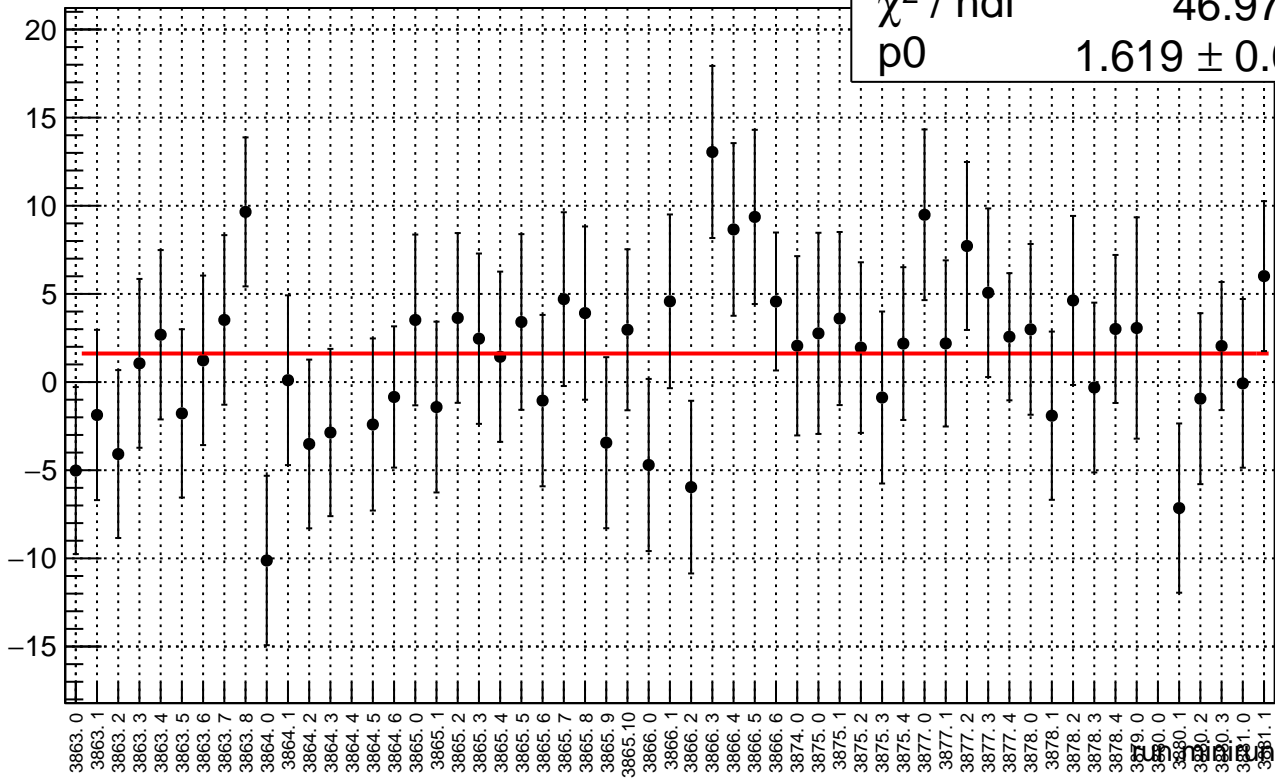


reg\_asym\_atl1\_mean/ppm

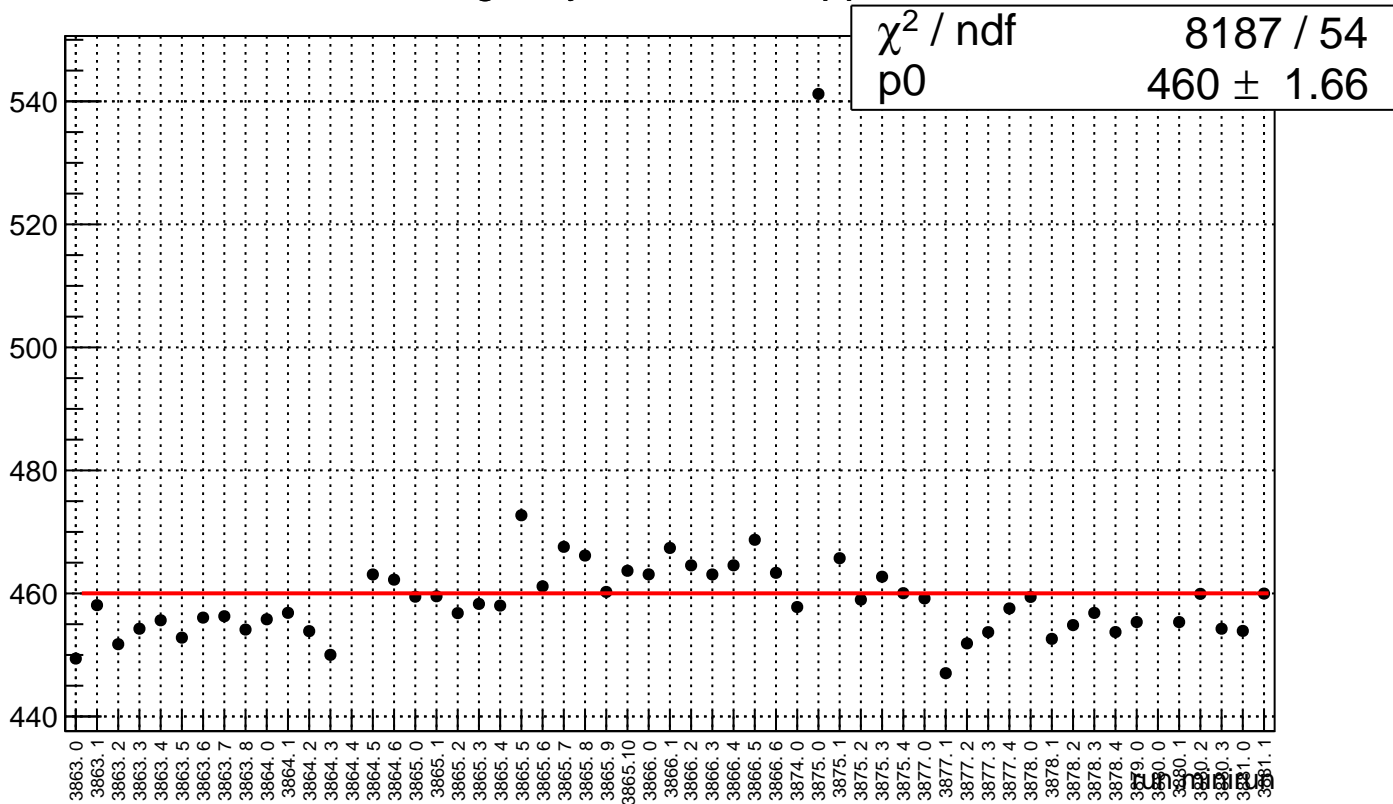
$\chi^2 / \text{ndf}$  46.97 / 54  
p0  $1.619 \pm 0.6343$

reg\_asym\_atl1\_mean/ppm



reg\_asym\_atl1\_rms/ppm

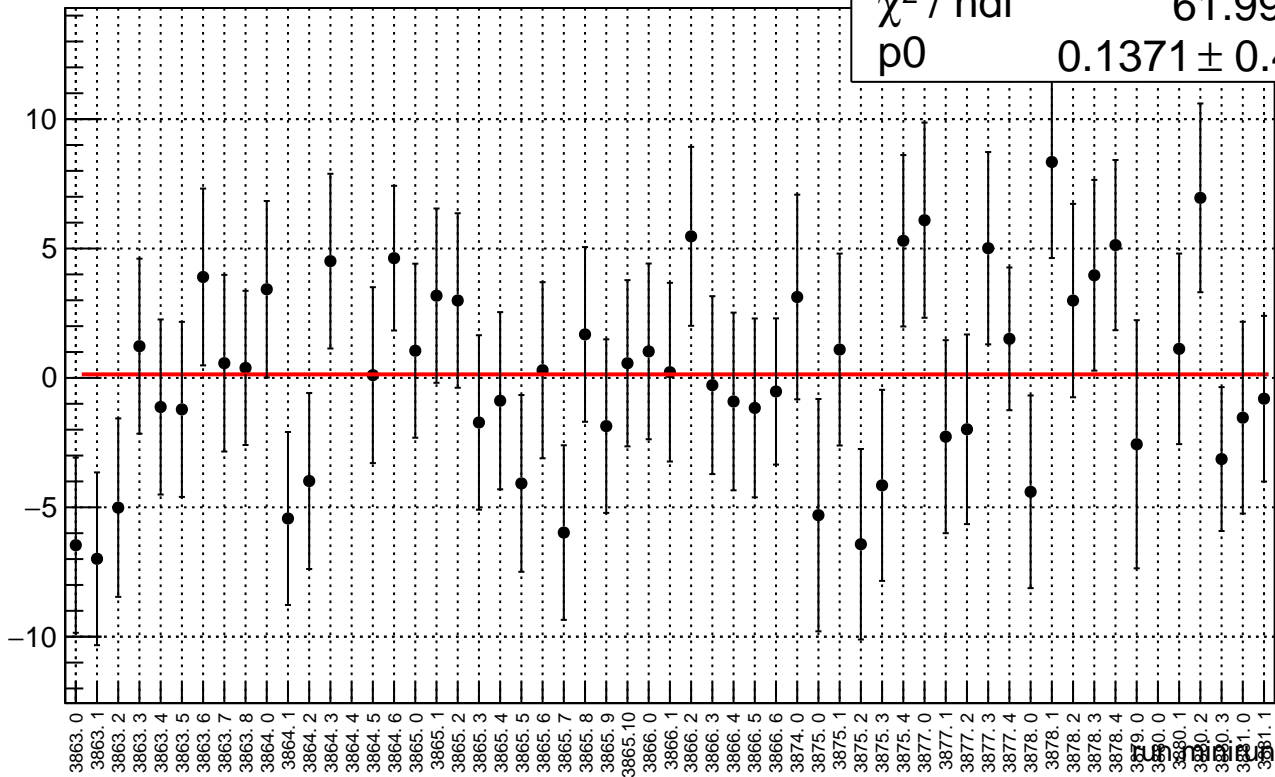
reg\_asym\_atl1\_rms/ppm



reg\_asym\_atl2\_mean/ppm

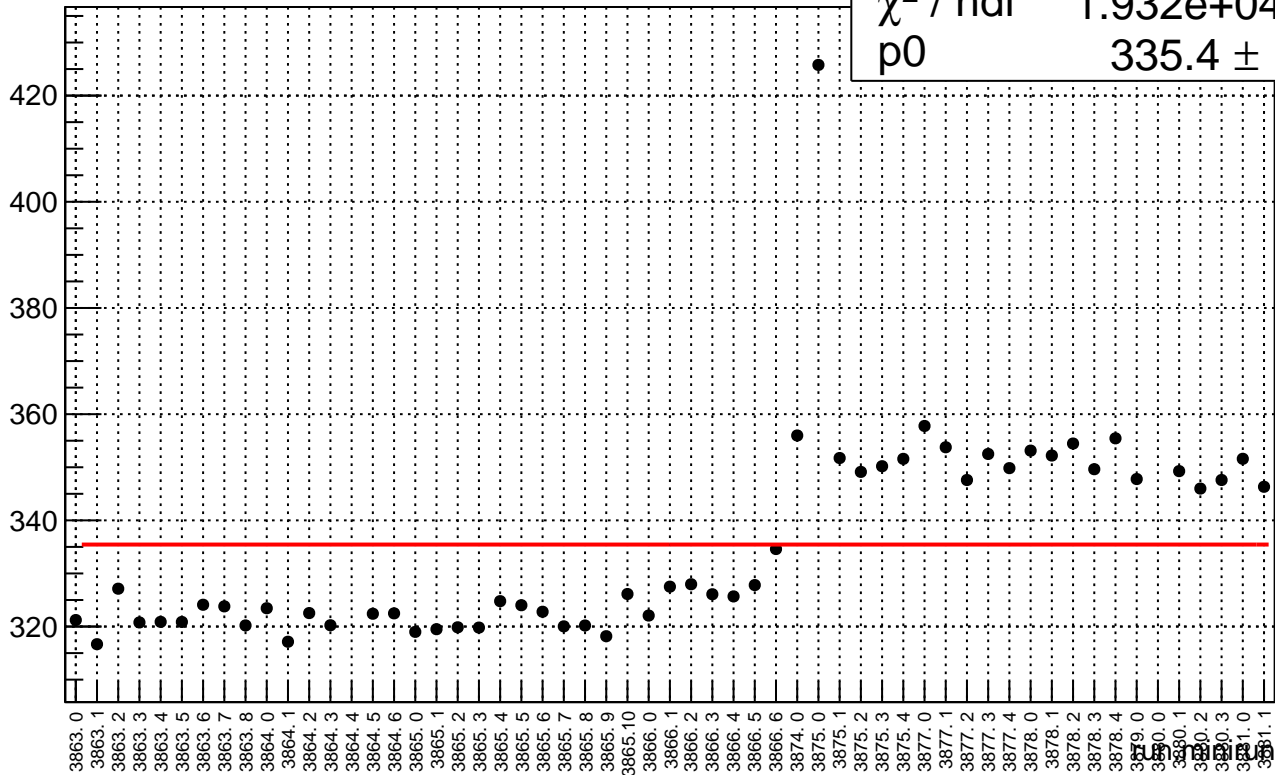
$\chi^2 / \text{ndf}$  61.99 / 54  
p0  $0.1371 \pm 0.4614$

reg\_asym\_atl2\_mean/ppm



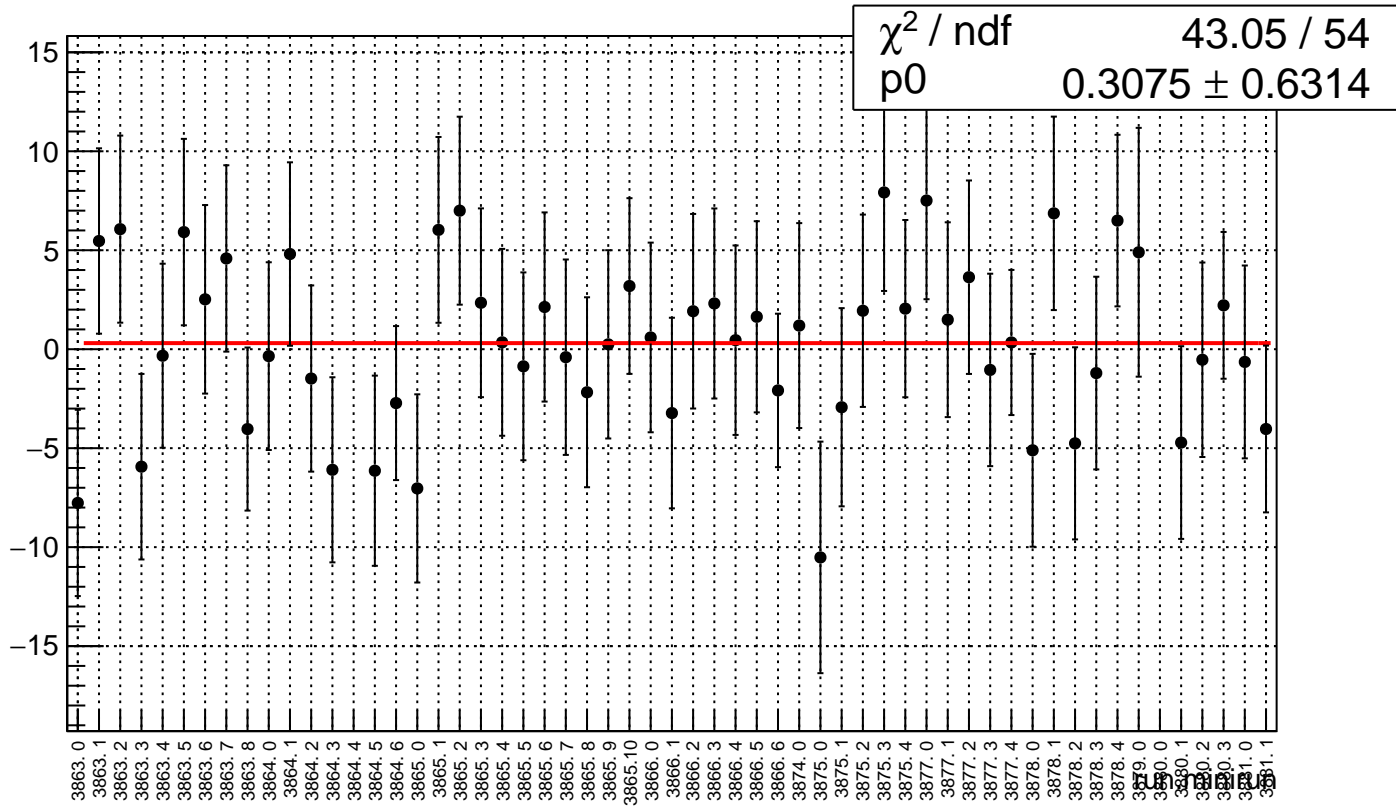
# reg\_asym\_atl2\_rms/ppm

reg\_asym\_atl2\_rms/ppm



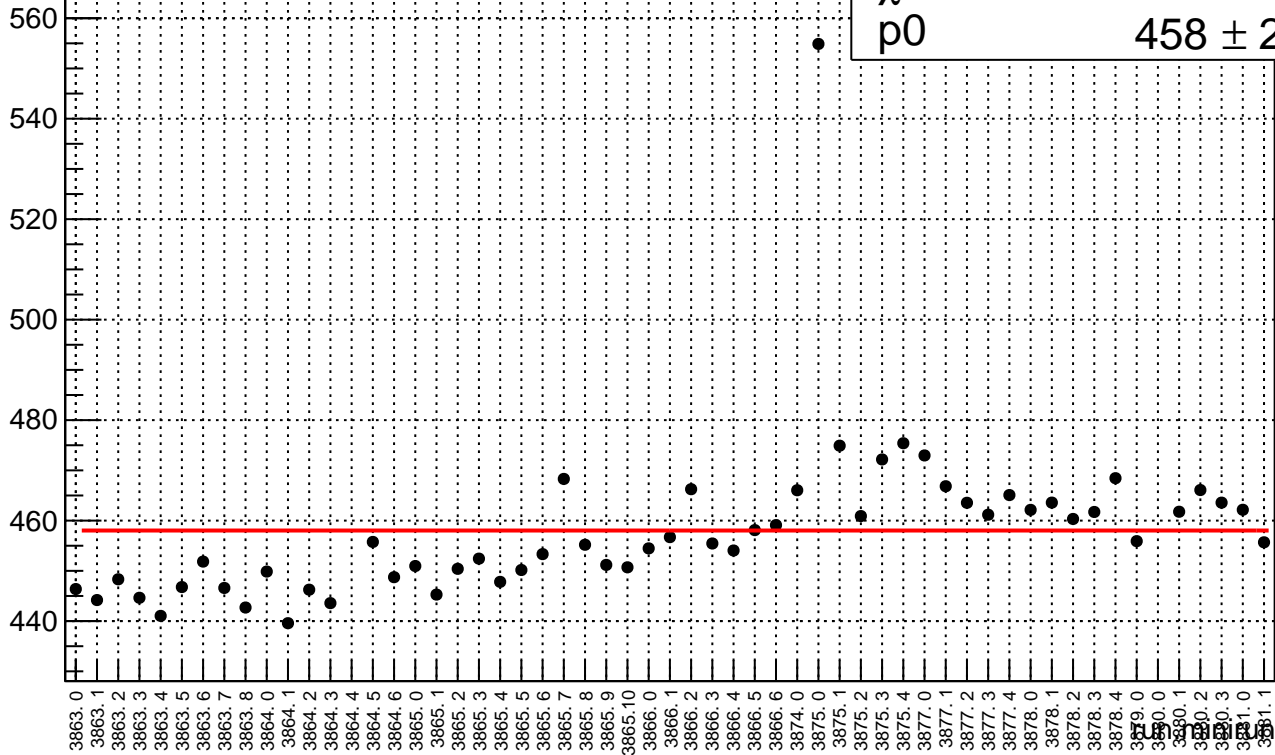
reg\_asym\_atr1\_mean/ppm

reg\_asym\_atr1\_mean/ppm



# reg\_asym\_atr1\_rms/ppm

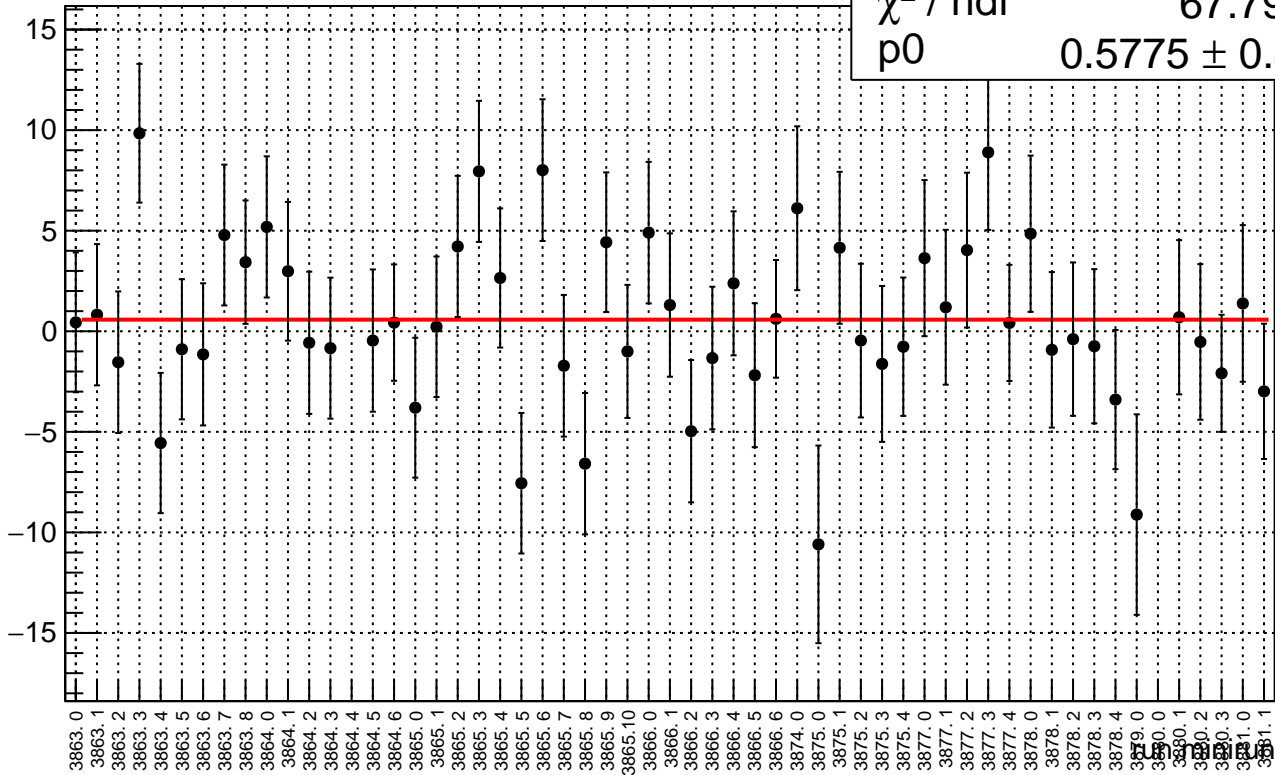
reg\_asym\_atr1\_rms/ppm



reg\_asym\_atr2\_mean/ppm

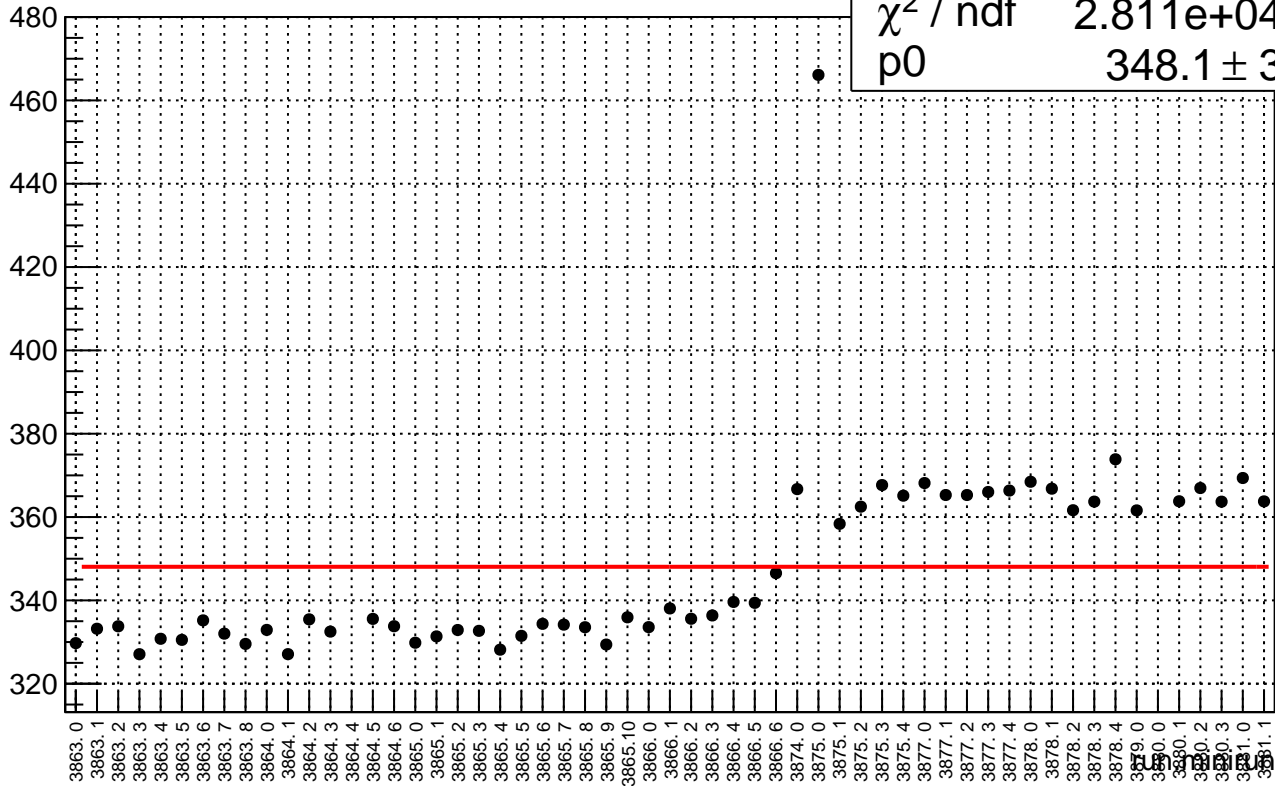
$\chi^2 / \text{ndf}$  67.79 / 54  
p0  $0.5775 \pm 0.4784$

reg\_asym\_atr2\_mean/ppm



reg\_asym\_atr2\_rms/ppm

reg\_asym\_atr2\_rms/ppm

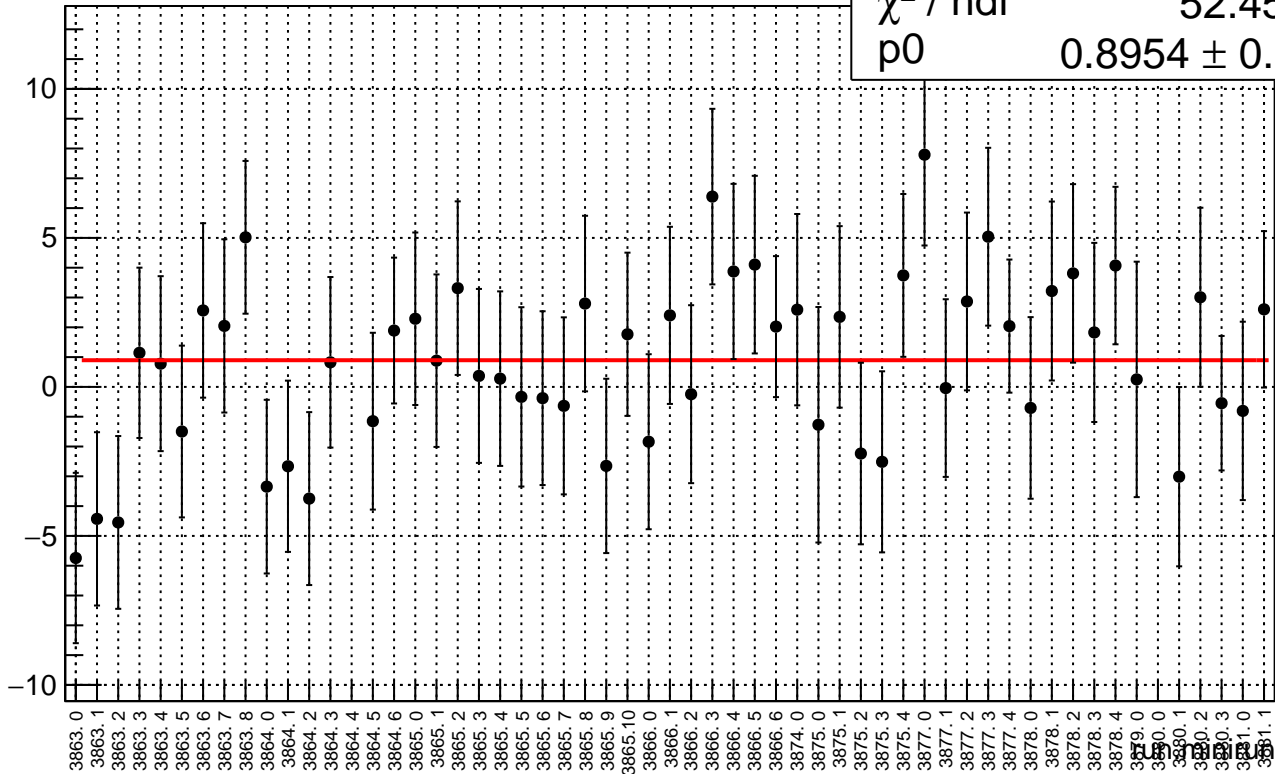




# reg\_asym\_atl\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  52.45 / 54  
 p0  $0.8954 \pm 0.3888$

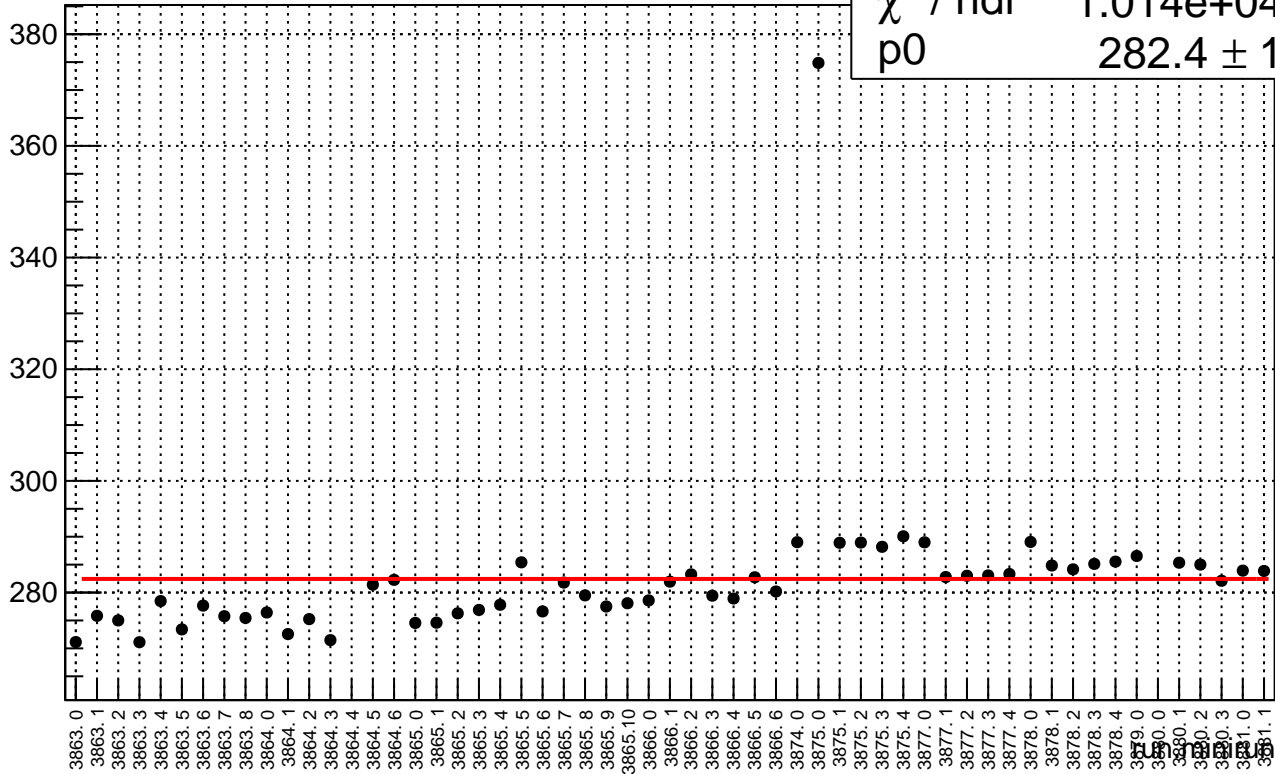
reg\_asym\_atl\_avg\_mean/ppm



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

reg\_asym\_atl\_avg\_rms/ppm

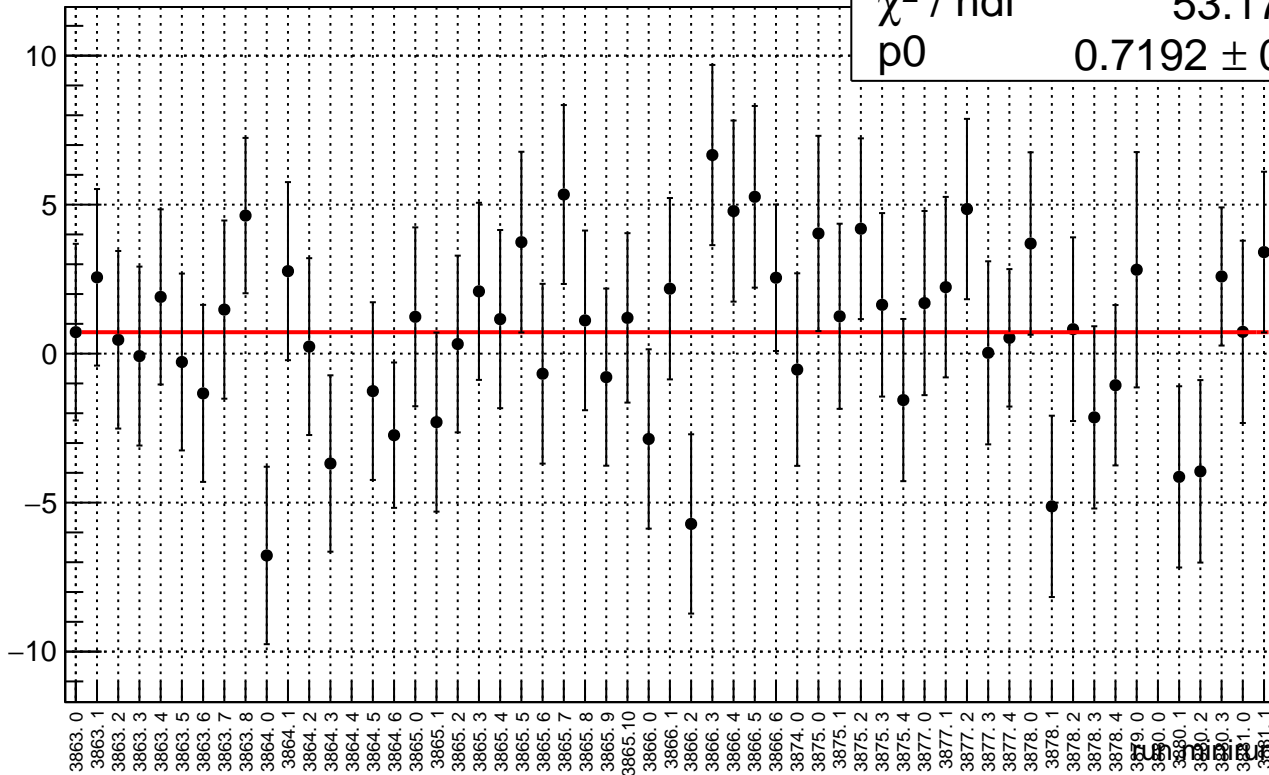
$\chi^2 / \text{ndf}$  1.014e+04 / 54  
 p0 282.4 ± 1.847



reg\_asym\_atl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  53.17 / 54  
p0  $0.7192 \pm 0.396$

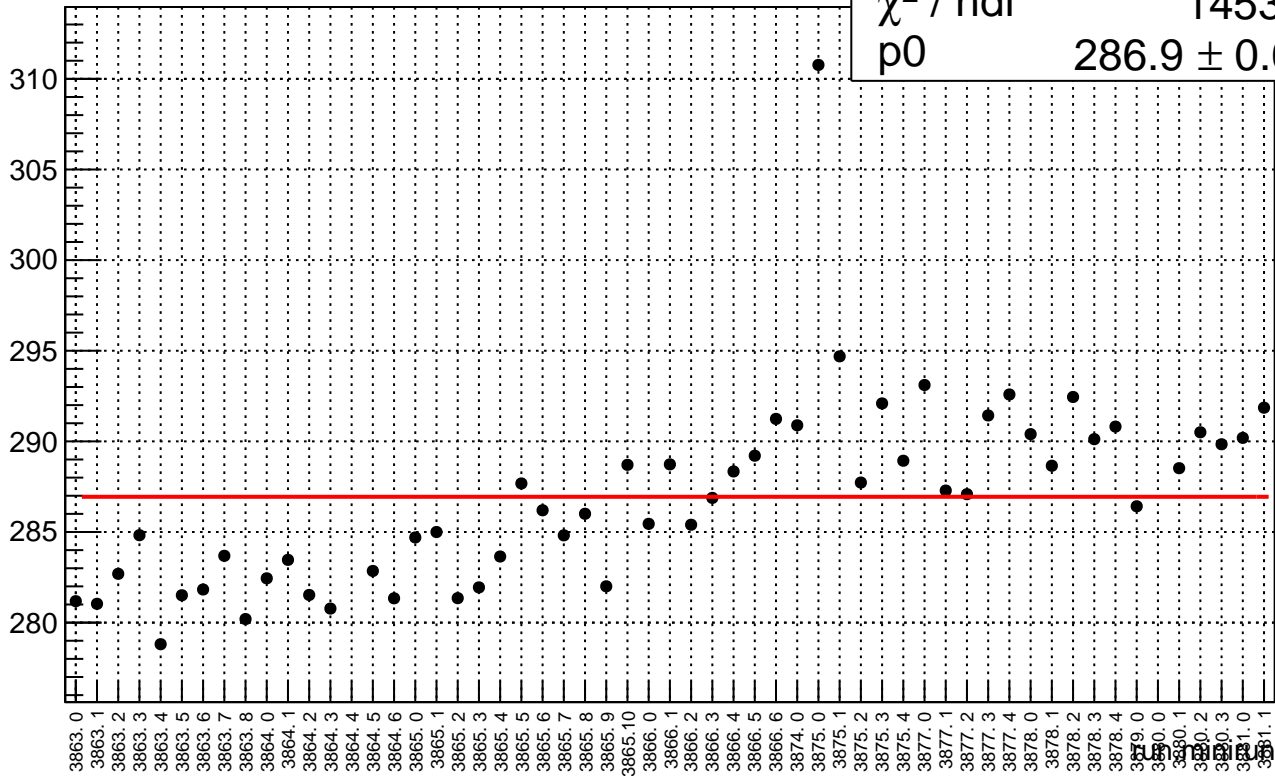
reg\_asym\_atl\_dd\_mean/ppm



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

reg\_asym\_atl\_dd\_rms/ppm

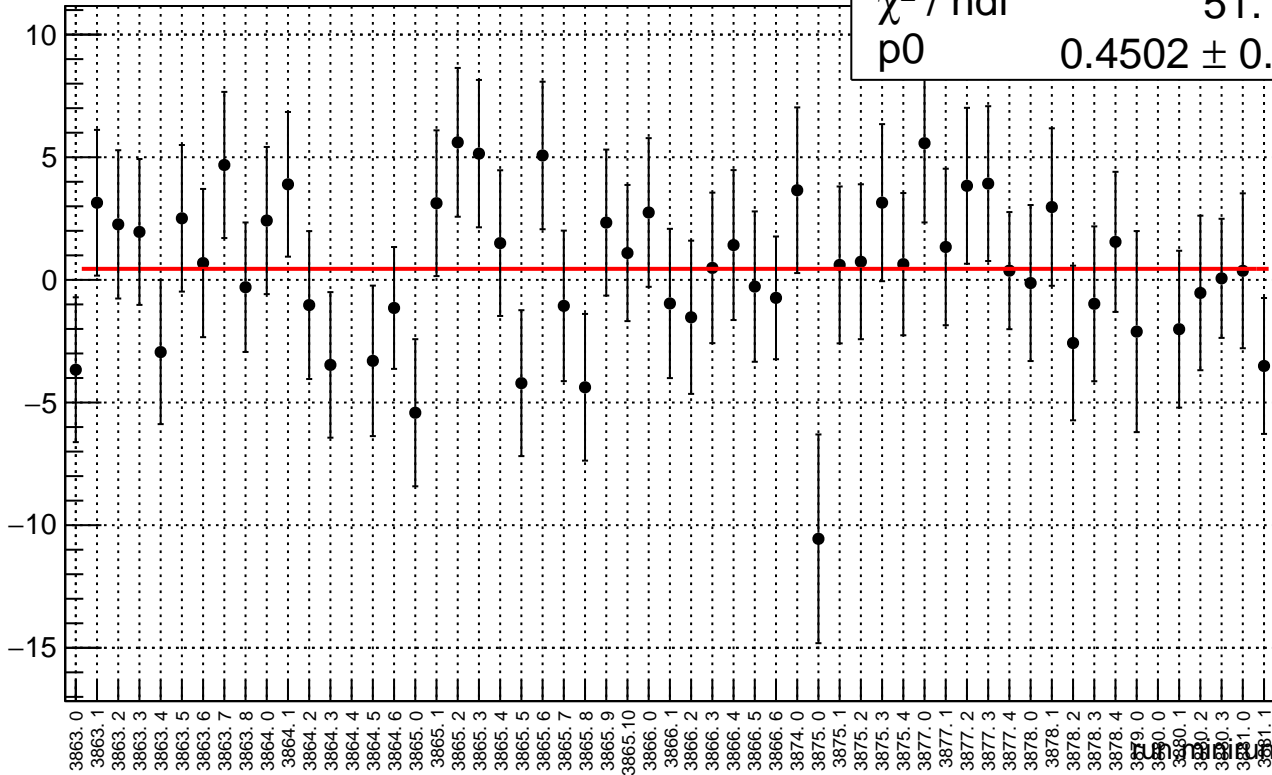
$\chi^2 / \text{ndf}$  1453 / 54  
 p0  $286.9 \pm 0.6994$



reg\_asym\_atr\_avg\_mean/ppm

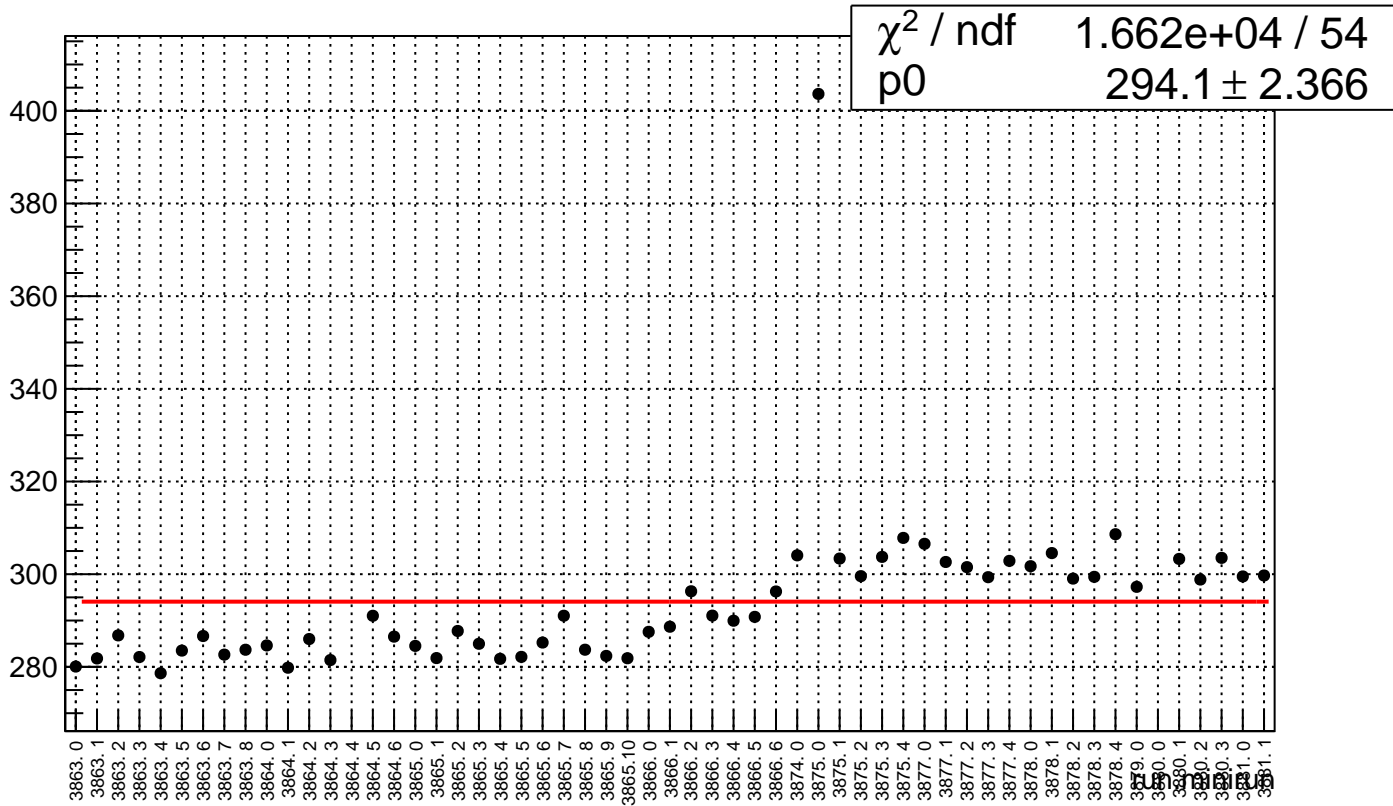
$\chi^2 / \text{ndf}$  51.1 / 54  
p0  $0.4502 \pm 0.4047$

reg\_asym\_atr\_avg\_mean/ppm



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

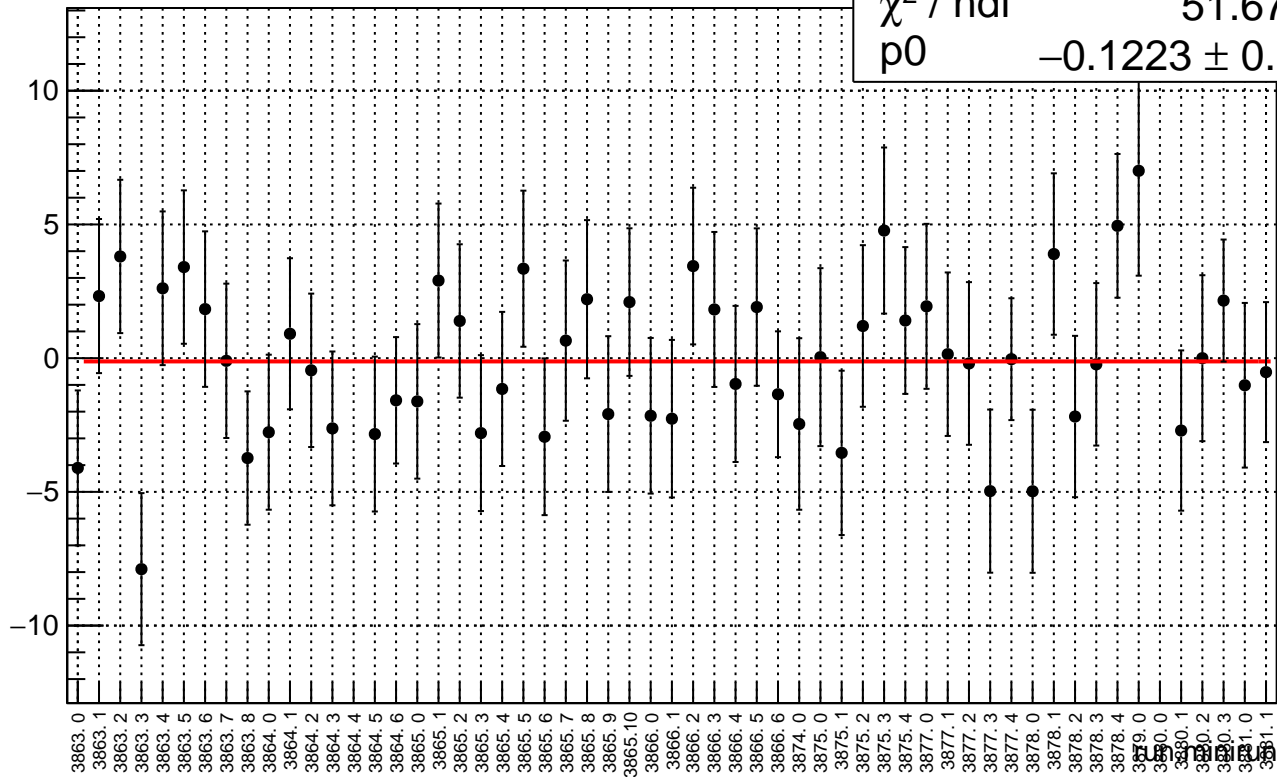
reg\_asym\_atr\_avg\_rms/ppm



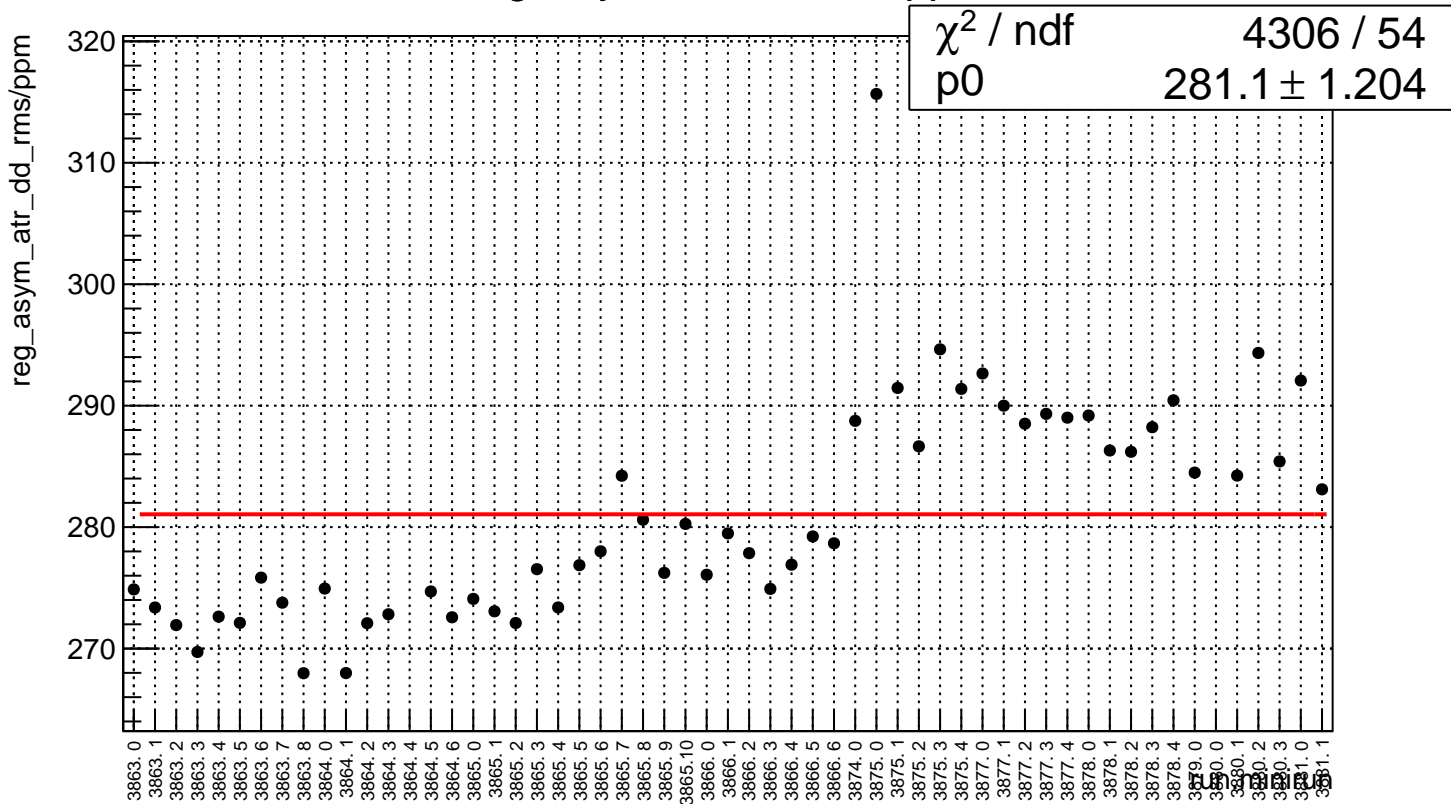
reg\_asym\_atr\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  51.67 / 54  
p0  $-0.1223 \pm 0.3875$

reg\_asym\_atr\_dd\_mean/ppm



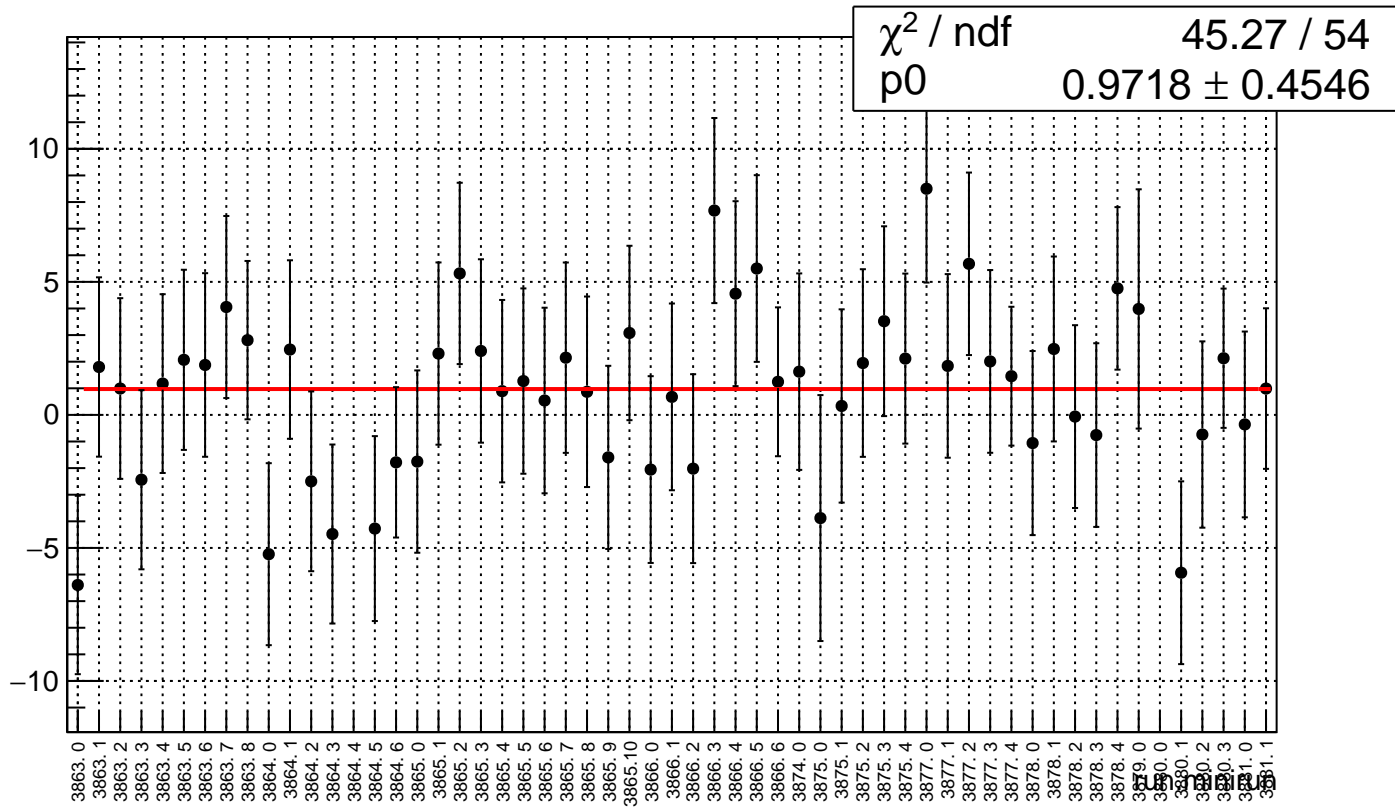
# reg\_asym\_atr\_dd\_rms/ppm





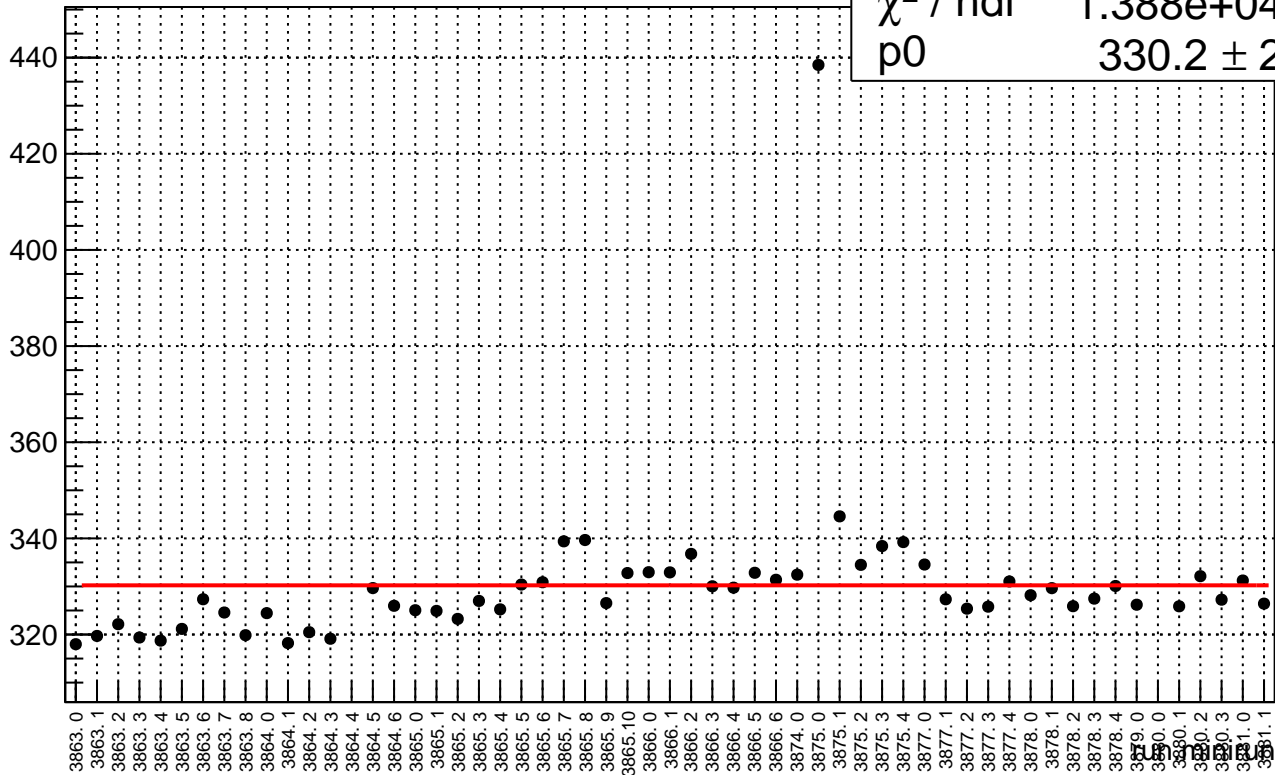
# reg\_asym\_at1\_avg\_mean/ppm

reg\_asym\_at1\_avg\_mean/ppm



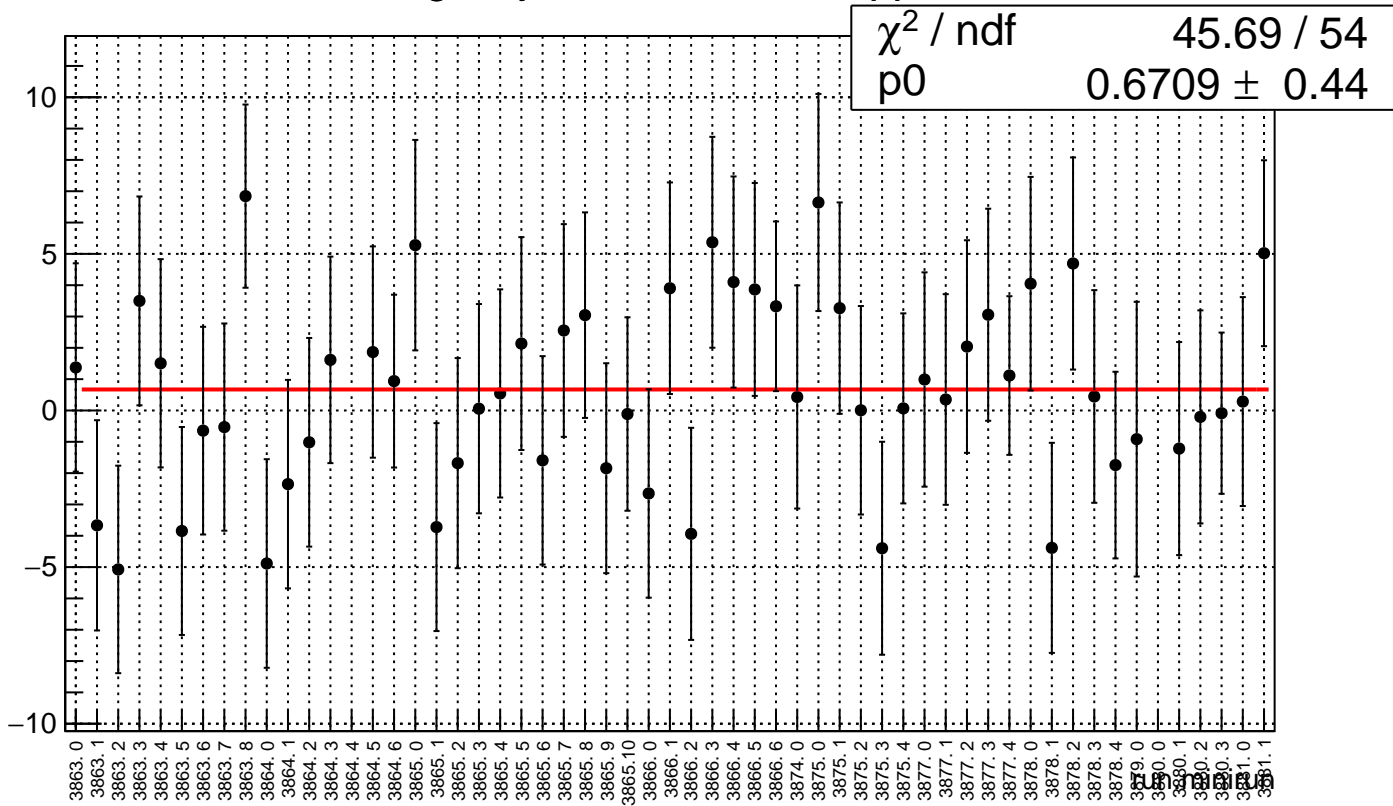
## reg\_asym\_at1\_avg\_rms/ppm

reg\_asym\_at1\_avg\_rms/ppm



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

reg\_asym\_at1\_dd\_mean/ppm



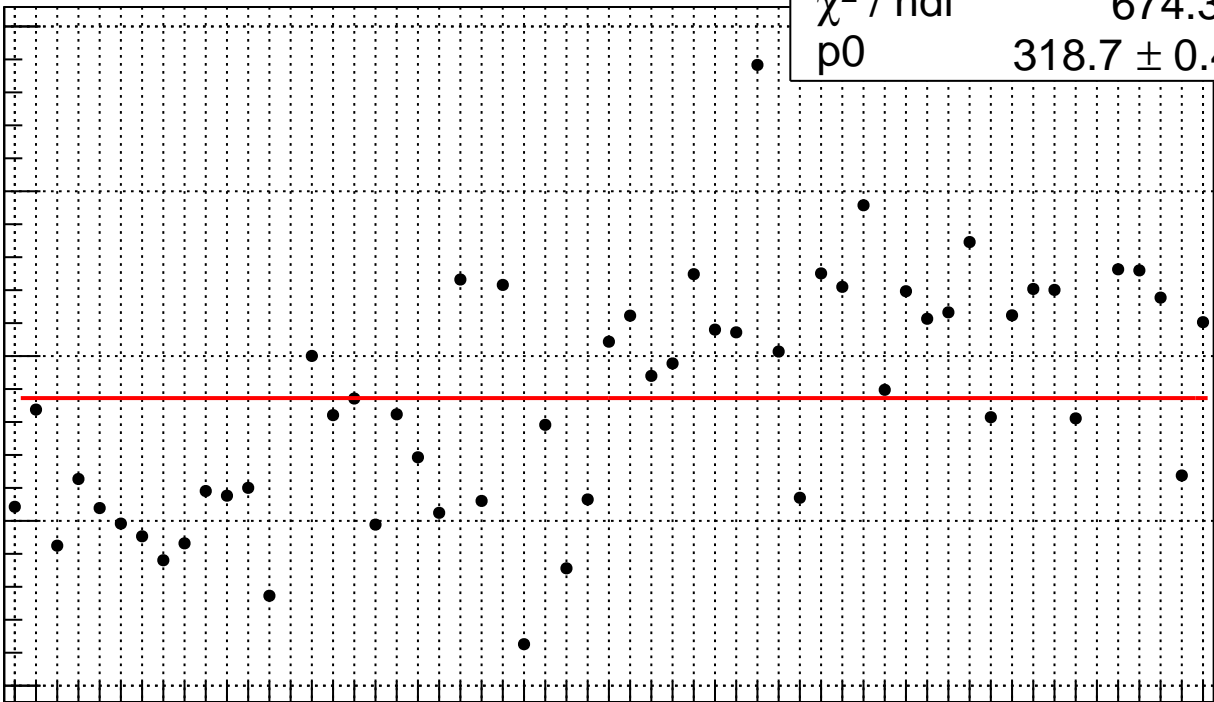
# reg\_asym\_at1\_dd\_rms/ppm

reg\_asym\_at1\_dd\_rms/ppm

330  
325  
320  
315  
310

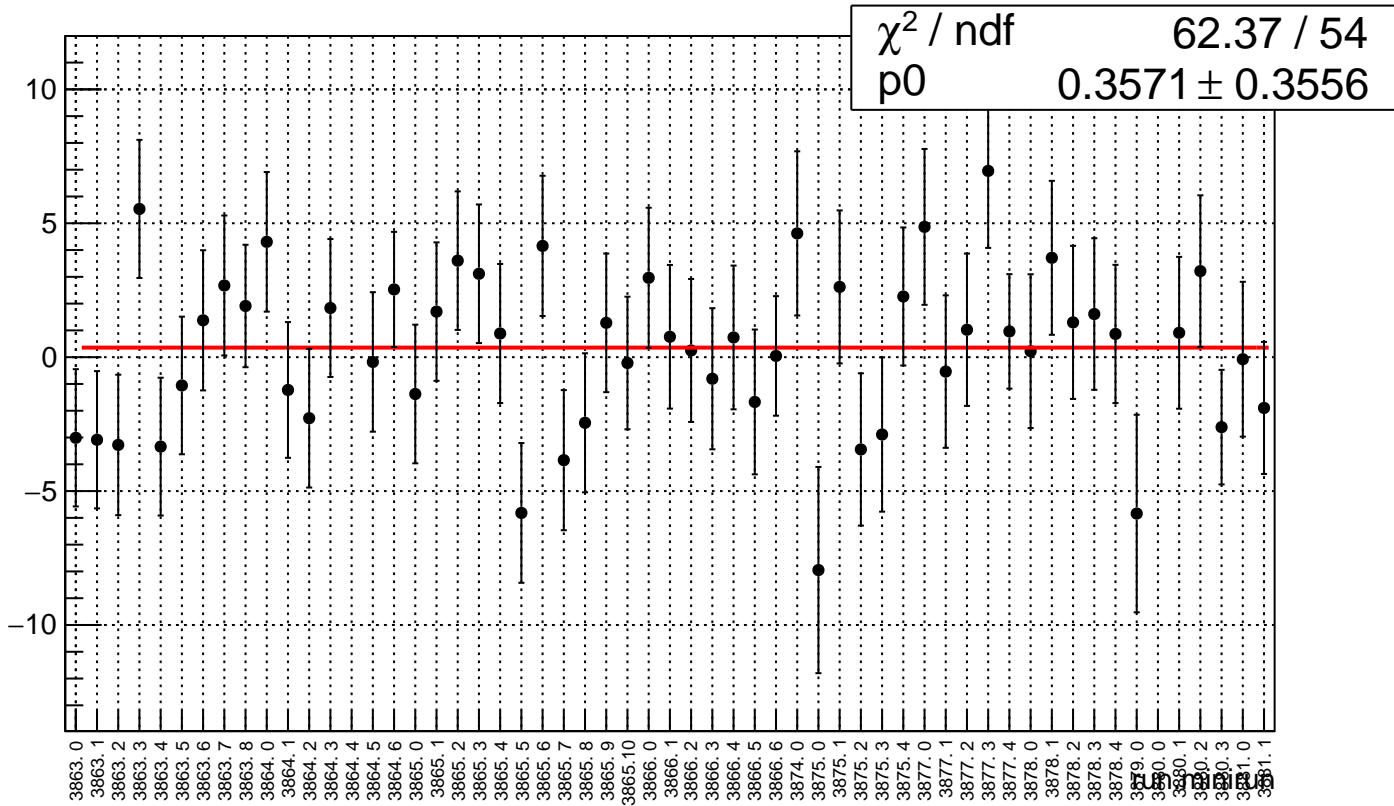
$\chi^2 / \text{ndf}$  674.3 / 54  
p0 318.7 ± 0.4765

3863.0 3863.1 3863.2 3863.3 3863.4 3863.5 3863.6 3863.7 3863.8 3864.0 3864.1 3864.2 3864.3 3864.4 3864.5 3864.6 3865.0 3865.1 3865.2 3865.3 3865.4 3865.5 3865.6 3865.7 3865.8 3865.9 3865.10 3866.0 3866.1 3866.2 3866.3 3866.4 3866.5 3866.6 3874.0 3875.0 3875.1 3875.2 3875.3 3875.4 3877.0 3877.1 3877.2 3877.3 3877.4 3878.0 3878.1 3878.2 3878.3 3878.4 3879.0 3879.1 3880.0 3880.1 3880.2 3880.3 3881.0 3881.1



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

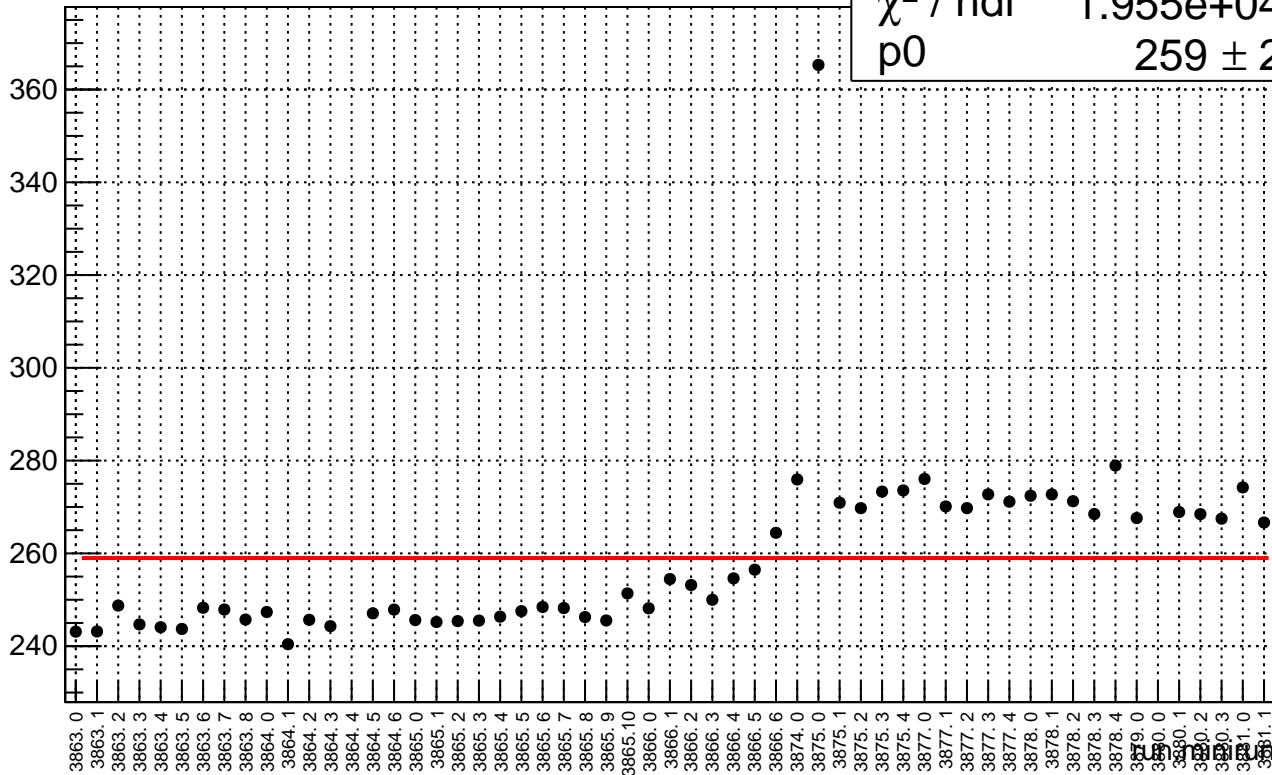
reg\_asym\_at2\_avg\_mean/ppm



reg\_asym\_at2\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  1.955e+04 / 54  
p0 259 ± 2.565

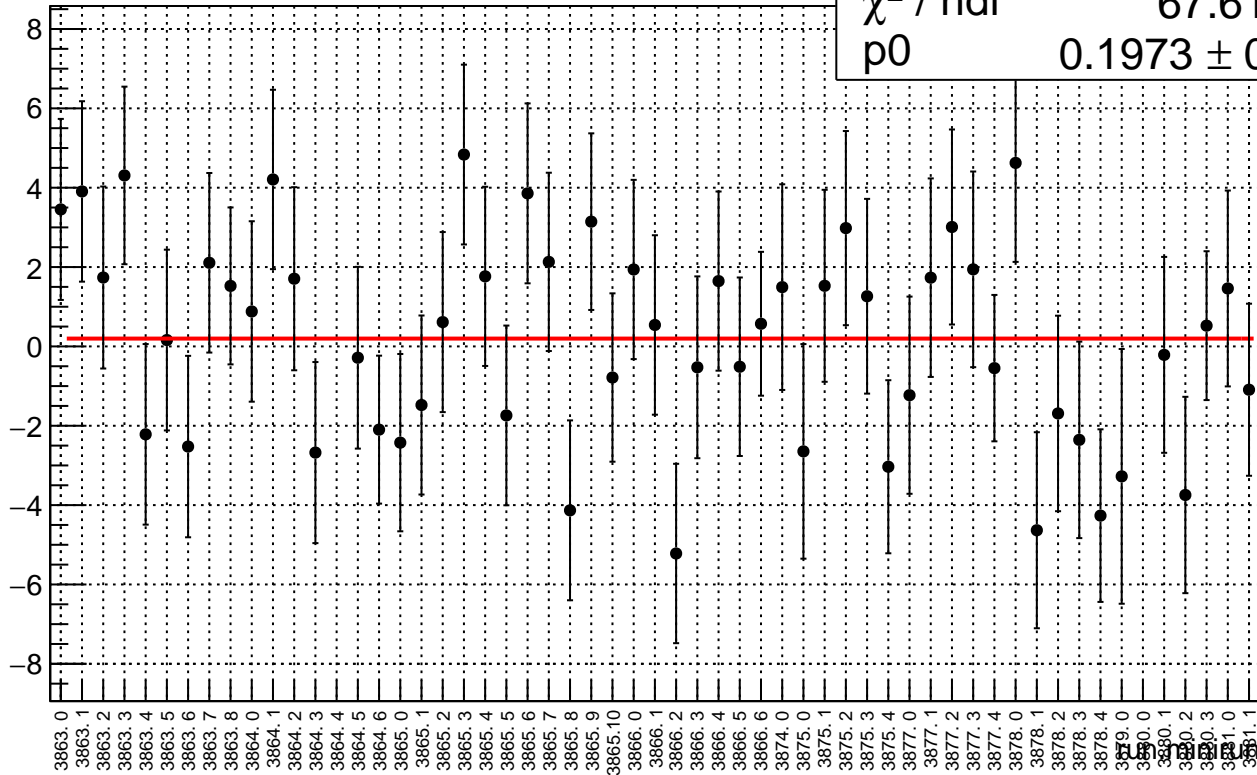
reg\_asym\_at2\_avg\_rms/ppm



reg\_asym\_at2\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  67.61 / 54  
p0 0.1973  $\pm$  0.307

reg\_asym\_at2\_dd\_mean/ppm



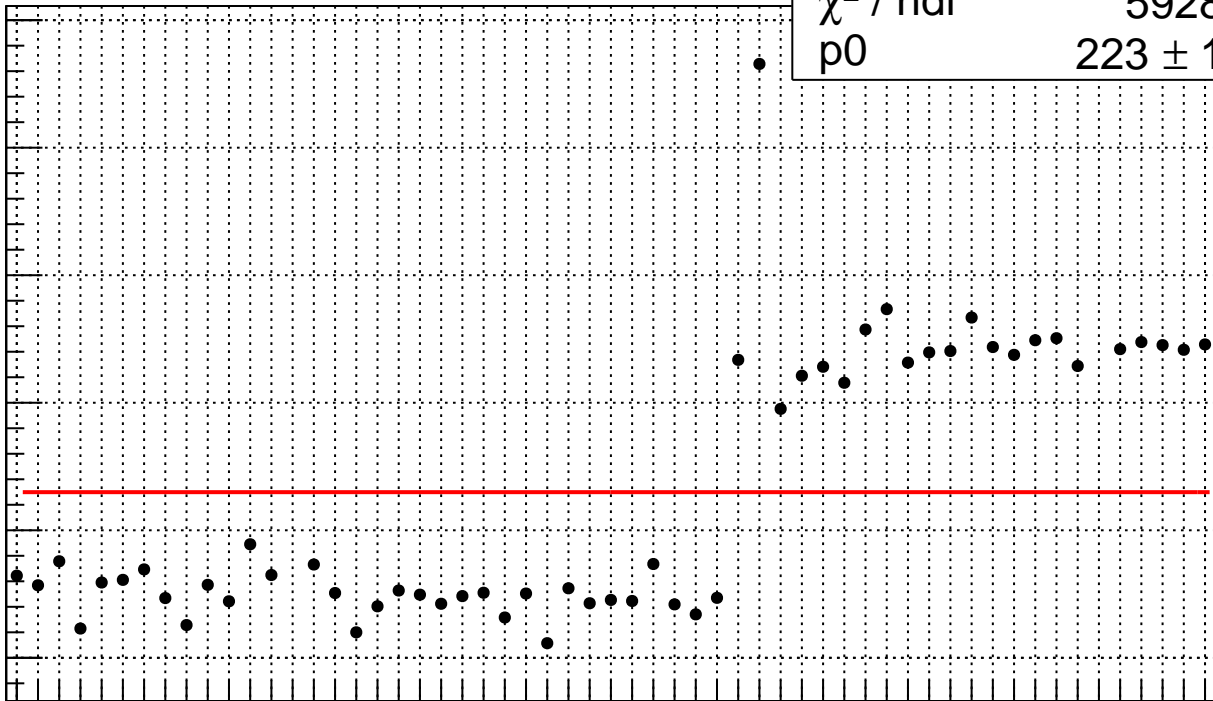
# reg\_asym\_at2\_dd\_rms/ppm

reg\_asym\_at2\_dd\_rms/ppm

260  
250  
240  
230  
220  
210

$\chi^2 / \text{ndf}$   
p0  
5928 / 54  
 $223 \pm 1.413$

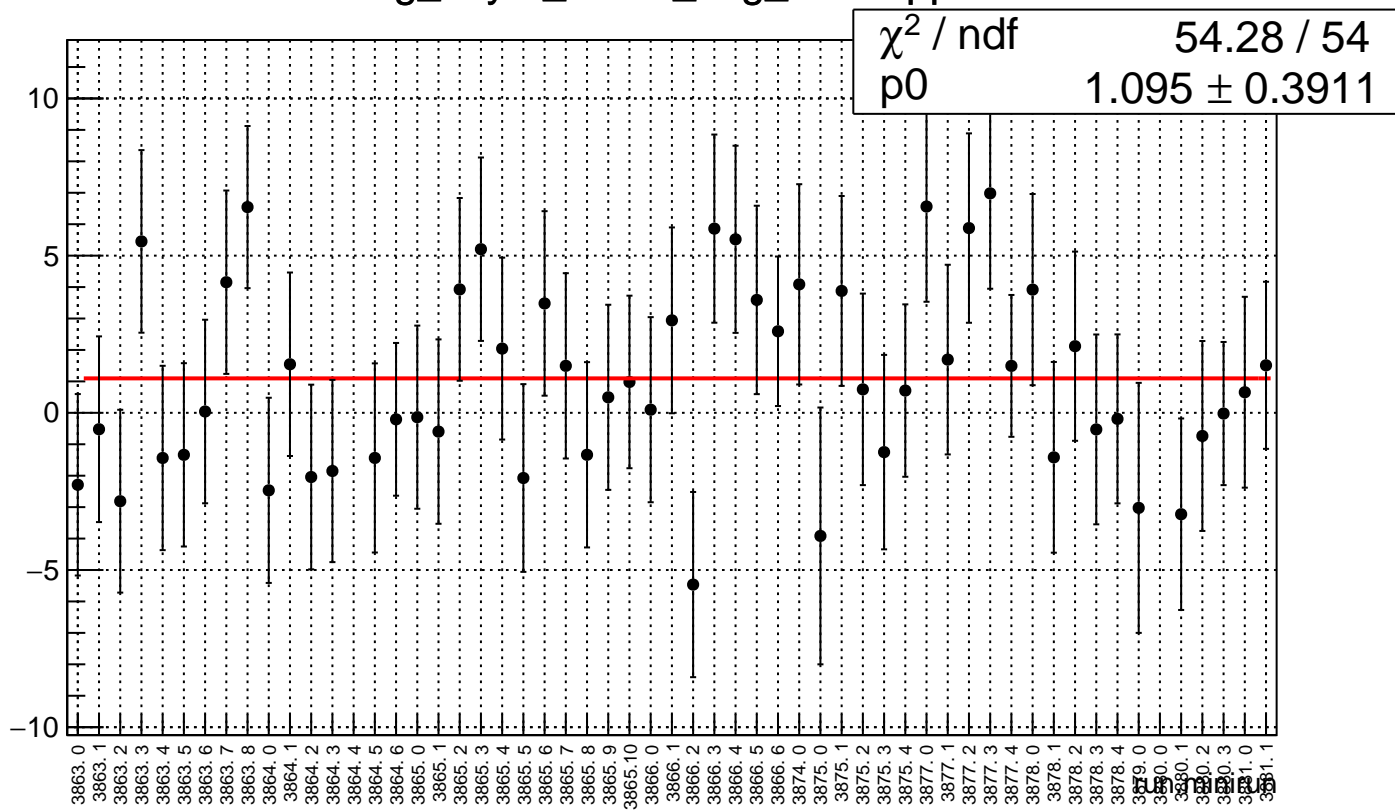
3863.0  
3863.1  
3863.2  
3863.3  
3863.4  
3863.5  
3863.6  
3863.7  
3863.8  
3864.0  
3864.1  
3864.2  
3864.3  
3864.4  
3864.5  
3864.6  
3865.0  
3865.1  
3865.2  
3865.3  
3865.4  
3865.5  
3865.6  
3865.7  
3865.8  
3865.9  
3865.10  
3866.0  
3866.1  
3866.2  
3866.3  
3866.4  
3866.5  
3866.6  
3874.0  
3875.0  
3875.1  
3875.2  
3875.3  
3875.4  
3877.0  
3877.1  
3877.2  
3877.3  
3877.4  
3878.0  
3878.1  
3878.2  
3878.3  
3878.4  
3879.0  
3880.0  
3880.1  
3880.2  
3880.3  
3881.0  
3881.1





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

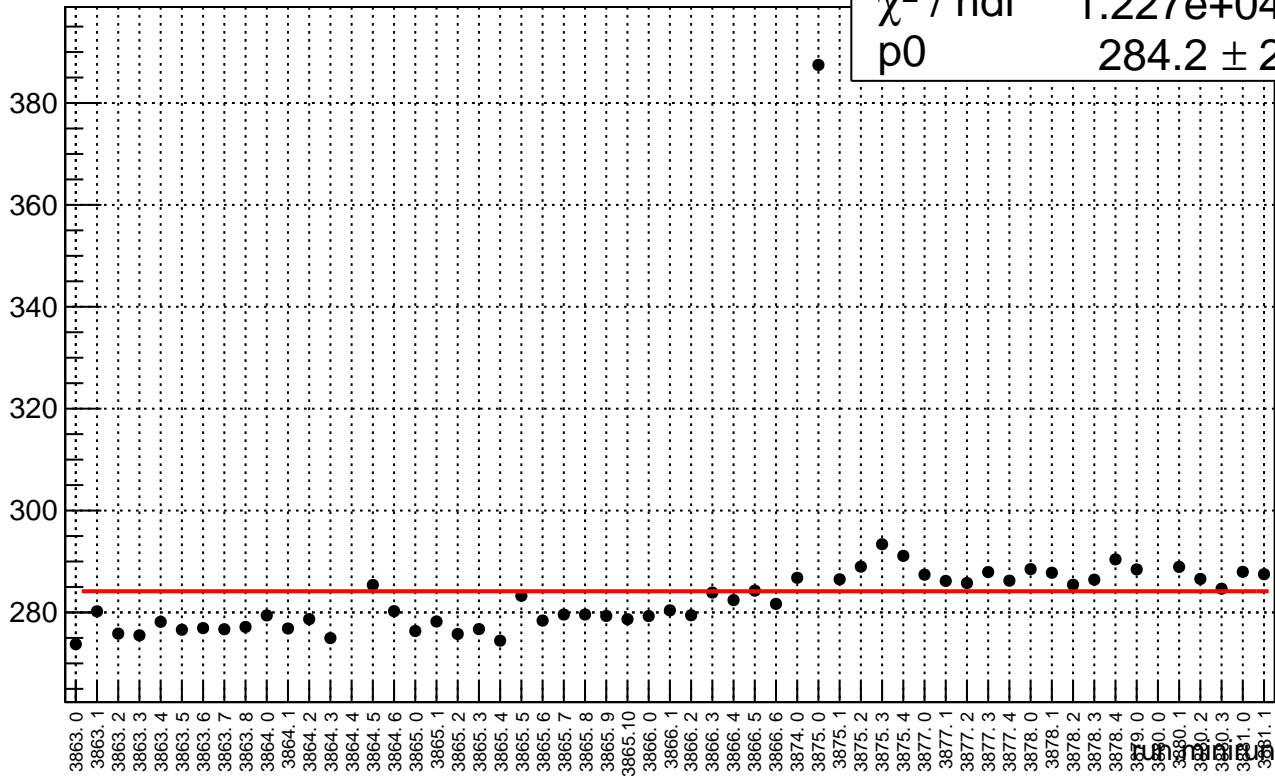
reg\_asym\_atl1r2\_avg\_mean/ppm



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

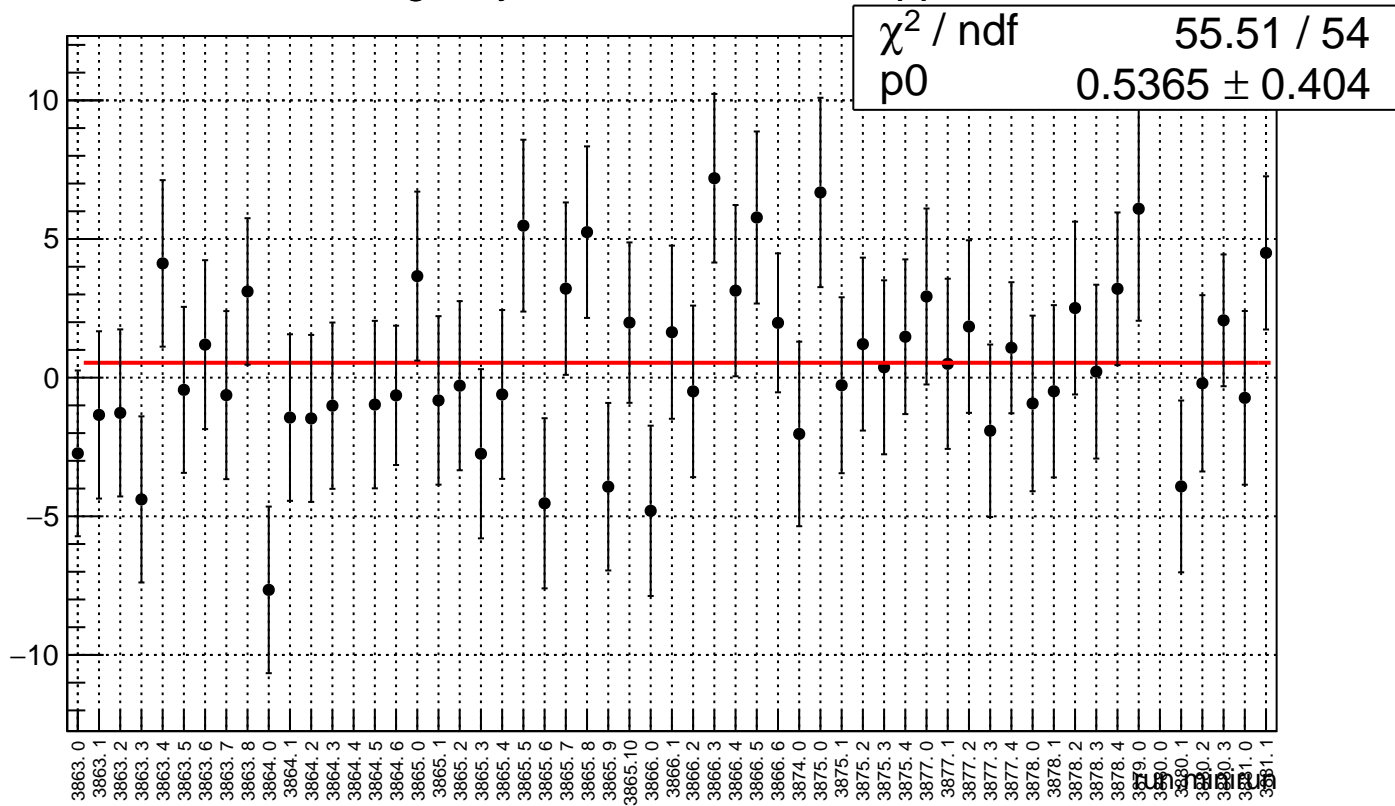
reg\_asym\_atl1r2\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  1.227e+04 / 54  
 p0 284.2 ± 2.032



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

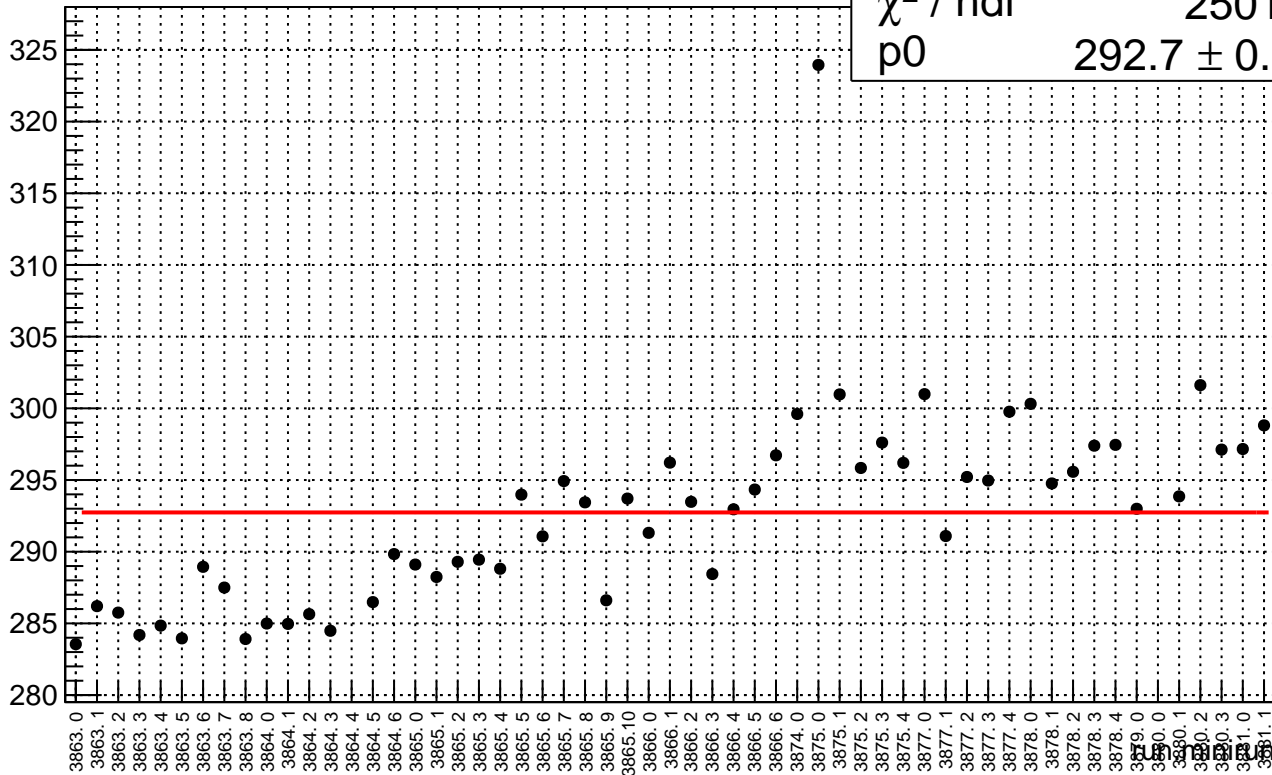
reg\_asym\_atl1r2\_dd\_mean/ppm



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

reg\_asym\_atl1r2\_dd\_rms/ppm

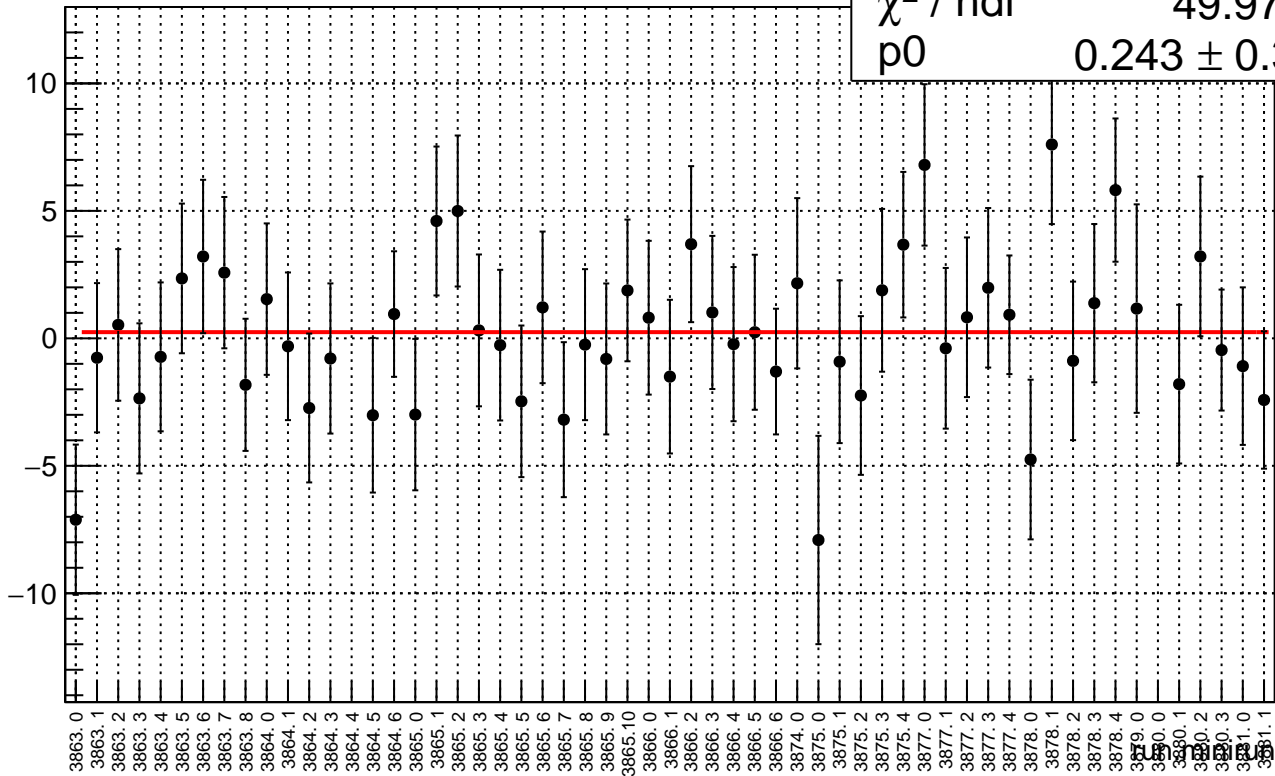
$\chi^2 / \text{ndf}$  2501 / 54  
 p0  $292.7 \pm 0.9177$



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

reg\_asym\_atr1l2\_avg\_mean/ppm

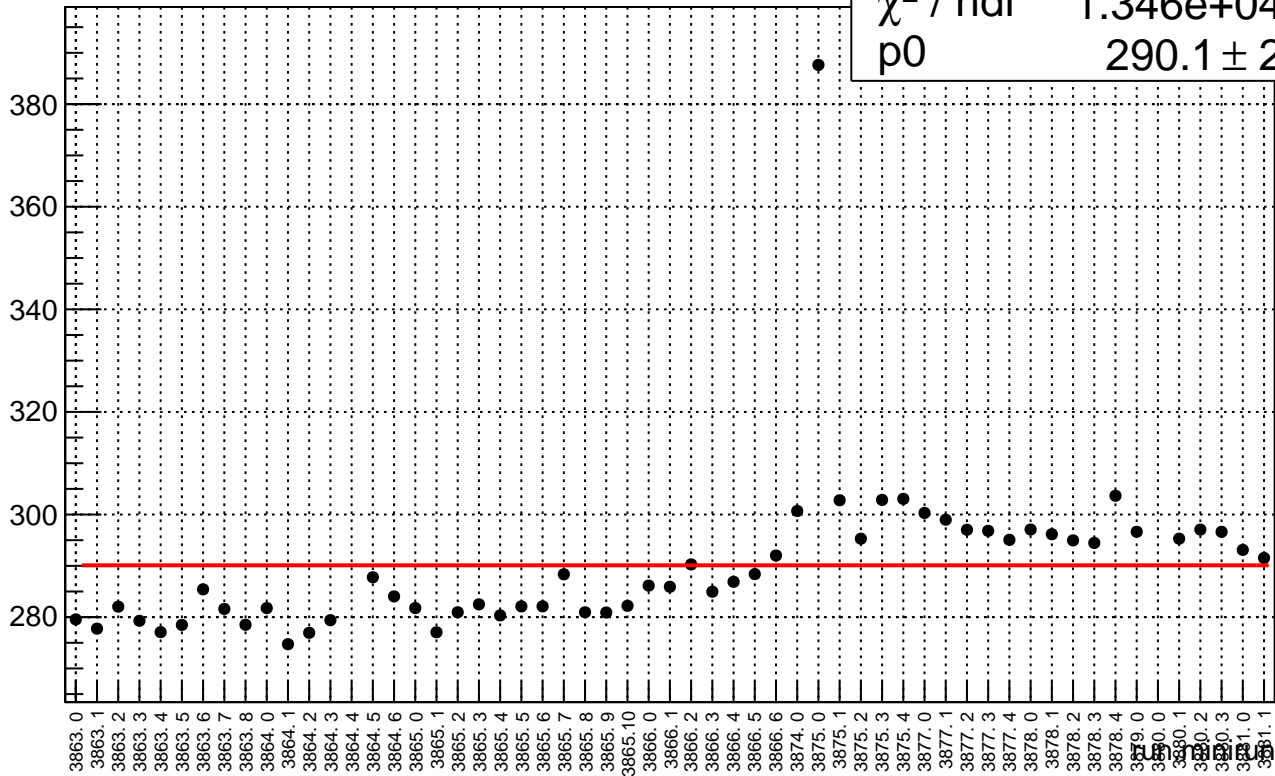
$\chi^2 / \text{ndf}$  49.97 / 54  
 p0  $0.243 \pm 0.3992$



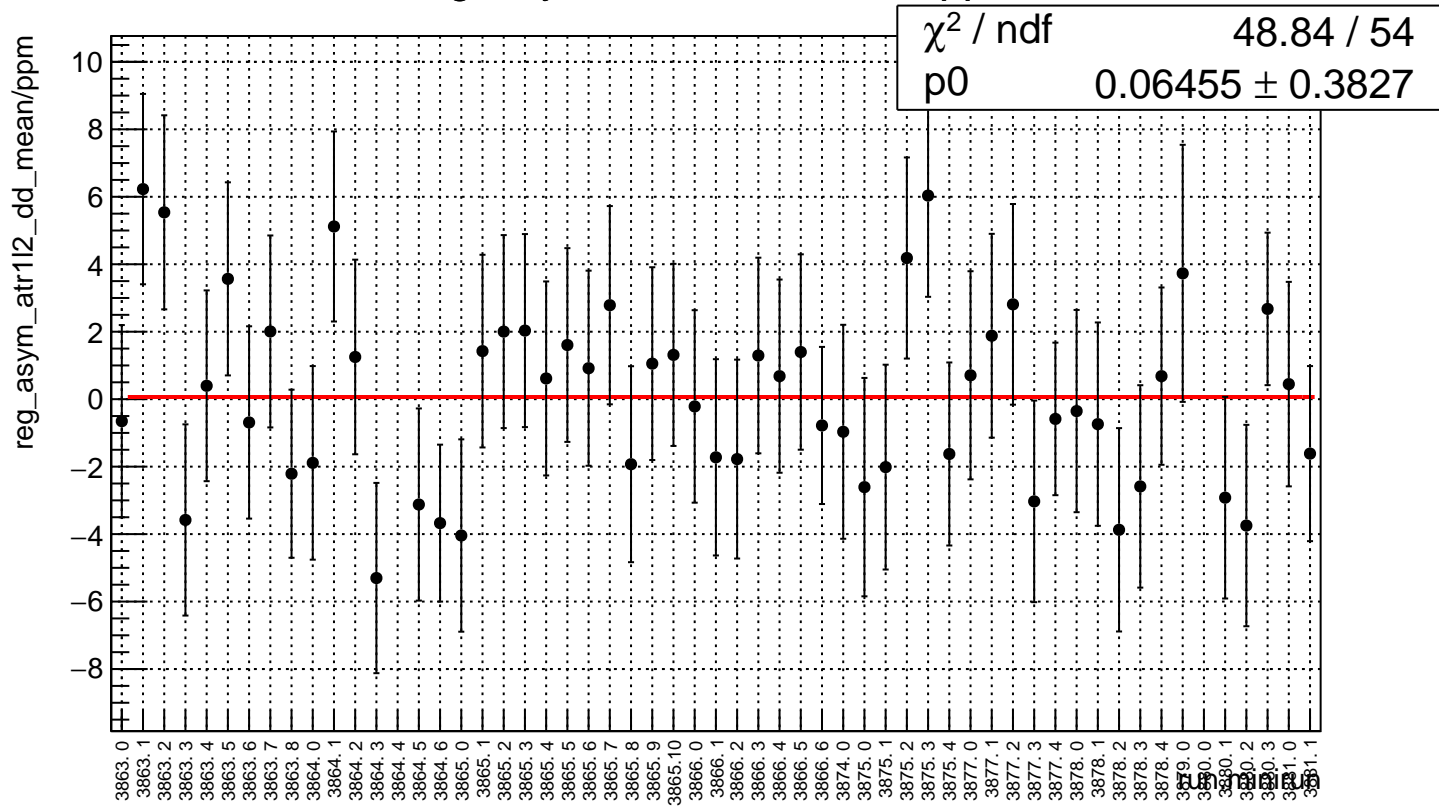
# reg\_asym\_atr1l2\_avg\_rms/ppm

reg\_asym\_atr1l2\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  1.346e+04 / 54  
 p0 290.1 ± 2.129

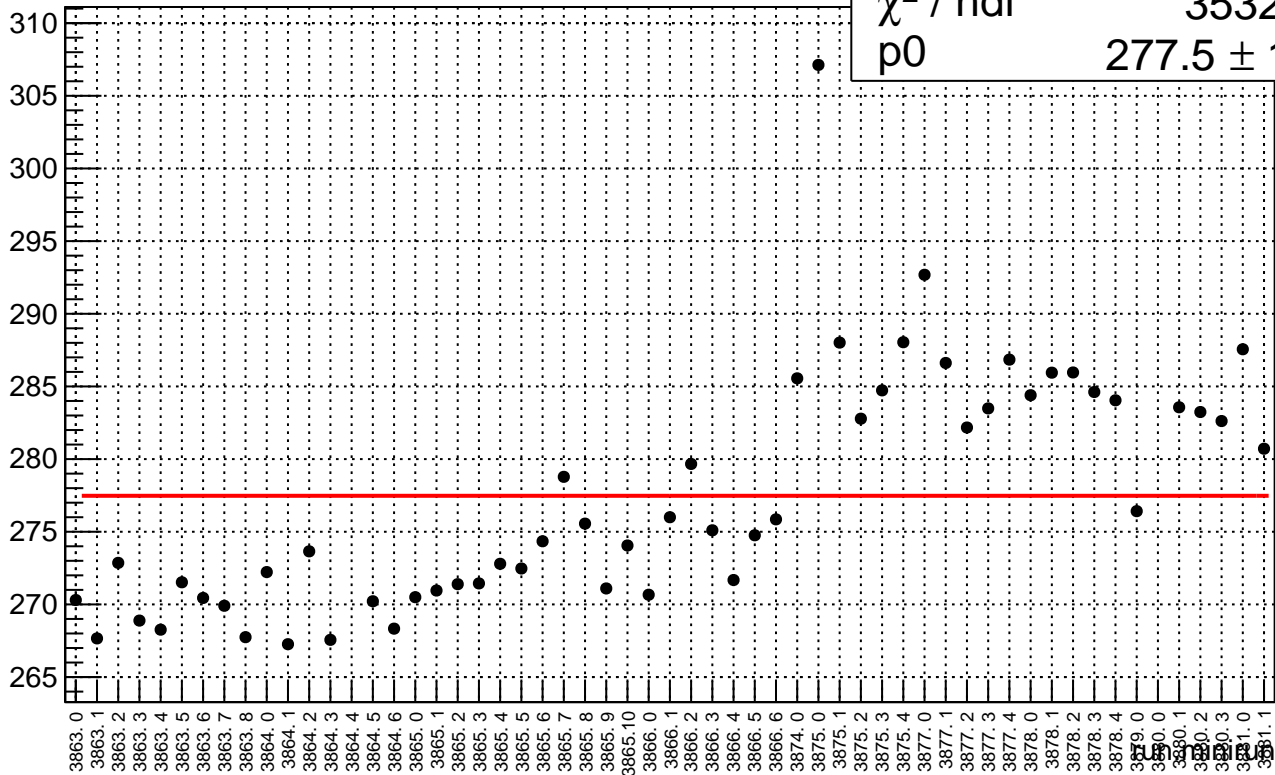


# reg\_asym\_atr1l2\_dd\_mean/ppm



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

reg\_asym\_atr1l2\_dd\_rms/ppm

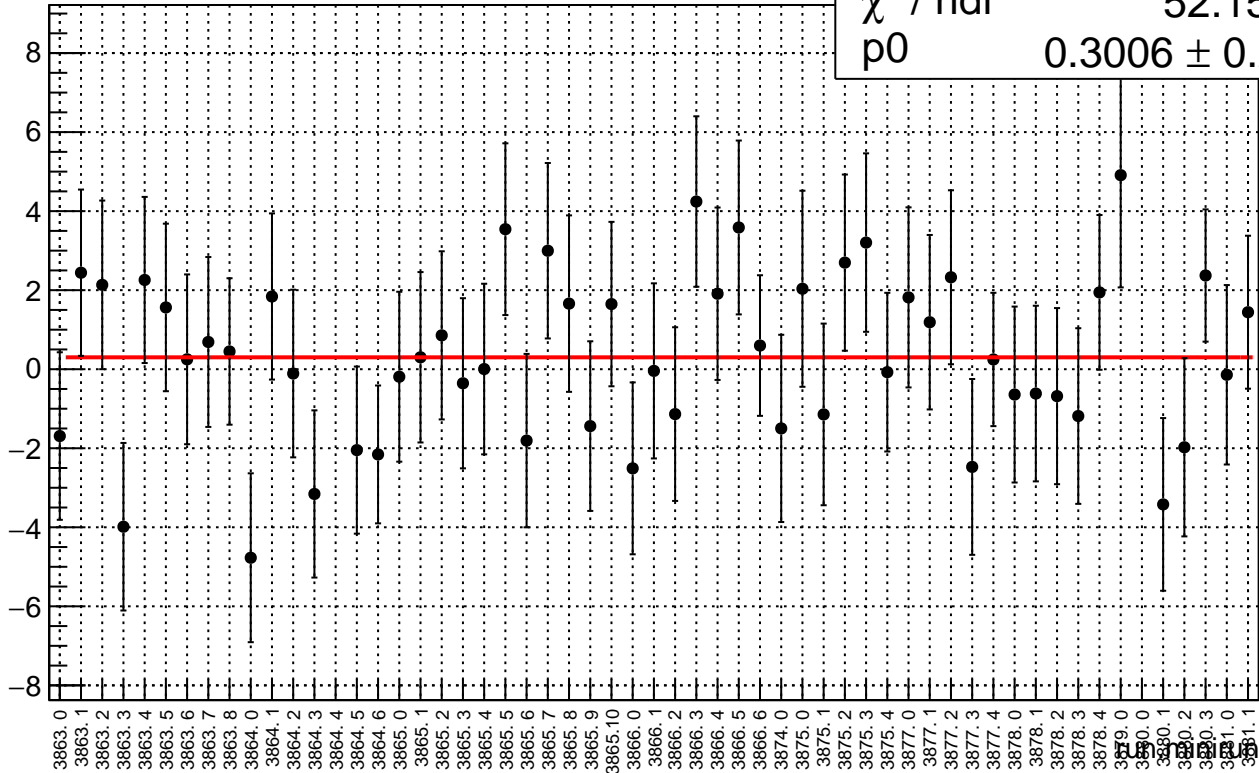




# reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  52.15 / 54  
 p0  $0.3006 \pm 0.2865$

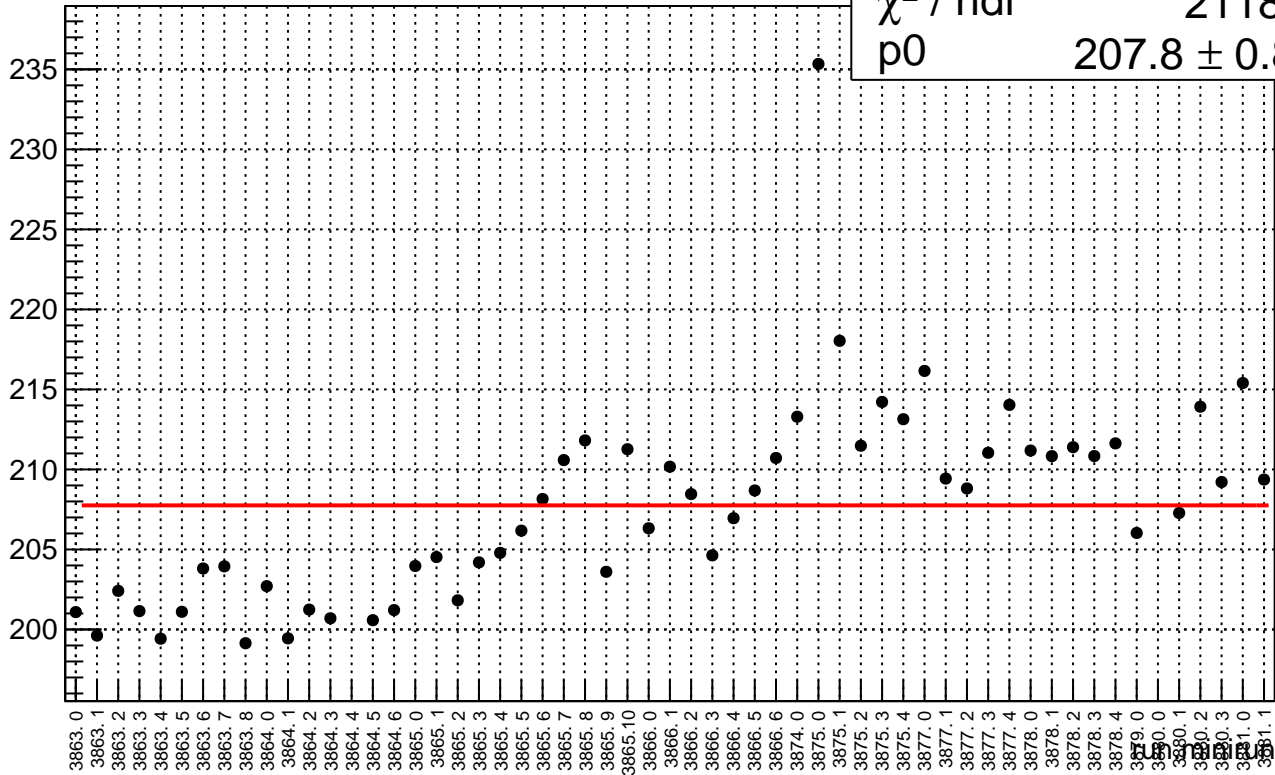
reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm



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

$\chi^2 / \text{ndf}$  2118 / 54  
 p0 207.8 ± 0.8445

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



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

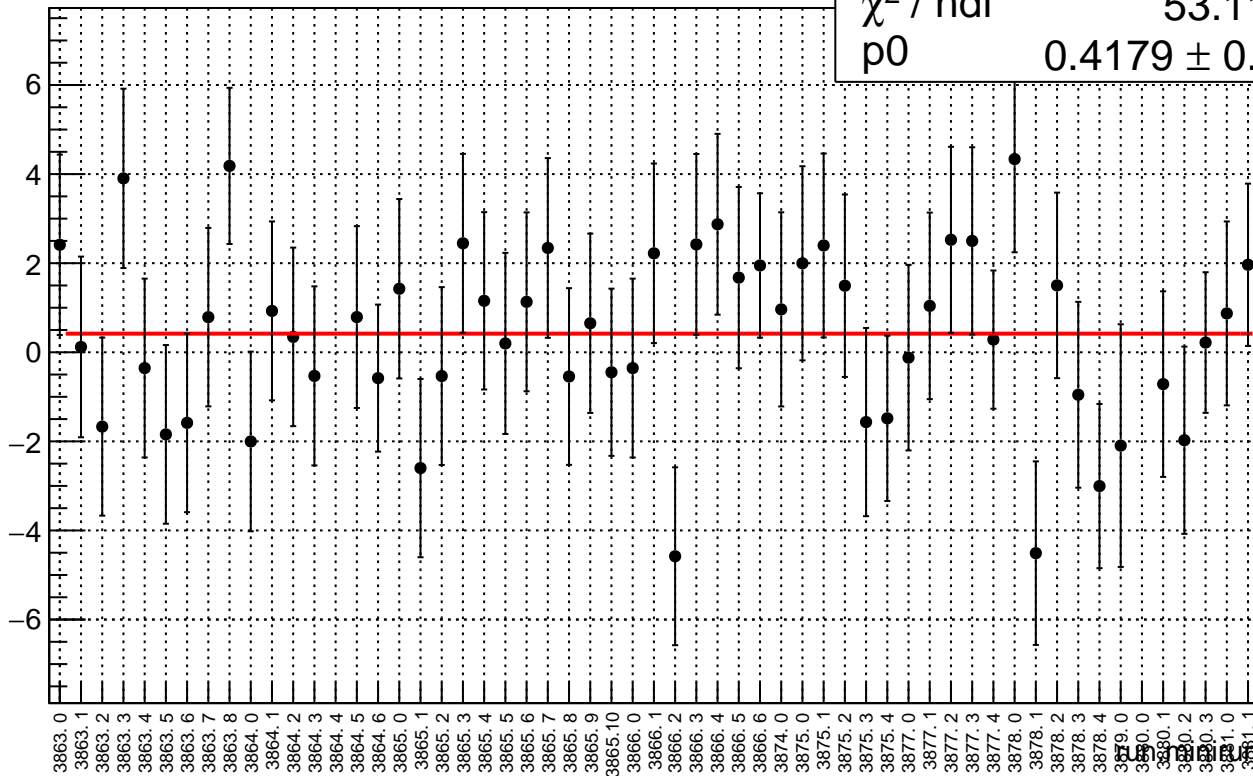
$\chi^2 / \text{ndf}$

53.11 / 54

p0

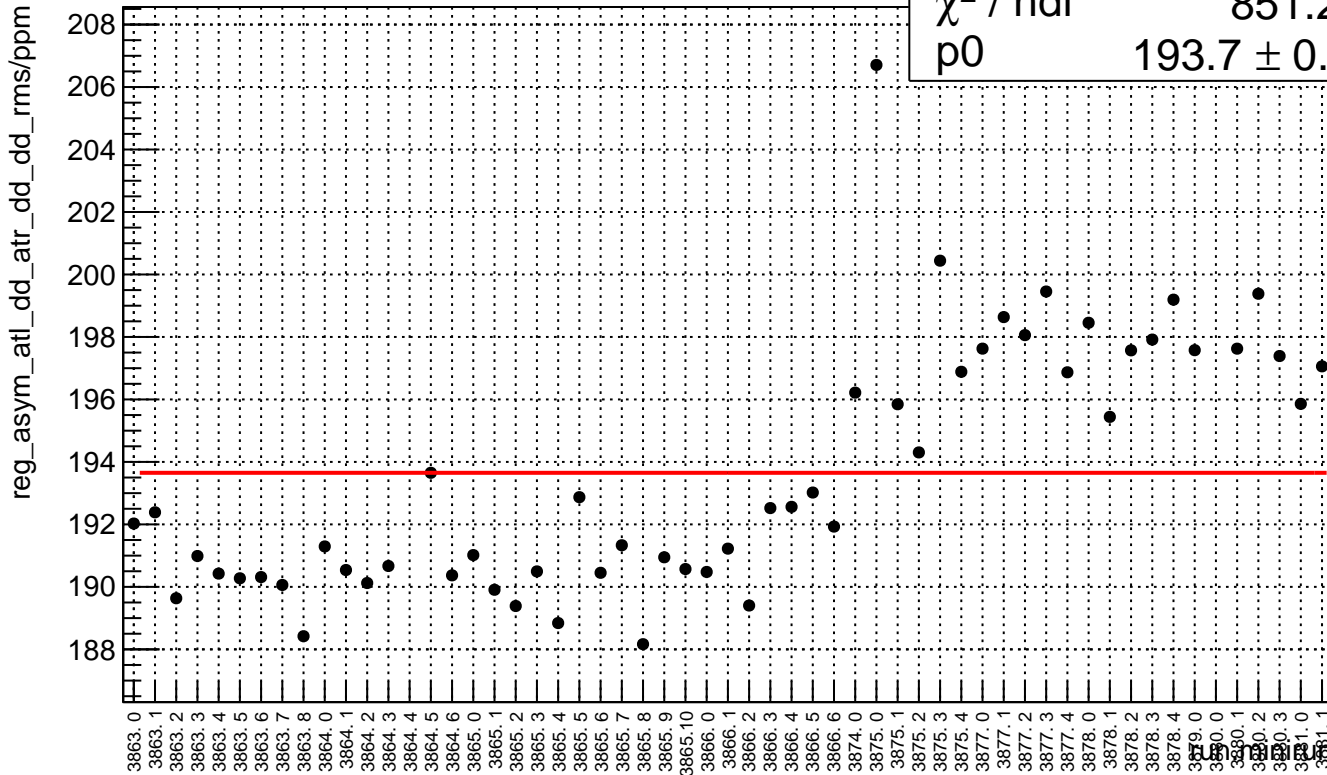
$0.4179 \pm 0.2672$

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



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

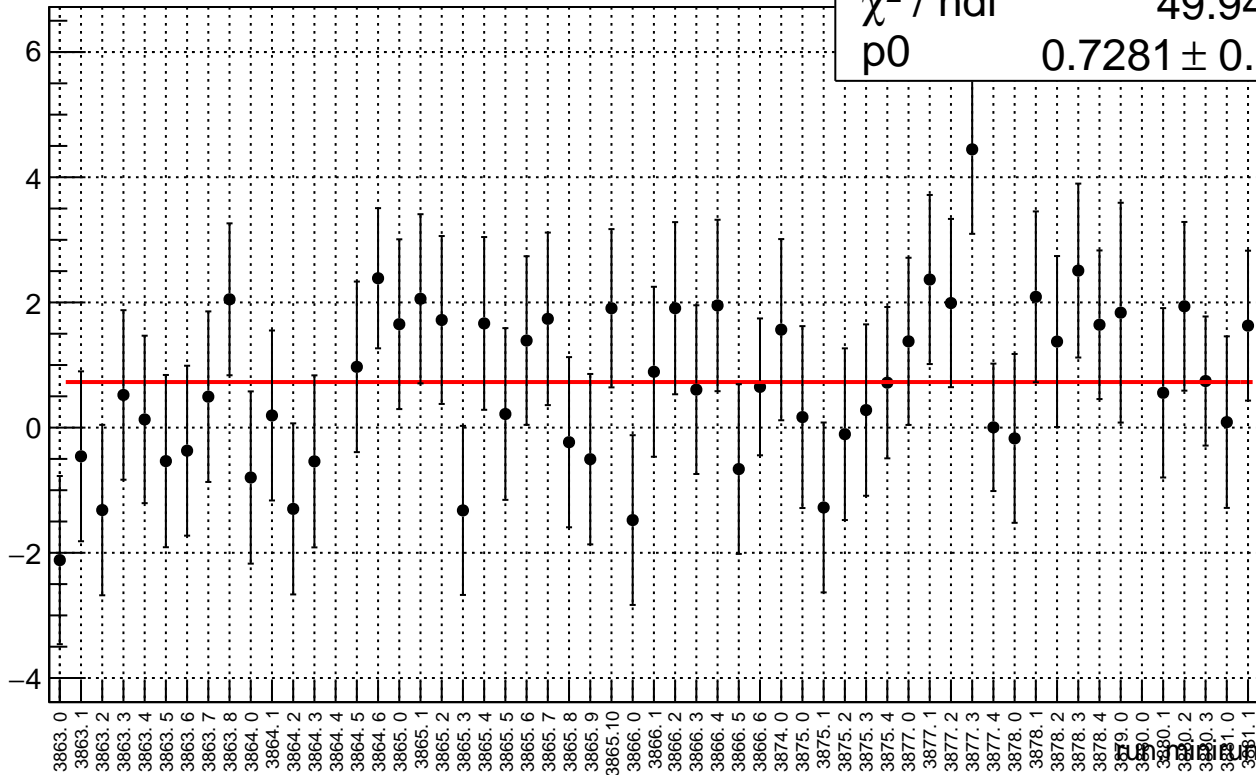
$\chi^2 / \text{ndf}$  851.2 / 54  
p0 193.7  $\pm$  0.5354



# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

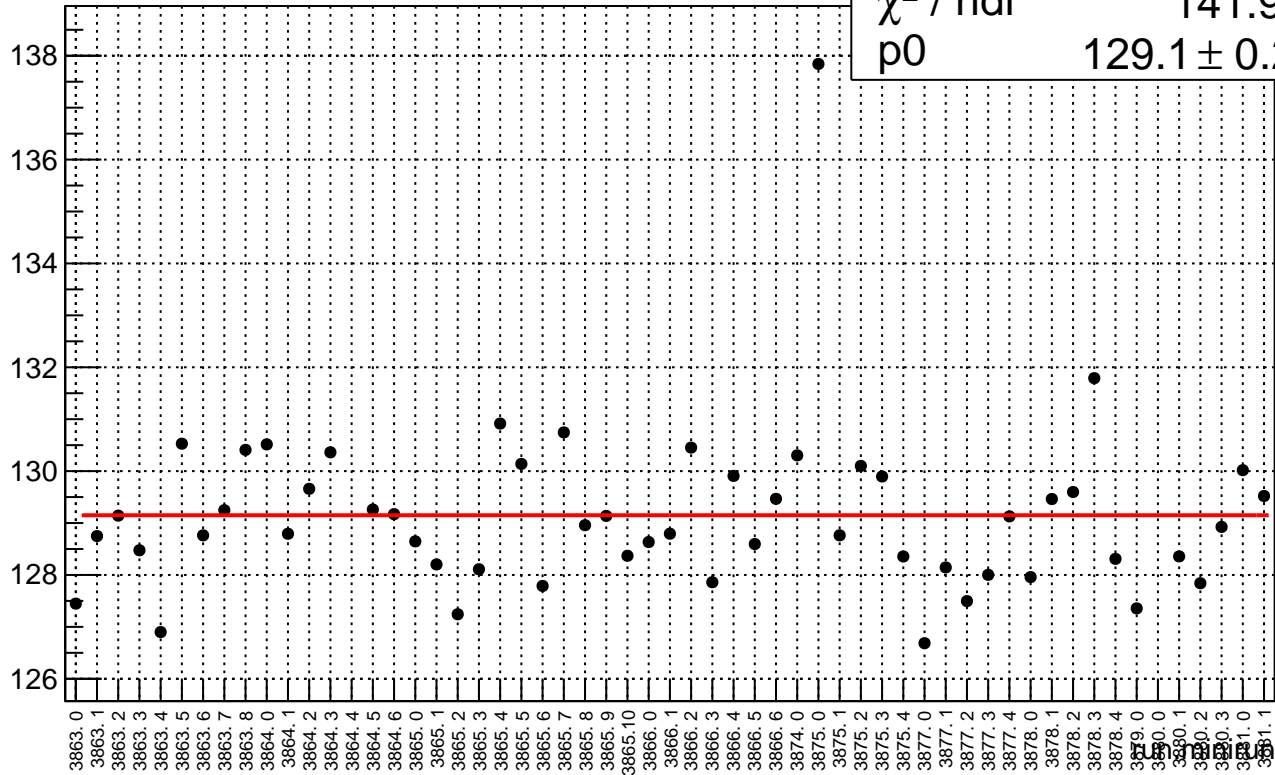
$\chi^2 / \text{ndf}$  49.94 / 54  
 p0  $0.7281 \pm 0.1782$



# reg\_asym\_usl\_rms/ppm

reg\_asym\_usl\_rms/ppm

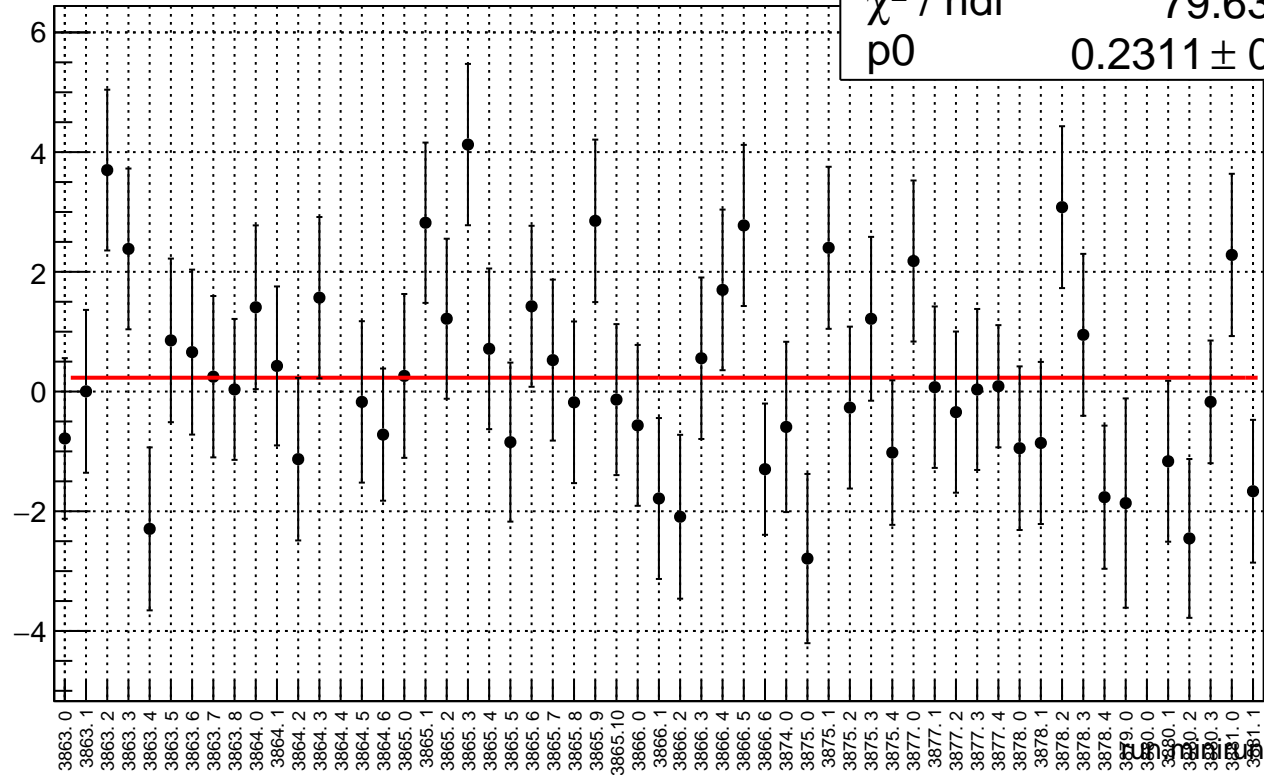
$\chi^2 / \text{ndf}$  141.9 / 54  
 p0  $129.1 \pm 0.2186$



# reg\_asym\_usr\_mean/ppm

reg\_asym\_usr\_mean/ppm

$\chi^2 / \text{ndf}$  79.63 / 54  
 p0  $0.2311 \pm 0.177$

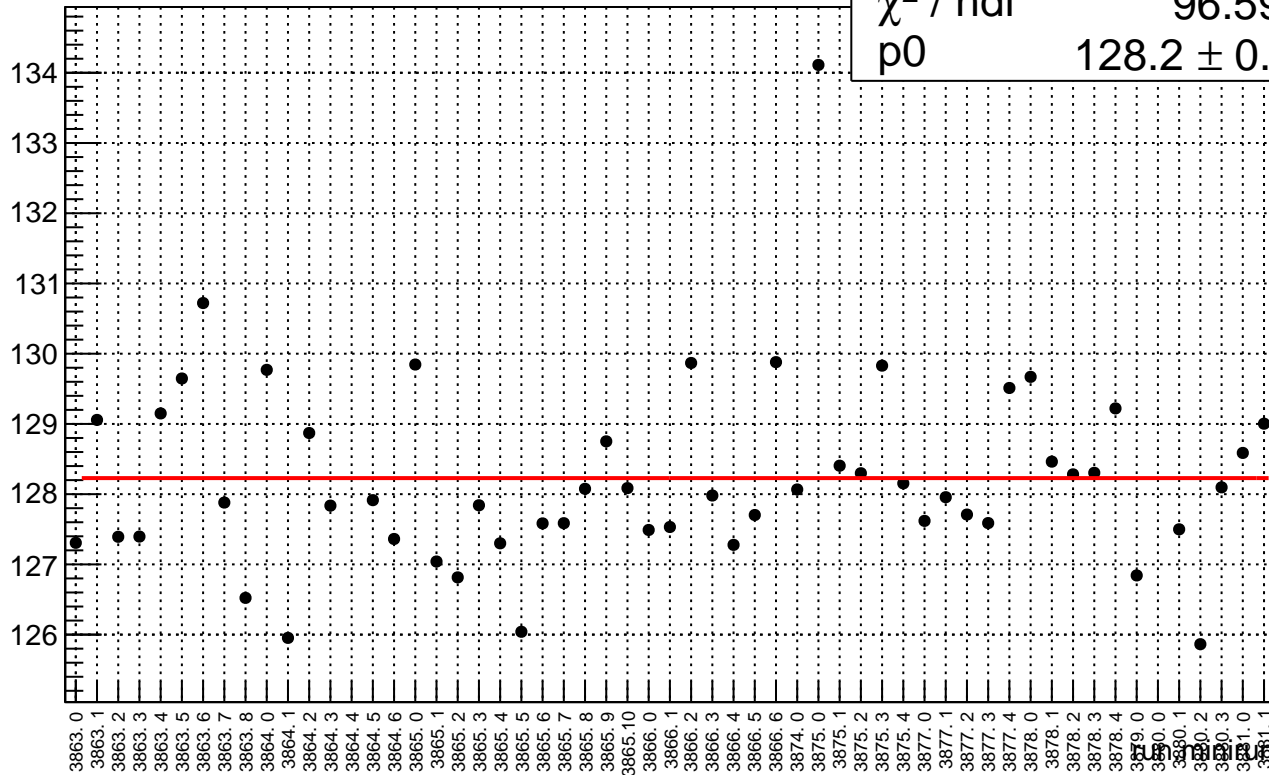


reg\_asym\_usr\_rms/ppm

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

96.59 / 54  
 $128.2 \pm 0.1803$

reg\_asym\_usr\_rms/ppm

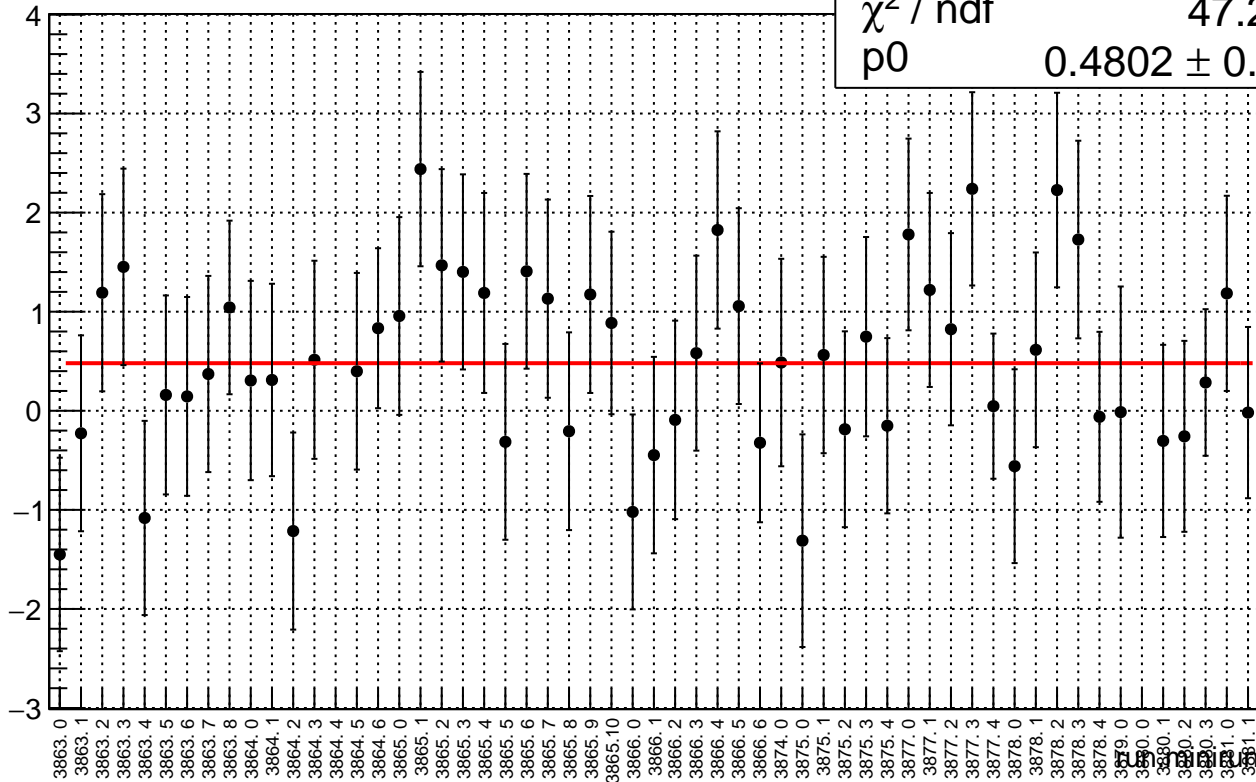




reg\_asym\_us\_avg\_mean/ppm

reg\_asym\_us\_avg\_mean/ppm

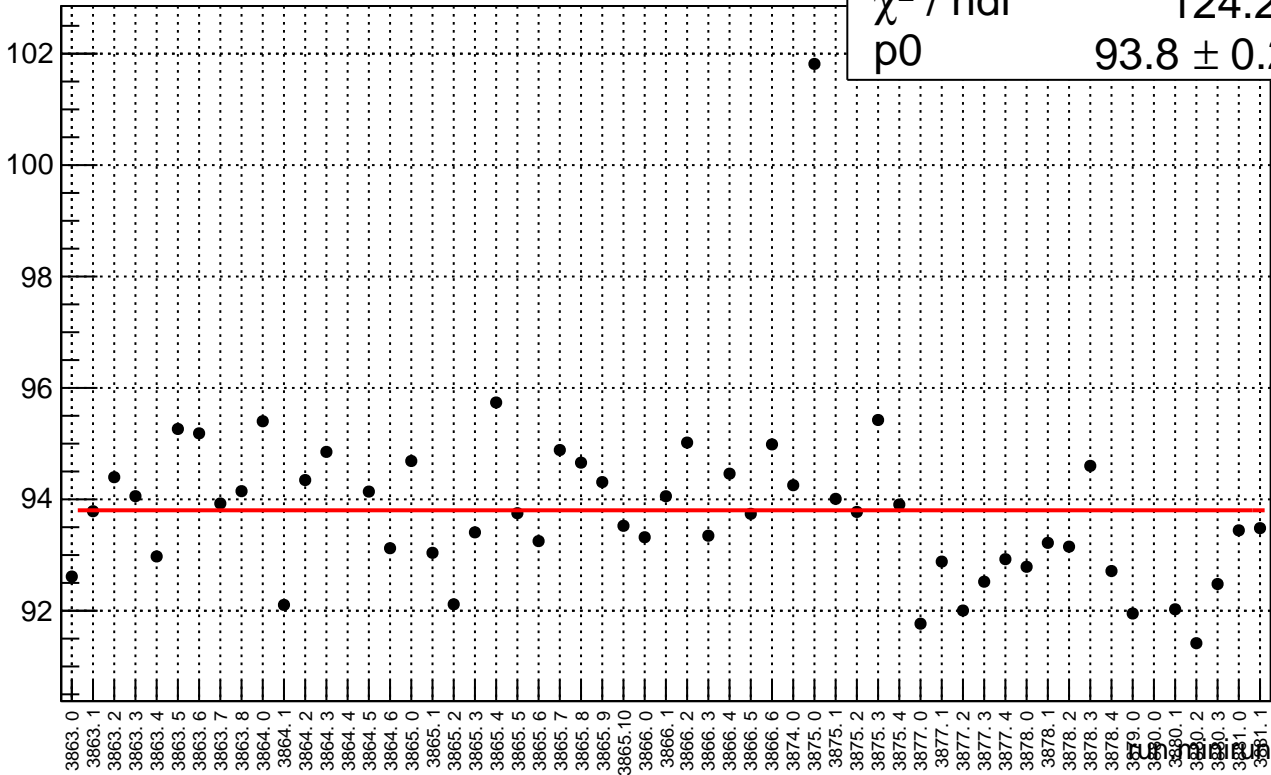
$\chi^2 / \text{ndf}$  47.2 / 54  
p0  $0.4802 \pm 0.1294$



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

reg\_asym\_us\_avg\_rms/ppm

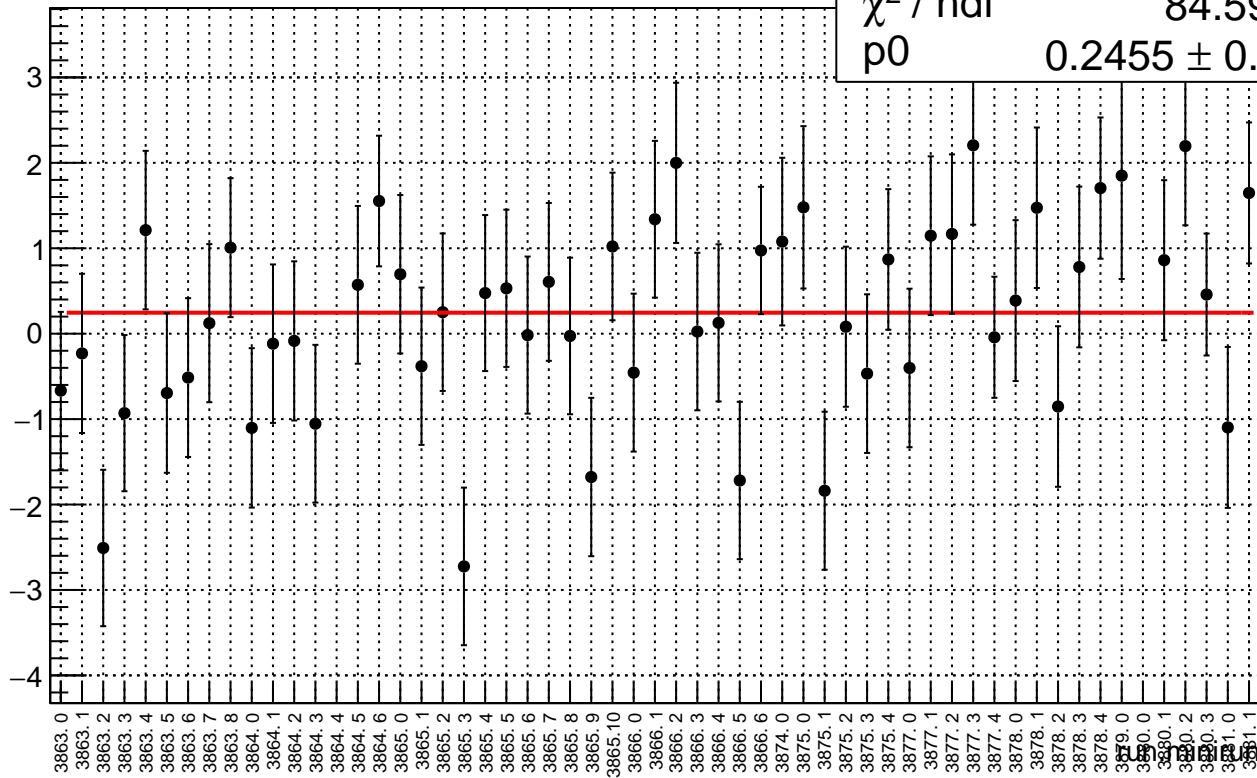
$\chi^2 / \text{ndf}$  124.2 / 54  
 p0  $93.8 \pm 0.2045$



reg\_asym\_us\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  84.59 / 54  
p0  $0.2455 \pm 0.1216$

reg\_asym\_us\_dd\_mean/ppm



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

reg\_asym\_us\_dd\_rms/ppm

