

Project Update

7/27/20

Progress

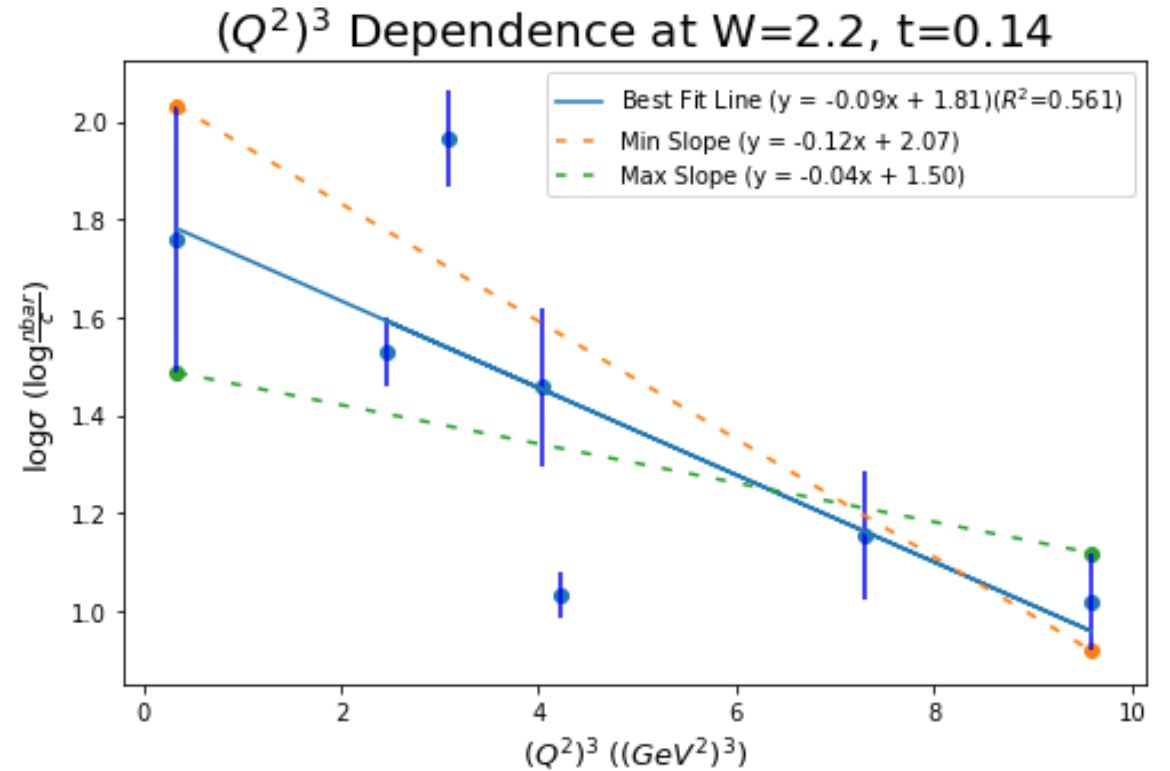
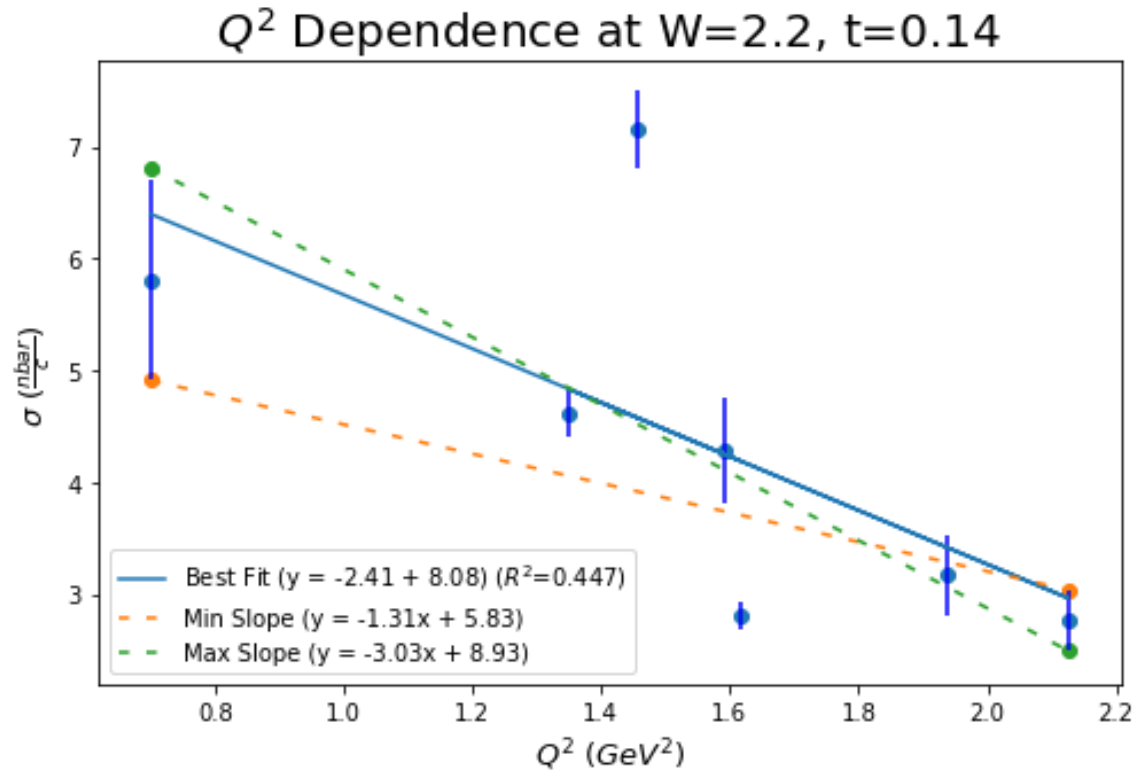
- Last Week

- More practice with Python
 - Practiced what Richard taught on Thursday
- Continued research/reading
- Continued pion data fitting
- Tried comparing kaon and pion fittings

- This Week

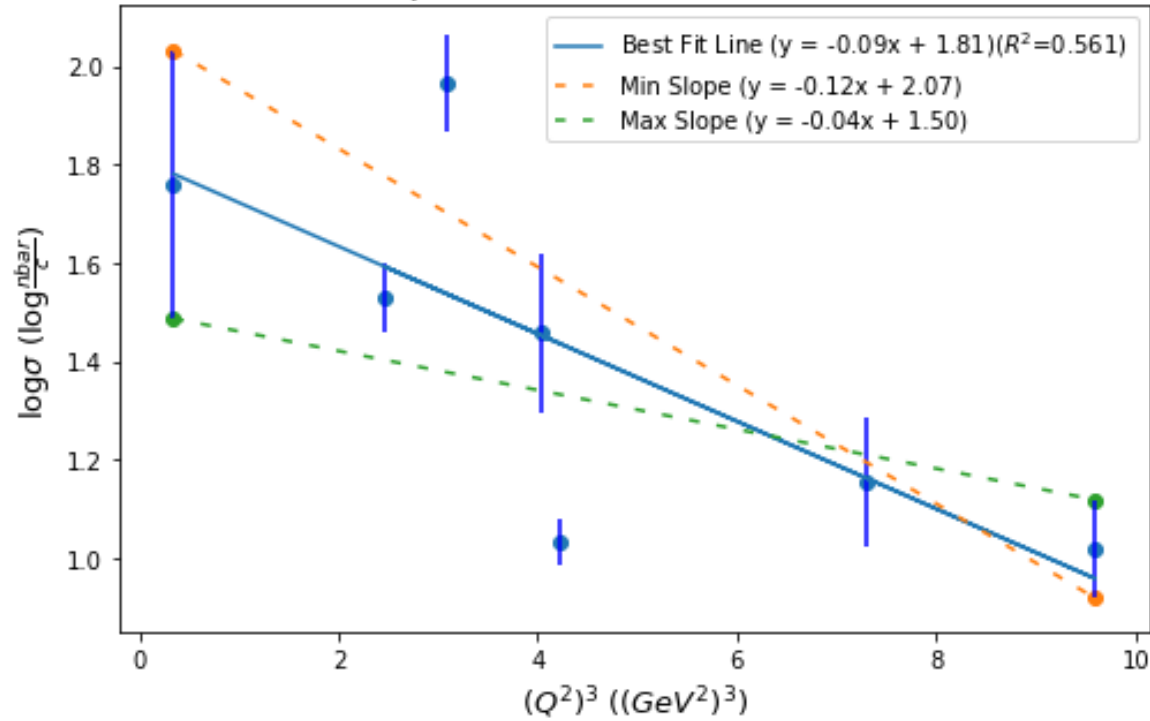
- Continue trying different fits to find the best one
- Fit kaon data and compare with pion data

Pion Data (Q^2 at $W=2.2$, $t=0.14$)

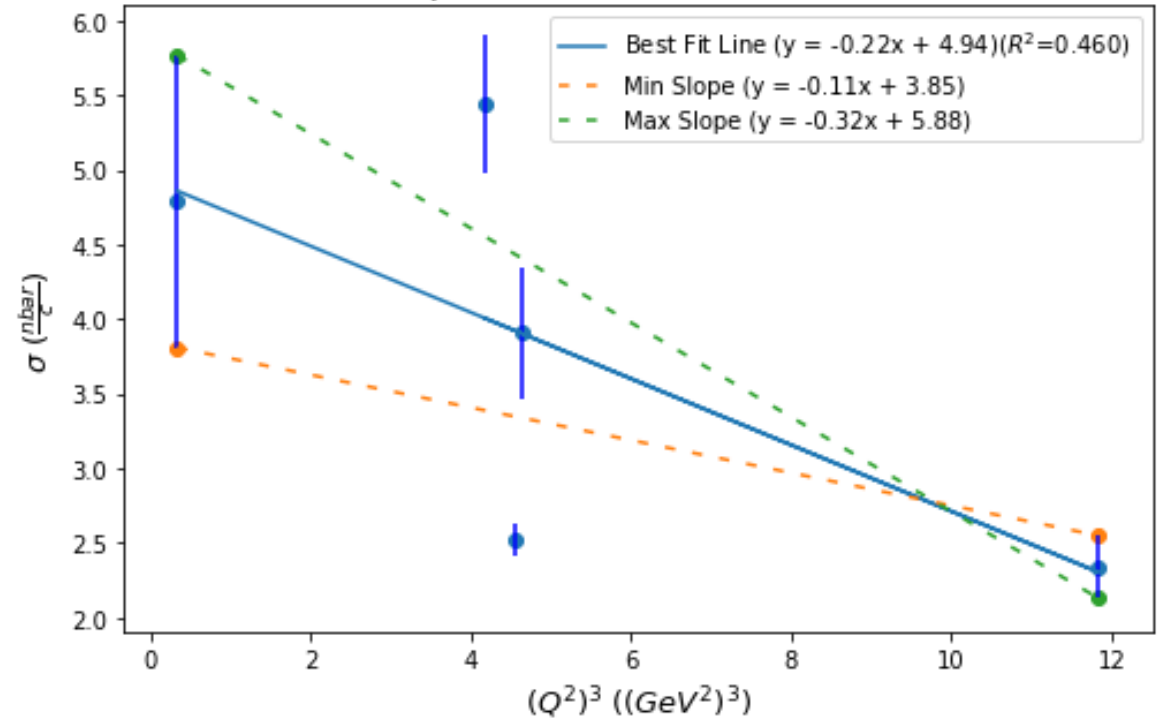


Comparing Pion Data Sets

$(Q^2)^3$ Dependence at $W=2.2, t=0.14$

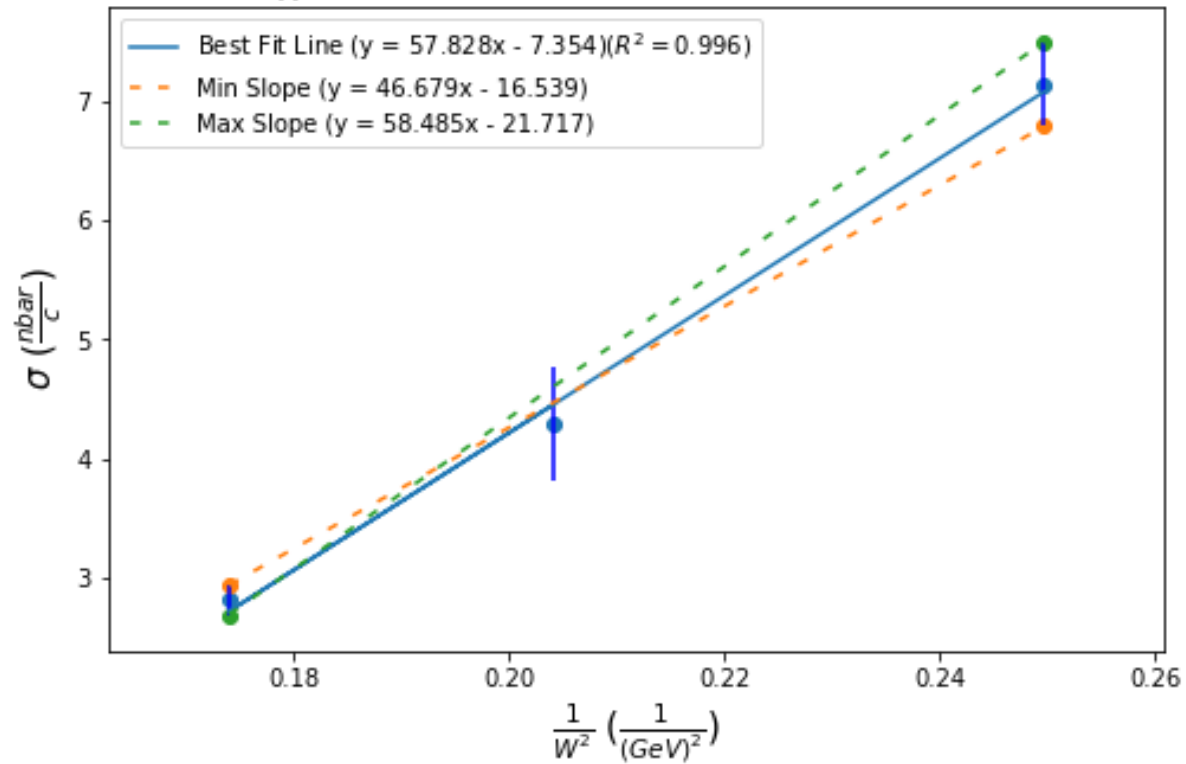


$(Q^2)^3$ Dependence at $W=2.2, t=0.2$



Pion vs Kaon

Pion $\frac{1}{W^2}$ Dependence at $Q^2 = 1.6$, $t=0.14$



Kaon $\frac{1}{W^2}$ Dependence at $Q^2=1.9$, $t=t_{\text{min}}\sim 0.4/0.5$

