

# 6-Fit Parameter Analysis

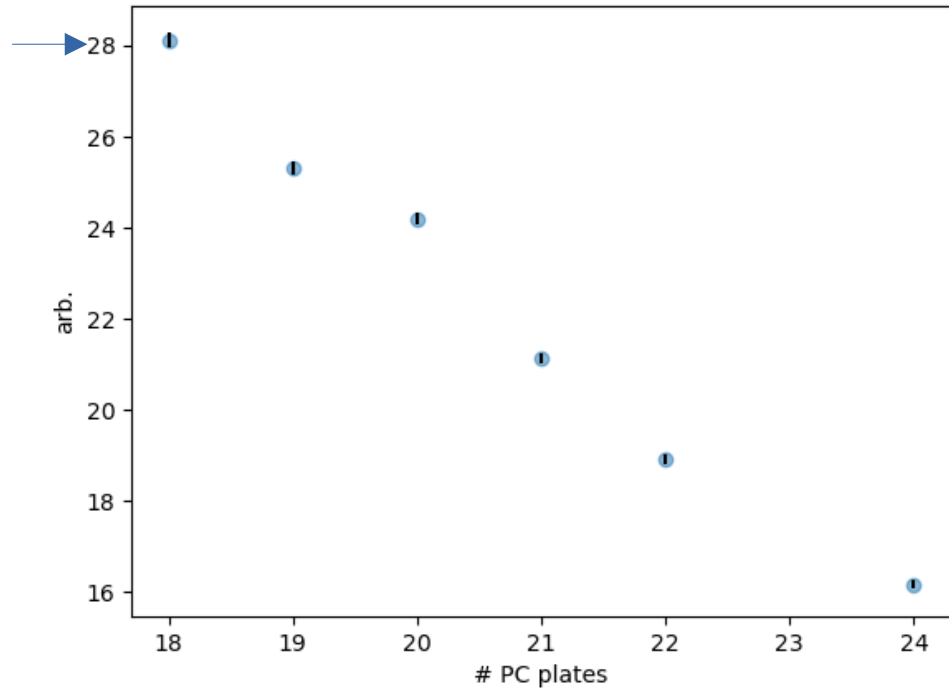
ORNL n  $\rightarrow$  n' Meeting

05/04/2023

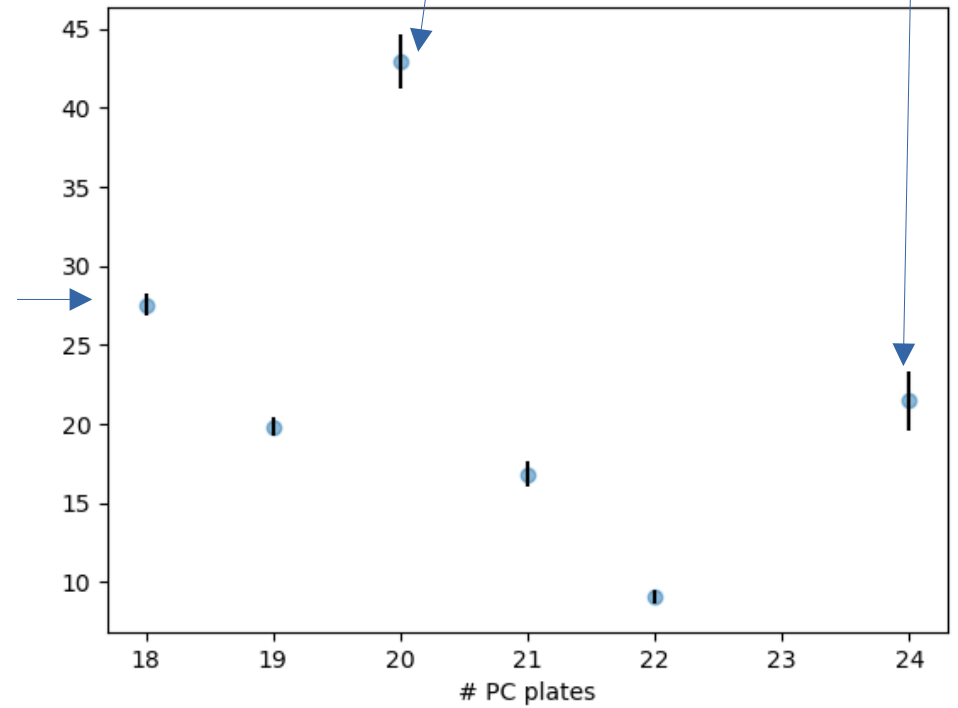
Cary Rock

# 6-Fit Parameters – $b_0$ & A

6-fit  $b_0$

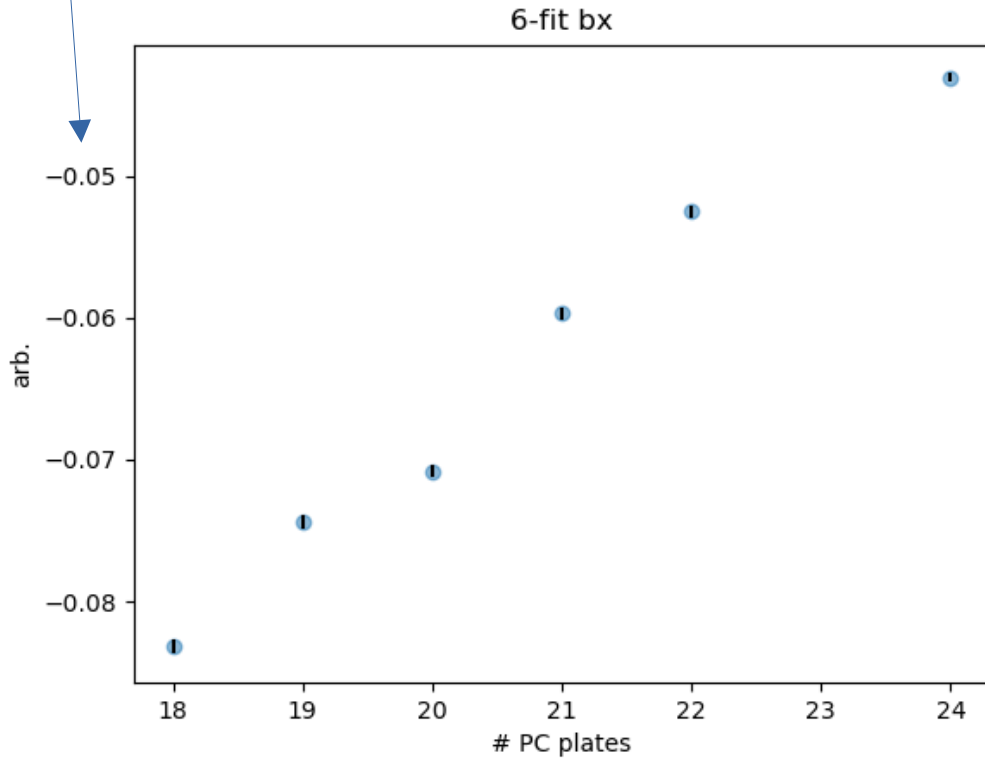


6-fit A

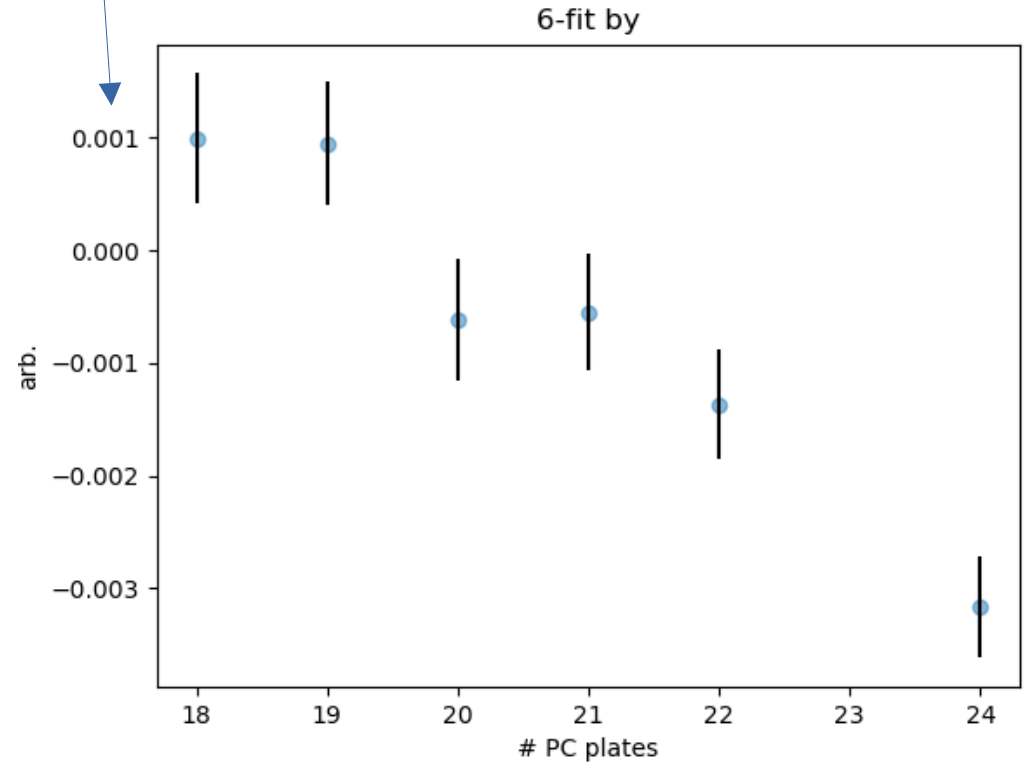


# 6-Fit Parameters – bx & by

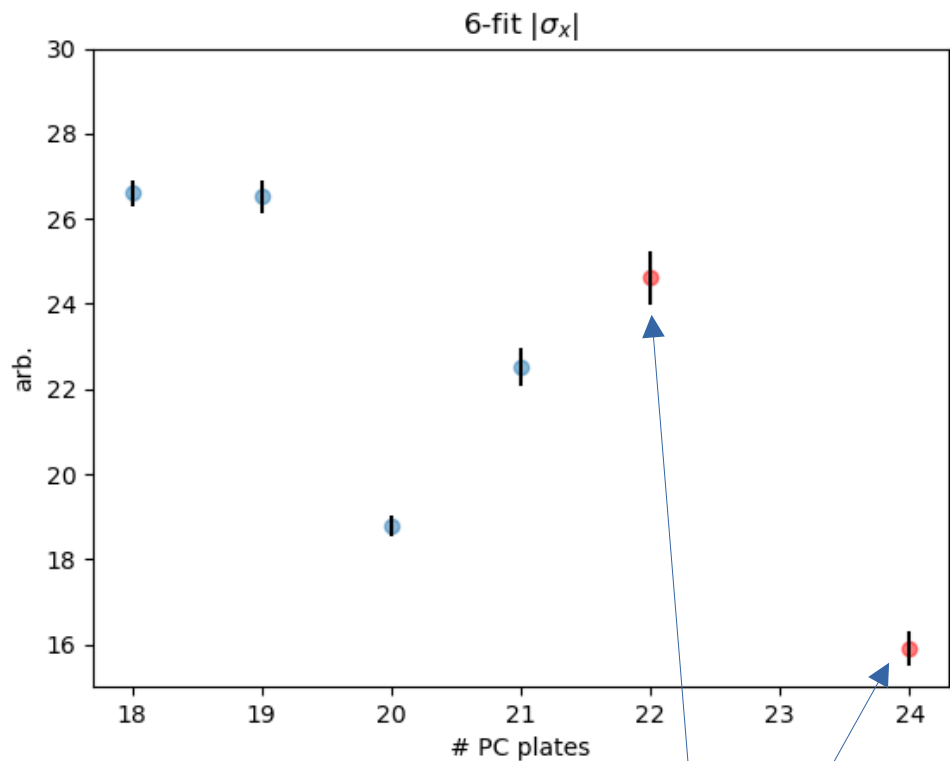
$10^{-2}$



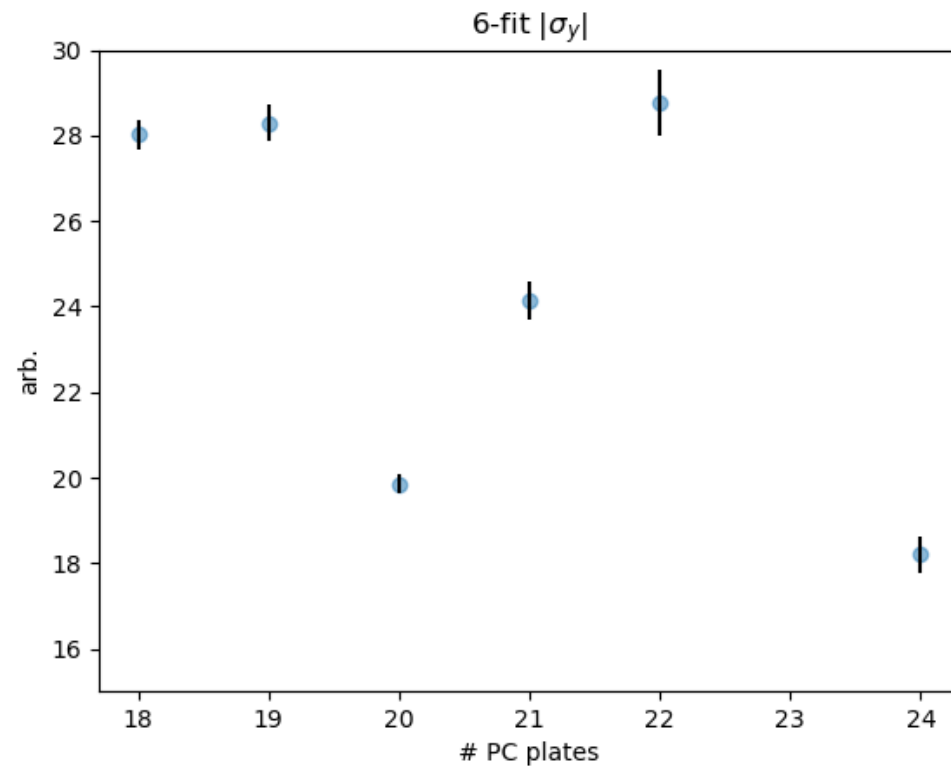
$10^{-3}$



# 6-Fit Parameters – $\sigma_x$ and $\sigma_y$

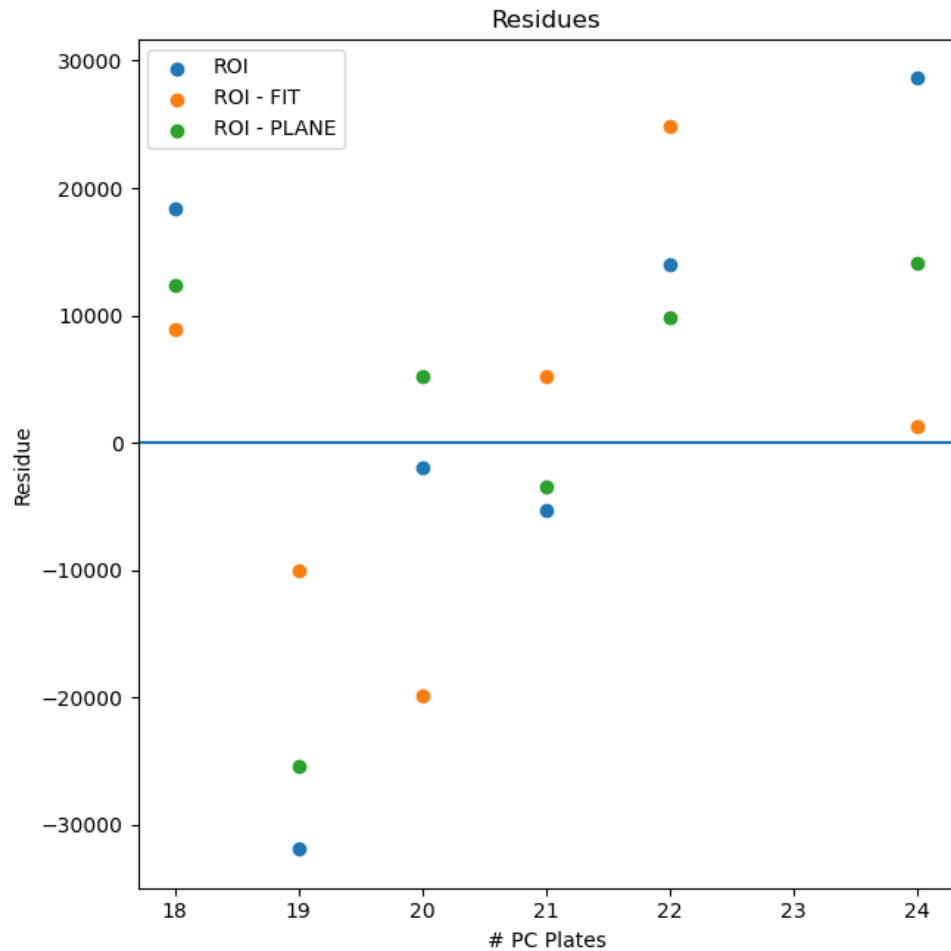
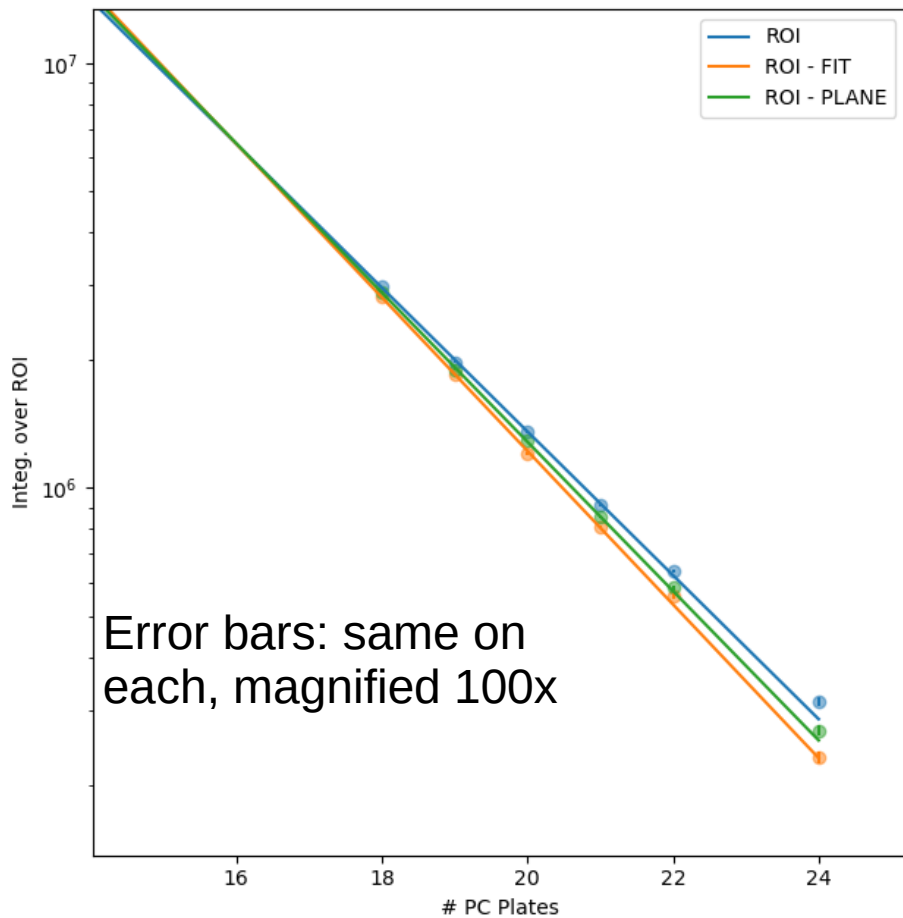


Plotted  
 $\text{abs}(\text{sig}_x)$



Future plan: plot the width of gaussians from  
simulations for comparison

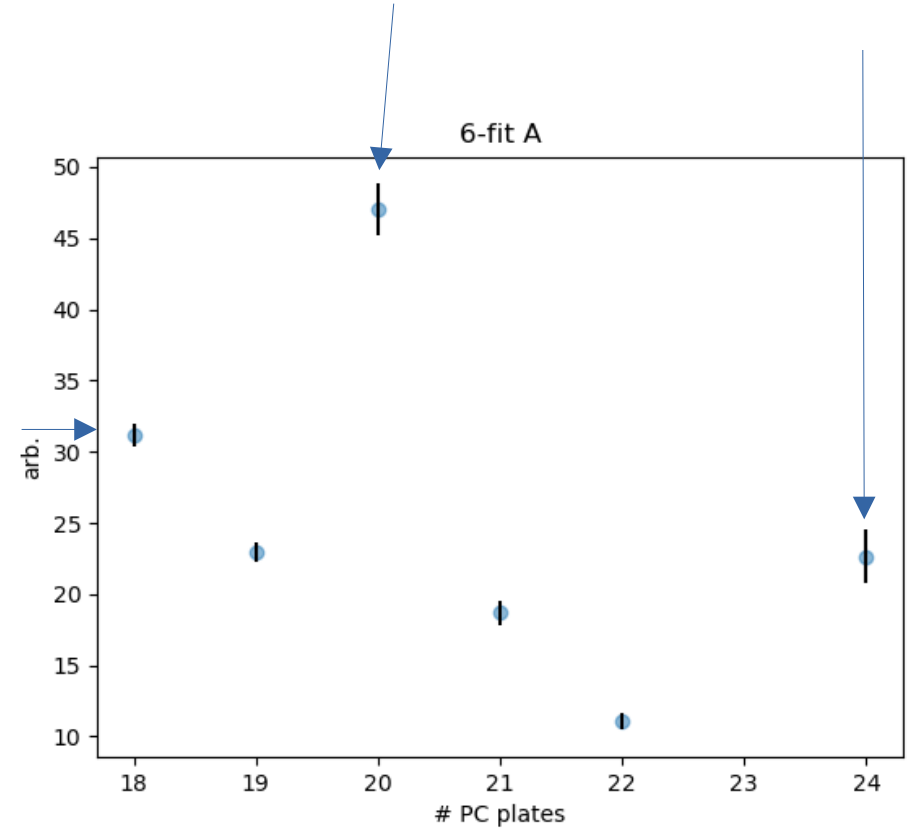
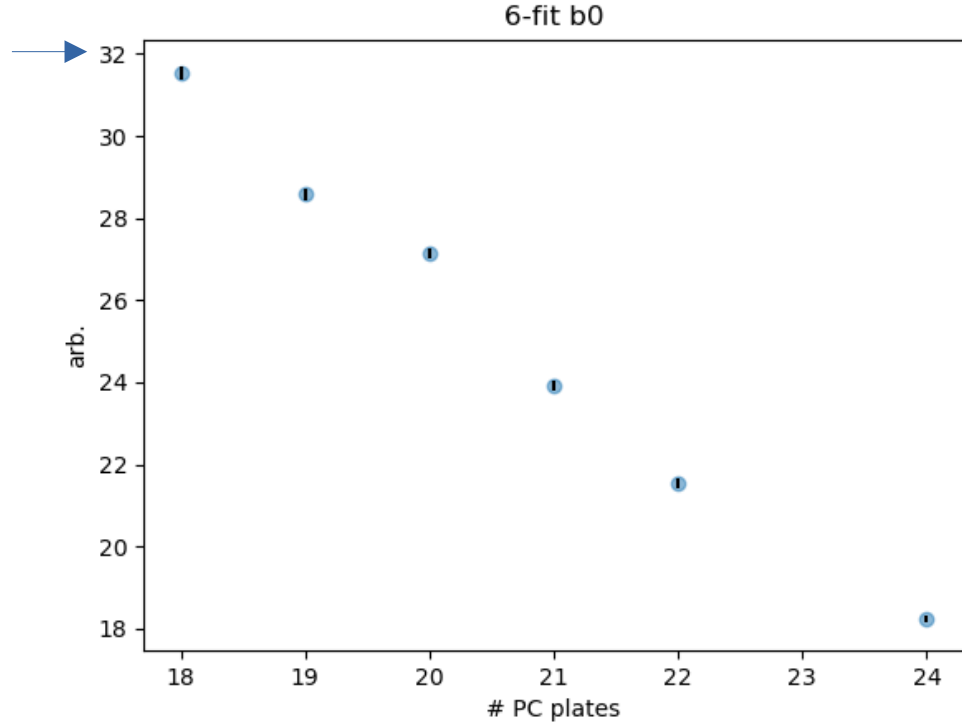
# ROI Integration Plots



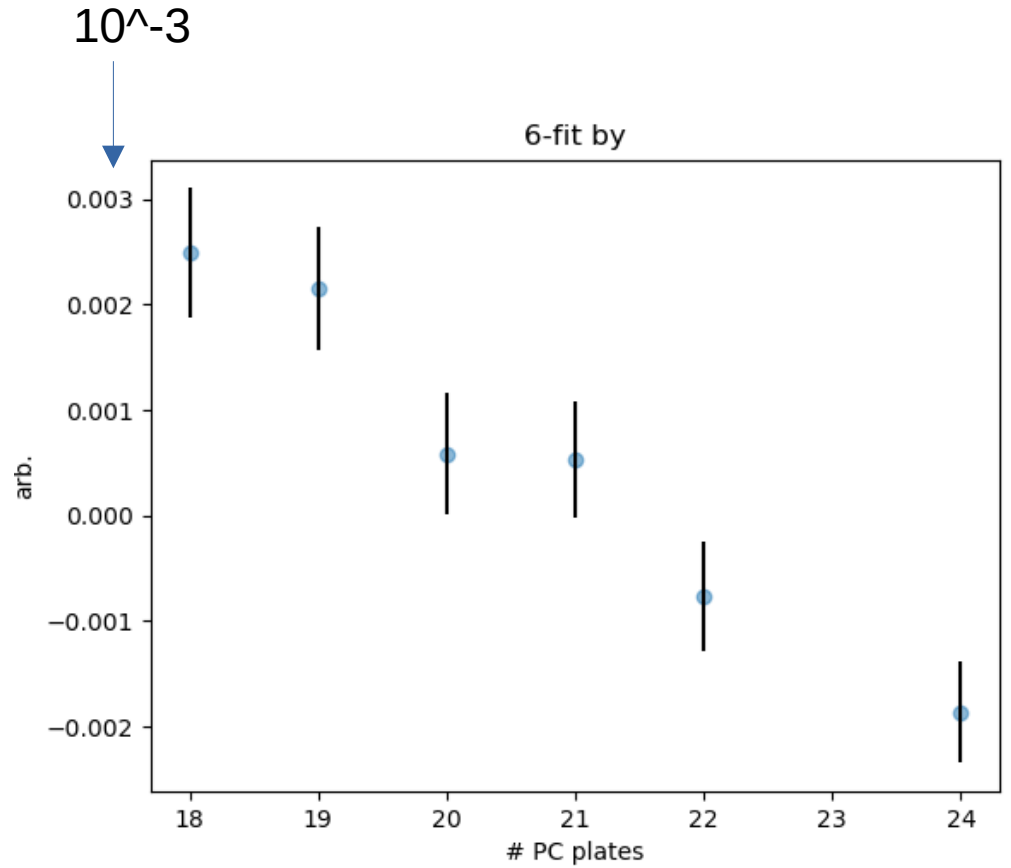
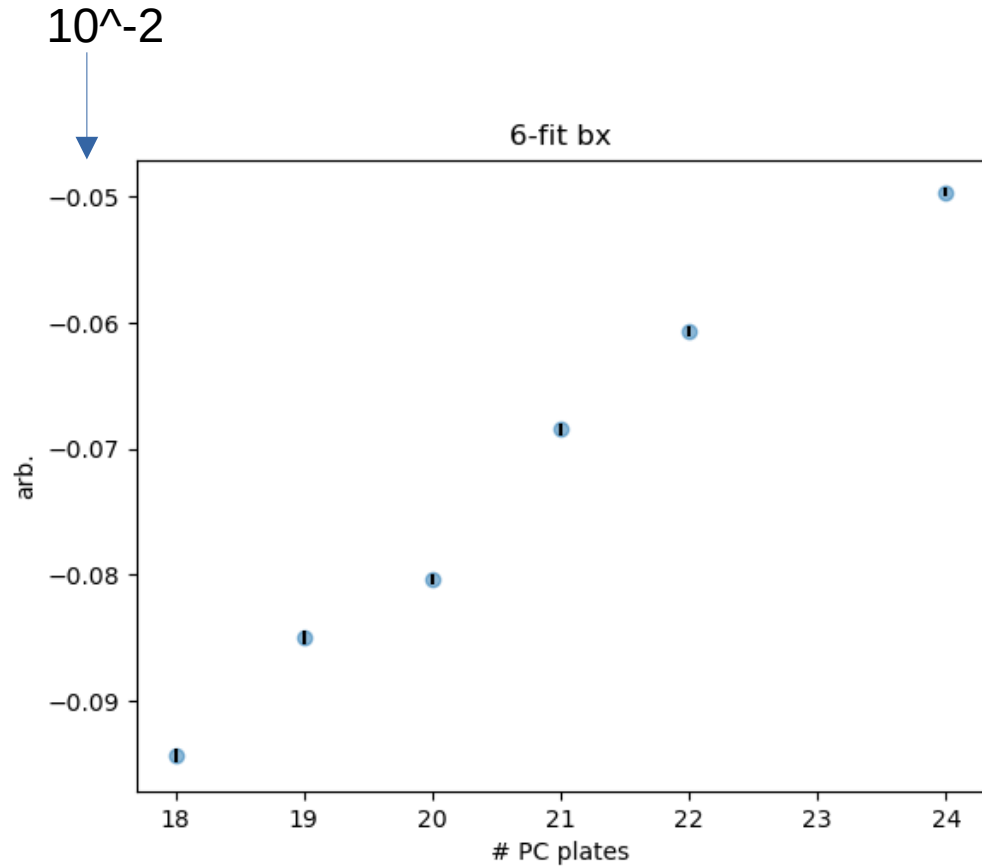
END

# Old Data - 6-Fit Parameters – b0 & A

Old data from the previous meeting

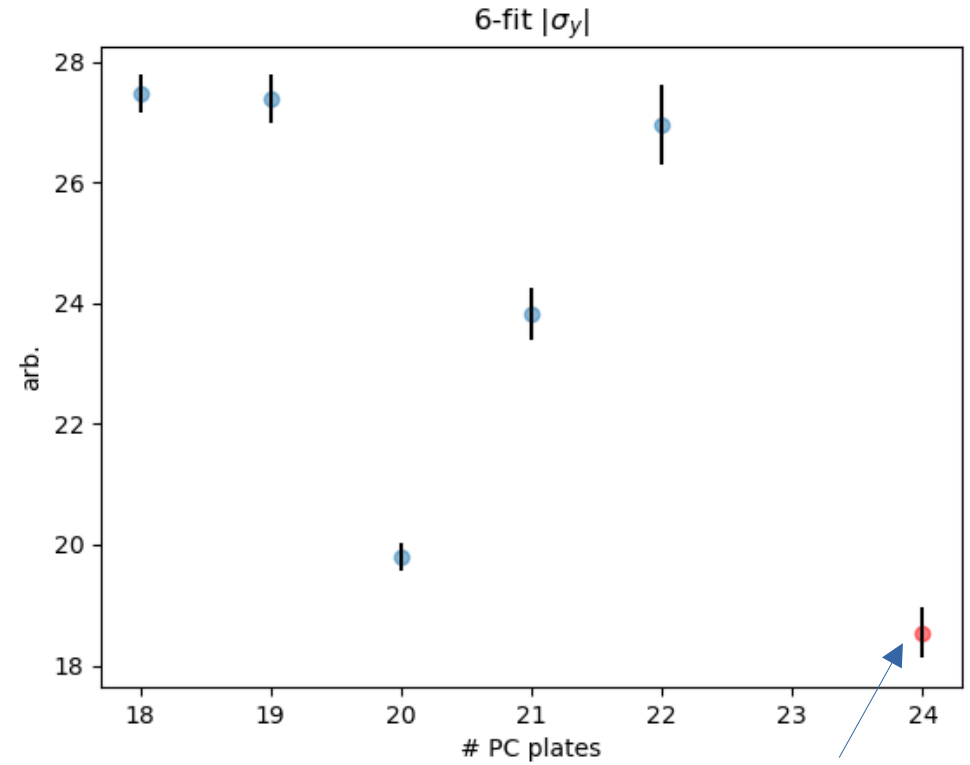
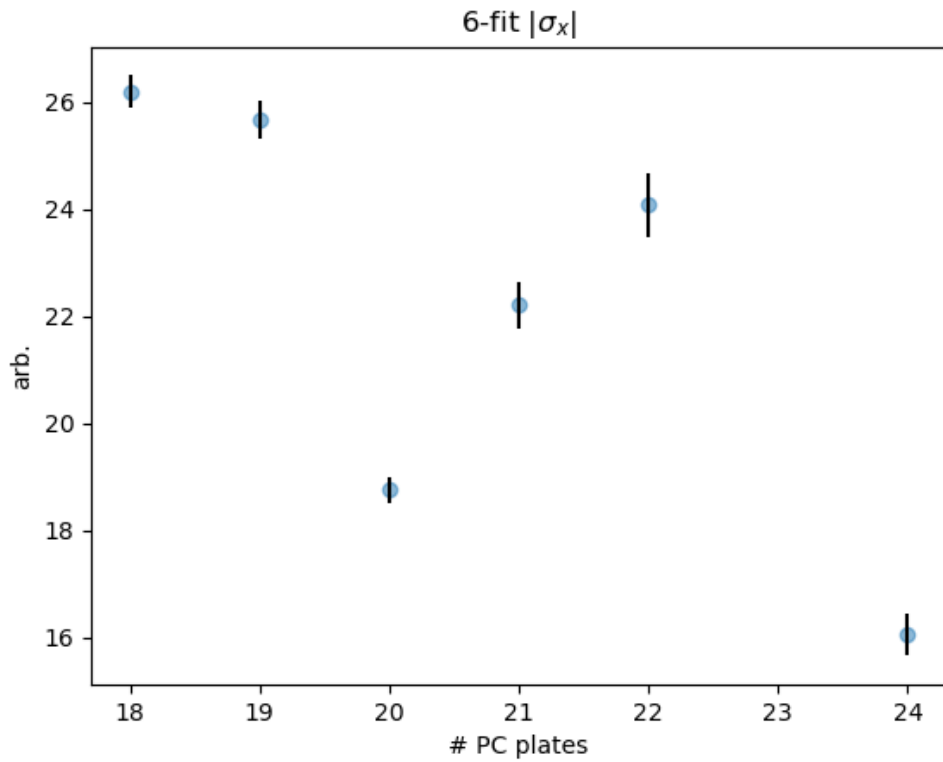


# Old Data - 6-Fit Parameters – bx & by



Include “average” size of error bars?

# Old Data - 6-Fit Parameters – $\sigma_x$ and $\sigma_y$



Plotted  
abs(sig\_y)