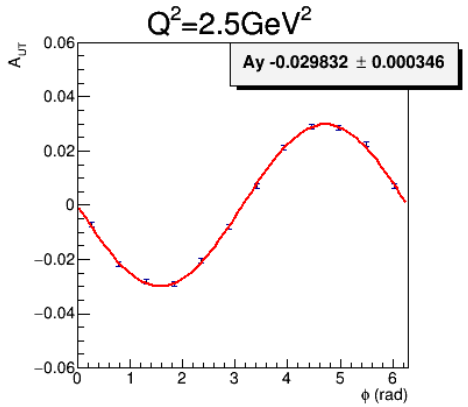
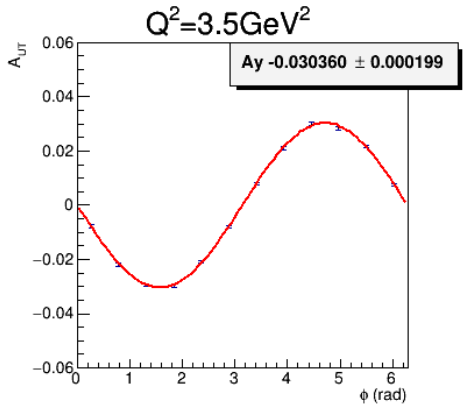
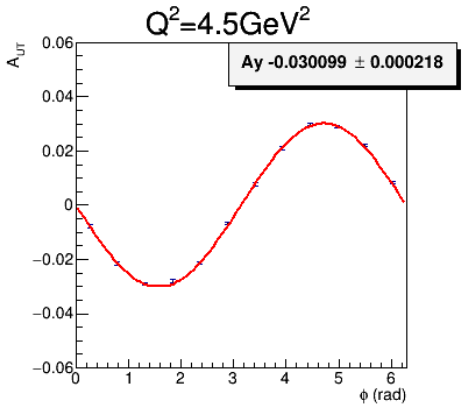
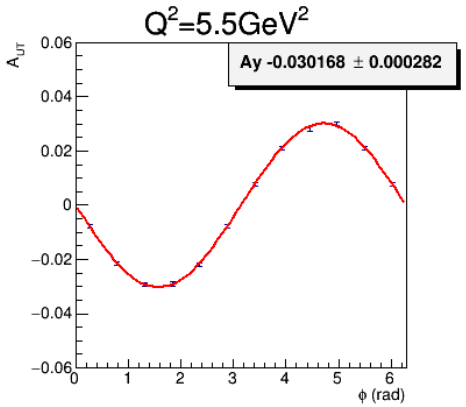
A_{UT} projection of SoLID He3 large angle detector (LD)

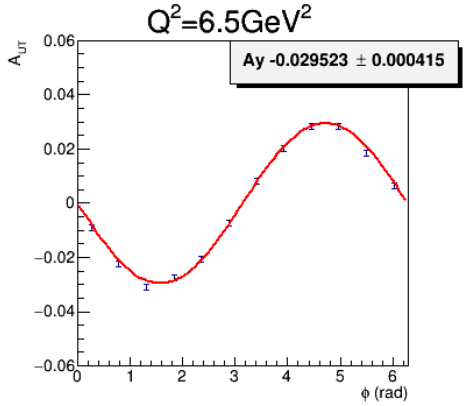
$A_{UT} = A_y * \sin(\phi_s)$ with Ay=-0.03 and stat error

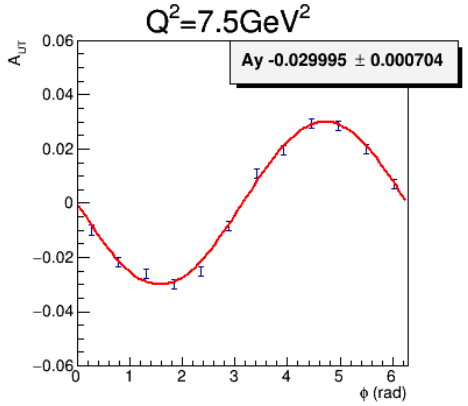


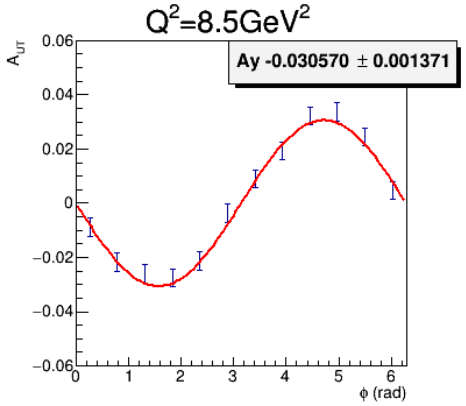


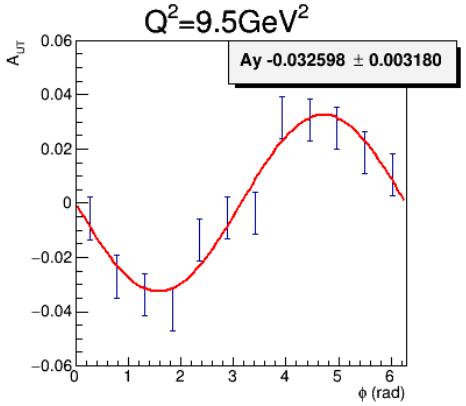












A_y projection of SoLID He3 large angle detector (LD)

- SoLID He3 running condition
  - 15uA e- beam (48 days at 11GeV and 21 days at 8.8GeV)
  - 40cm 10amg He3 target with window collimator
- Hall A data from Phys. Rev. Lett. **113**, 022502 (2014) are at individual Q2 and x bins, while SoLID LD projection are integral over all x bins
- The comparison shows stat error only. Hall A data has sys error similar to stat error and SoLID LD sys error is about 7%