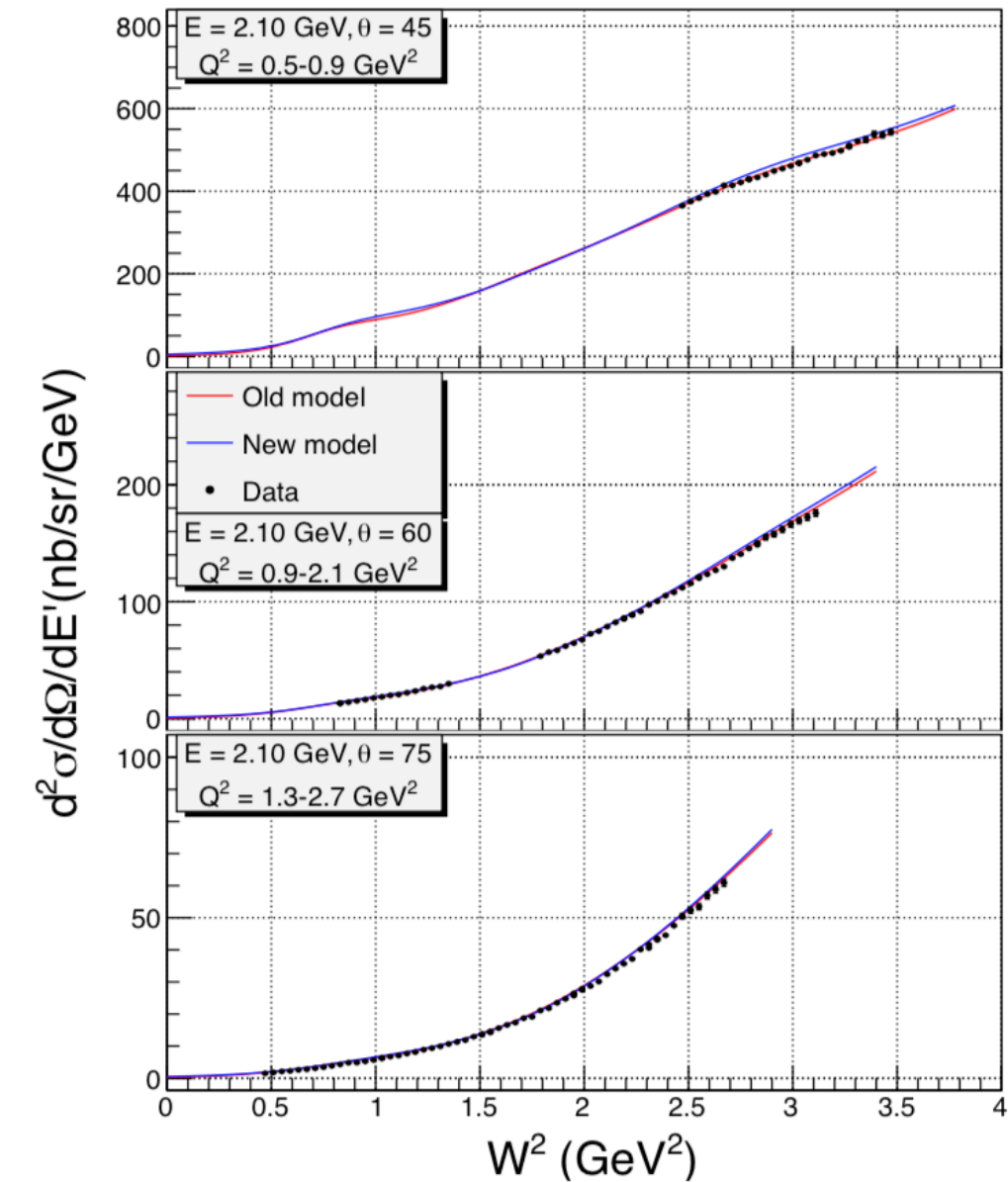


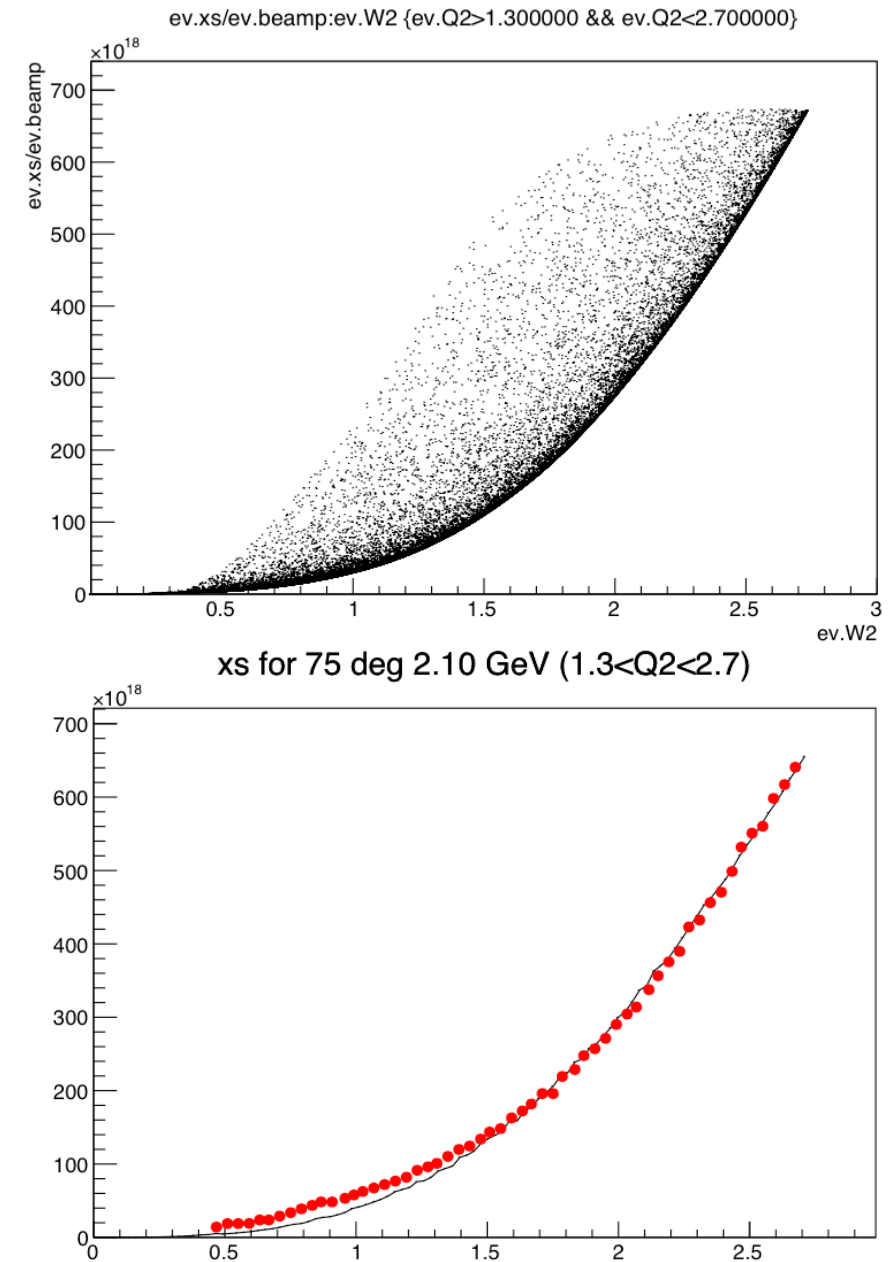
AI Simulations

Ciprian Gal UVa

Available data

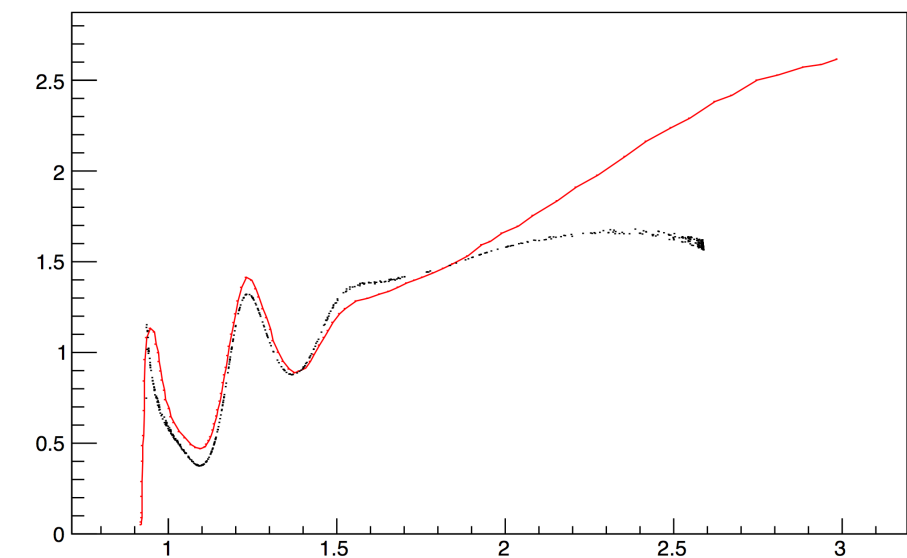
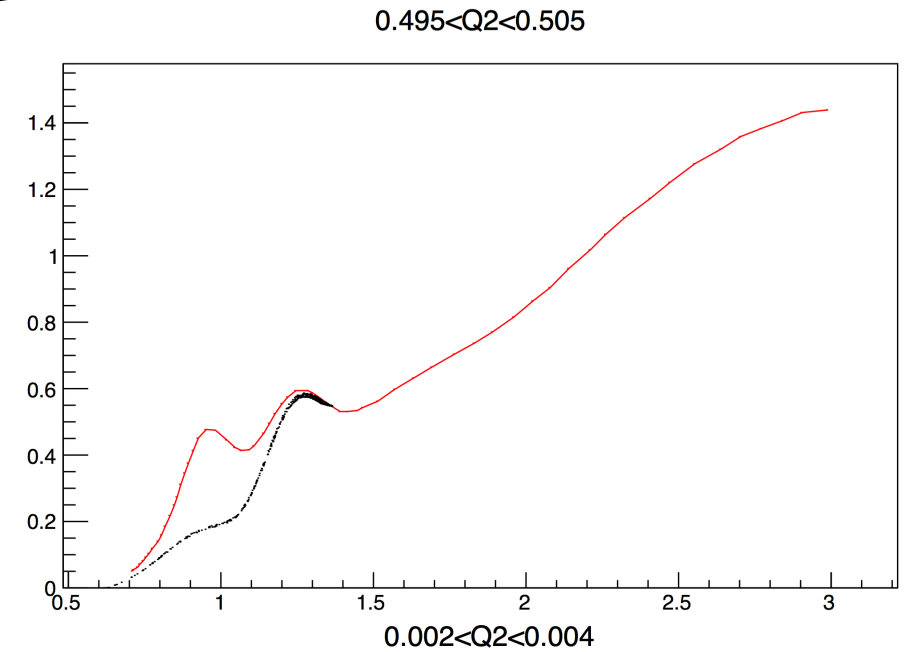
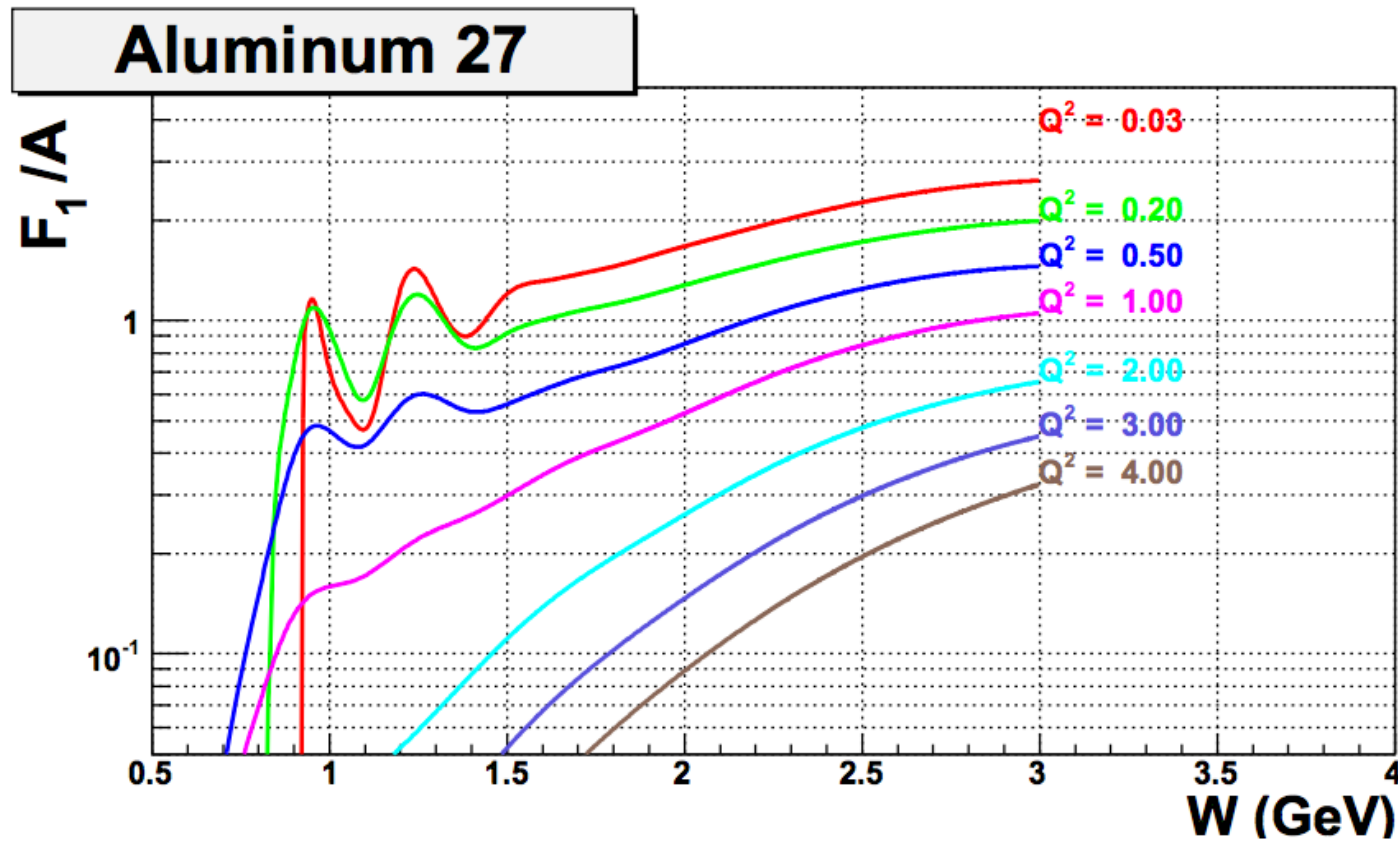


Beam E: 2.10 GeV
 theta: 75 deg
 $1.3 < Q^2 < 2.7 \text{ GeV}^2$



- Modified the remoll initial conditions to match some of the data from Mamyan in the hope to get the curves predicted on the left
- The red points are the data from the bottom left plot scaled to the cross section I get as output from remoll

F1 values



- There seems to be reasonable agreement between the simulation and the reference plot
- I would guess the discrepancies are due to the inclusion of only the inelastic contribution