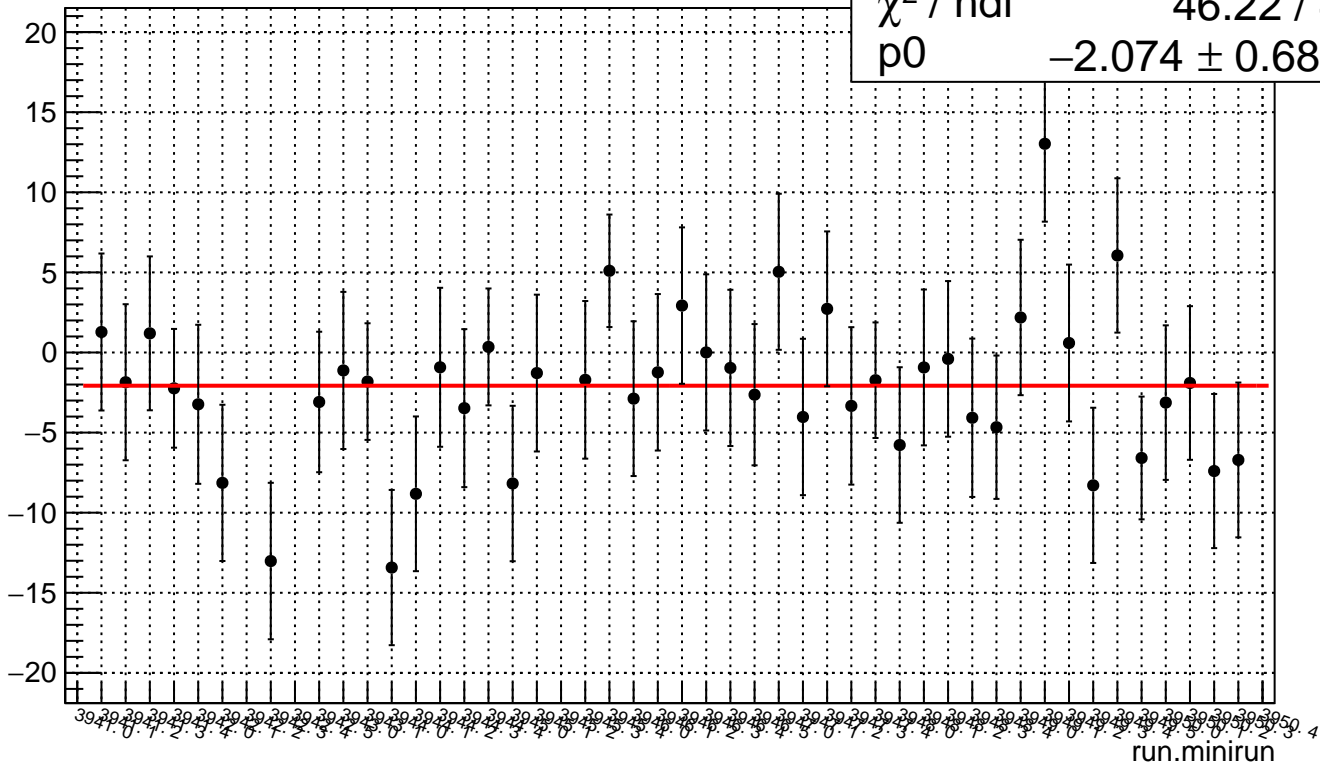
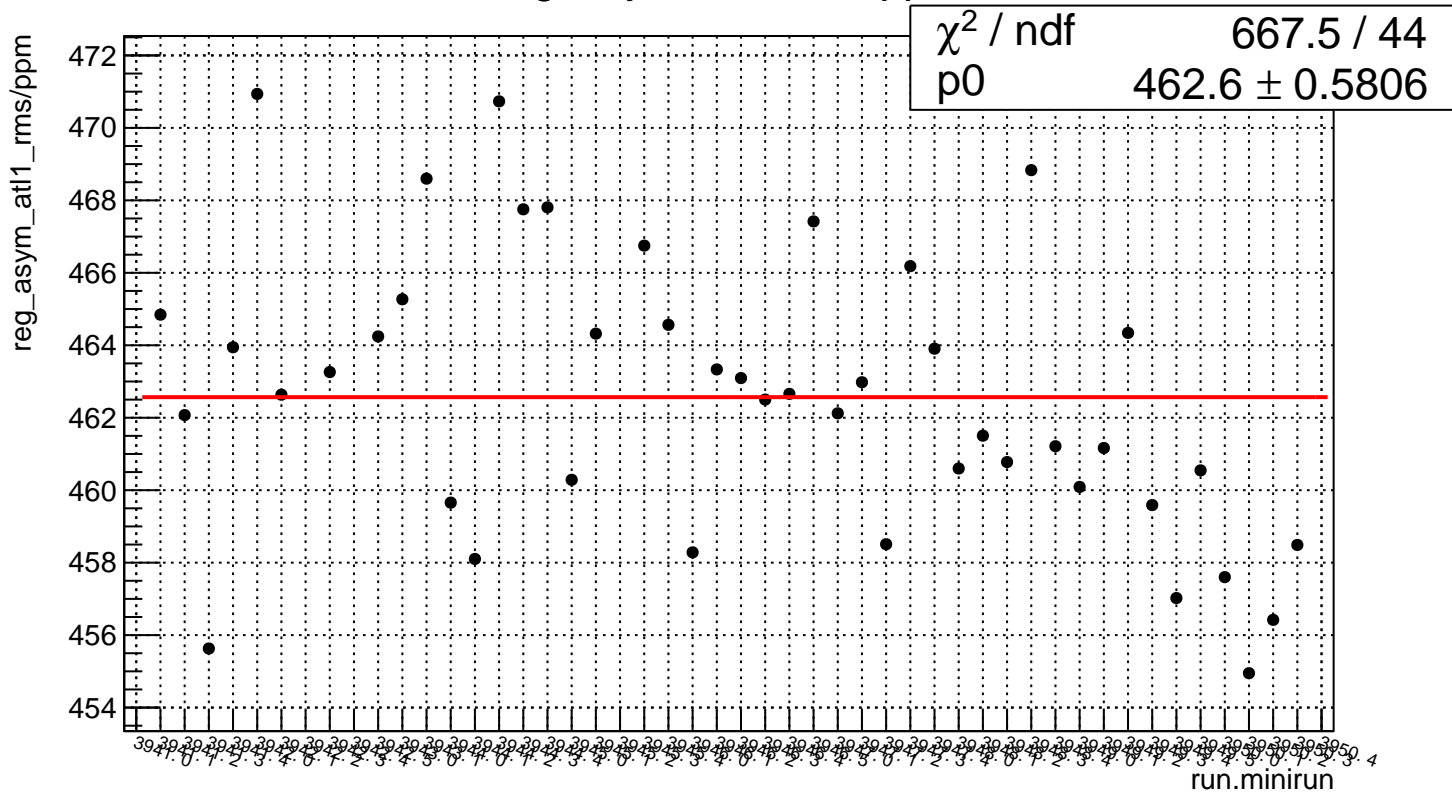


# reg\_asym\_atl1\_mean/ppm

reg\_asym\_atl1\_mean/ppm



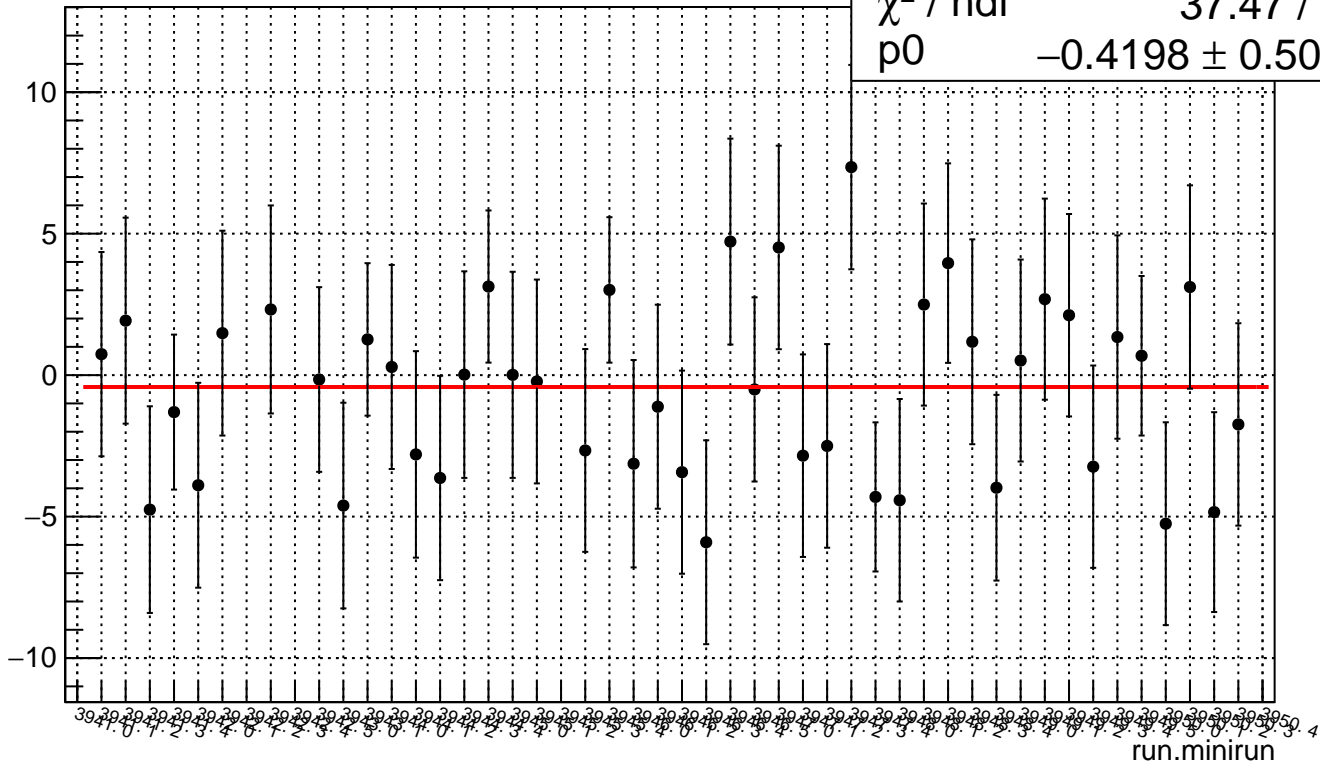
## reg\_asym\_atl1\_rms/ppm



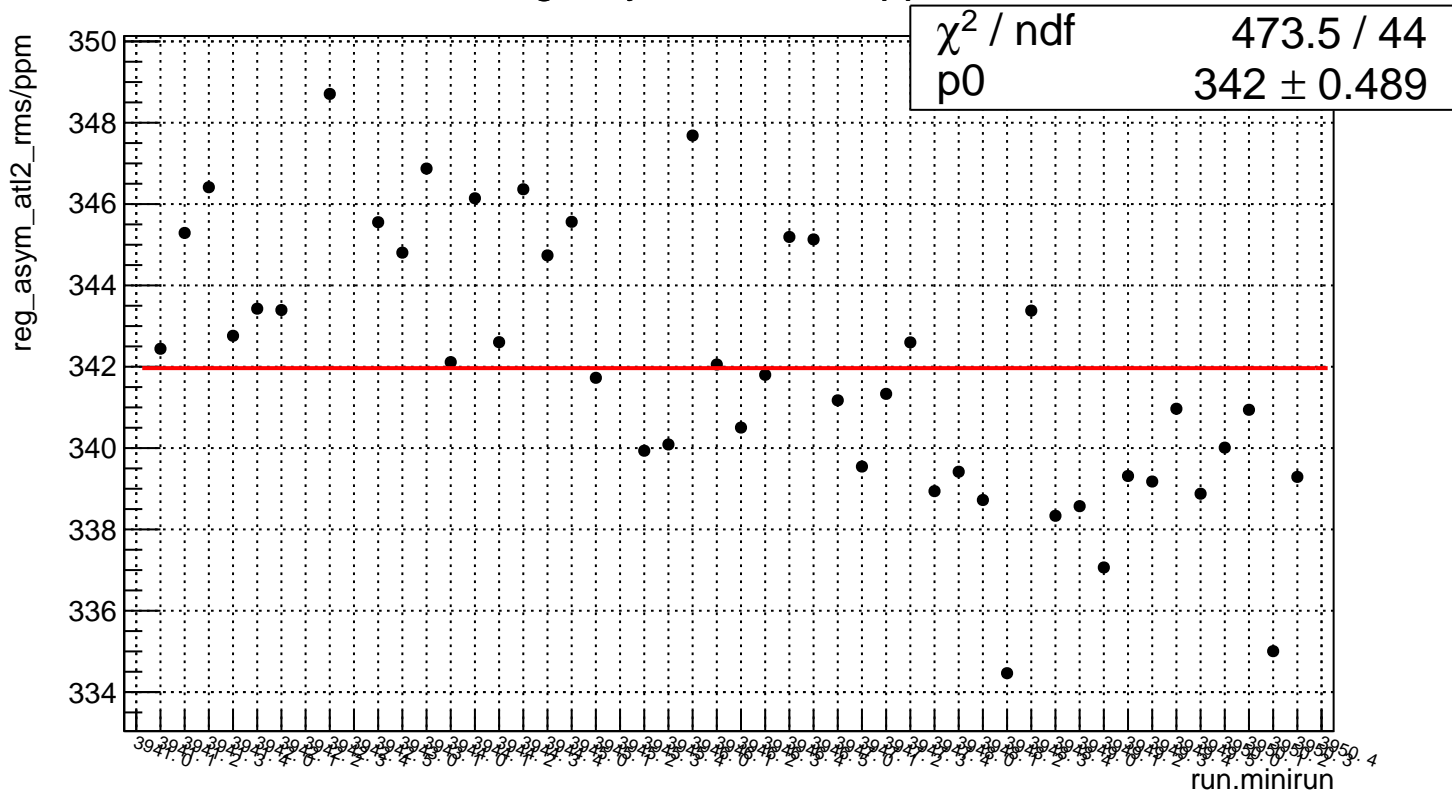
# reg\_asym\_atl2\_mean/ppm

reg\_asym\_atl2\_mean/ppm

$\chi^2 / \text{ndf}$  37.47 / 44  
 p0  $-0.4198 \pm 0.5074$



## reg\_asym\_atl2\_rms/ppm



reg\_asym\_atr1\_mean/ppm

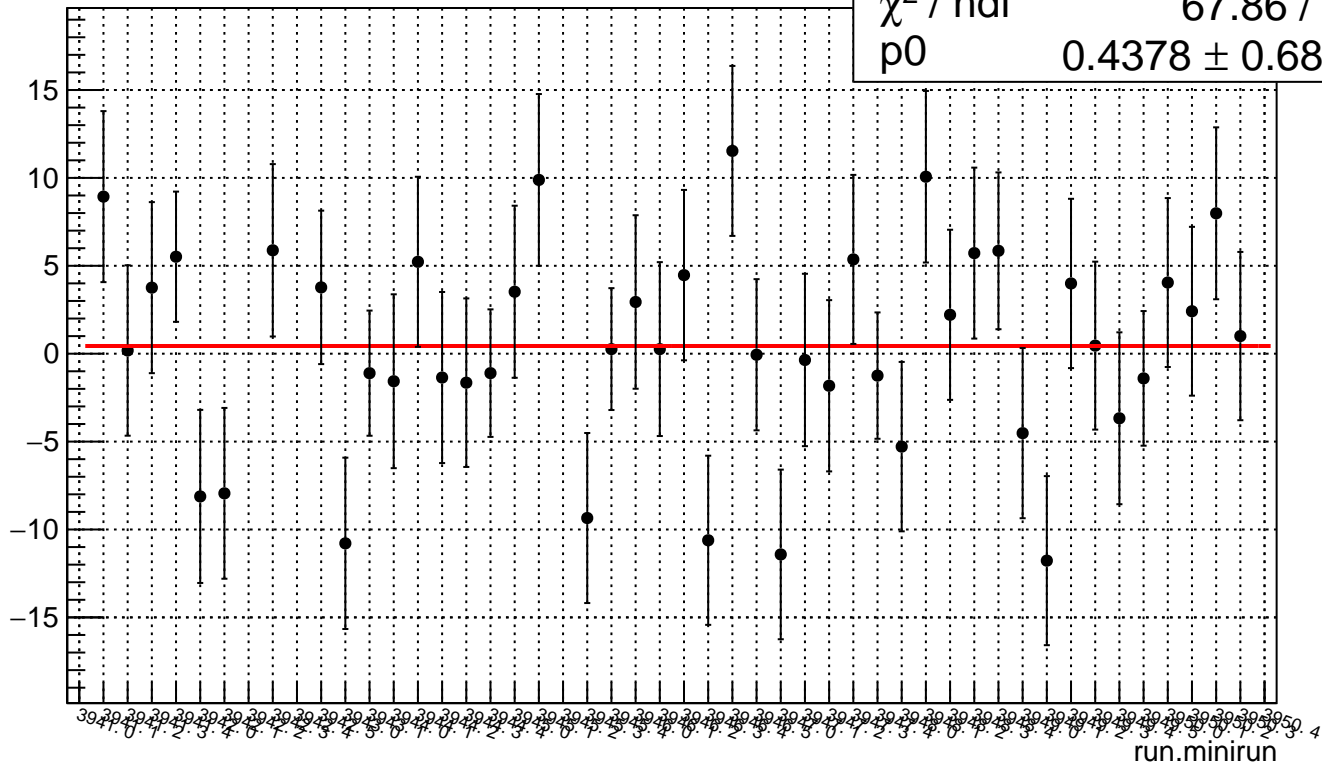
$\chi^2 / \text{ndf}$

67.86 / 44

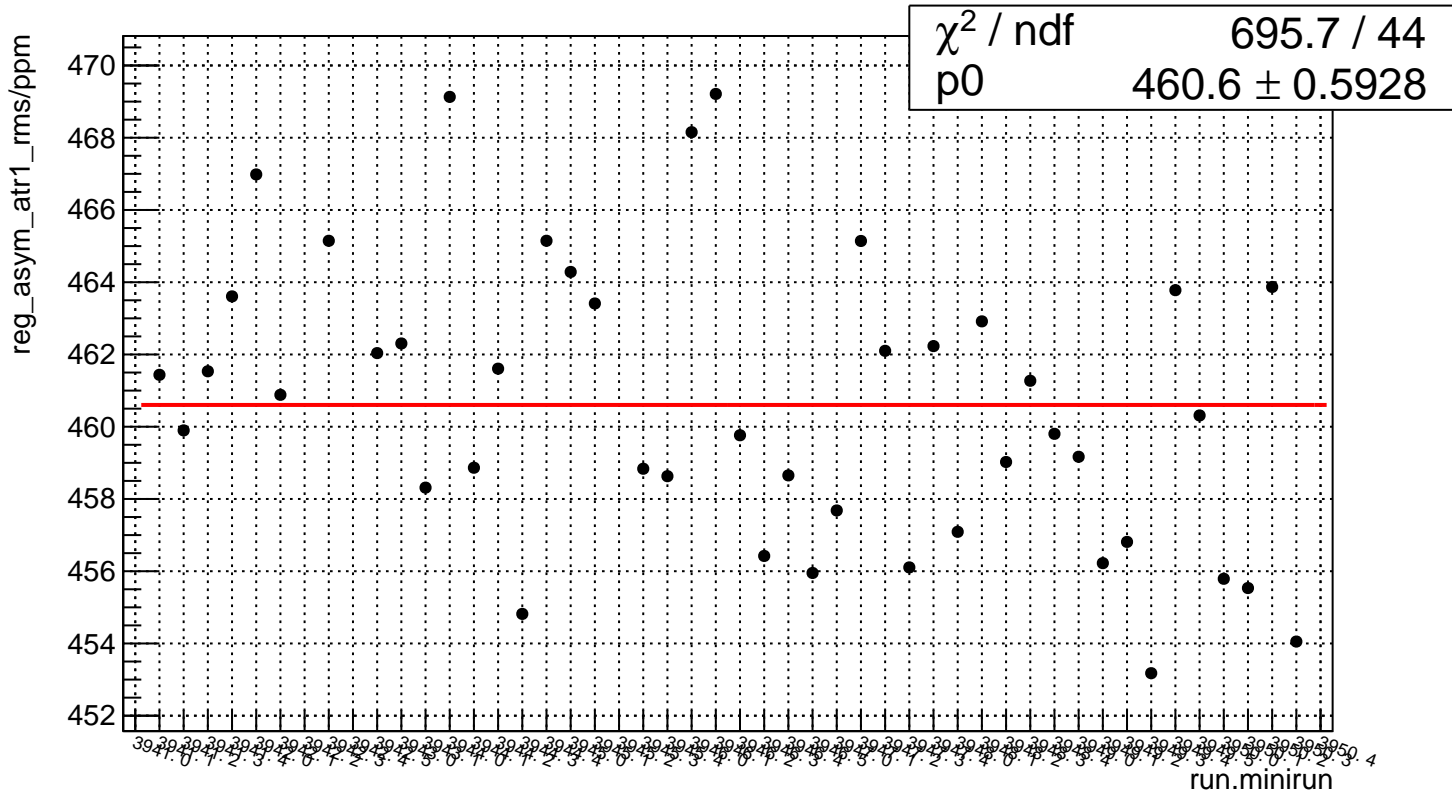
p0

$0.4378 \pm 0.6834$

reg\_asym\_atr1\_mean/ppm



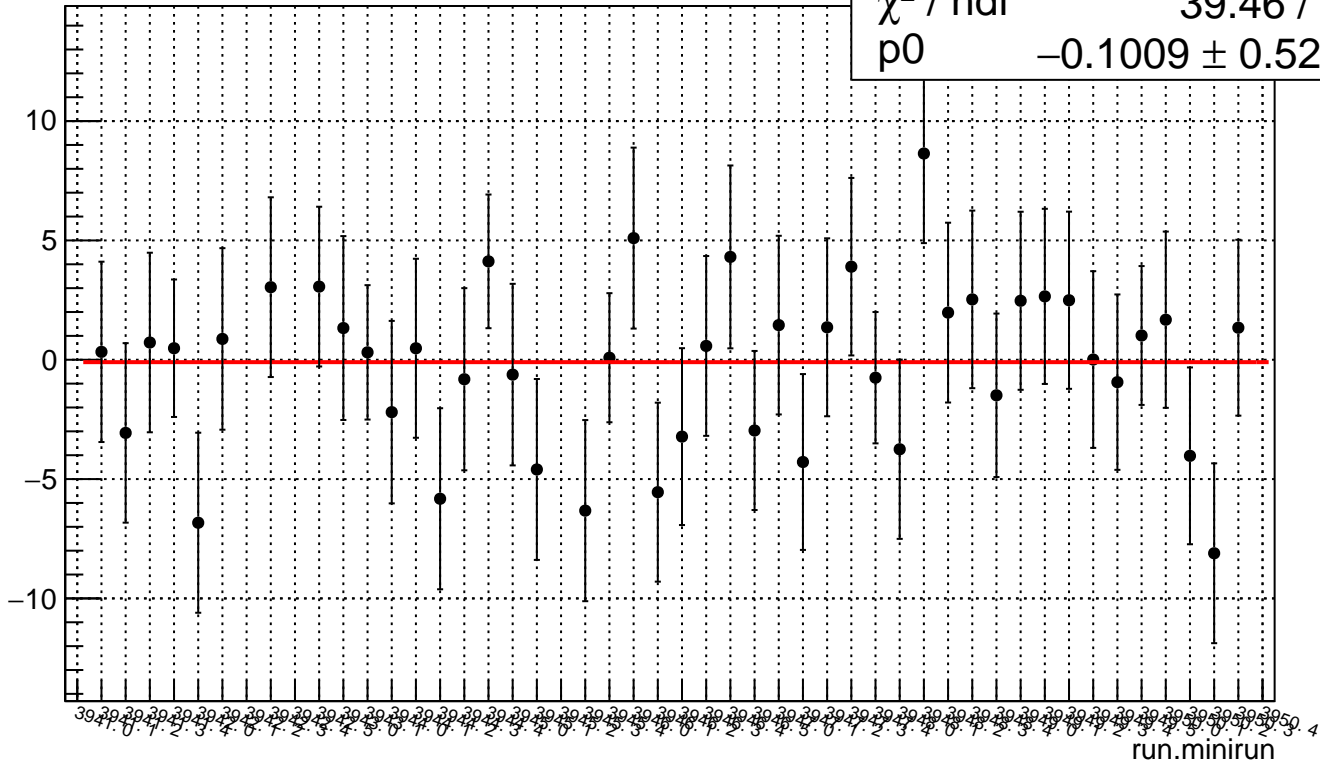
# reg\_asym\_atr1\_rms/ppm



reg\_asym\_atr2\_mean/ppm

$\chi^2 / \text{ndf}$  39.46 / 44  
p0  $-0.1009 \pm 0.5283$

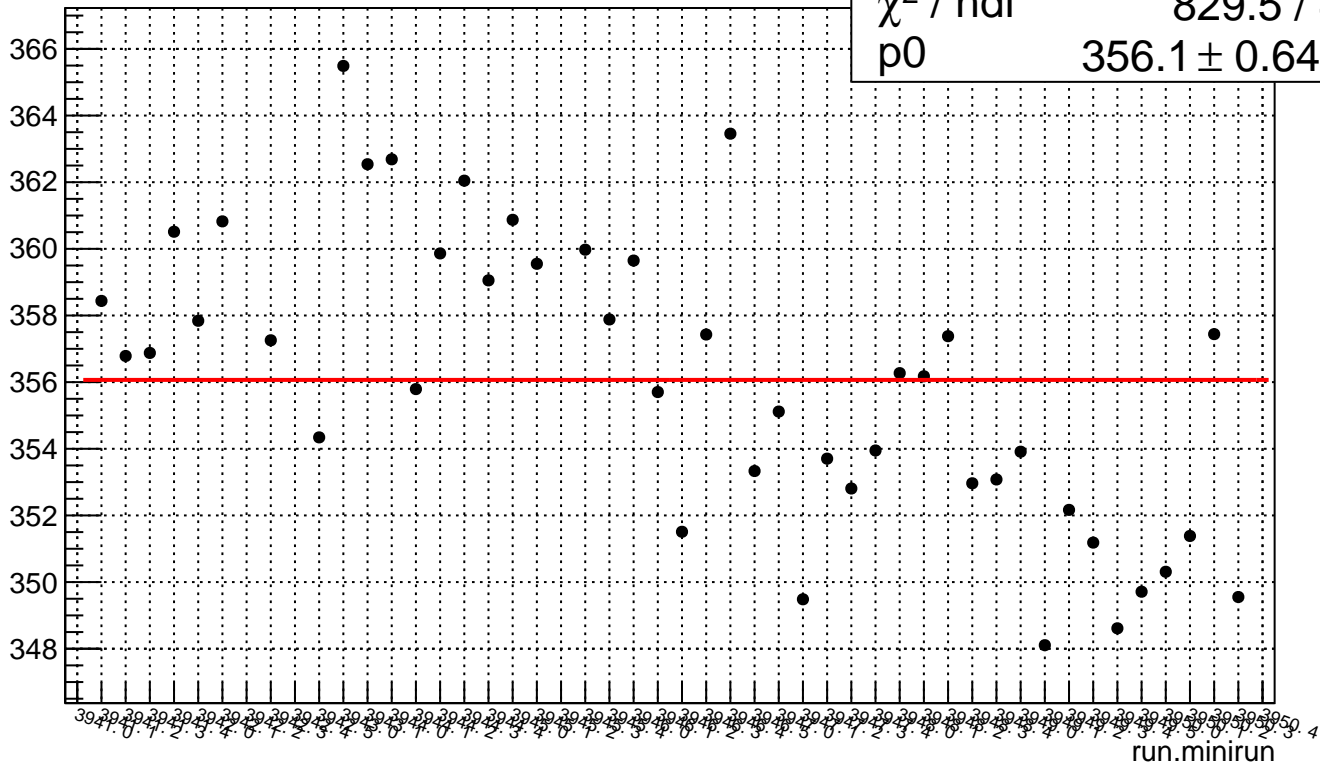
reg\_asym\_atr2\_mean/ppm



# reg\_asym\_atr2\_rms/ppm

reg\_asym\_atr2\_rms/ppm

$\chi^2 / \text{ndf}$	829.5 / 44
p0	$356.1 \pm 0.6473$

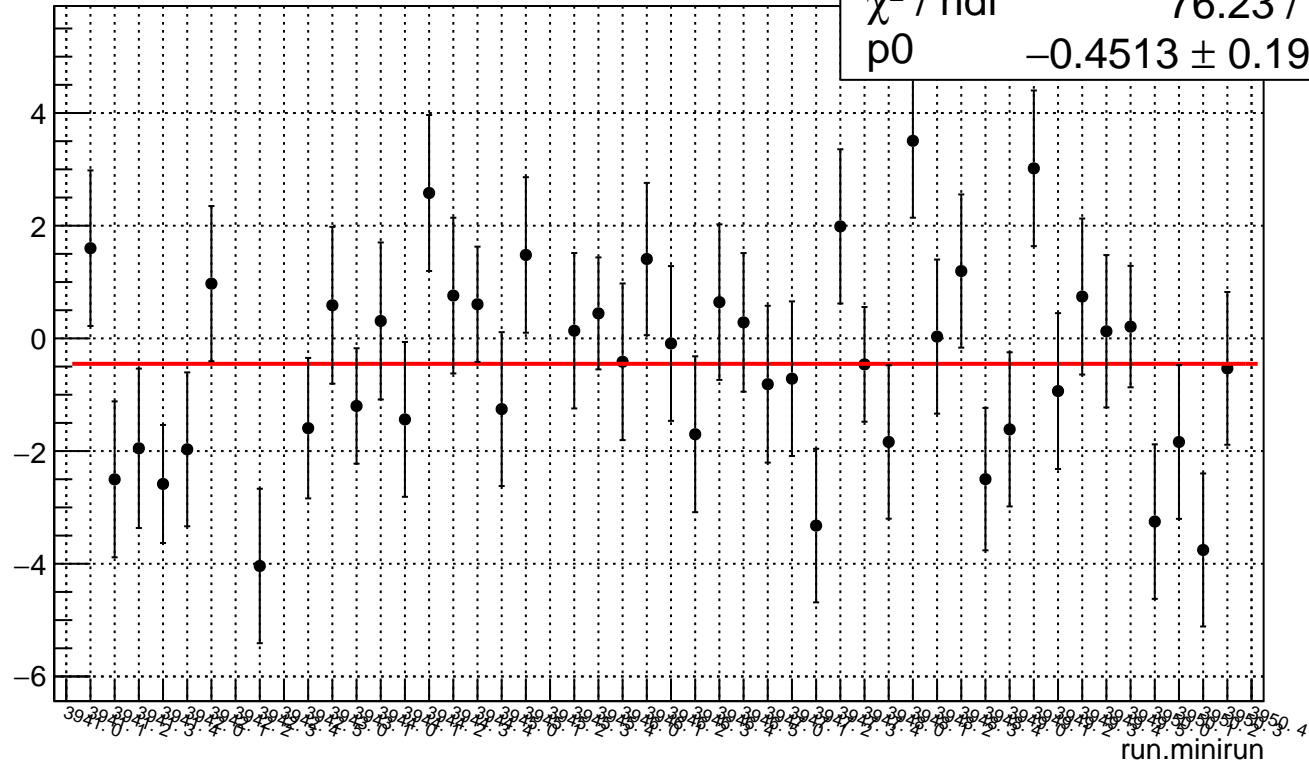




# reg\_asym\_usl\_mean/ppm

reg\_asym\_usl\_mean/ppm

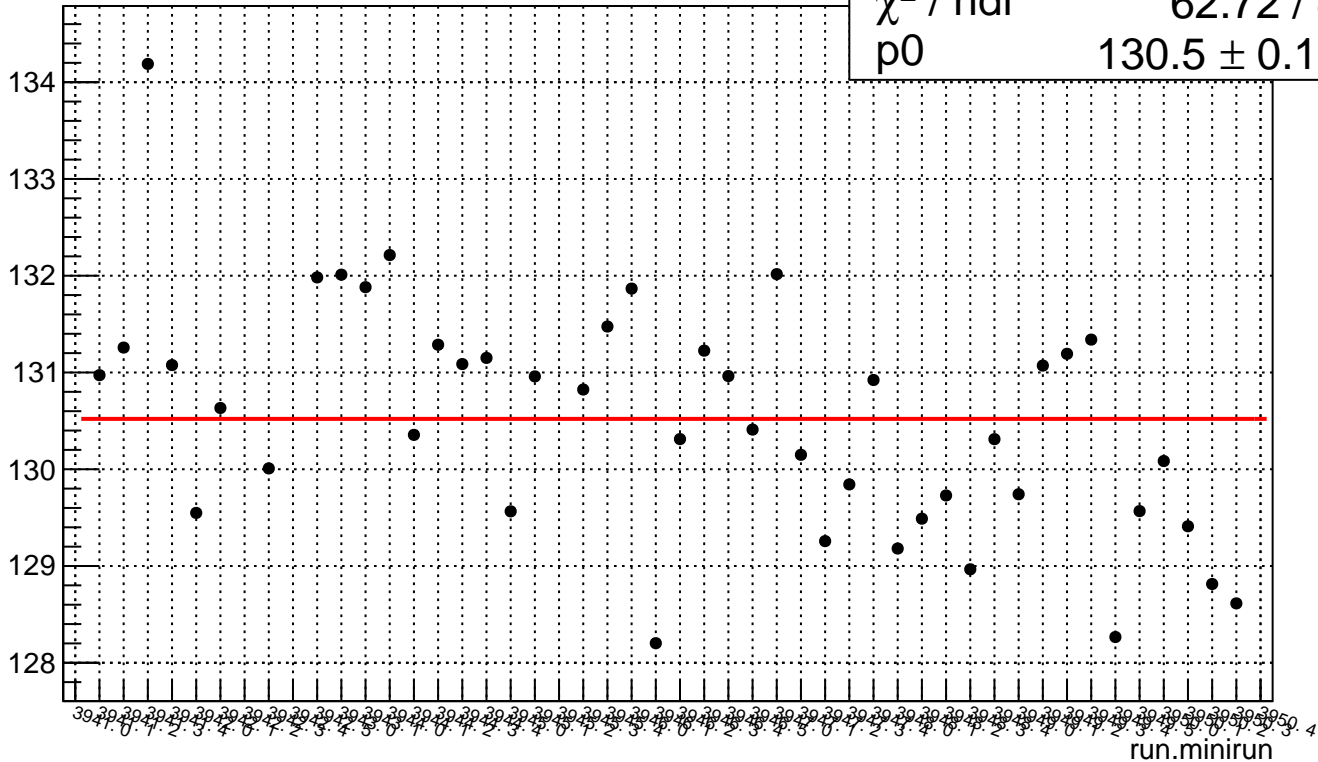
$\chi^2 / \text{ndf}$  76.23 / 44  
 p0  $-0.4513 \pm 0.1937$



# reg\_asym\_usl\_rms/ppm

reg\_asym\_usl\_rms/ppm

$\chi^2 / \text{ndf}$	62.72 / 44
p0	$130.5 \pm 0.178$



reg\_asym\_usr\_mean/ppm

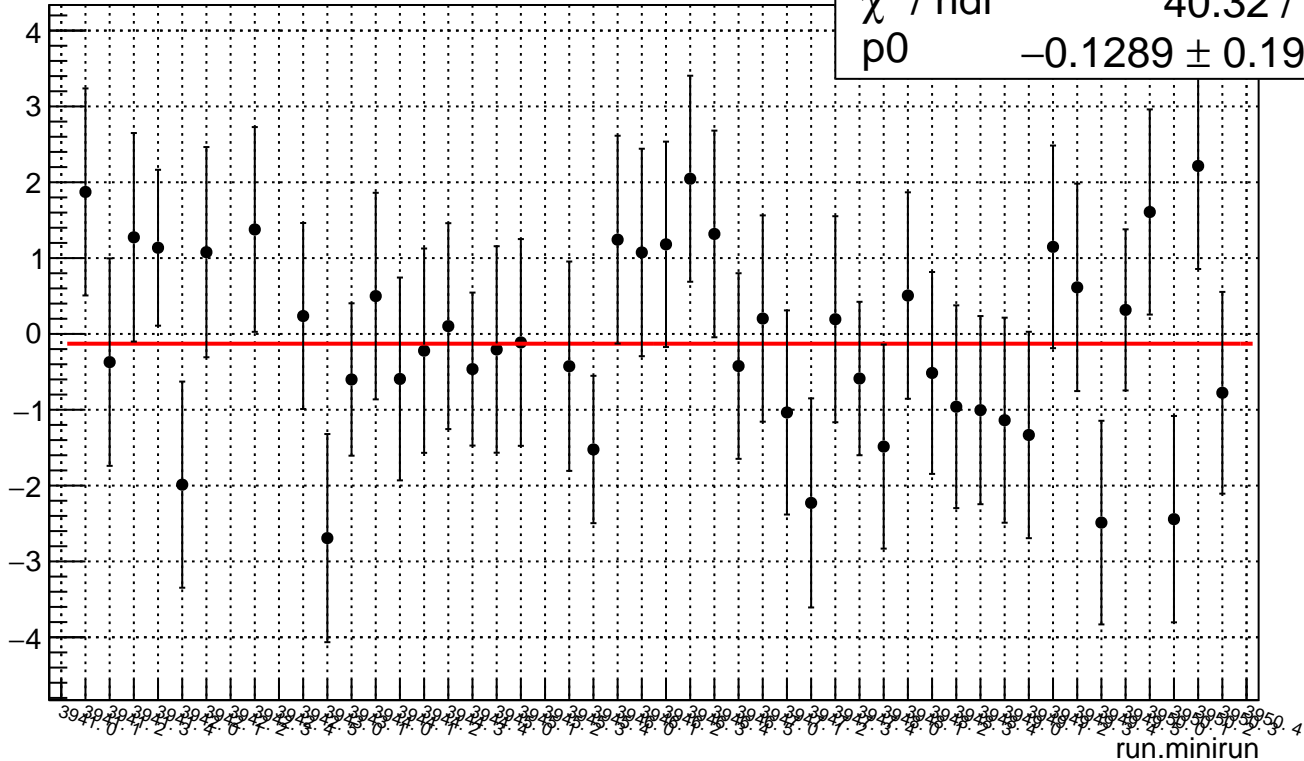
$\chi^2 / \text{ndf}$

40.32 / 44

p0

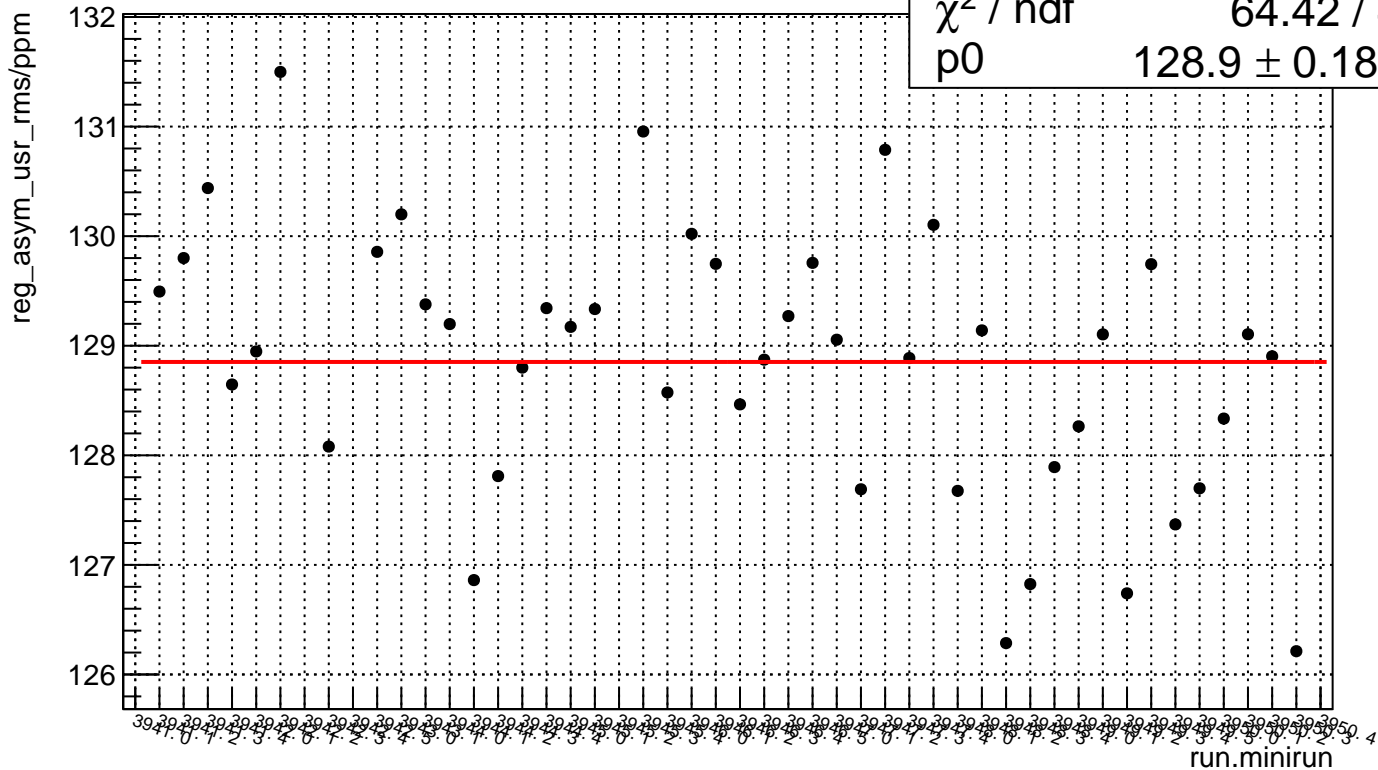
$-0.1289 \pm 0.1912$

reg\_asym\_usr\_mean/ppm

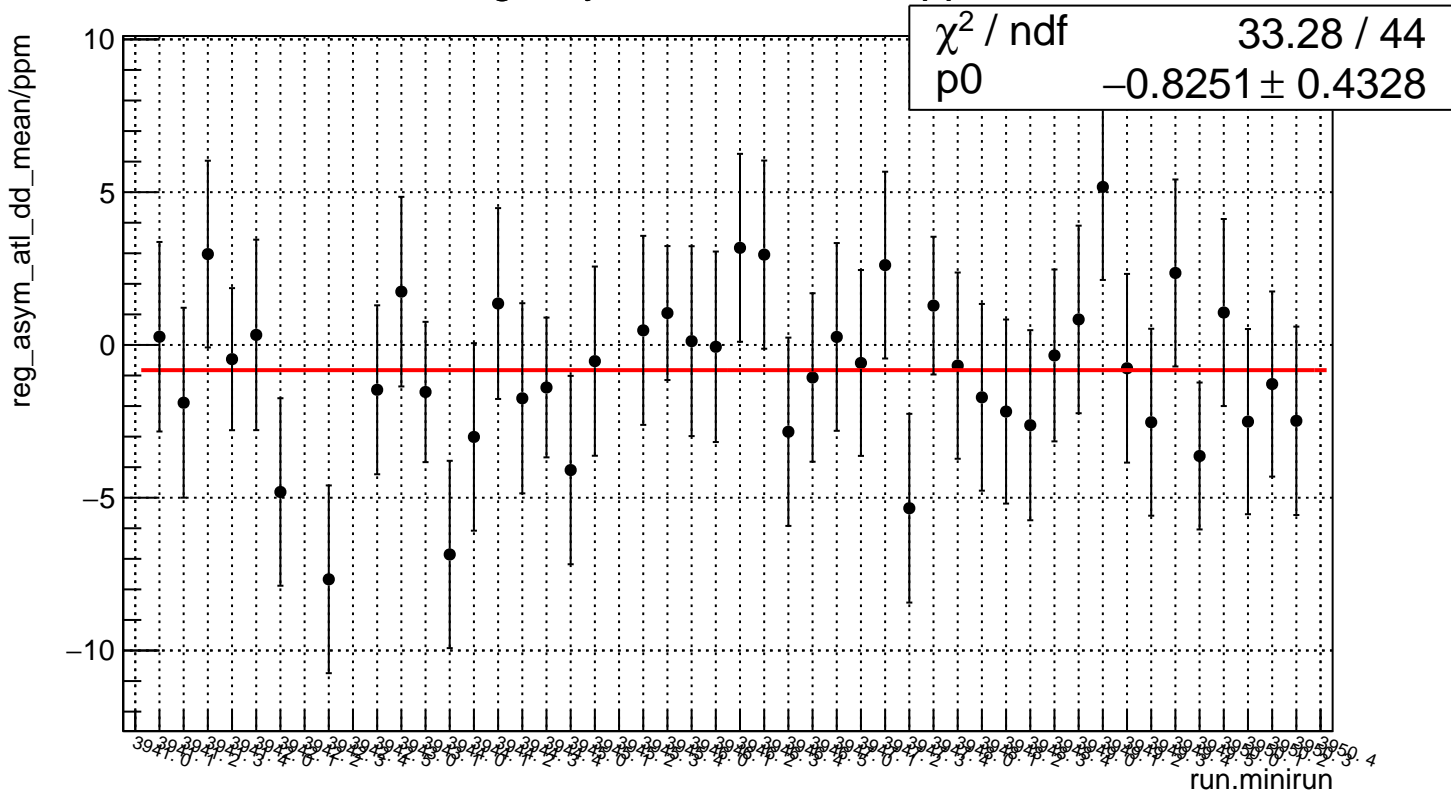


reg\_asym\_usr\_rms/ppm

$\chi^2 / \text{ndf}$  64.42 / 44  
p0 128.9  $\pm$  0.1804

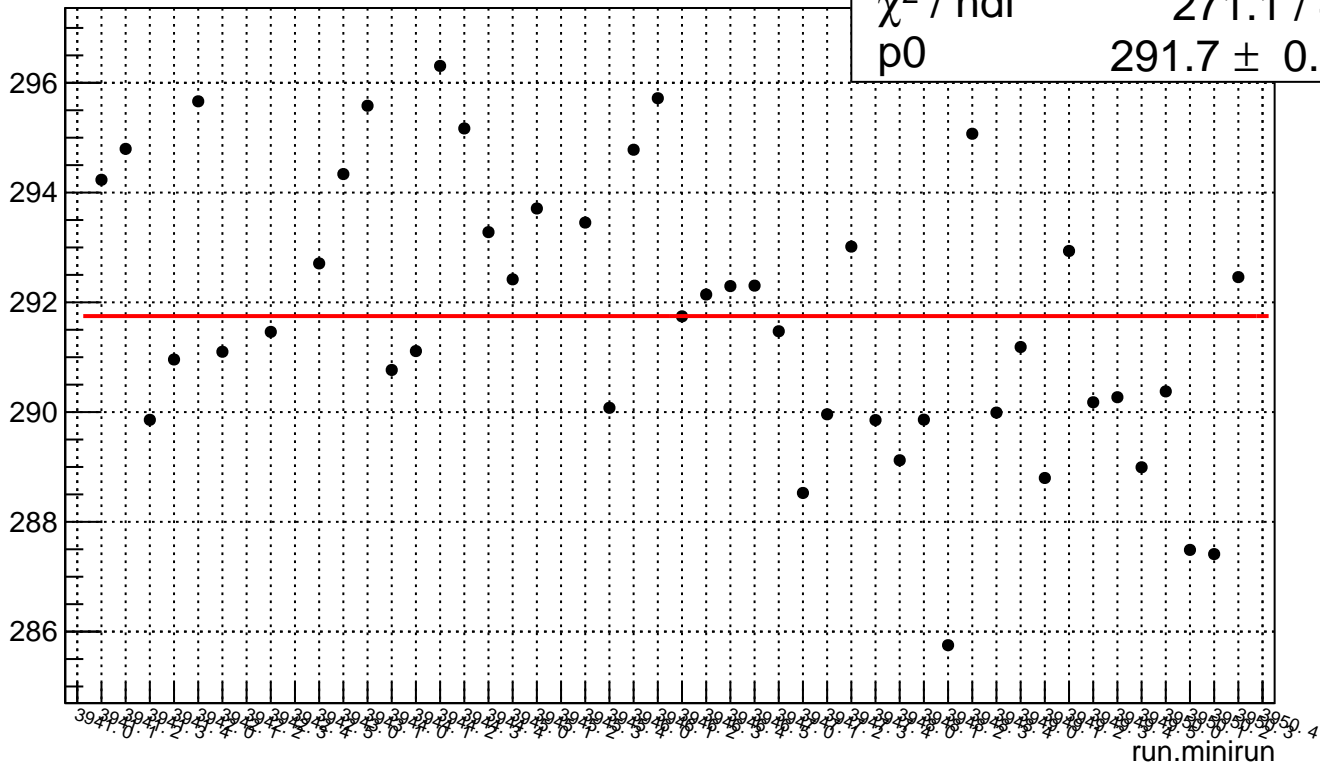


## reg\_asym\_atl\_dd\_mean/ppm



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

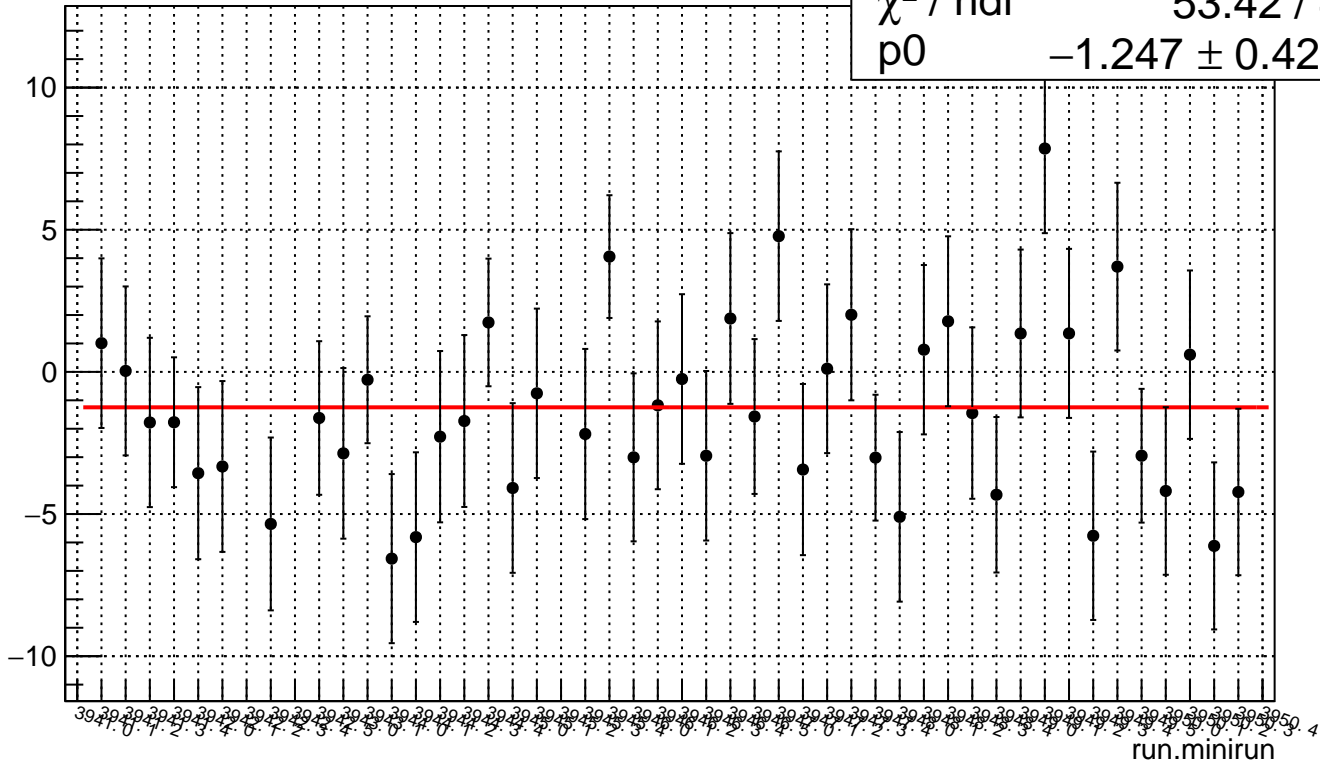
reg\_asym\_atl\_dd\_rms/ppm



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

$\chi^2 / \text{ndf}$  53.42 / 44  
 p0  $-1.247 \pm 0.4209$

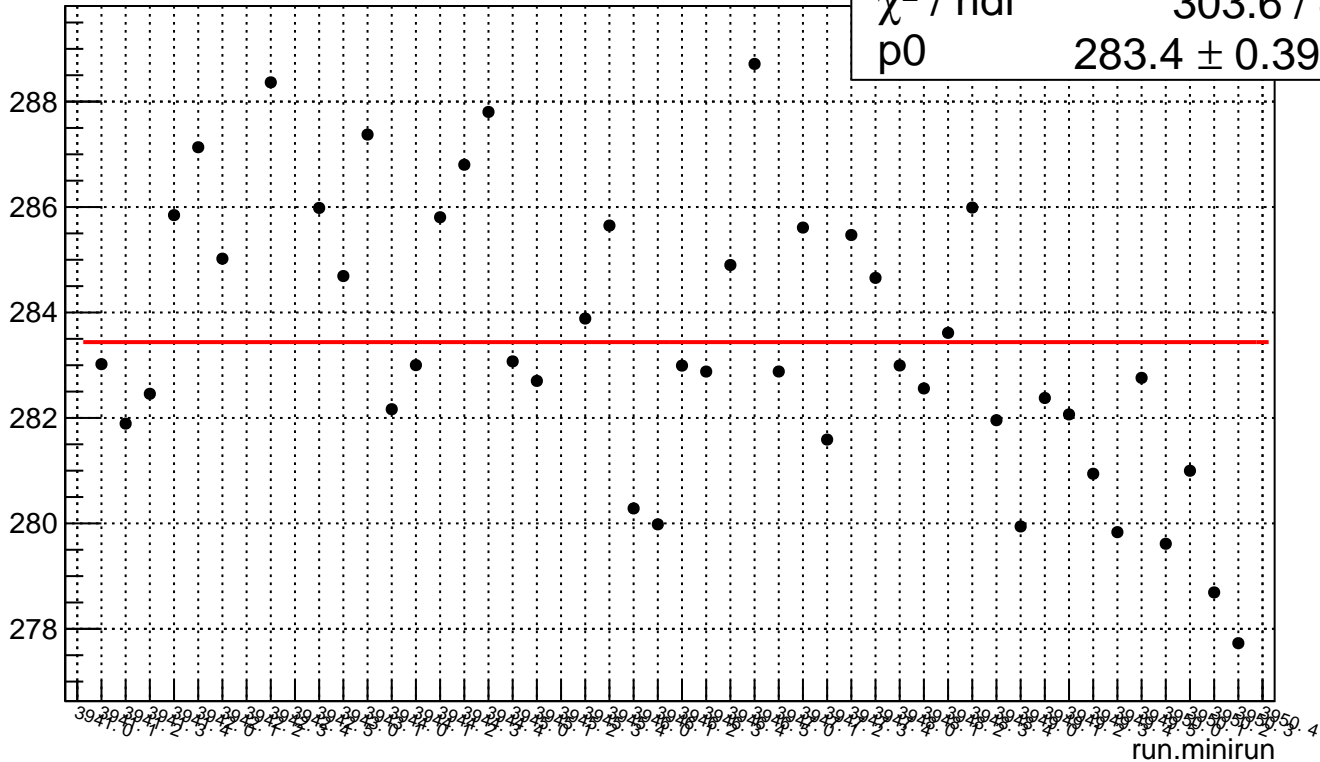
reg\_asym\_atl\_avg\_mean/ppm



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

$\chi^2 / \text{ndf}$  303.6 / 44  
 p0  $283.4 \pm 0.3916$

reg\_asym\_atl\_avg\_rms/ppm



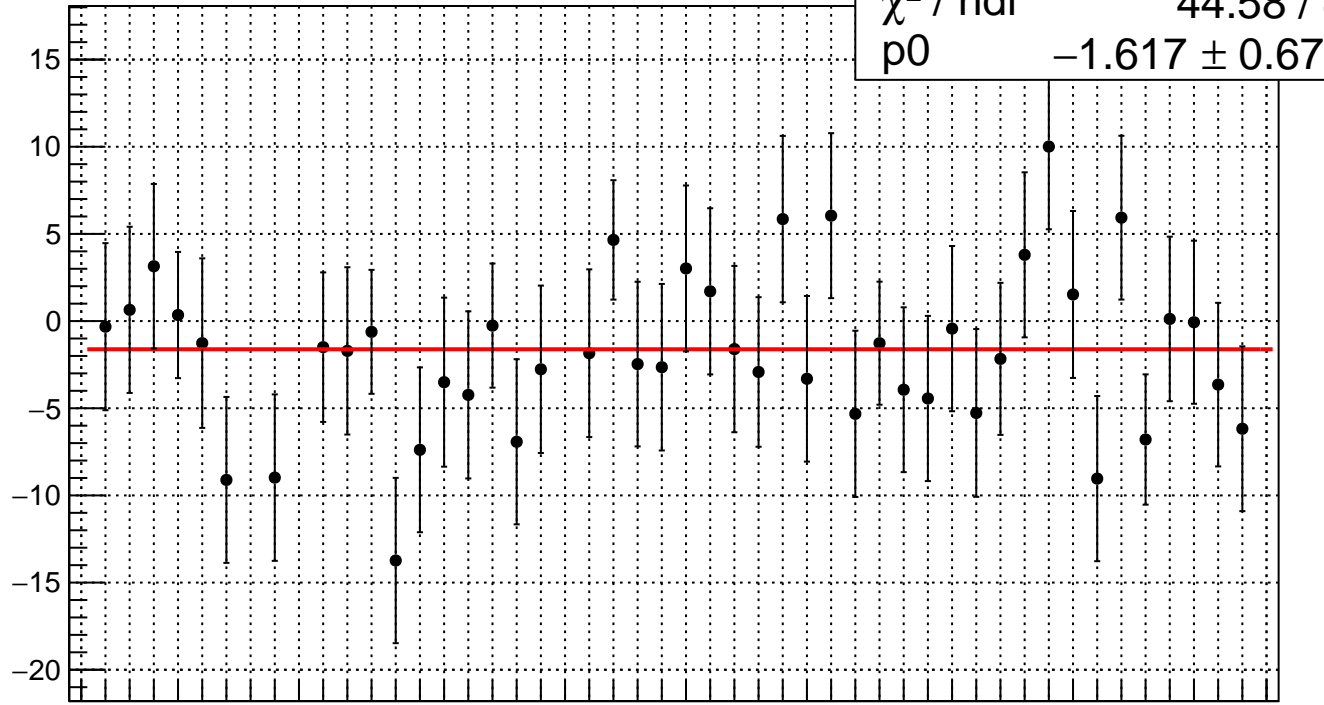
run.minirun



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

$\chi^2 / \text{ndf}$  44.58 / 44  
 p0  $-1.617 \pm 0.6706$

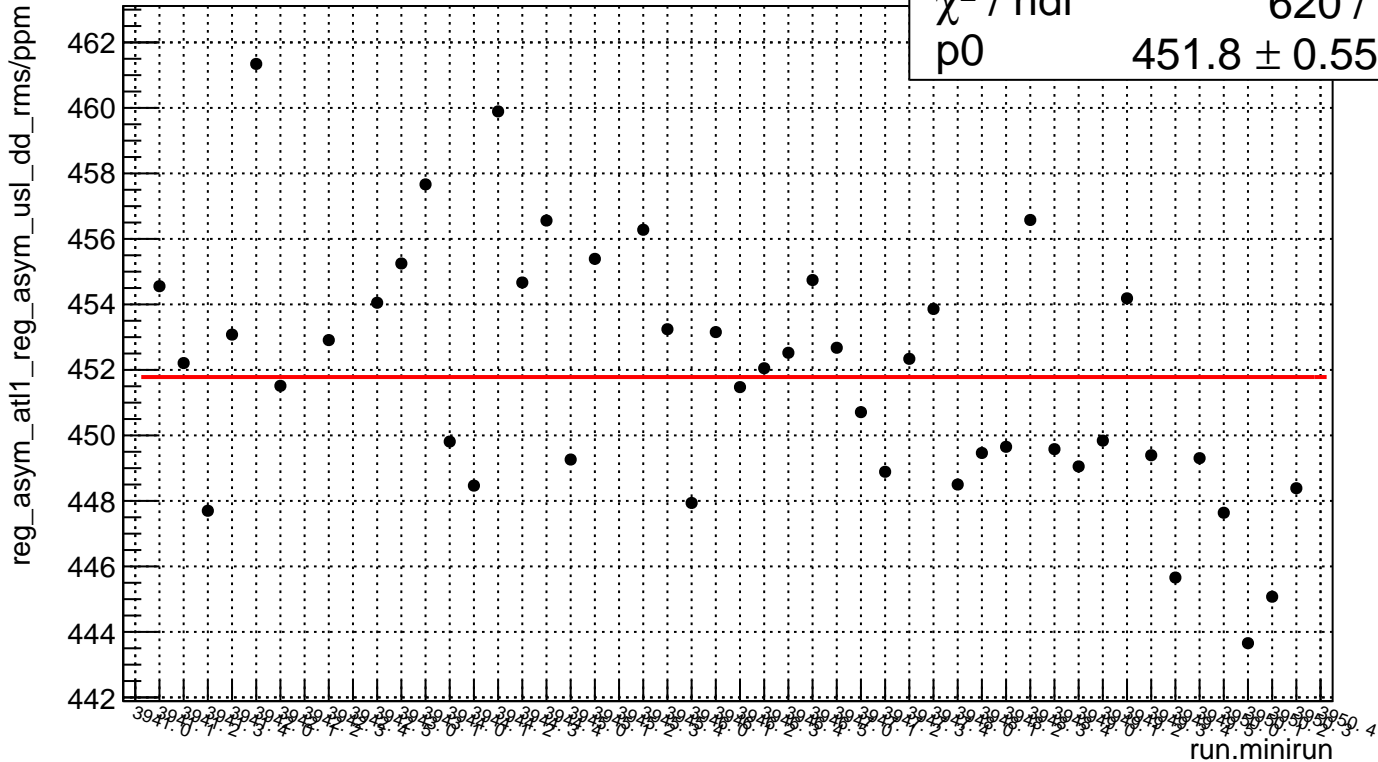
reg\_asym\_atl1\_reg\_asym\_usl\_dd\_mean/ppm



run.minirun

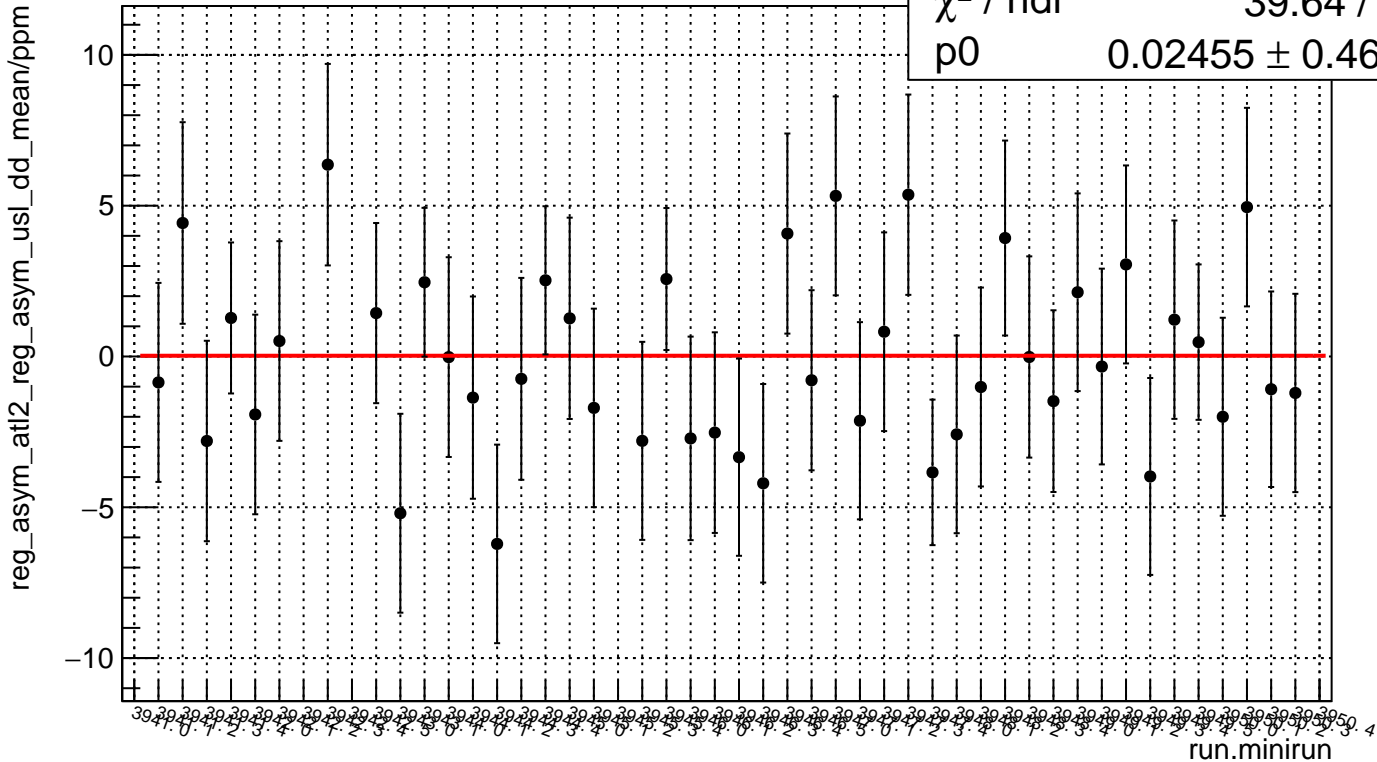
# reg\_asym\_atl1\_reg\_asym\_usl\_dd\_rms/ppm

$\chi^2 / \text{ndf}$  620 / 44  
 p0  $451.8 \pm 0.5596$



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

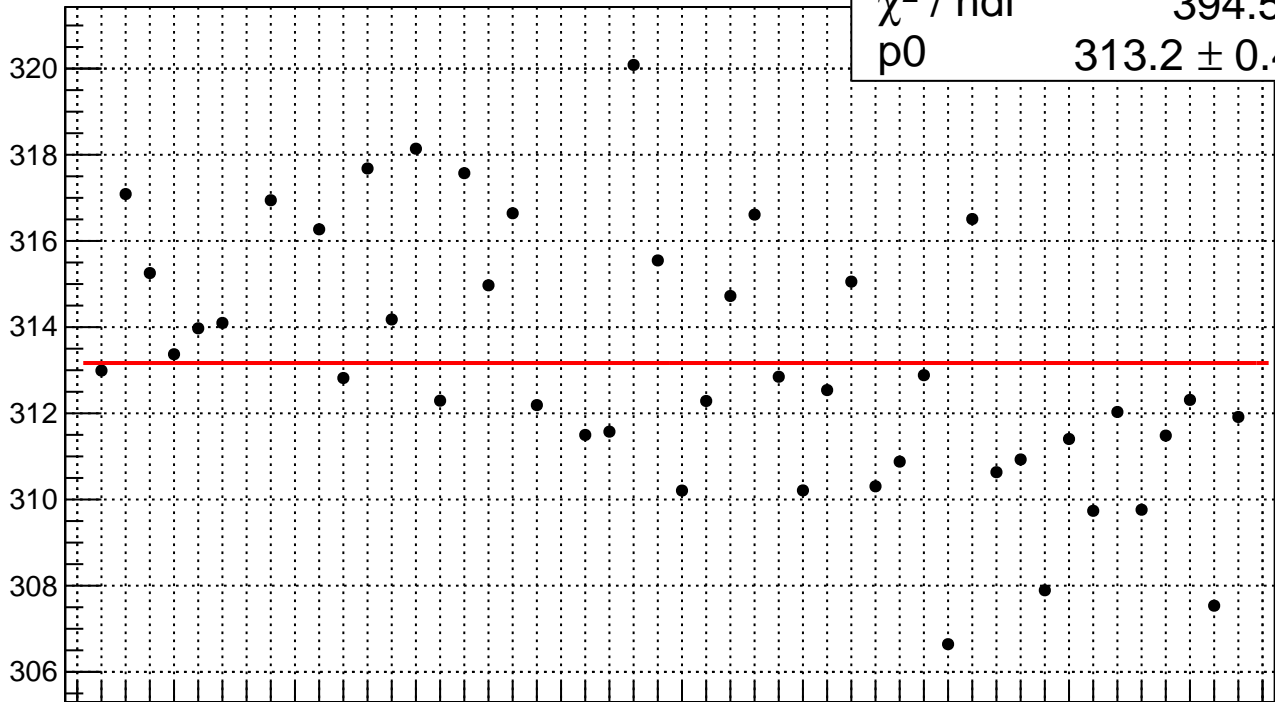
$\chi^2 / \text{ndf}$  39.64 / 44  
 p0 0.02455 ± 0.4646



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

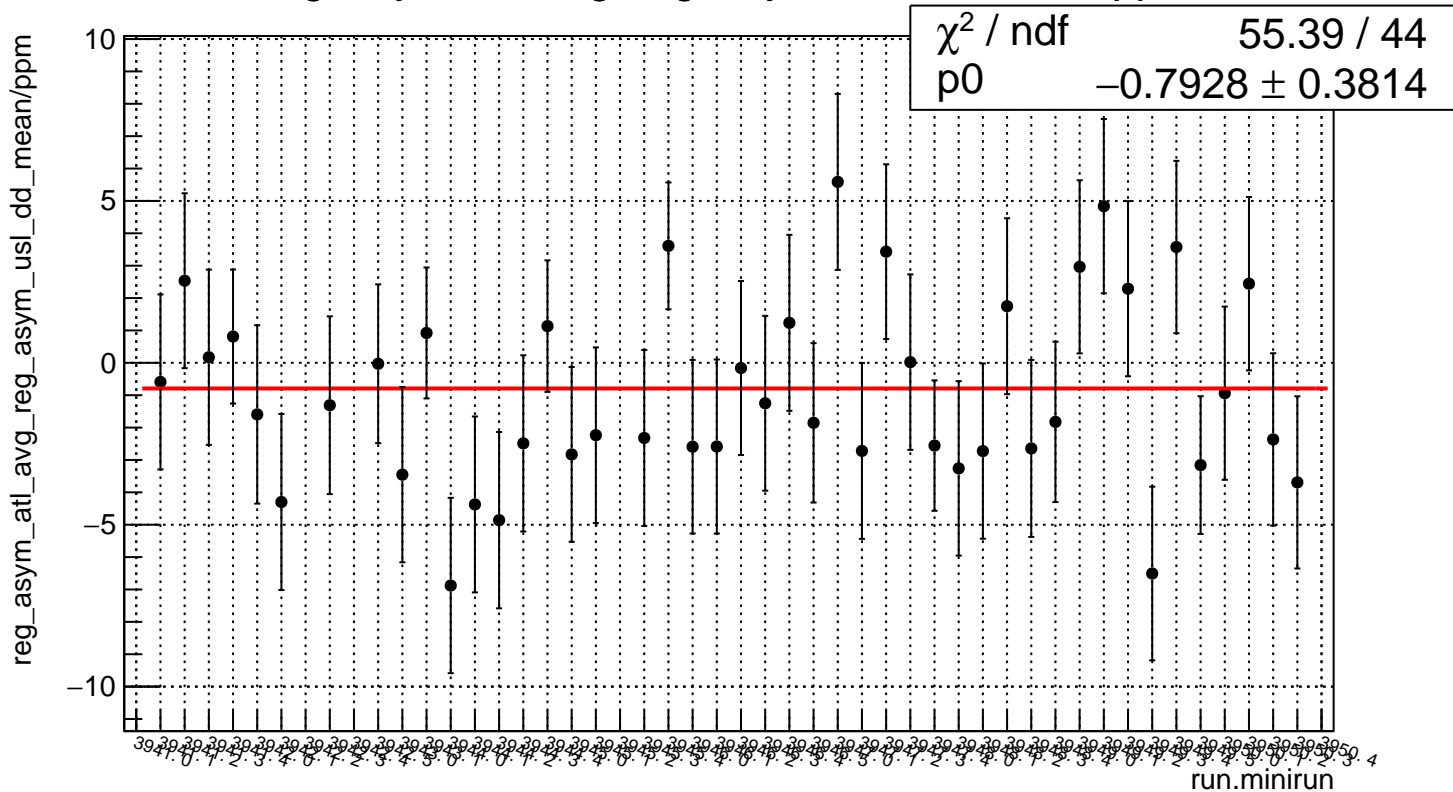
$\chi^2 / \text{ndf}$  394.5 / 44  
 p0 313.2 ± 0.4463

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



run.minirun

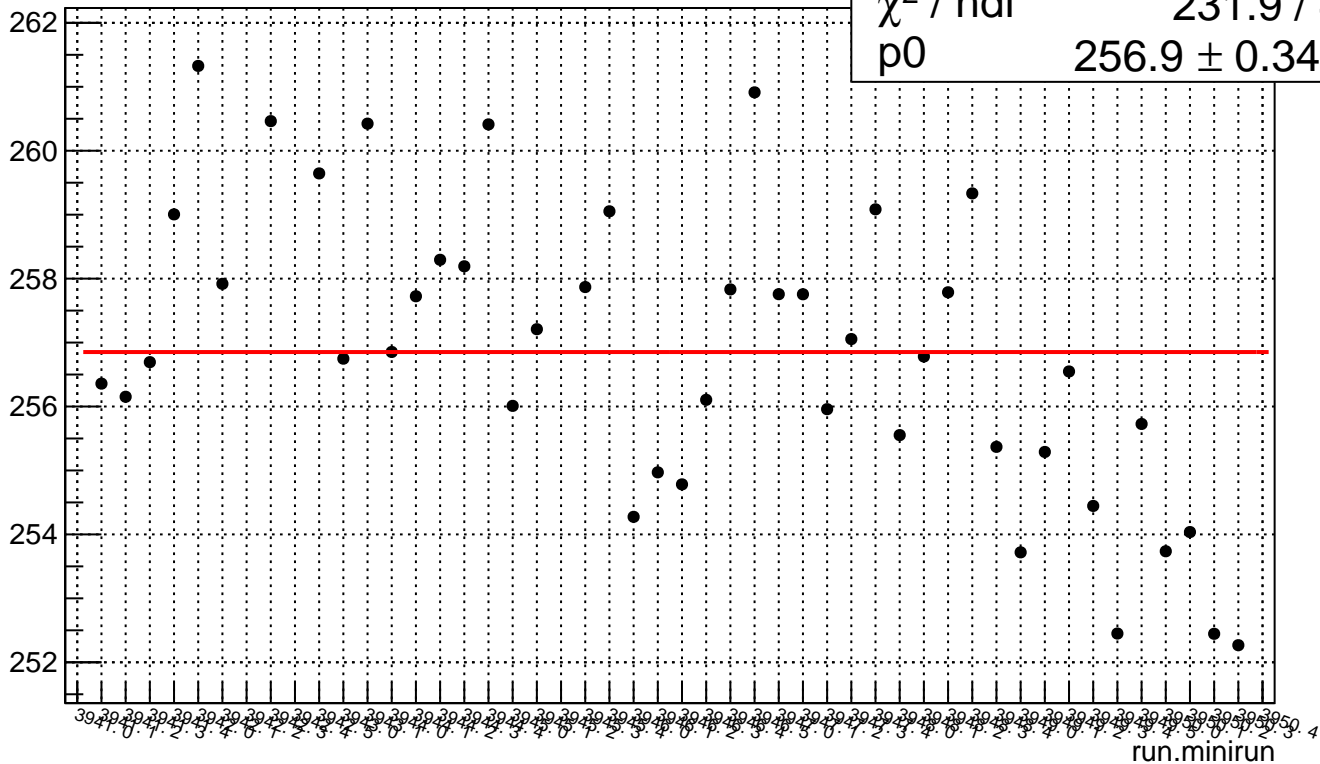
# reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_mean/ppm



# reg\_asym\_atl\_avg\_reg\_asym\_usl\_dd\_rms/ppm

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

$\chi^2 / \text{ndf}$  231.9 / 44  
 p0  $256.9 \pm 0.3422$



reg\_asym\_atr\_dd\_mean/ppm

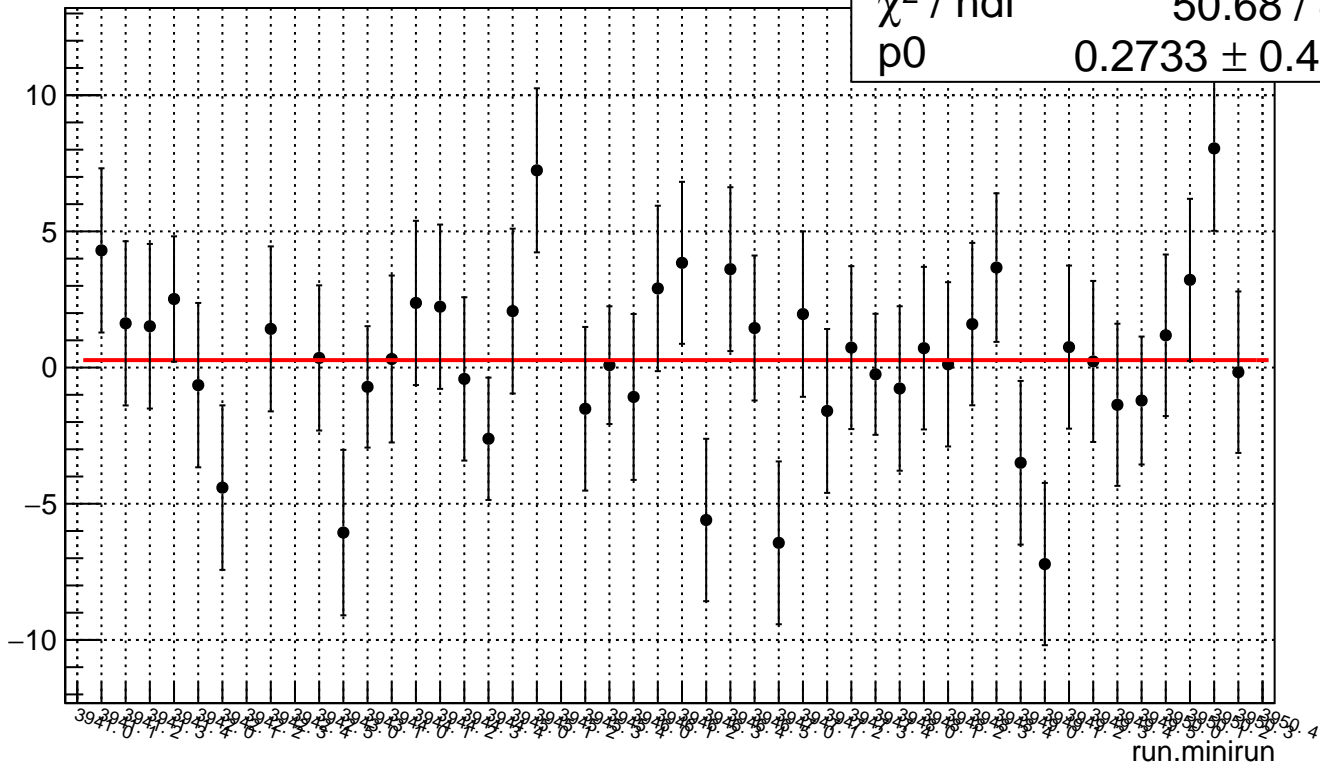
$\chi^2 / \text{ndf}$

50.68 / 44

p0

$0.2733 \pm 0.423$

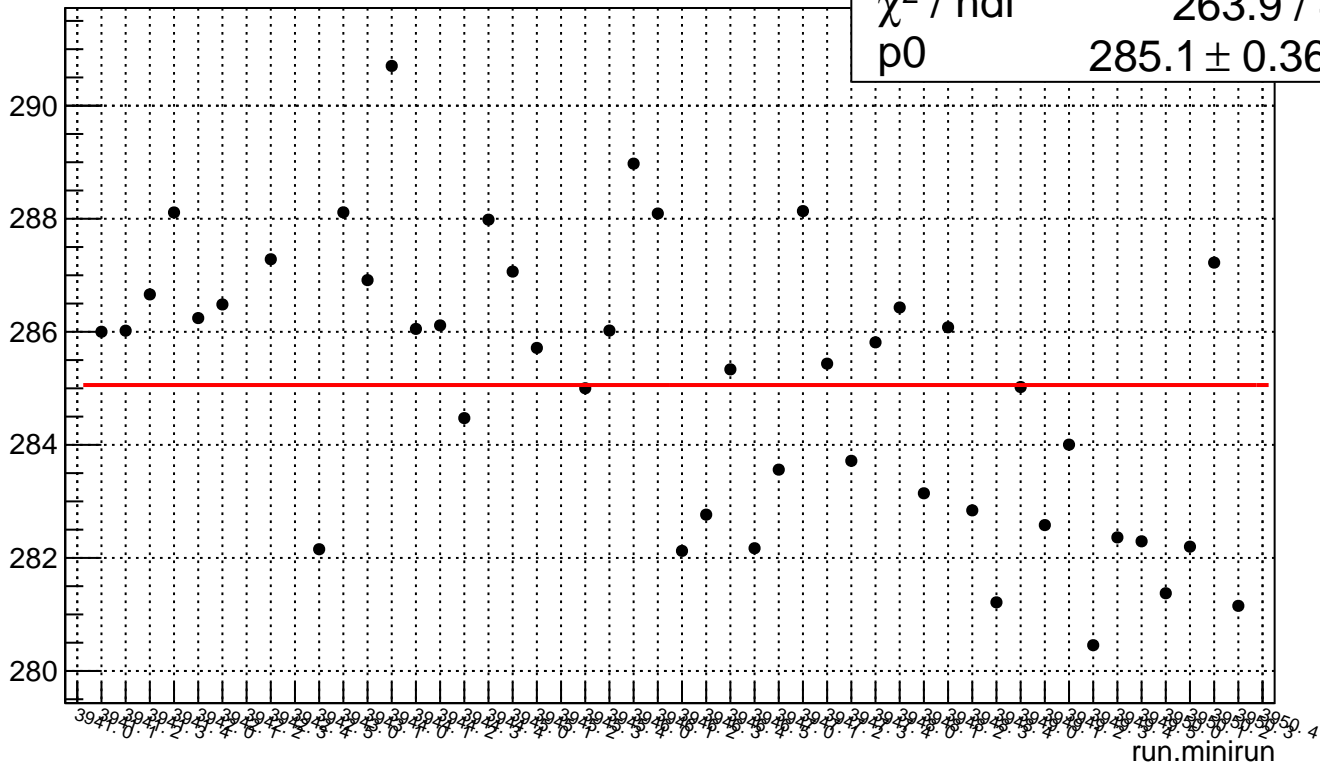
reg\_asym\_atr\_dd\_mean/ppm



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

reg\_asym\_atr\_dd\_rms/ppm

$\chi^2 / \text{ndf}$	263.9 / 44
p0	$285.1 \pm 0.3651$

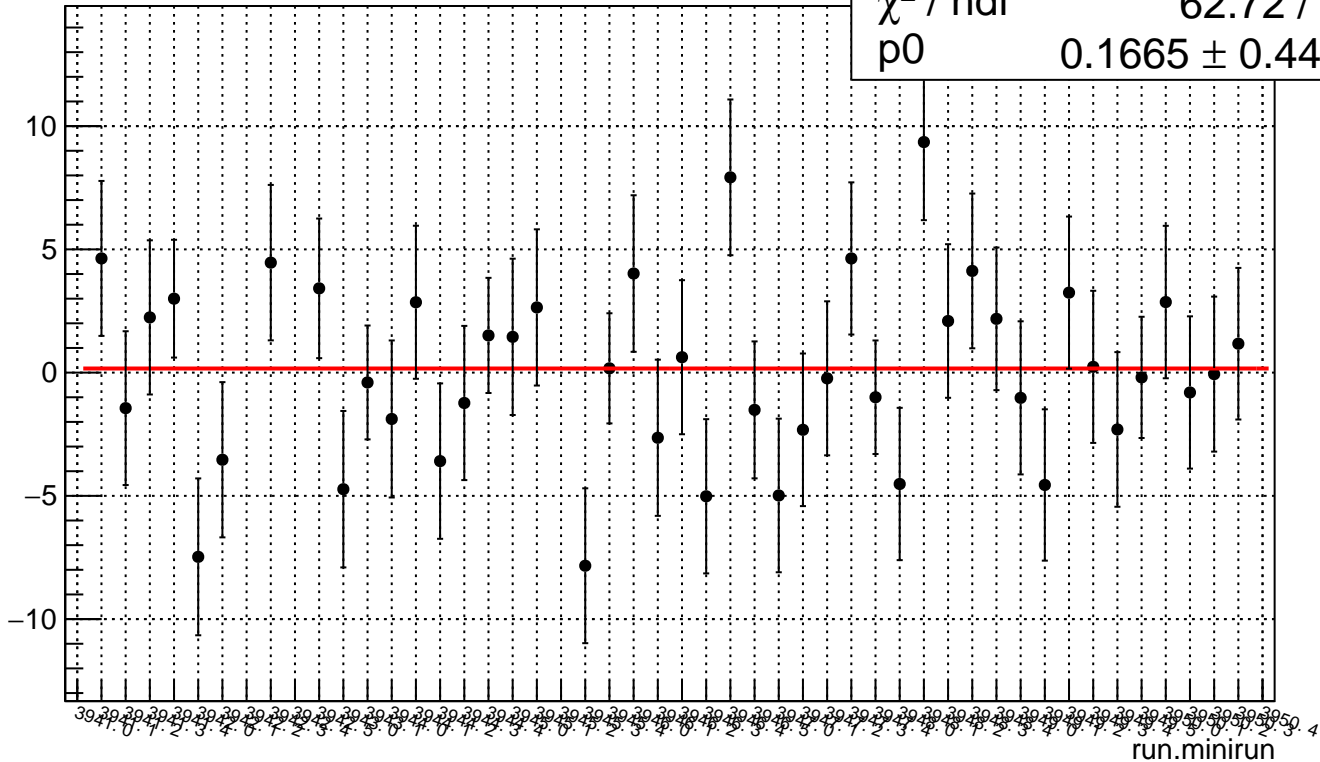




# reg\_asym\_atr\_avg\_mean/ppm

reg\_asym\_atr\_avg\_mean/ppm

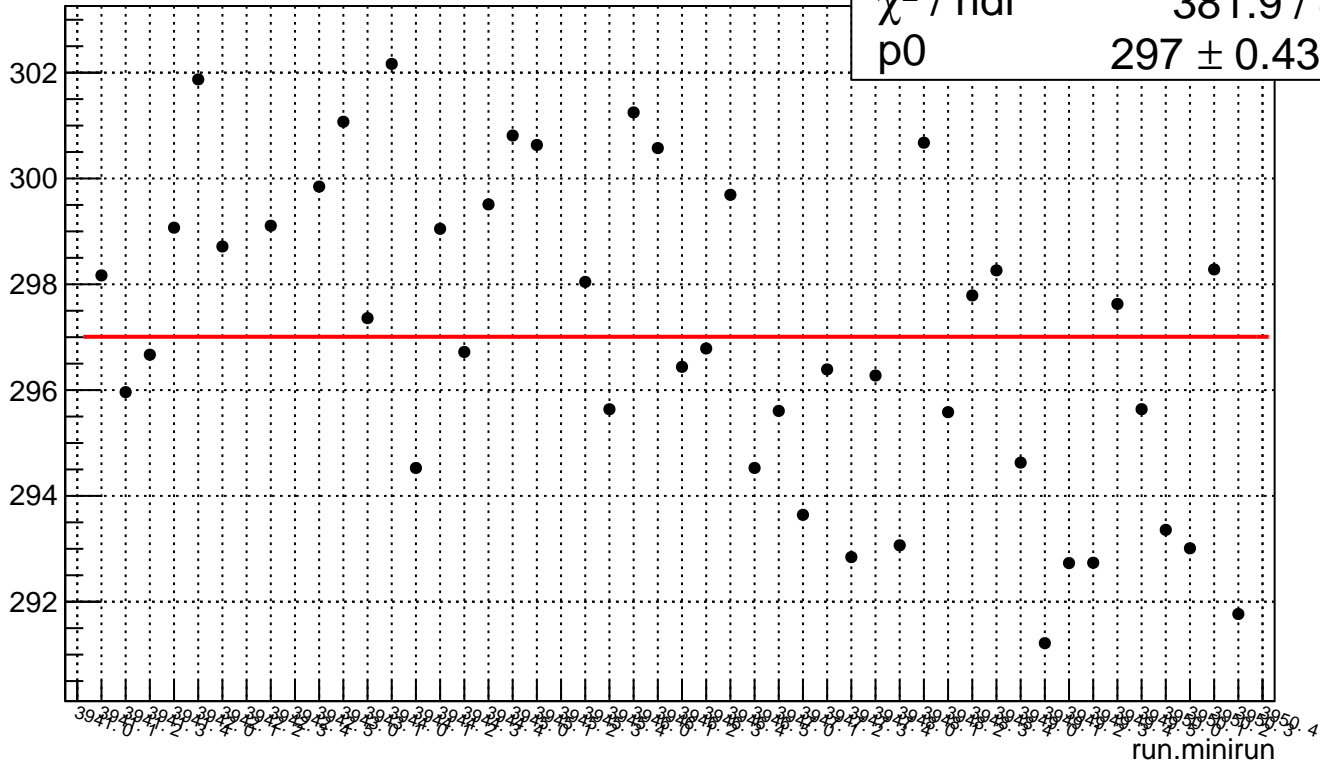
$\chi^2 / \text{ndf}$  62.72 / 44  
 p0 0.1665 ± 0.4407



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

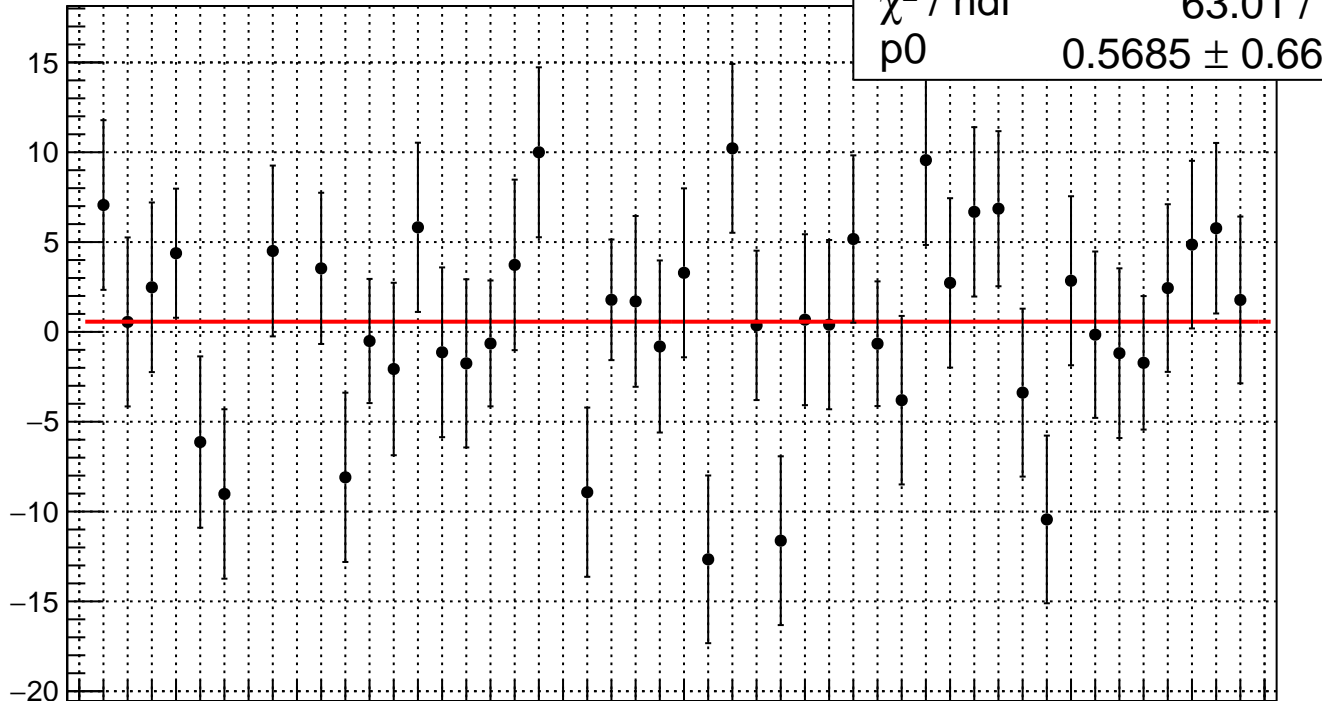
reg\_asym\_atr\_avg\_rms/ppm

$\chi^2 / \text{ndf}$  381.9 / 44  
 p0 297 ± 0.4392



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

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



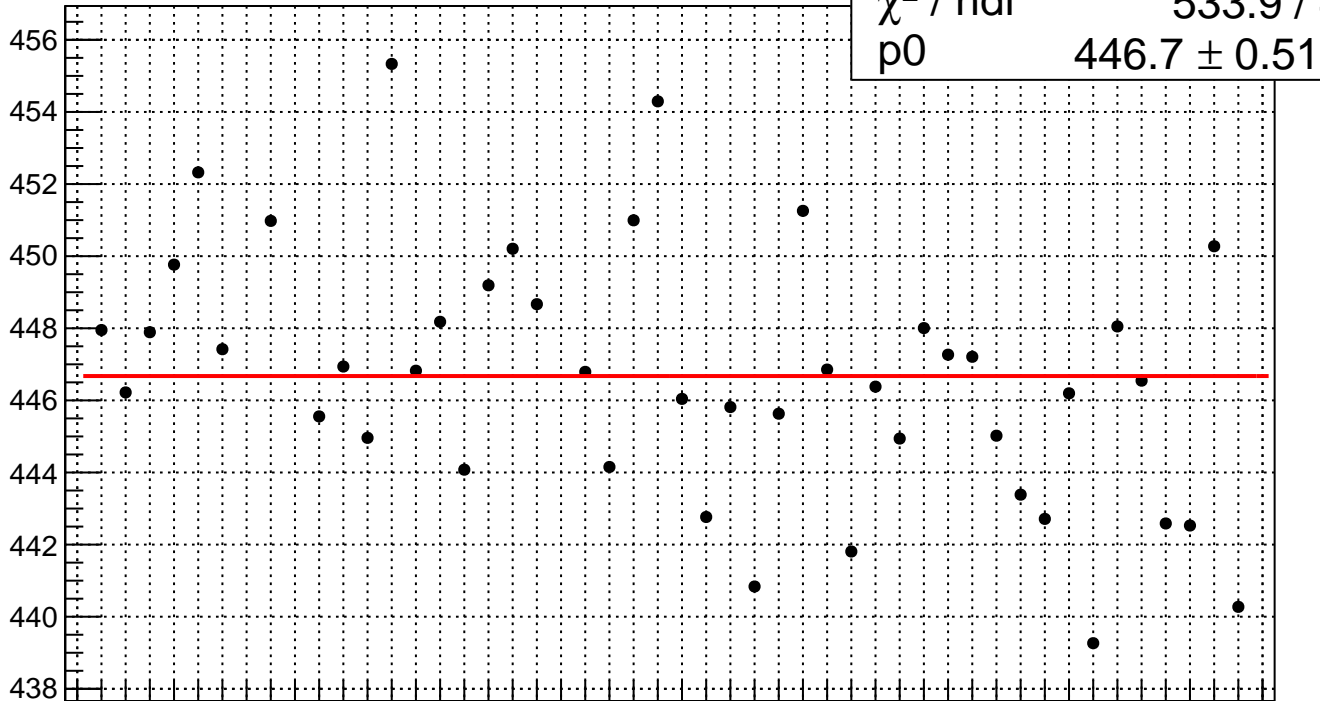
$\chi^2 / \text{ndf}$  63.01 / 44  
 $p_0$  0.5685  $\pm$  0.6626

run.minirun

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

$\chi^2 / \text{ndf}$  533.9 / 44  
p0  $446.7 \pm 0.5193$

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

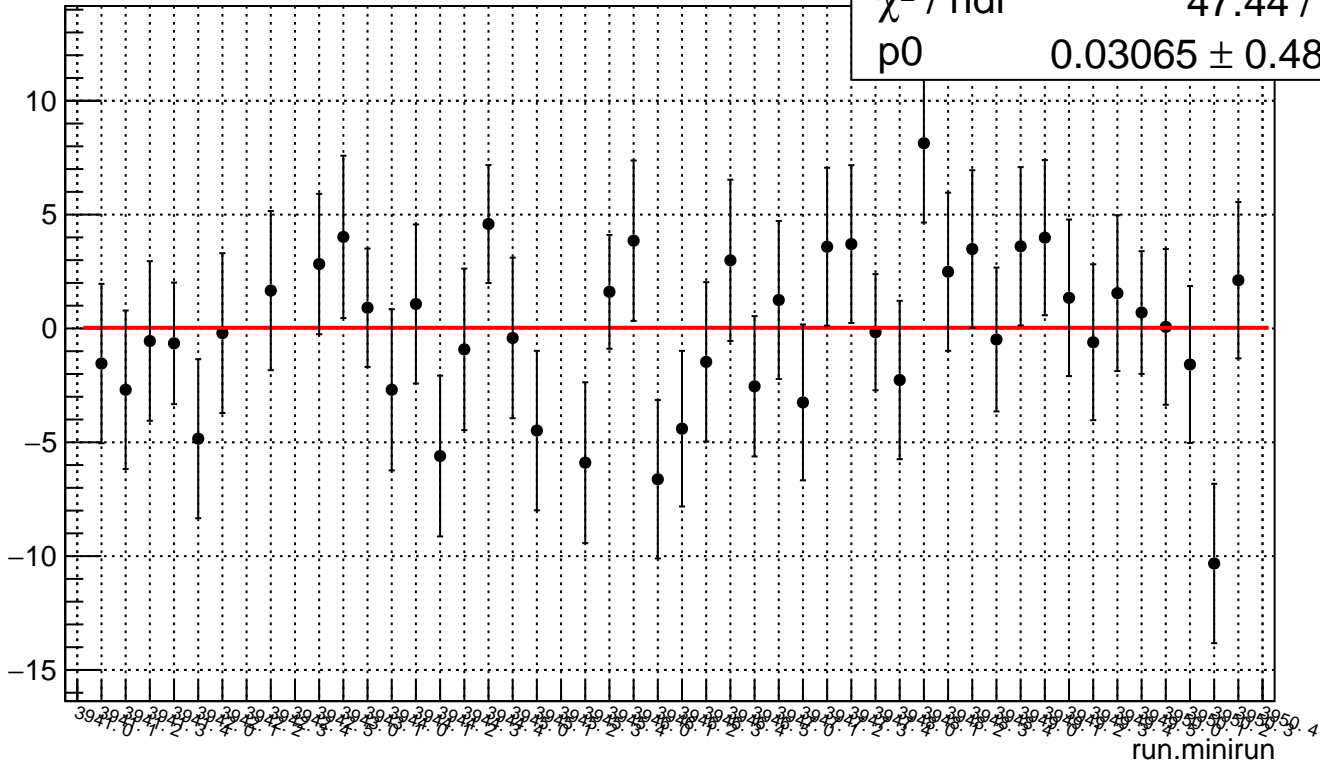


run.minirun

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

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

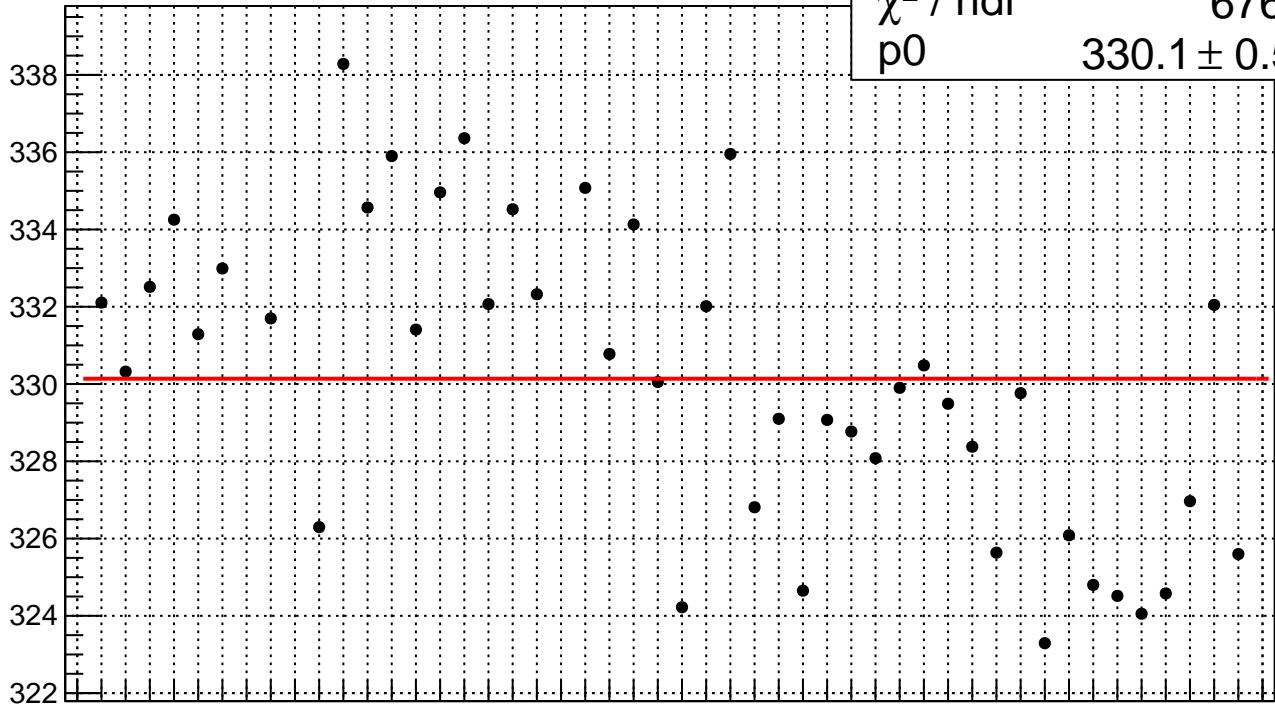
$\chi^2 / \text{ndf}$  47.44 / 44  
 p0 0.03065 ± 0.4898



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

$\chi^2 / \text{ndf}$  676 / 44  
p0  $330.1 \pm 0.5843$

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

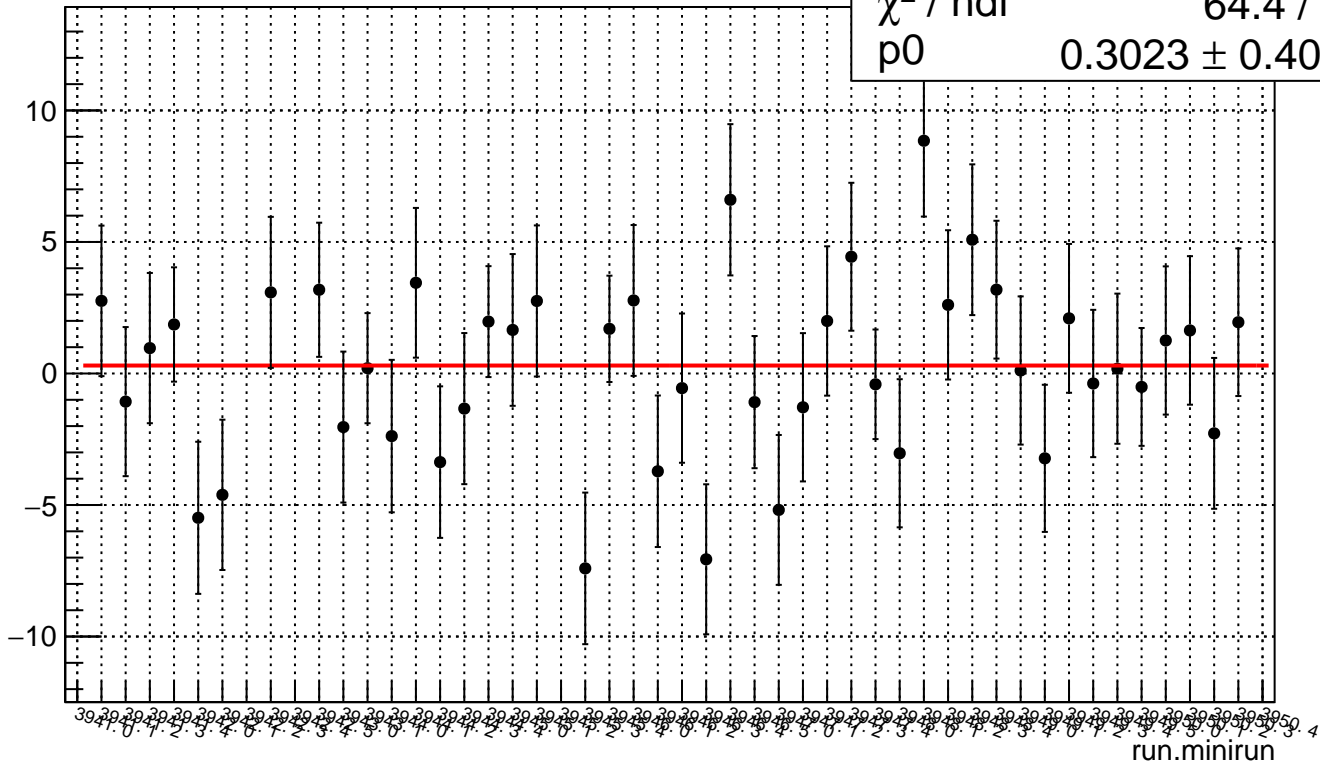


run.minirun

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

$\chi^2 / \text{ndf}$  64.4 / 44  
 p0 0.3023 ± 0.4007

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



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

$\chi^2 / \text{ndf}$  280.7 / 44  
p0  $270.2 \pm 0.3765$

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

