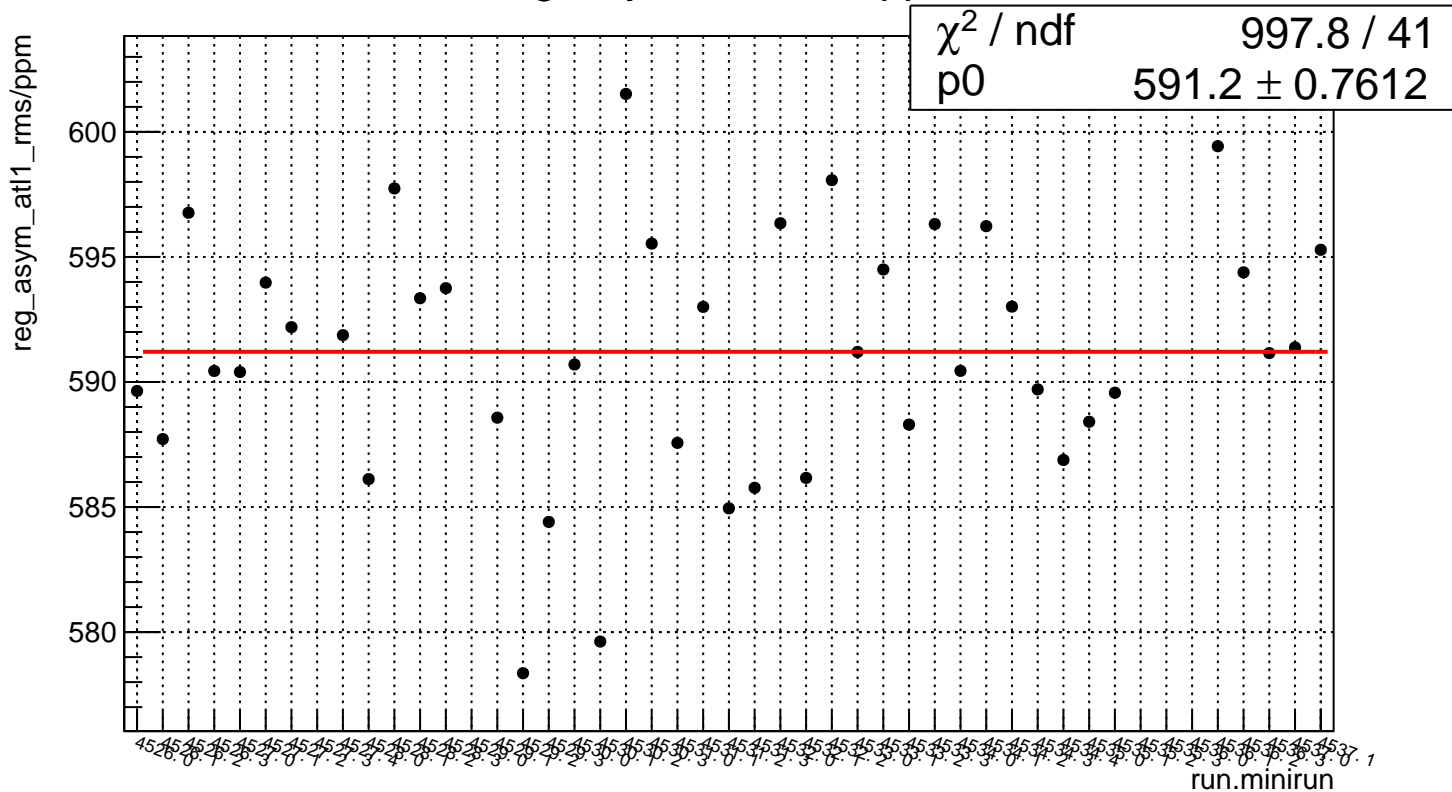




## reg\_asym\_atl1\_rms/ppm



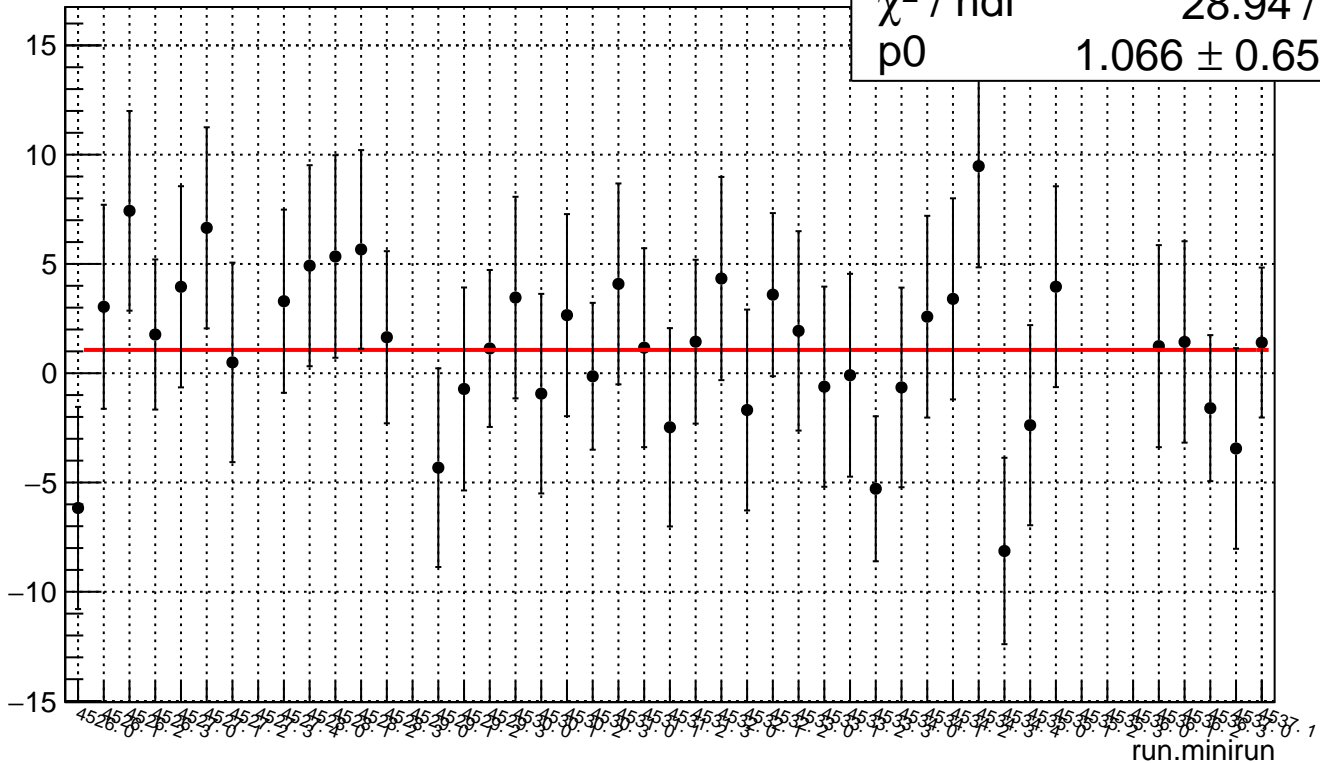




reg\_asym\_atr1\_mean/ppm

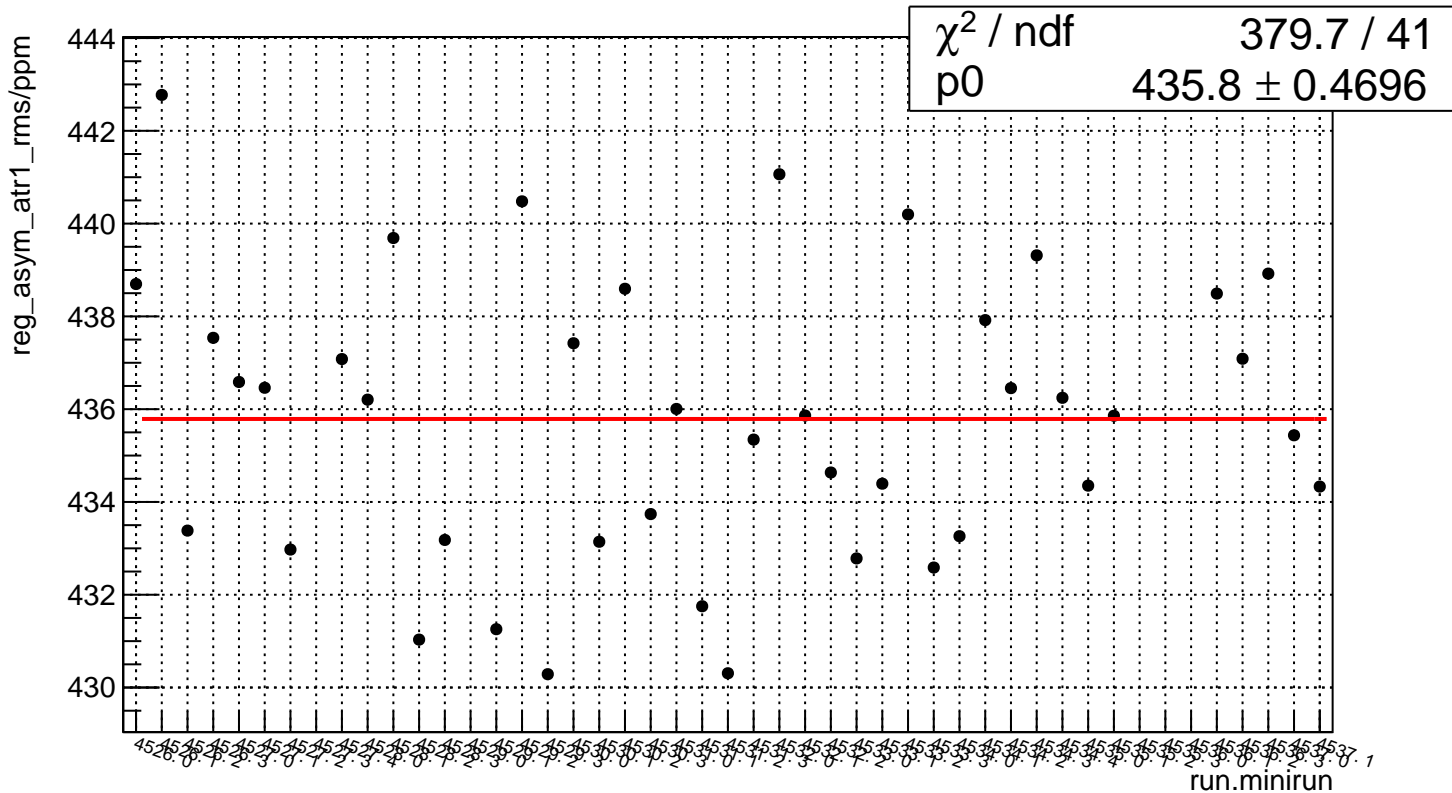
$\chi^2 / \text{ndf}$  28.94 / 41  
p0  $1.066 \pm 0.6589$

reg\_asym\_atr1\_mean/ppm



run.minirun

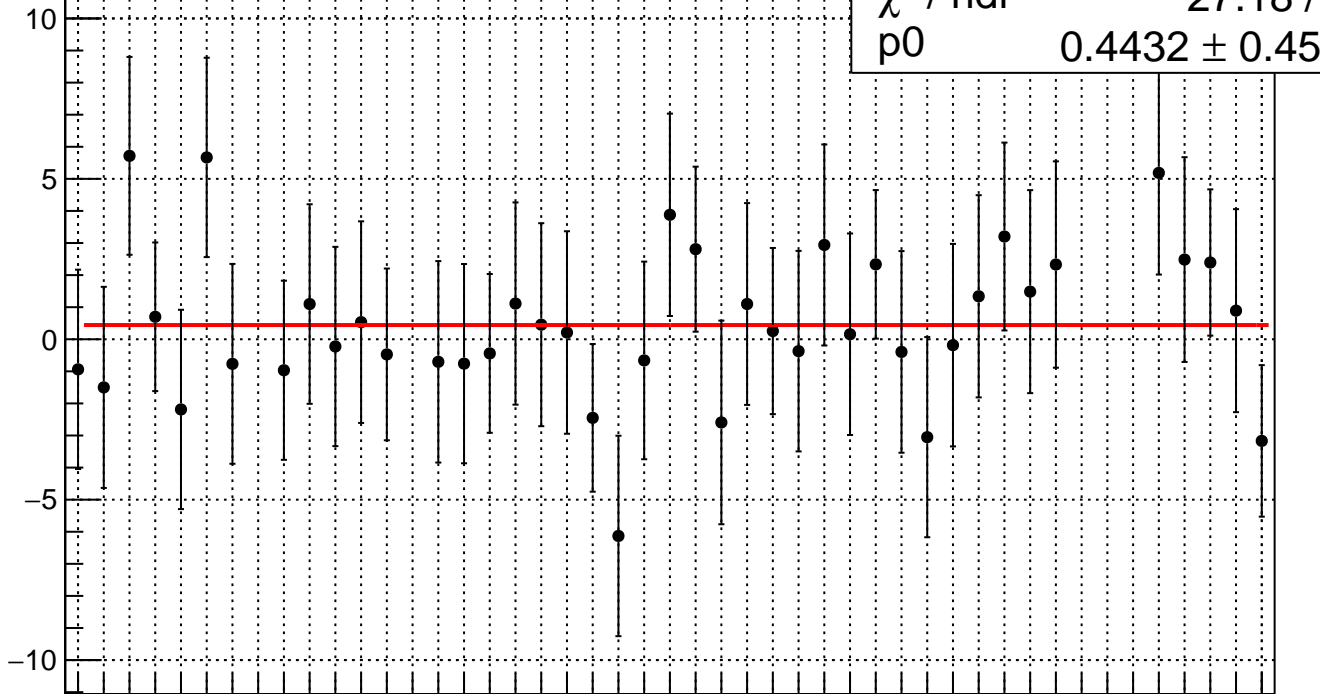
## reg\_asym\_atr1\_rms/ppm



reg\_asym\_atr2\_mean/ppm

$\chi^2 / \text{ndf}$  27.18 / 41  
p0 0.4432  $\pm$  0.4504

reg\_asym\_atr2\_mean/ppm

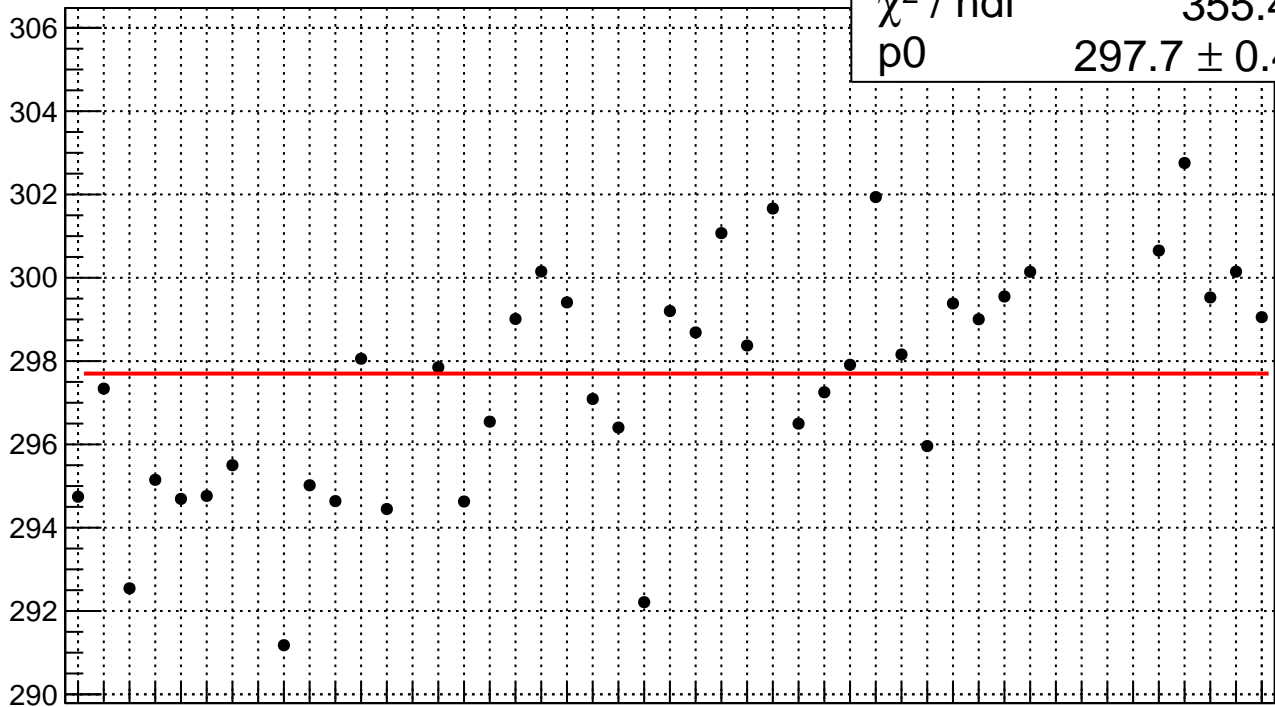


run.minirun

# reg\_asym\_atr2\_rms/ppm

reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$  355.4 / 41  
 p0 297.7 ± 0.4543



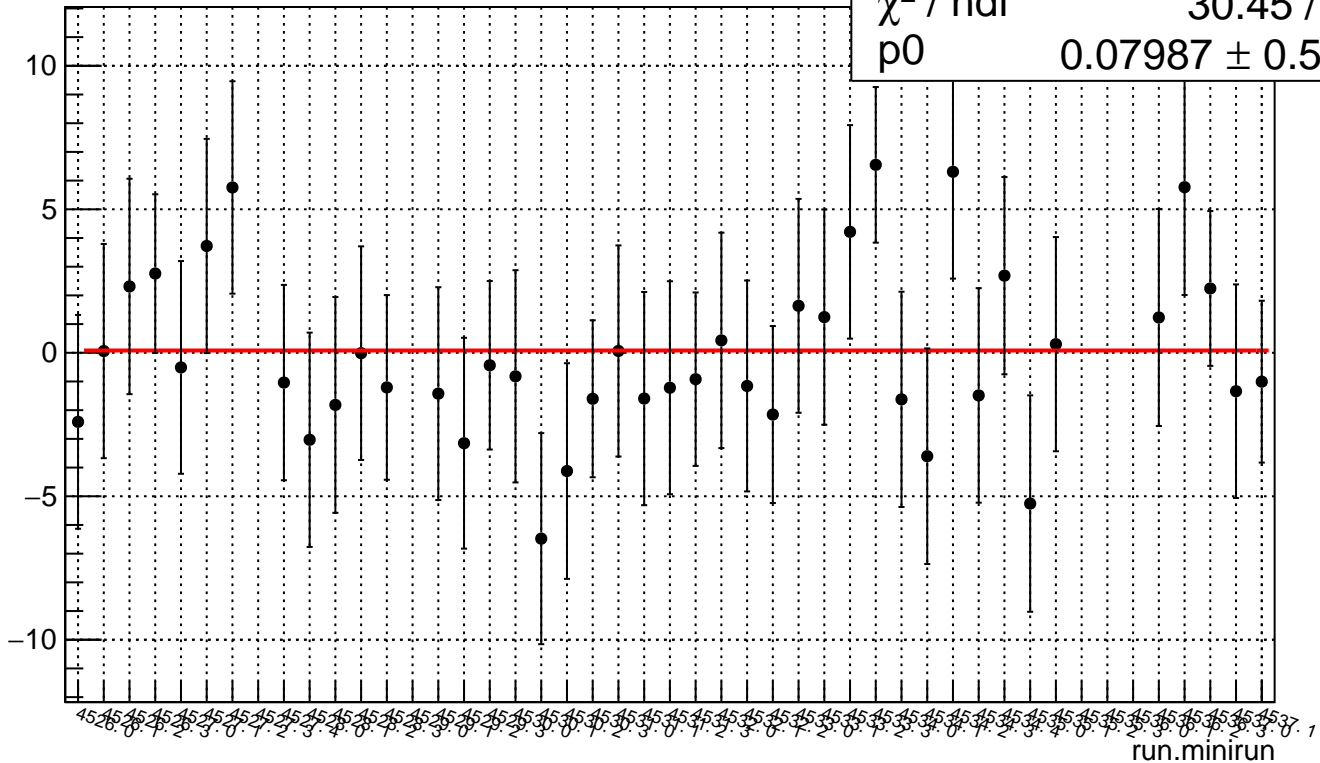
run.minirun



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

reg\_asym\_atl\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  30.45 / 41  
 p0  $0.07987 \pm 0.535$

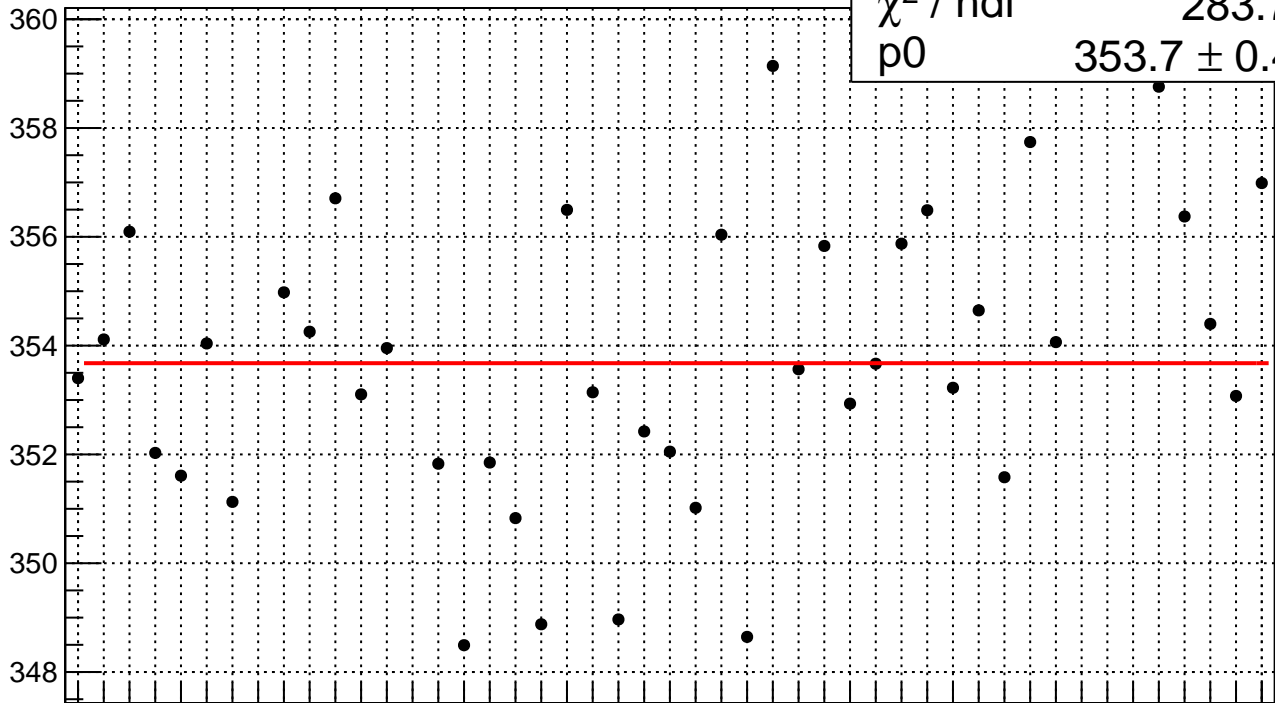


run.minirun

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

reg\_asym\_atl\_avg\_rms/ppm

$\chi^2 / \text{ndf}$	283.7 / 41
p0	$353.7 \pm 0.4059$

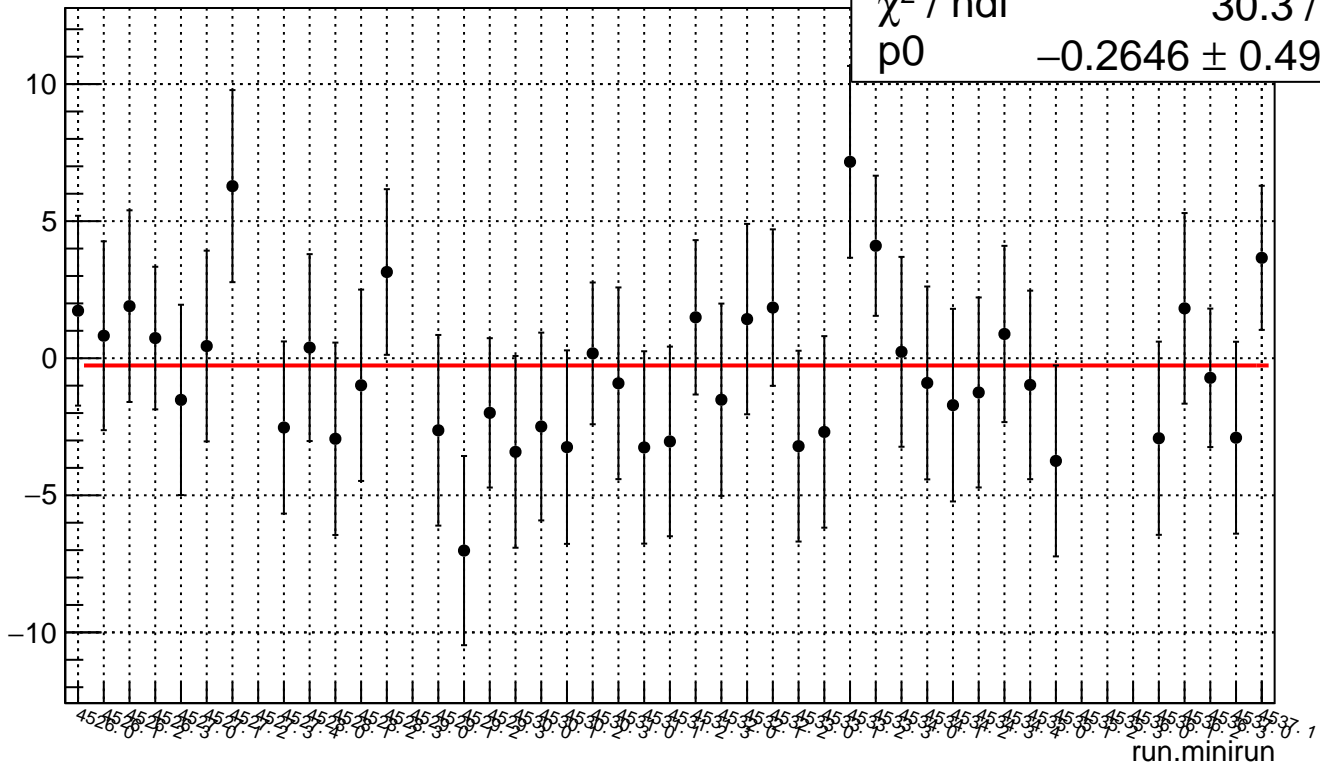


run.minirun

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

reg\_asym\_atl\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  30.3 / 41  
 p0  $-0.2646 \pm 0.4999$

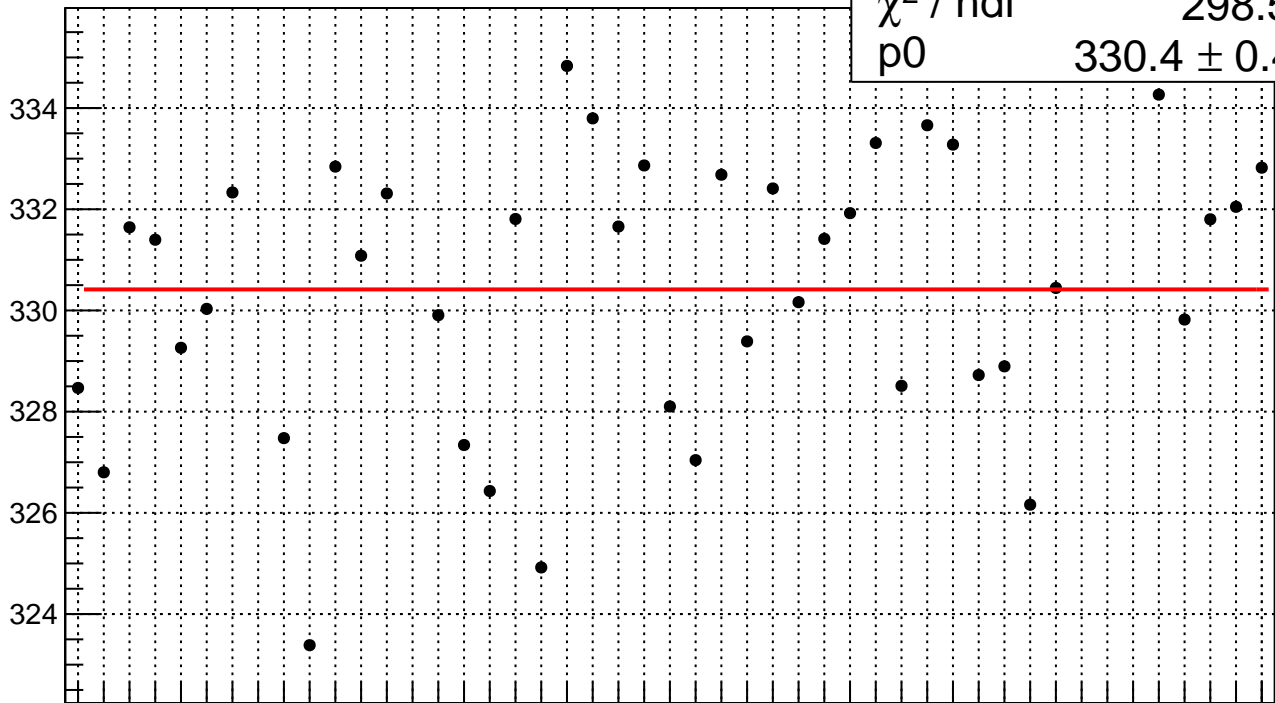


run.minirun

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

reg\_asym\_atl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  298.5 / 41  
 p0  $330.4 \pm 0.4163$



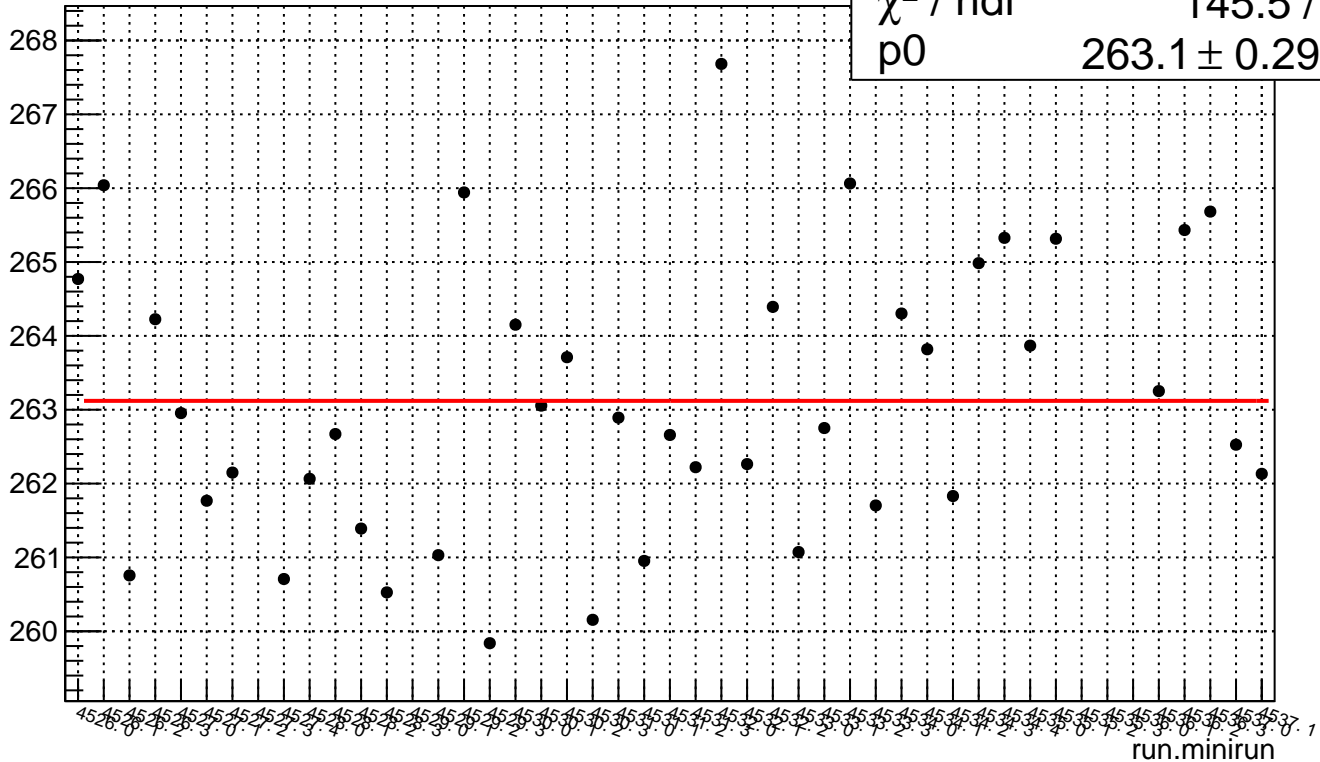
run.minirun



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

reg\_asym\_atr\_avg\_rms/ppm

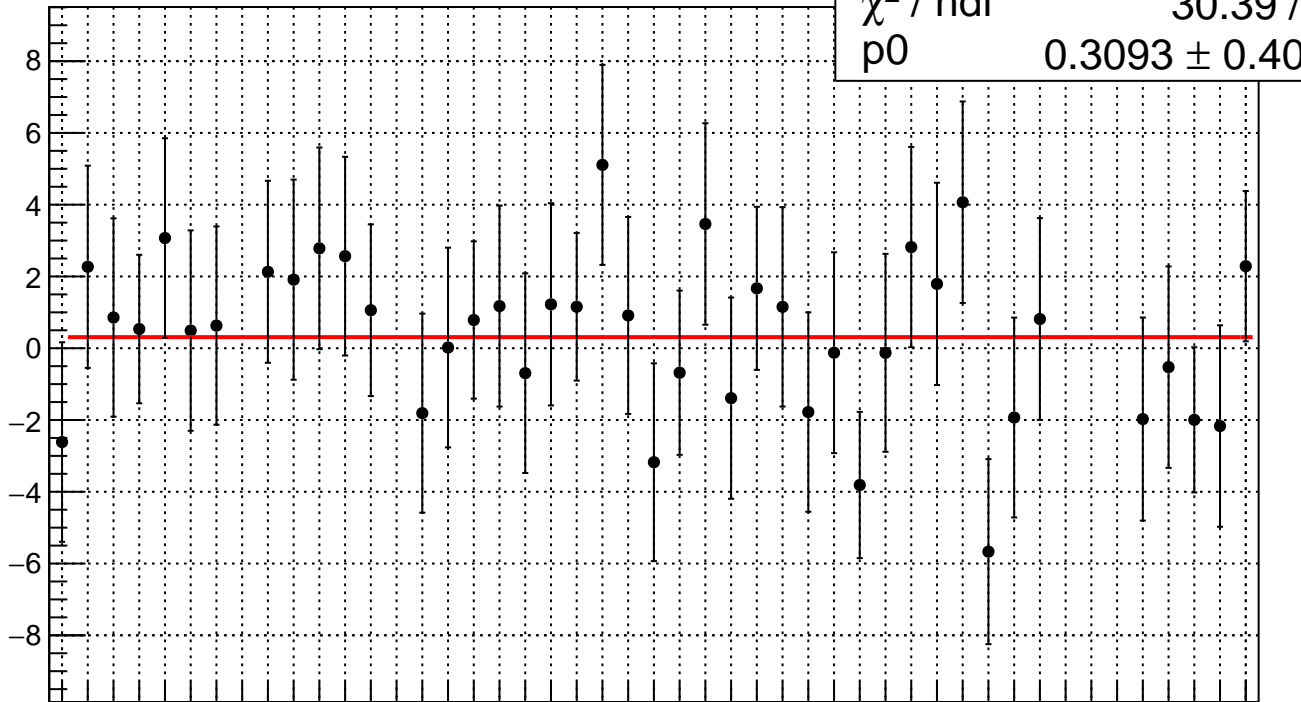
$\chi^2 / \text{ndf}$  145.5 / 41  
 p0  $263.1 \pm 0.2907$



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

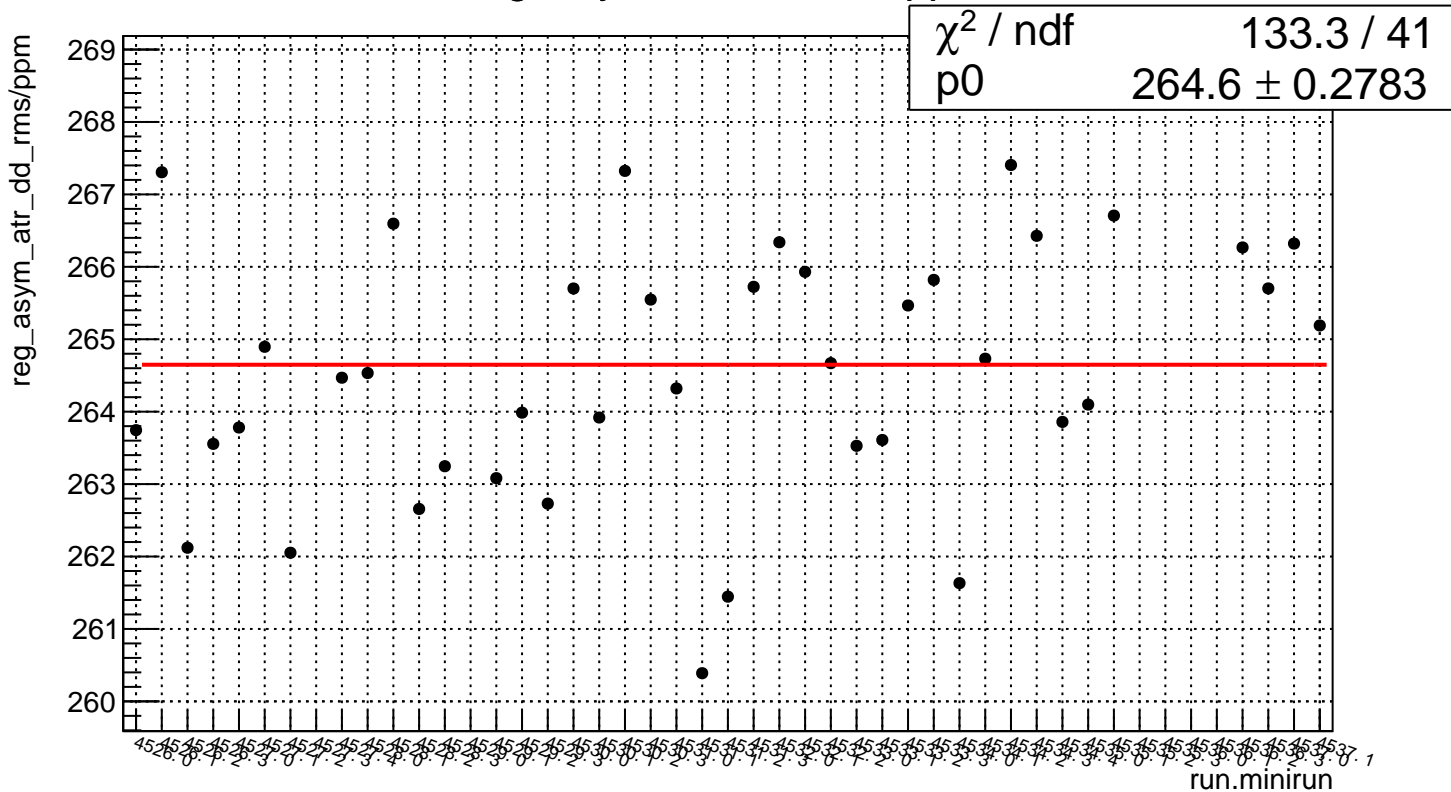
reg\_asym\_atr\_dd\_mean/ppm

$\chi^2 / \text{ndf}$  30.39 / 41  
 p0  $0.3093 \pm 0.4003$



run.minirun

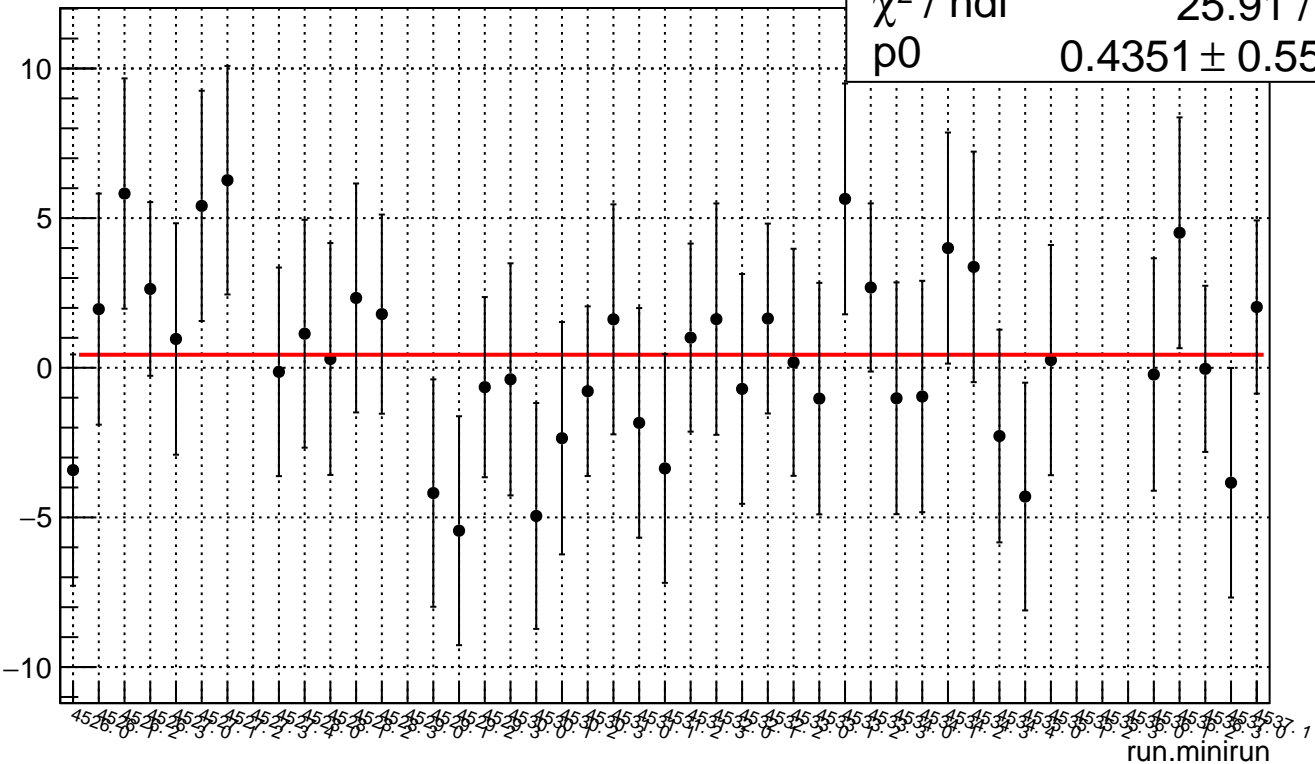
# reg\_asym\_atr\_dd\_rms/ppm





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

reg\_asym\_at1\_avg\_mean/ppm

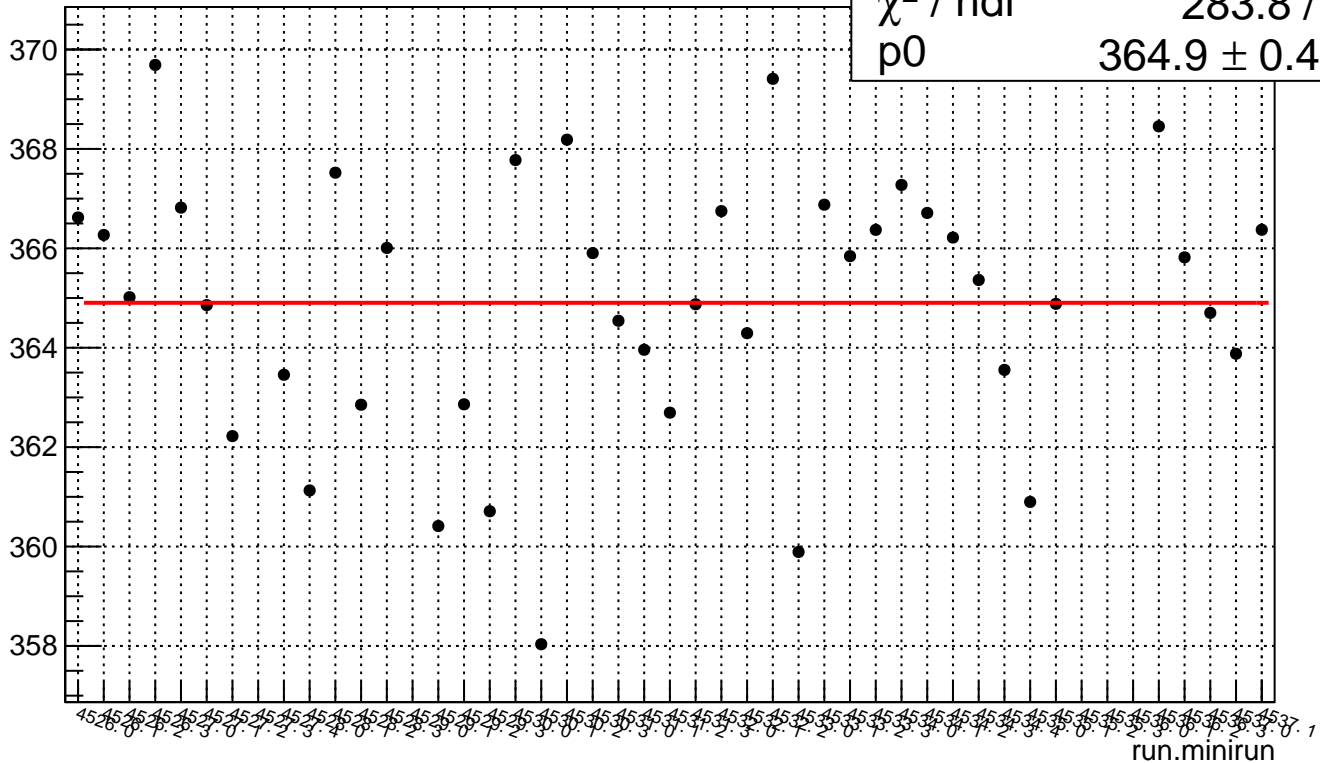


run.minirun

reg\_asym\_at1\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  283.8 / 41  
p0  $364.9 \pm 0.406$

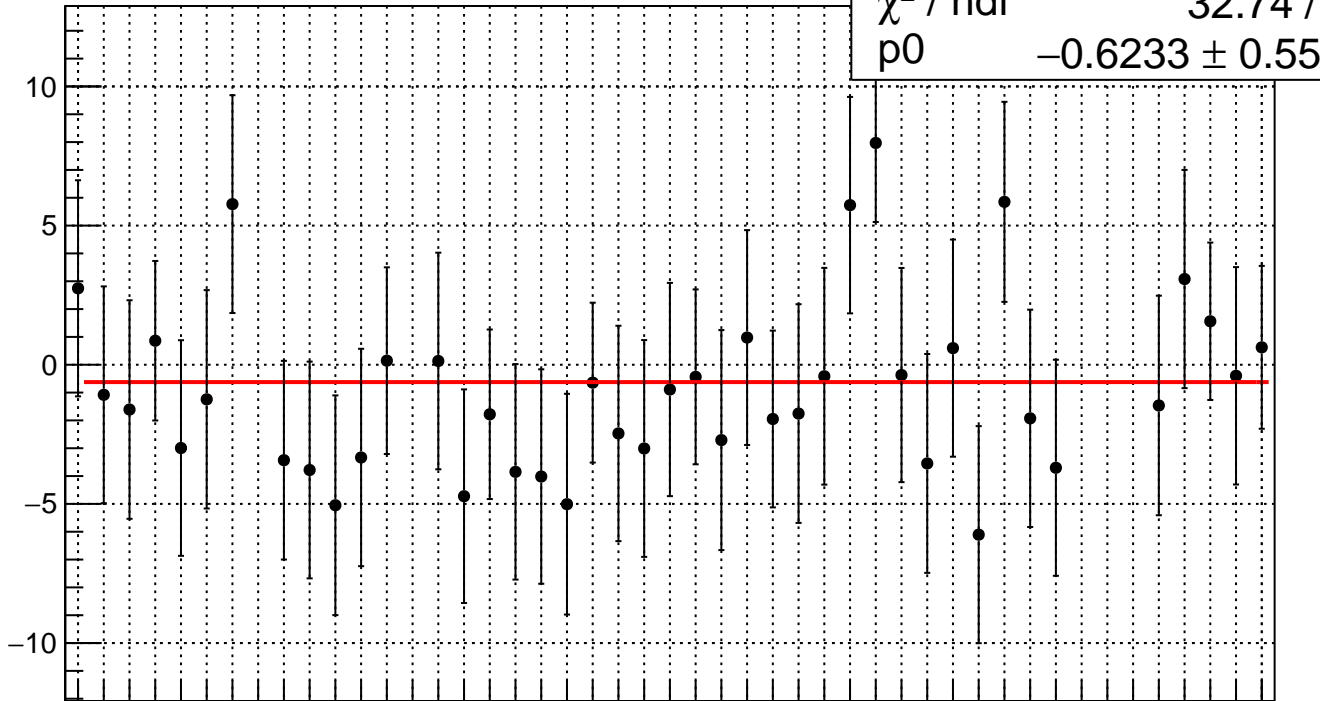
reg\_asym\_at1\_avg\_rms/ppm



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

$\chi^2 / \text{ndf}$  32.74 / 41  
 p0  $-0.6233 \pm 0.5588$

reg\_asym\_at1\_dd\_mean/ppm



run.minirun

reg\_asym\_at1\_dd\_rms/ppm

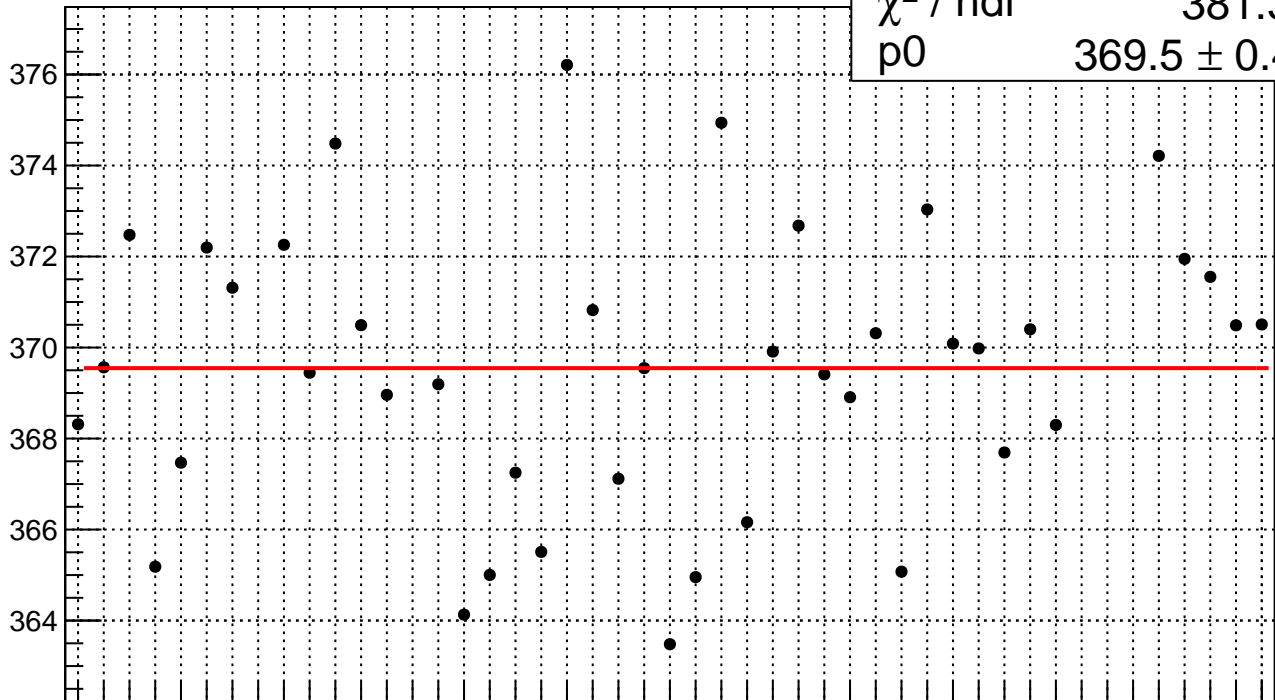
$\chi^2 / \text{ndf}$

381.3 / 41

p0

$369.5 \pm 0.4706$

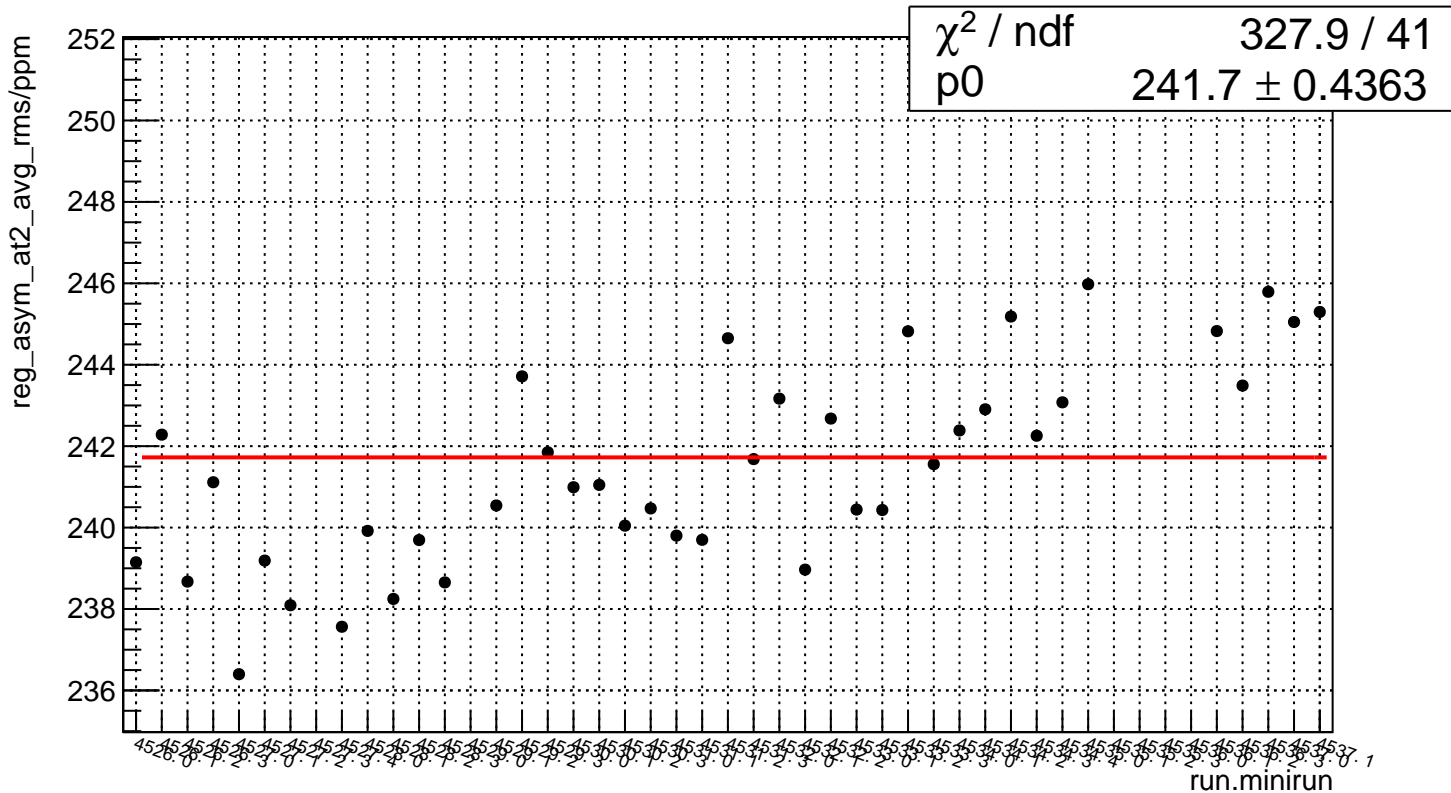
reg\_asym\_at1\_dd\_rms/ppm



run.minirun

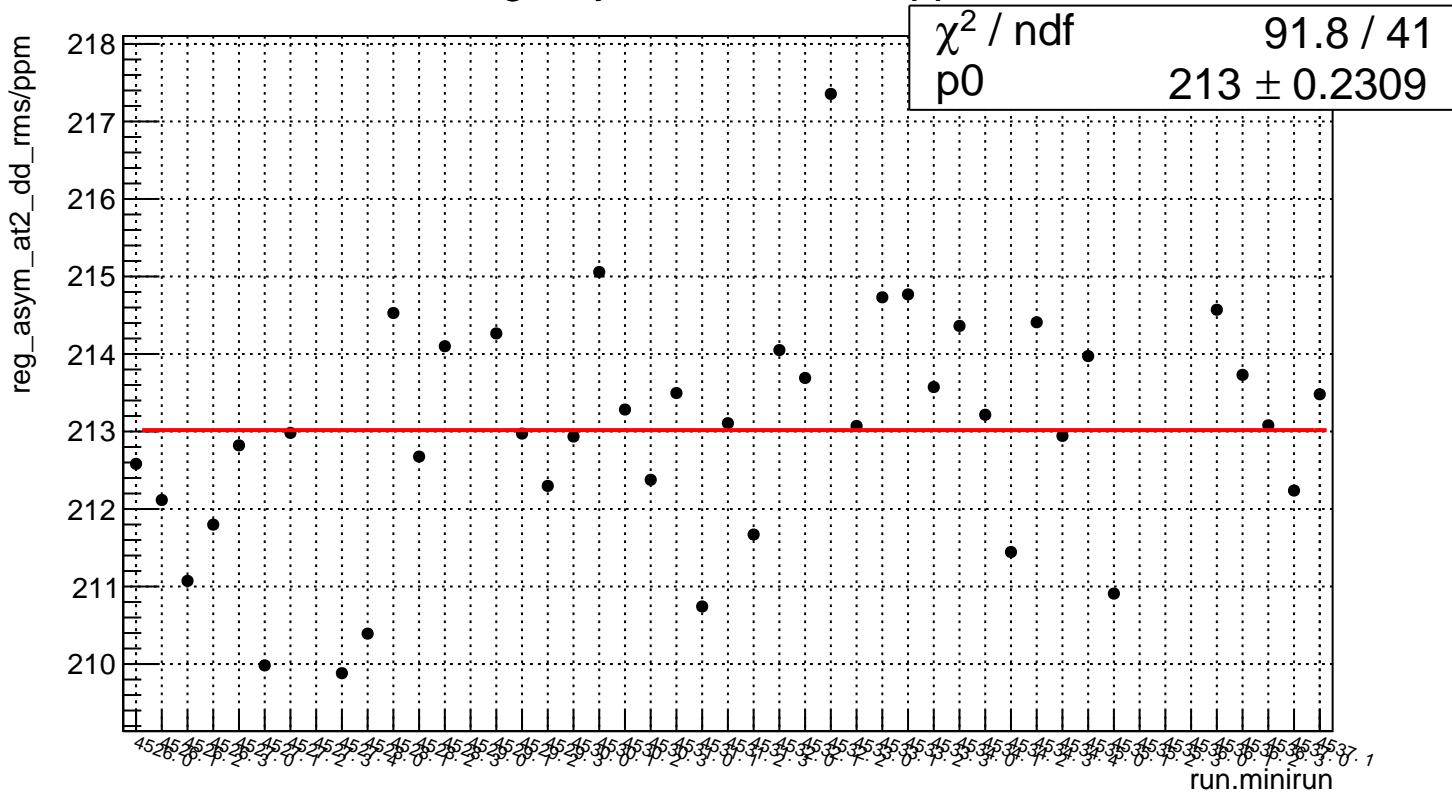


## reg\_asym\_at2\_avg\_rms/ppm





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

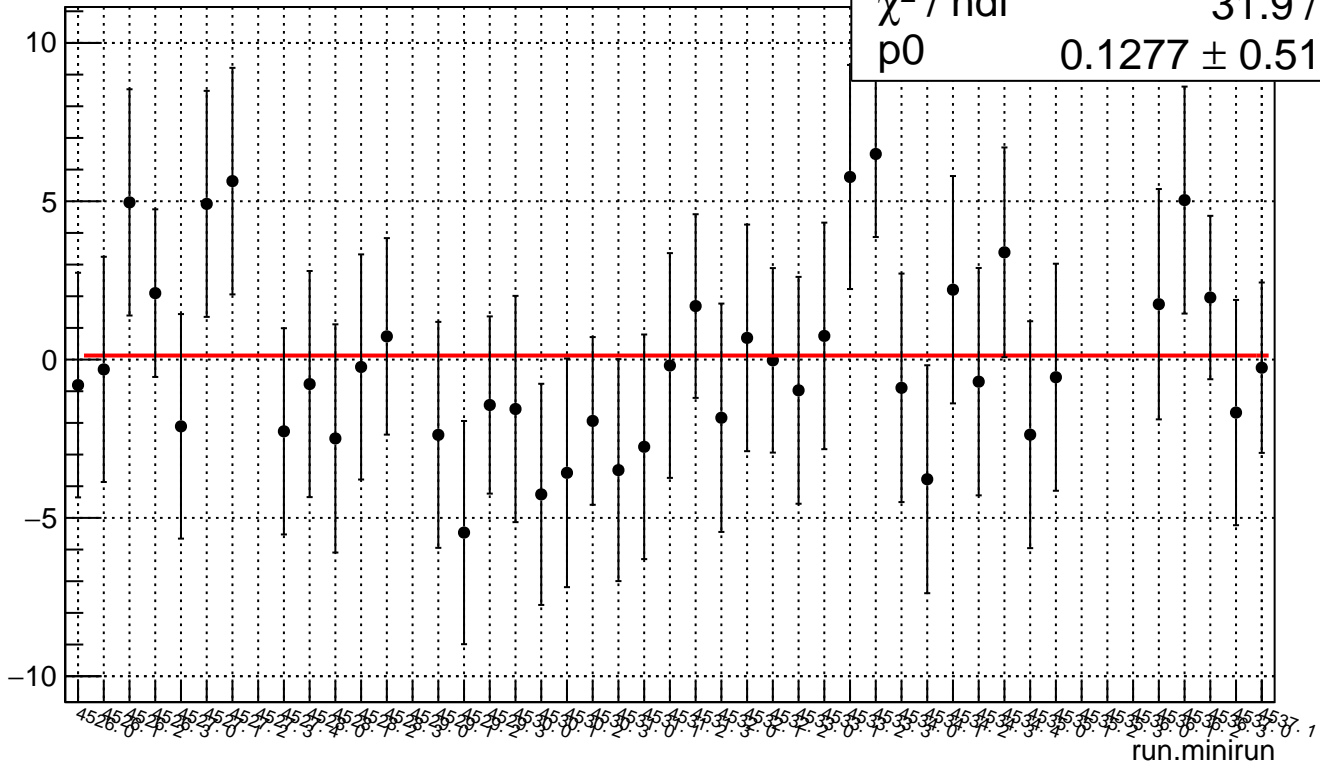




# reg\_asym\_atl1r2\_avg\_mean/ppm

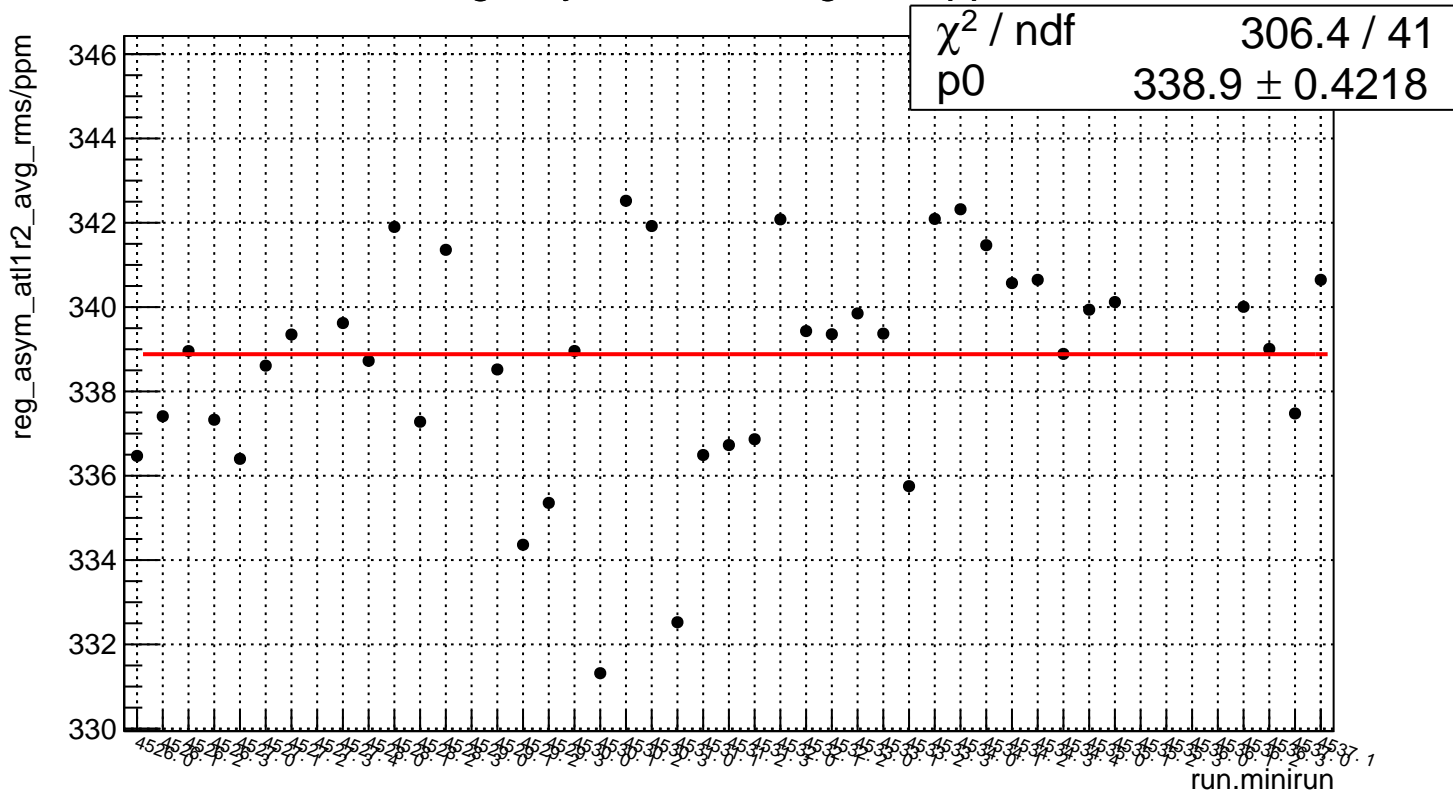
reg\_asym\_atl1r2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$  31.9 / 41  
 p0  $0.1277 \pm 0.5127$



run.minirun

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



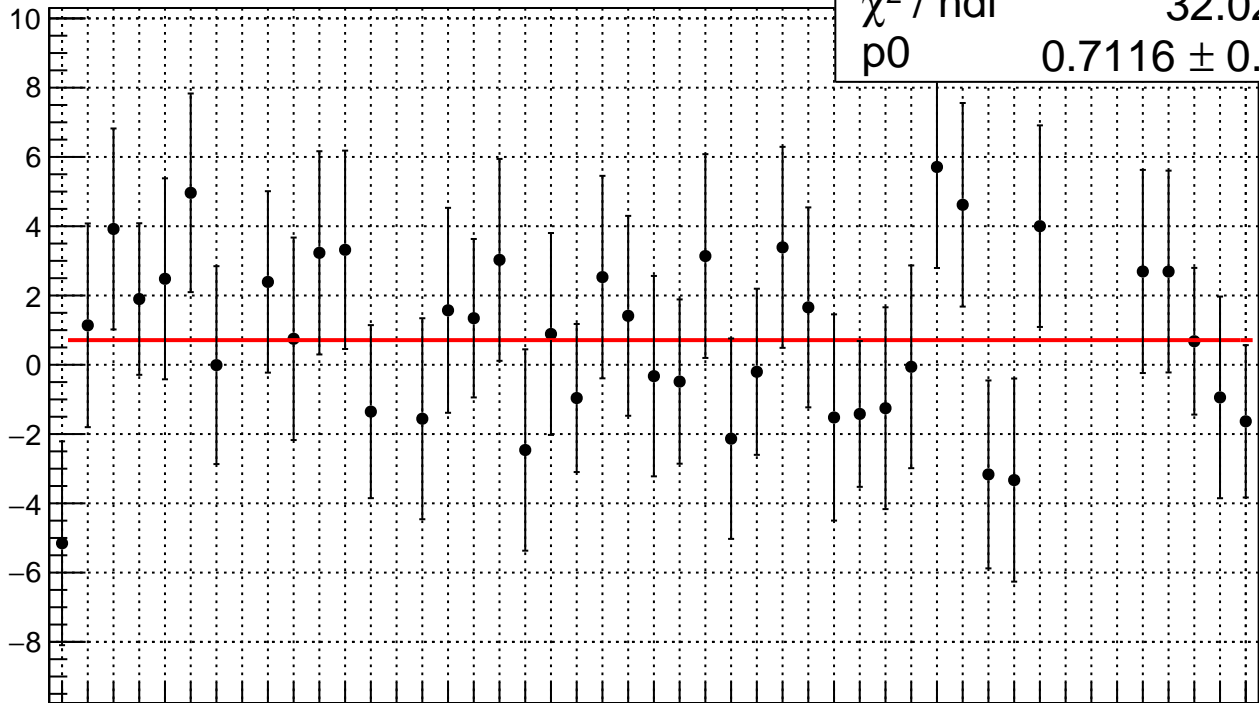




# reg\_asym\_atr1l2\_avg\_mean/ppm

reg\_asym\_atr1l2\_avg\_mean/ppm

$\chi^2 / \text{ndf}$	32.02 / 41
p0	$0.7116 \pm 0.4181$

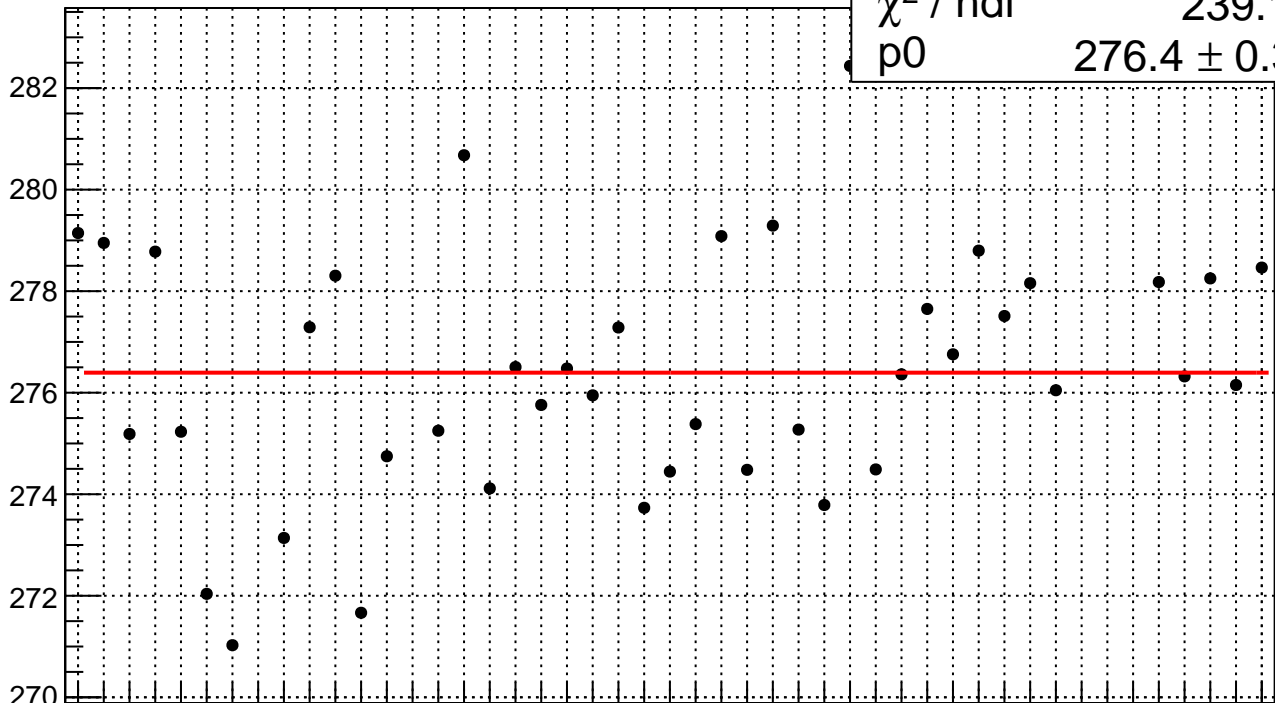


run.minirun

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

reg\_asym\_atr1l2\_avg\_rms/ppm

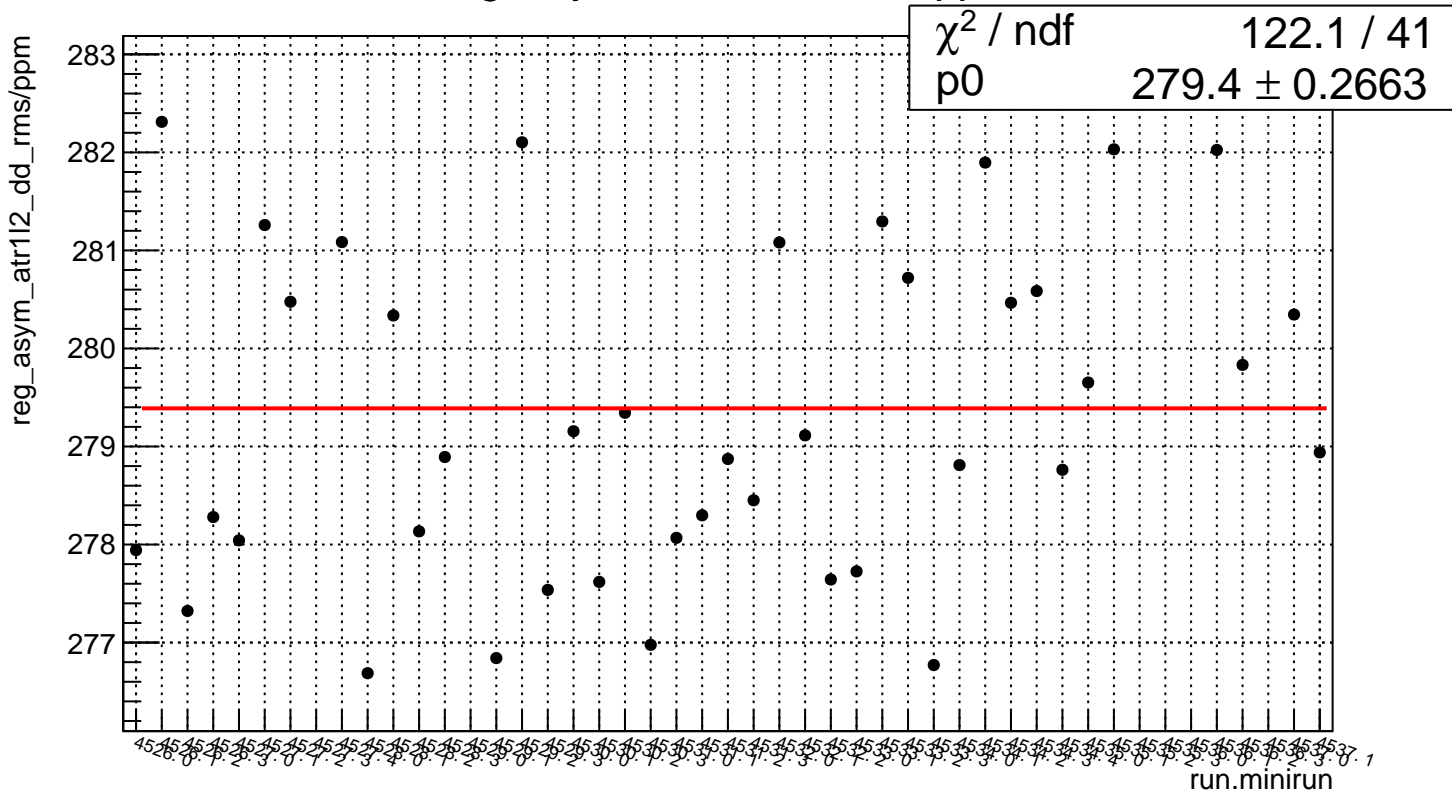
$\chi^2 / \text{ndf}$  239.1 / 41  
 p0 276.4 ± 0.3726



run.minirun



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

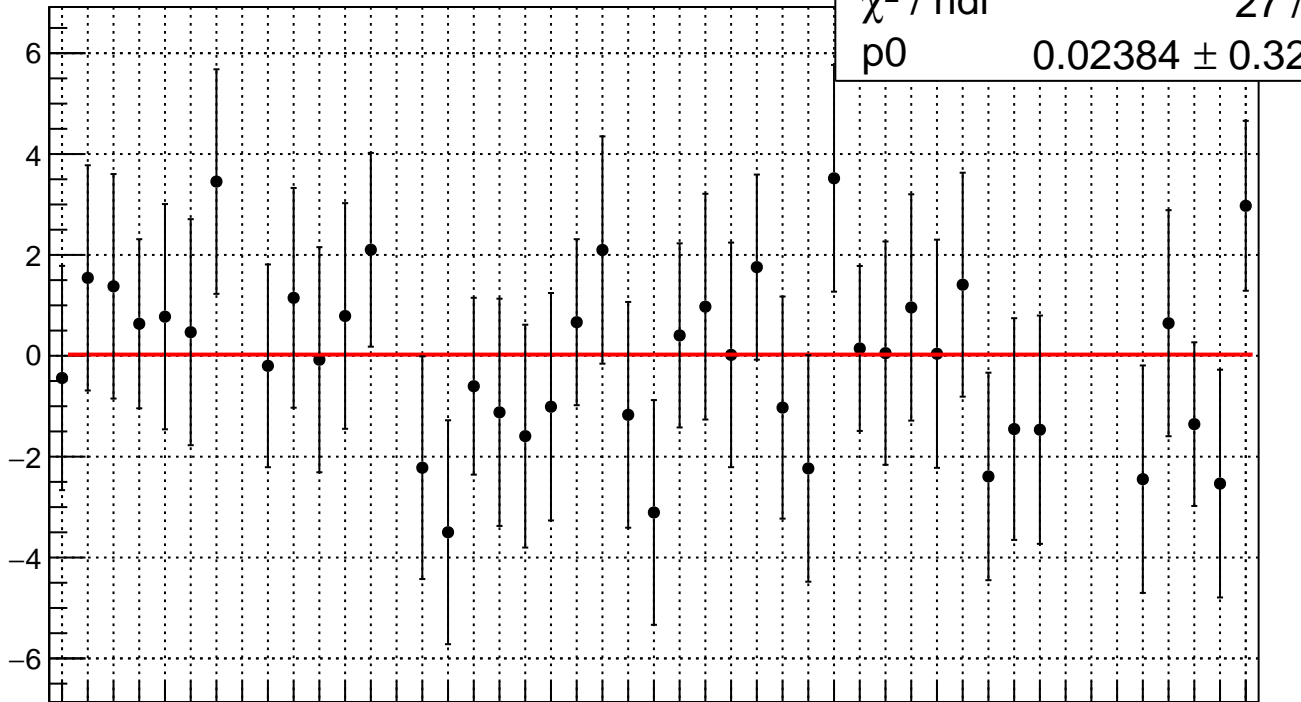




# reg\_asym\_atl\_dd\_atr\_dd\_avg\_mean/ppm

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

$\chi^2 / \text{ndf}$  27 / 41  
 p0 0.02384 ± 0.3206



run.minirun

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

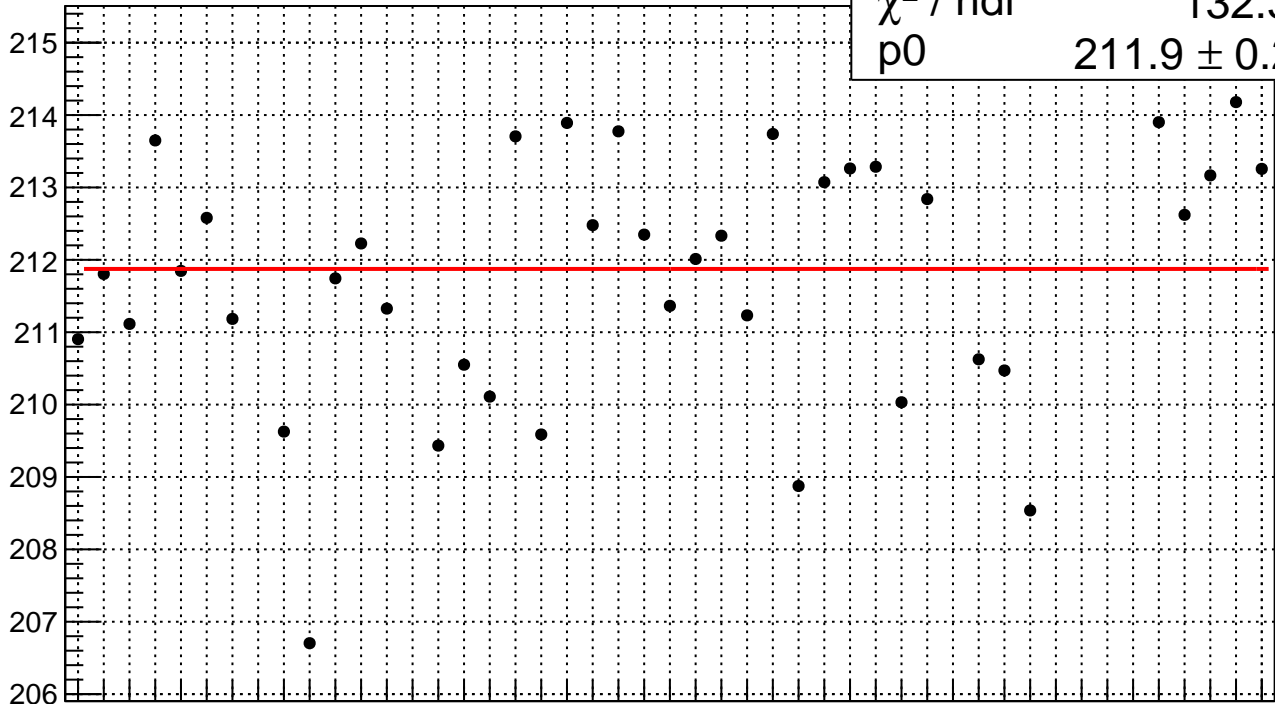
$\chi^2 / \text{ndf}$

132.3 / 41

p0

$211.9 \pm 0.2772$

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

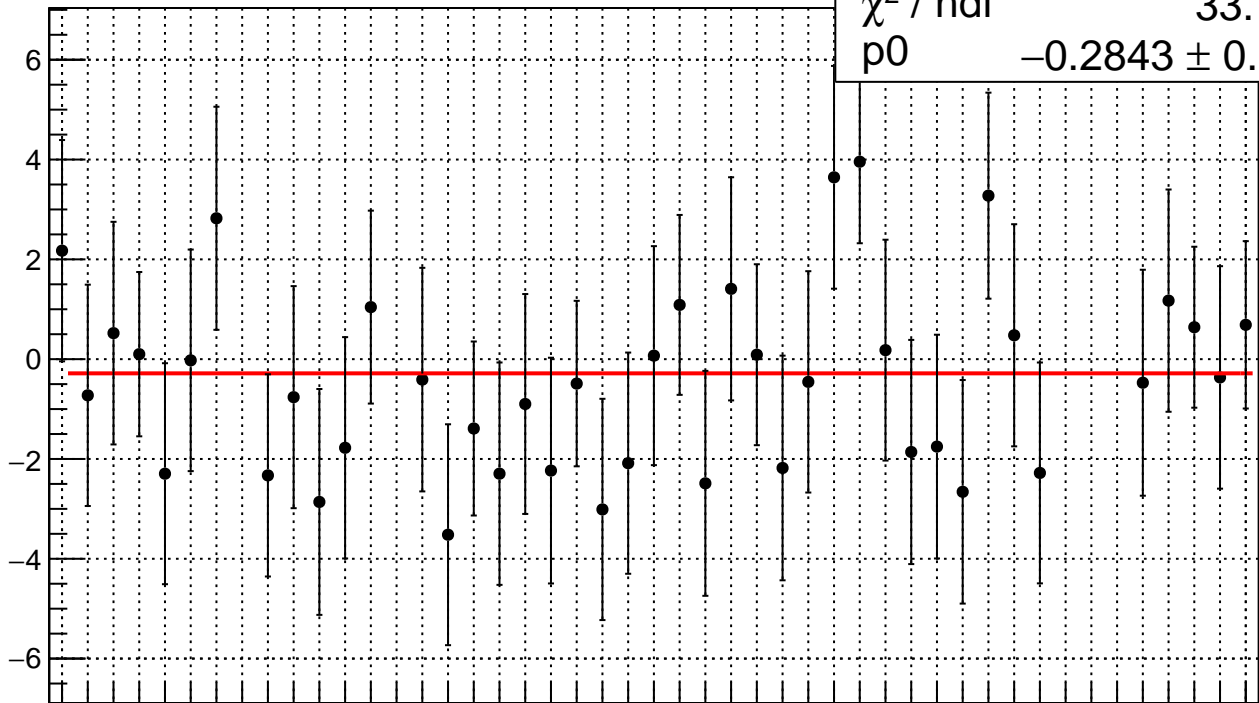


run.minirun

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

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

$\chi^2 / \text{ndf}$  33.7 / 41  
p0  $-0.2843 \pm 0.3199$

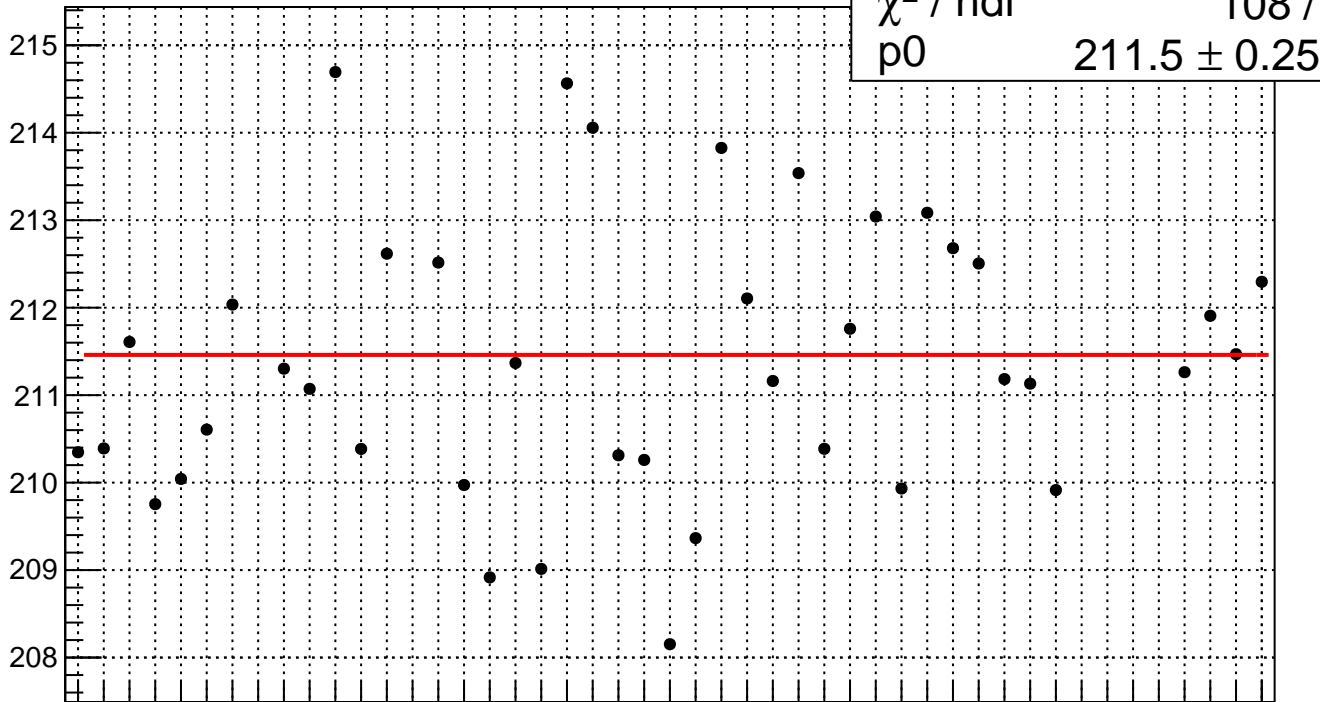


run.minirun

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

$\chi^2 / \text{ndf}$  108 / 41  
 p0  $211.5 \pm 0.2504$

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

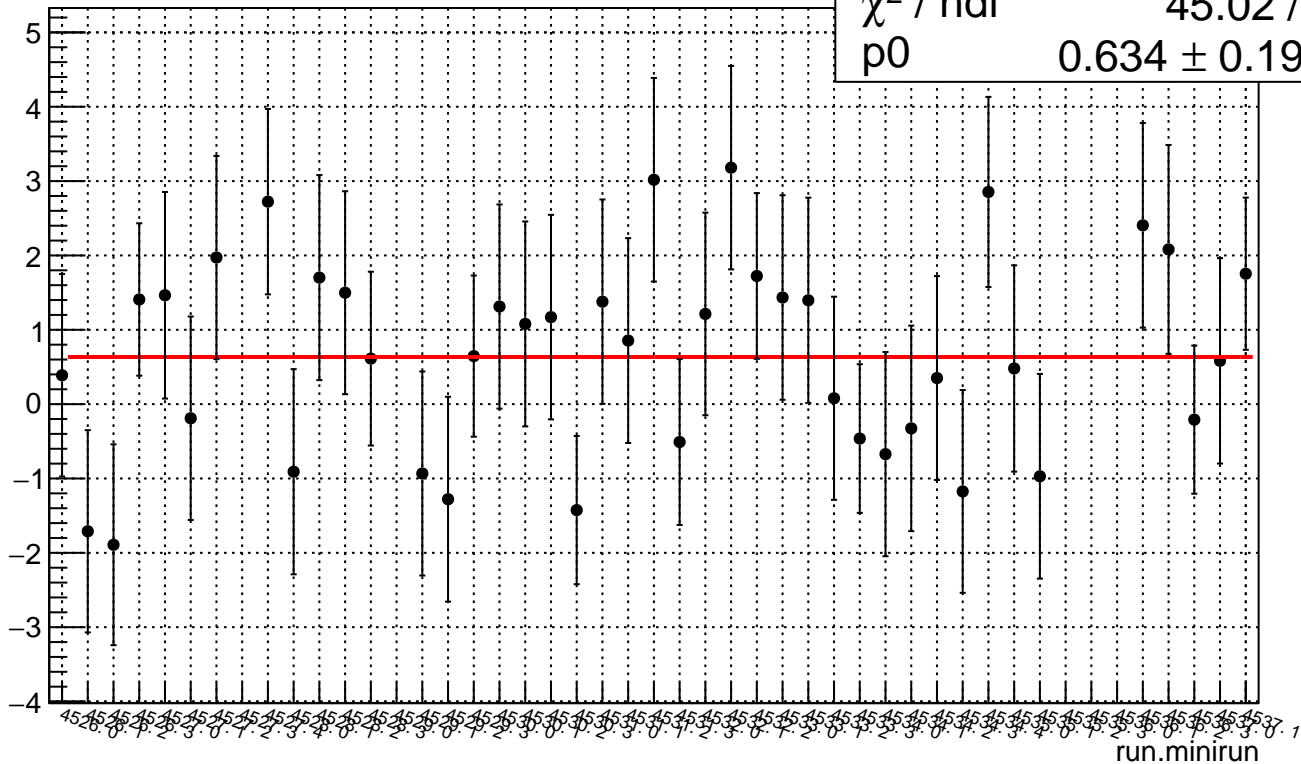


run.minirun

# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

$\chi^2 / \text{ndf}$  45.02 / 41  
 p0  $0.634 \pm 0.1969$



run.minirun

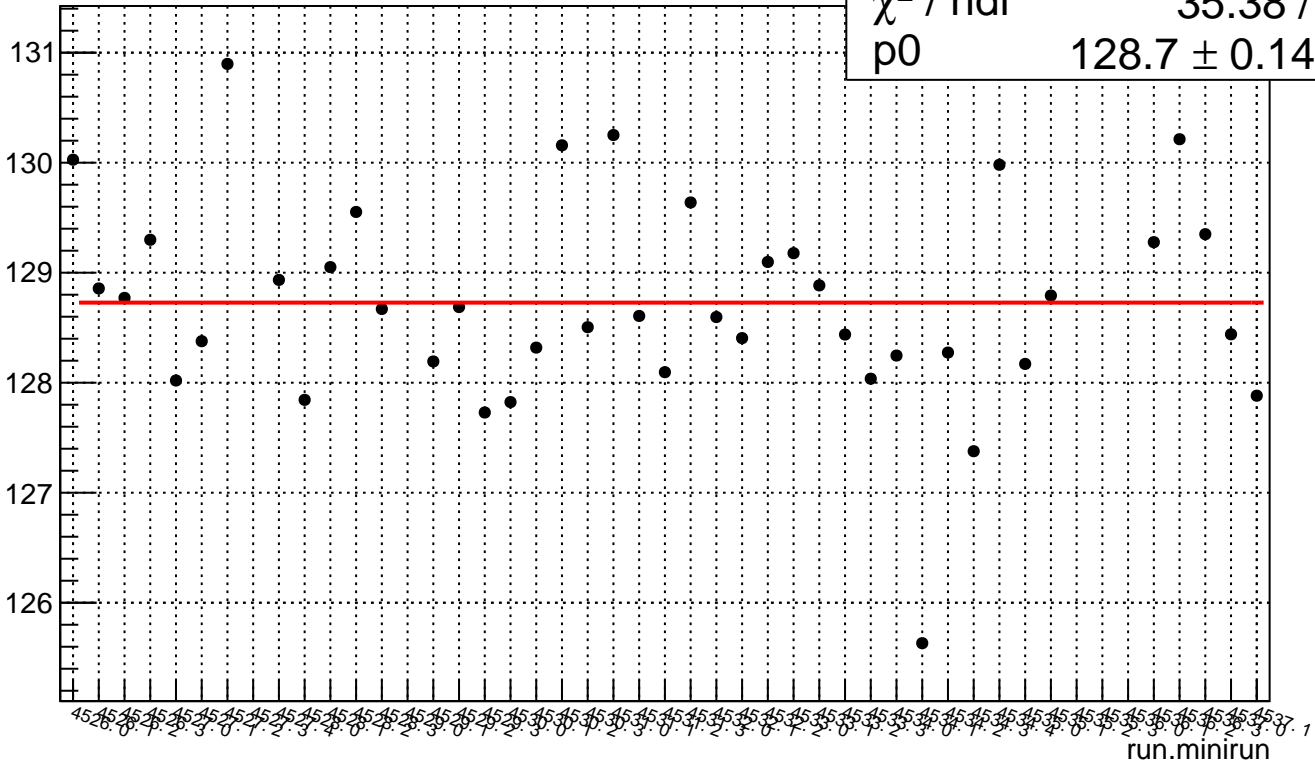




reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  35.38 / 41  
p0 128.7  $\pm$  0.1433

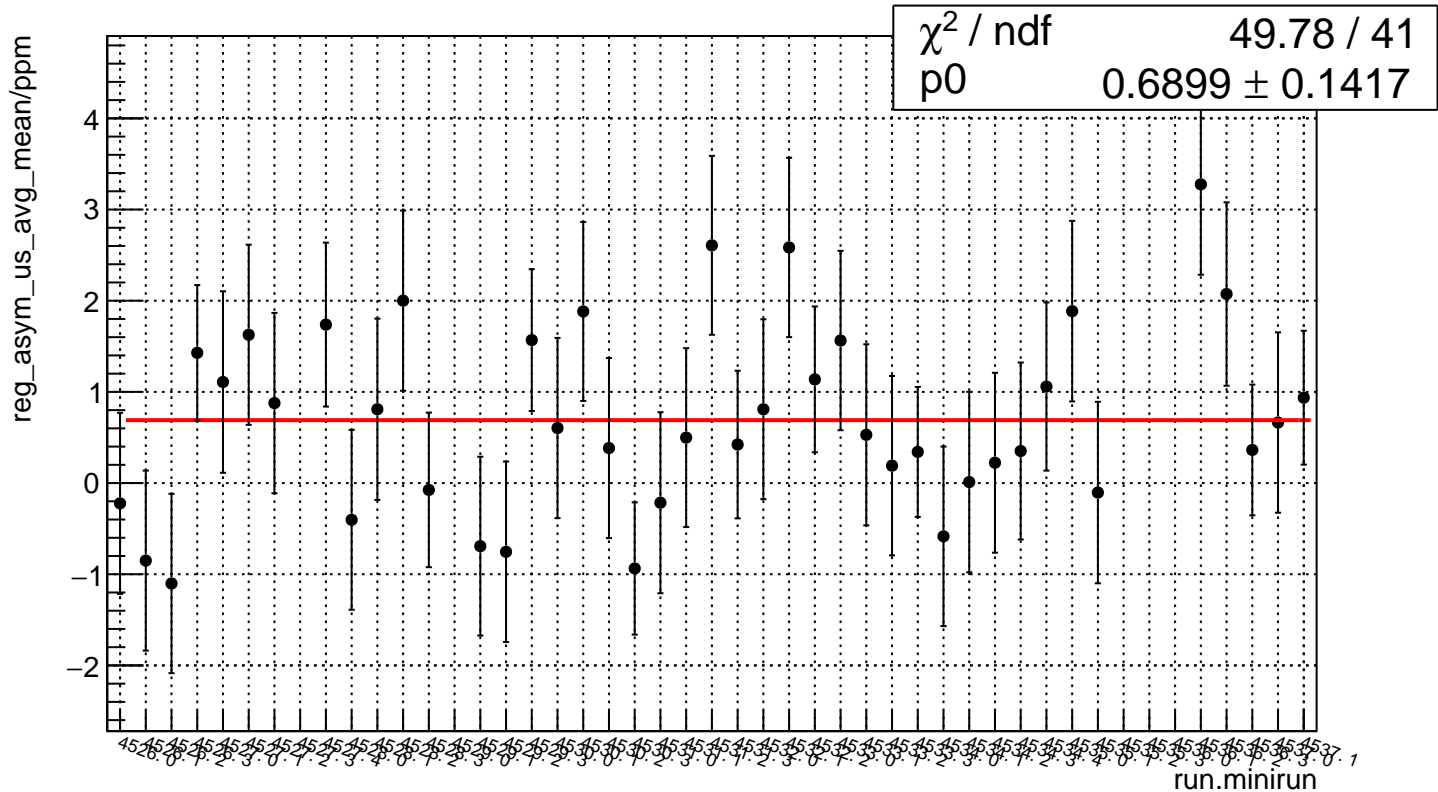
reg\_asym\_usr\_rms/ppm



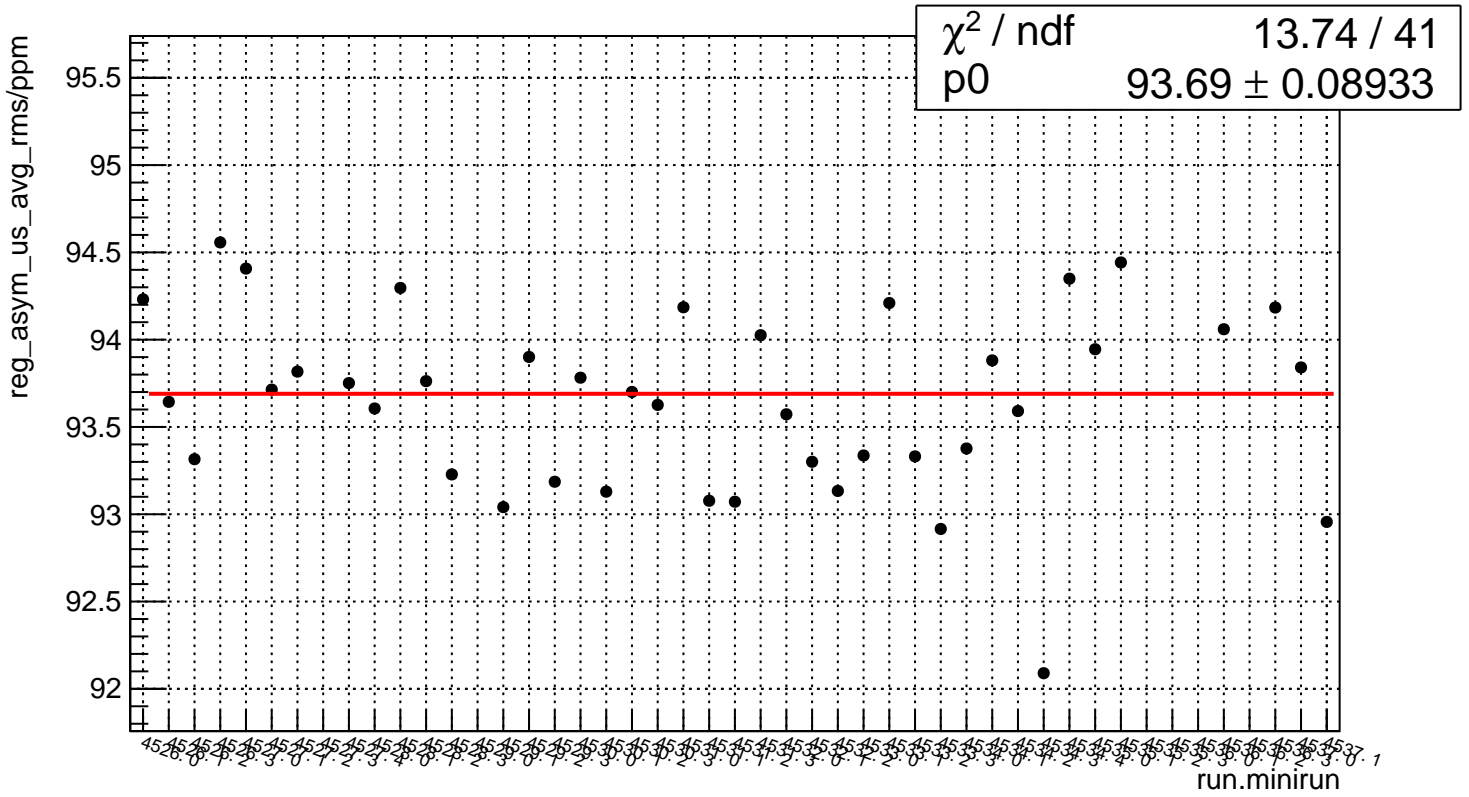
run.minirun



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



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





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

reg\_asym\_us\_dd\_rms/ppm

