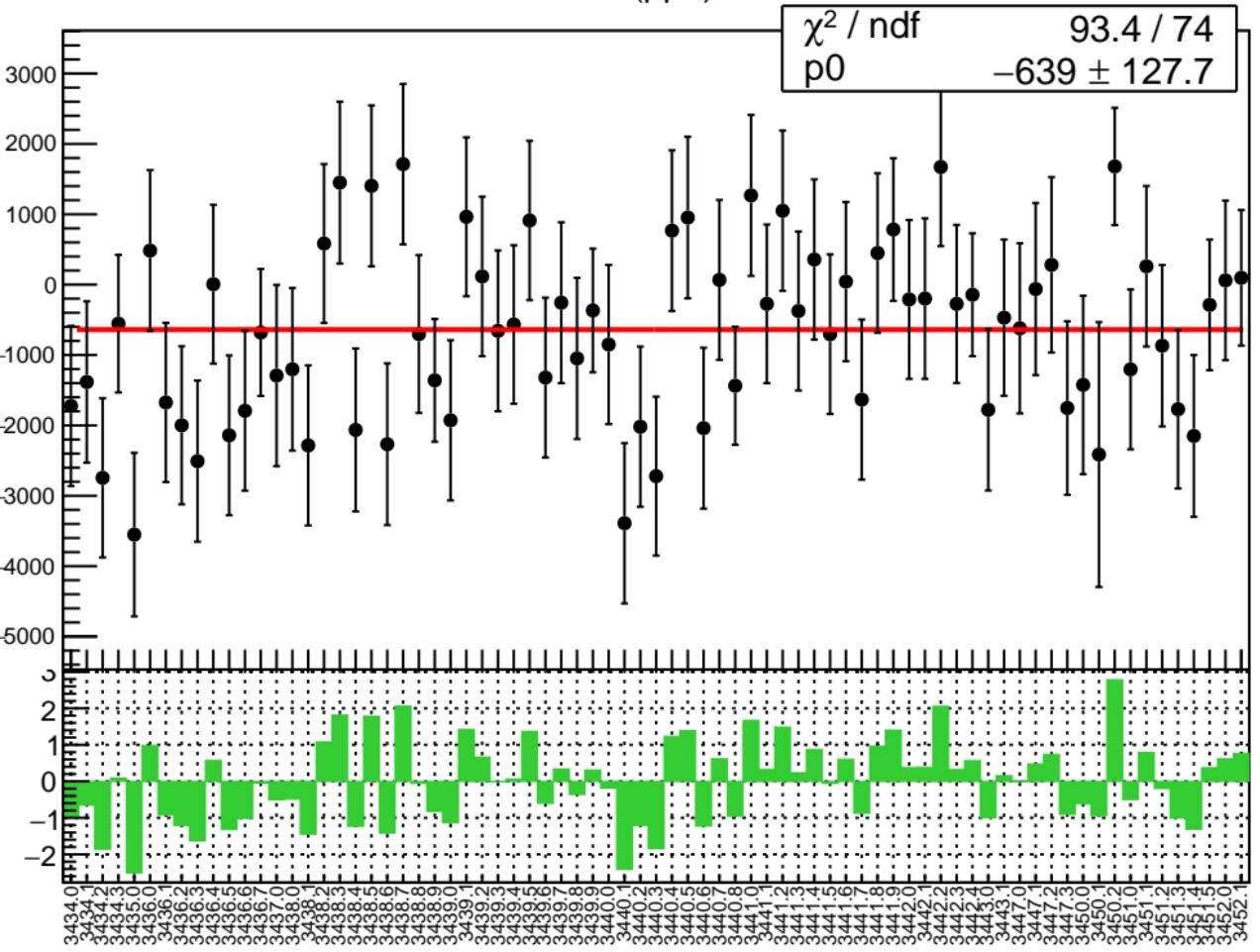
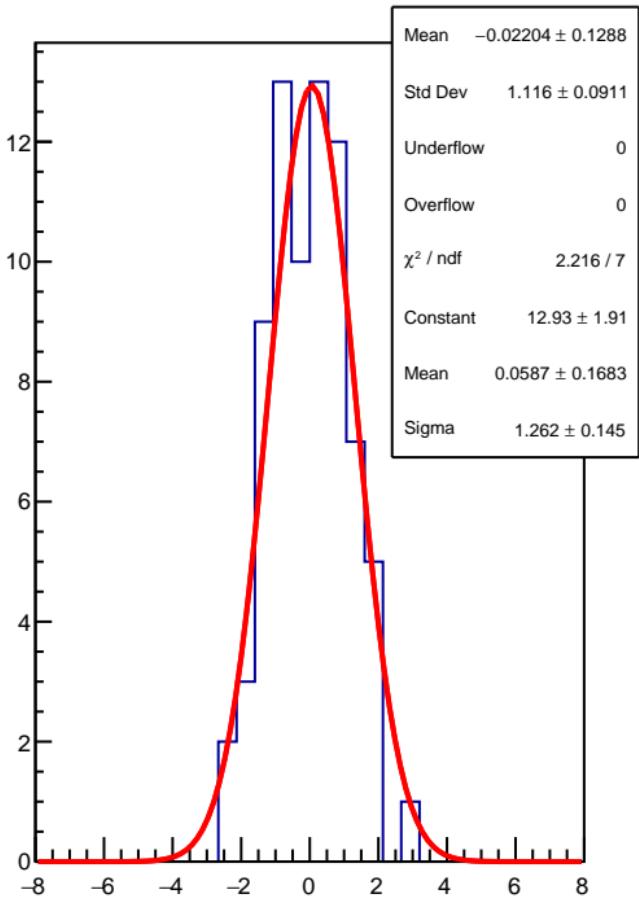


Adet (ppb)

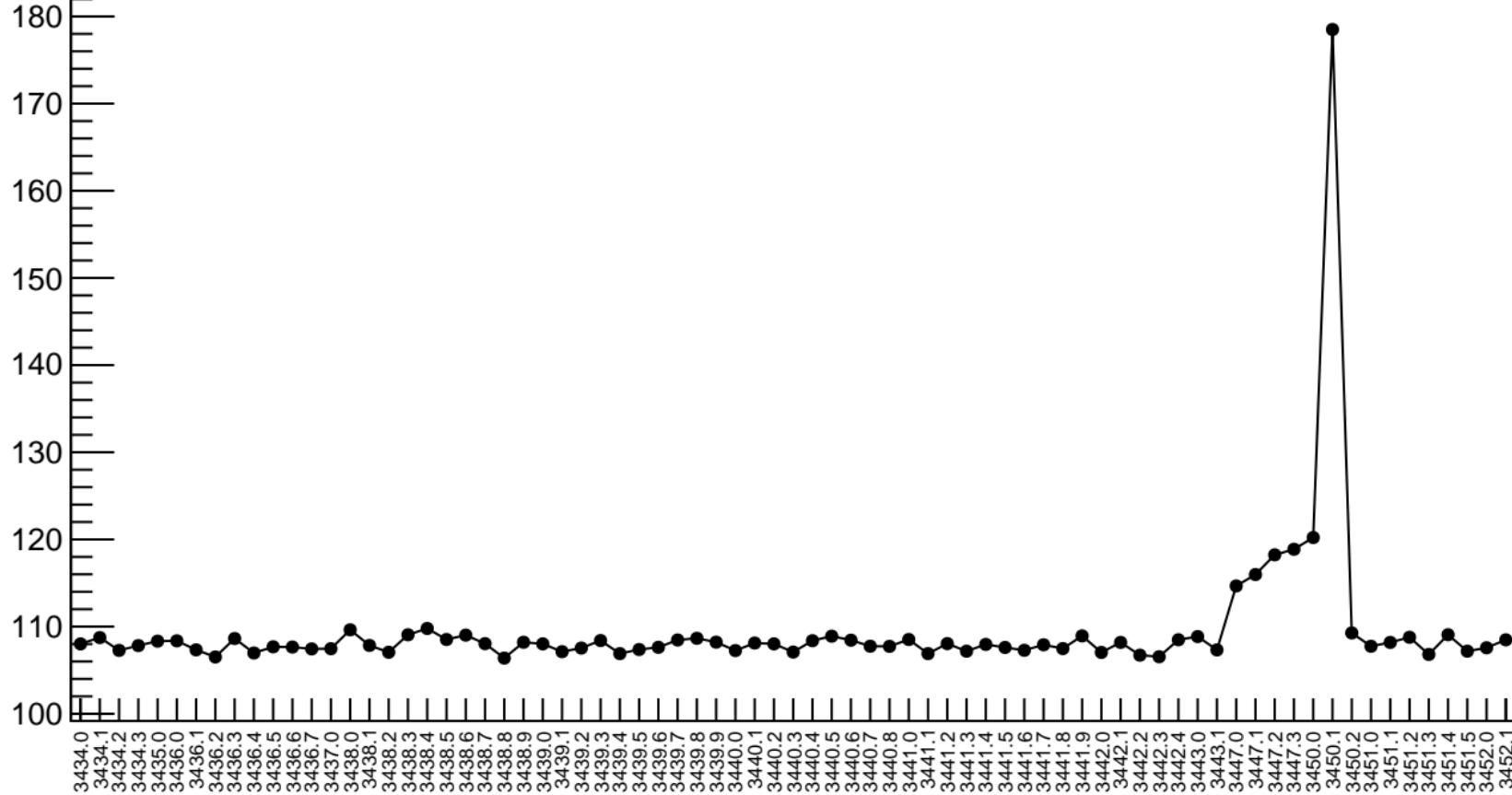


1D pull distribution

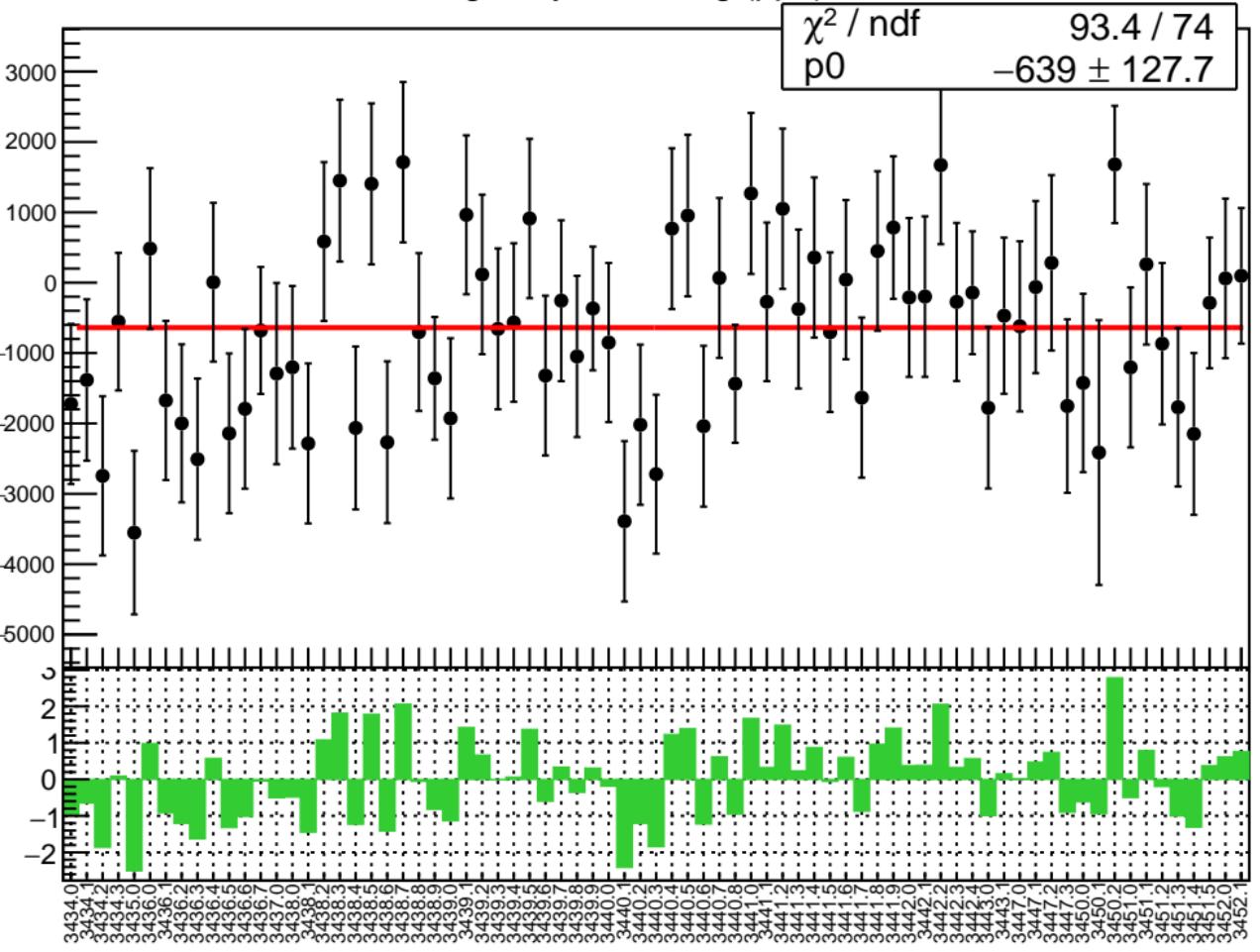


# Adet RMS (ppm)

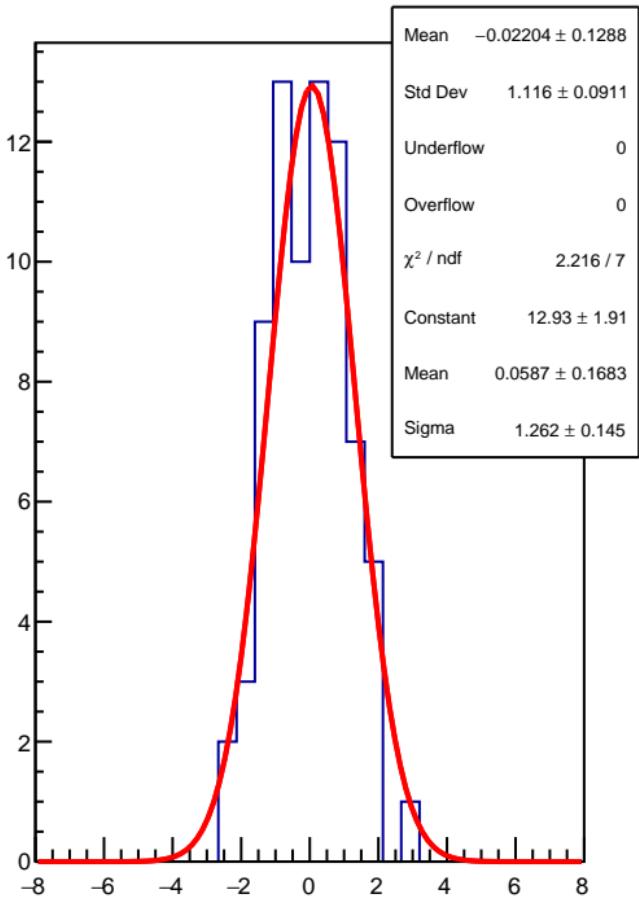
RMS (ppm)



lagr\_asym\_us\_avg (ppb)



1D pull distribution

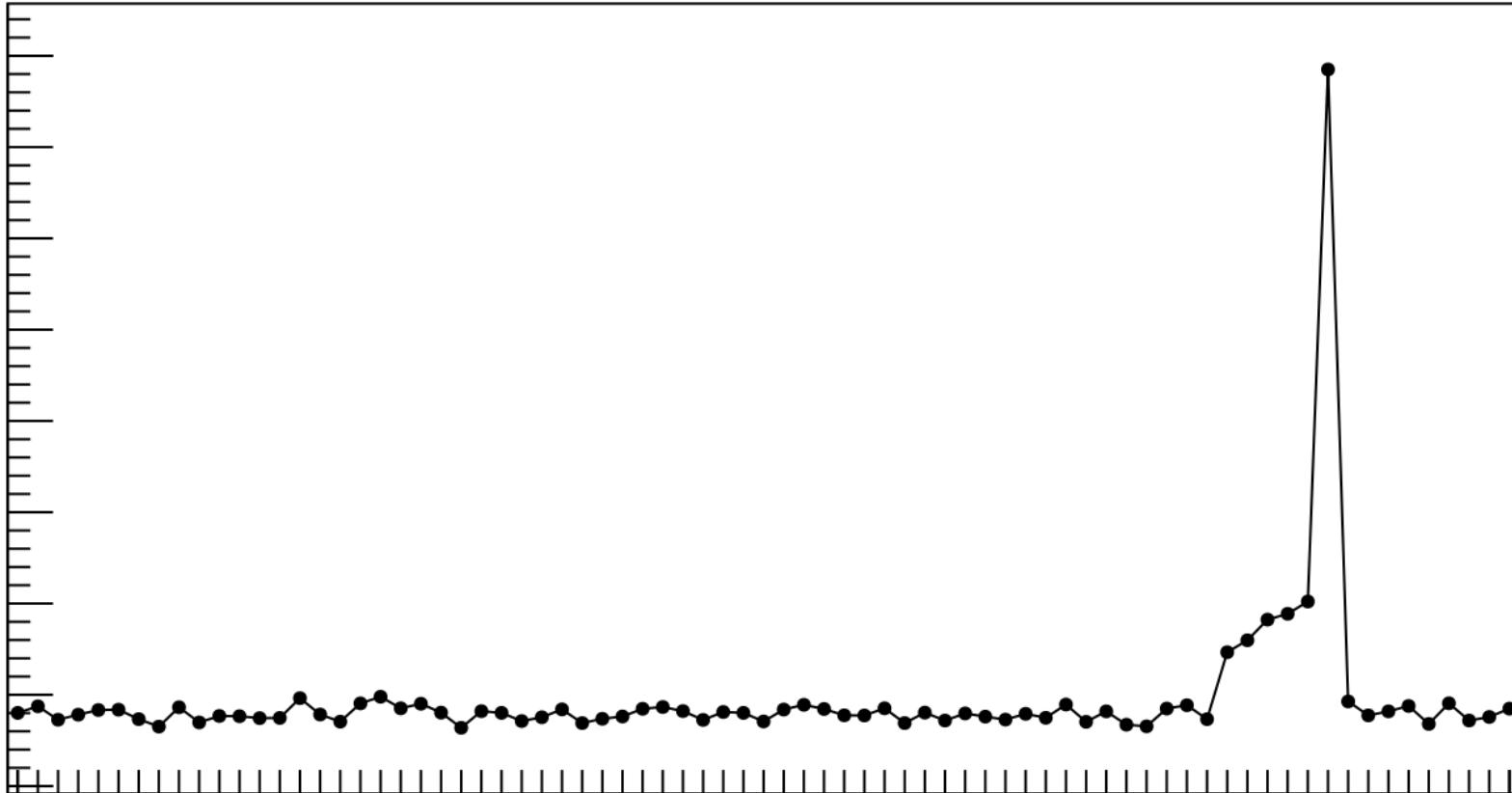


# lagr\_asym\_us\_avg RMS (ppm)

RMS (ppm)

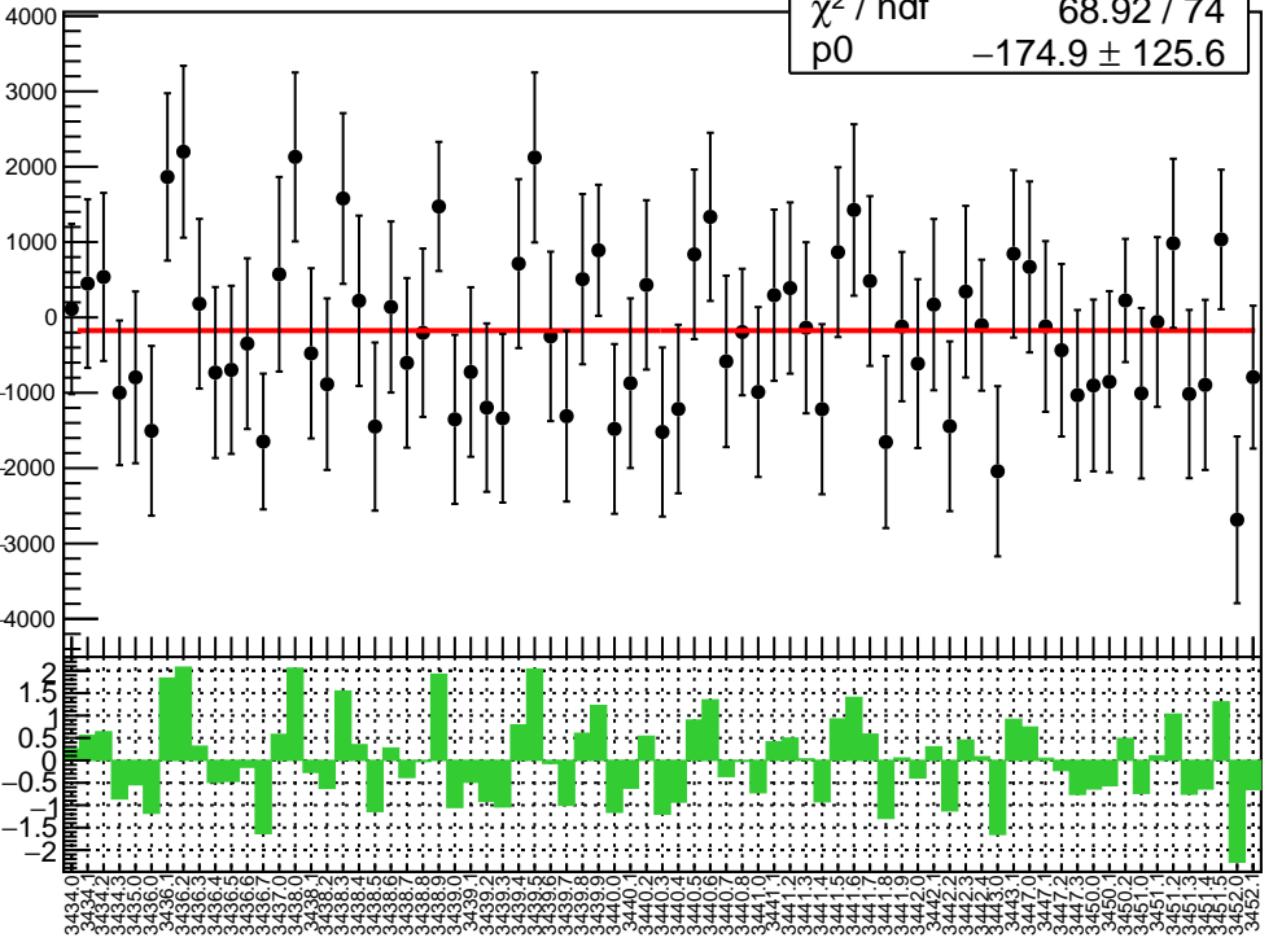
180  
170  
160  
150  
140  
130  
120  
110  
100

3434.0  
3434.1  
3434.2  
3434.3  
3435.0  
3436.0  
3436.1  
3436.2  
3436.3  
3436.4  
3436.5  
3436.6  
3436.7  
3437.0  
3438.0  
3438.1  
3438.2  
3438.3  
3438.4  
3438.5  
3438.6  
3438.7  
3438.8  
3438.9  
3439.0  
3439.1  
3439.2  
3439.3  
3439.4  
3439.5  
3439.6  
3439.7  
3439.8  
3439.9  
3440.0  
3440.1  
3440.2  
3440.3  
3440.4  
3440.5  
3440.6  
3440.7  
3440.8  
3441.0  
3441.1  
3441.2  
3441.3  
3441.4  
3441.5  
3441.6  
3441.7  
3441.8  
3441.9  
3442.0  
3442.1  
3442.2  
3442.3  
3442.4  
3443.0  
3443.1  
3447.1  
3447.2  
3447.3  
3450.0  
3450.1  
3450.2  
3451.0  
3451.1  
3451.2  
3451.3  
3451.4  
3451.5  
3452.0  
3452.1

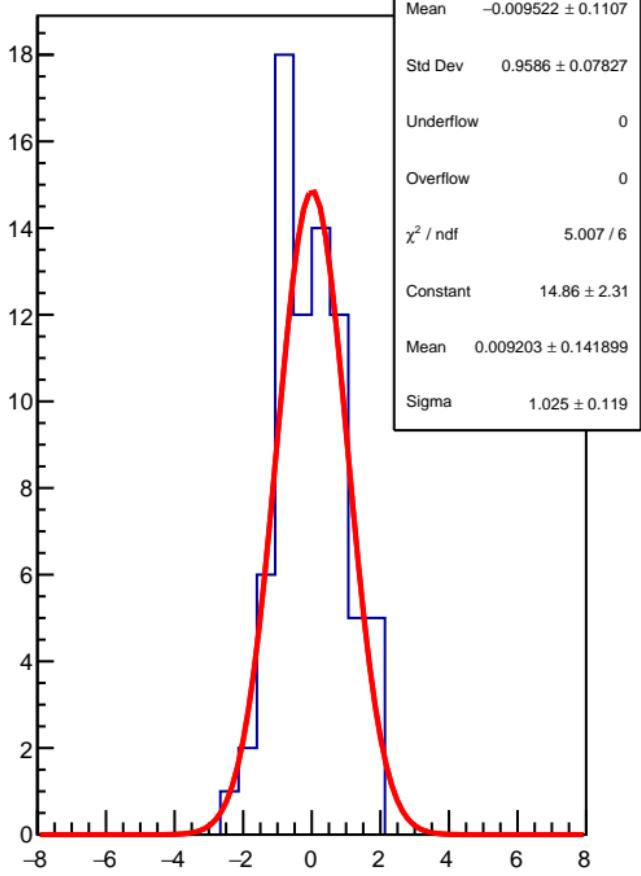


# lagr\_asym\_us\_dd (ppb)

$\chi^2 / \text{ndf}$  68.92 / 74  
 $p_0$   $-174.9 \pm 125.6$

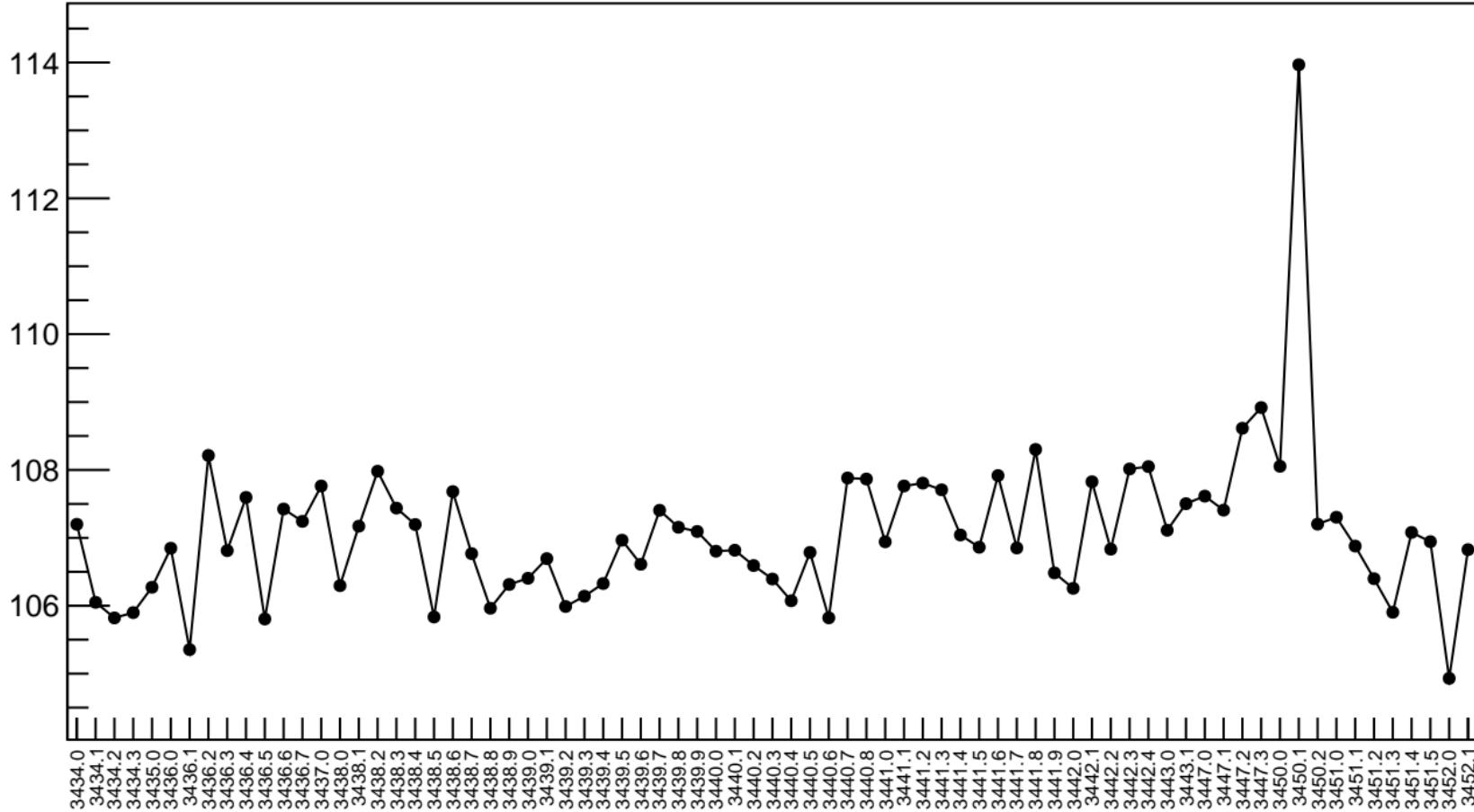


# 1D pull distribution



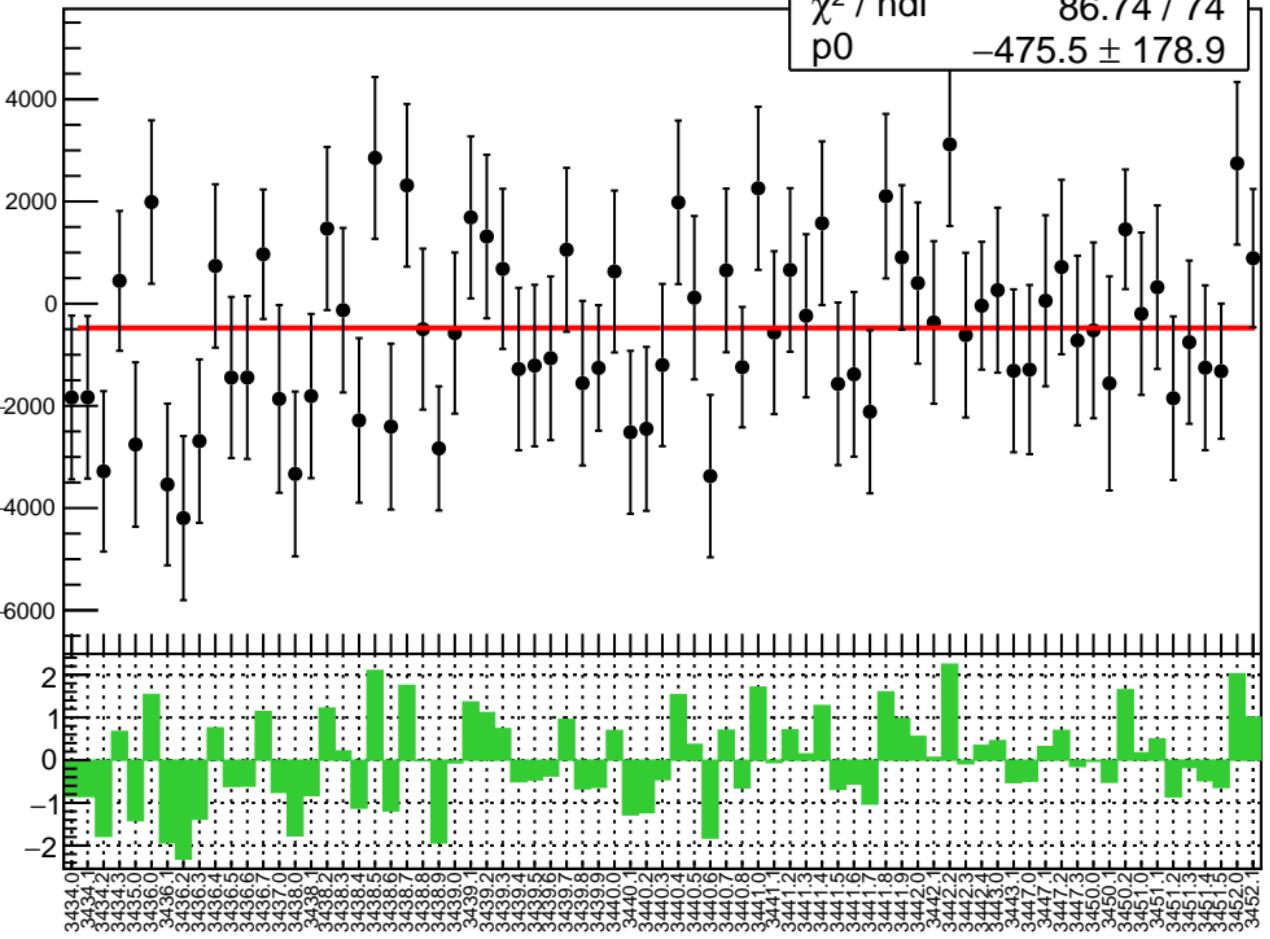
# lagr\_asym\_us\_dd RMS (ppm)

RMS (ppm)



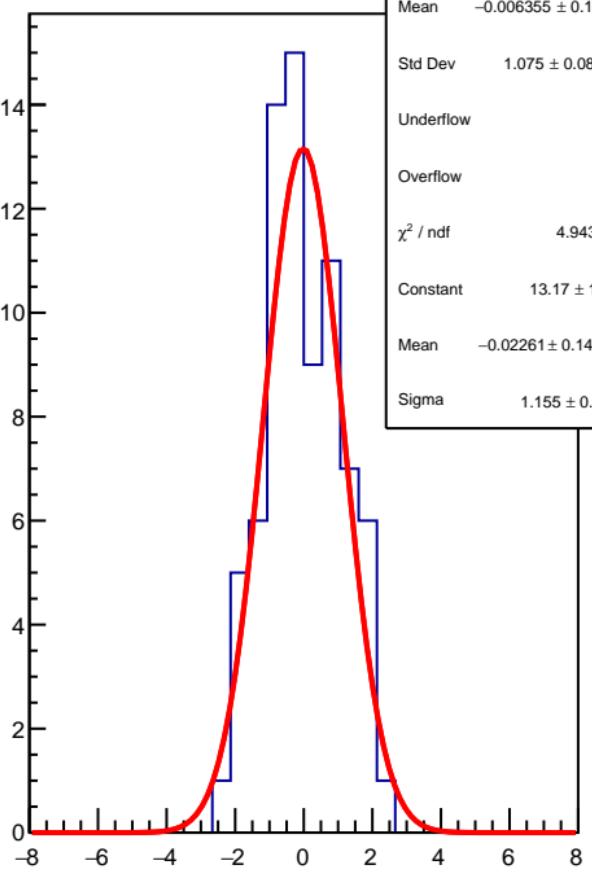
lagr\_asym\_usr (ppb)

$\chi^2 / \text{ndf}$  86.74 / 74  
p0  $-475.5 \pm 178.9$



1D pull distribution

Mean  $-0.006355 \pm 0.1242$   
Std Dev  $1.075 \pm 0.08781$   
Underflow 0  
Overflow 0  
 $\chi^2 / \text{ndf}$  4.943 / 7  
Constant  $13.17 \pm 1.93$   
Mean  $-0.02261 \pm 0.14910$   
Sigma  $1.155 \pm 0.113$

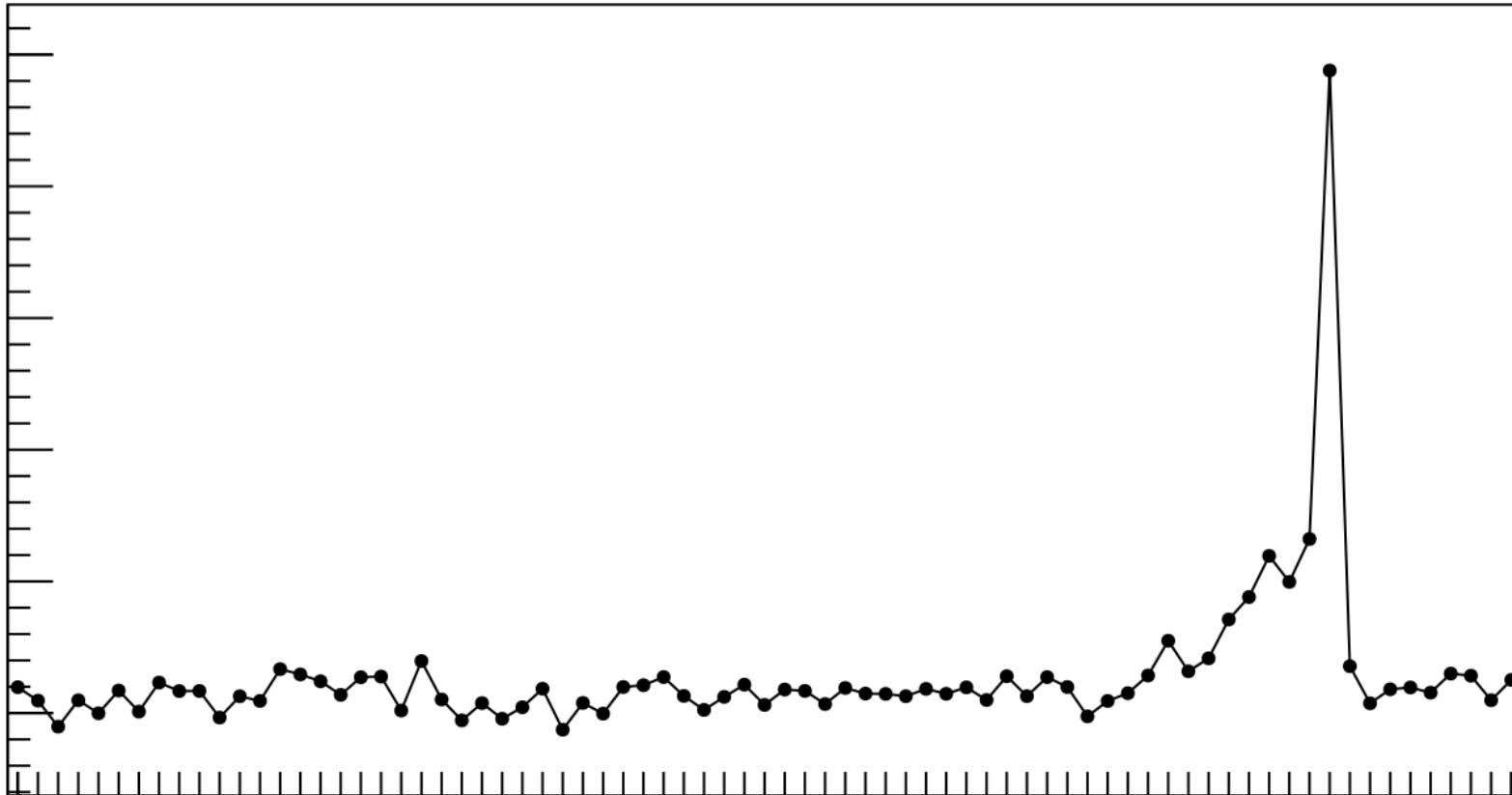


# lagr\_asym\_usr RMS (ppm)

RMS (ppm)

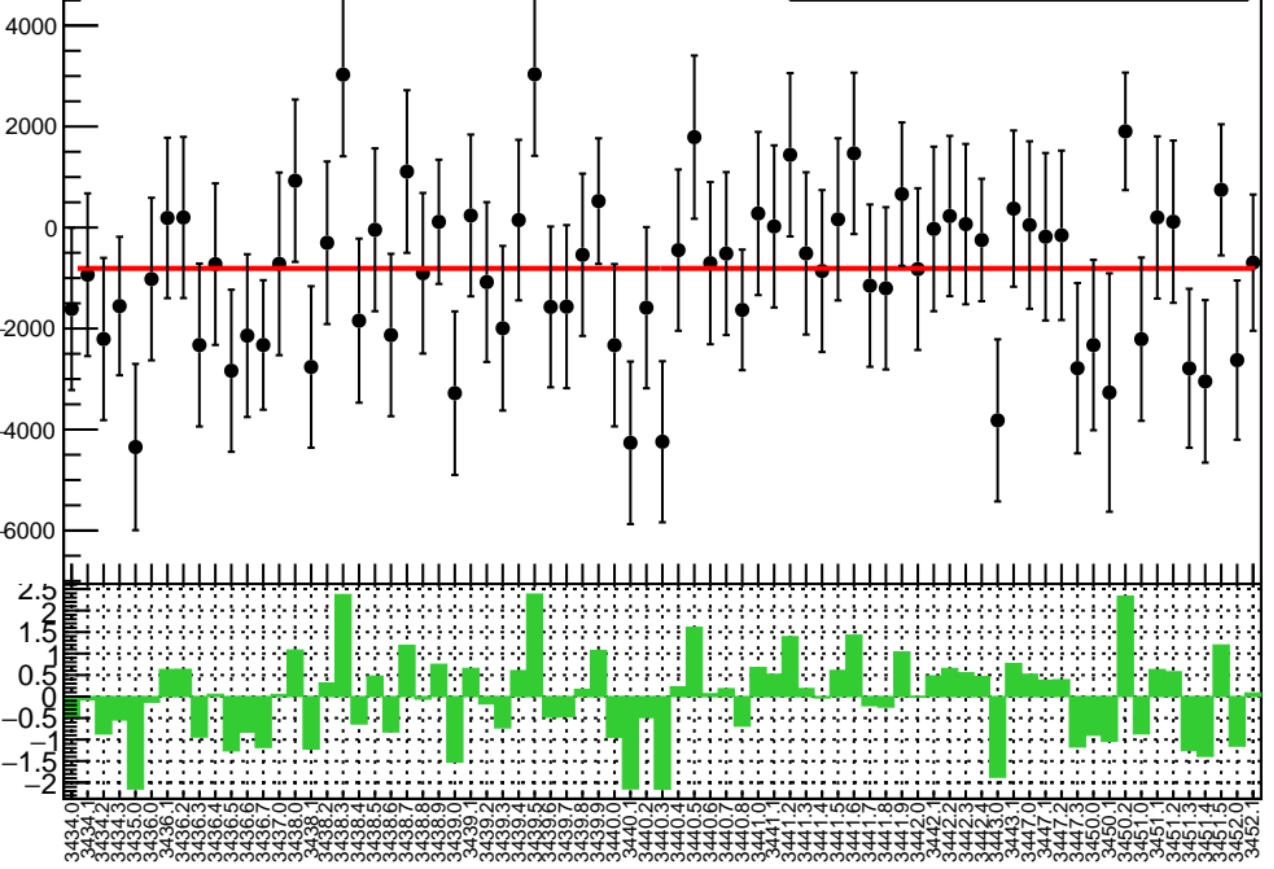
200  
190  
180  
170  
160  
150

3434.0  
3434.1  
3434.2  
3434.3  
3435.0  
3436.0  
3436.1  
3436.2  
3436.3  
3436.4  
3436.5  
3436.6  
3436.7  
3437.0  
3438.0  
3438.1  
3438.2  
3438.3  
3438.4  
3438.5  
3438.6  
3438.7  
3438.8  
3438.9  
3439.0  
3439.1  
3439.2  
3439.3  
3439.4  
3439.5  
3439.6  
3439.7  
3439.8  
3439.9  
3440.0  
3440.1  
3440.2  
3440.3  
3440.4  
3440.5  
3440.6  
3440.7  
3440.8  
3441.0  
3441.1  
3441.2  
3441.3  
3441.4  
3441.5  
3441.6  
3441.7  
3441.8  
3441.9  
3442.0  
3442.1  
3442.2  
3442.3  
3443.0  
3443.1  
3444.1  
3444.2  
3444.3  
3444.7.1  
3444.7.2  
3444.7.3  
3445.0  
3445.0.1  
3445.1  
3445.1.0  
3445.1.1  
3445.2  
3445.3  
3445.4  
3445.5  
3445.6

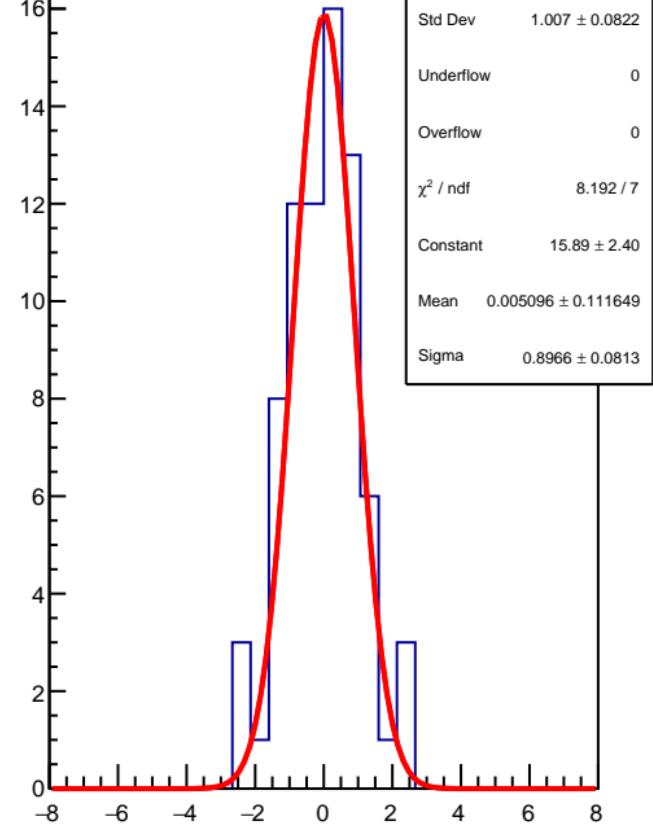


lagr\_asym\_usl (ppb)

$\chi^2 / \text{ndf}$  76.05 / 74  
p0  $-809.3 \pm 179.6$



1D pull distribution



# lagr\_asym\_usl RMS (ppm)

RMS (ppm)

