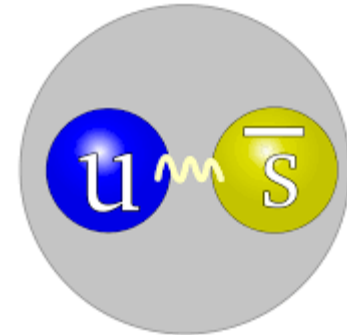
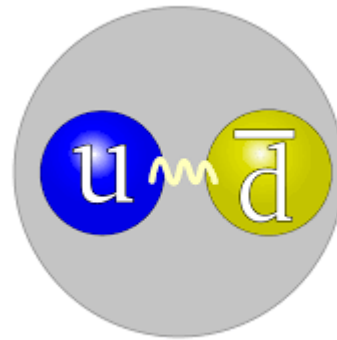


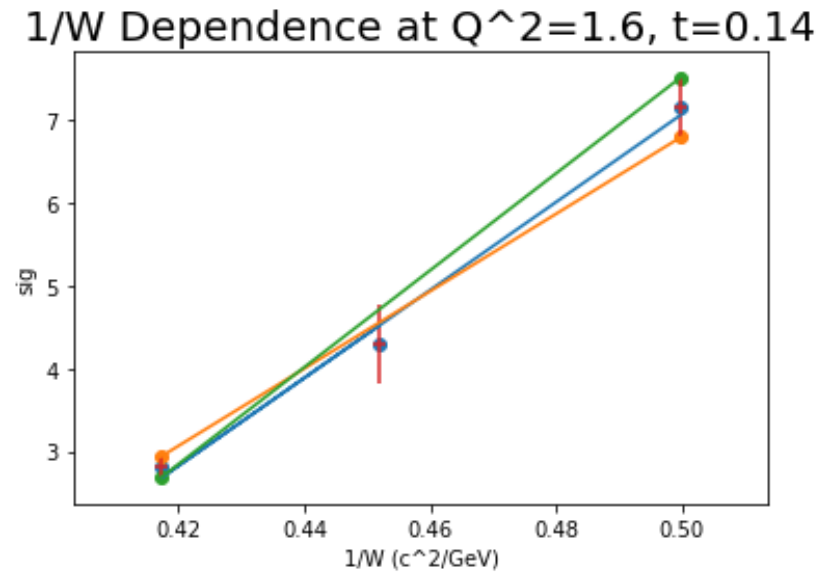
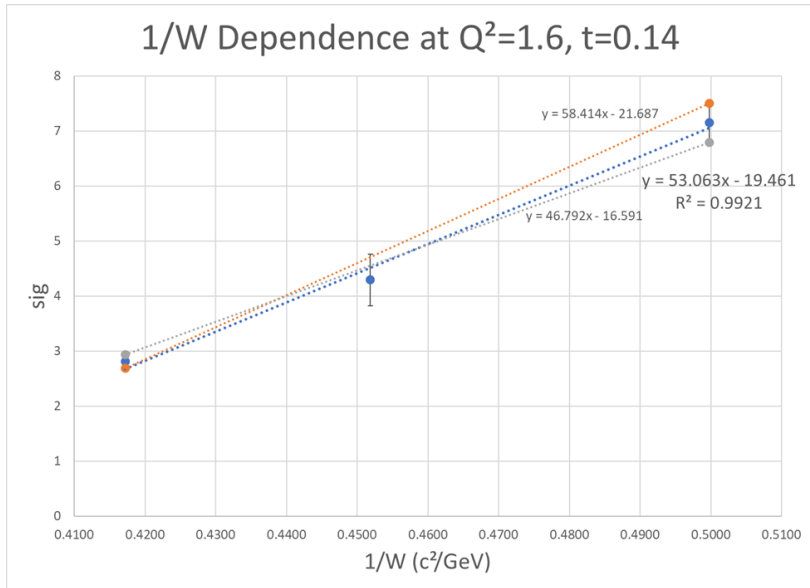
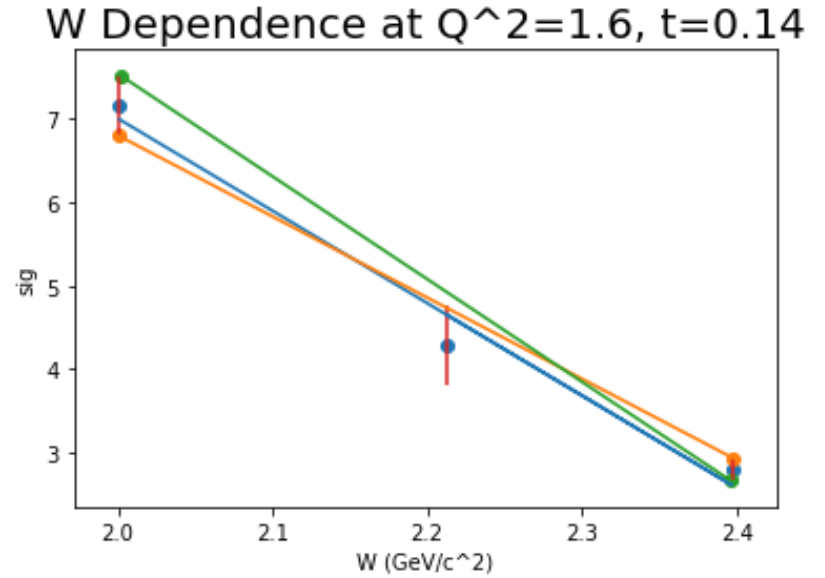
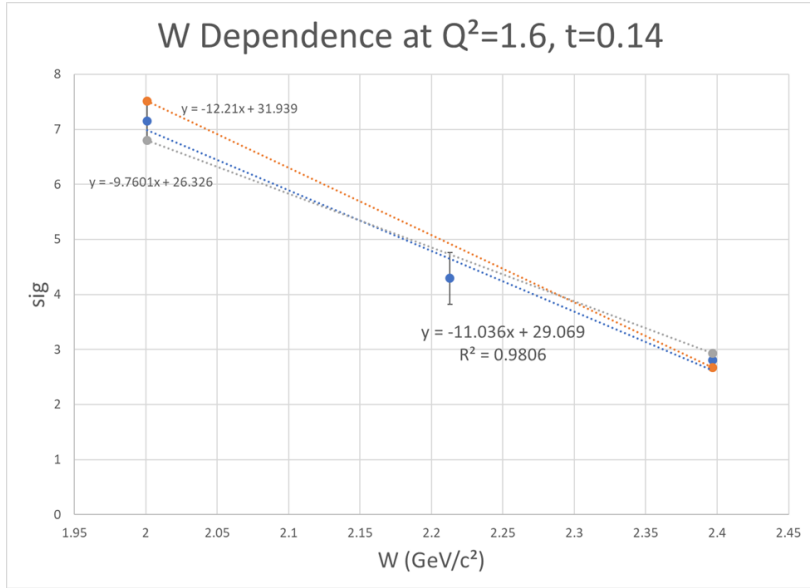
# Monday Meeting

7/13/20

# Project Overview

- Global fitting of pion and kaon data using Python
- Find a suitable fit form for each set of data
  - What kind of relationship?
  - How good is the fit?





# Plans for the week of 7/13

- Continue research
- Continue plotting and fitting the pion data

```
* Q2   W     t     tmin   x     sig   dsig
-----
* Fit W dependence at Q^2=1.6, t=0.14
*1.455 2.001 0.135  0.132 0.318 7.152 0.356
*1.617 2.397 0.139  0.070 0.250 2.807 0.124
*1.593 2.213 0.139  0.094 0.284 4.292 0.473
-----
* Fit Q^2 dependence at W=2.2 and t=0.14
*0.70  2.19  0.14  0.024 0.152 5.81  0.9
*1.939 2.274 0.145 0.116 0.311 3.175 0.361
*2.125 2.308 0.145 0.126 0.323 2.768 0.272
*1.35  2.19  0.14  0.14  0.256 4.62  0.21
*1.455 2.001 0.135 0.132 0.318 7.152 0.356
*1.593 2.213 0.139 0.094 0.284 4.292 0.473
*1.617 2.397 0.139 0.070 0.250 2.807 0.124
* Fit Q^2 dependence at W=2.2 and t=0.2
*0.70  2.19  0.18  0.024 0.152 4.79  0.98
*1.667 2.187 0.166 0.105 0.299 3.91  0.44
*2.279 2.264 0.202 0.147 0.439 2.34  0.21
*1.658 2.385 0.166 0.075 0.256 2.521 0.110
*1.610 1.944 0.195 0.156 0.357 5.443 0.468
* Fit Q^2 dependence at W=2.2 and t=0.5
*3.766 2.243 0.450 0.339 0.476 0.721 0.060
*3.44  4.0   0.527 0.037 0.20  0.0183 0.007
```