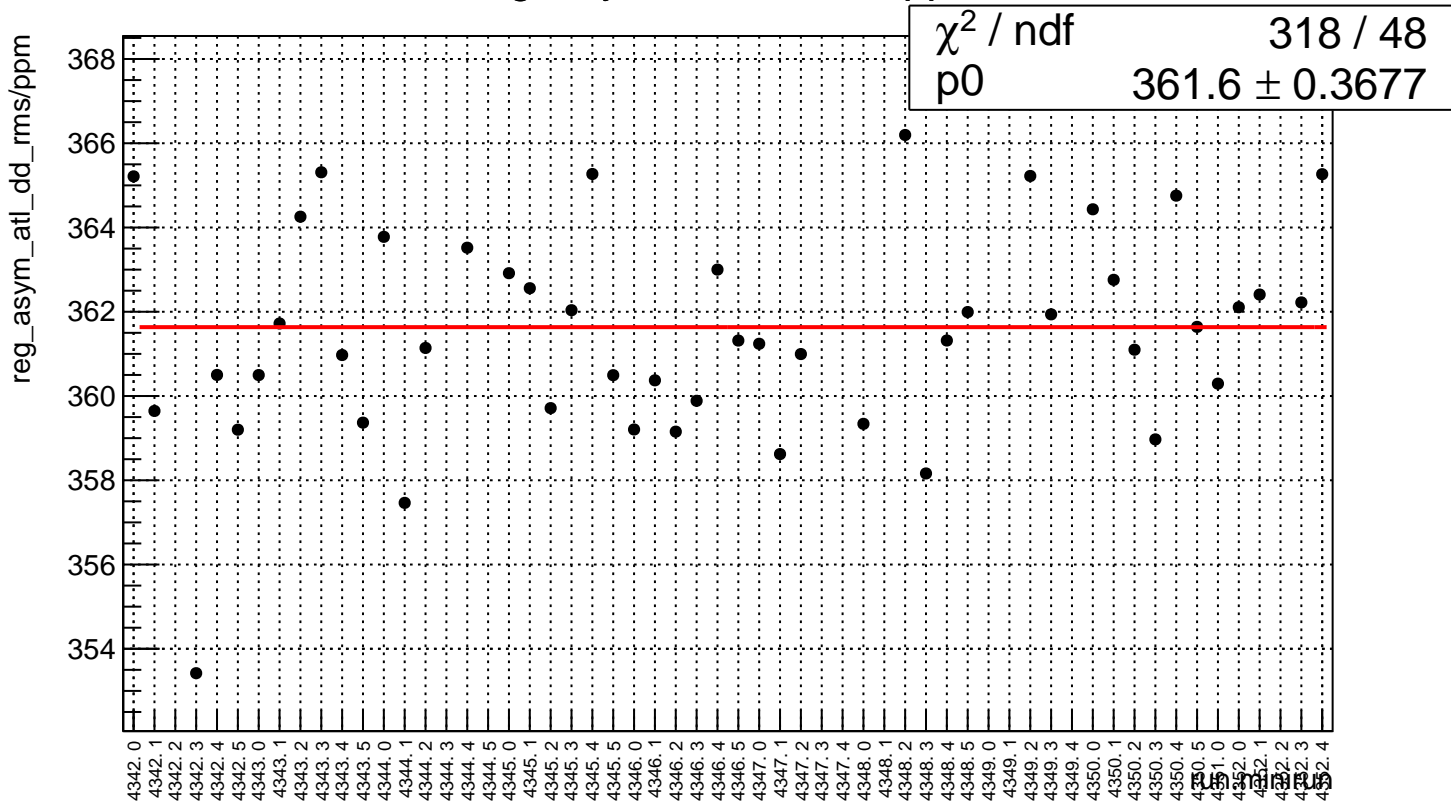
reg\_asym\_atl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  46.3 / 48  
p0 1.057 ± 0.5303

reg\_asym\_atl\_dd\_mean/ppm



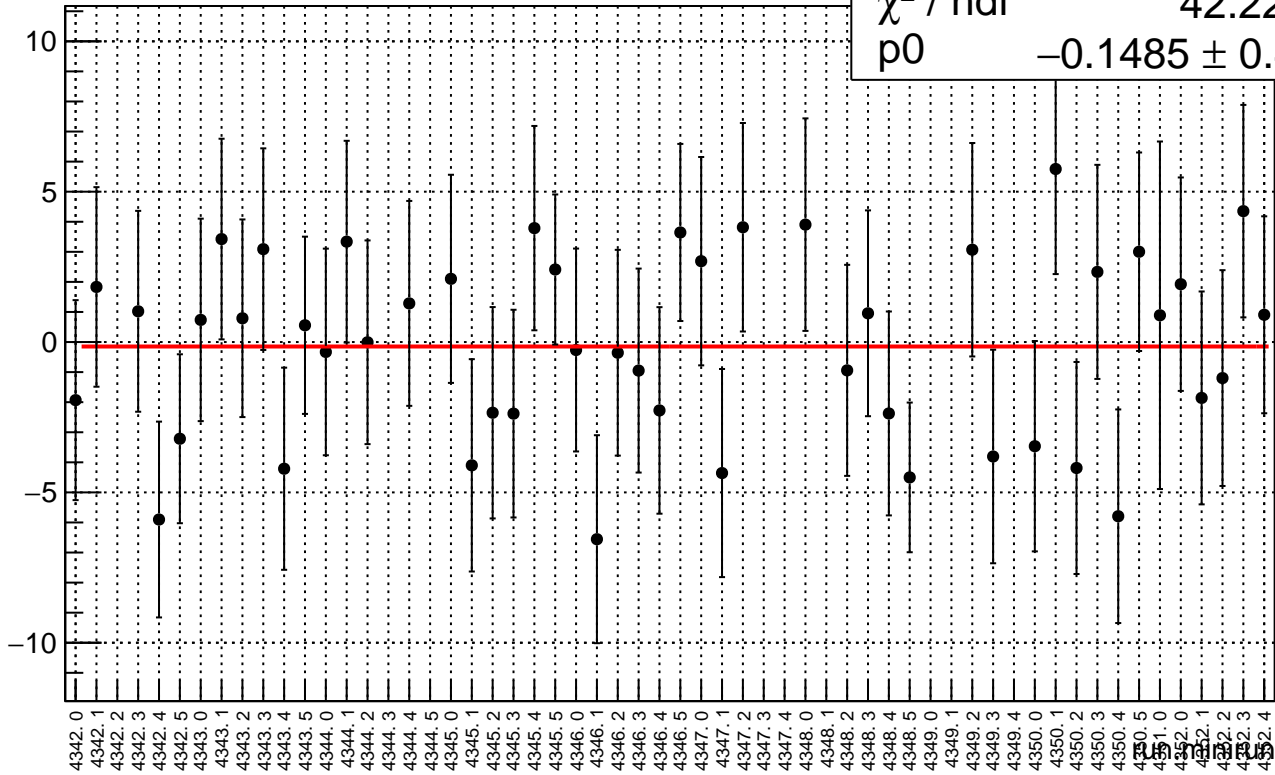
## reg\_asym\_atl\_dd\_rms/ppm



reg\_asym\_atr\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  42.22 / 48  
p0  $-0.1485 \pm 0.4789$

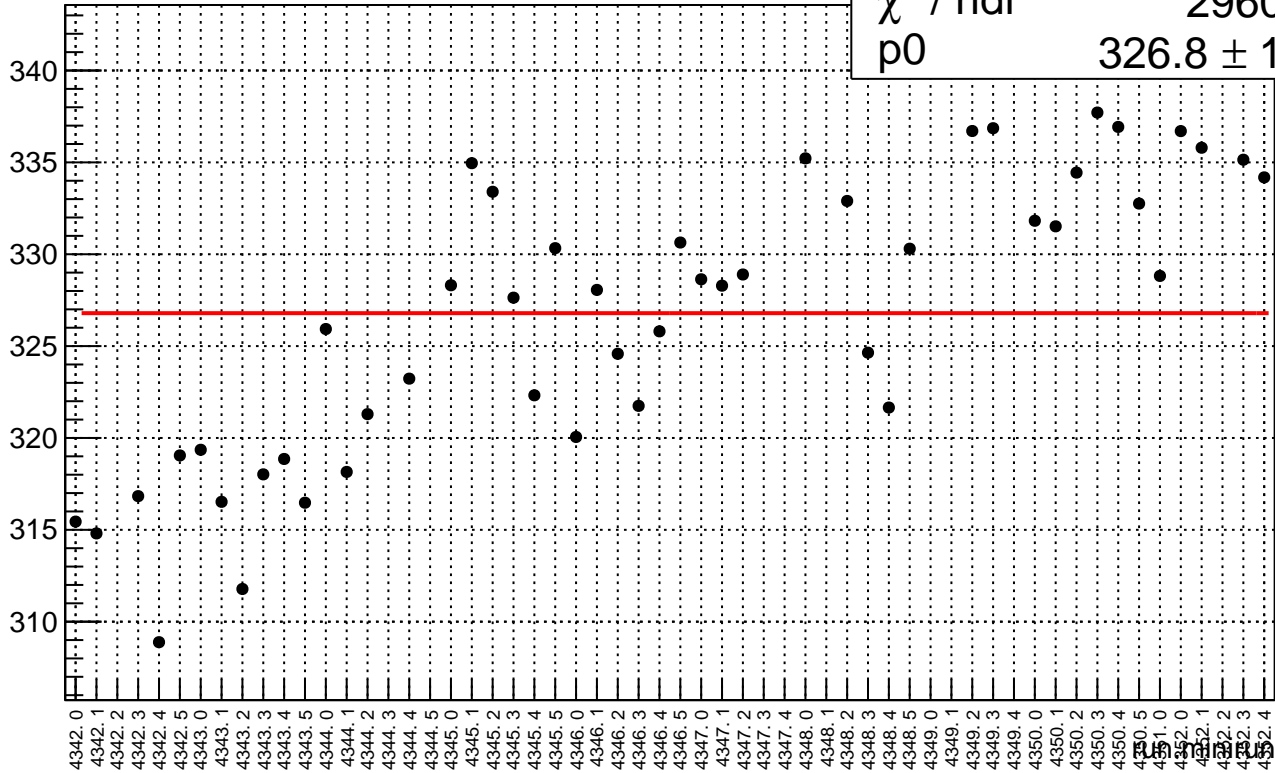
reg\_asym\_atr\_avg\_mean/ppm



reg\_asym\_atr\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  2960 / 48  
p0  $326.8 \pm 1.122$

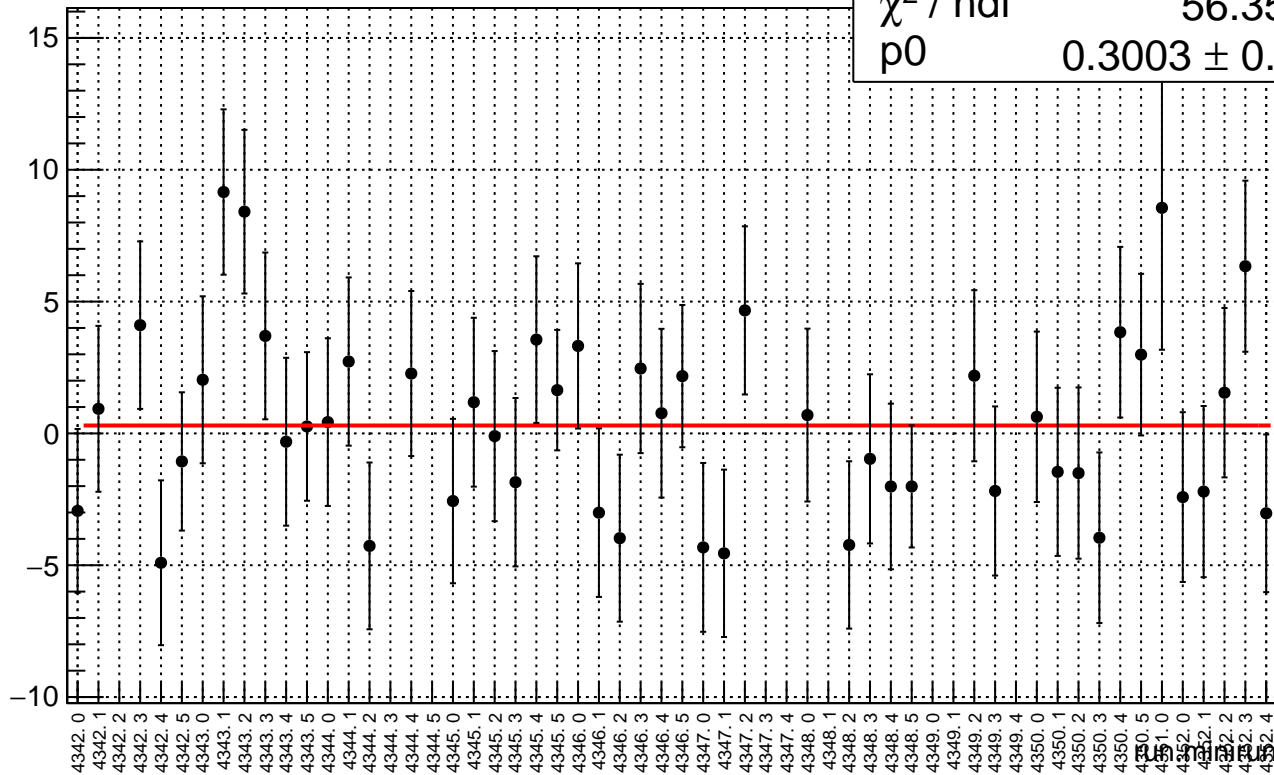
reg\_asym\_atr\_avg\_rms/ppm



reg\_asym\_atr\_dd\_mean/ppm

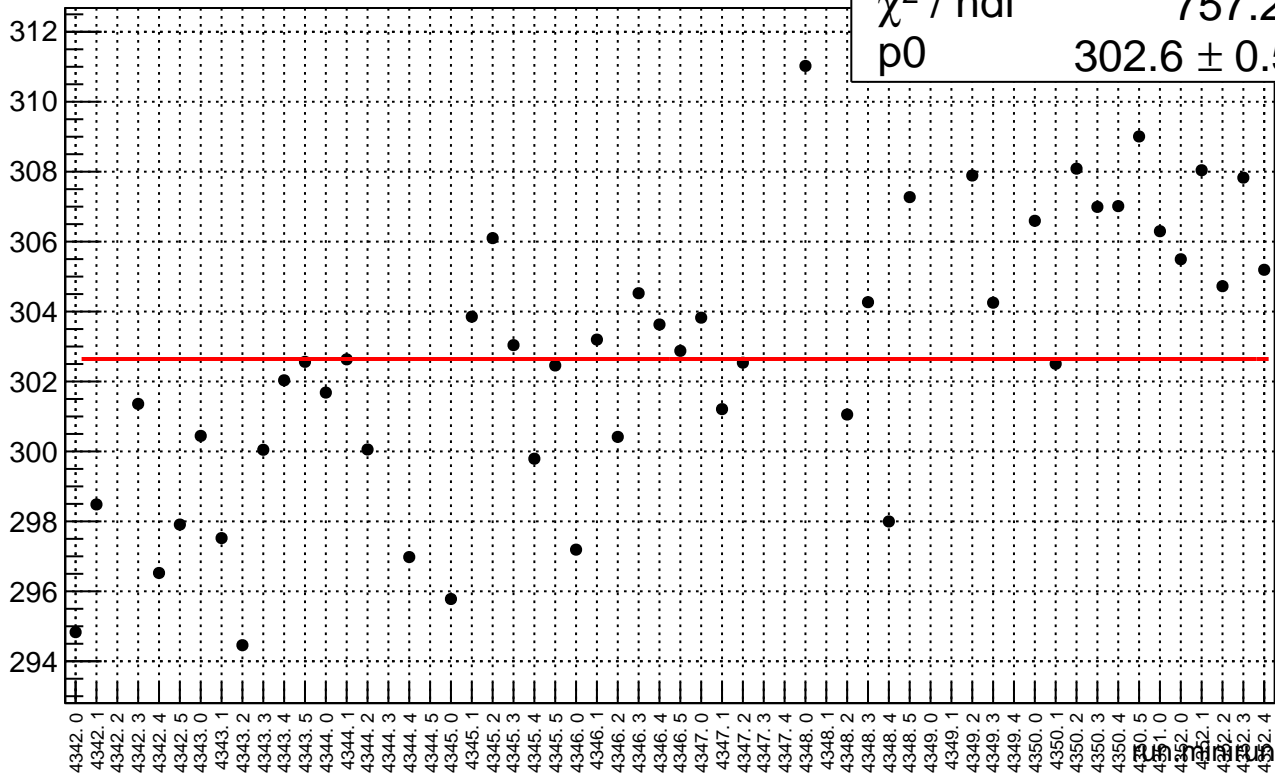
$\chi^2 / \text{ndf}$  56.35 / 48  
p0  $0.3003 \pm 0.4437$

reg\_asym\_atr\_dd\_mean/ppm



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

reg\_asym\_atr\_dd\_rms/ppm



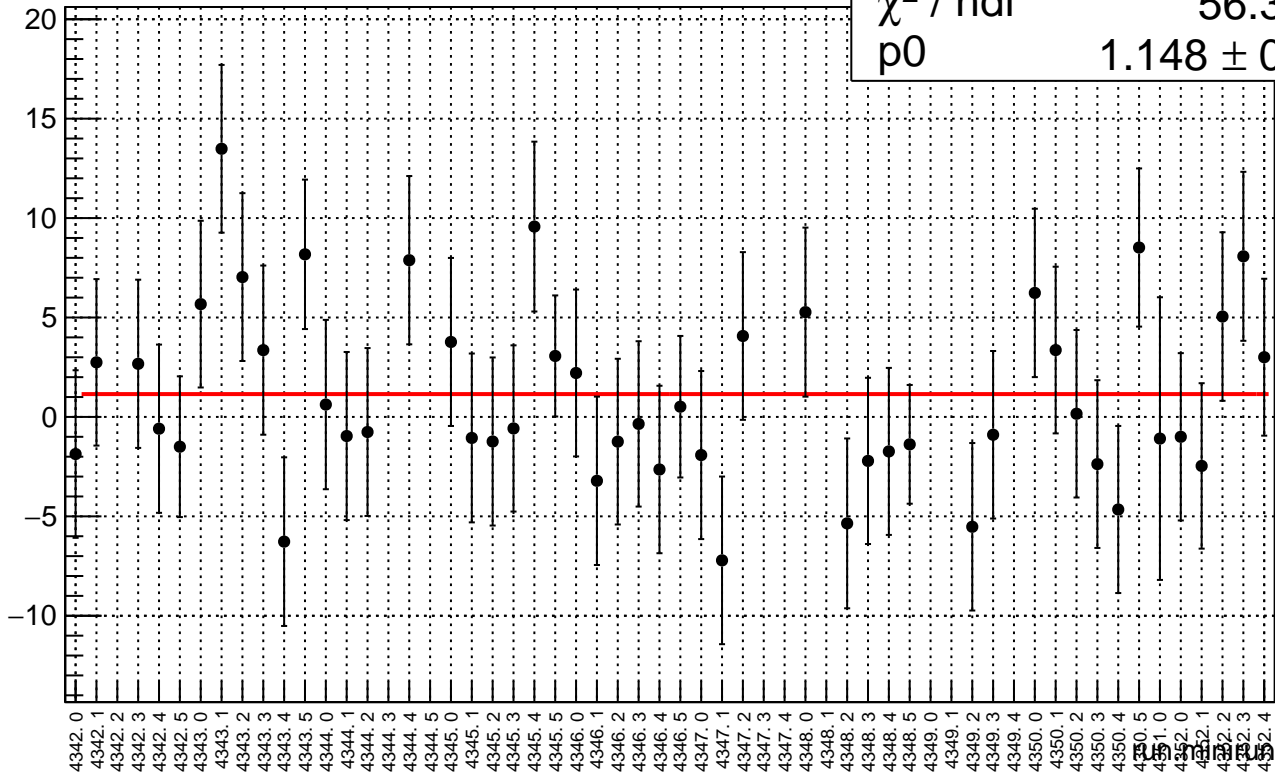
$\chi^2 / \text{ndf}$  757.2 / 48  
 $p_0$  302.6  $\pm$  0.5674



reg\_asym\_at1\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  56.3 / 48  
p0  $1.148 \pm 0.587$

reg\_asym\_at1\_avg\_mean/ppm



reg\_asym\_at1\_avg\_rms/ppm

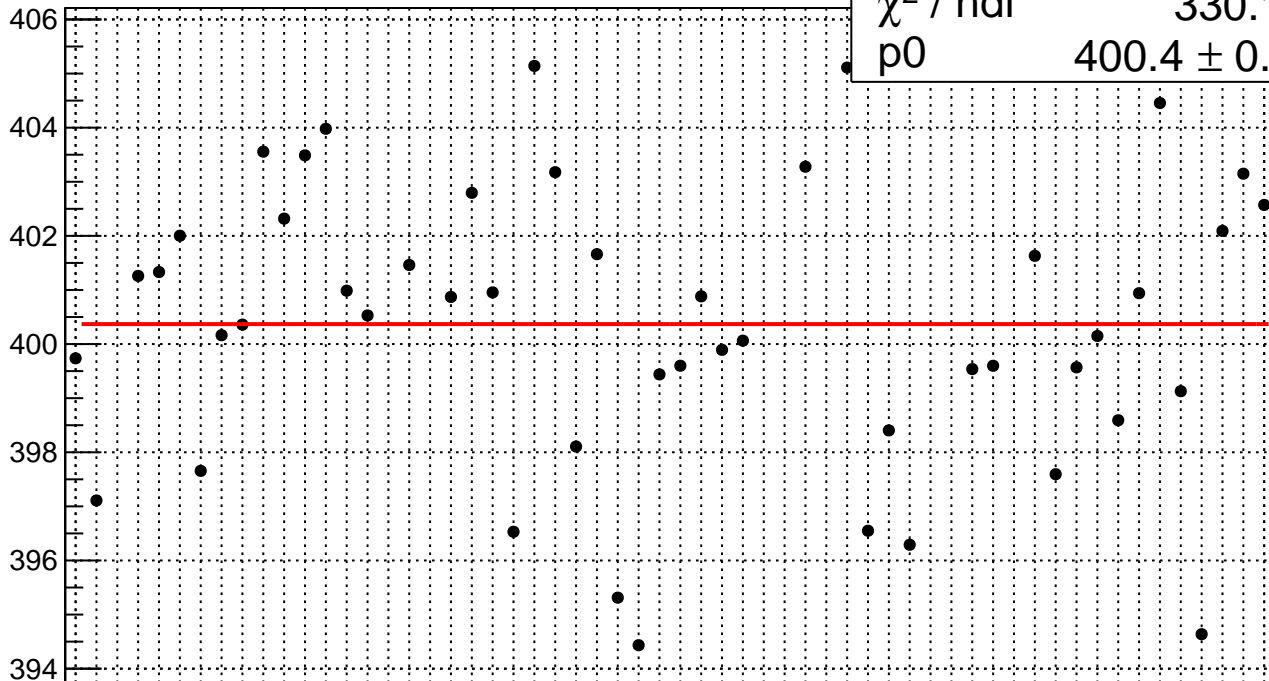
$\chi^2 / \text{ndf}$

330.1 / 48

p0

$400.4 \pm 0.3746$

reg\_asym\_at1\_avg\_rms/ppm

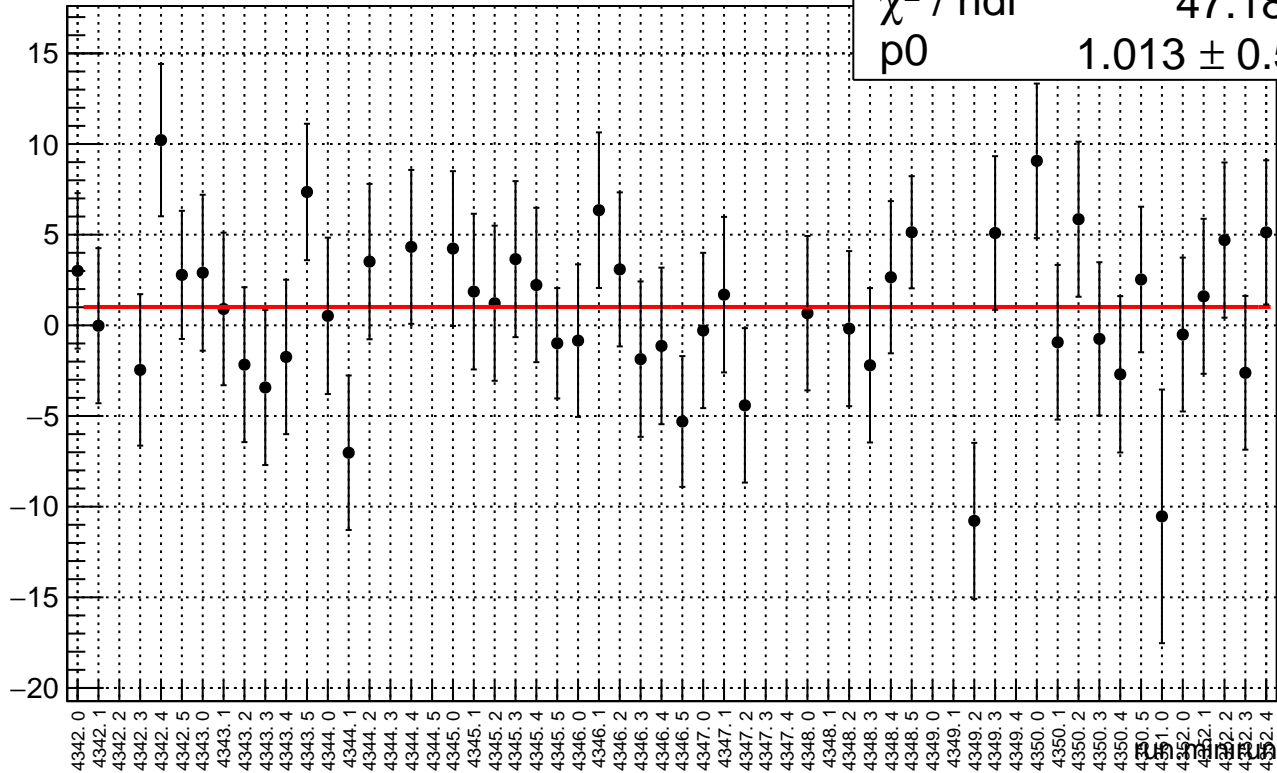


4342.0  
4342.1  
4342.2  
4342.3  
4342.4  
4342.5  
4343.0  
4343.1  
4343.2  
4343.3  
4343.4  
4343.5  
4344.0  
4344.1  
4344.2  
4344.3  
4344.4  
4344.5  
4345.0  
4345.1  
4345.2  
4345.3  
4345.4  
4345.5  
4346.0  
4346.1  
4346.2  
4346.3  
4346.4  
4346.5  
4347.0  
4347.1  
4347.2  
4347.3  
4347.4  
4348.0  
4348.1  
4348.2  
4348.3  
4348.4  
4348.5  
4349.0  
4349.1  
4349.2  
4349.3  
4349.4  
4350.0  
4350.1  
4350.2  
4350.3  
4350.4  
4350.5  
4351.0  
4352.0  
4352.1  
4352.2  
4352.3  
4352.4

reg\_asym\_at1\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  47.18 / 48  
p0  $1.013 \pm 0.5933$

reg\_asym\_at1\_dd\_mean/ppm

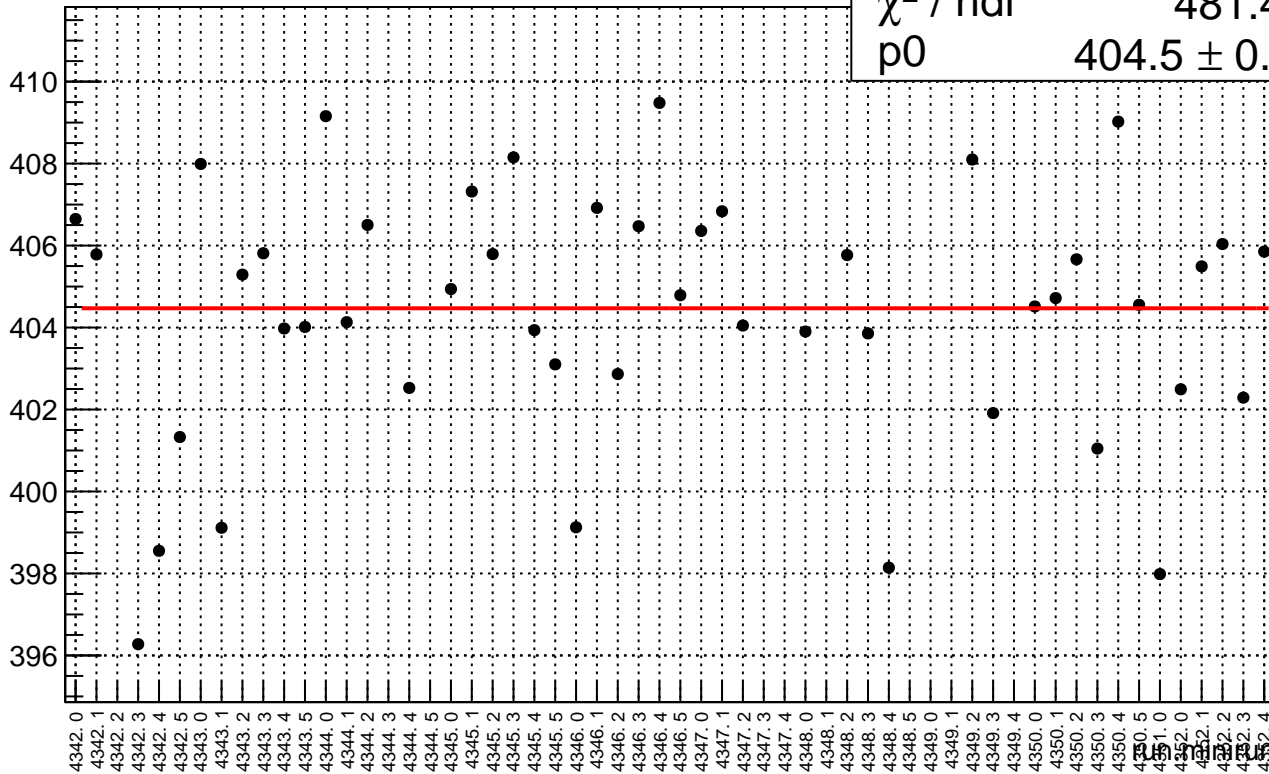


reg\_asym\_at1\_dd\_rms/ppm

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

481.4 / 48  
 $404.5 \pm 0.4524$

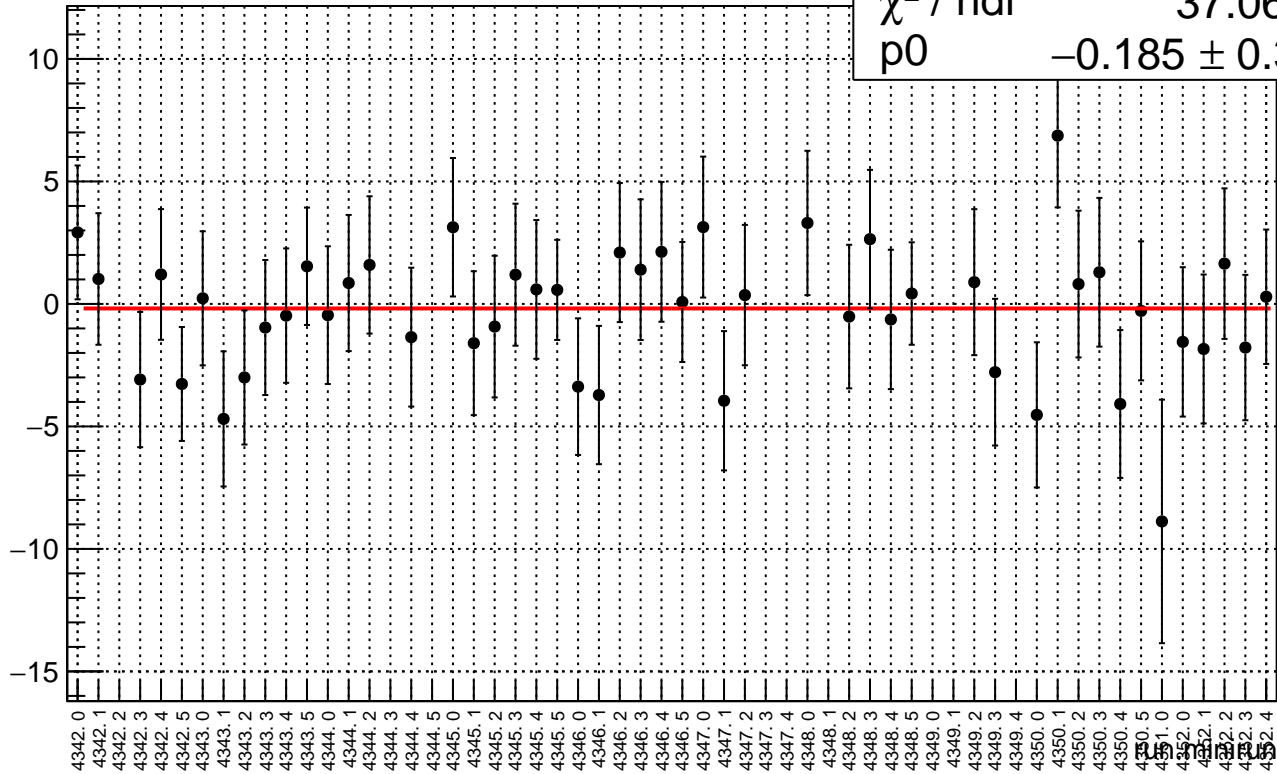
reg\_asym\_at1\_dd\_rms/ppm



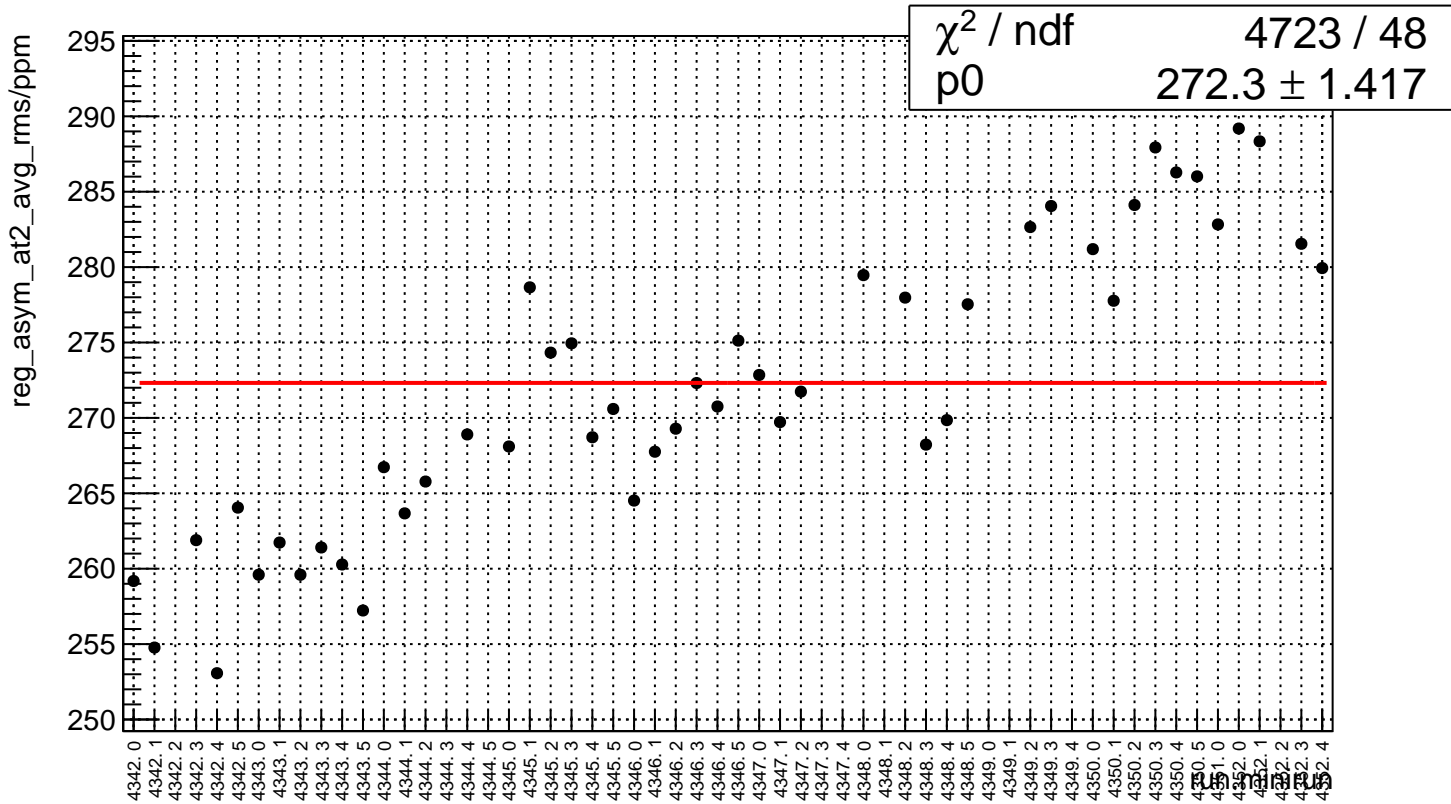
reg\_asym\_at2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  37.06 / 48  
p0  $-0.185 \pm 0.3984$

reg\_asym\_at2\_avg\_mean/ppm



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

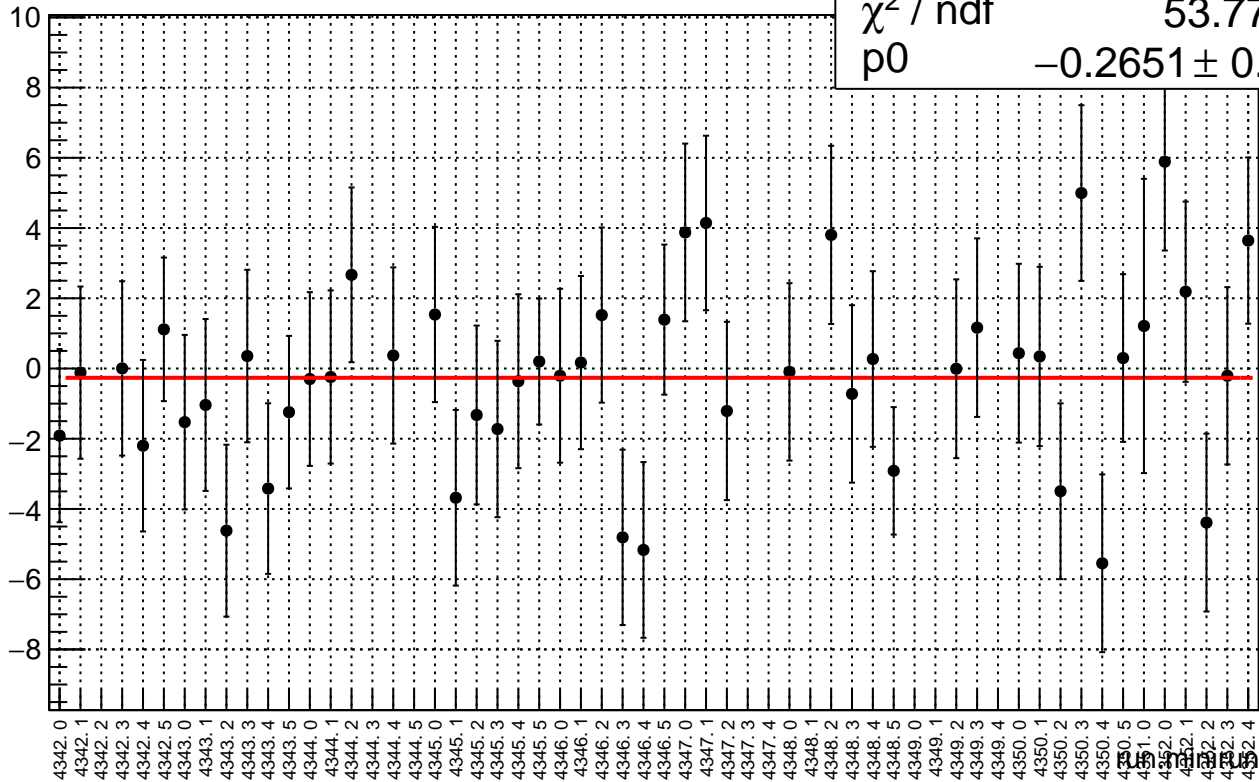


reg\_asym\_at2\_dd\_mean/ppm

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

53.77 / 48  
 $-0.2651 \pm 0.3481$

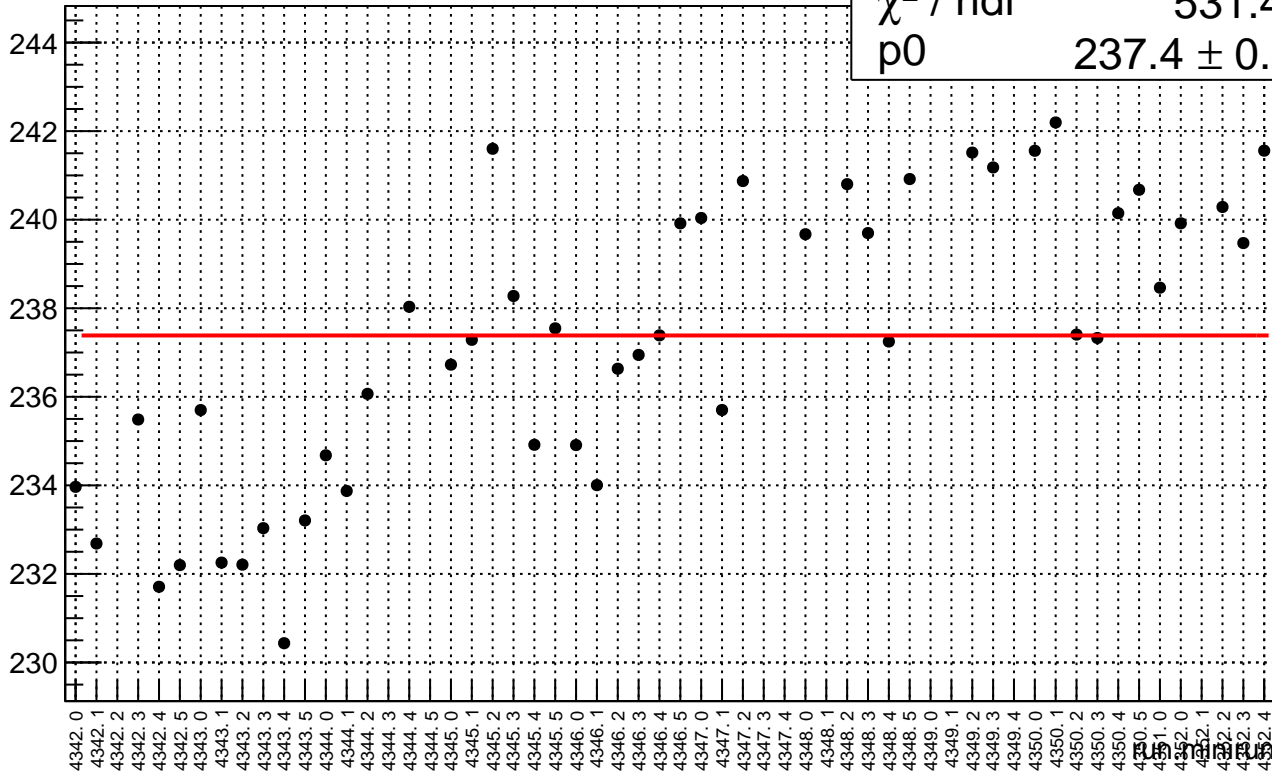
reg\_asym\_at2\_dd\_mean/ppm



reg\_asym\_at2\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  531.4 / 48  
p0 237.4 ± 0.4753

reg\_asym\_at2\_dd\_rms/ppm

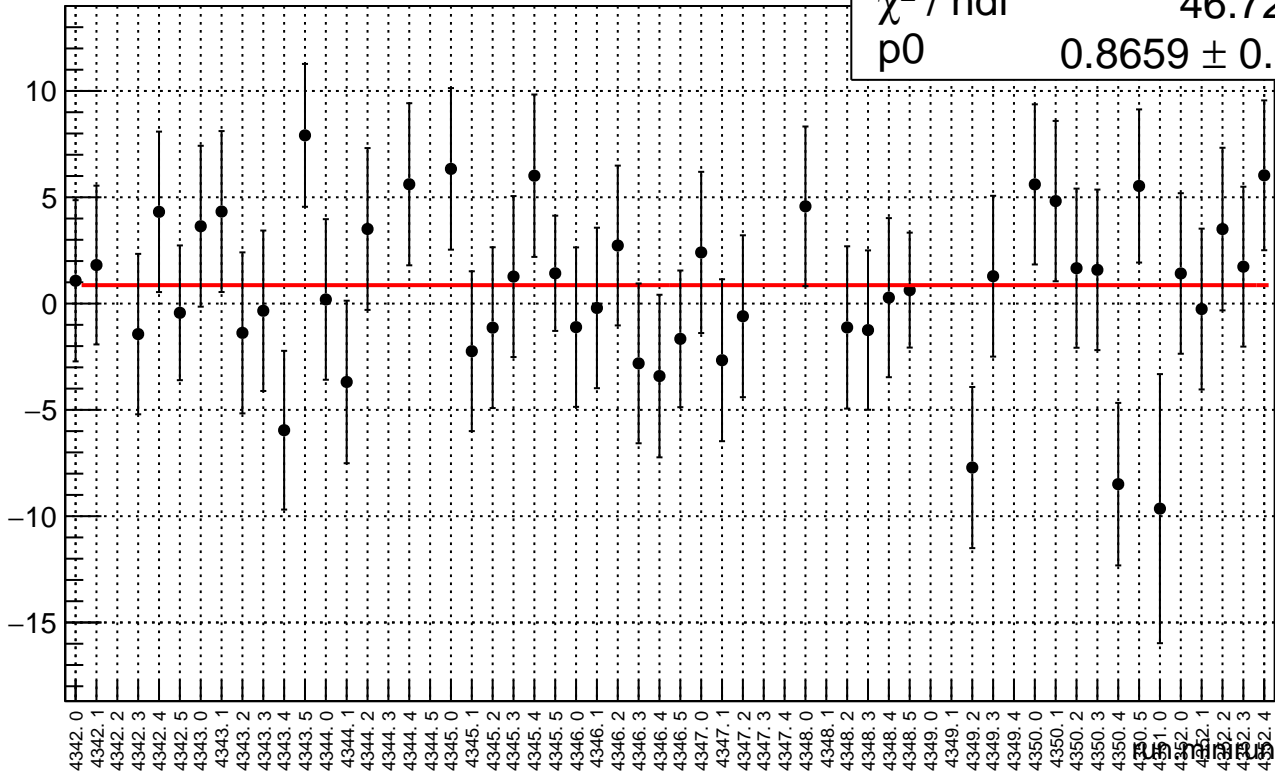




# reg\_asym\_atl1r2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  46.72 / 48  
 p0  $0.8659 \pm 0.5264$

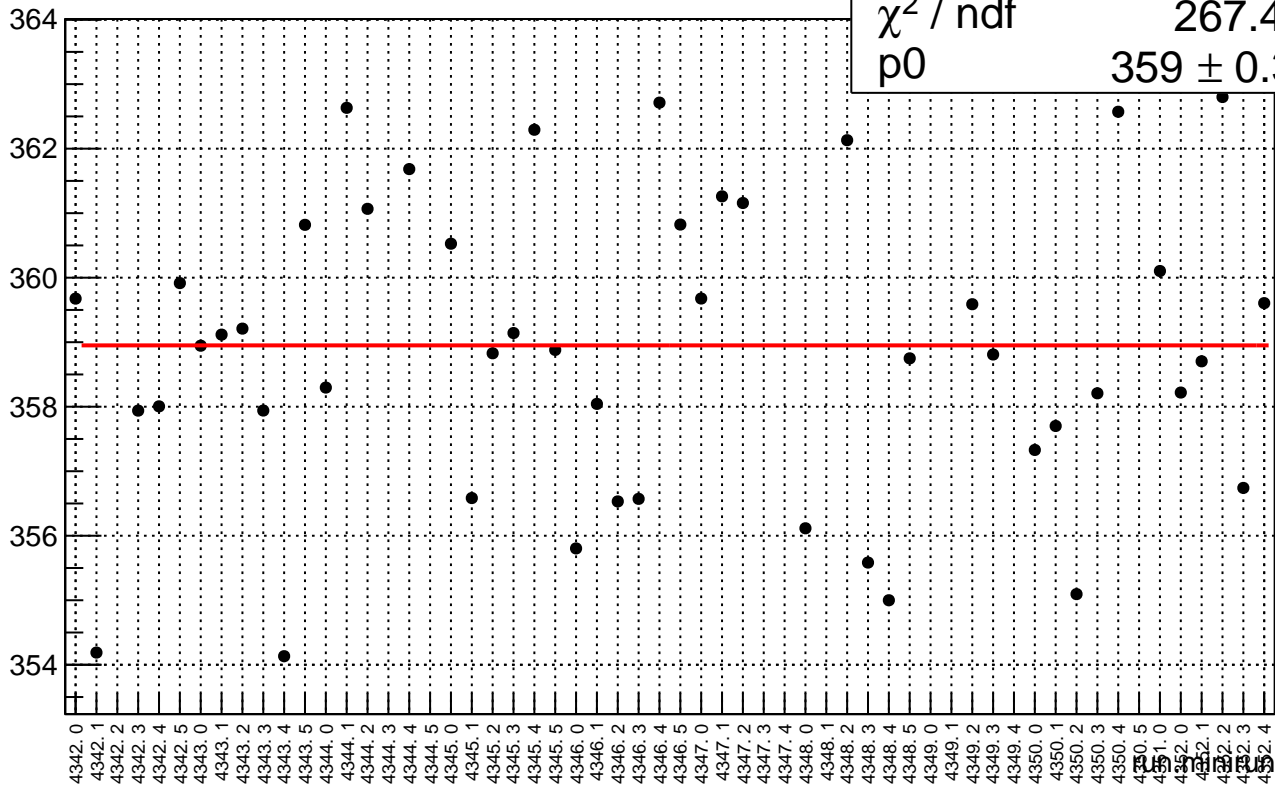
reg\_asym\_atl1r2\_avg\_mean/ppm



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

reg\_asym\_atl1r2\_avg\_rms/ppm

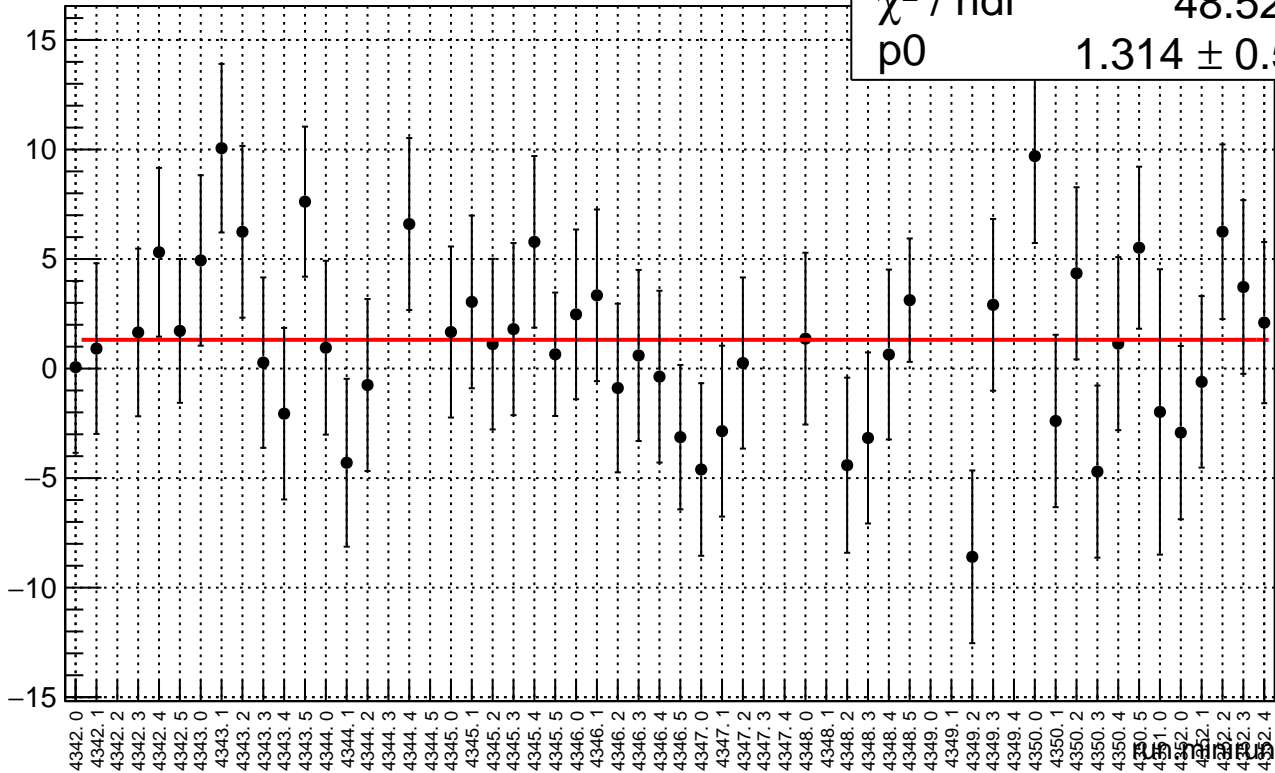
$\chi^2 / \text{ndf}$  267.4 / 48  
 p0  $359 \pm 0.3372$



reg\_asym\_atl1r2\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  48.52 / 48  
p0  $1.314 \pm 0.5448$

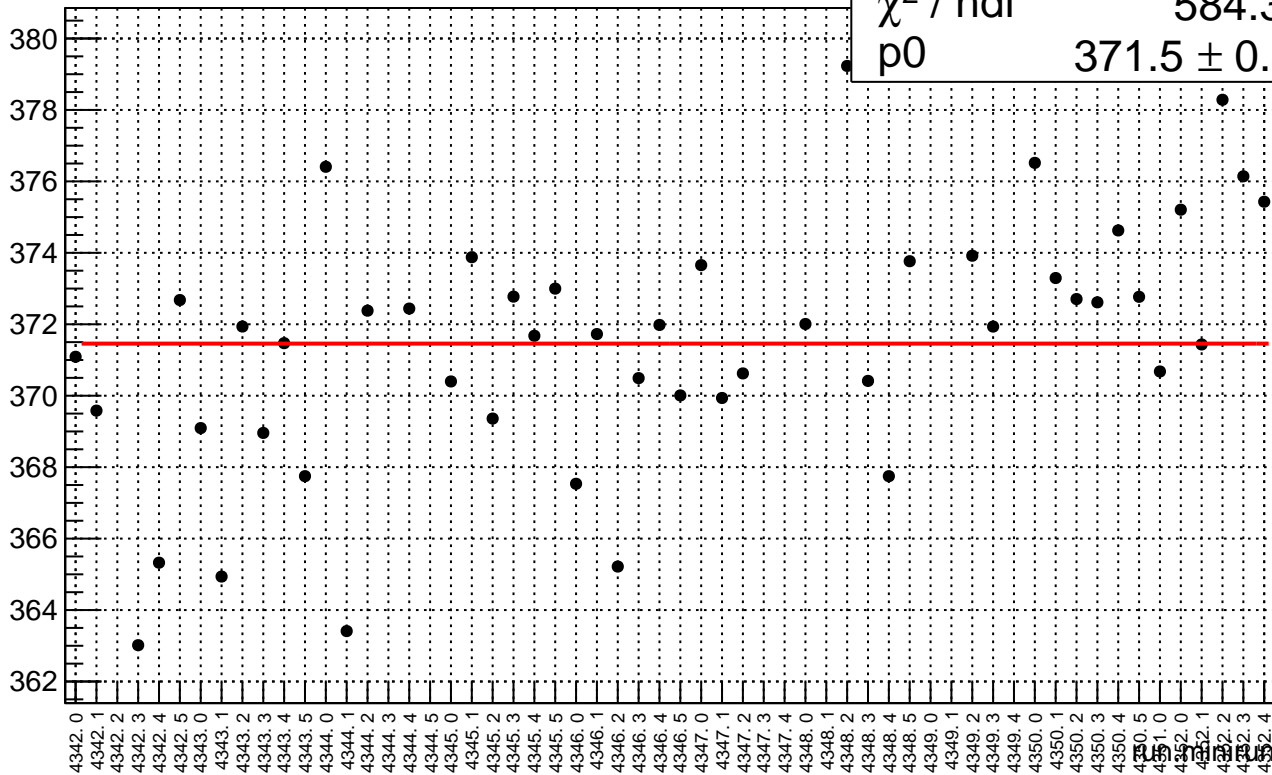
reg\_asym\_atl1r2\_dd\_mean/ppm



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

reg\_asym\_atl1r2\_dd\_rms/ppm

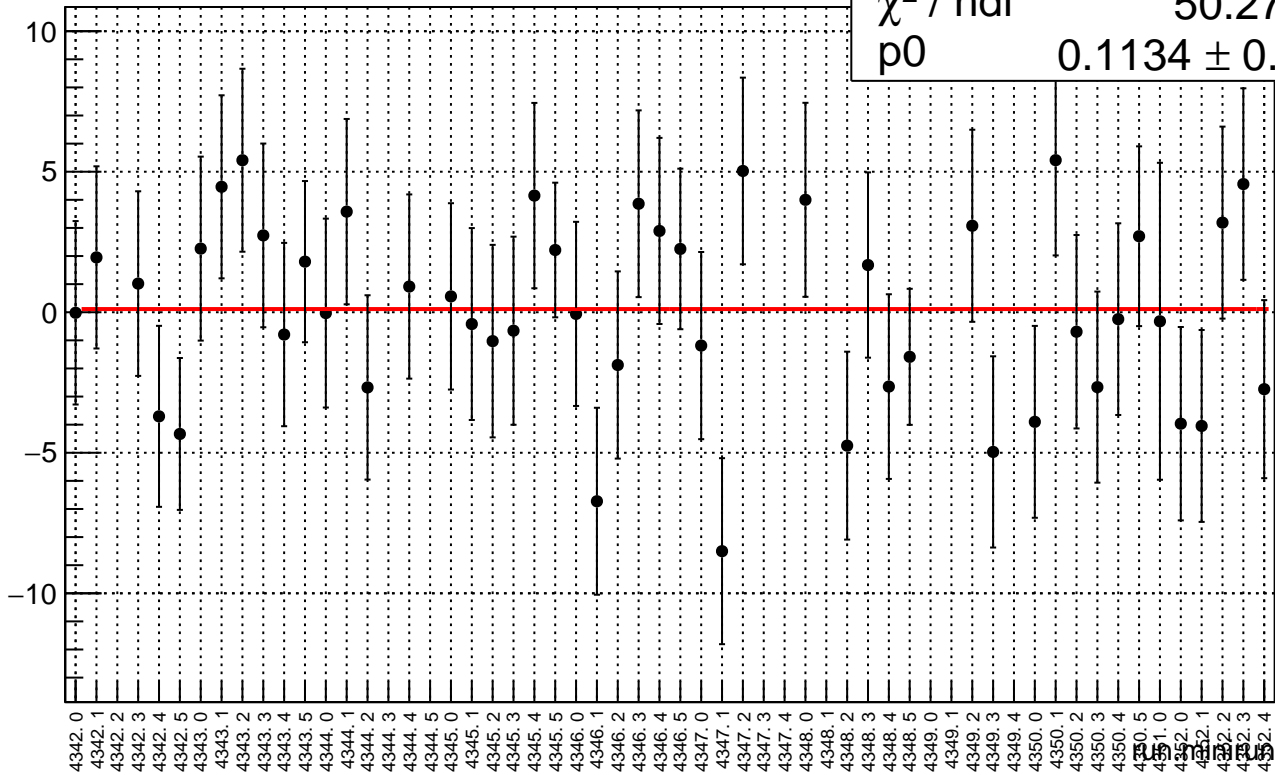
$\chi^2 / \text{ndf}$  584.3 / 48  
 p0 371.5 ± 0.4984



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

$\chi^2 / \text{ndf}$  50.27 / 48  
 p0 0.1134 ± 0.4641

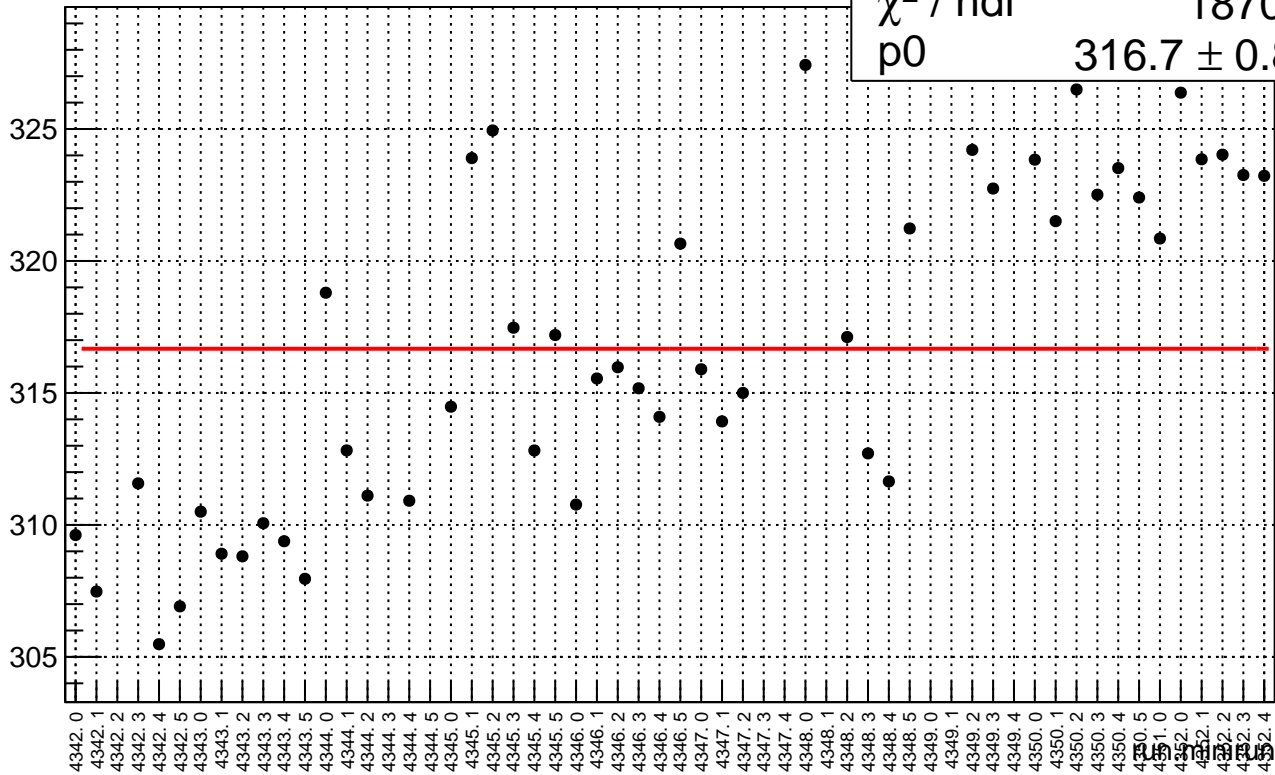
reg\_asym\_atr1l2\_avg\_mean/ppm



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

reg\_asym\_atr1l2\_avg\_rms/ppm

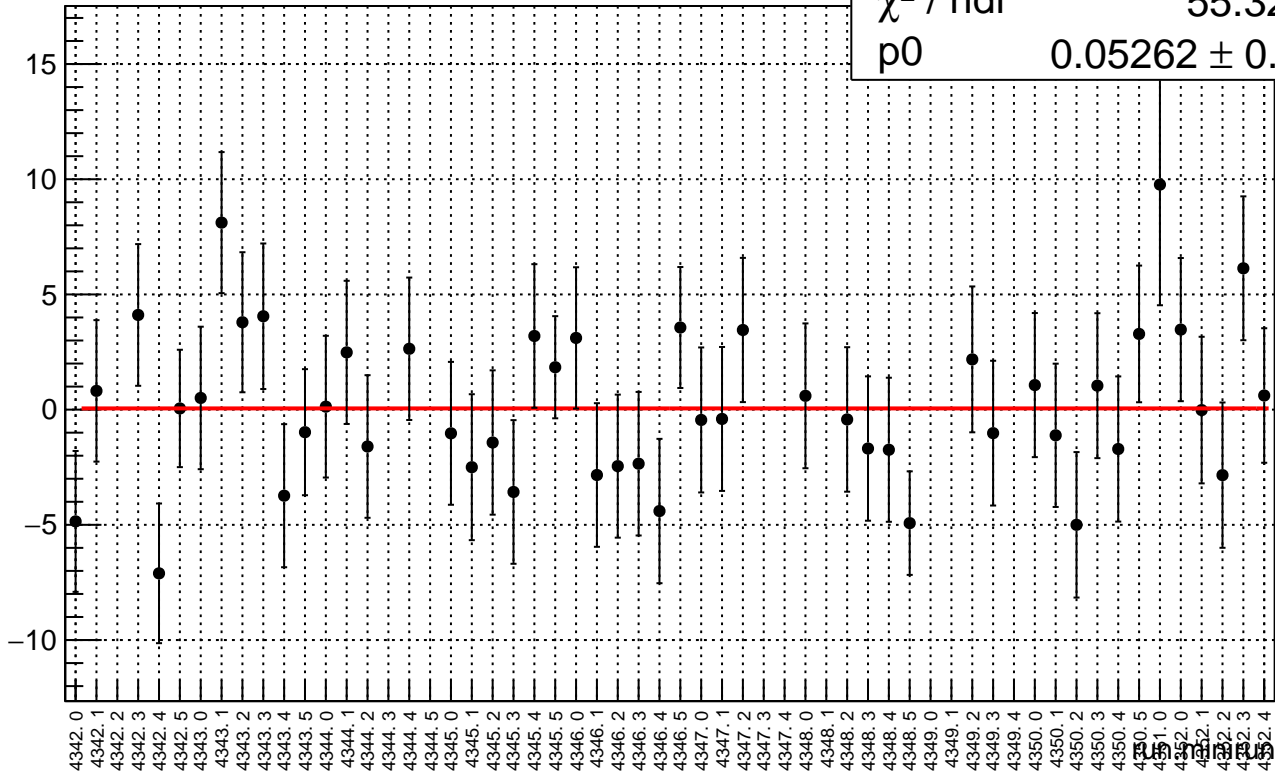
$\chi^2 / \text{ndf}$  1870 / 48  
 p0  $316.7 \pm 0.8918$



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

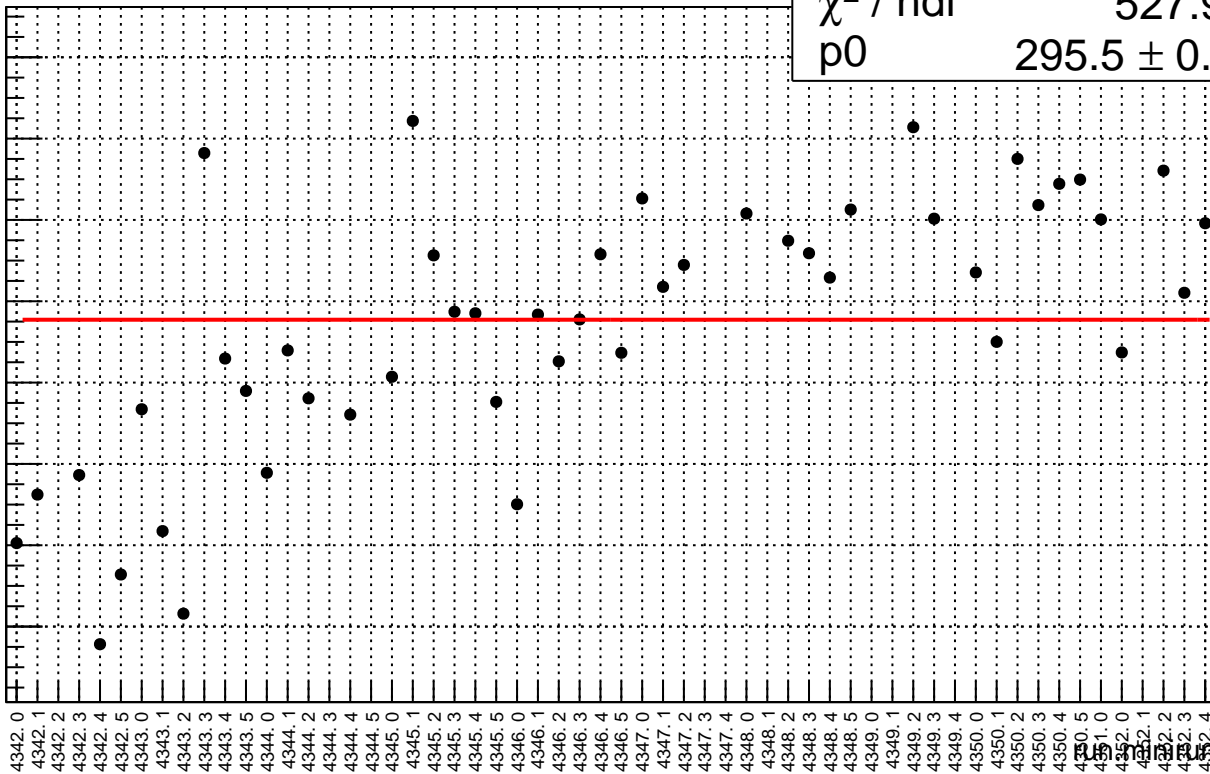
reg\_asym\_atr1l2\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  55.32 / 48  
 p0 0.05262 ± 0.4332



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

reg\_asym\_atr1l2\_dd\_rms/ppm

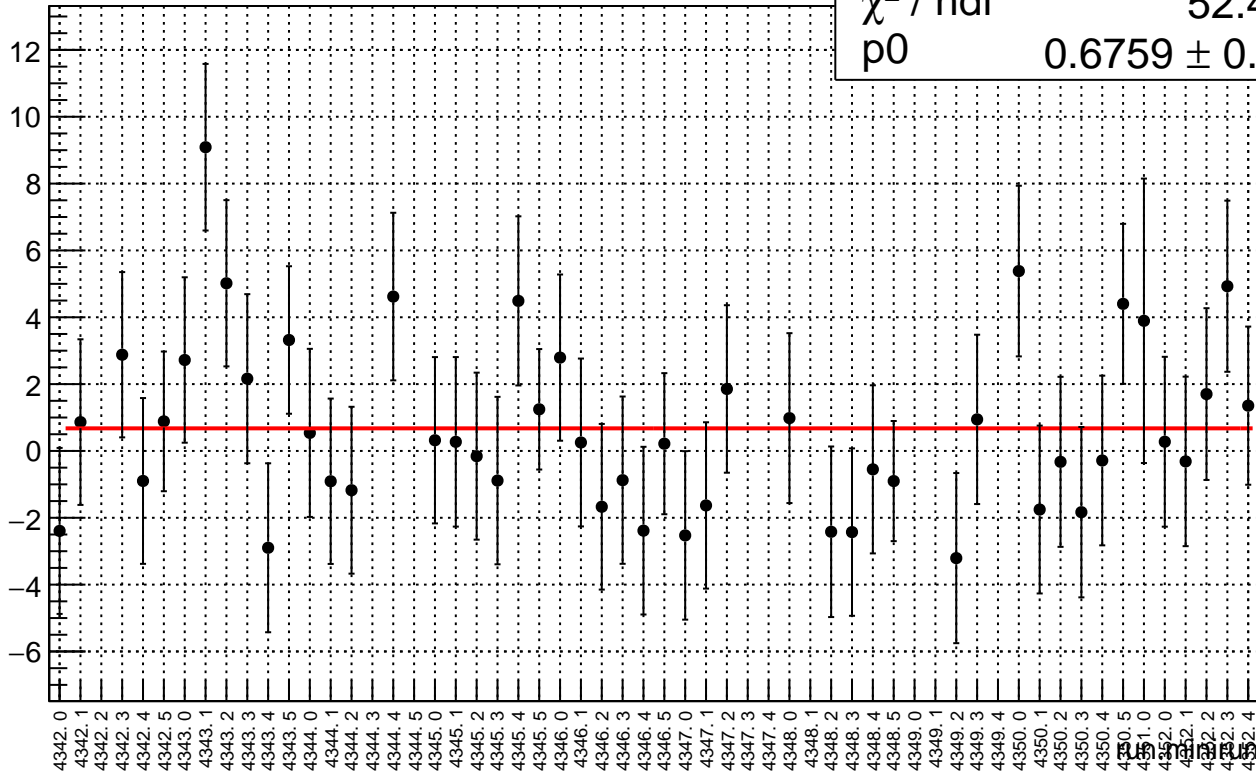
302  
300  
298  
296  
294  
292  
290  
288 $\chi^2 / \text{ndf}$  527.9 / 48  
p0  $295.5 \pm 0.4737$ 



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

$\chi^2 / \text{ndf}$  52.4 / 48  
 p0  $0.6759 \pm 0.3498$

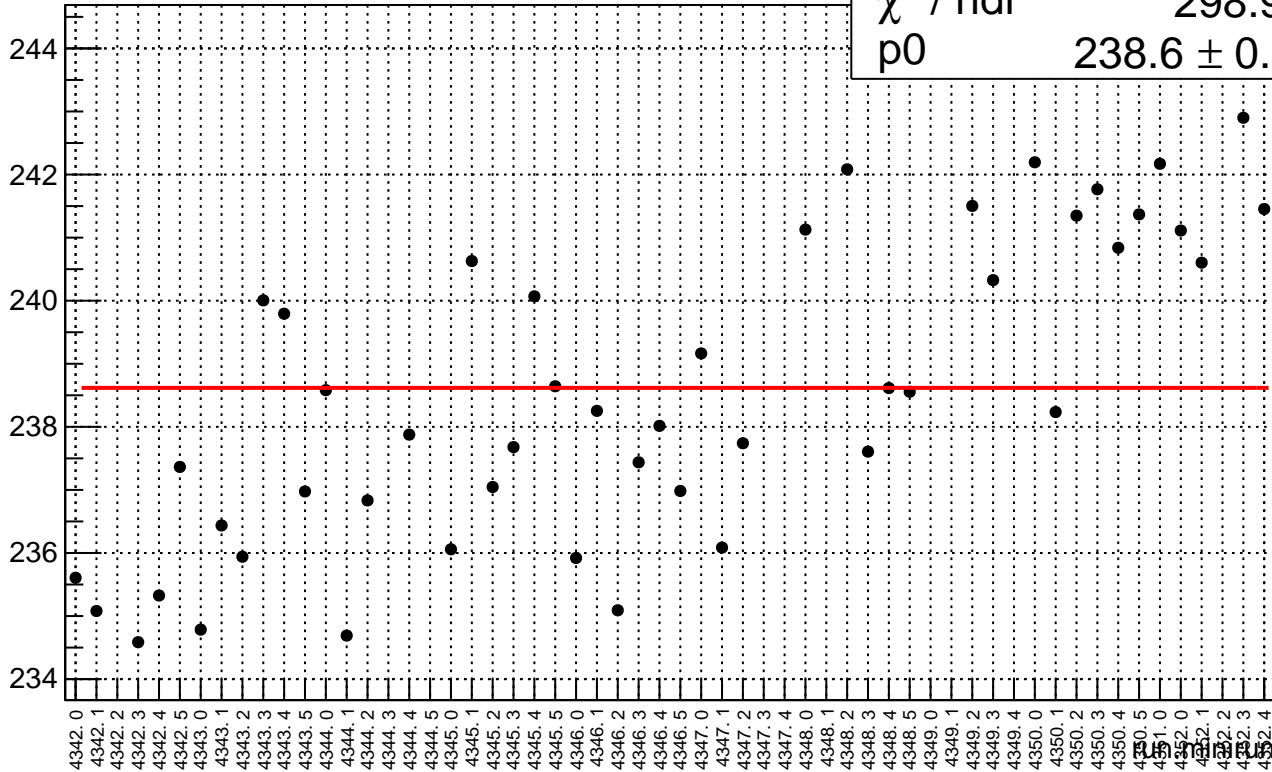
reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm



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

$\chi^2 / \text{ndf}$  298.9 / 48  
p0  $238.6 \pm 0.3565$

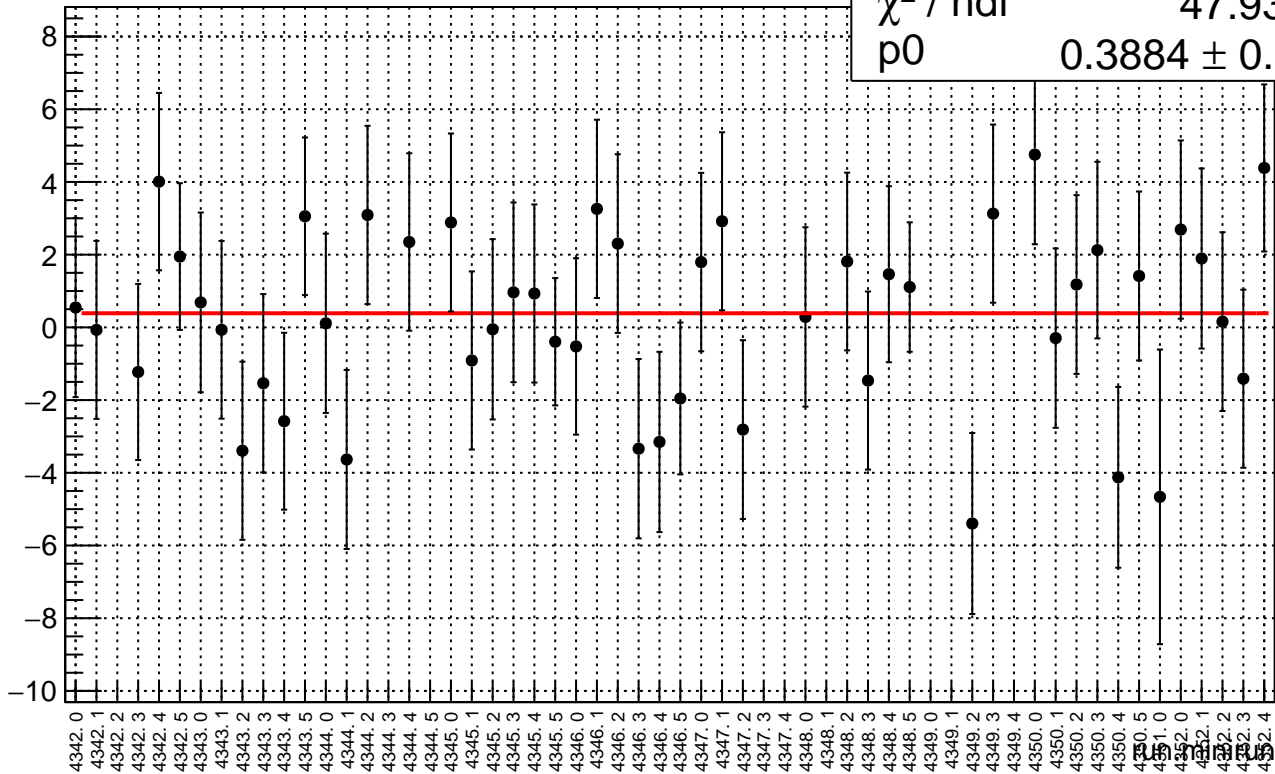
reg\_asym\_atl\_dd\_atr\_dd\_avg\_rms/ppm



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

$\chi^2 / \text{ndf}$  47.93 / 48  
p0  $0.3884 \pm 0.3416$

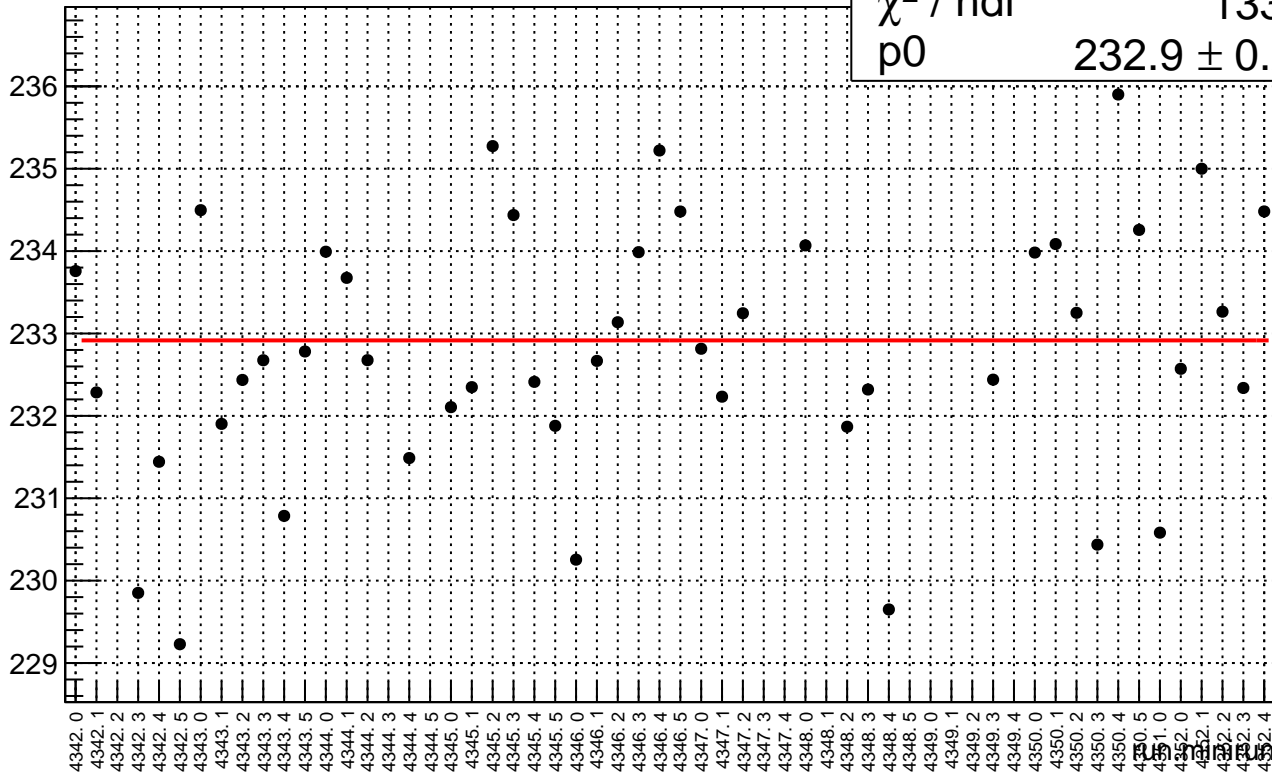
reg\_asym\_atl\_dd\_atr\_dd\_dd\_mean/ppm



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

$\chi^2 / \text{ndf}$  133 / 48  
p0  $232.9 \pm 0.2378$

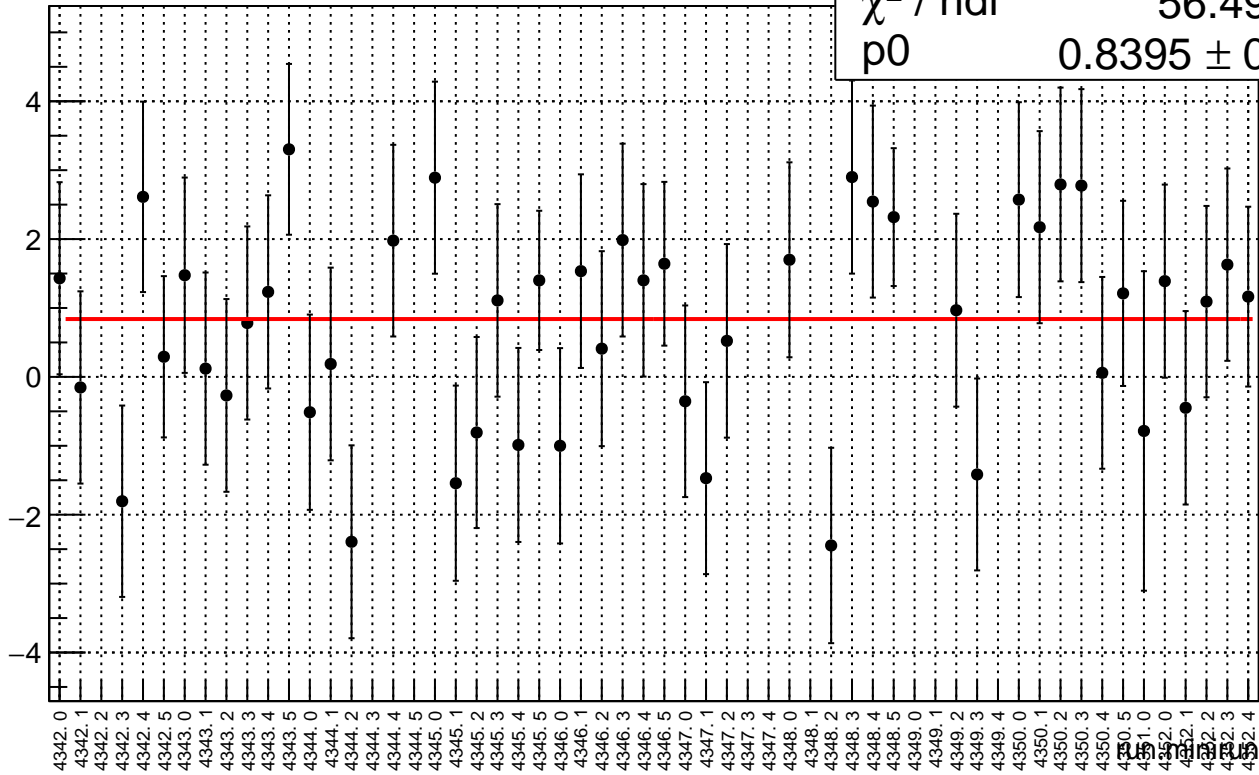
reg\_asym\_atl\_dd\_atr\_dd\_dd\_rms/ppm



reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

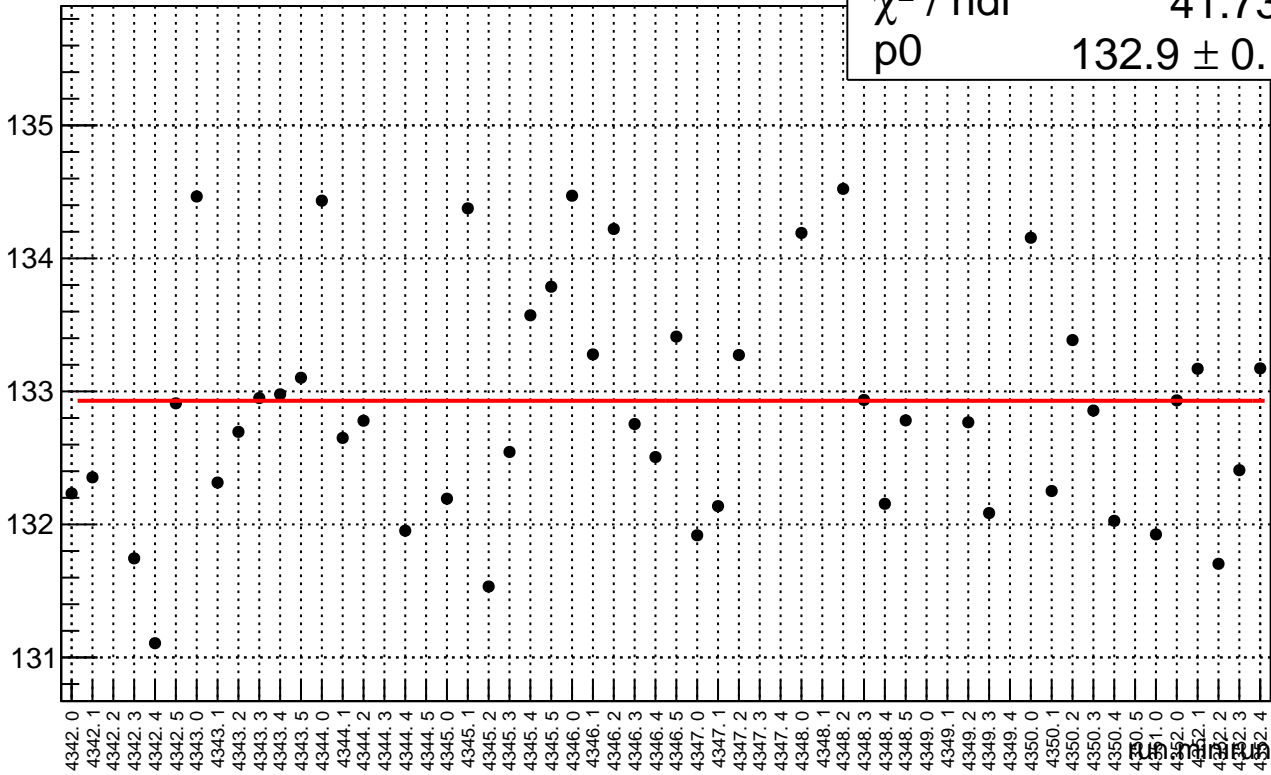
$\chi^2 / \text{ndf}$  56.49 / 48  
p0  $0.8395 \pm 0.195$



reg\_asym\_usl\_rms/ppm

$\chi^2 / \text{ndf}$  41.73 / 48  
p0 132.9  $\pm$  0.1332

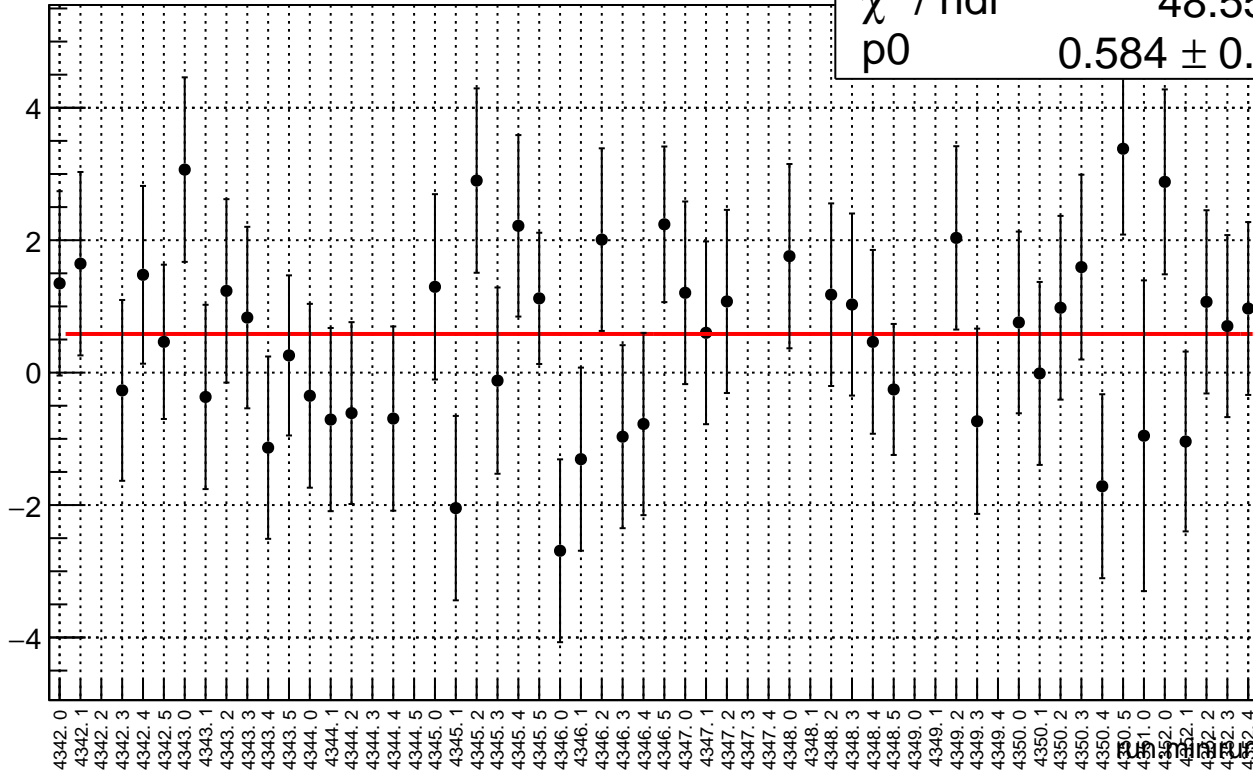
reg\_asym\_usl\_rms/ppm



reg\_asym\_usr\_mean/ppm

$\chi^2 / \text{ndf}$  48.55 / 48  
p0  $0.584 \pm 0.1925$

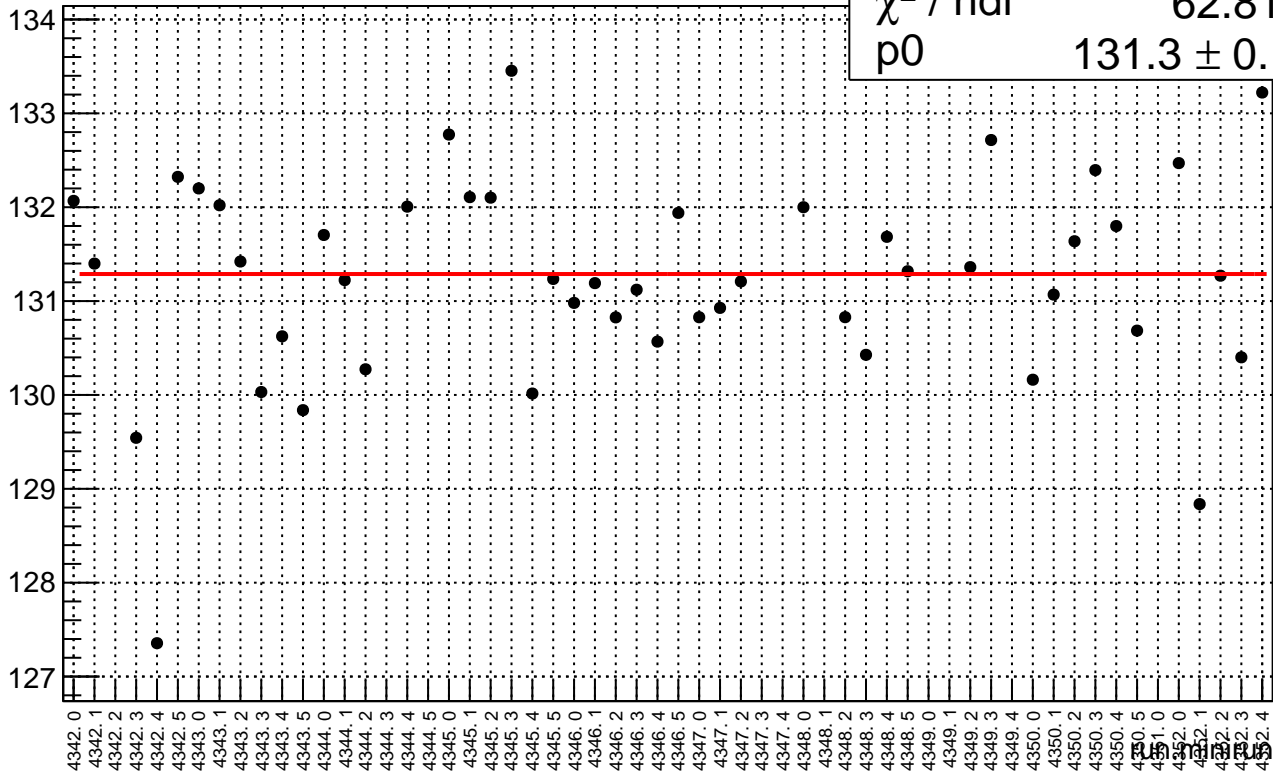
reg\_asym\_usr\_mean/ppm



reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  62.81 / 48  
p0 131.3 ± 0.1634

reg\_asym\_usr\_rms/ppm

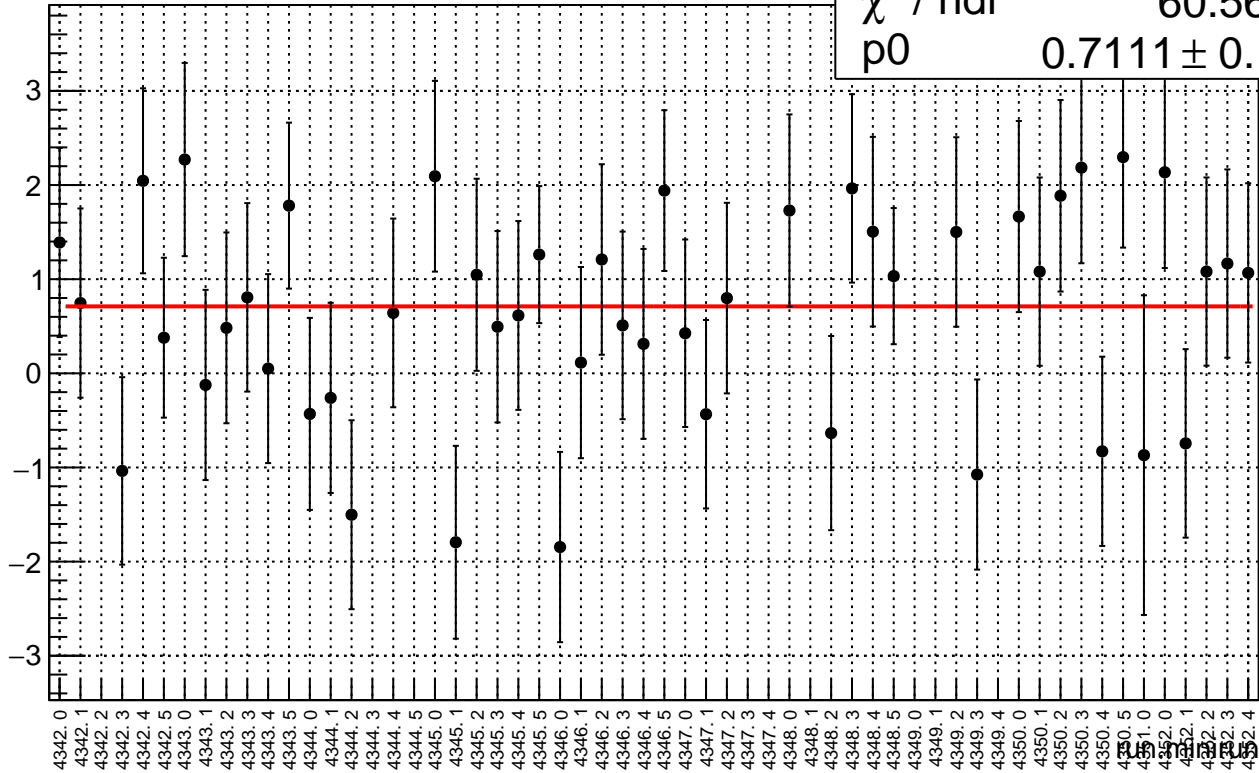




reg\_asym\_us\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  60.56 / 48  
p0  $0.7111 \pm 0.1405$

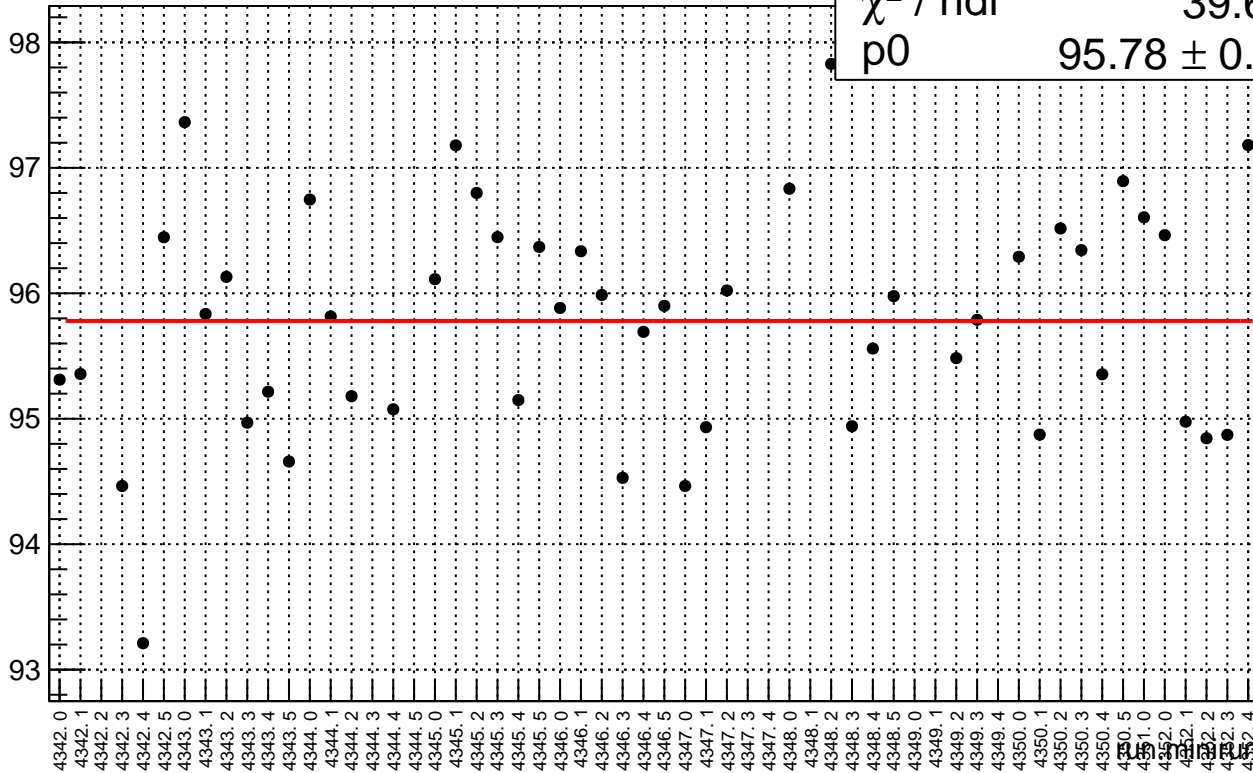
reg\_asym\_us\_avg\_mean/ppm



reg\_asym\_us\_avg\_rms/ppm

reg\_asym\_us\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  39.6 / 48  
p0  $95.78 \pm 0.1298$

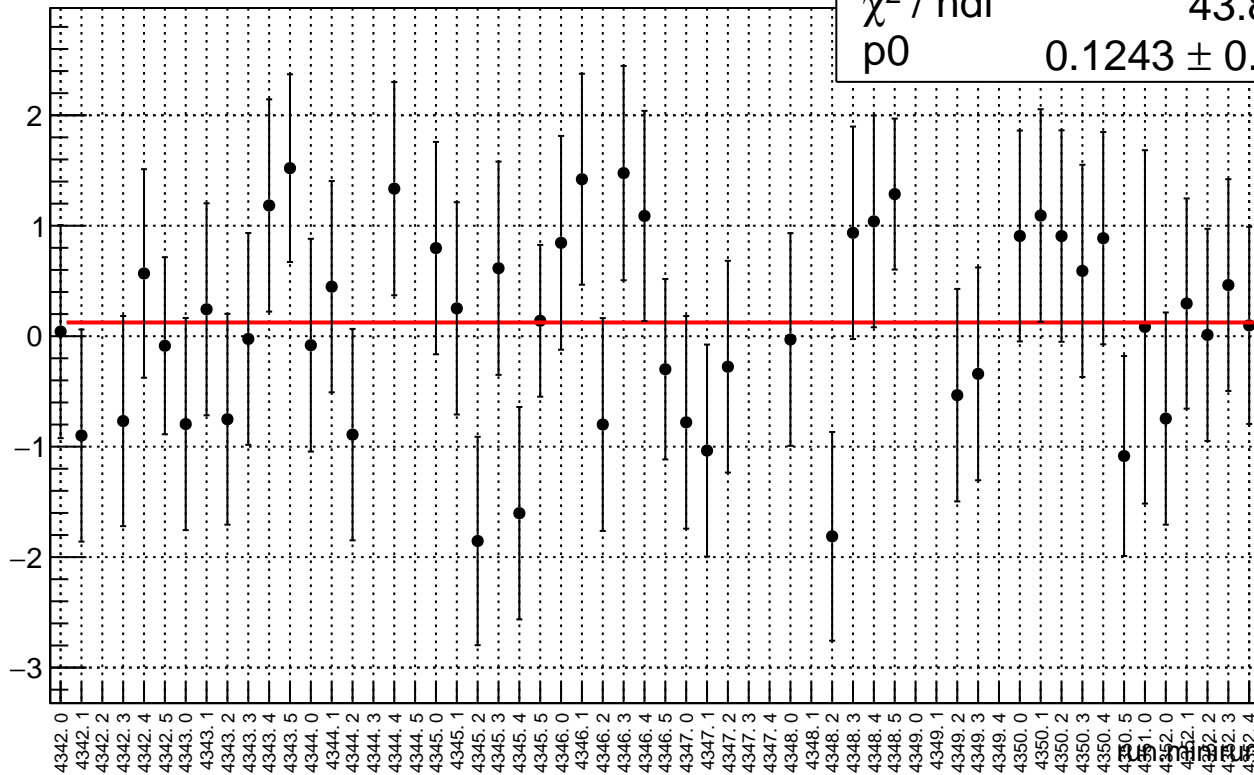


reg\_asym\_us\_dd\_mean/ppm

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

43.8 / 48  
 $0.1243 \pm 0.1334$

reg\_asym\_us\_dd\_mean/ppm



reg\_asym\_us\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  13.16 / 48  
p0  $90.99 \pm 0.0748$

reg\_asym\_us\_dd\_rms/ppm

