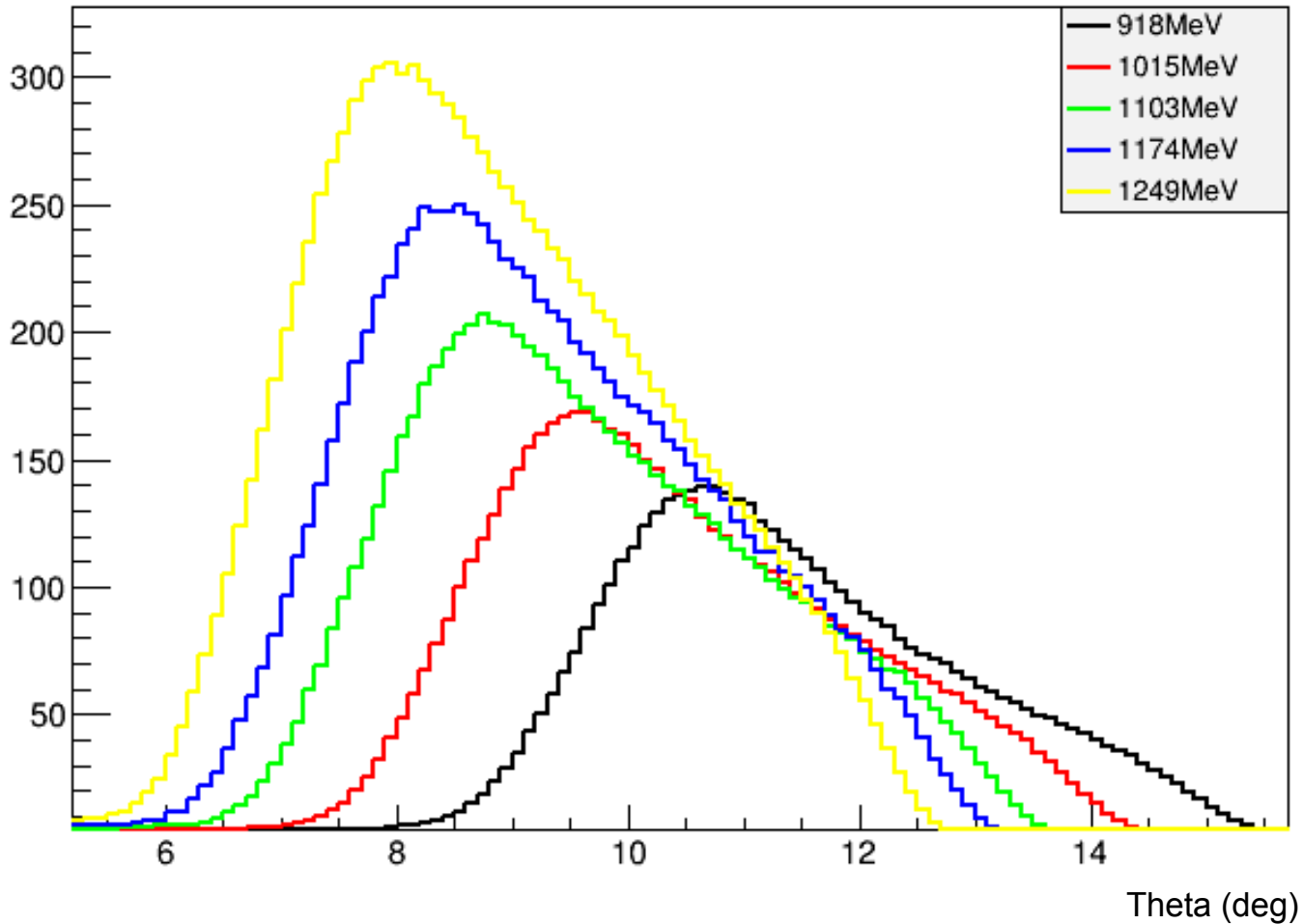
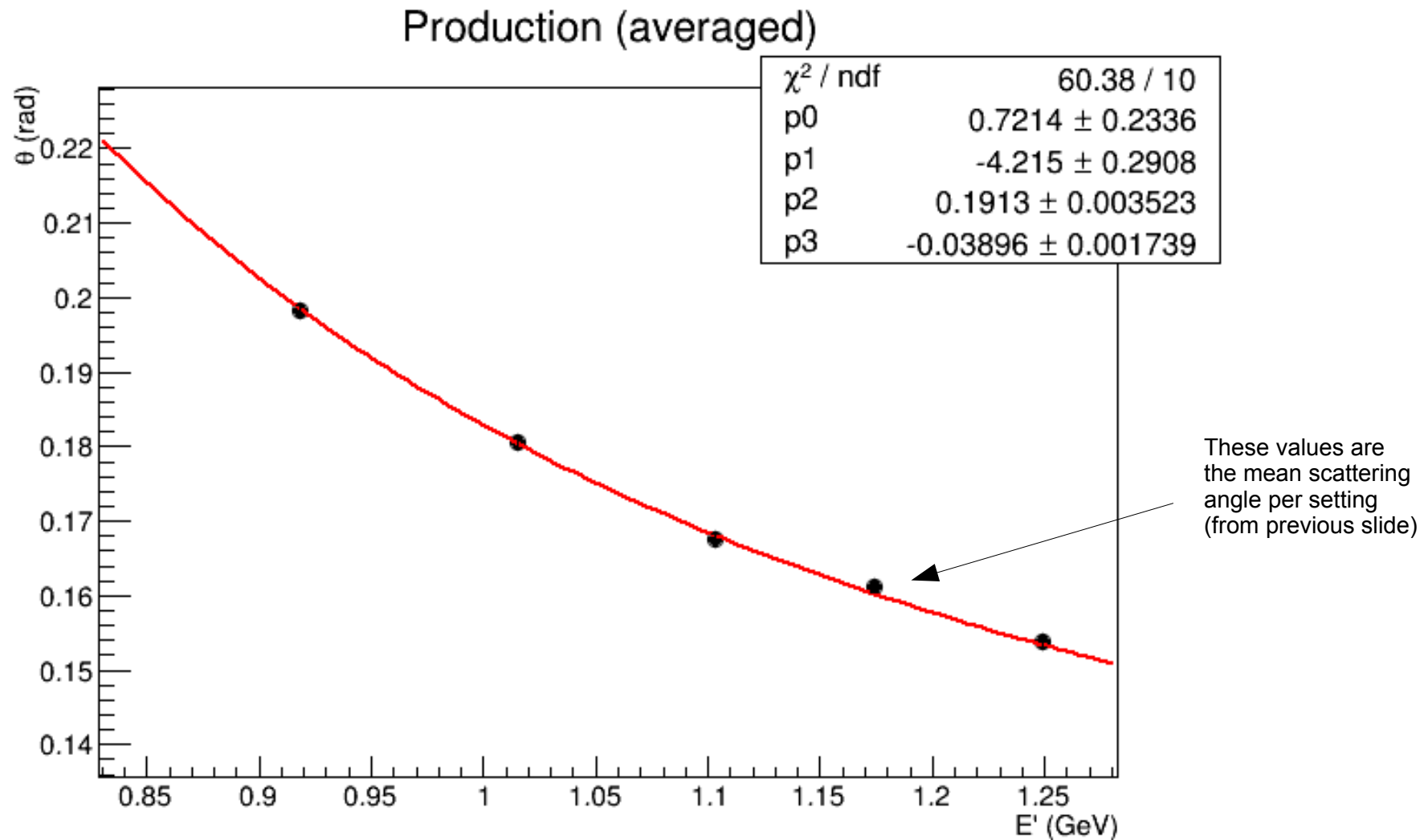


# Original Method



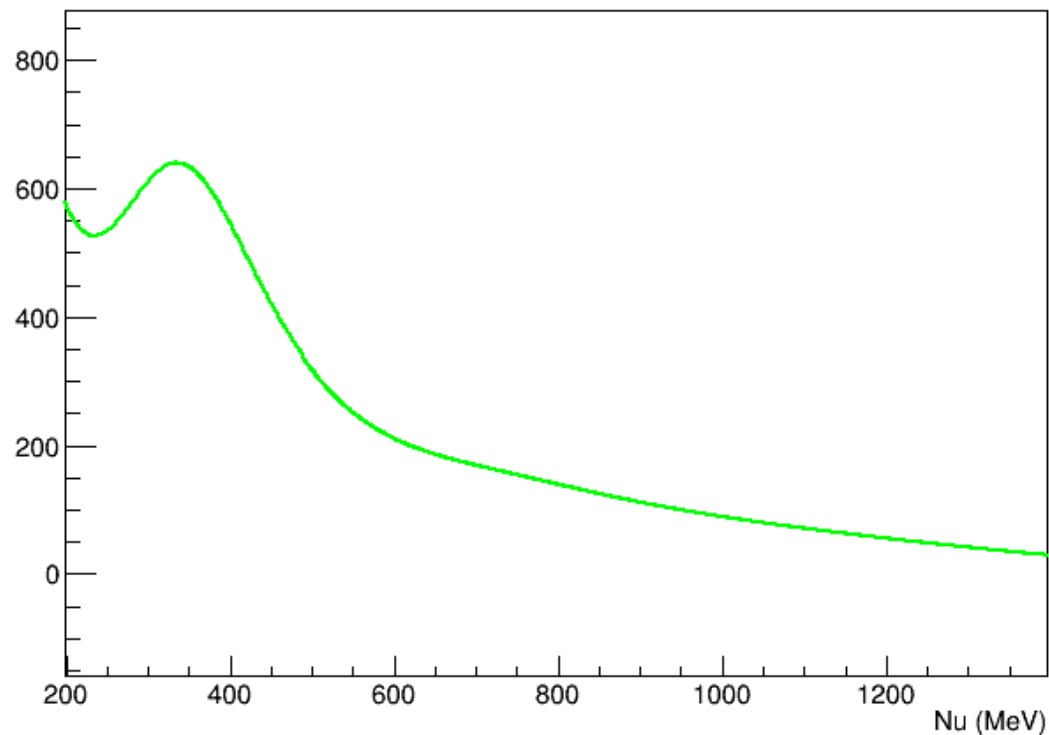
# Original Method



# Original Method

Using fitting parameters I calculate a scattering angle at each Nu value and find a continuous cross section model.

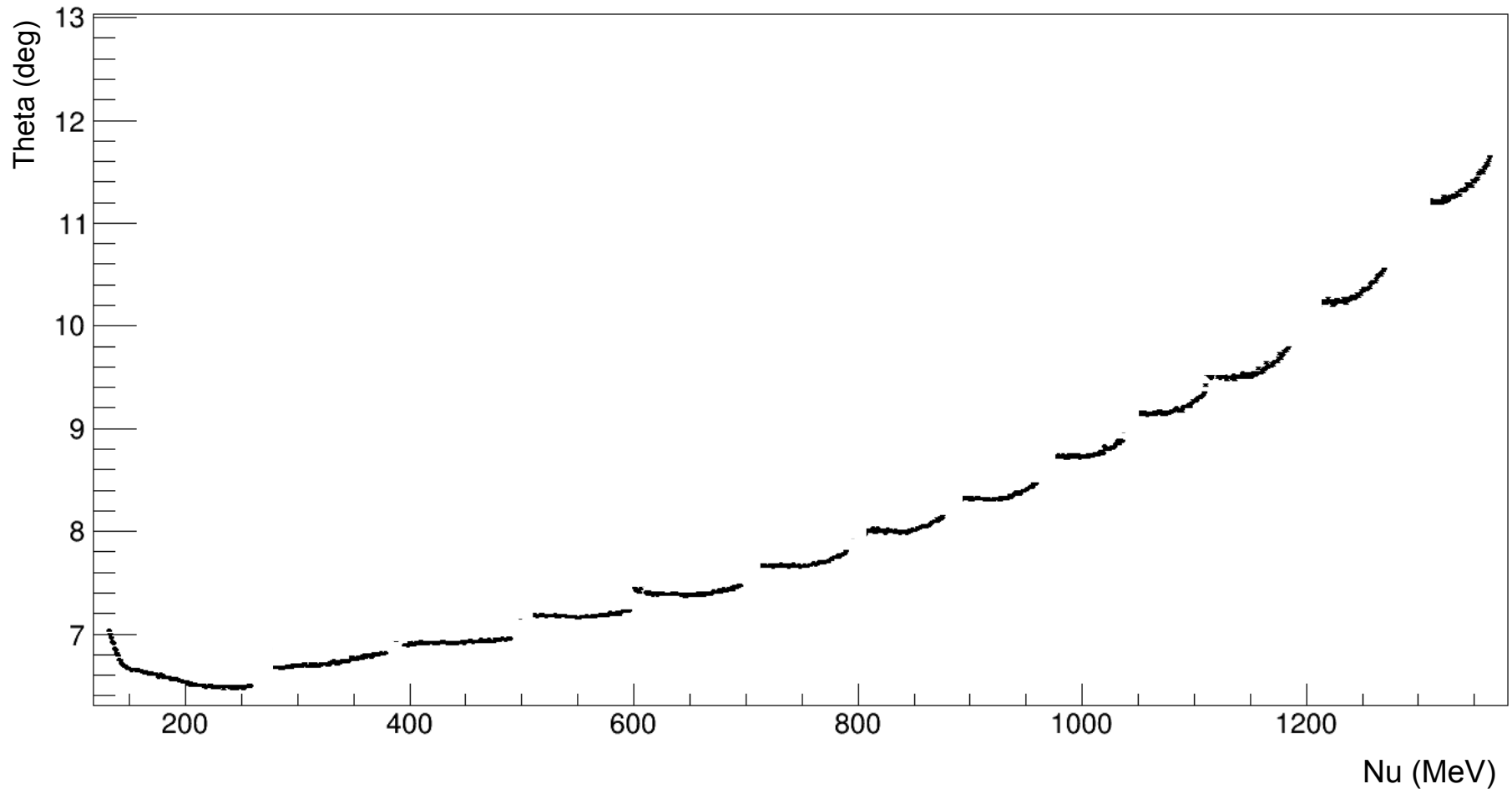
P.Bosted radiated XS model



Issue: Data is not continuous!!

# Alternative?

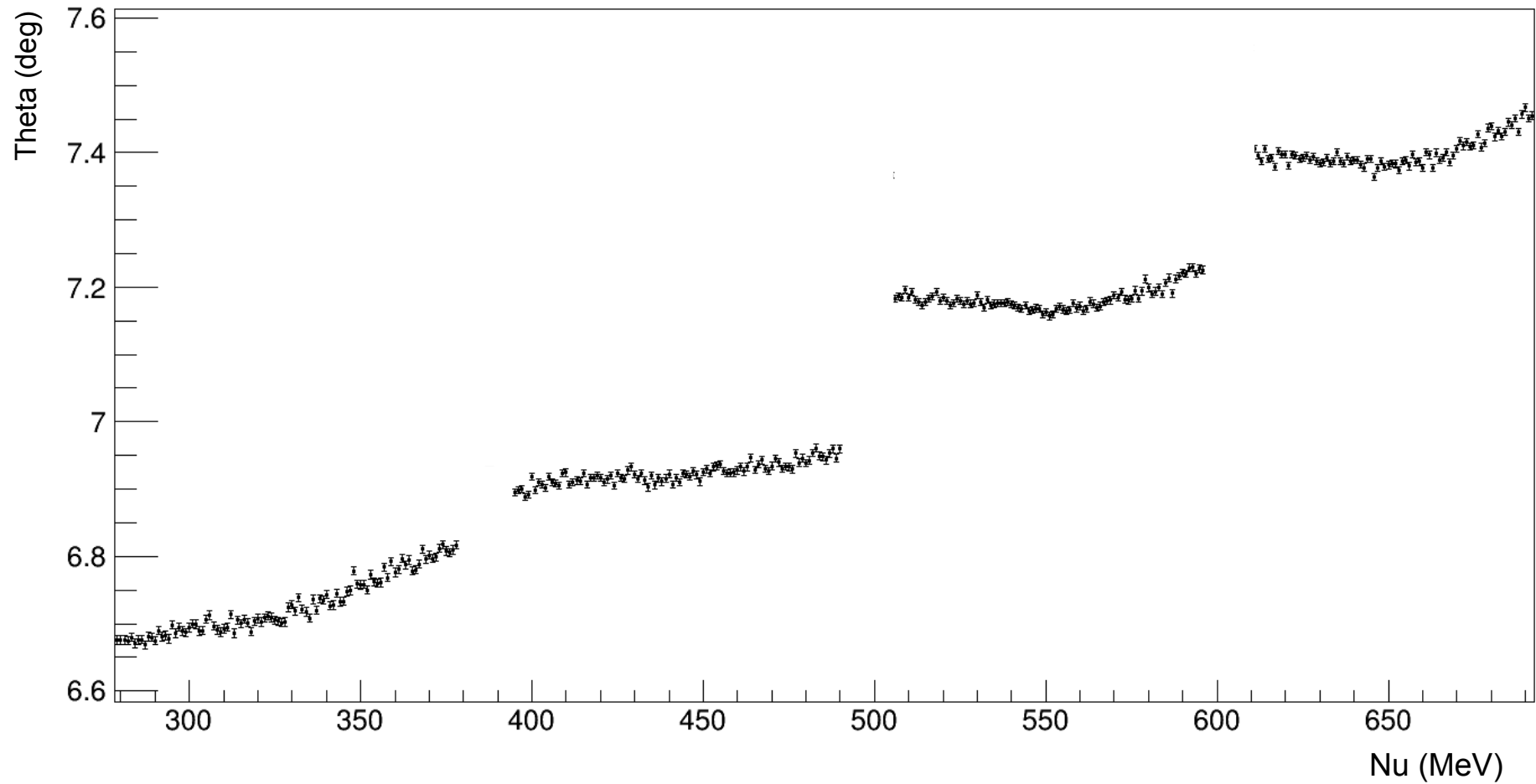
## 2.254 GeV 5T Transverse Production Data



Scattering angle is not continuous in a setting (zoomed in on next slide)

# Alternative?

2.254 GeV 5T Transverse Production Data (zoomed)



# Alternative?

Generate model at all scattering angles (currently in 0.1 degree divisions) in a momentum setting and (weighted) average all resulting models together.

As expected, this causes the model to be discontinuous over an energy setting.

- The scaled cross section still does not match up to data at every momentum setting, no idea why.
- Still a work in progress.
- Generating the model using this method is likely necessary since the continuous fit method does not represent our data (even though I think it should?)

2.254GeV 5T Transverse Normalized Yield

