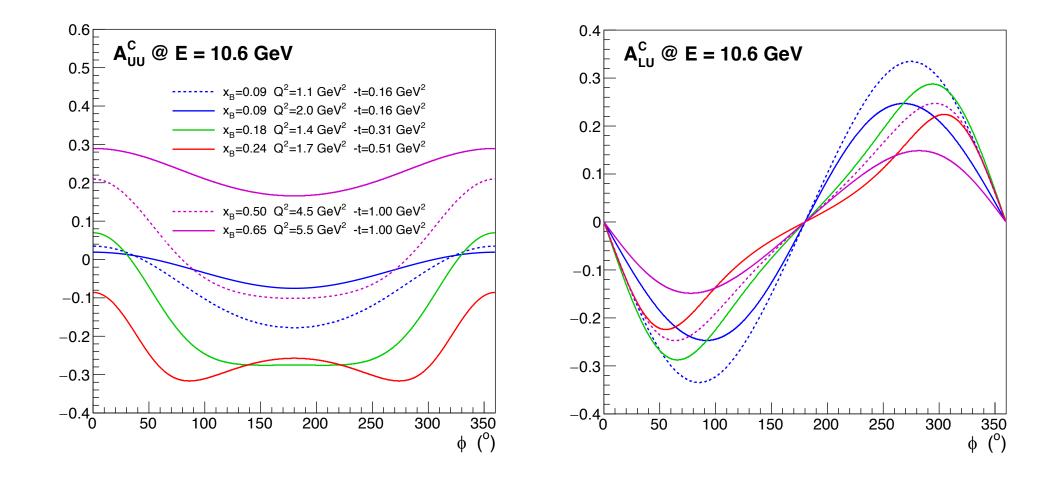


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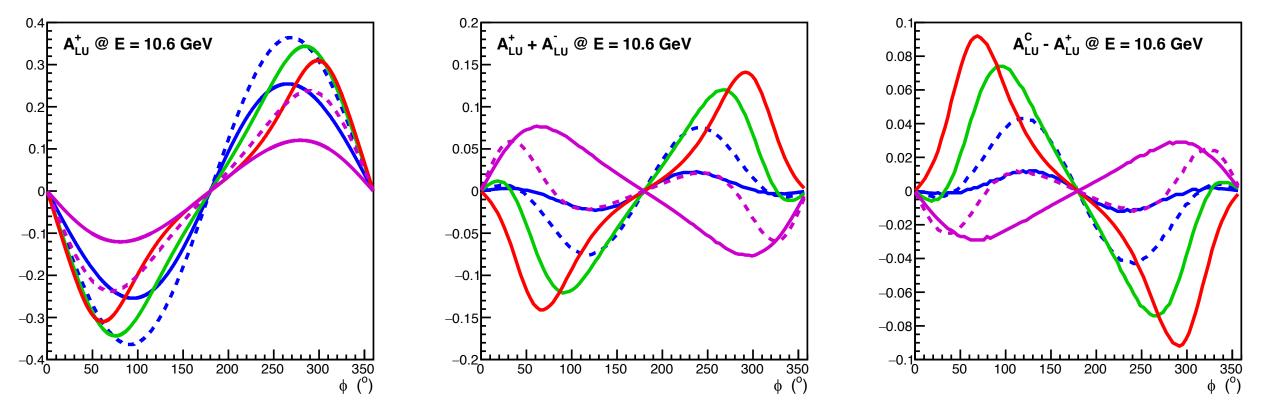
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- The reference model is chosen to be the first evaluation of FX using KM CFF (EIC compatible) and BKM implementation of the cross section (references for KM and BKM ?)
- The comparison between different models at a fixed kinematics has still to be done







Note the small numerical wiggles in comparison observables.



• Status of the simulation of CFF extraction

FX is using BKM to produce cross sections from CFF input and fit observables with a procedure similar to MG Silvia is using VGG to produce observables and use the fit procedure developed by MG within VGG

- Observables according to BKM
 - CFF from reference model CFF from KM15
 - CFF from VGG used in DDVCS simulations
- Observables according to VGG
 via PARTON
 via VGG original
- · CFF extraction

via BKM with BKM based observables via VGG with VGG based observables via BKM with VGG based observables Section 3 must be an undisputable demonstration of the benefit of positron beams for CFF extraction. It is unclear the best way to proceed towards this goal. There exists not only a statistical effect (easy to evaluate) but also a systematic effects related to the true value of CFFs as well as other genuine contributions.



• 1st Pass for CLAS Review deadline

Yields are created from the scaling of previously derived neutron yields (x 5), taking into the geometrical acceptance of CLAS12 and 70% efficiency for the proton detection (same binning as the LOI-12-18-004) Calculation of VGG observables is currently running (slow...) Evaluation of statistical error bars is ongoing CFF extraction will follow as soon as obversables are obtained

• Final Pass for PAC deadline

Running the procedure for FX binning with a better deterimnation of acceptance effects using VGG pDVCS cross sections and fastMC