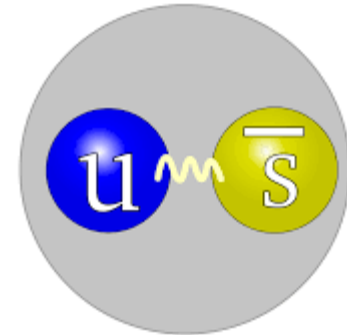
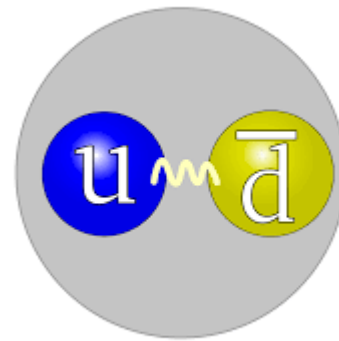


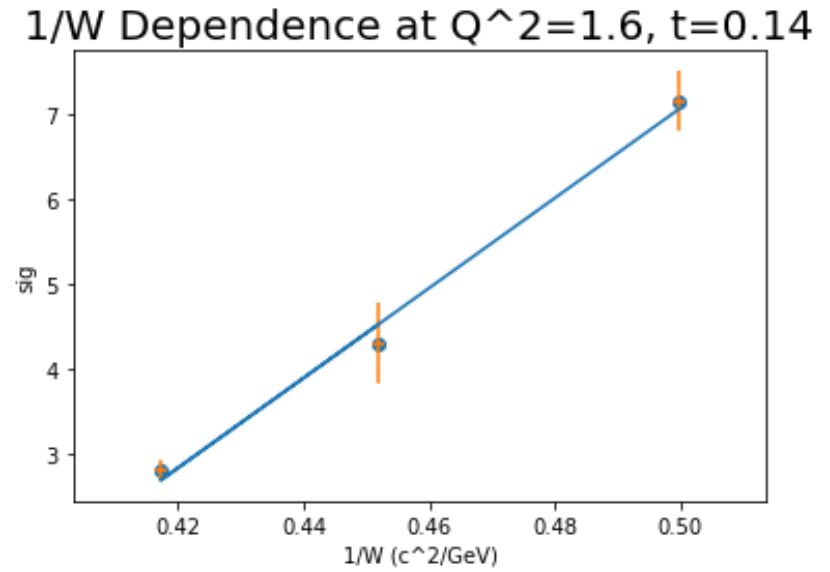
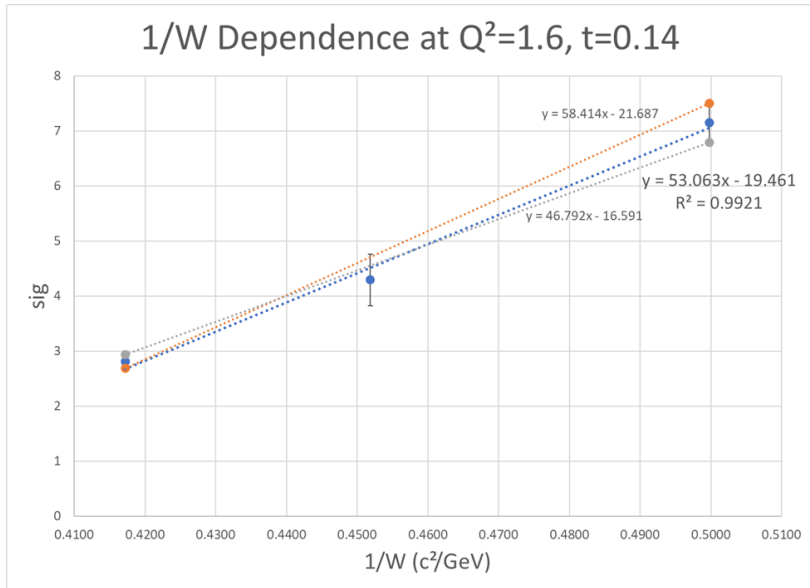
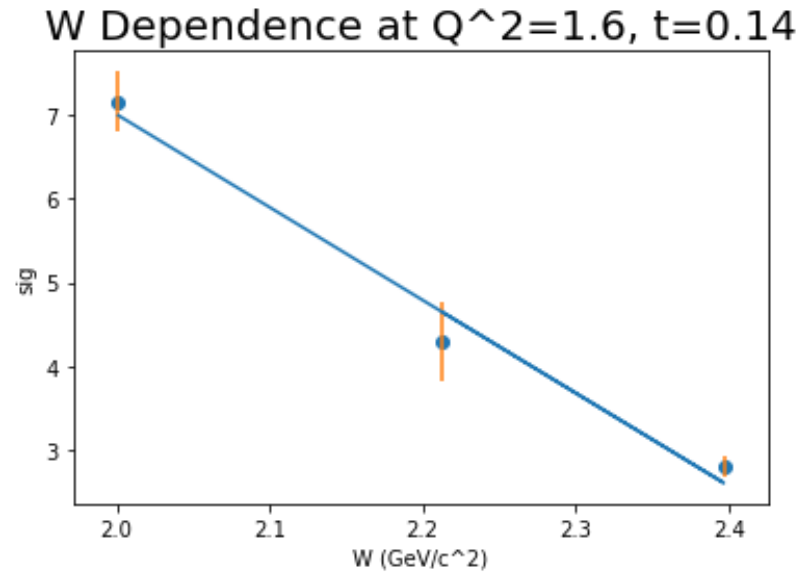
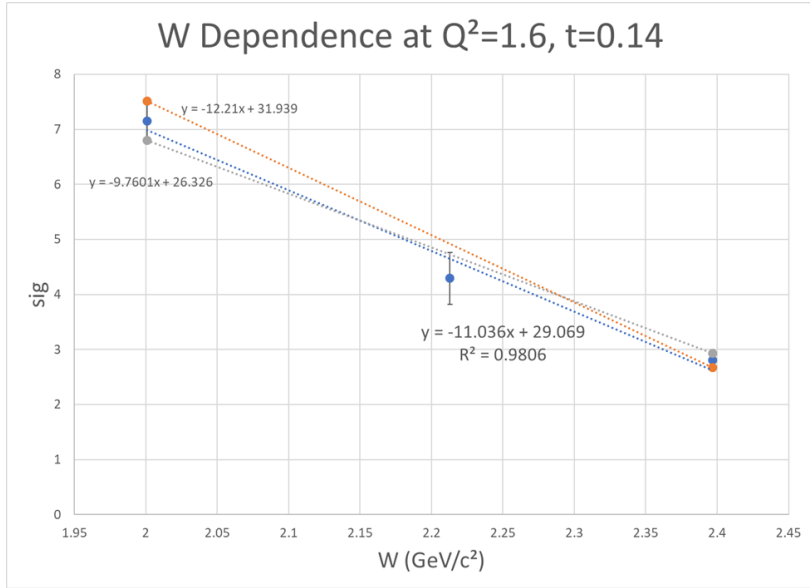
Monday Meeting

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
```