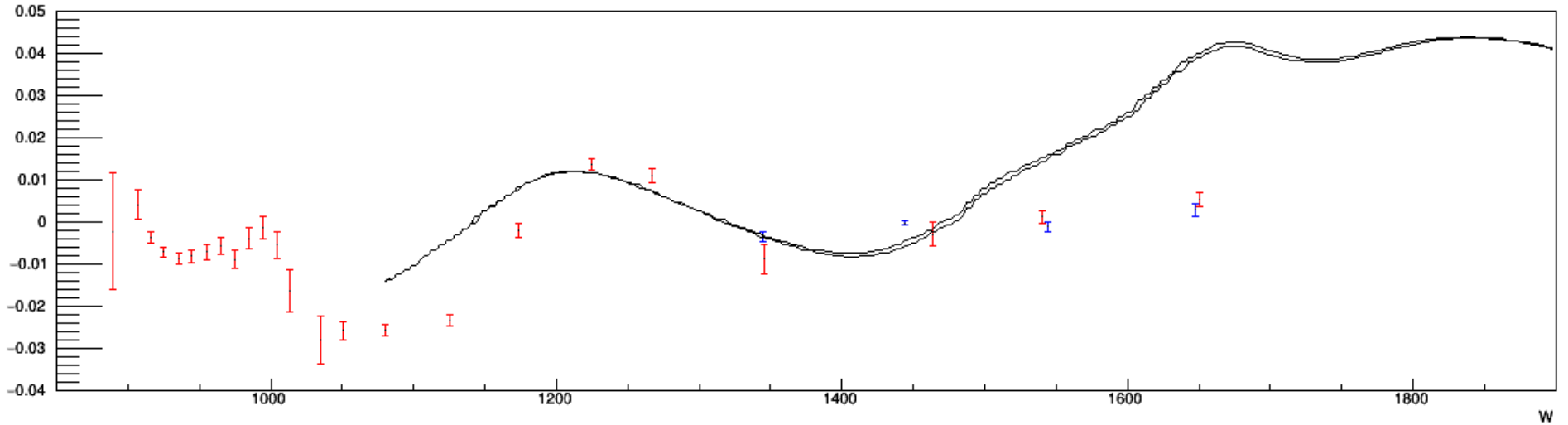


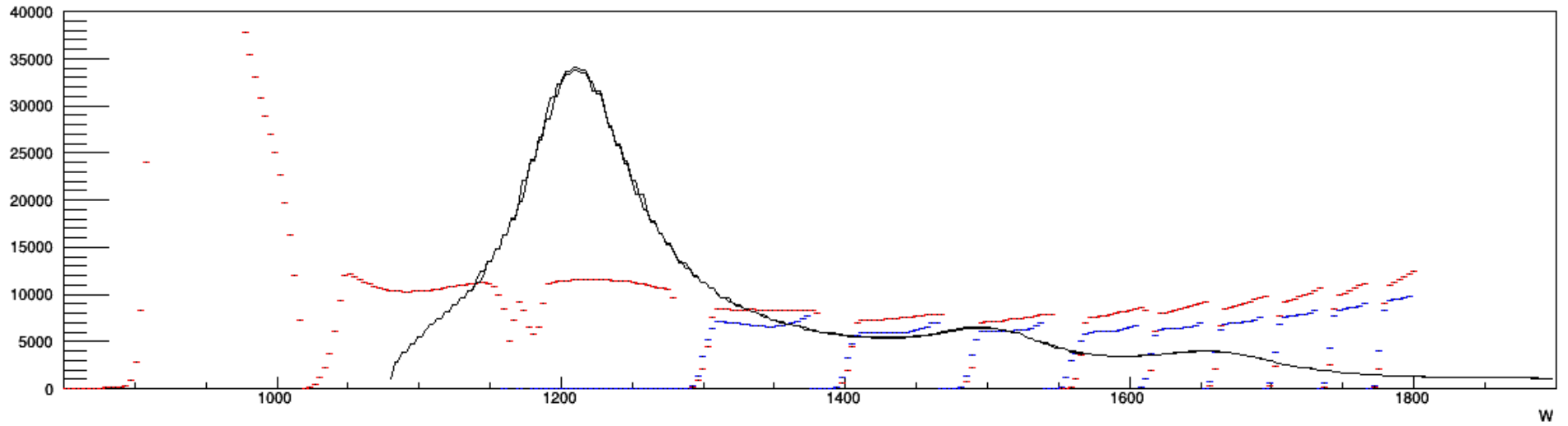
Last time

# Factor of 6 between maid and data

asymmetry

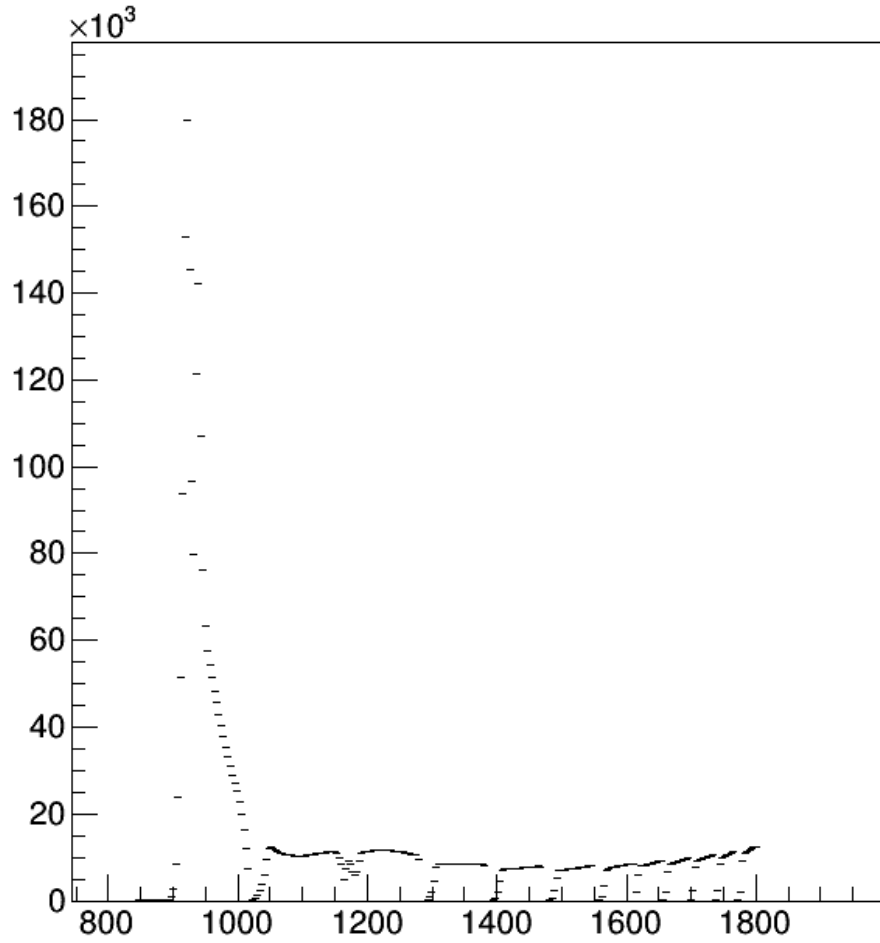


yield

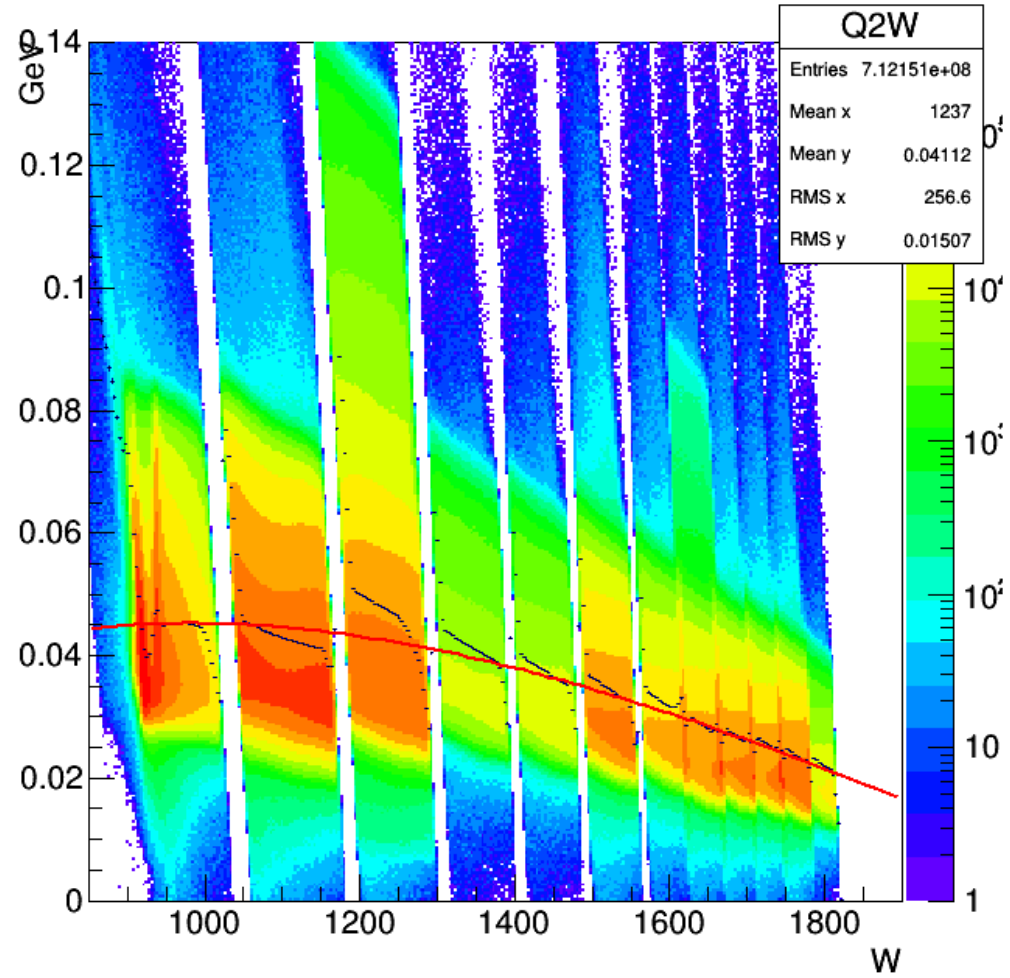


# Longitudinal

## Yield

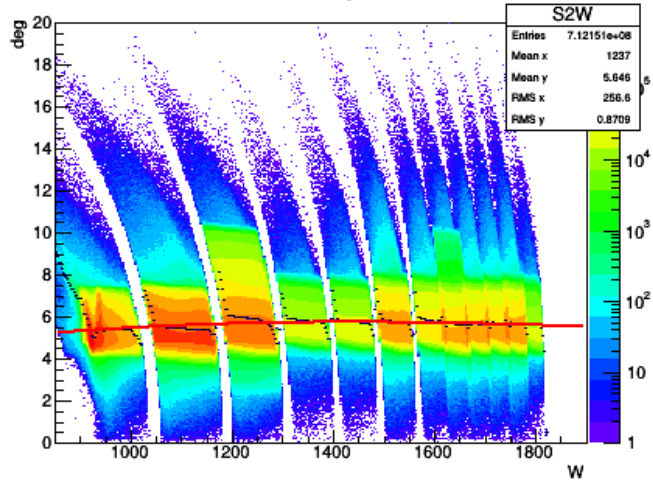


## Q2

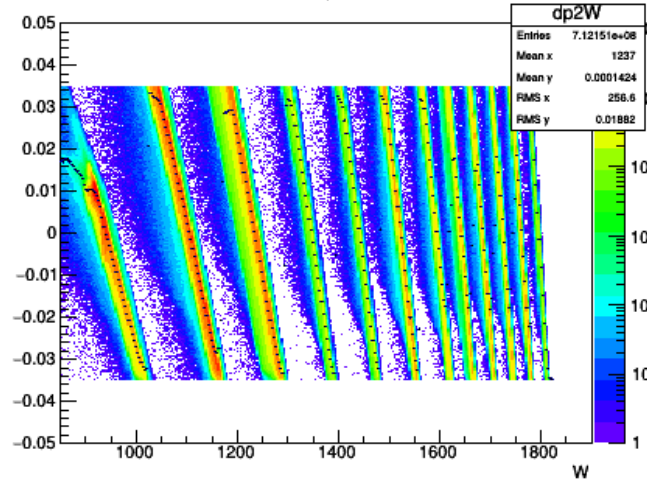


# Longitudinal

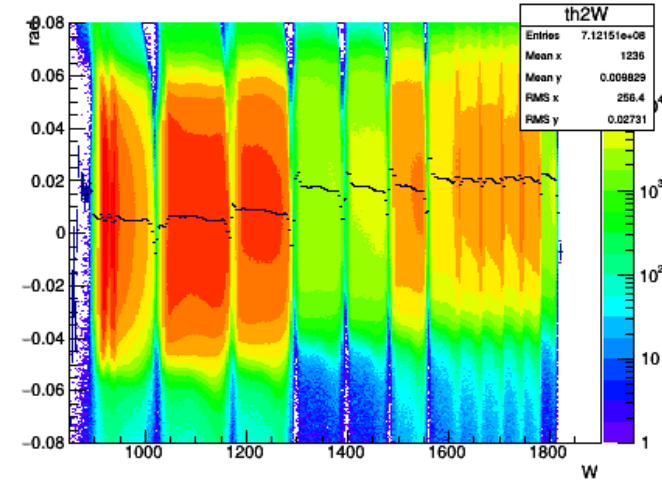
scat angle



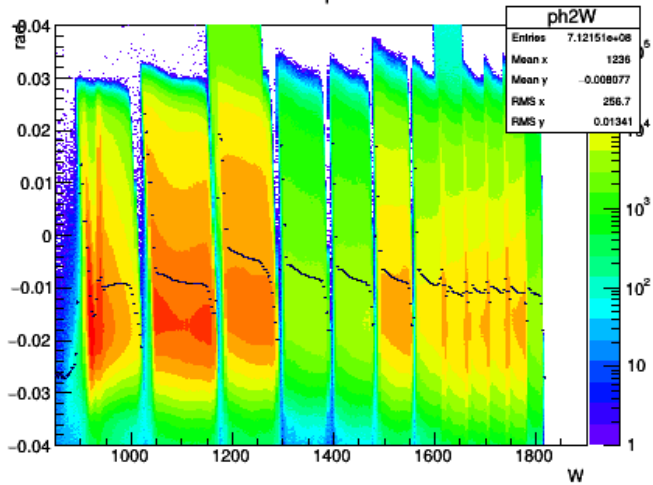
dp



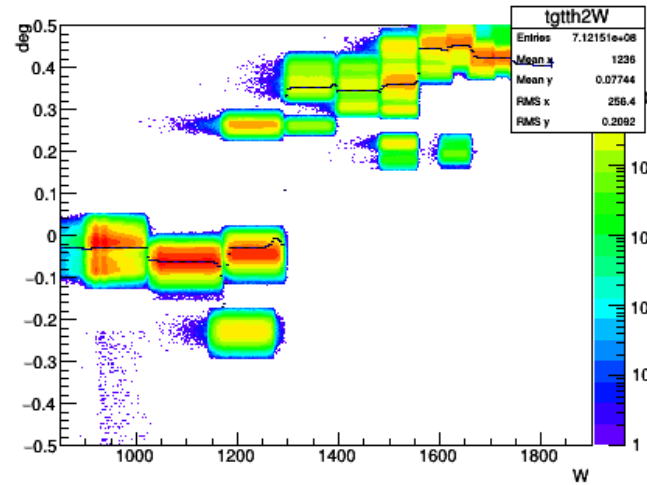
rec theta



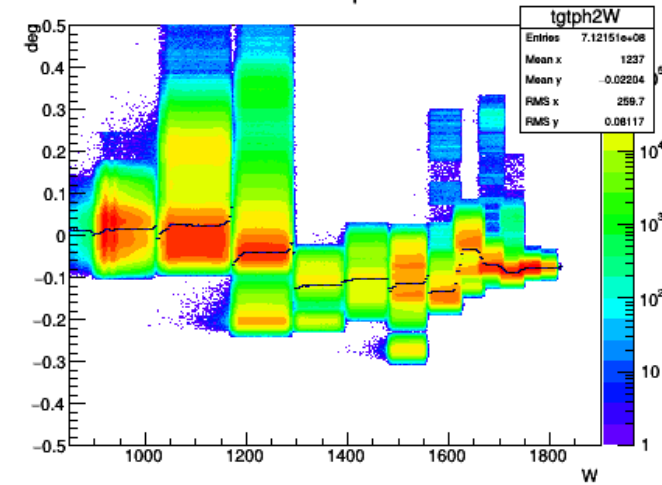
rec phi



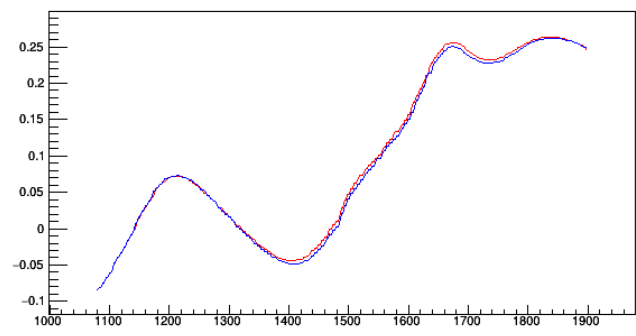
beam theta



beam phi

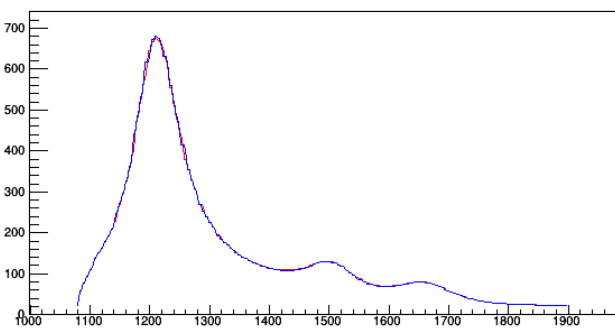


asym



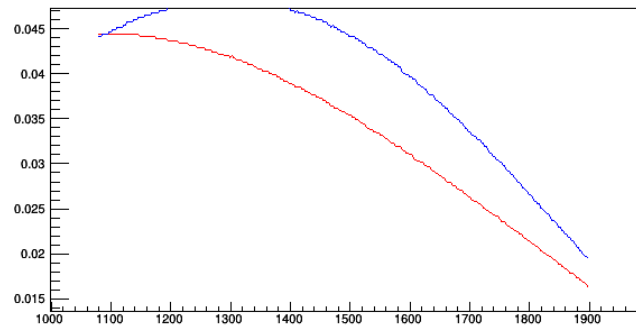
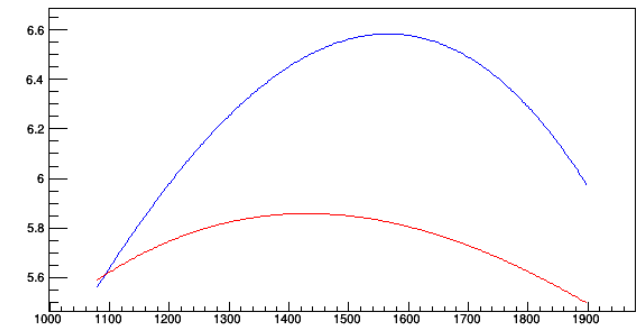
Graph

xs



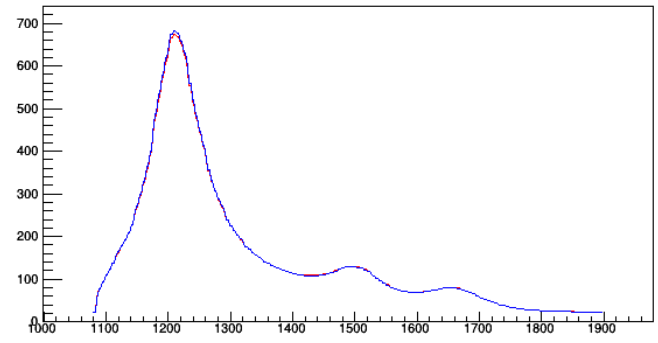
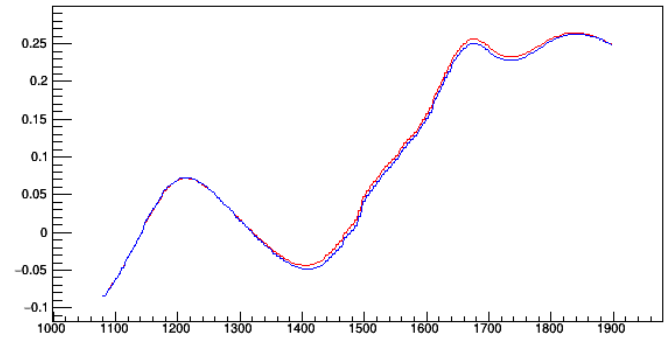
Q2

Fit scat from data,cal  
other from maid

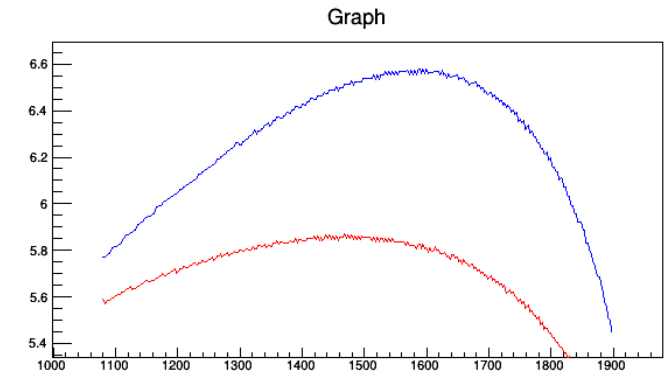


asym

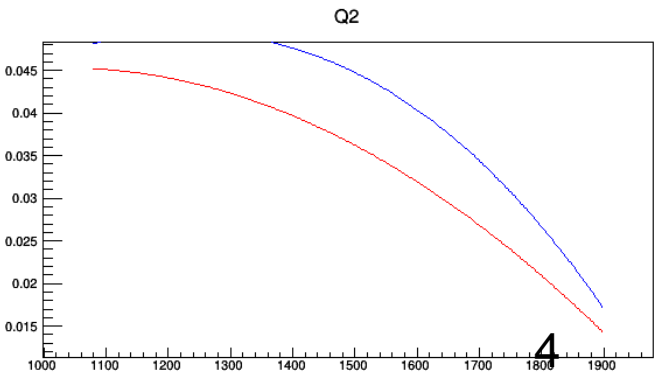
xs



Fit Q2 from data,cal  
other from maid

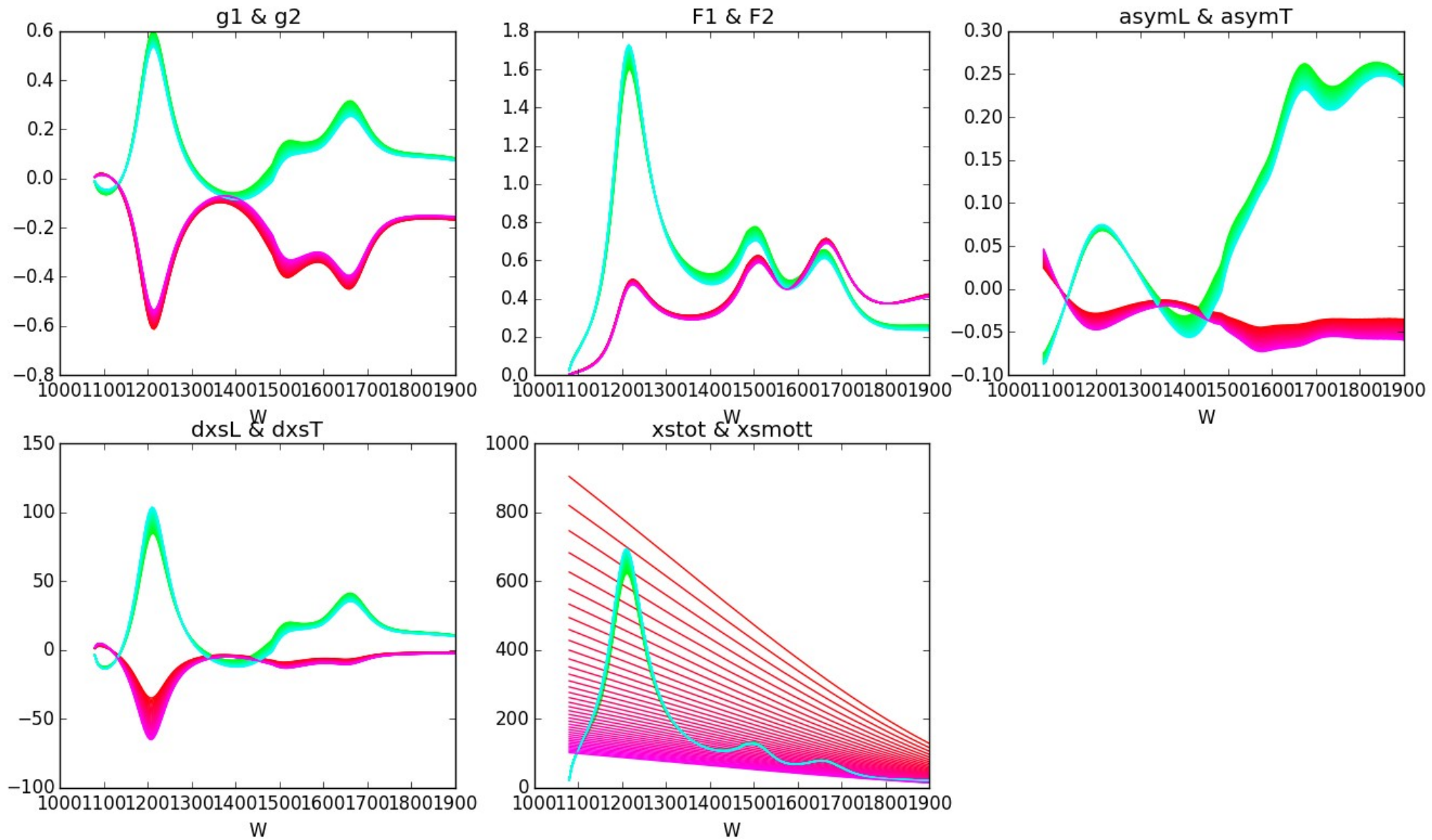


Graph



Q2

# Maid result between Q2 0.02-0.06GeV<sup>2</sup> (without considering radiative correction)



Equations calculation for MAID:

1001.3898v1

PhysRevD. 59 094021

PhysRevD. 58.112003

Code at:

Download:

`/w/halla-scifs2/g2p/pzhu/work/worlddata/g2p/maiddown.py`

Calculation:

`/w/halla-scifs2/g2p/pzhu/work/worlddata/g2p/maidasym.py`

SQLite Database for MAID data:

`/w/halla-scifs2/g2p/pzhu/work/worlddata/g2p/MAID2007tot.db`

ROOT Library:

`/w/halla-scifs2/g2p/pzhu/work/worlddata/g2p/maid.h`

Next:

Use Ryan's radiative correction

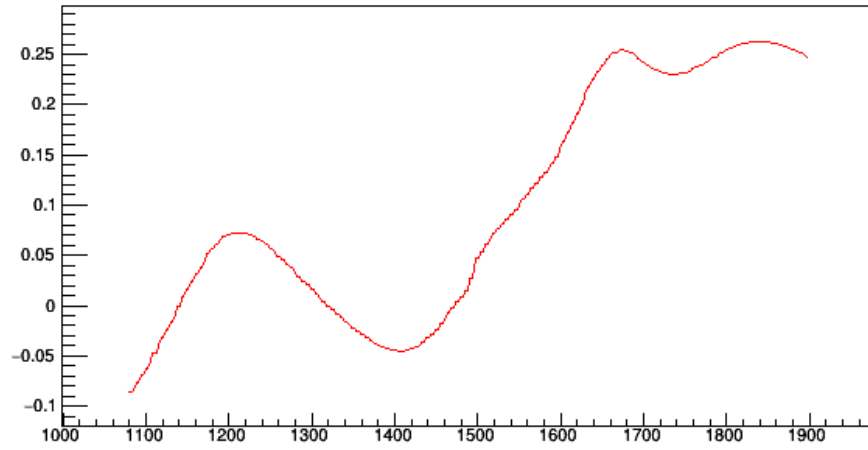
Use Toby's dilution result

Backup

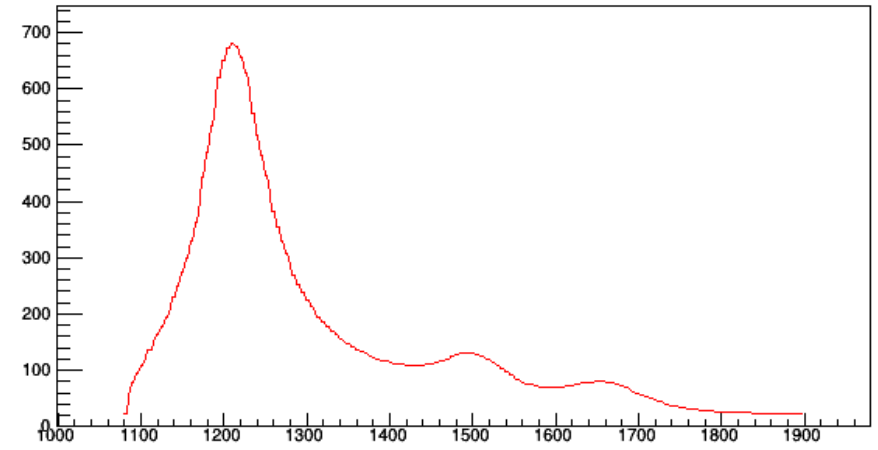


If fix scattering angle to 6:

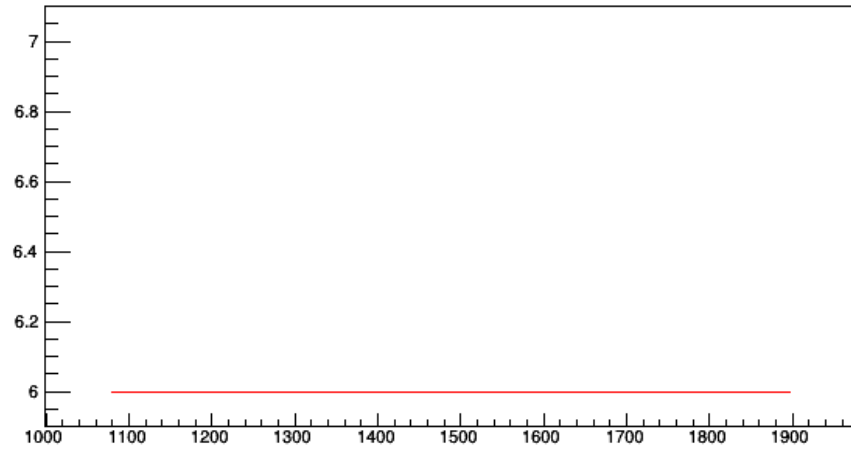
asym



XS



scat angle



Q2

